

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041619\
 Data File : BM019925.D
 Acq On : 16 Apr 2019 09:55
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 16 16:40:23 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 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	124079	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	595159	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	357085	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	771904	20.00	ng	0.00
76) Chrysene-d12	21.17	240	699178	20.00	ng	0.00
87) Perylene-d12	23.37	264	643995	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	556318	72.66	ng	0.00
7) Phenol-d6	6.72	99	836229	72.57	ng	0.00
23) Nitrobenzene-d5	8.70	82	948550	71.28	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	398303	69.29	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	2033603	70.97	ng	0.00
79) Terphenyl-d14	19.61	244	3022687	76.25	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	125038	37.846	ng	98
3) Pyridine	3.52	79	369469	39.931	ng	98
4) n-Nitrosodimethylamine	3.44	42	103339	34.670	ng	# 89
6) Aniline	6.88	93	541307	36.373	ng	100
8) 2-Chlorophenol	7.10	128	343935	36.119	ng	98
9) Benzaldehyde	6.70	77	253993	36.599	ng	100
10) Phenol	6.75	94	456455	36.258	ng	96
11) bis(2-Chloroethyl)ether	6.98	93	332098	36.055	ng	99
12) 1,3-Dichlorobenzene	7.41	146	366457	36.657	ng	98
13) 1,4-Dichlorobenzene	7.56	146	369781	36.458	ng	98
14) 1,2-Dichlorobenzene	7.87	146	364161	36.210	ng	100
15) Benzyl Alcohol	7.79	79	376659	35.958	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.06	45	316239	36.016	ng	100
17) 2-Methylphenol	7.99	107	298045	35.772	ng	98
18) Hexachloroethane	8.57	117	143986	36.520	ng	98
19) n-Nitroso-di-n-propylamine	8.35	70	362683	35.808	ng	98
20) 3+4-Methylphenols	8.32	107	411637	35.965	ng	98
22) Acetophenone	8.36	105	574824	35.460	ng	# 100
24) Nitrobenzene	8.75	77	501552	36.381	ng	99
25) Isophorone	9.26	82	916147	35.364	ng	99
26) 2-Nitrophenol	9.45	139	207280	35.282	ng	97
27) 2,4-Dimethylphenol	9.50	122	296257	35.665	ng	97
28) bis(2-Chloroethoxy)methane	9.74	93	516153	35.581	ng	99
29) 2,4-Dichlorophenol	9.97	162	337989	35.826	ng	97
30) 1,2,4-Trichlorobenzene	10.17	180	359983	35.452	ng	100
31) Naphthalene	10.36	128	1138781	35.673	ng	99
32) Benzoic acid	9.71	122	239837	32.484	ng	97
33) 4-Chloroaniline	10.50	127	466138	35.445	ng	99
34) Hexachlorobutadiene	10.61	225	213838	35.707	ng	98
35) Caprolactam	11.33	113	112559	31.520	ng	94
36) 4-Chloro-3-methylphenol	11.63	107	417326	35.601	ng	99
37) 2-Methylnaphthalene	11.98	142	819481	35.260	ng	100
38) 1-Methylnaphthalene	12.20	142	811443	35.361	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	392100	35.594	ng	99

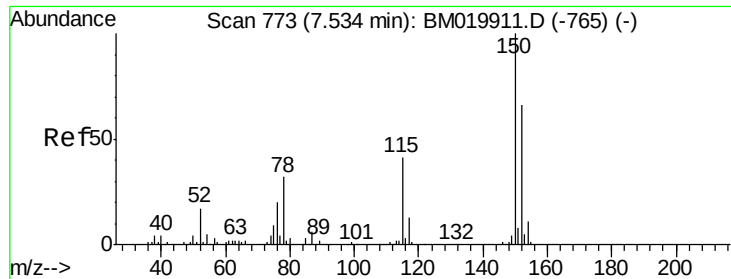
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041619\
 Data File : BM019925.D
 Acq On : 16 Apr 2019 09:55
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 16 16:40:23 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 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	99798	33.522	ng	97
43) 2,4,6-Trichlorophenol	12.62	196	264958	35.477	ng	100
44) 2,4,5-Trichlorophenol	12.70	196	274961	35.373	ng	98
46) 1,1'-Biphenyl	13.02	154	1110768	35.914	ng	99
47) 2-Chloronaphthalene	13.06	162	841924	35.688	ng	99
48) 2-Nitroaniline	13.30	65	304497	35.808	ng	98
49) Acenaphthylene	13.92	152	1456766	35.490	ng	99
50) Dimethylphthalate	13.67	163	1120966	35.590	ng	100
51) 2,6-Dinitrotoluene	13.81	165	245398	35.233	ng	90
52) Acenaphthene	14.26	154	817312	35.912	ng	99
53) 3-Nitroaniline	14.15	138	244223	35.117	ng	96
54) 2,4-Dinitrophenol	14.38	184	120414	33.724	ng	95
55) Dibenzofuran	14.60	168	1317170	35.392	ng	100
56) 4-Nitrophenol	14.48	139	165797	33.859	ng	94
57) 2,4-Dinitrotoluene	14.62	165	346134	34.573	ng	96
58) Fluorene	15.26	166	1103501	34.993	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.84	232	250996	35.389	ng	100
60) Diethylphthalate	15.04	149	1159155	35.385	ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	533801	35.157	ng	97
62) 4-Nitroaniline	15.33	138	236907	34.574	ng	96
63) Azobenzene	15.55	77	1267351	36.198	ng	98
65) 4,6-Dinitro-2-methylphenol	15.38	198	172588	35.043	ng	99
66) n-Nitrosodiphenylamine	15.48	169	907580	35.964	ng	99
67) 4-Bromophenyl-phenylether	16.15	248	316968	35.716	ng	95
68) Hexachlorobenzene	16.26	284	378862	35.579	ng	99
69) Atrazine	16.44	200	308894	36.057	ng	98
70) Pentachlorophenol	16.62	266	188401	34.627	ng	98
71) Phenanthrene	17.00	178	1618063	35.324	ng	99
72) Anthracene	17.09	178	1600202	35.094	ng	100
73) Carbazole	17.39	167	1470630	34.544	ng	99
74) Di-n-butylphthalate	17.93	149	1918930	34.322	ng	99
75) Fluoranthene	19.03	202	1751916	33.233	ng	100
77) Benzidine	19.24	184	743655	38.549	ng	99
78) Pyrene	19.40	202	1800789	38.893	ng	99
80) Butylbenzylphthalate	20.31	149	800596	35.665	ng	96
81) Benzo(a)anthracene	21.16	228	1552233	35.046	ng	98
82) 3,3'-Dichlorobenzidine	21.10	252	586856	35.613	ng	98
83) Chrysene	21.22	228	1487146	35.012	ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	1134190	33.938	ng	99
85) Di-n-octyl phthalate	21.94	149	1826217	33.678	ng	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	1686098	40.353	ng	100
88) Benzo(b)fluoranthene	22.72	252	1506762	35.236	ng	99
89) Benzo(k)fluoranthene	22.76	252	1351765	33.578	ng	99
90) Benzo(a)pyrene	23.28	252	1339635	35.356	ng	99
91) Dibenzo(a,h)anthracene	25.59	278	1410245	38.604	ng	99
92) Benzo(g,h,i)perylene	26.26	276	1308917	39.560	ng	99

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

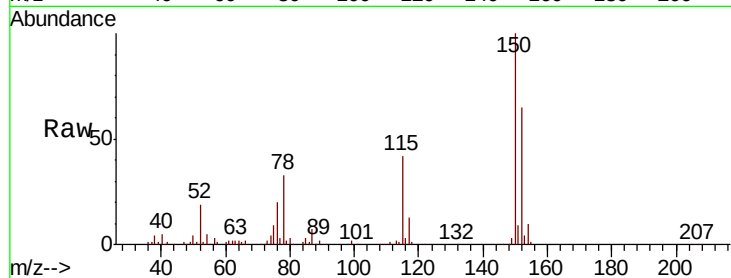


#1

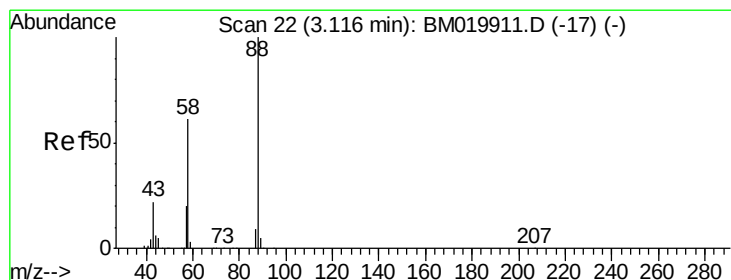
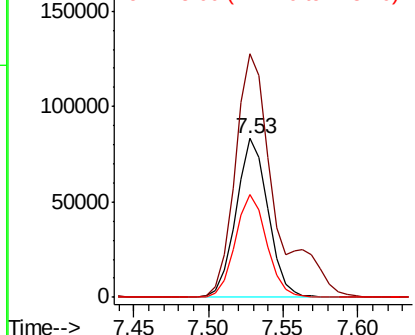
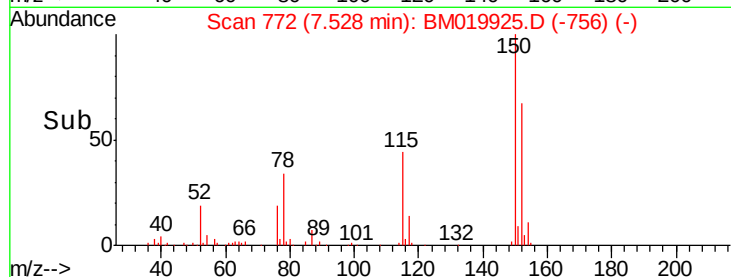
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 124079
Ion Ratio Lower Upper
152 100
150 153.1 122.1 183.1
115 64.6 50.0 75.0



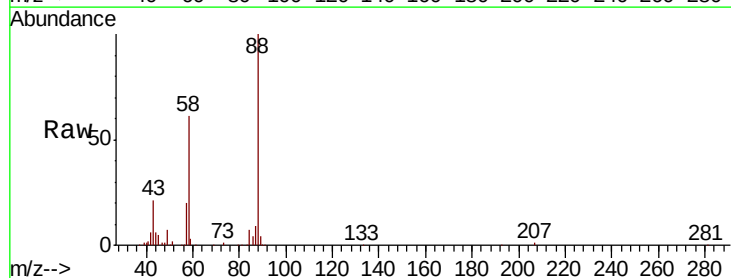
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



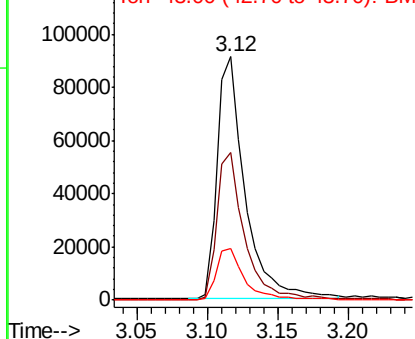
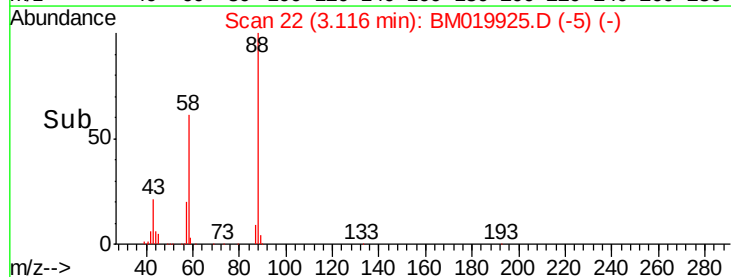
#2

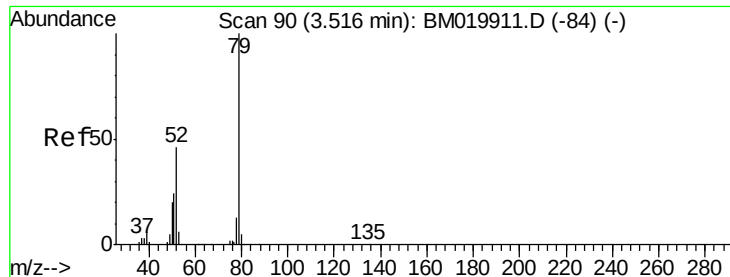
1,4-Dioxane
Concen: 37.846 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Tgt Ion: 88 Resp: 125038
Ion Ratio Lower Upper
88 100
58 60.7 49.6 74.4
43 22.0 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: 39.931 ng

RT: 3.52 min Scan# 90

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampleId :

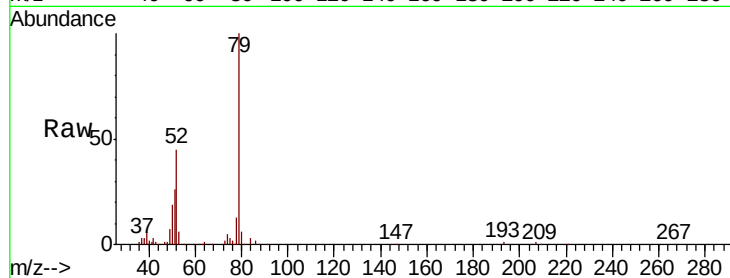
Tot Ion: 79 Resp: 369469

Ion Ratio Lower Upper

79 100

52 44.9 36.9 55.3

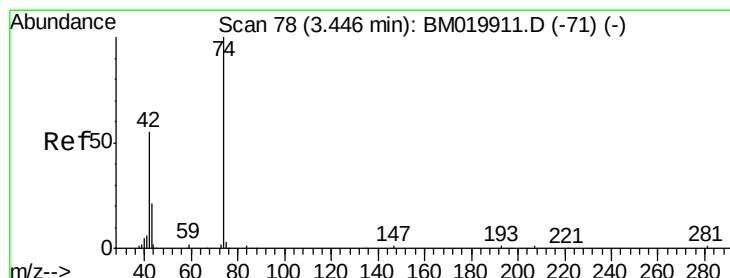
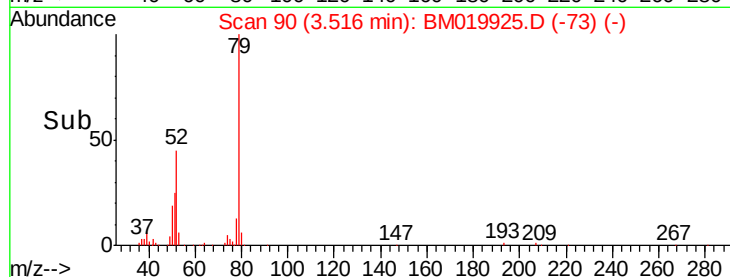
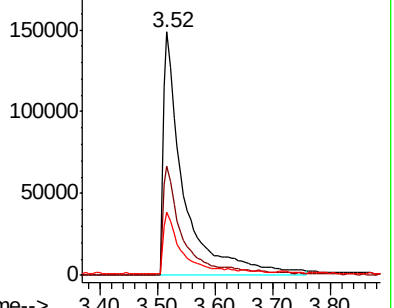
51 26.1 20.0 30.0



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: 34.670 ng

RT: 3.44 min Scan# 77

Delta R.T. -0.01 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

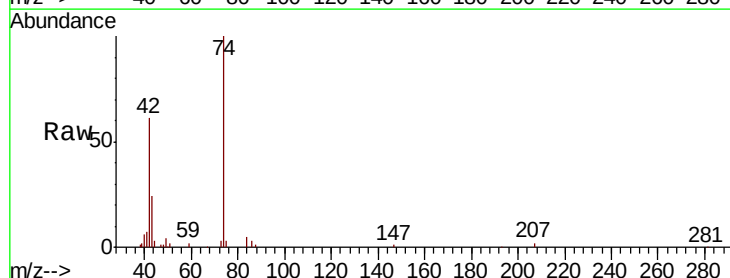
Tgt Ion: 42 Resp: 103339

Ion Ratio Lower Upper

42 100

74 165.3 144.6 217.0

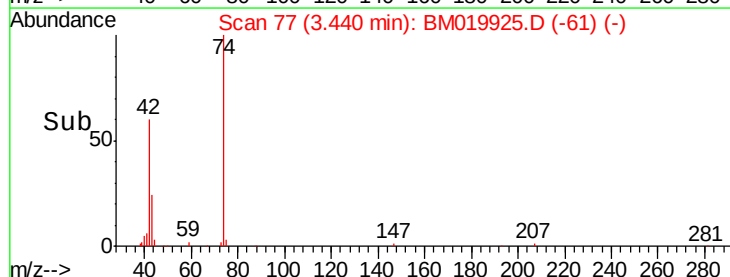
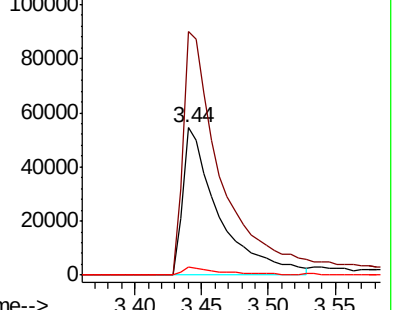
44 5.4 5.4 8.2#

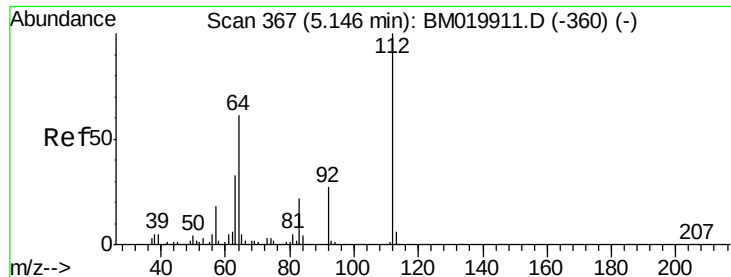


Abundance Ion 42.00 (41.70 to 42.70): BM019911.D (-71) (-)

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: 72.663 ng

RT: 5.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampleId :

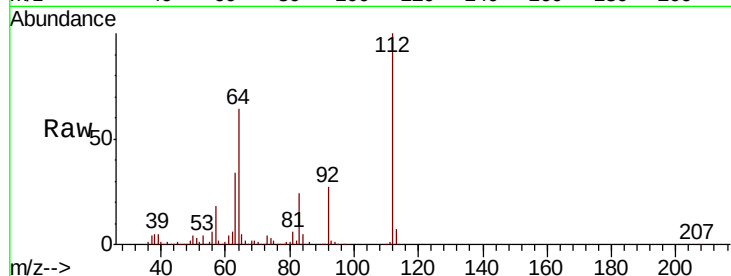
Tot Ion:112 Resp: 556318

Ion Ratio Lower Upper

112 100

64 64.4 49.1 73.7

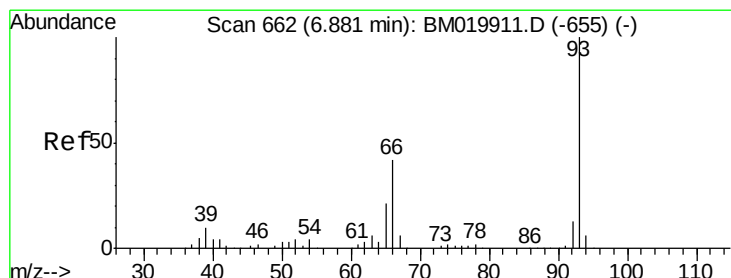
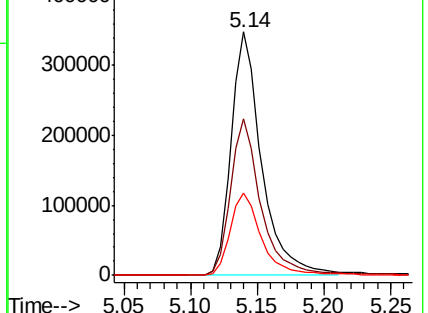
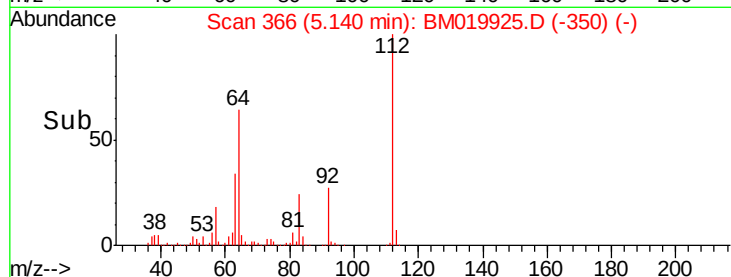
63 33.9 26.5 39.7



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: 36.373 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

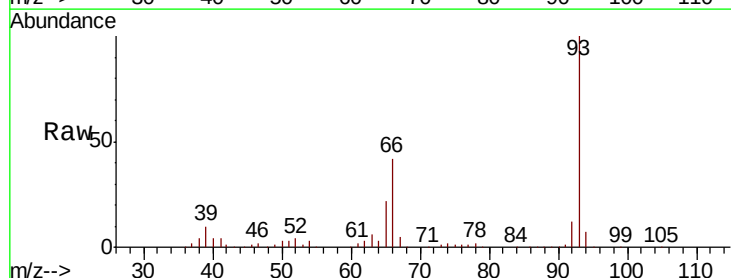
Tgt Ion: 93 Resp: 541307

Ion Ratio Lower Upper

93 100

66 42.1 33.9 50.9

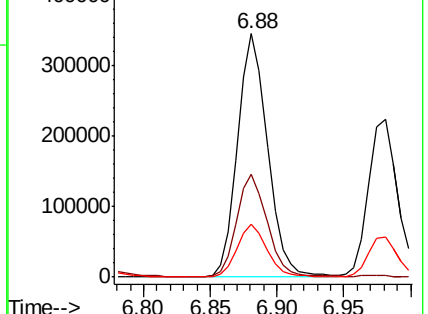
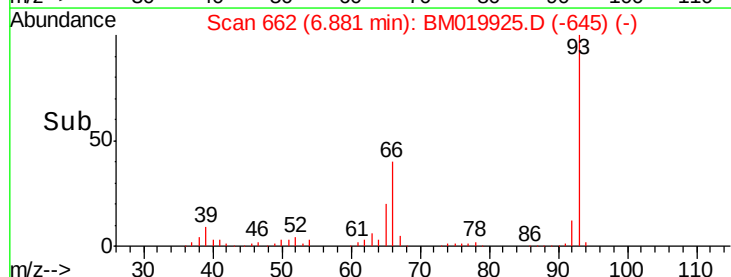
65 21.6 17.0 25.6

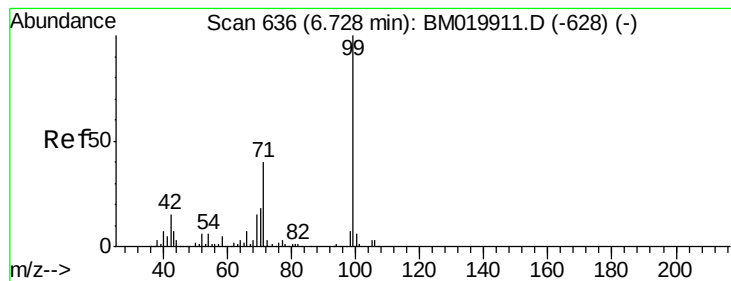


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 72.574 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampleId :

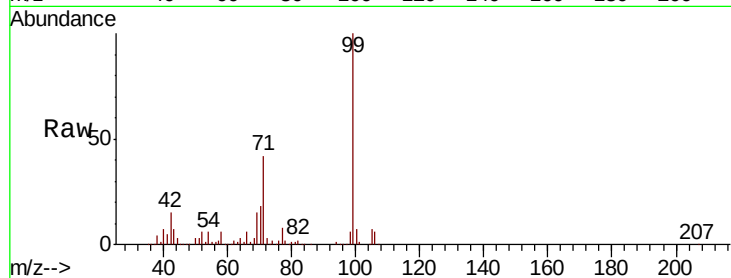
Tot Ion: 99 Resp: 836229

Ion Ratio Lower Upper

99 100

42 15.2 11.8 17.8

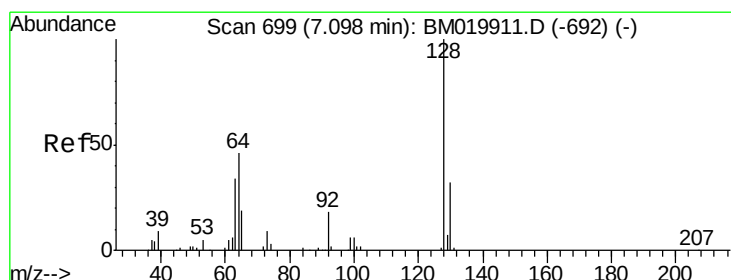
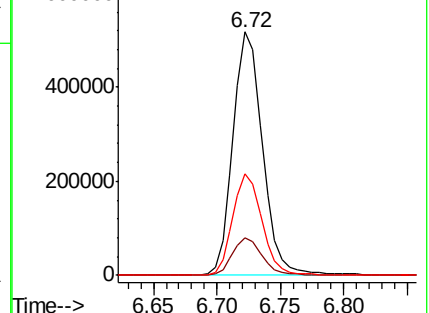
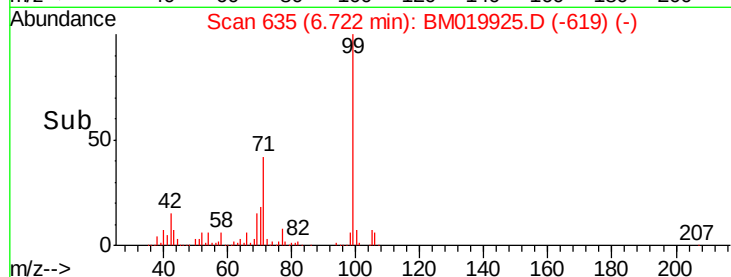
71 41.9 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM019911.D (-628) (-)



#8

2-Chlorophenol

Concen: 36.119 ng

RT: 7.10 min Scan# 699

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

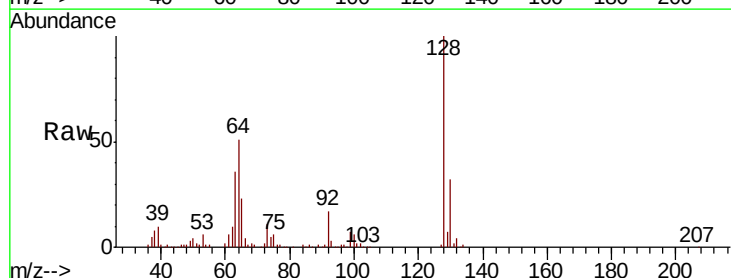
Tgt Ion: 128 Resp: 343935

Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

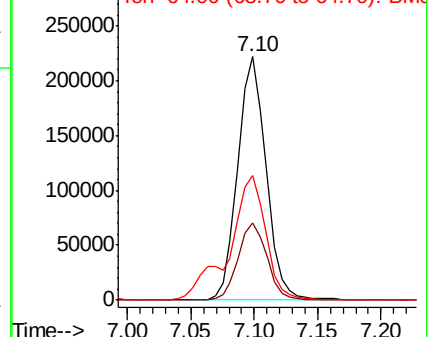
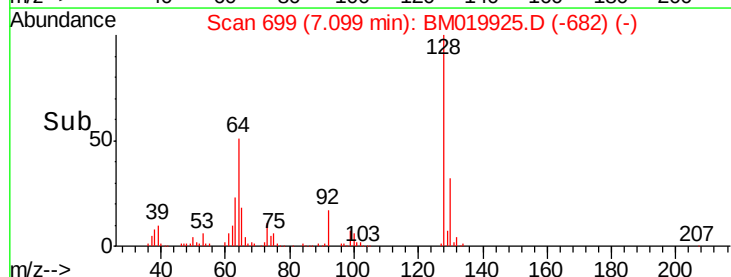
64 51.0 33.0 73.0

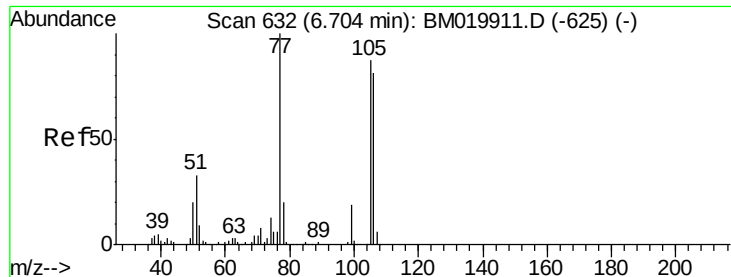


Abundance Ion 128.00 (127.70 to 128.70): BM019911.D (-692) (-)

Ion 130.00 (129.70 to 130.70): BM019911.D (-692) (-)

Ion 64.00 (63.70 to 64.70): BM019911.D (-692) (-)





#9

Benzaldehyde

Concen: 36.599 ng

RT: 6.70 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampleId :

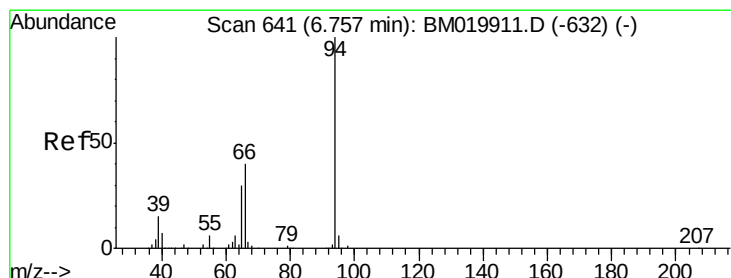
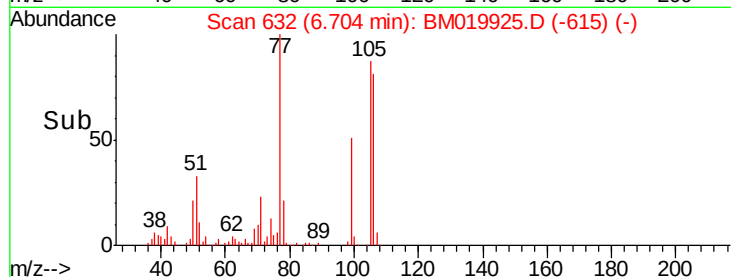
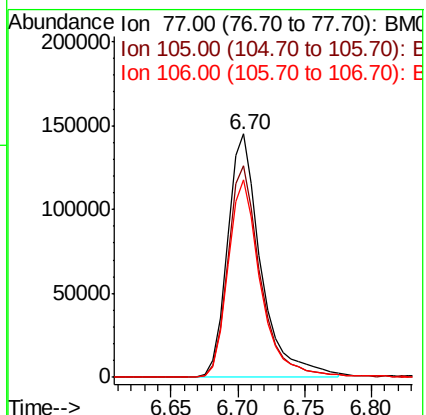
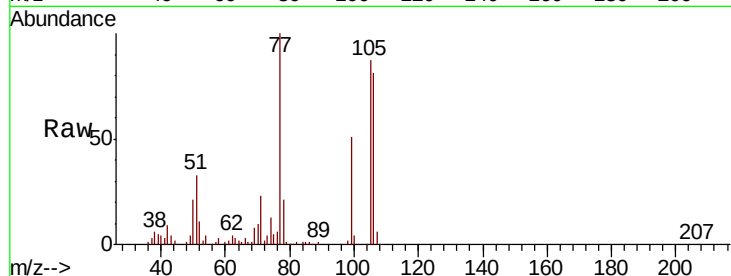
Tot Ion: 77 Resp: 253993

Ion Ratio Lower Upper

77 100

105 87.1 67.3 107.3

106 81.1 60.6 100.6



#10

Phenol

Concen: 36.258 ng

RT: 6.75 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

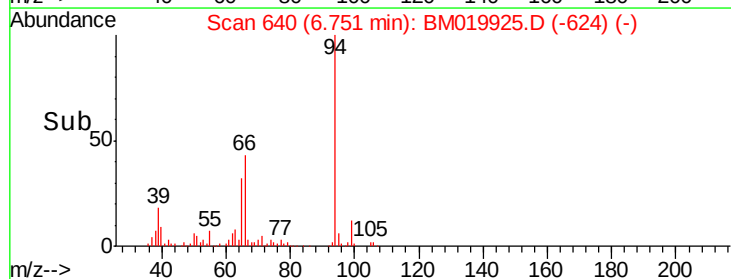
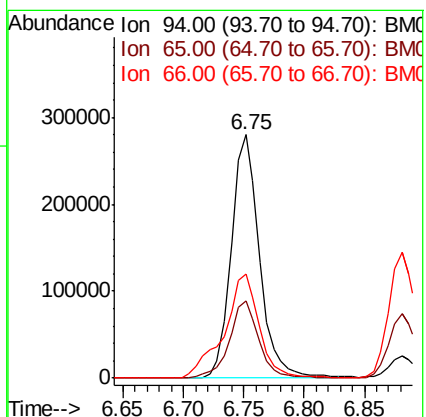
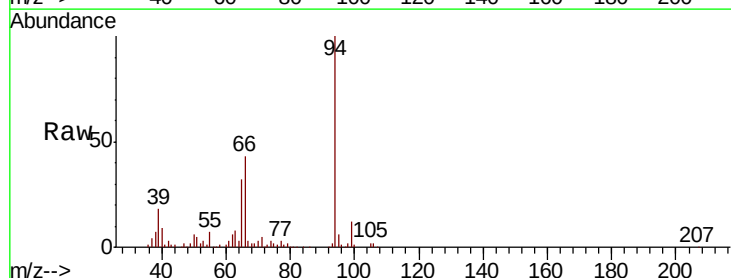
Tgt Ion: 94 Resp: 456455

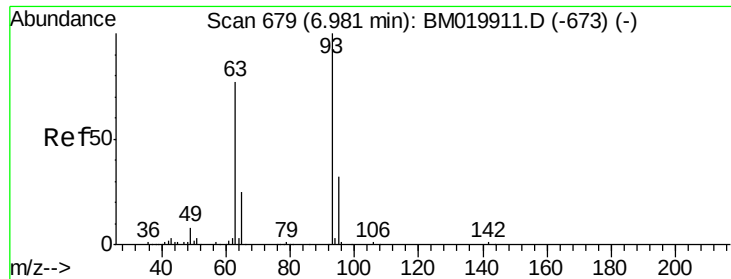
Ion Ratio Lower Upper

94 100

65 31.8 10.0 50.0

66 42.6 20.2 60.2

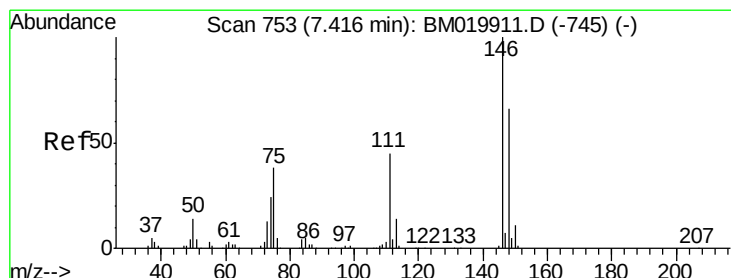
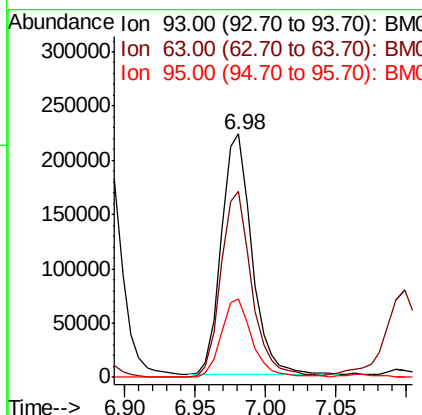
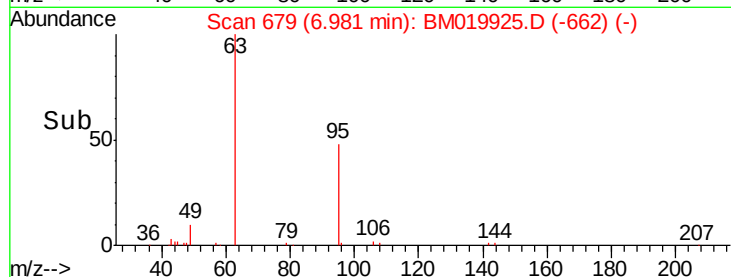
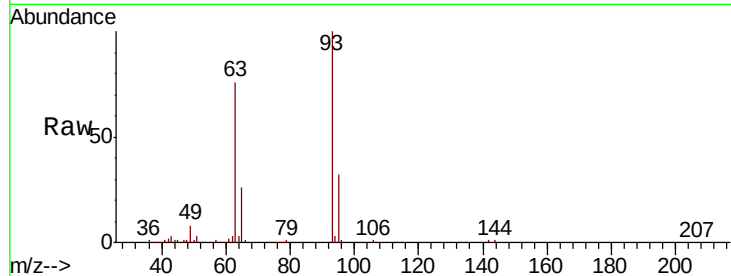




#11
bis(2-Chloroethyl)ether
Concen: 36.055 ng
RT: 6.98 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

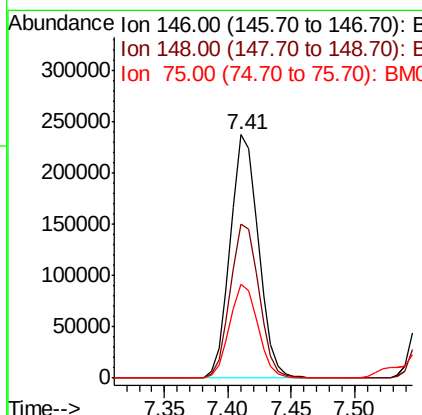
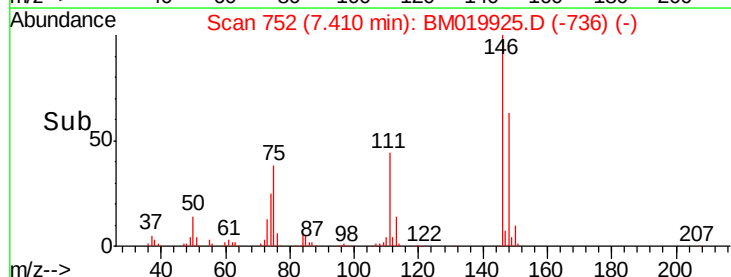
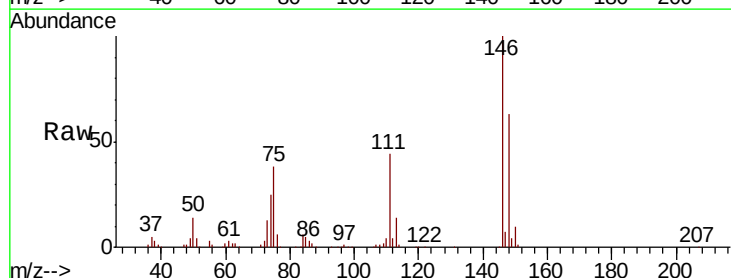
Instrument :
BNA_M
ClientSampleId :

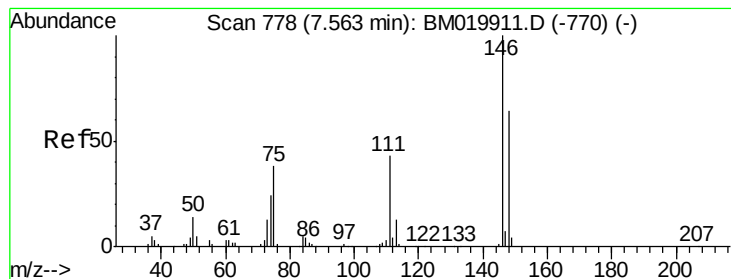
Tot Ion: 93 Resp: 332098
Ion Ratio Lower Upper
93 100
63 76.2 55.8 95.8
95 32.3 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 36.657 ng
RT: 7.41 min Scan# 752
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Tgt Ion: 146 Resp: 366457
Ion Ratio Lower Upper
146 100
148 63.3 52.6 78.8
75 38.5 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 36.458 ng

RT: 7.56 min Scan# 778

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampled :

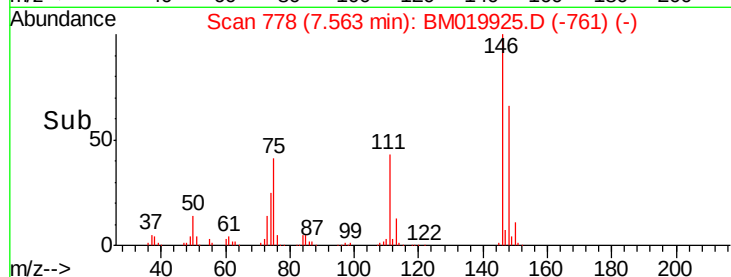
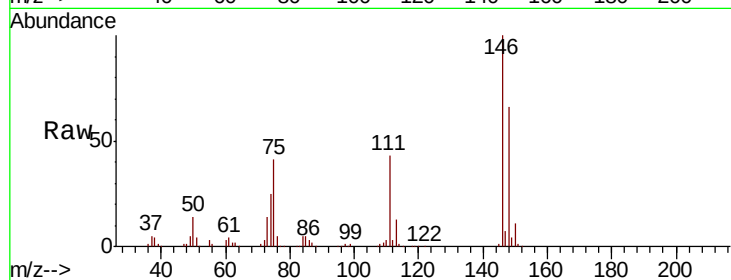
Tot Ion:146 Resp: 369781

Ion Ratio Lower Upper

146 100

148 66.4 51.1 76.7

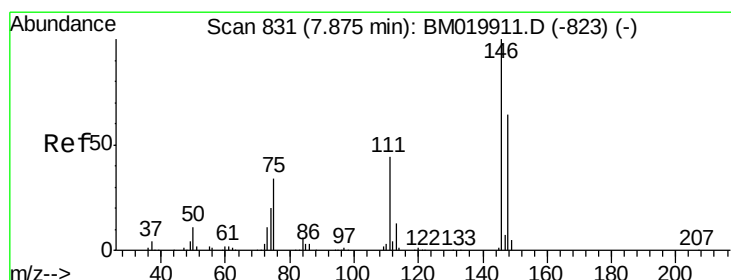
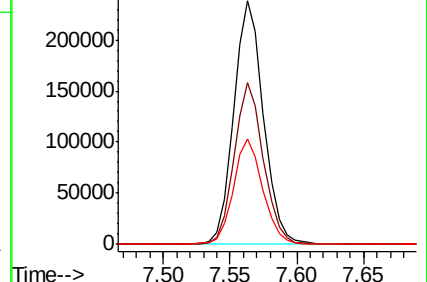
111 43.4 34.6 51.8



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: 36.210 ng

RT: 7.87 min Scan# 831

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

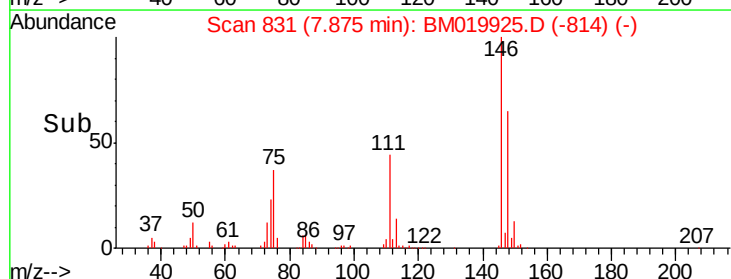
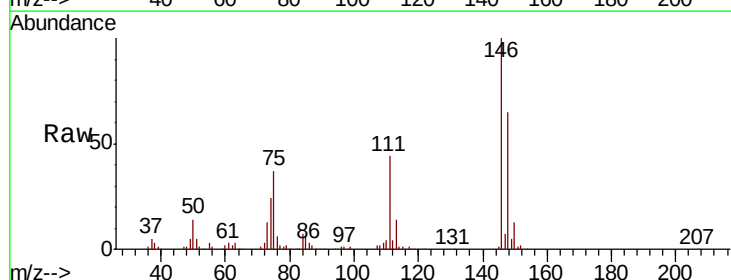
Tgt Ion:146 Resp: 364161

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.2

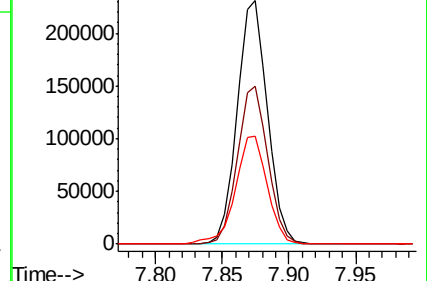
111 44.4 35.4 53.0

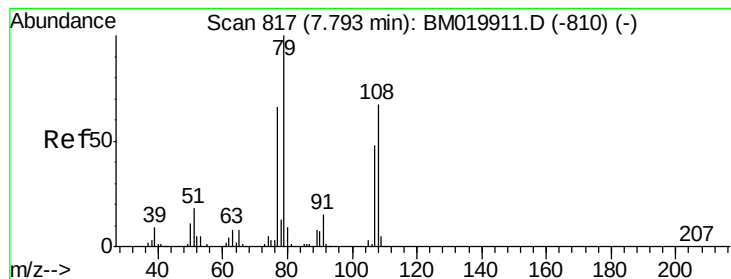


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.958 ng

RT: 7.79 min Scan# 817

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampled :

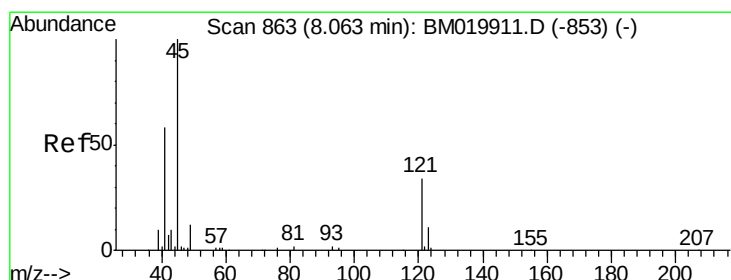
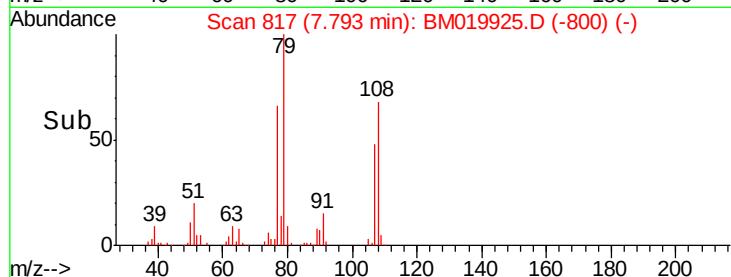
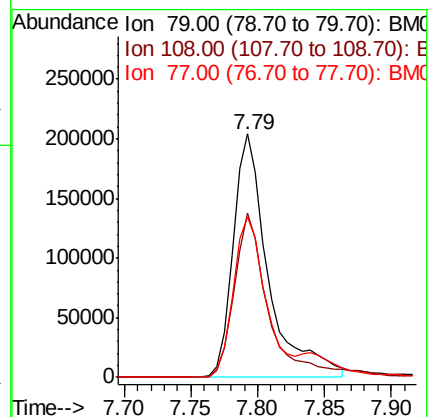
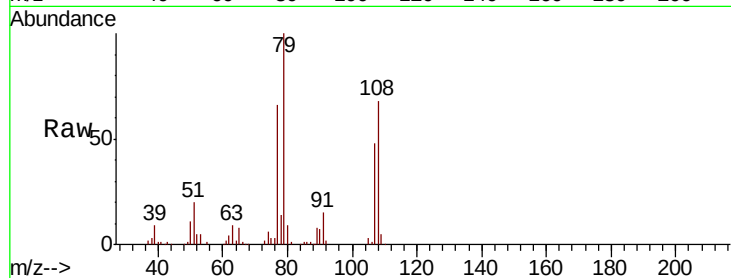
Tot Ion: 79 Resp: 376659

Ion Ratio Lower Upper

79 100

108 67.5 53.9 80.9

77 65.7 53.1 79.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.016 ng

RT: 8.06 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

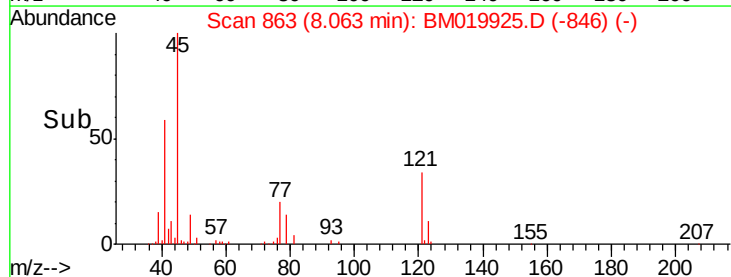
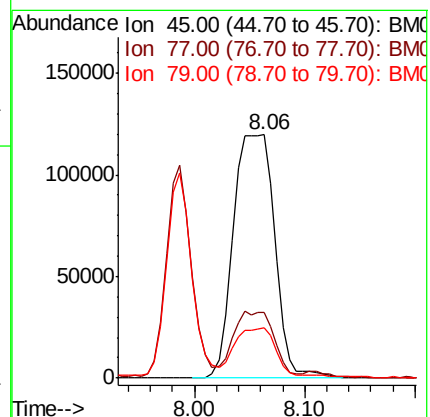
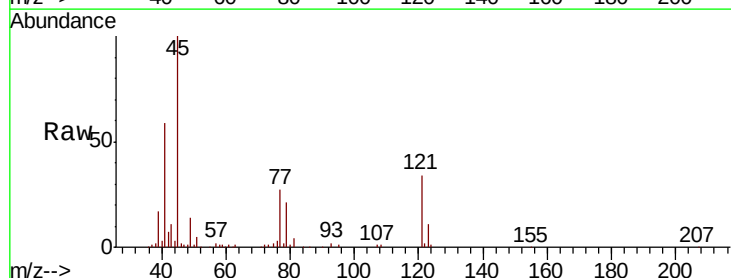
Tgt Ion: 45 Resp: 316239

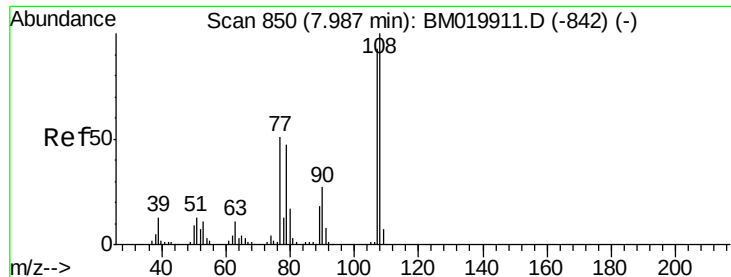
Ion Ratio Lower Upper

45 100

77 27.1 7.2 47.2

79 20.9 1.2 41.2

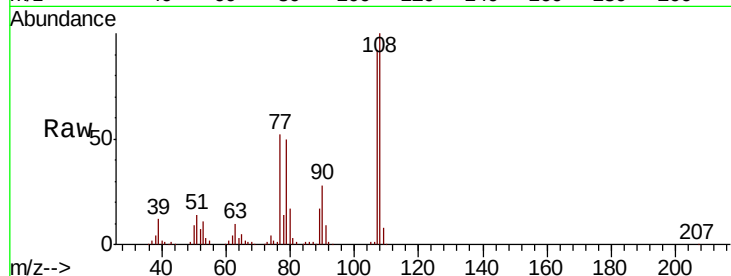




#17
2-Methylphenol
Concen: 35.772 ng
RT: 7.99 min Scan# 850
Delta R.T. 0.00 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	298045
Ion	Ratio	Lower	Upper
107	100		
108	109.2	85.9	128.9
77	56.3	43.8	65.6
79	54.3	41.1	61.7



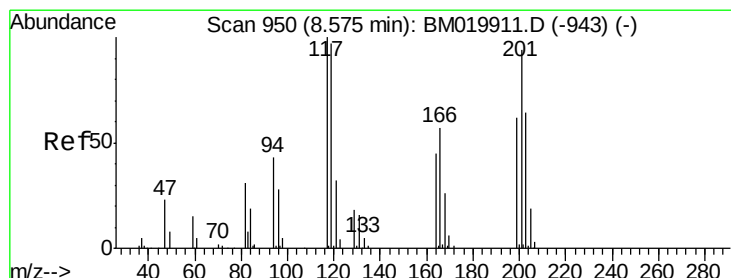
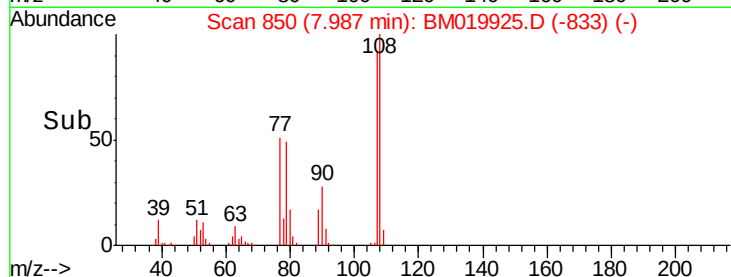
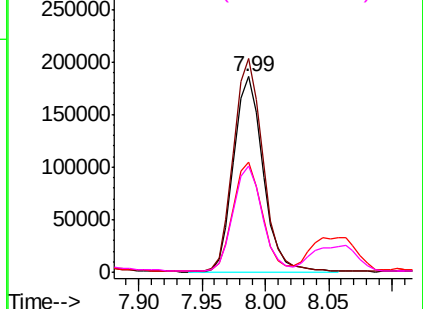
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

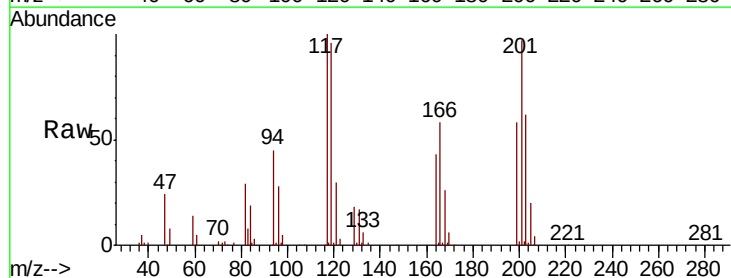
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 36.520 ng
RT: 8.57 min Scan# 950
Delta R.T. 0.00 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Tgt Ion:	117	Resp:	143986
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.6	116.4
201	97.1	75.4	113.2

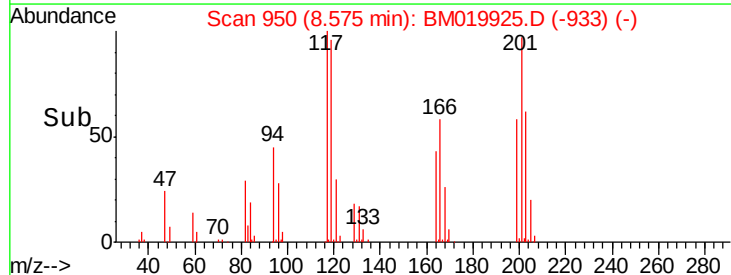
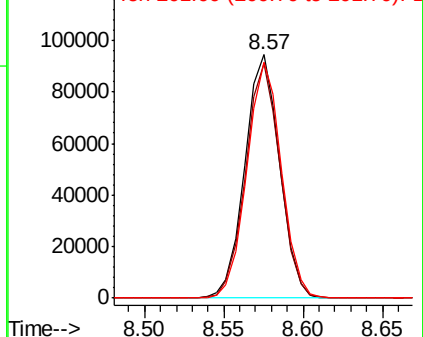


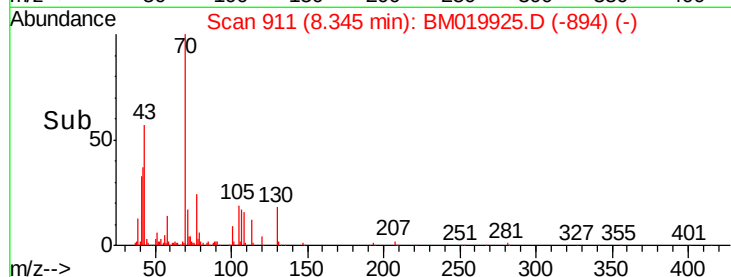
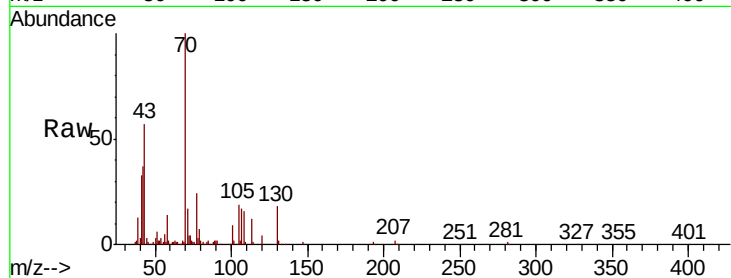
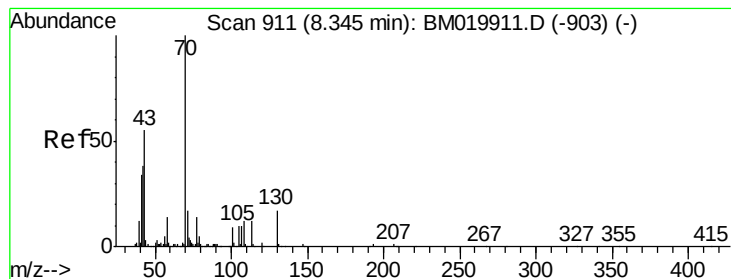
Abundance

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: 35.808 ng

RT: 8.35 min Scan# 911

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 362683

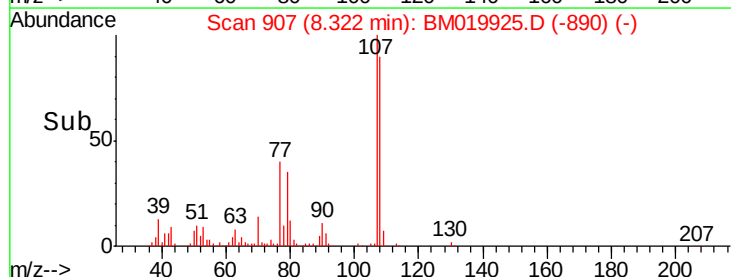
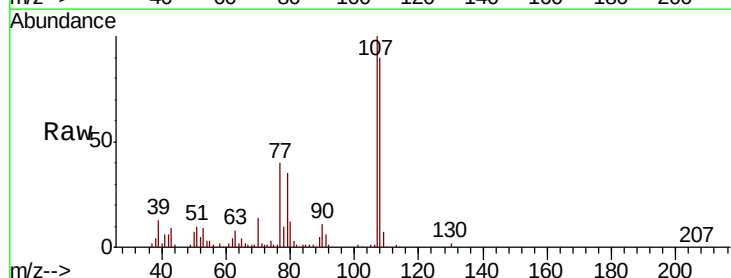
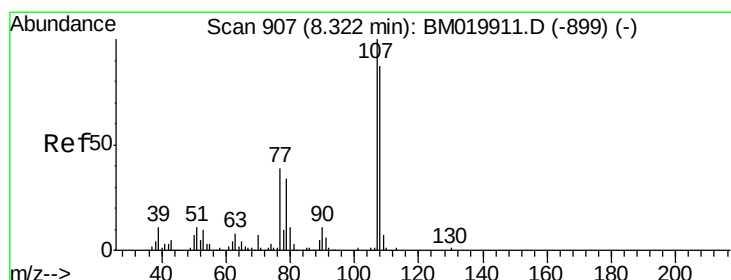
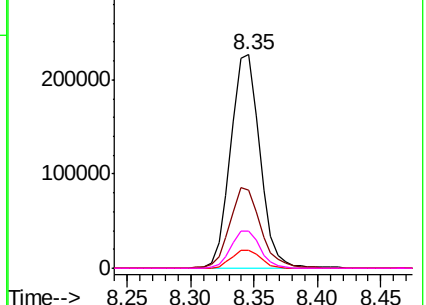
Ion	Ratio	Lower	Upper
70	100		
42	36.7	30.3	45.5
101	8.5	6.9	10.3
130	17.6	13.8	20.6

Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 35.965 ng

RT: 8.32 min Scan# 907

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Tgt Ion:107 Resp: 411637

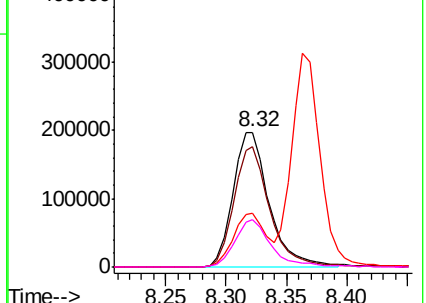
Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.4	107.4
77	40.1	19.7	59.7
79	35.2	14.1	54.1

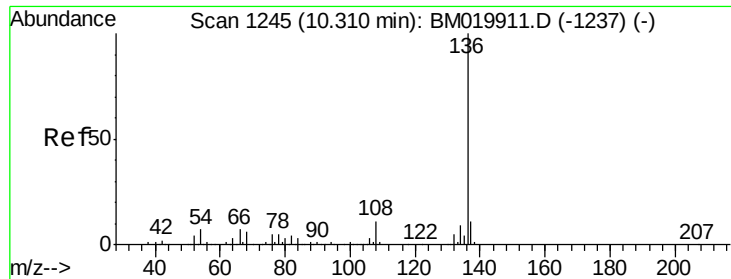
Abundance Ion 107.00 (106.70 to 107.70): E

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

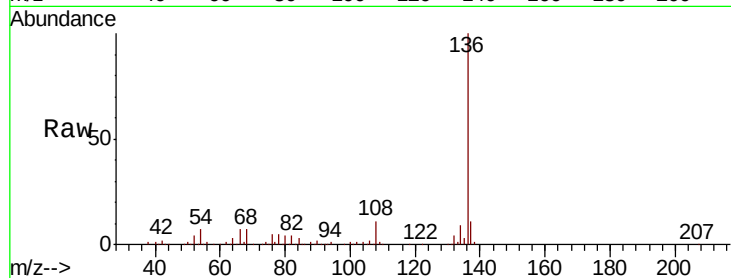




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Instrument :
BNA_M
ClientSampled :

Tot Ion:136	Resp:	595159
Ion Ratio	Lower	Upper
136 100		
137 11.4	9.0	13.6
54 6.8	5.3	7.9
68 6.6	5.2	7.8



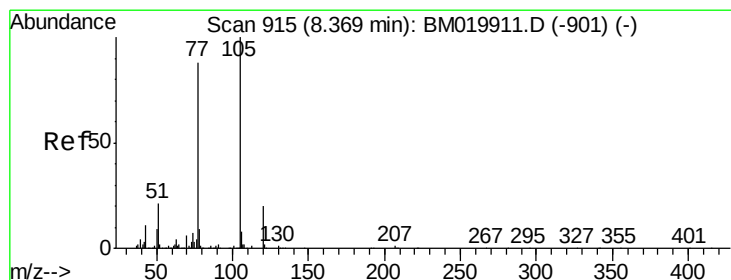
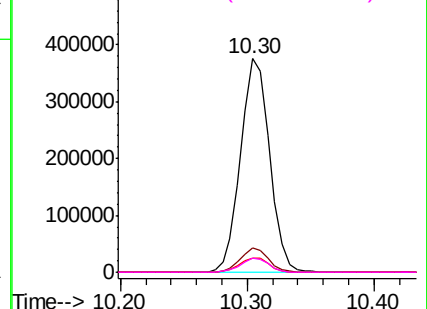
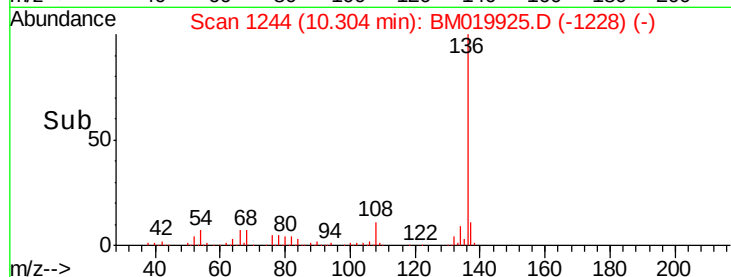
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

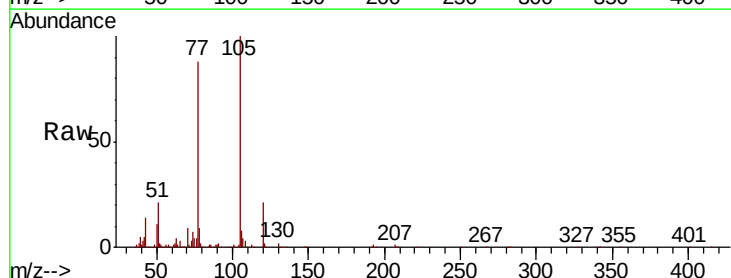
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 35.460 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Tgt	Ion:105	Resp:	574824
Ion	Ratio	Lower	Upper
105	100		
71	1.5	0.8	1.2#
51	21.4	16.9	25.3
120	20.6	16.4	24.6



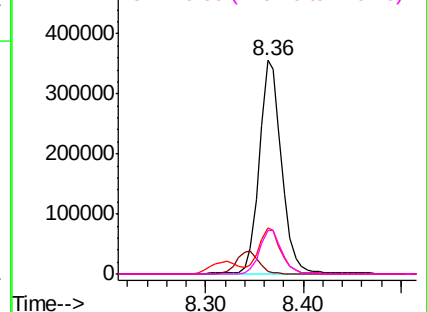
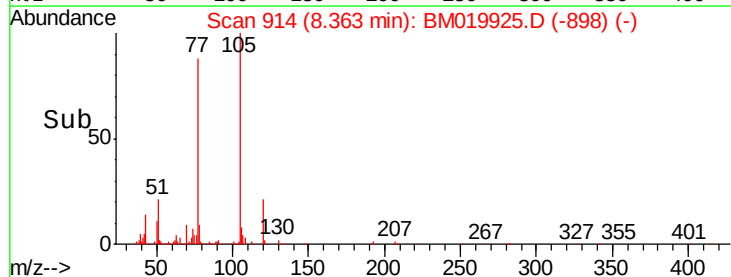
Abundance

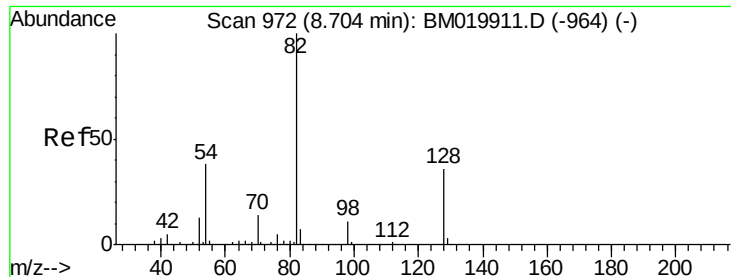
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

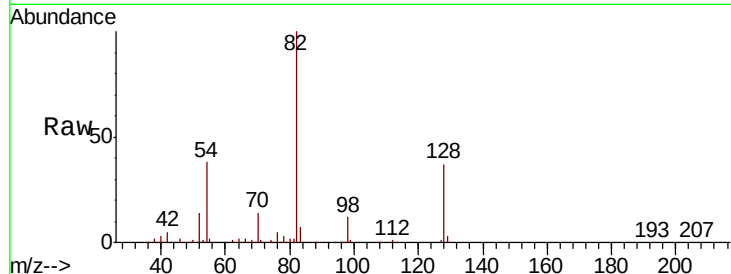




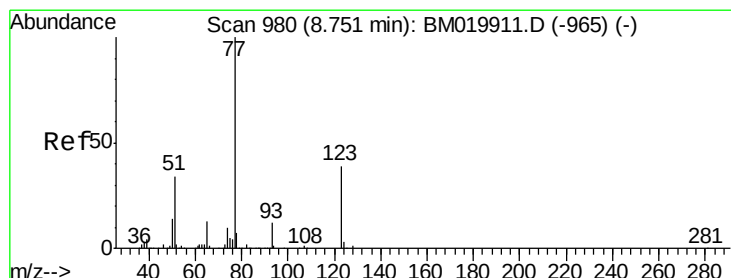
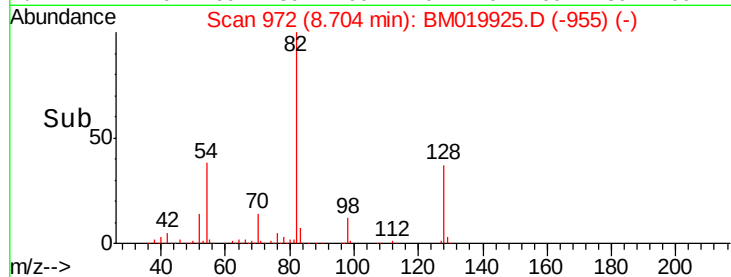
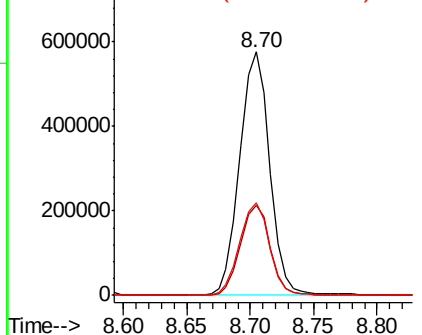
#23
Nitrobenzene-d5
Concen: 71.276 ng
RT: 8.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion	82	Resp	948550
Ion Ratio	Lower	Upper	
82	100		
128	37.1	29.0	43.4
54	37.8	30.2	45.4

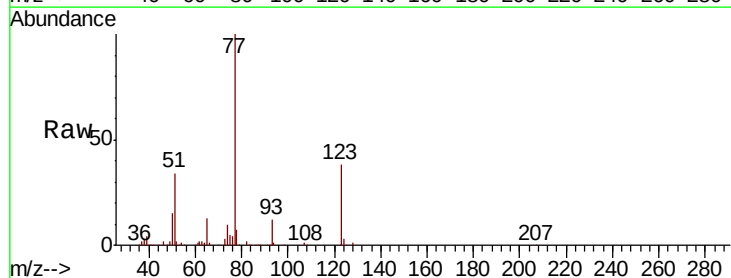


Abundance Ion 82.00 (81.70 to 82.70): BM019911.D (-964) (-)

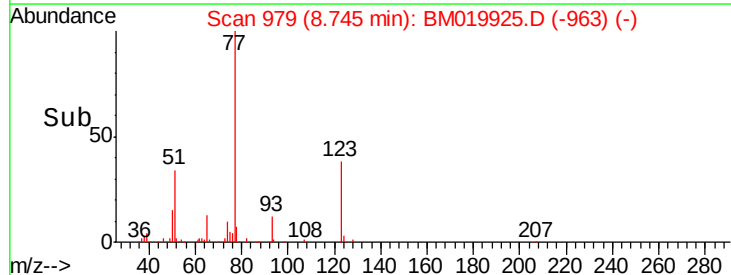
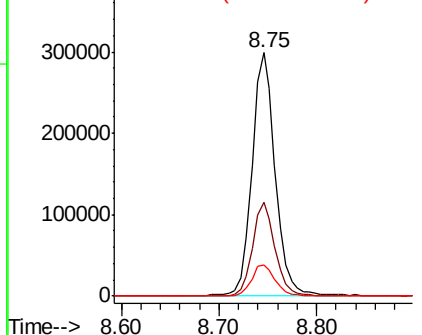


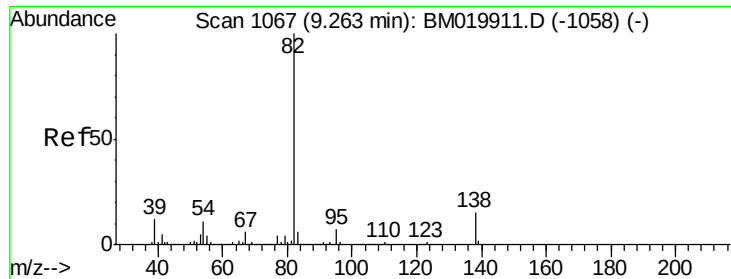
#24
Nitrobenzene
Concen: 36.381 ng
RT: 8.75 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Tgt Ion	77	Resp	501552
Ion Ratio	Lower	Upper	
77	100		
123	38.3	31.0	46.4
65	12.7	10.6	16.0



Abundance Ion 77.00 (76.70 to 77.70): BM019911.D (-965) (-)

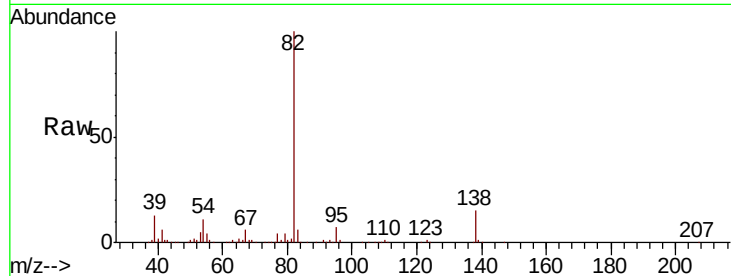




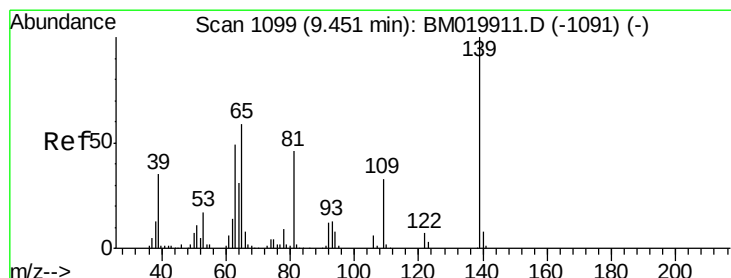
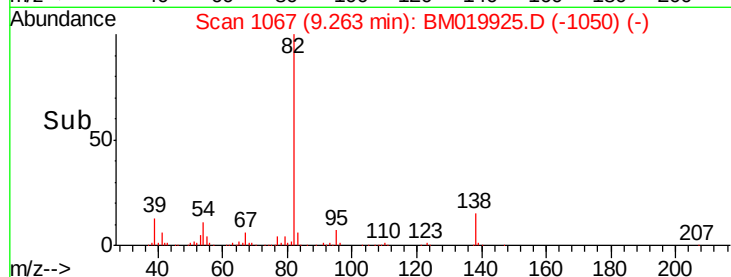
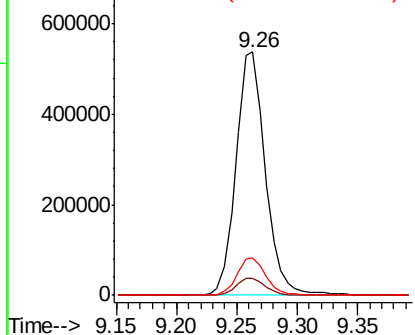
#25
Isophorone
Concen: 35.364 ng
RT: 9.26 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 916147
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 15.5 12.2 18.2

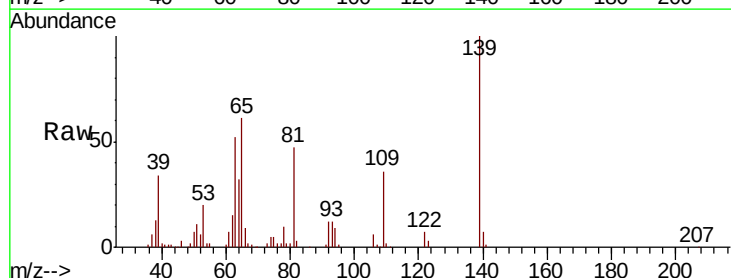


Abundance Ion 82.00 (81.70 to 82.70): BM019925.D (-1058) (-)
Ion 95.00 (94.70 to 95.70): BM019925.D (-1058) (-)
Ion 138.00 (137.70 to 138.70): BM019925.D (-1058) (-)

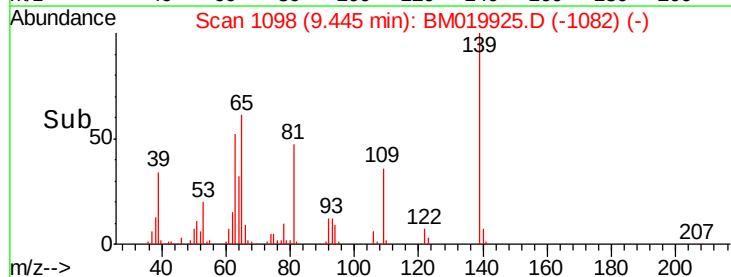
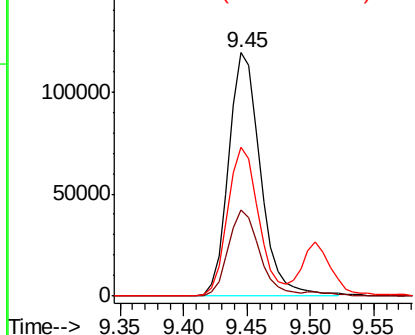


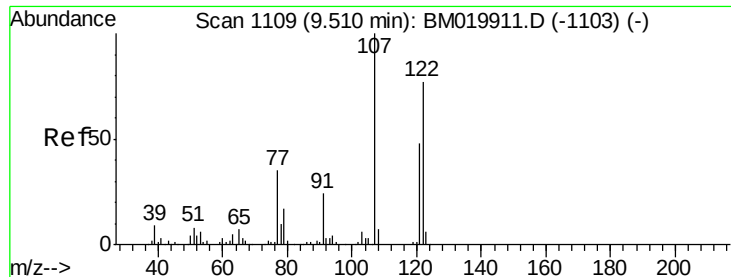
#26
2-Nitrophenol
Concen: 35.282 ng
RT: 9.45 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Tgt Ion: 139 Resp: 207280
Ion Ratio Lower Upper
139 100
109 35.6 26.3 39.5
65 61.4 47.4 71.2



Abundance Ion 139.00 (138.70 to 139.70): BM019925.D (-1082) (-)
Ion 109.00 (108.70 to 109.70): BM019925.D (-1082) (-)
Ion 65.00 (64.70 to 65.70): BM019925.D (-1082) (-)

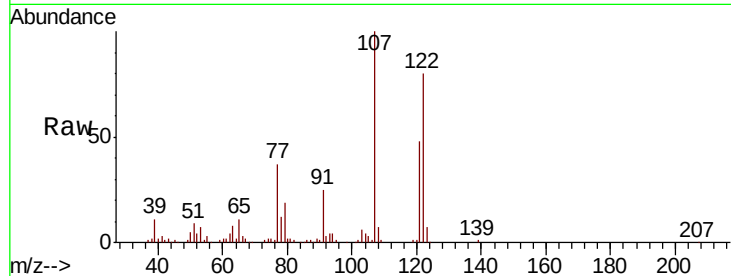




#27
 2,4-Dimethylphenol
 Concen: 35.665 ng
 RT: 9.50 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.7	103.1	154.7
121	60.1	49.8	74.8

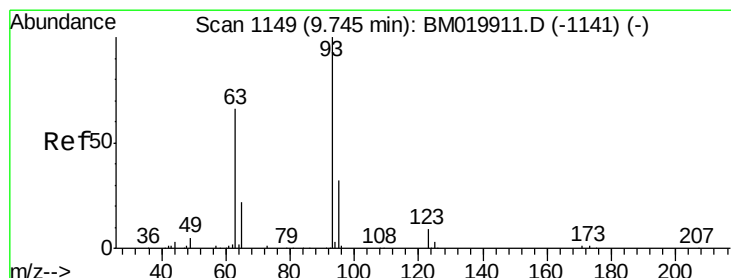
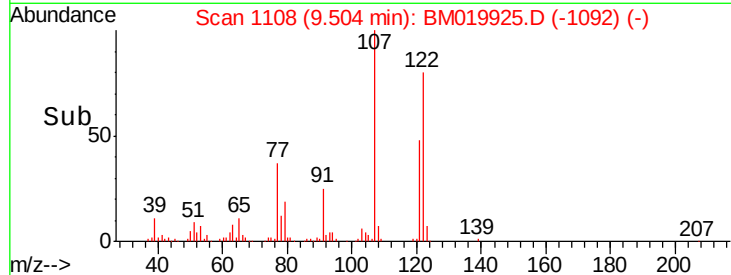
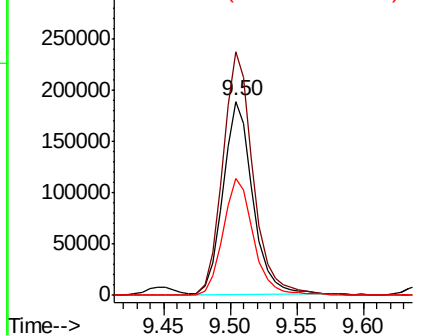


Abundance

Ion 122.00 (121.70 to 122.70): E

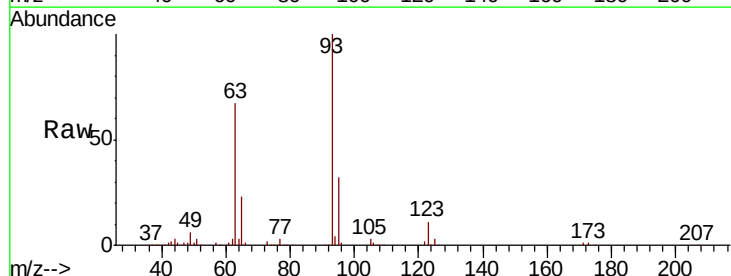
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.581 ng
 RT: 9.74 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.8	38.8
123	10.5	8.2	12.2

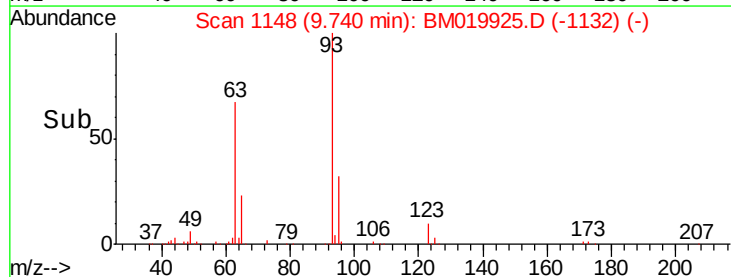
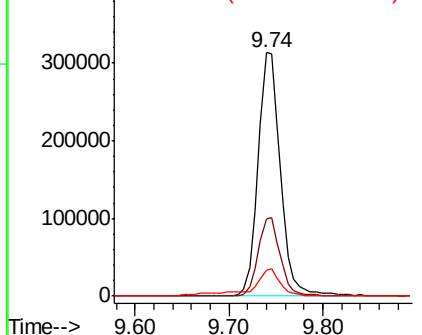


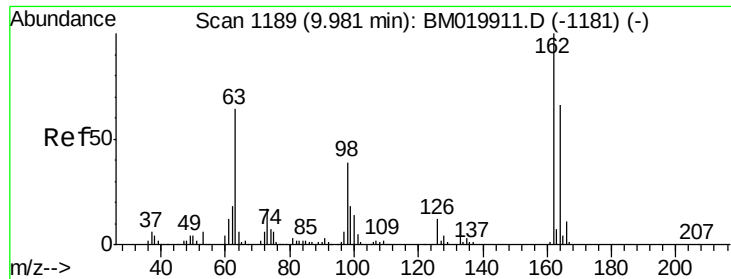
Abundance

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

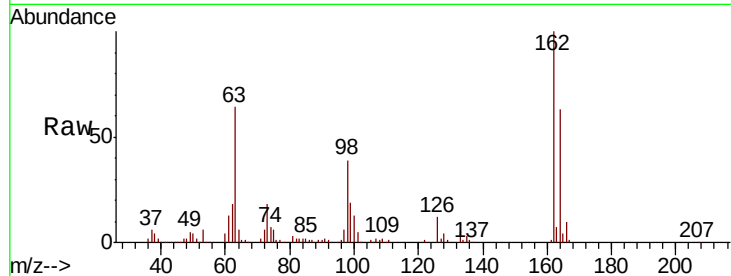




#29
 2,4-Dichlorophenol
 Concen: 35.826 ng
 RT: 9.97 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	46.3	86.3
98	38.6	19.2	59.2

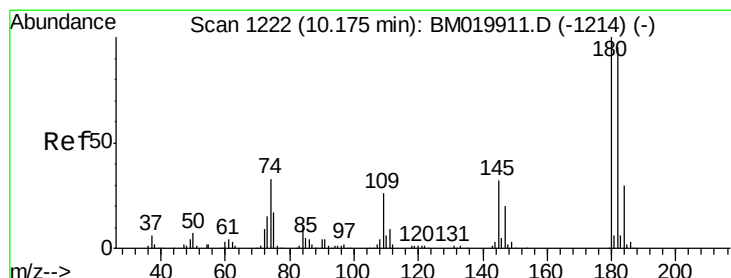
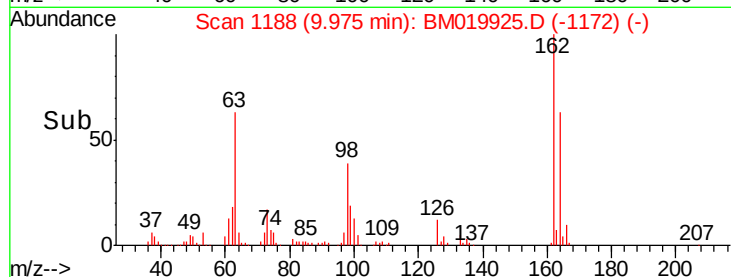
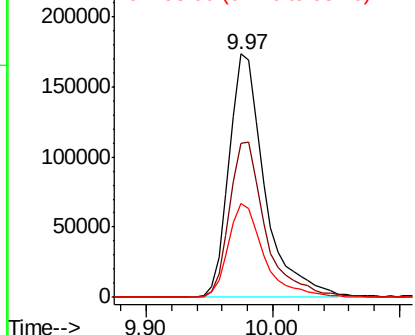


Abundance

Ion 162.00 (161.70 to 162.70): E

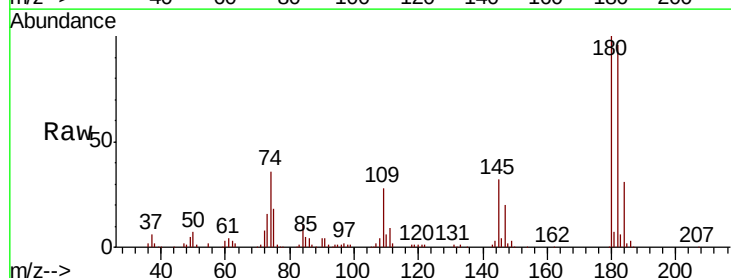
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.452 ng
 RT: 10.17 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.3	114.5
145	31.7	25.5	38.3

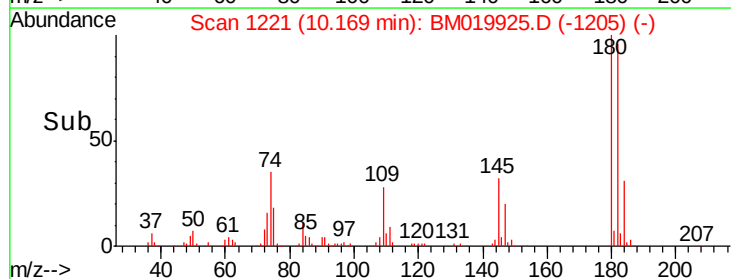
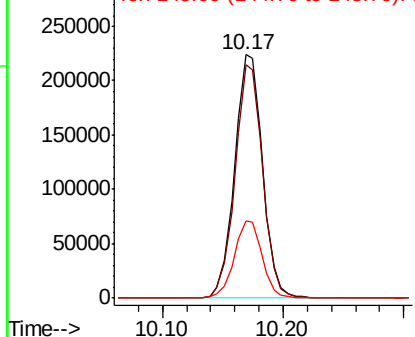


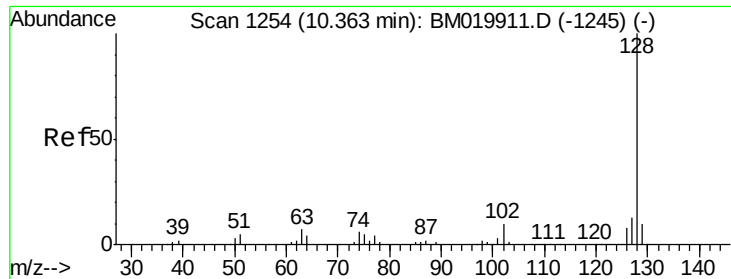
Abundance

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

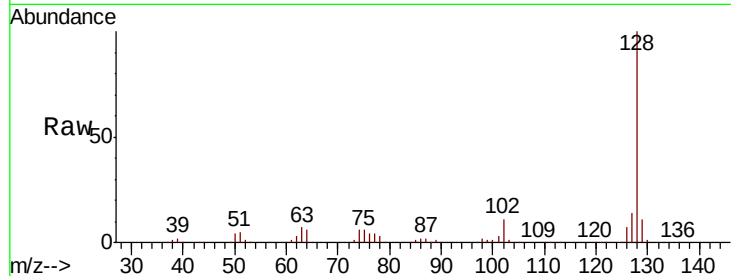




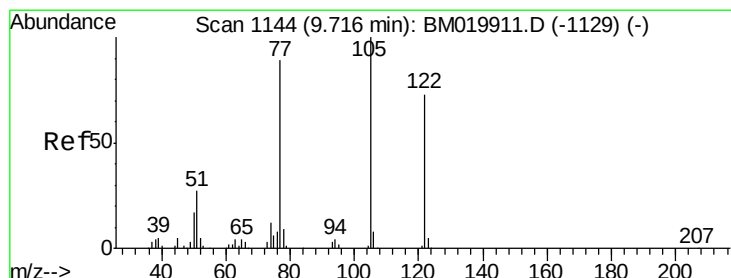
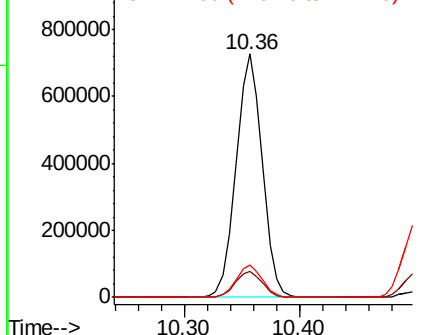
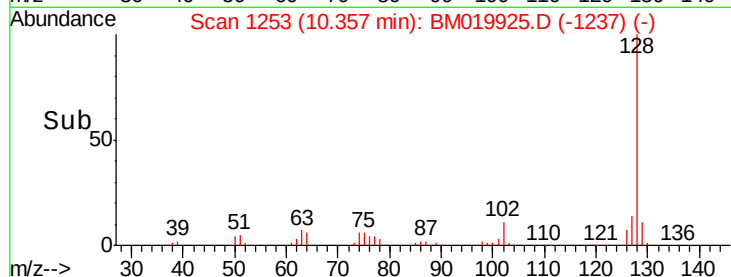
#31
Naphthalene
Concen: 35.673 ng
RT: 10.36 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Instrument :
BNA_M
ClientSampled :

Tot Ion:128 Resp: 1138781
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 13.5 10.4 15.6

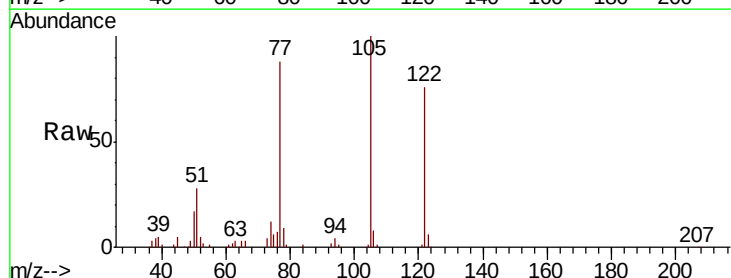


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

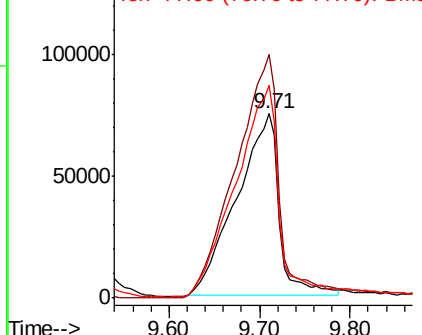
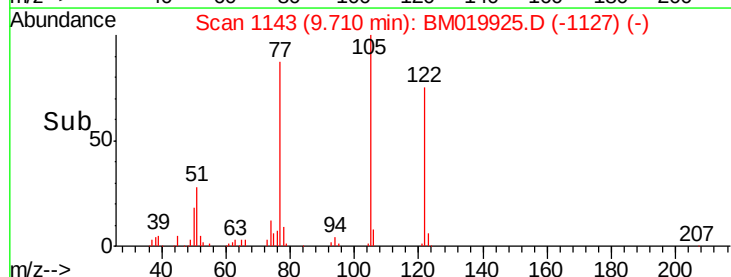


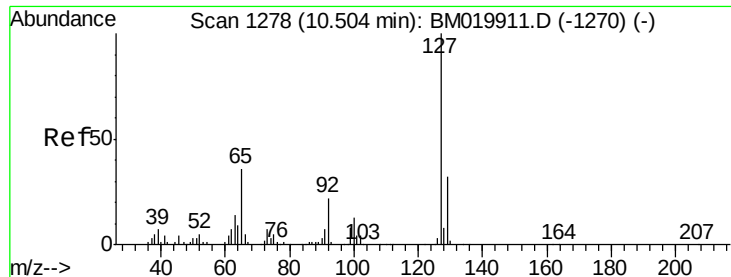
#32
Benzoic acid
Concen: 32.484 ng
RT: 9.71 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Tgt Ion:122 Resp: 239837
Ion Ratio Lower Upper
122 100
105 131.9 114.8 154.8
77 115.5 100.2 140.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

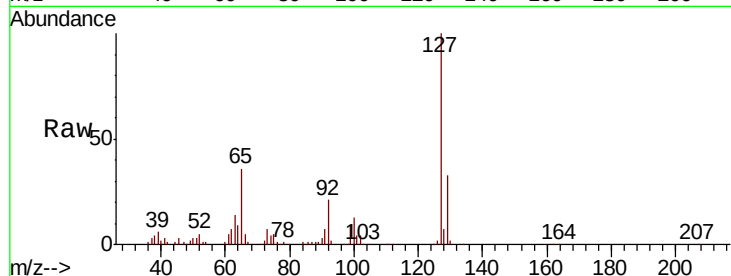




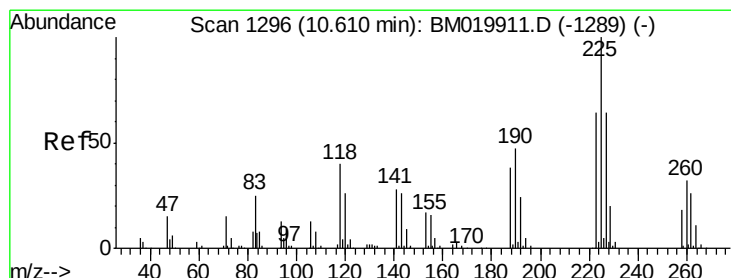
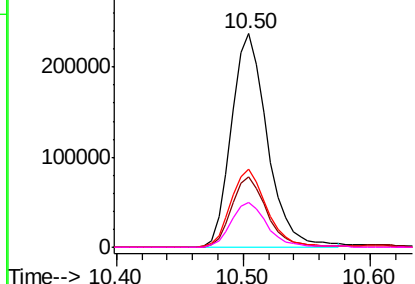
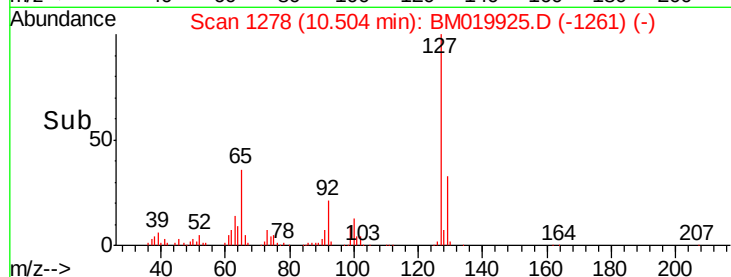
#33
4-Chloroaniline
Concen: 35.445 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	466138
Ion Ratio	Lower	Upper
127	100	
129	32.8	25.4 38.0
65	36.3	29.2 43.8
92	21.0	17.5 26.3

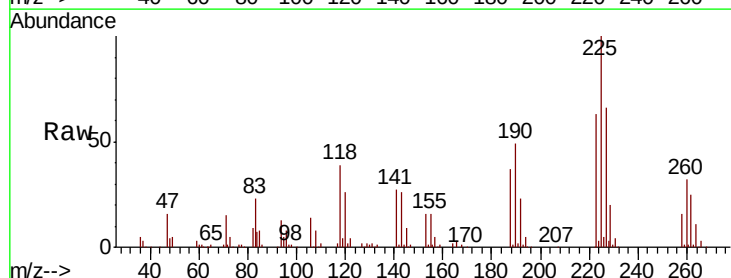


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

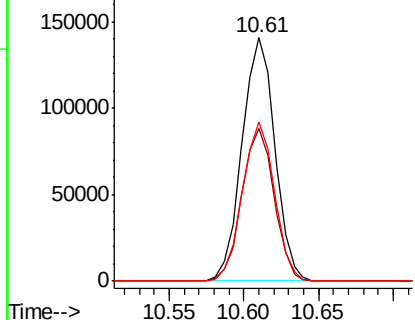
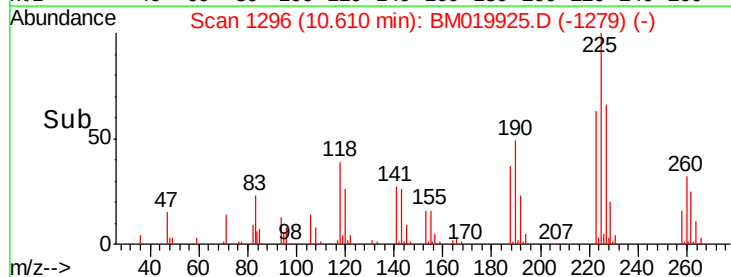


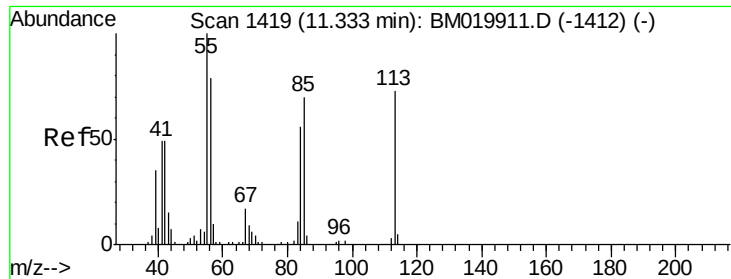
#34
Hexachlorobutadiene
Concen: 35.707 ng
RT: 10.61 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Tgt Ion:225	Resp:	213838
Ion Ratio	Lower	Upper
225	100	
223	62.7	51.4 77.2
227	65.6	51.0 76.6



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

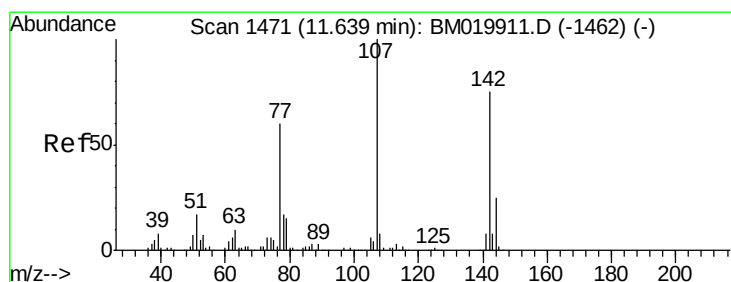
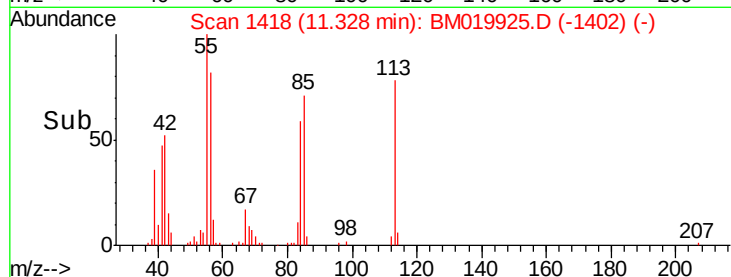
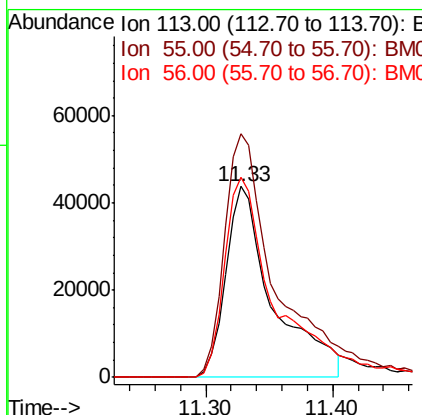
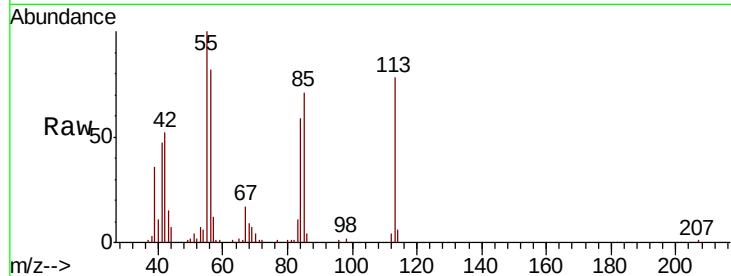




#35
 Caprolactam
 Concen: 31.520 ng
 RT: 11.33 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

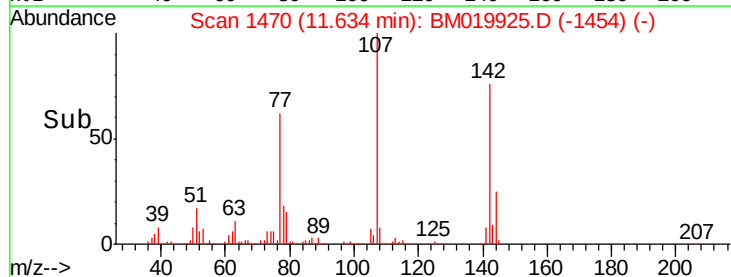
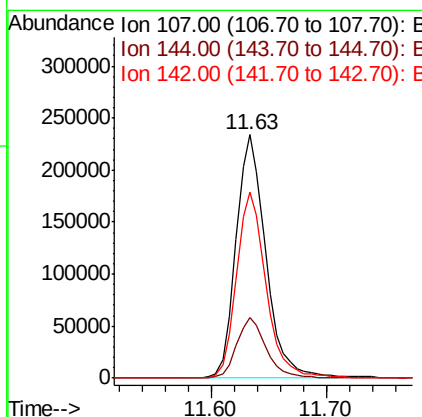
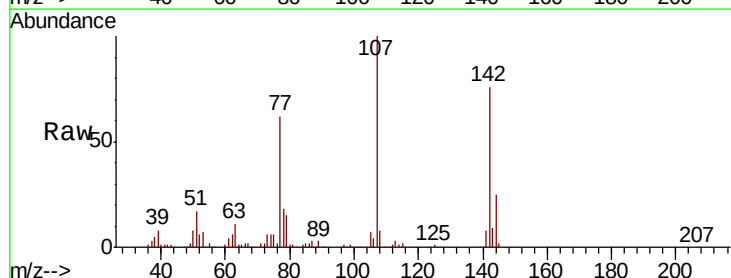
Instrument :
 BNA_M
 ClientSampleId :

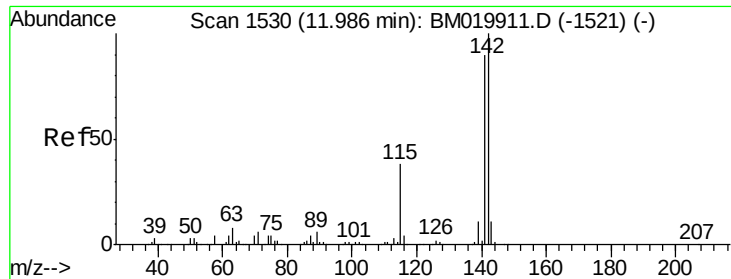
Tot Ion:113 Resp: 112559
 Ion Ratio Lower Upper
 113 100
 55 127.5 117.1 157.1
 56 105.1 88.2 128.2



#36
 4-Chloro-3-methylphenol
 Concen: 35.601 ng
 RT: 11.63 min Scan# 1470
 Delta R.T. -0.01 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

Tgt Ion:107 Resp: 417326
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.8 29.8
 142 76.2 60.3 90.5

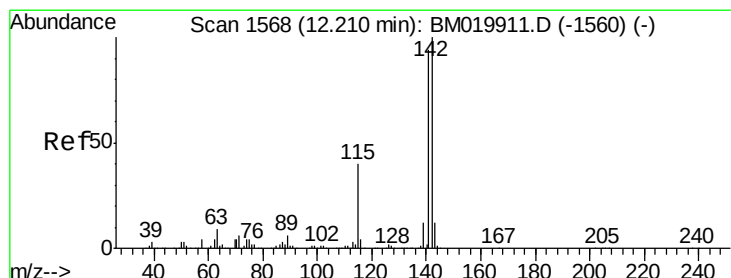
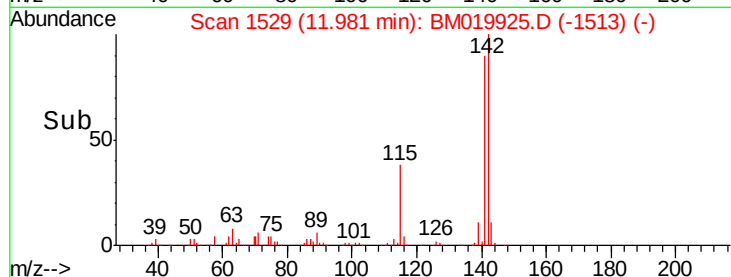
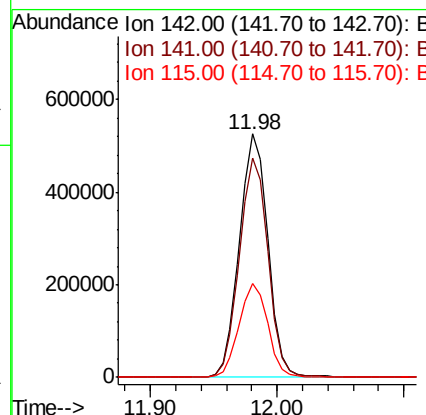
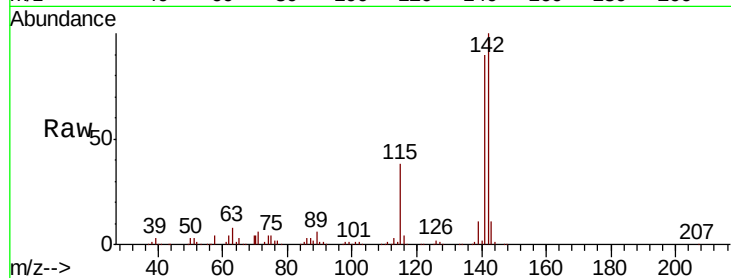




#37
 2-Methylnaphthalene
 Concen: 35.260 ng
 RT: 11.98 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

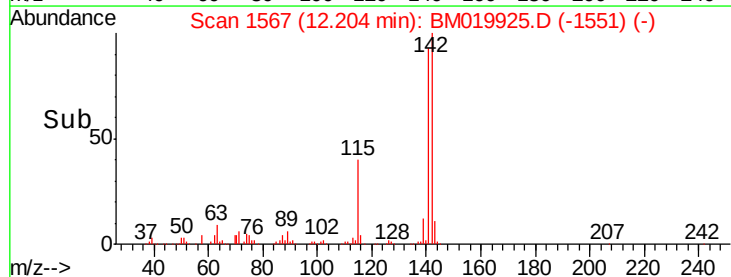
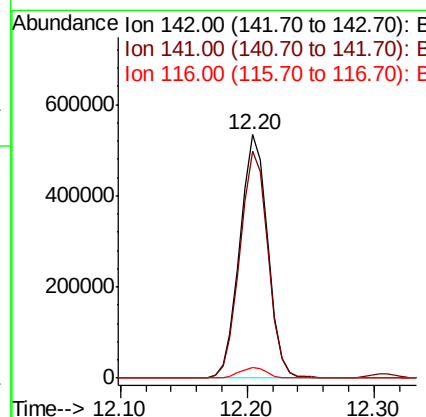
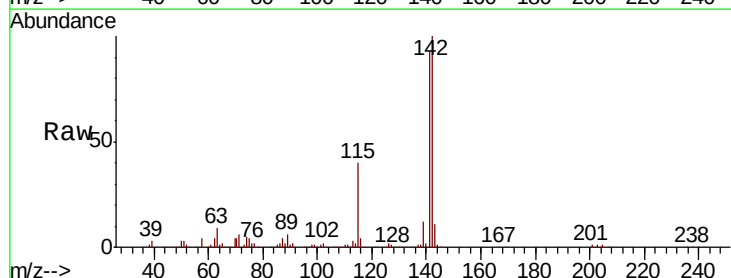
Instrument :
 BNA_M
 ClientSampleId :

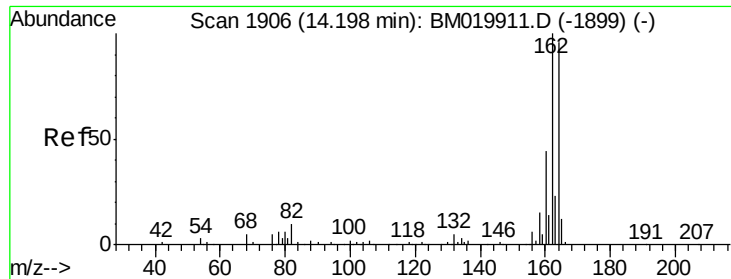
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5
115	38.5	30.5	45.7



#38
 1-Methylnaphthalene
 Concen: 35.361 ng
 RT: 12.20 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.7	113.5
116	4.2	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

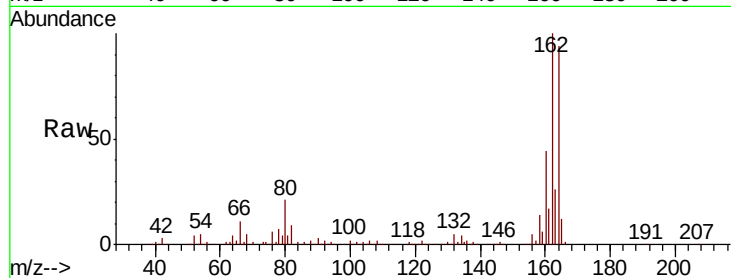
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 357085

Ion	Ratio	Lower	Upper
164	100		
162	106.7	83.0	124.4
160	47.3	36.6	55.0

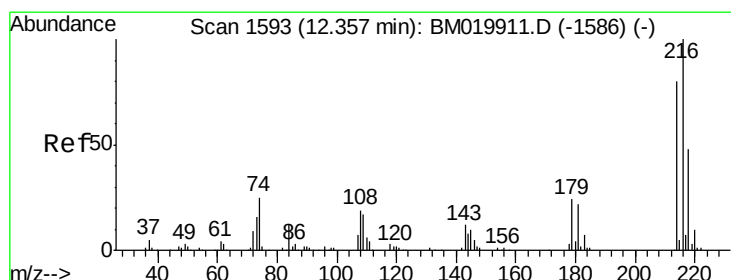
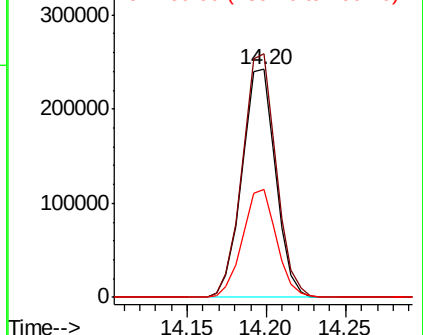
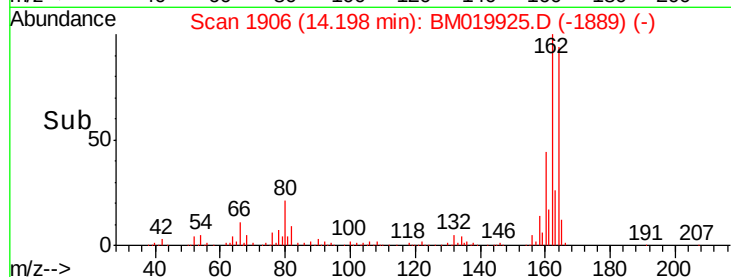


Abundance

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: 35.594 ng

RT: 12.36 min Scan# 1593

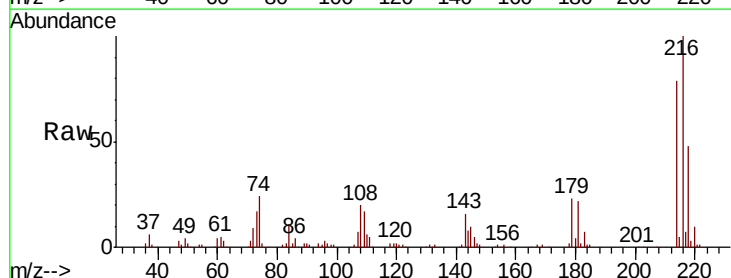
Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Tgt Ion:216 Resp: 392100

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.1	94.7
179	23.4	19.0	28.6
108	19.8	16.3	24.5



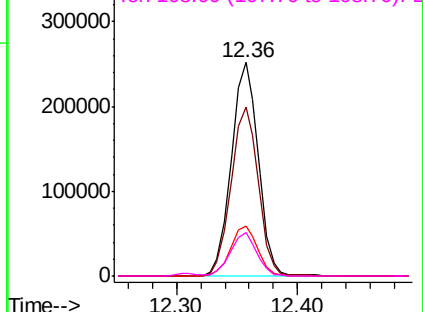
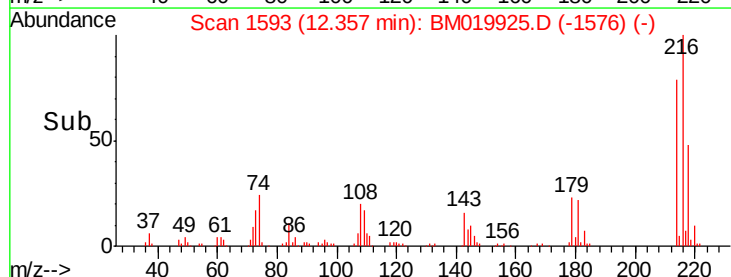
Abundance

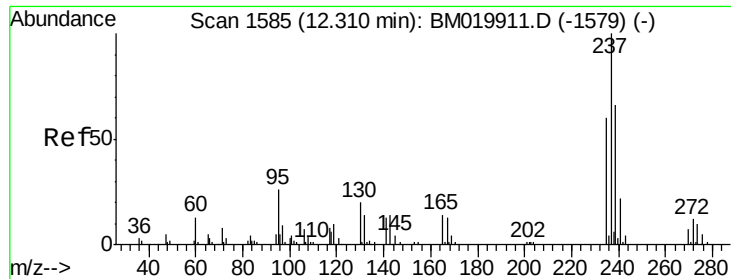
Ion 216.00 (215.70 to 216.70): E

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: 33.522 ng

RT: 12.31 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampled :

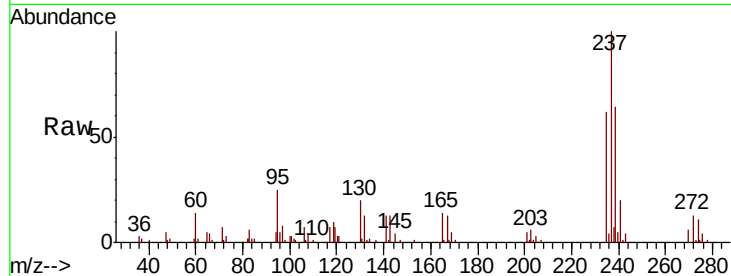
Tot Ion:237 Resp: 99798

Ion Ratio Lower Upper

237 100

235 62.5 40.4 80.4

272 12.9 0.0 32.3

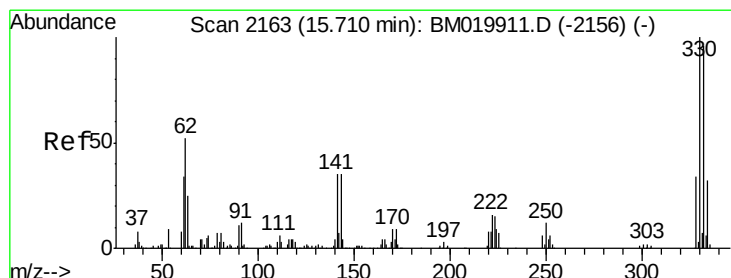
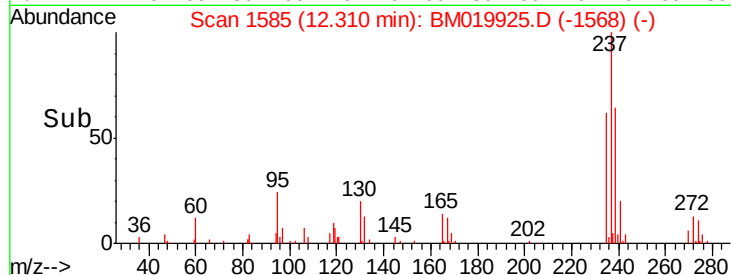
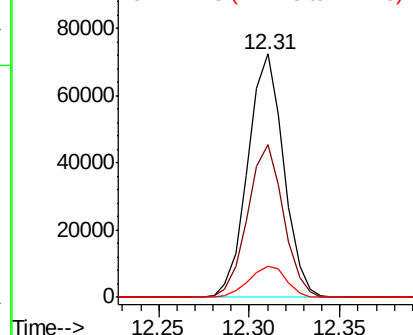


Abundance

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: 69.293 ng

RT: 15.71 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

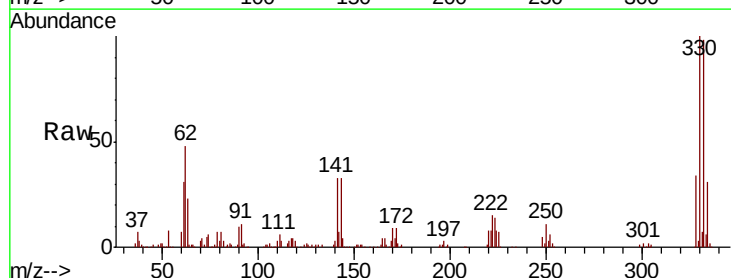
Tgt Ion:330 Resp: 398303

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

141 37.1 29.0 43.4

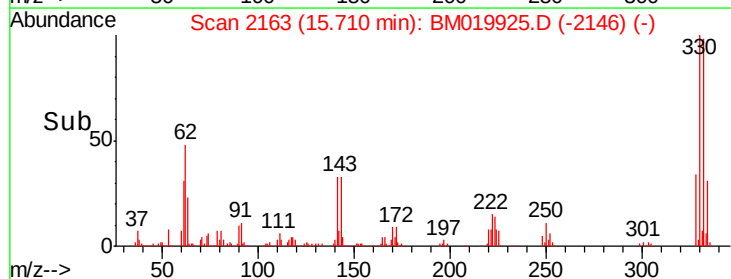
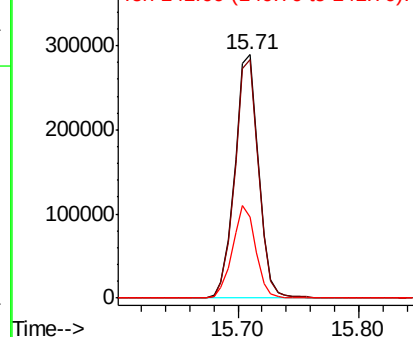


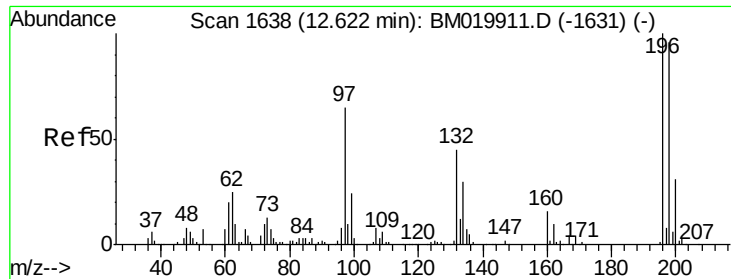
Abundance

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

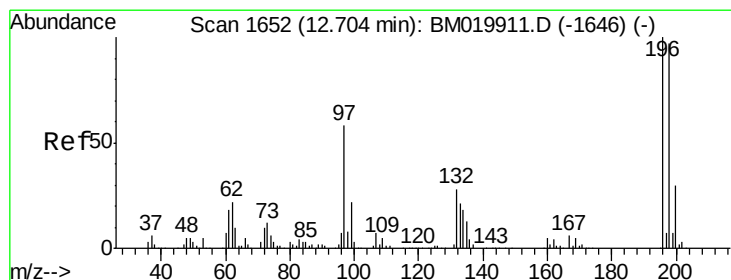
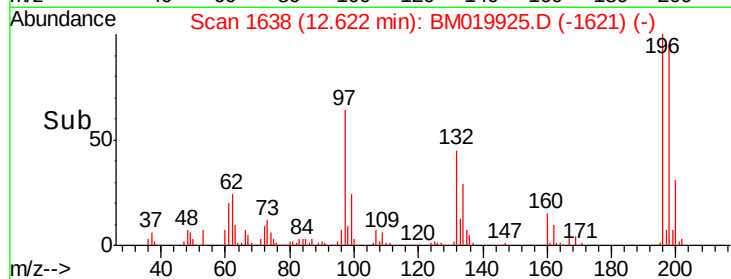
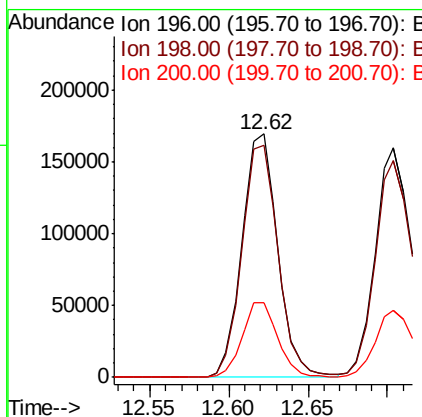
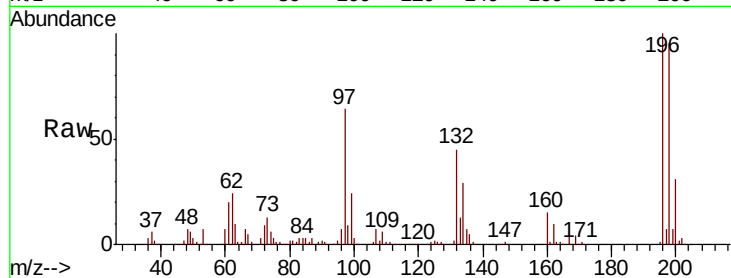




#43
 2,4,6-Trichlorophenol
 Concen: 35.477 ng
 RT: 12.62 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

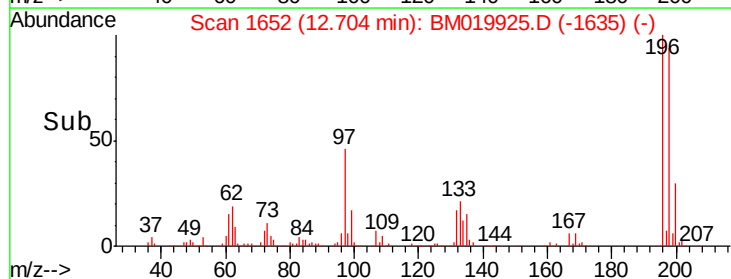
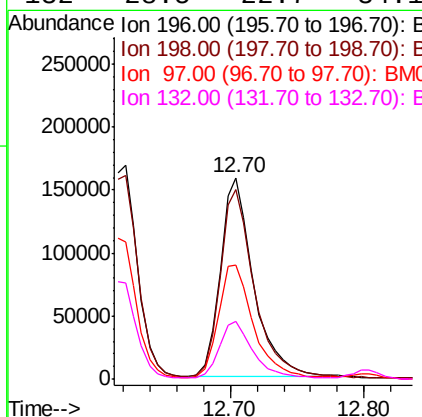
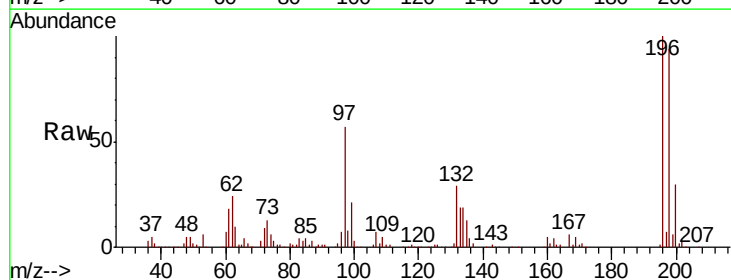
Instrument :
 BNA_M
 ClientSampleId :

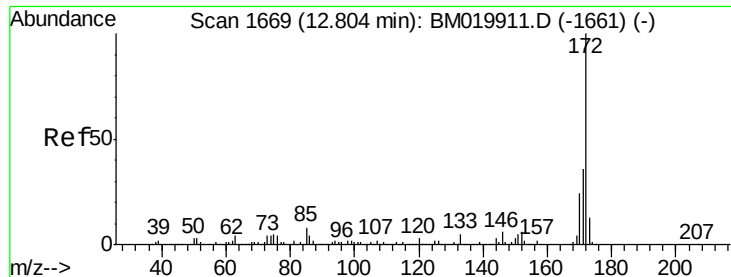
Tot Ion:196 Resp: 264958
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.8 115.2
 200 30.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 35.373 ng
 RT: 12.70 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

Tgt Ion:196 Resp: 274961
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.8 116.8
 97 56.5 46.2 69.2
 132 28.5 22.7 34.1

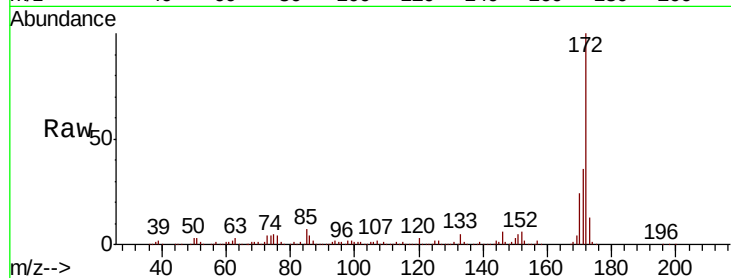




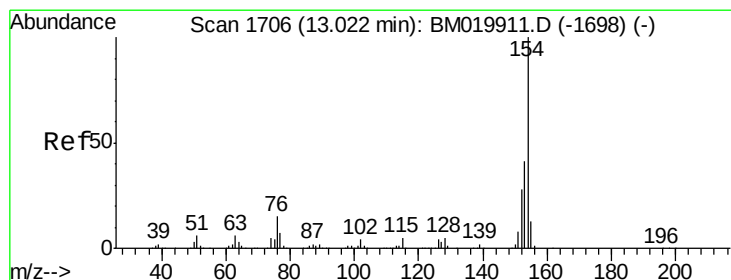
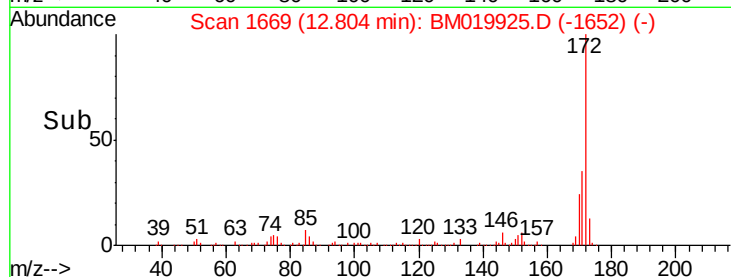
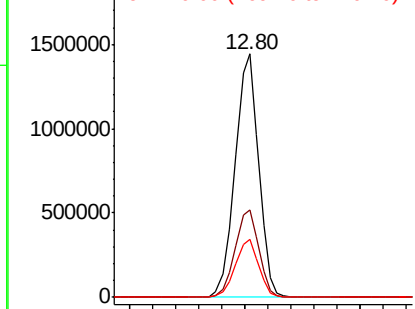
#45
2-Fluorobiphenyl
Concen: 70.973 ng
RT: 12.80 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 2033603
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.8 19.0 28.4

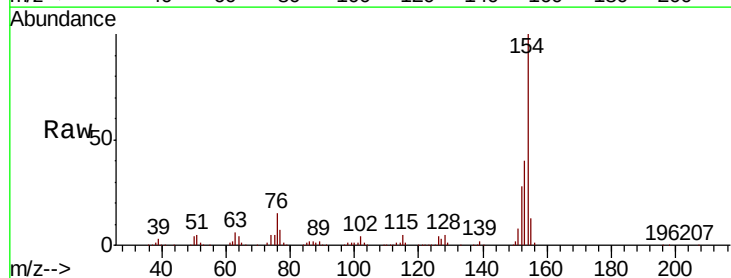


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

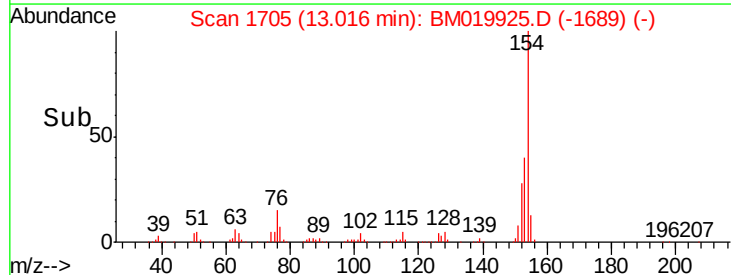
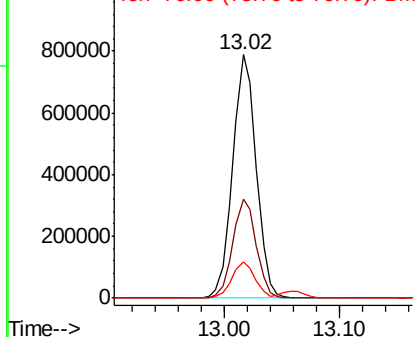


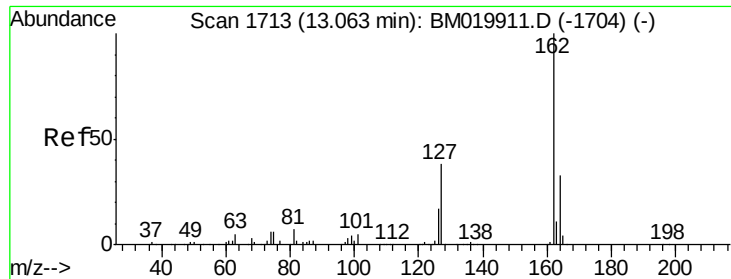
#46
1,1'-Biphenyl
Concen: 35.914 ng
RT: 13.02 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Tgt Ion:154 Resp: 1110768
Ion Ratio Lower Upper
154 100
153 40.4 21.0 61.0
76 14.7 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

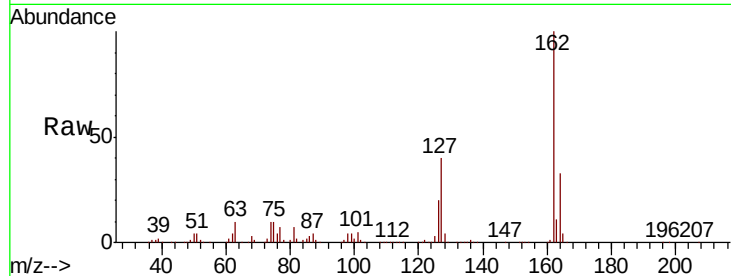




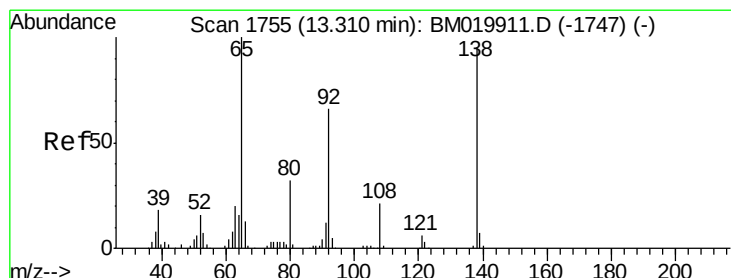
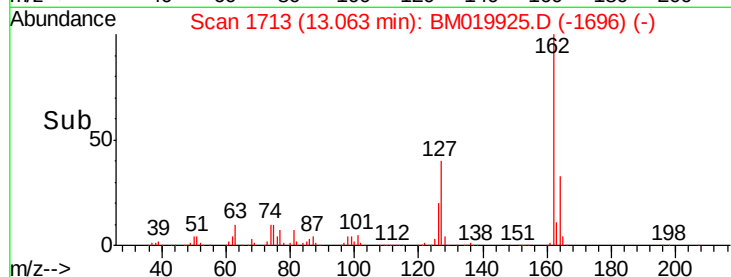
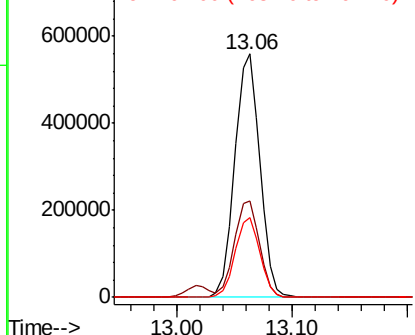
#47
2-Chloronaphthalene
Concen: 35.688 ng
RT: 13.06 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.3	48.5
164	33.0	26.3	39.5

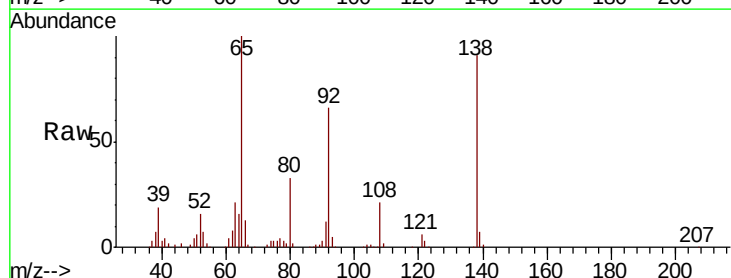


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

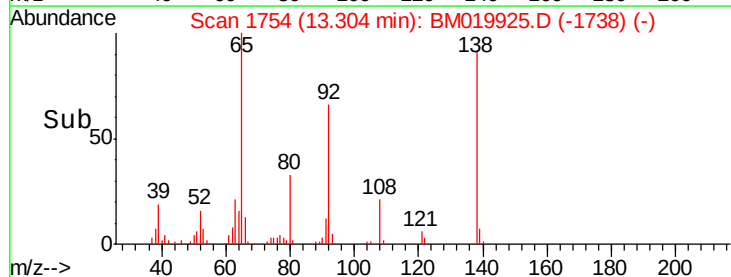
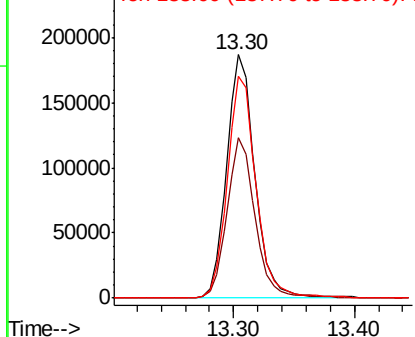


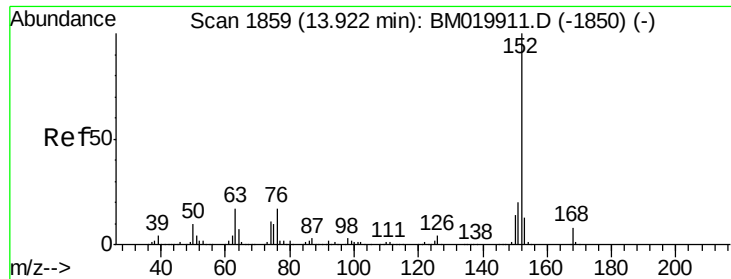
#48
2-Nitroaniline
Concen: 35.808 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	52.9	79.3
138	91.3	75.8	113.6



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.490 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampleId :

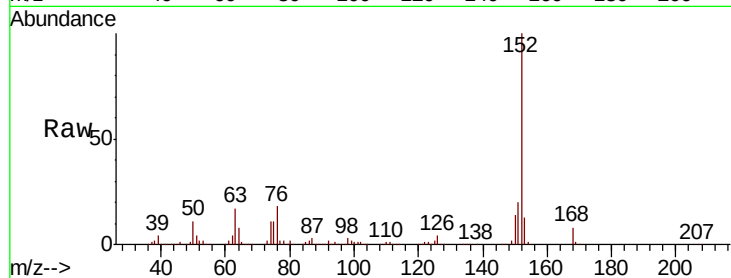
Tot Ion:152 Resp: 1456766

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

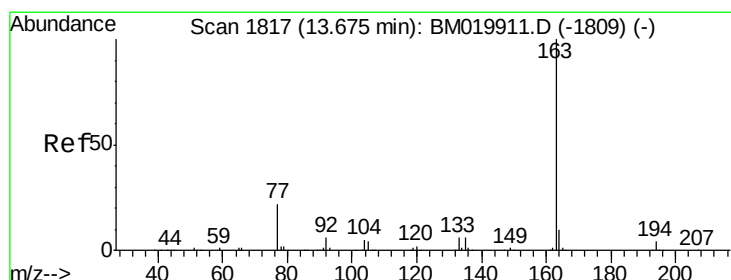
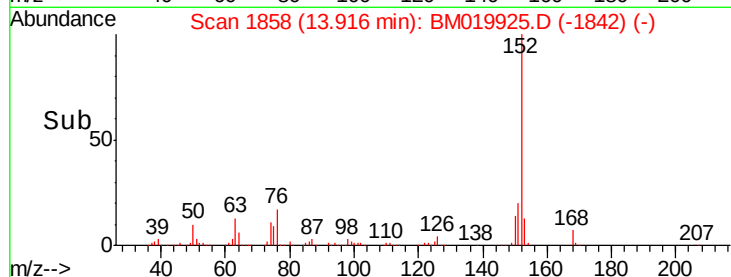
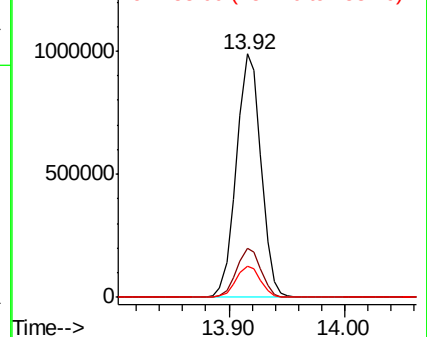
153 13.0 10.6 16.0



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: 35.590 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

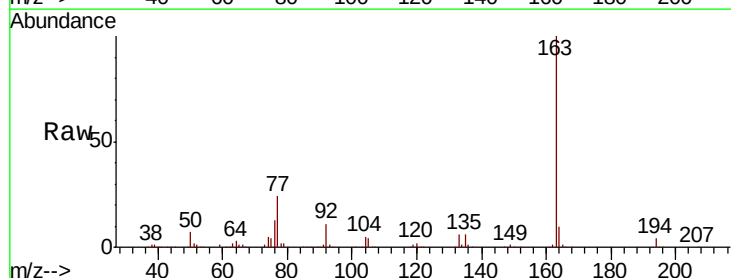
Tgt Ion:163 Resp: 1120966

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

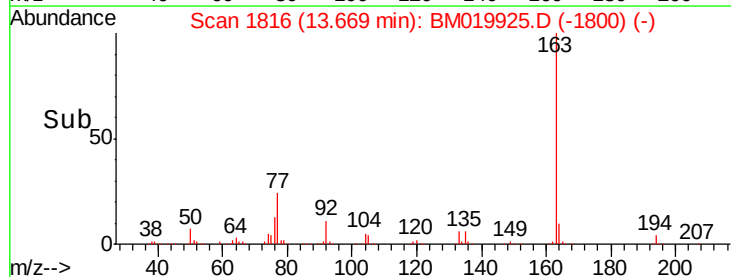
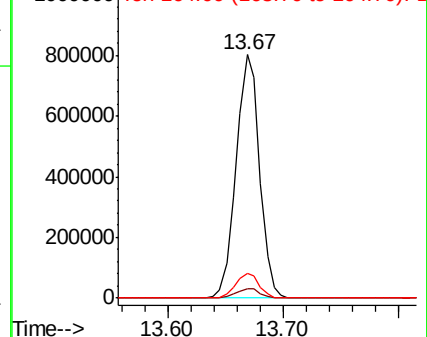
164 10.1 7.9 11.9

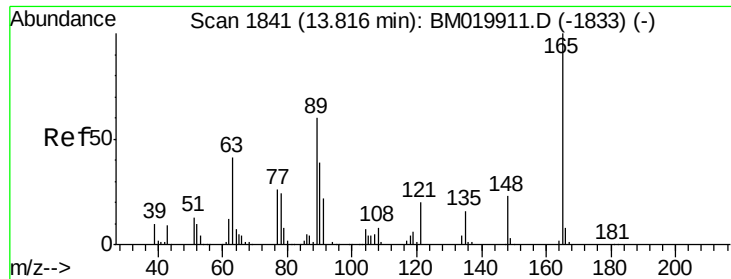


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 35.233 ng

RT: 13.81 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampleId :

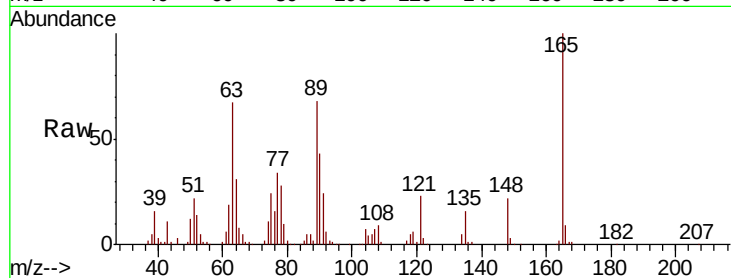
Tot Ion:165 Resp: 245398

Ion Ratio Lower Upper

165 100

63 67.5 48.5 72.7

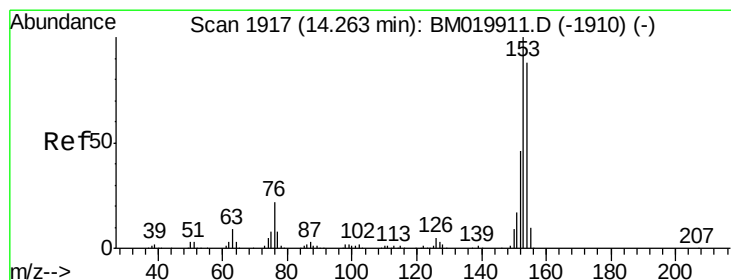
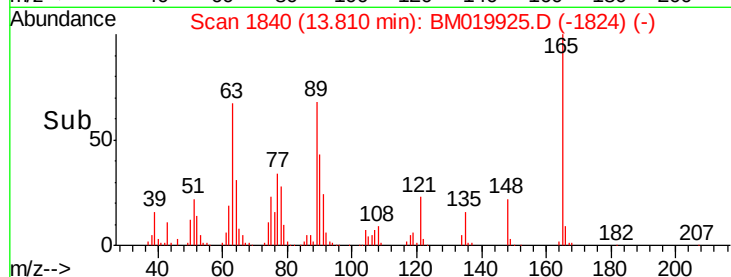
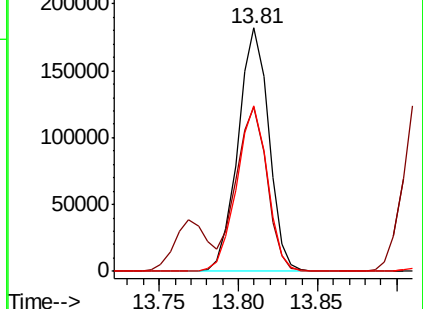
89 67.9 48.2 72.4



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



#52

Acenaphthene

Concen: 35.912 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

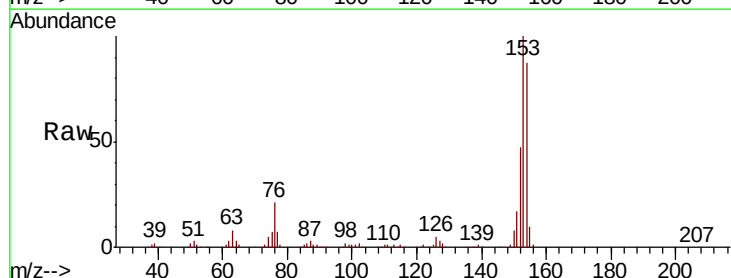
Tgt Ion:154 Resp: 817312

Ion Ratio Lower Upper

154 100

153 115.0 91.0 136.4

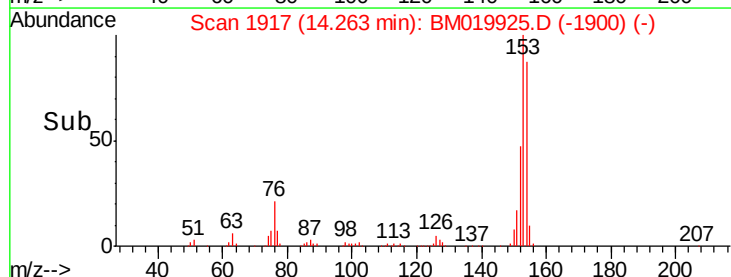
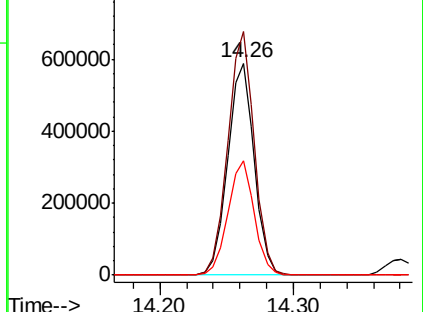
152 53.9 42.2 63.2

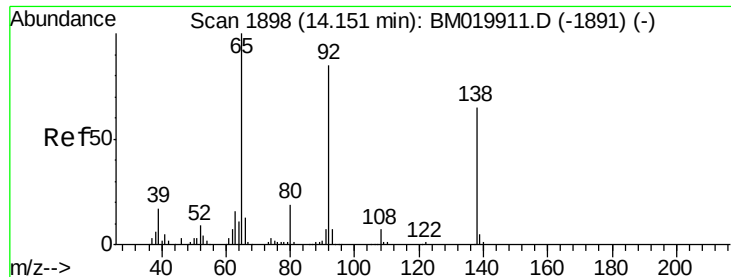


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 35.117 ng

RT: 14.15 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampleId :

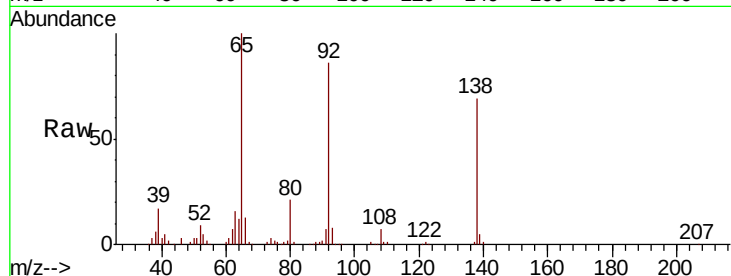
Tot Ion:138 Resp: 244223

Ion Ratio Lower Upper

138 100

108 10.8 8.9 13.3

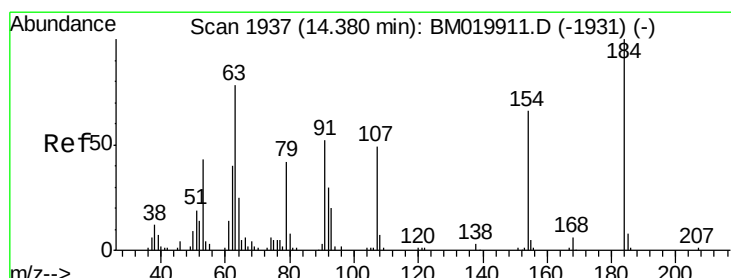
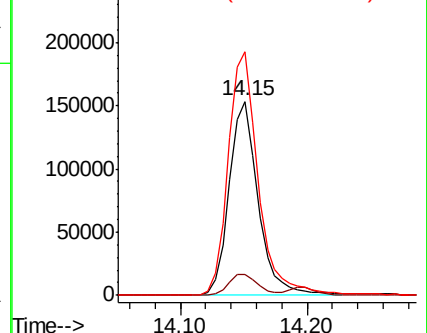
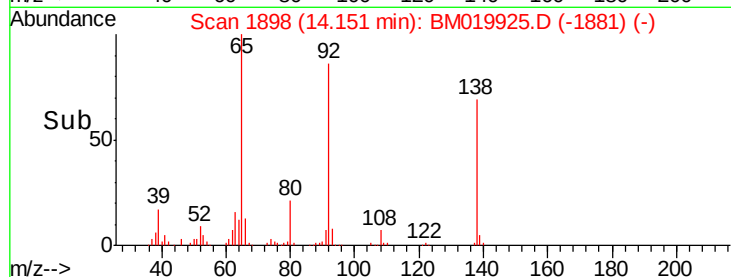
92 125.3 103.8 155.8



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: 33.724 ng

RT: 14.38 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

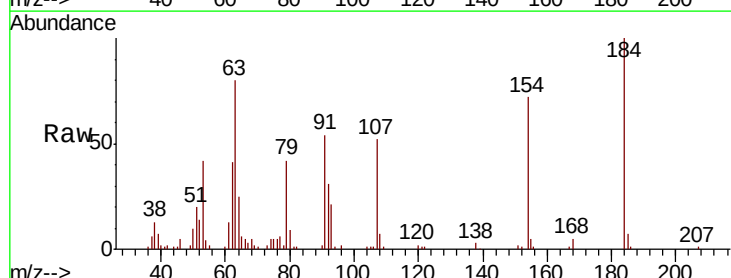
Tgt Ion:184 Resp: 120414

Ion Ratio Lower Upper

184 100

63 79.8 62.3 93.5

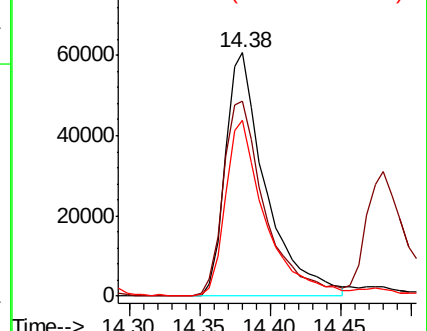
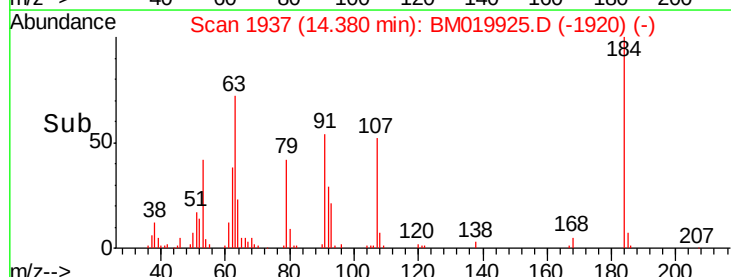
154 72.0 53.0 79.6

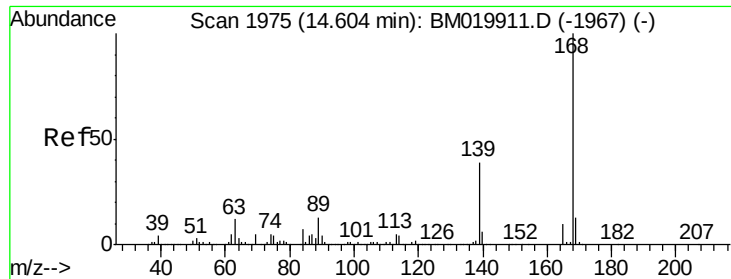


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E



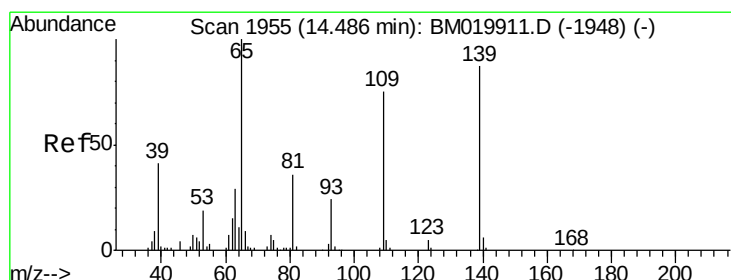
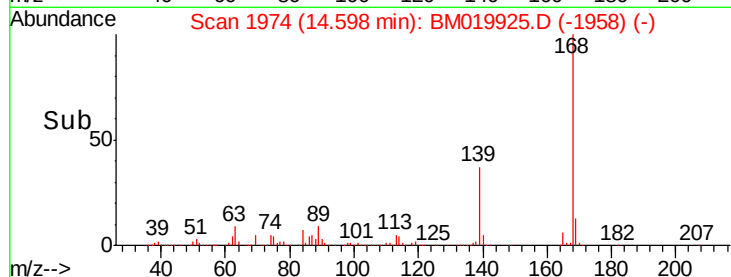
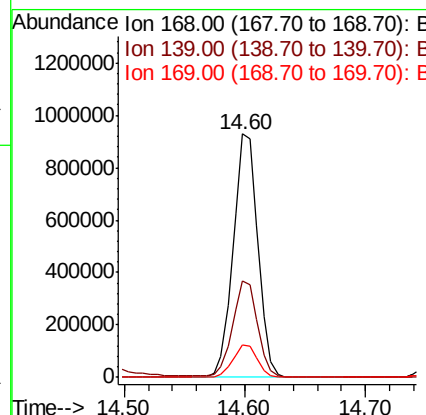
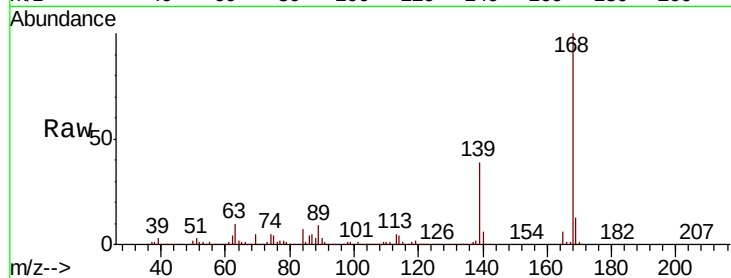


#55
Dibenzenofuran
Concen: 35.392 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 1317170

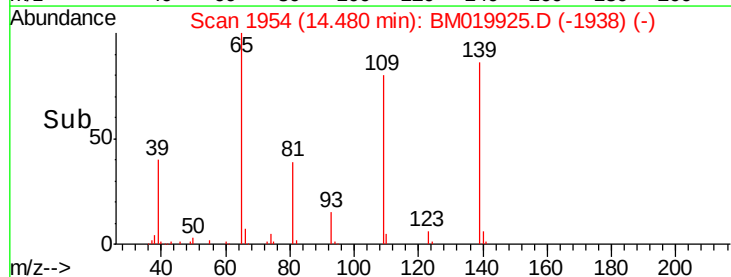
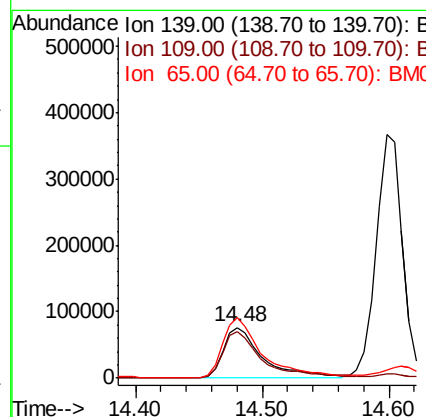
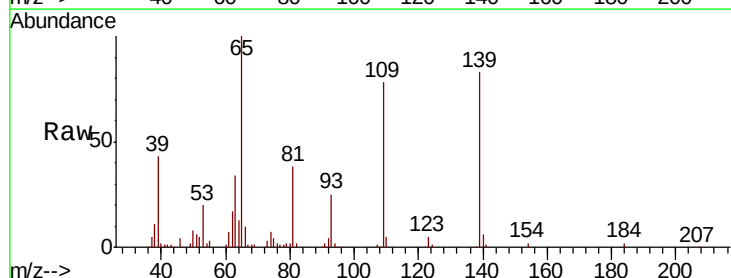
Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.5	47.3
169	13.3	10.6	16.0

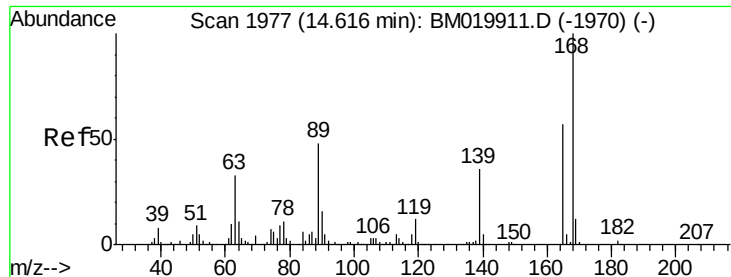


#56
4-Nitrophenol
Concen: 33.859 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Tgt Ion:139 Resp: 165797

Ion	Ratio	Lower	Upper
139	100		
109	93.2	65.3	105.3
65	120.1	94.9	134.9

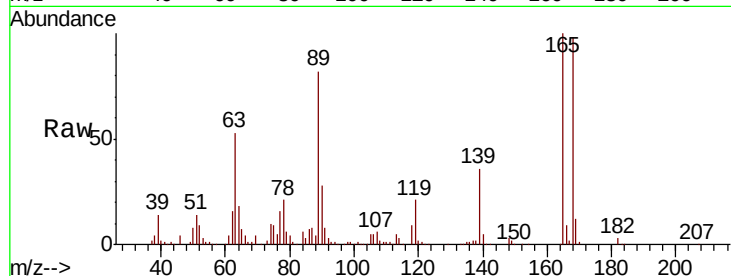




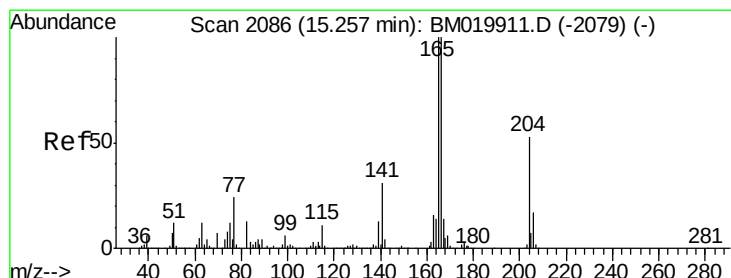
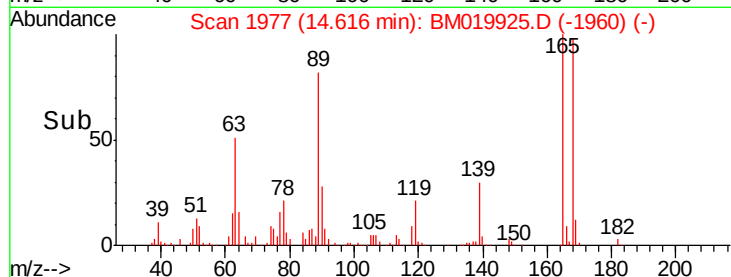
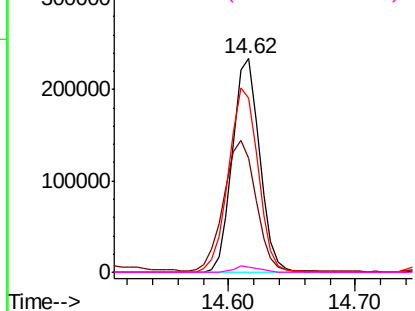
#57
 2,4-Dinitrotoluene
 Concen: 34.573 ng
 RT: 14.62 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 346134
 Ion Ratio Lower Upper
 165 100
 63 53.4 46.0 69.0
 89 81.5 67.5 101.3
 182 2.7 2.4 3.6

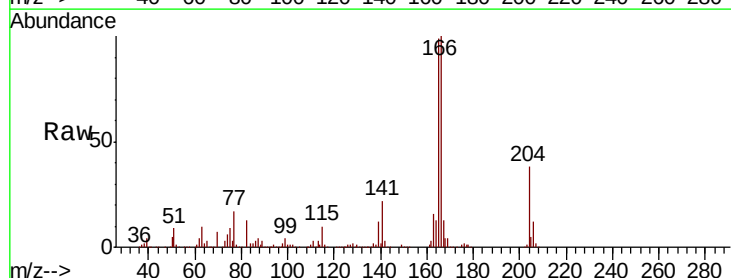


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

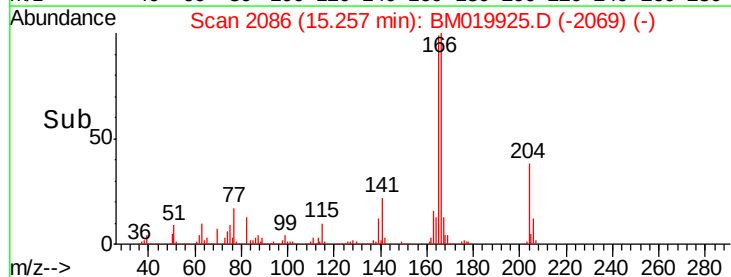
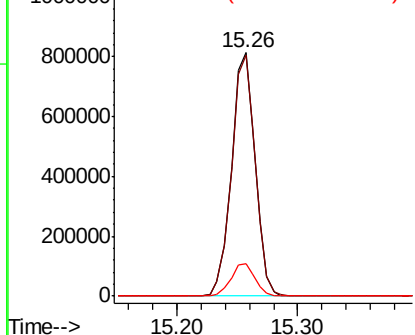


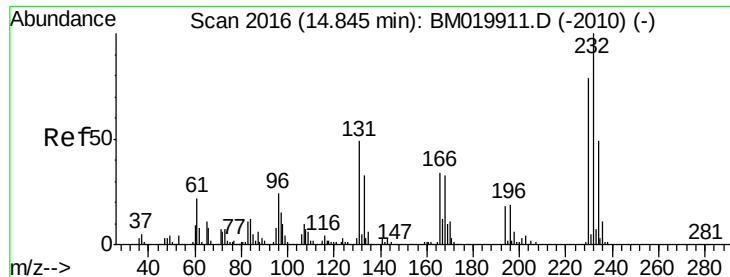
#58
 Fluorene
 Concen: 34.993 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

Tgt Ion:166 Resp: 1103501
 Ion Ratio Lower Upper
 166 100
 165 98.9 80.1 120.1
 167 13.2 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

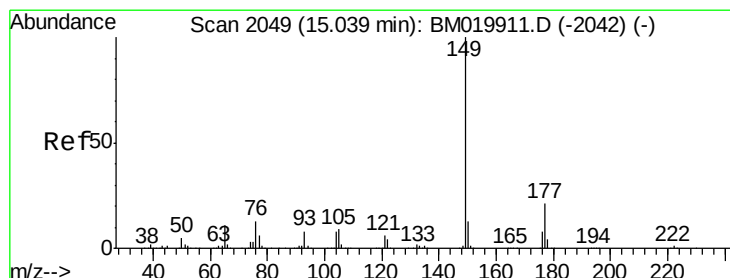
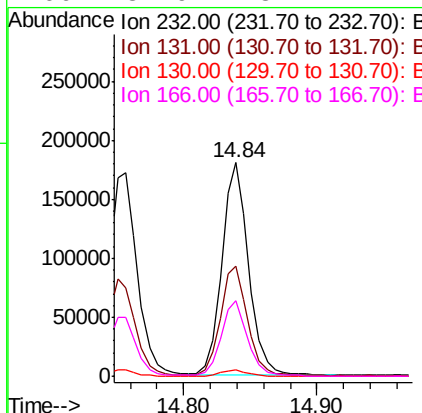
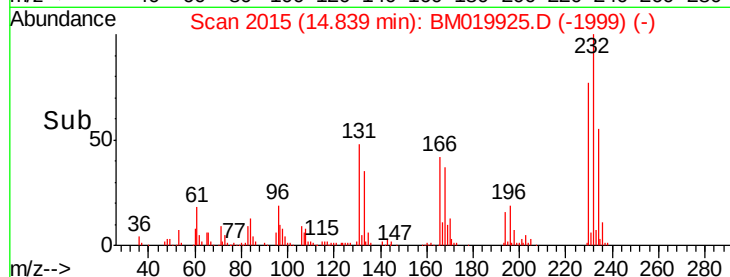
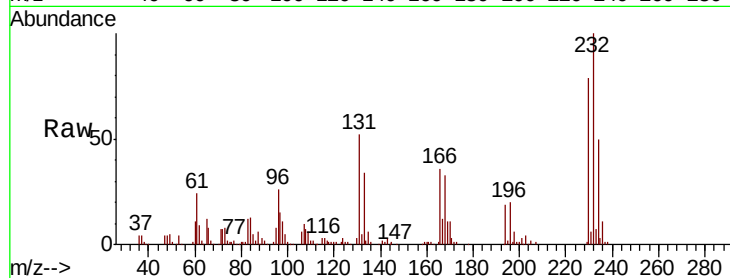




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.389 ng
 RT: 14.84 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

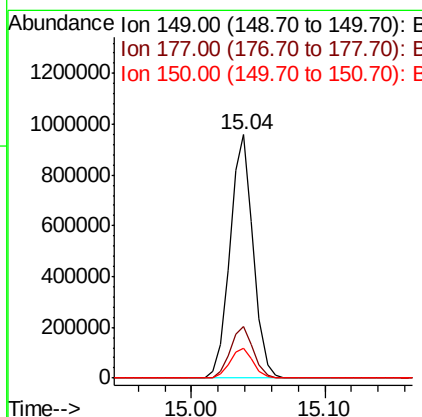
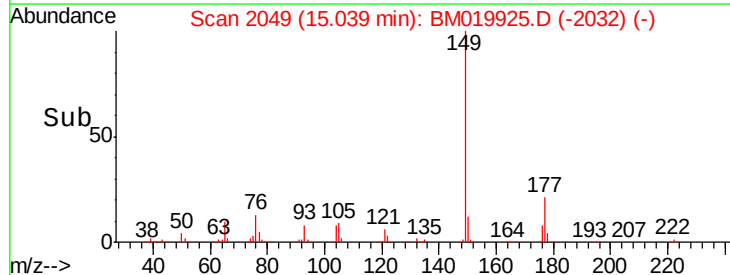
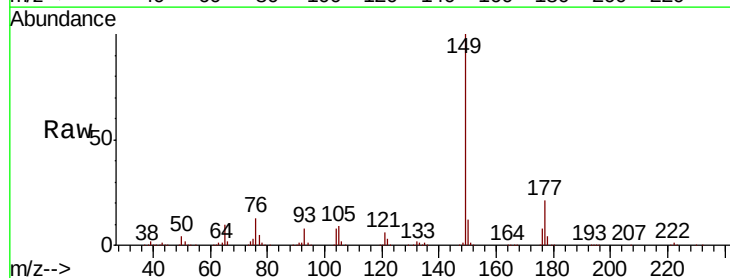
Instrument :
 BNA_M
 ClientSampled :

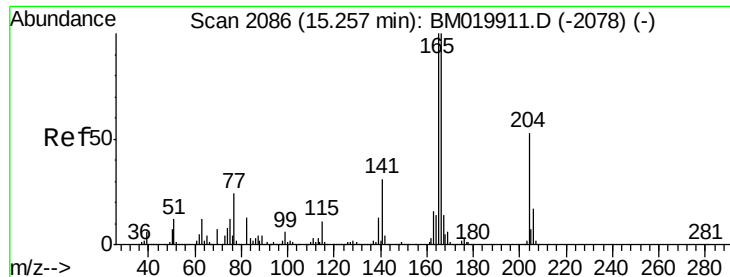
Tot Ion:	232	Resp:	250996
Ion	Ratio	Lower	Upper
232	100		
131	52.8	42.1	63.1
130	2.8	2.2	3.4
166	34.9	28.1	42.1



#60
 Diethylphthalate
 Concen: 35.385 ng
 RT: 15.04 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

Tgt Ion:	149	Resp:	1159155
Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.6	25.0
150	12.4	10.0	15.0

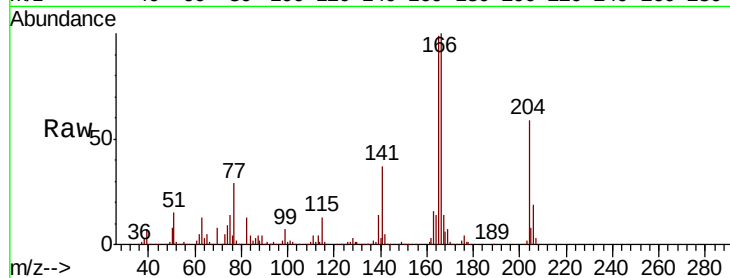




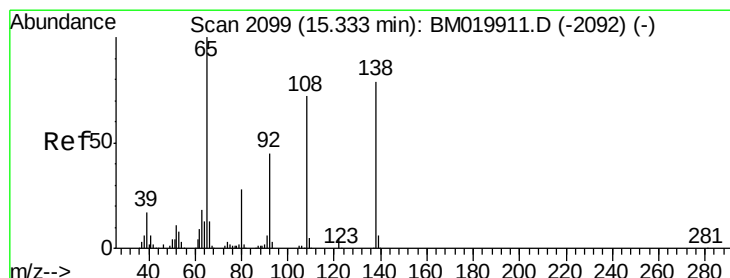
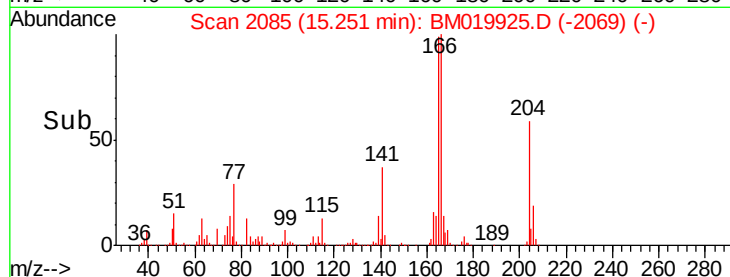
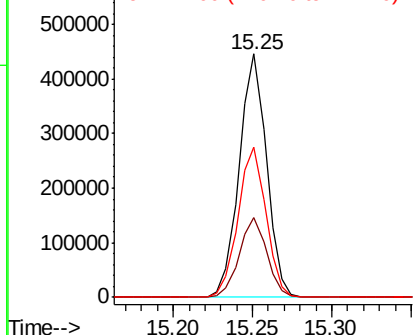
#61
4-Chlorophenyl-phenylether
Concen: 35.157 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 533801
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 61.9 47.0 70.4

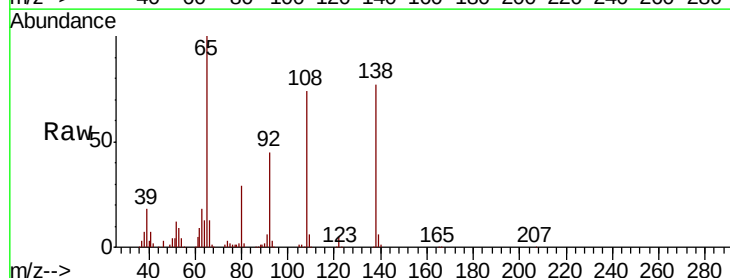


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

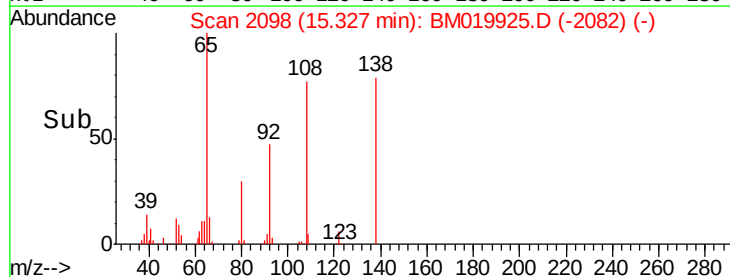
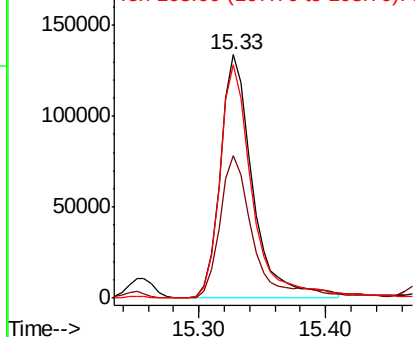


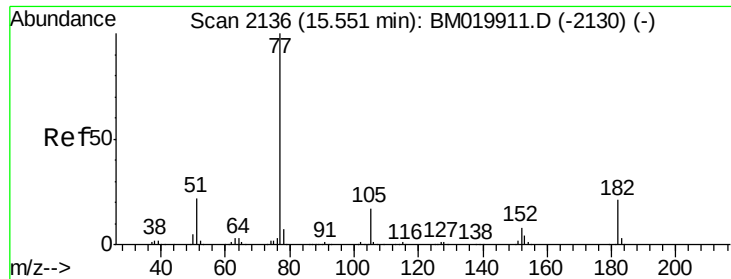
#62
4-Nitroaniline
Concen: 34.574 ng
RT: 15.33 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Tgt Ion:138 Resp: 236907
Ion Ratio Lower Upper
138 100
92 58.7 36.8 76.8
108 95.8 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: 36.198 ng

RT: 15.55 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampled :

Tot Ion: 77 Resp: 1267351

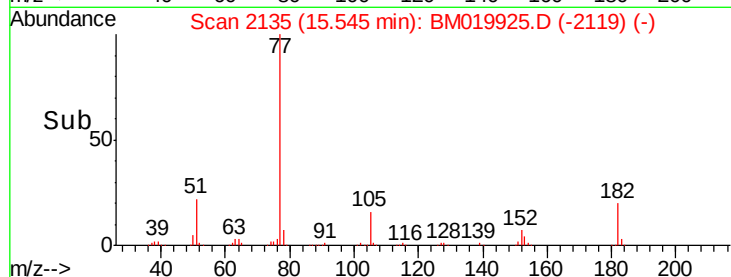
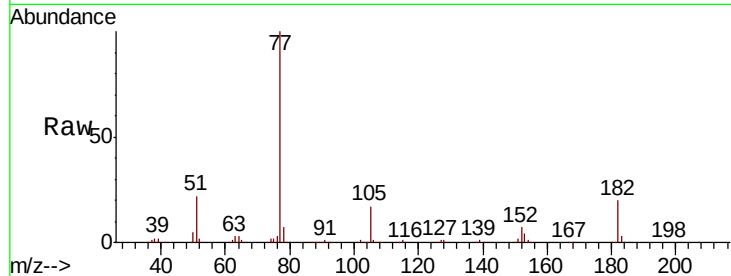
Ion	Ratio	Lower	Upper
77	100		
182	19.6	1.0	41.0
105	16.5	0.0	37.1
51	22.2	2.1	42.1

77 100

182 19.6 1.0 41.0

105 16.5 0.0 37.1

51 22.2 2.1 42.1

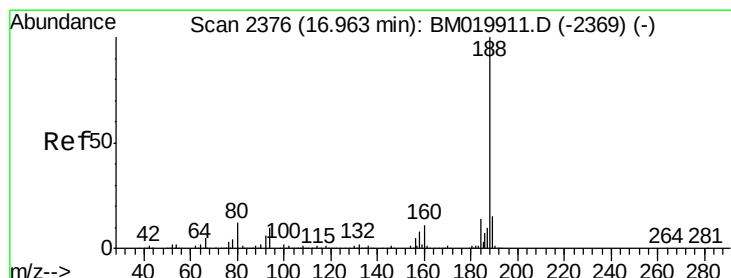
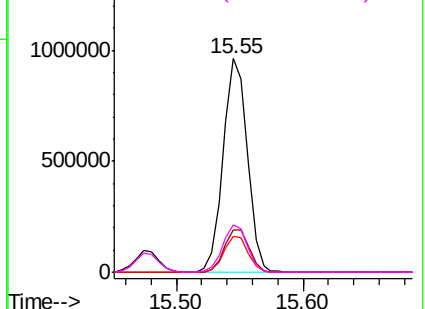


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

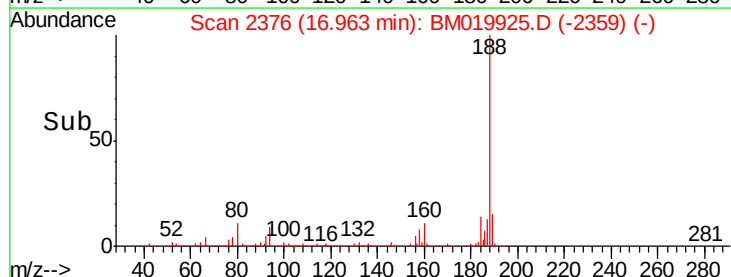
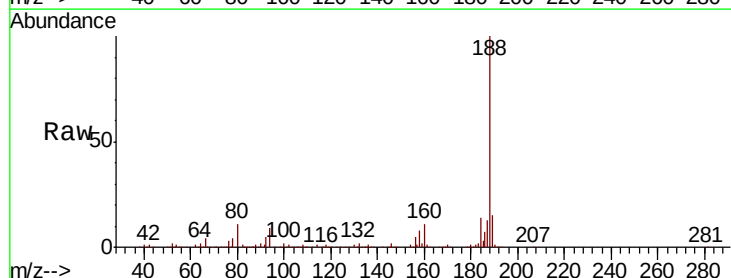
Tgt Ion: 188 Resp: 771904

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.6	11.4
80	11.1	9.4	14.0

188 100

94 9.3 7.6 11.4

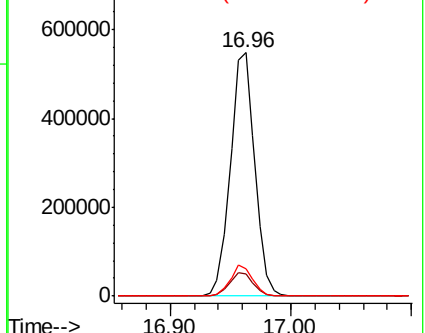
80 11.1 9.4 14.0

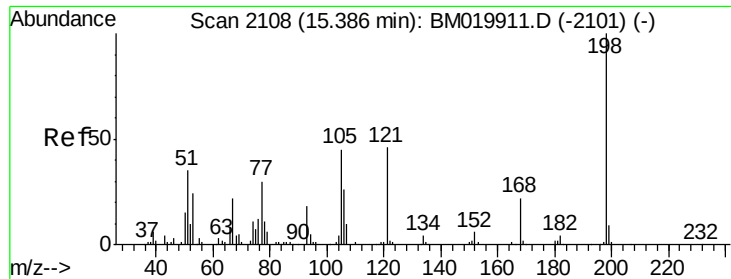


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

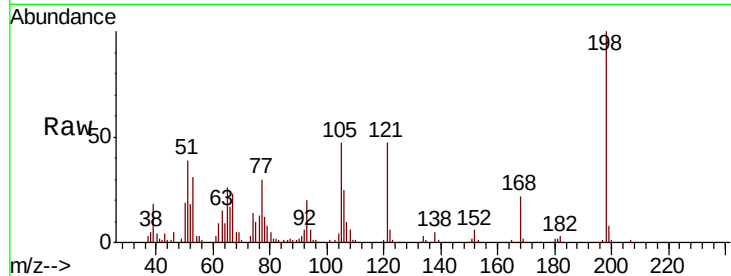




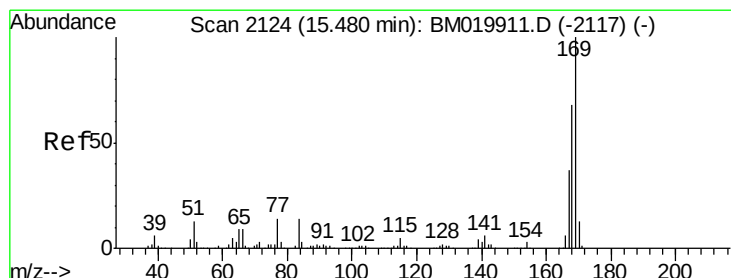
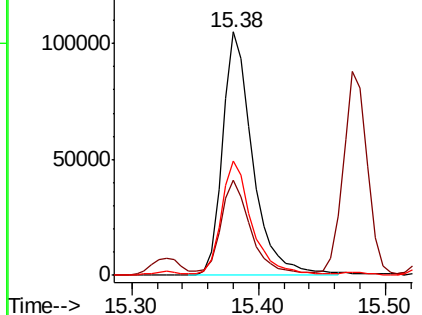
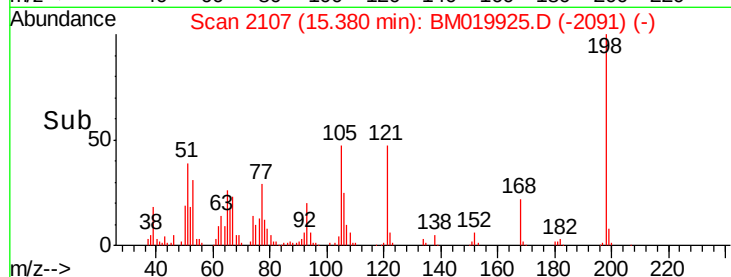
#65
4,6-Dinitro-2-methylphenol
Concen: 35.043 ng
RT: 15.38 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion	198	Resp	172588
Ion Ratio	100	Lower	Upper
51	38.9	17.9	57.9
105	47.0	26.1	66.1

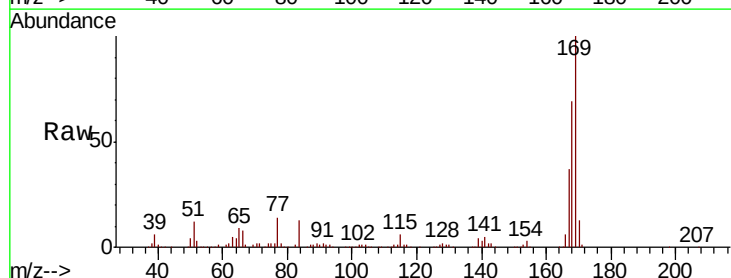


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM019925.D (-2107) (-)
Ion 105.00 (104.70 to 105.70): E

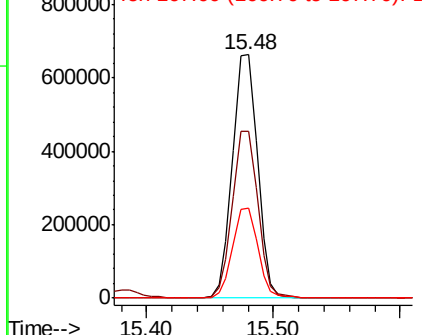
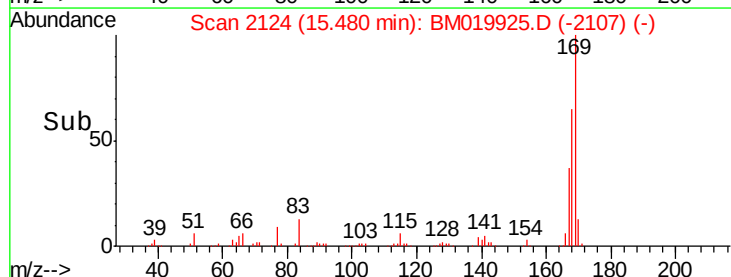


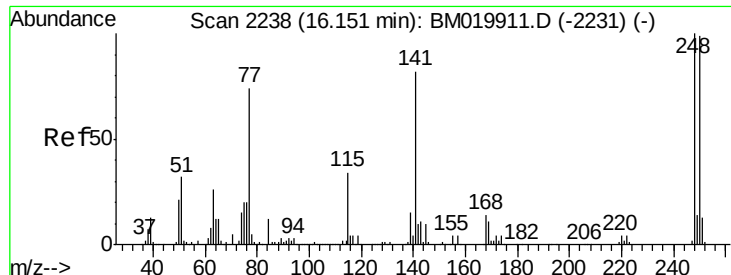
#66
n-Nitrosodiphenylamine
Concen: 35.964 ng
RT: 15.48 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Tgt Ion	169	Resp	907580
Ion Ratio	100	Lower	Upper
168	68.7	54.7	82.1
167	37.2	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

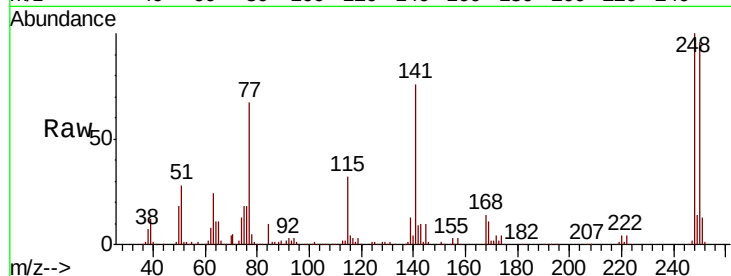




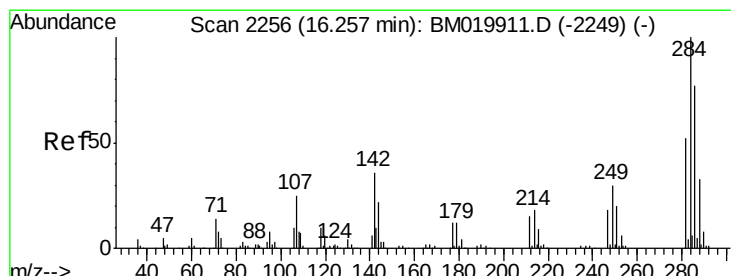
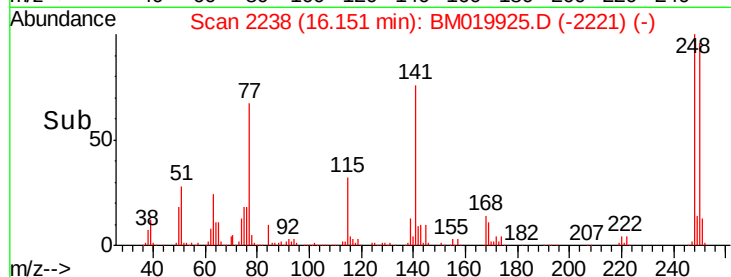
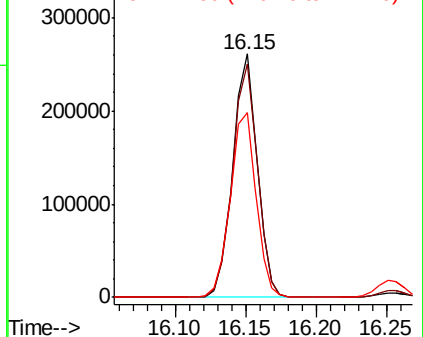
#67
 4-Bromophenyl-phenylether
 Concen: 35.716 ng
 RT: 16.15 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 316968
 Ion Ratio Lower Upper
 248 100
 250 95.9 78.9 118.3
 141 75.8 65.6 98.4

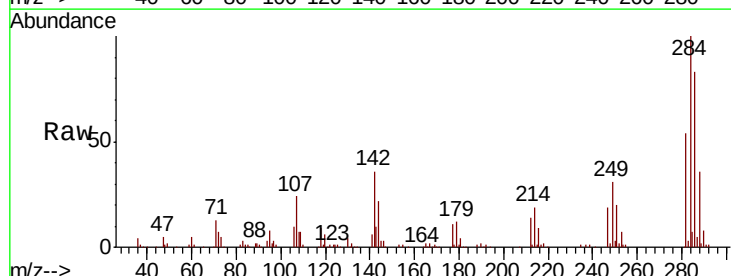


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

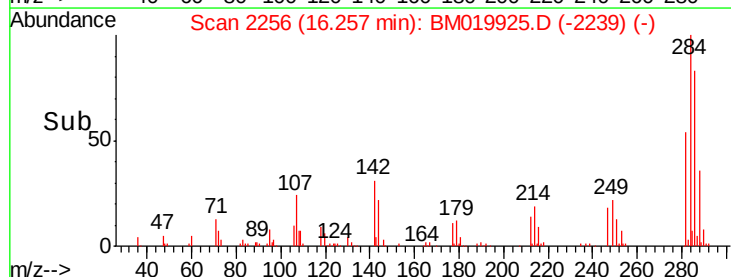
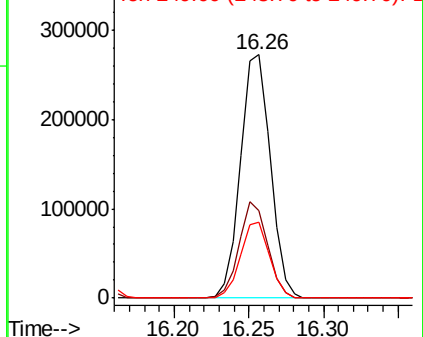


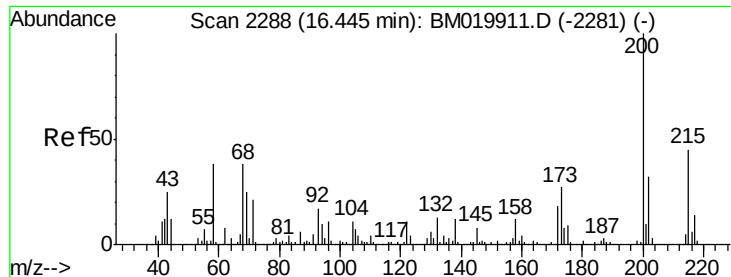
#68
 Hexachlorobenzene
 Concen: 35.579 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. 0.00 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

Tgt Ion:284 Resp: 378862
 Ion Ratio Lower Upper
 284 100
 142 35.8 28.9 43.3
 249 31.1 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

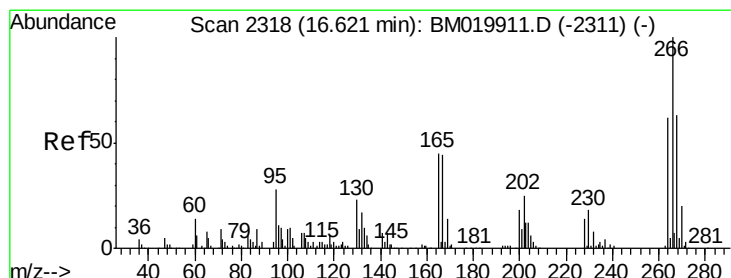
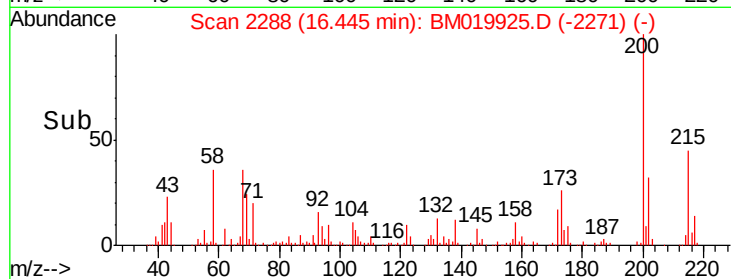
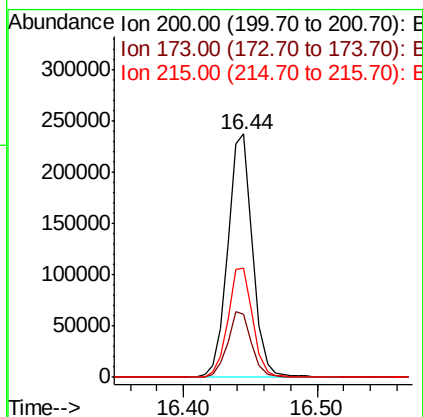
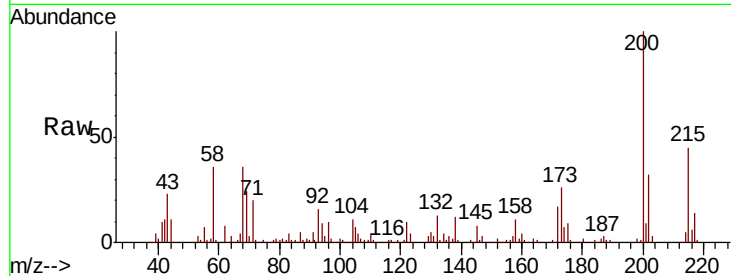




#69
 Atrazine
 Concen: 36.057 ng
 RT: 16.44 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

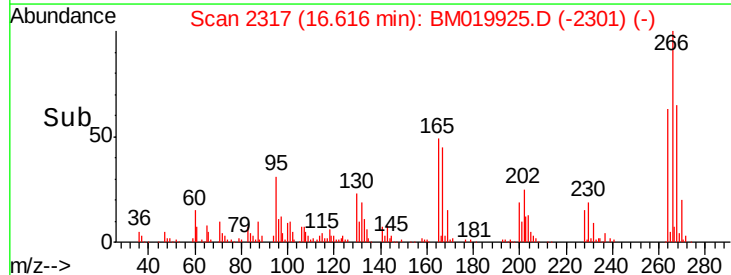
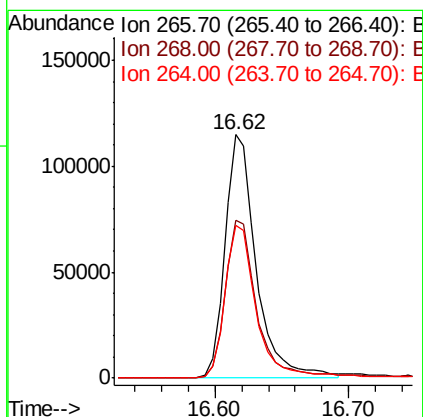
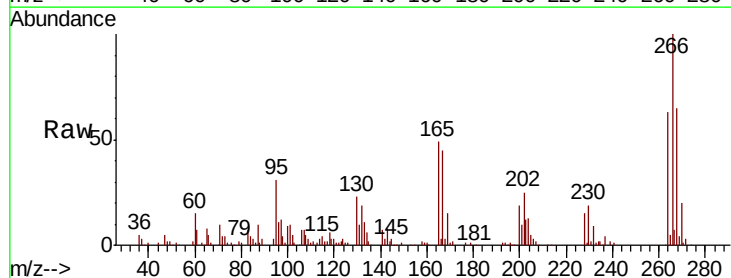
Instrument :
 BNA_M
 ClientSampleId :

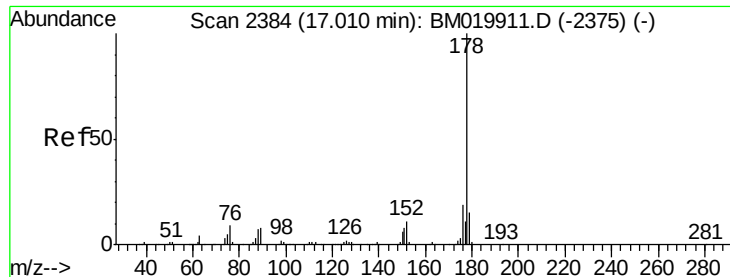
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	7.2	47.2
215	44.8	25.4	65.4



#70
 Pentachlorophenol
 Concen: 34.627 ng
 RT: 16.62 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	50.3	75.5
264	62.7	49.8	74.8

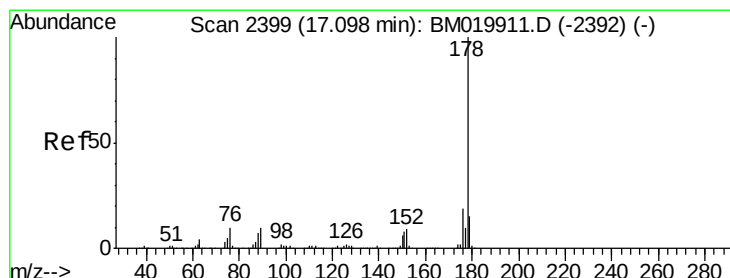
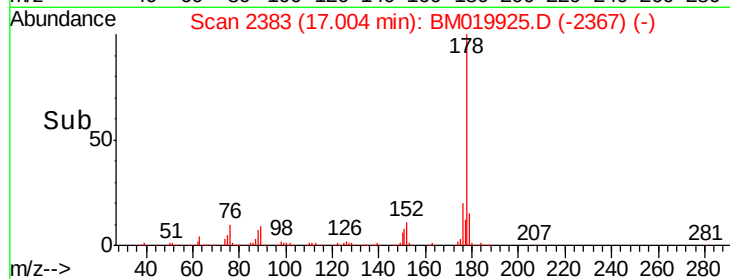
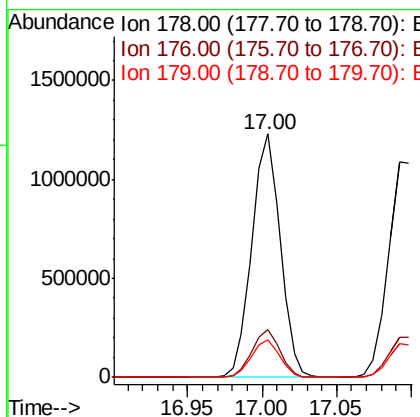
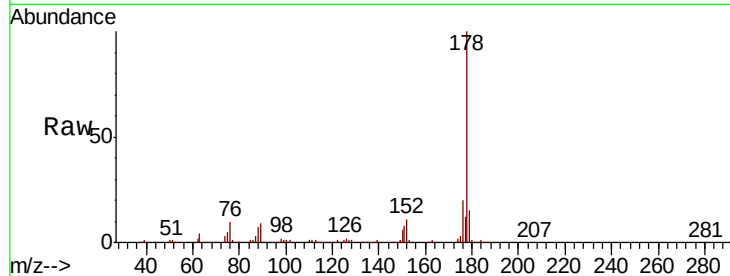




#71
Phenanthrene
Concen: 35.324 ng
RT: 17.00 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

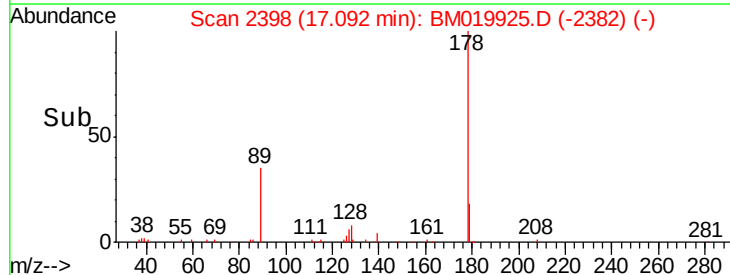
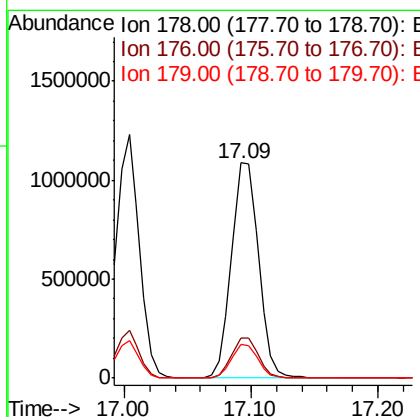
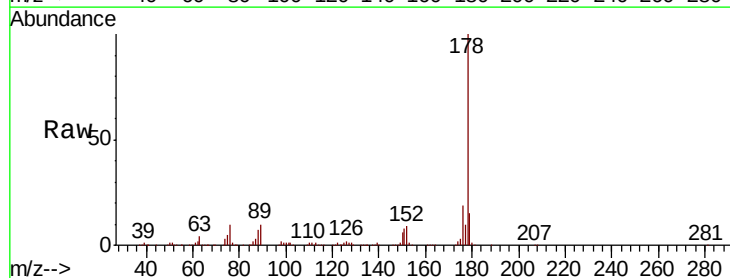
Instrument :
BNA_M
ClientSampleId :

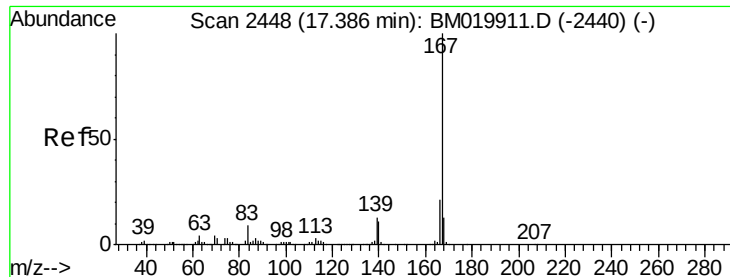
Tot Ion:178 Resp: 1618063
Ion Ratio Lower Upper
178 100
176 19.7 15.2 22.8
179 15.2 12.2 18.4



#72
Anthracene
Concen: 35.094 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Tgt Ion:178 Resp: 1600202
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.4 12.2 18.4





#73

Carbazole

Concen: 34.544 ng

RT: 17.39 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampled :

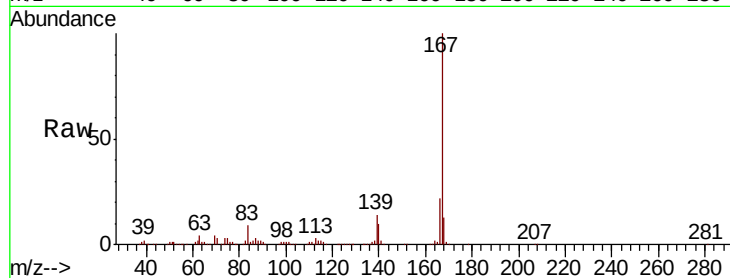
Tot Ion:167 Resp: 1470630

Ion Ratio Lower Upper

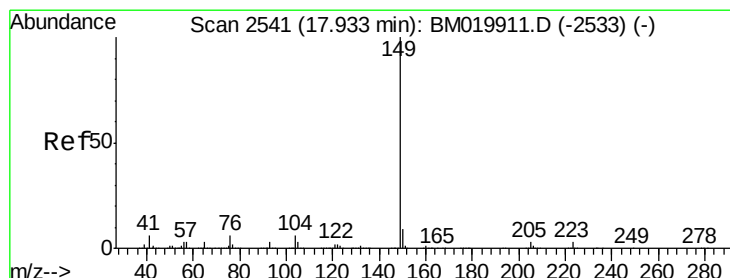
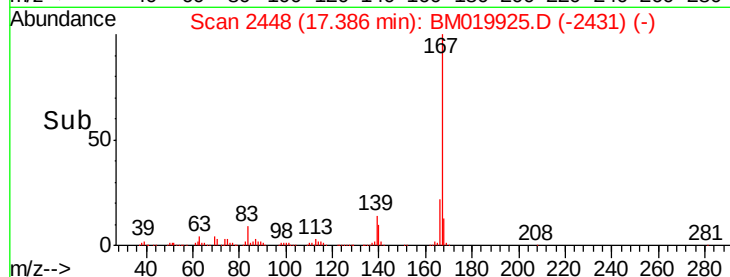
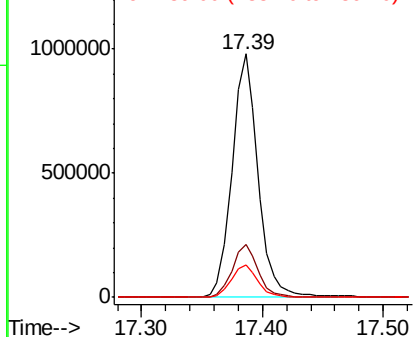
167 100

166 21.8 17.2 25.8

139 13.6 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: 34.322 ng

RT: 17.93 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

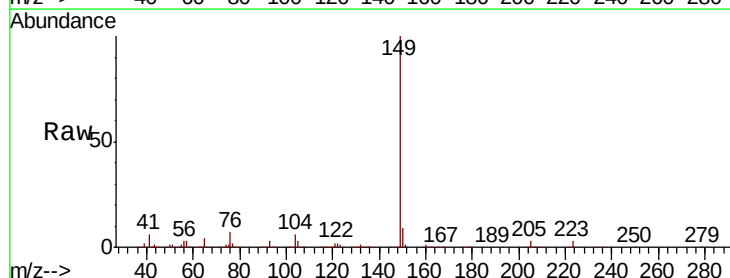
Tgt Ion:149 Resp: 1918930

Ion Ratio Lower Upper

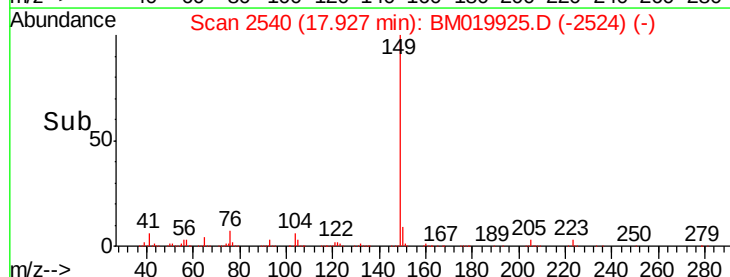
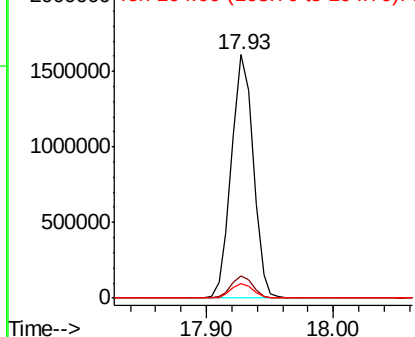
149 100

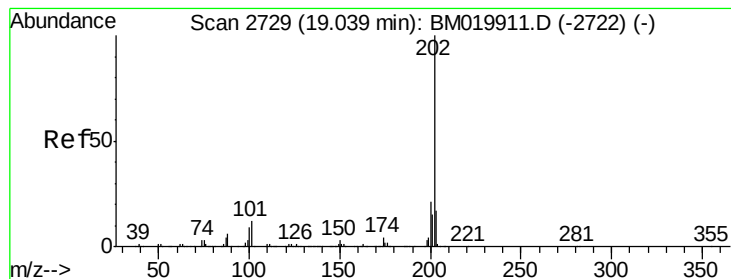
150 9.3 7.2 10.8

104 5.9 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

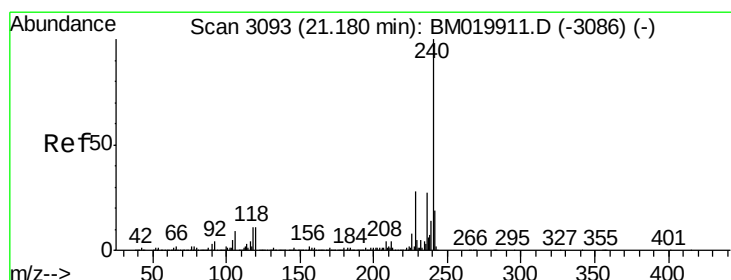
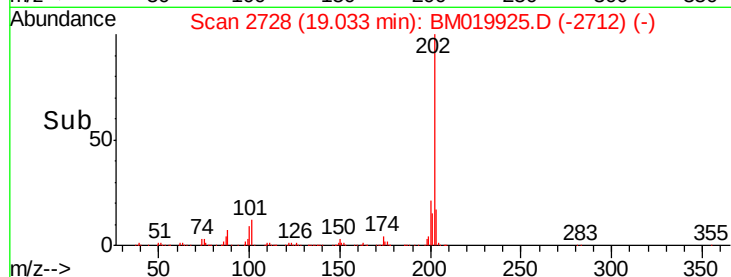
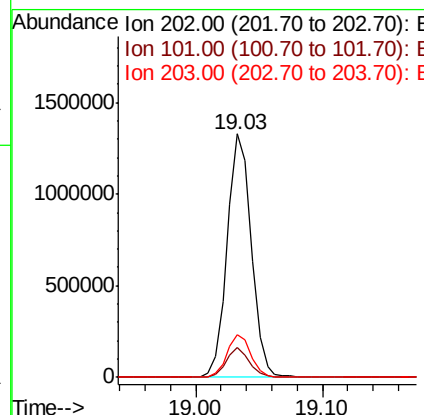
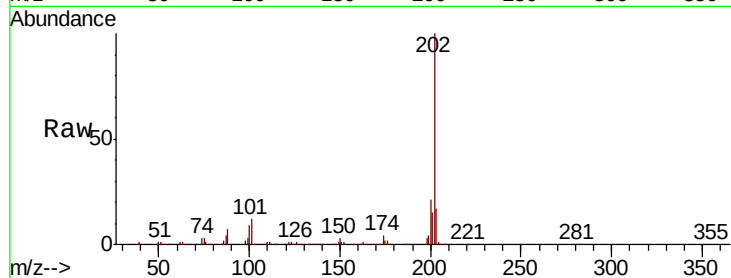




#75
 Fluoranthene
 Concen: 33.233 ng
 RT: 19.03 min Scan# 2728
 Delta R.T. -0.01 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

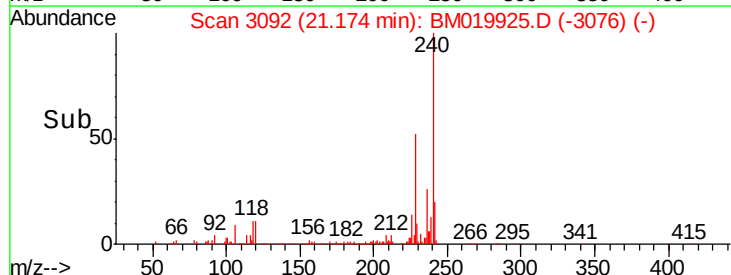
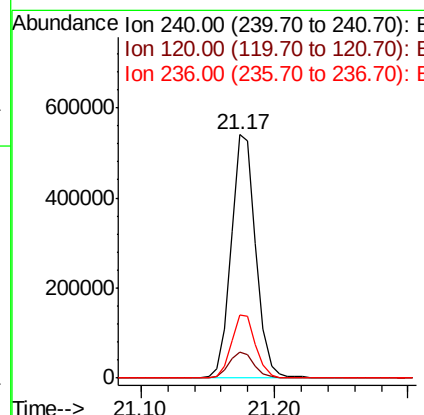
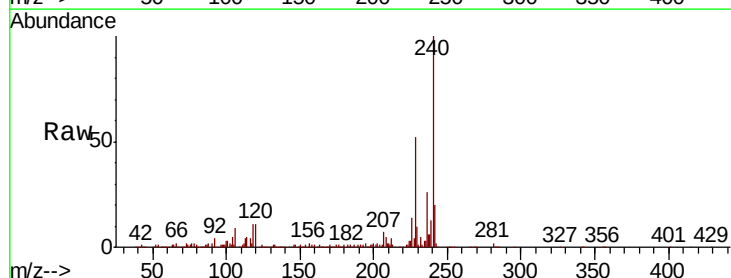
Instrument :
 BNA_M
 ClientSampleId :

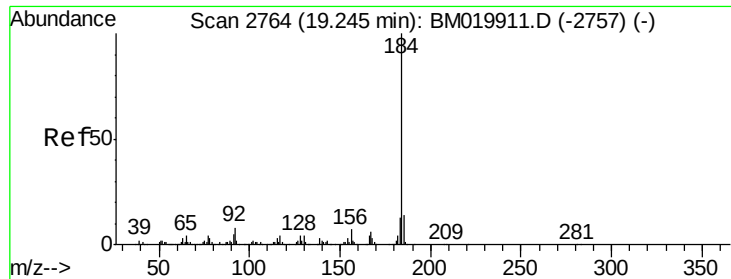
Tot Ion:202 Resp: 1751916
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 31.7
 203 17.4 0.0 37.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM019925.D
 Acq: 16 Apr 2019 09:55

Tgt Ion:240 Resp: 699178
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.6 13.0
 236 25.8 21.4 32.2





#77

Benzidine

Concen: 38.549 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampleId :

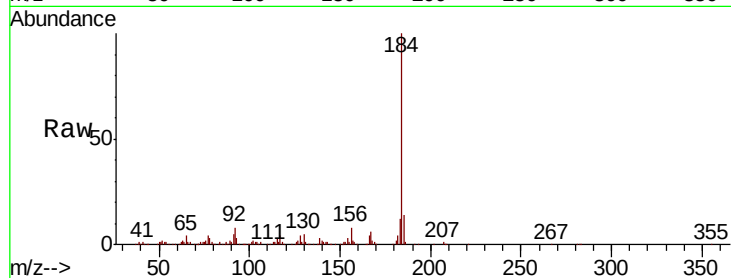
Tot Ion:184 Resp: 743655

Ion Ratio Lower Upper

184 100

185 13.6 11.0 16.6

183 11.8 10.1 15.1

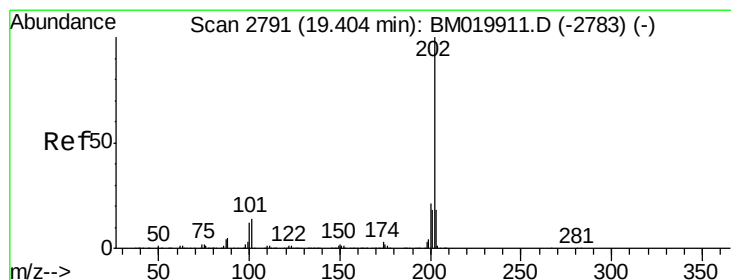
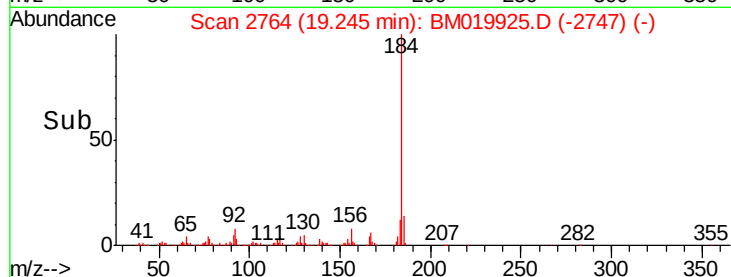
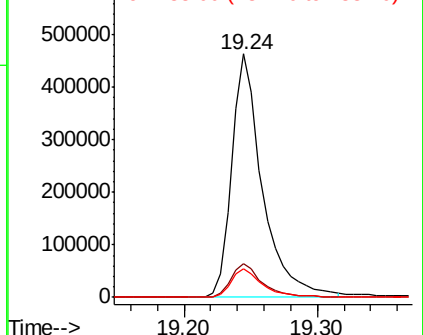


Abundance

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: 38.893 ng

RT: 19.40 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

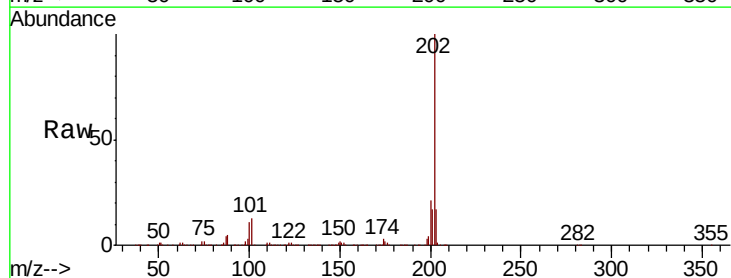
Tgt Ion:202 Resp: 1800789

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 16.8 14.0 21.0

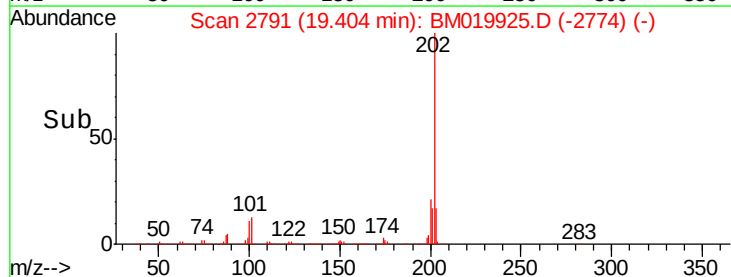
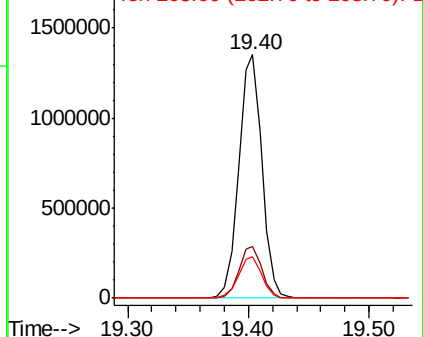


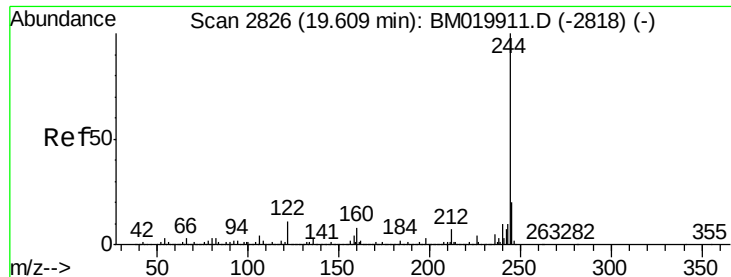
Abundance

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: 76.254 ng

RT: 19.61 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

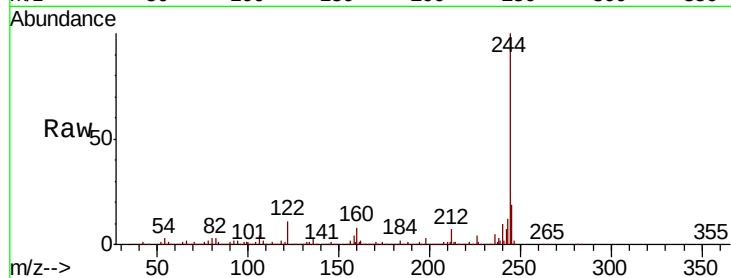
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 3022687

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.6	9.1	13.7

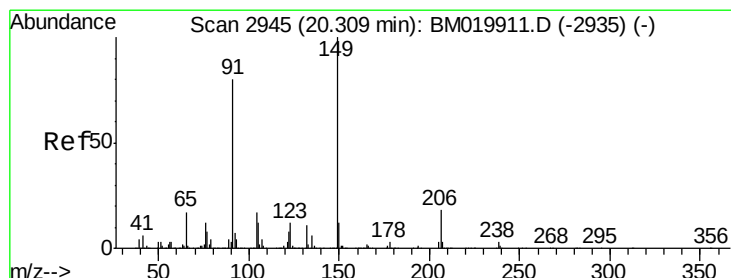
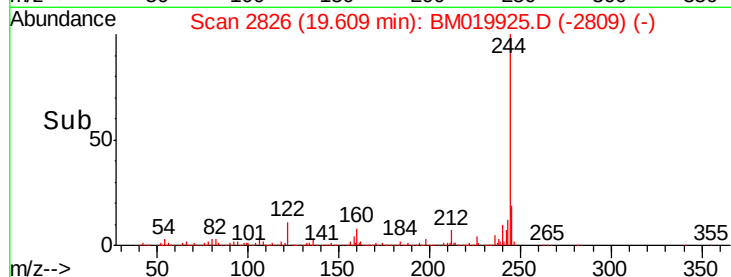
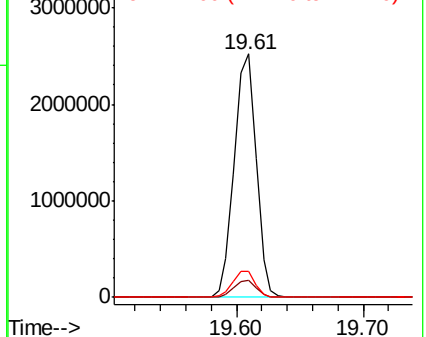


Abundance

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: 35.665 ng

RT: 20.31 min Scan# 2945

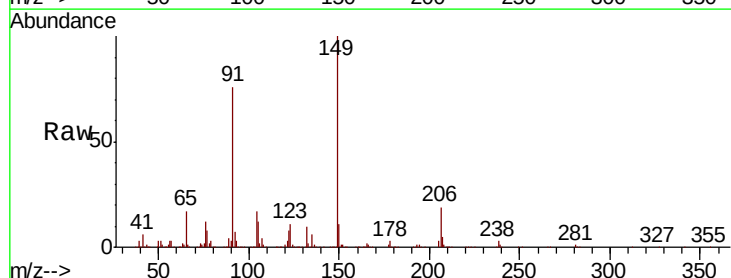
Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Tgt Ion:149 Resp: 800596

Ion	Ratio	Lower	Upper
149	100		
91	76.1	63.7	95.5
206	19.0	14.6	21.8

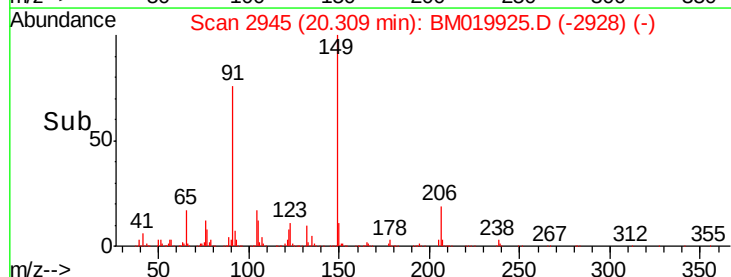
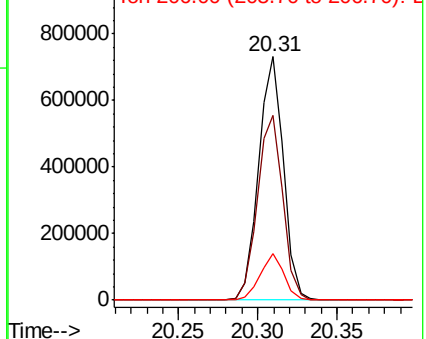


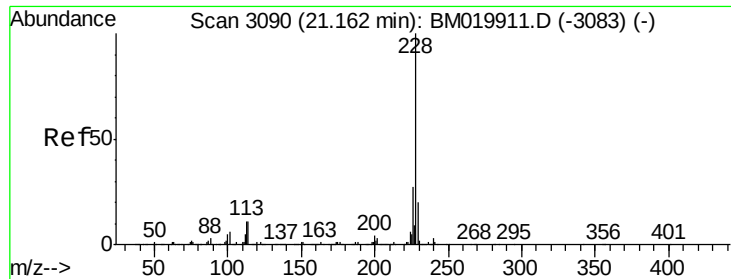
Abundance

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: 35.046 ng

RT: 21.16 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampleId :

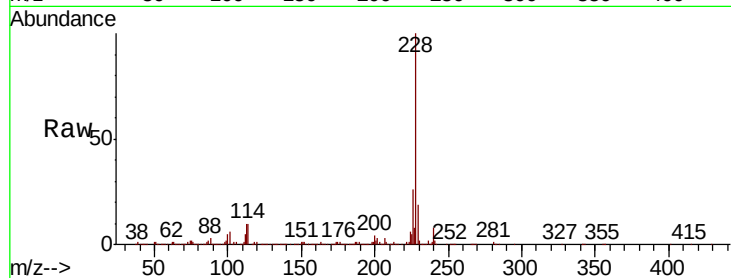
Tot Ion:228 Resp: 1552233

Ion Ratio Lower Upper

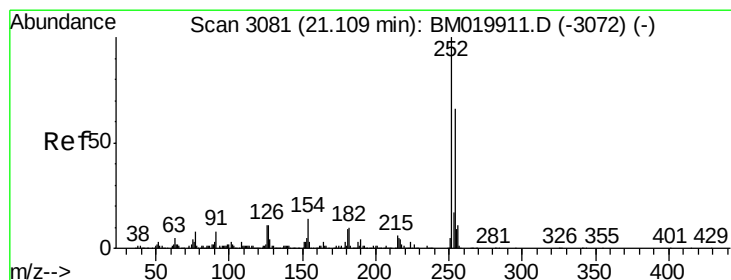
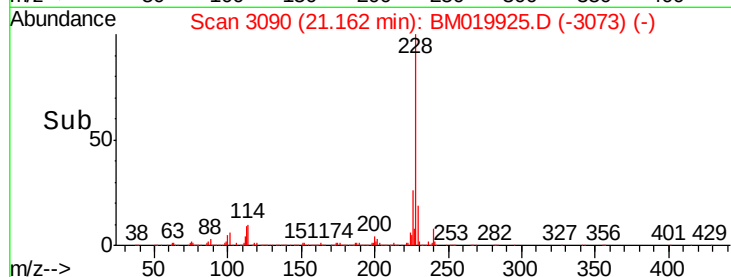
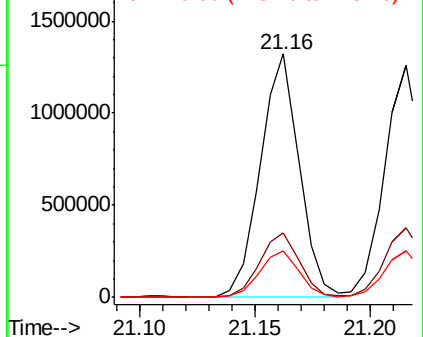
228 100

226 26.3 21.8 32.6

229 19.1 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: 35.613 ng

RT: 21.10 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

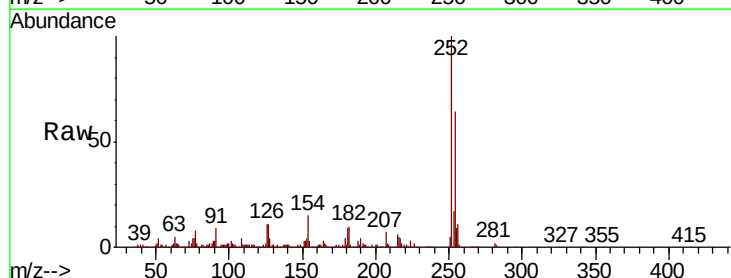
Tgt Ion:252 Resp: 586856

Ion Ratio Lower Upper

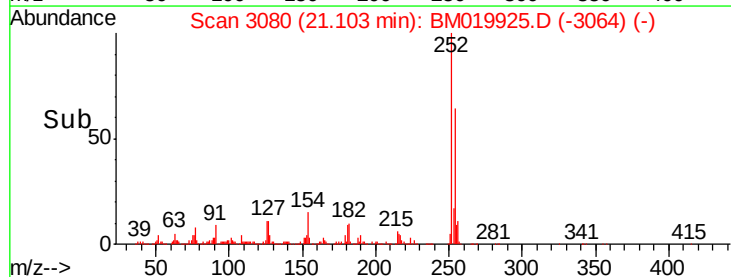
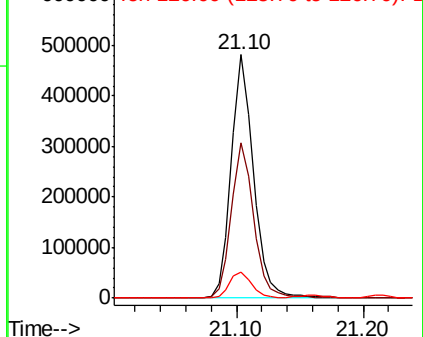
252 100

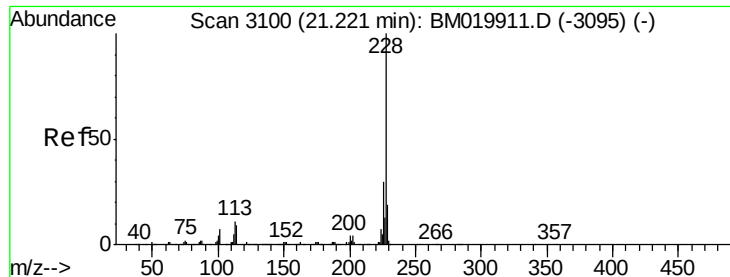
254 64.0 52.6 78.8

126 10.9 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: 35.012 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampleId :

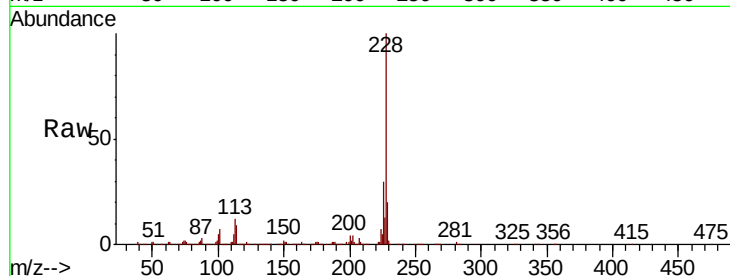
Tot Ion:228 Resp: 1487146

Ion Ratio Lower Upper

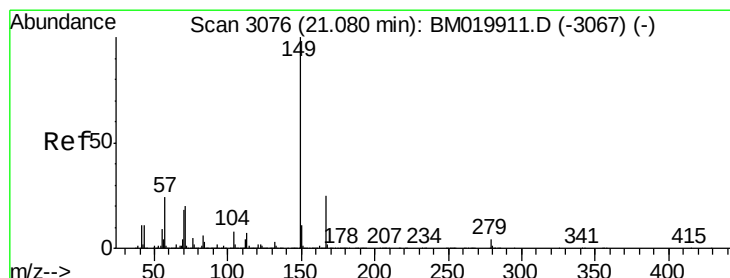
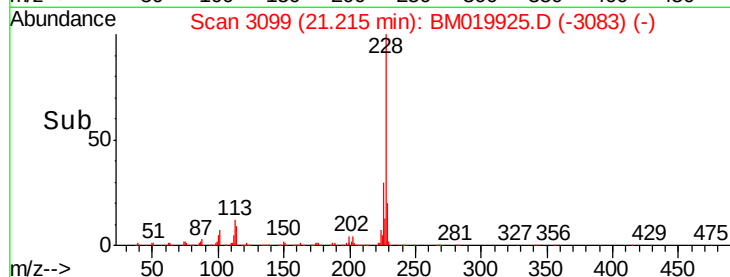
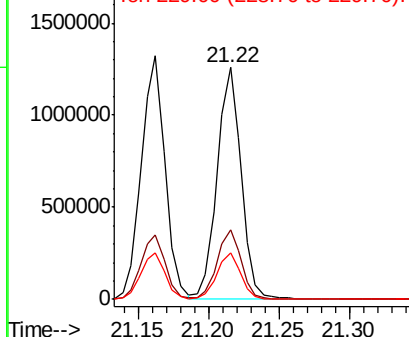
228 100

226 29.9 23.7 35.5

229 19.9 15.6 23.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.938 ng

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

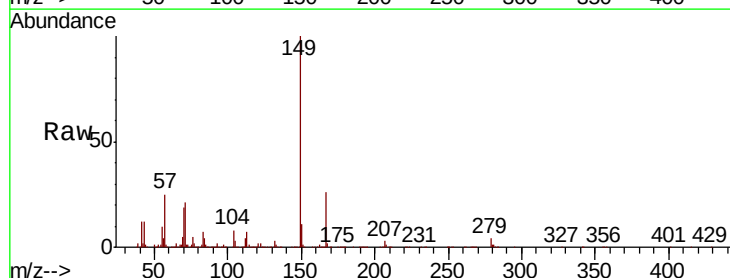
Tgt Ion:149 Resp: 1134190

Ion Ratio Lower Upper

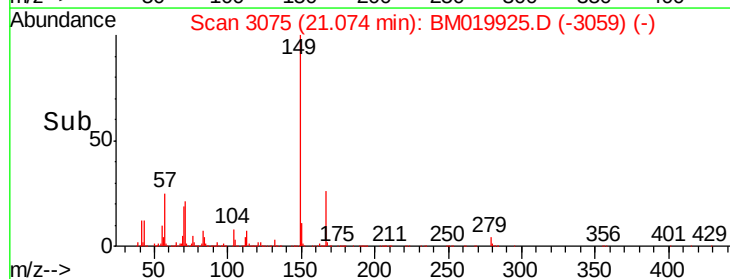
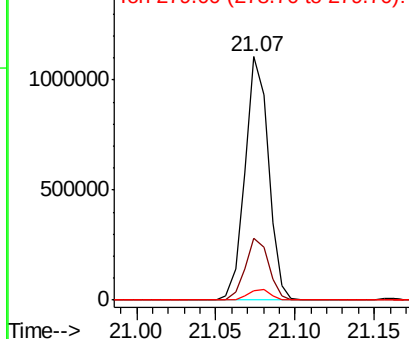
149 100

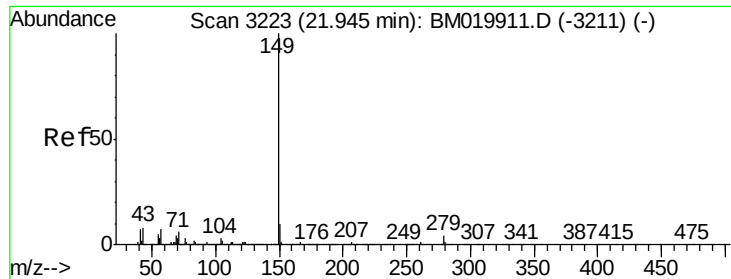
167 25.6 20.3 30.5

279 4.0 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.678 ng

RT: 21.94 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Instrument :

BNA_M

ClientSampleId :

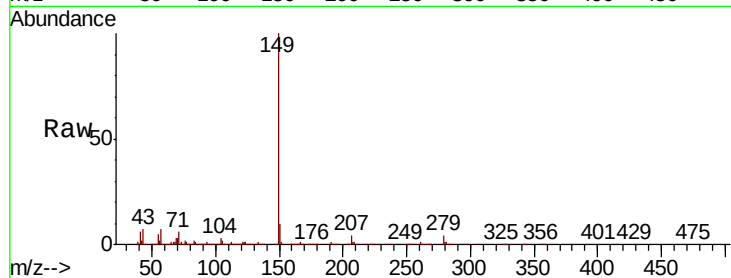
Tot Ion:149 Resp: 1826217

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

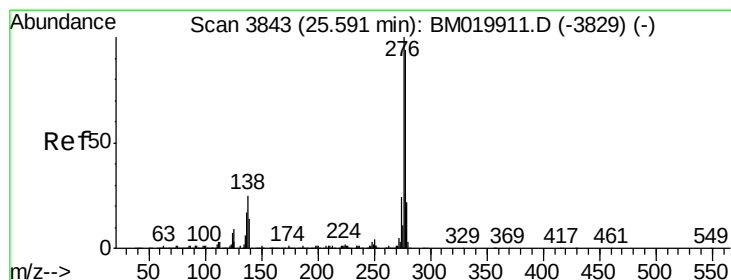
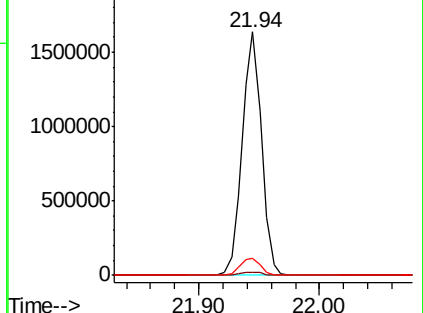
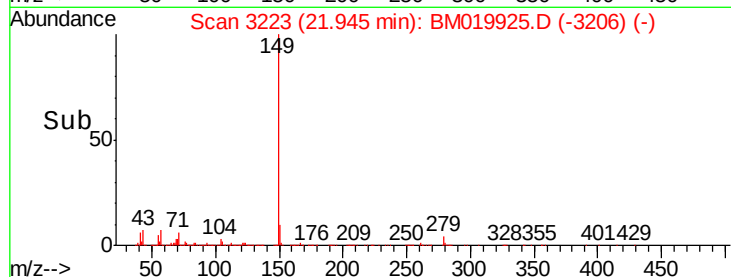
43 7.6 6.0 9.0



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: 40.353 ng

RT: 25.59 min Scan# 3842

Delta R.T. -0.01 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

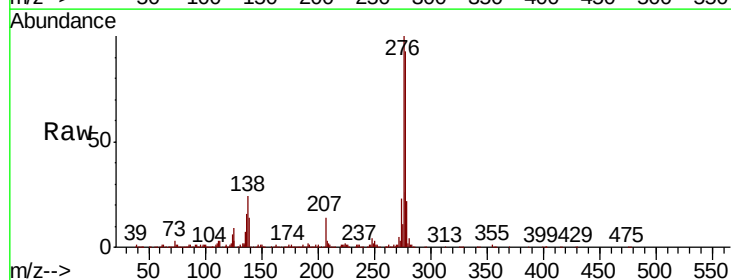
Tgt Ion:276 Resp: 1686098

Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.6

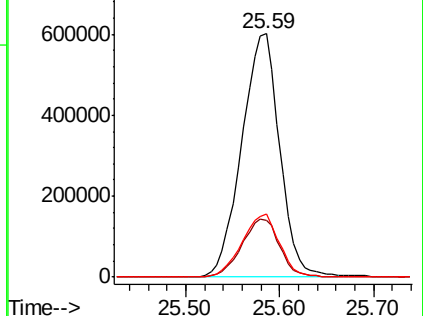
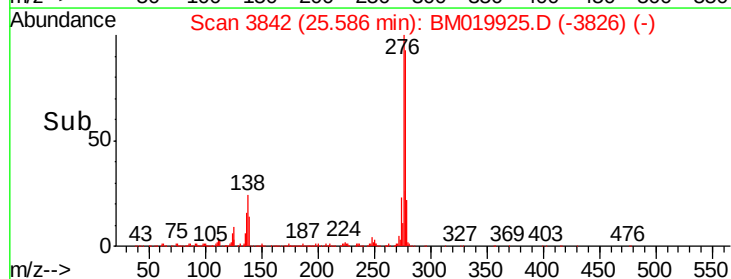
277 25.4 20.3 30.5

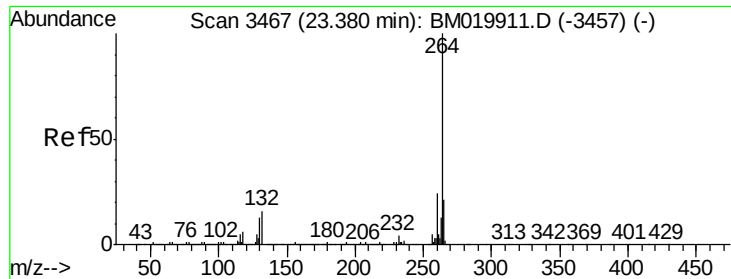


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

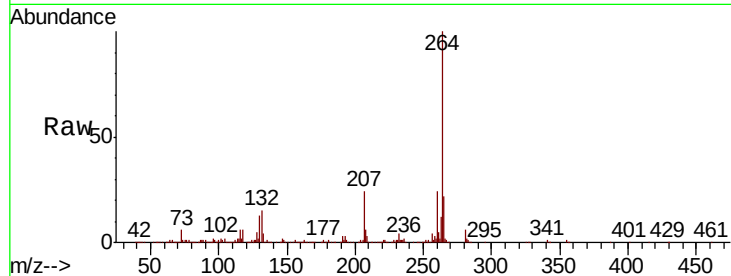




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.2	25.8

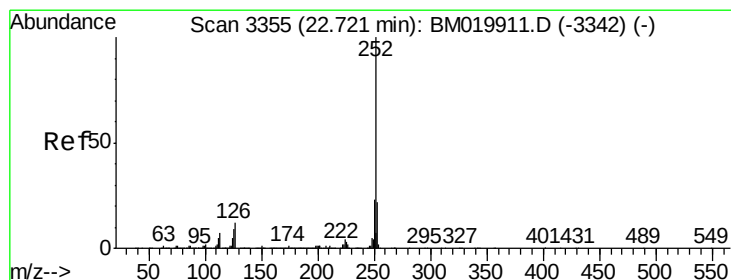
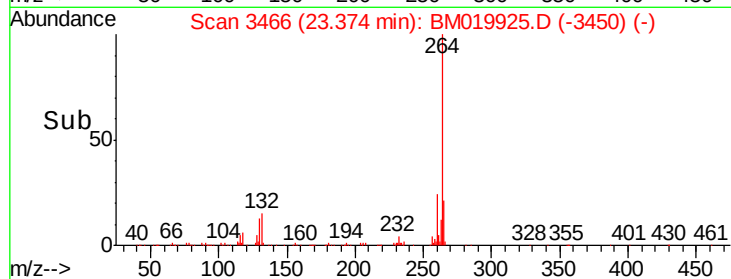
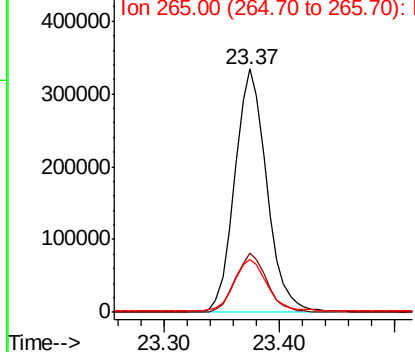


Abundance

Ion 264.00 (263.70 to 264.70): E

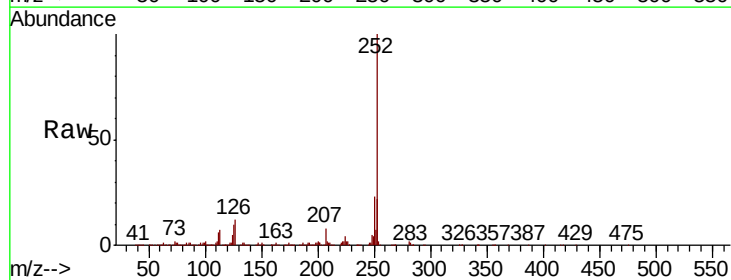
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 35.236 ng
RT: 22.72 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	9.5	7.6	11.4

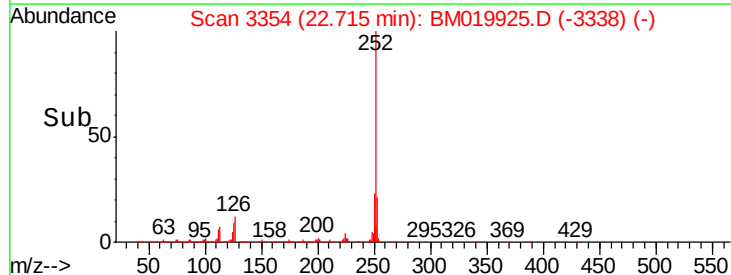
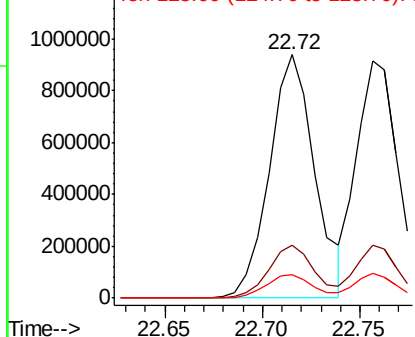


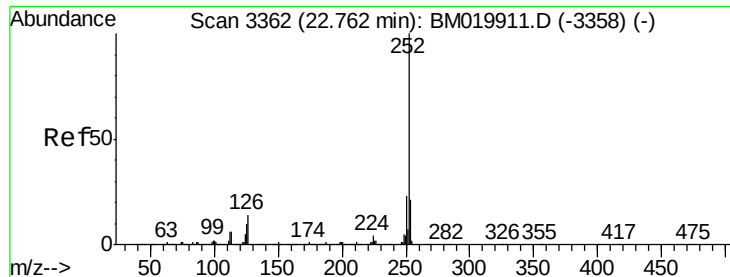
Abundance

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

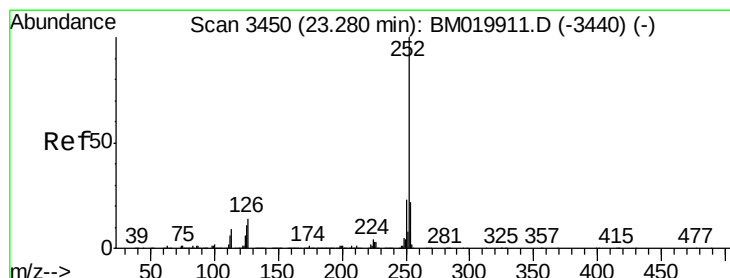
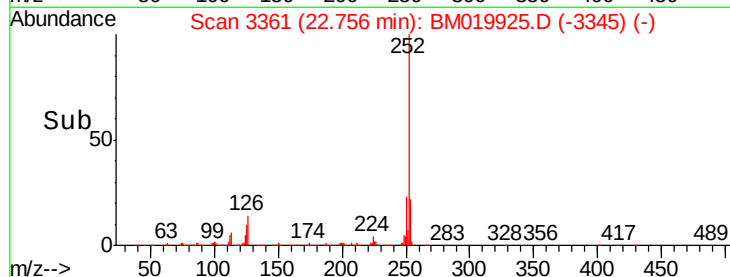
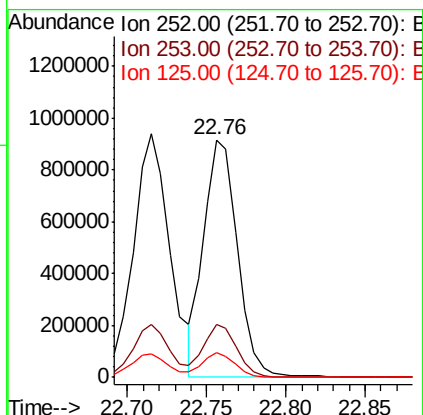
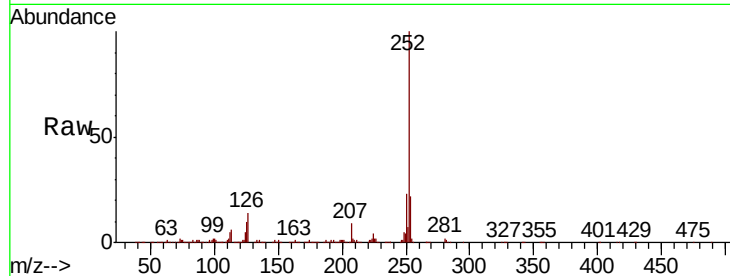




#89
Benzo(k)fluoranthene
Concen: 33.578 ng
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

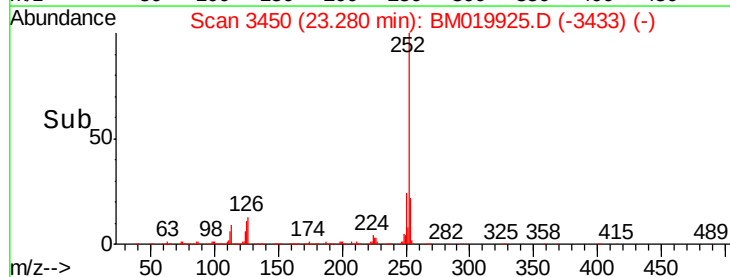
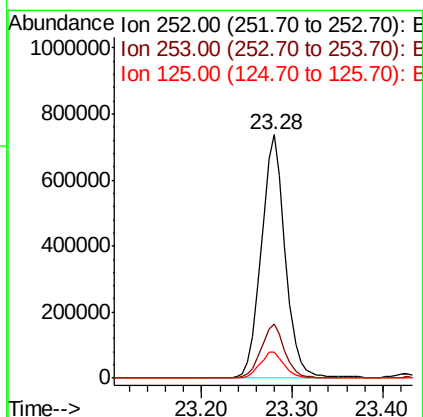
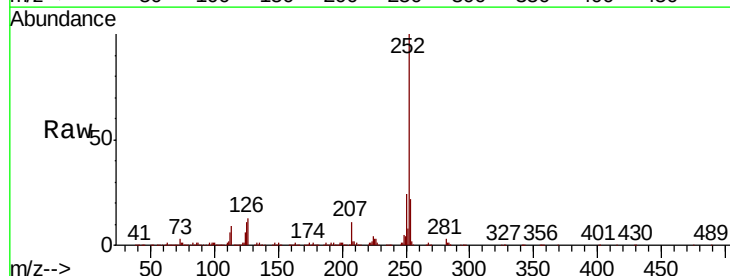
Instrument :
BNA_M
ClientSampled :

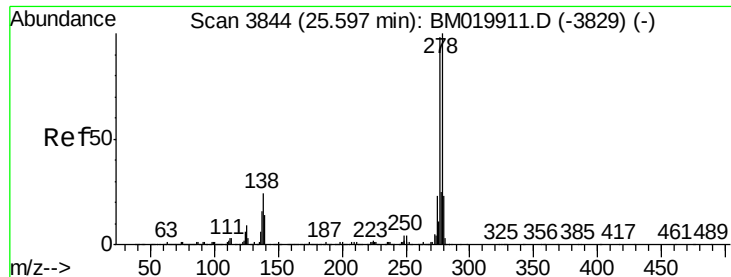
Tot Ion:252 Resp: 1351765
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.5 8.2 12.4



#90
Benzo(a)pyrene
Concen: 35.356 ng
RT: 23.28 min Scan# 3450
Delta R.T. 0.00 min
Lab File: BM019925.D
Acq: 16 Apr 2019 09:55

Tgt Ion:252 Resp: 1339635
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.7 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 38.604 ng

RT: 25.59 min Scan# 3842

Delta R.T. -0.01 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

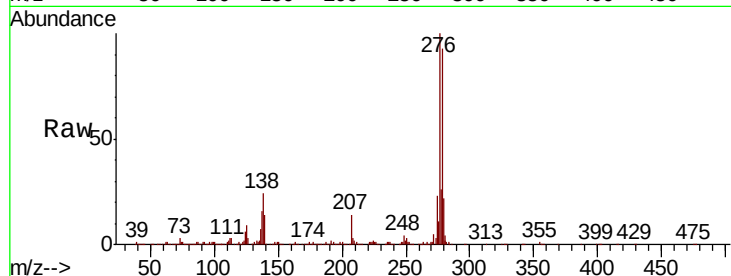
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 1410245

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.6	17.4
279	23.5	18.4	27.6

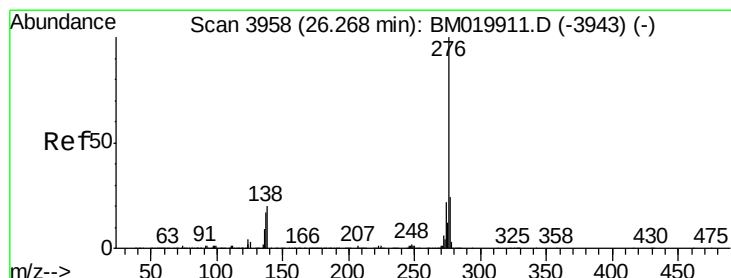
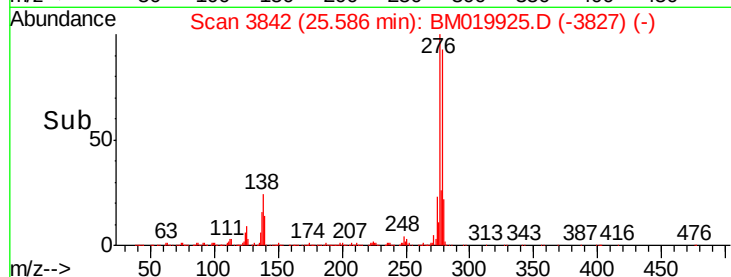
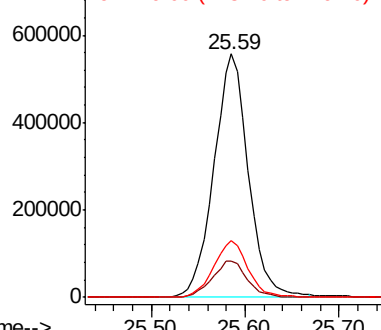


Abundance

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: 39.560 ng

RT: 26.26 min Scan# 3957

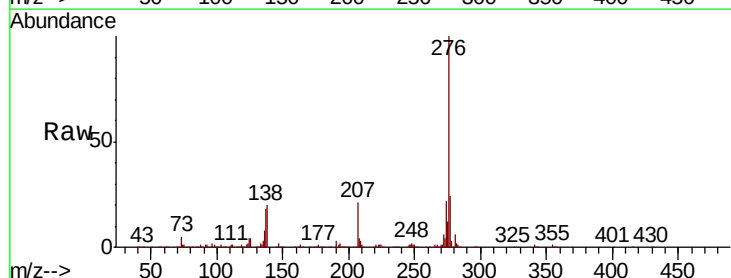
Delta R.T. -0.01 min

Lab File: BM019925.D

Acq: 16 Apr 2019 09:55

Tgt Ion:276 Resp: 1308917

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.1	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

