

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041719\
 Data File : BM019940.D
 Acq On : 17 Apr 2019 16:11
 Operator : JU/SJ
 Sample : K2203-10MSDRE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 17 17:42:20 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	179759	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	728205	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	397938	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	739100	20.00	ng	0.00
76) Chrysene-d12	21.17	240	530876	20.00	ng	0.00
87) Perylene-d12	23.37	264	636772	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	1309448	118.06	ng	0.00
7) Phenol-d6	6.73	99	1670577	100.08	ng	0.00
23) Nitrobenzene-d5	8.70	82	1288792	79.15	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	697950	108.96	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	2603087	81.52	ng	0.00
79) Terphenyl-d14	19.60	244	2754290	91.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	164604	34.389	ng	# 74
3) Pyridine	3.54	79	408075	30.443	ng	100
4) n-Nitrosodimethylamine	3.45	42	157690	36.518	ng	98
6) Aniline	6.89	93	155691	7.221	ng	100
8) 2-Chlorophenol	7.10	128	532179	38.576	ng	99
9) Benzaldehyde	6.70	77	188045	16.402	ng	99
10) Phenol	6.76	94	605235	33.185	ng	99
11) bis(2-Chloroethyl)ether	6.98	93	494224	37.037	ng	99
12) 1,3-Dichlorobenzene	7.42	146	520050	35.908	ng	98
13) 1,4-Dichlorobenzene	7.56	146	529089	36.006	ng	99
14) 1,2-Dichlorobenzene	7.87	146	522451	35.858	ng	99
15) Benzyl Alcohol	7.79	79	548631	36.152	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.06	45	453525	35.653	ng	97
17) 2-Methylphenol	7.99	107	441791	36.600	ng	98
18) Hexachloroethane	8.57	117	201339	35.249	ng	97
19) n-Nitroso-di-n-propylamine	8.35	70	495571	33.773	ng	99
20) 3+4-Methylphenols	8.32	107	587671	35.441	ng	99
22) Acetophenone	8.37	105	825584	41.624	ng	# 98
24) Nitrobenzene	8.75	77	694125	41.150	ng	99
25) Isophorone	9.26	82	1232049	38.869	ng	100
26) 2-Nitrophenol	9.45	139	281217	39.121	ng	98
27) 2,4-Dimethylphenol	9.50	122	478138	47.044	ng	97
28) bis(2-Chloroethoxy)methane	9.74	93	699955	39.436	ng	99
29) 2,4-Dichlorophenol	9.97	162	480464	41.623	ng	98
30) 1,2,4-Trichlorobenzene	10.17	180	508497	40.929	ng	100
31) Naphthalene	10.36	128	1561064	39.967	ng	99
32) Benzoic acid	9.68	122	107965	15.158	ng	98
33) 4-Chloroaniline	10.52	127	49213	3.058	ng	97
34) Hexachlorobutadiene	10.61	225	285960	39.026	ng	98
35) Caprolactam	11.33	113	50822	11.631	ng	98
36) 4-Chloro-3-methylphenol	11.63	107	540147	37.659	ng	99
37) 2-Methylnaphthalene	11.98	142	1139517	40.073	ng	99
38) 1-Methylnaphthalene	12.20	142	1081718	38.527	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	533230	43.436	ng	100

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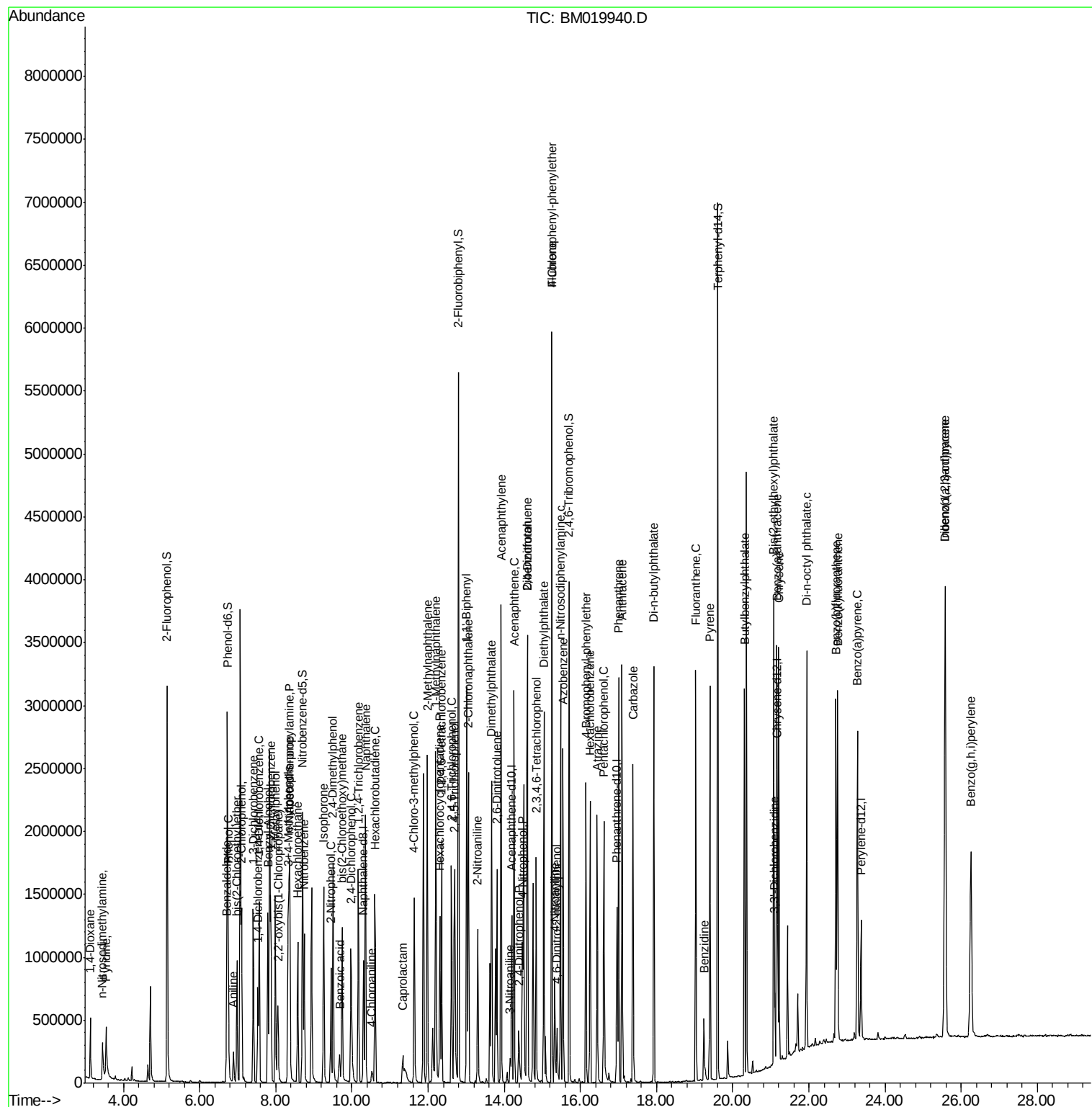
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	338694	78.230	nq	97
43) 2,4,6-Trichlorophenol	12.62	196	363495	43.674	nq	99
44) 2,4,5-Trichlorophenol	12.70	196	370874	42.814	nq	98
46) 1,1'-Biphenyl	13.02	154	1466037	42.535	nq	99
47) 2-Chloronaphthalene	13.06	162	1130679	43.008	nq	99
48) 2-Nitroaniline	13.30	65	375052	39.578	nq	99
49) Acenaphthylene	13.92	152	1812248	39.618	nq	100
50) Dimethylphthalate	13.67	163	1431203	40.774	nq	99
51) 2,6-Dinitrotoluene	13.81	165	306541	39.494	nq	96
52) Acenaphthene	14.26	154	1028112	40.536	nq	98
53) 3-Nitroaniline	14.15	138	54372	7.016	nq	99
54) 2,4-Dinitrophenol	14.38	184	111182	29.224	nq	96
55) Dibenzofuran	14.60	168	1665853	40.166	nq	100
56) 4-Nitrophenol	14.47	139	339386	57.291	nq	98
57) 2,4-Dinitrotoluene	14.61	165	417823	37.449	nq	99
58) Fluorene	15.25	166	1362343	38.766	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.84	232	311156	39.367	nq	99
60) Diethylphthalate	15.04	149	1467181	40.190	nq	100
61) 4-Chlorophenyl-phenylether	15.25	204	681840	40.297	nq	100
62) 4-Nitroaniline	15.33	138	218621	28.630	nq	99
63) Azobenzene	15.54	77	1532247	39.271	nq	100
65) 4,6-Dinitro-2-methylphenol	15.39	198	103610	21.971	nq	100
66) n-Nitrosodiphenylamine	15.48	169	1125824	46.593	nq	100
67) 4-Bromophenyl-phenylether	16.14	248	385595	45.378	nq	98
68) Hexachlorobenzene	16.25	284	438876	43.044	nq	98
69) Atrazine	16.44	200	364148	44.394	nq	98
70) Pentachlorophenol	16.62	266	382414	73.405	nq	99
71) Phenanthrene	17.00	178	1793406	40.889	nq	100
72) Anthracene	17.09	178	1825411	41.810	nq	100
73) Carbazole	17.38	167	1548872	37.997	nq	99
74) Di-n-butylphthalate	17.93	149	2201129	41.117	nq	99
75) Fluoranthene	19.03	202	1722792	34.131	nq	100
77) Benzidine	19.24	184	312188	21.313	nq	98
78) Pyrene	19.40	202	1708315	48.592	nq	100
80) Butylbenzylphthalate	20.31	149	819908	48.104	nq	95
81) Benzo(a)anthracene	21.16	228	1478780	43.973	nq	100
82) 3,3'-Dichlorobenzidine	21.10	252	229053	18.307	nq	98
83) Chrysene	21.21	228	1457161	45.182	nq	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	1187598	46.802	nq	100
85) Di-n-octyl phthalate	21.94	149	1969086	47.824	nq	100
86) Indeno(1,2,3-cd)pyrene	25.58	276	2207341	69.575	nq	100
88) Benzo(b)fluoranthene	22.71	252	1686482	39.886	nq	99
89) Benzo(k)fluoranthene	22.76	252	1647331	41.384	nq	100
90) Benzo(a)pyrene	23.27	252	1639719	43.767	nq	99
91) Dibenzo(a,h)anthracene	25.58	278	1886062	52.215	nq	98
92) Benzo(g,h,i)perylene	26.26	276	1771808	54.157	nq	100

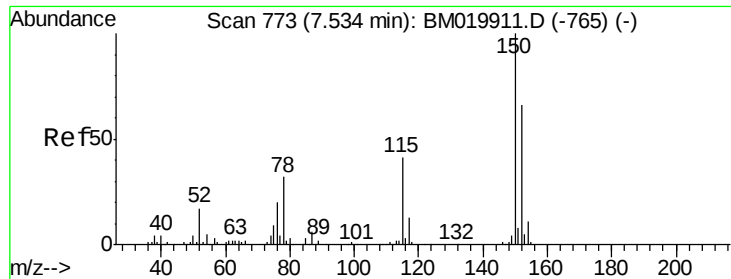
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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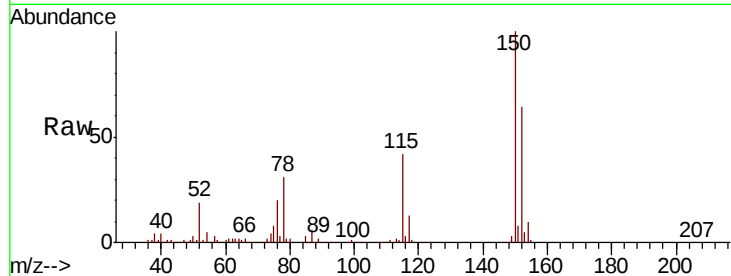


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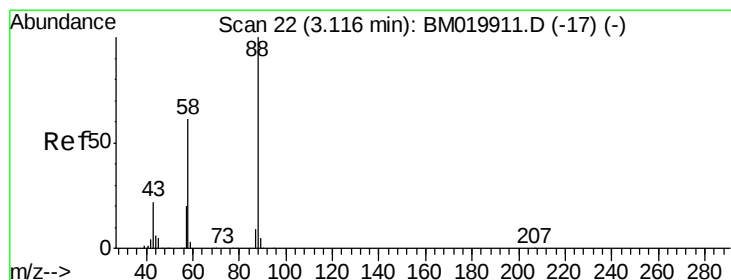
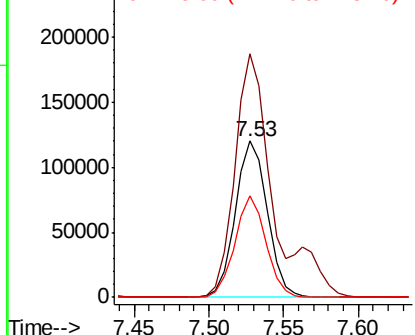
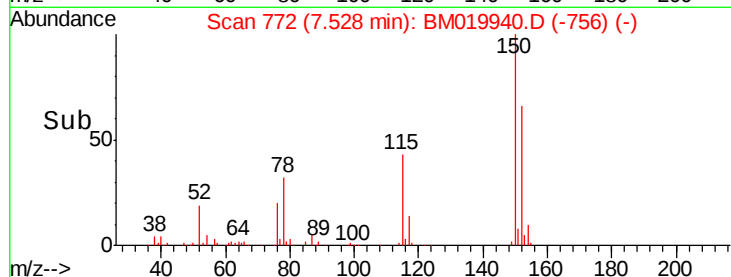
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 179759
Ion Ratio Lower Upper
152 100
150 156.1 122.1 183.1
115 65.4 50.0 75.0



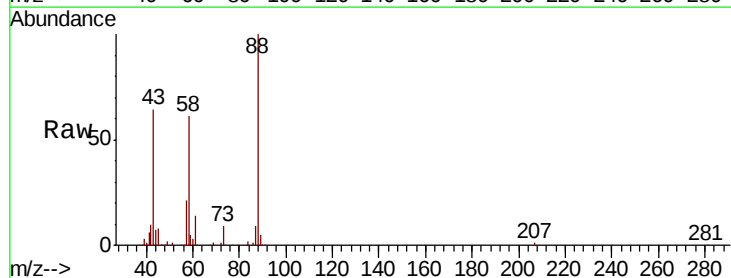
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



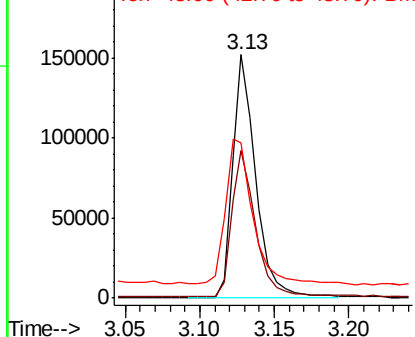
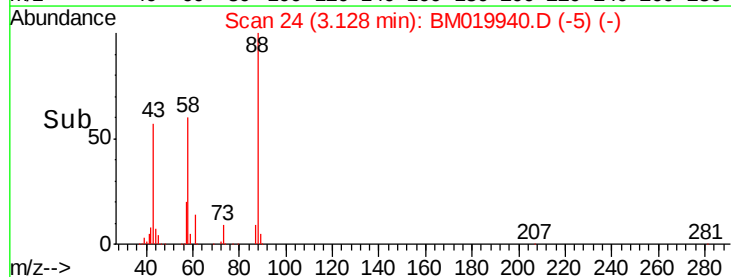
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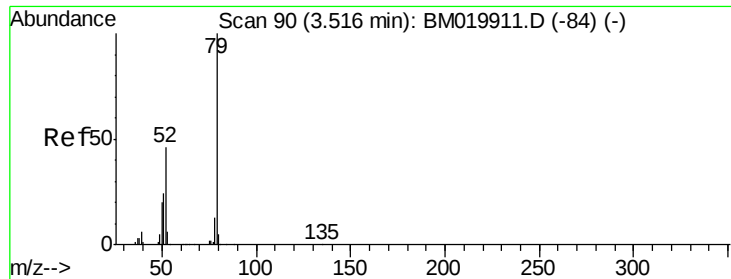
1,4-Dioxane
Concen: 34.389 ng
RT: 3.13 min Scan# 24
Delta R.T. 0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion: 88 Resp: 164604
Ion Ratio Lower Upper
88 100
58 61.6 49.6 74.4
43 69.5 18.6 27.8#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 30.443 ng

RT: 3.54 min Scan# 94

Delta R.T. 0.02 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampleId :

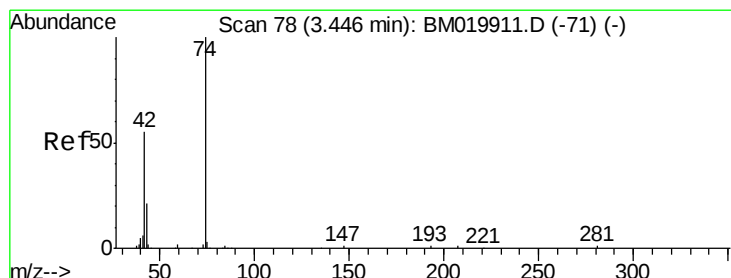
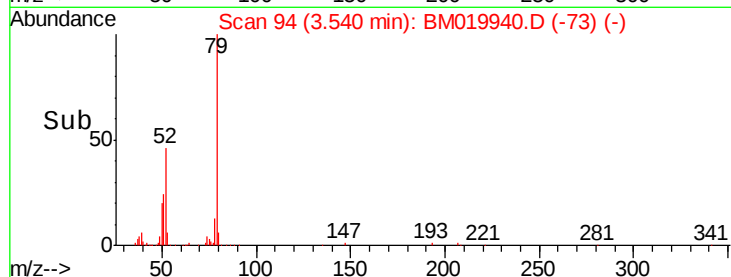
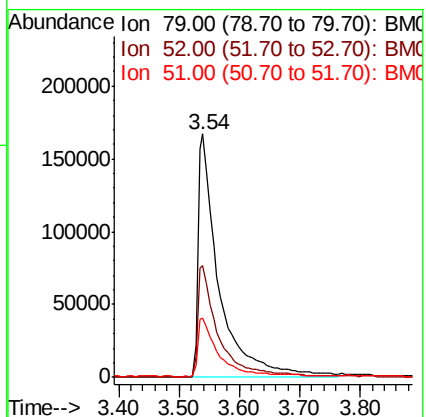
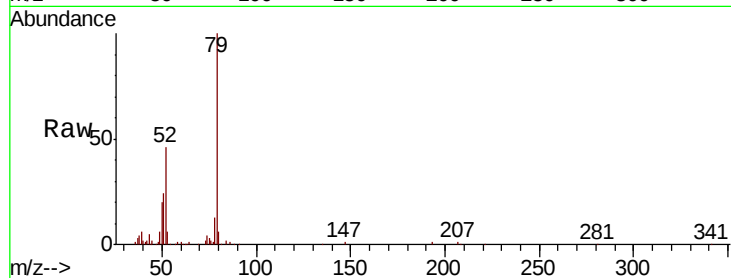
Tot Ion: 79 Resp: 408075

Ion Ratio Lower Upper

79 100

52 46.2 36.9 55.3

51 24.4 20.0 30.0



#4

n-Nitrosodimethylamine

Concen: 36.518 ng

RT: 3.45 min Scan# 79

Delta R.T. 0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

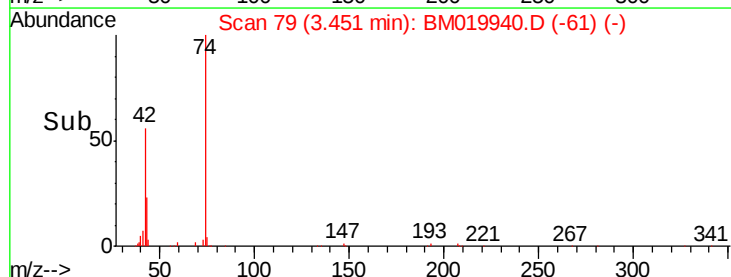
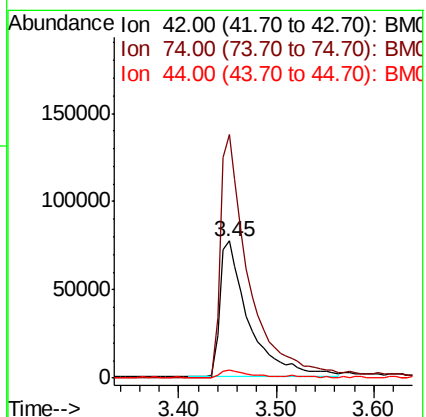
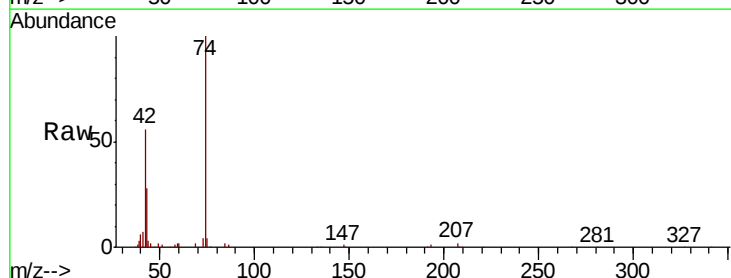
Tgt Ion: 42 Resp: 157690

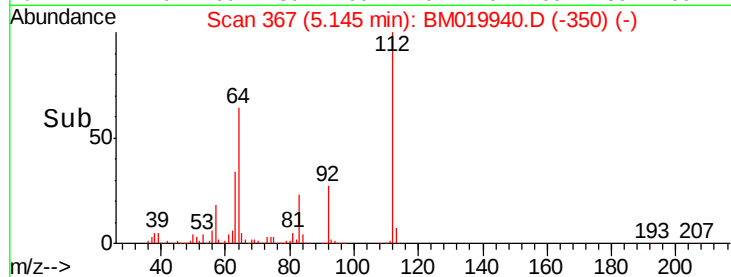
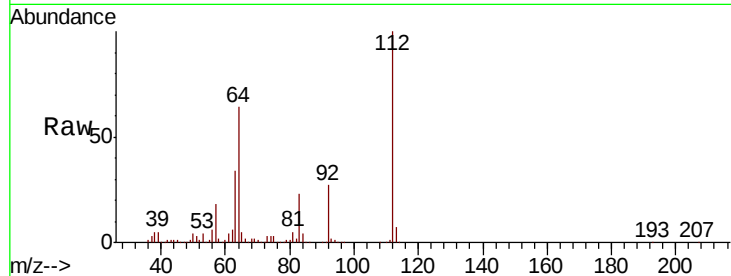
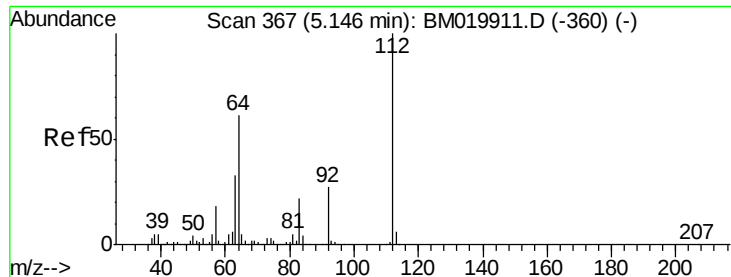
Ion Ratio Lower Upper

42 100

74 178.0 144.6 217.0

44 5.8 5.4 8.2





#5

2-Fluorophenol

Concen: 118.056 ng

RT: 5.15 min Scan# 367

Delta R.T. 0.00 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampled :

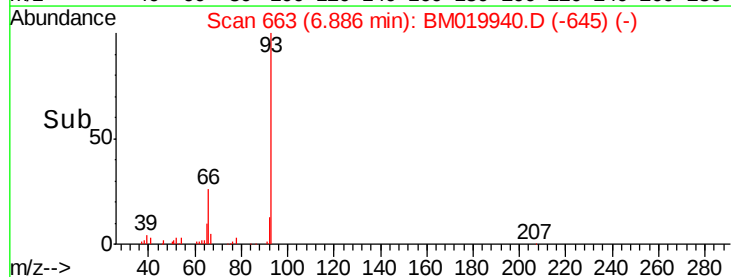
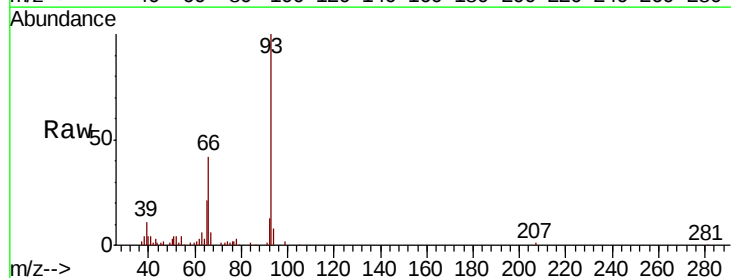
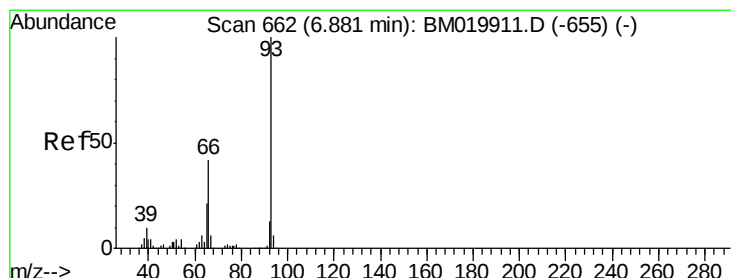
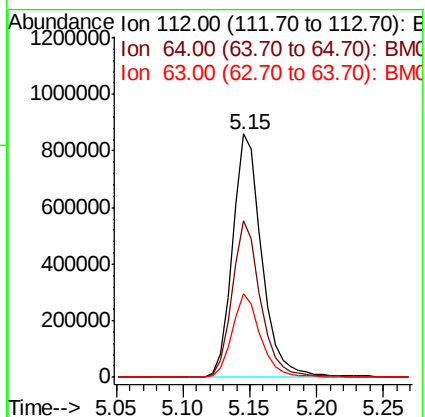
Tot Ion:112 Resp: 1309448

Ion Ratio Lower Upper

112 100

64 64.1 49.1 73.7

63 34.2 26.5 39.7



#6

Aniline

Concen: 7.221 ng

RT: 6.89 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

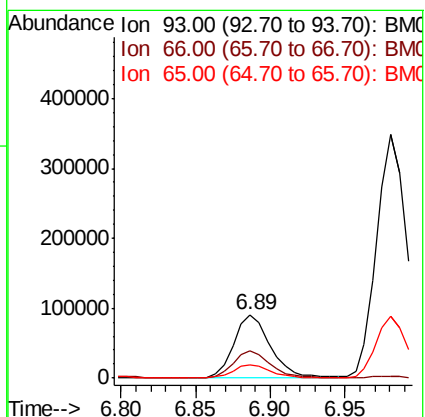
Tgt Ion: 93 Resp: 155691

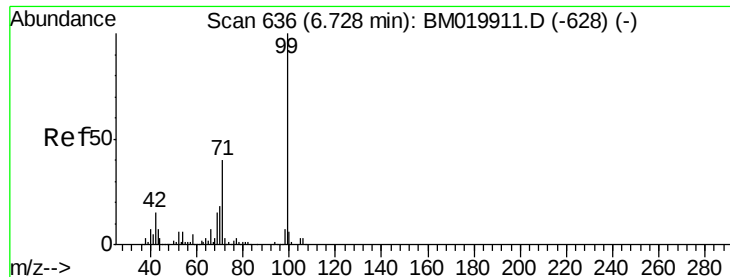
Ion Ratio Lower Upper

93 100

66 42.1 33.9 50.9

65 21.2 17.0 25.6





#7

Phenol-d6

Concen: 100.077 ng

RT: 6.73 min Scan# 636

Delta R.T. -0.00 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

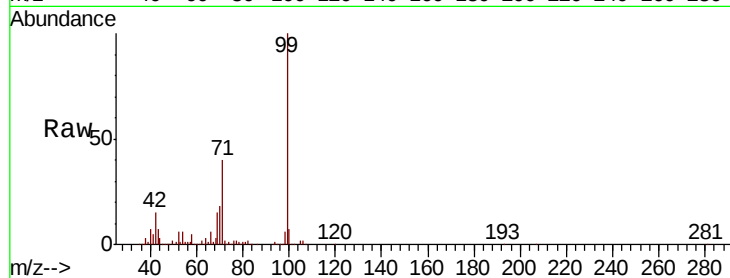
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1670577

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.8	17.8
71	40.0	32.0	48.0

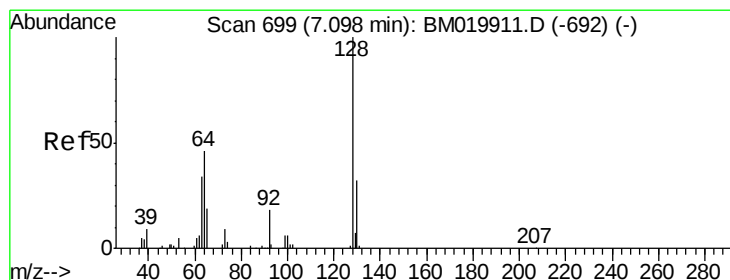
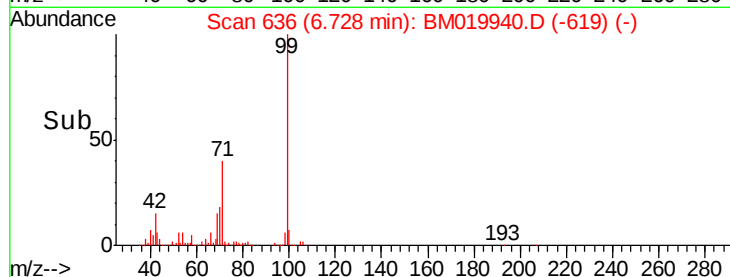
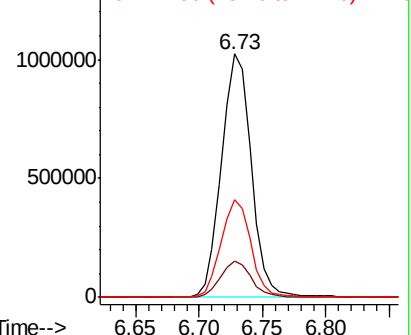


Abundance

Ion 99.00 (98.70 to 99.70): BM019940.D (-619) (-)

Ion 42.00 (41.70 to 42.70): BM019940.D (-619) (-)

Ion 71.00 (70.70 to 71.70): BM019940.D (-619) (-)



#8

2-Chlorophenol

Concen: 38.576 ng

RT: 7.10 min Scan# 699

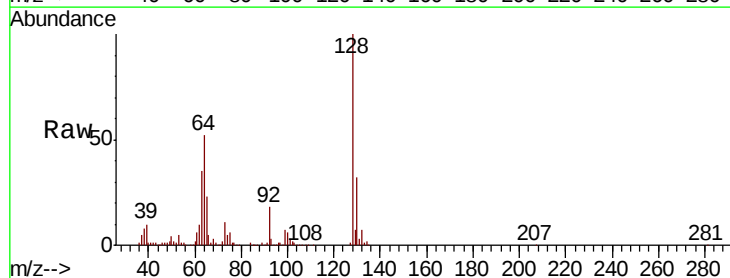
Delta R.T. -0.00 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Tgt Ion: 128 Resp: 532179

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.0	52.0
64	51.7	33.0	73.0

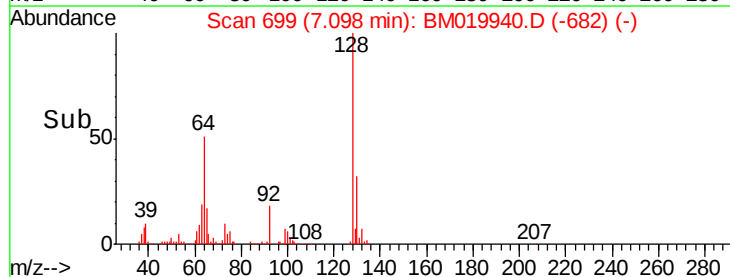
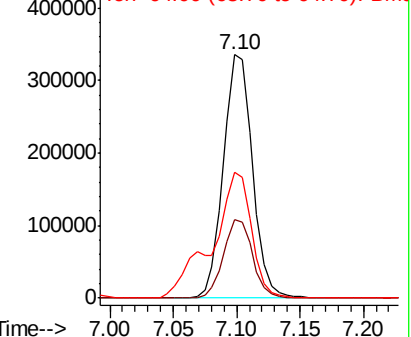


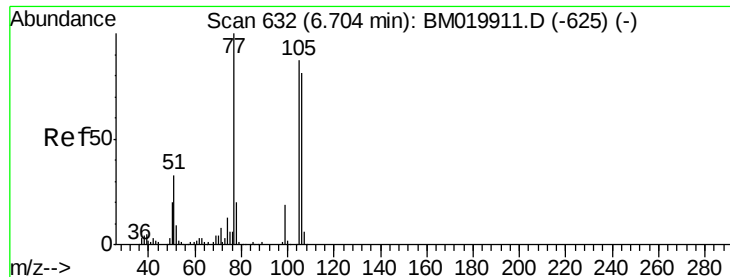
Abundance

Ion 128.00 (127.70 to 128.70): BM019940.D (-682) (-)

Ion 130.00 (129.70 to 130.70): BM019940.D (-682) (-)

Ion 64.00 (63.70 to 64.70): BM019940.D (-682) (-)





#9

Benzaldehyde

Concen: 16.402 ng

RT: 6.70 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

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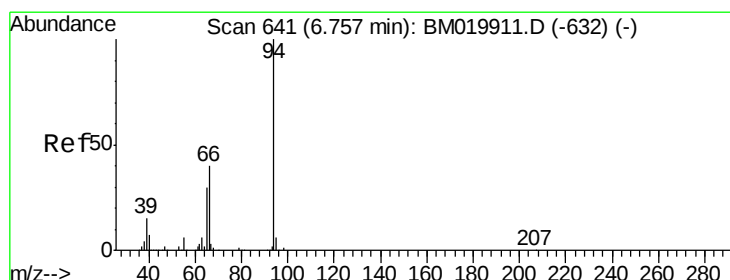
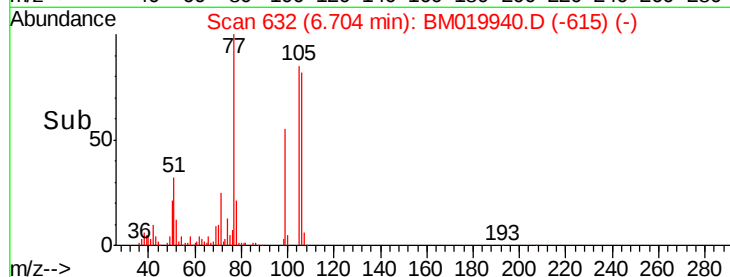
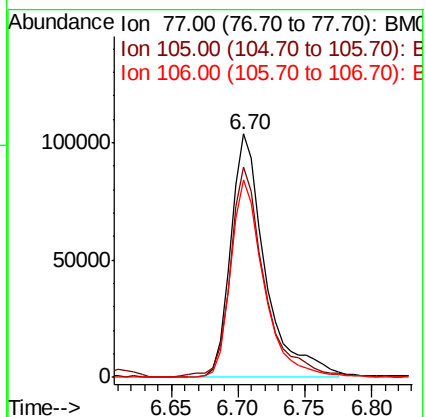
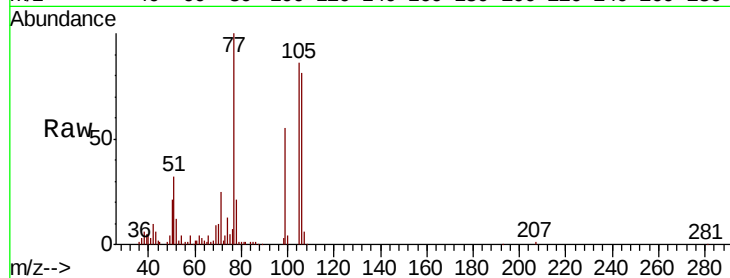
Tot Ion: 77 Resp: 188045

Ion Ratio Lower Upper

77 100

105 86.3 67.3 107.3

106 81.2 60.6 100.6



#10

Phenol

Concen: 33.185 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

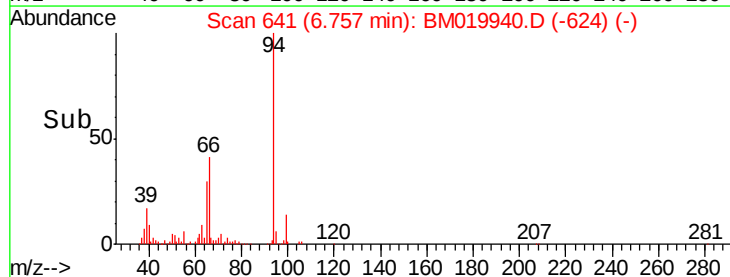
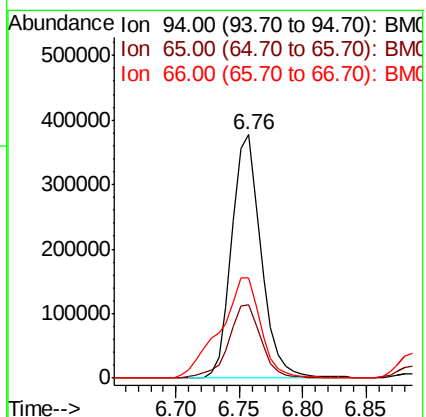
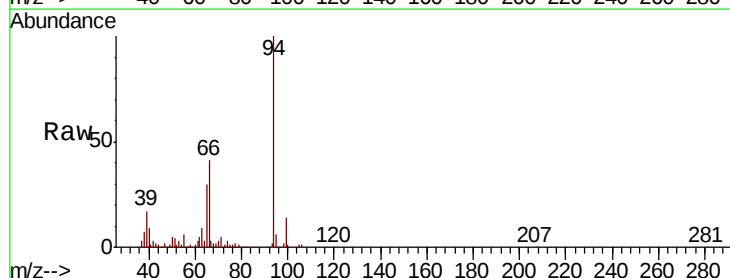
Tgt Ion: 94 Resp: 605235

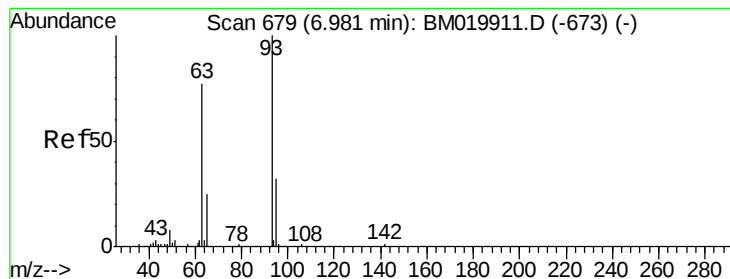
Ion Ratio Lower Upper

94 100

65 30.1 10.0 50.0

66 41.3 20.2 60.2





#11

bis(2-Chloroethyl)ether

Concen: 37.037 ng

RT: 6.98 min Scan# 679

Delta R.T. -0.00 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampleId :

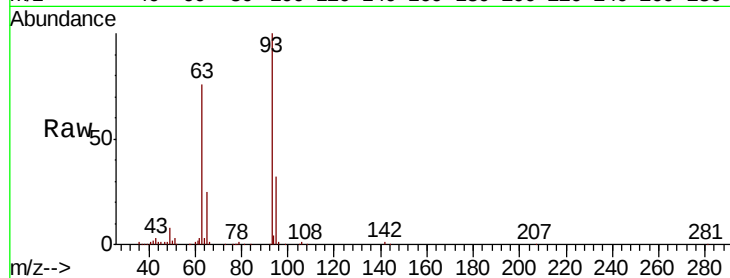
Tot Ion: 93 Resp: 494224

Ion Ratio Lower Upper

93 100

63 76.2 55.8 95.8

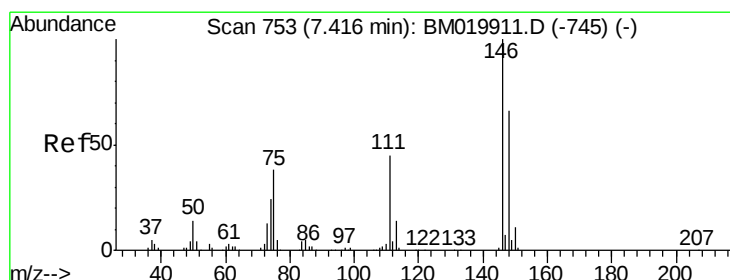
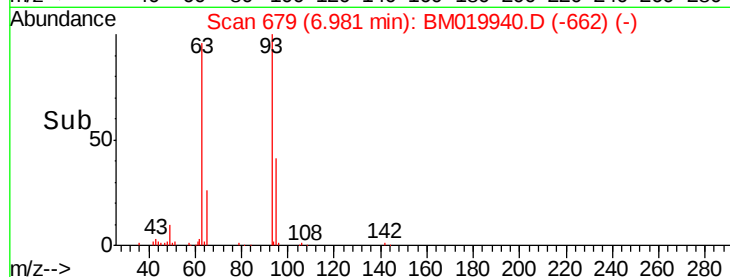
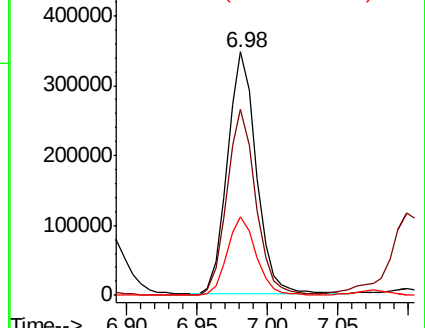
95 32.2 11.6 51.6



Abundance Ion 93.00 (92.70 to 93.70): BM019940.D (-673) (-)

Ion 63.00 (62.70 to 63.70): BM019940.D (-673) (-)

Ion 95.00 (94.70 to 95.70): BM019940.D (-673) (-)



#12

1,3-Dichlorobenzene

Concen: 35.908 ng

RT: 7.42 min Scan# 753

Delta R.T. -0.00 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

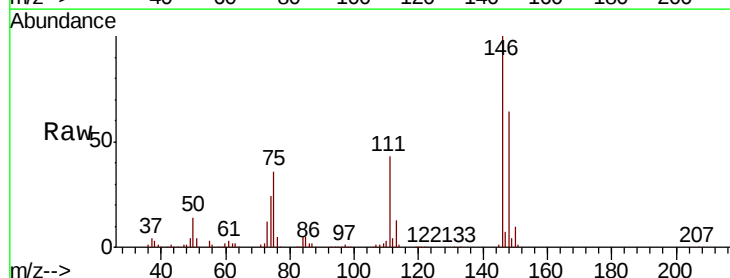
Tgt Ion: 146 Resp: 520050

Ion Ratio Lower Upper

146 100

148 63.8 52.6 78.8

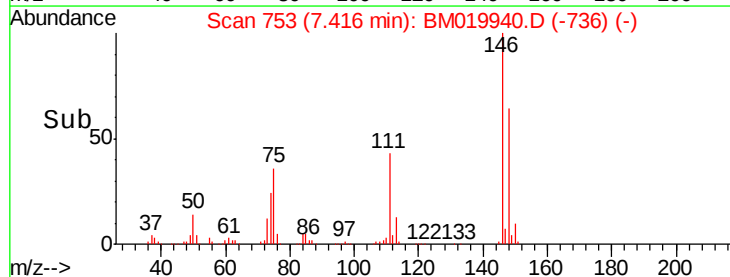
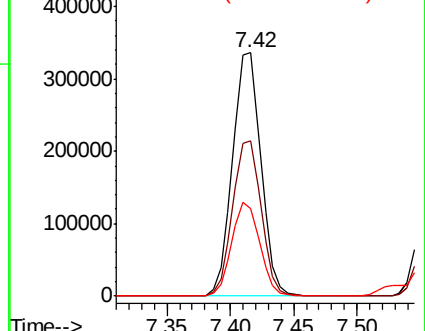
75 36.1 30.0 45.0

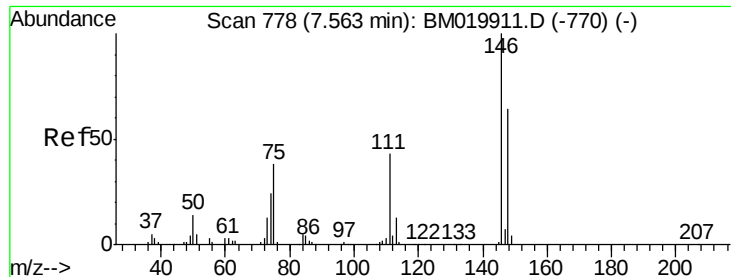


Abundance Ion 146.00 (145.70 to 146.70): BM019940.D (-745) (-)

Ion 148.00 (147.70 to 148.70): BM019940.D (-745) (-)

Ion 75.00 (74.70 to 75.70): BM019940.D (-745) (-)

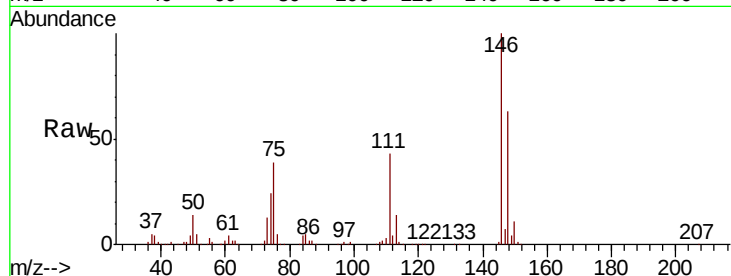




#13
 1,4-Dichlorobenzene
 Concen: 36.006 ng
 RT: 7.56 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BM019940.D
 Acq: 17 Apr 2019 16:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	42.9	34.6	51.8

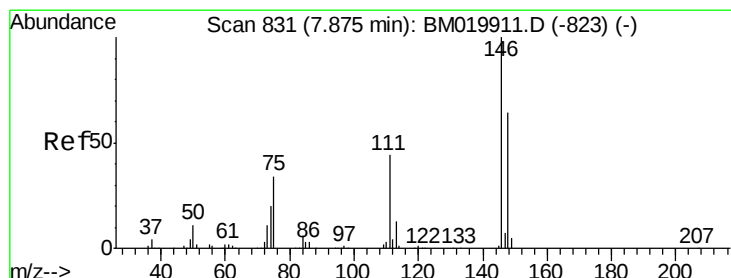
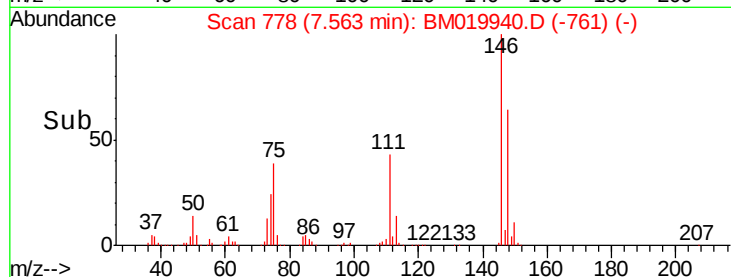
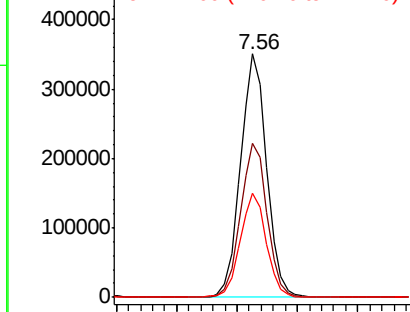


Abundance

Ion 146.00 (145.70 to 146.70): E

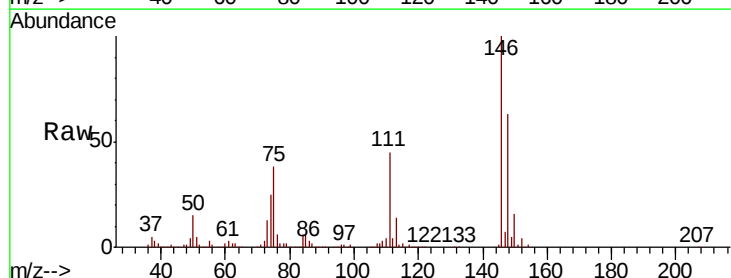
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 35.858 ng
 RT: 7.87 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BM019940.D
 Acq: 17 Apr 2019 16:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
111	45.2	35.4	53.0

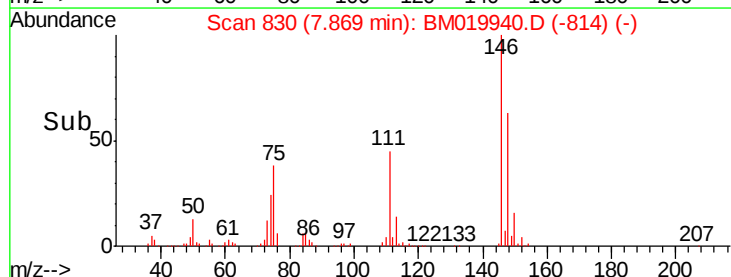
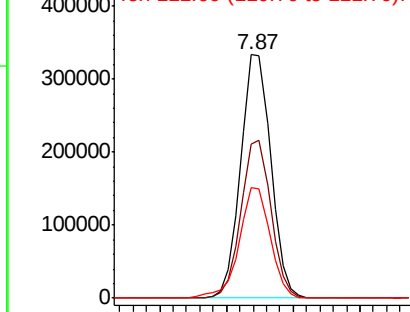


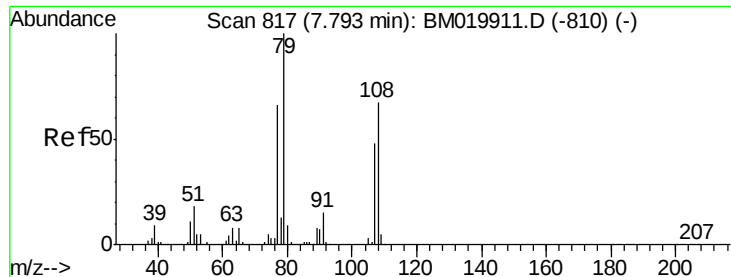
Abundance

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: 36.152 ng

RT: 7.79 min Scan# 817

Delta R.T. -0.00 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampleId :

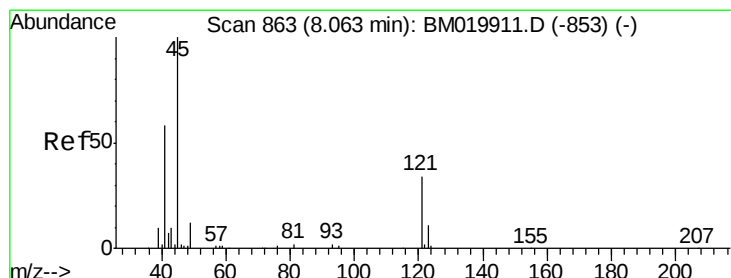
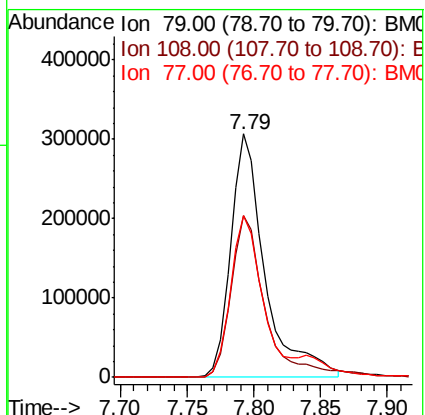
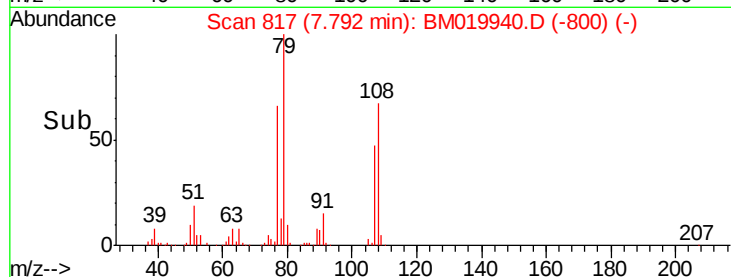
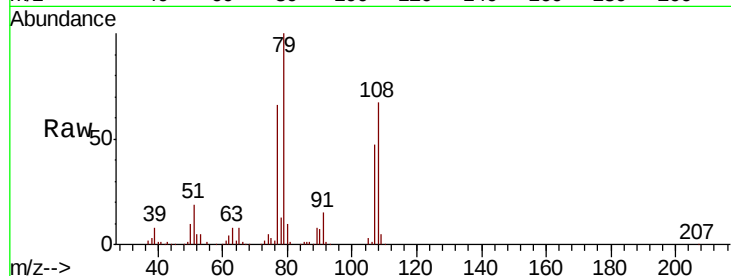
Tot Ion: 79 Resp: 548631

Ion Ratio Lower Upper

79 100

108 66.6 53.9 80.9

77 66.3 53.1 79.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.653 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

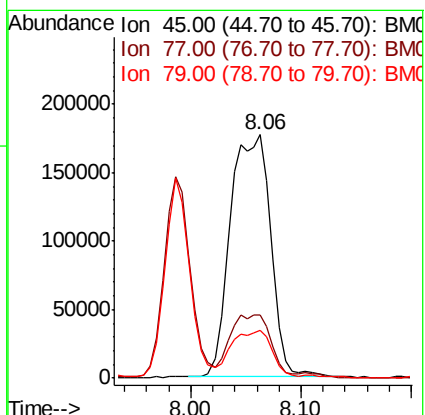
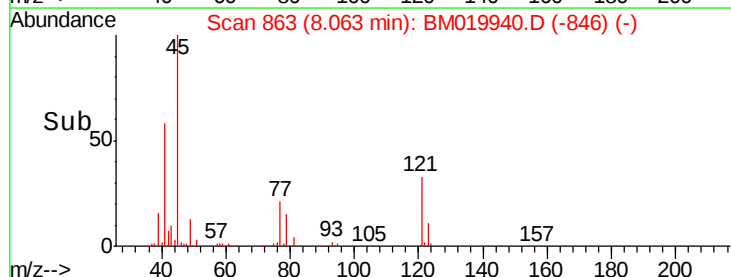
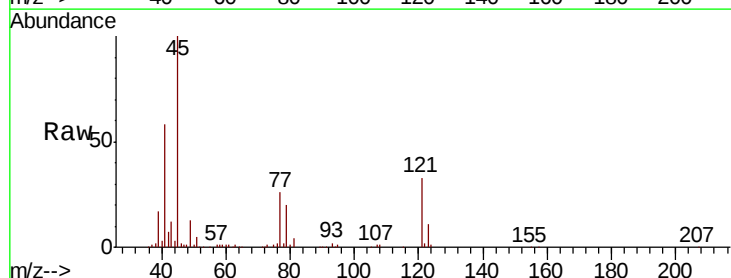
Tgt Ion: 45 Resp: 453525

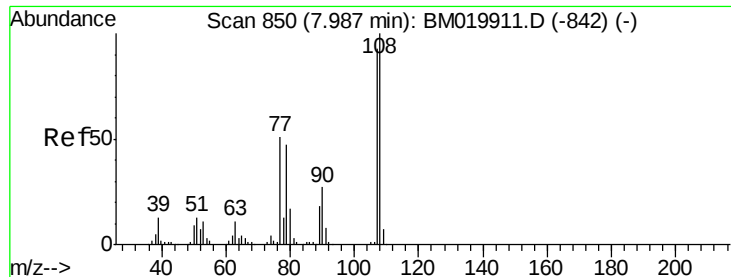
Ion Ratio Lower Upper

45 100

77 26.0 7.2 47.2

79 19.7 1.2 41.2

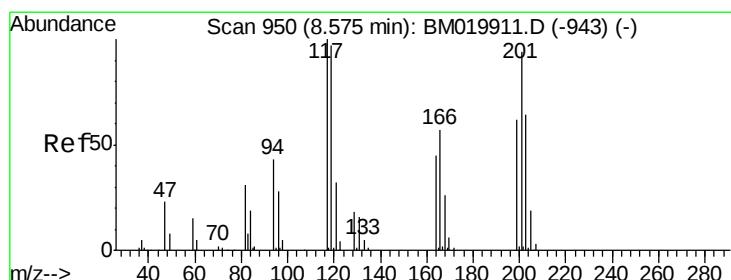
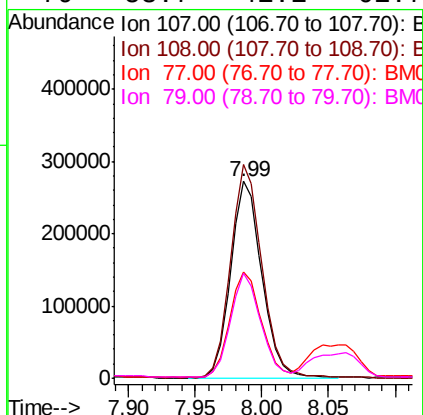
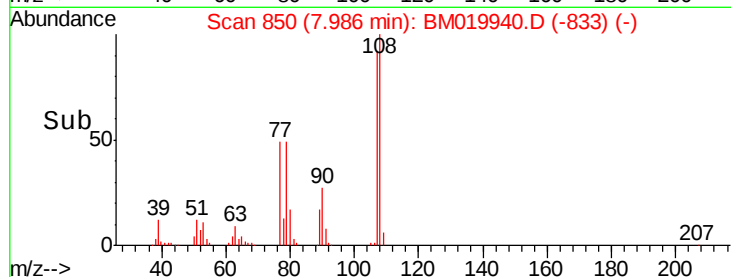
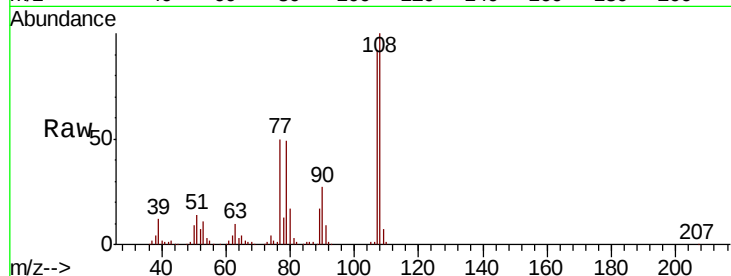




#17
2-Methylphenol
Concen: 36.600 ng
RT: 7.99 min Scan# 850
Delta R.T. -0.00 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

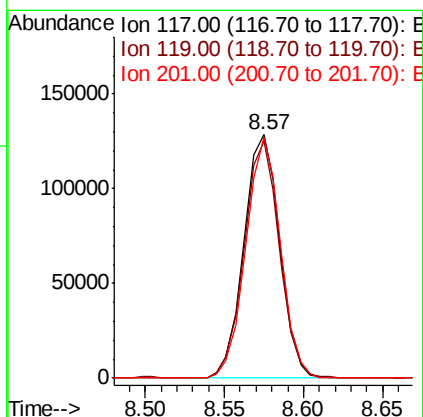
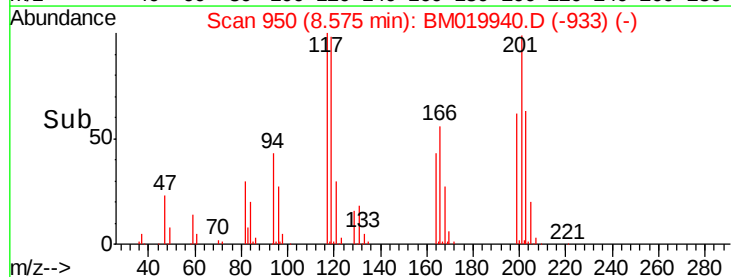
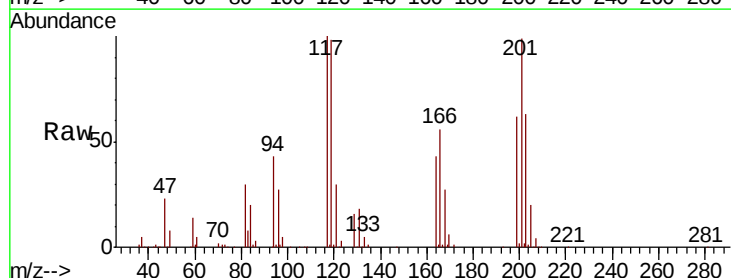
Instrument :
BNA_M
ClientSampleID :

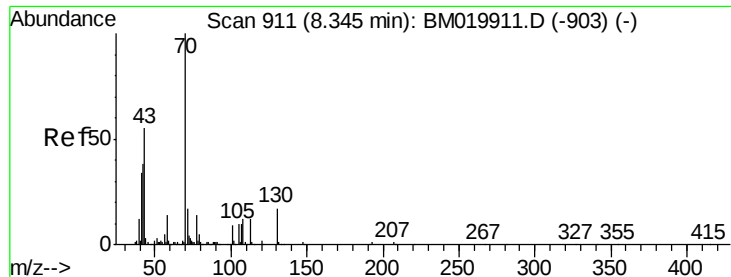
Tot Ion:	107	Resp:	441791
Ion	Ratio	Lower	Upper
107	100		
108	108.7	85.9	128.9
77	53.9	43.8	65.6
79	53.7	41.1	61.7



#18
Hexachloroethane
Concen: 35.249 ng
RT: 8.57 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion:	117	Resp:	201339
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.6	116.4
201	99.1	75.4	113.2

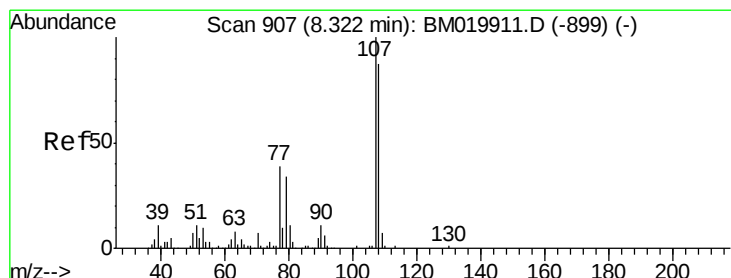
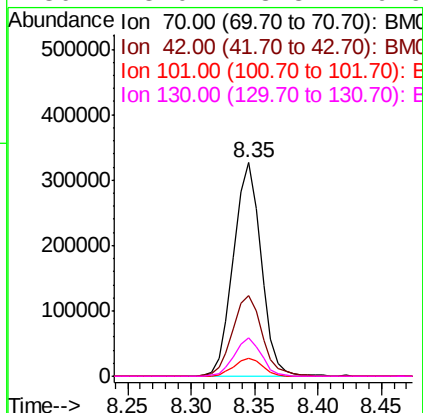
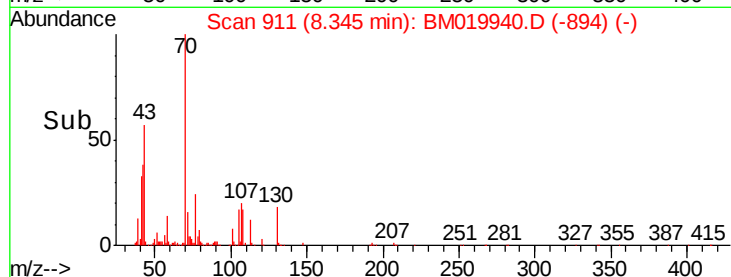
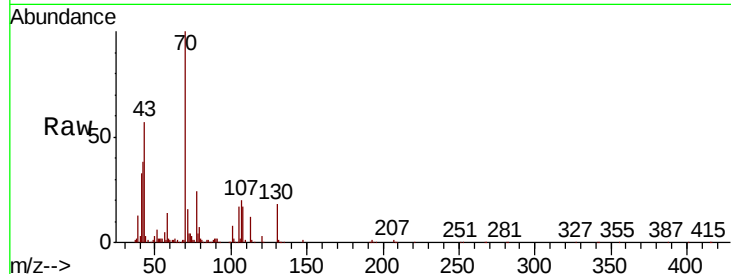




#19
n-Nitroso-di-n-propylamine
Concen: 33.773 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.00 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

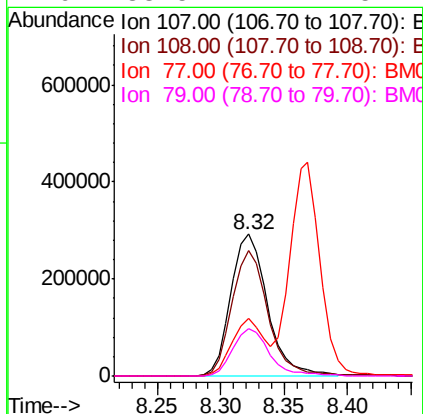
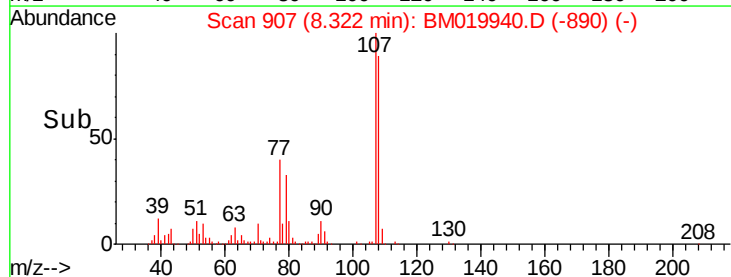
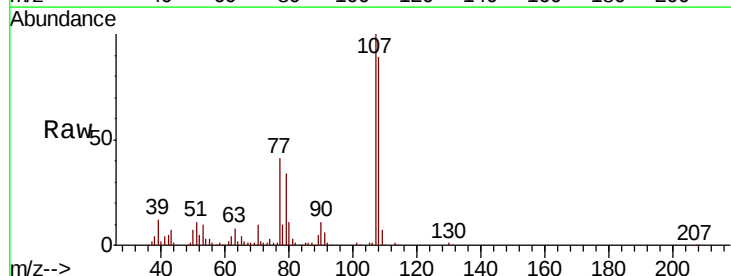
Instrument :
BNA_M
ClientSampled :

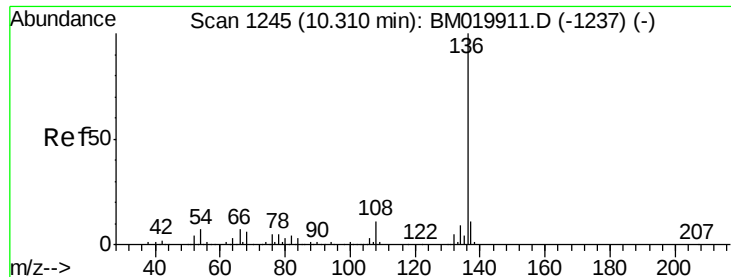
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.6	30.3	45.5	
101	8.4	6.9	10.3	
130	18.0	13.8	20.6	



#20
3+4-Methylphenols
Concen: 35.441 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	67.4	107.4	
77	40.6	19.7	59.7	
79	33.5	14.1	54.1	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.30 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM019940.D

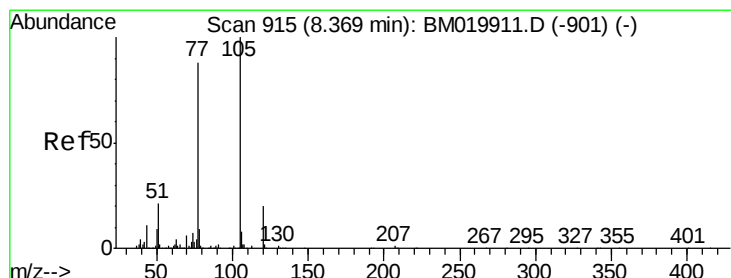
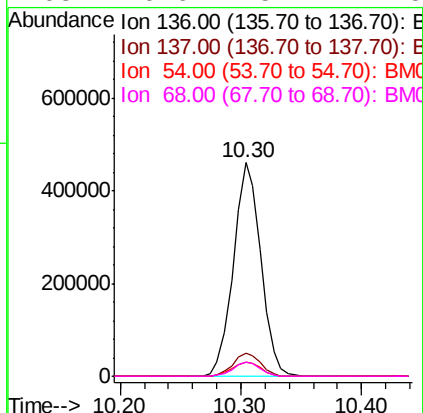
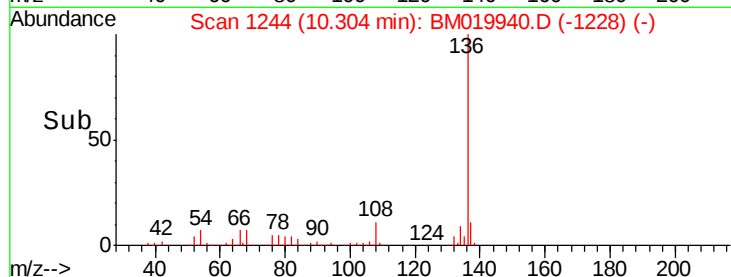
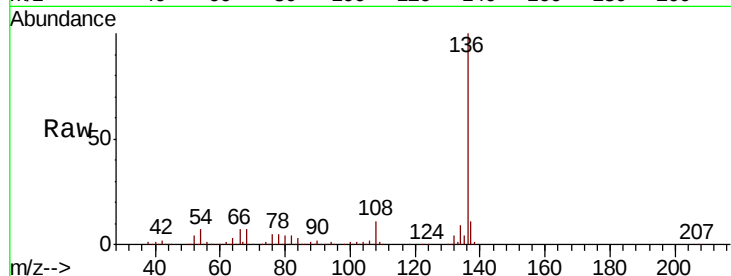
Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136	Resp:	728205
Ion	Ratio	Lower Upper
136	100	
137	10.5	9.0 13.6
54	6.6	5.3 7.9
68	6.6	5.2 7.8



#22

Acetophenone

Concen: 41.624 ng

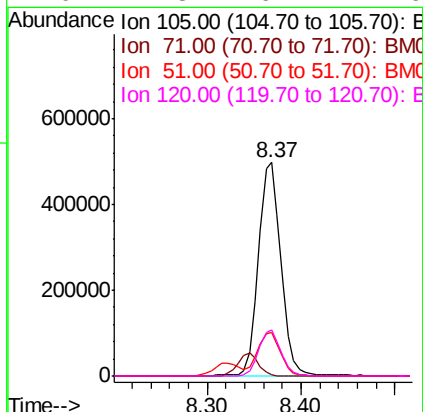
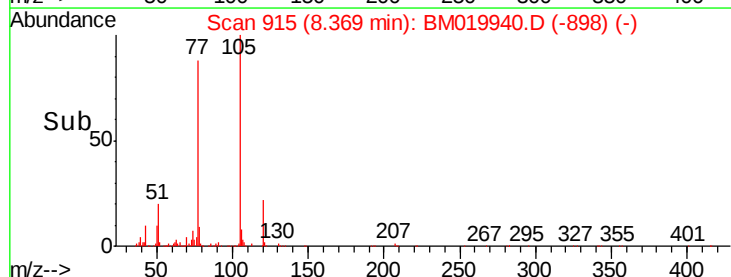
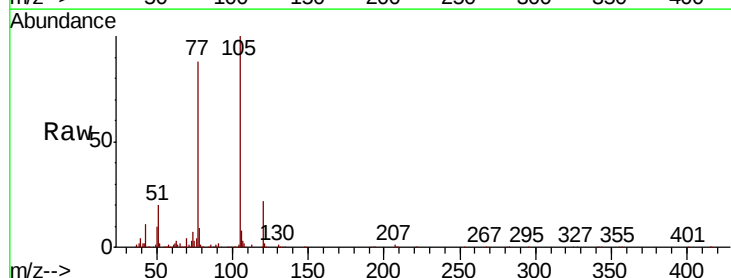
RT: 8.37 min Scan# 915

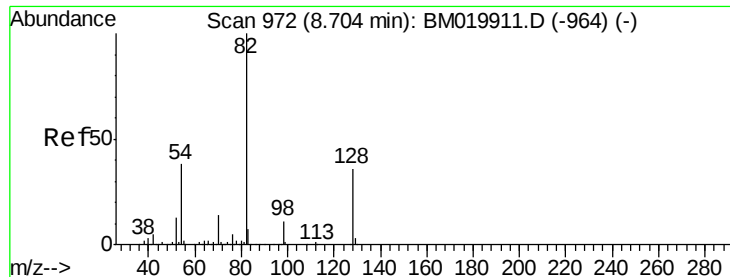
Delta R.T. -0.00 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Tgt Ion:105	Resp:	825584
Ion	Ratio	Lower Upper
105	100	
71	0.7	0.8 1.2#
51	20.2	16.9 25.3
120	21.8	16.4 24.6



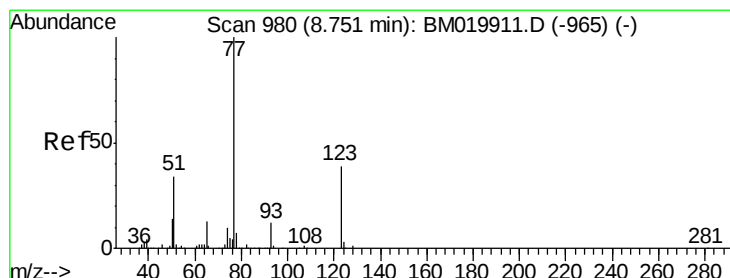
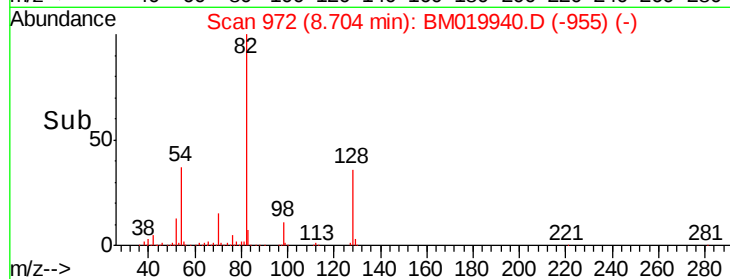
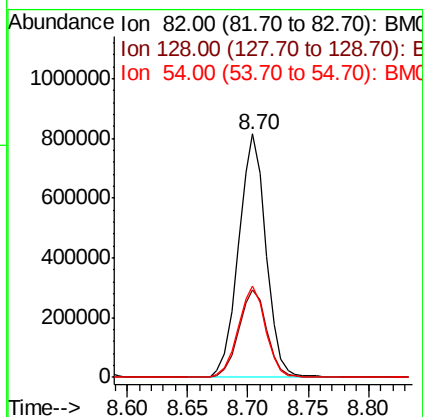
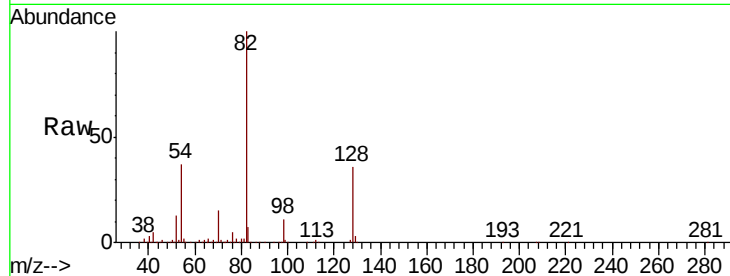


#23
 Nitrobenzene-d5
 Concen: 79.148 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM019940.D
 Acq: 17 Apr 2019 16:11

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1288792

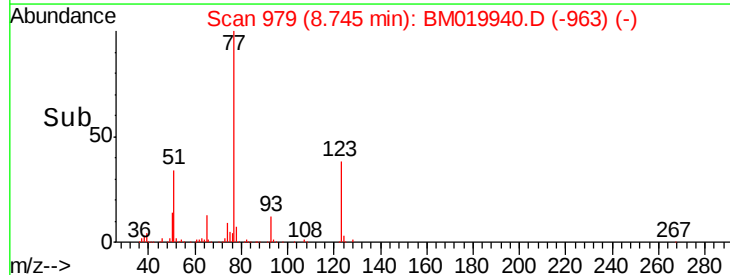
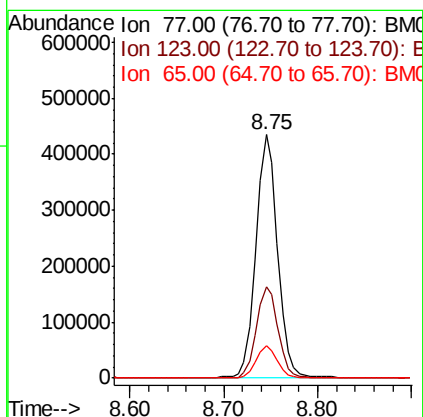
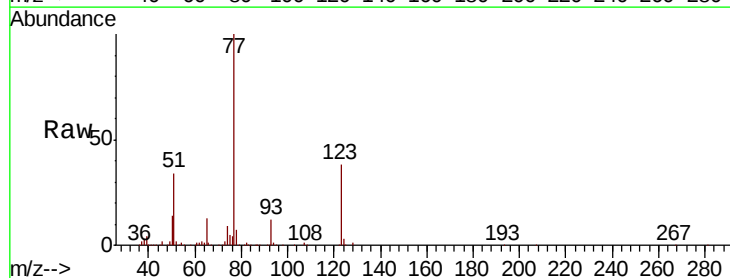
Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.0	43.4
54	37.4	30.2	45.4

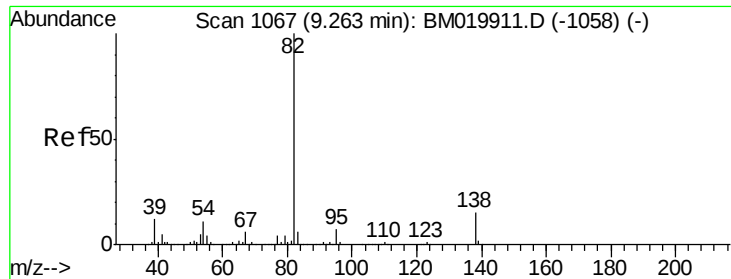


#24
 Nitrobenzene
 Concen: 41.150 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019940.D
 Acq: 17 Apr 2019 16:11

Tgt Ion: 77 Resp: 694125

Ion	Ratio	Lower	Upper
77	100		
123	37.7	31.0	46.4
65	13.4	10.6	16.0





#25

Isophorone

Concen: 38.869 ng

RT: 9.26 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampleId :

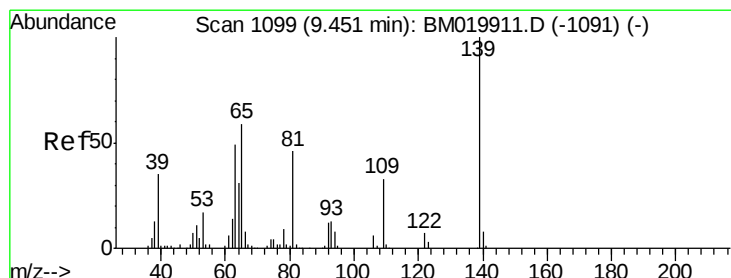
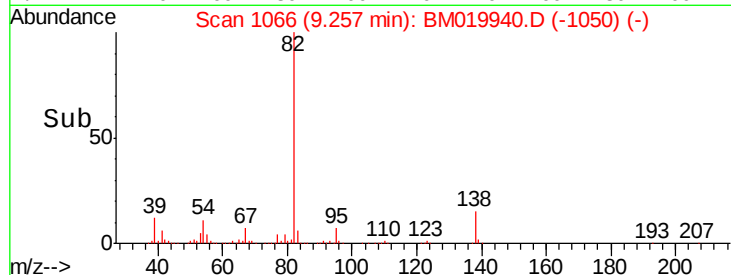
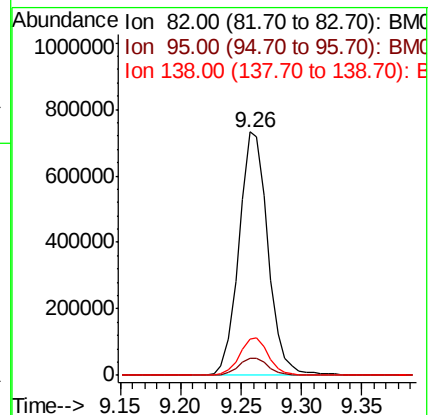
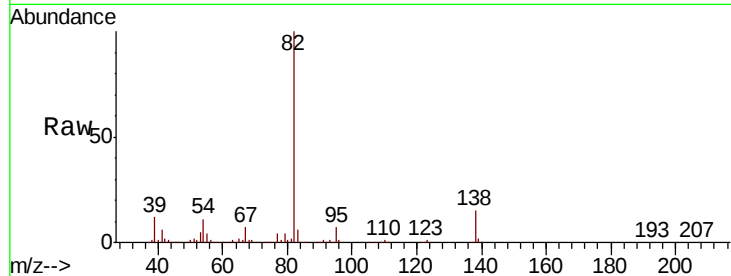
Tot Ion: 82 Resp: 1232049

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

138 15.0 12.2 18.2



#26

2-Nitrophenol

Concen: 39.121 ng

RT: 9.45 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

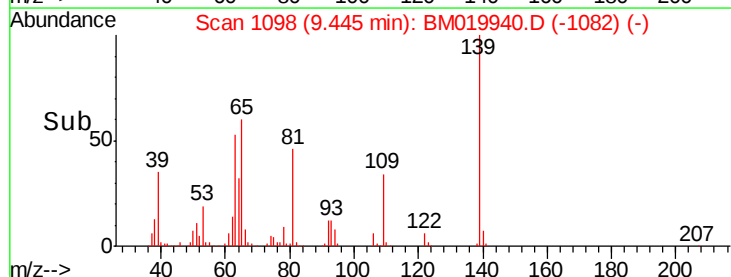
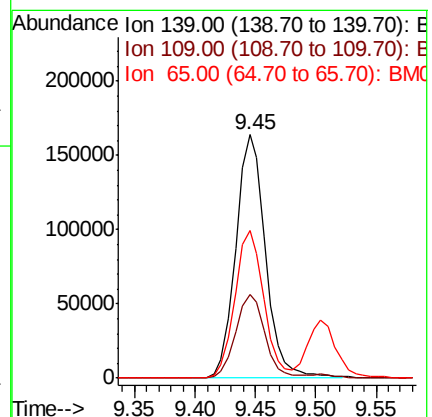
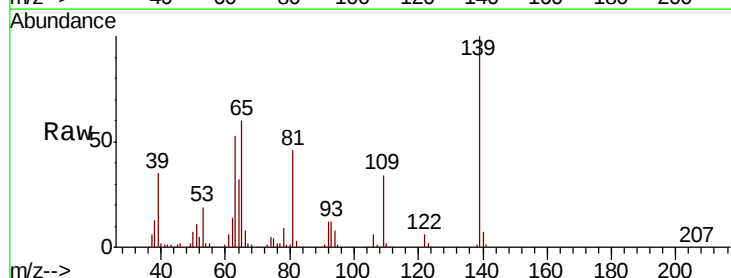
Tgt Ion: 139 Resp: 281217

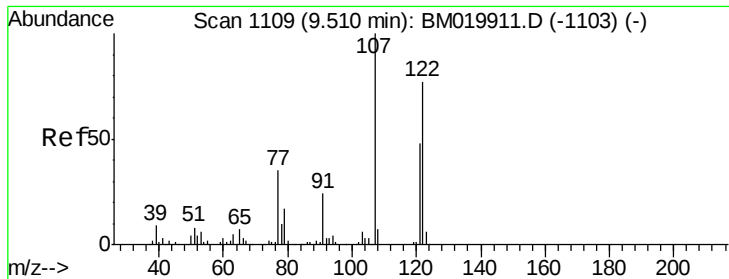
Ion Ratio Lower Upper

139 100

109 34.1 26.3 39.5

65 60.5 47.4 71.2

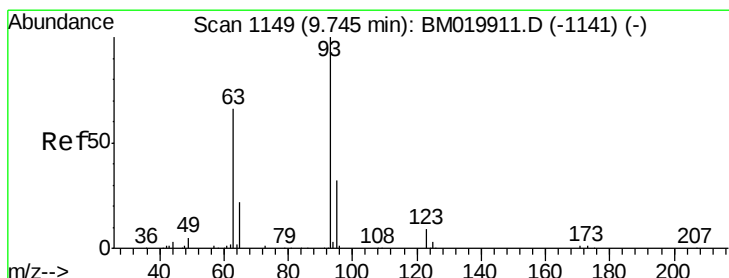
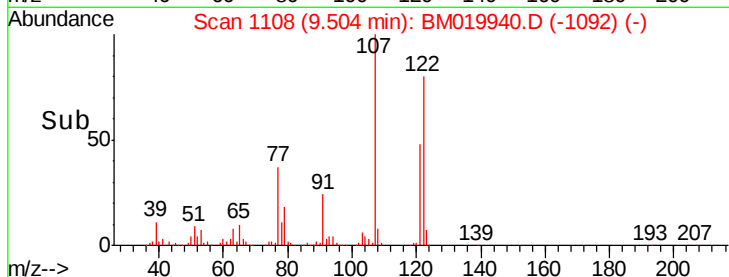
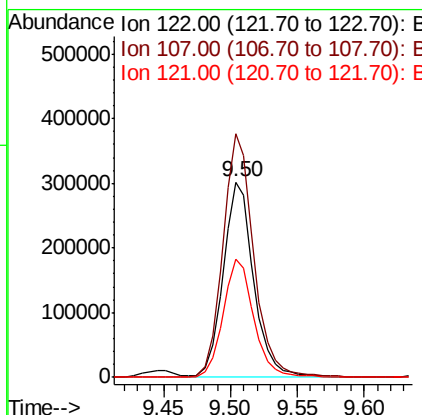
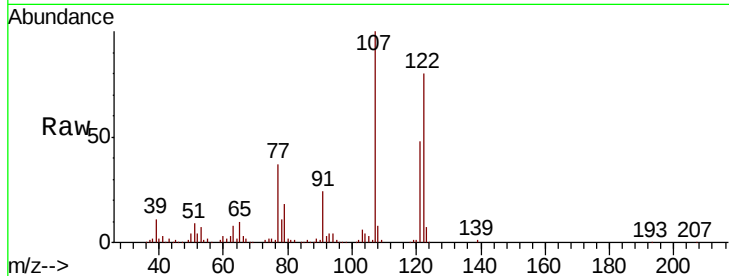




#27
 2,4-Dimethylphenol
 Concen: 47.044 ng
 RT: 9.50 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BM019940.D
 Acq: 17 Apr 2019 16:11

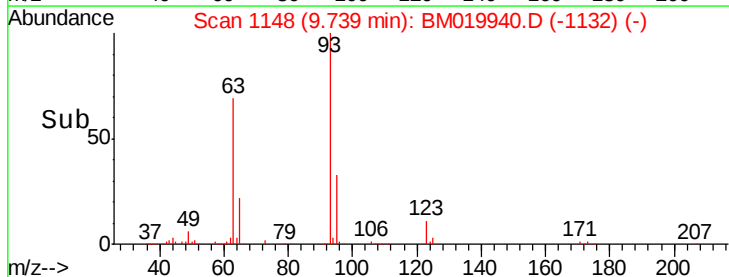
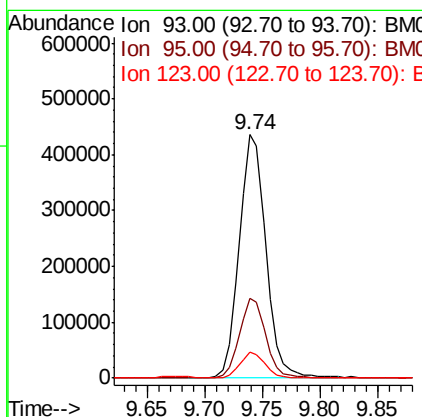
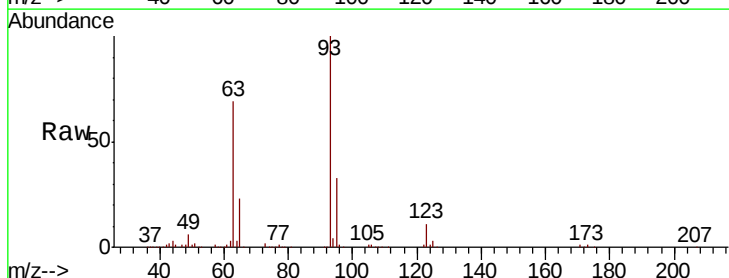
Instrument :
 BNA_M
 ClientSampleId :

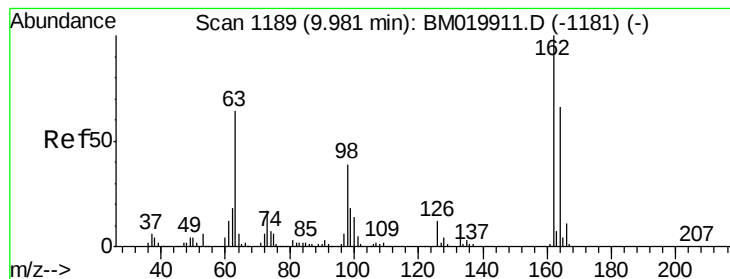
Tot Ion:122 Resp: 478138
 Ion Ratio Lower Upper
 122 100
 107 124.9 103.1 154.7
 121 60.3 49.8 74.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.436 ng
 RT: 9.74 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM019940.D
 Acq: 17 Apr 2019 16:11

Tgt Ion: 93 Resp: 699955
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.8 38.8
 123 10.9 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 41.623 ng

RT: 9.97 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampled :

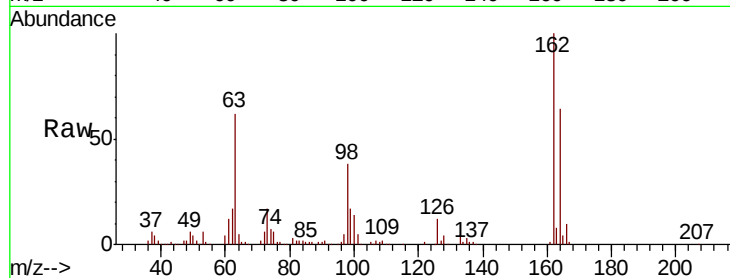
Tot Ion:162 Resp: 480464

Ion Ratio Lower Upper

162 100

164 64.4 46.3 86.3

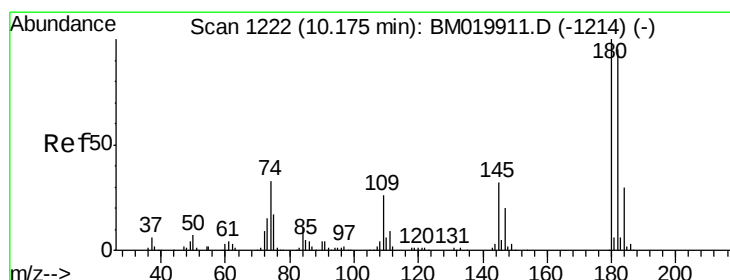
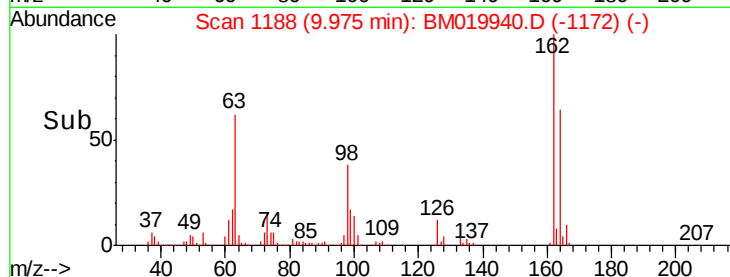
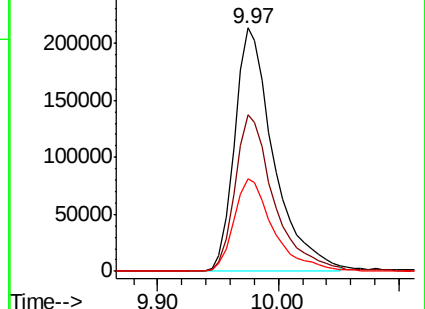
98 37.8 19.2 59.2



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): B



#30

1,2,4-Trichlorobenzene

Concen: 40.929 ng

RT: 10.17 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

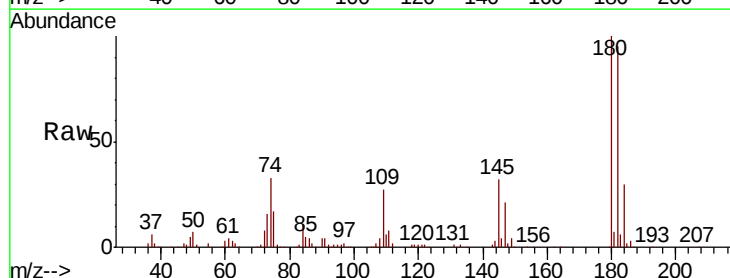
Tgt Ion:180 Resp: 508497

Ion Ratio Lower Upper

180 100

182 95.5 76.3 114.5

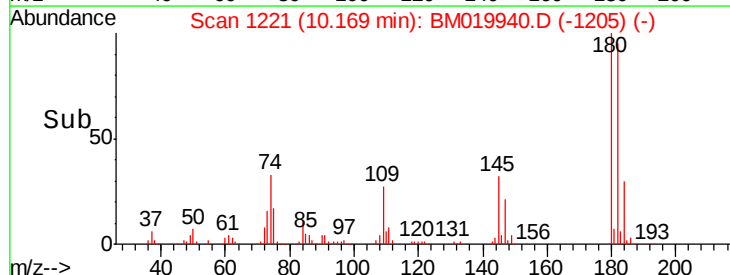
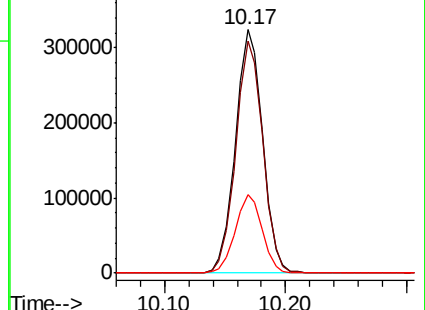
145 32.3 25.5 38.3

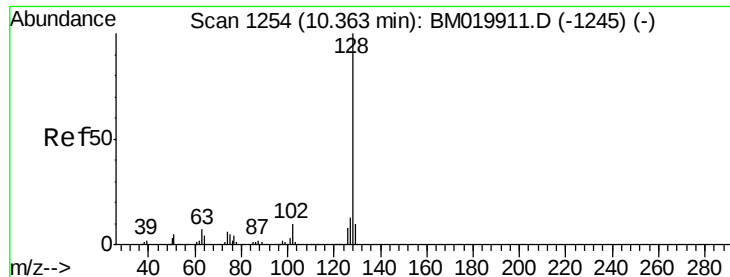


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

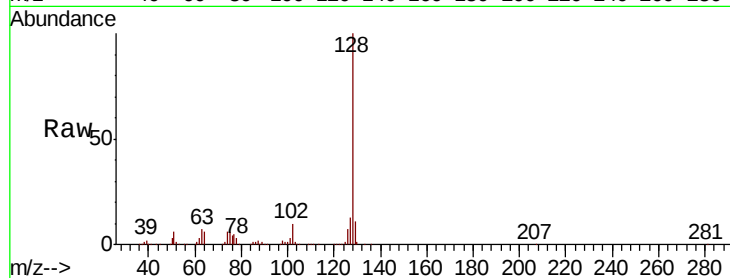




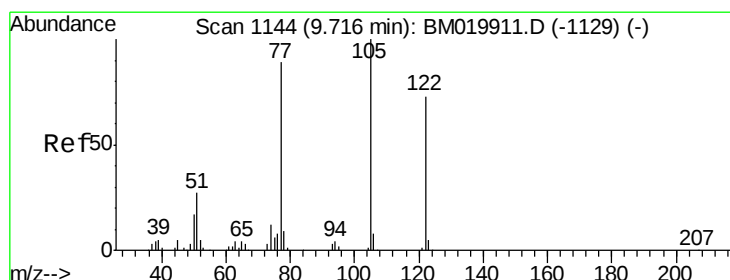
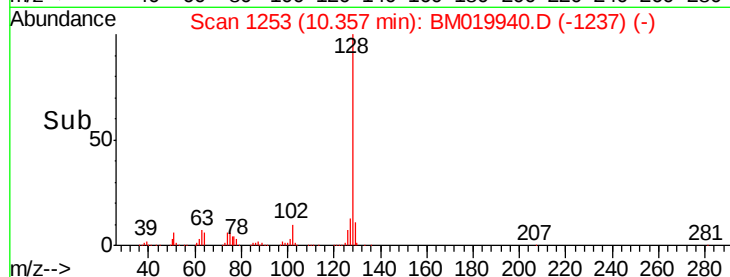
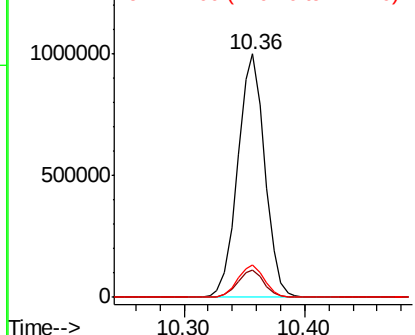
#31
Naphthalene
Concen: 39.967 ng
RT: 10.36 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 1561064
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 13.3 10.4 15.6

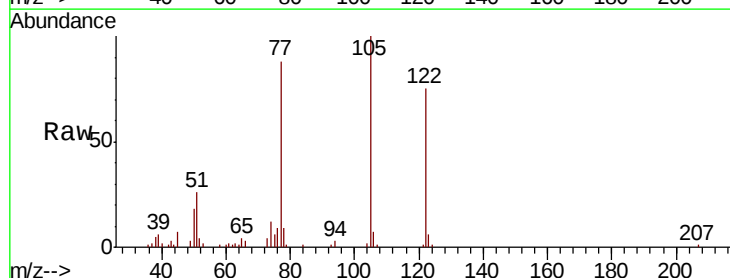


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

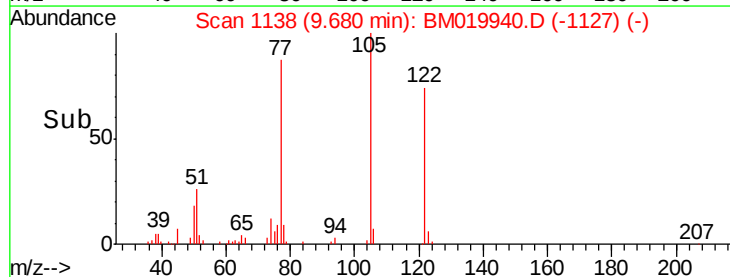
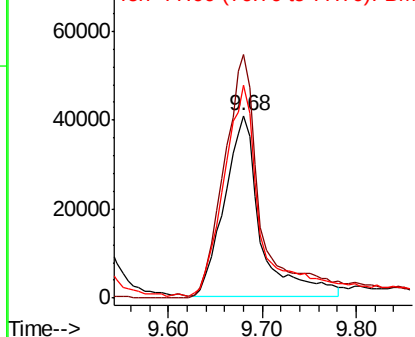


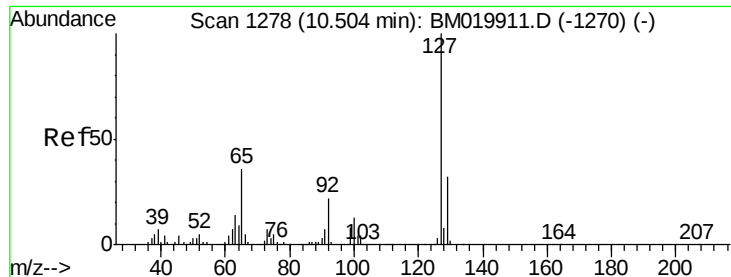
#32
Benzoic acid
Concen: 15.158 ng
RT: 9.68 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion:122 Resp: 107965
Ion Ratio Lower Upper
122 100
105 133.4 114.8 154.8
77 116.9 100.2 140.2



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

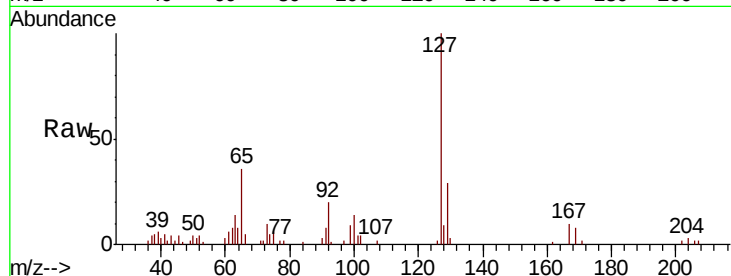




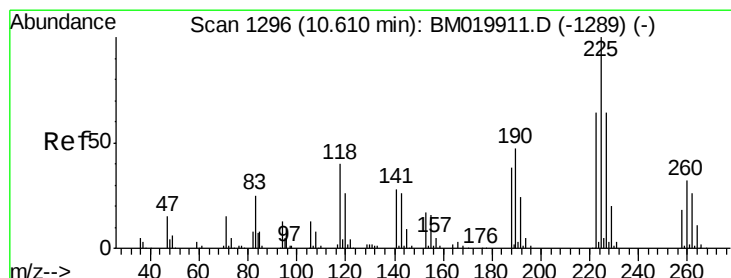
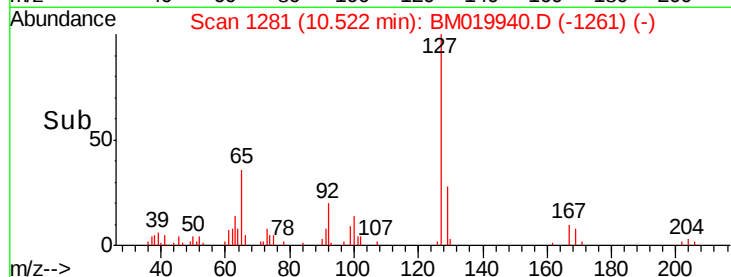
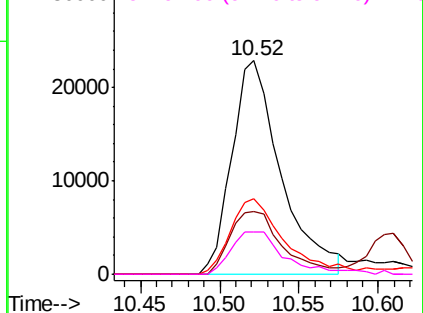
#33
4-Chloroaniline
Concen: 3.058 ng
RT: 10.52 min Scan# 1281
Delta R.T. 0.02 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	49213
Ion Ratio	Lower	Upper
127	100	
129	29.1	25.4 38.0
65	35.5	29.2 43.8
92	19.9	17.5 26.3

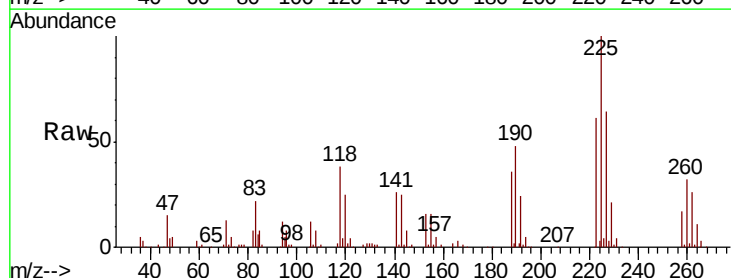


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

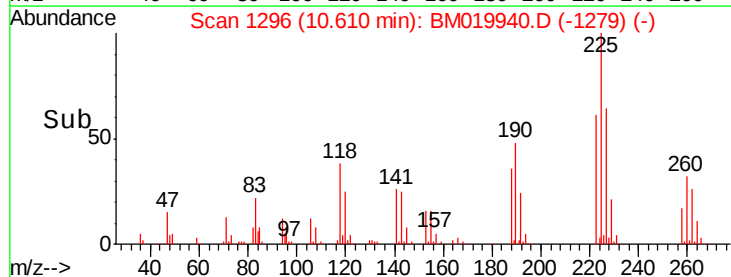
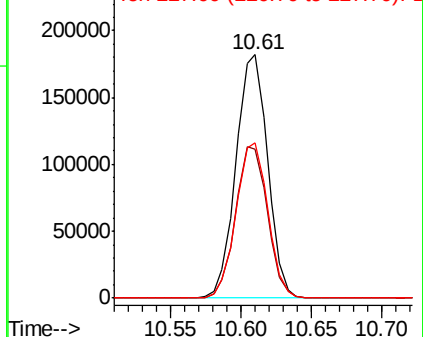


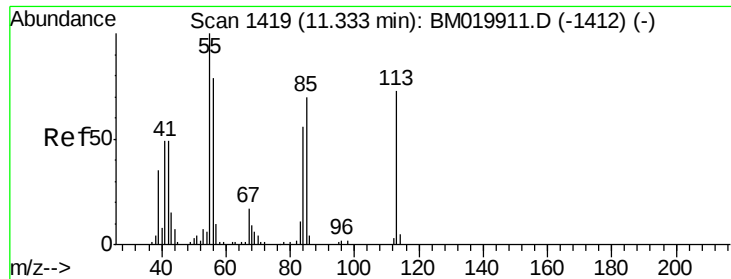
#34
Hexachlorobutadiene
Concen: 39.026 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion:225	Resp:	285960
Ion Ratio	Lower	Upper
225	100	
223	61.1	51.4 77.2
227	63.7	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: 11.631 ng

RT: 11.33 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampleId :

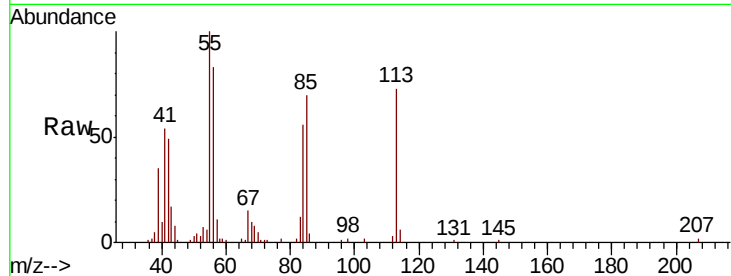
Tot Ion:113 Resp: 50822

Ion Ratio Lower Upper

113 100

55 136.1 117.1 157.1

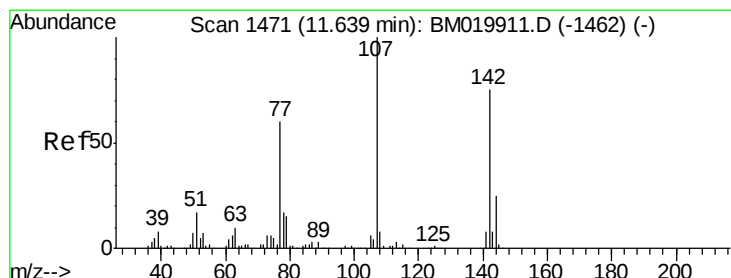
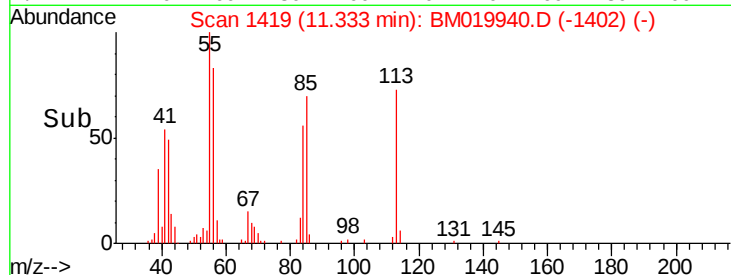
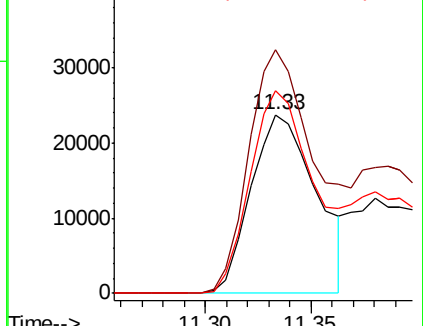
56 113.0 88.2 128.2



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: 37.659 ng

RT: 11.63 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

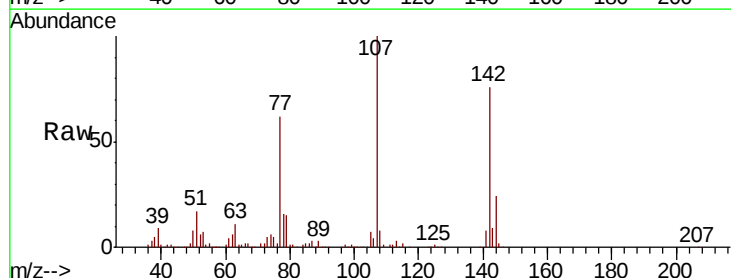
Tgt Ion:107 Resp: 540147

Ion Ratio Lower Upper

107 100

144 24.1 19.8 29.8

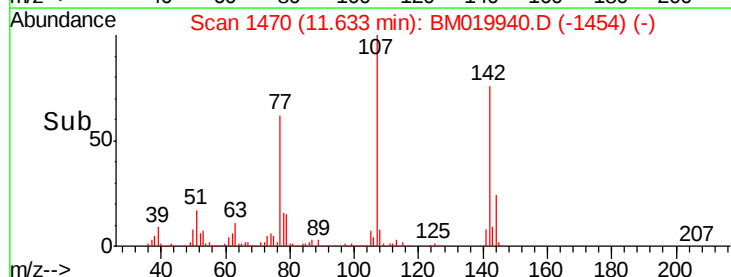
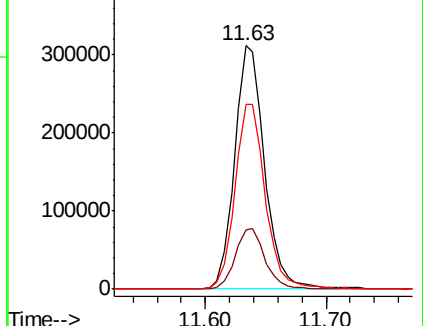
142 76.1 60.3 90.5

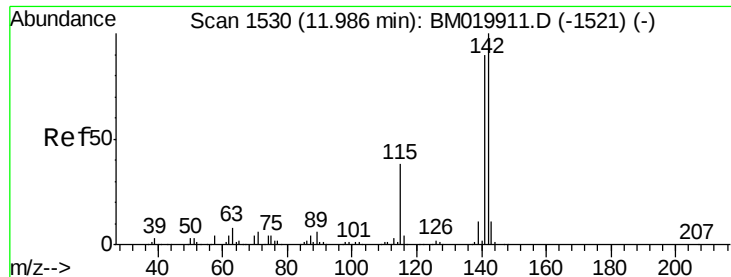


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

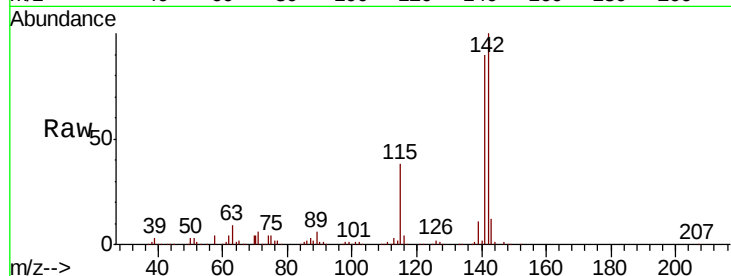




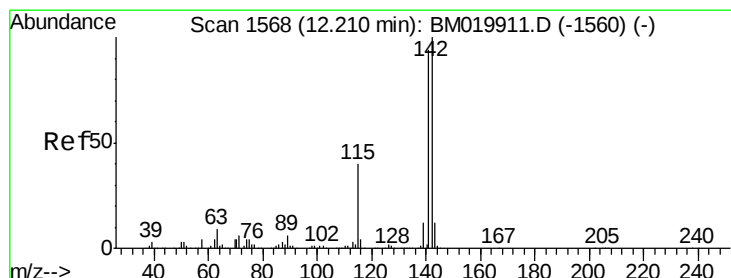
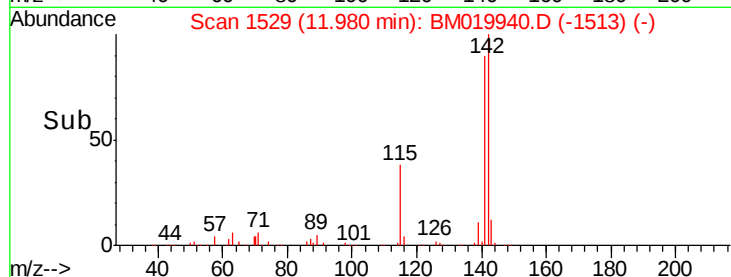
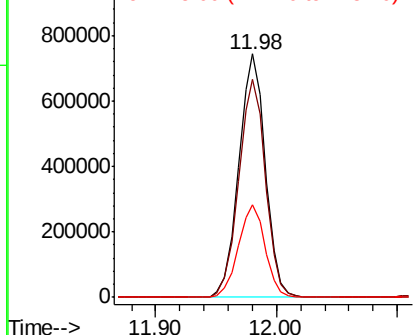
#37
2-Methylnaphthalene
Concen: 40.073 ng
RT: 11.98 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 1139517
Ion Ratio Lower Upper
142 100
141 89.5 72.3 108.5
115 38.3 30.5 45.7

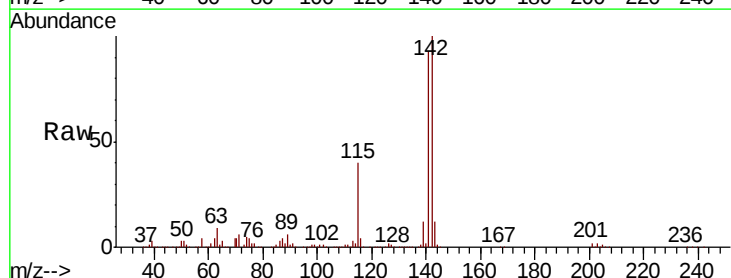


Abundance Ion 142.00 (141.70 to 142.70): E
1000000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

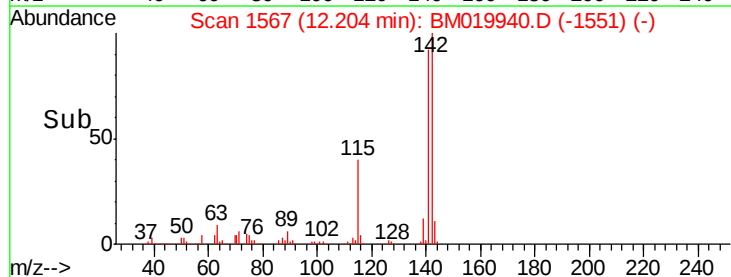
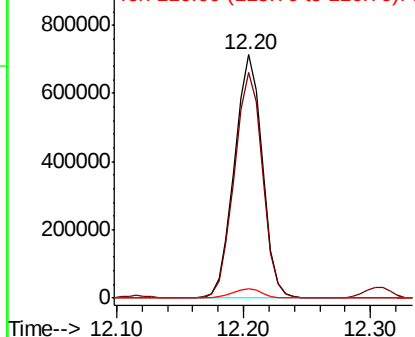


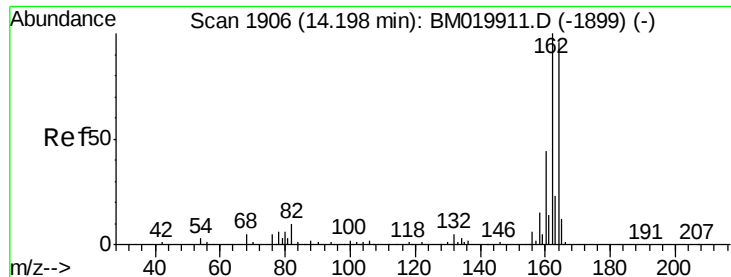
#38
1-Methylnaphthalene
Concen: 38.527 ng
RT: 12.20 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion:142 Resp: 1081718
Ion Ratio Lower Upper
142 100
141 92.8 75.7 113.5
116 4.1 3.4 5.2



Abundance Ion 142.00 (141.70 to 142.70): E
800000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampleId :

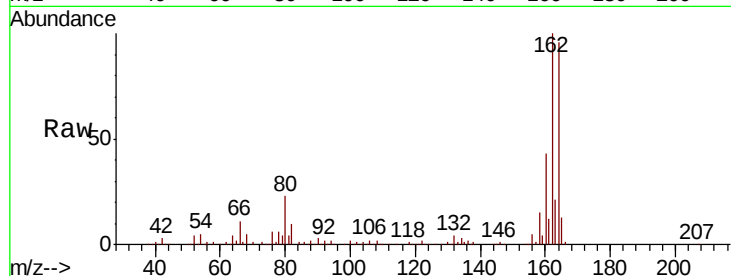
Tot Ion:164 Resp: 397938

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.4

160 44.2 36.6 55.0

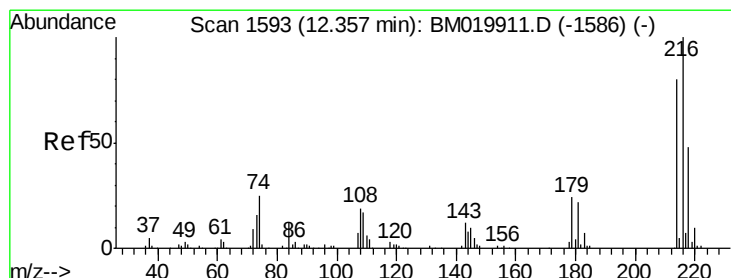
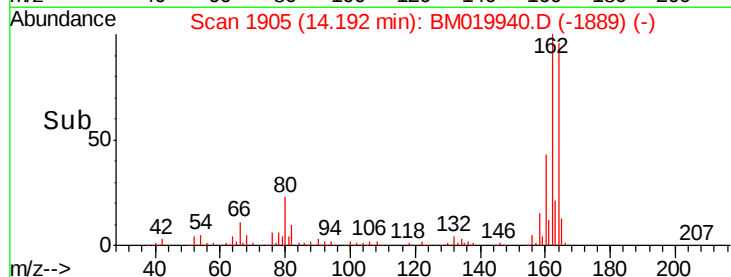
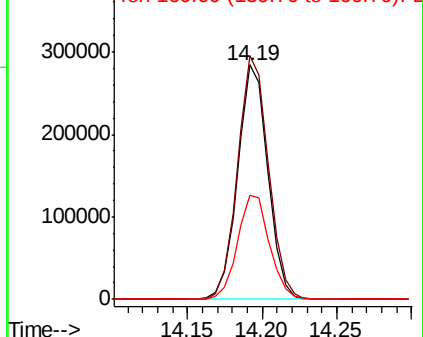


Abundance

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: 43.436 ng

RT: 12.36 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Tgt Ion:216 Resp: 533230

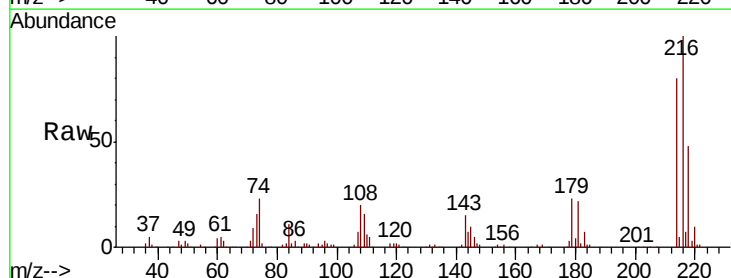
Ion Ratio Lower Upper

216 100

214 78.7 63.1 94.7

179 23.4 19.0 28.6

108 20.0 16.3 24.5



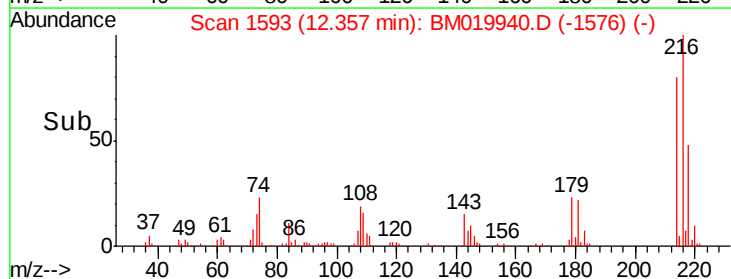
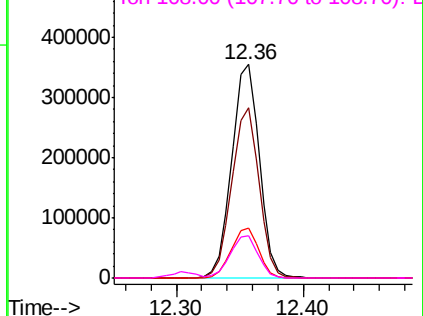
Abundance

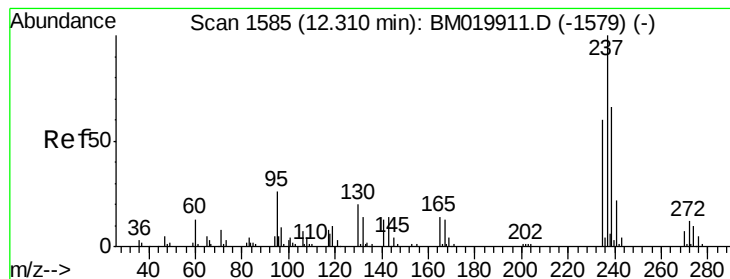
Ion 216.00 (215.70 to 216.70): E

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: 78.230 ng

RT: 12.31 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampleId :

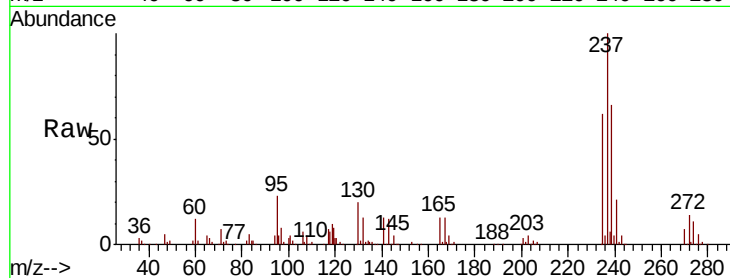
Tot Ion:237 Resp: 338694

Ion Ratio Lower Upper

237 100

235 62.4 40.4 80.4

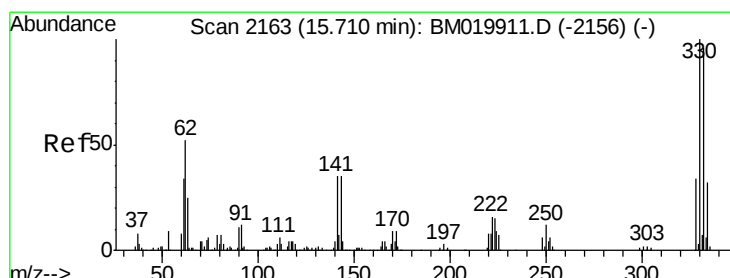
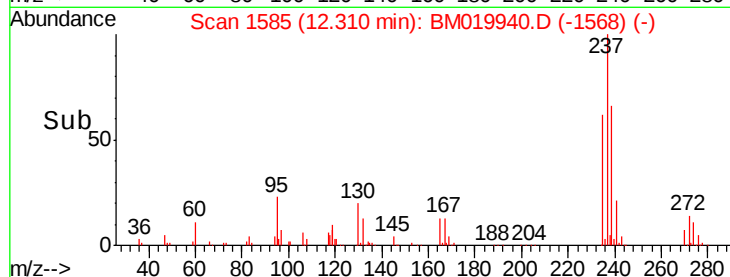
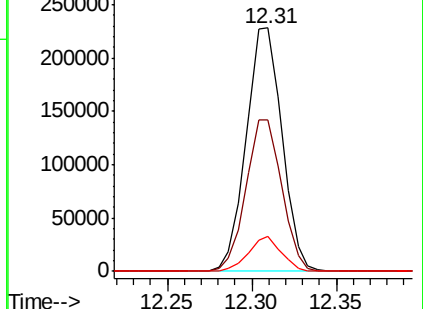
272 14.2 0.0 32.3



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: 108.958 ng

RT: 15.71 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

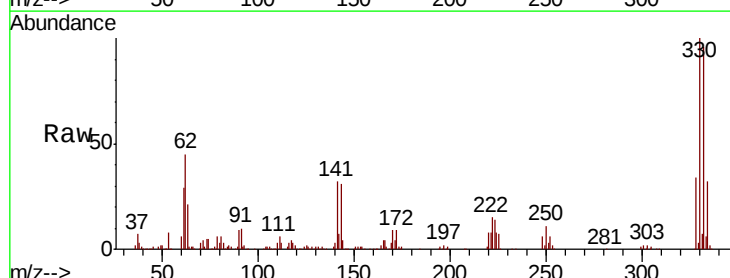
Tgt Ion:330 Resp: 697950

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

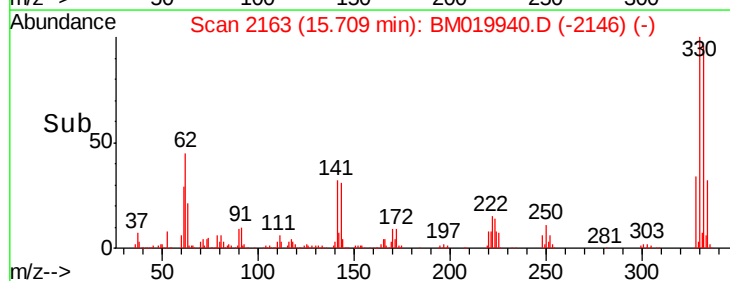
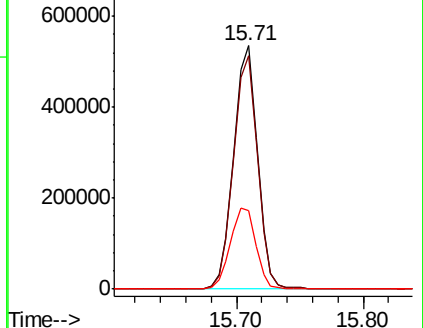
141 35.7 29.0 43.4



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

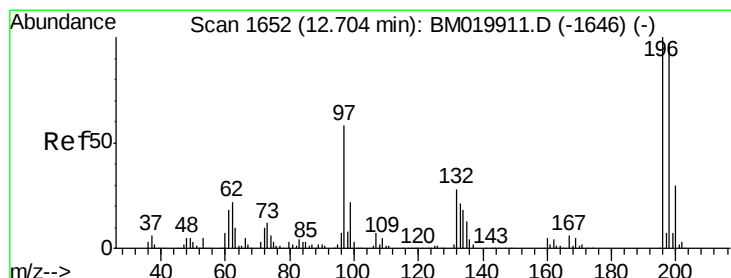
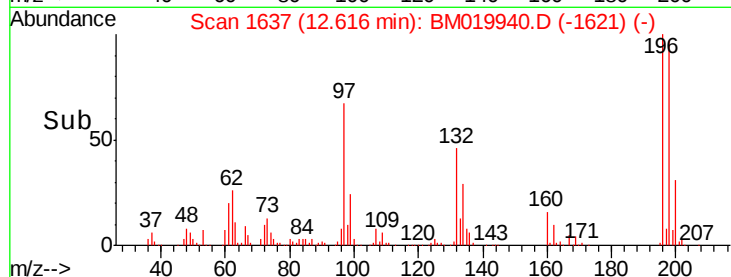
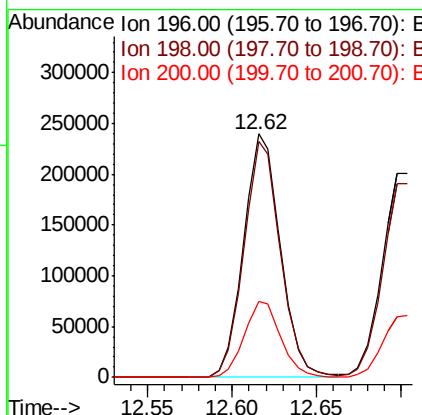
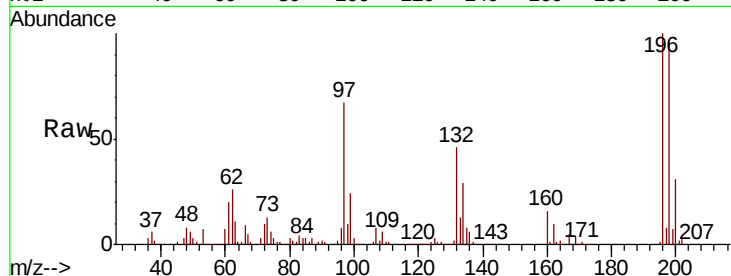




#43
 2,4,6-Trichlorophenol
 Concen: 43.674 ng
 RT: 12.62 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BM019940.D
 Acq: 17 Apr 2019 16:11

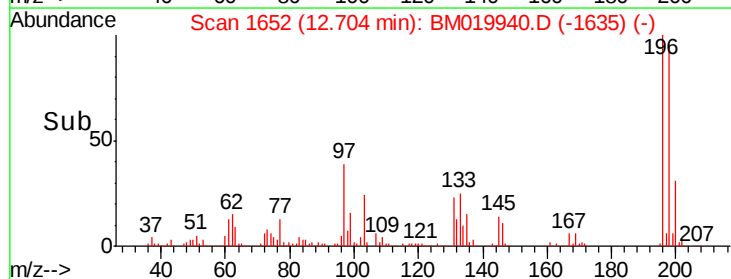
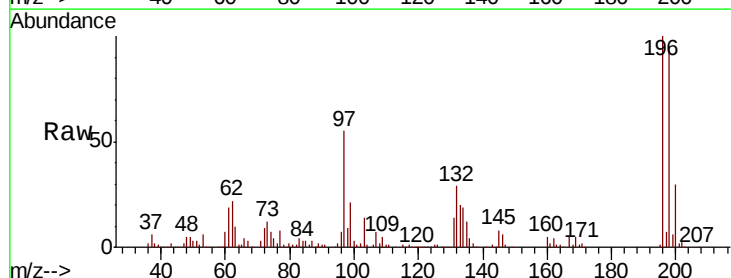
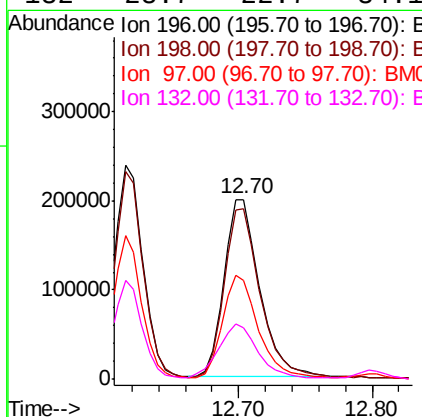
Instrument :
 BNA_M
 ClientSampleId :

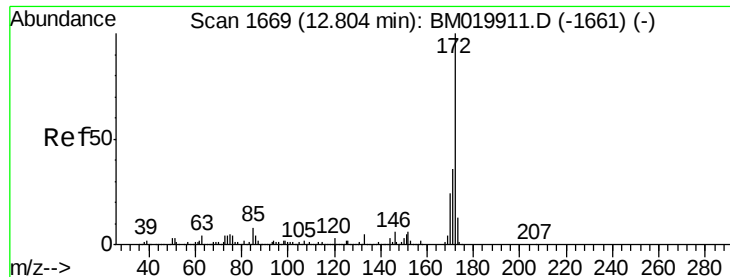
Tot Ion:196 Resp: 363495
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.8 115.2
 200 31.2 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.814 ng
 RT: 12.70 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BM019940.D
 Acq: 17 Apr 2019 16:11

Tgt Ion:196 Resp: 370874
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.8 116.8
 97 55.1 46.2 69.2
 132 28.7 22.7 34.1

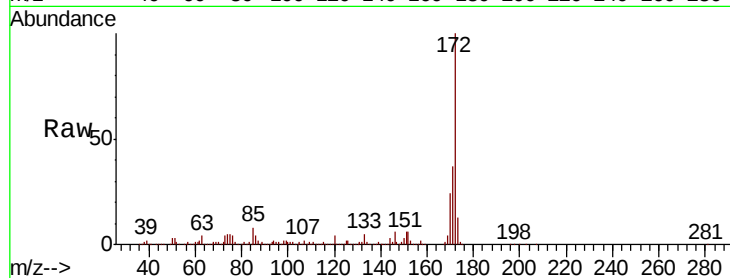




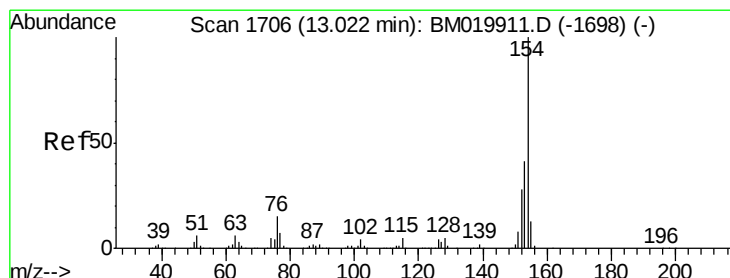
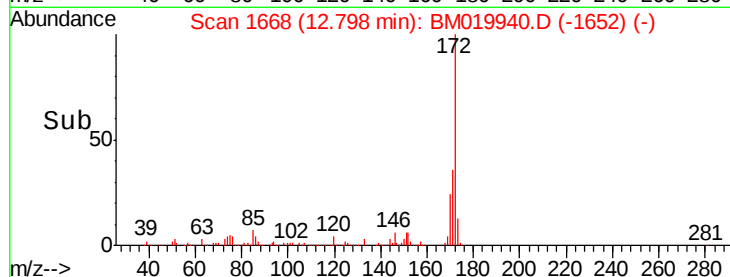
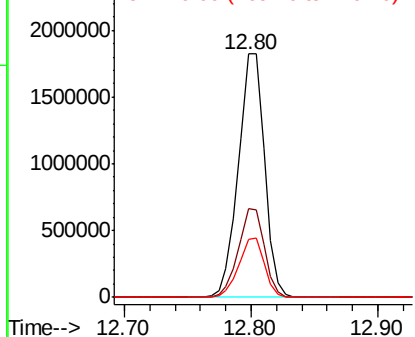
#45
2-Fluorobiphenyl
Concen: 81.521 ng
RT: 12.80 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Instrument :
BNA_M
ClientSampled :

Tot Ion:172 Resp: 2603087
Ion Ratio Lower Upper
172 100
171 36.6 28.9 43.3
170 23.9 19.0 28.4

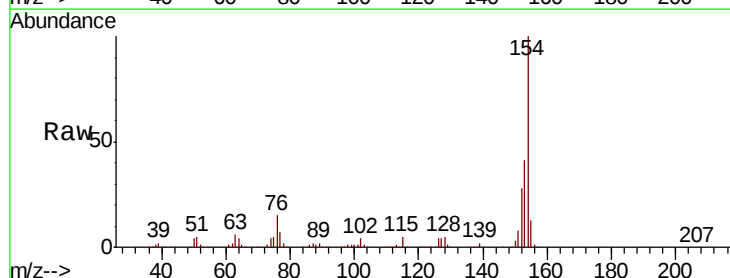


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

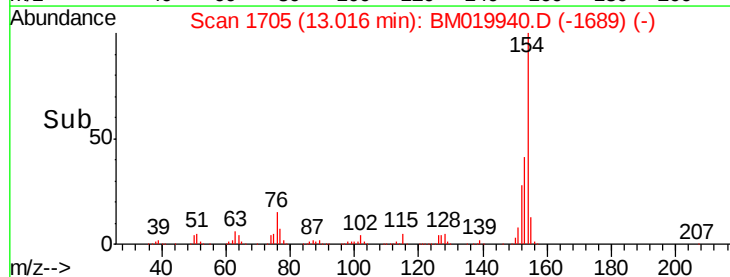
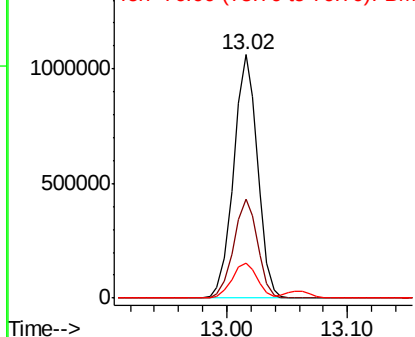


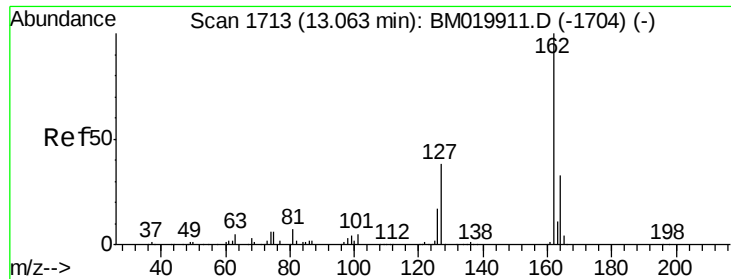
#46
1,1'-Biphenyl
Concen: 42.535 ng
RT: 13.02 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion:154 Resp: 1466037
Ion Ratio Lower Upper
154 100
153 40.7 21.0 61.0
76 14.5 0.0 34.8



Abundance Ion 154.00 (153.70 to 154.70): E
1000000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

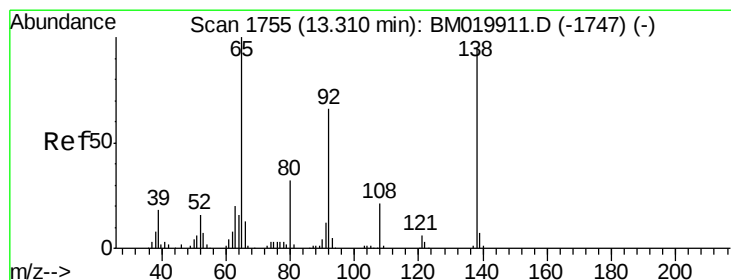
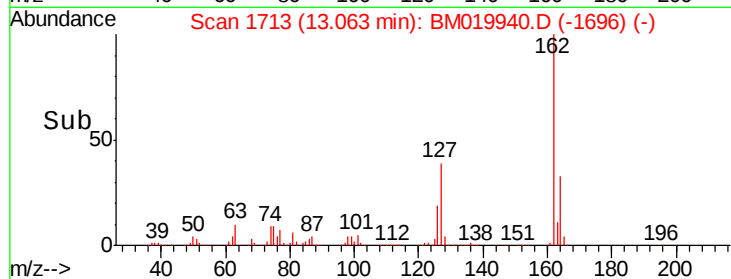
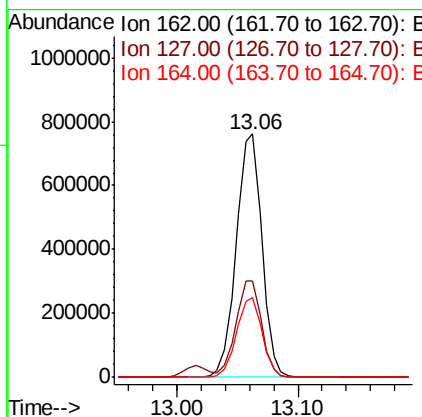
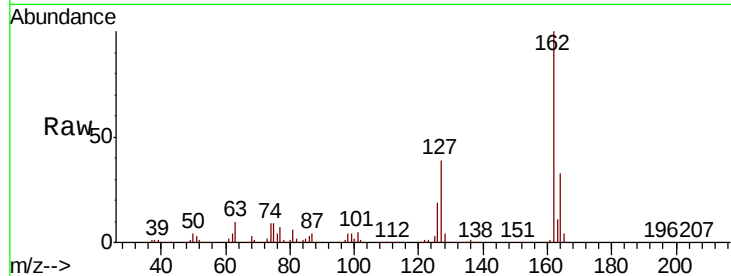




#47
2-Chloronaphthalene
Concen: 43.008 ng
RT: 13.06 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

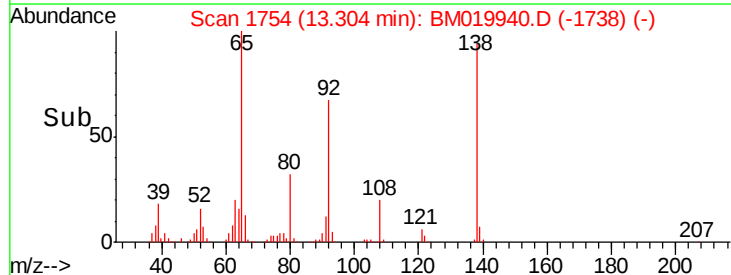
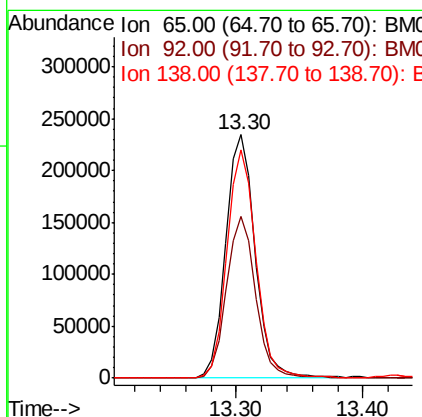
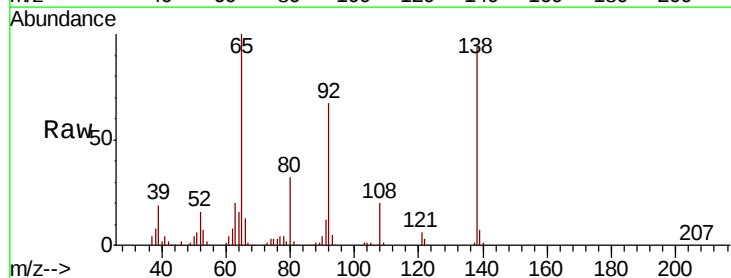
Instrument :
BNA_M
ClientSampleId :

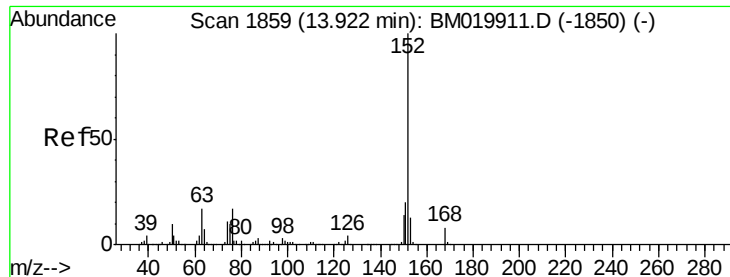
Tot Ion:162 Resp: 1130679
Ion Ratio Lower Upper
162 100
127 39.4 32.3 48.5
164 32.9 26.3 39.5



#48
2-Nitroaniline
Concen: 39.578 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion: 65 Resp: 375052
Ion Ratio Lower Upper
65 100
92 66.5 52.9 79.3
138 93.5 75.8 113.6





#49

Acenaphthylene

Concen: 39.618 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampleId :

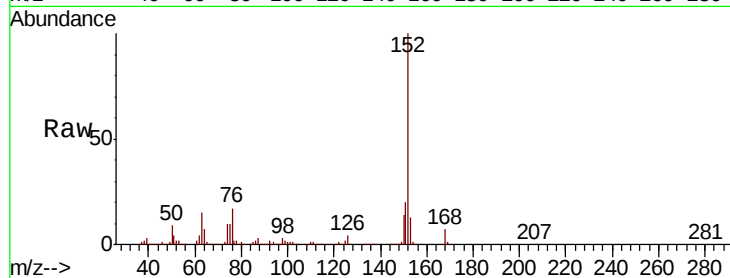
Tot Ion:152 Resp: 1812248

Ion Ratio Lower Upper

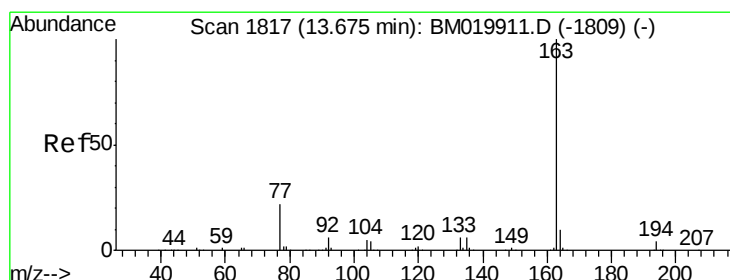
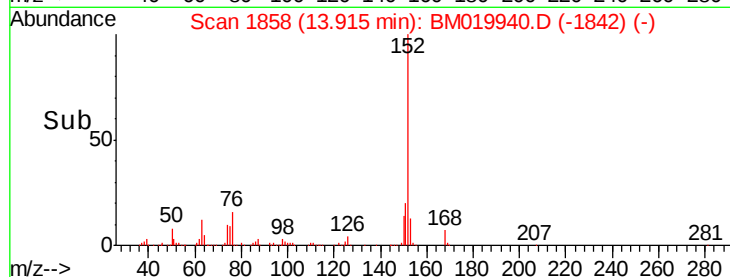
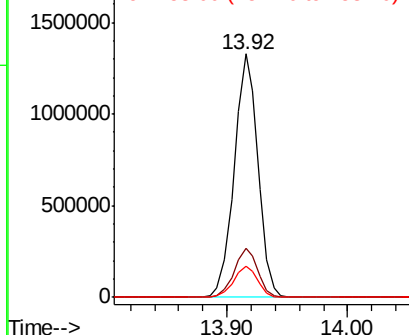
152 100

151 20.2 16.2 24.2

153 13.0 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.774 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

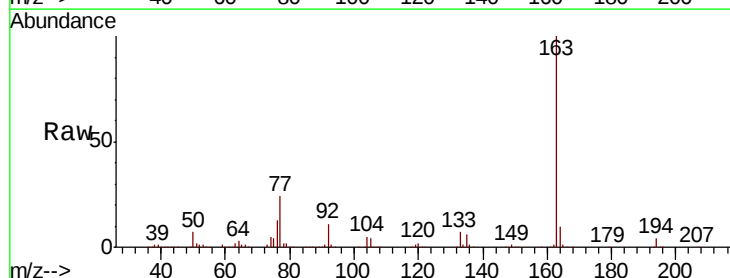
Tgt Ion:163 Resp: 1431203

Ion Ratio Lower Upper

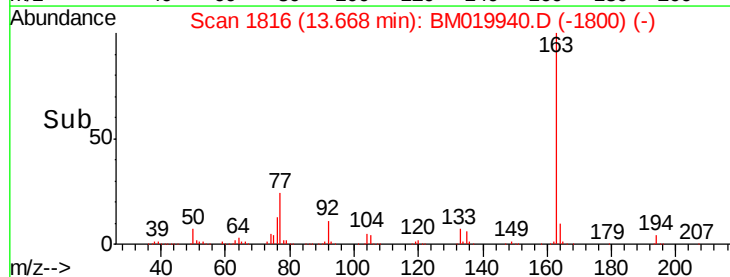
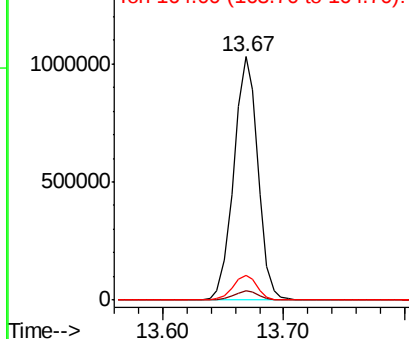
163 100

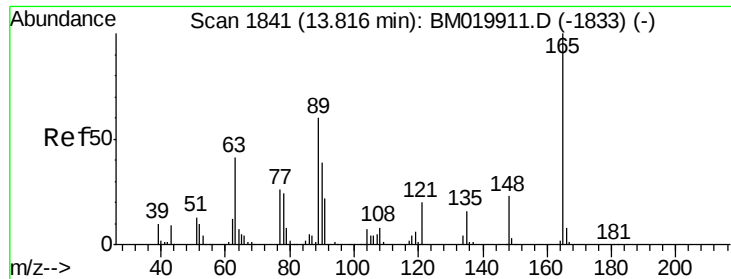
194 3.8 3.1 4.7

164 10.2 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

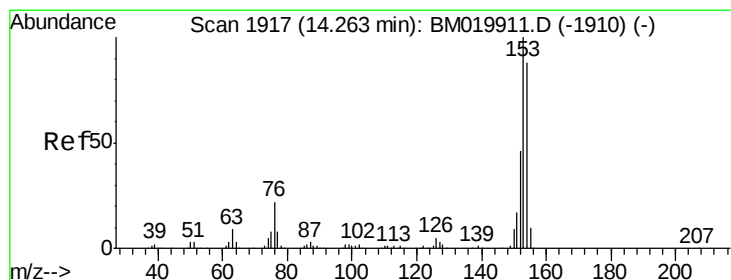
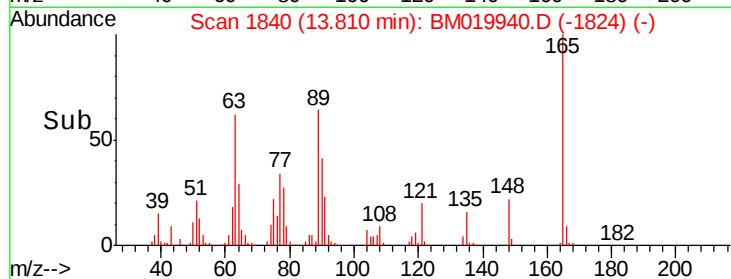
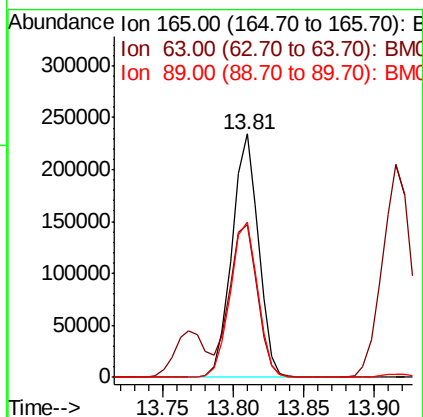
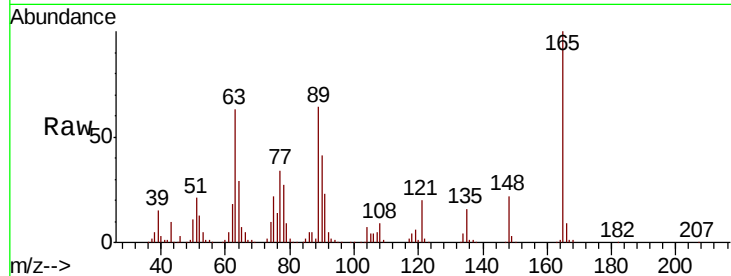




#51
 2,6-Dinitrotoluene
 Concen: 39.494 ng
 RT: 13.81 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BM019940.D
 Acq: 17 Apr 2019 16:11

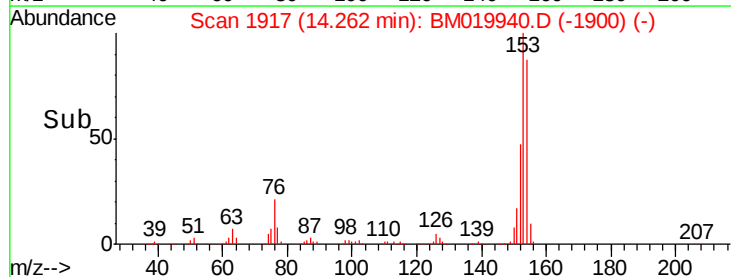
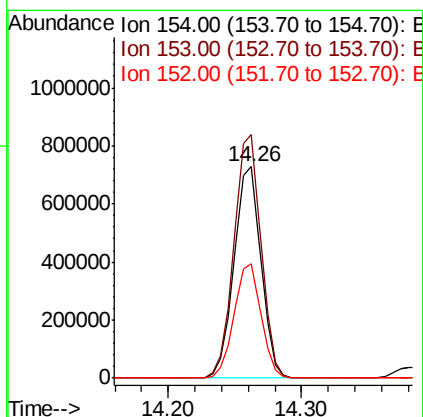
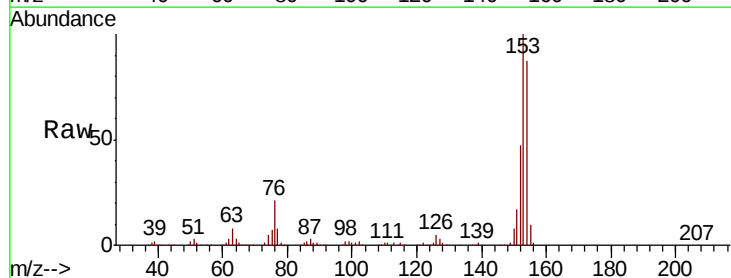
Instrument :
 BNA_M
 ClientSampleId :

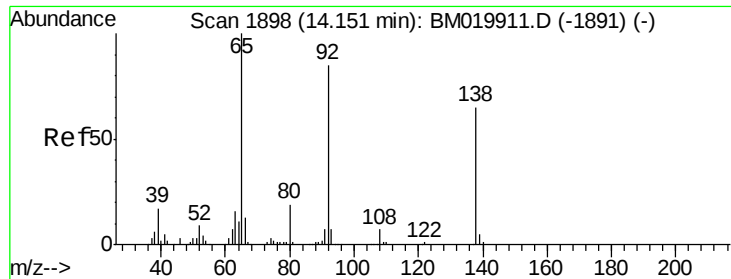
Tot Ion:165 Resp: 306541
 Ion Ratio Lower Upper
 165 100
 63 62.7 48.5 72.7
 89 63.5 48.2 72.4



#52
 Acenaphthene
 Concen: 40.536 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BM019940.D
 Acq: 17 Apr 2019 16:11

Tgt Ion:154 Resp: 1028112
 Ion Ratio Lower Upper
 154 100
 153 115.3 91.0 136.4
 152 54.2 42.2 63.2

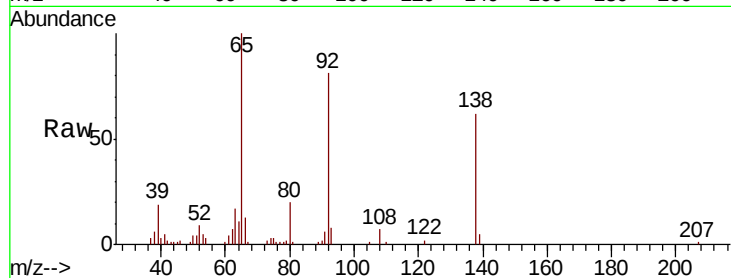




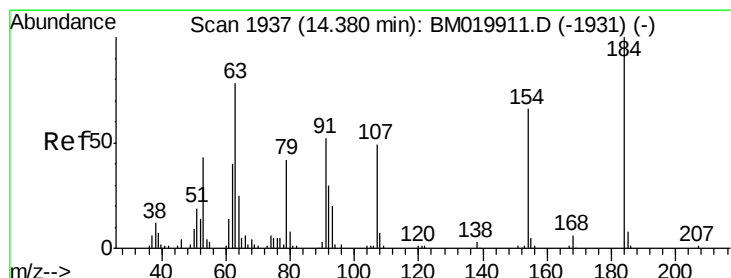
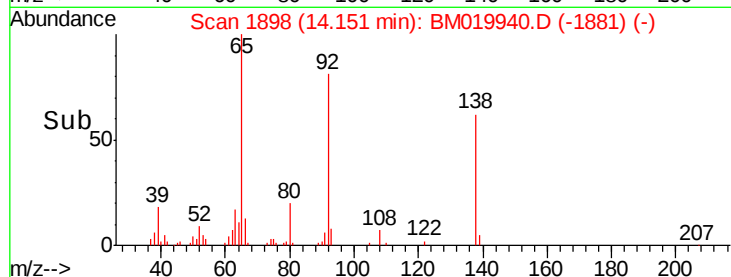
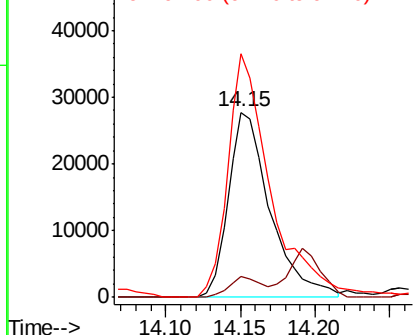
#53
3-Nitroaniline
Concen: 7.016 ng
RT: 14.15 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 54372
Ion Ratio Lower Upper
138 100
108 10.9 8.9 13.3
92 131.5 103.8 155.8

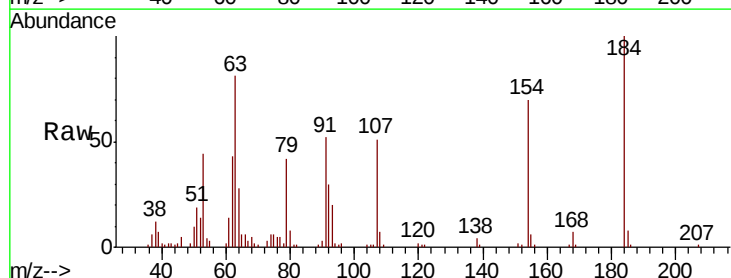


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

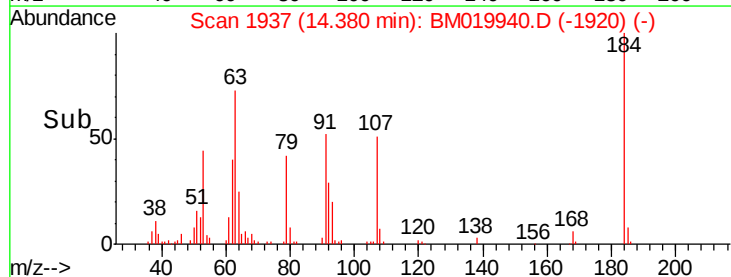
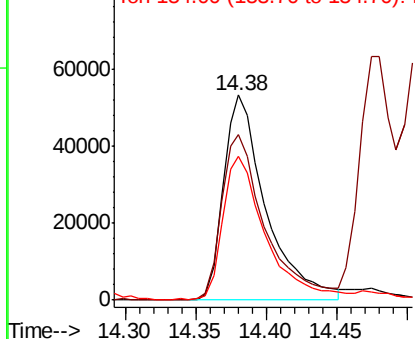


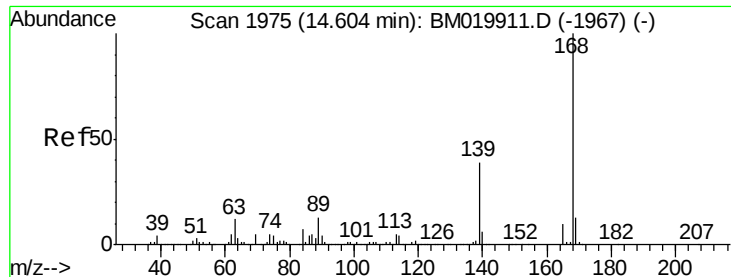
#54
2,4-Dinitrophenol
Concen: 29.224 ng
RT: 14.38 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion:184 Resp: 111182
Ion Ratio Lower Upper
184 100
63 81.0 62.3 93.5
154 70.3 53.0 79.6



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

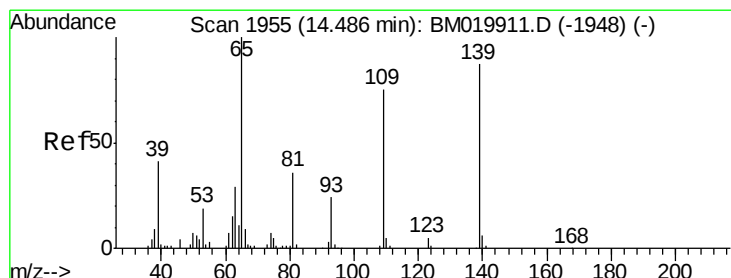
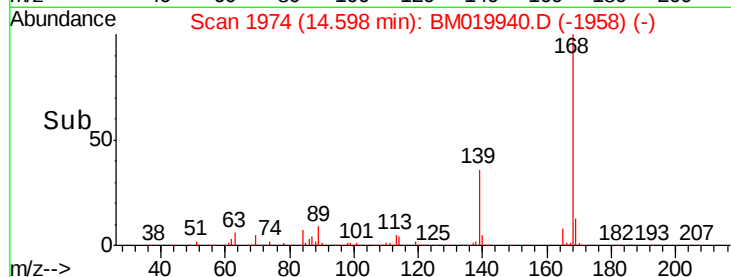
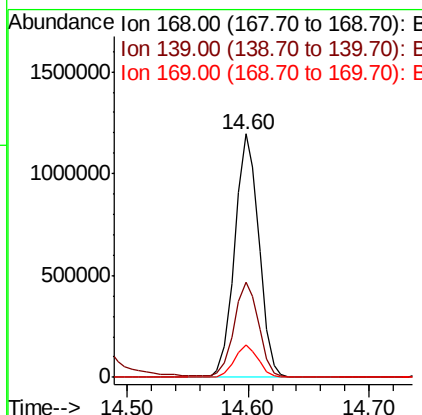
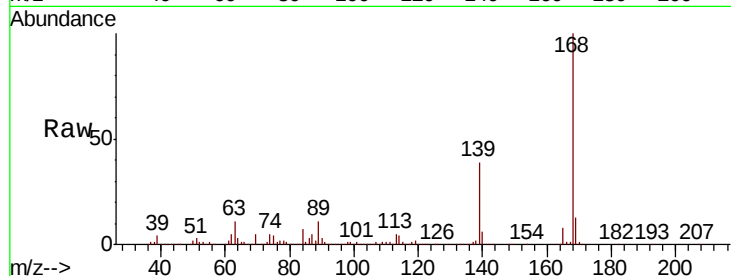




#55
Dibenzenofuran
Concen: 40.166 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

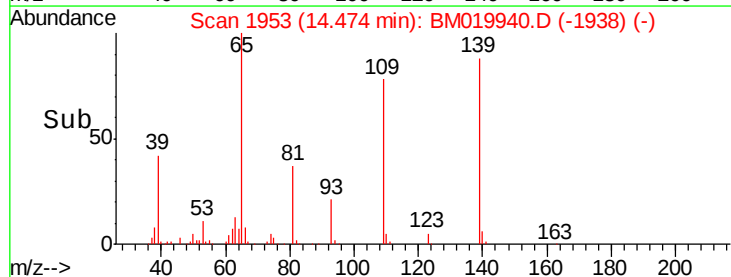
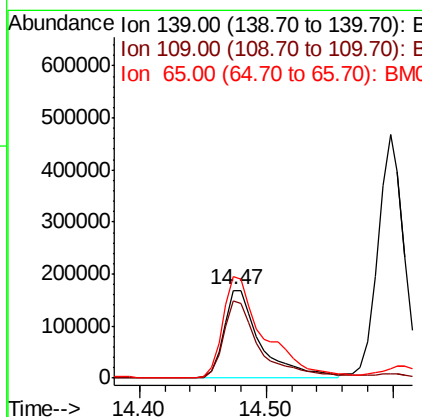
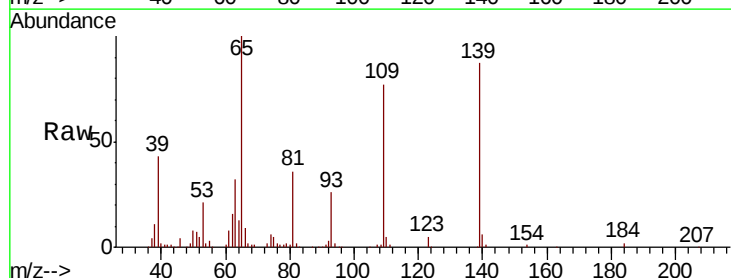
Instrument :
BNA_M
ClientSampleId :

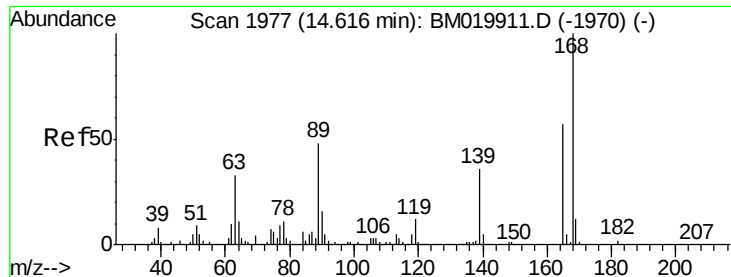
Tot Ion:168 Resp: 1665853
Ion Ratio Lower Upper
168 100
139 39.1 31.5 47.3
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 57.291 ng
RT: 14.47 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion:139 Resp: 339386
Ion Ratio Lower Upper
139 100
109 88.4 65.3 105.3
65 115.4 94.9 134.9

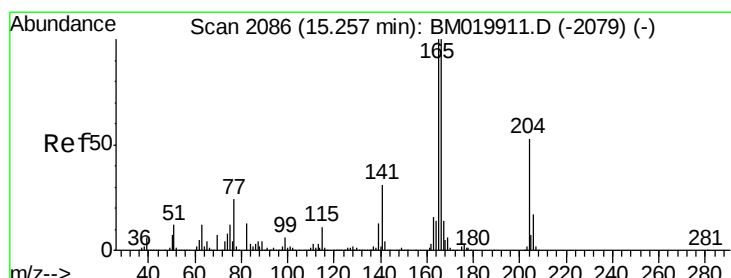
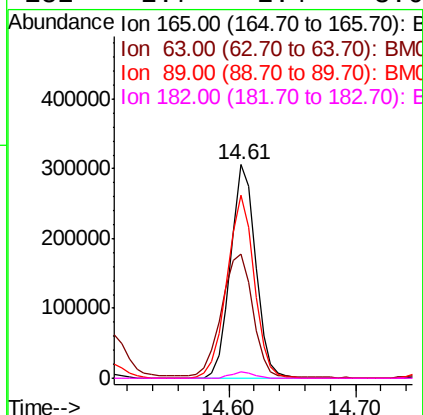
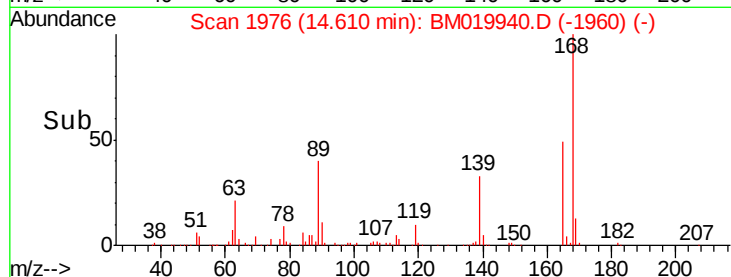
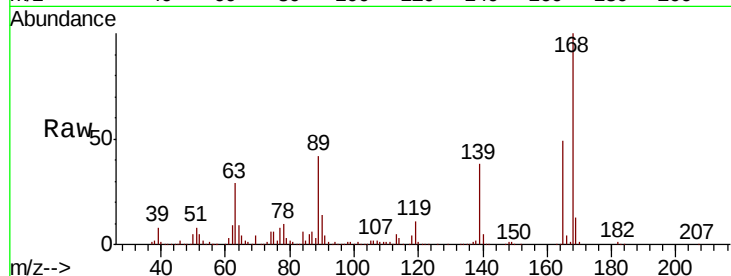




#57
 2,4-Dinitrotoluene
 Concen: 37.449 ng
 RT: 14.61 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BM019940.D
 Acq: 17 Apr 2019 16:11

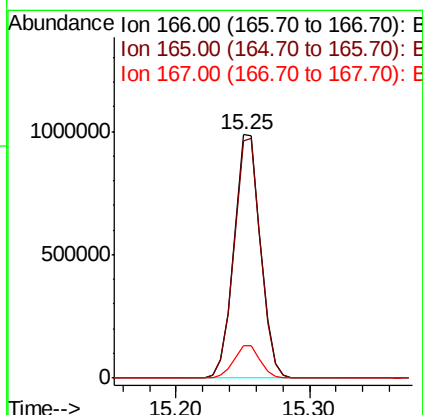
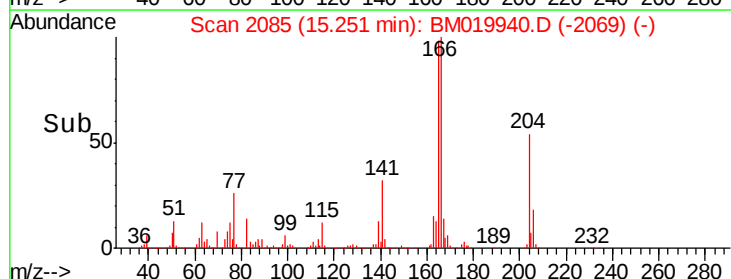
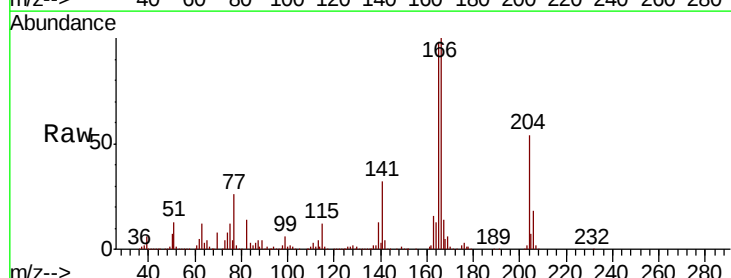
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 417823
 Ion Ratio Lower Upper
 165 100
 63 58.2 46.0 69.0
 89 85.5 67.5 101.3
 182 2.7 2.4 3.6



#58
 Fluorene
 Concen: 38.766 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM019940.D
 Acq: 17 Apr 2019 16:11

Tgt Ion:166 Resp: 1362343
 Ion Ratio Lower Upper
 166 100
 165 97.6 80.1 120.1
 167 13.5 11.0 16.4

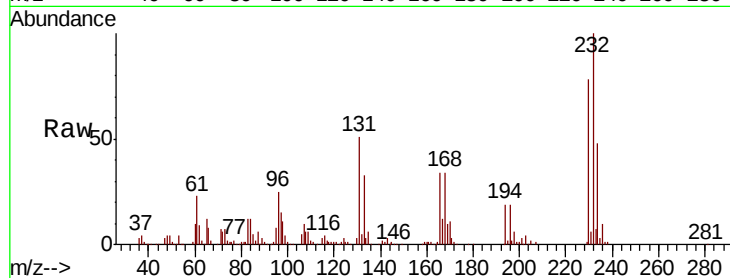




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.367 ng
RT: 14.84 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.9	42.1	63.1
130	3.0	2.2	3.4
166	34.9	28.1	42.1



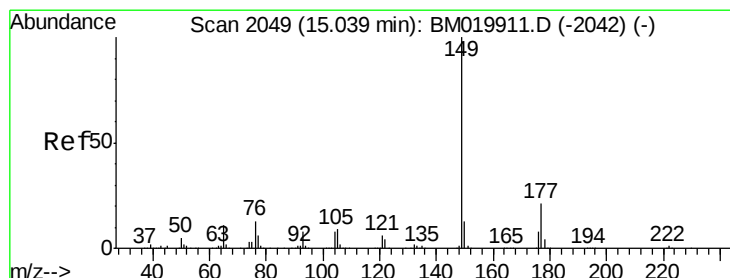
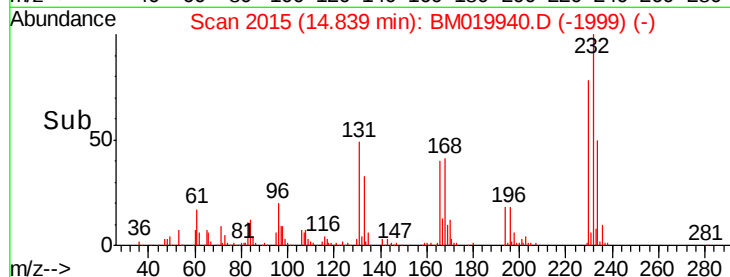
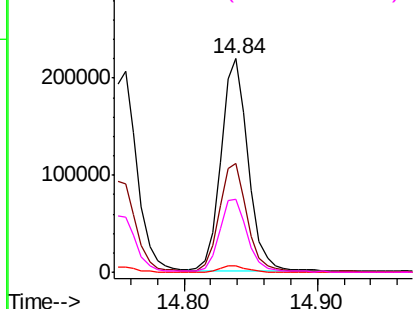
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

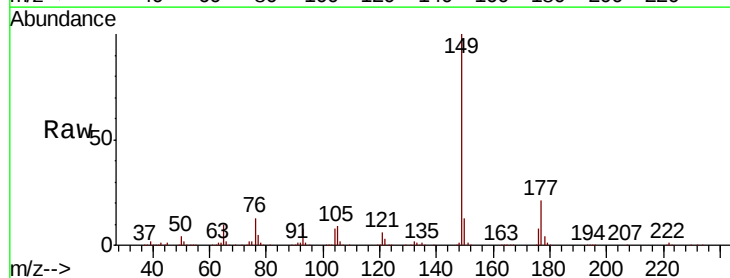
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.190 ng
RT: 15.04 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.6	25.0
150	12.5	10.0	15.0

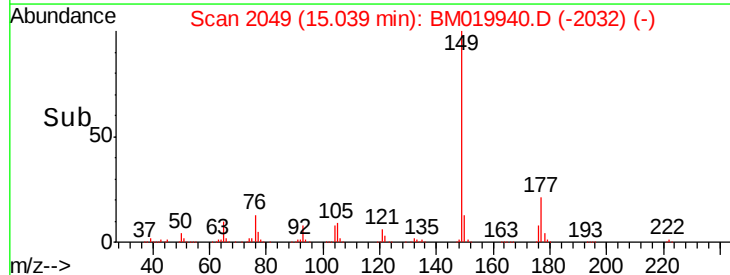
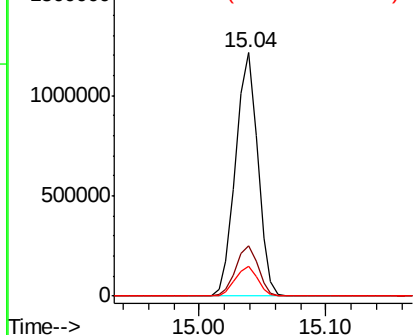


Abundance

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

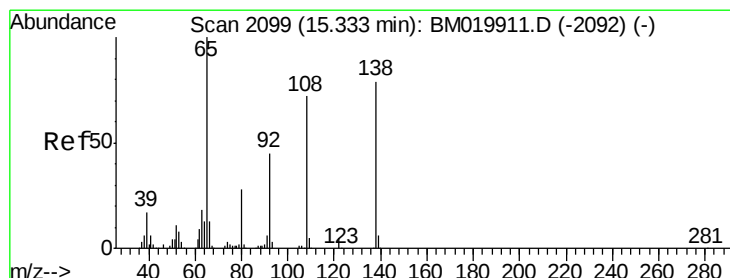
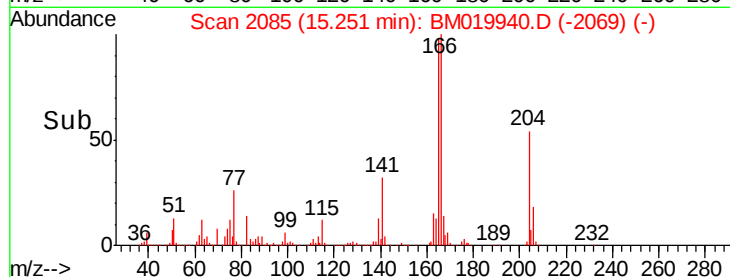
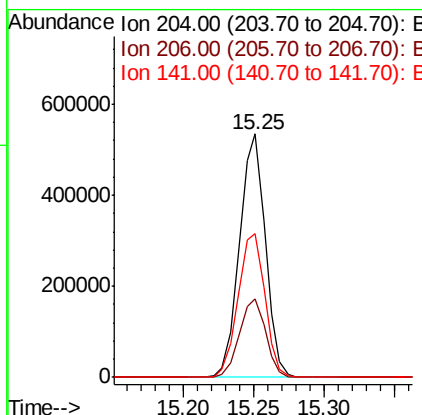
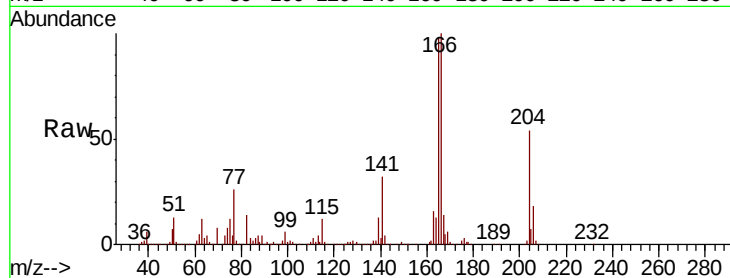




#61
4-Chlorophenyl-phenylether
Concen: 40.297 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

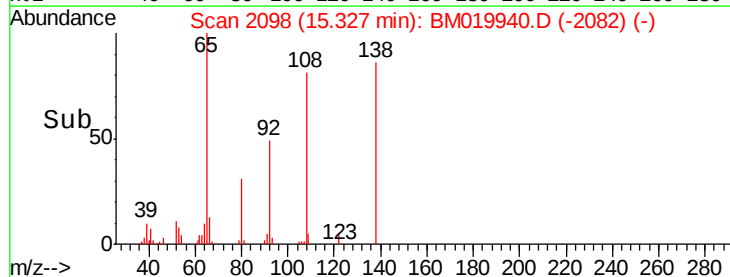
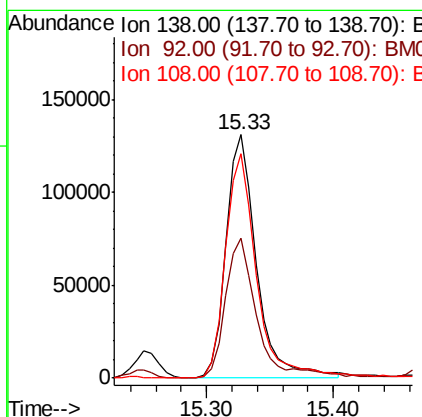
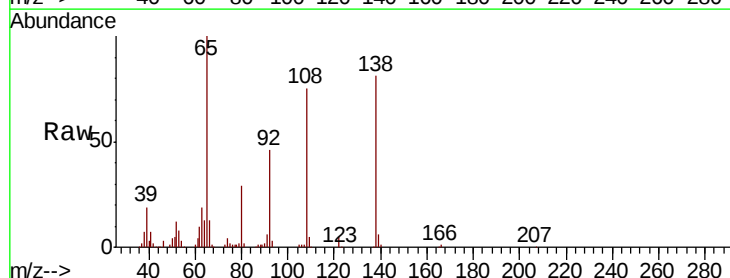
Instrument :
BNA_M
ClientSampleId :

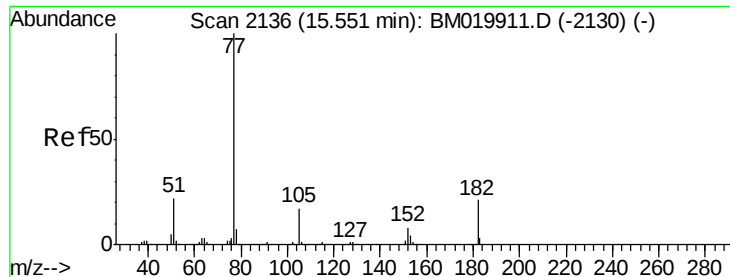
Tot Ion:204 Resp: 681840
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 59.0 47.0 70.4



#62
4-Nitroaniline
Concen: 28.630 ng
RT: 15.33 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion:138 Resp: 218621
Ion Ratio Lower Upper
138 100
92 57.4 36.8 76.8
108 92.3 71.5 111.5





#63

Azobenzene

Concen: 39.271 ng

RT: 15.54 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1532247

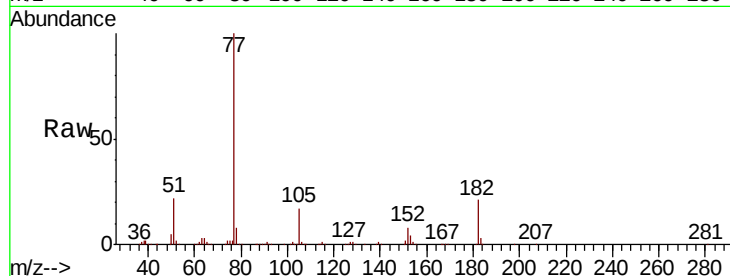
Ion	Ratio	Lower	Upper
77	100		
182	20.9	1.0	41.0
105	17.2	0.0	37.1
51	22.1	2.1	42.1

77 100

182 20.9 1.0 41.0

105 17.2 0.0 37.1

51 22.1 2.1 42.1

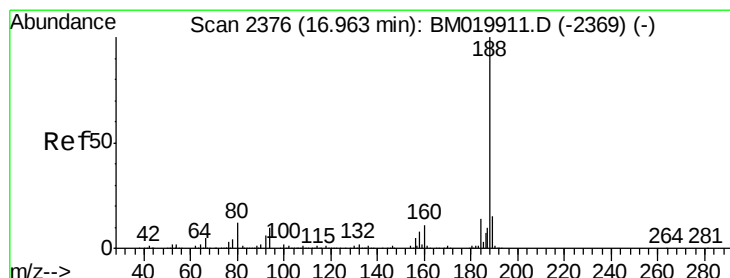
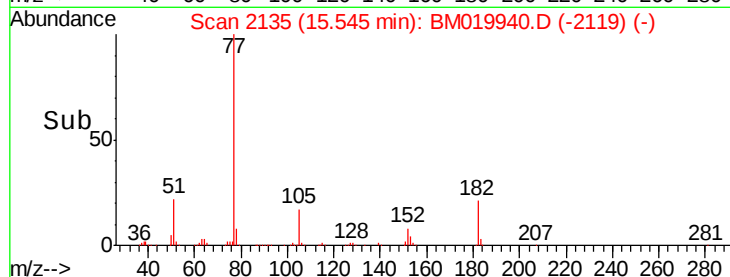
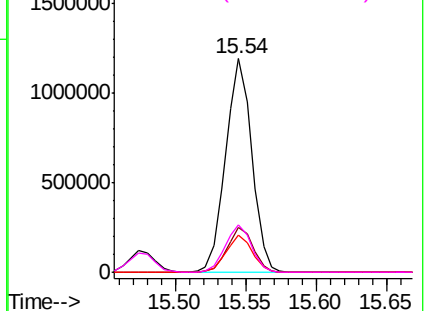


Abundance Ion 77.00 (76.70 to 77.70): BM0

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# 2375

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

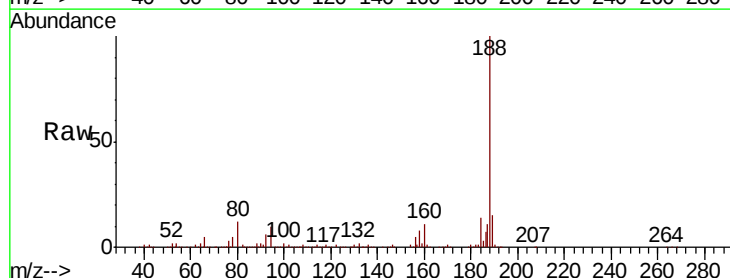
Tgt Ion: 188 Resp: 739100

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.6	11.4
80	12.2	9.4	14.0

188 100

94 9.6 7.6 11.4

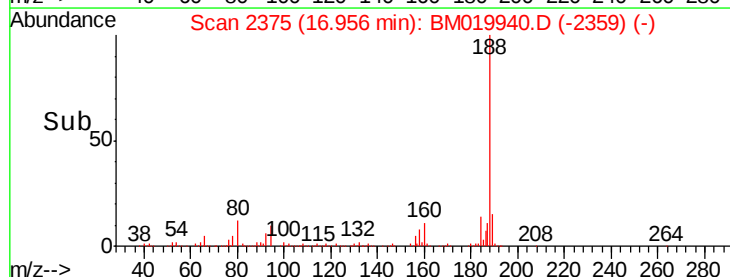
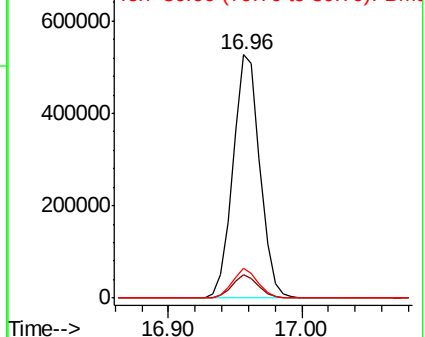
80 12.2 9.4 14.0

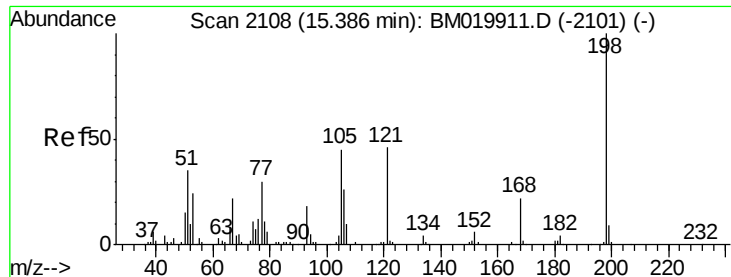


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

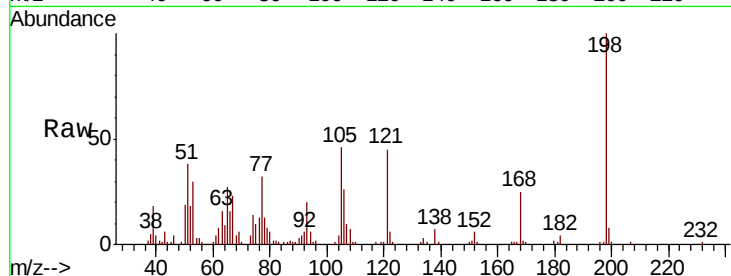




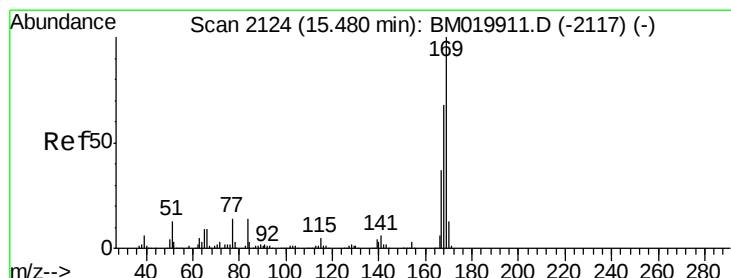
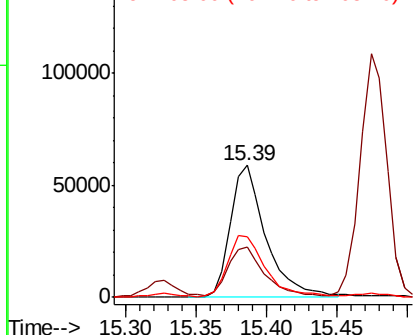
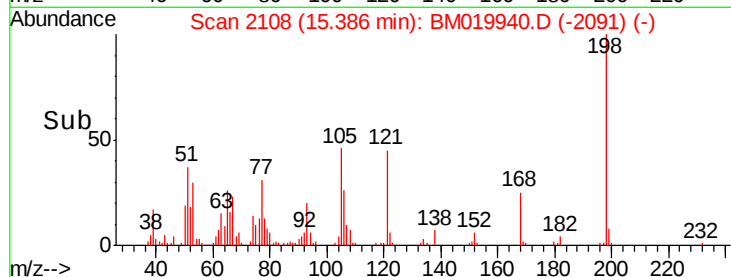
#65
 4,6-Dinitro-2-methylphenol
 Concen: 21.971 ng
 RT: 15.39 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BM019940.D
 Acq: 17 Apr 2019 16:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.8	17.9	57.9
105	46.3	26.1	66.1

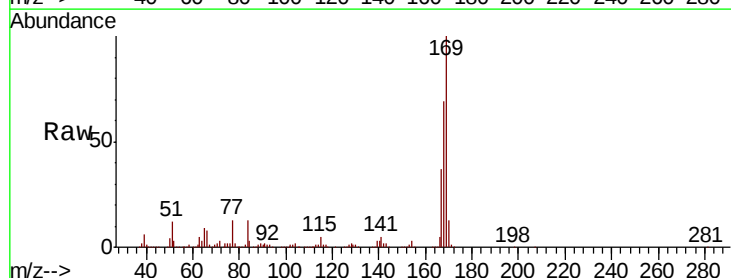


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

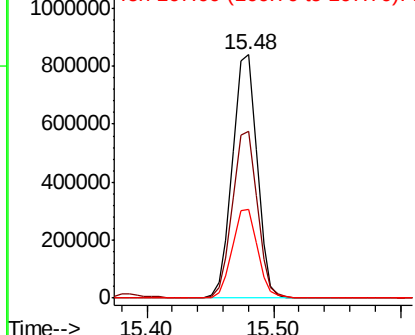
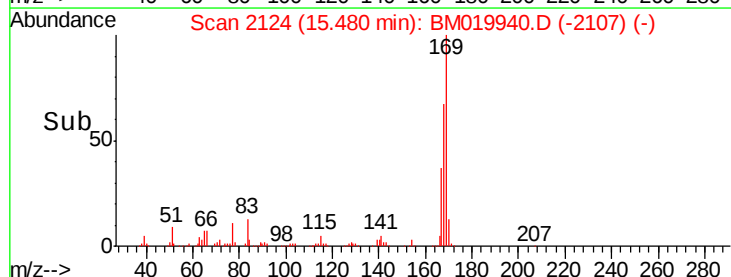


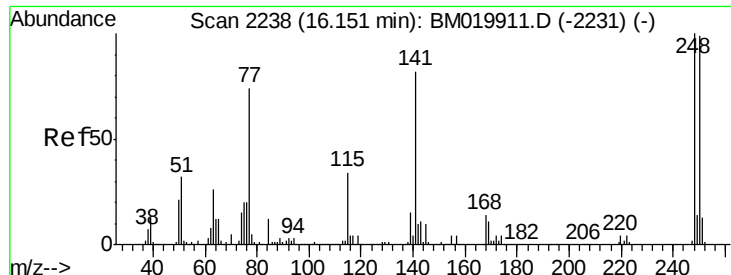
#66
 n-Nitrosodiphenylamine
 Concen: 46.593 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BM019940.D
 Acq: 17 Apr 2019 16:11

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.7	82.1
167	36.6	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

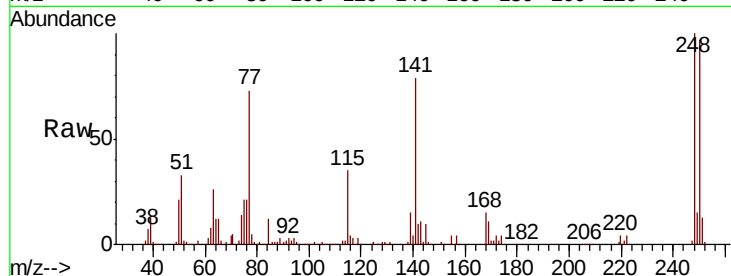




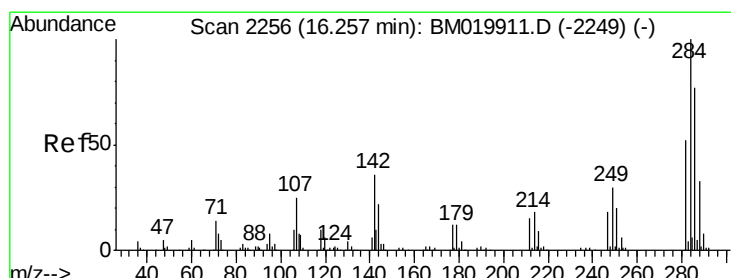
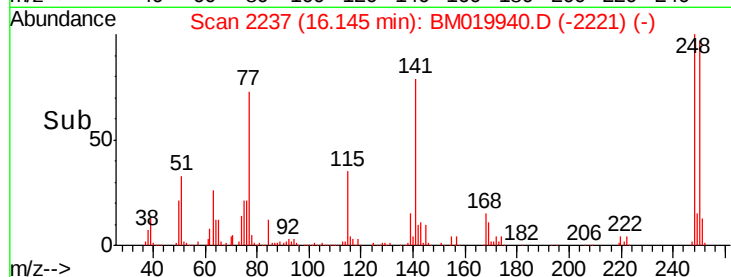
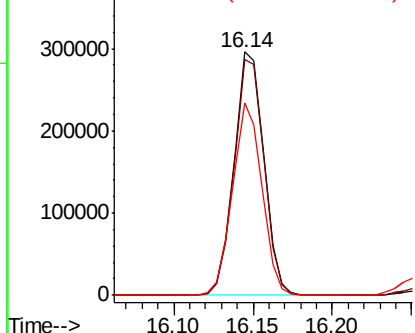
#67
4-Bromophenyl-phenylether
Concen: 45.378 ng
RT: 16.14 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 385595
Ion Ratio Lower Upper
248 100
250 96.8 78.9 118.3
141 79.3 65.6 98.4

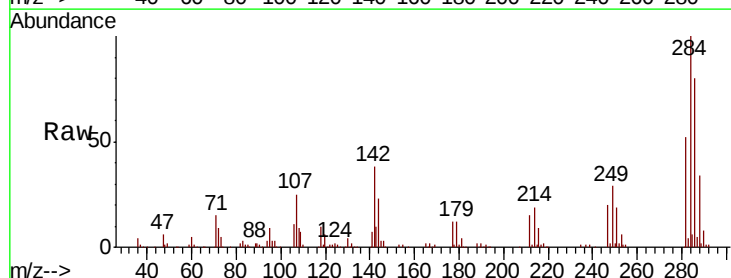


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

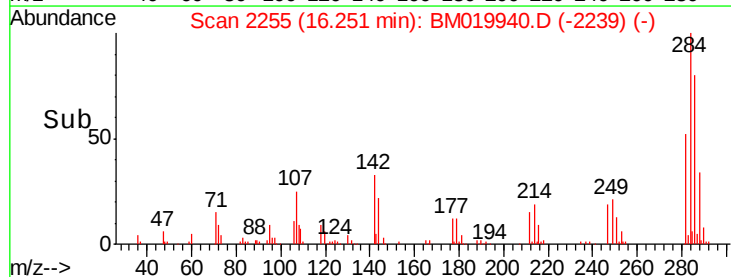
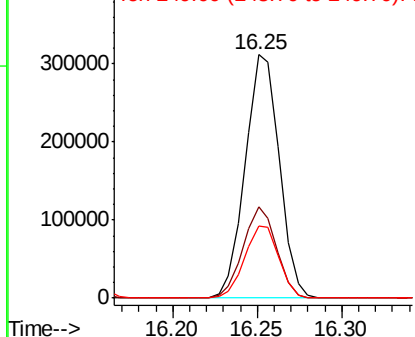


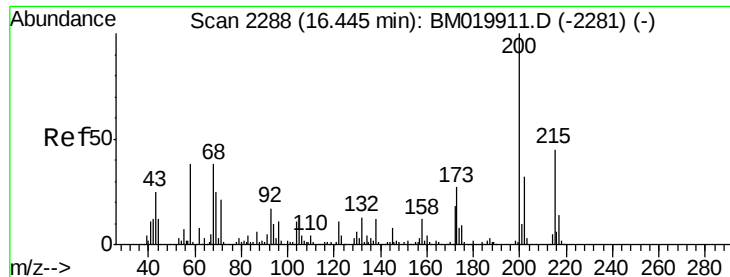
#68
Hexachlorobenzene
Concen: 43.044 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion:284 Resp: 438876
Ion Ratio Lower Upper
284 100
142 37.6 28.9 43.3
249 29.4 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

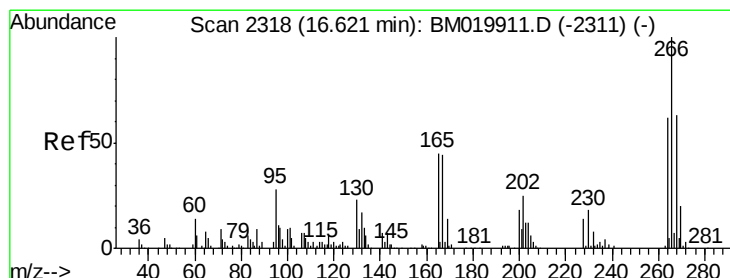
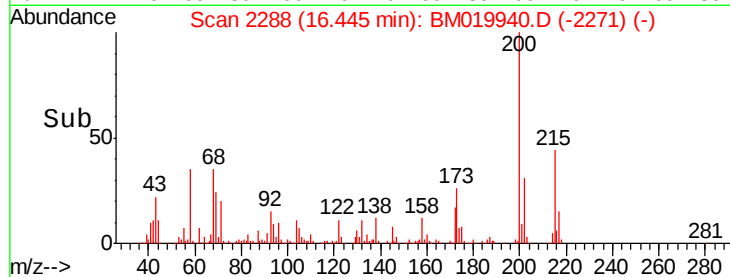
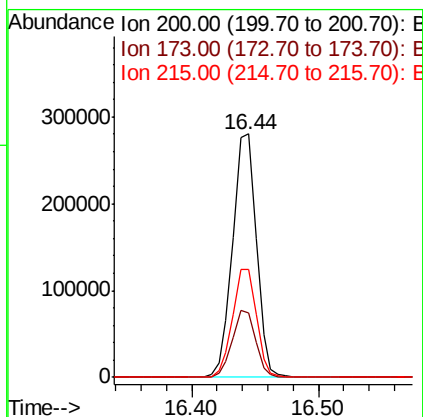
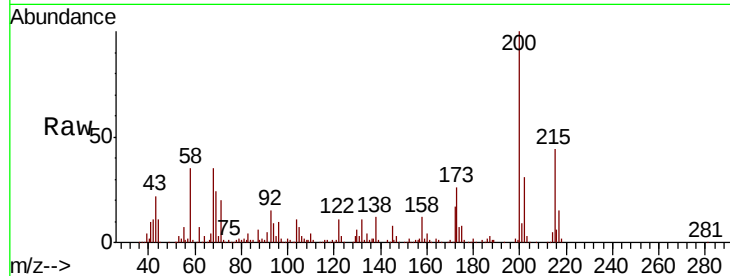




#69
 Atrazine
 Concen: 44.394 ng
 RT: 16.44 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BM019940.D
 Acq: 17 Apr 2019 16:11

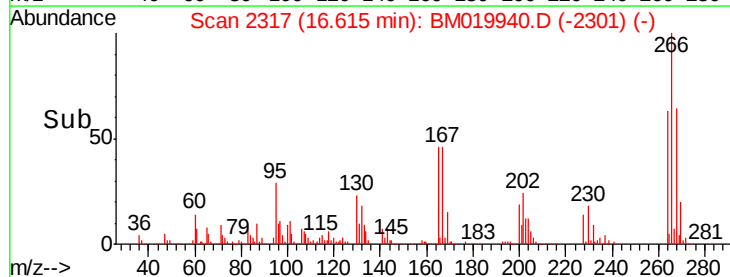
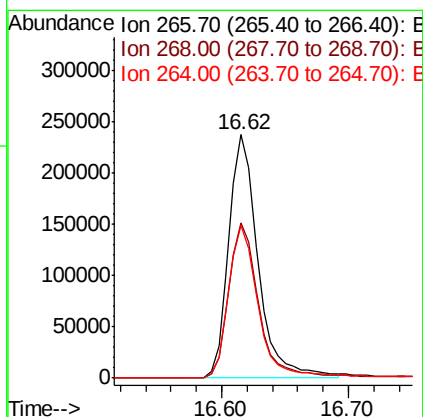
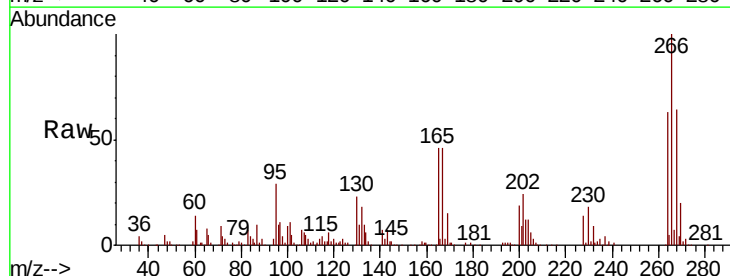
Instrument :
 BNA_M
 ClientSampleId :

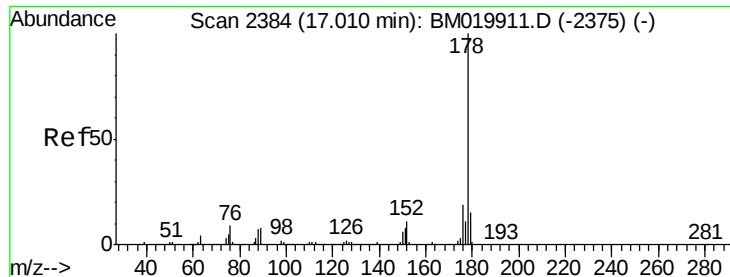
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.2	47.2
215	44.3	25.4	65.4



#70
 Pentachlorophenol
 Concen: 73.405 ng
 RT: 16.62 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BM019940.D
 Acq: 17 Apr 2019 16:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.3	75.5
264	62.6	49.8	74.8

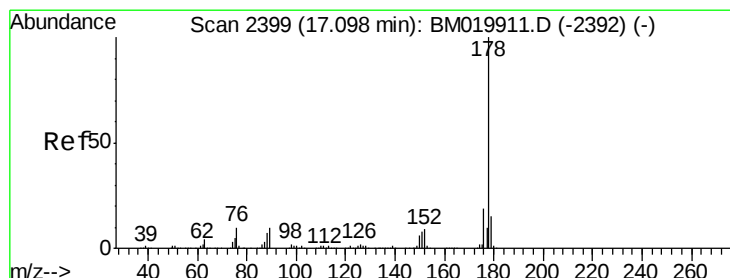
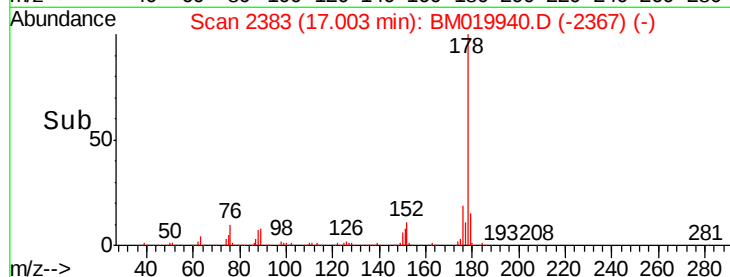
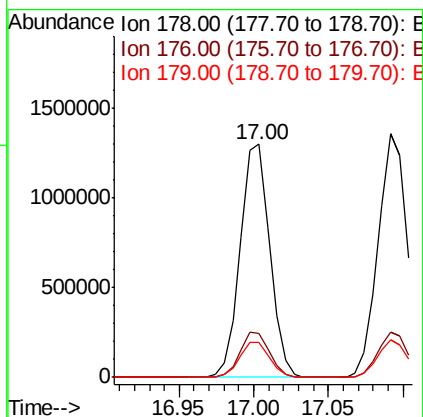
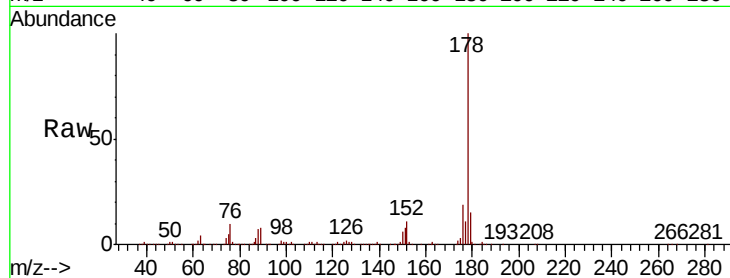




#71
Phenanthrene
Concen: 40.889 ng
RT: 17.00 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

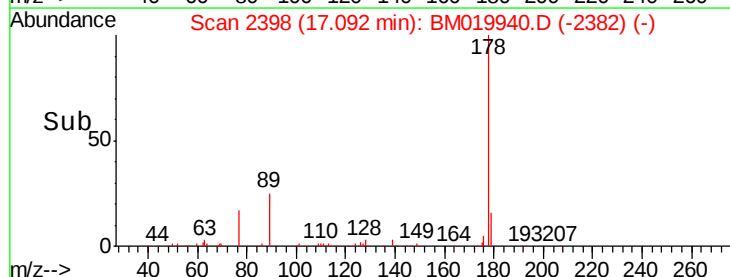
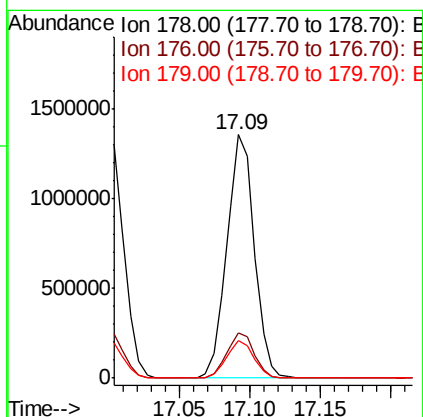
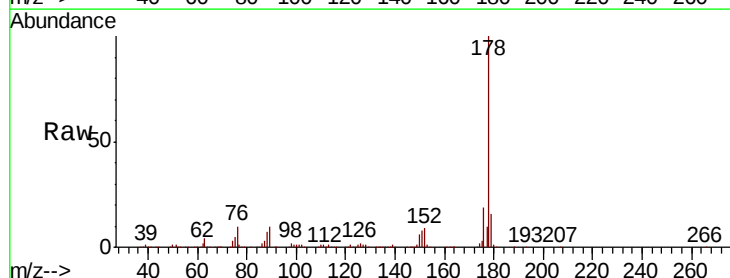
Instrument :
BNA_M
ClientSampleId :

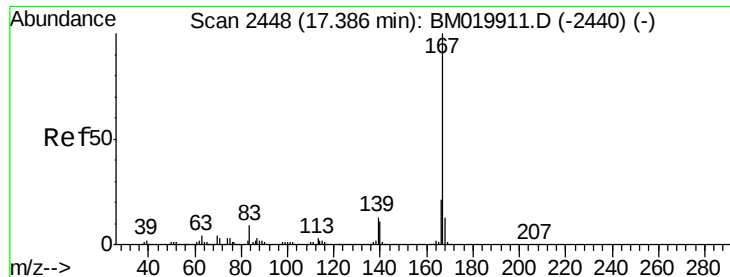
Tot Ion:178 Resp: 1793406
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.1 12.2 18.4



#72
Anthracene
Concen: 41.810 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion:178 Resp: 1825411
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.6 12.2 18.4





#73

Carbazole

Concen: 37.997 ng

RT: 17.38 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampleId :

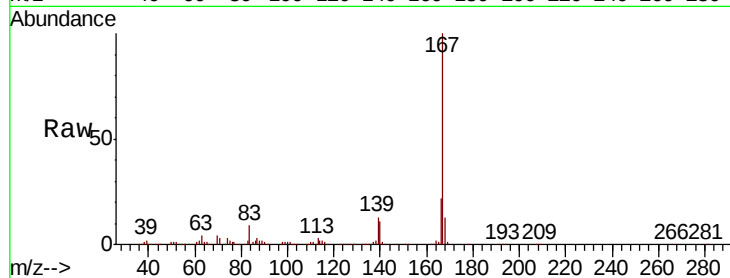
Tot Ion:167 Resp: 1548872

Ion Ratio Lower Upper

167 100

166 22.2 17.2 25.8

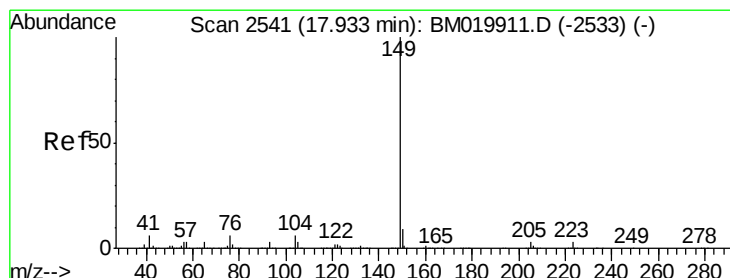
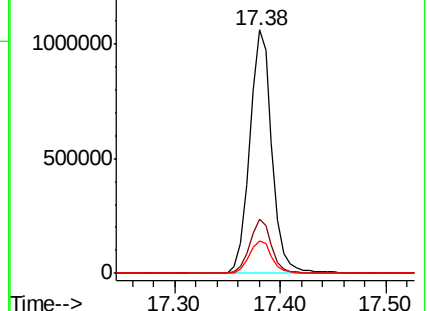
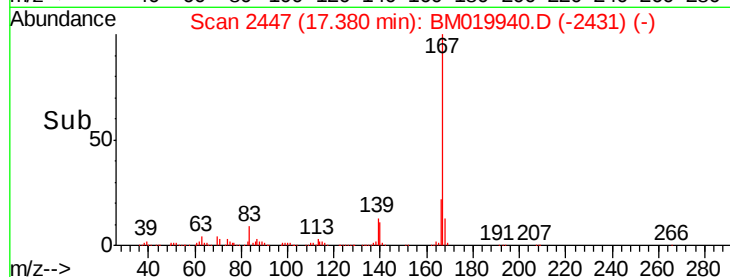
139 13.4 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.117 ng

RT: 17.93 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

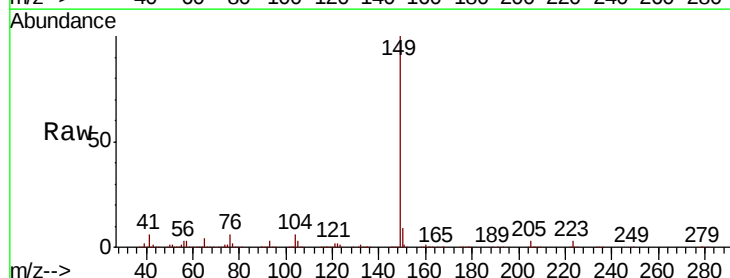
Tgt Ion:149 Resp: 2201129

Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

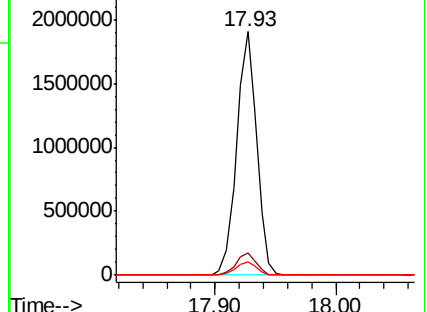
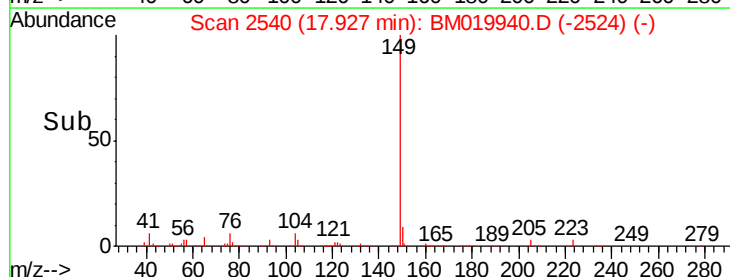
104 5.6 4.6 7.0

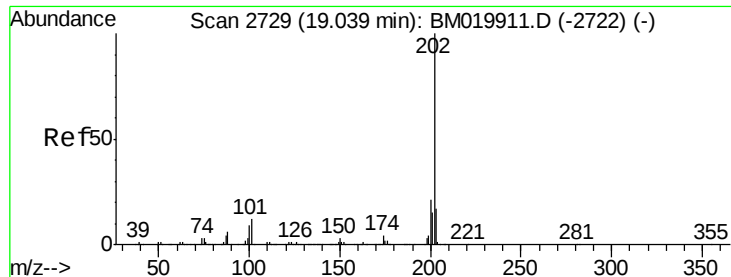


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 34.131 ng

RT: 19.03 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampleId :

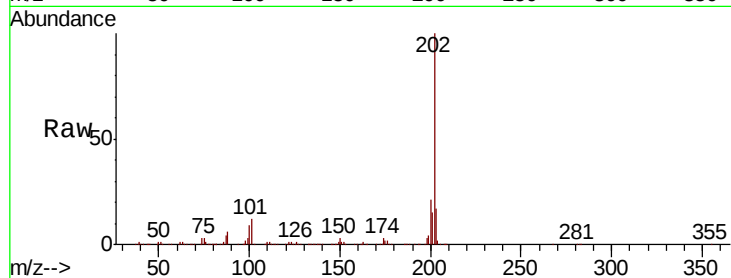
Tot Ion:202 Resp: 1722792

Ion Ratio Lower Upper

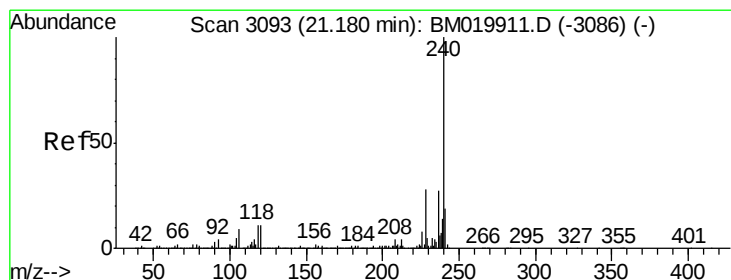
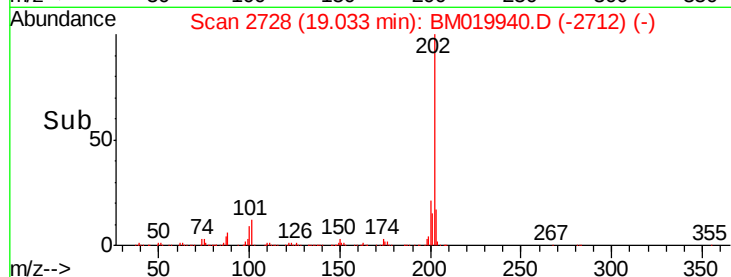
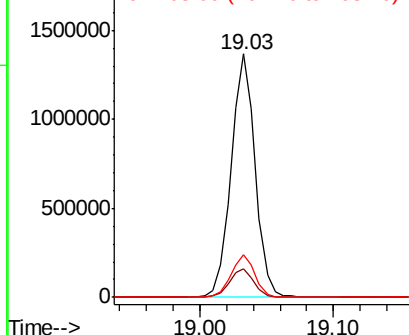
202 100

101 11.9 0.0 31.7

203 17.5 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: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

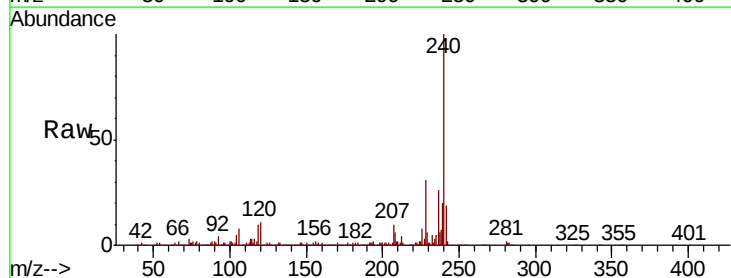
Tgt Ion:240 Resp: 530876

Ion Ratio Lower Upper

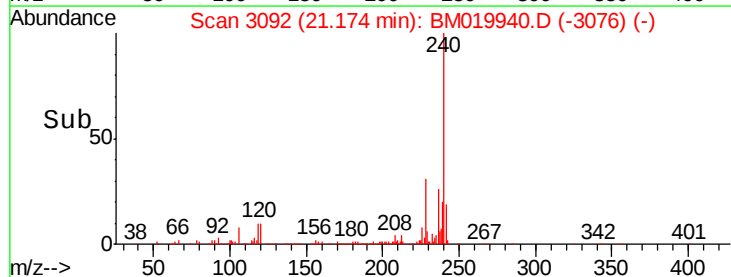
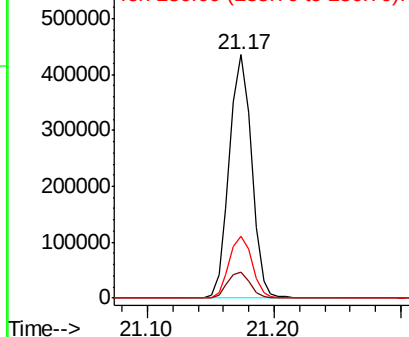
240 100

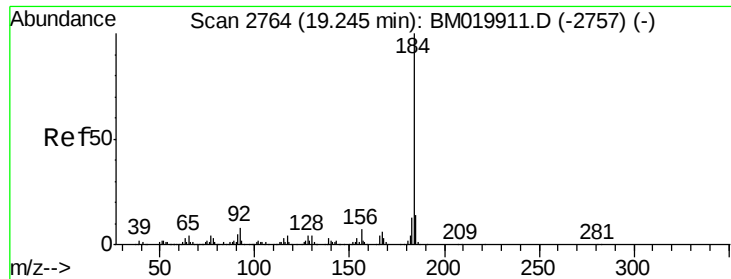
120 10.6 8.6 13.0

236 25.6 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: 21.313 ng

RT: 19.24 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampleId :

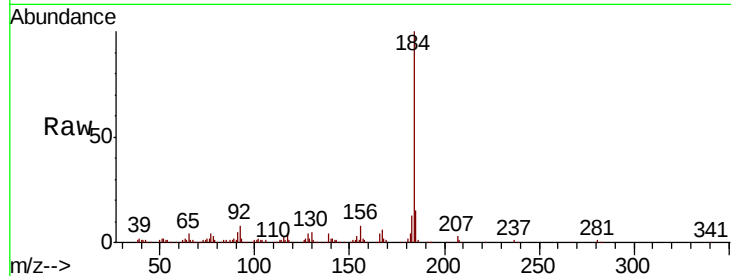
Tot Ion:184 Resp: 312188

Ion Ratio Lower Upper

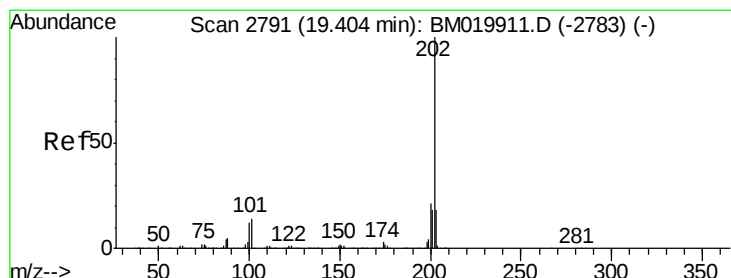
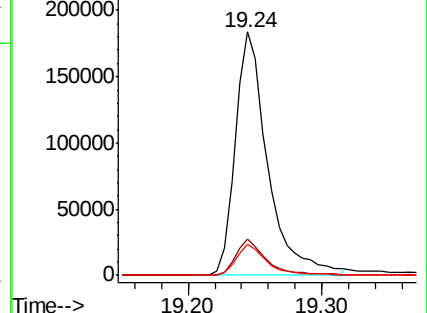
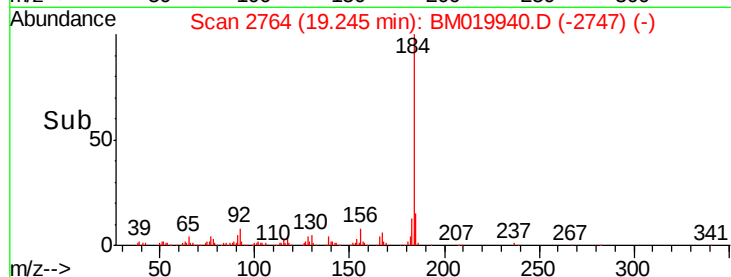
184 100

185 14.7 11.0 16.6

183 12.9 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: 48.592 ng

RT: 19.40 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

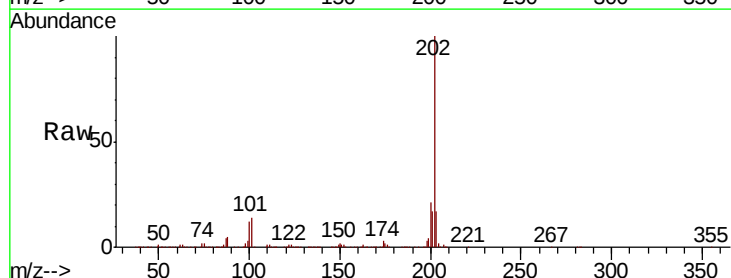
Tgt Ion:202 Resp: 1708315

Ion Ratio Lower Upper

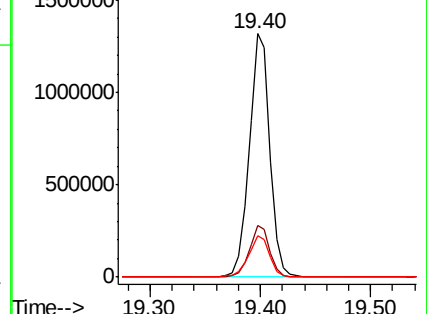
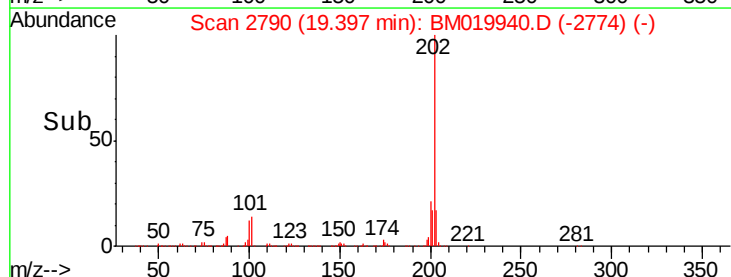
202 100

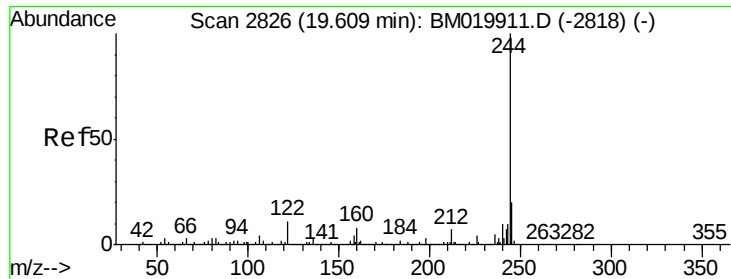
200 21.2 17.0 25.4

203 17.2 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: 91.511 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampleId :

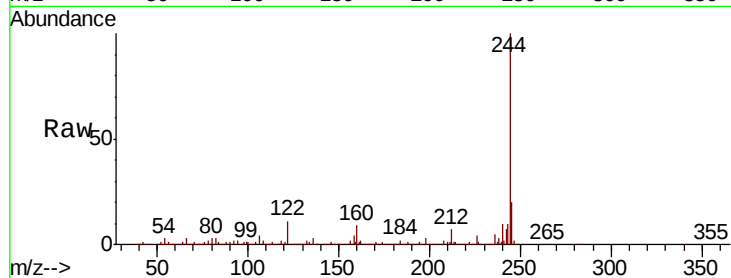
Tot Ion:244 Resp: 2754290

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

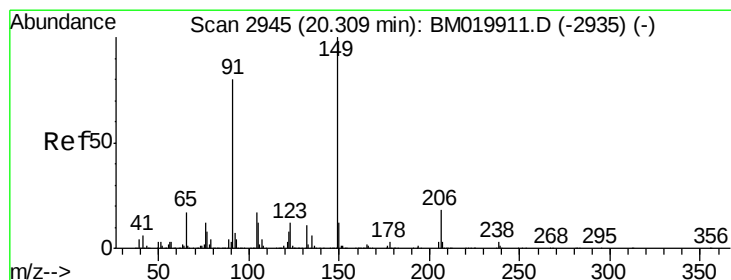
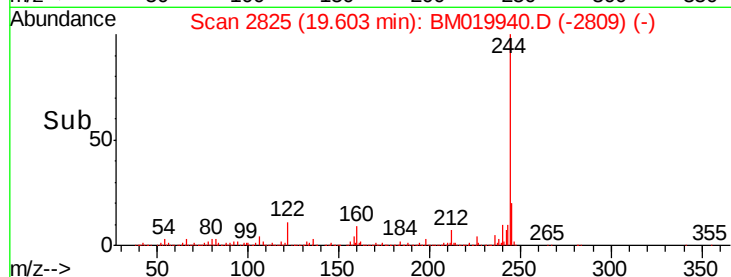
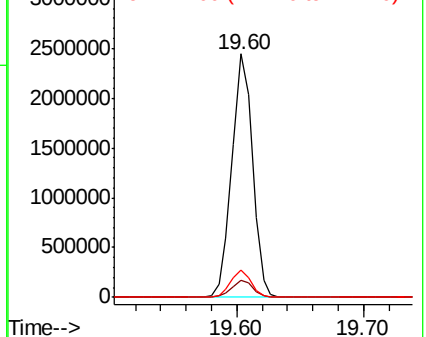
122 11.4 9.1 13.7



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: 48.104 ng

RT: 20.31 min Scan# 2945

Delta R.T. -0.00 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

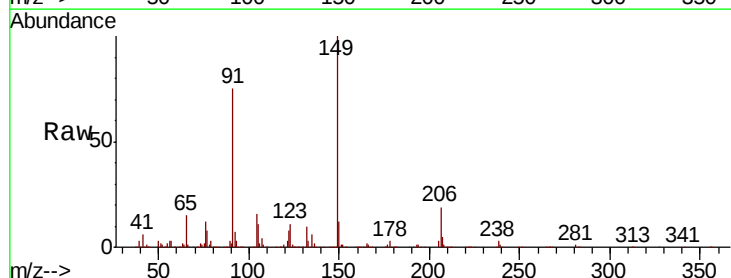
Tgt Ion:149 Resp: 819908

Ion Ratio Lower Upper

149 100

91 74.9 63.7 95.5

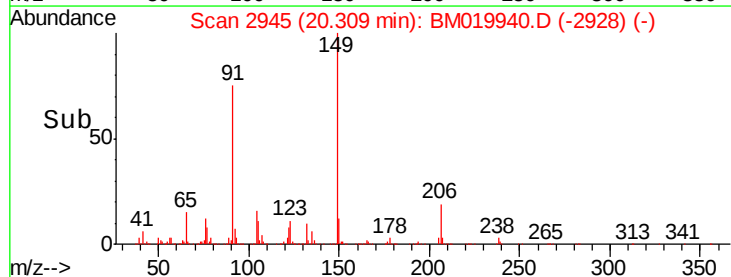
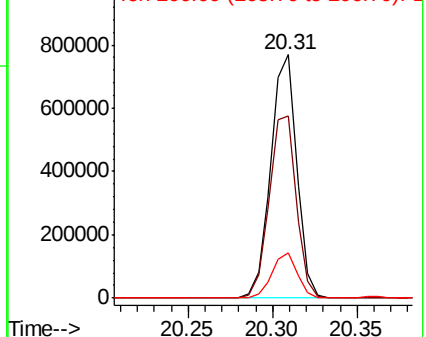
206 18.8 14.6 21.8

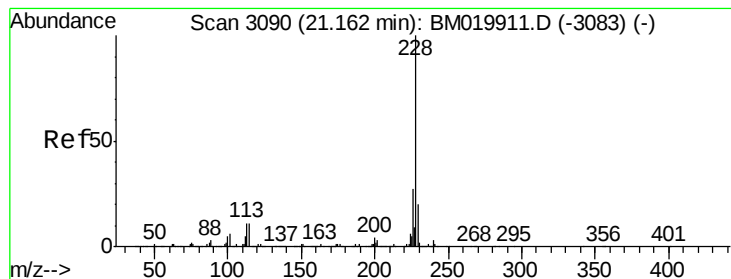


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.973 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

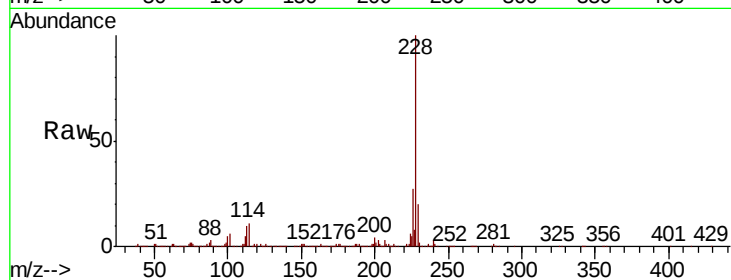
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1478780

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.6	15.9	23.9

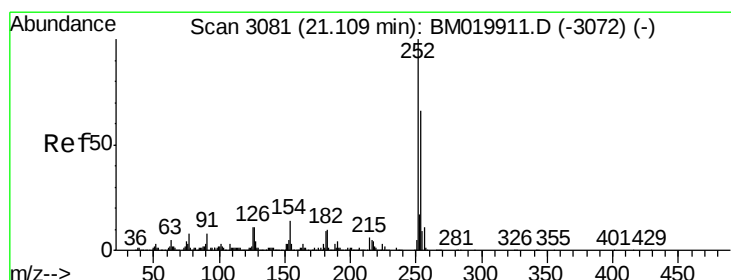
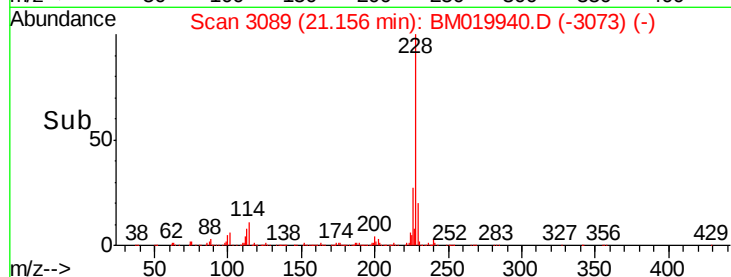
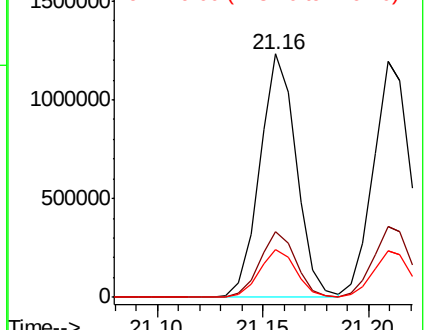


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.307 ng

RT: 21.10 min Scan# 3080

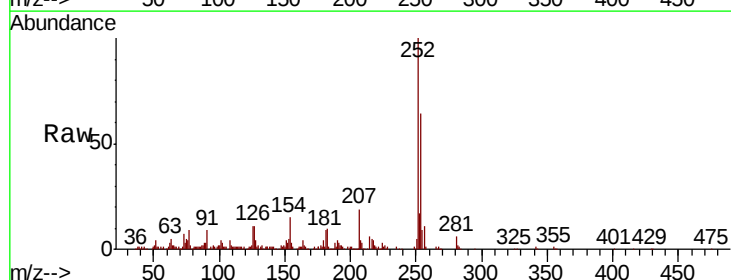
Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Tgt Ion:252 Resp: 229053

Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.6	78.8
126	11.3	8.6	12.8

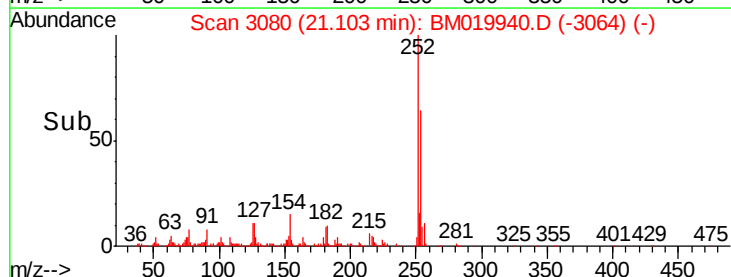
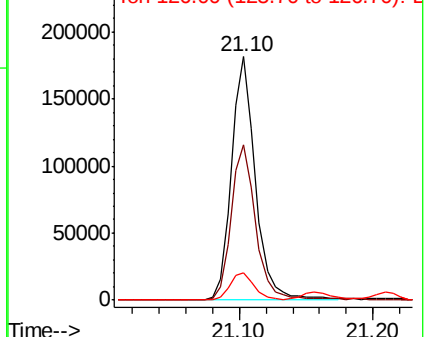


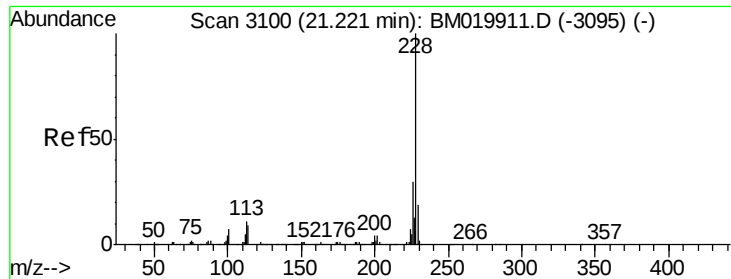
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 45.182 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampleId :

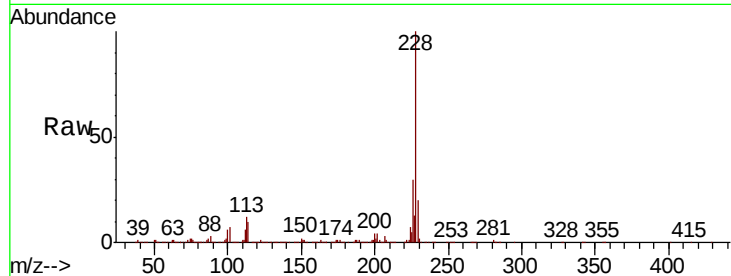
Tot Ion:228 Resp: 1457161

Ion Ratio Lower Upper

228 100

226 30.1 23.7 35.5

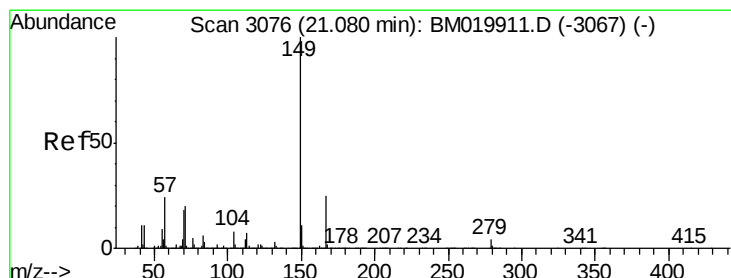
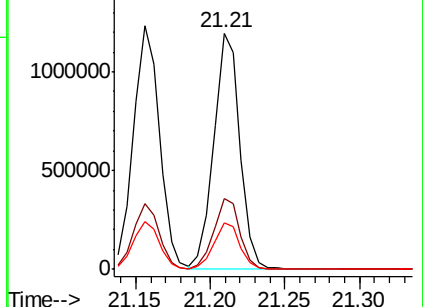
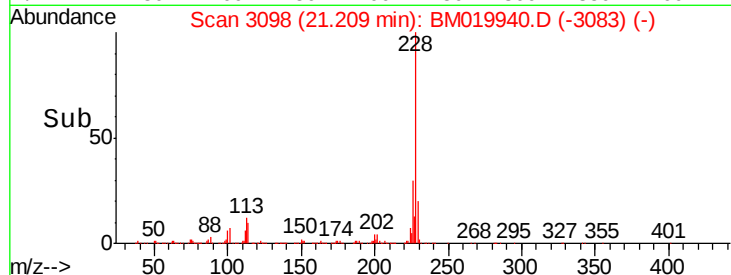
229 19.8 15.6 23.4



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: 46.802 ng

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

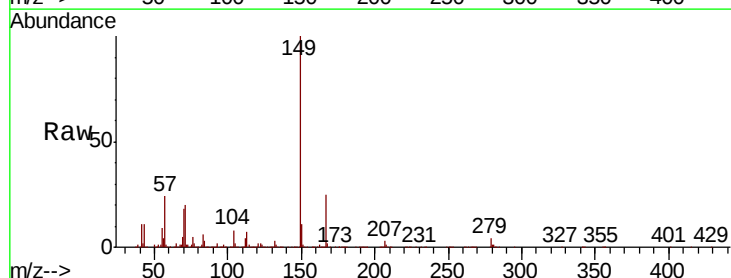
Tgt Ion:149 Resp: 1187598

Ion Ratio Lower Upper

149 100

167 25.5 20.3 30.5

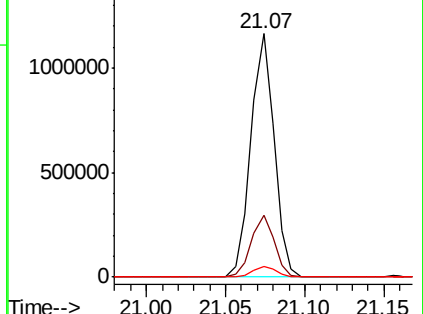
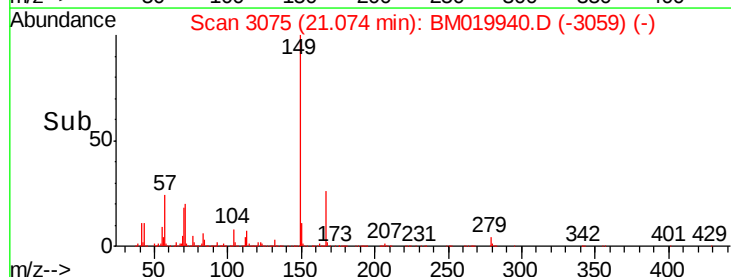
279 4.1 3.4 5.2

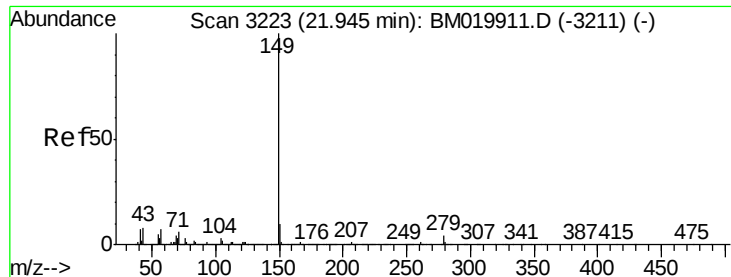


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.824 ng

RT: 21.94 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

Instrument :

BNA_M

ClientSampleId :

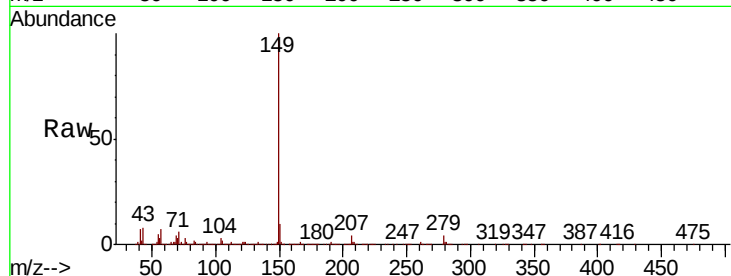
Tot Ion:149 Resp: 1969086

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

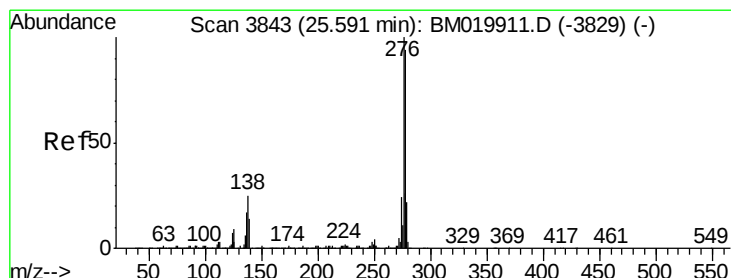
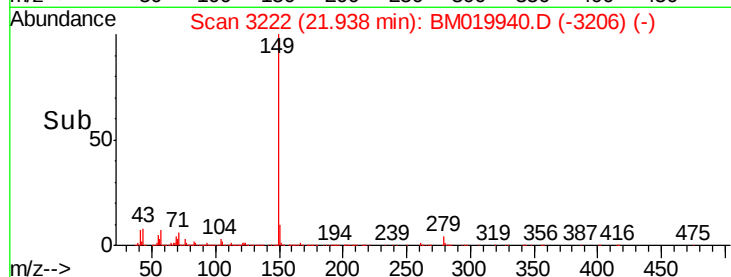
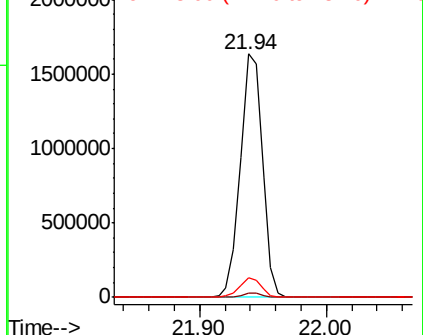
43 7.6 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 69.575 ng

RT: 25.58 min Scan# 3841

Delta R.T. -0.01 min

Lab File: BM019940.D

Acq: 17 Apr 2019 16:11

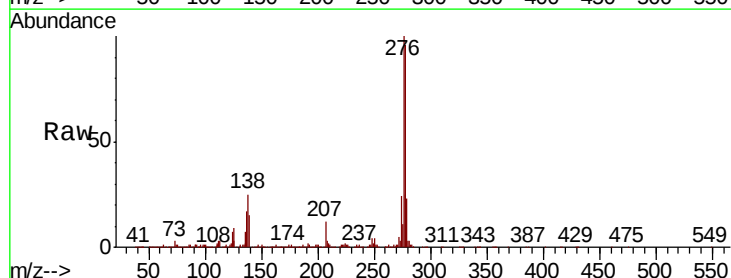
Tgt Ion:276 Resp: 2207341

Ion Ratio Lower Upper

276 100

138 24.0 19.0 28.6

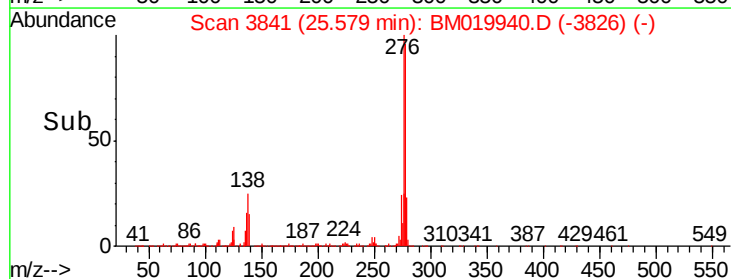
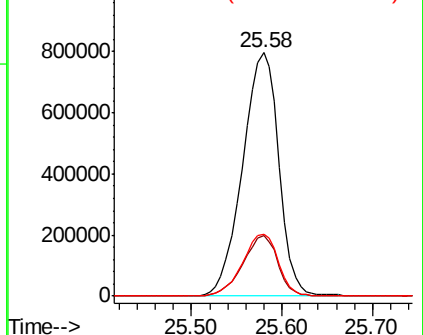
277 25.3 20.3 30.5

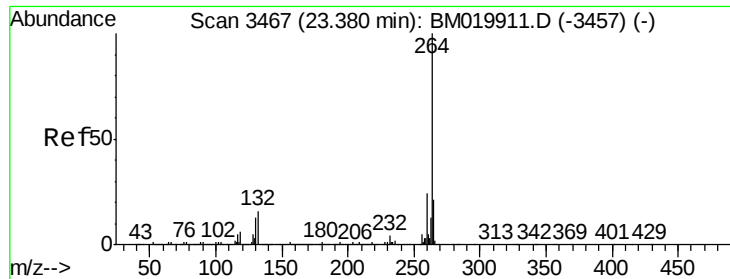


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



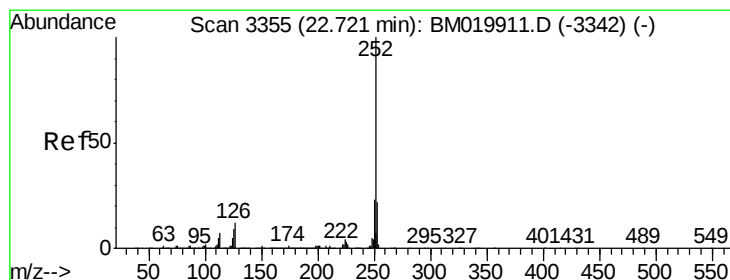
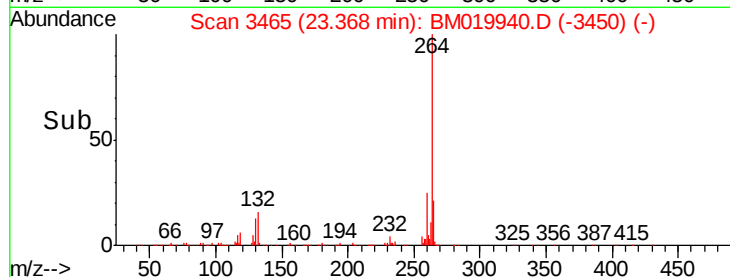
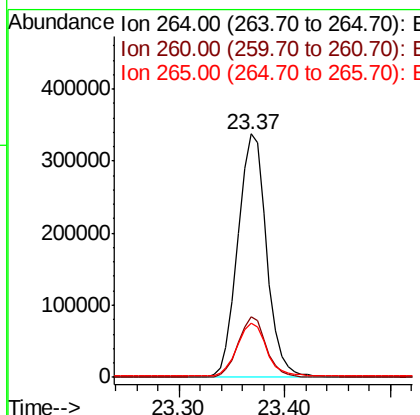
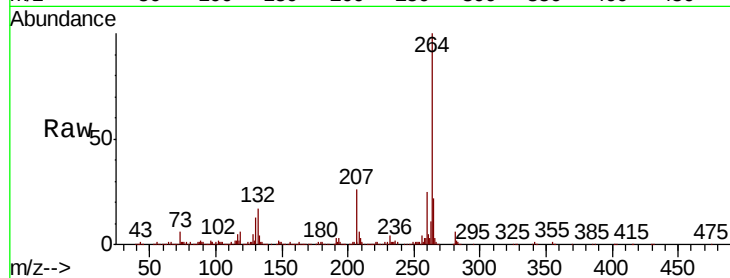


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 636772

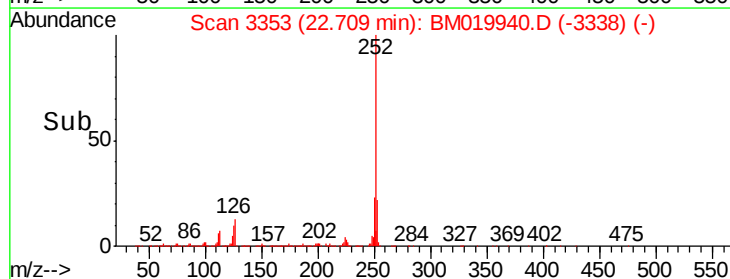
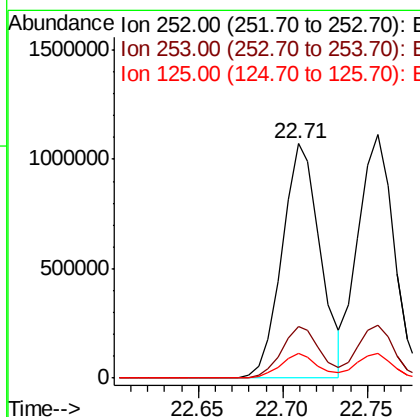
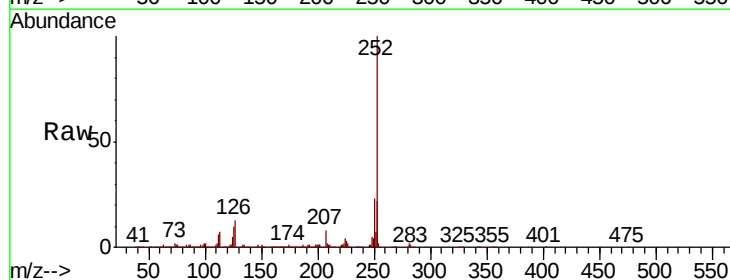
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.3	17.2	25.8

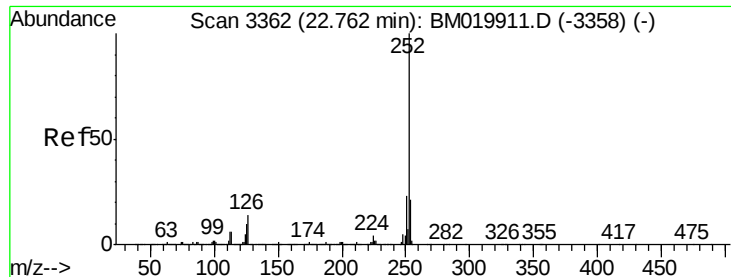


#88
Benzo(b)fluoranthene
Concen: 39.886 ng
RT: 22.71 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion:252 Resp: 1686482

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.3	7.6	11.4

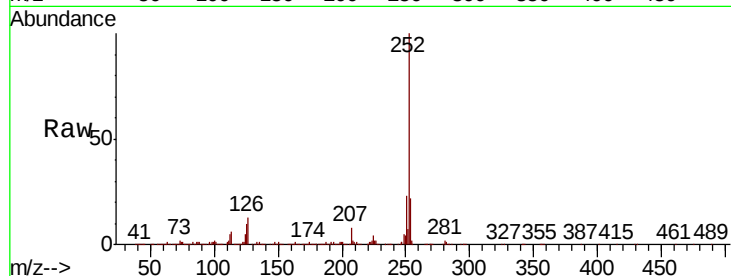




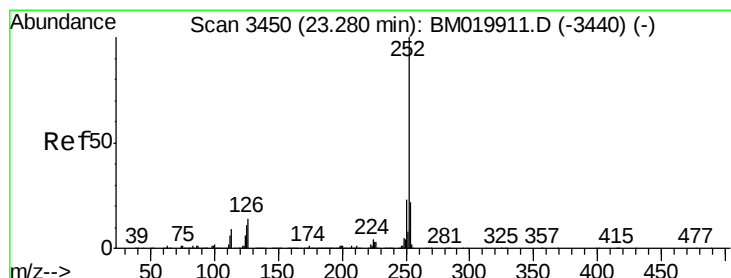
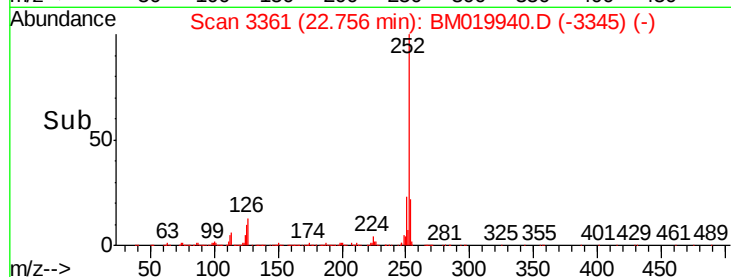
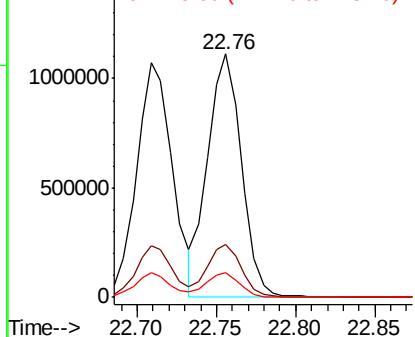
#89
Benzo(k)fluoranthene
Concen: 41.384 ng
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 1647331
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 10.0 8.2 12.4

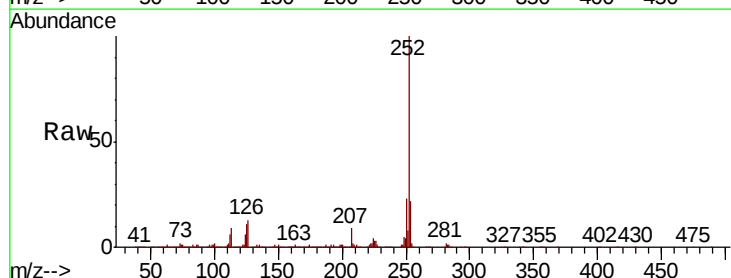


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

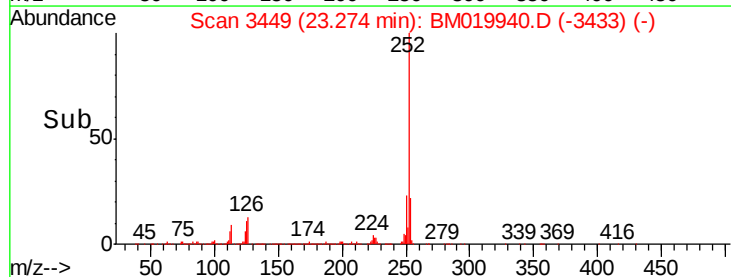
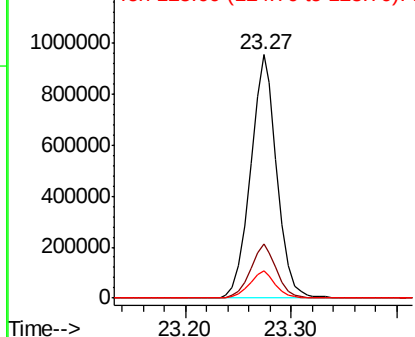


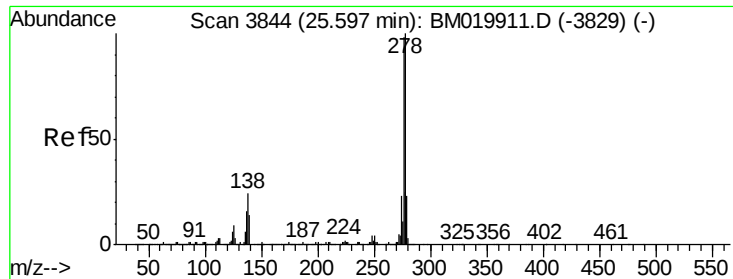
#90
Benzo(a)pyrene
Concen: 43.767 ng
RT: 23.27 min Scan# 3449
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion:252 Resp: 1639719
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 11.2 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

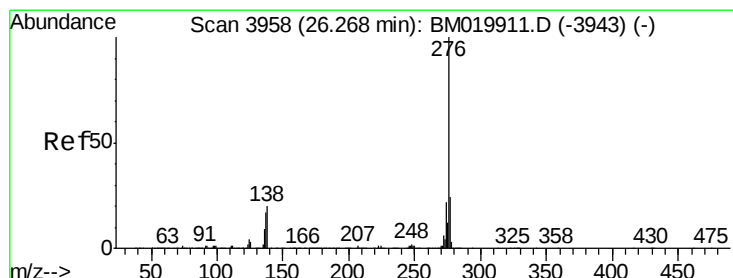
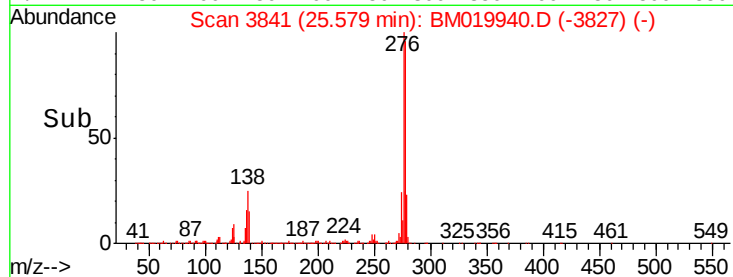
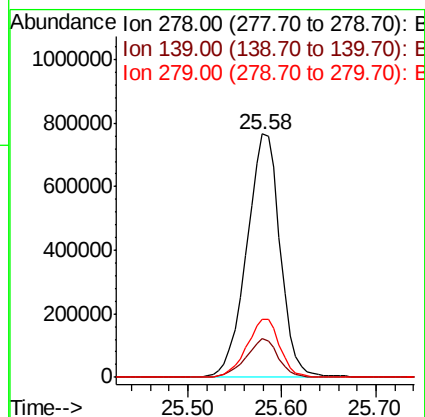
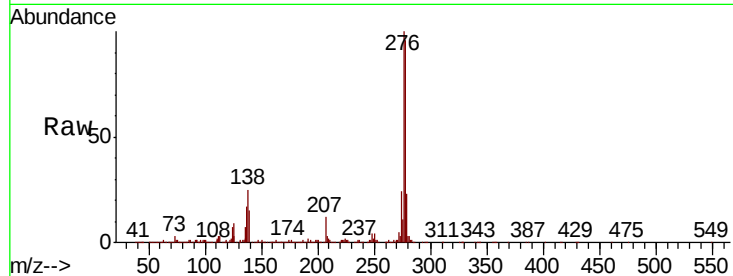




#91
Dibenzo(a,h)anthracene
Concen: 52.215 ng
RT: 25.58 min Scan# 3841
Delta R.T. -0.02 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Instrument :
BNA_M
ClientSampled :

Tot Ion:278 Resp: 1886062
Ion Ratio Lower Upper
278 100
139 15.8 11.6 17.4
279 23.7 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 54.157 ng
RT: 26.26 min Scan# 3956
Delta R.T. -0.01 min
Lab File: BM019940.D
Acq: 17 Apr 2019 16:11

Tgt Ion:276 Resp: 1771808
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 20.2 16.2 24.4

