

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041619\
 Data File : BM019932.D
 Acq On : 16 Apr 2019 15:35
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 16 16:42:46 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	138339	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	653721	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	394347	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	865735	20.00	ng	0.00
76) Chrysene-d12	21.18	240	786449	20.00	ng	0.00
87) Perylene-d12	23.38	264	735818	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	653080	76.51	ng	0.00
7) Phenol-d6	6.73	99	984140	76.61	ng	0.00
23) Nitrobenzene-d5	8.70	82	1110588	75.98	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	466495	73.49	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	2399273	75.82	ng	0.00
79) Terphenyl-d14	19.61	244	3576234	80.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	144870	39.329	ng	99
3) Pyridine	3.52	79	374437	36.297	ng	99
4) n-Nitrosodimethylamine	3.44	42	131347	39.524	ng	# 96
6) Aniline	6.88	93	627122	37.795	ng	99
8) 2-Chlorophenol	7.10	128	404104	38.063	ng	99
9) Benzaldehyde	6.70	77	295512	38.682	ng	98
10) Phenol	6.75	94	536462	38.221	ng	97
11) bis(2-Chloroethyl)ether	6.98	93	395425	38.505	ng	99
12) 1,3-Dichlorobenzene	7.42	146	426734	38.287	ng	98
13) 1,4-Dichlorobenzene	7.56	146	431294	38.139	ng	99
14) 1,2-Dichlorobenzene	7.87	146	425458	37.944	ng	99
15) Benzyl Alcohol	7.79	79	439267	37.612	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.06	45	372542	38.055	ng	100
17) 2-Methylphenol	7.99	107	347880	37.449	ng	98
18) Hexachloroethane	8.57	117	165911	37.744	ng	97
19) n-Nitroso-di-n-propylamine	8.35	70	428846	37.976	ng	99
20) 3+4-Methylphenols	8.32	107	481698	37.748	ng	99
22) Acetophenone	8.37	105	676427	37.990	ng	99
24) Nitrobenzene	8.75	77	580117	38.310	ng	98
25) Isophorone	9.26	82	1056760	37.138	ng	99
26) 2-Nitrophenol	9.45	139	243223	37.691	ng	99
27) 2,4-Dimethylphenol	9.50	122	344618	37.770	ng	99
28) bis(2-Chloroethoxy)methane	9.75	93	605482	38.000	ng	100
29) 2,4-Dichlorophenol	9.97	162	395691	38.185	ng	98
30) 1,2,4-Trichlorobenzene	10.17	180	422066	37.843	ng	99
31) Naphthalene	10.36	128	1320390	37.657	ng	99
32) Benzoic acid	9.72	122	282277	34.444	ng	98
33) 4-Chloroaniline	10.50	127	548234	37.954	ng	99
34) Hexachlorobutadiene	10.61	225	247577	37.638	ng	100
35) Caprolactam	11.33	113	127908	32.609	ng	98
36) 4-Chloro-3-methylphenol	11.63	107	485857	37.734	ng	100
37) 2-Methylnaphthalene	11.98	142	961078	37.649	ng	99
38) 1-Methylnaphthalene	12.20	142	943198	37.421	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	458994	37.729	ng	99

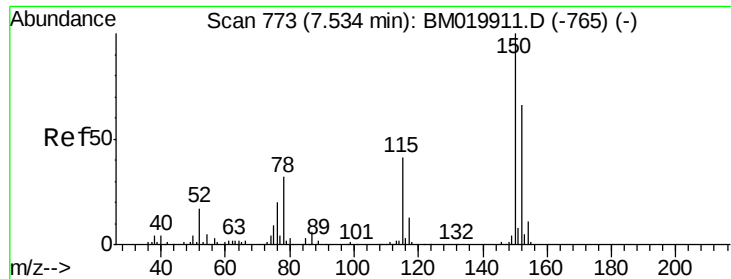
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041619\
 Data File : BM019932.D
 Acq On : 16 Apr 2019 15:35
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 16 16:42:46 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	125645	36.583	ng	98
43) 2,4,6-Trichlorophenol	12.62	196	311101	37.719	ng	99
44) 2,4,5-Trichlorophenol	12.70	196	323818	37.722	ng	98
46) 1,1'-Biphenyl	13.02	154	1296756	37.966	ng	100
47) 2-Chloronaphthalene	13.06	162	988019	37.923	ng	99
48) 2-Nitroaniline	13.31	65	354206	37.718	ng	98
49) Acenaphthylene	13.92	152	1698314	37.466	ng	99
50) Dimethylphthalate	13.67	163	1307123	37.578	ng	99
51) 2,6-Dinitrotoluene	13.81	165	288220	37.471	ng	90
52) Acenaphthene	14.26	154	942202	37.487	ng	99
53) 3-Nitroaniline	14.15	138	287673	37.456	ng	99
54) 2,4-Dinitrophenol	14.38	184	176851	42.382	ng	99
55) Dibenzofuran	14.60	168	1530411	37.236	ng	100
56) 4-Nitrophenol	14.48	139	200186	36.473	ng	98
57) 2,4-Dinitrotoluene	14.62	165	405367	36.664	ng	98
58) Fluorene	15.26	166	1296531	37.229	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.84	232	292750	37.376	ng	99
60) Diethylphthalate	15.04	149	1364881	37.728	ng	100
61) 4-Chlorophenyl-phenylether	15.25	204	627187	37.404	ng	96
62) 4-Nitroaniline	15.33	138	277416	36.661	ng	98
63) Azobenzene	15.55	77	1479788	38.271	ng	100
65) 4,6-Dinitro-2-methylphenol	15.39	198	202643	36.686	ng	99
66) n-Nitrosodiphenylamine	15.48	169	1067075	37.702	ng	100
67) 4-Bromophenyl-phenylether	16.15	248	374745	37.650	ng	97
68) Hexachlorobenzene	16.26	284	446409	37.378	ng	98
69) Atrazine	16.44	200	336055	34.976	ng	99
70) Pentachlorophenol	16.62	266	223507	36.627	ng	99
71) Phenanthrene	17.00	178	1886219	36.715	ng	100
72) Anthracene	17.10	178	1871550	36.596	ng	99
73) Carbazole	17.39	167	1716756	35.955	ng	99
74) Di-n-butylphthalate	17.93	149	2282299	36.397	ng	100
75) Fluoranthene	19.04	202	2059383	34.832	ng	100
77) Benzidine	19.24	184	831447	38.317	ng	99
78) Pyrene	19.40	202	2085549	40.044	ng	99
80) Butylbenzylphthalate	20.31	149	958732	37.970	ng	100
81) Benzo(a)anthracene	21.16	228	1852906	37.192	ng	100
82) 3,3'-Dichlorobenzidine	21.11	252	695738	37.535	ng	99
83) Chrysene	21.22	228	1775573	37.164	ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	1411005	37.536	ng	100
85) Di-n-octyl phthalate	21.95	149	2260888	37.067	ng	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	2070793	44.060	ng	100
88) Benzo(b)fluoranthene	22.72	252	1778971	36.410	ng	100
89) Benzo(k)fluoranthene	22.76	252	1699566	36.949	ng	99
90) Benzo(a)pyrene	23.29	252	1630771	37.669	ng	98
91) Dibenzo(a,h)anthracene	25.59	278	1741868	41.732	ng	99
92) Benzo(g,h,i)perylene	26.26	276	1601775	42.369	ng	99

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

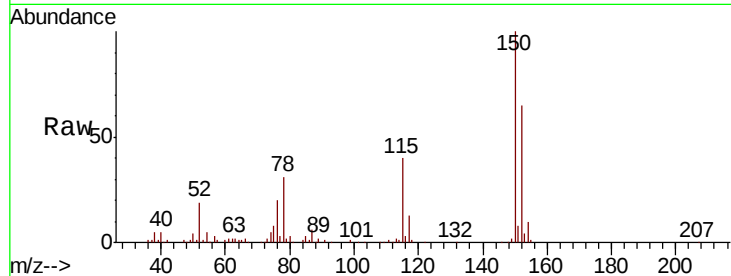


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	122.1	183.1
115	62.2	50.0	75.0

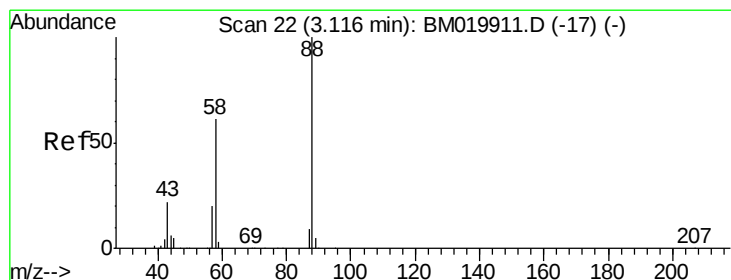
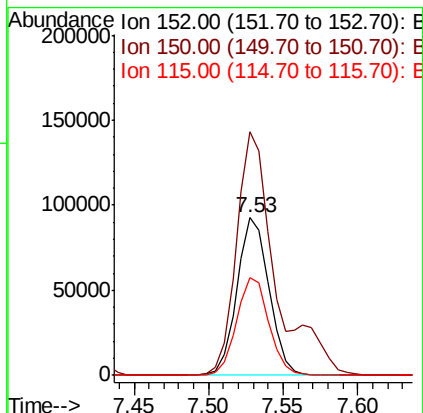
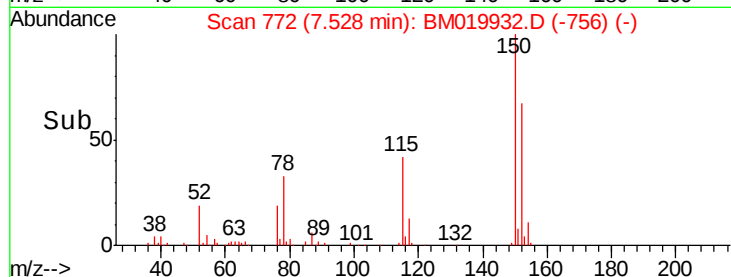


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

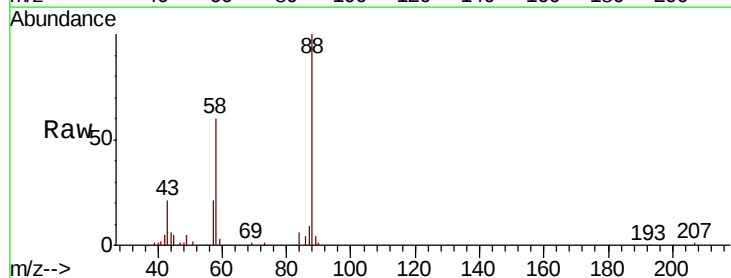
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.329 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.2	49.6	74.4
43	22.2	18.6	27.8

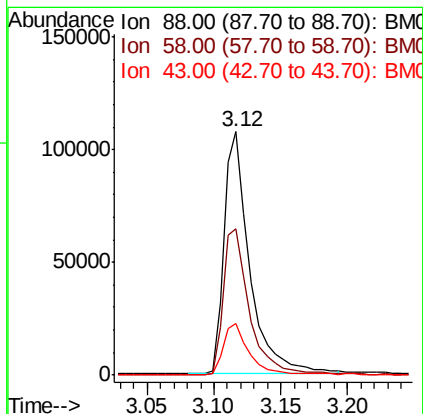
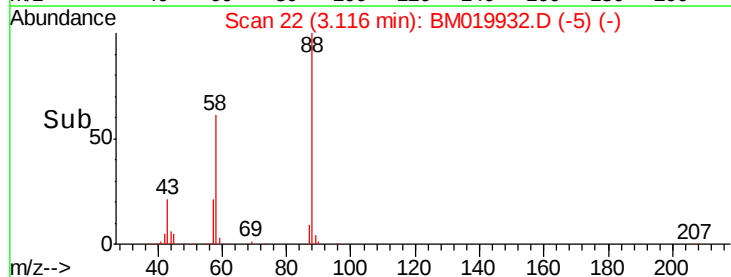


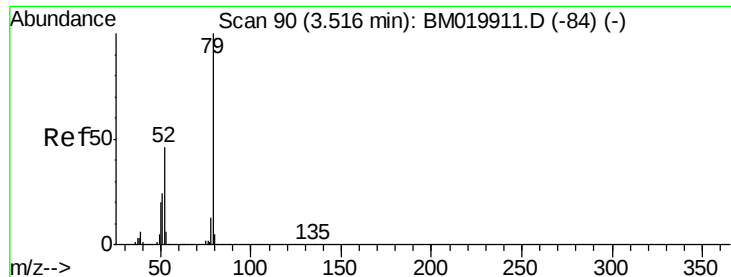
Abundance

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

Pvrindine

Concen: 36.297 ng

RT: 3.52 min Scan# 90

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

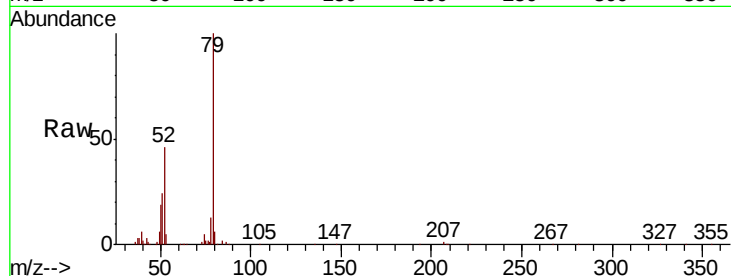
Tot Ion: 79 Resp: 374437

Ion Ratio Lower Upper

79 100

52 45.8 36.9 55.3

51 24.2 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) (-)

200000

150000

100000

50000

0

3.45

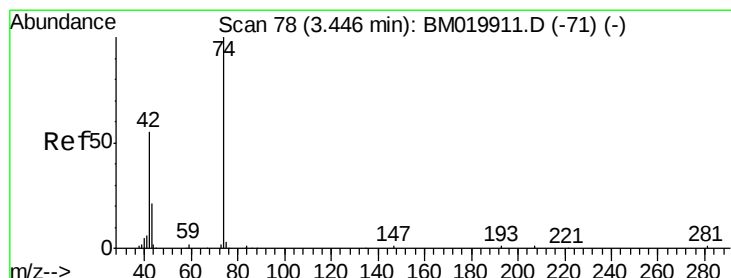
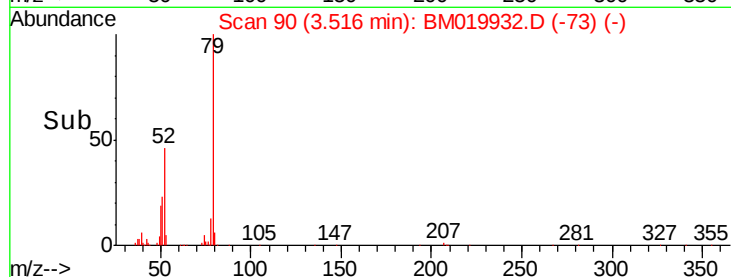
3.50

3.55

3.60

3.65

Time-->



#4

n-Nitrosodimethylamine

Concen: 39.524 ng

RT: 3.44 min Scan# 77

Delta R.T. -0.01 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

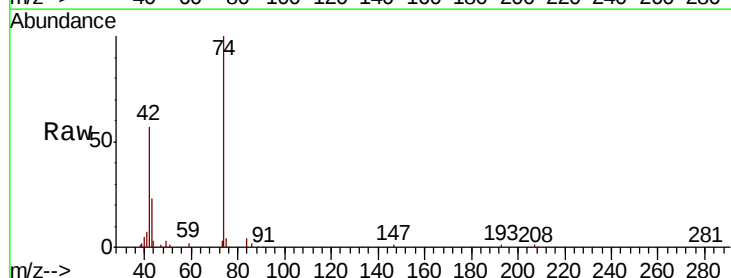
Tgt Ion: 42 Resp: 131347

Ion Ratio Lower Upper

42 100

74 175.2 144.6 217.0

44 5.2 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) (-)

150000

100000

50000

0

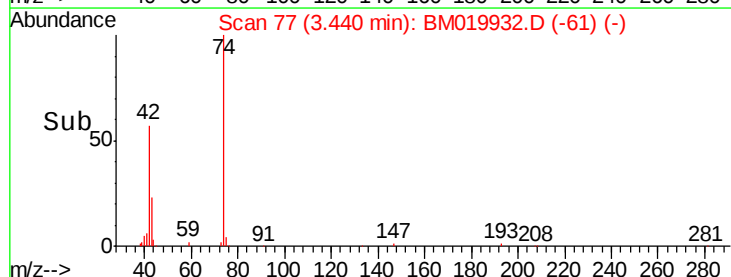
3.40

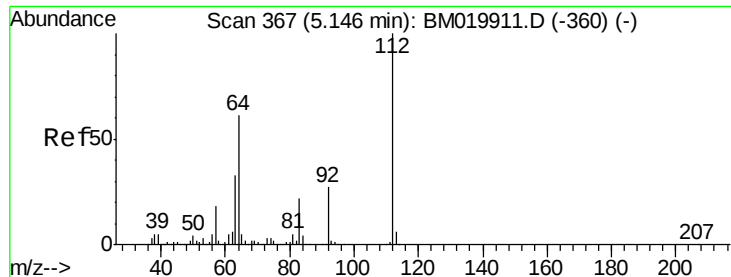
3.44

3.50

3.60

Time-->





#5

2-Fluorophenol

Concen: 76.509 ng

RT: 5.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

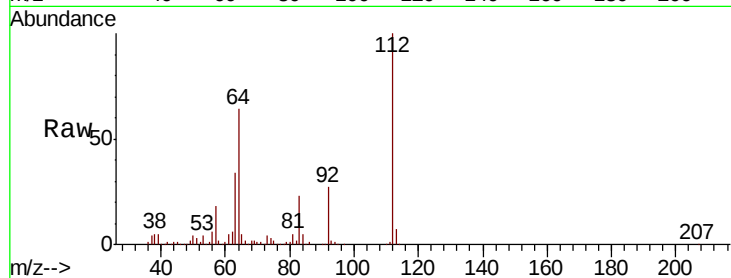
Tot Ion:112 Resp: 653080

Ion Ratio Lower Upper

112 100

64 64.2 49.1 73.7

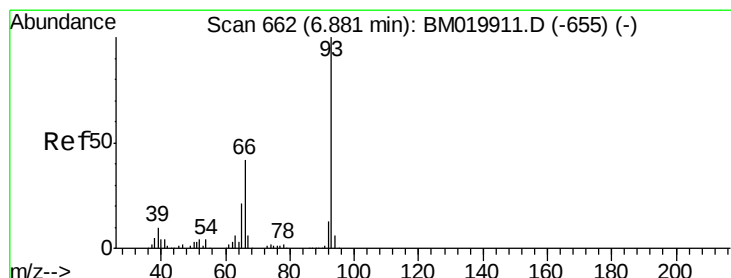
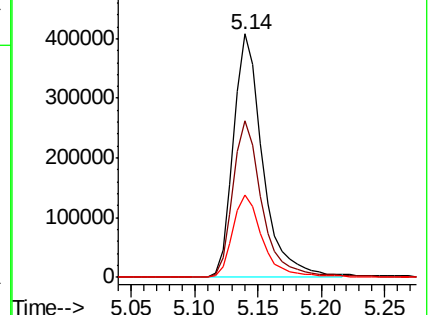
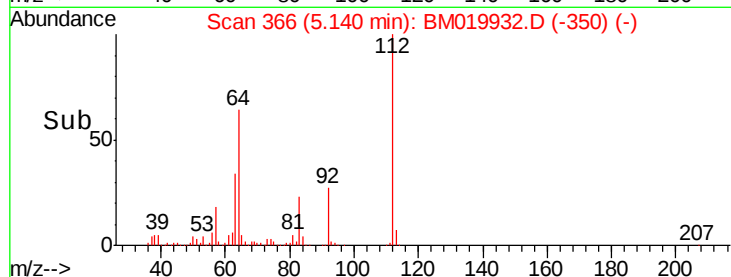
63 33.8 26.5 39.7



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: 37.795 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

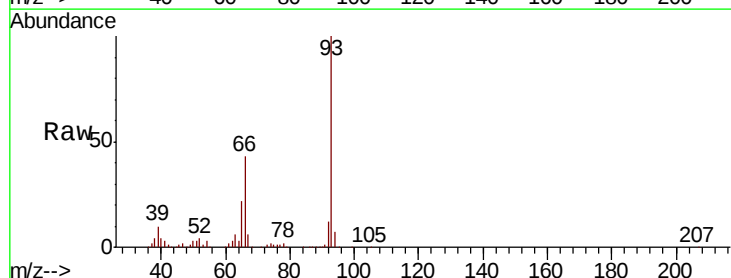
Tgt Ion: 93 Resp: 627122

Ion Ratio Lower Upper

93 100

66 42.6 33.9 50.9

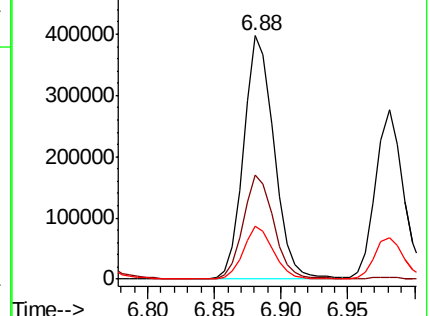
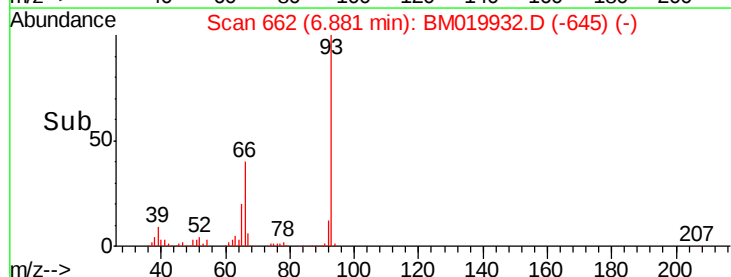
65 21.9 17.0 25.6

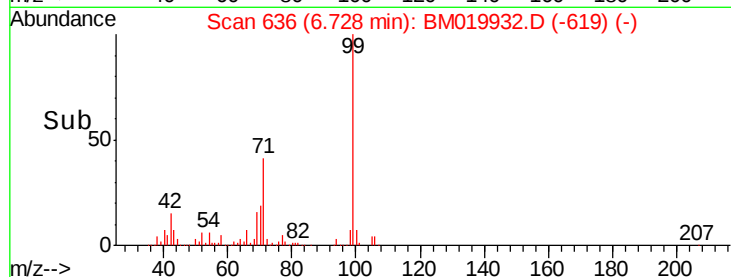
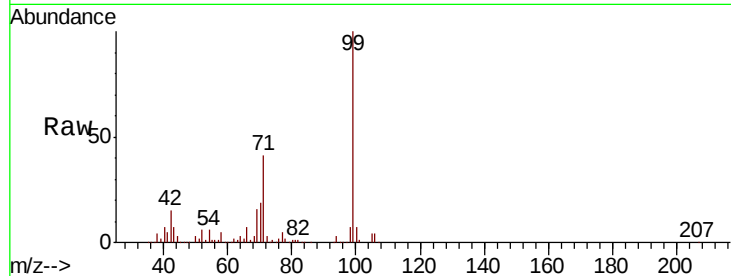
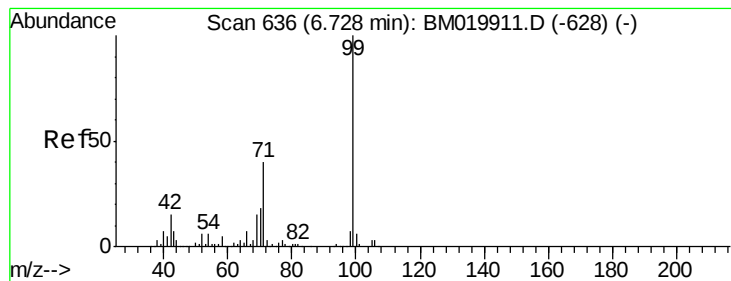


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 76.607 ng

RT: 6.73 min Scan# 636

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

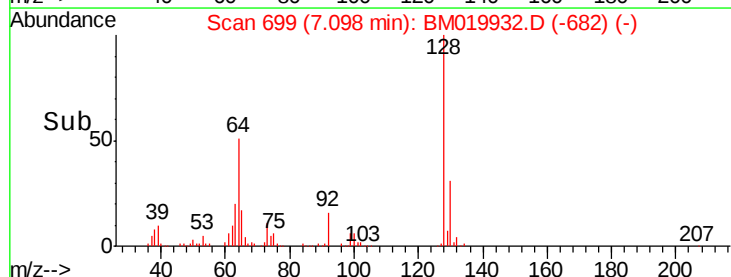
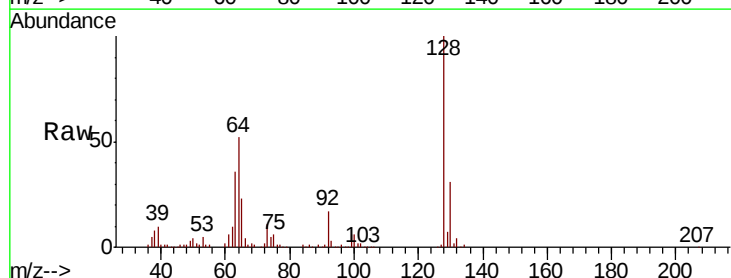
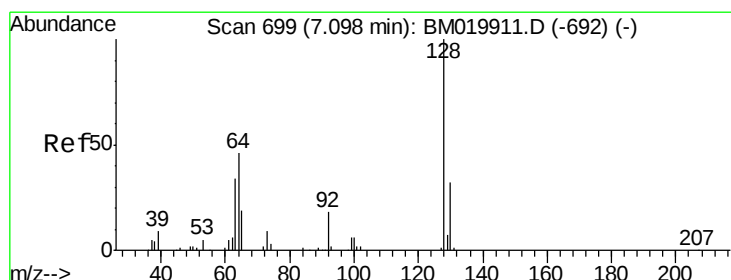
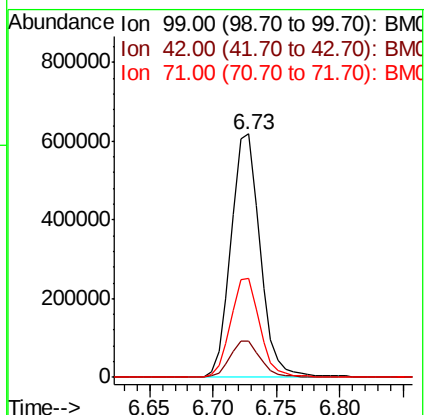
Tot Ion: 99 Resp: 984140

Ion Ratio Lower Upper

99 100

42 14.8 11.8 17.8

71 40.7 32.0 48.0



#8

2-Chlorophenol

Concen: 38.063 ng

RT: 7.10 min Scan# 699

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

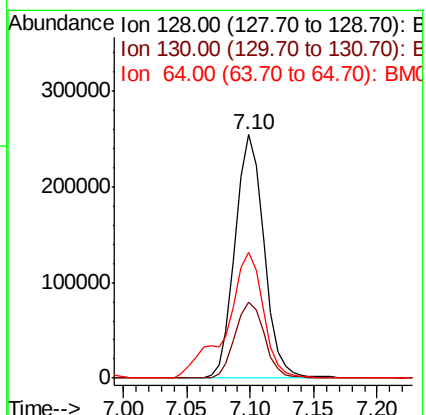
Tgt Ion: 128 Resp: 404104

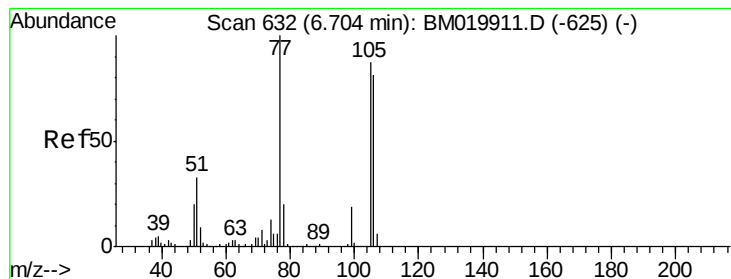
Ion Ratio Lower Upper

128 100

130 31.3 12.0 52.0

64 51.9 33.0 73.0





#9

Benzaldehyde

Concen: 38.682 ng

RT: 6.70 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

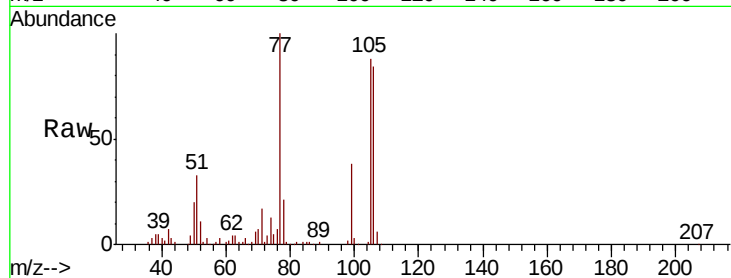
Tot Ion: 77 Resp: 295512

Ion Ratio Lower Upper

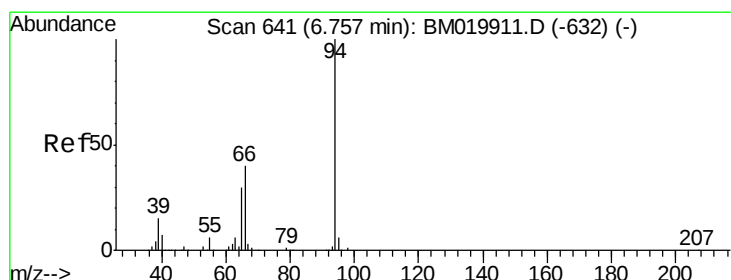
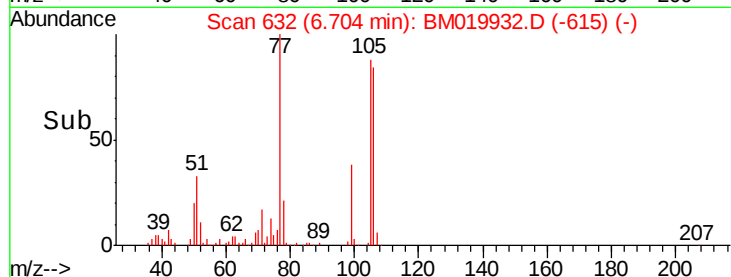
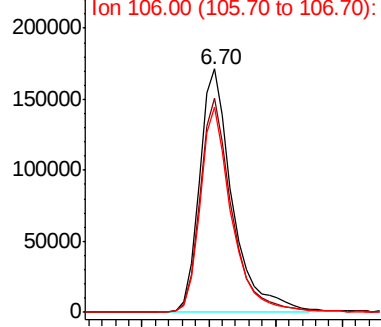
77 100

105 88.2 67.3 107.3

106 84.0 60.6 100.6



Abundance Ion 77.00 (76.70 to 77.70): BM019911.D (-625) (-)



#10

Phenol

Concen: 38.221 ng

RT: 6.75 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

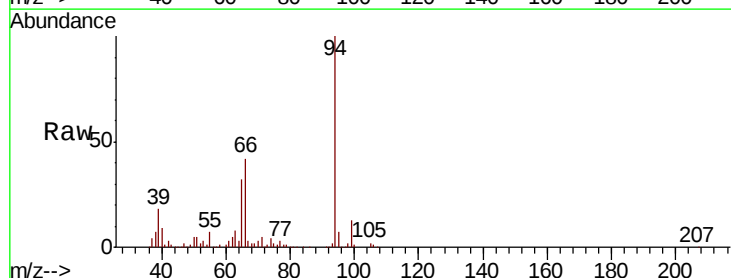
Tgt Ion: 94 Resp: 536462

Ion Ratio Lower Upper

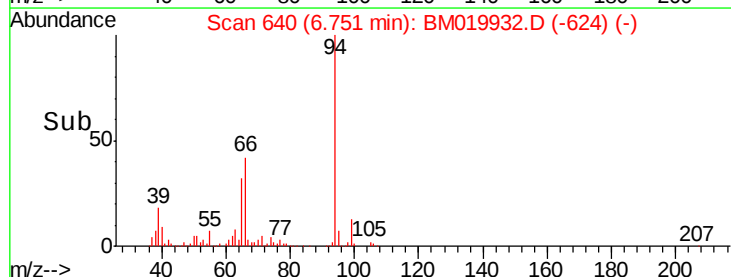
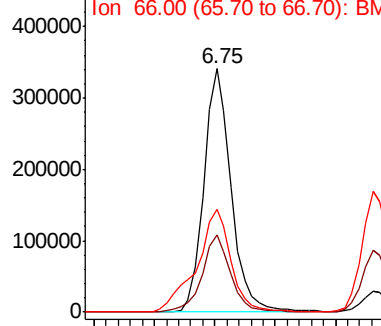
94 100

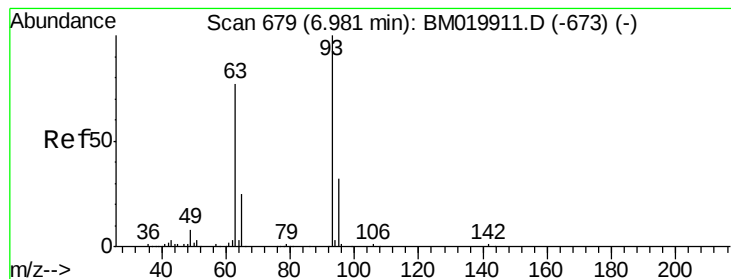
65 31.8 10.0 50.0

66 42.3 20.2 60.2



Abundance Ion 94.00 (93.70 to 94.70): BM019911.D (-632) (-)

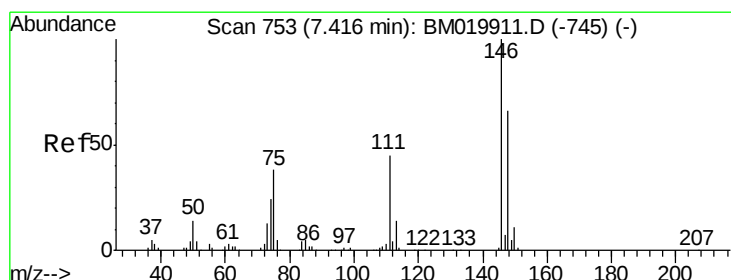
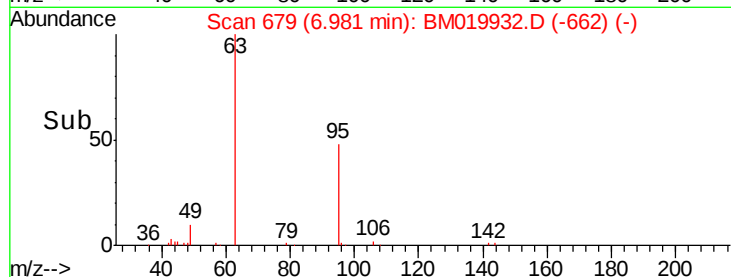
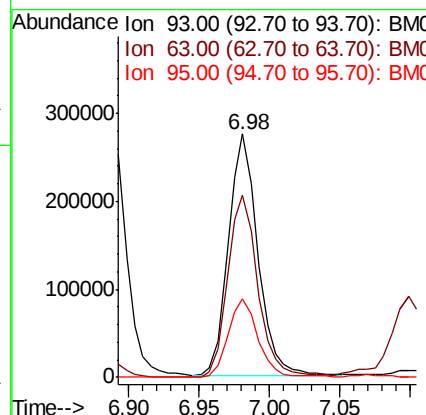
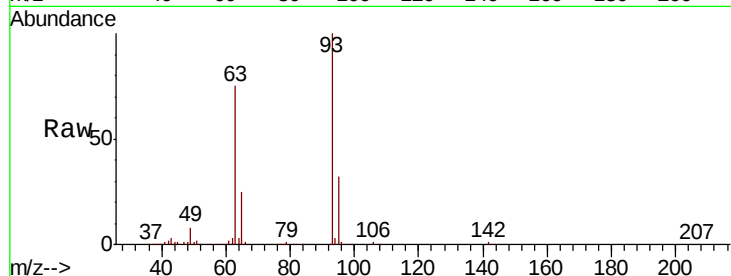




#11
bis(2-Chloroethyl)ether
Concen: 38.505 ng
RT: 6.98 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

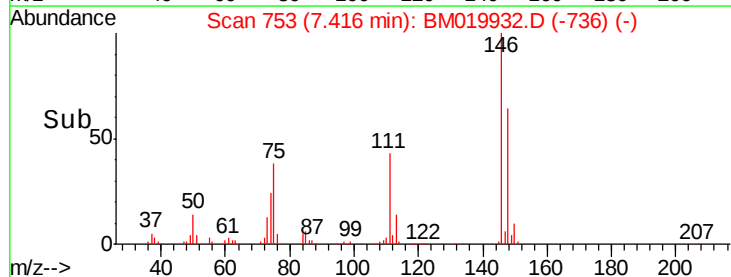
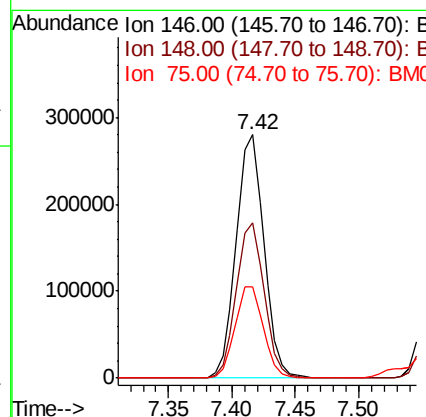
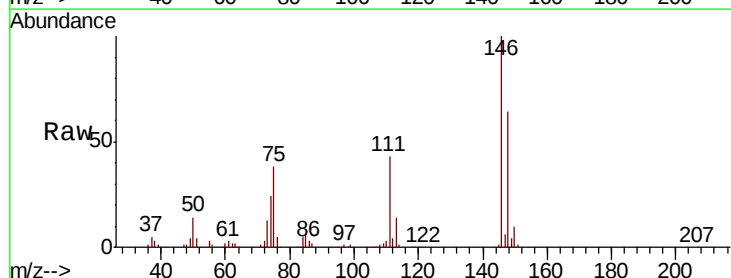
Instrument :
BNA_M
ClientSampleId :

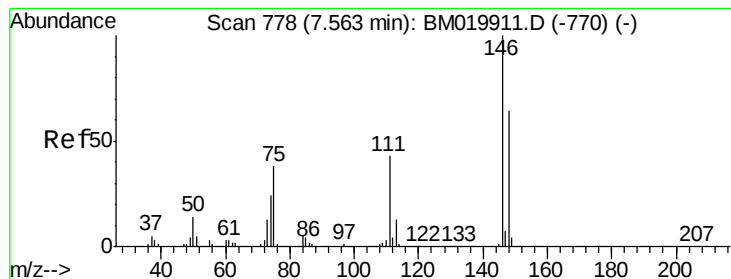
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.9	55.8	95.8
95	32.3	11.6	51.6



#12
1,3-Dichlorobenzene
Concen: 38.287 ng
RT: 7.42 min Scan# 753
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.6	78.8
75	37.6	30.0	45.0





#13

1,4-Dichlorobenzene

Concen: 38.139 ng

RT: 7.56 min Scan# 778

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

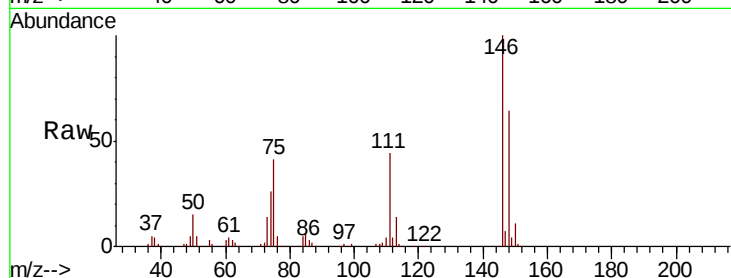
Tot Ion:146 Resp: 431294

Ion Ratio Lower Upper

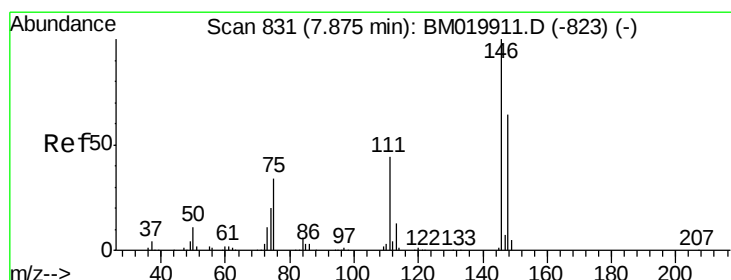
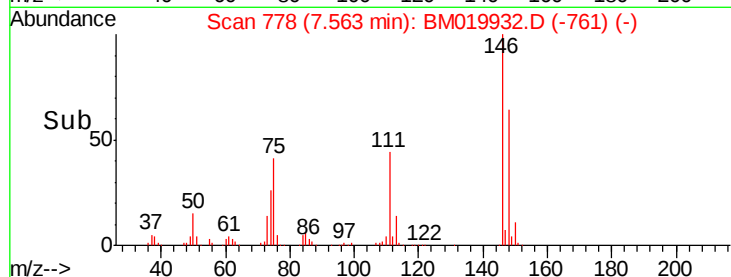
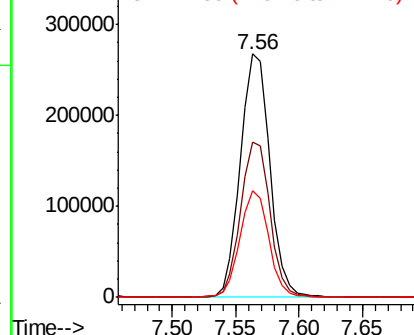
146 100

148 63.6 51.1 76.7

111 43.7 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: 37.944 ng

RT: 7.87 min Scan# 831

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

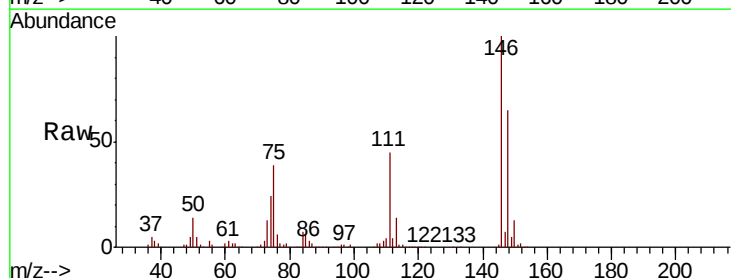
Tgt Ion:146 Resp: 425458

Ion Ratio Lower Upper

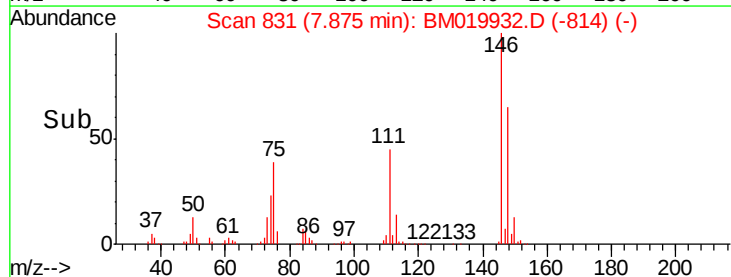
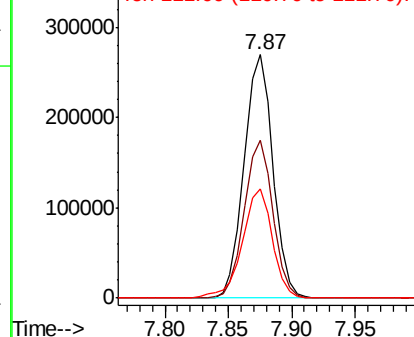
146 100

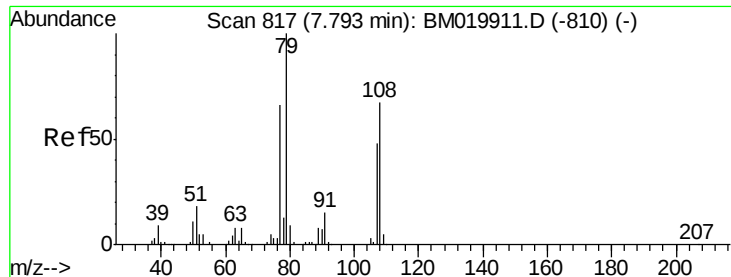
148 64.9 51.4 77.2

111 44.9 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: 37.612 ng

RT: 7.79 min Scan# 817

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

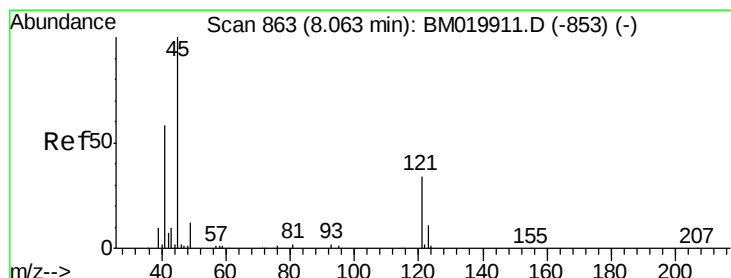
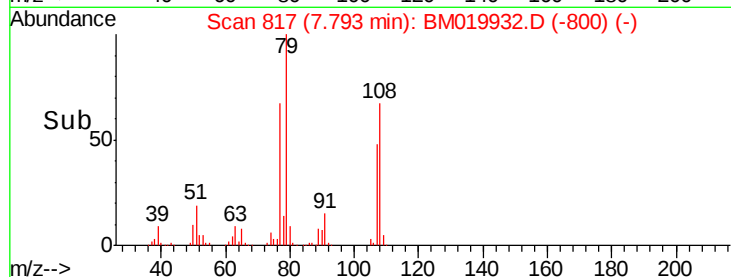
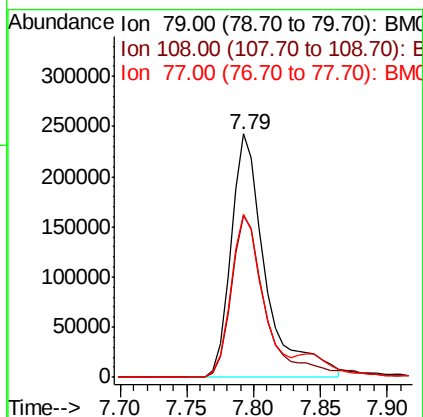
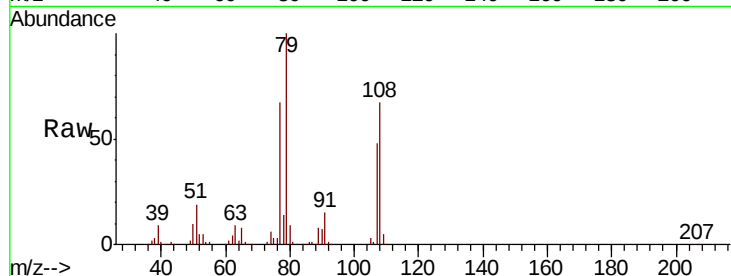
Tot Ion: 79 Resp: 439267

Ion Ratio Lower Upper

79 100

108 66.6 53.9 80.9

77 66.8 53.1 79.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.055 ng

RT: 8.06 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

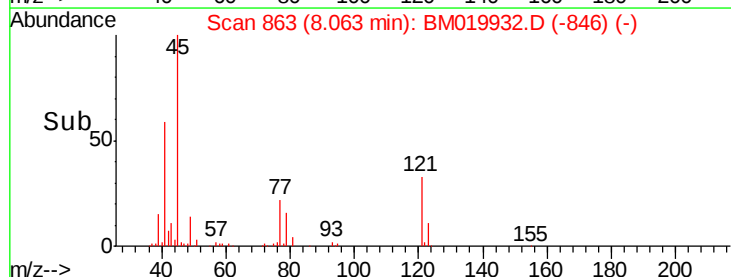
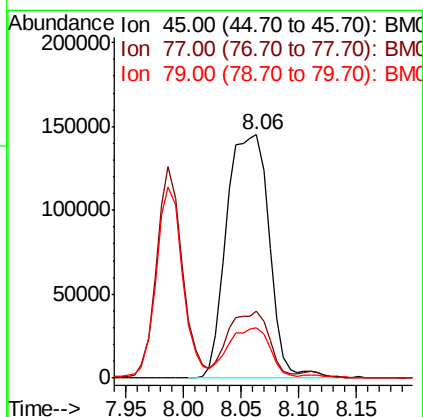
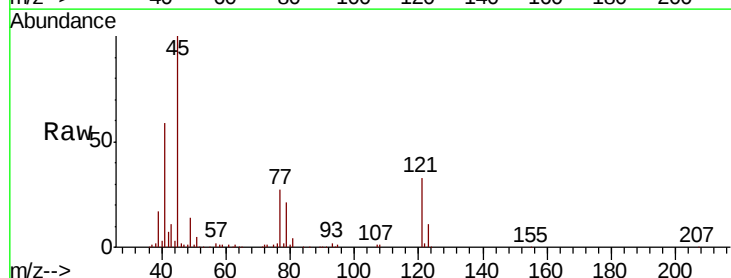
Tgt Ion: 45 Resp: 372542

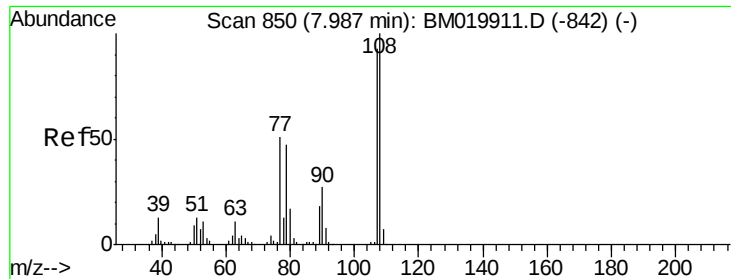
Ion Ratio Lower Upper

45 100

77 27.3 7.2 47.2

79 20.8 1.2 41.2

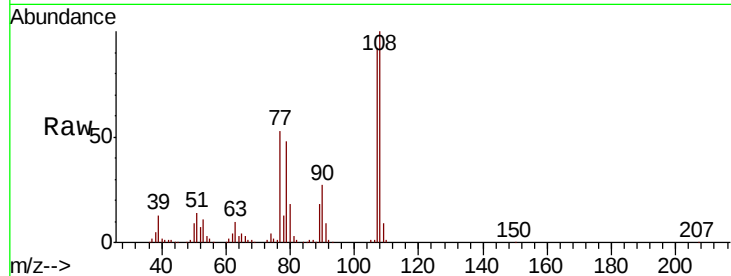




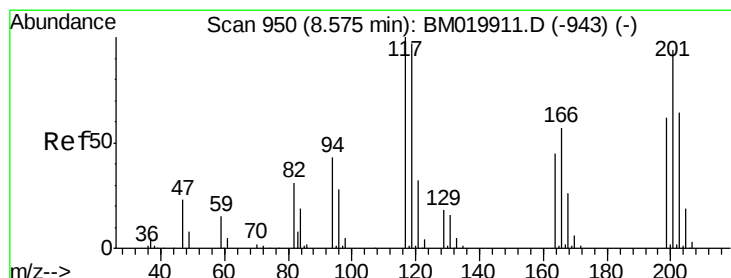
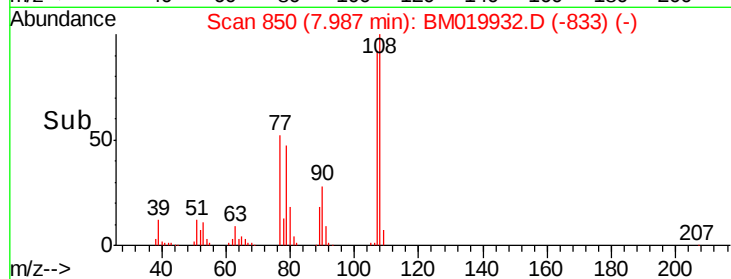
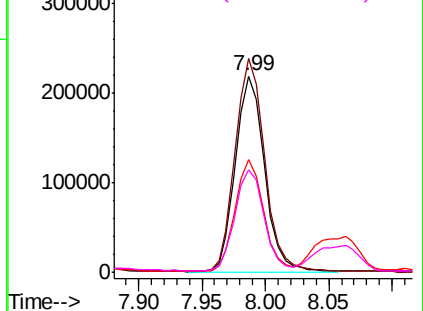
#17
2-Methylphenol
Concen: 37.449 ng
RT: 7.99 min Scan# 850
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	347880
Ion	Ratio	Lower	Upper
107	100		
108	108.9	85.9	128.9
77	57.6	43.8	65.6
79	52.2	41.1	61.7

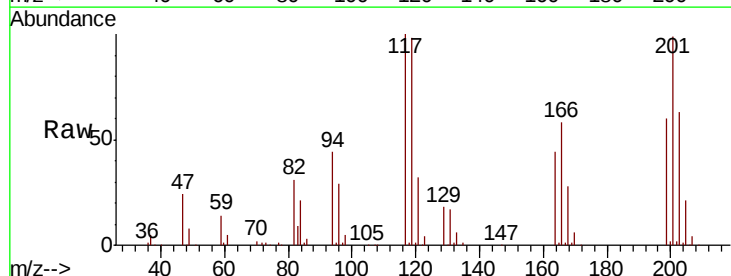


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

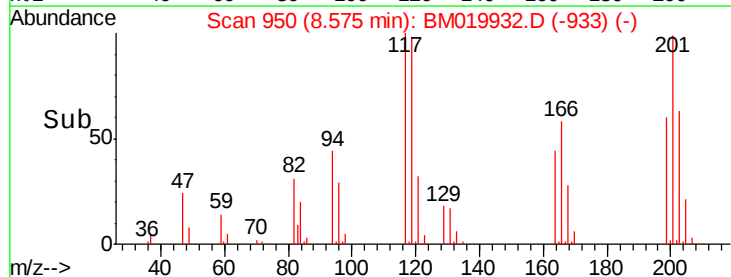
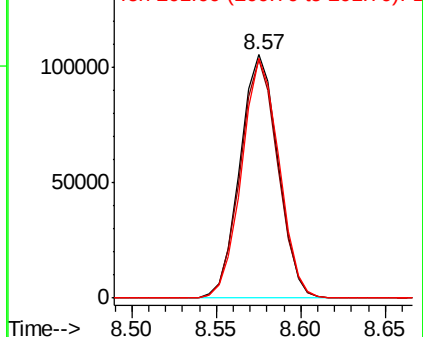


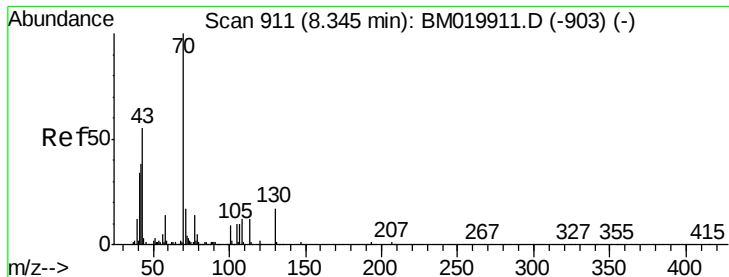
#18
Hexachloroethane
Concen: 37.744 ng
RT: 8.57 min Scan# 950
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Tgt Ion:	117	Resp:	165911
Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.6	116.4
201	98.5	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: 37.976 ng

RT: 8.35 min Scan# 911

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 428846

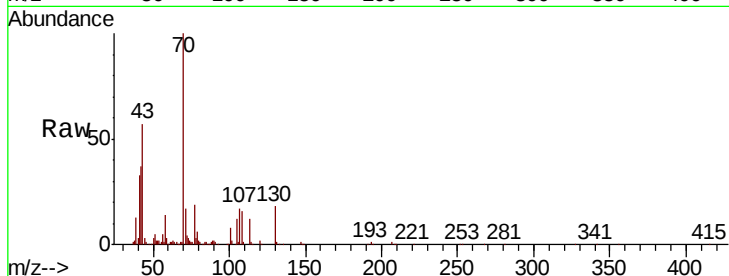
Ion Ratio Lower Upper

70 100

42 37.3 30.3 45.5

101 8.1 6.9 10.3

130 17.6 13.8 20.6

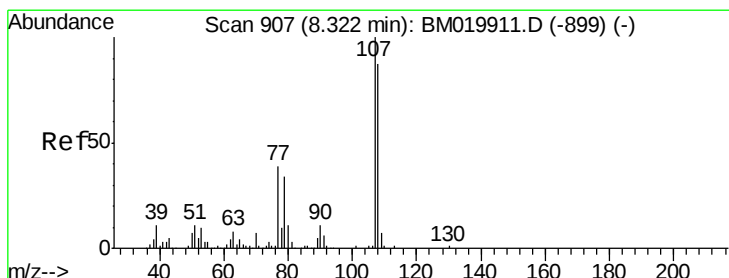
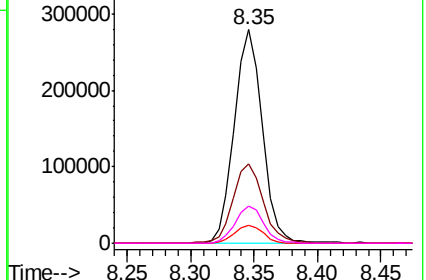
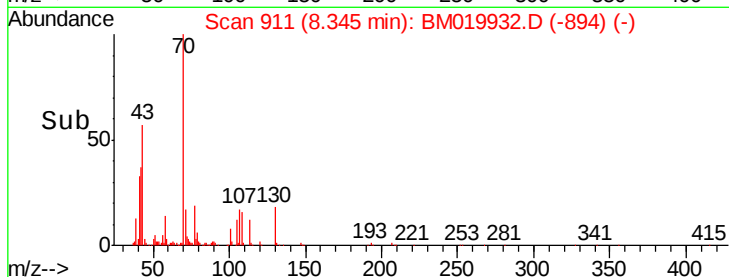


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 37.748 ng

RT: 8.32 min Scan# 907

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Tgt Ion:107 Resp: 481698

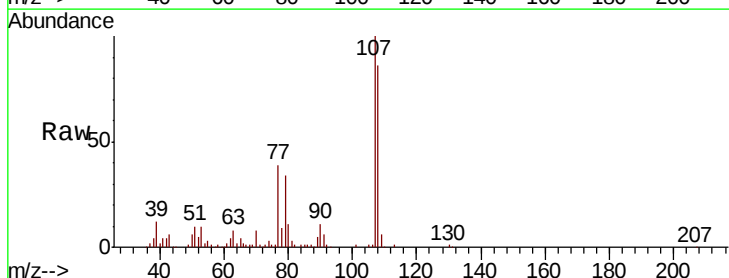
Ion Ratio Lower Upper

107 100

108 86.5 67.4 107.4

77 39.4 19.7 59.7

79 33.8 14.1 54.1

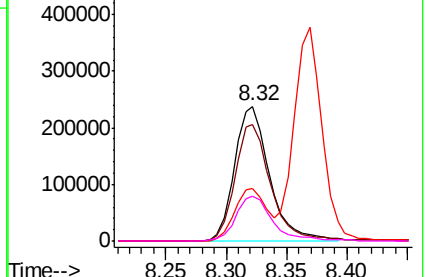
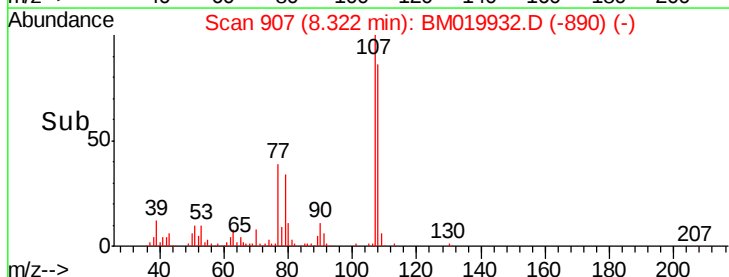


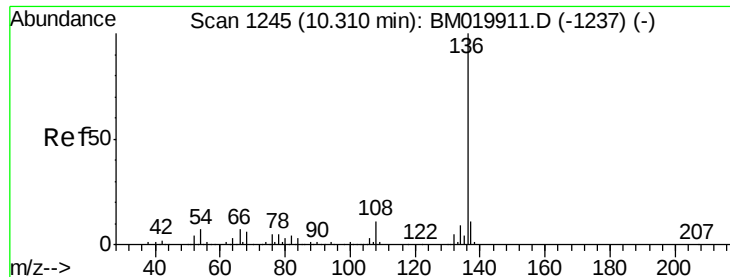
Abundance Ion 107.00 (106.70 to 107.70): E

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

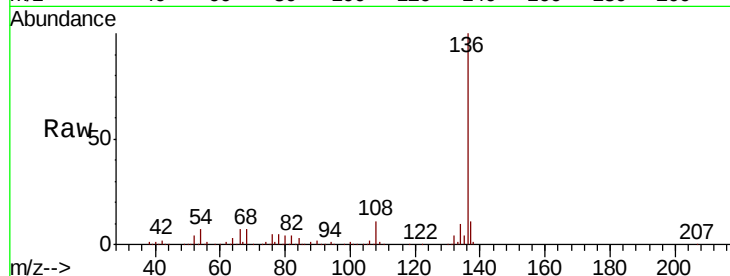




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 653721
Ion Ratio	Lower Upper
136 100	
137 11.1	9.0 13.6
54 6.6	5.3 7.9
68 6.6	5.2 7.8



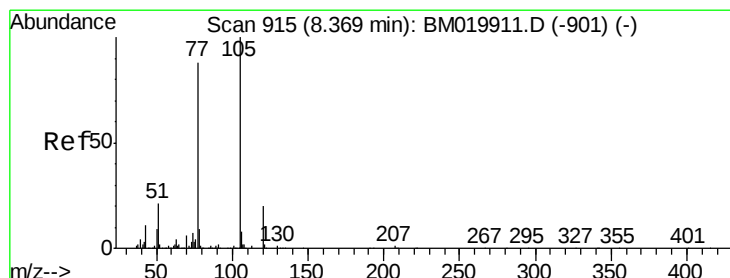
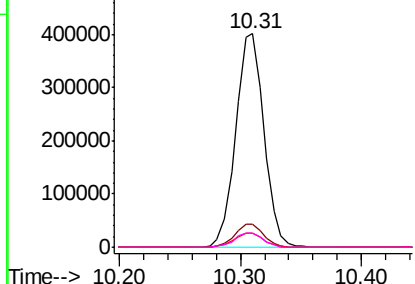
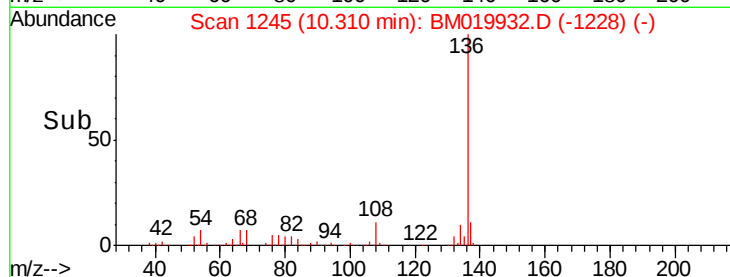
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

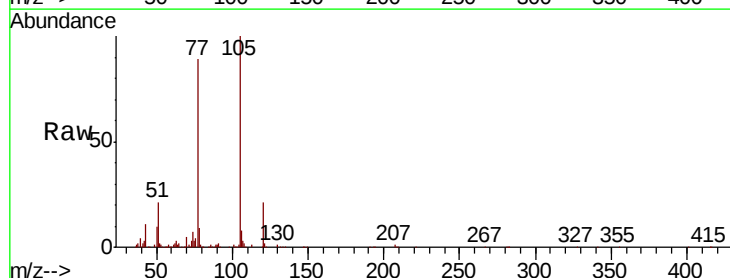
Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#22
Acetophenone
Concen: 37.990 ng
RT: 8.37 min Scan# 915
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Tgt	Ion:105	Resp:	676427
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.8	1.2
51	20.7	16.9	25.3
120	21.0	16.4	24.6



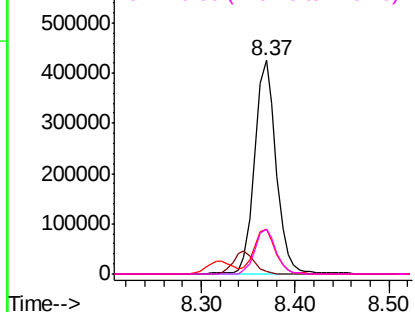
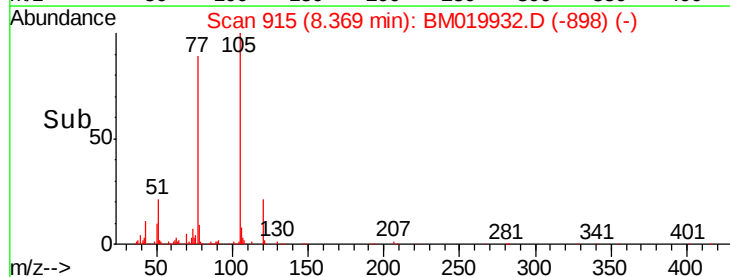
Abundance

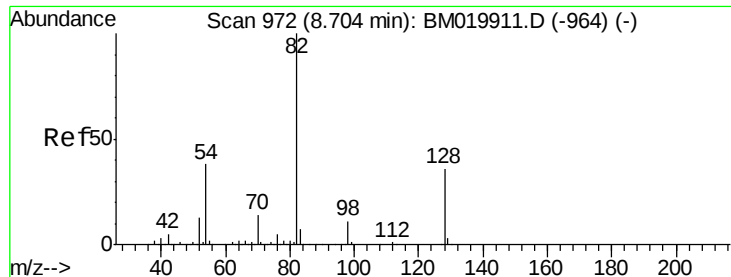
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E

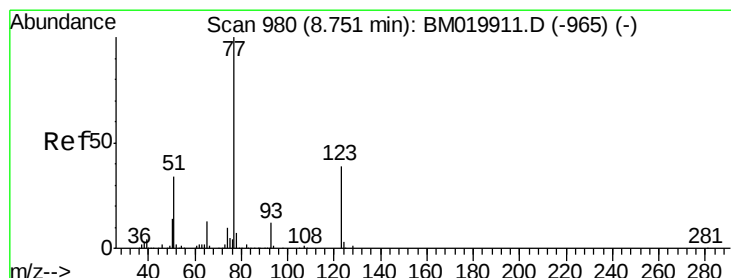
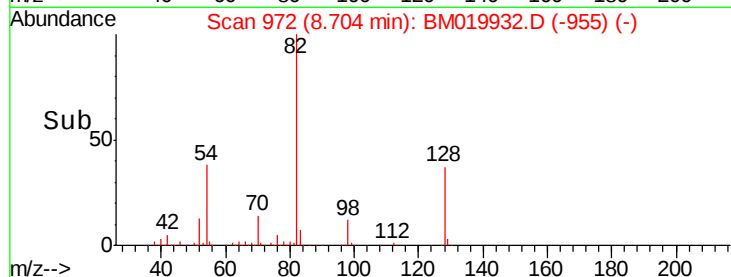
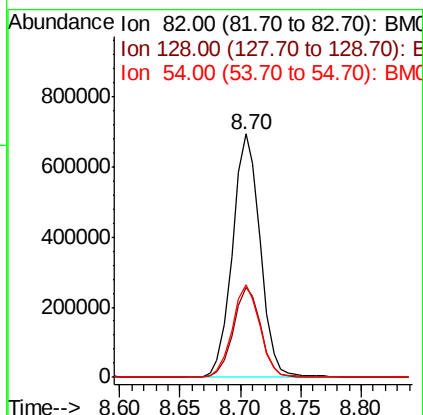
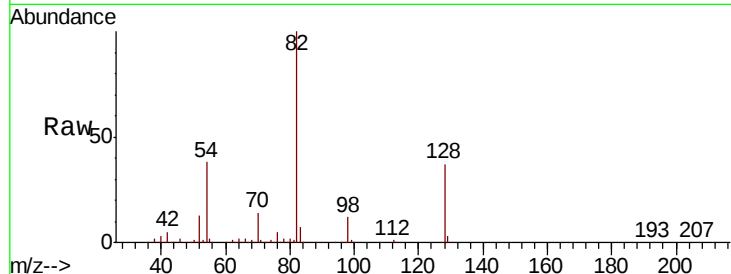




#23
 Nitrobenzene-d5
 Concen: 75.976 ng
 RT: 8.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BM019932.D
 Acq: 16 Apr 2019 15:35

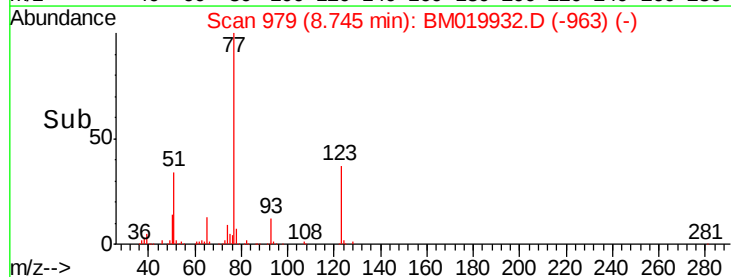
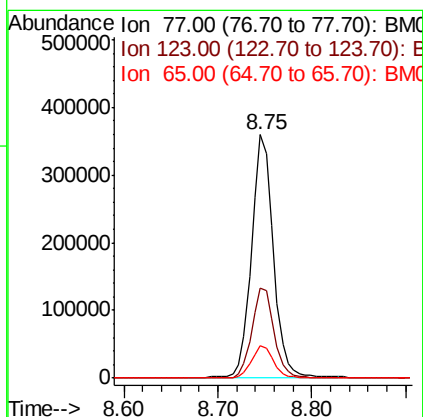
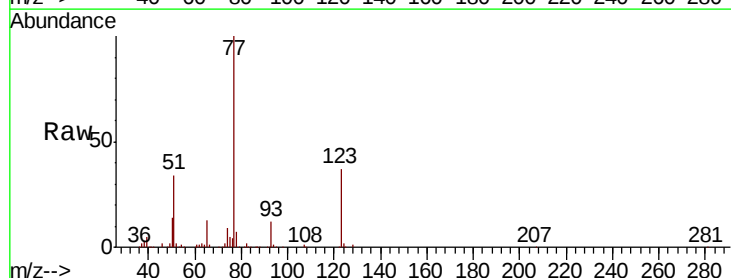
Instrument :
 BNA_M
 ClientSampleId :

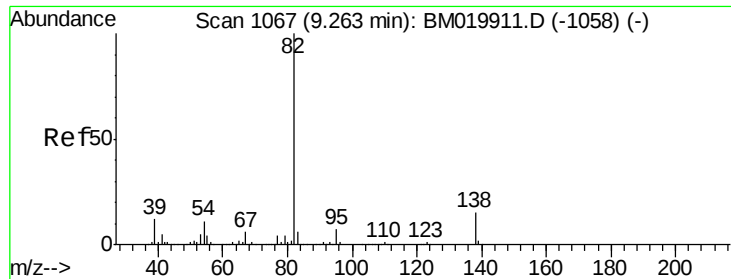
Tot Ion: 82 Resp: 1110588
 Ion Ratio Lower Upper
 82 100
 128 37.1 29.0 43.4
 54 37.9 30.2 45.4



#24
 Nitrobenzene
 Concen: 38.310 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019932.D
 Acq: 16 Apr 2019 15:35

Tgt Ion: 77 Resp: 580117
 Ion Ratio Lower Upper
 77 100
 123 36.9 31.0 46.4
 65 13.4 10.6 16.0

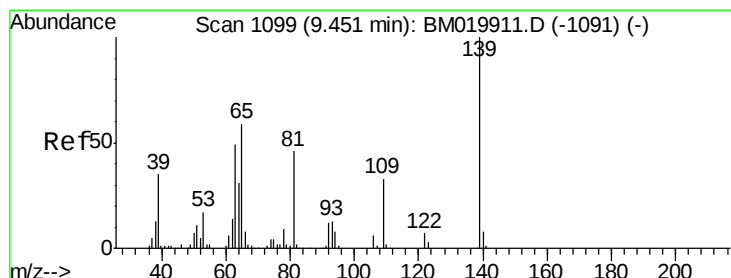
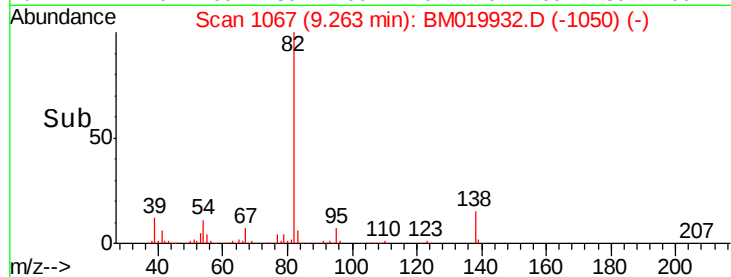
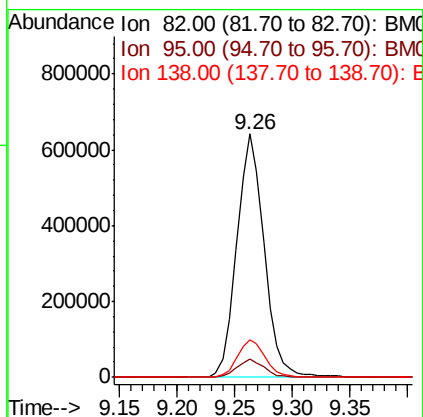
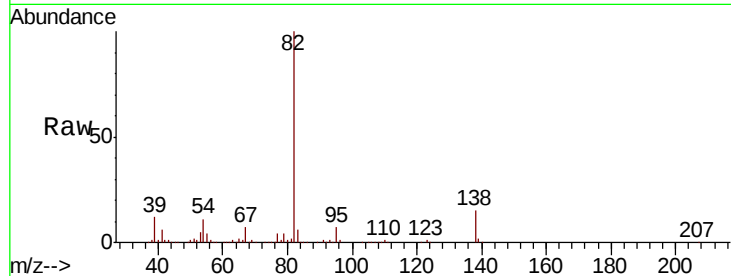




#25
Isophorone
Concen: 37.138 ng
RT: 9.26 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

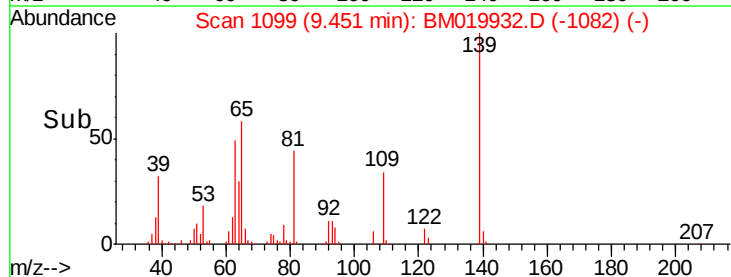
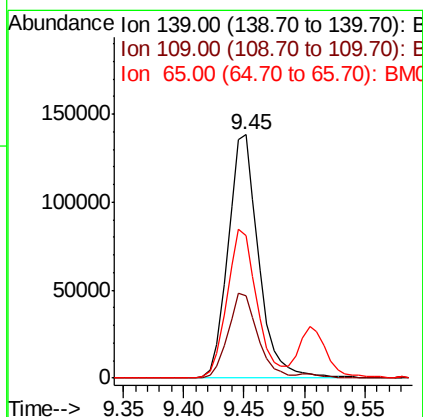
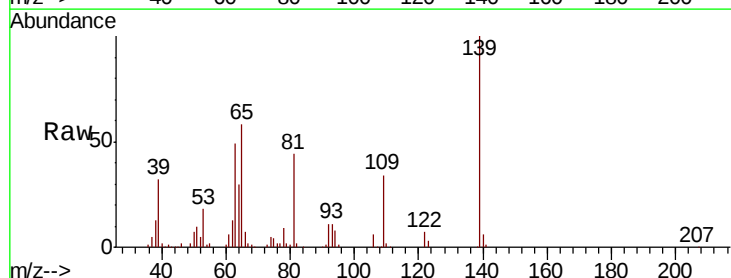
Instrument :
BNA_M
ClientSampleId :

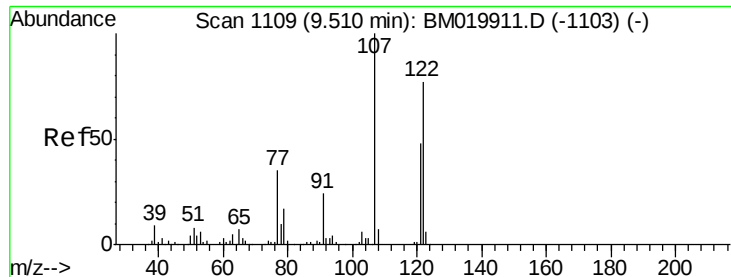
Tot Ion: 82 Resp: 1056760
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 15.3 12.2 18.2



#26
2-Nitrophenol
Concen: 37.691 ng
RT: 9.45 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Tgt Ion: 139 Resp: 243223
Ion Ratio Lower Upper
139 100
109 33.8 26.3 39.5
65 58.3 47.4 71.2

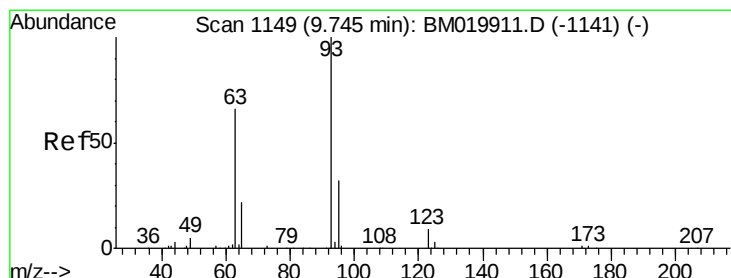
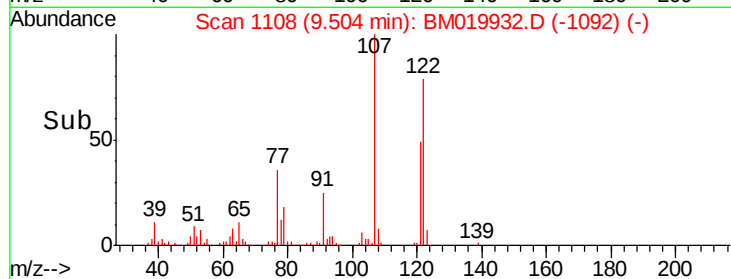
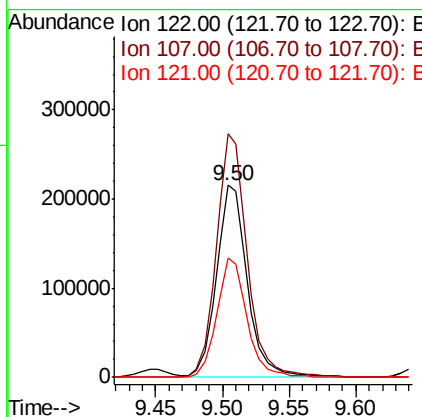
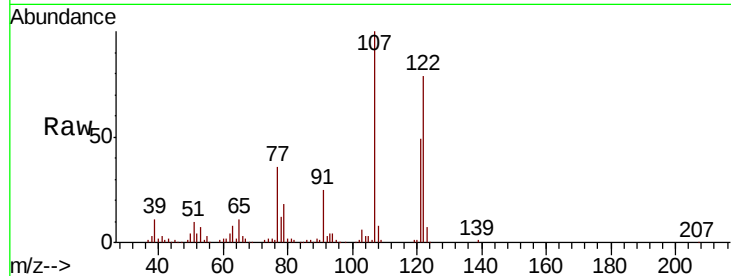




#27
 2,4-Dimethylphenol
 Concen: 37.770 ng
 RT: 9.50 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BM019932.D
 Acq: 16 Apr 2019 15:35

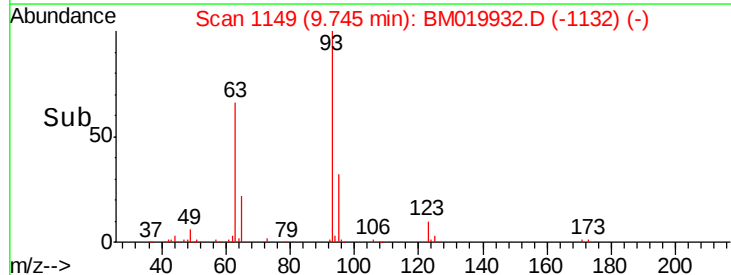
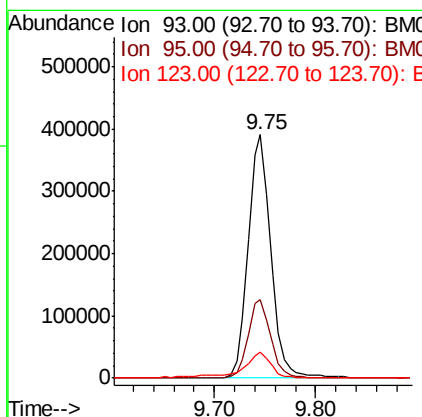
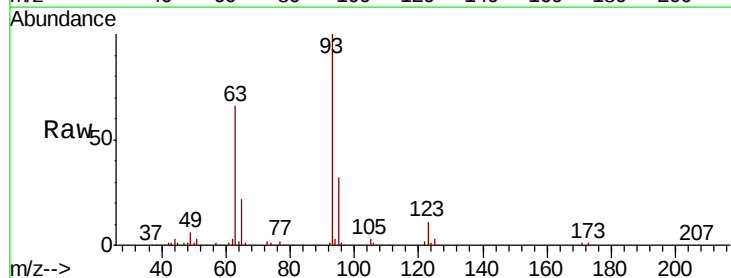
Instrument :
 BNA_M
 ClientSampleId :

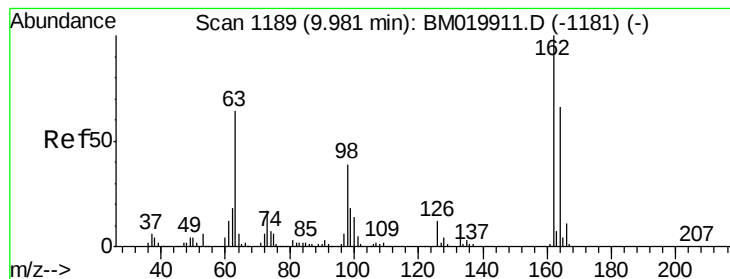
Tot Ion:122 Resp: 344618
 Ion Ratio Lower Upper
 122 100
 107 126.8 103.1 154.7
 121 62.2 49.8 74.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.000 ng
 RT: 9.75 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BM019932.D
 Acq: 16 Apr 2019 15:35

Tgt Ion: 93 Resp: 605482
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.8 38.8
 123 10.6 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 38.185 ng

RT: 9.97 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

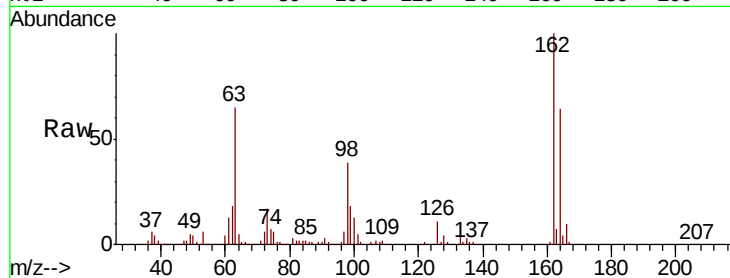
Tot Ion:162 Resp: 395691

Ion Ratio Lower Upper

162 100

164 63.7 46.3 86.3

98 39.1 19.2 59.2

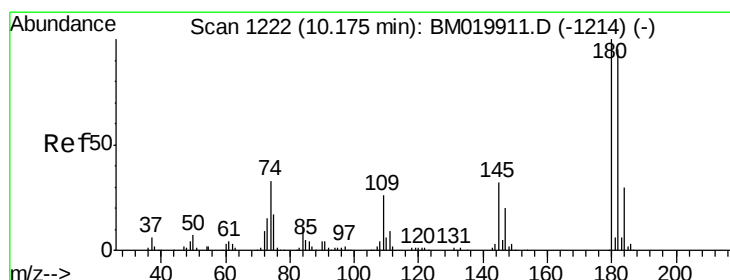
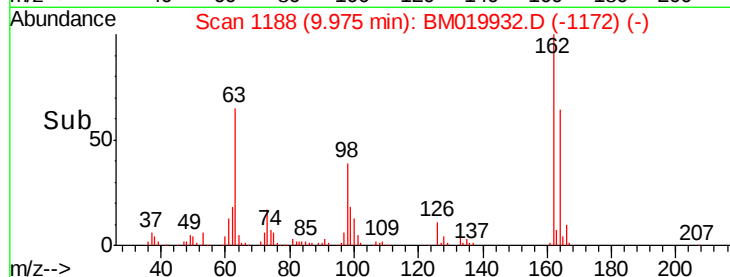
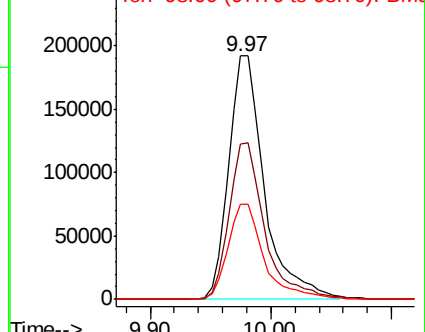


Abundance

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: 37.843 ng

RT: 10.17 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

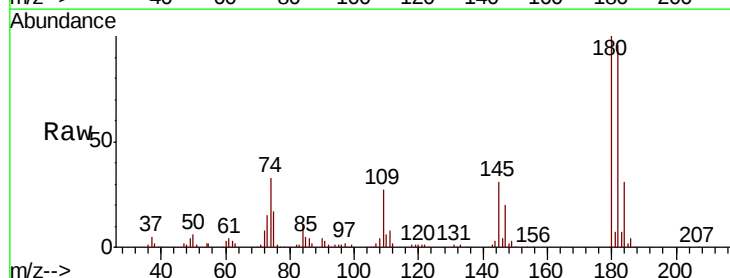
Tgt Ion:180 Resp: 422066

Ion Ratio Lower Upper

180 100

182 96.1 76.3 114.5

145 31.1 25.5 38.3

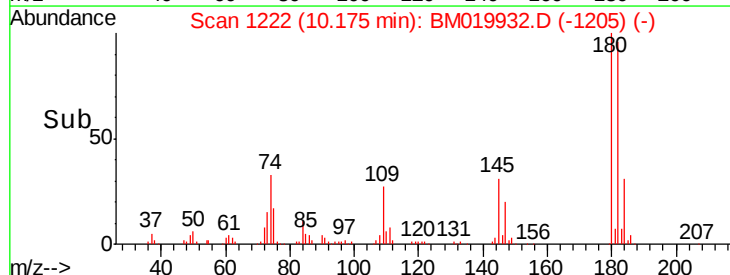
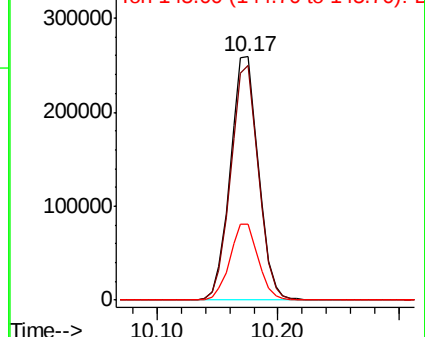


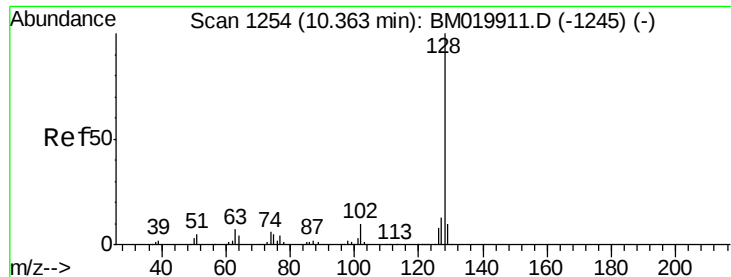
Abundance

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

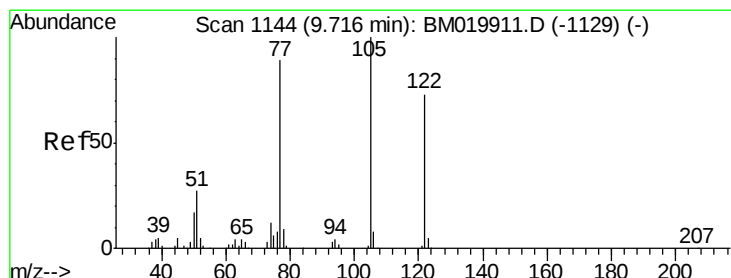
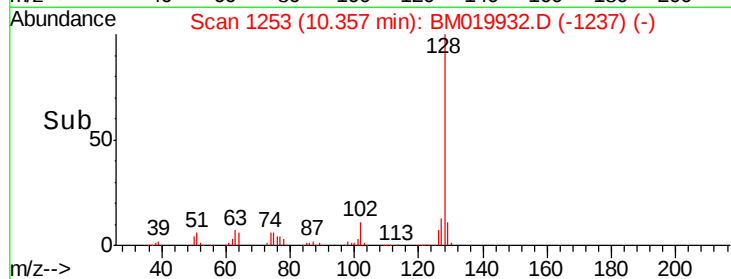
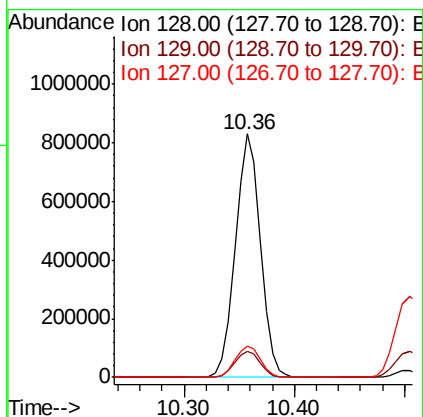
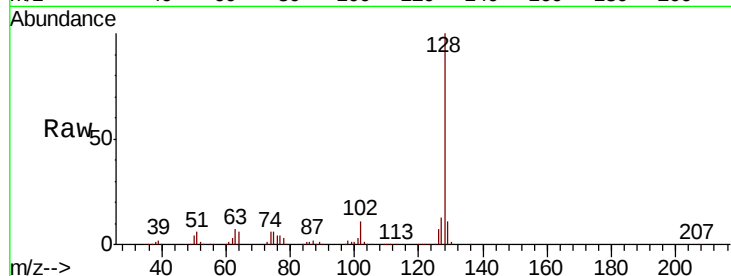




#31
Naphthalene
Concen: 37.657 ng
RT: 10.36 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

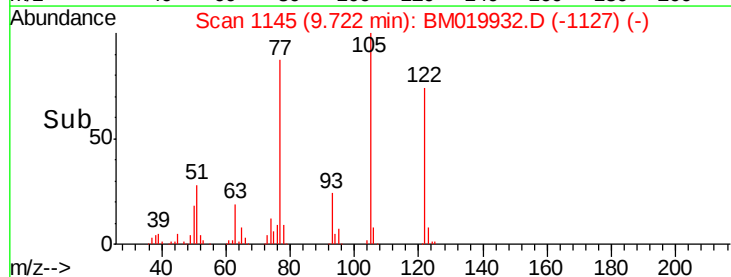
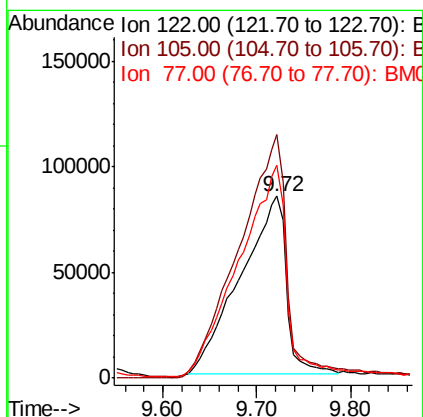
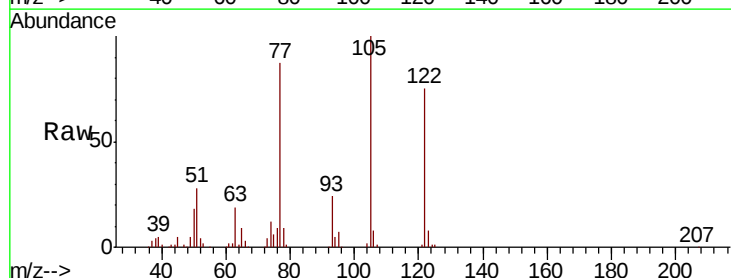
Instrument :
BNA_M
ClientSampleId :

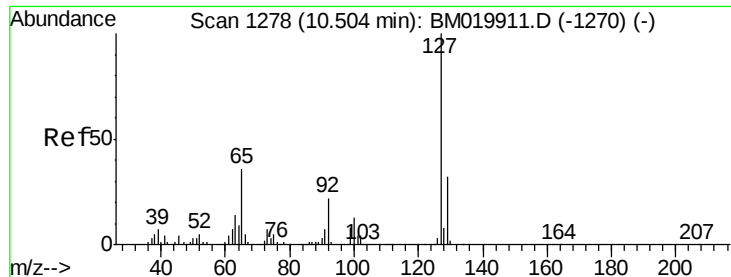
Tot Ion:128 Resp: 1320390
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 34.444 ng
RT: 9.72 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Tgt Ion:122 Resp: 282277
Ion Ratio Lower Upper
122 100
105 134.0 114.8 154.8
77 117.1 100.2 140.2

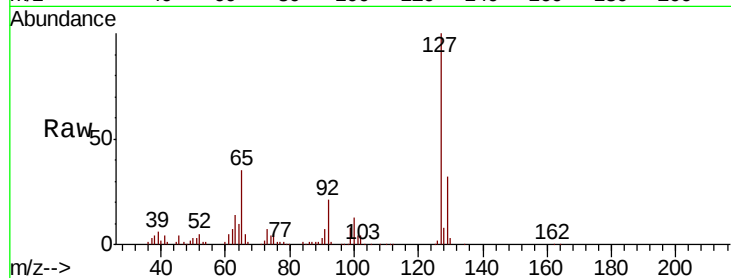




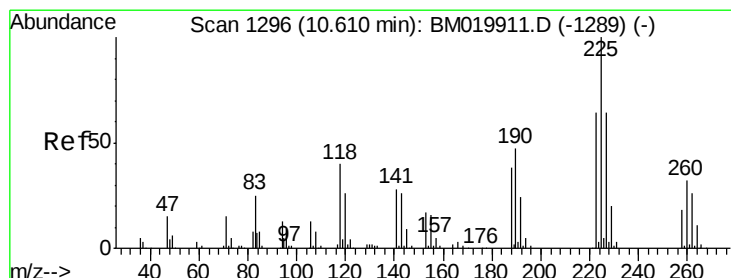
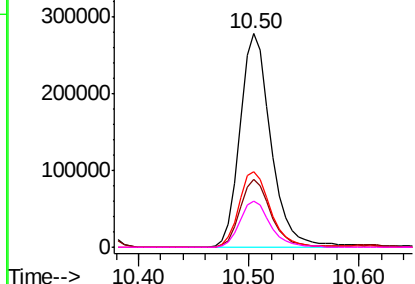
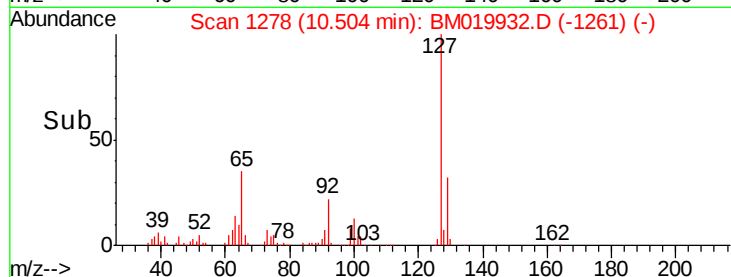
#33
4-Chloroaniline
Concen: 37.954 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	548234
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.0
65	35.4	29.2	43.8
92	21.5	17.5	26.3

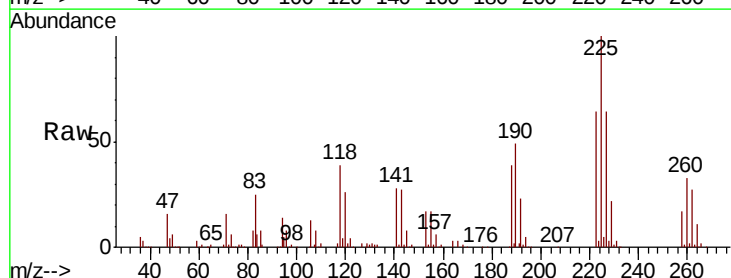


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

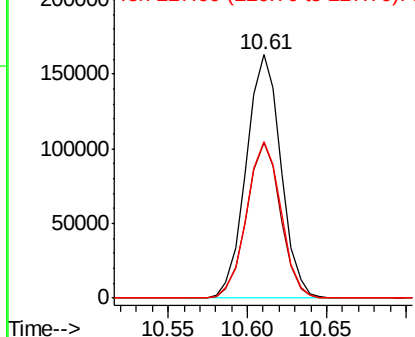
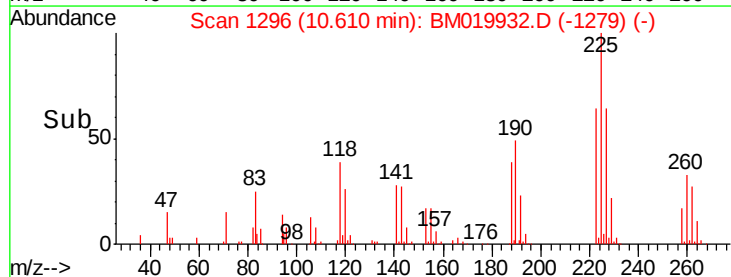


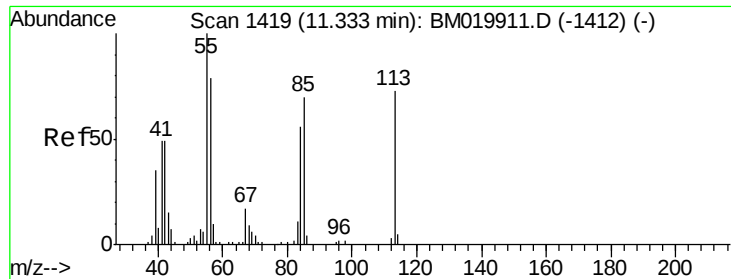
#34
Hexachlorobutadiene
Concen: 37.638 ng
RT: 10.61 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Tgt Ion:	225	Resp:	247577
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.4	77.2
227	64.2	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: 32.609 ng

RT: 11.33 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

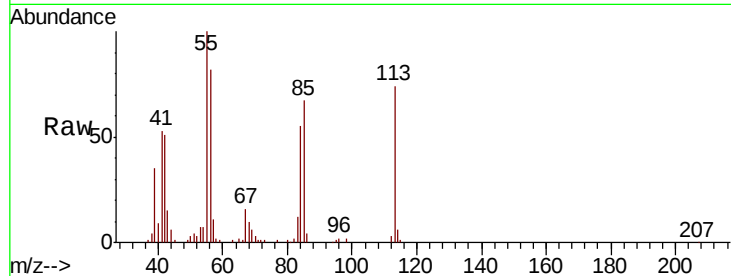
Tot Ion:113 Resp: 127908

Ion Ratio Lower Upper

113 100

55 135.7 117.1 157.1

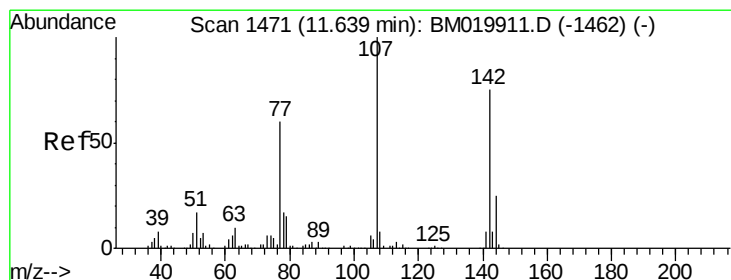
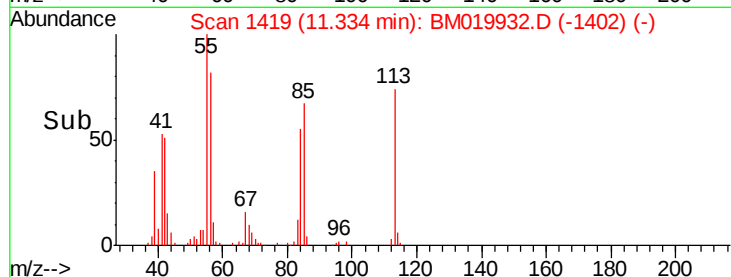
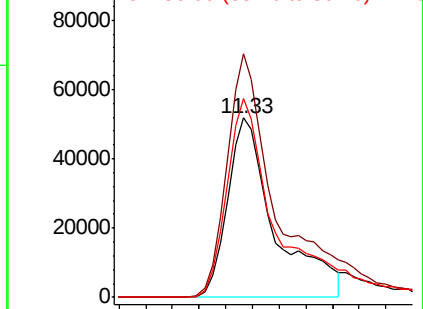
56 110.9 88.2 128.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 37.734 ng

RT: 11.63 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

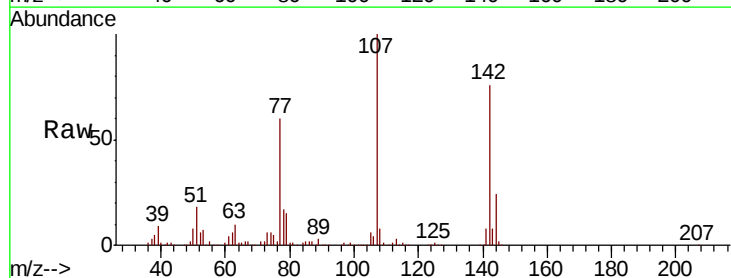
Tgt Ion:107 Resp: 485857

Ion Ratio Lower Upper

107 100

144 24.4 19.8 29.8

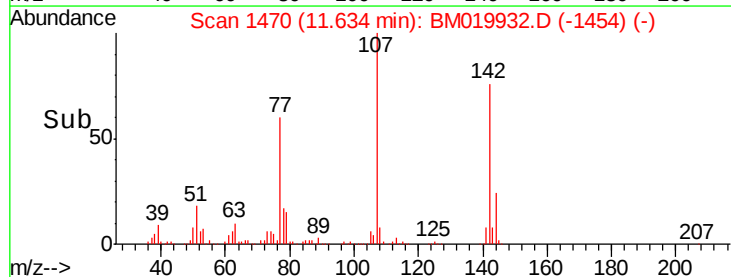
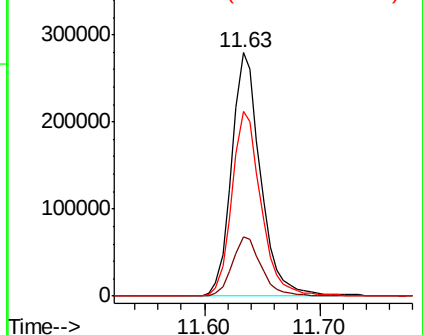
142 75.7 60.3 90.5

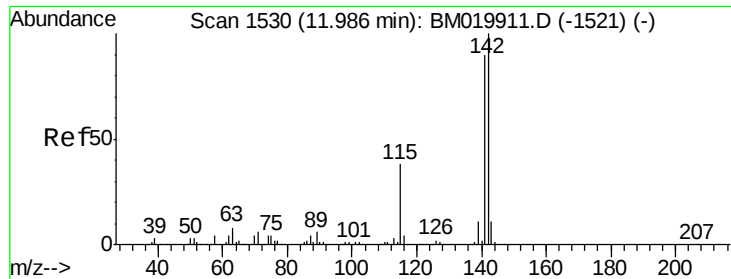


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

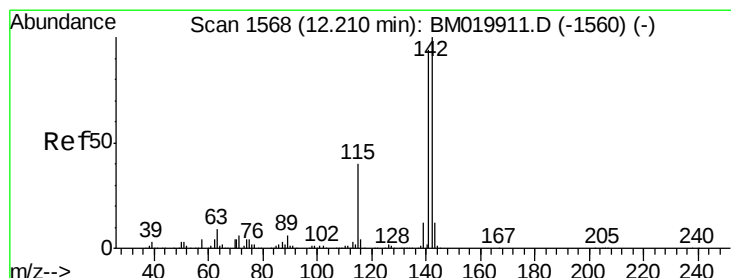
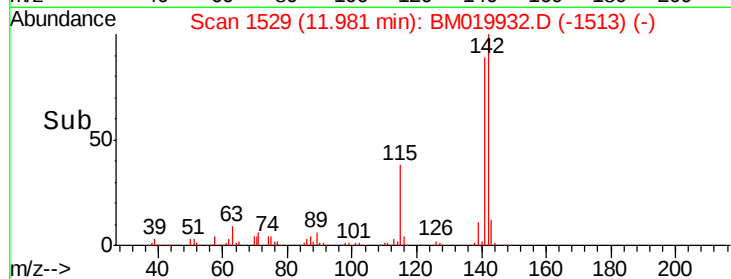
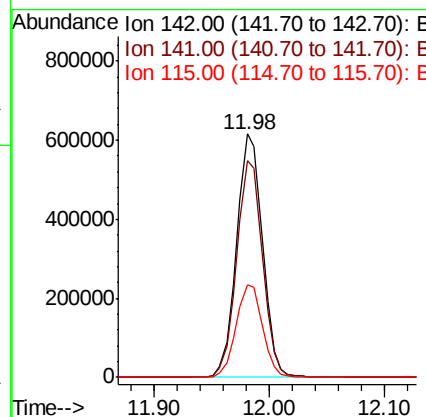
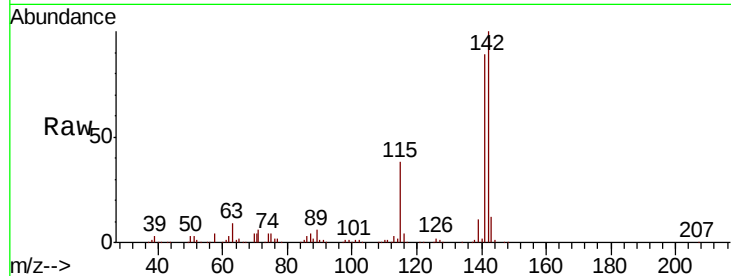




#37
2-Methylnaphthalene
Concen: 37.649 ng
RT: 11.98 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

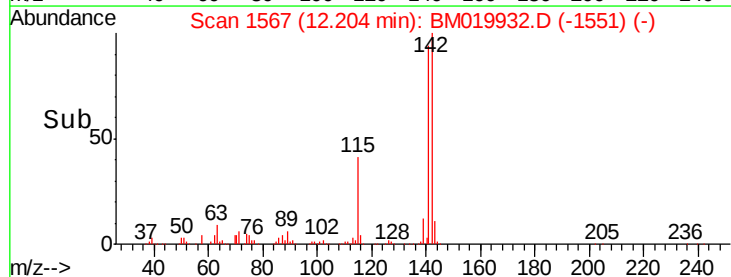
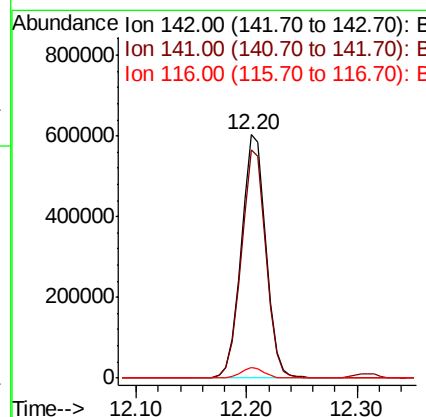
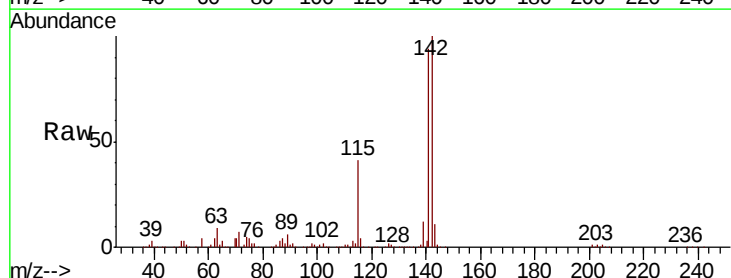
Instrument :
BNA_M
ClientSampleId :

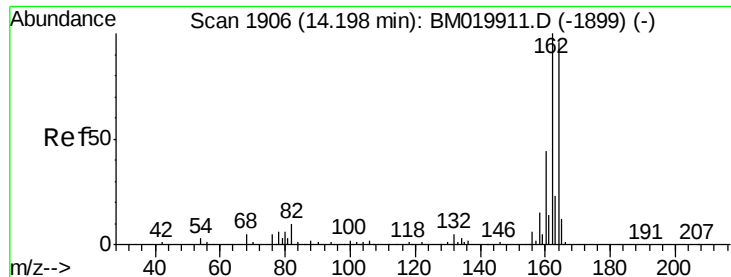
Tot Ion:142 Resp: 961078
Ion Ratio Lower Upper
142 100
141 89.2 72.3 108.5
115 37.8 30.5 45.7



#38
1-Methylnaphthalene
Concen: 37.421 ng
RT: 12.20 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Tgt Ion:142 Resp: 943198
Ion Ratio Lower Upper
142 100
141 93.6 75.7 113.5
116 4.4 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: BM019932.D

Acq: 16 Apr 2019 15:35

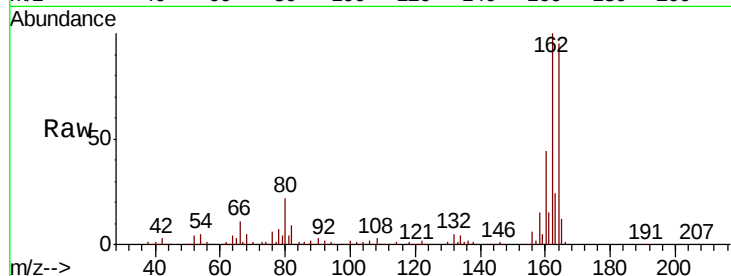
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 394347

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.0	124.4
160	46.0	36.6	55.0

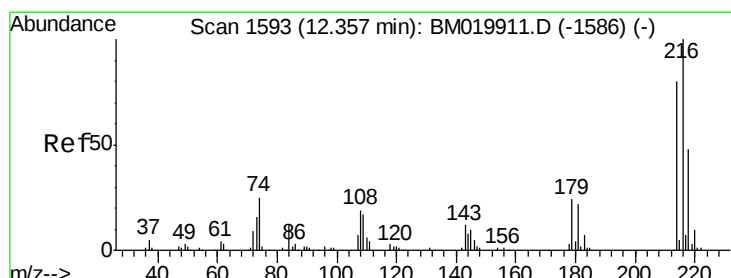
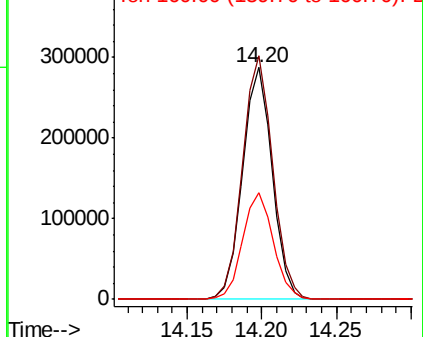
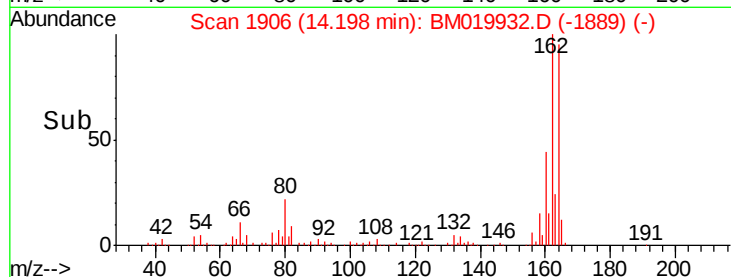


Abundance

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: 37.729 ng

RT: 12.36 min Scan# 1593

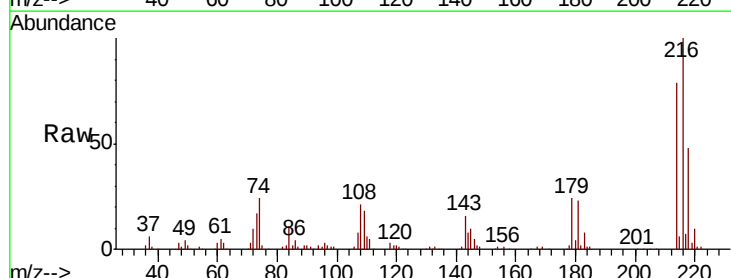
Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Tgt Ion:216 Resp: 458994

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.1	94.7
179	23.4	19.0	28.6
108	20.5	16.3	24.5



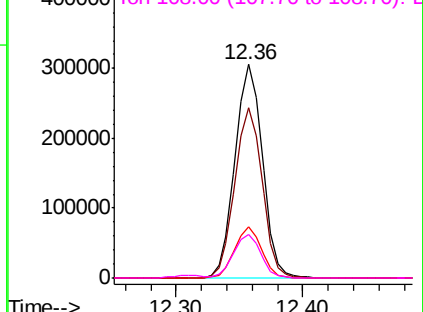
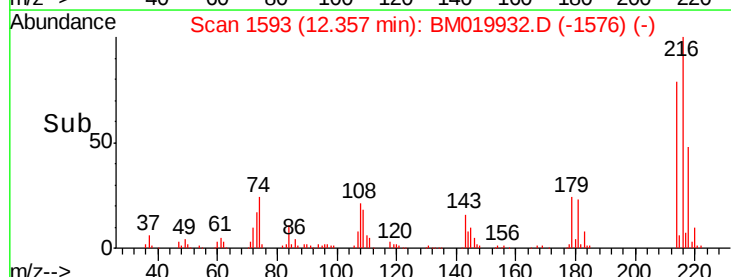
Abundance

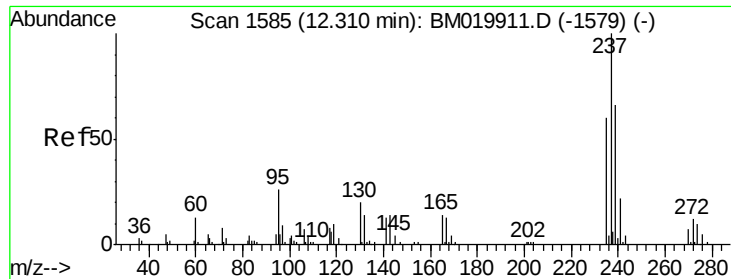
Ion 216.00 (215.70 to 216.70): E

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: 36.583 ng

RT: 12.31 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampled :

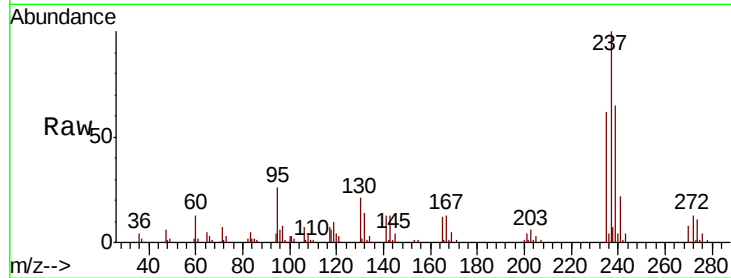
Tot Ion:237 Resp: 125645

Ion Ratio Lower Upper

237 100

235 61.8 40.4 80.4

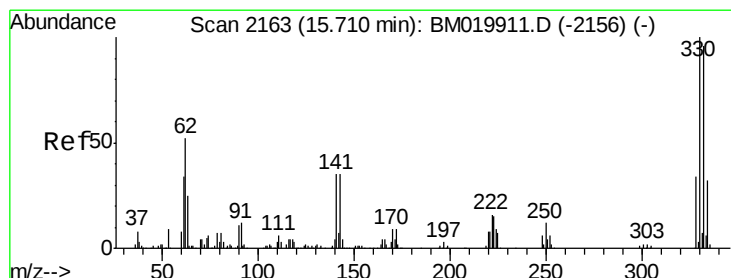
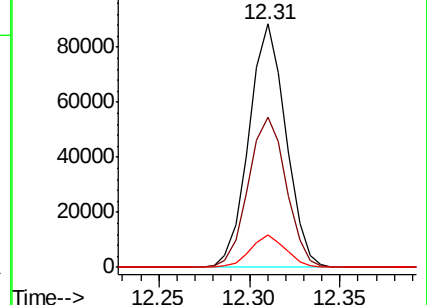
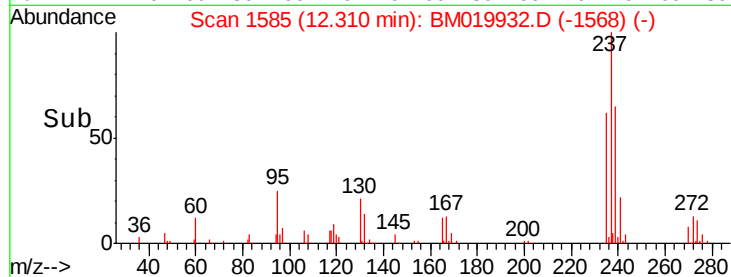
272 13.1 0.0 32.3



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: 73.488 ng

RT: 15.71 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

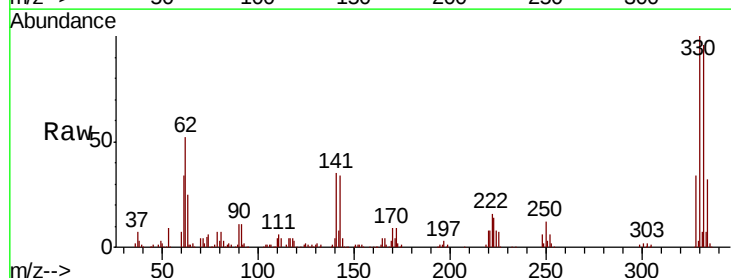
Tgt Ion:330 Resp: 466495

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

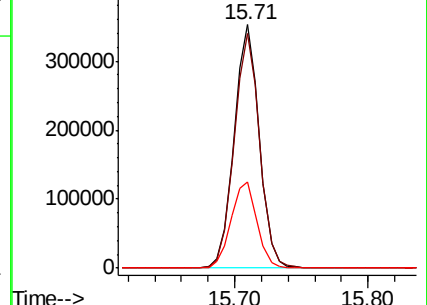
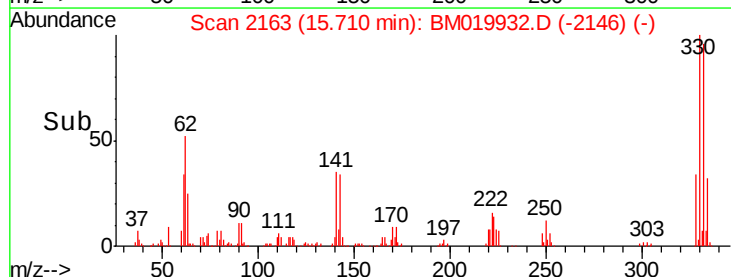
141 36.7 29.0 43.4

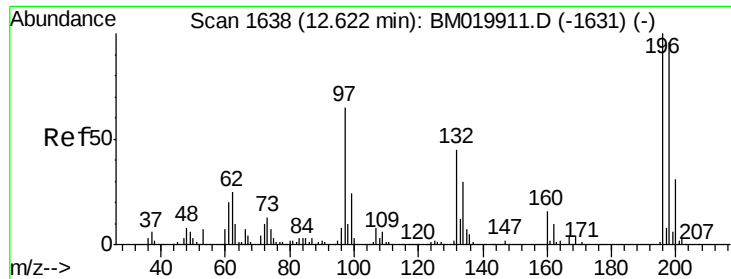


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

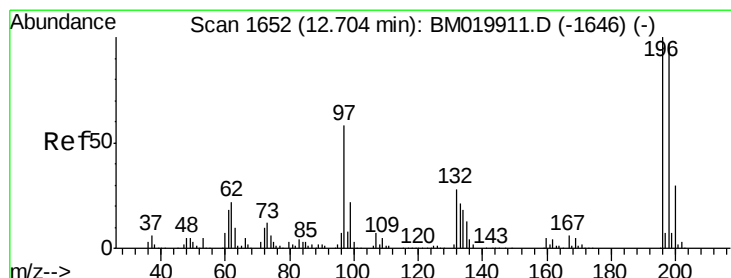
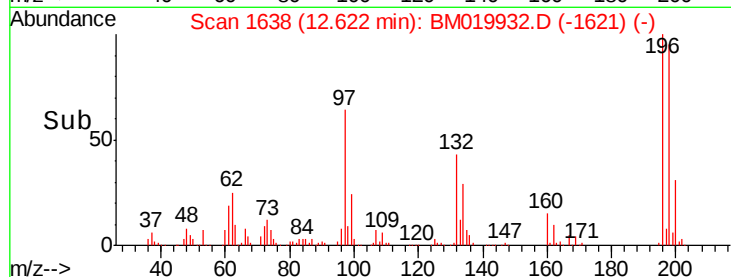
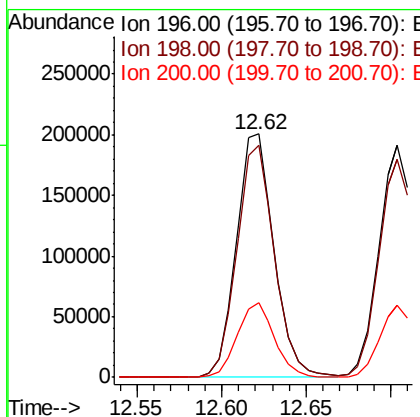
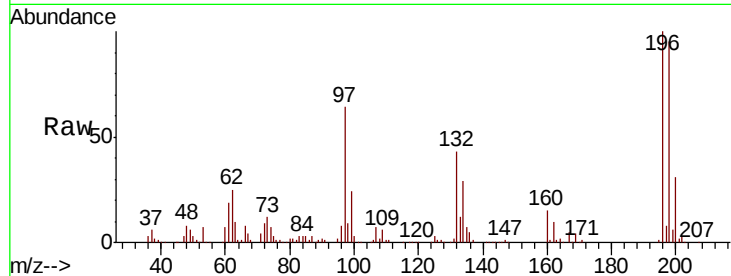




#43
 2,4,6-Trichlorophenol
 Concen: 37.719 ng
 RT: 12.62 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BM019932.D
 Acq: 16 Apr 2019 15:35

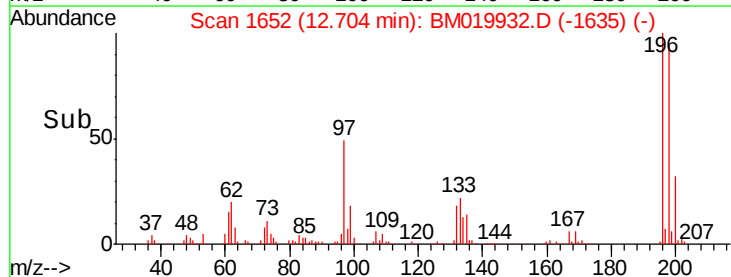
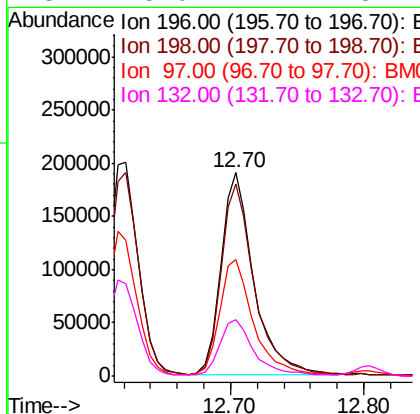
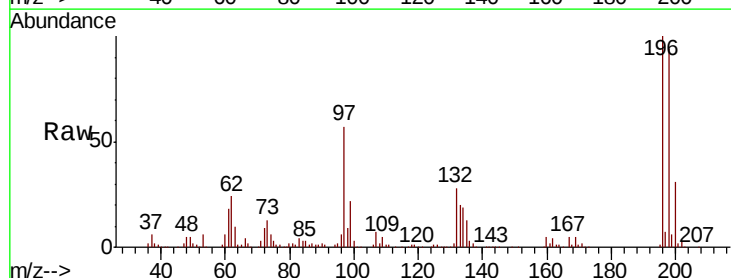
Instrument :
 BNA_M
 ClientSampleId :

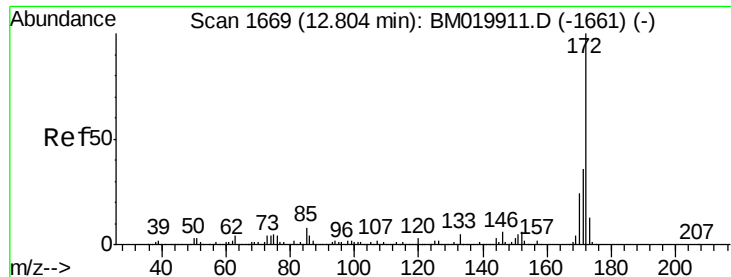
Tot Ion:196 Resp: 311101
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.8 115.2
 200 30.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 37.722 ng
 RT: 12.70 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BM019932.D
 Acq: 16 Apr 2019 15:35

Tgt Ion:196 Resp: 323818
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.8 116.8
 97 57.0 46.2 69.2
 132 28.0 22.7 34.1



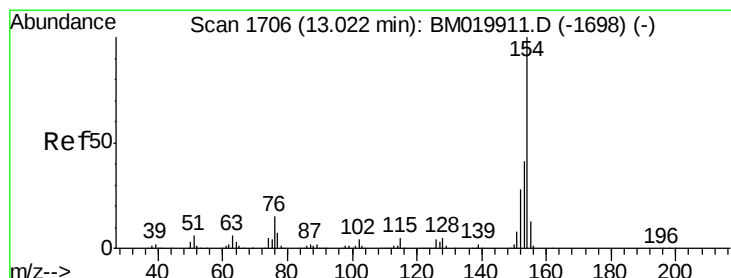
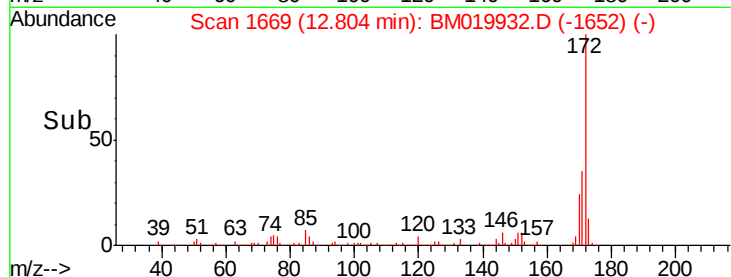
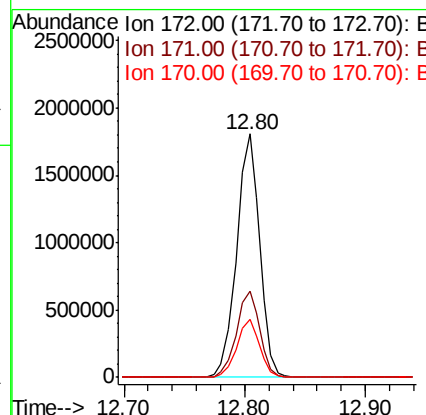
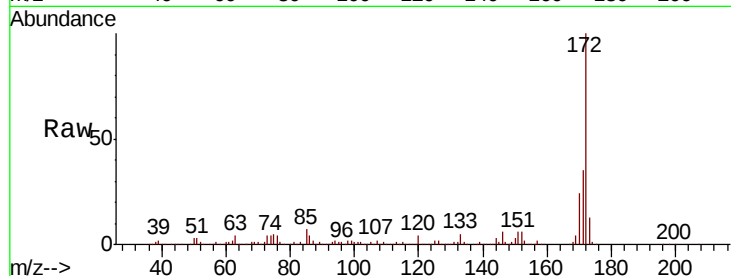


#45
 2-Fluorobiphenyl
 Concen: 75.823 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BM019932.D
 Acq: 16 Apr 2019 15:35

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion:172 Resp: 2399273

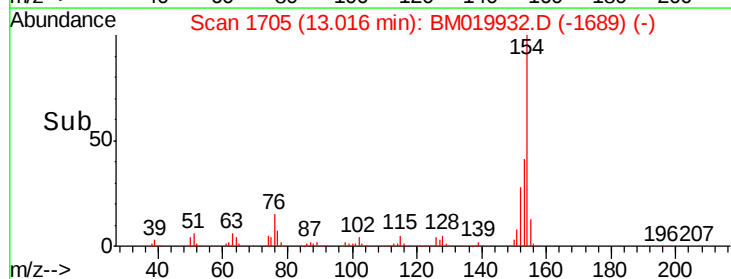
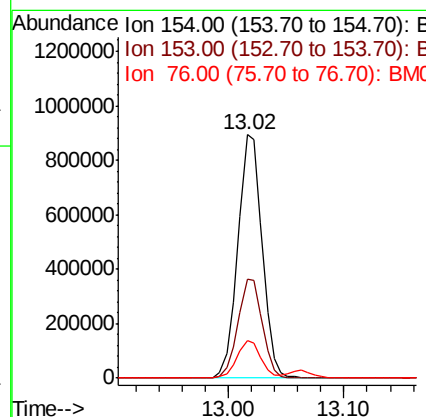
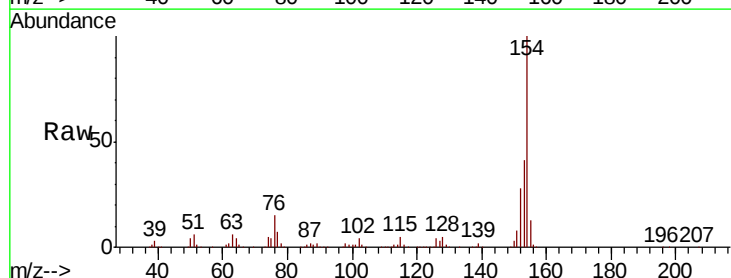
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.8	19.0	28.4

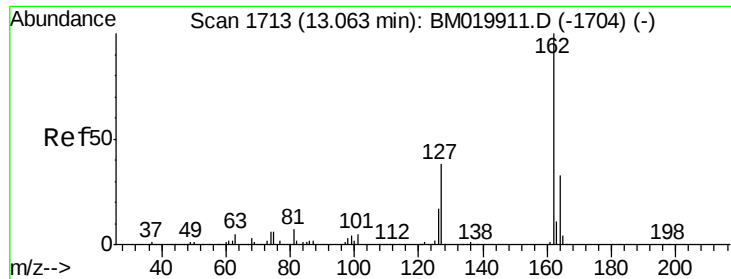


#46
 1,1'-Biphenyl
 Concen: 37.966 ng
 RT: 13.02 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM019932.D
 Acq: 16 Apr 2019 15:35

Tgt Ion:154 Resp: 1296756

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.0	61.0
76	15.3	0.0	34.8

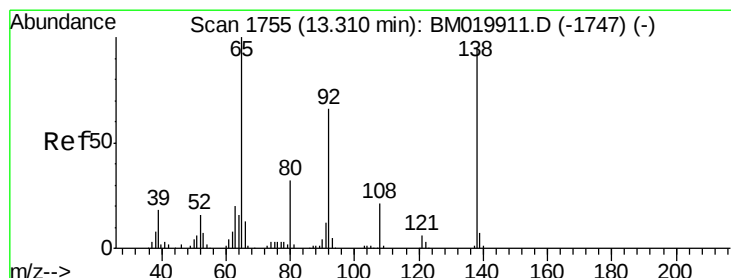
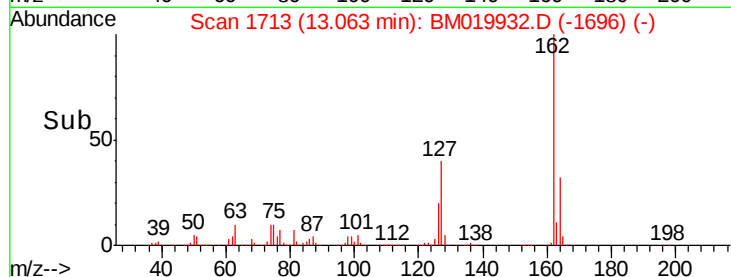
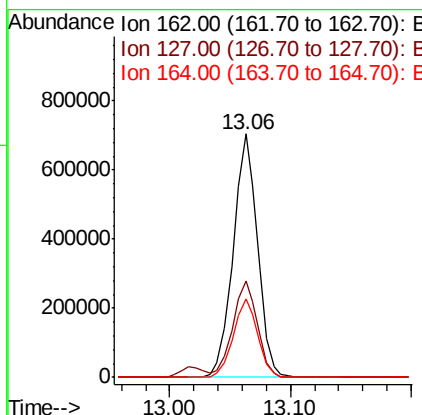
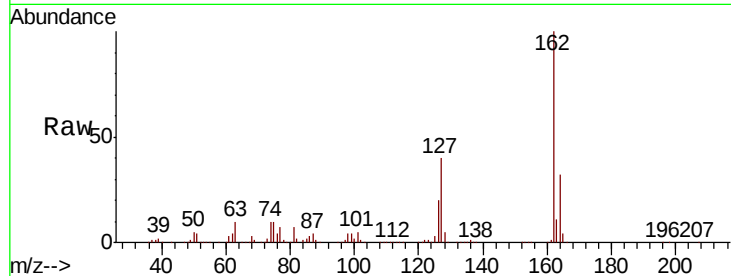




#47
2-Chloronaphthalene
Concen: 37.923 ng
RT: 13.06 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

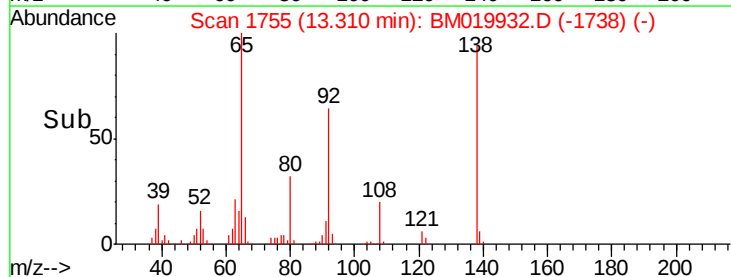
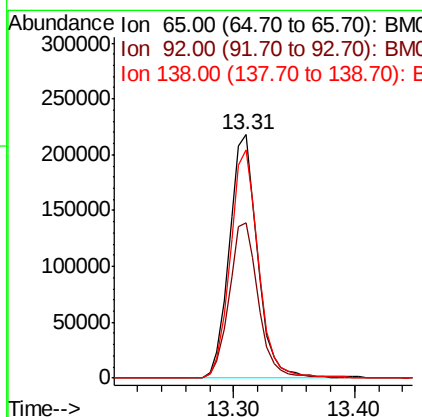
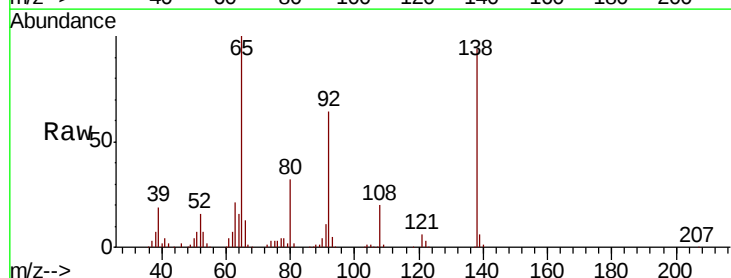
Instrument :
BNA_M
ClientSampleId :

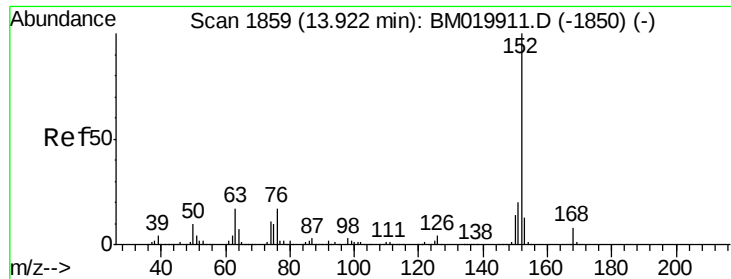
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.3	48.5
164	32.2	26.3	39.5



#48
2-Nitroaniline
Concen: 37.718 ng
RT: 13.31 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	52.9	79.3
138	93.5	75.8	113.6





#49

Acenaphthylene

Concen: 37.466 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

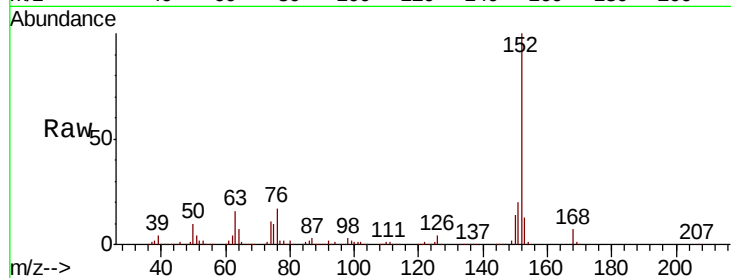
Tot Ion:152 Resp: 1698314

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

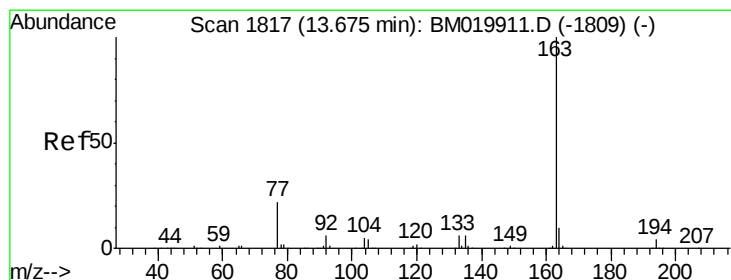
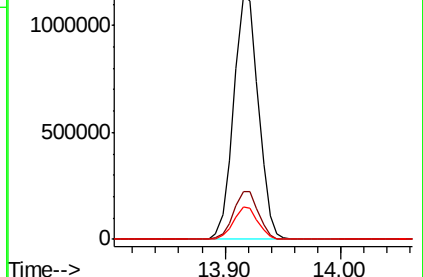
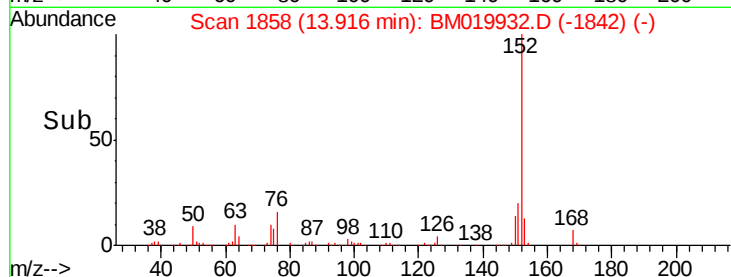
153 13.2 10.6 16.0



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: 37.578 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

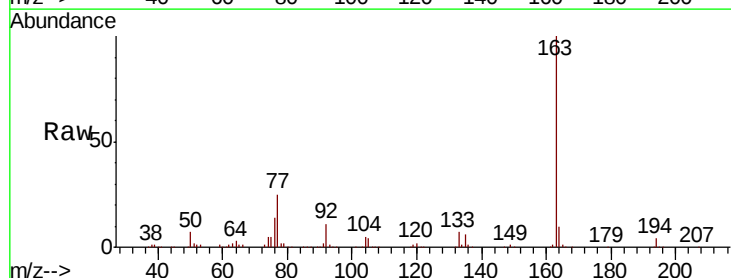
Tgt Ion:163 Resp: 1307123

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

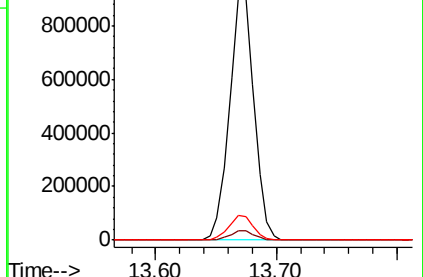
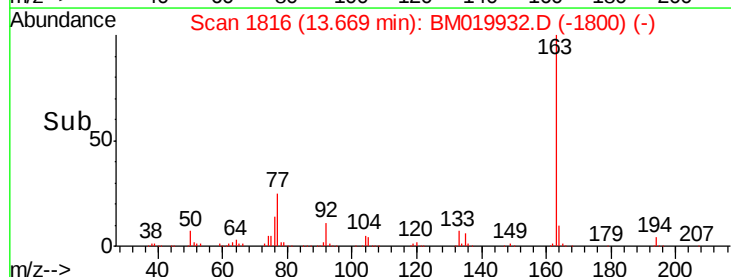
164 10.3 7.9 11.9

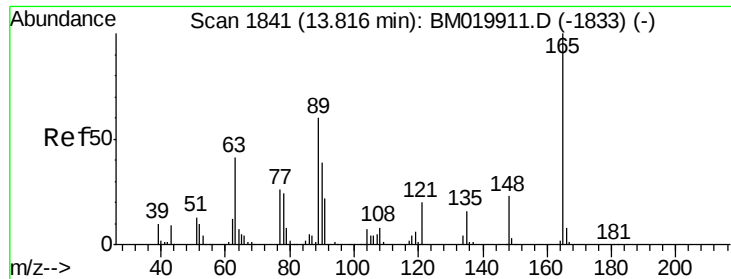


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

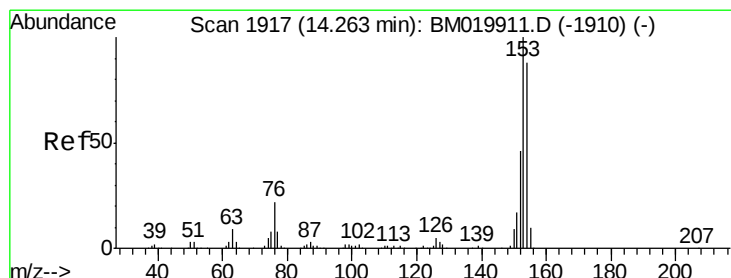
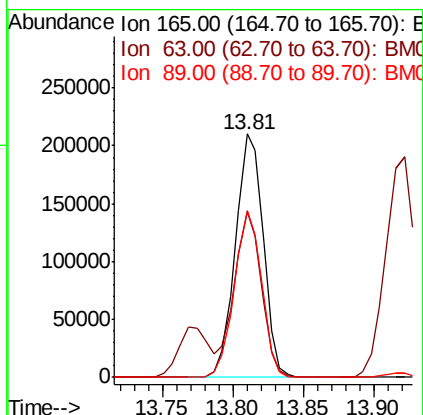
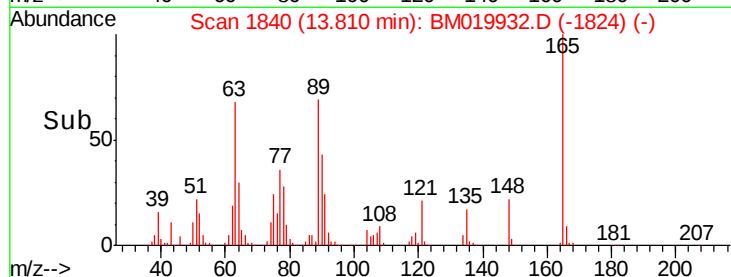
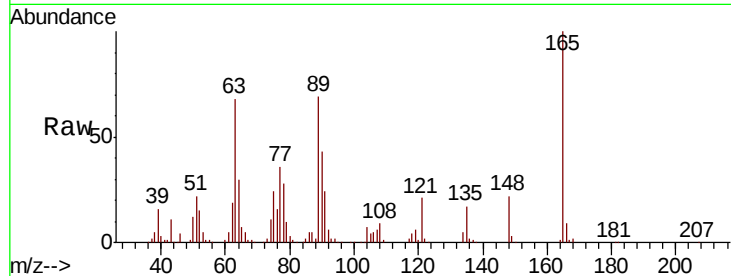




#51
 2,6-Dinitrotoluene
 Concen: 37.471 ng
 RT: 13.81 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BM019932.D
 Acq: 16 Apr 2019 15:35

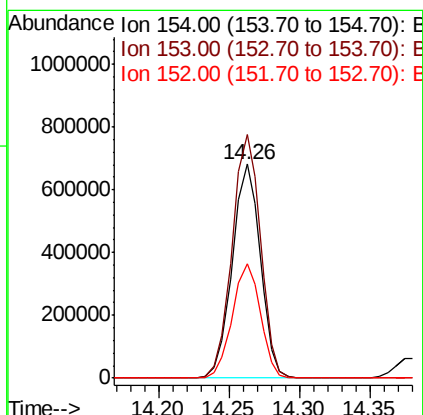
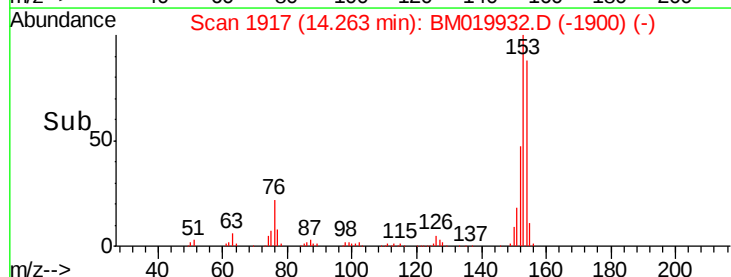
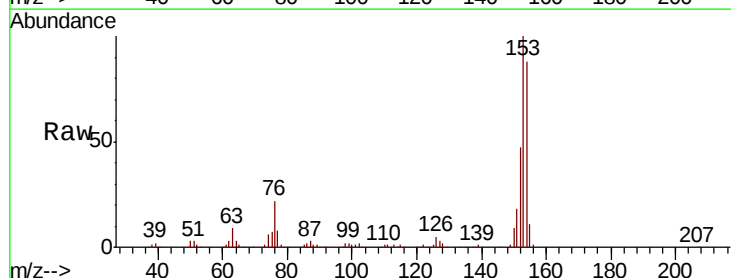
Instrument :
 BNA_M
 ClientSampleId :

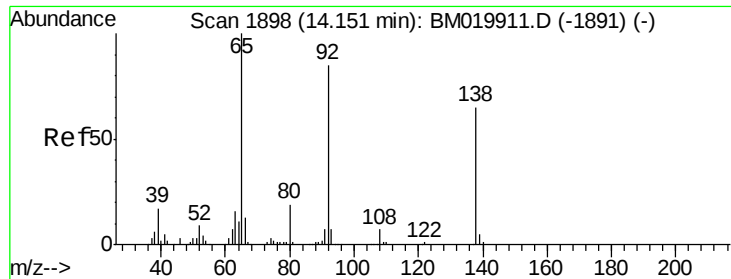
Tot Ion	Ratio	Lower	Upper
165	100		
63	67.8	48.5	72.7
89	68.8	48.2	72.4



#52
 Acenaphthene
 Concen: 37.487 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: BM019932.D
 Acq: 16 Apr 2019 15:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.0	136.4
152	53.8	42.2	63.2





#53

3-Nitroaniline

Concen: 37.456 ng

RT: 14.15 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

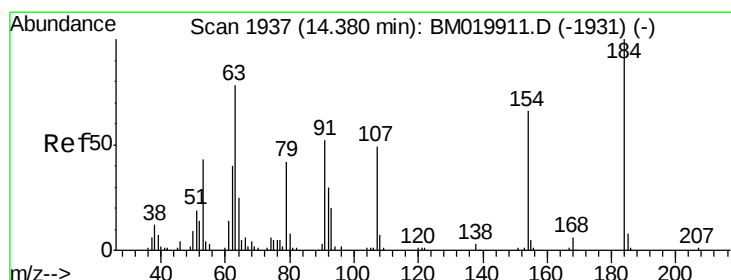
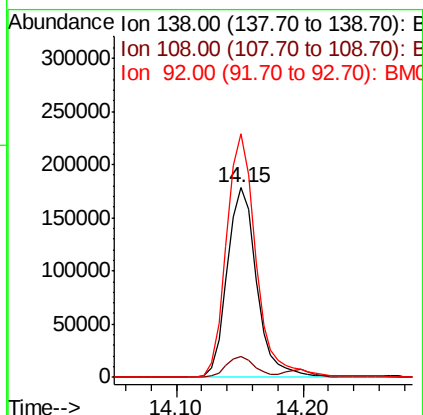
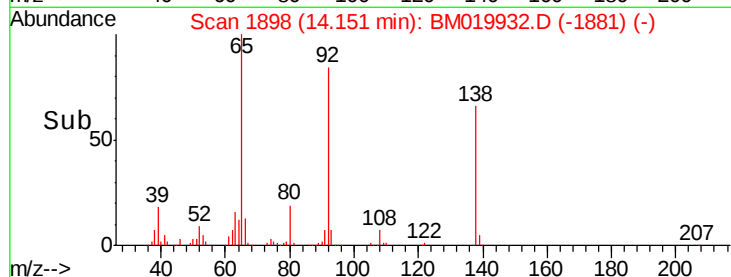
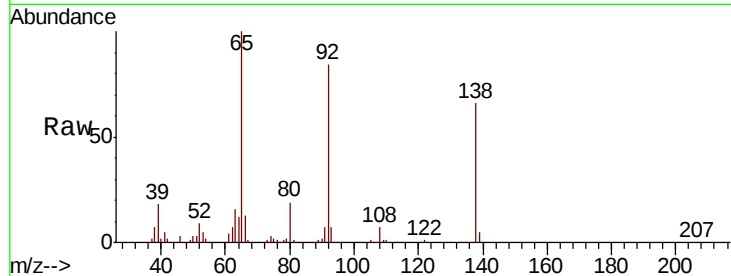
Tot Ion:138 Resp: 287673

Ion Ratio Lower Upper

138 100

108 10.8 8.9 13.3

92 128.4 103.8 155.8



#54

2,4-Dinitrophenol

Concen: 42.382 ng

RT: 14.38 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

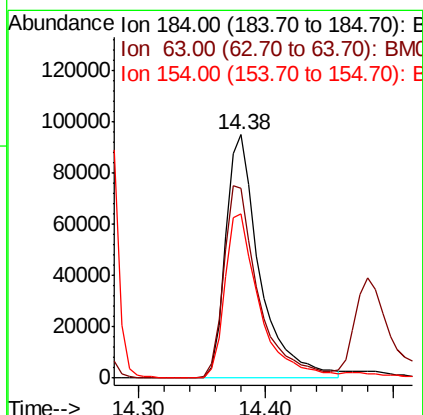
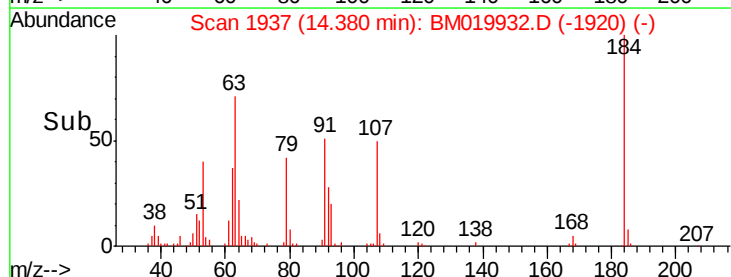
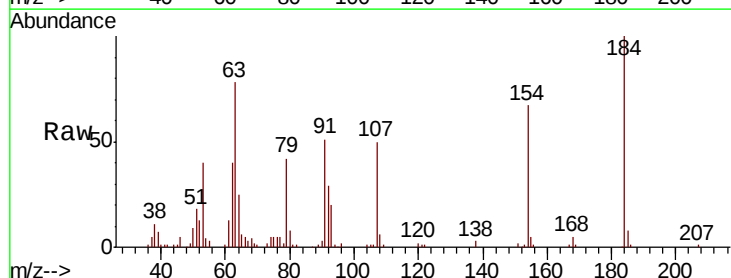
Tgt Ion:184 Resp: 176851

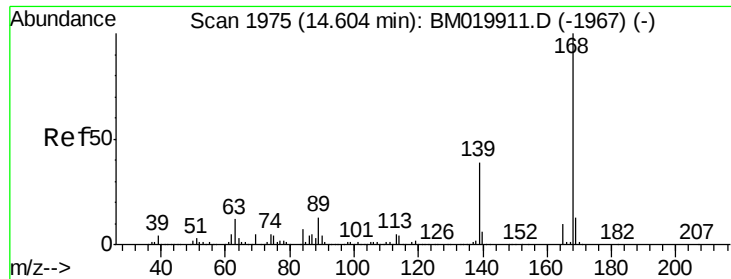
Ion Ratio Lower Upper

184 100

63 77.8 62.3 93.5

154 67.4 53.0 79.6

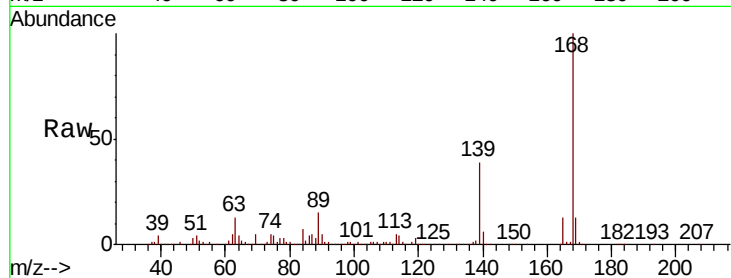




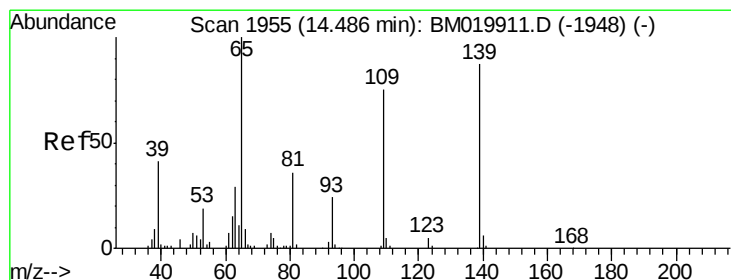
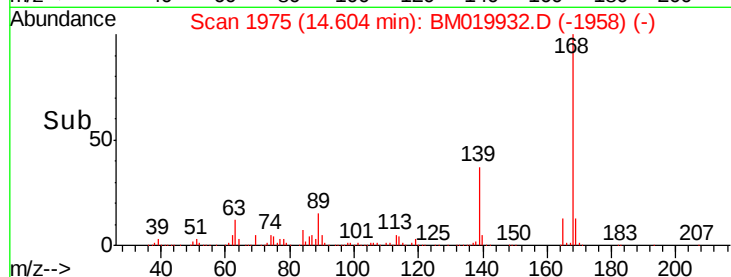
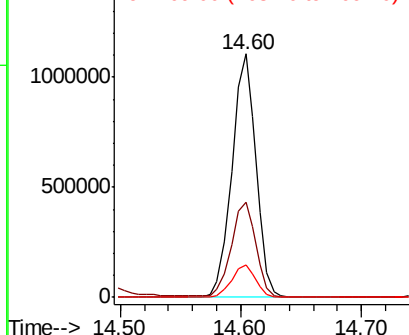
#55
Dibenzofuran
Concen: 37.236 ng
RT: 14.60 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 1530411
Ion Ratio Lower Upper
168 100
139 39.3 31.5 47.3
169 13.3 10.6 16.0

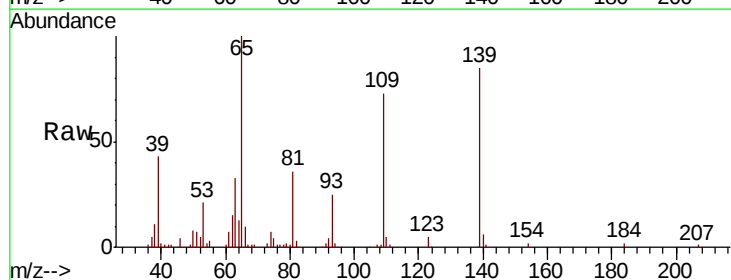


Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

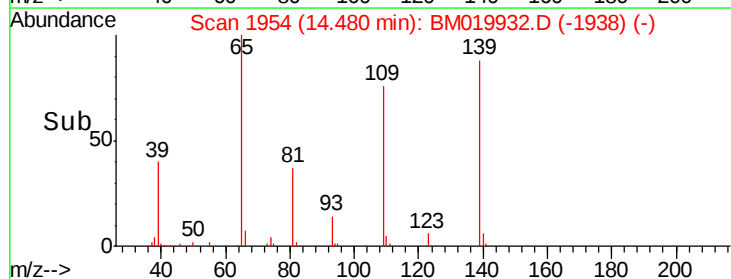
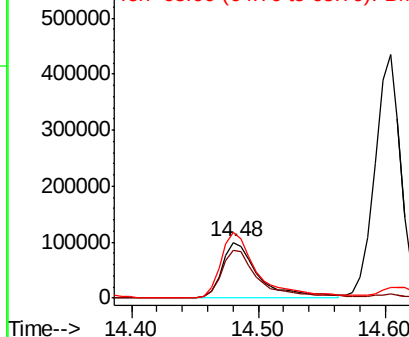


#56
4-Nitrophenol
Concen: 36.473 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Tgt Ion:139 Resp: 200186
Ion Ratio Lower Upper
139 100
109 86.7 65.3 105.3
65 118.3 94.9 134.9



Abundance Ion 139.00 (138.70 to 139.70): E
600000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0

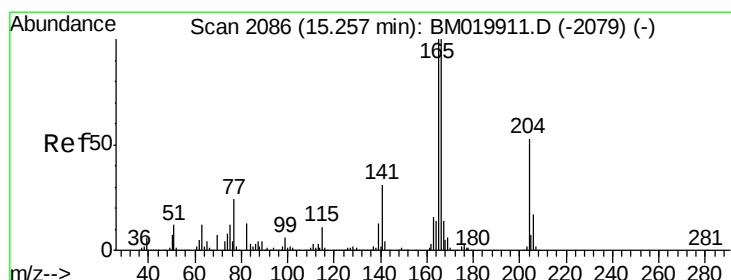
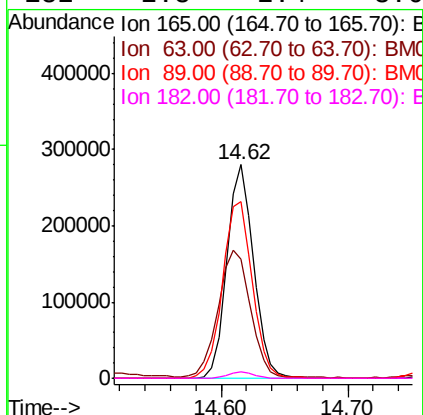
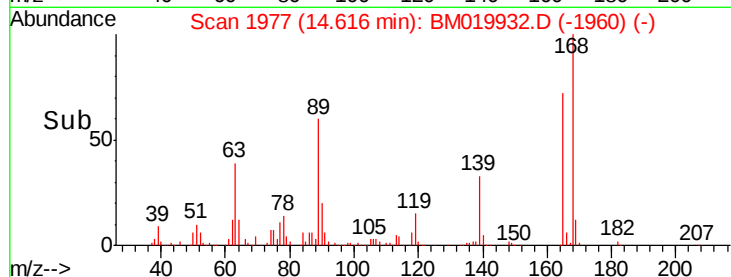
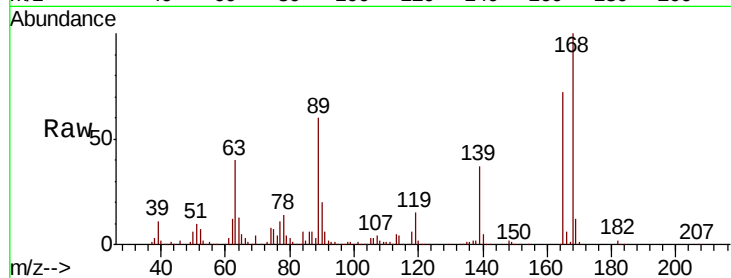




#57
2,4-Dinitrotoluene
Concen: 36.664 ng
RT: 14.62 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

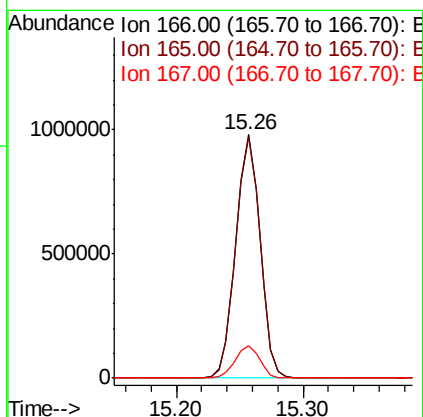
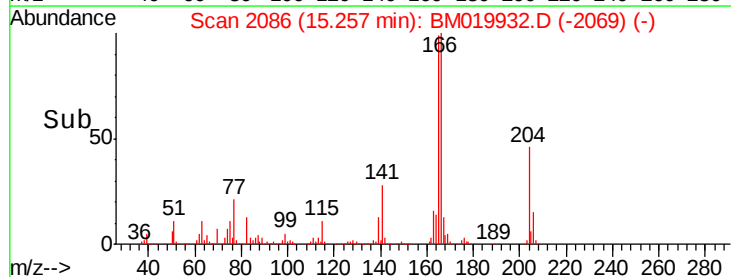
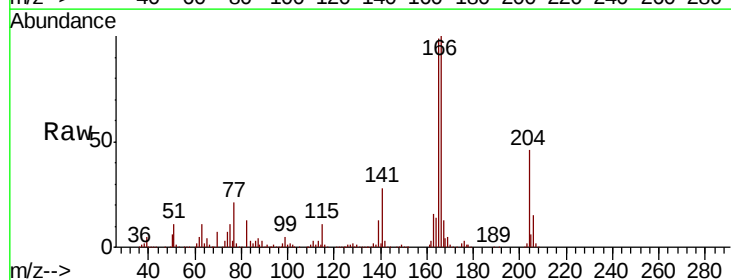
Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.8	46.0	69.0
89	82.6	67.5	101.3
182	2.8	2.4	3.6



#58
Fluorene
Concen: 37.229 ng
RT: 15.26 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.1	120.1
167	13.2	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.376 ng

RT: 14.84 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

Tot Ion:232 Resp: 292750

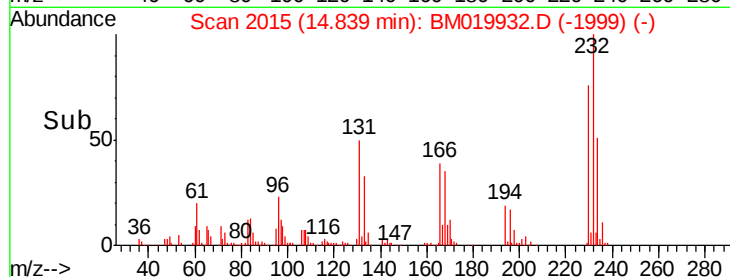
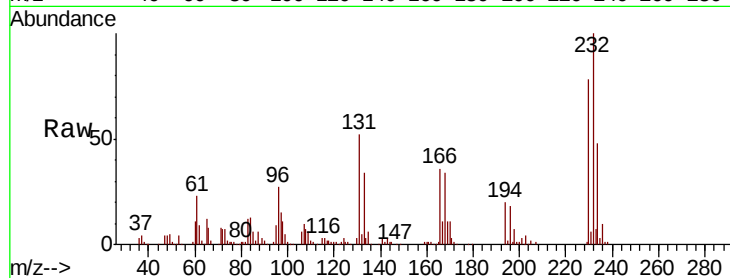
Ion Ratio Lower Upper

232 100

131 52.2 42.1 63.1

130 3.0 2.2 3.4

166 35.7 28.1 42.1

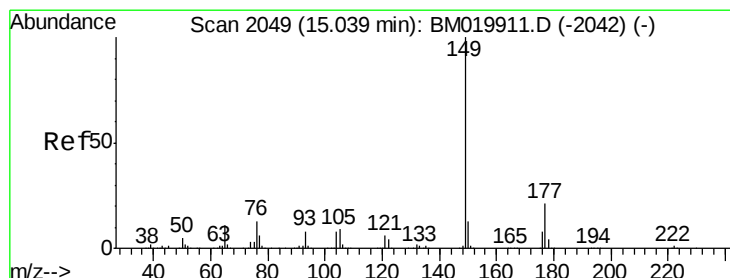
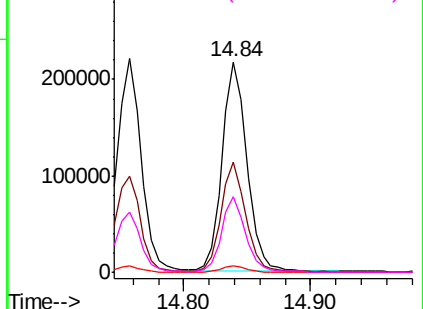


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 37.728 ng

RT: 15.04 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

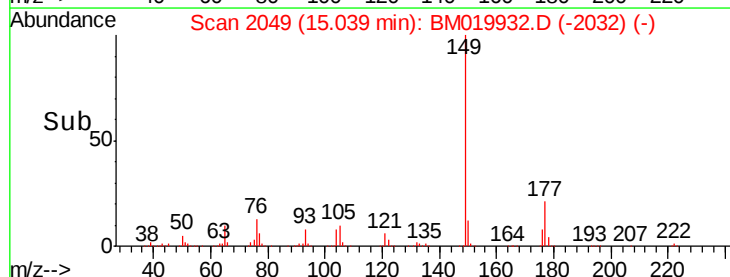
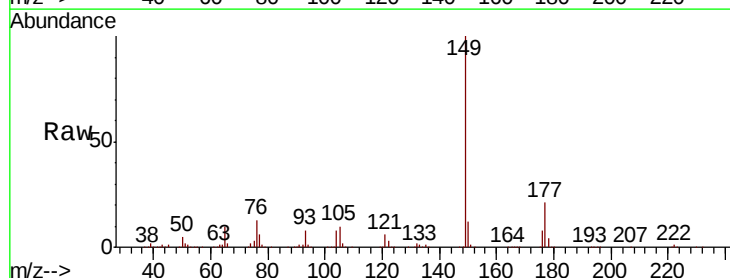
Tgt Ion:149 Resp: 1364881

Ion Ratio Lower Upper

149 100

177 20.6 16.6 25.0

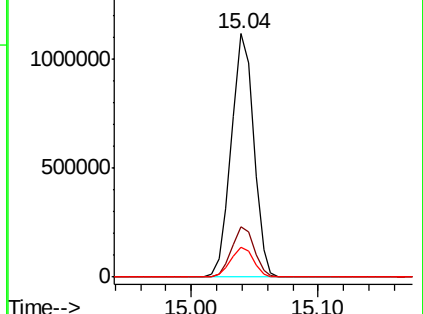
150 12.5 10.0 15.0

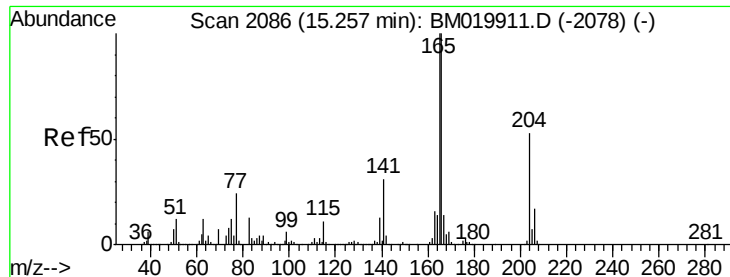


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

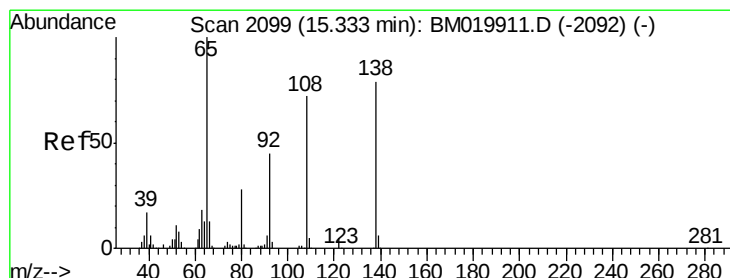
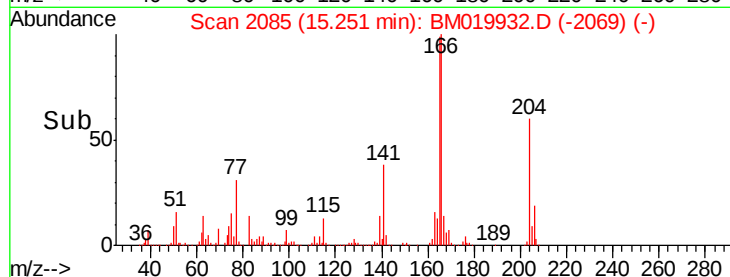
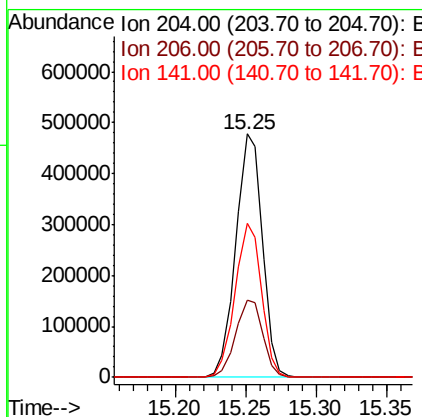
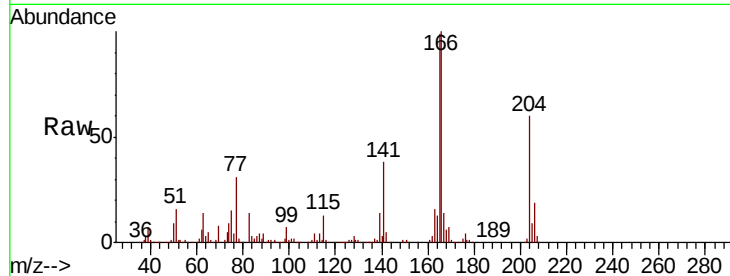




#61
 4-Chlorophenyl-phenylether
 Concen: 37.404 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM019932.D
 Acq: 16 Apr 2019 15:35

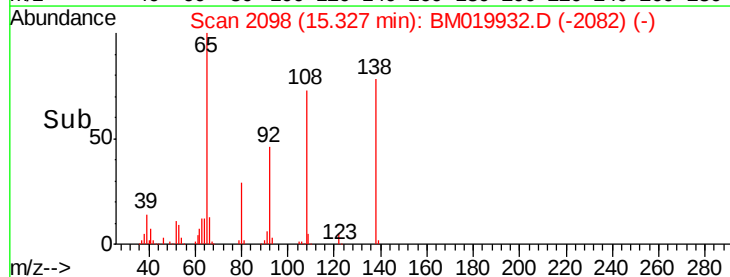
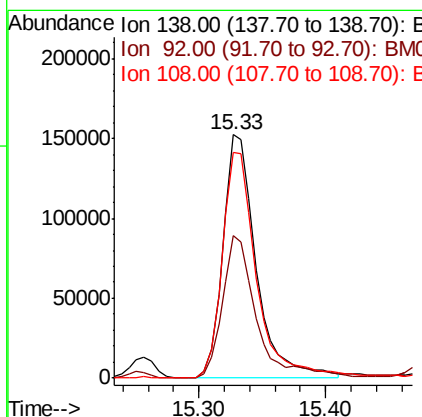
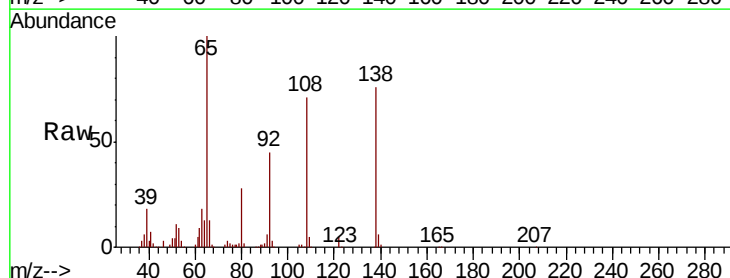
Instrument :
 BNA_M
 ClientSampled :

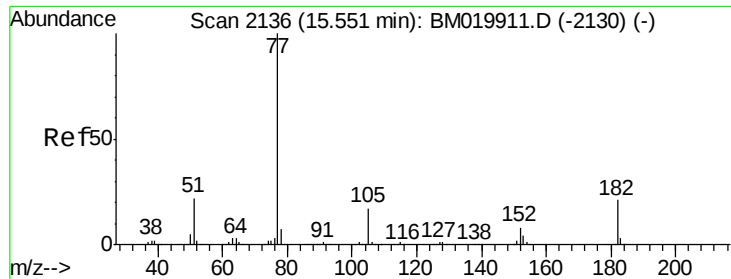
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	25.8	38.8
141	63.3	47.0	70.4



#62
 4-Nitroaniline
 Concen: 36.661 ng
 RT: 15.33 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BM019932.D
 Acq: 16 Apr 2019 15:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.7	36.8	76.8
108	92.9	71.5	111.5





#63

Azobenzene

Concen: 38.271 ng

RT: 15.55 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

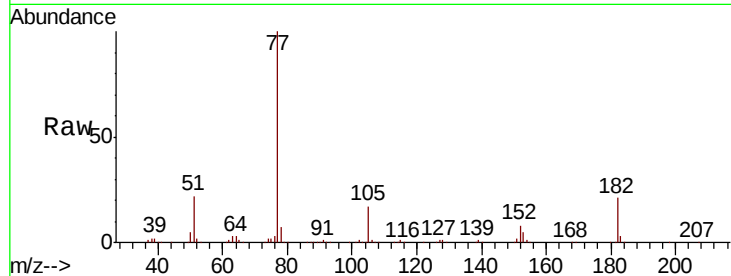
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1479788

Ion	Ratio	Lower	Upper
77	100		
182	21.3	1.0	41.0
105	17.2	0.0	37.1
51	22.3	2.1	42.1

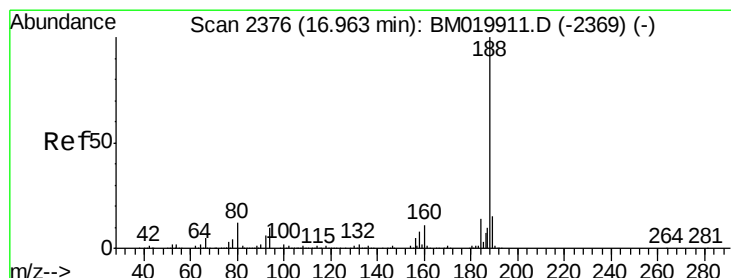
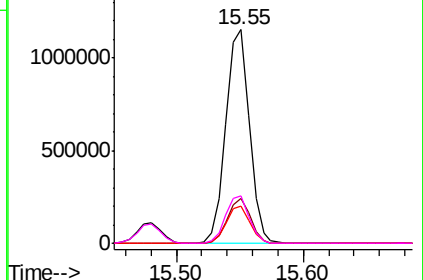
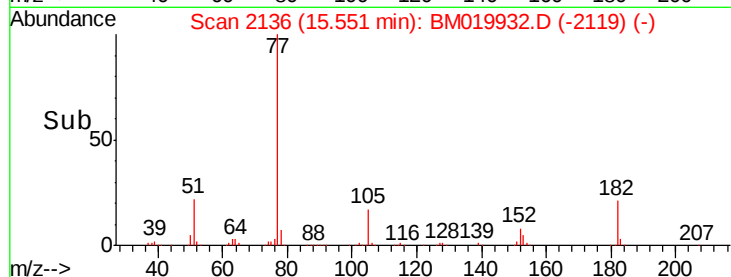


Abundance Ion 77.00 (76.70 to 77.70): BM0

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

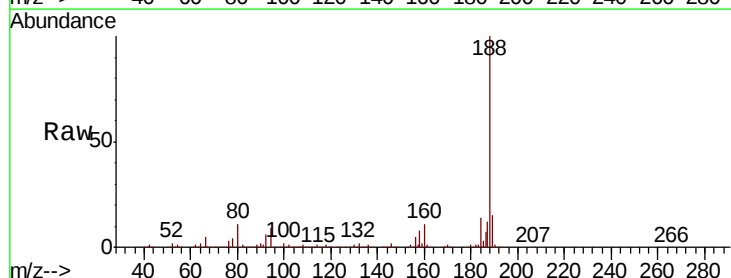
Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Tgt Ion: 188 Resp: 865735

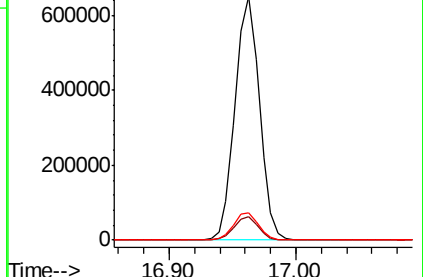
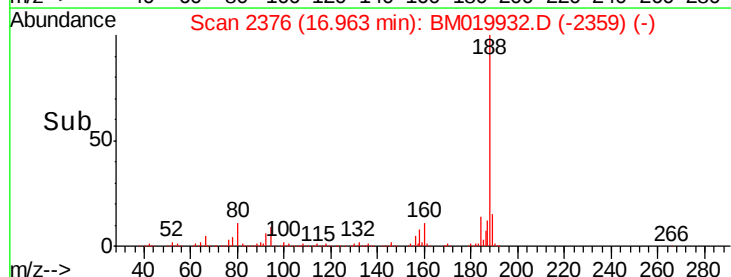
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.6	11.4
80	11.2	9.4	14.0

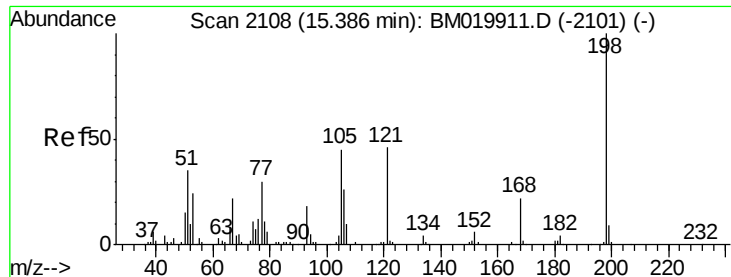


Abundance Ion 188.00 (187.70 to 188.70): E

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: 36.686 ng

RT: 15.39 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

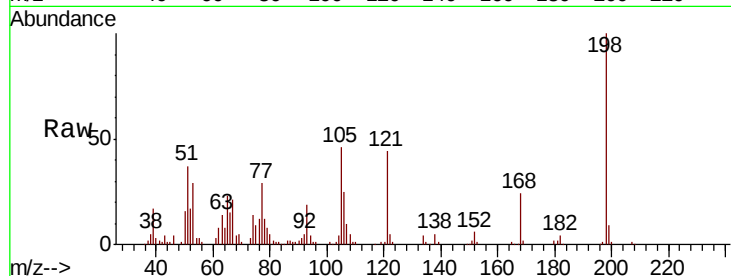
Tot Ion:198 Resp: 202643

Ion Ratio Lower Upper

198 100

51 36.5 17.9 57.9

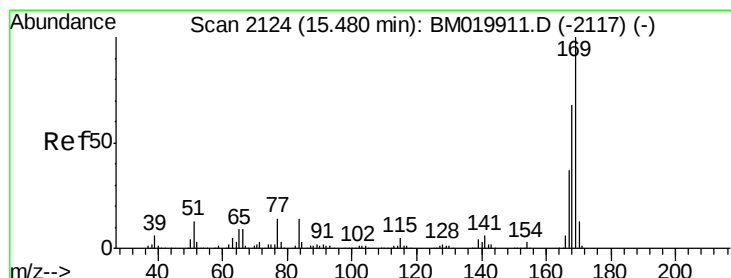
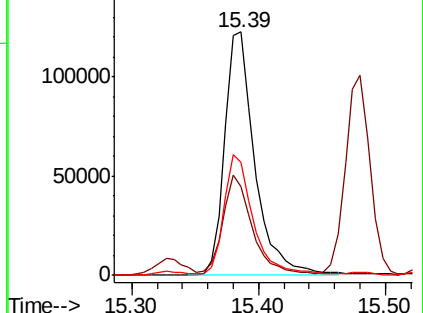
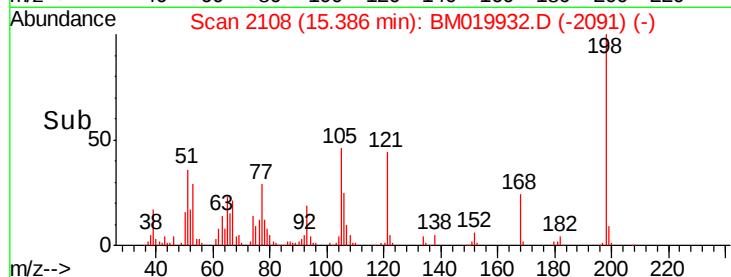
105 46.3 26.1 66.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.702 ng

RT: 15.48 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

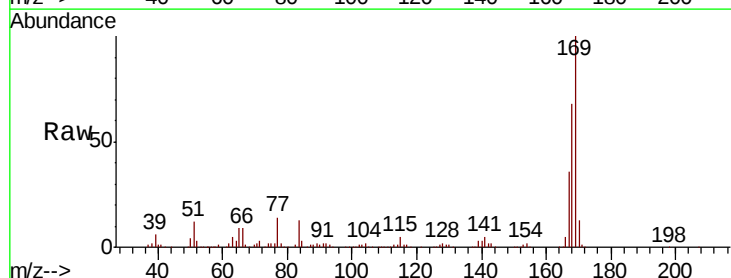
Tgt Ion:169 Resp: 1067075

Ion Ratio Lower Upper

169 100

168 68.1 54.7 82.1

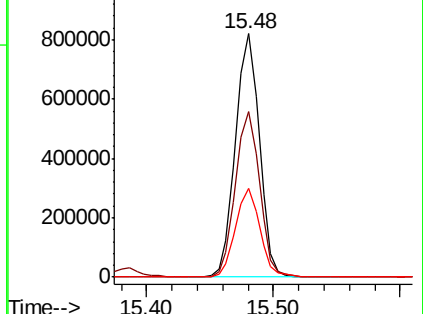
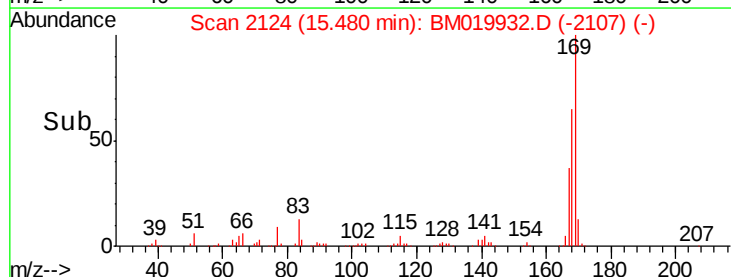
167 36.5 29.4 44.0

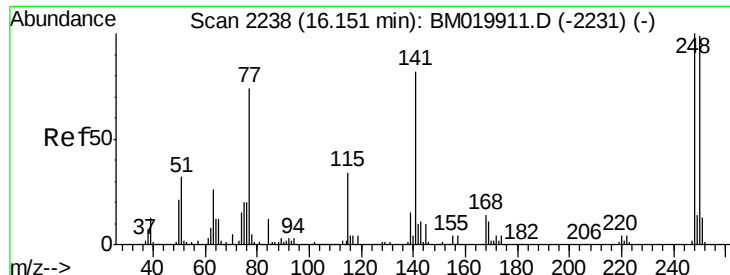


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

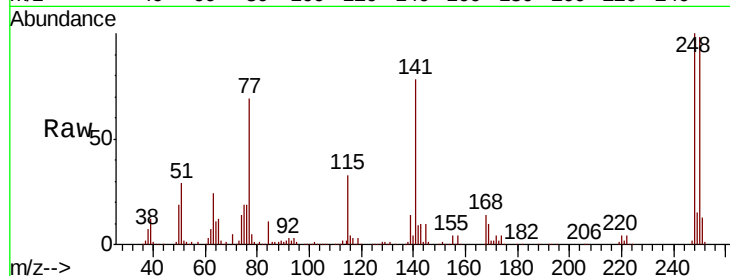




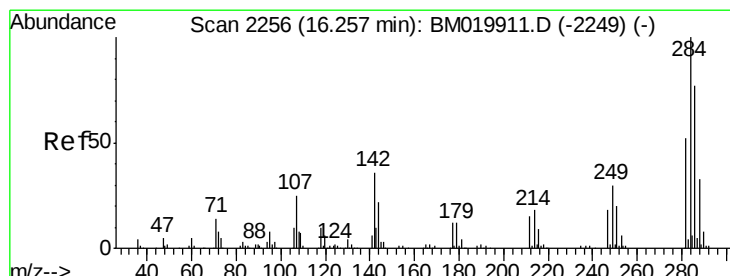
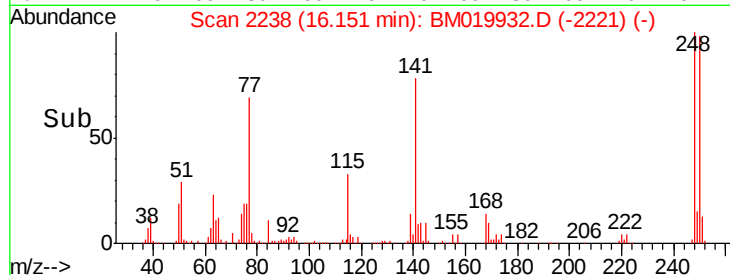
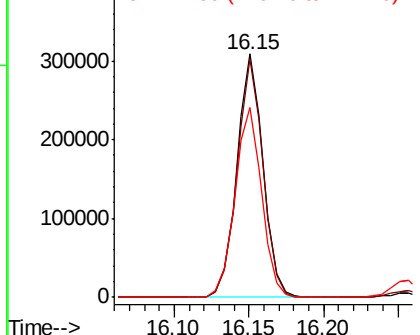
#67
 4-Bromophenyl-phenylether
 Concen: 37.650 ng
 RT: 16.15 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM019932.D
 Acq: 16 Apr 2019 15:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 374745
 Ion Ratio Lower Upper
 248 100
 250 97.9 78.9 118.3
 141 77.8 65.6 98.4

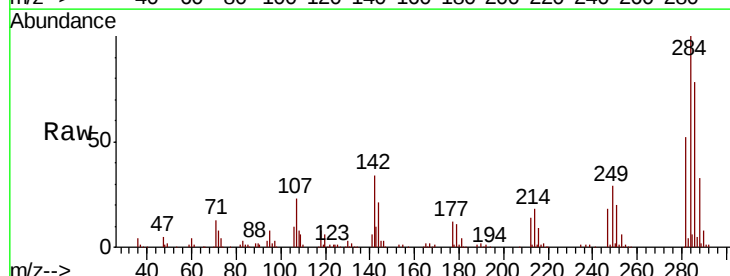


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

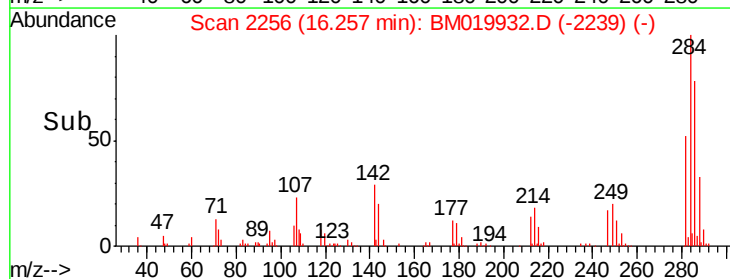
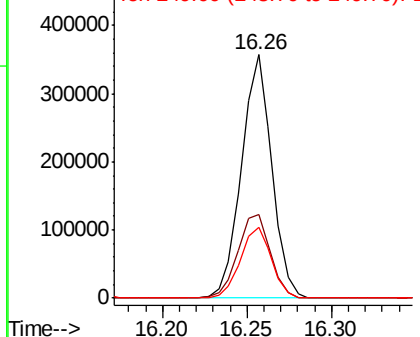


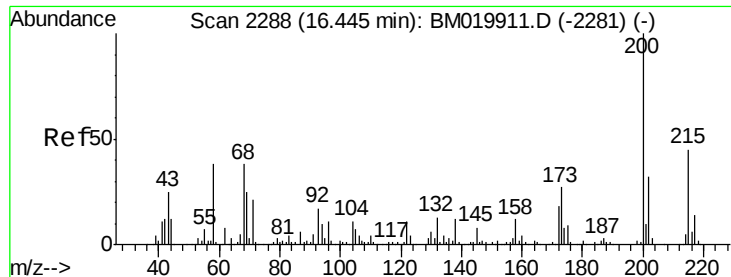
#68
 Hexachlorobenzene
 Concen: 37.378 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. 0.00 min
 Lab File: BM019932.D
 Acq: 16 Apr 2019 15:35

Tgt Ion:284 Resp: 446409
 Ion Ratio Lower Upper
 284 100
 142 34.3 28.9 43.3
 249 29.1 23.8 35.6



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





#69

Atrazine

Concen: 34.976 ng

RT: 16.44 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

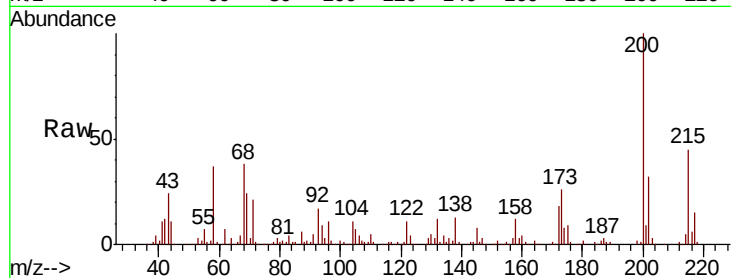
Tot Ion:200 Resp: 336055

Ion Ratio Lower Upper

200 100

173 26.3 7.2 47.2

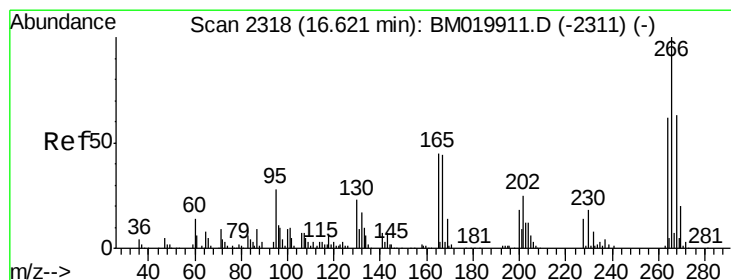
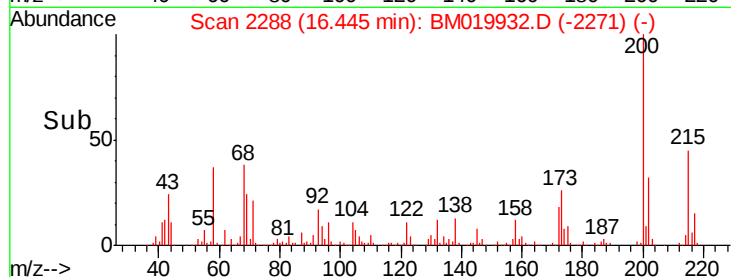
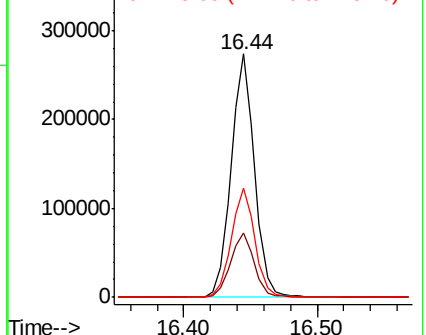
215 45.0 25.4 65.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 36.627 ng

RT: 16.62 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

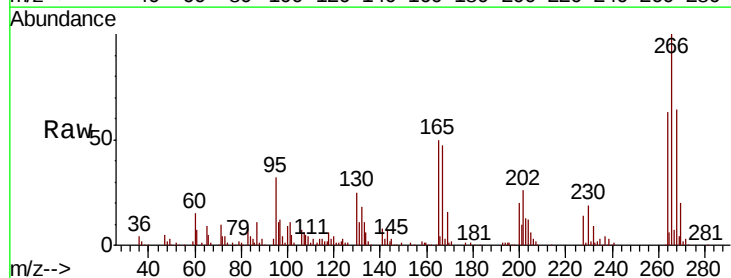
Tgt Ion:266 Resp: 223507

Ion Ratio Lower Upper

266 100

268 63.6 50.3 75.5

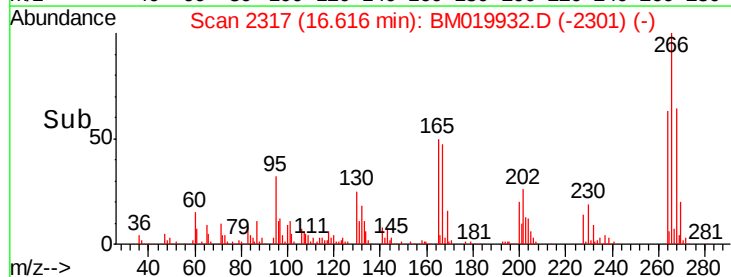
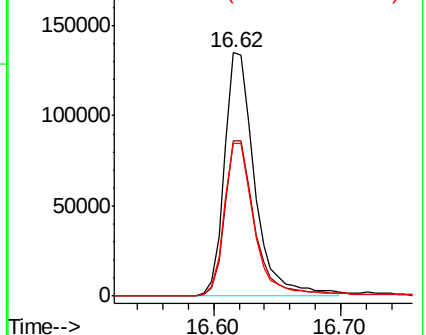
264 62.6 49.8 74.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

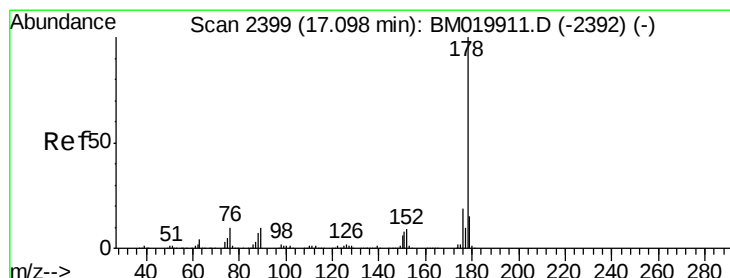
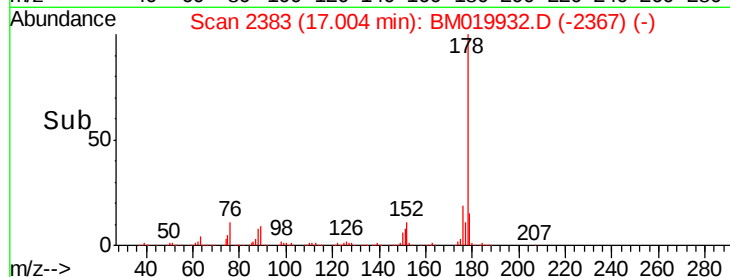
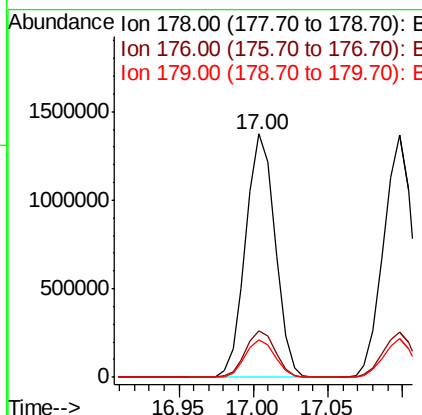
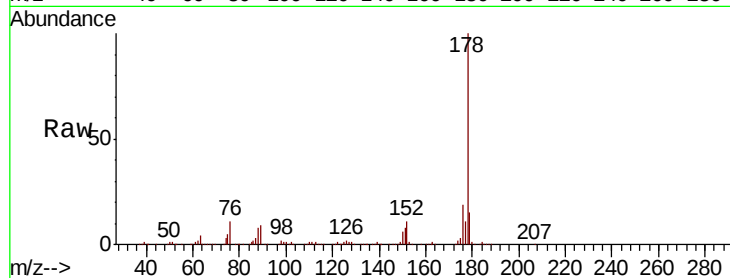




#71
Phenanthrene
Concen: 36.715 ng
RT: 17.00 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

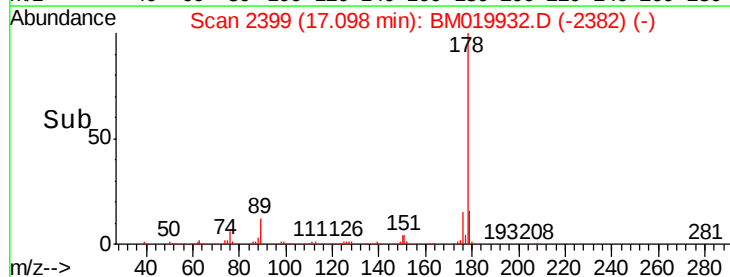
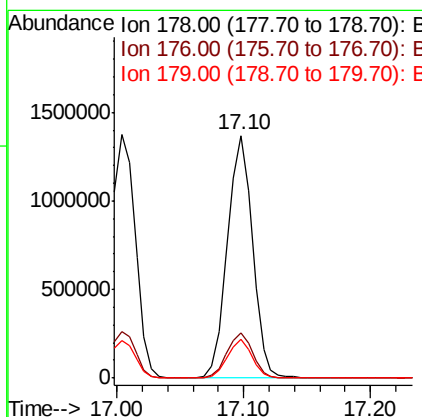
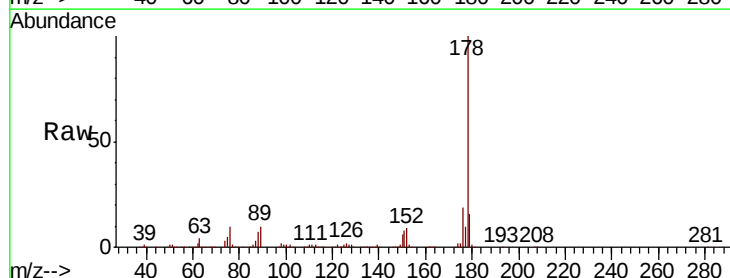
Instrument :
BNA_M
ClientSampleId :

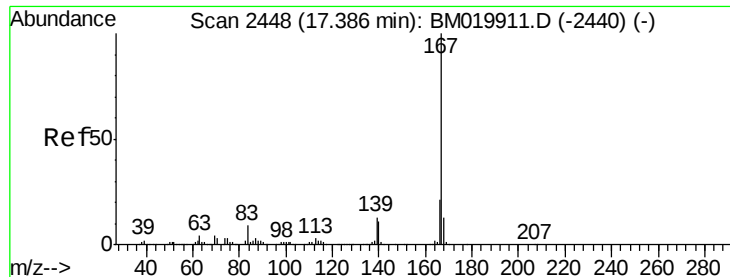
Tot Ion:178 Resp: 1886219
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.3 12.2 18.4



#72
Anthracene
Concen: 36.596 ng
RT: 17.10 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Tgt Ion:178 Resp: 1871550
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.7 12.2 18.4



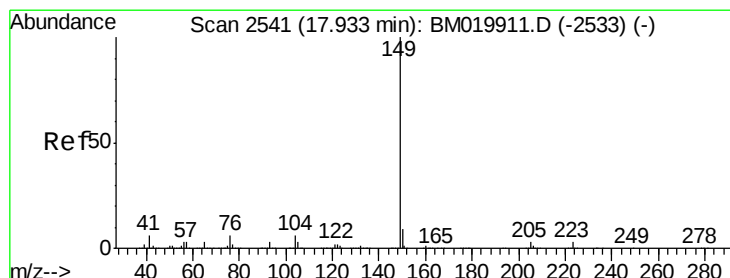
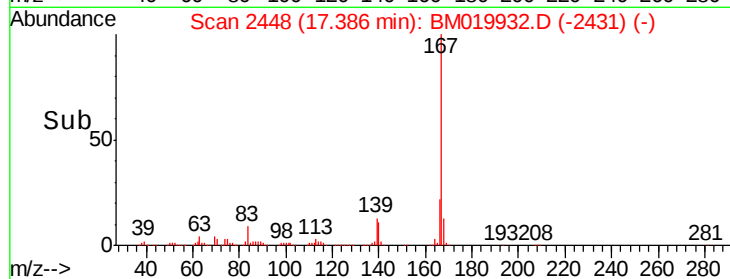
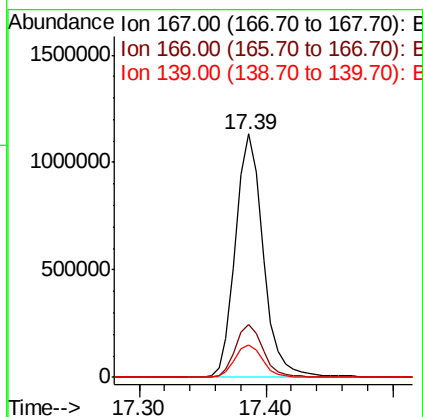
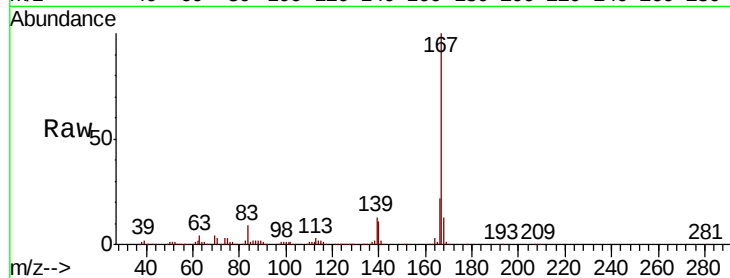


#73
 Carbazole
 Concen: 35.955 ng
 RT: 17.39 min Scan# 2448
 Delta R.T. 0.00 min
 Lab File: BM019932.D
 Acq: 16 Apr 2019 15:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1716756

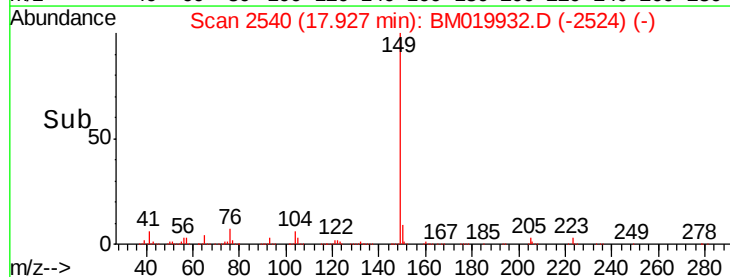
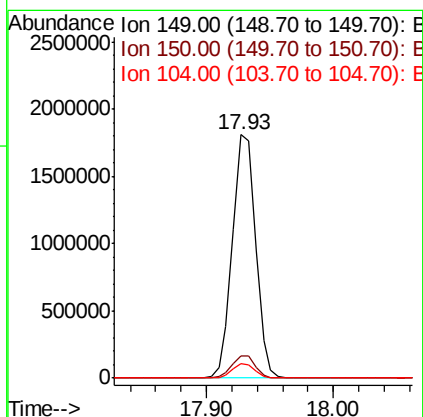
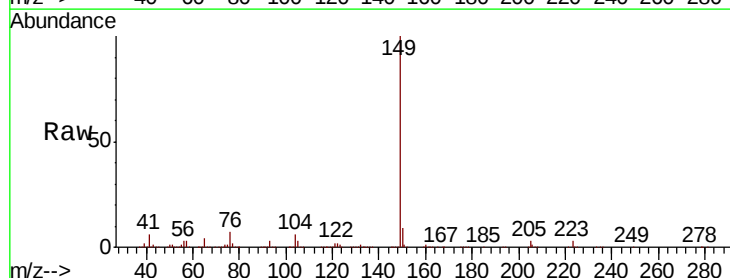
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	13.4	10.7	16.1

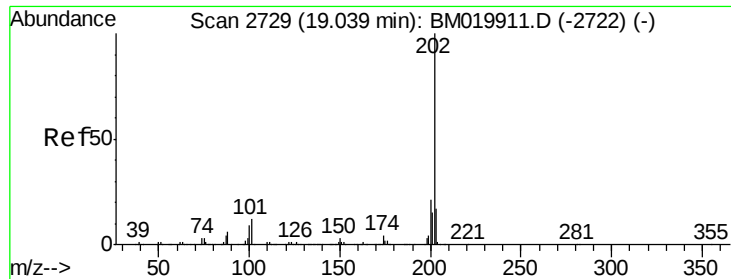


#74
 Di-n-butylphthalate
 Concen: 36.397 ng
 RT: 17.93 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BM019932.D
 Acq: 16 Apr 2019 15:35

Tgt Ion:149 Resp: 2282299

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.9	4.6	7.0





#75

Fluoranthene

Concen: 34.832 ng

RT: 19.04 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

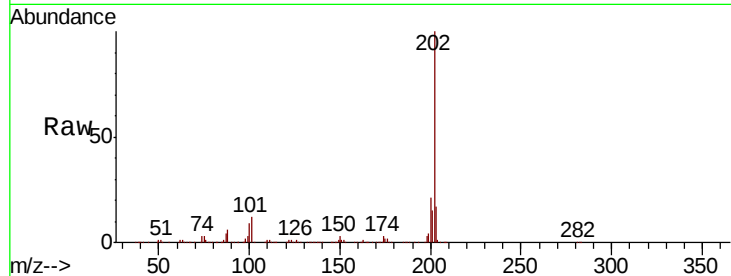
Tot Ion:202 Resp: 2059383

Ion Ratio Lower Upper

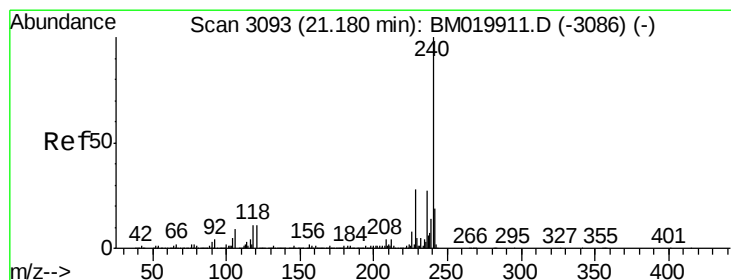
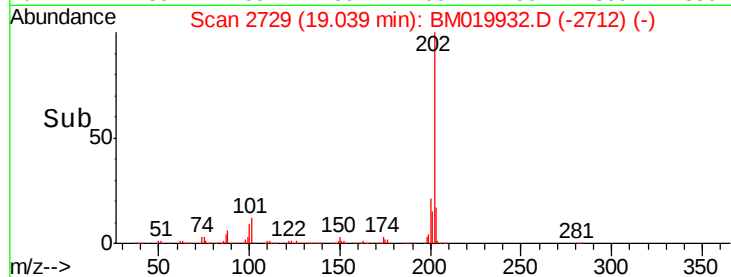
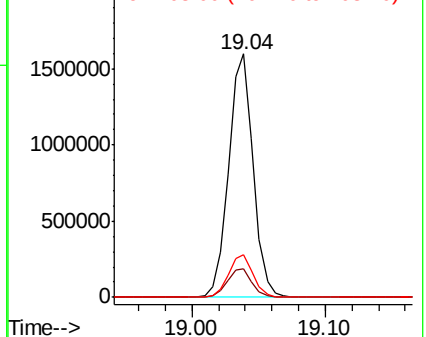
202 100

101 11.5 0.0 31.7

203 17.3 0.0 37.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.18 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

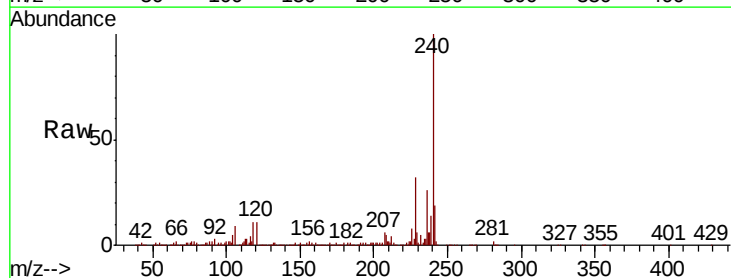
Tgt Ion:240 Resp: 786449

Ion Ratio Lower Upper

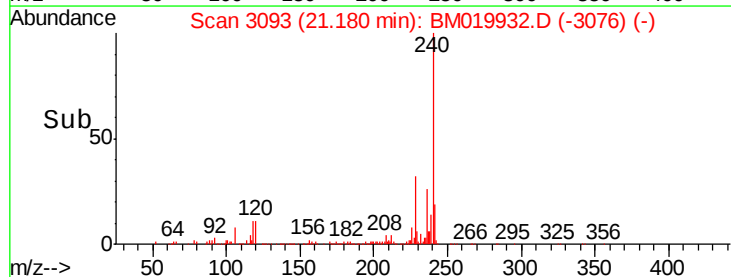
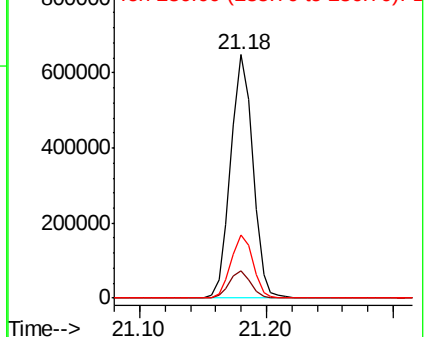
240 100

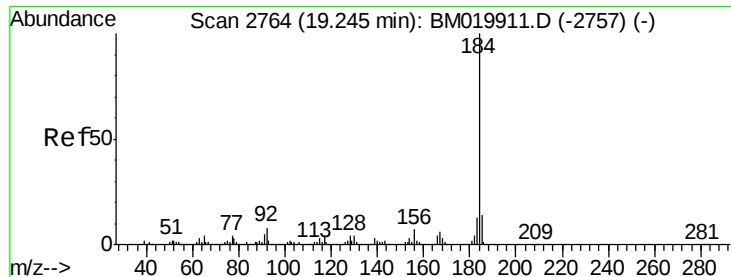
120 11.4 8.6 13.0

236 26.1 21.4 32.2



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





#77

Benzidine

Concen: 38.317 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

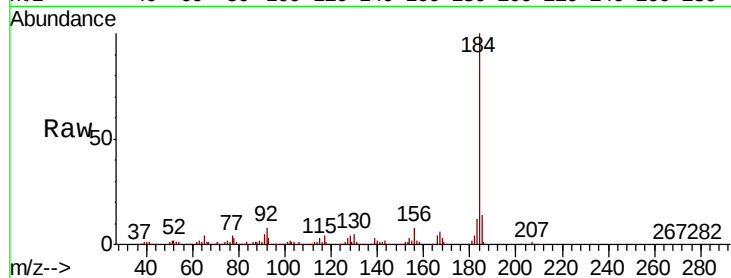
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 831447

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.0	16.6
183	12.3	10.1	15.1

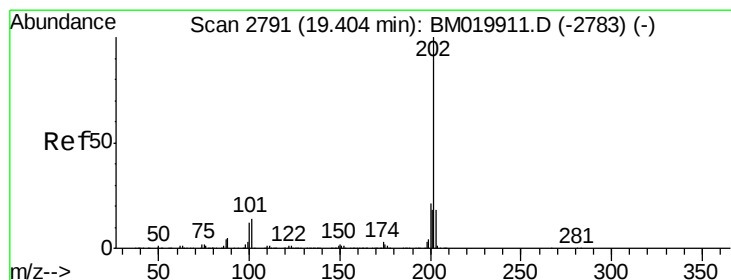
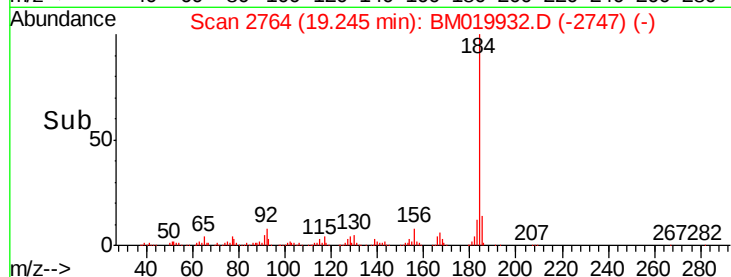
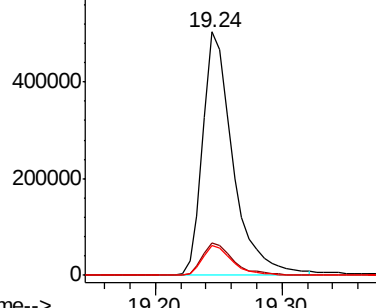


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.044 ng

RT: 19.40 min Scan# 2791

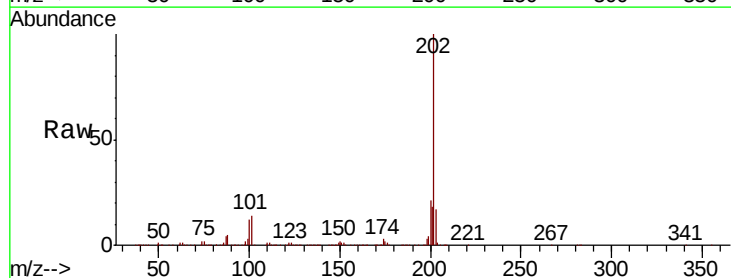
Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Tgt Ion:202 Resp: 2085549

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	17.0	14.0	21.0

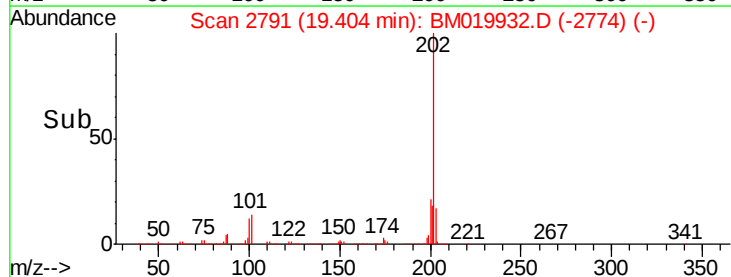
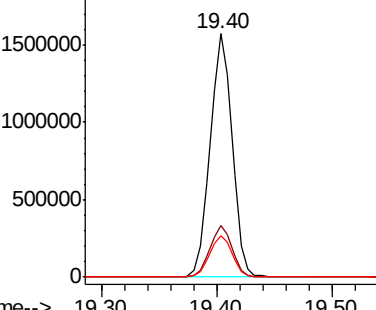


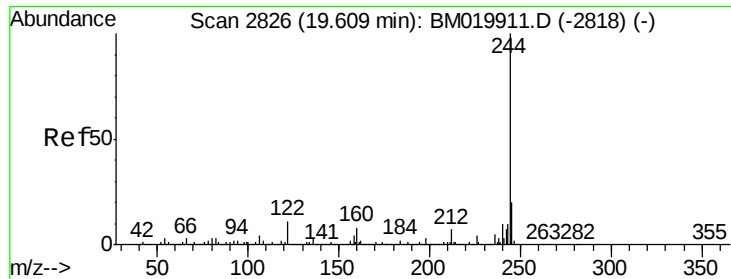
Abundance

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: 80.207 ng

RT: 19.61 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampled :

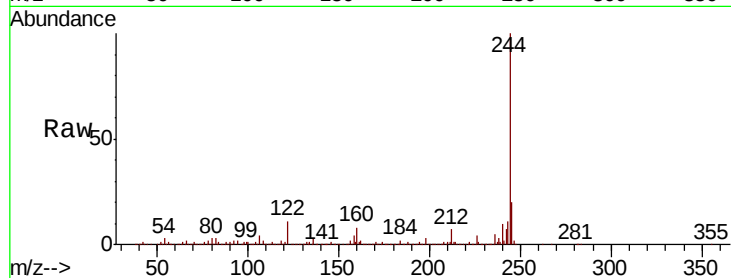
Tot Ion:244 Resp: 3576234

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

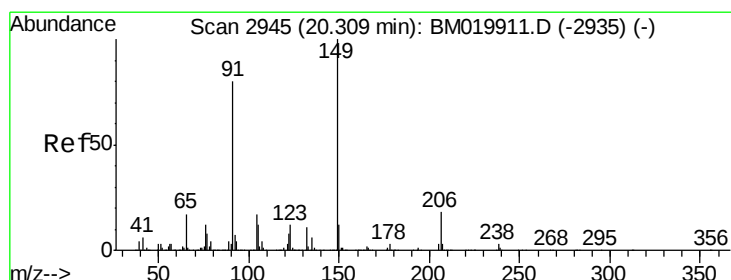
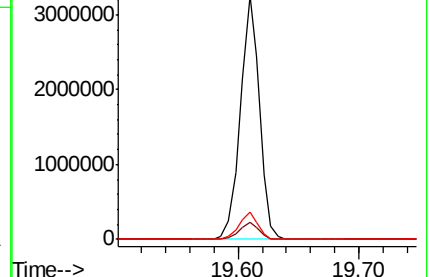
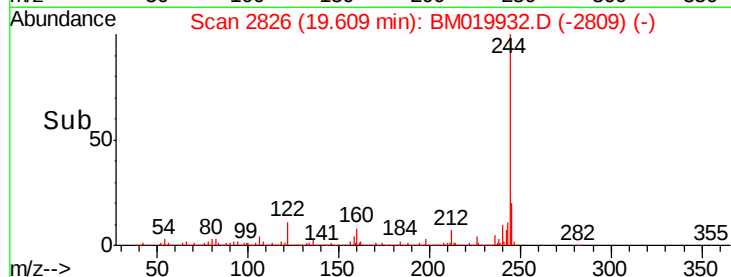
122 11.4 9.1 13.7



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: 37.970 ng

RT: 20.31 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

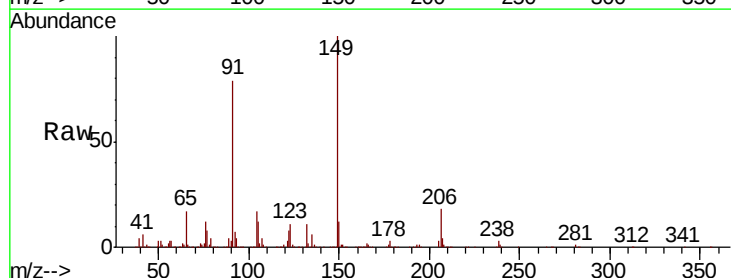
Tgt Ion:149 Resp: 958732

Ion Ratio Lower Upper

149 100

91 79.5 63.7 95.5

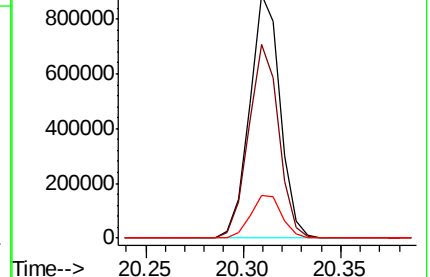
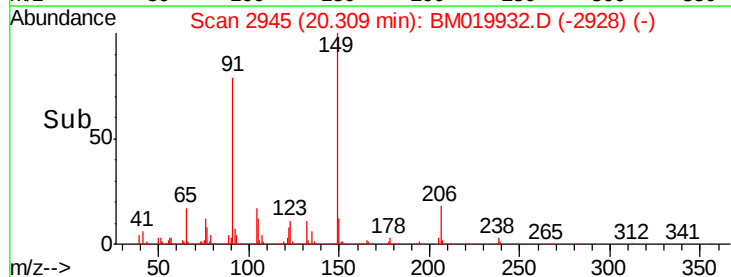
206 17.7 14.6 21.8

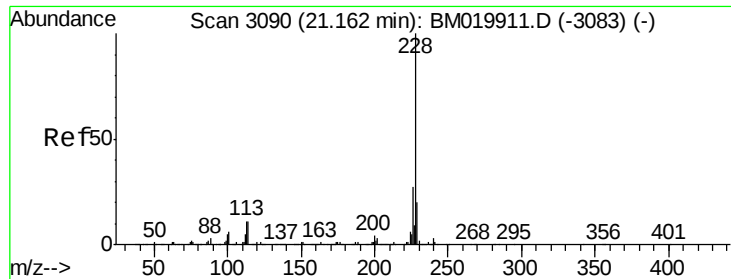


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.192 ng

RT: 21.16 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

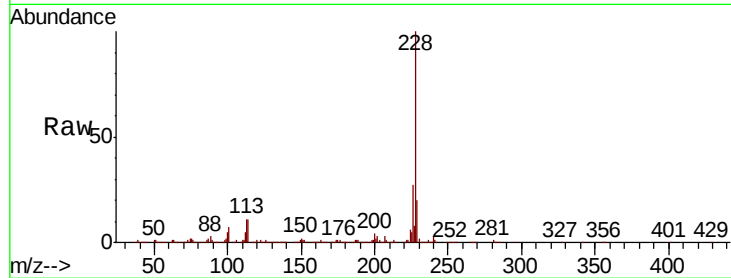
Tot Ion:228 Resp: 1852906

Ion Ratio Lower Upper

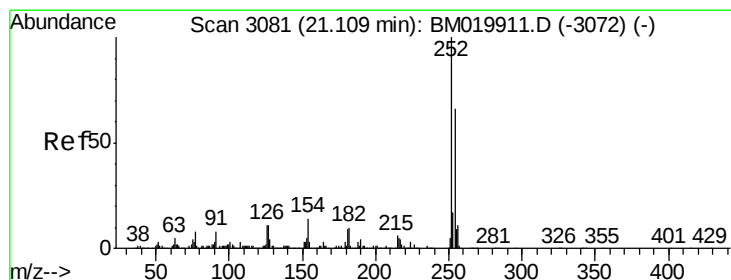
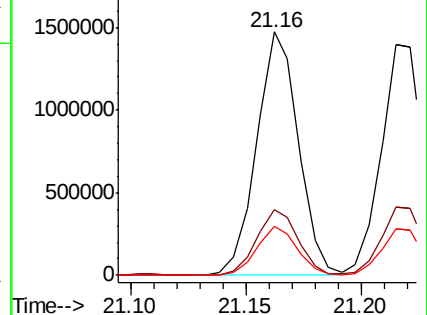
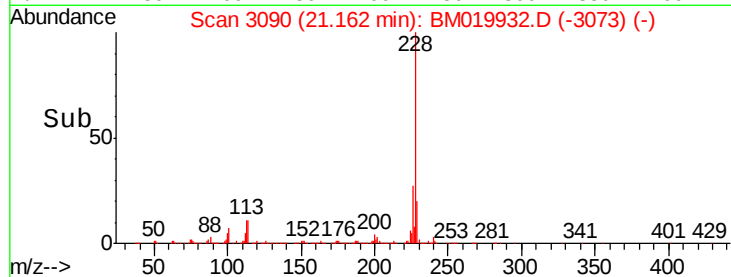
228 100

226 27.2 21.8 32.6

229 20.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.535 ng

RT: 21.11 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

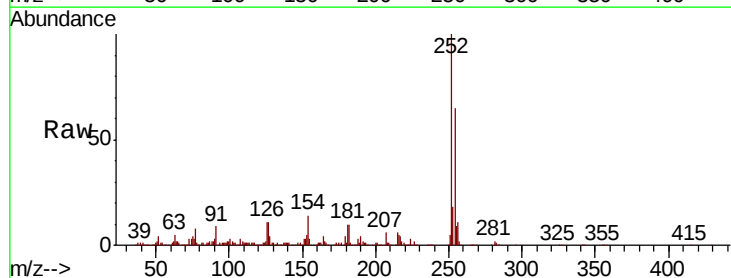
Tgt Ion:252 Resp: 695738

Ion Ratio Lower Upper

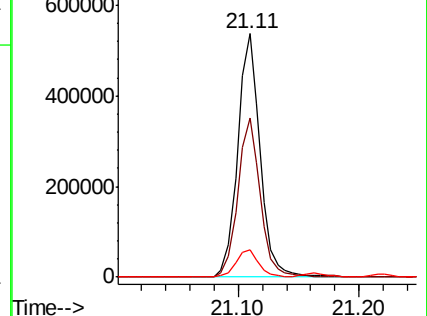
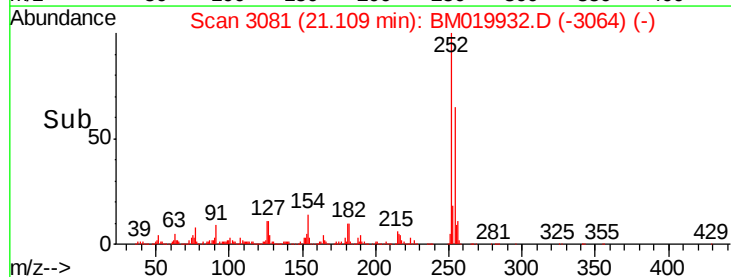
252 100

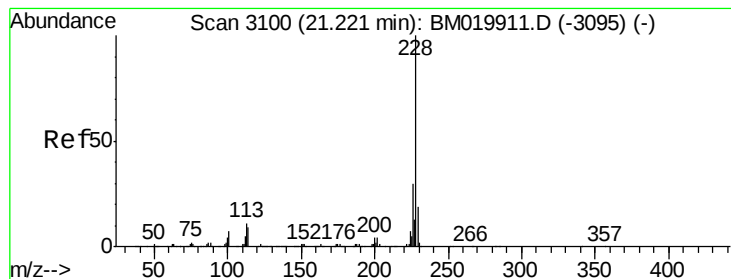
254 65.4 52.6 78.8

126 11.4 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
600000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.164 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

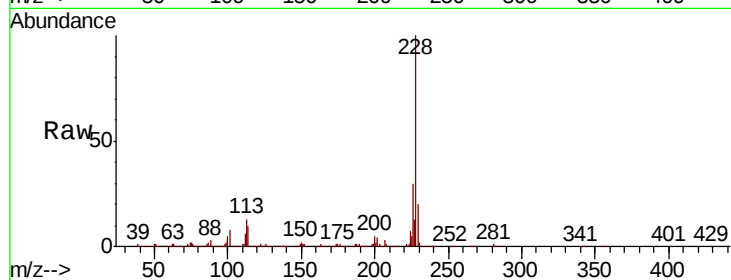
Tot Ion:228 Resp: 1775573

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

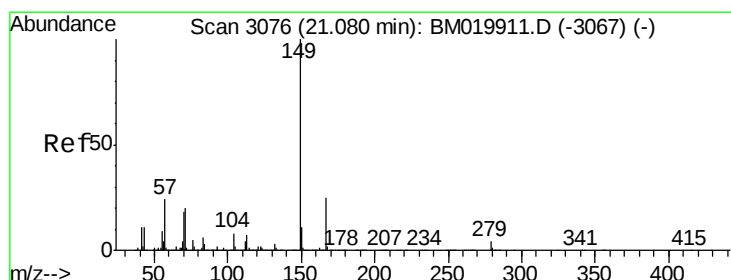
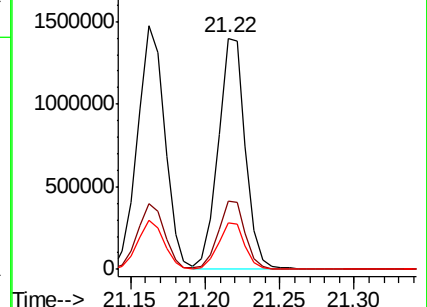
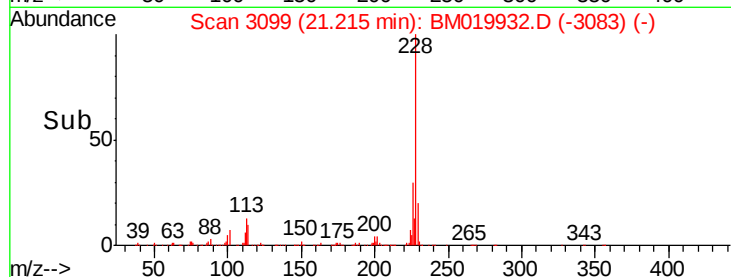
229 19.8 15.6 23.4



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: 37.536 ng

RT: 21.08 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

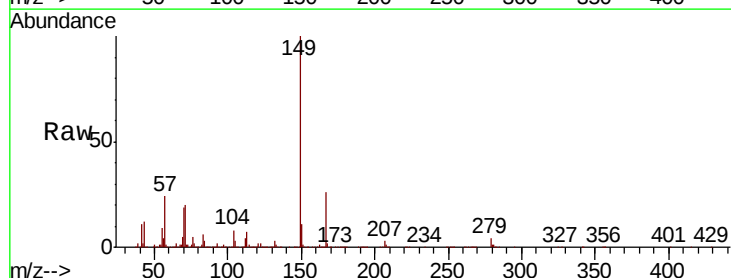
Tgt Ion:149 Resp: 1411005

Ion Ratio Lower Upper

149 100

167 25.5 20.3 30.5

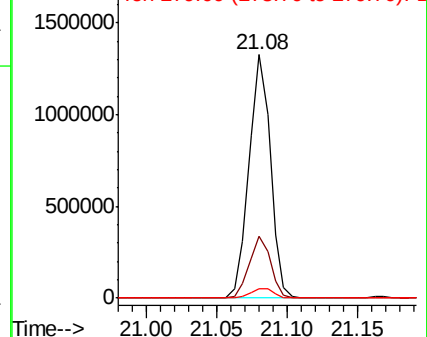
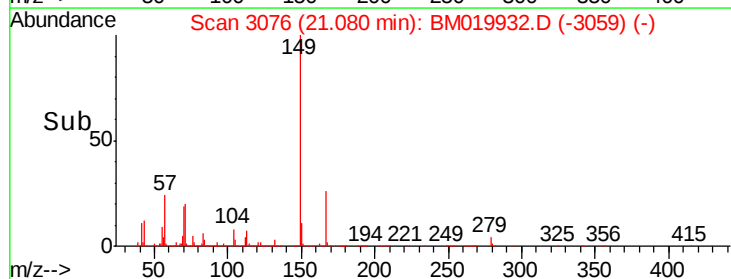
279 4.1 3.4 5.2



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: 37.067 ng

RT: 21.95 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampled :

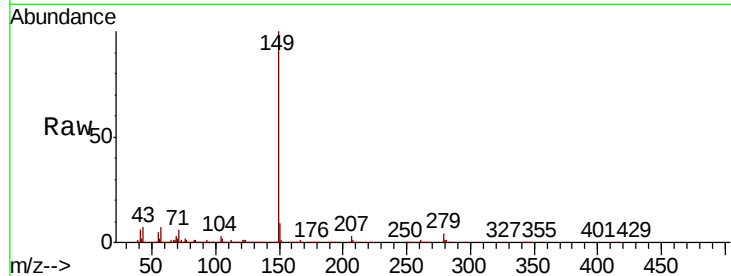
Tot Ion:149 Resp: 2260888

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

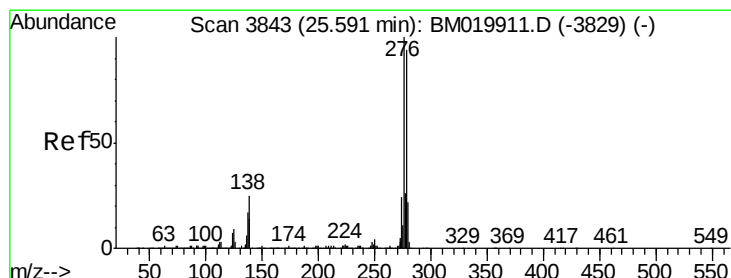
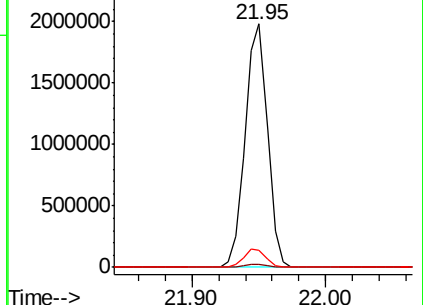
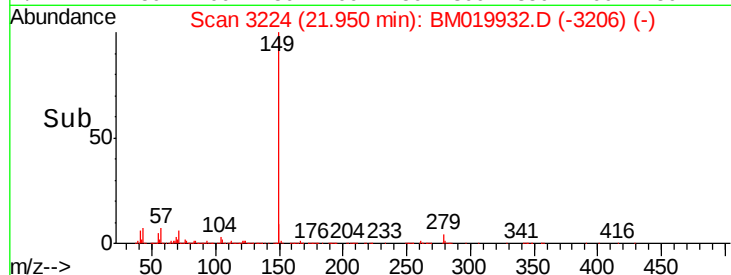
43 7.7 6.0 9.0



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: 44.060 ng

RT: 25.59 min Scan# 3843

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

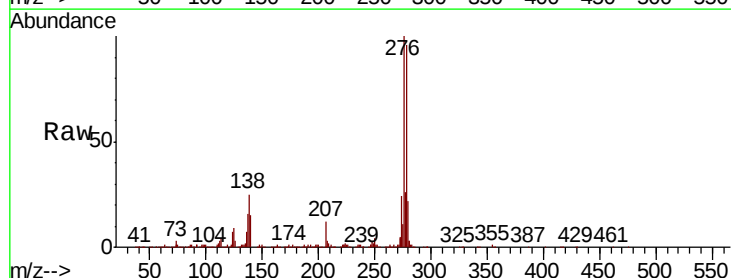
Tgt Ion:276 Resp: 2070793

Ion Ratio Lower Upper

276 100

138 24.0 19.0 28.6

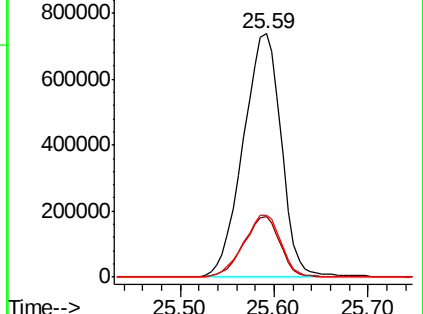
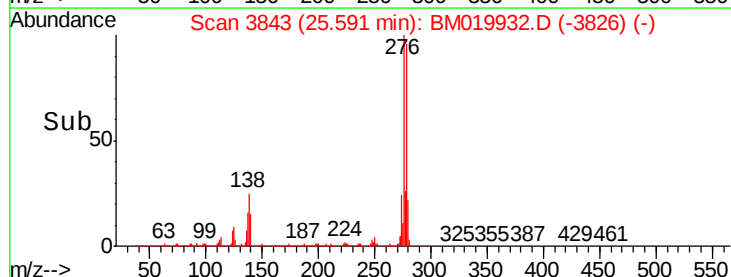
277 25.3 20.3 30.5

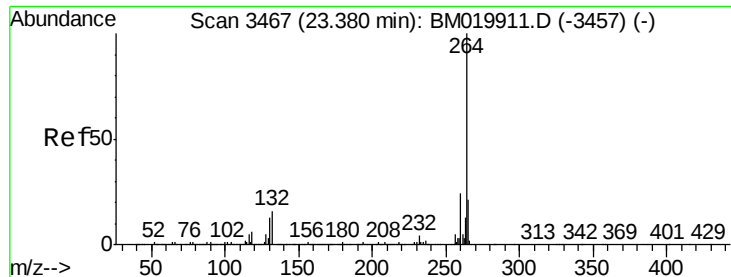


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3467

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampleId :

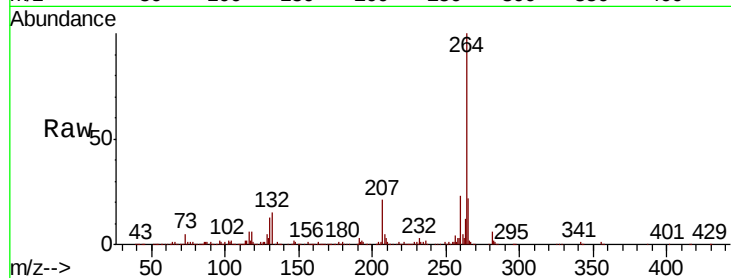
Tot Ion:264 Resp: 735818

Ion Ratio Lower Upper

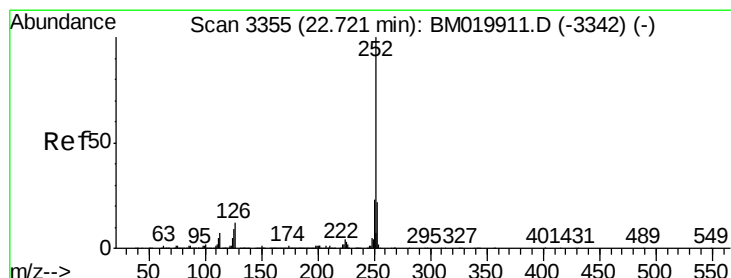
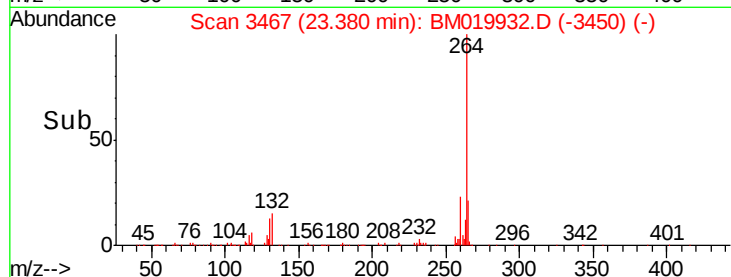
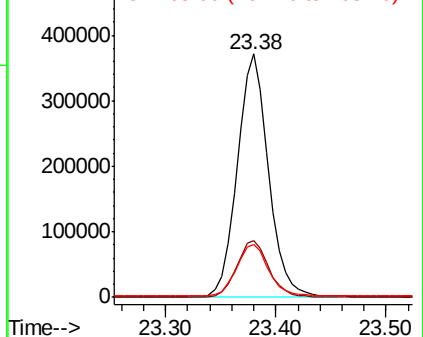
264 100

260 23.3 19.2 28.8

265 21.8 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: 36.410 ng

RT: 22.72 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

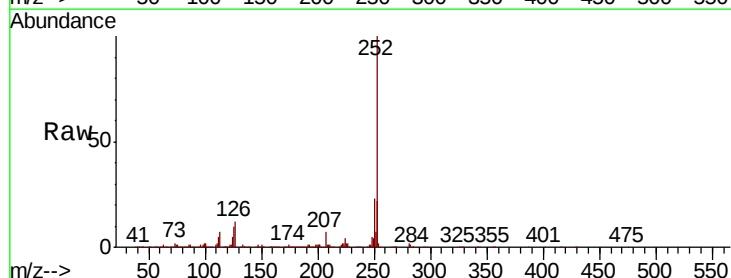
Tgt Ion:252 Resp: 1778971

Ion Ratio Lower Upper

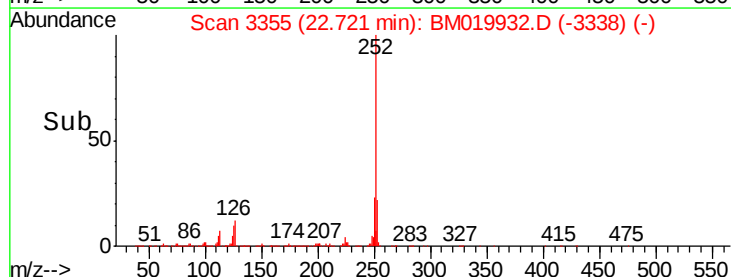
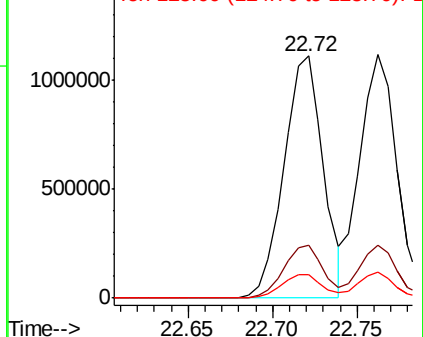
252 100

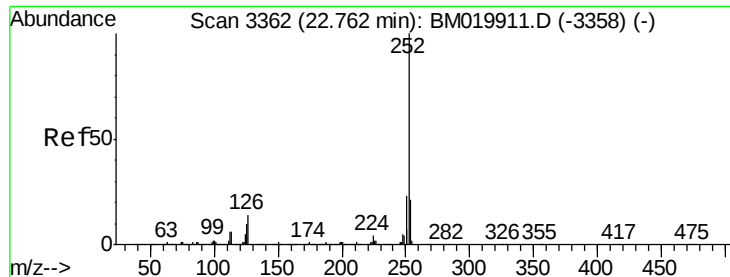
253 22.1 17.5 26.3

125 9.7 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: 36.949 ng

RT: 22.76 min Scan# 3362

Delta R.T. 0.00 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

Instrument :

BNA_M

ClientSampled :

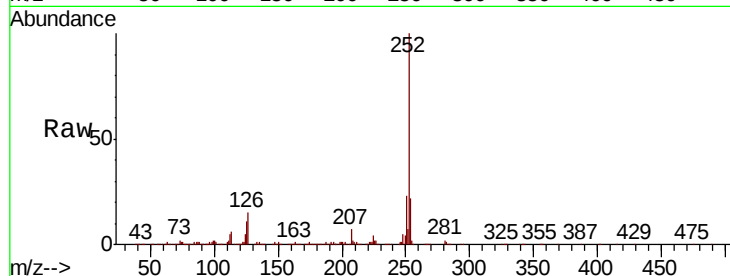
Tot Ion:252 Resp: 1699566

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

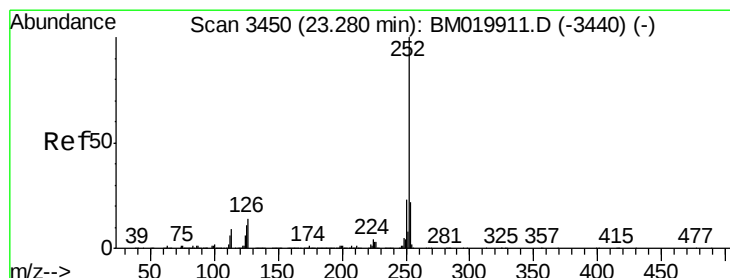
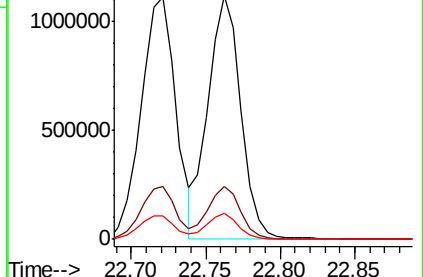
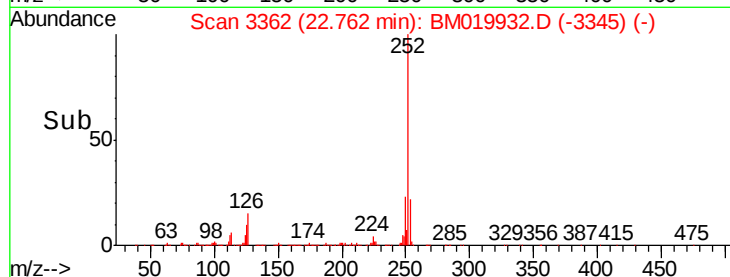
125 10.5 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.669 ng

RT: 23.29 min Scan# 3451

Delta R.T. 0.01 min

Lab File: BM019932.D

Acq: 16 Apr 2019 15:35

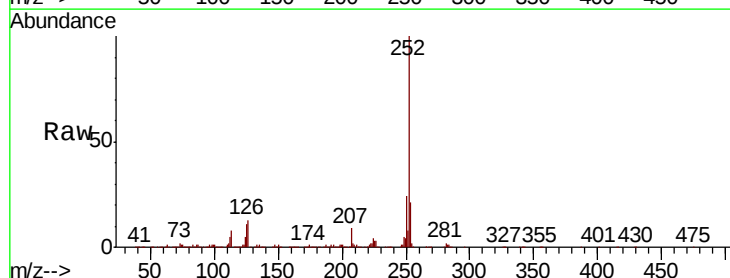
Tgt Ion:252 Resp: 1630771

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

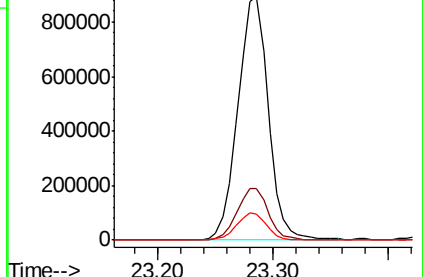
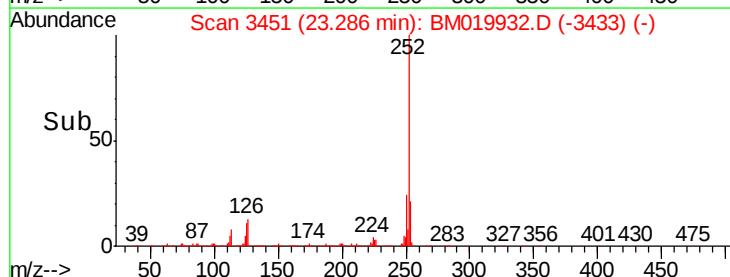
125 10.7 9.1 13.7

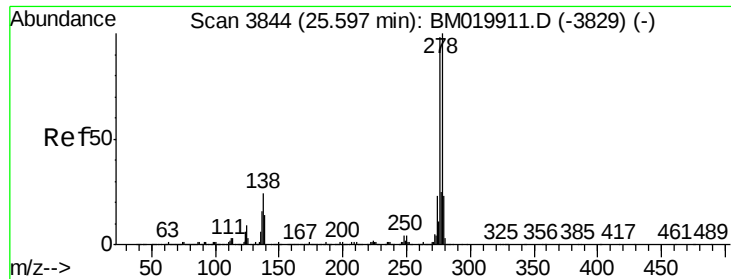


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

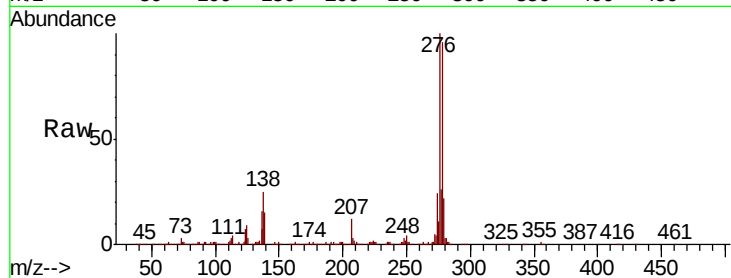




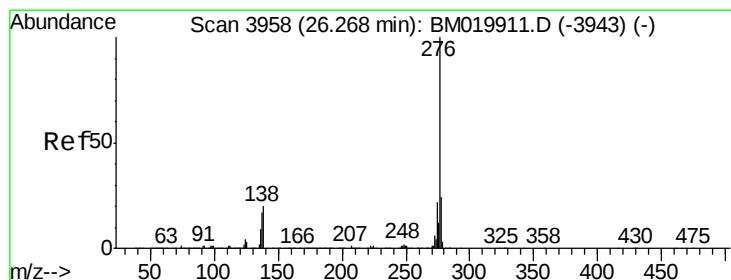
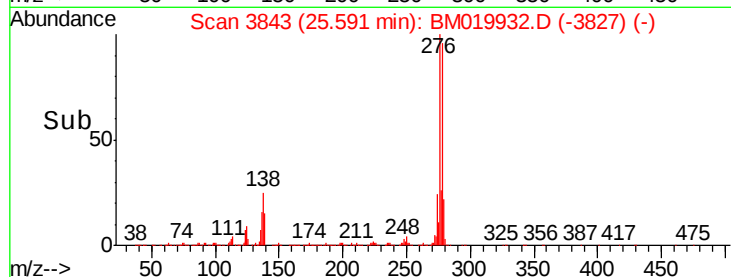
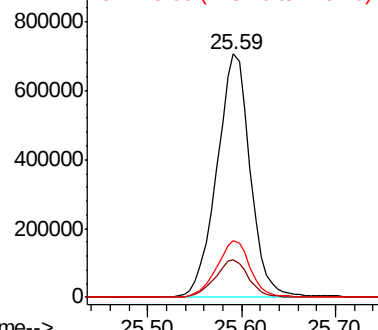
#91
Dibenzo(a,h)anthracene
Concen: 41.732 ng
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 1741868
Ion Ratio Lower Upper
278 100
139 15.6 11.6 17.4
279 23.3 18.4 27.6

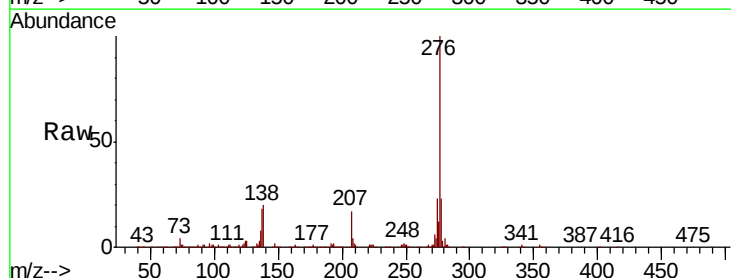


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.369 ng
RT: 26.26 min Scan# 3957
Delta R.T. -0.01 min
Lab File: BM019932.D
Acq: 16 Apr 2019 15:35

Tgt Ion:276 Resp: 1601775
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 19.8 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

