

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041519\
 Data File : BM019915.D
 Acq On : 15 Apr 2019 14:53
 Operator : JU/SJ
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 15 15:30:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 14:51:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	126243	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	602963	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	361870	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	793545	20.00	ng	0.00
76) Chrysene-d12	21.19	240	845140	20.00	ng	0.00
87) Perylene-d12	23.38	264	678574	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1653966	212.18	ng	0.00
7) Phenol-d6	6.74	99	2547241	223.40	ng	0.01
23) Nitrobenzene-d5	8.72	82	2804147	219.84	ng	0.01
42) 2,4,6-Tribromophenol	15.72	330	1276956	239.00	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	6067740	218.11	ng	0.00
79) Terphenyl-d14	19.62	244	10176719	239.05	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	335355	96.706	ng	98
3) Pyridine	3.51	79	1010937	107.154	ng	99
4) n-Nitrosodimethylamine	3.44	42	335397	114.352	ng	100
6) Aniline	6.89	93	1591429	108.105	ng	99
8) 2-Chlorophenol	7.10	128	1018720	108.749	ng	99
9) Benzaldehyde	6.70	77	576300	80.354	ng	99
10) Phenol	6.76	94	1387553	112.916	ng	100
11) bis(2-Chloroethyl)ether	6.99	93	995055	106.119	ng	99
12) 1,3-Dichlorobenzene	7.42	146	1038003	104.707	ng	99
13) 1,4-Dichlorobenzene	7.57	146	1054499	104.336	ng	99
14) 1,2-Dichlorobenzene	7.87	146	1057652	107.561	ng	100
15) Benzyl Alcohol	7.80	79	1135898	120.367	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.07	45	891838	93.148	ng	99
17) 2-Methylphenol	7.99	107	882483	110.205	ng	99
18) Hexachloroethane	8.58	117	411667	109.616	ng	98
19) n-Nitroso-di-n-propylamine	8.36	70	1063900	113.732	ng	99
20) 3+4-Methylphenols	8.33	107	1238989	113.988	ng	99
22) Acetophenone	8.37	105	1716545	103.013	ng	# 99
24) Nitrobenzene	8.76	77	1434276	108.116	ng	99
25) Isophorone	9.27	82	2656578	109.145	ng	99
26) 2-Nitrophenol	9.45	139	636142	115.685	ng	100
27) 2,4-Dimethylphenol	9.52	122	873714	106.877	ng	98
28) bis(2-Chloroethoxy)methane	9.75	93	1516747	105.241	ng	98
29) 2,4-Dichlorophenol	9.98	162	1013583	111.949	ng	98
30) 1,2,4-Trichlorobenzene	10.17	180	1059324	103.762	ng	99
31) Naphthalene	10.36	128	3292798	103.610	ng	99
32) Benzoic acid	9.79	122	763461	110.272	ng	97
33) 4-Chloroaniline	10.50	127	1410368	108.259	ng	99
34) Hexachlorobutadiene	10.62	225	618240	105.526	ng	97
35) Caprolactam	11.38	113	279828	86.763	ng	96
36) 4-Chloro-3-methylphenol	11.65	107	1230814	110.174	ng	99
37) 2-Methylnaphthalene	11.99	142	2421133	104.837	ng	99
38) 1-Methylnaphthalene	12.21	142	2375858	104.373	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	1165042	101.778	ng	99

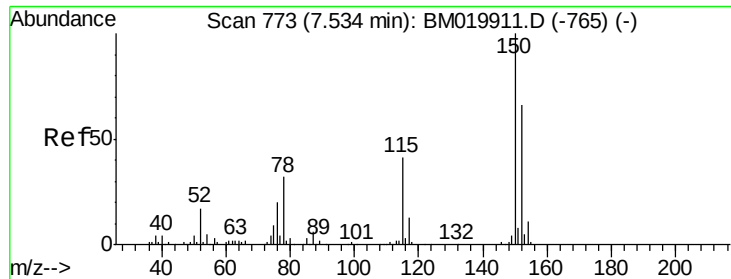
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041519\
 Data File : BM019915.D
 Acq On : 15 Apr 2019 14:53
 Operator : JU/SJ
 Sample : SSTDICC100
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 14:51:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.32	237	421990	81.387	nq	99
43) 2,4,6-Trichlorophenol	12.63	196	798810	107.984	nq	99
44) 2,4,5-Trichlorophenol	12.70	196	835782	105.657	nq	98
46) 1,1'-Biphenyl	13.03	154	3215297	101.742	nq	100
47) 2-Chloronaphthalene	13.07	162	2477133	105.011	nq	99
48) 2-Nitroaniline	13.32	65	914727	115.625	nq	97
49) Acenaphthylene	13.93	152	4313834	108.155	nq	99
50) Dimethylphthalate	13.68	163	3223839	104.142	nq	100
51) 2,6-Dinitrotoluene	13.82	165	727433	108.704	nq	96
52) Acenaphthene	14.27	154	2387982	104.194	nq	100
53) 3-Nitroaniline	14.16	138	754685	106.481	nq	97
54) 2,4-Dinitrophenol	14.38	184	436669	112.362	nq	99
55) Dibenzofuran	14.61	168	3889422	105.231	nq	98
56) 4-Nitrophenol	14.49	139	569597	98.432	nq	95
57) 2,4-Dinitrotoluene	14.63	165	1086566	111.858	nq	# 87
58) Fluorene	15.26	166	3424301	112.398	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.85	232	755557	102.599	nq	97
60) Diethylphthalate	15.05	149	3395167	108.291	nq	99
61) 4-Chlorophenyl-phenylether	15.26	204	1650514	111.545	nq	99
62) 4-Nitroaniline	15.35	138	767245	107.418	nq	99
63) Azobenzene	15.56	77	3624863	109.874	nq	98
65) 4,6-Dinitro-2-methylphenol	15.39	198	572023	110.003	nq	99
66) n-Nitrosodiphenylamine	15.49	169	2728647	108.006	nq	100
67) 4-Bromophenyl-phenylether	16.16	248	967427	110.553	nq	95
68) Hexachlorobenzene	16.26	284	1162103	111.700	nq	97
69) Atrazine	16.46	200	811340	95.403	nq	99
70) Pentachlorophenol	16.62	266	612759	97.758	nq	99
71) Phenanthrene	17.01	178	4921711	105.815	nq	99
72) Anthracene	17.10	178	4946504	108.634	nq	100
73) Carbazole	17.39	167	4590105	106.806	nq	99
74) Di-n-butylphthalate	17.93	149	5998745	115.429	nq	99
75) Fluoranthene	19.04	202	5744653	107.635	nq	99
77) Benzidine	19.25	184	1357152	56.622	nq	100
78) Pyrene	19.41	202	5789830	108.276	nq	99
80) Butylbenzylphthalate	20.32	149	2847144	122.245	nq	97
81) Benzo(a)anthracene	21.17	228	5534551	104.384	nq	99
82) 3,3'-Dichlorobenzidine	21.11	252	1830741	89.631	nq	99
83) Chrysene	21.23	228	5255279	102.453	nq	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	4261573	125.770	nq	98
85) Di-n-octyl phthalate	21.95	149	6765913	118.583	nq	100
86) Indeno(1,2,3-cd)pyrene	25.61	276	4802334	86.972	nq	99
88) Benzo(b)fluoranthene	22.73	252	4745816	107.933	nq	99
89) Benzo(k)fluoranthene	22.77	252	4609075	113.966	nq	99
90) Benzo(a)pyrene	23.29	252	4192282	106.095	nq	99
91) Dibenzo(a,h)anthracene	25.61	278	4081503	107.978	nq	98
92) Benzo(g,h,i)perylene	26.28	276	3598053	103.680	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

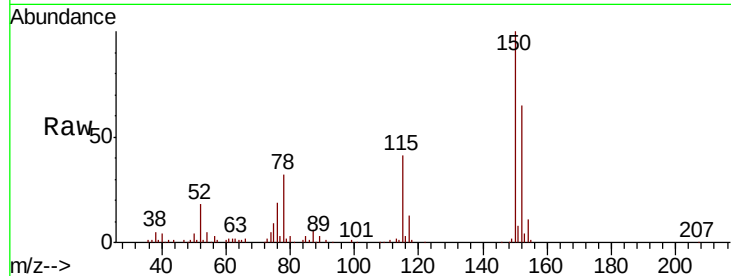


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.1	183.1
115	63.7	50.0	75.0

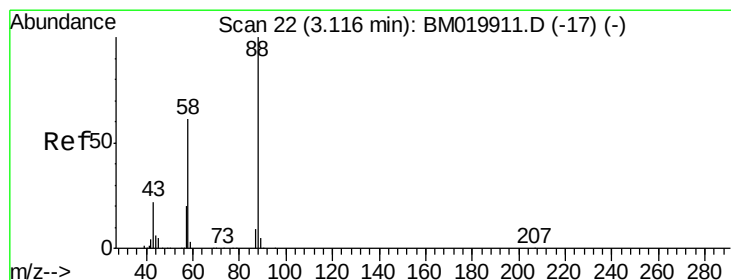
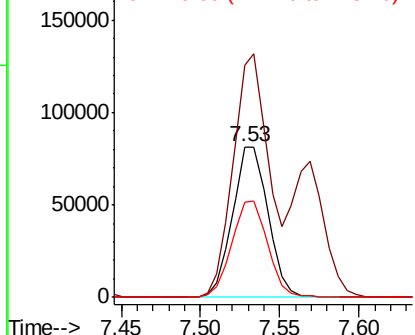
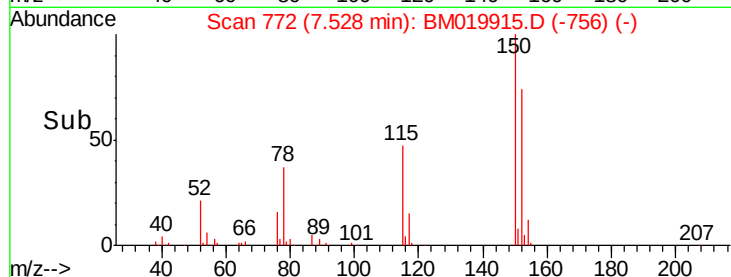


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

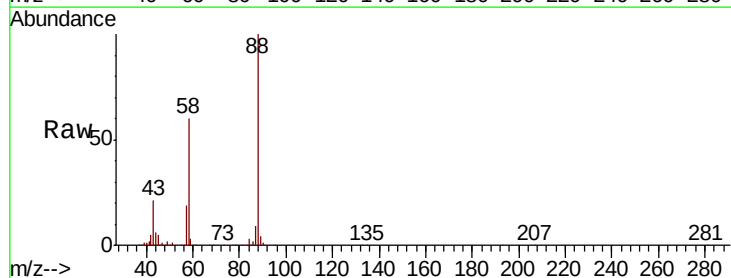
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 96.706 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.1	49.6	74.4
43	21.6	18.6	27.8

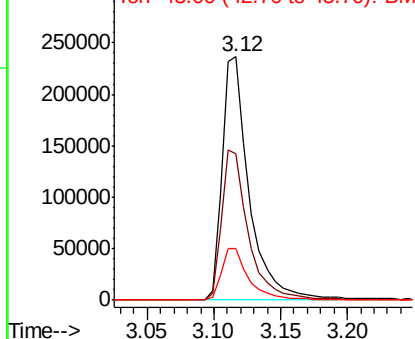
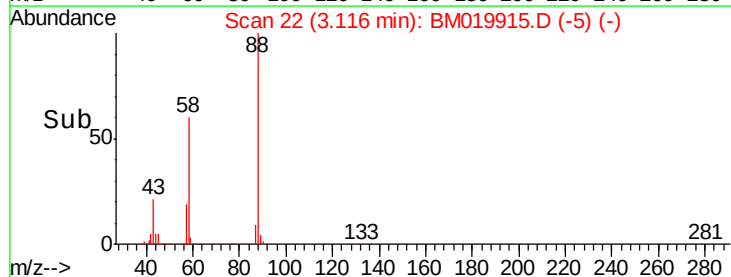


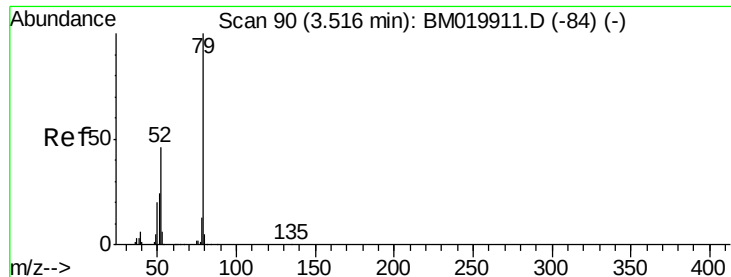
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 107.154 ng

RT: 3.51 min Scan# 89

Delta R.T. -0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

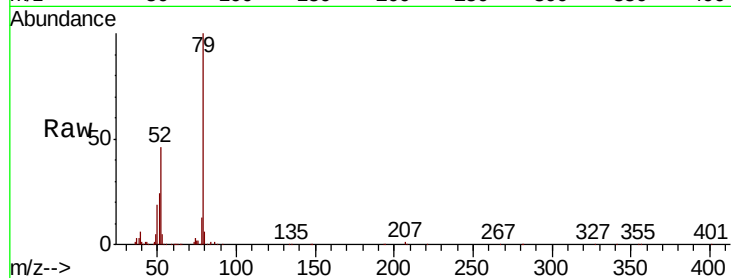
Tot Ion: 79 Resp: 1010937

Ion Ratio Lower Upper

79 100

52 45.6 36.9 55.3

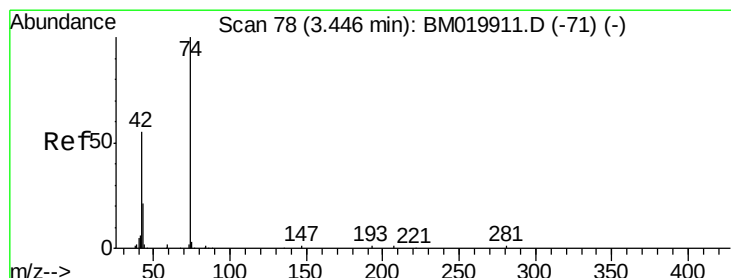
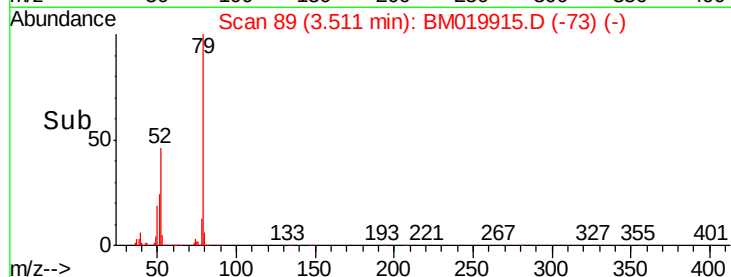
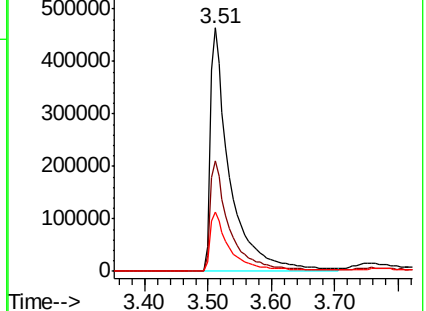
51 24.5 20.0 30.0



Abundance Ion 79.00 (78.70 to 79.70): BM019911.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019911.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019911.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 114.352 ng

RT: 3.44 min Scan# 77

Delta R.T. -0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

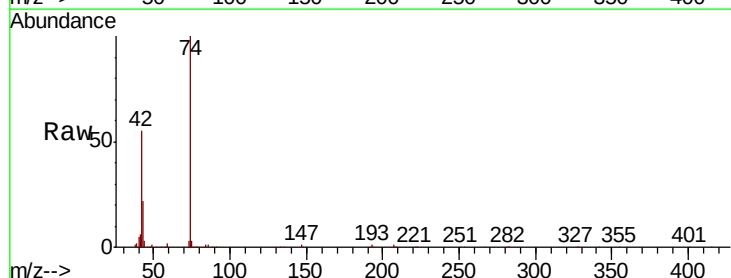
Tgt Ion: 42 Resp: 335397

Ion Ratio Lower Upper

42 100

74 180.5 144.6 217.0

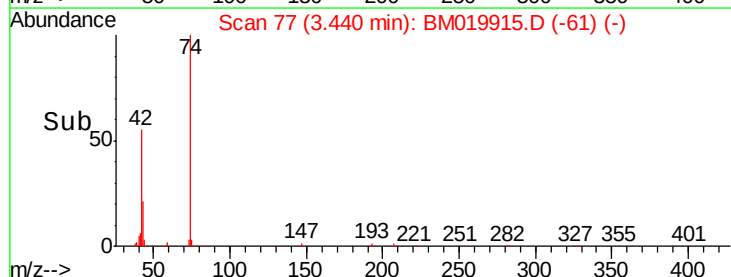
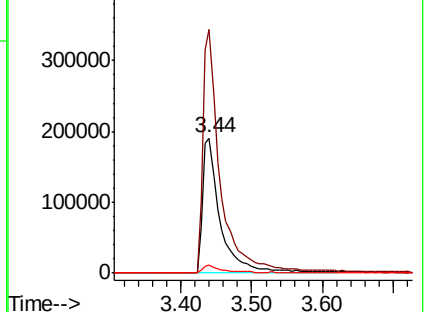
44 5.6 5.4 8.2

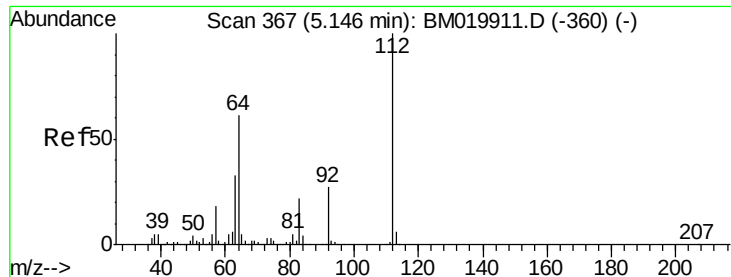


Abundance Ion 42.00 (41.70 to 42.70): BM019911.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM019911.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM019911.D (-71) (-)





#5

2-Fluorophenol

Concen: 212.175 ng

RT: 5.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

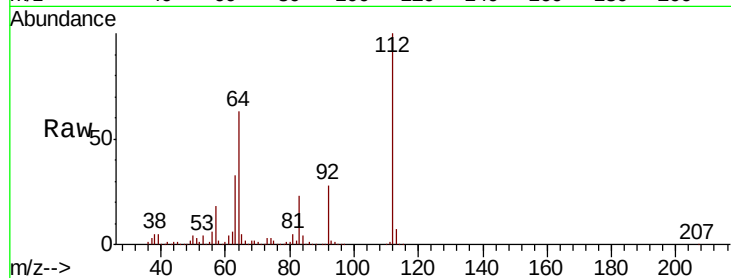
Tot Ion:112 Resp: 1653966

Ion Ratio Lower Upper

112 100

64 63.4 49.1 73.7

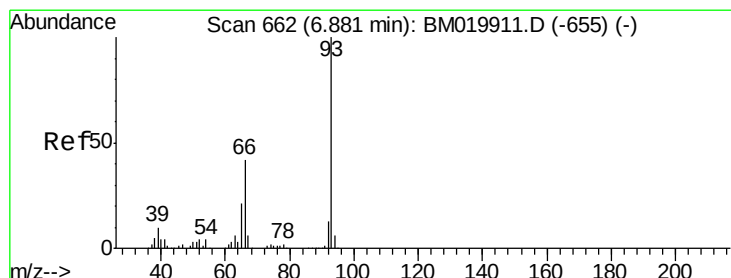
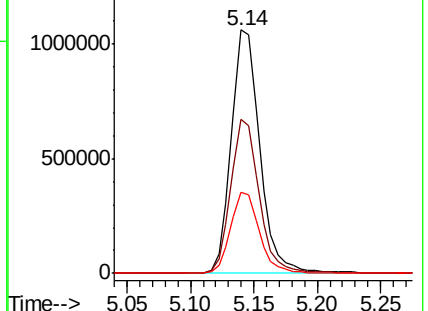
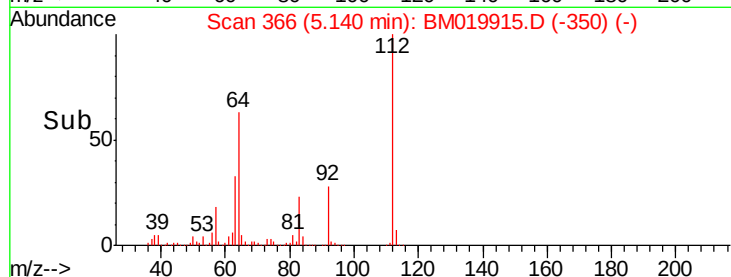
63 33.2 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 108.105 ng

RT: 6.89 min Scan# 664

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

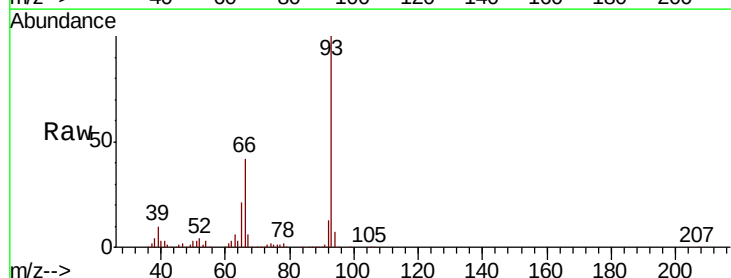
Tgt Ion: 93 Resp: 1591429

Ion Ratio Lower Upper

93 100

66 41.6 33.9 50.9

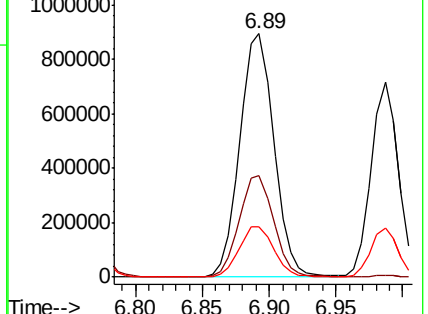
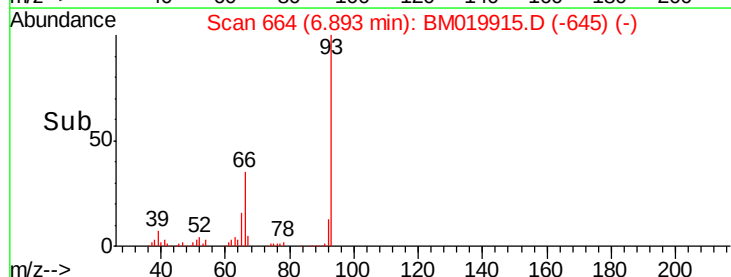
65 20.9 17.0 25.6

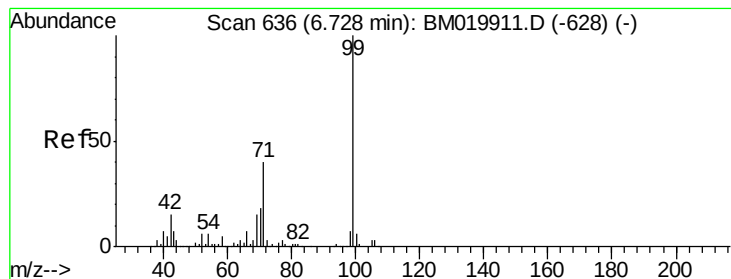


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 223.399 ng

RT: 6.74 min Scan# 638

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

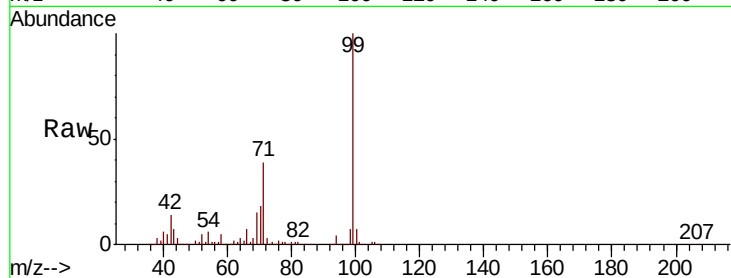
Tot Ion: 99 Resp: 2547241

Ion Ratio Lower Upper

99 100

42 14.3 11.8 17.8

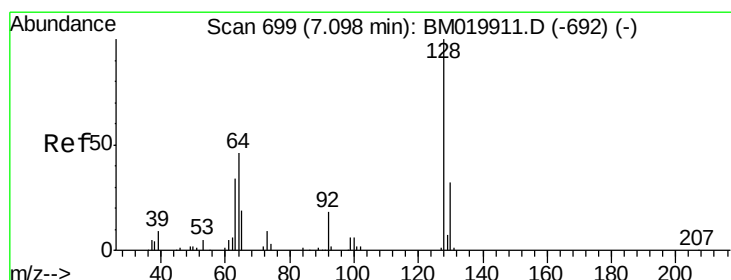
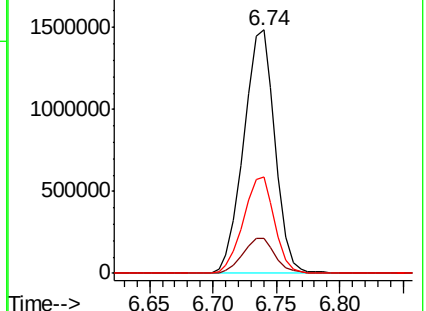
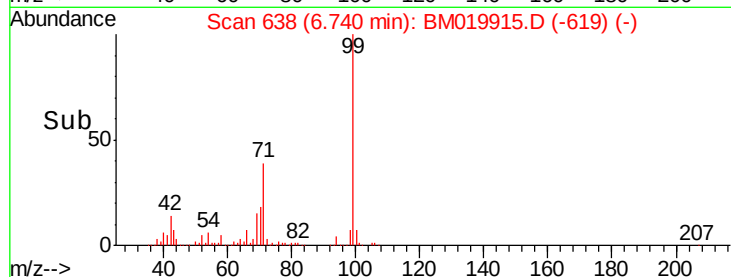
71 39.4 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019915.D (-619) (-)

Ion 42.00 (41.70 to 42.70): BM019915.D (-619) (-)

Ion 71.00 (70.70 to 71.70): BM019915.D (-619) (-)



#8

2-Chlorophenol

Concen: 108.749 ng

RT: 7.10 min Scan# 700

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

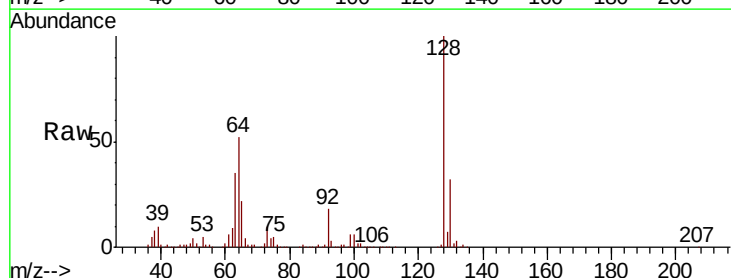
Tgt Ion:128 Resp: 1018720

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

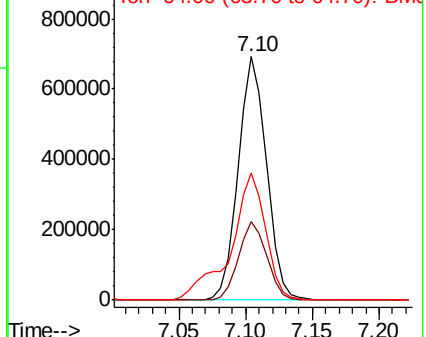
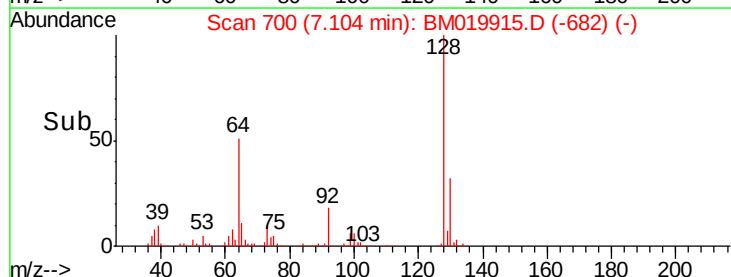
64 52.0 33.0 73.0

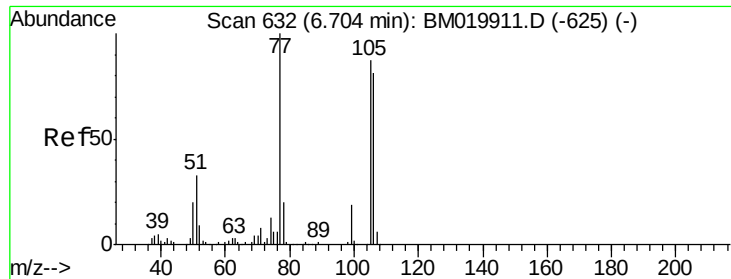


Abundance Ion 128.00 (127.70 to 128.70): BM019915.D (-682) (-)

Ion 130.00 (129.70 to 130.70): BM019915.D (-682) (-)

Ion 64.00 (63.70 to 64.70): BM019915.D (-682) (-)





#9

Benzaldehyde

Concen: 80.354 ng

RT: 6.70 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

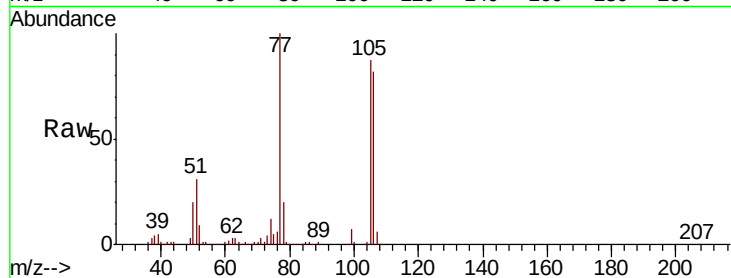
Tot Ion: 77 Resp: 576300

Ion Ratio Lower Upper

77 100

105 87.2 67.3 107.3

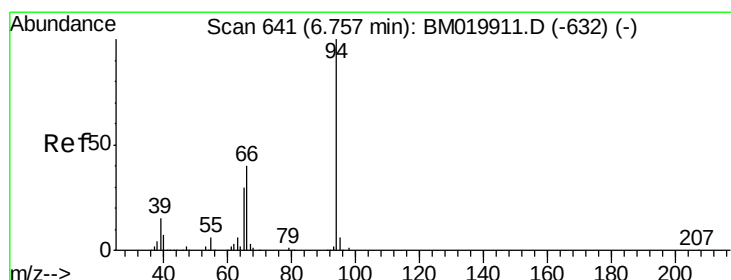
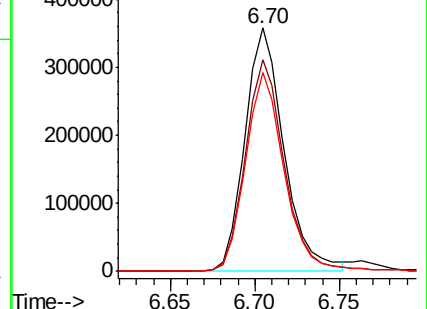
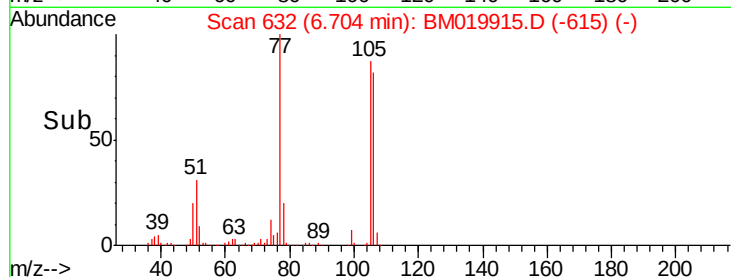
106 81.6 60.6 100.6



Abundance Ion 77.00 (76.70 to 77.70): BM019915.D (-615) (-)

Ion 105.00 (104.70 to 105.70): BM019915.D (-615) (-)

Ion 106.00 (105.70 to 106.70): BM019915.D (-615) (-)



#10

Phenol

Concen: 112.916 ng

RT: 6.76 min Scan# 642

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

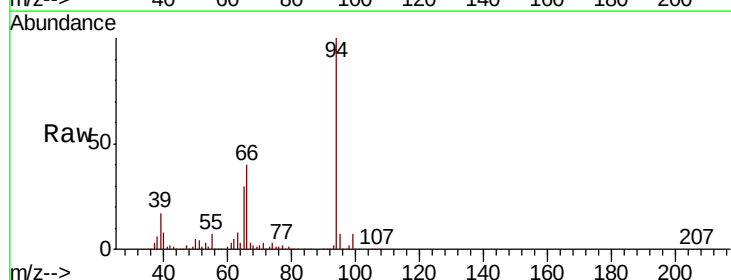
Tgt Ion: 94 Resp: 1387553

Ion Ratio Lower Upper

94 100

65 30.4 10.0 50.0

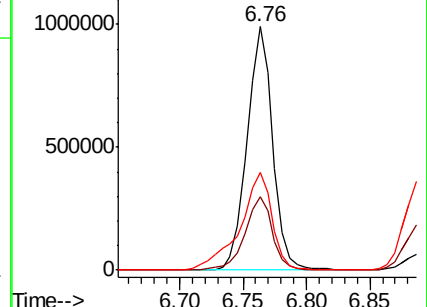
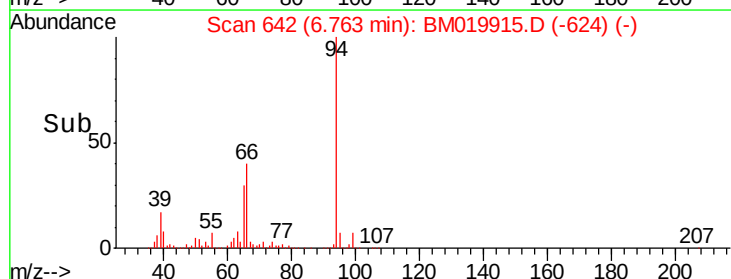
66 40.3 20.2 60.2

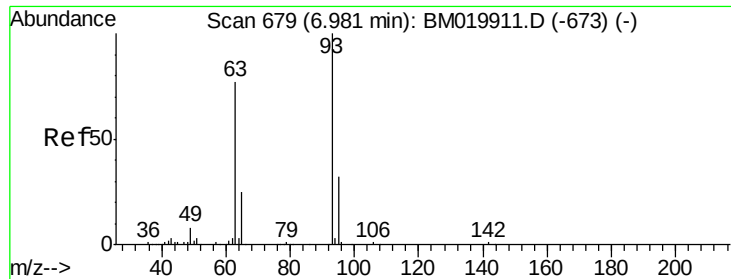


Abundance Ion 94.00 (93.70 to 94.70): BM019915.D (-624) (-)

Ion 65.00 (64.70 to 65.70): BM019915.D (-624) (-)

Ion 66.00 (65.70 to 66.70): BM019915.D (-624) (-)

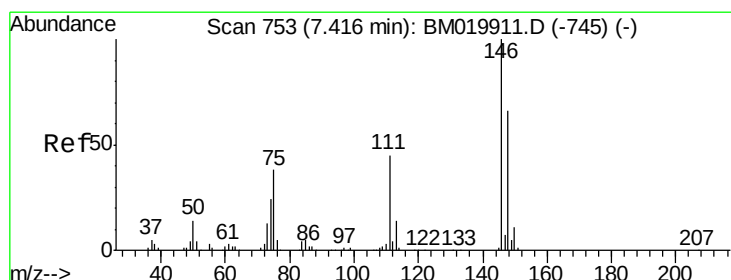
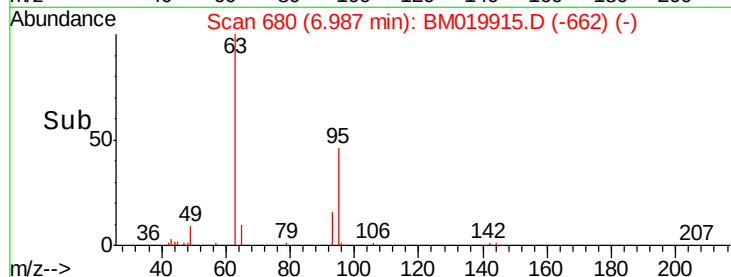
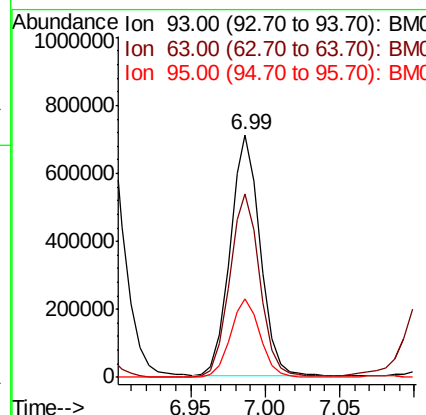
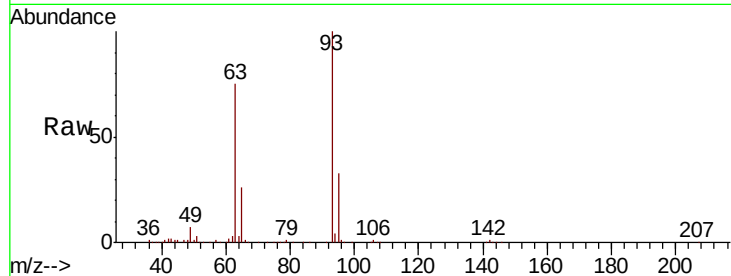




#11
 bis(2-Chloroethyl)ether
 Concen: 106.119 ng
 RT: 6.99 min Scan# 680
 Delta R.T. 0.01 min
 Lab File: BM019915.D
 Acq: 15 Apr 2019 14:53

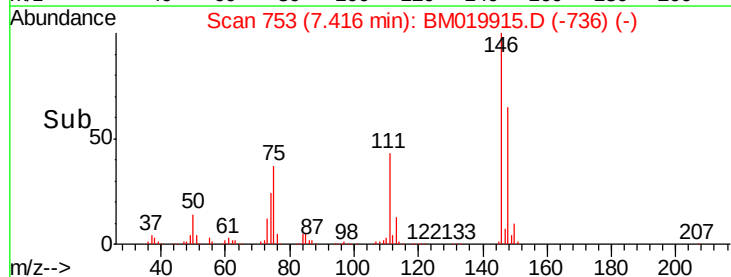
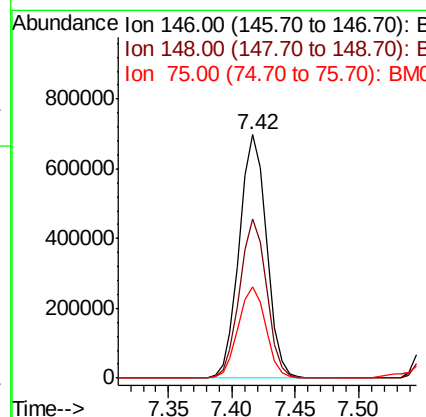
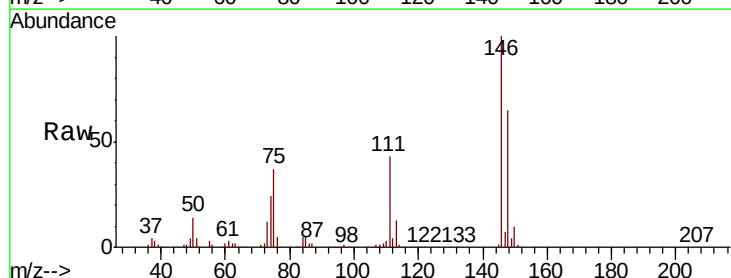
Instrument :
 BNA_M
 ClientSampled :

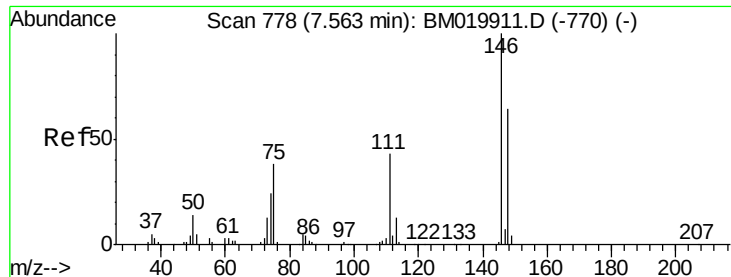
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.4	55.8	95.8
95	32.6	11.6	51.6



#12
 1,3-Dichlorobenzene
 Concen: 104.707 ng
 RT: 7.42 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BM019915.D
 Acq: 15 Apr 2019 14:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.6	78.8
75	37.3	30.0	45.0

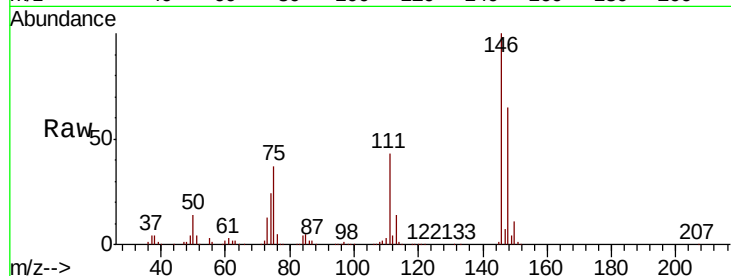




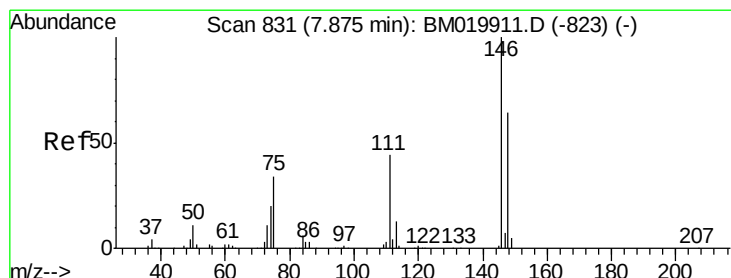
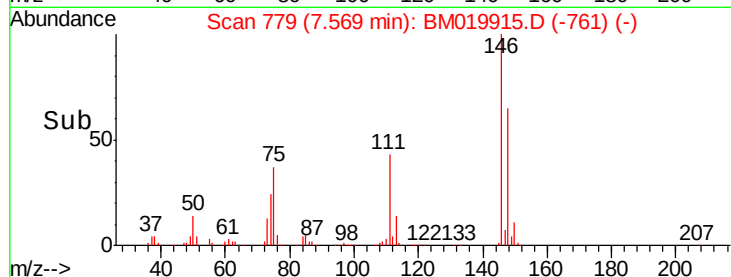
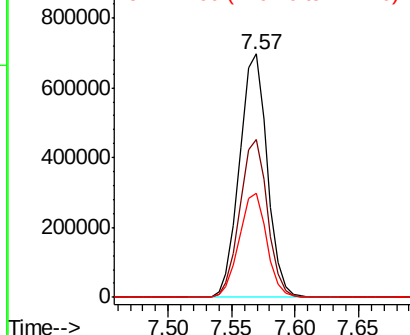
#13
 1,4-Dichlorobenzene
 Concen: 104.336 ng
 RT: 7.57 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: BM019915.D
 Acq: 15 Apr 2019 14:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:146 Resp: 1054499
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.1 76.7
 111 42.6 34.6 51.8

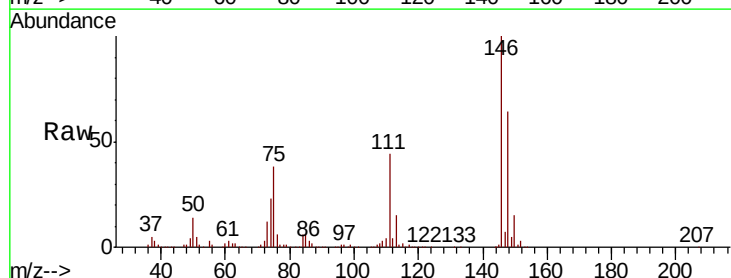


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

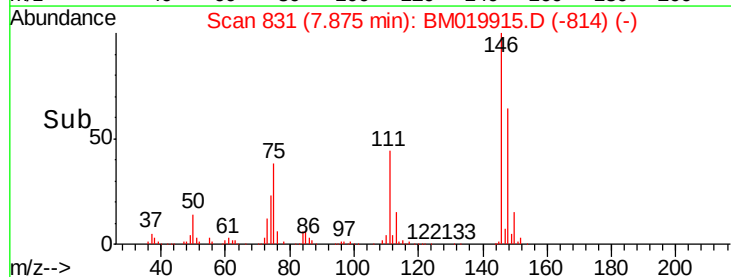
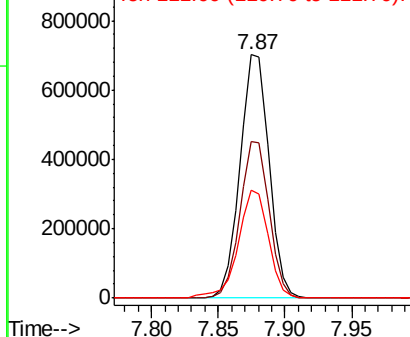


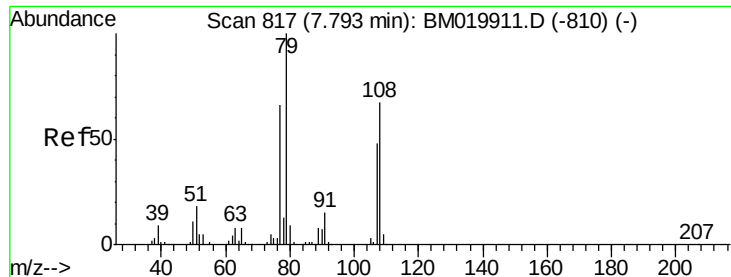
#14
 1,2-Dichlorobenzene
 Concen: 107.561 ng
 RT: 7.87 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BM019915.D
 Acq: 15 Apr 2019 14:53

Tgt Ion:146 Resp: 1057652
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 111 44.3 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 120.367 ng

RT: 7.80 min Scan# 818

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampled :

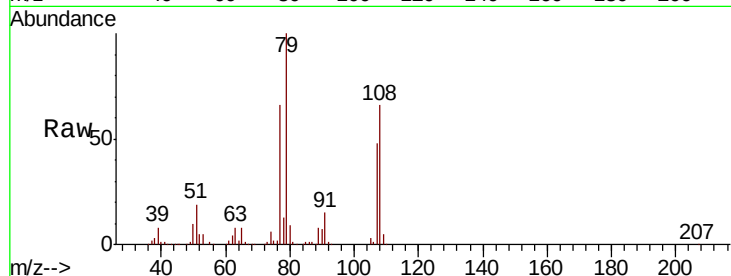
Tot Ion: 79 Resp: 1135898

Ion Ratio Lower Upper

79 100

108 66.0 53.9 80.9

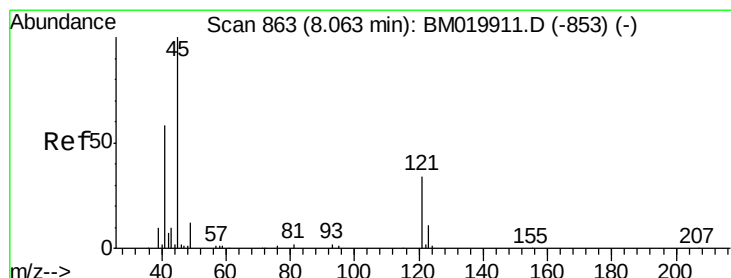
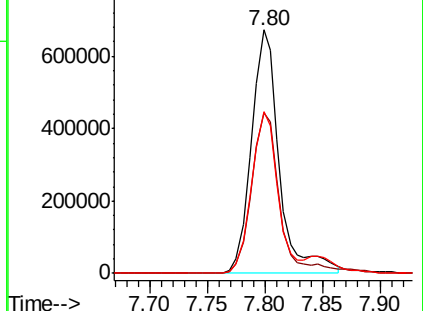
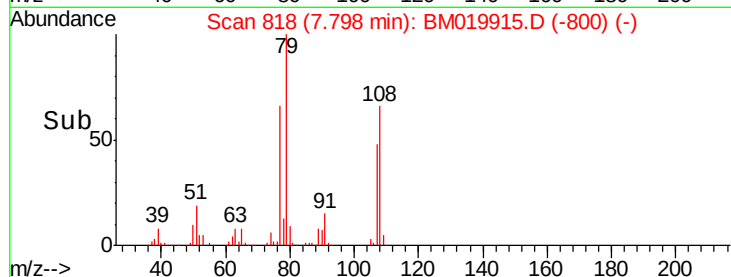
77 66.2 53.1 79.7



Abundance Ion 79.00 (78.70 to 79.70): BM019915.D (-800) (-)

Ion 108.00 (107.70 to 108.70): BM019915.D (-800) (-)

Ion 77.00 (76.70 to 77.70): BM019915.D (-800) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 93.148 ng

RT: 8.07 min Scan# 864

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

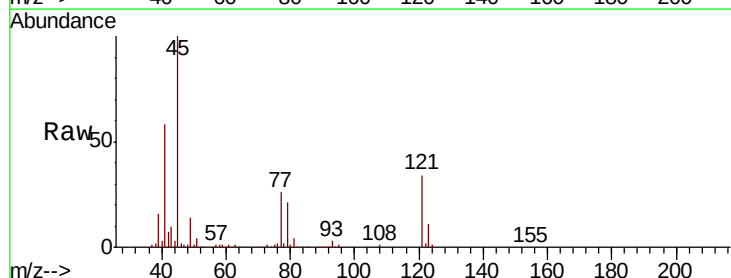
Tgt Ion: 45 Resp: 891838

Ion Ratio Lower Upper

45 100

77 26.5 7.2 47.2

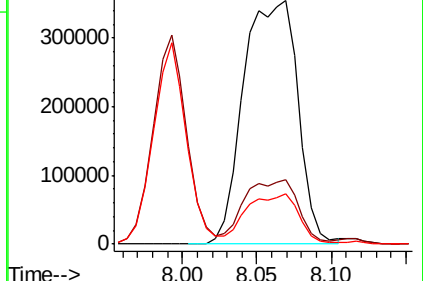
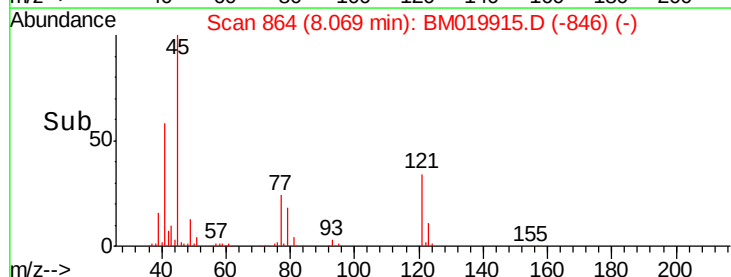
79 20.7 1.2 41.2

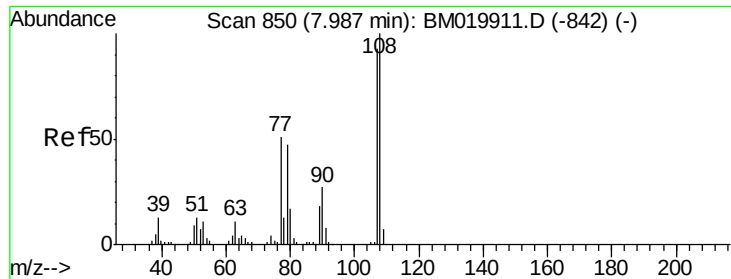


Abundance Ion 45.00 (44.70 to 45.70): BM019915.D (-846) (-)

Ion 77.00 (76.70 to 77.70): BM019915.D (-846) (-)

Ion 79.00 (78.70 to 79.70): BM019915.D (-846) (-)





#17

2-Methylphenol

Concen: 110.205 ng

RT: 7.99 min Scan# 851

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 882483

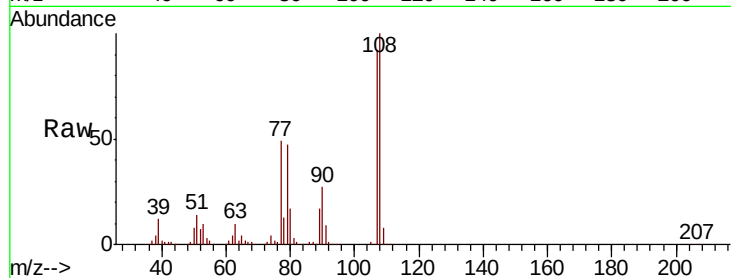
Ion Ratio Lower Upper

107 100

108 108.9 85.9 128.9

77 53.4 43.8 65.6

79 51.4 41.1 61.7



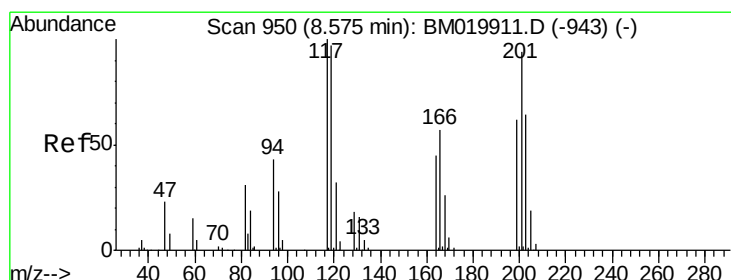
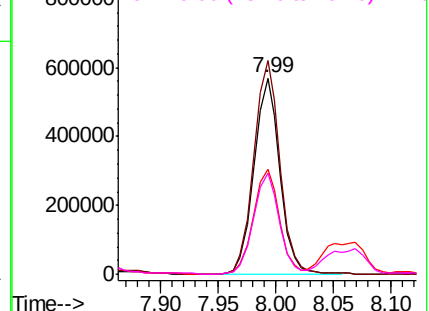
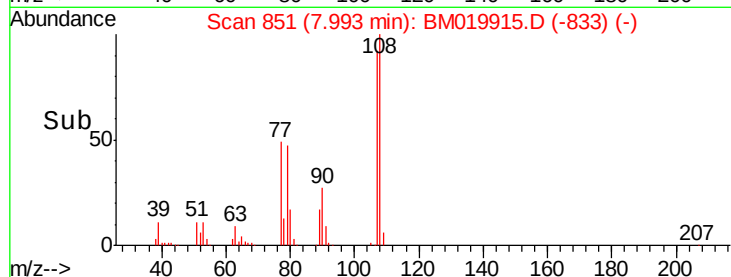
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 109.616 ng

RT: 8.58 min Scan# 951

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

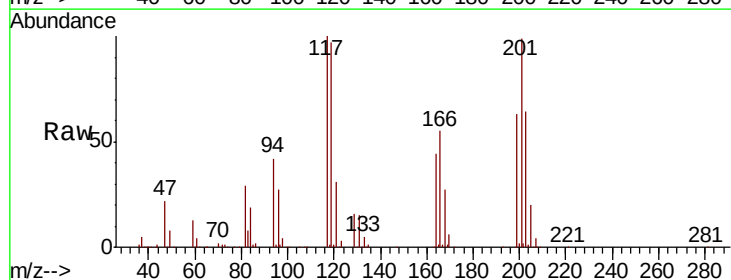
Tgt Ion:117 Resp: 411667

Ion Ratio Lower Upper

117 100

119 96.7 77.6 116.4

201 98.8 75.4 113.2

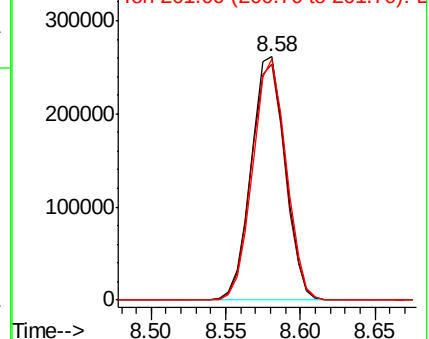
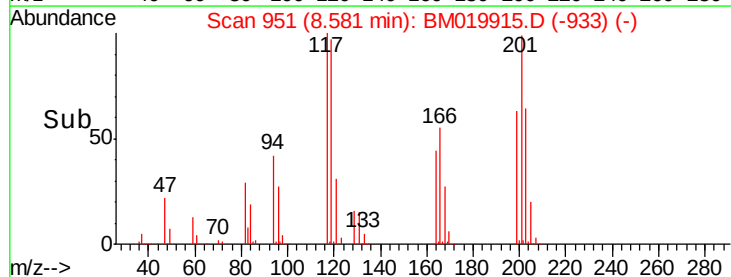


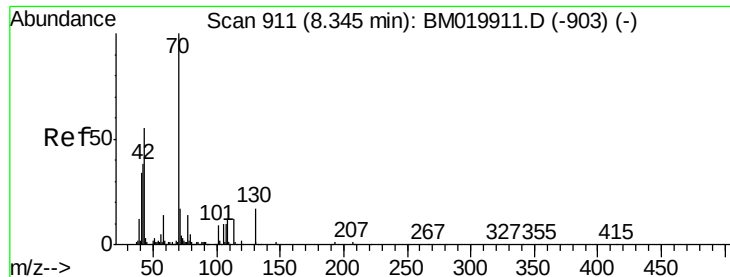
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 113.732 ng

RT: 8.36 min Scan# 913

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 1063900

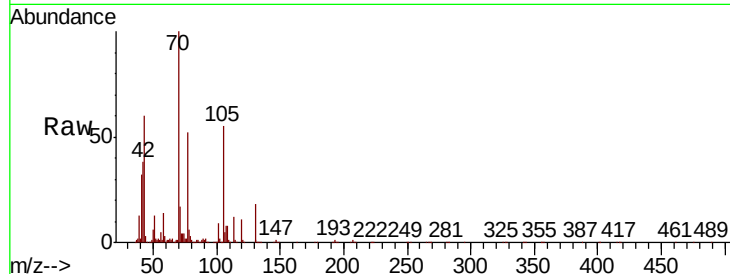
Ion	Ratio	Lower	Upper
70	100		
42	37.8	30.3	45.5
101	8.6	6.9	10.3
130	18.1	13.8	20.6

70 100

42 37.8 30.3 45.5

101 8.6 6.9 10.3

130 18.1 13.8 20.6



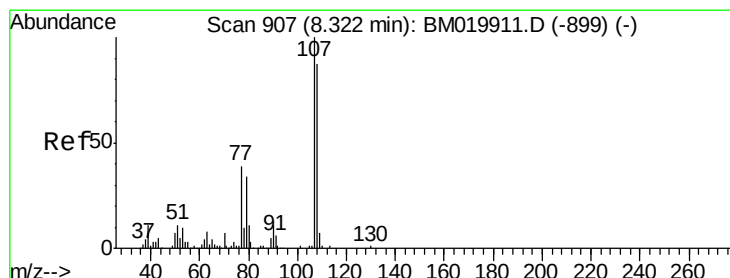
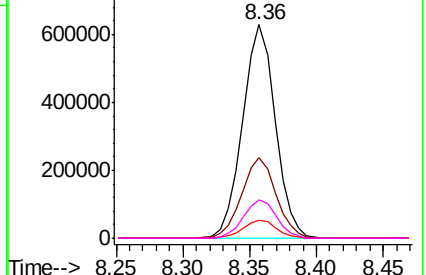
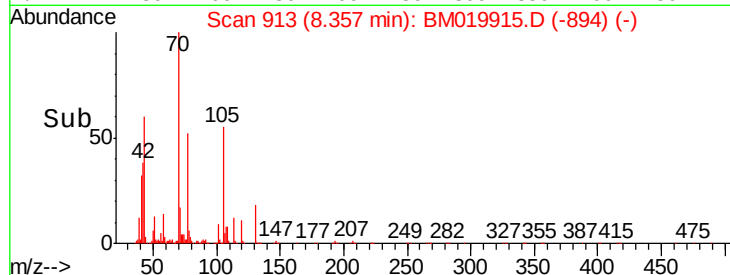
Abundance

Ion 70.00 (69.70 to 70.70): BM019915.D (-894) (-)

Ion 42.00 (41.70 to 42.70): BM019915.D (-894) (-)

Ion 101.00 (100.70 to 101.70): BM019915.D (-894) (-)

Ion 130.00 (129.70 to 130.70): BM019915.D (-894) (-)



#20

3+4-Methylphenols

Concen: 113.988 ng

RT: 8.33 min Scan# 909

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Tgt Ion:107 Resp: 1238989

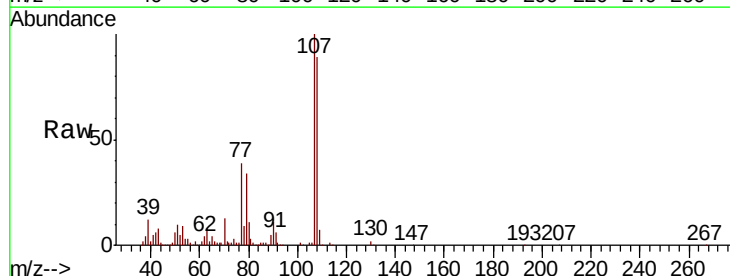
Ion	Ratio	Lower	Upper
107	100		
108	89.1	67.4	107.4
77	39.0	19.7	59.7
79	34.0	14.1	54.1

107 100

108 89.1 67.4 107.4

77 39.0 19.7 59.7

79 34.0 14.1 54.1



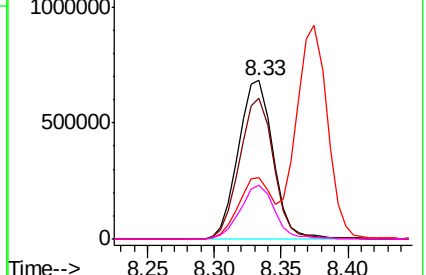
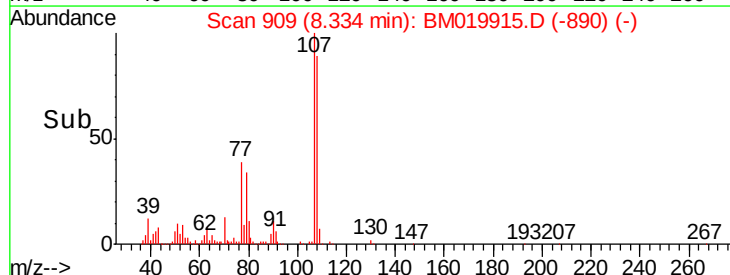
Abundance

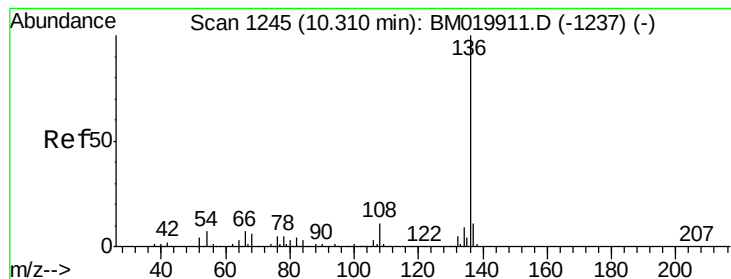
Ion 107.00 (106.70 to 107.70): BM019915.D (-890) (-)

Ion 108.00 (107.70 to 108.70): BM019915.D (-890) (-)

Ion 77.00 (76.70 to 77.70): BM019915.D (-890) (-)

Ion 79.00 (78.70 to 79.70): BM019915.D (-890) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 602963

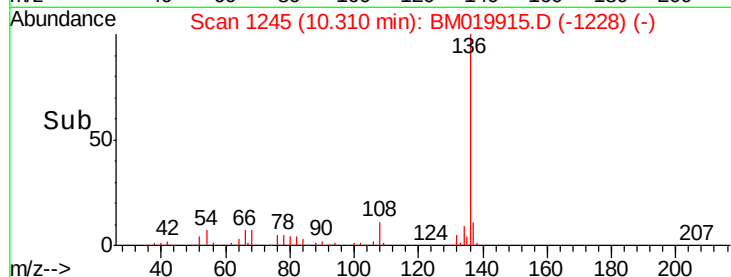
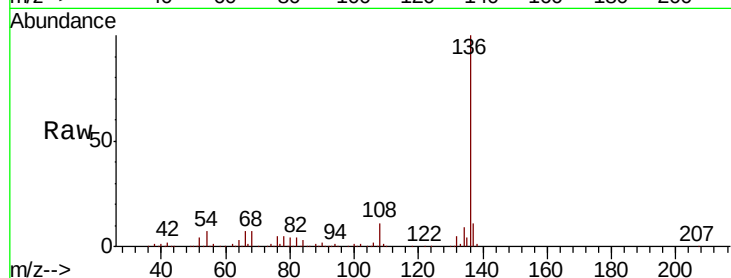
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.8 5.3 7.9

68 7.1 5.2 7.8

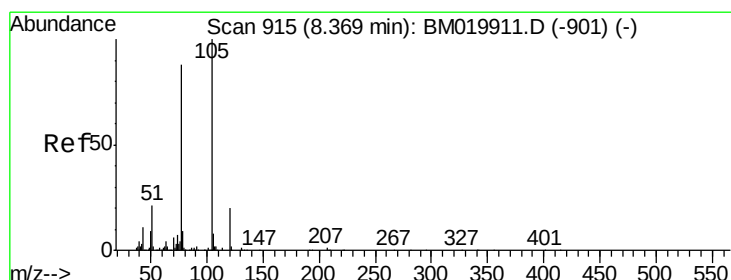
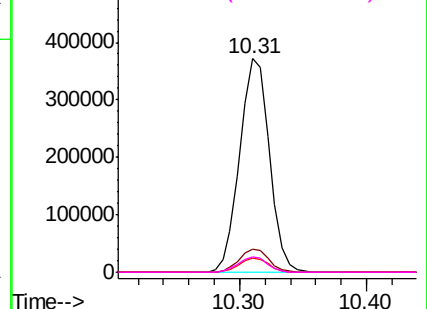


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#22

Acetophenone

Concen: 103.013 ng

RT: 8.37 min Scan# 916

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Tgt Ion:105 Resp: 1716545

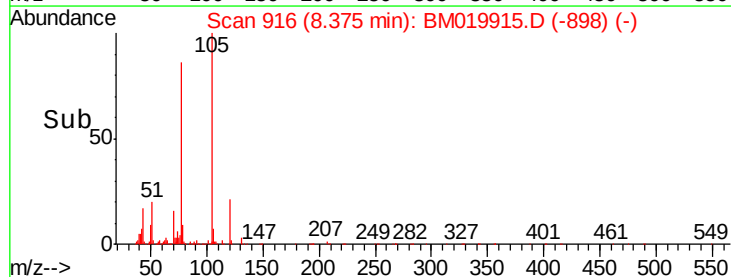
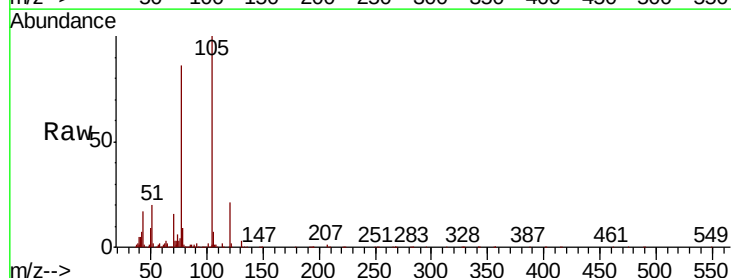
Ion Ratio Lower Upper

105 100

71 2.6 0.8 1.2#

51 20.2 16.9 25.3

120 20.8 16.4 24.6

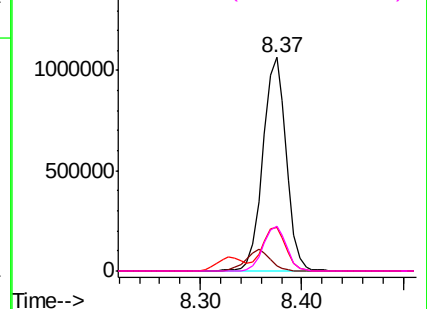


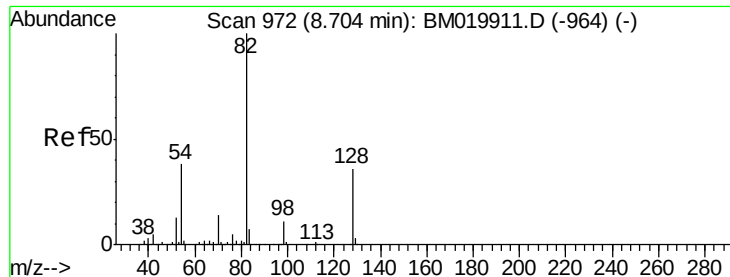
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 219.835 ng

RT: 8.72 min Scan# 974

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

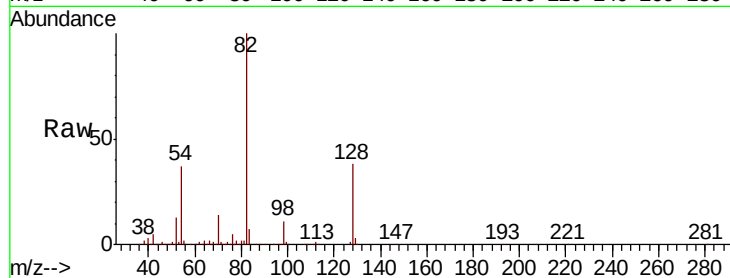
Tot Ion: 82 Resp: 2804147

Ion Ratio Lower Upper

82 100

128 38.0 29.0 43.4

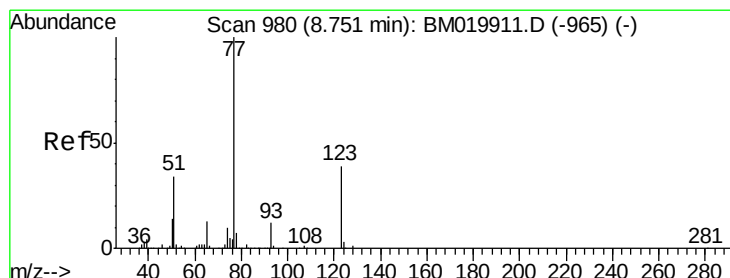
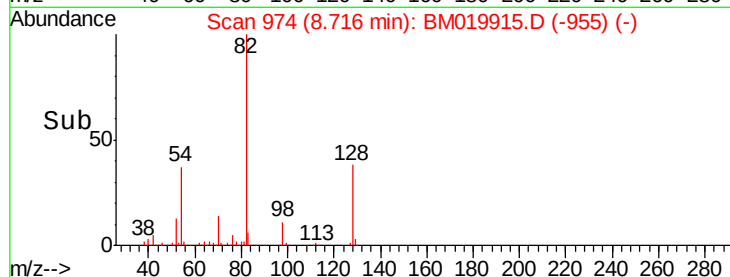
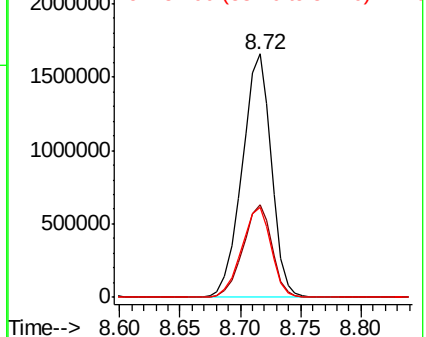
54 36.9 30.2 45.4



Abundance Ion 82.00 (81.70 to 82.70): BM019915.D (-955) (-)

Ion 128.00 (127.70 to 128.70): BM019915.D (-955) (-)

Ion 54.00 (53.70 to 54.70): BM019915.D (-955) (-)



#24

Nitrobenzene

Concen: 108.116 ng

RT: 8.76 min Scan# 981

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

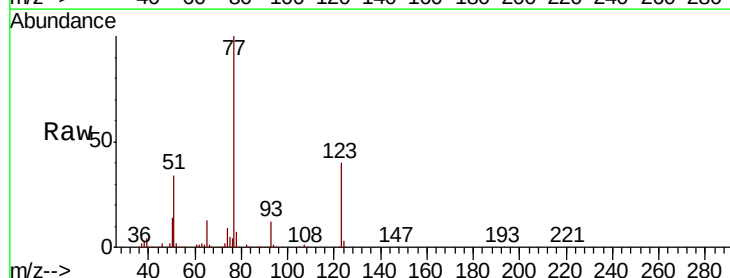
Tgt Ion: 77 Resp: 1434276

Ion Ratio Lower Upper

77 100

123 39.7 31.0 46.4

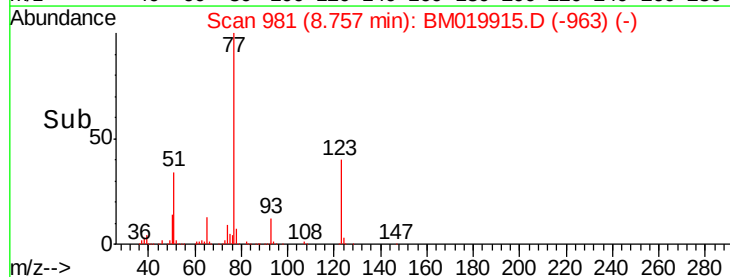
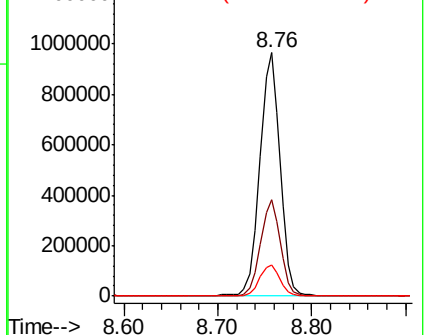
65 13.0 10.6 16.0

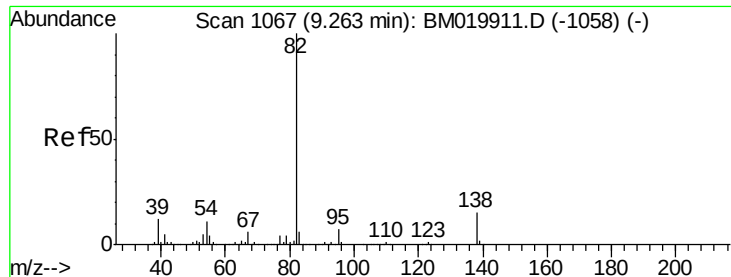


Abundance Ion 77.00 (76.70 to 77.70): BM019915.D (-963) (-)

Ion 123.00 (122.70 to 123.70): BM019915.D (-963) (-)

Ion 65.00 (64.70 to 65.70): BM019915.D (-963) (-)





#25

Isophorone

Concen: 109.145 ng

RT: 9.27 min Scan# 1069

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

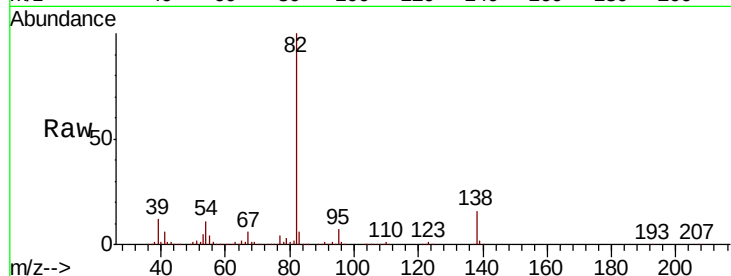
Tot Ion: 82 Resp: 2656578

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

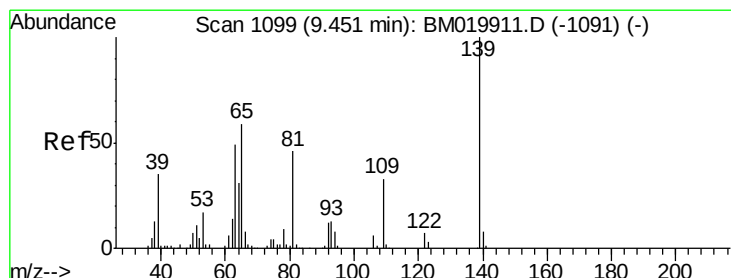
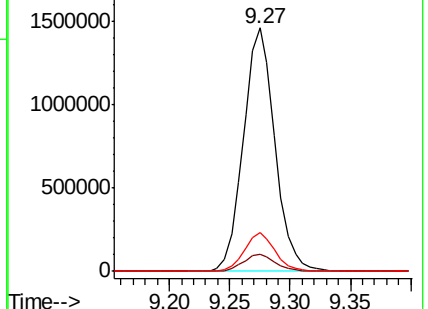
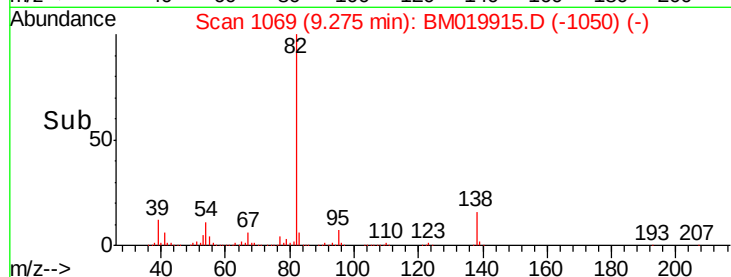
138 15.8 12.2 18.2



Abundance Ion 82.00 (81.70 to 82.70): BM019915.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM019915.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM019915.D (-1058) (-)



#26

2-Nitrophenol

Concen: 115.685 ng

RT: 9.45 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

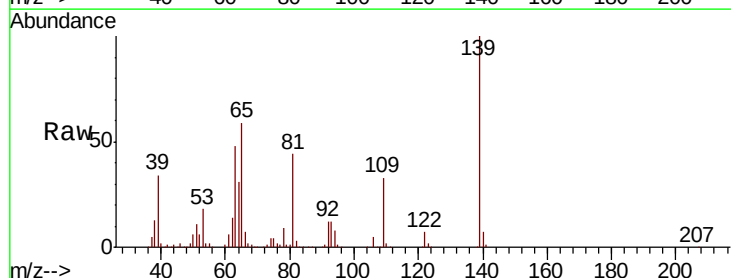
Tgt Ion: 139 Resp: 636142

Ion Ratio Lower Upper

139 100

109 32.8 26.3 39.5

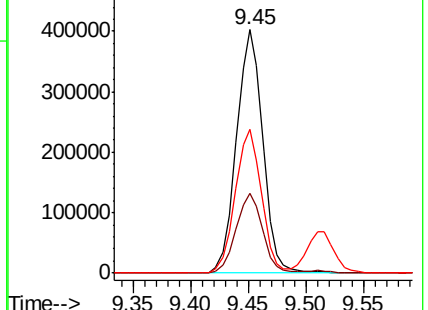
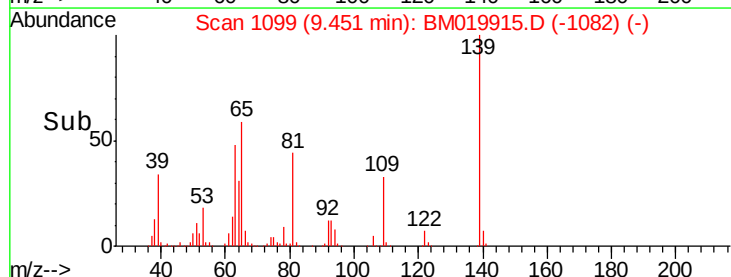
65 59.1 47.4 71.2

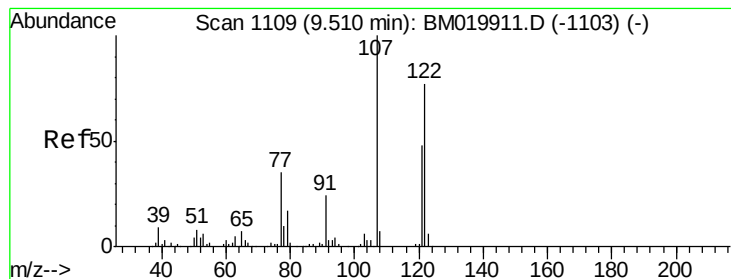


Abundance Ion 139.00 (138.70 to 139.70): BM019915.D (-1082) (-)

Ion 109.00 (108.70 to 109.70): BM019915.D (-1082) (-)

Ion 65.00 (64.70 to 65.70): BM019915.D (-1082) (-)





#27

2,4-Dimethylphenol

Concen: 106.877 ng

RT: 9.52 min Scan# 1110

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

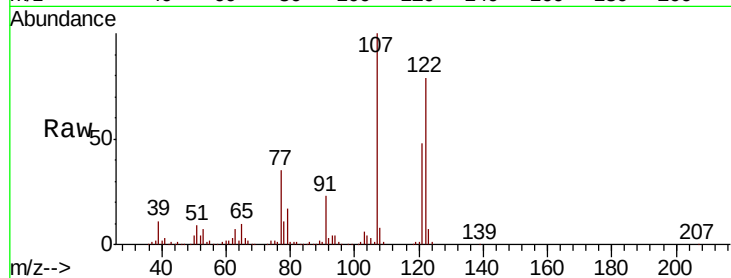
Tot Ion:122 Resp: 873714

Ion Ratio Lower Upper

122 100

107 126.3 103.1 154.7

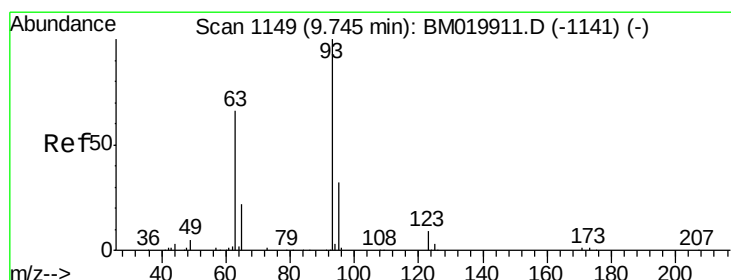
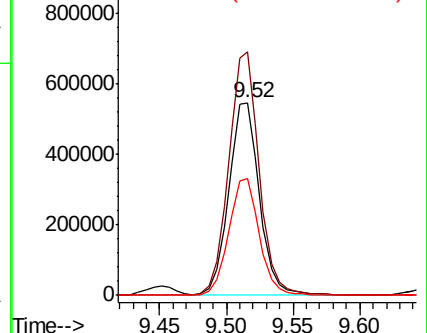
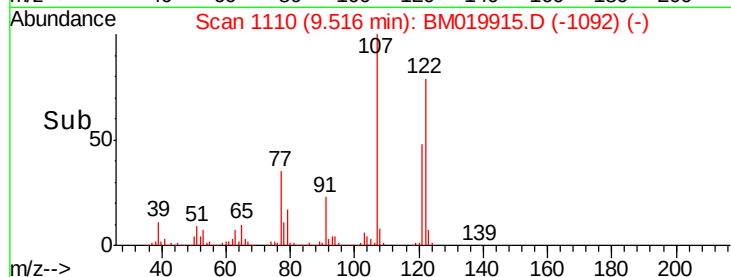
121 60.4 49.8 74.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 105.241 ng

RT: 9.75 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

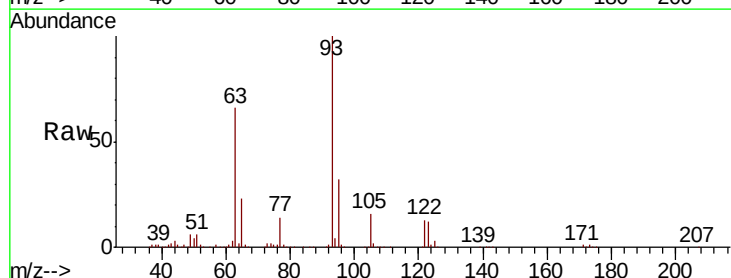
Tgt Ion: 93 Resp: 1516747

Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.8

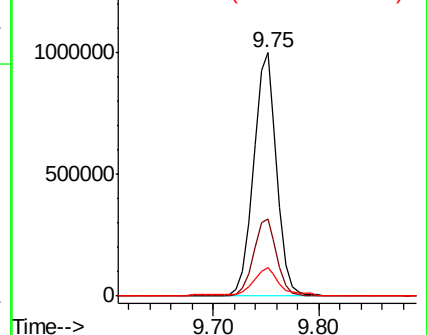
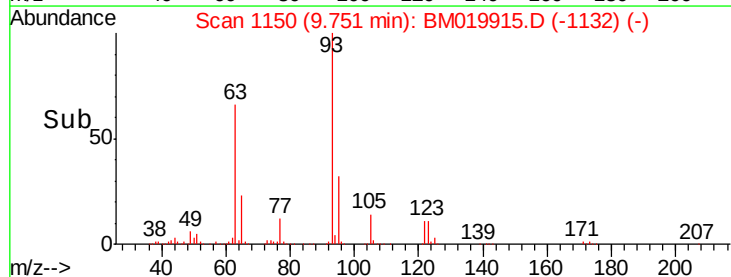
123 11.6 8.2 12.2

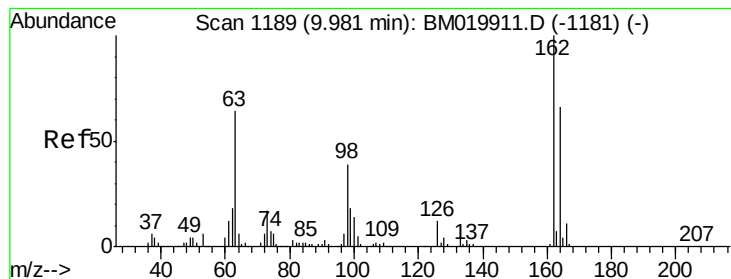


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 111.949 ng

RT: 9.98 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

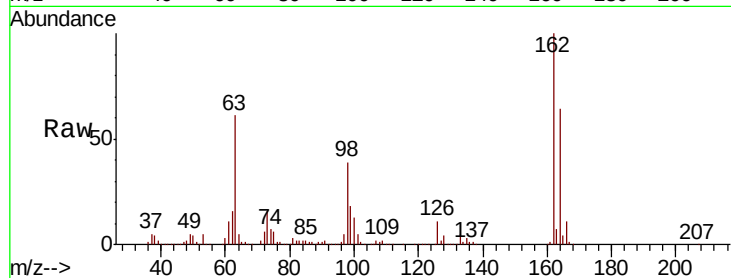
Tot Ion:162 Resp: 1013583

Ion Ratio Lower Upper

162 100

164 64.4 46.3 86.3

98 38.7 19.2 59.2

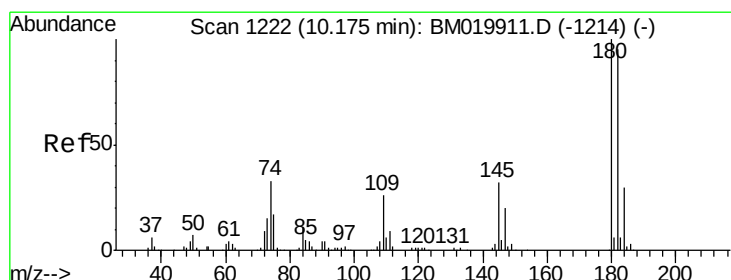
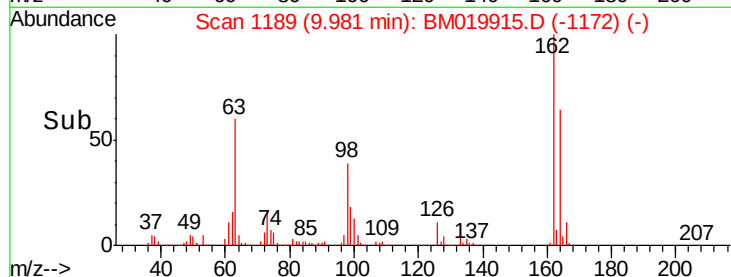
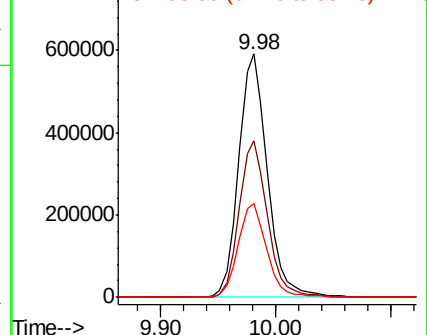


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 103.762 ng

RT: 10.17 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

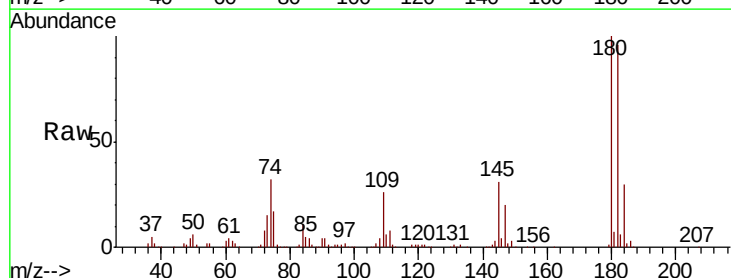
Tgt Ion:180 Resp: 1059324

Ion Ratio Lower Upper

180 100

182 95.8 76.3 114.5

145 30.8 25.5 38.3

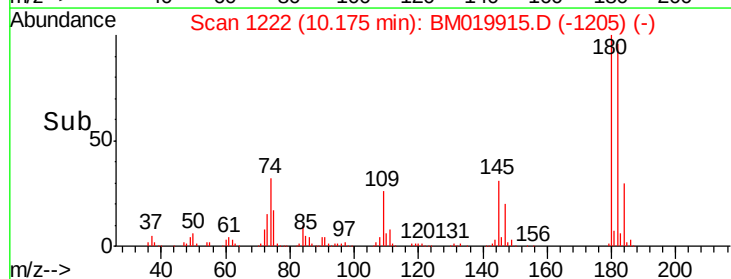
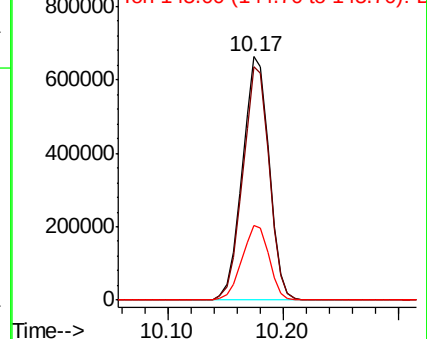


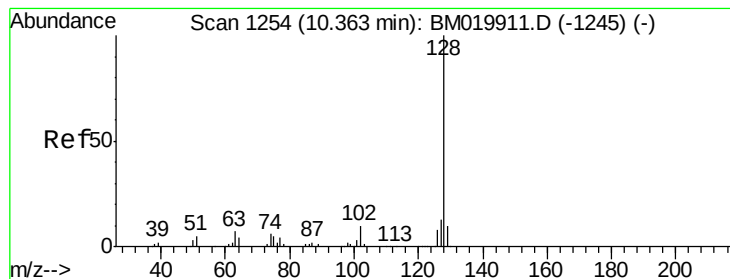
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

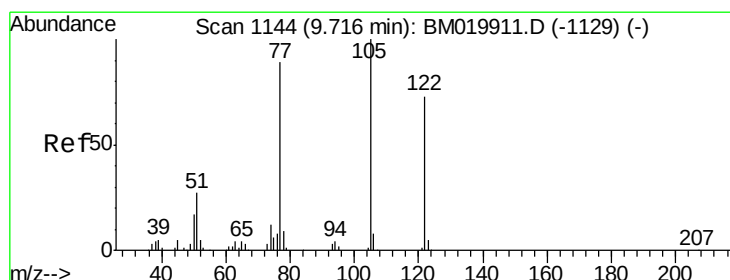
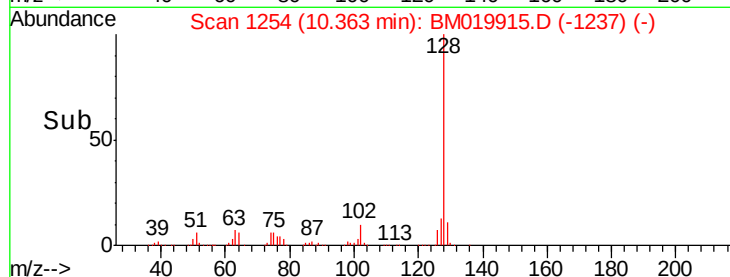
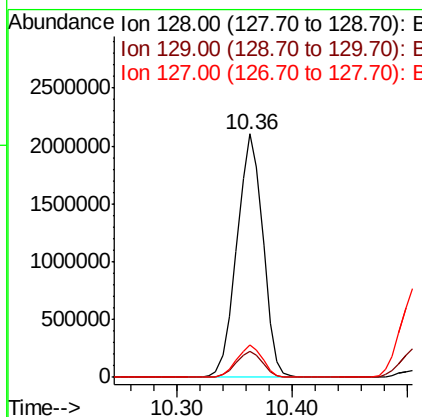
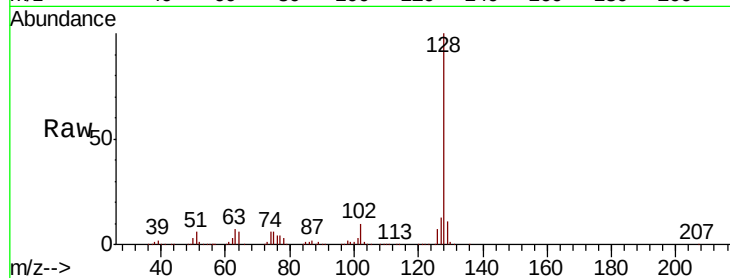




#31
Naphthalene
Concen: 103.610 ng
RT: 10.36 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

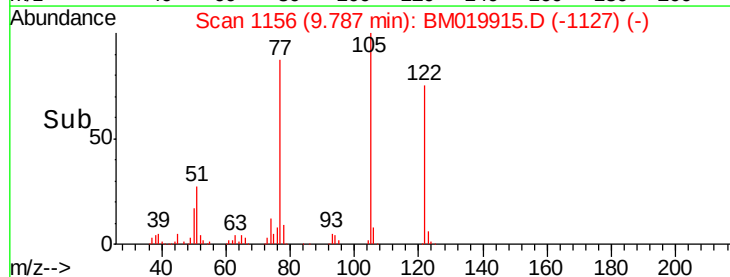
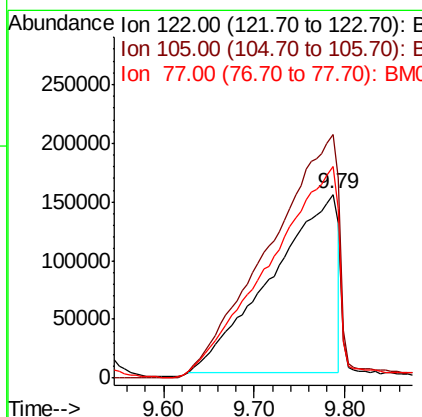
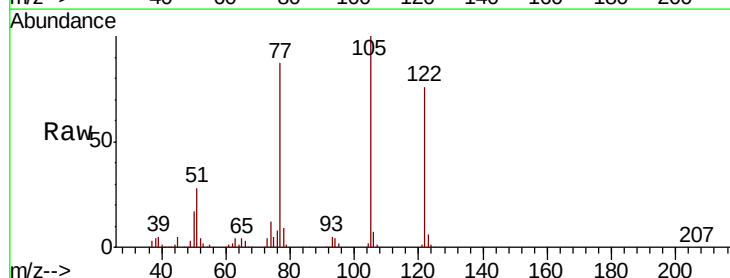
Instrument :
BNA_M
ClientSampled :

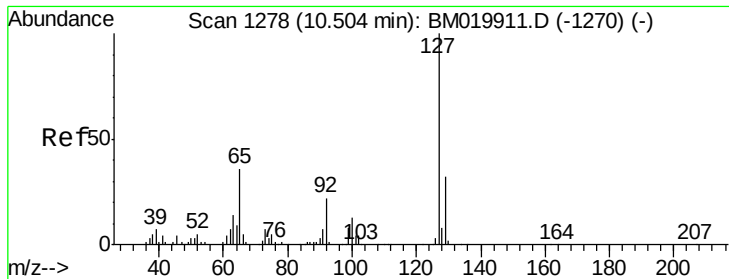
Tot Ion:128 Resp: 3292798
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 110.272 ng
RT: 9.79 min Scan# 1156
Delta R.T. 0.07 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Tgt Ion:122 Resp: 763461
Ion Ratio Lower Upper
122 100
105 132.4 114.8 154.8
77 115.2 100.2 140.2

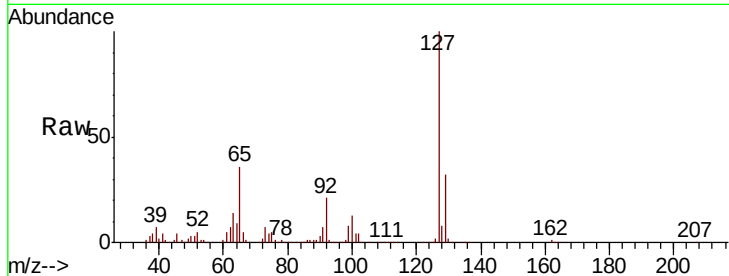




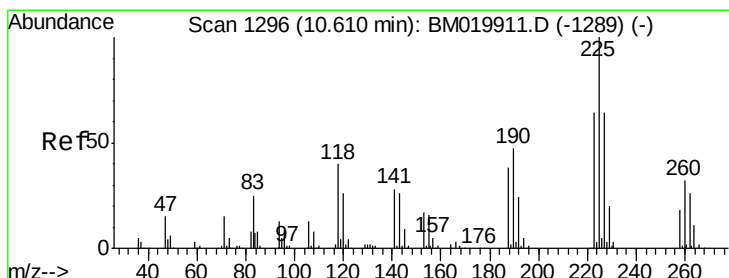
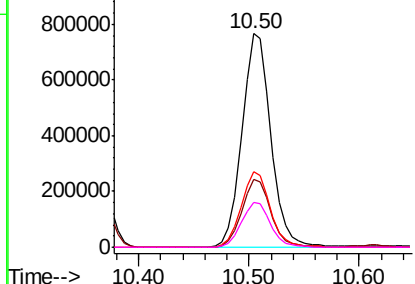
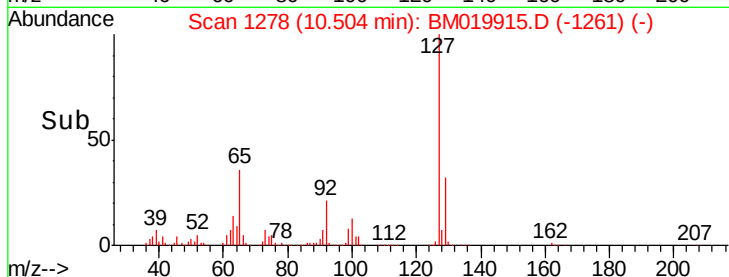
#33
4-Chloroaniline
Concen: 108.259 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:127 Resp: 1410368
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.0
65 35.7 29.2 43.8
92 20.8 17.5 26.3

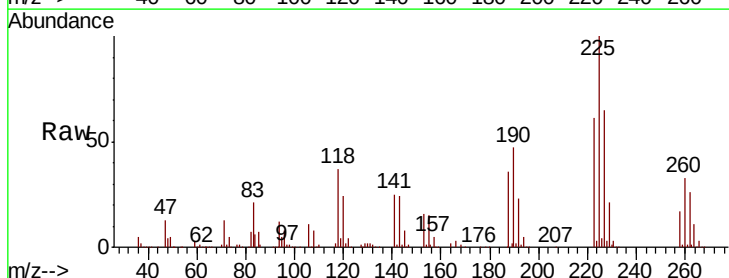


Abundance Ion 127.00 (126.70 to 127.70): E
1200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

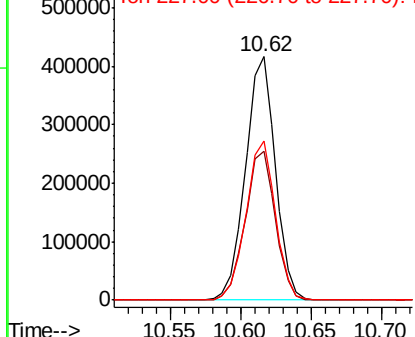
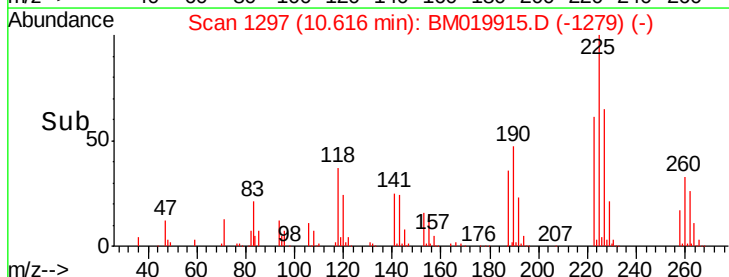


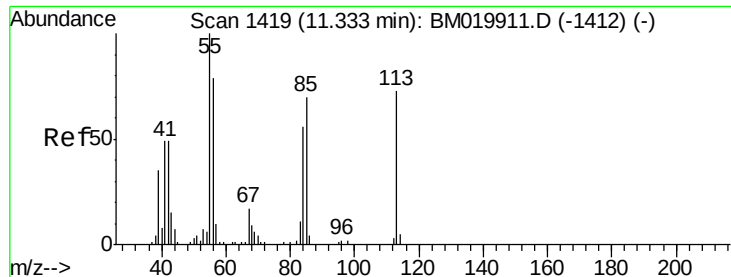
#34
Hexachlorobutadiene
Concen: 105.526 ng
RT: 10.62 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Tgt Ion:225 Resp: 618240
Ion Ratio Lower Upper
225 100
223 61.3 51.4 77.2
227 65.1 51.0 76.6



Abundance Ion 225.00 (224.70 to 225.70): E
500000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 86.763 ng

RT: 11.38 min Scan# 1427

Delta R.T. 0.05 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

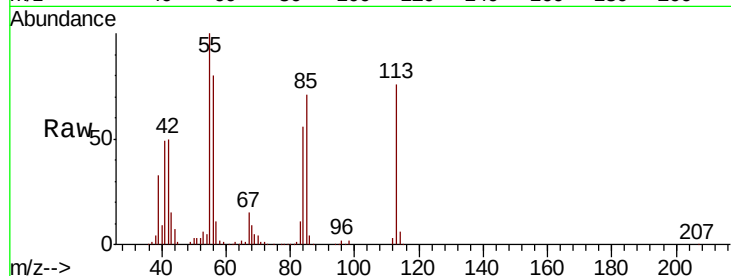
Tot Ion:113 Resp: 279828

Ion Ratio Lower Upper

113 100

55 131.2 117.1 157.1

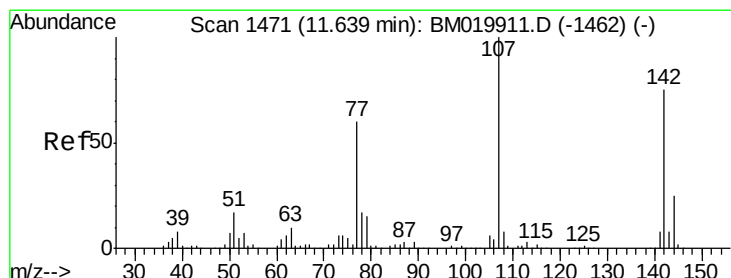
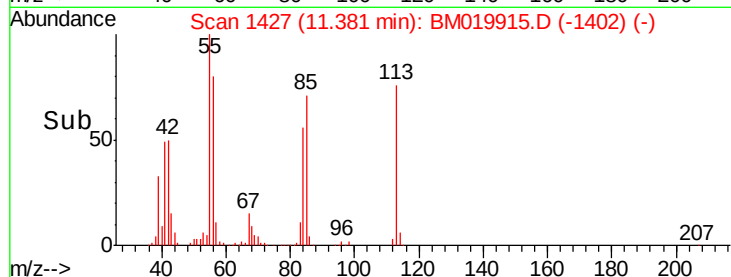
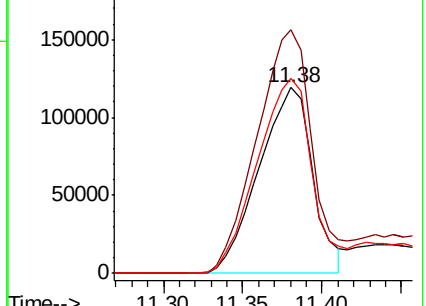
56 105.2 88.2 128.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 110.174 ng

RT: 11.65 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

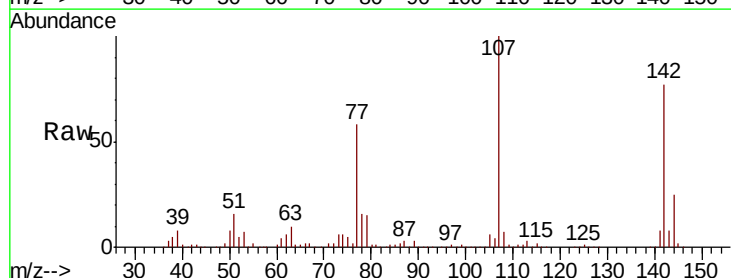
Tgt Ion:107 Resp: 1230814

Ion Ratio Lower Upper

107 100

144 24.8 19.8 29.8

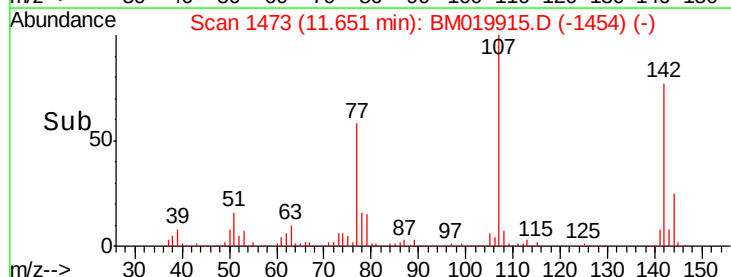
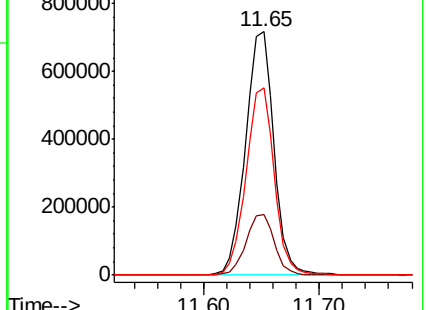
142 76.9 60.3 90.5

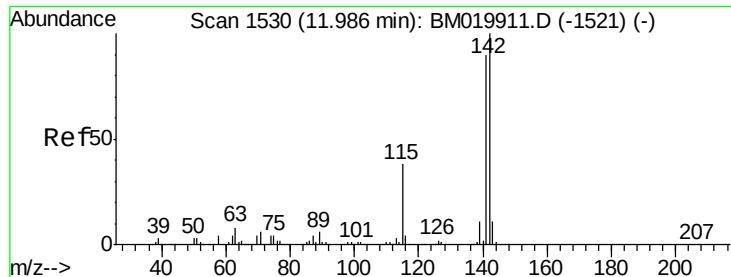


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

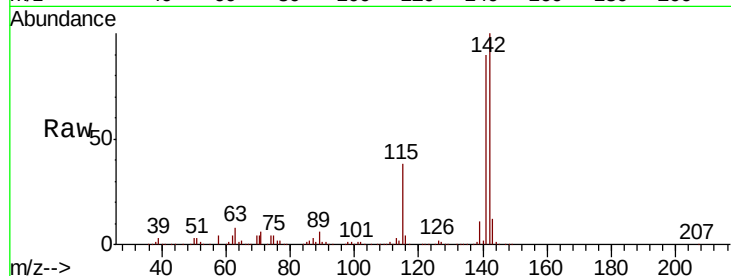




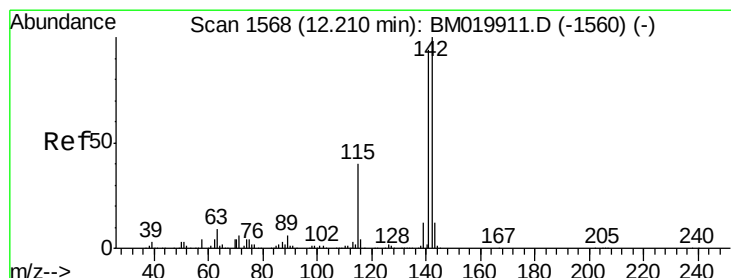
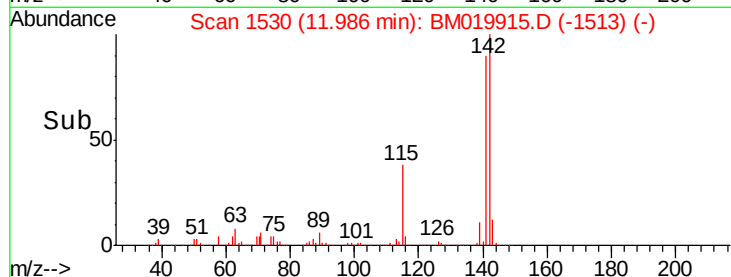
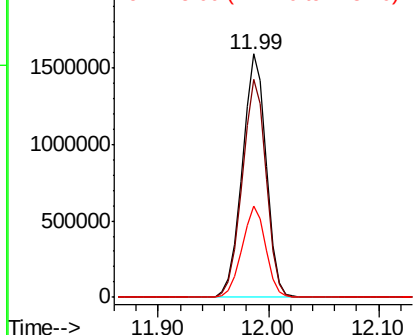
#37
2-Methylnaphthalene
Concen: 104.837 ng
RT: 11.99 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 2421133
Ion Ratio Lower Upper
142 100
141 89.6 72.3 108.5
115 37.6 30.5 45.7

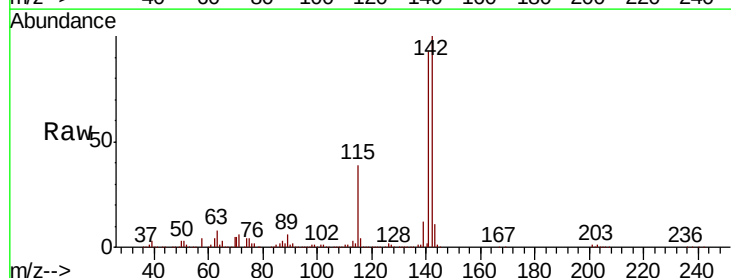


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

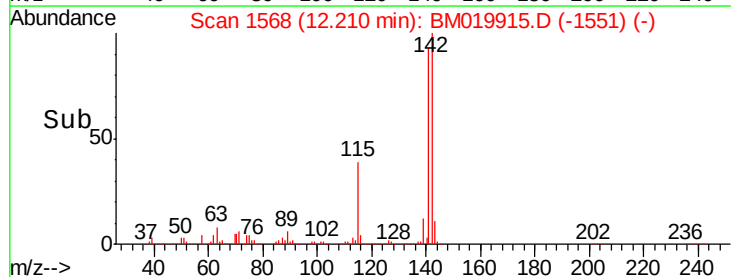
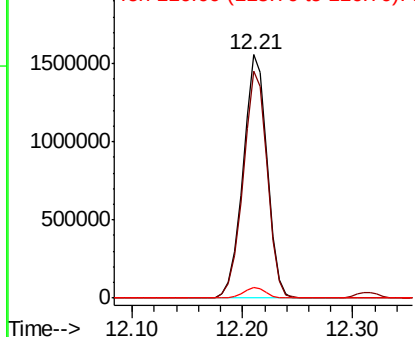


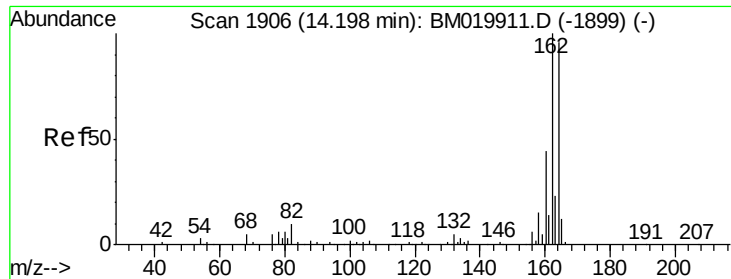
#38
1-Methylnaphthalene
Concen: 104.373 ng
RT: 12.21 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Tgt Ion:142 Resp: 2375858
Ion Ratio Lower Upper
142 100
141 93.4 75.7 113.5
116 4.2 3.4 5.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

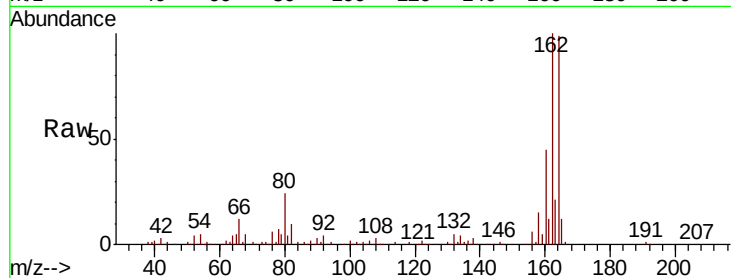
Tot Ion:164 Resp: 361870

Ion Ratio Lower Upper

164 100

162 101.1 83.0 124.4

160 45.5 36.6 55.0

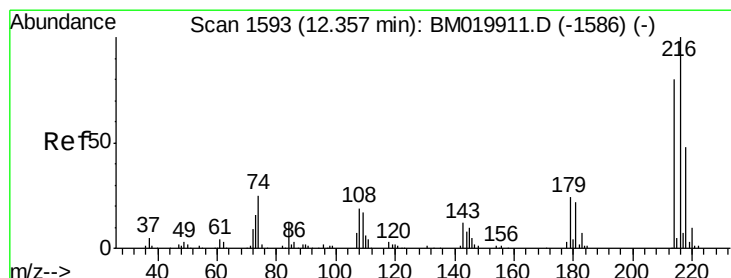
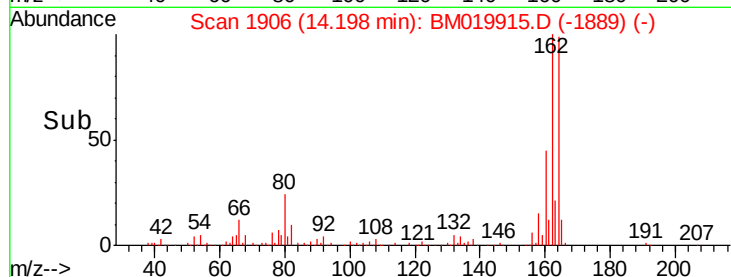
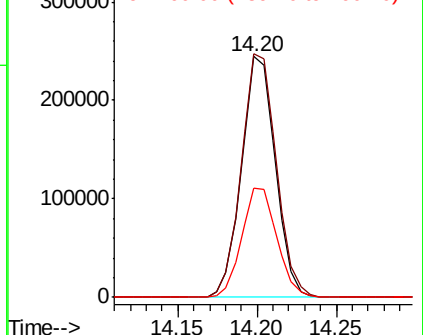


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 101.778 ng

RT: 12.36 min Scan# 1594

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Tgt Ion:216 Resp: 1165042

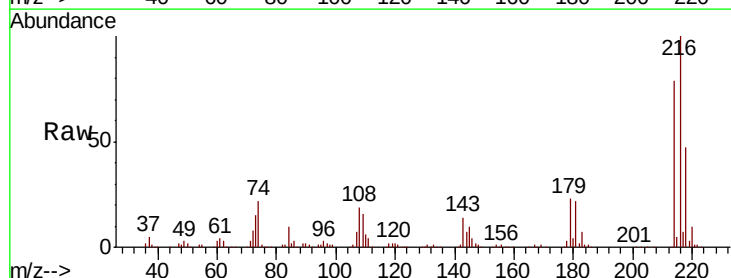
Ion Ratio Lower Upper

216 100

214 79.1 63.1 94.7

179 23.4 19.0 28.6

108 19.4 16.3 24.5



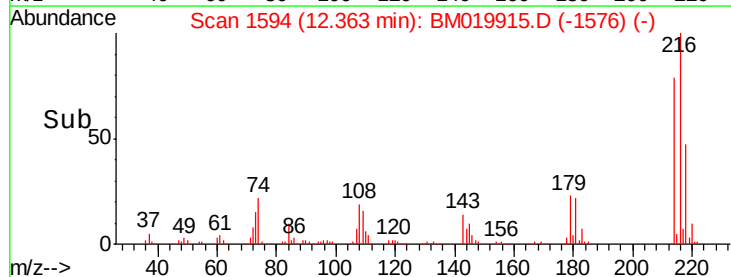
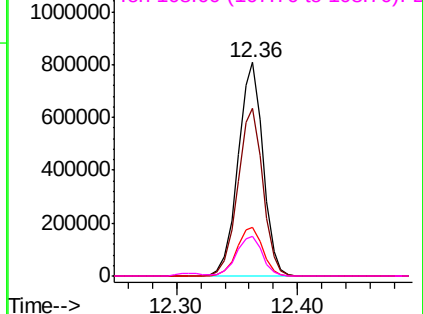
Abundance

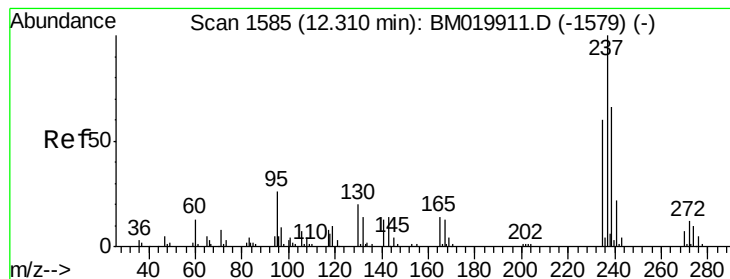
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.387 ng

RT: 12.32 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

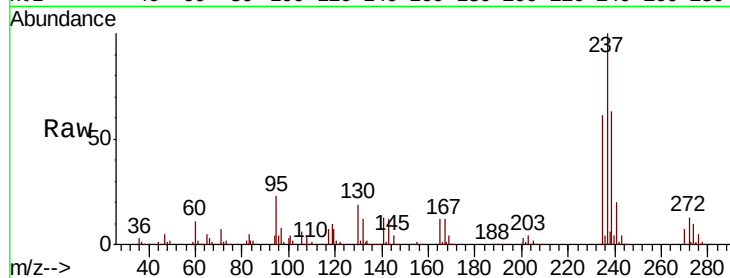
Tot Ion:237 Resp: 421990

Ion Ratio Lower Upper

237 100

235 60.7 40.4 80.4

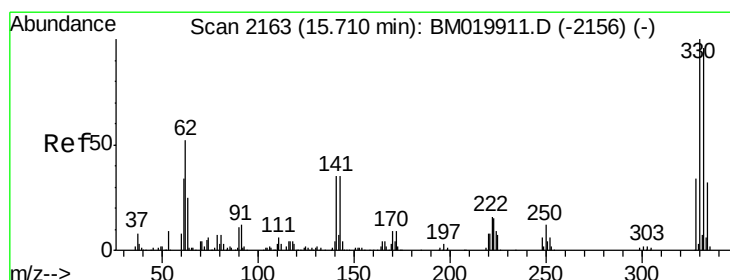
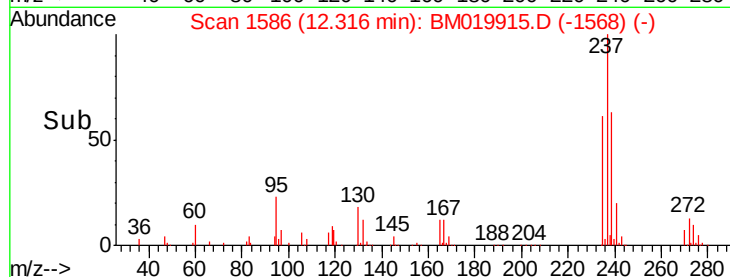
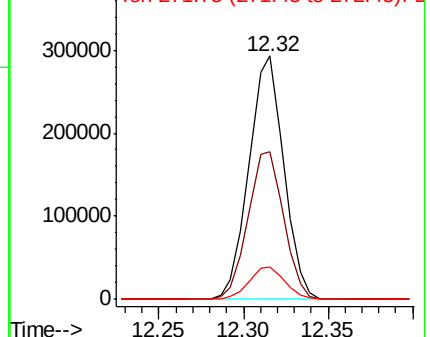
272 13.4 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 239.001 ng

RT: 15.72 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

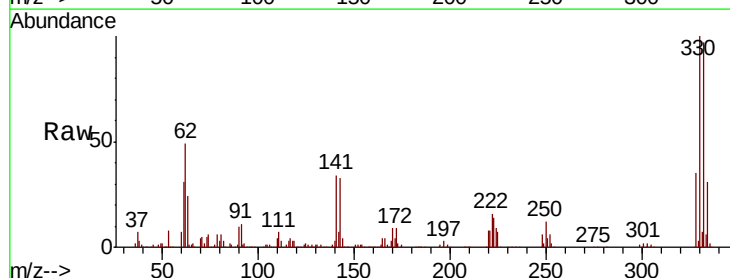
Tgt Ion:330 Resp: 1276956

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

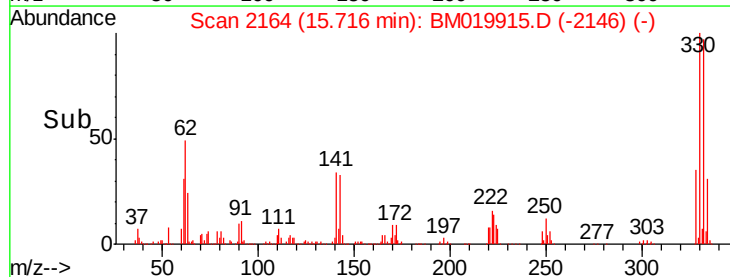
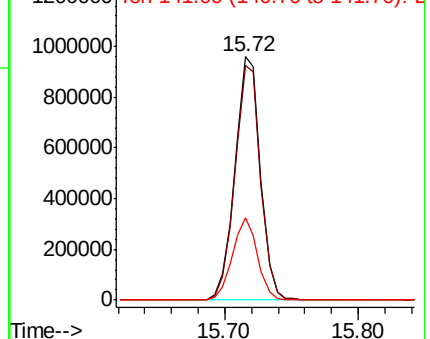
141 33.4 29.0 43.4

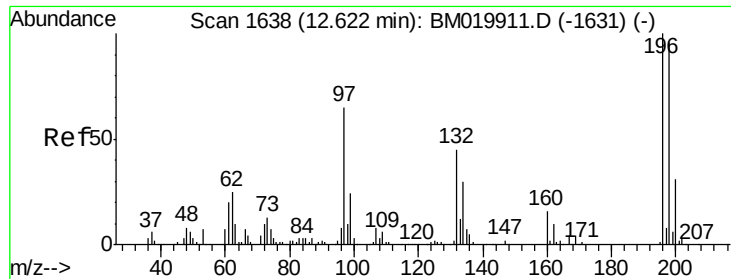


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

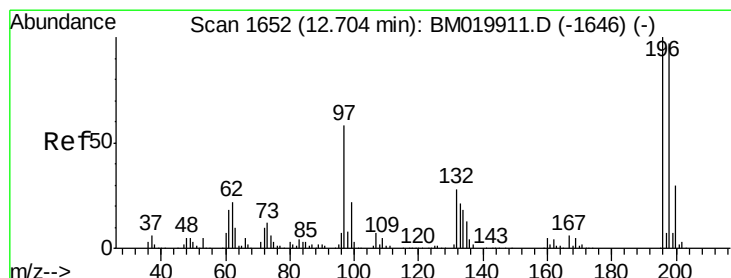
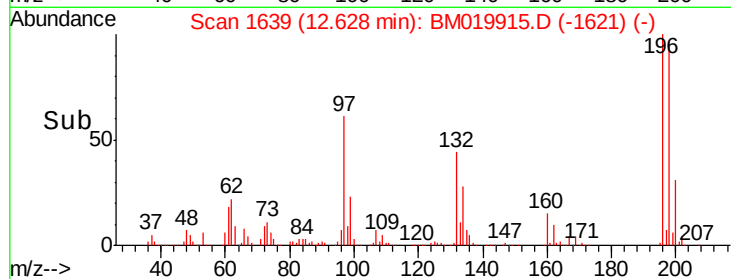
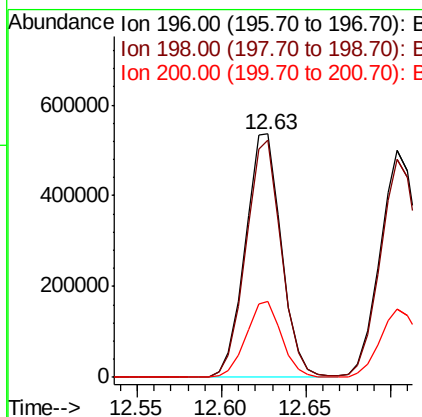
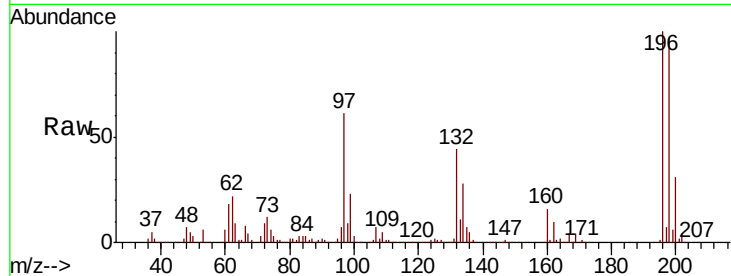




#43
 2,4,6-Trichlorophenol
 Concen: 107.984 ng
 RT: 12.63 min Scan# 1639
 Delta R.T. 0.01 min
 Lab File: BM019915.D
 Acq: 15 Apr 2019 14:53

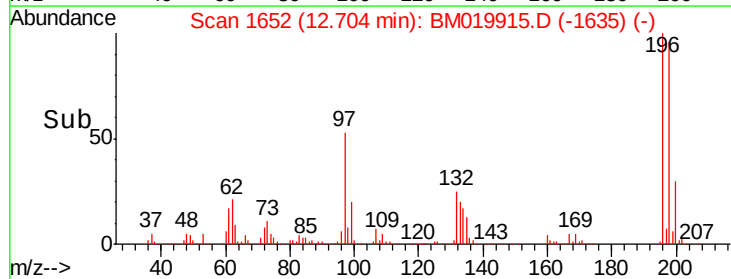
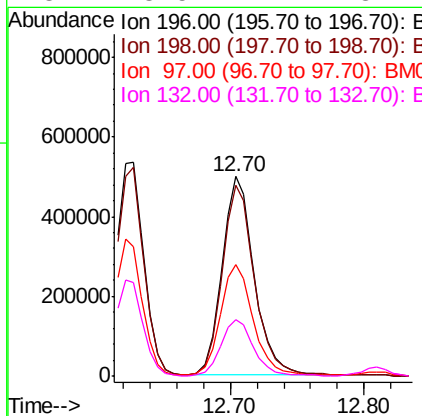
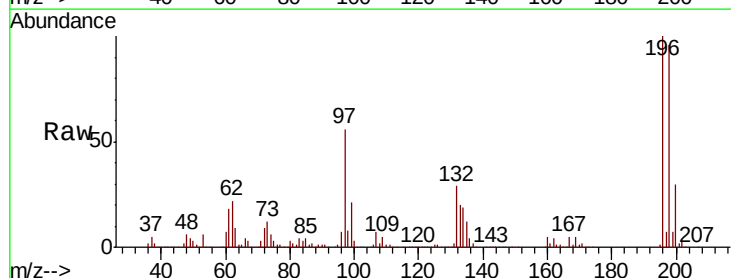
Instrument :
 BNA_M
 ClientSampleId :

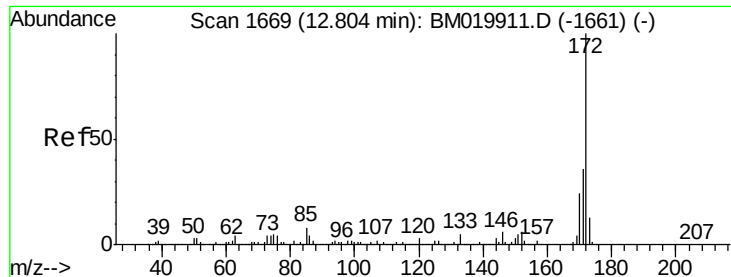
Tot Ion:196 Resp: 798810
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.8 115.2
 200 31.3 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 105.657 ng
 RT: 12.70 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BM019915.D
 Acq: 15 Apr 2019 14:53

Tgt Ion:196 Resp: 835782
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.8 116.8
 97 55.9 46.2 69.2
 132 28.5 22.7 34.1

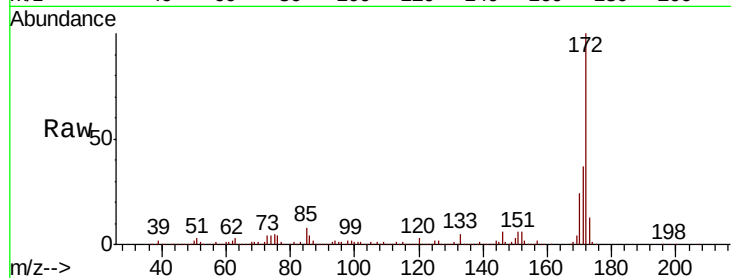




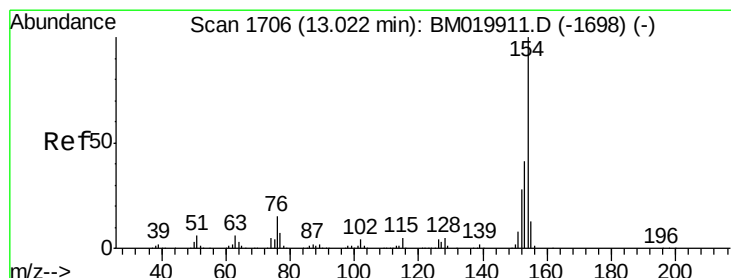
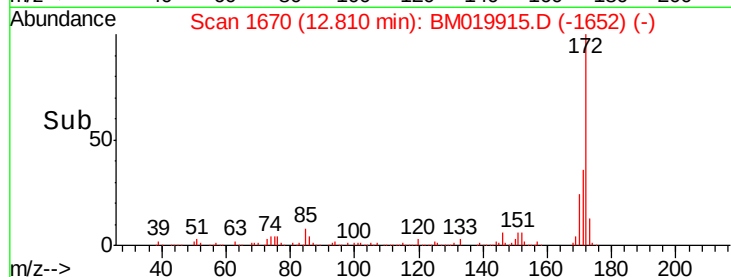
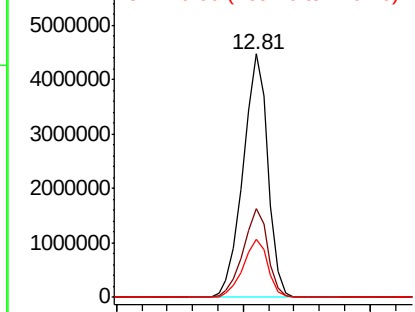
#45
2-Fluorobiphenyl
Concen: 218.108 ng
RT: 12.81 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 6067740
Ion Ratio Lower Upper
172 100
171 36.6 28.9 43.3
170 23.8 19.0 28.4

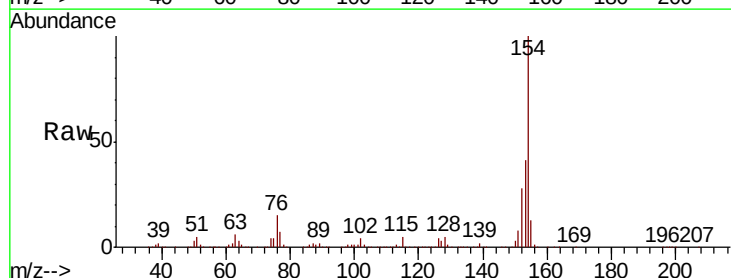


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

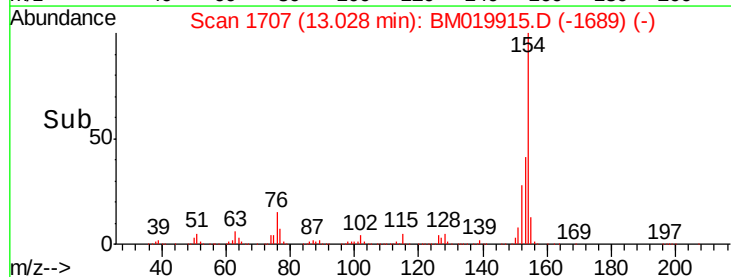
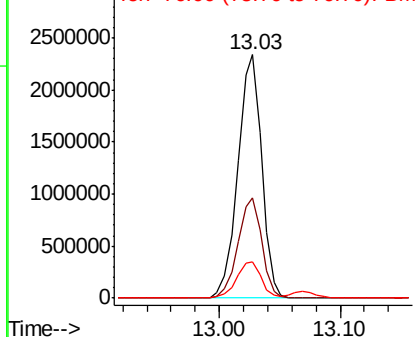


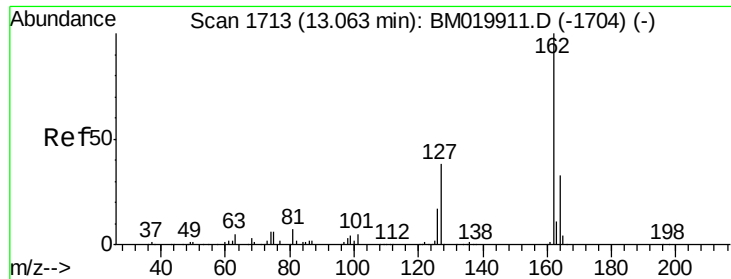
#46
1,1'-Biphenyl
Concen: 101.742 ng
RT: 13.03 min Scan# 1707
Delta R.T. 0.01 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Tgt Ion:154 Resp: 3215297
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 15.0 0.0 34.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

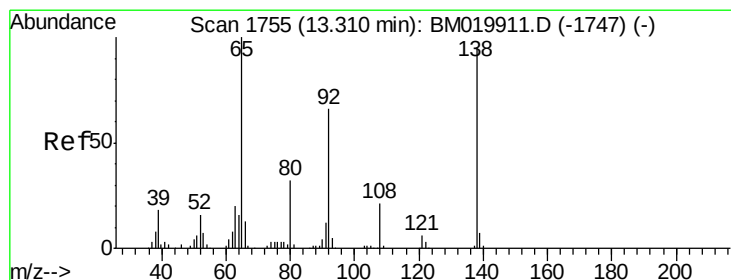
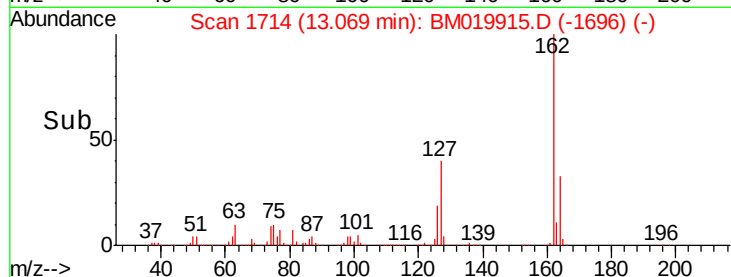
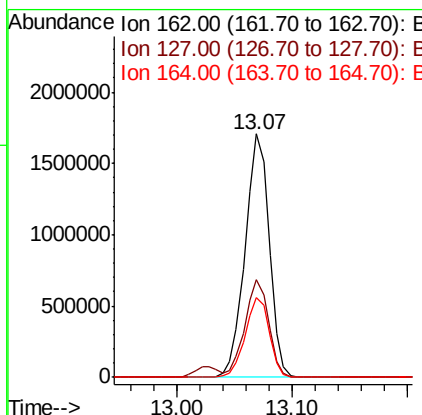
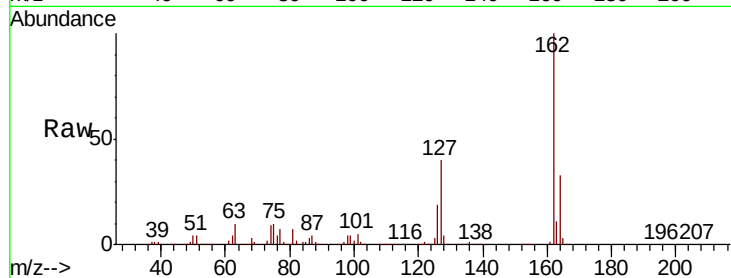




#47
2-Chloronaphthalene
Concen: 105.011 ng
RT: 13.07 min Scan# 1714
Delta R.T. 0.01 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

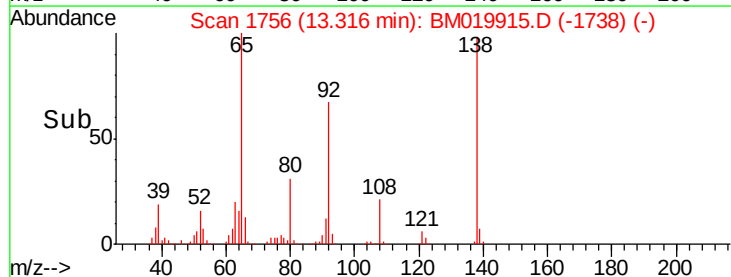
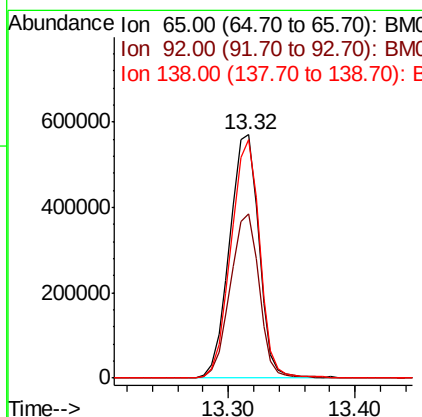
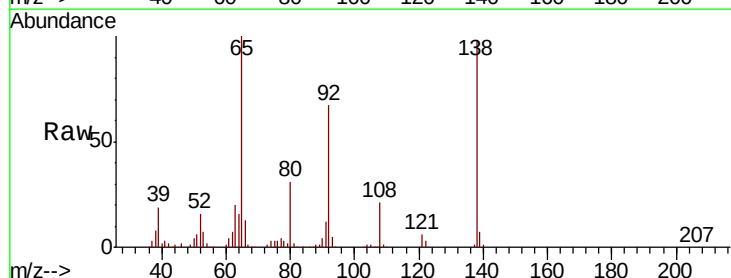
Instrument :
BNA_M
ClientSampled :

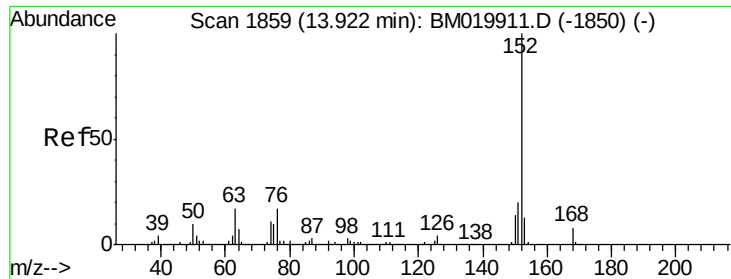
Tot Ion:162 Resp: 2477133
Ion Ratio Lower Upper
162 100
127 39.9 32.3 48.5
164 32.6 26.3 39.5



#48
2-Nitroaniline
Concen: 115.625 ng
RT: 13.32 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Tgt Ion: 65 Resp: 914727
Ion Ratio Lower Upper
65 100
92 67.3 52.9 79.3
138 98.0 75.8 113.6





#49

Acenaphthylene

Concen: 108.155 ng

RT: 13.93 min Scan# 1860

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

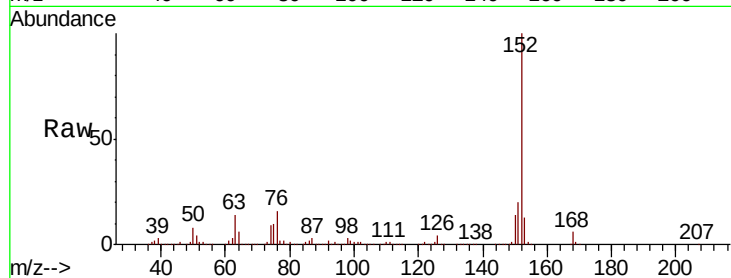
Tot Ion:152 Resp: 4313834

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

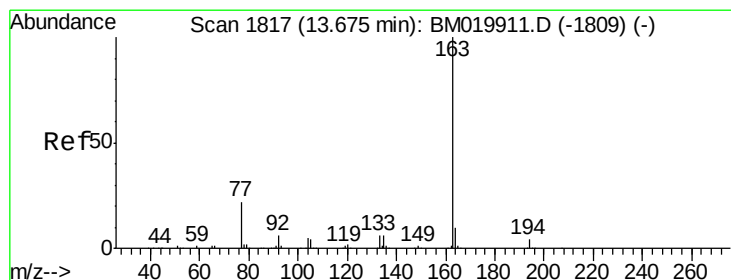
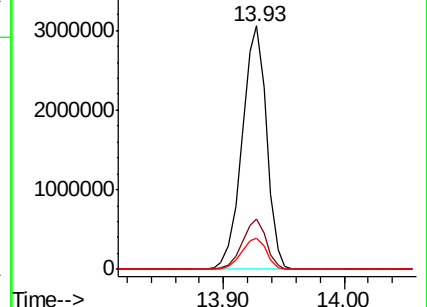
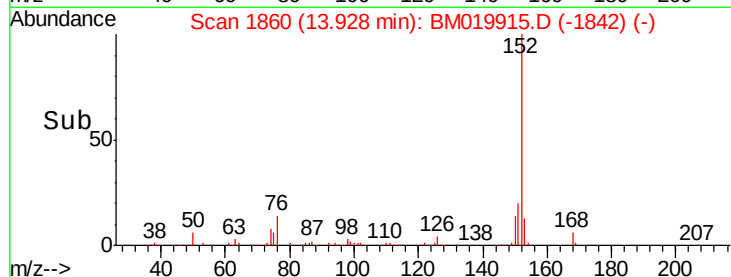
153 13.0 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 104.142 ng

RT: 13.68 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

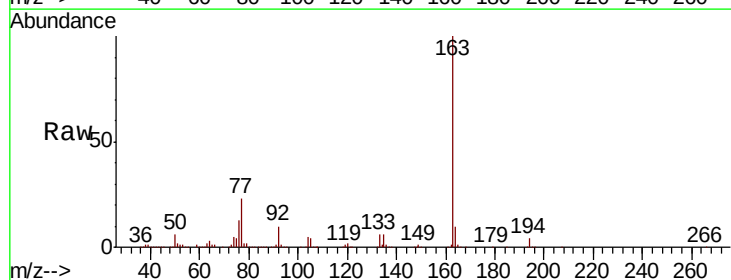
Tgt Ion:163 Resp: 3223839

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

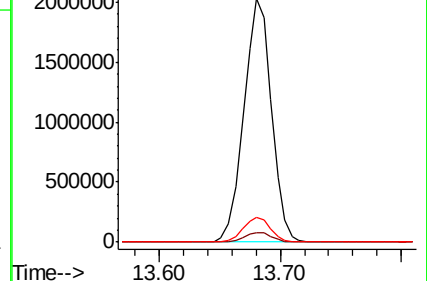
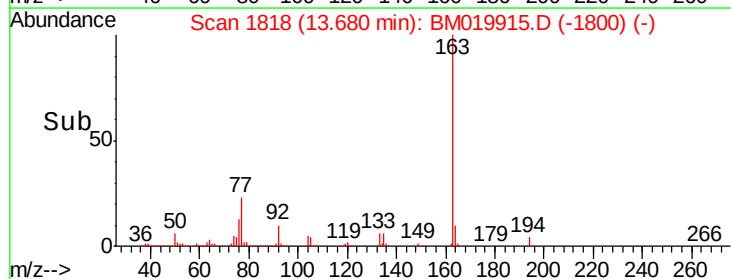
164 10.1 7.9 11.9

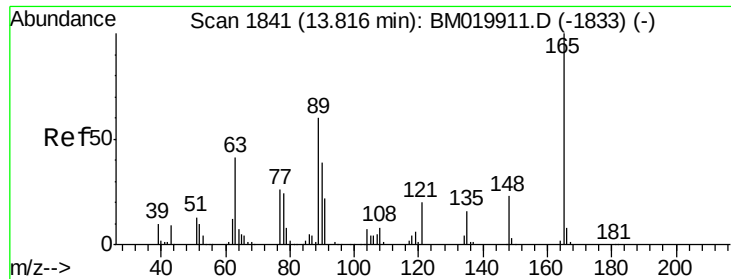


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 108.704 ng

RT: 13.82 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

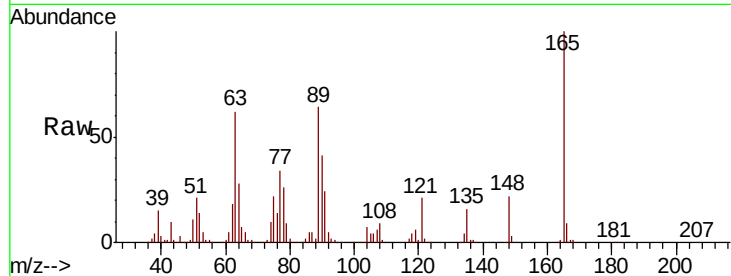
Tot Ion:165 Resp: 727433

Ion Ratio Lower Upper

165 100

63 62.4 48.5 72.7

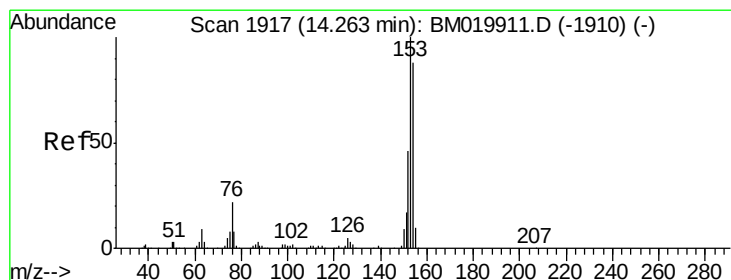
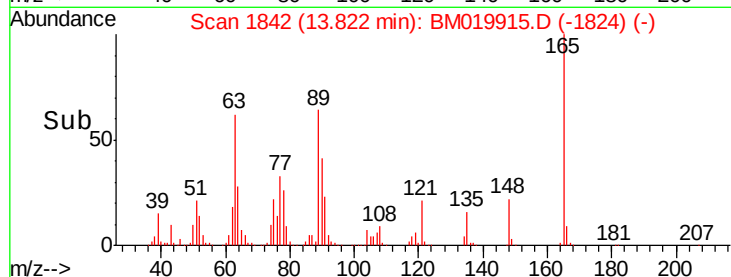
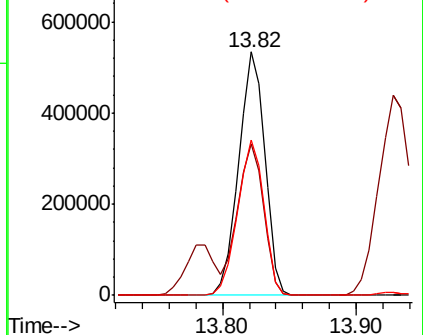
89 63.8 48.2 72.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 104.194 ng

RT: 14.27 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

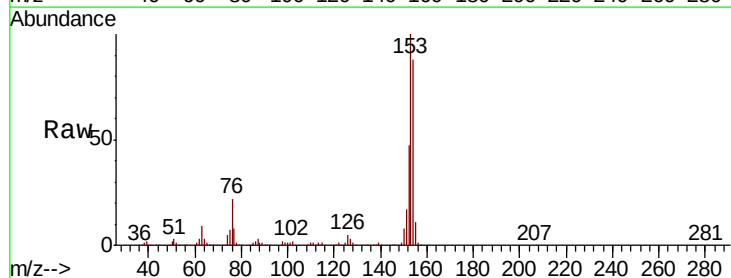
Tgt Ion:154 Resp: 2387982

Ion Ratio Lower Upper

154 100

153 113.2 91.0 136.4

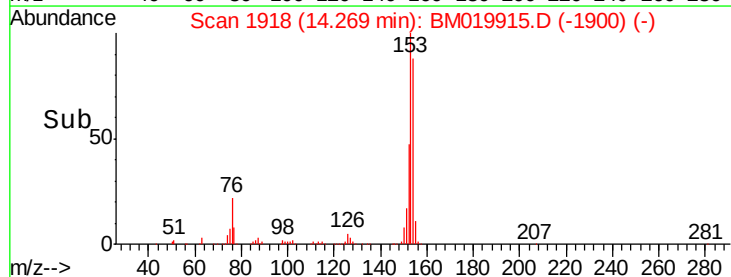
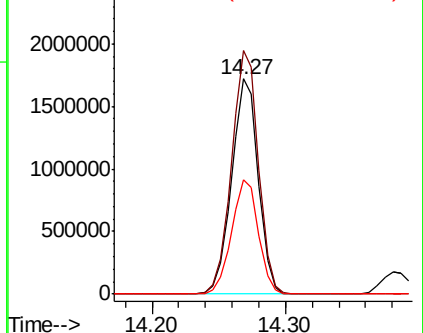
152 53.0 42.2 63.2

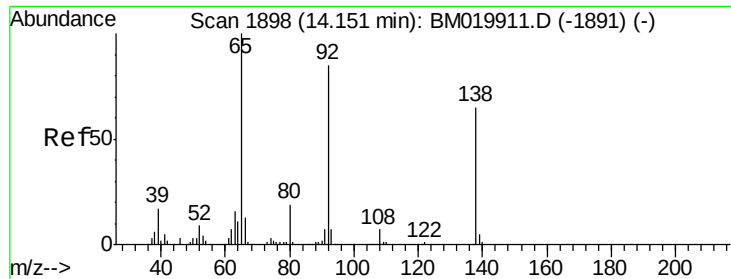


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

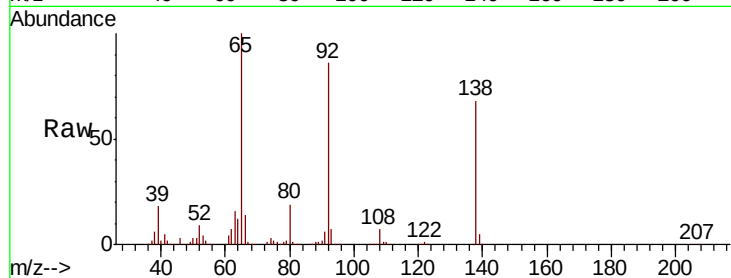




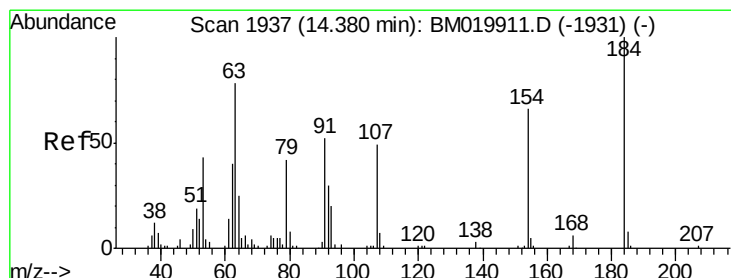
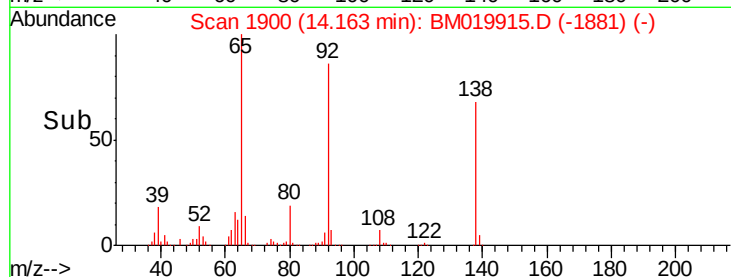
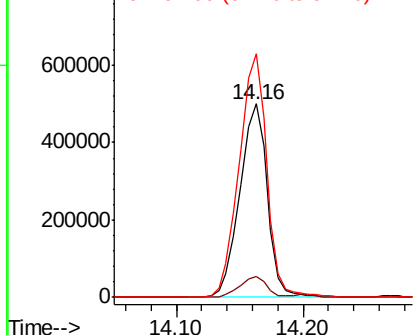
#53
3-Nitroaniline
Concen: 106.481 ng
RT: 14.16 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 754685
Ion Ratio Lower Upper
138 100
108 11.0 8.9 13.3
92 125.8 103.8 155.8

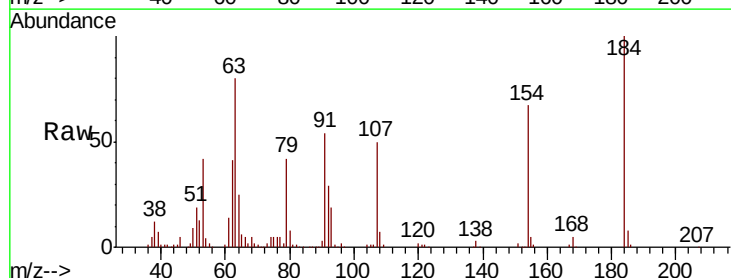


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

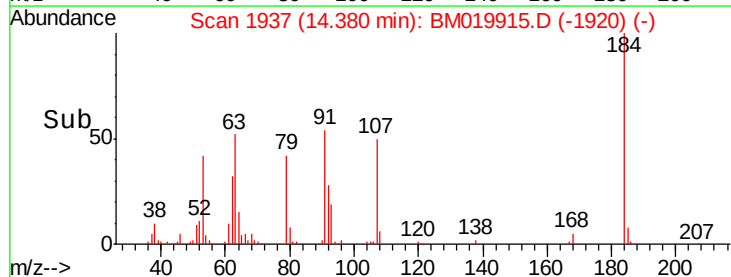
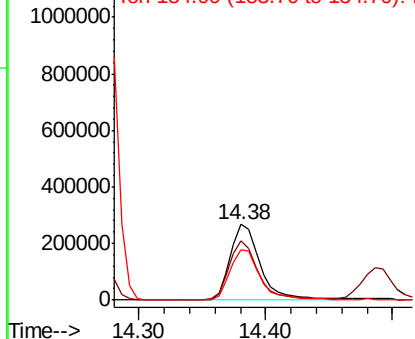


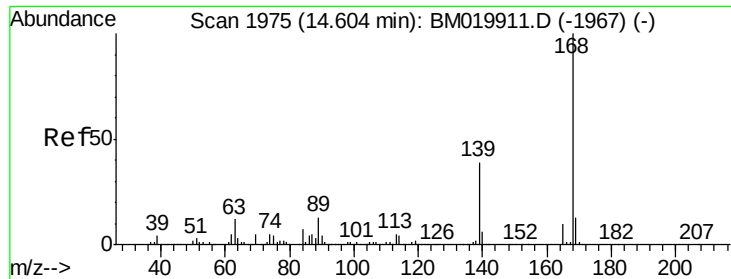
#54
2,4-Dinitrophenol
Concen: 112.362 ng
RT: 14.38 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Tgt Ion:184 Resp: 436669
Ion Ratio Lower Upper
184 100
63 79.5 62.3 93.5
154 67.1 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

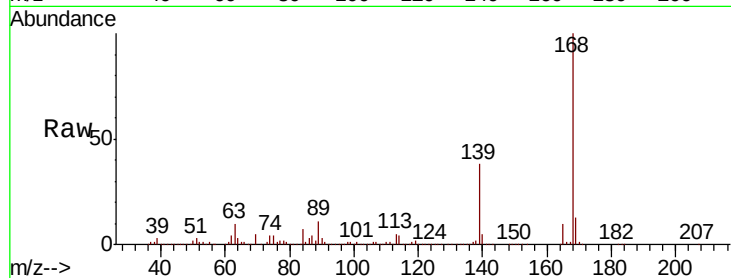




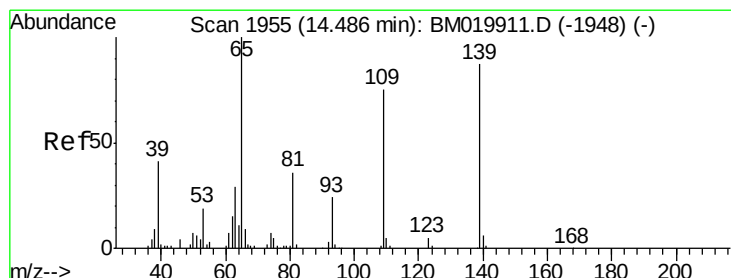
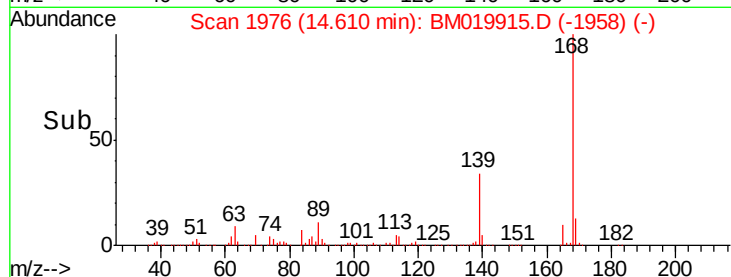
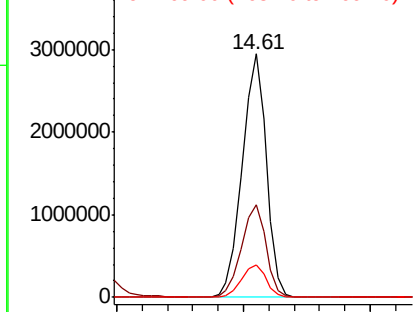
#55
Dibenzofuran
Concen: 105.231 ng
RT: 14.61 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 3889422
Ion Ratio Lower Upper
168 100
139 38.1 31.5 47.3
169 13.5 10.6 16.0

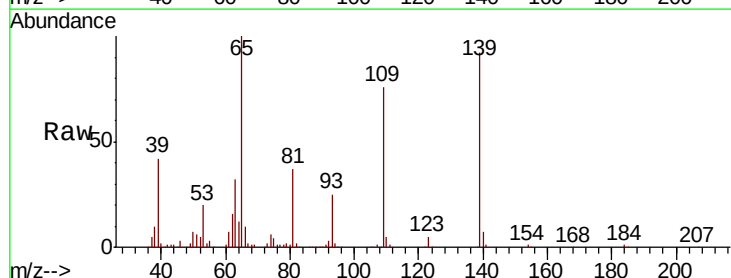


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

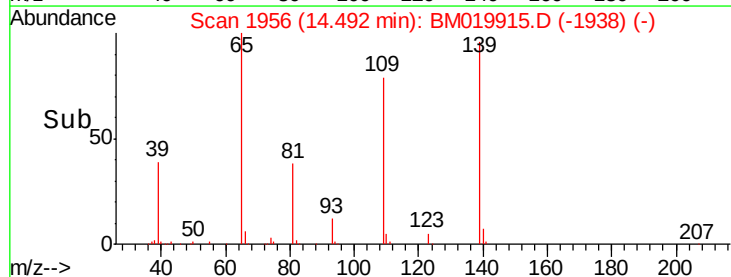
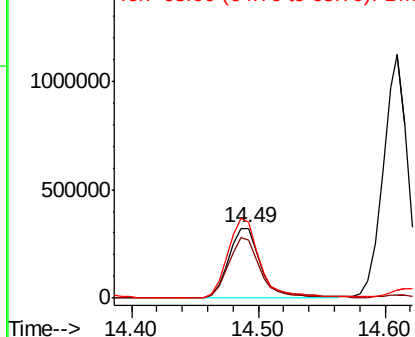


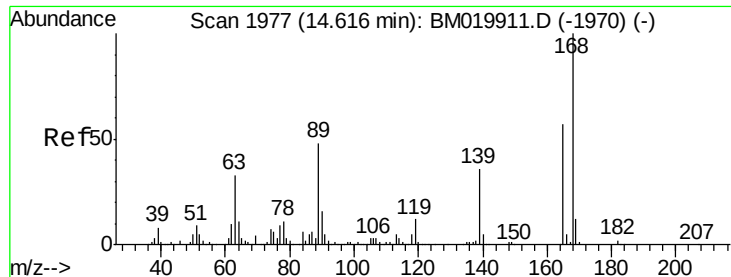
#56
4-Nitrophenol
Concen: 98.432 ng
RT: 14.49 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Tgt Ion:139 Resp: 569597
Ion Ratio Lower Upper
139 100
109 82.2 65.3 105.3
65 108.4 94.9 134.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

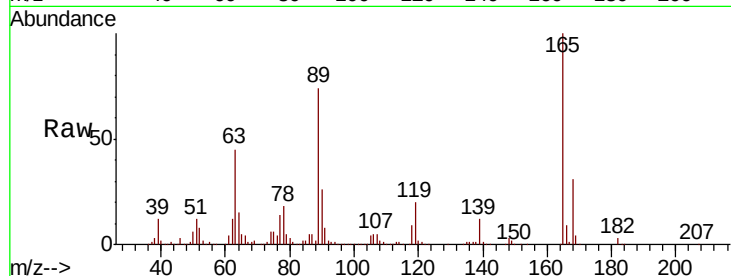




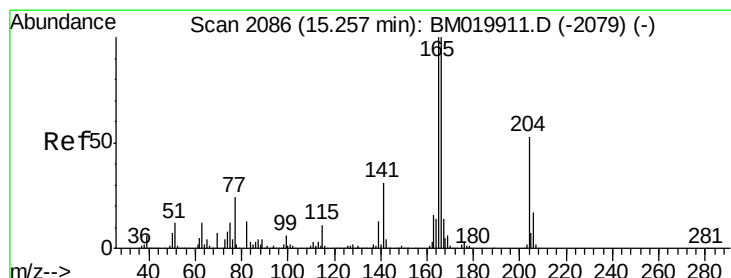
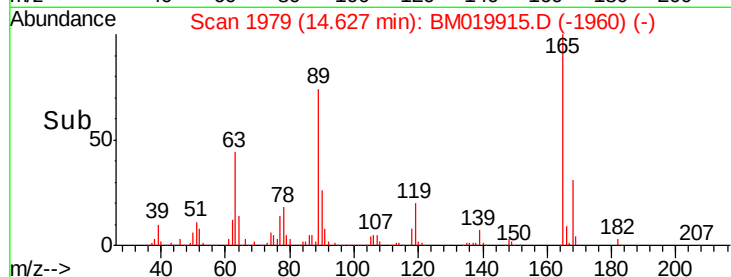
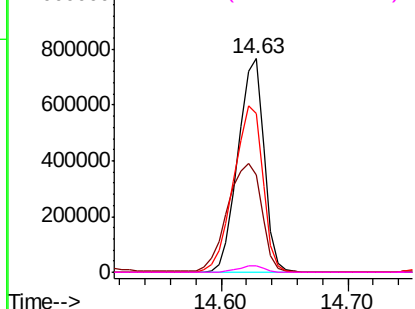
#57
 2,4-Dinitrotoluene
 Concen: 111.858 ng
 RT: 14.63 min Scan# 1979
 Delta R.T. 0.01 min
 Lab File: BM019915.D
 Acq: 15 Apr 2019 14:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:165 Resp: 1086566
 Ion Ratio Lower Upper
 165 100
 63 45.5 46.0 69.0#
 89 74.2 67.5 101.3
 182 2.8 2.4 3.6

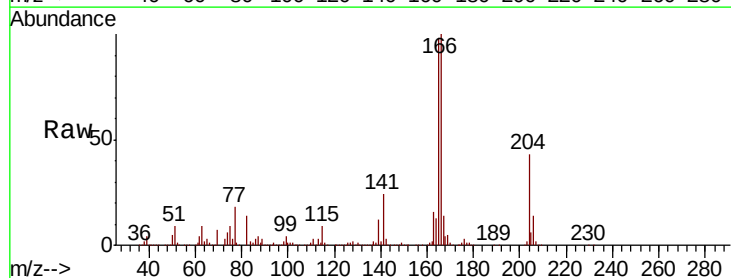


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

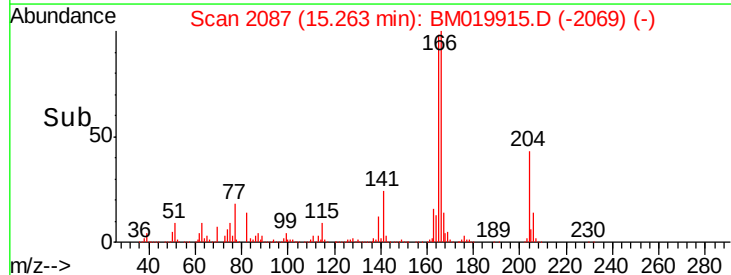
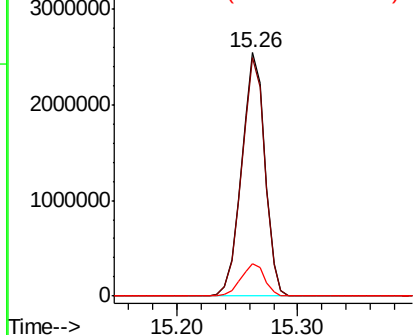


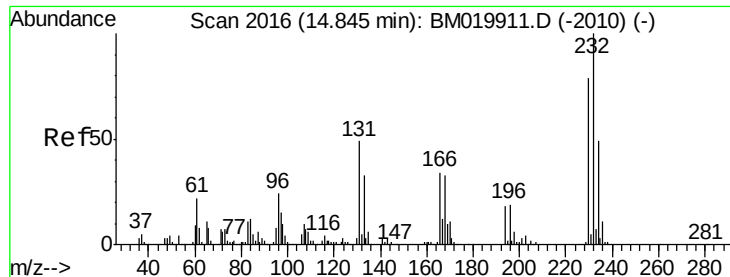
#58
 Fluorene
 Concen: 112.398 ng
 RT: 15.26 min Scan# 2087
 Delta R.T. 0.01 min
 Lab File: BM019915.D
 Acq: 15 Apr 2019 14:53

Tgt Ion:166 Resp: 3424301
 Ion Ratio Lower Upper
 166 100
 165 97.8 80.1 120.1
 167 13.6 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

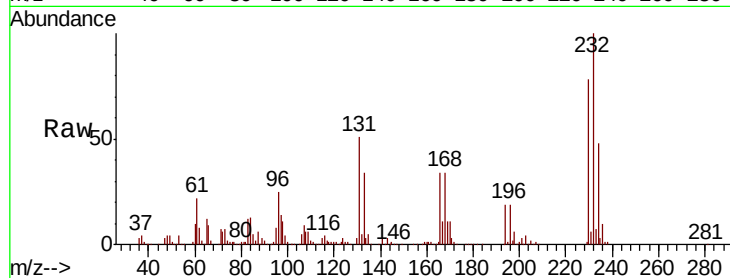




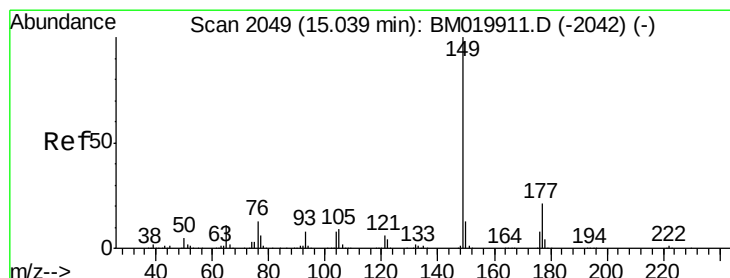
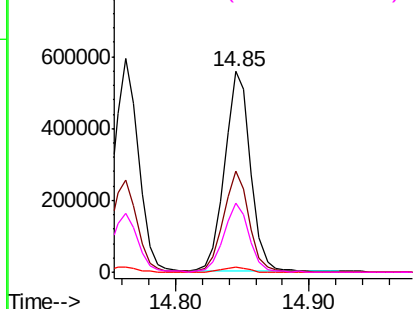
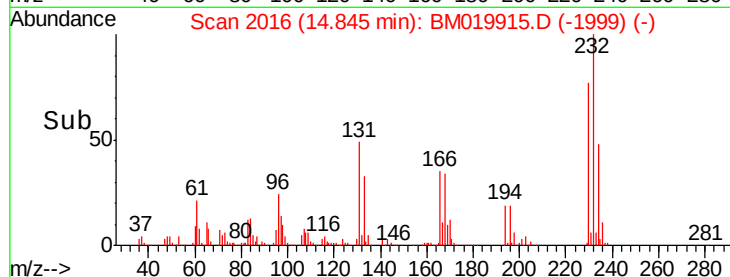
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 102.599 ng
 RT: 14.85 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BM019915.D
 Acq: 15 Apr 2019 14:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:	232	Resp:	755557
Ion	Ratio	Lower	Upper
232	100		
131	50.1	42.1	63.1
130	2.7	2.2	3.4
166	34.0	28.1	42.1

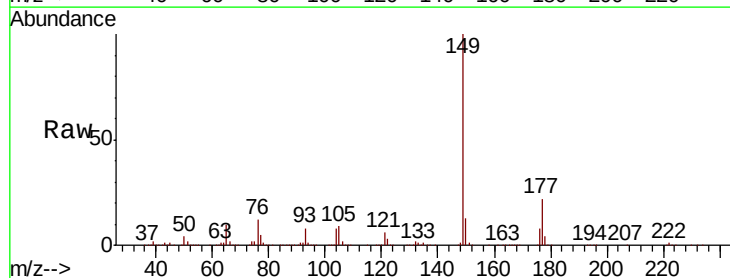


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

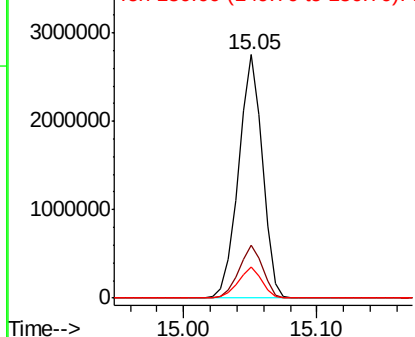
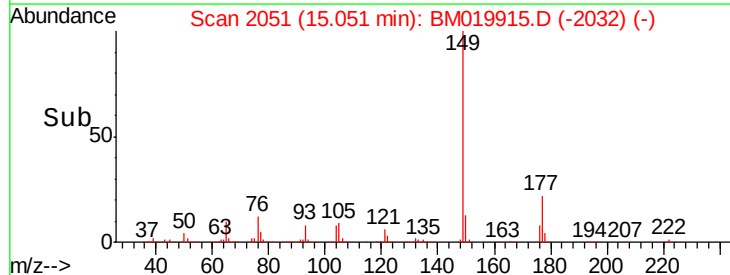


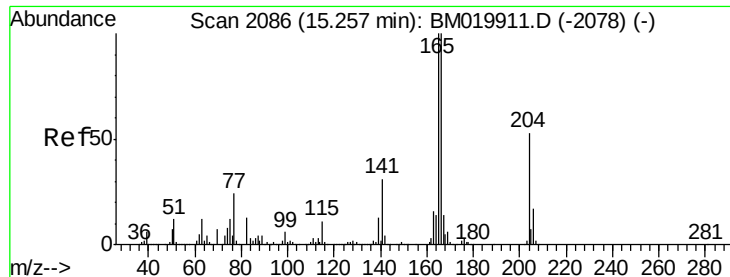
#60
 Diethylphthalate
 Concen: 108.291 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. 0.01 min
 Lab File: BM019915.D
 Acq: 15 Apr 2019 14:53

Tgt Ion:	149	Resp:	3395167
Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.6	25.0
150	12.5	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

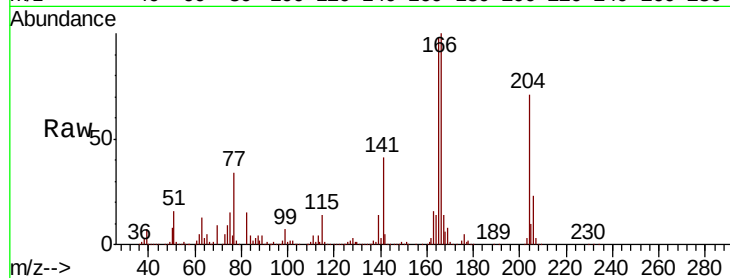




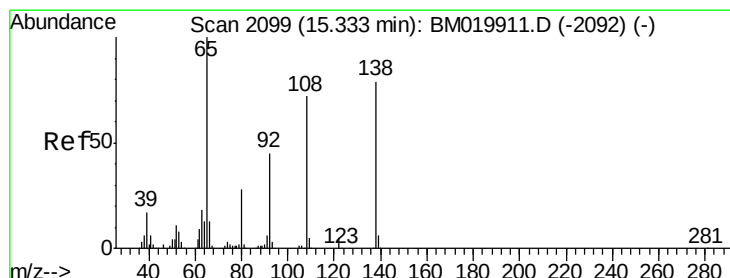
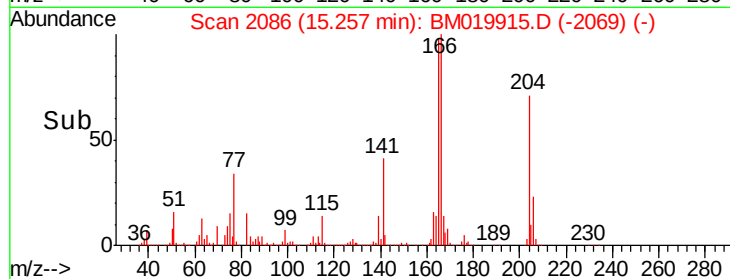
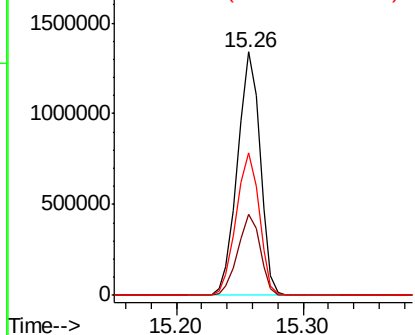
#61
 4-Chlorophenyl-phenylether
 Concen: 111.545 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BM019915.D
 Acq: 15 Apr 2019 14:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:204 Resp: 1650514
 Ion Ratio Lower Upper
 204 100
 206 33.1 25.8 38.8
 141 58.3 47.0 70.4

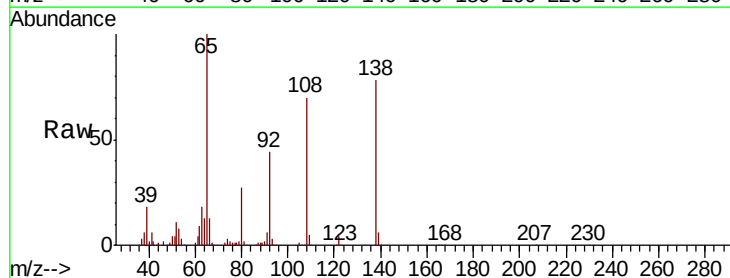


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

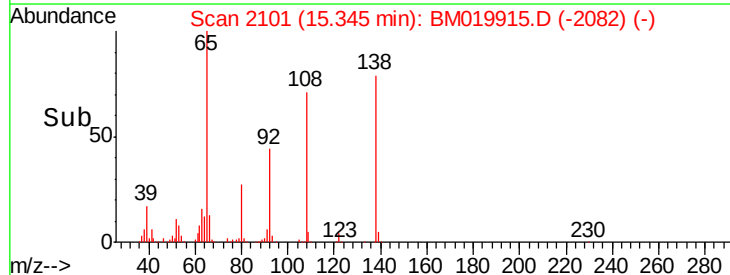
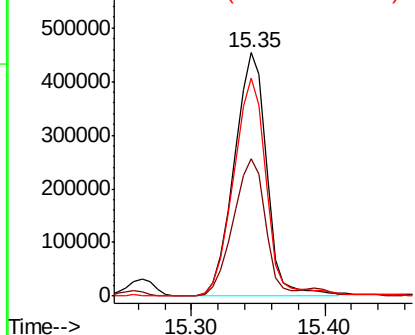


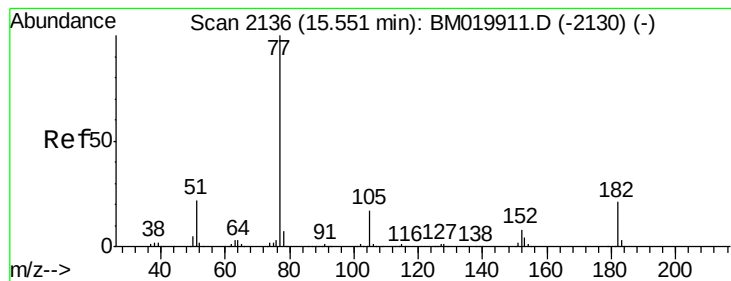
#62
 4-Nitroaniline
 Concen: 107.418 ng
 RT: 15.35 min Scan# 2101
 Delta R.T. 0.01 min
 Lab File: BM019915.D
 Acq: 15 Apr 2019 14:53

Tgt Ion:138 Resp: 767245
 Ion Ratio Lower Upper
 138 100
 92 56.5 36.8 76.8
 108 89.5 71.5 111.5



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 109.874 ng

RT: 15.56 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 3624863

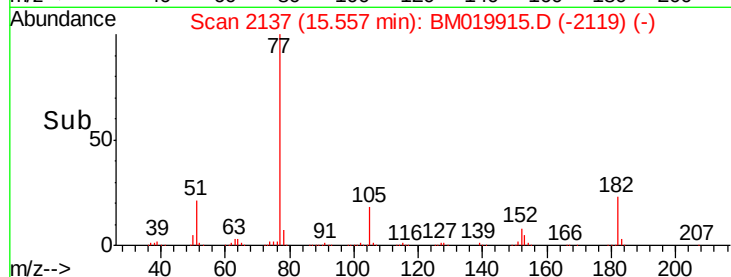
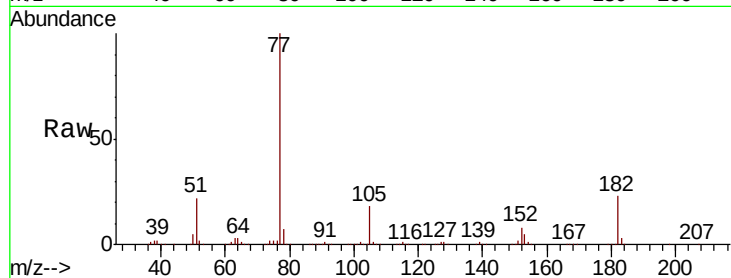
Ion	Ratio	Lower	Upper
77	100		
182	22.7	1.0	41.0
105	17.7	0.0	37.1
51	21.5	2.1	42.1

77 100

182 22.7 1.0 41.0

105 17.7 0.0 37.1

51 21.5 2.1 42.1

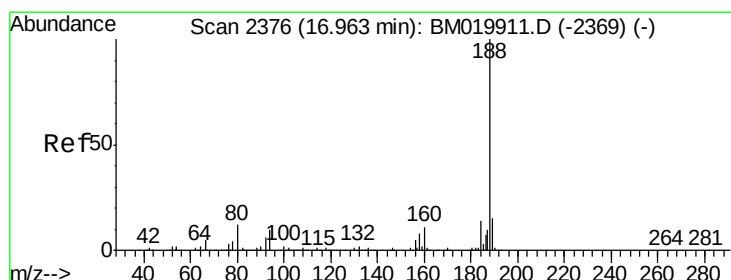
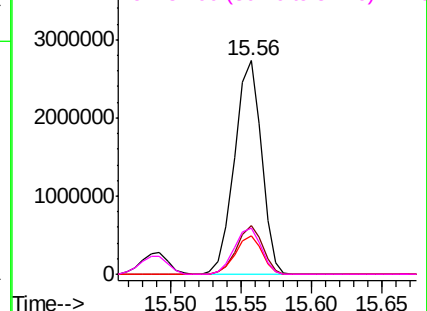


Abundance Ion 77.00 (76.70 to 77.70): BM019915.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM019915.D (-2119) (-)

Ion 105.00 (104.70 to 105.70): BM019915.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM019915.D (-2119) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

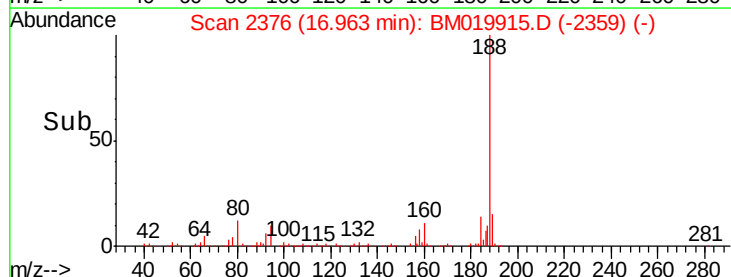
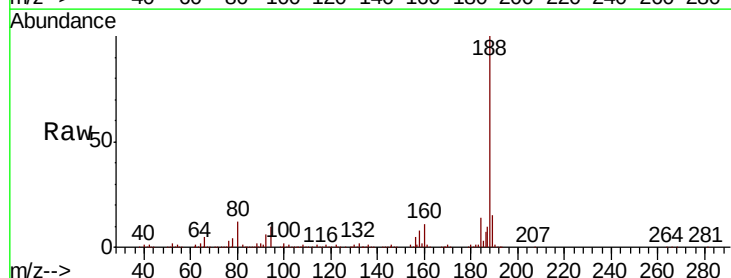
Tgt Ion: 188 Resp: 793545

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.6	11.4
80	11.9	9.4	14.0

188 100

94 9.7 7.6 11.4

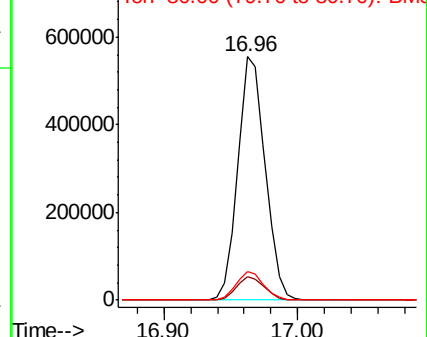
80 11.9 9.4 14.0

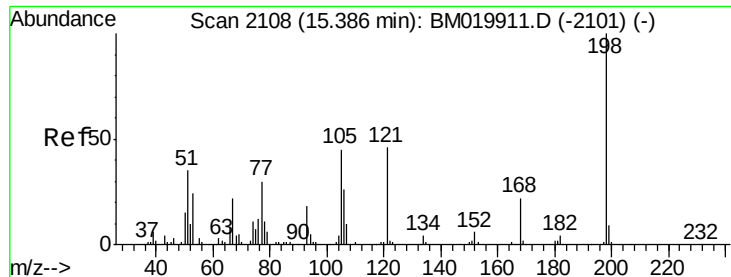


Abundance Ion 188.00 (187.70 to 188.70): BM019915.D (-2359) (-)

Ion 94.00 (93.70 to 94.70): BM019915.D (-2359) (-)

Ion 80.00 (79.70 to 80.70): BM019915.D (-2359) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 110.003 ng

RT: 15.39 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

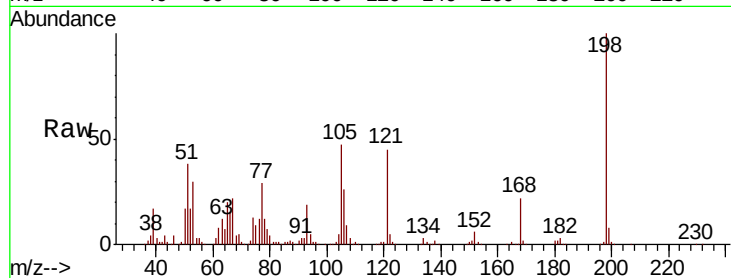
Tot Ion:198 Resp: 572023

Ion Ratio Lower Upper

198 100

51 37.7 17.9 57.9

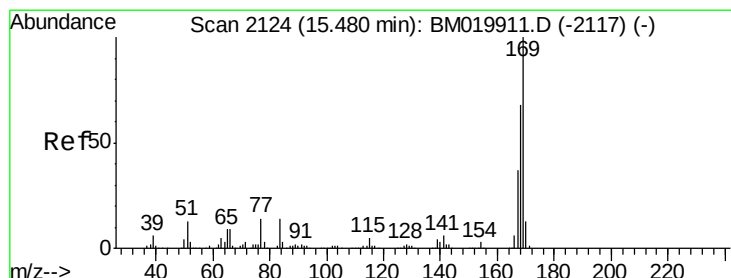
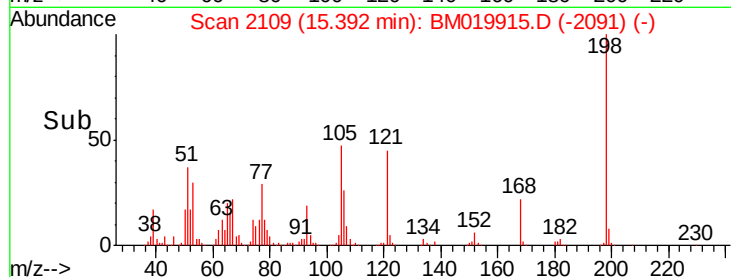
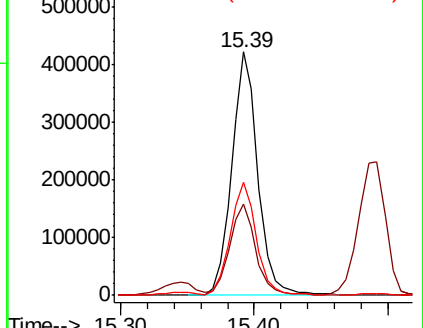
105 46.7 26.1 66.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 108.006 ng

RT: 15.49 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

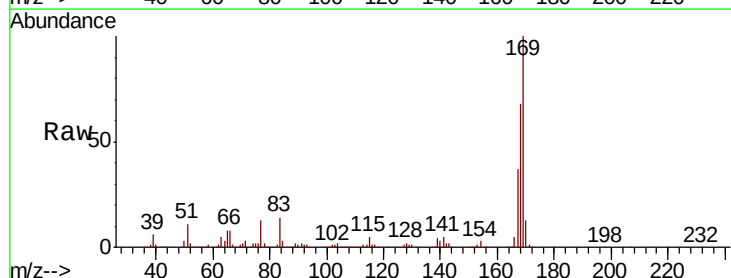
Tgt Ion:169 Resp: 2728647

Ion Ratio Lower Upper

169 100

168 68.3 54.7 82.1

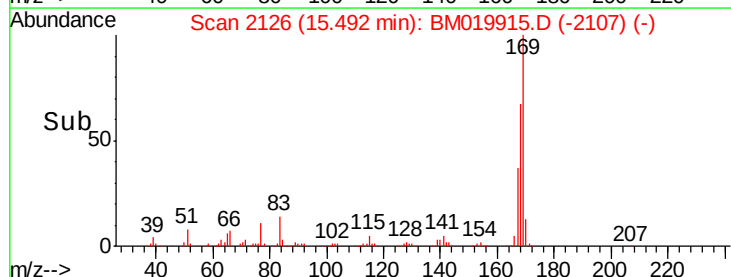
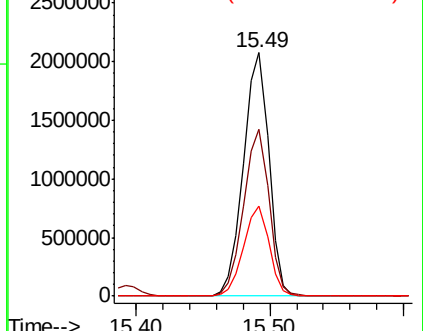
167 37.0 29.4 44.0

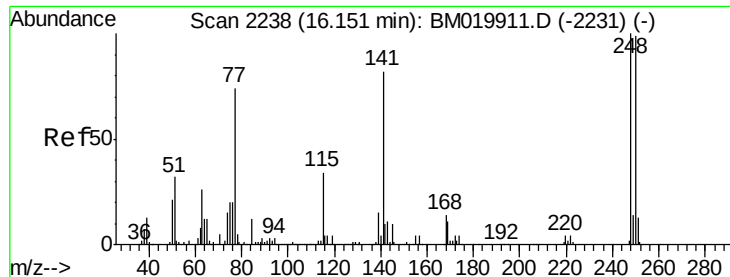


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

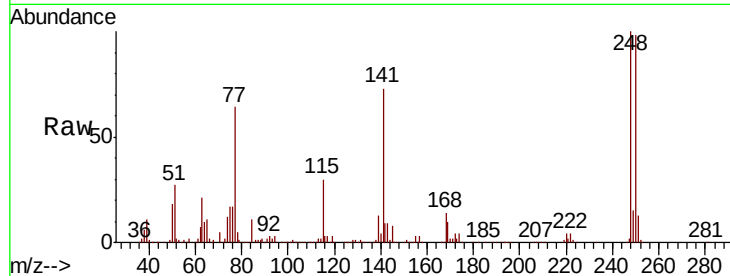




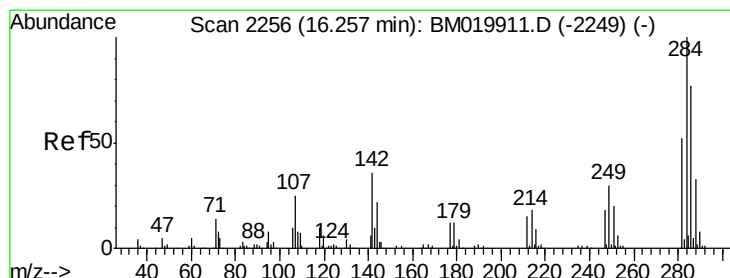
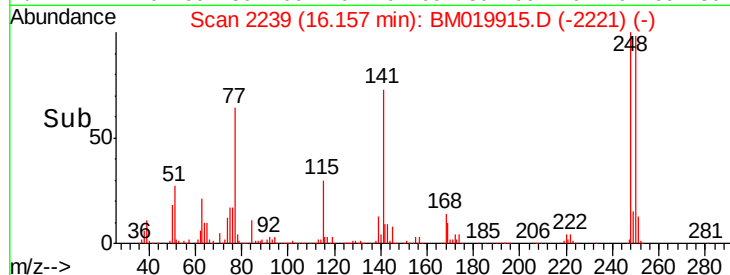
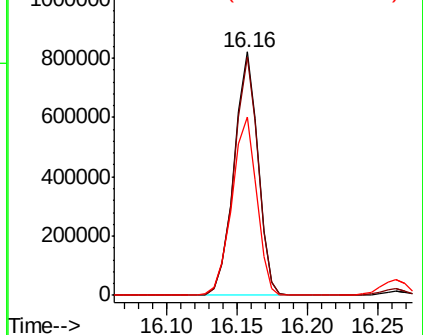
#67
4-Bromophenyl-phenylether
Concen: 110.553 ng
RT: 16.16 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 967427
Ion Ratio Lower Upper
248 100
250 97.7 78.9 118.3
141 73.2 65.6 98.4

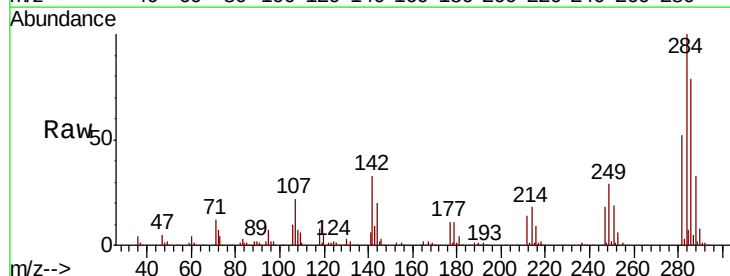


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

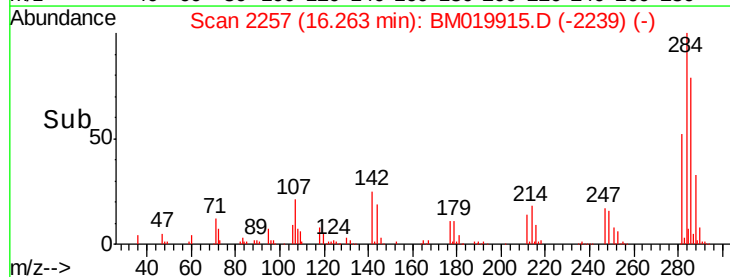
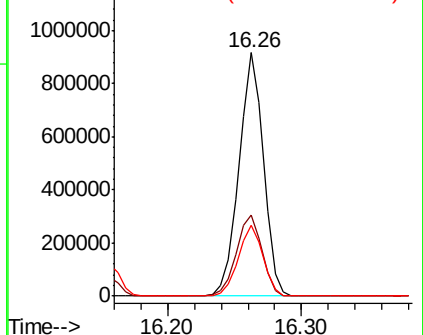


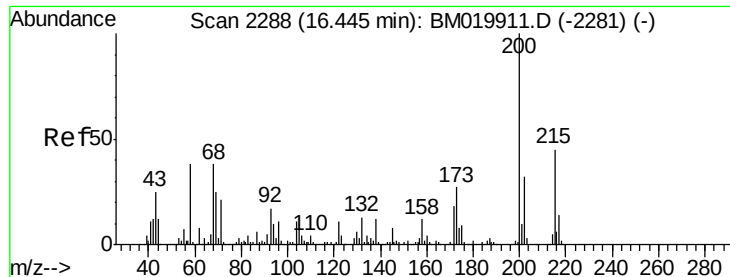
#68
Hexachlorobenzene
Concen: 111.700 ng
RT: 16.26 min Scan# 2257
Delta R.T. 0.01 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Tgt Ion:284 Resp: 1162103
Ion Ratio Lower Upper
284 100
142 33.1 28.9 43.3
249 29.1 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

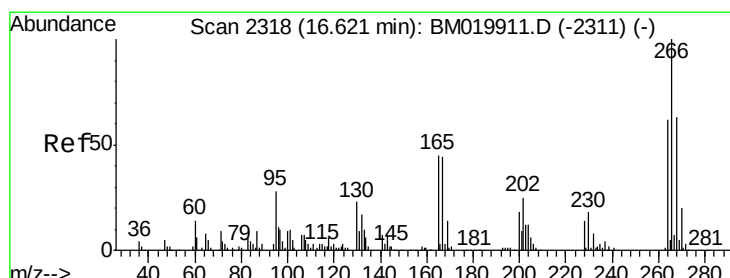
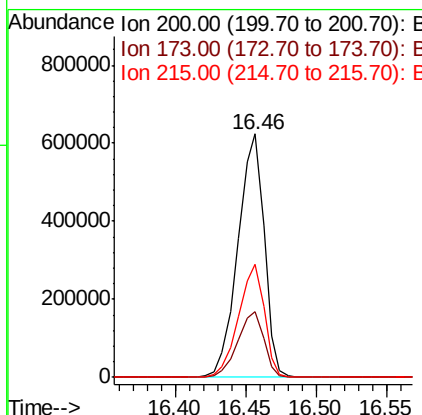
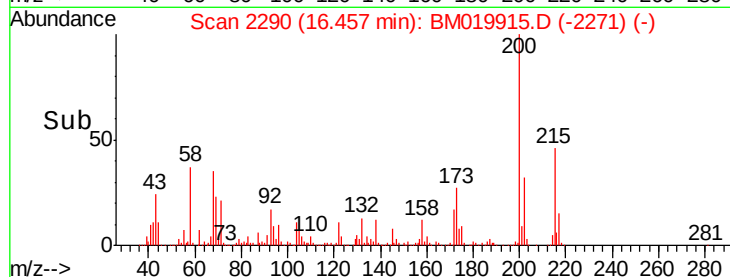
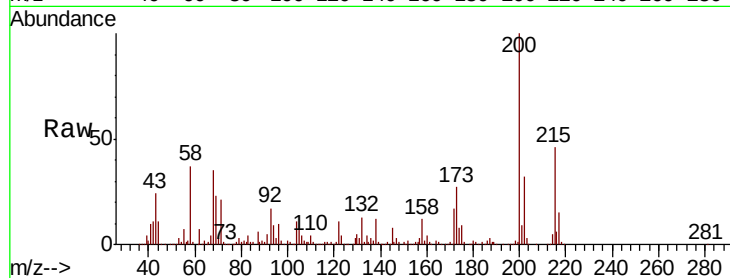




#69
Atrazine
Concen: 95.403 ng
RT: 16.46 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

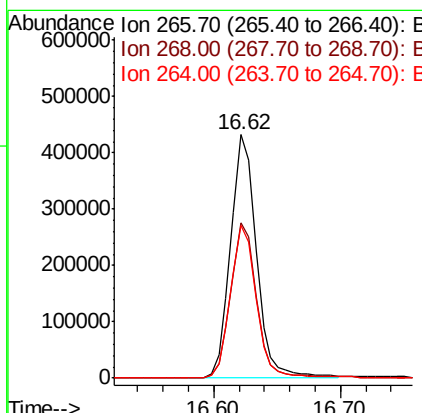
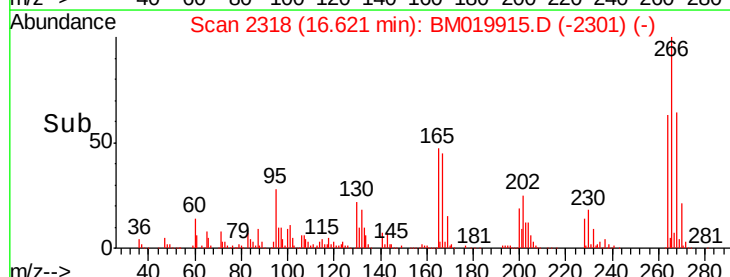
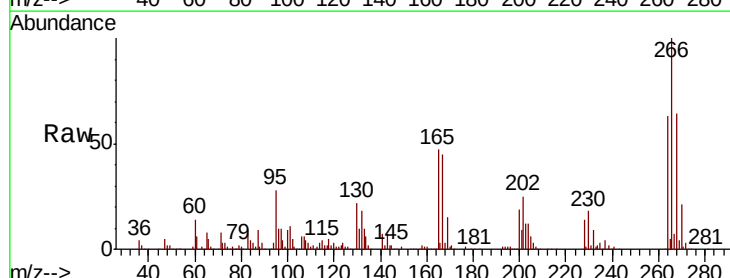
Instrument :
BNA_M
ClientSampleId :

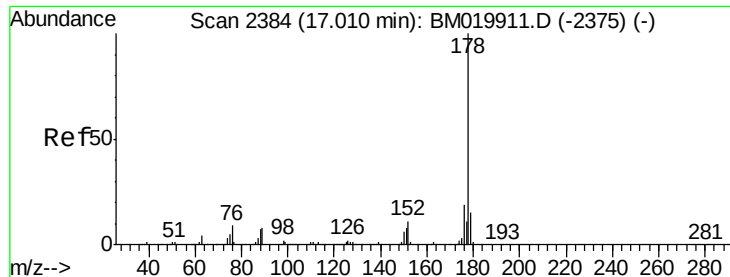
Tot Ion:200 Resp: 811340
Ion Ratio Lower Upper
200 100
173 26.9 7.2 47.2
215 46.4 25.4 65.4



#70
Pentachlorophenol
Concen: 97.758 ng
RT: 16.62 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Tgt Ion:266 Resp: 612759
Ion Ratio Lower Upper
266 100
268 63.7 50.3 75.5
264 62.7 49.8 74.8

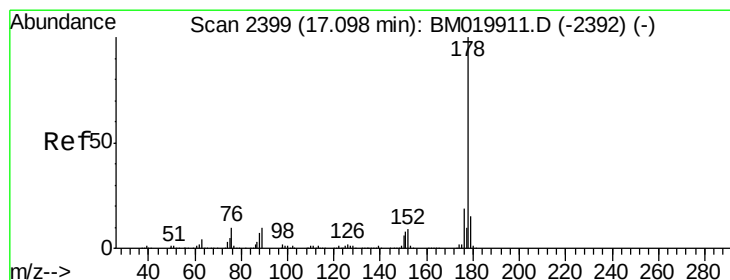
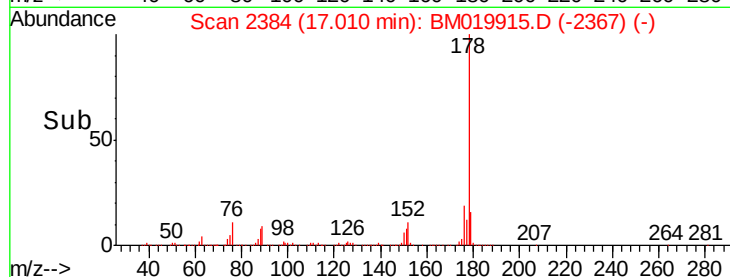
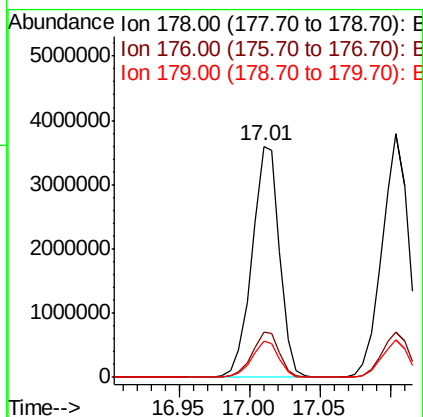
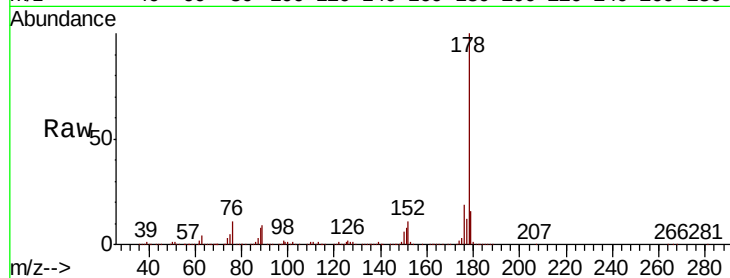




#71
Phenanthrene
Concen: 105.815 ng
RT: 17.01 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

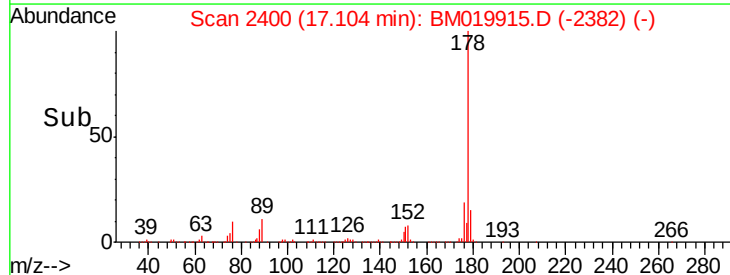
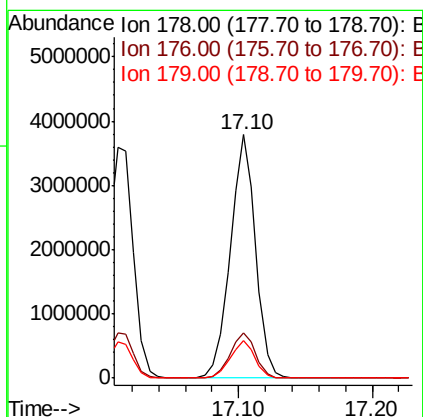
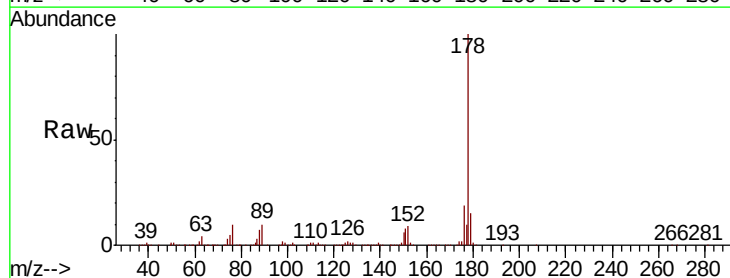
Instrument :
BNA_M
ClientSampleId :

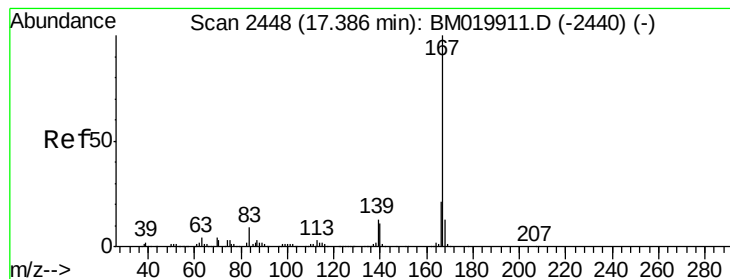
Tot Ion:178 Resp: 4921711
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.6 12.2 18.4



#72
Anthracene
Concen: 108.634 ng
RT: 17.10 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

Tgt Ion:178 Resp: 4946504
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.2 18.4





#73

Carbazole

Concen: 106.806 ng

RT: 17.39 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

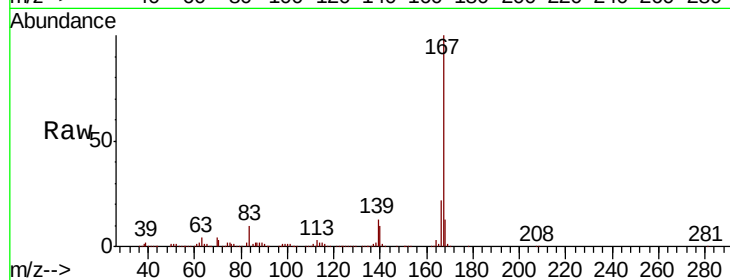
Tot Ion:167 Resp: 4590105

Ion Ratio Lower Upper

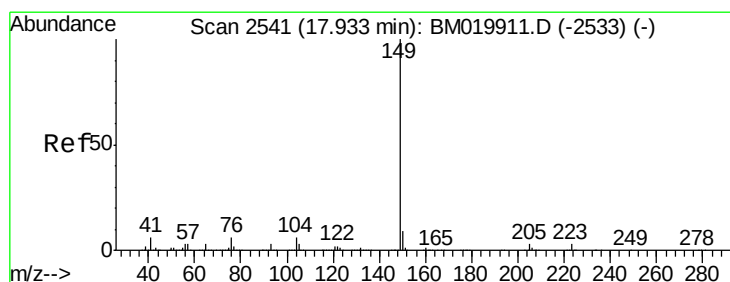
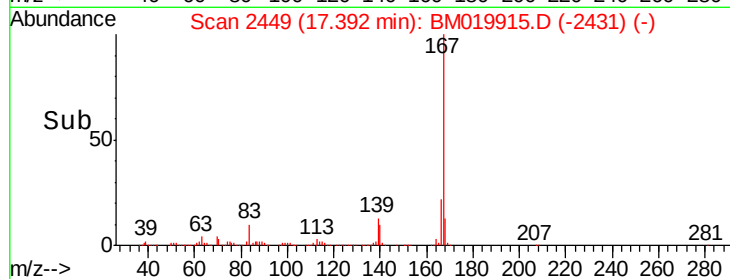
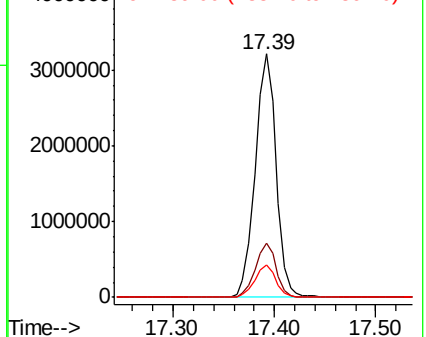
167 100

166 22.0 17.2 25.8

139 13.4 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 115.429 ng

RT: 17.93 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

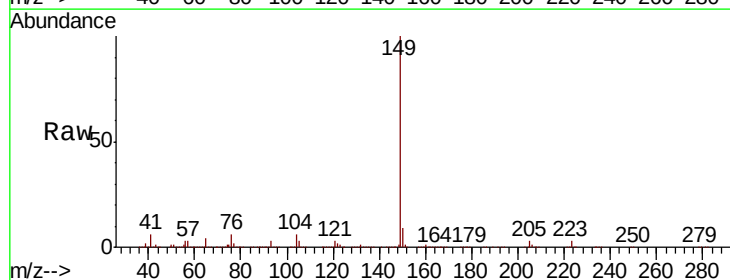
Tgt Ion:149 Resp: 5998745

Ion Ratio Lower Upper

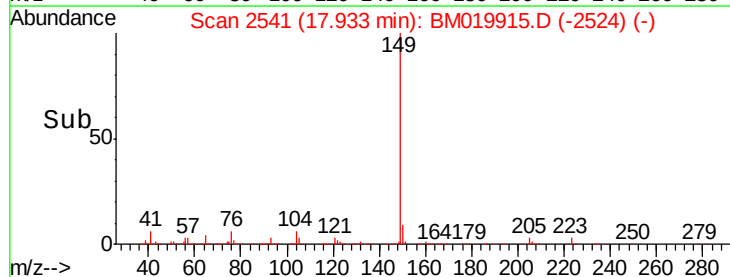
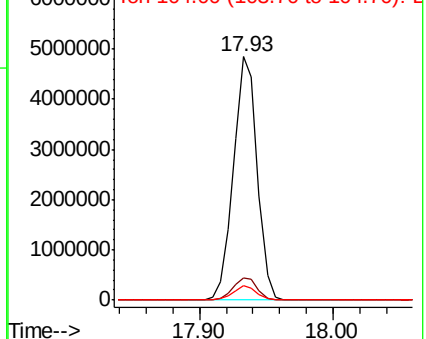
149 100

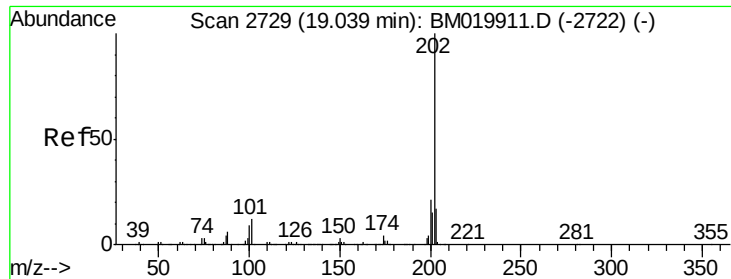
150 9.3 7.2 10.8

104 5.7 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 107.635 ng

RT: 19.04 min Scan# 2730

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

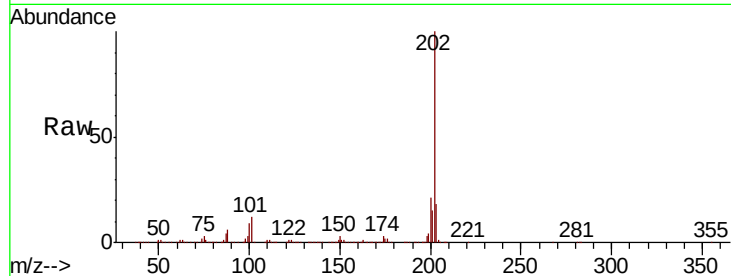
Tot Ion:202 Resp: 5744653

Ion Ratio Lower Upper

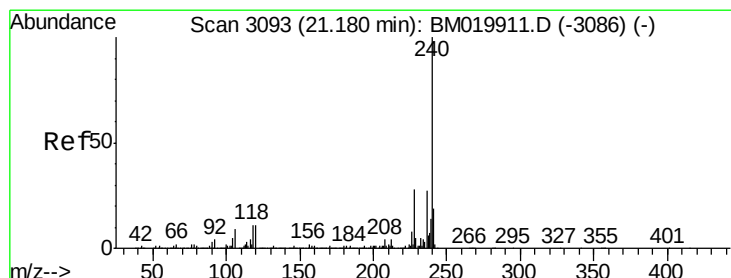
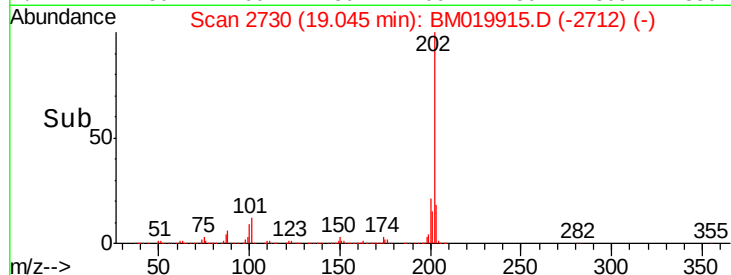
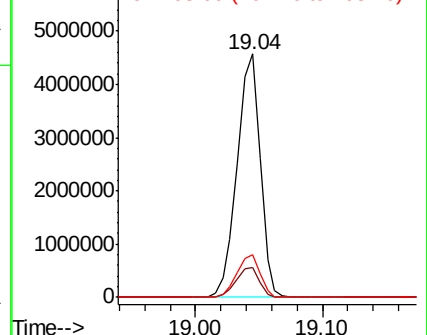
202 100

101 12.1 0.0 31.7

203 17.7 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

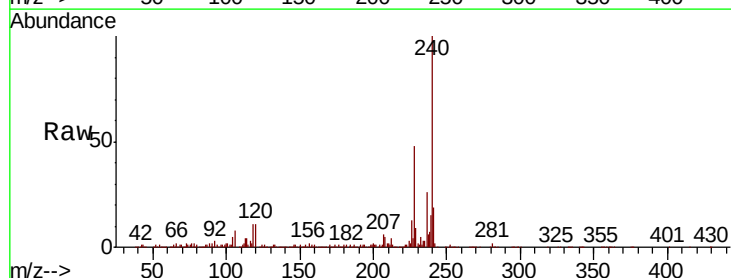
Tgt Ion:240 Resp: 845140

Ion Ratio Lower Upper

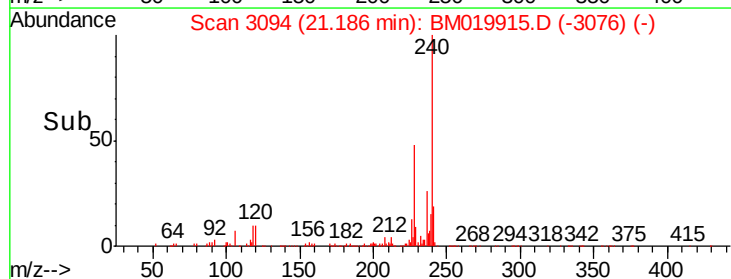
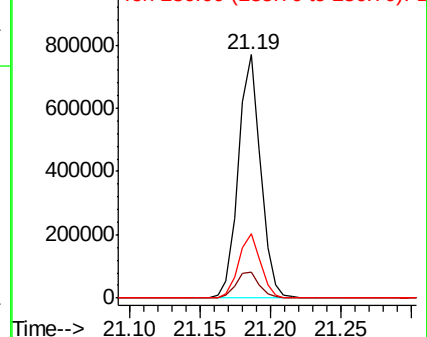
240 100

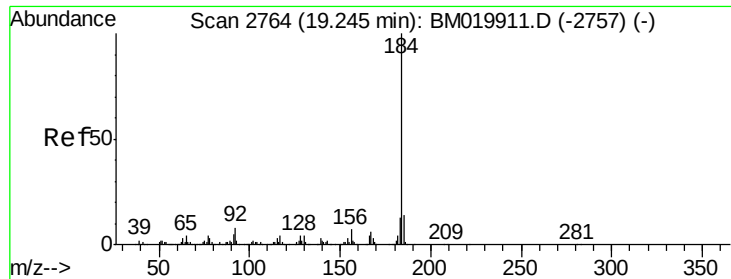
120 10.7 8.6 13.0

236 26.4 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 56.622 ng

RT: 19.25 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

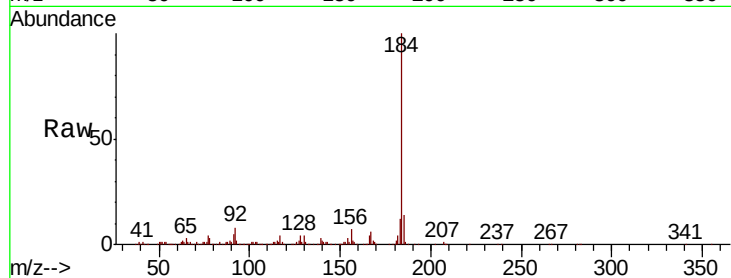
Tot Ion:184 Resp: 1357152

Ion Ratio Lower Upper

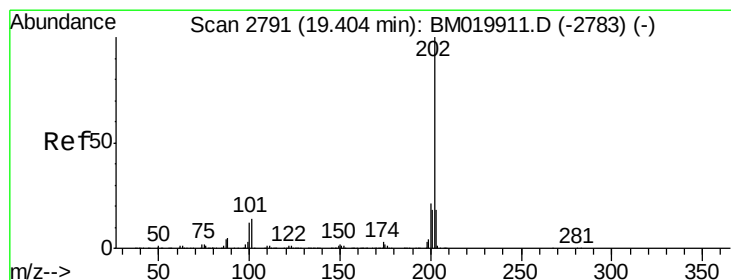
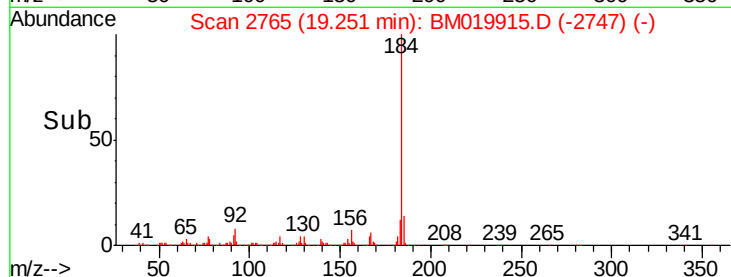
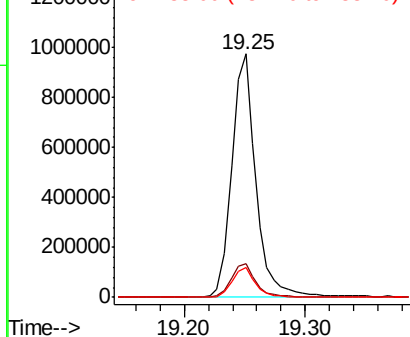
184 100

185 13.8 11.0 16.6

183 12.3 10.1 15.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 108.276 ng

RT: 19.41 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

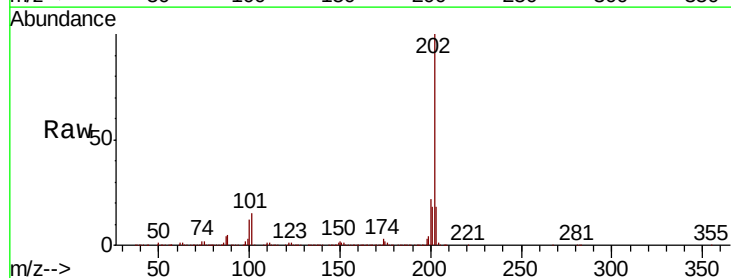
Tgt Ion:202 Resp: 5789830

Ion Ratio Lower Upper

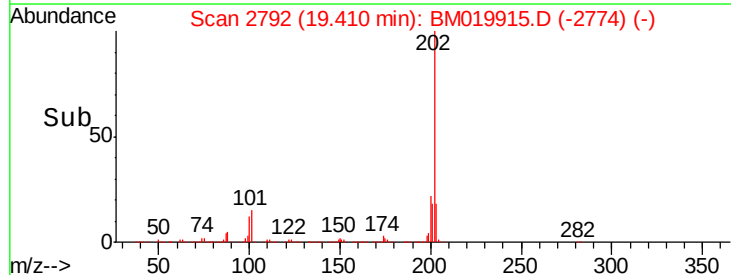
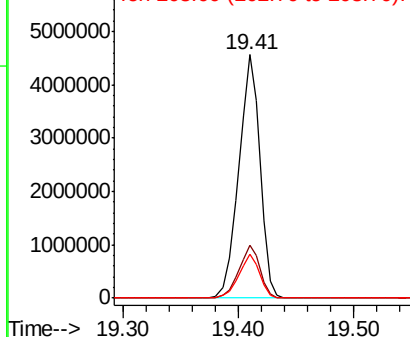
202 100

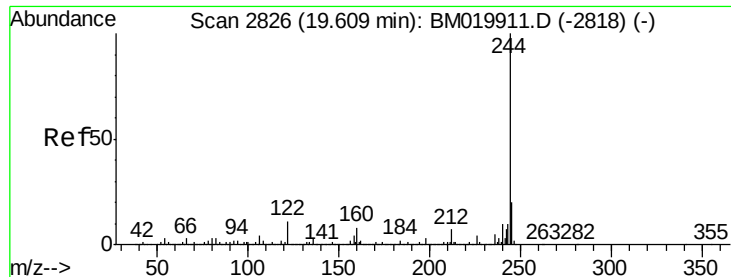
200 21.6 17.0 25.4

203 17.9 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 239.049 ng

RT: 19.62 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

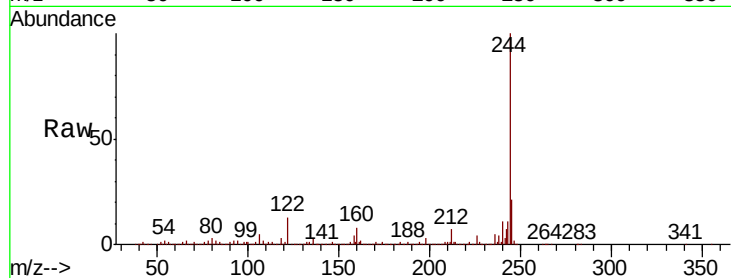
Tot Ion:244 Resp:10176719

Ion Ratio Lower Upper

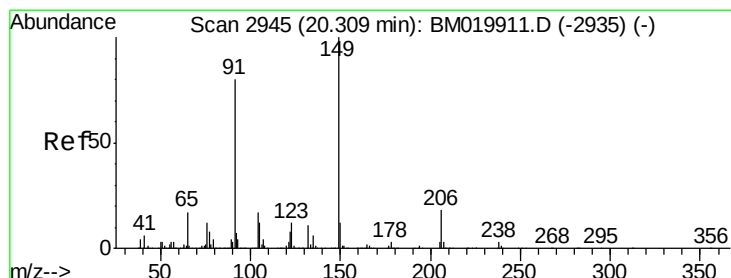
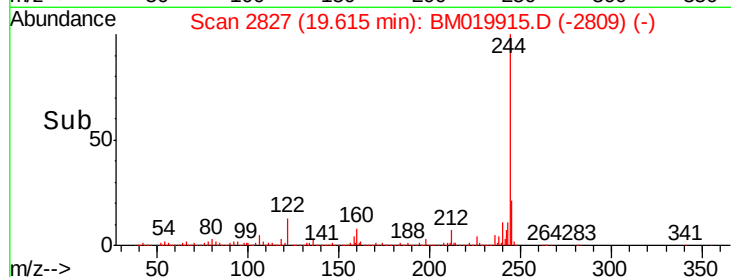
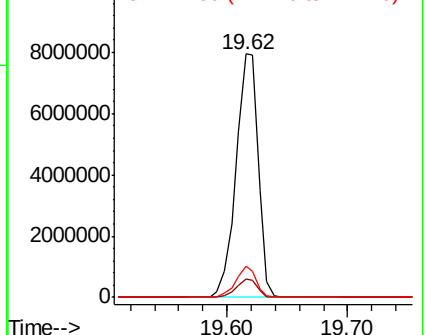
244 100

212 7.4 5.7 8.5

122 12.5 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 122.245 ng

RT: 20.32 min Scan# 2946

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

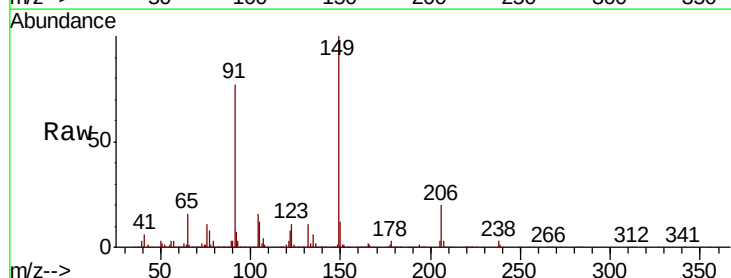
Tgt Ion:149 Resp: 2847144

Ion Ratio Lower Upper

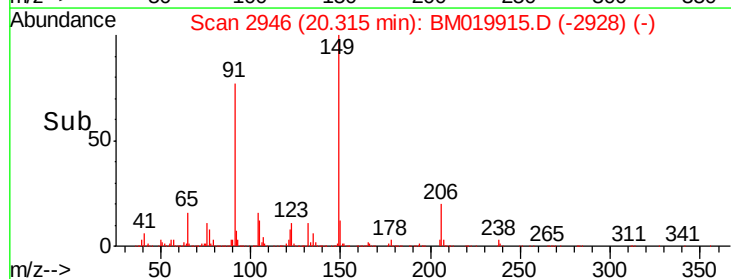
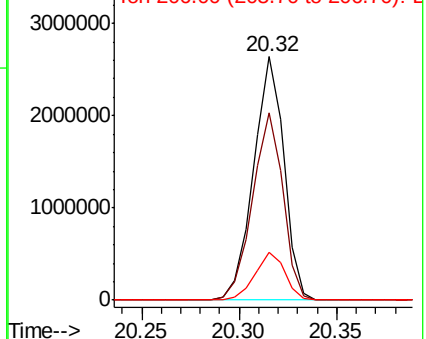
149 100

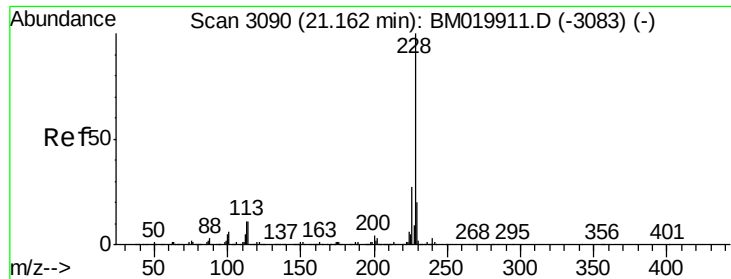
91 77.1 63.7 95.5

206 19.9 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 104.384 ng

RT: 21.17 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

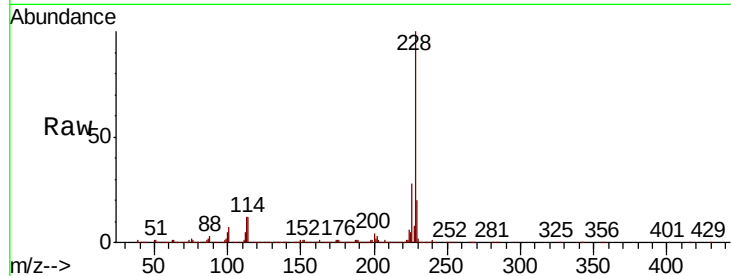
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 5534551

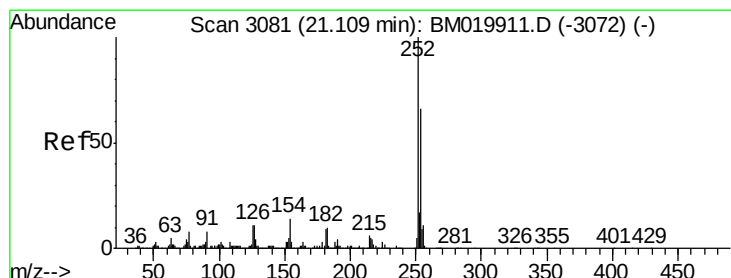
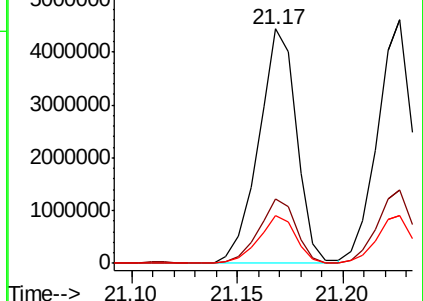
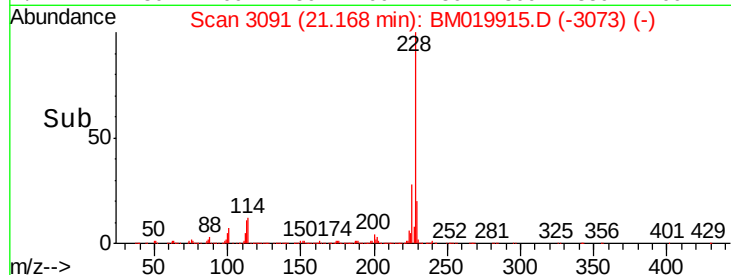
Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.6
229	20.5	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 89.631 ng

RT: 21.11 min Scan# 3081

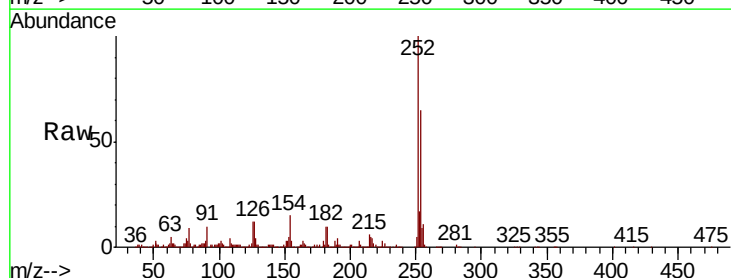
Delta R.T. 0.00 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Tgt Ion:252 Resp: 1830741

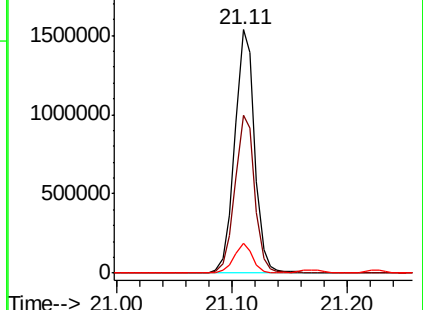
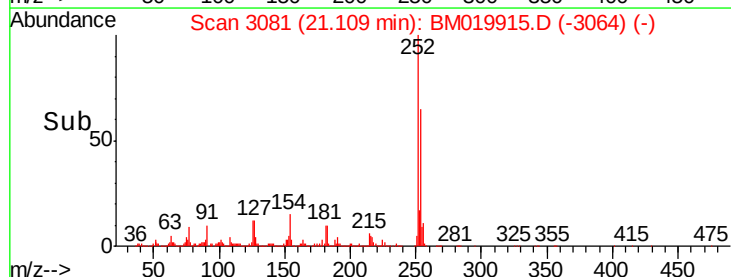
Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.6	78.8
126	12.0	8.6	12.8

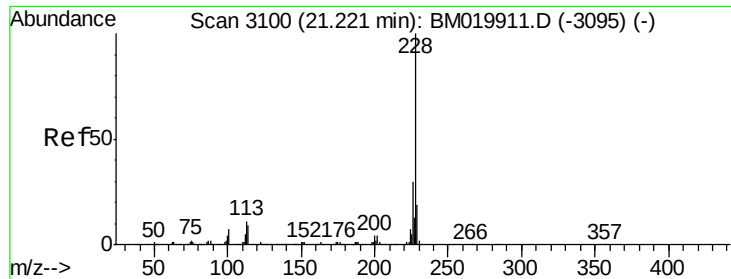


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

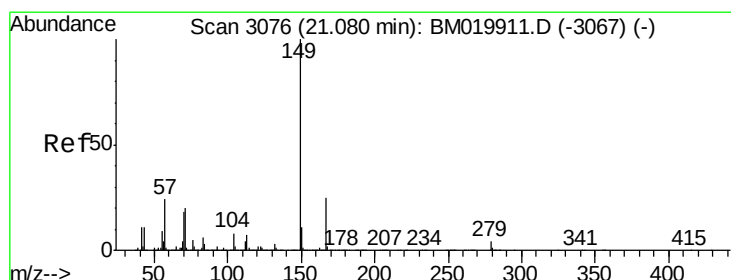
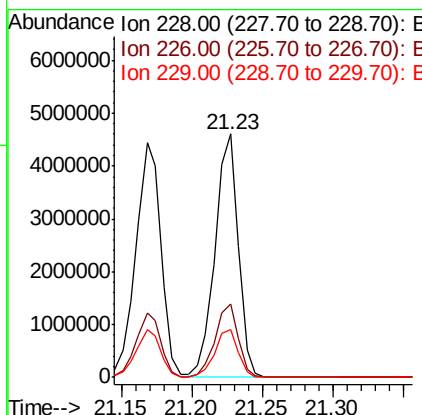
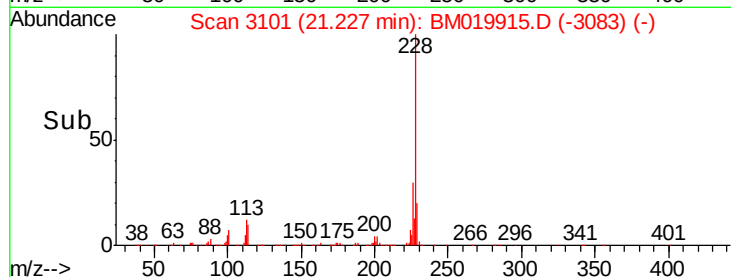
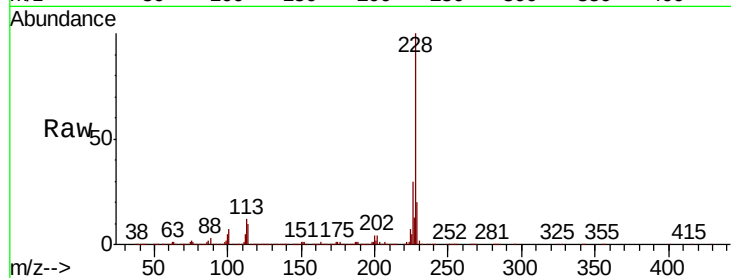




#83
 Chrysene
 Concen: 102.453 ng
 RT: 21.23 min Scan# 3101
 Delta R.T. 0.01 min
 Lab File: BM019915.D
 Acq: 15 Apr 2019 14:53

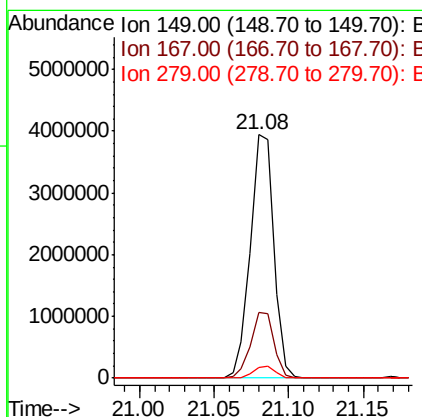
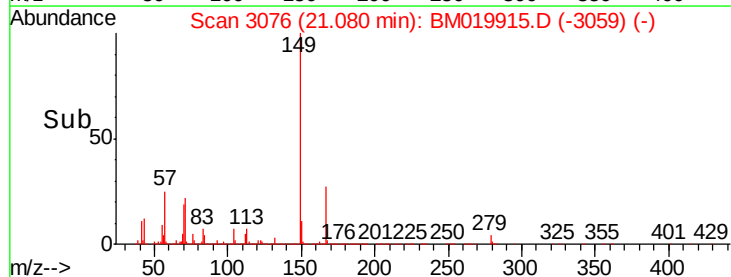
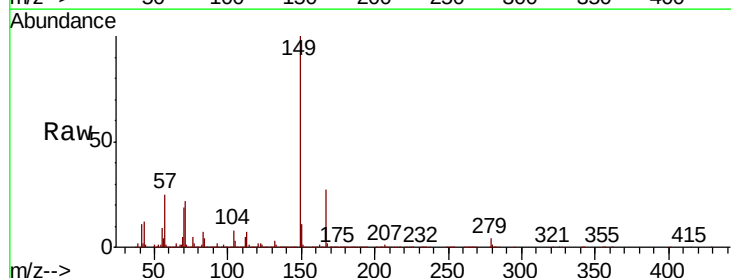
Instrument :
 BNA_M
 ClientSampleId :

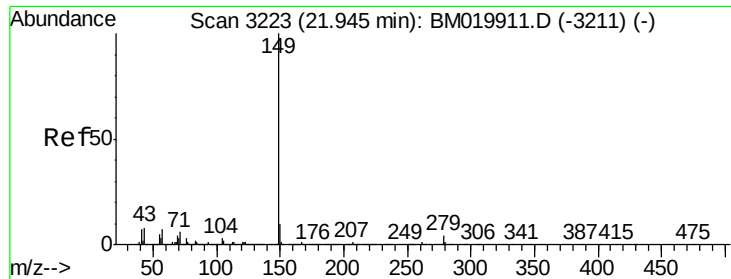
Tot Ion:228 Resp: 5255279
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.7 35.5
 229 19.9 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 125.770 ng
 RT: 21.08 min Scan# 3076
 Delta R.T. 0.00 min
 Lab File: BM019915.D
 Acq: 15 Apr 2019 14:53

Tgt Ion:149 Resp: 4261573
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.3 30.5
 279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 118.583 ng

RT: 21.95 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

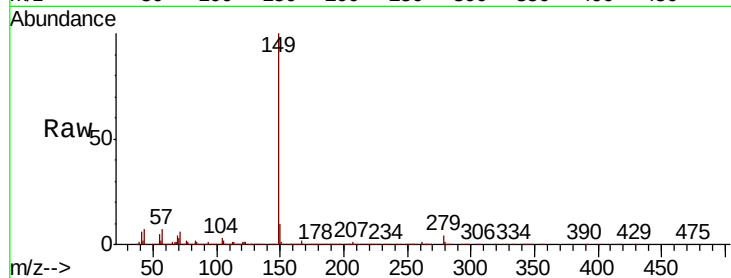
Tot Ion:149 Resp: 6765913

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

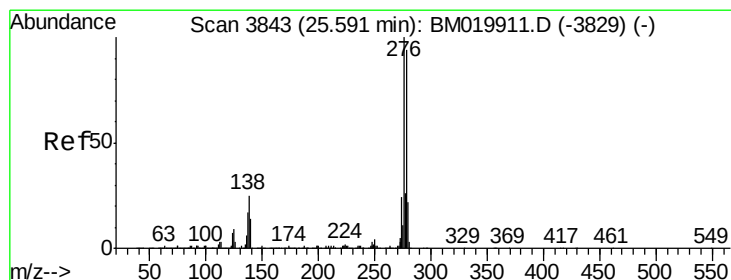
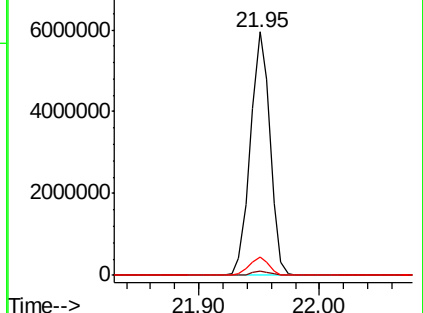
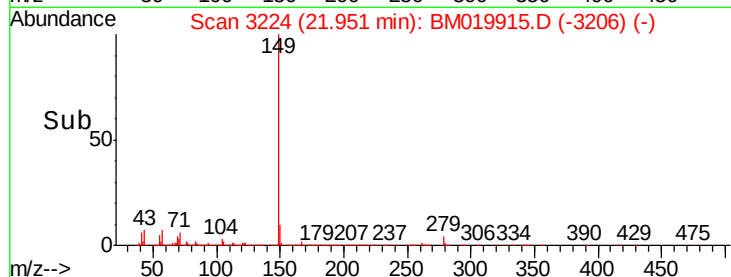
43 7.4 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 86.972 ng

RT: 25.61 min Scan# 3846

Delta R.T. 0.02 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

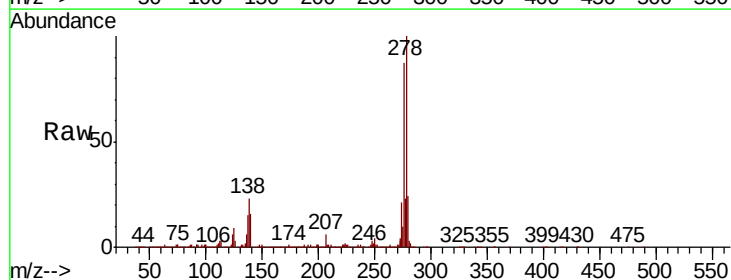
Tgt Ion:276 Resp: 4802334

Ion Ratio Lower Upper

276 100

138 24.6 19.0 28.6

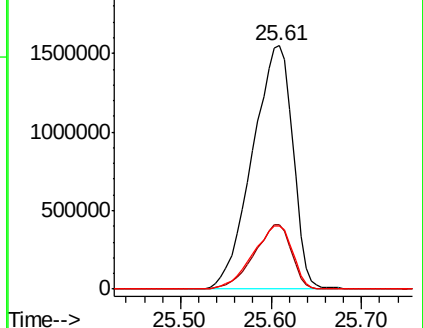
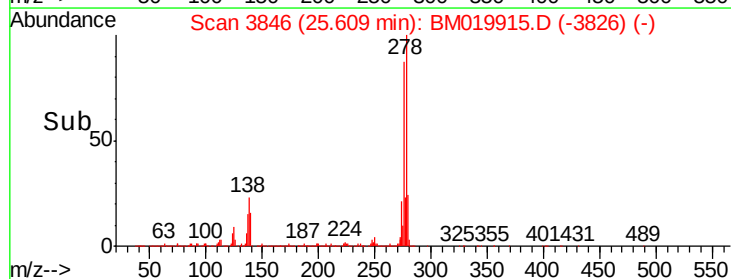
277 25.5 20.3 30.5

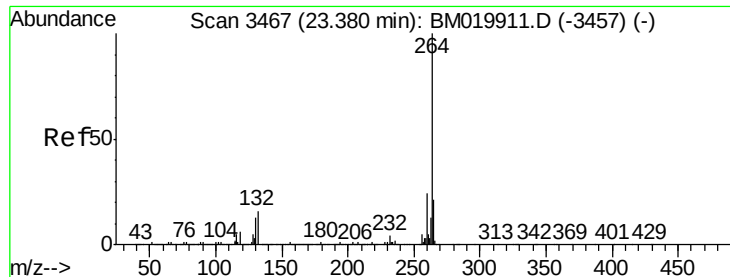


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



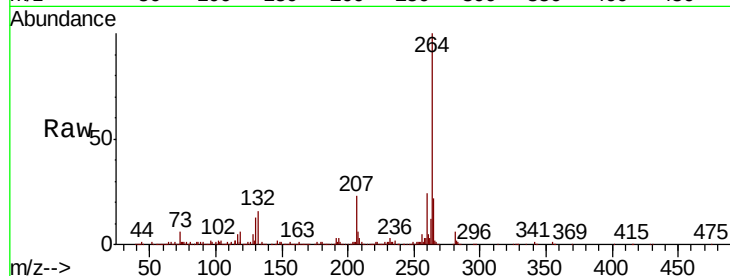


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3467
Delta R.T. 0.00 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

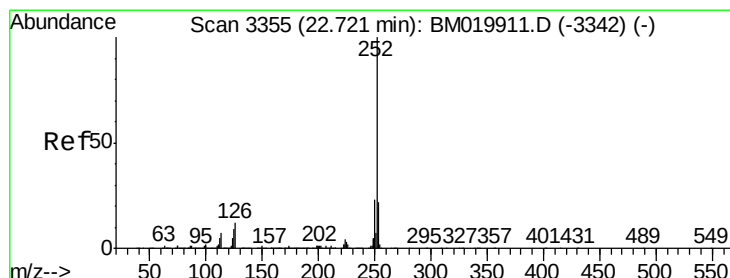
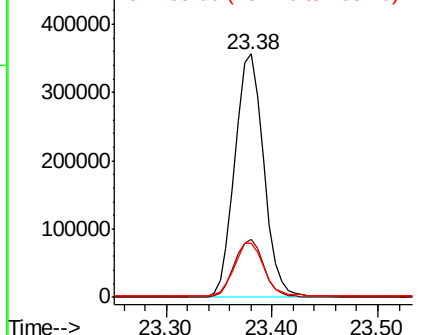
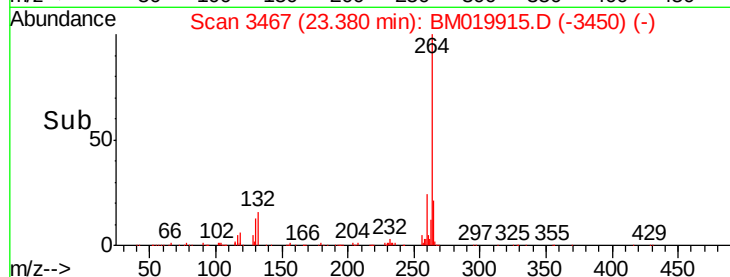
Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 678574

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.2	25.8



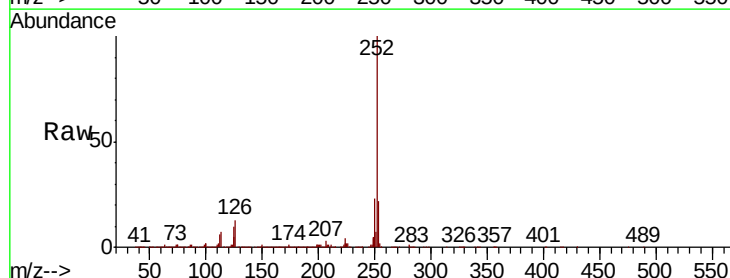
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



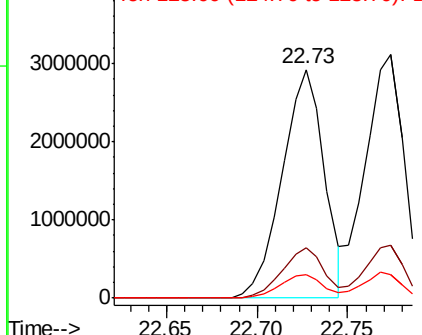
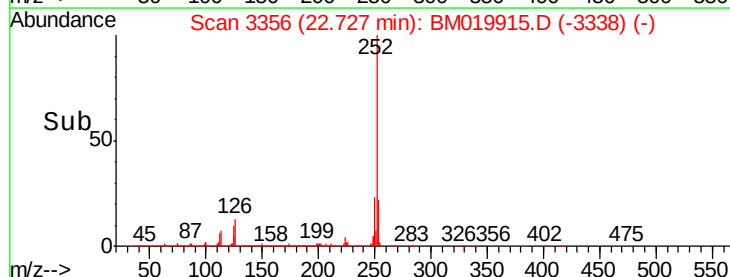
#88
Benzo(b)fluoranthene
Concen: 107.933 ng
RT: 22.73 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM019915.D
Acq: 15 Apr 2019 14:53

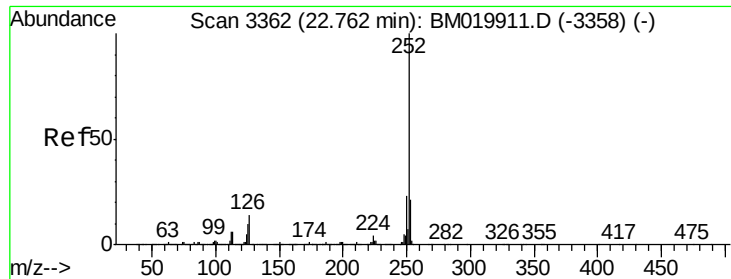
Tgt Ion:252 Resp: 4745816

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.4	7.6	11.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 113.966 ng

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

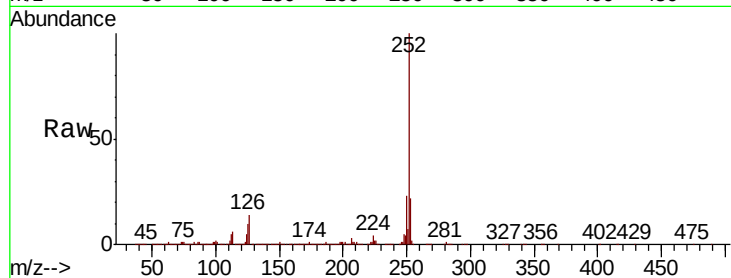
Tot Ion:252 Resp: 4609075

Ion Ratio Lower Upper

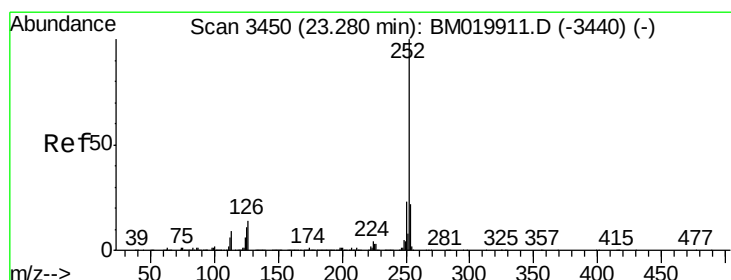
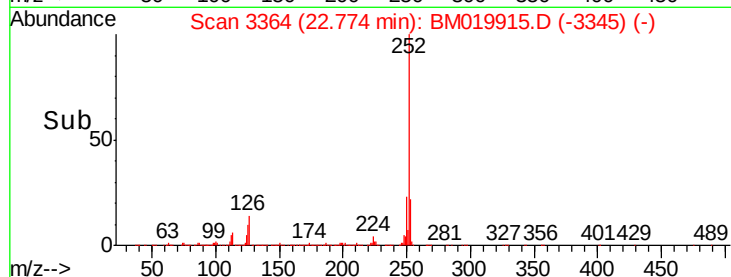
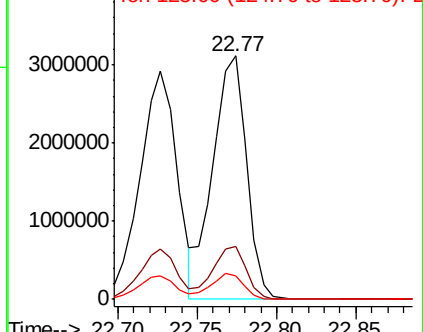
252 100

253 22.0 17.3 25.9

125 9.8 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 106.095 ng

RT: 23.29 min Scan# 3452

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

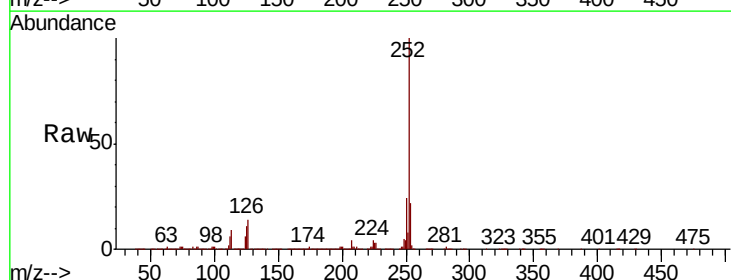
Tgt Ion:252 Resp: 4192282

Ion Ratio Lower Upper

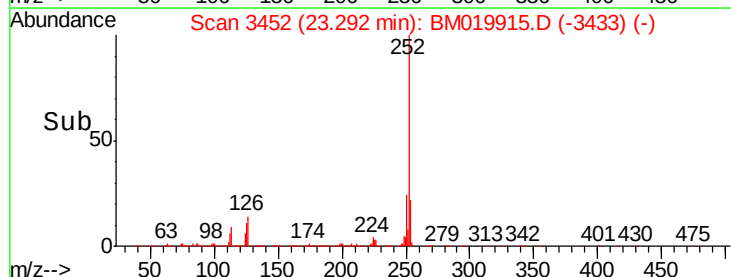
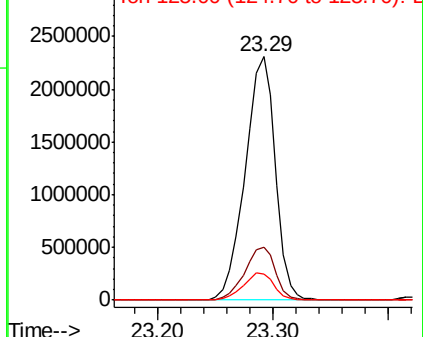
252 100

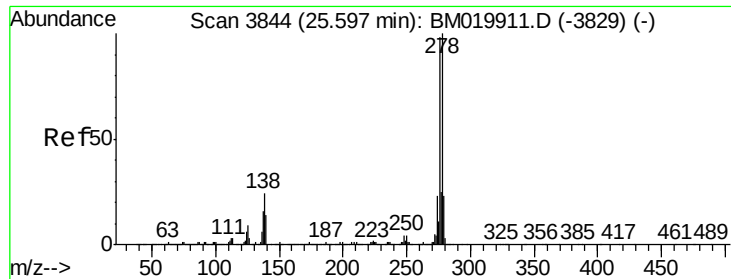
253 21.9 17.8 26.8

125 10.9 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 107.978 ng

RT: 25.61 min Scan# 3846

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

Instrument :

BNA_M

ClientSampleId :

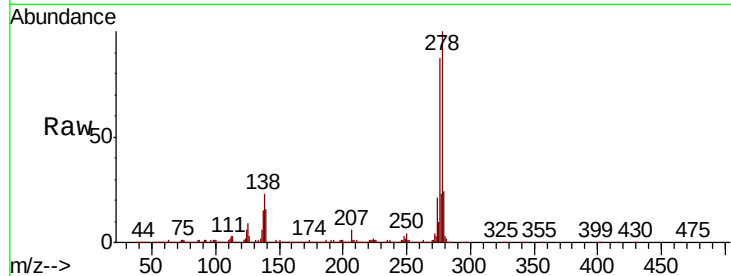
Tot Ion:278 Resp: 4081503

Ion Ratio Lower Upper

278 100

139 15.5 11.6 17.4

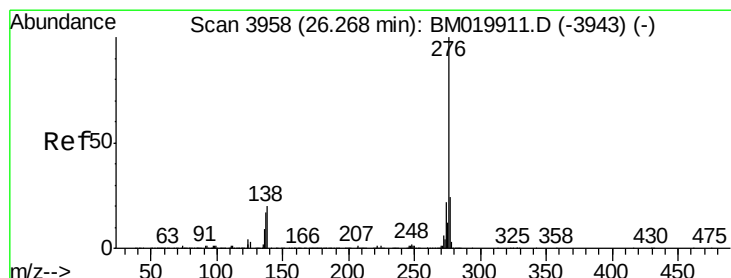
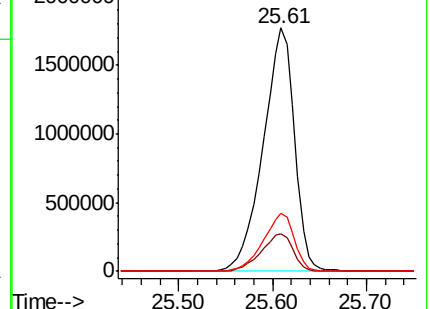
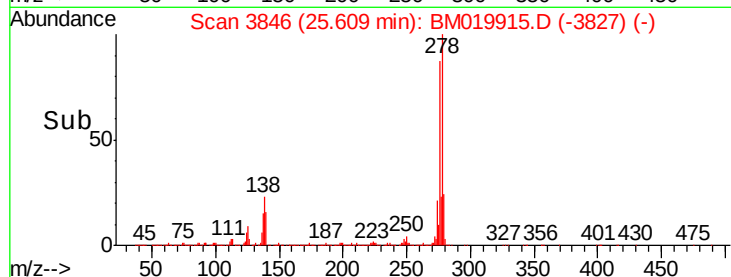
279 23.7 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 103.680 ng

RT: 26.28 min Scan# 3960

Delta R.T. 0.01 min

Lab File: BM019915.D

Acq: 15 Apr 2019 14:53

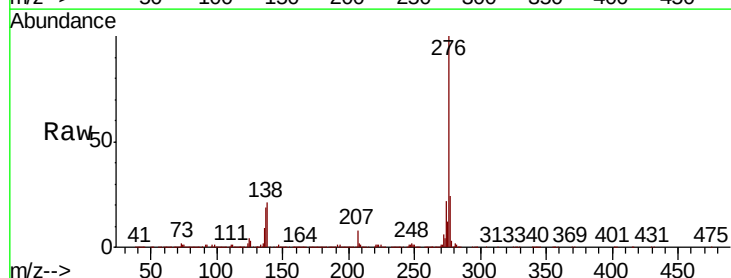
Tgt Ion:276 Resp: 3598053

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 20.6 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

