

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041719\
 Data File : BM019949.D
 Acq On : 17 Apr 2019 21:41
 Operator : JU/SJ
 Sample : K2422-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 18 01:12:49 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	219067	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	918303	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	506401	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	1002738	20.00	ng	0.00
76) Chrysene-d12	21.17	240	738892	20.00	ng	0.00
87) Perylene-d12	23.37	264	847843	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1456998	107.79	ng	0.00
7) Phenol-d6	6.73	99	2119902	104.21	ng	0.00
23) Nitrobenzene-d5	8.70	82	1328111	64.68	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	782732	96.02	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	2519757	62.01	ng	0.00
79) Terphenyl-d14	19.60	244	2762996	65.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	129311	22.168	ng	99
3) Pyridine	3.51	79	361207	22.111	ng	99
4) n-Nitrosodimethylamine	3.43	42	139313	26.473	ng	# 90
6) Aniline	6.88	93	311002	11.836	ng	100
8) 2-Chlorophenol	7.10	128	453585	26.980	ng	99
9) Benzaldehyde	6.70	77	170008	11.675	ng	99
10) Phenol	6.75	94	622883	28.024	ng	97
11) bis(2-Chloroethyl)ether	6.98	93	402534	24.753	ng	100
12) 1,3-Dichlorobenzene	7.41	146	438506	24.845	ng	98
13) 1,4-Dichlorobenzene	7.56	146	453080	25.301	ng	100
14) 1,2-Dichlorobenzene	7.87	146	442646	24.930	ng	100
15) Benzyl Alcohol	7.79	79	460653	24.908	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.06	45	381530	24.611	ng	97
17) 2-Methylphenol	7.99	107	385954	26.237	ng	100
18) Hexachloroethane	8.57	117	169858	24.402	ng	97
19) n-Nitroso-di-n-propylamine	8.34	70	403582	22.569	ng	98
20) 3+4-Methylphenols	8.32	107	519093	25.688	ng	98
22) Acetophenone	8.36	105	678892	27.143	ng	99
24) Nitrobenzene	8.75	77	576440	27.099	ng	100
25) Isophorone	9.26	82	1010019	25.268	ng	100
26) 2-Nitrophenol	9.45	139	241810	26.676	ng	99
27) 2,4-Dimethylphenol	9.50	122	393301	30.686	ng	98
28) bis(2-Chloroethoxy)methane	9.74	93	573668	25.630	ng	99
29) 2,4-Dichlorophenol	9.97	162	406423	27.920	ng	98
30) 1,2,4-Trichlorobenzene	10.17	180	431011	27.510	ng	99
31) Naphthalene	10.35	128	1331739	27.038	ng	100
32) Benzoic acid	9.70	122	224571	21.708	ng	98
33) 4-Chloroaniline	10.51	127	92377	4.553	ng	99
34) Hexachlorobutadiene	10.60	225	244840	26.497	ng	96
35) Caprolactam	11.33	113	54356	9.865	ng	98
36) 4-Chloro-3-methylphenol	11.63	107	469634	25.965	ng	97
37) 2-Methylnaphthalene	11.97	142	957719	26.708	ng	99
38) 1-Methylnaphthalene	12.20	142	912894	25.783	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.35	216	449815	28.793	ng	99

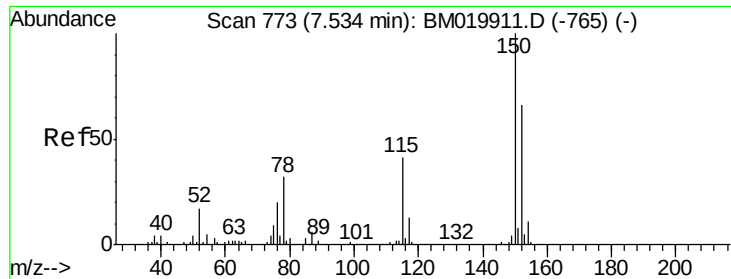
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041719\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.30	237	241028	48.889	ng	97
43) 2,4,6-Trichlorophenol	12.62	196	311720	29.432	ng	99
44) 2,4,5-Trichlorophenol	12.70	196	318738	28.915	ng	99
46) 1,1'-Biphenyl	13.02	154	1227652	27.990	ng	100
47) 2-Chloronaphthalene	13.06	162	951955	28.454	ng	100
48) 2-Nitroaniline	13.30	65	321535	26.663	ng	99
49) Acenaphthylene	13.92	152	1537820	26.418	ng	99
50) Dimethylphthalate	13.67	163	1613728	36.127	ng	100
51) 2,6-Dinitrotoluene	13.80	165	255733	25.891	ng	92
52) Acenaphthene	14.26	154	877681	27.193	ng	100
53) 3-Nitroaniline	14.15	138	88096	8.932	ng	92
54) 2,4-Dinitrophenol	14.37	184	137272	28.576	ng	96
55) Dibenzofuran	14.60	168	1413443	26.781	ng	100
56) 4-Nitrophenol	14.47	139	354192	48.038	ng	99
57) 2,4-Dinitrotoluene	14.61	165	360324	25.378	ng	99
58) Fluorene	15.25	166	1155707	25.842	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.83	232	271707	27.013	ng	100
60) Diethylphthalate	15.03	149	1223005	26.326	ng	100
61) 4-Chlorophenyl-phenylether	15.24	204	573148	26.618	ng	94
62) 4-Nitroaniline	15.33	138	200700	20.654	ng	98
63) Azobenzene	15.54	77	1318410	26.553	ng	100
65) 4,6-Dinitro-2-methylphenol	15.38	198	112021	17.509	ng	95
66) n-Nitrosodiphenylamine	15.47	169	963672	29.396	ng	99
67) 4-Bromophenyl-phenylether	16.14	248	329110	28.547	ng	99
68) Hexachlorobenzene	16.25	284	383068	27.692	ng	98
69) Atrazine	16.44	200	316396	28.431	ng	99
70) Pentachlorophenol	16.62	266	359083	50.805	ng	99
71) Phenanthrene	17.00	178	1605679	26.984	ng	100
72) Anthracene	17.09	178	1636532	27.629	ng	100
73) Carbazole	17.38	167	1421991	25.713	ng	99
74) Di-n-butylphthalate	17.93	149	2012375	27.708	ng	99
75) Fluoranthene	19.03	202	1592305	23.252	ng	99
77) Benzidine	19.24	184	650580	31.911	ng	99
78) Pyrene	19.40	202	1586925	32.432	ng	100
80) Butylbenzylphthalate	20.30	149	781196	32.930	ng	99
81) Benzo(a)anthracene	21.16	228	1370316	29.276	ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	279368	16.042	ng	99
83) Chrysene	21.21	228	1344335	29.949	ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	1143408	32.375	ng	99
85) Di-n-octyl phthalate	21.94	149	1836701	32.050	ng	99
86) Indeno(1,2,3-cd)pyrene	25.57	276	1885053	42.689	ng	100
88) Benzo(b)fluoranthene	22.71	252	1463189	25.990	ng	99
89) Benzo(k)fluoranthene	22.75	252	1492828	28.166	ng	99
90) Benzo(a)pyrene	23.27	252	1446092	28.990	ng	99
91) Dibenzo(a,h)anthracene	25.57	278	1600506	33.279	ng	98
92) Benzo(g,h,i)perylene	26.25	276	1514257	34.762	ng	100

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

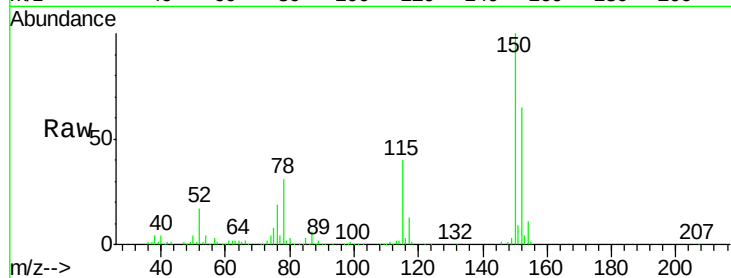


#1

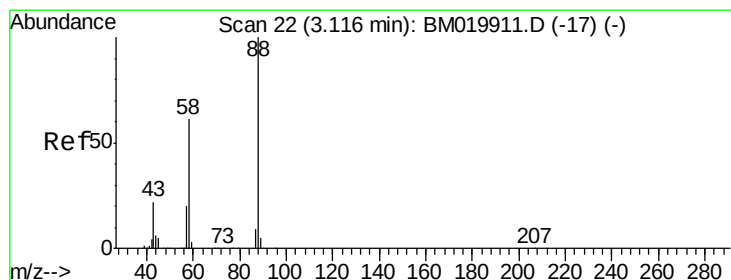
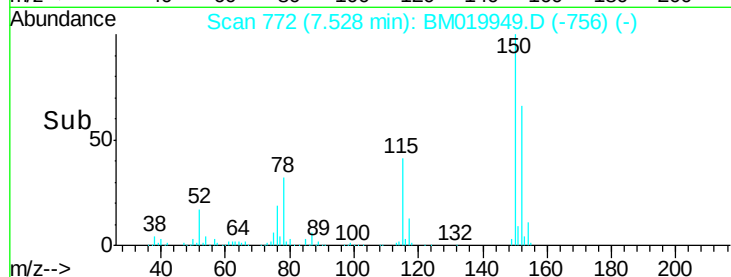
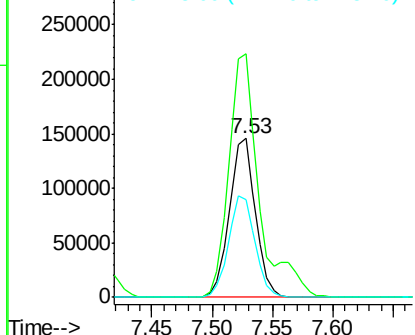
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.1	183.1
115	61.8	50.0	75.0



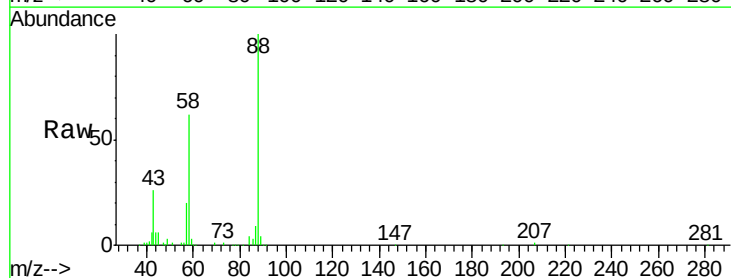
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



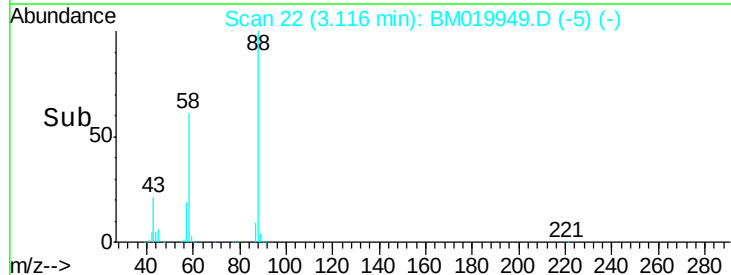
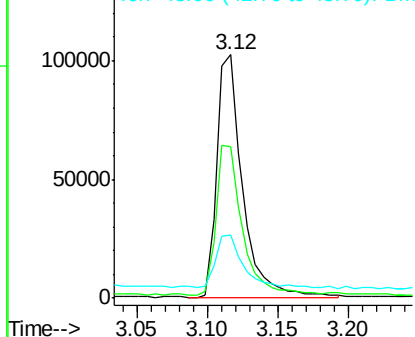
#2

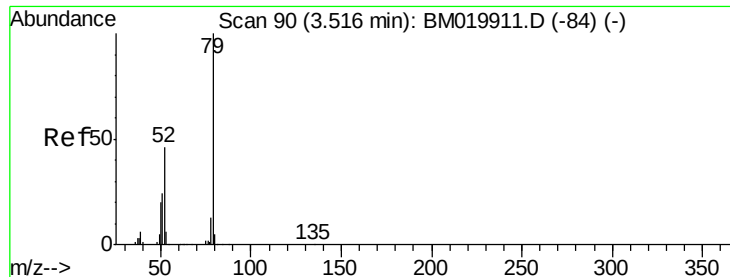
1,4-Dioxane
Concen: 22.168 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.0	49.6	74.4
43	24.5	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: 22.111 ng

RT: 3.51 min Scan# 89

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :

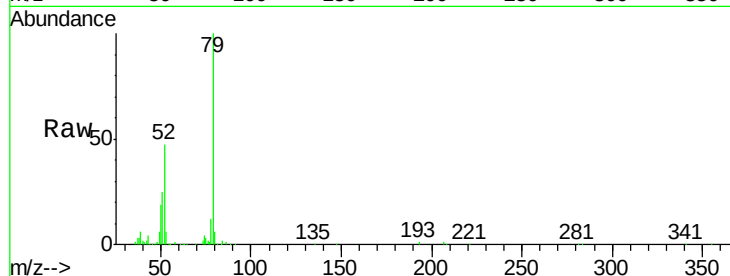
Tot Ion: 79 Resp: 361207

Ion Ratio Lower Upper

79 100

52 46.6 36.9 55.3

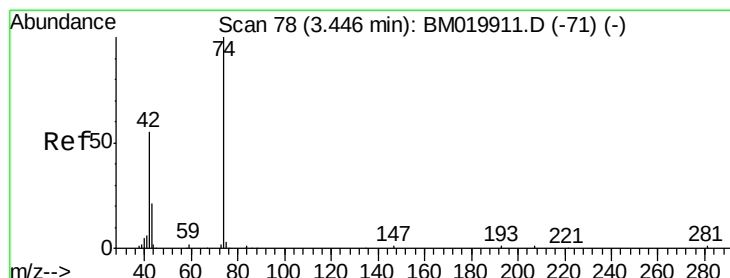
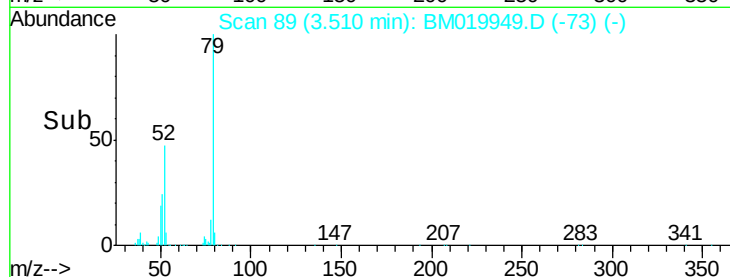
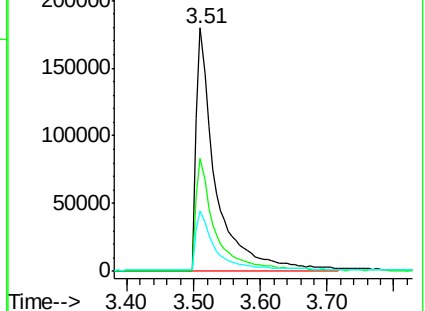
51 24.7 20.0 30.0



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

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

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



#4

n-Nitrosodimethylamine

Concen: 26.473 ng

RT: 3.43 min Scan# 76

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

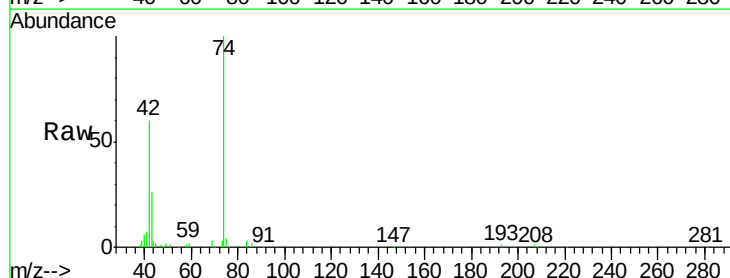
Tgt Ion: 42 Resp: 139313

Ion Ratio Lower Upper

42 100

74 166.7 144.6 217.0

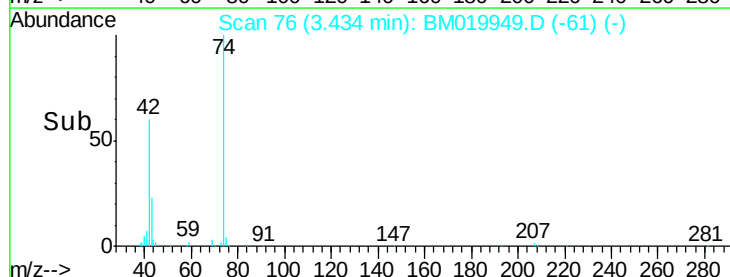
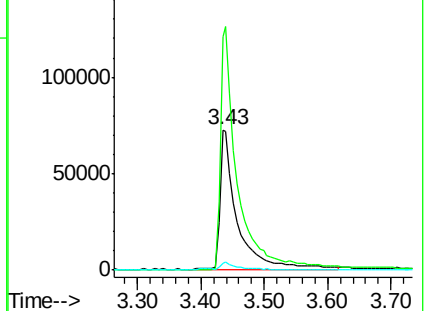
44 5.1 5.4 8.2#

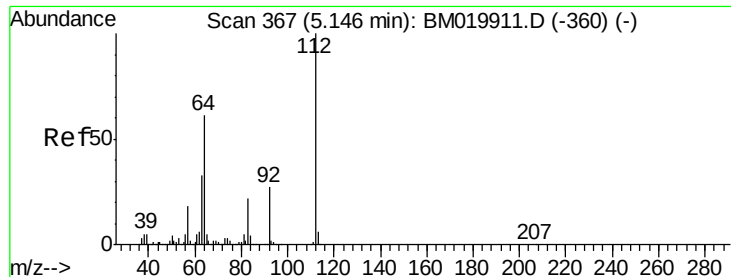


Abundance Ion 42.00 (41.70 to 42.70): BM019949.D (-61) (-)

Ion 74.00 (73.70 to 74.70): BM019949.D (-61) (-)

Ion 44.00 (43.70 to 44.70): BM019949.D (-61) (-)





#5

2-Fluorophenol

Concen: 107.788 ng

RT: 5.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :

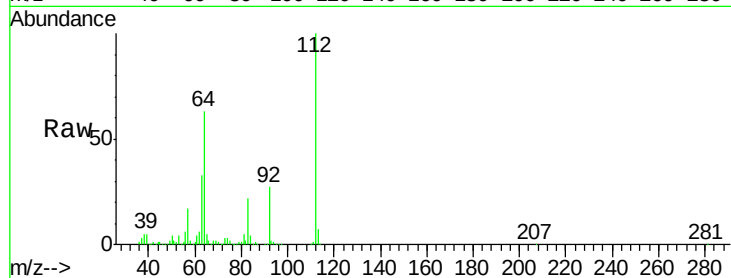
Tot Ion:112 Resp: 1456998

Ion Ratio Lower Upper

112 100

64 63.0 49.1 73.7

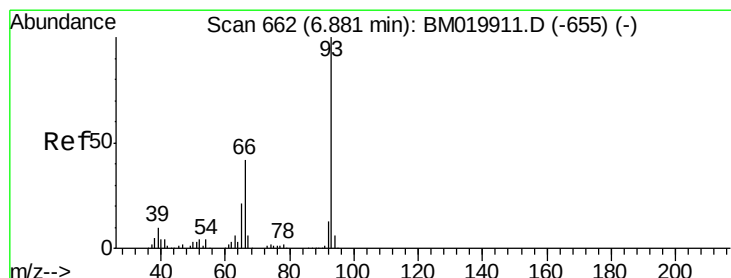
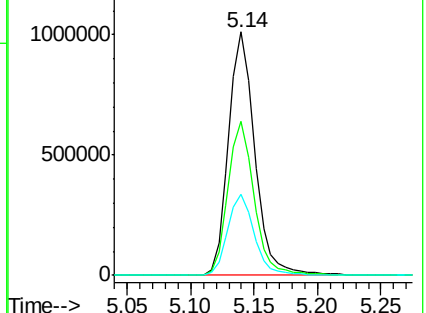
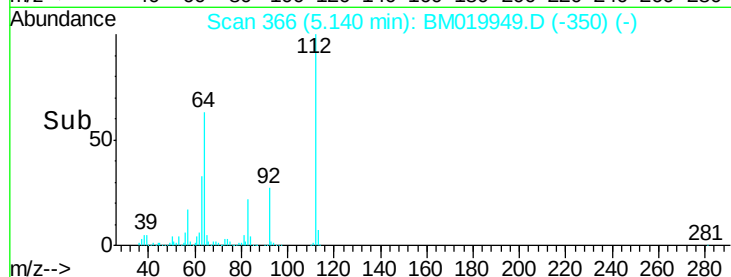
63 33.4 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 11.836 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

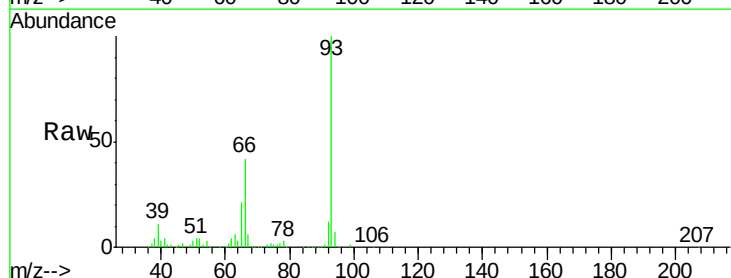
Tgt Ion: 93 Resp: 311002

Ion Ratio Lower Upper

93 100

66 42.4 33.9 50.9

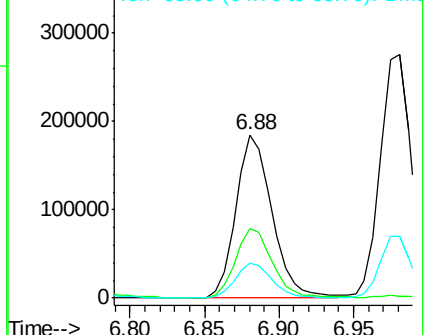
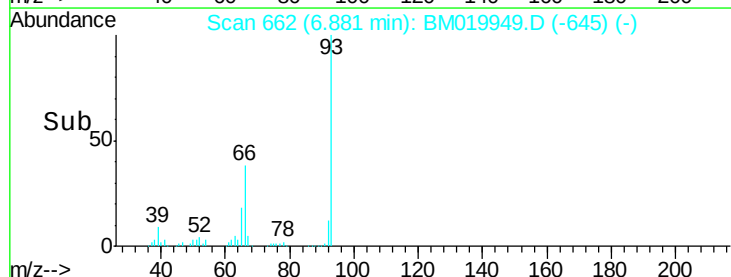
65 21.3 17.0 25.6

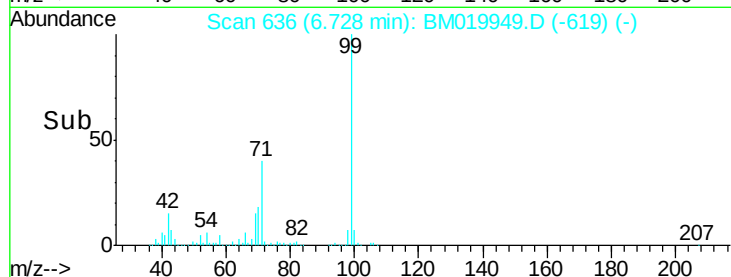
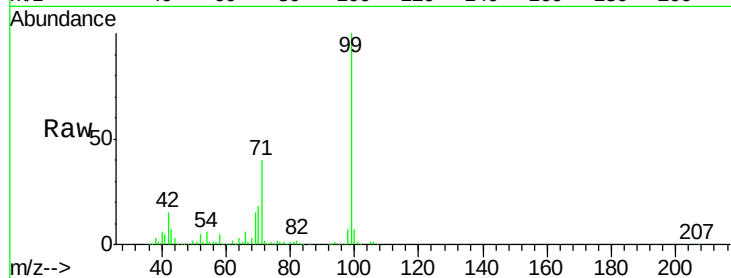
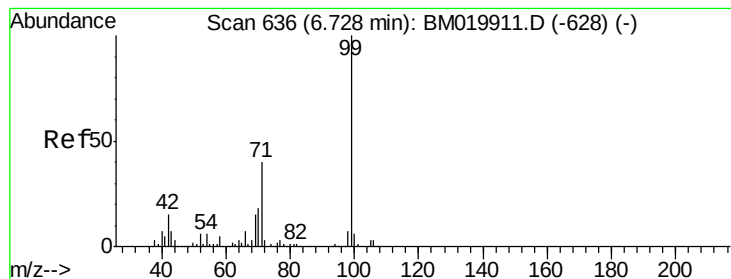


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 104.207 ng

RT: 6.73 min Scan# 636

Delta R.T. -0.00 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :

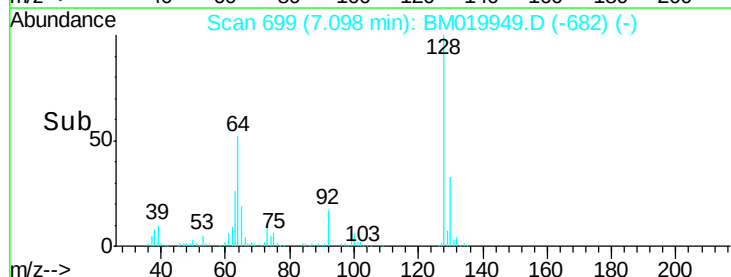
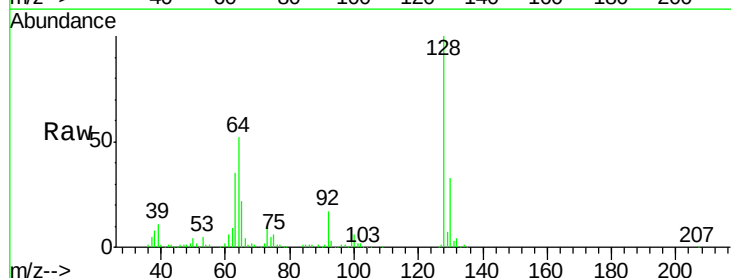
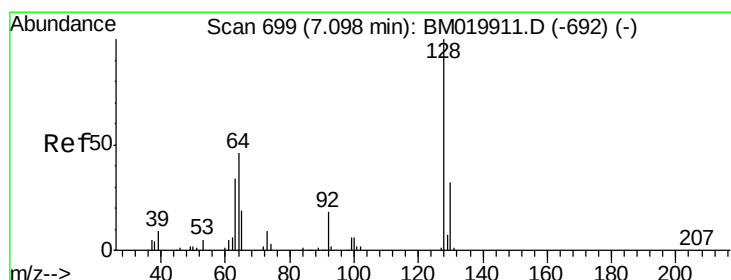
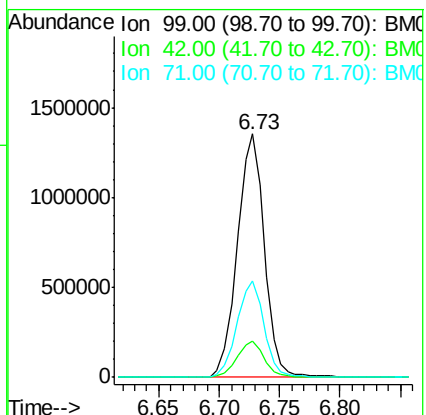
Tot Ion: 99 Resp: 2119902

Ion Ratio Lower Upper

99 100

42 14.7 11.8 17.8

71 39.8 32.0 48.0



#8

2-Chlorophenol

Concen: 26.980 ng

RT: 7.10 min Scan# 699

Delta R.T. -0.00 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

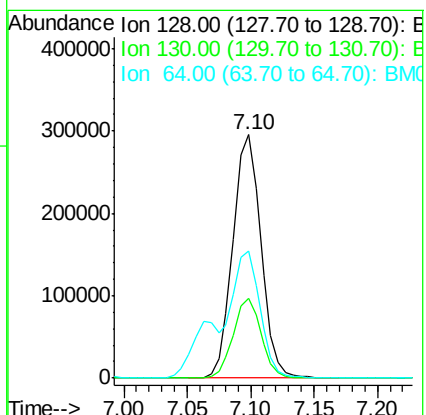
Tgt Ion: 128 Resp: 453585

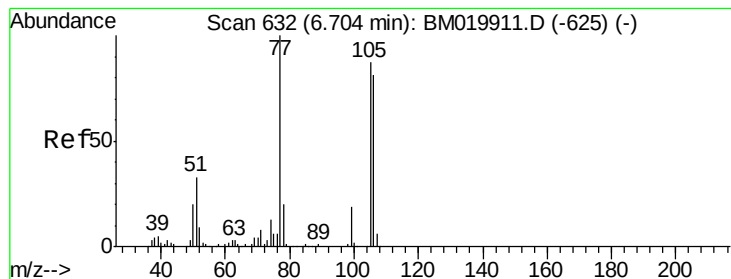
Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

64 52.0 33.0 73.0





#9

Benzaldehyde

Concen: 11.675 ng

RT: 6.70 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampled :

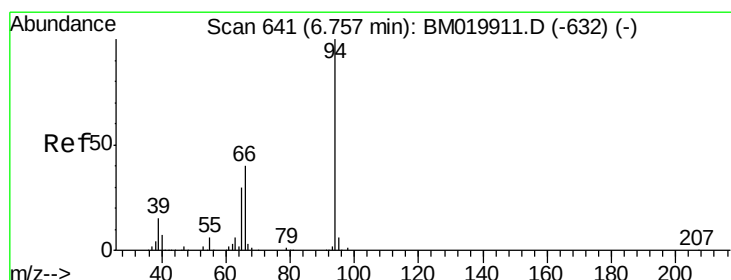
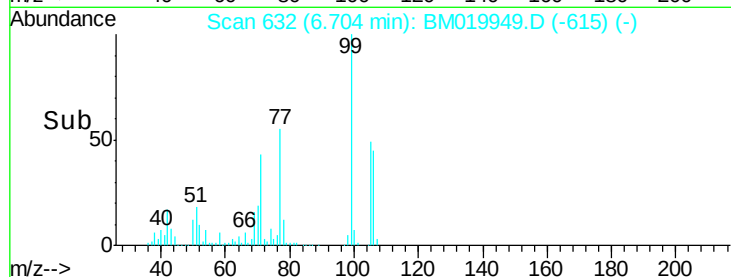
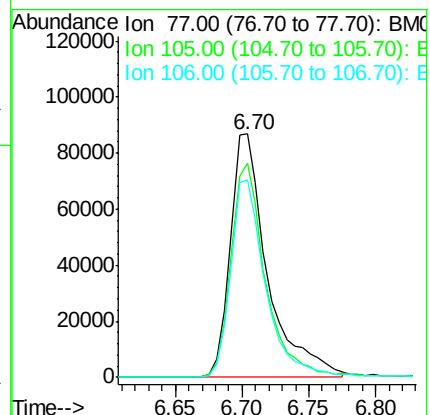
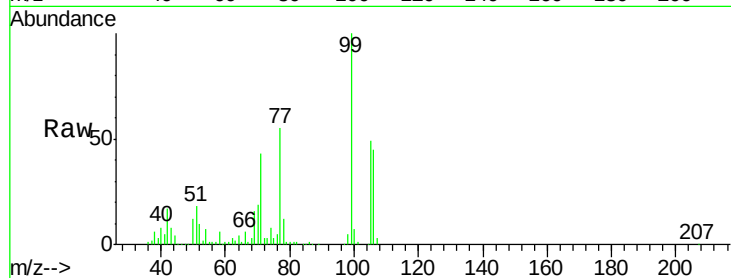
Tot Ion: 77 Resp: 170008

Ion Ratio Lower Upper

77 100

105 87.9 67.3 107.3

106 81.2 60.6 100.6



#10

Phenol

Concen: 28.024 ng

RT: 6.75 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

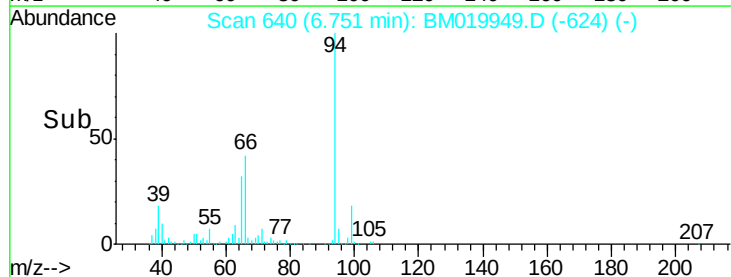
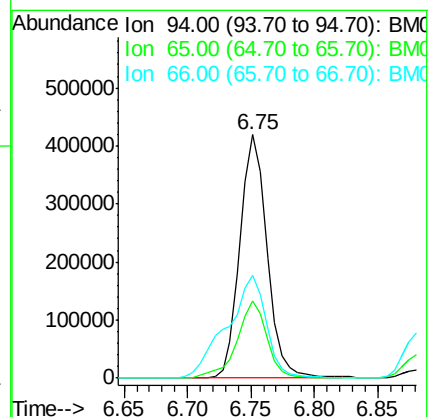
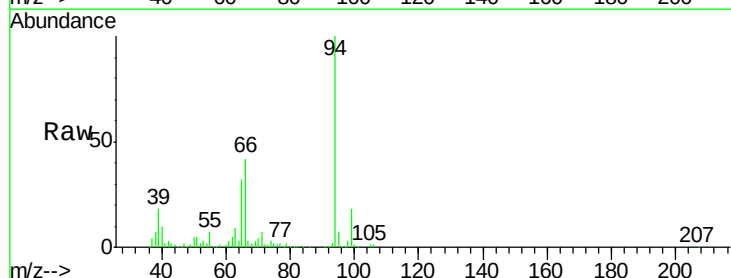
Tgt Ion: 94 Resp: 622883

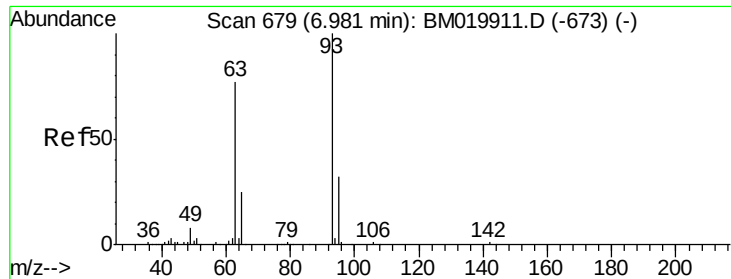
Ion Ratio Lower Upper

94 100

65 31.7 10.0 50.0

66 42.1 20.2 60.2

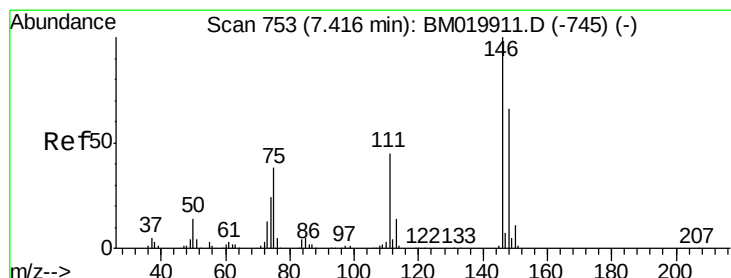
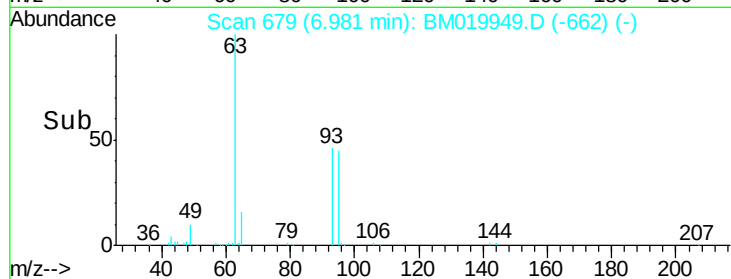
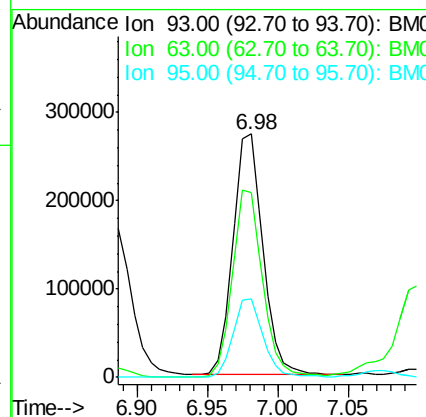
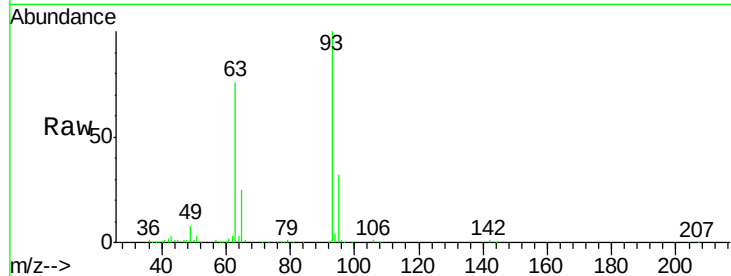




#11
bis(2-Chloroethyl)ether
Concen: 24.753 ng
RT: 6.98 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

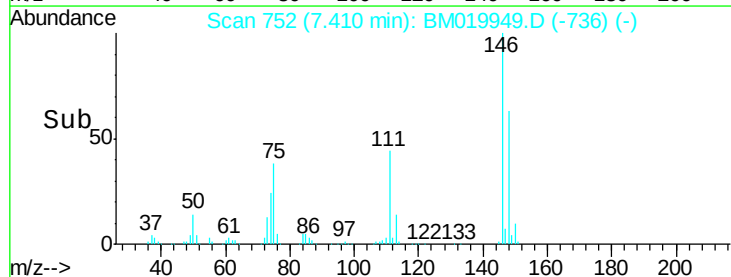
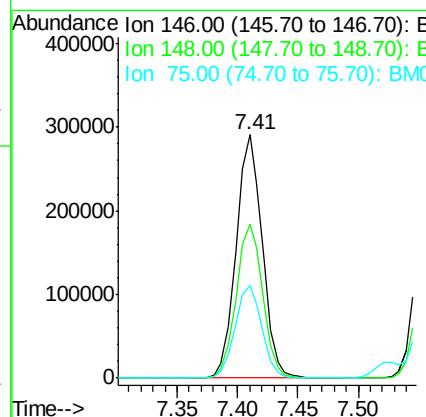
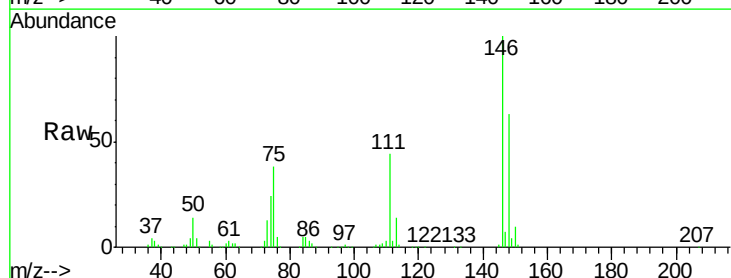
Instrument :
BNA_M
ClientSampleId :

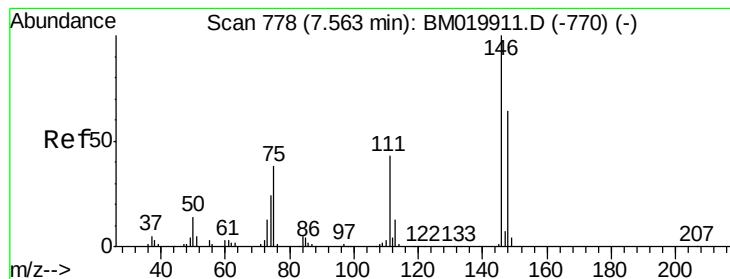
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	55.8	95.8
95	32.3	11.6	51.6



#12
1,3-Dichlorobenzene
Concen: 24.845 ng
RT: 7.41 min Scan# 752
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.6	78.8
75	38.0	30.0	45.0





#13

1,4-Dichlorobenzene

Concen: 25.301 ng

RT: 7.56 min Scan# 777

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :

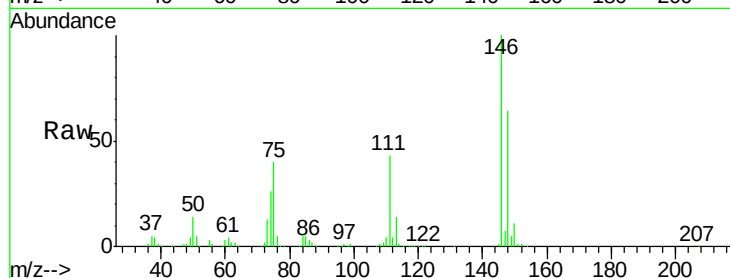
Tot Ion:146 Resp: 453080

Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

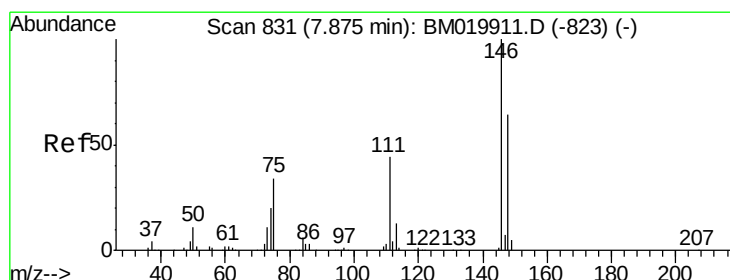
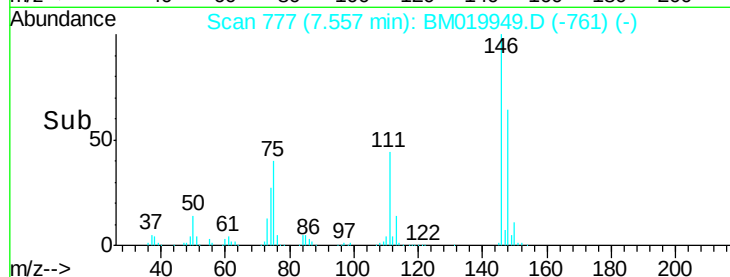
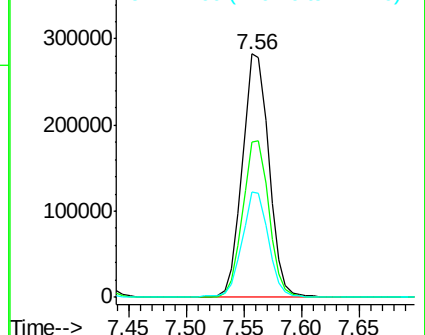
111 43.5 34.6 51.8



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: 24.930 ng

RT: 7.87 min Scan# 830

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

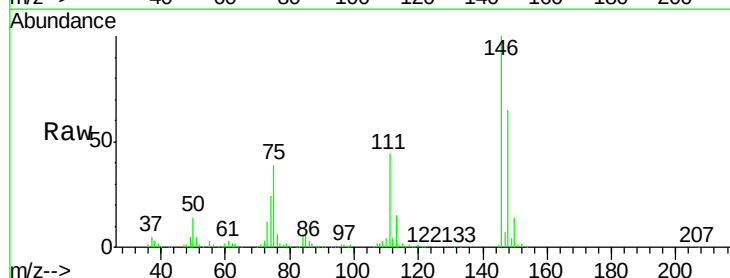
Tgt Ion:146 Resp: 442646

Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.2

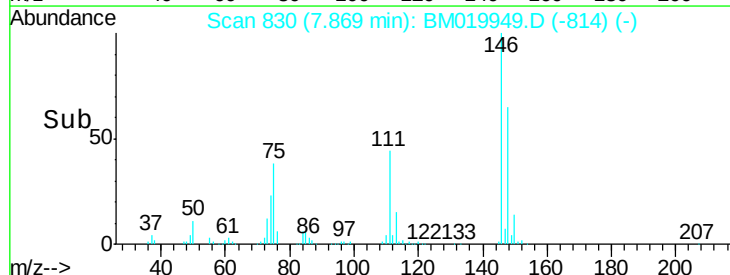
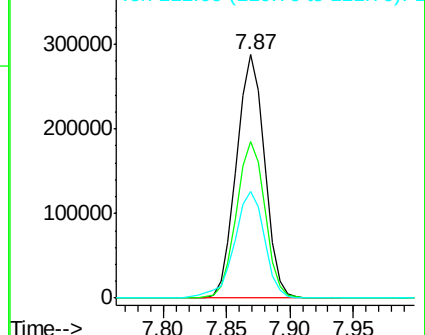
111 44.1 35.4 53.0

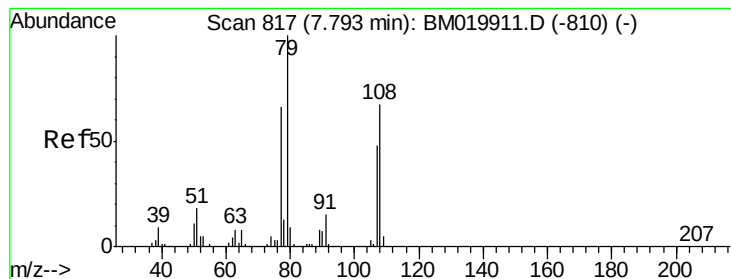


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 24.908 ng

RT: 7.79 min Scan# 817

Delta R.T. -0.00 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :

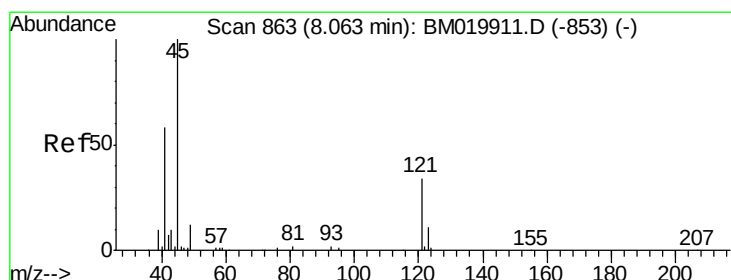
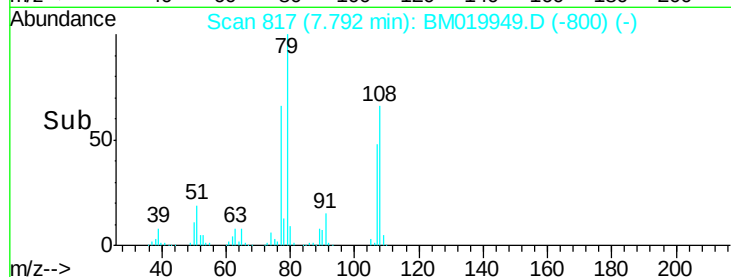
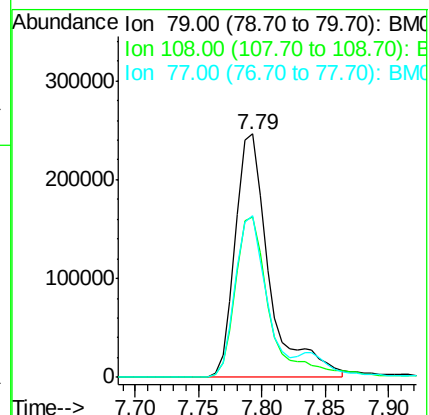
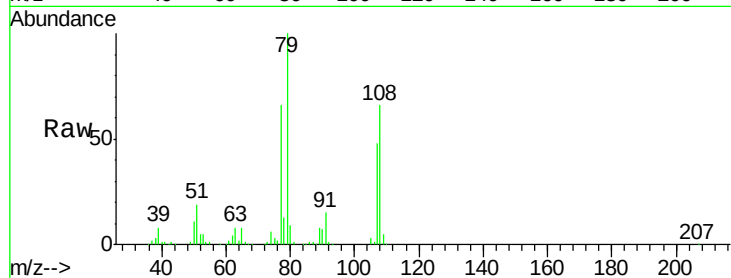
Tot Ion: 79 Resp: 460653

Ion Ratio Lower Upper

79 100

108 66.0 53.9 80.9

77 66.4 53.1 79.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 24.611 ng

RT: 8.06 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

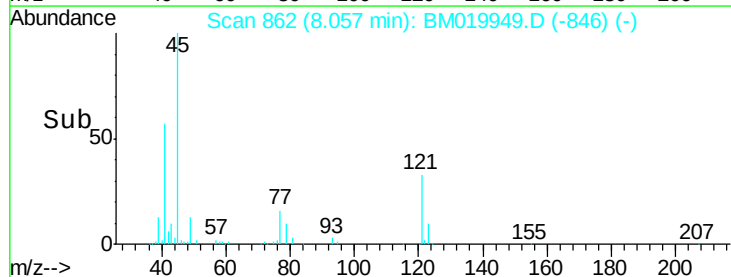
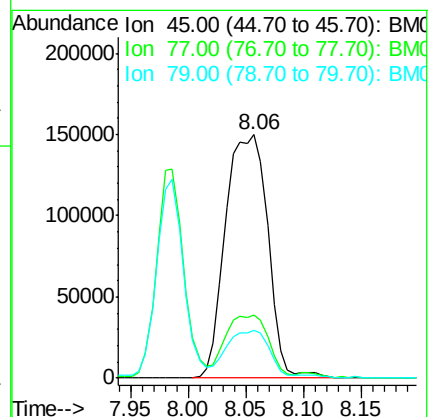
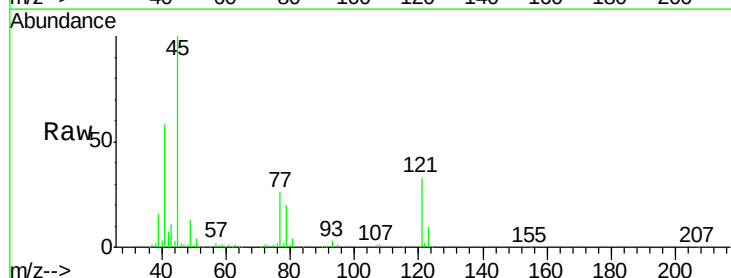
Tgt Ion: 45 Resp: 381530

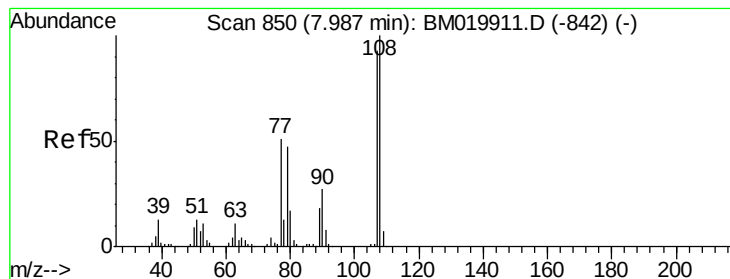
Ion Ratio Lower Upper

45 100

77 25.8 7.2 47.2

79 19.8 1.2 41.2

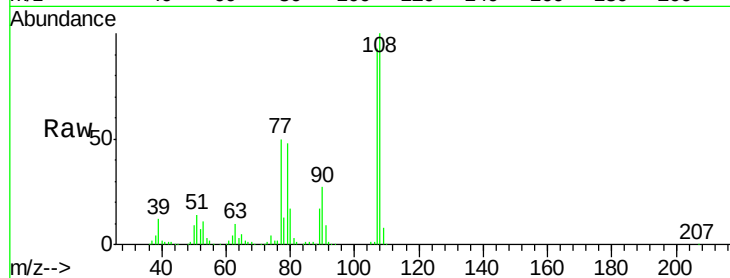




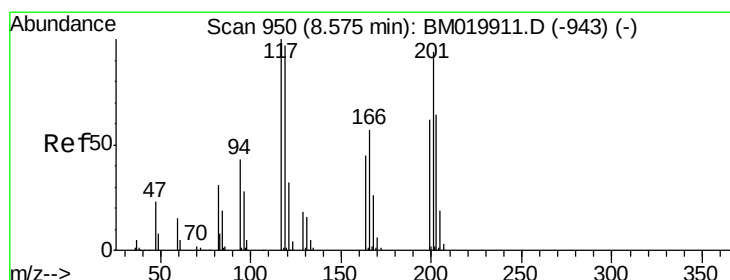
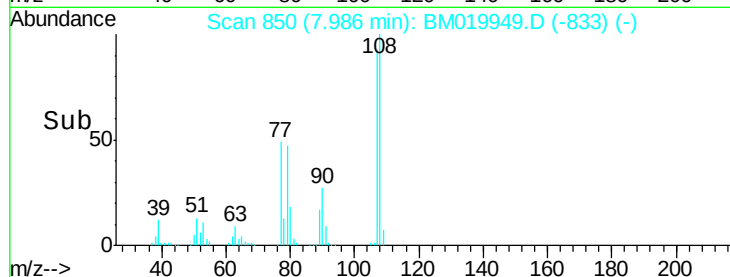
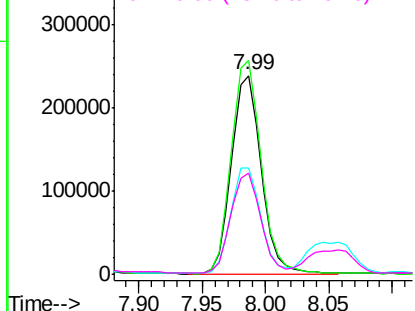
#17
2-Methylphenol
Concen: 26.237 ng
RT: 7.99 min Scan# 850
Delta R.T. -0.00 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	385954
Ion	Ratio	Lower	Upper
107	100		
108	107.5	85.9	128.9
77	53.8	43.8	65.6
79	51.2	41.1	61.7

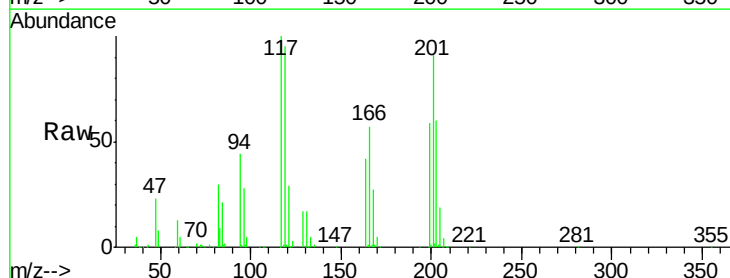


Abundance Ion 107.00 (106.70 to 107.70): E
400000
Ion 108.00 (107.70 to 108.70): E
300000
Ion 77.00 (76.70 to 77.70): BM
200000
Ion 79.00 (78.70 to 79.70): BM
100000
0

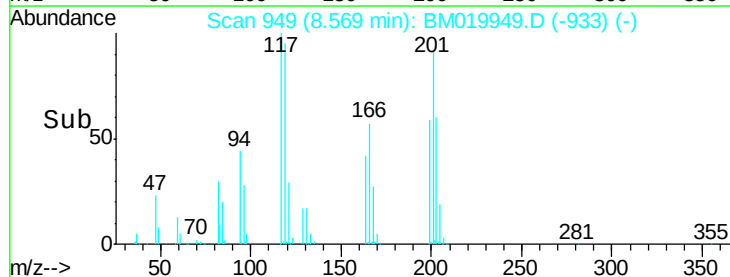
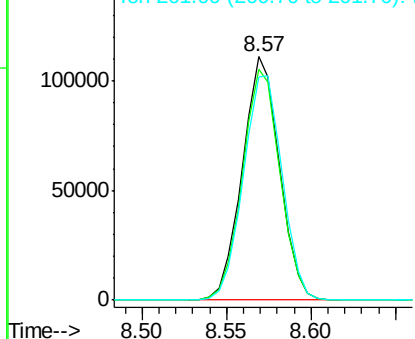


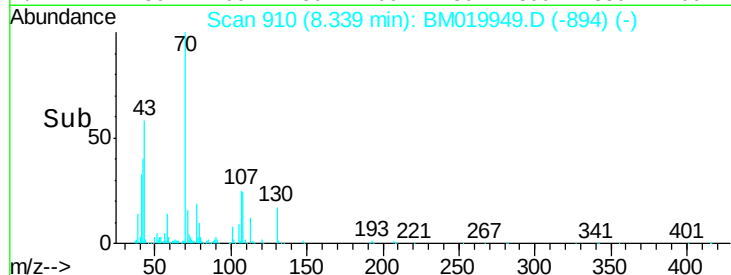
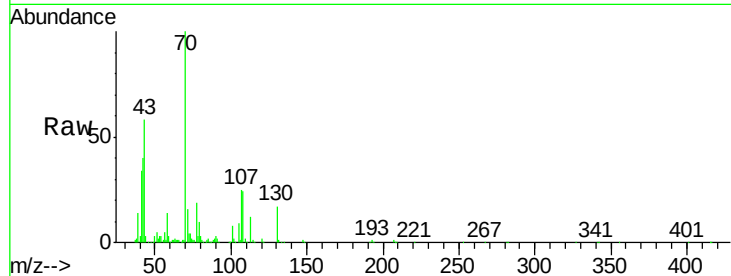
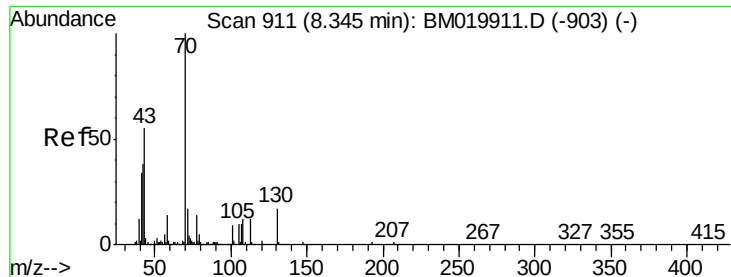
#18
Hexachloroethane
Concen: 24.402 ng
RT: 8.57 min Scan# 949
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Tgt Ion:	117	Resp:	169858
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.6	116.4
201	91.5	75.4	113.2



Abundance Ion 117.00 (116.70 to 117.70): E
150000
Ion 119.00 (118.70 to 119.70): E
100000
Ion 201.00 (200.70 to 201.70): E
50000
0

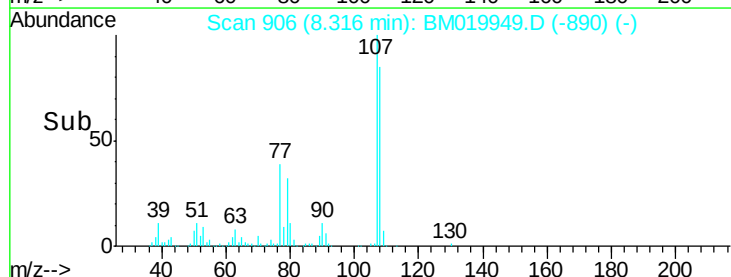
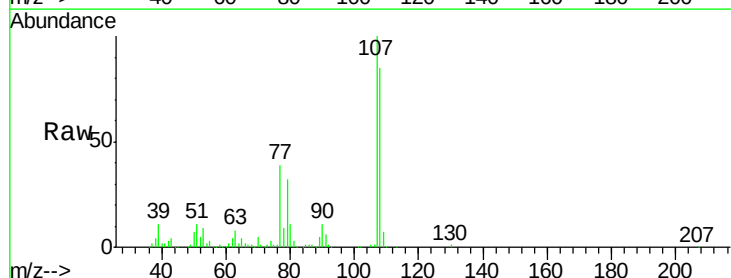
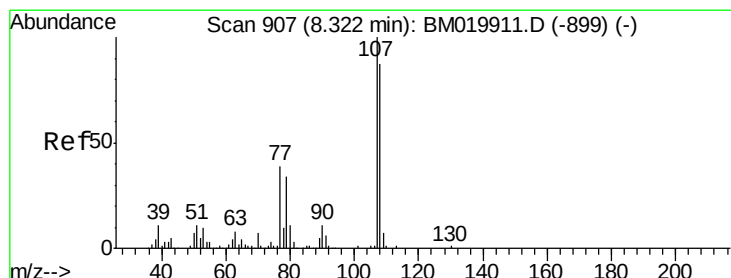
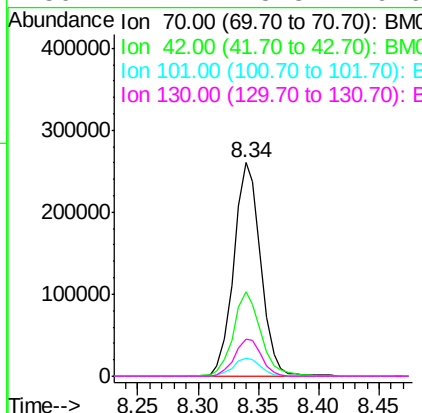




#19
n-Nitroso-di-n-propylamine
Concen: 22.569 ng
RT: 8.34 min Scan# 910
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

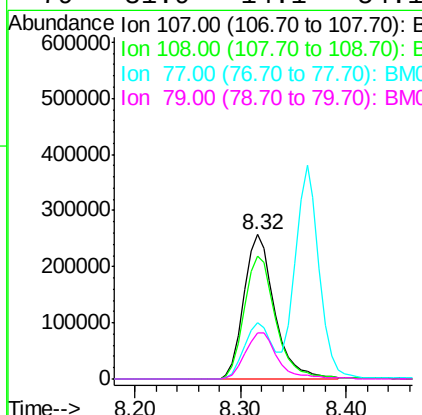
Instrument :
BNA_M
ClientSampleId :

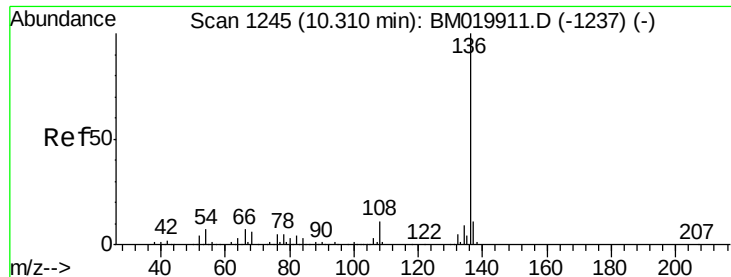
Tot Ion:	70	Resp:	403582
Ion	Ratio	Lower	Upper
70	100		
42	39.6	30.3	45.5
101	8.3	6.9	10.3
130	17.4	13.8	20.6



#20
3+4-Methylphenols
Concen: 25.688 ng
RT: 8.32 min Scan# 906
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Tgt Ion:	107	Resp:	519093
Ion	Ratio	Lower	Upper
107	100		
108	85.2	67.4	107.4
77	38.9	19.7	59.7
79	31.9	14.1	54.1

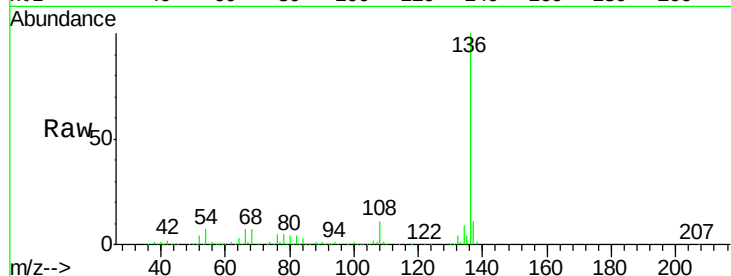




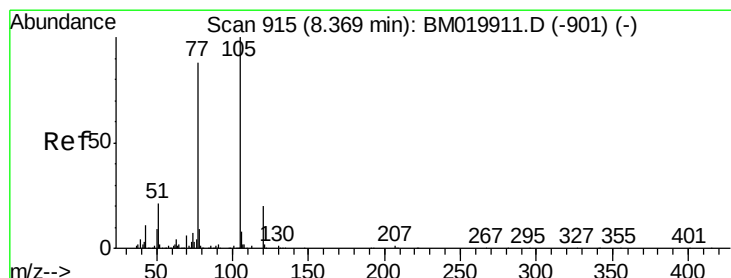
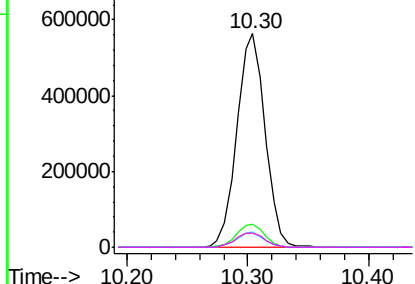
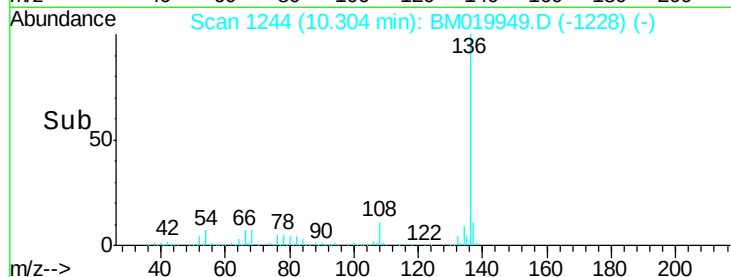
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	918303	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	9.0	13.6	
54 6.9	5.3	7.9	
68 6.7	5.2	7.8	

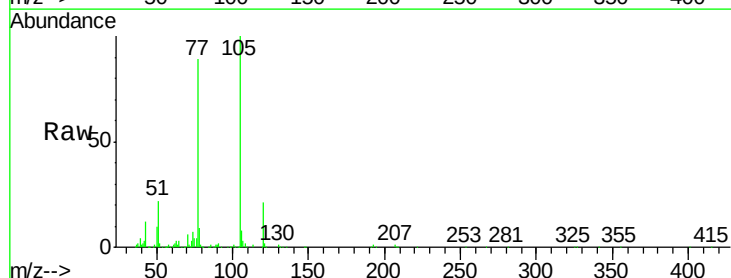


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

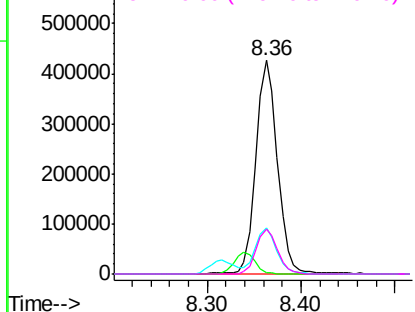
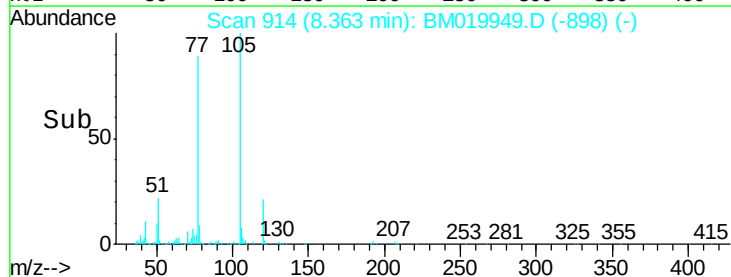


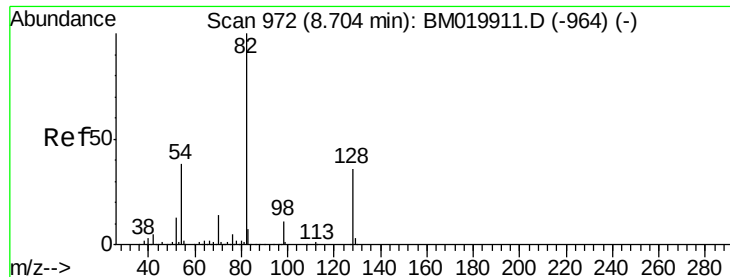
#22
Acetophenone
Concen: 27.143 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Tgt	Ion:105	Resp:	678892
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.8	1.2
51	21.7	16.9	25.3
120	21.3	16.4	24.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

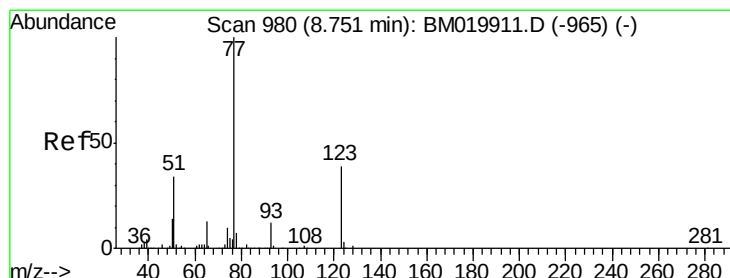
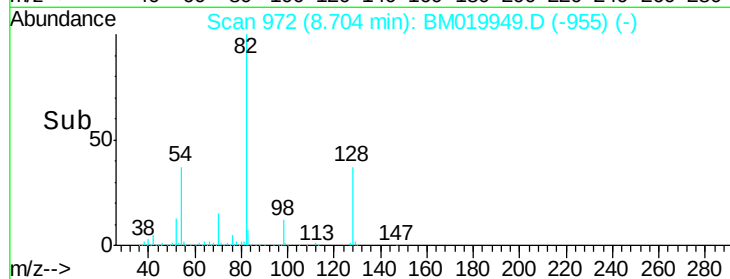
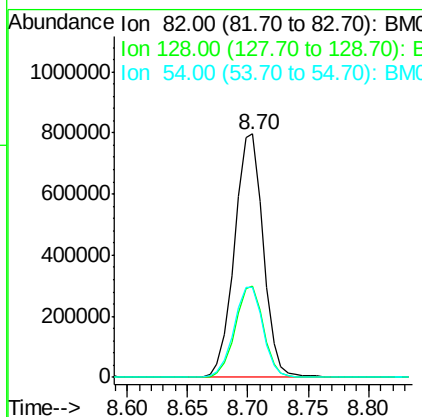
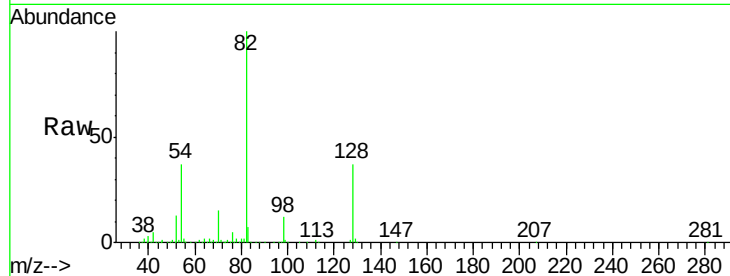




#23
 Nitrobenzene-d5
 Concen: 64.679 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM019949.D
 Acq: 17 Apr 2019 21:41

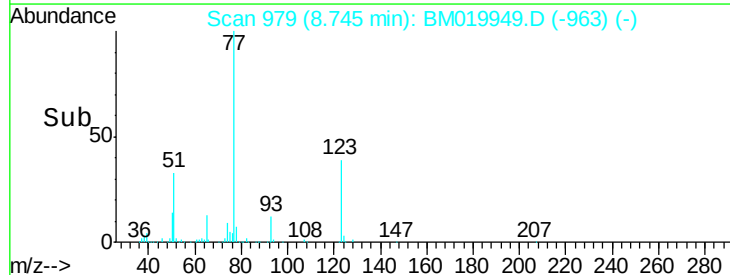
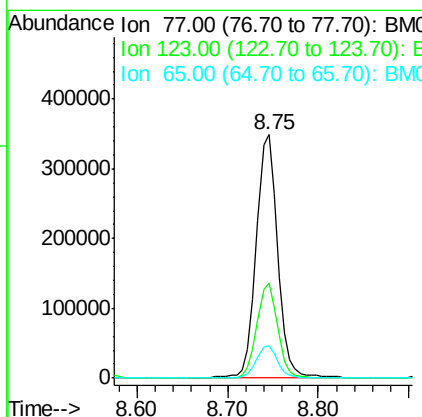
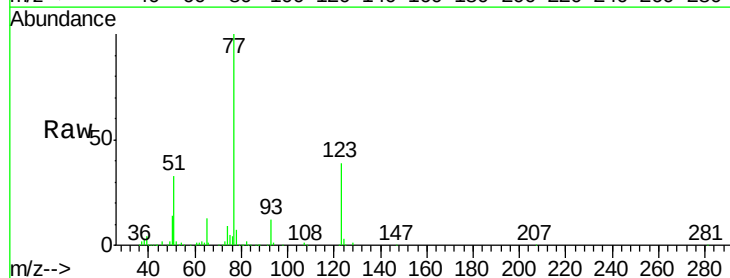
Instrument :
 BNA_M
 ClientSampled :

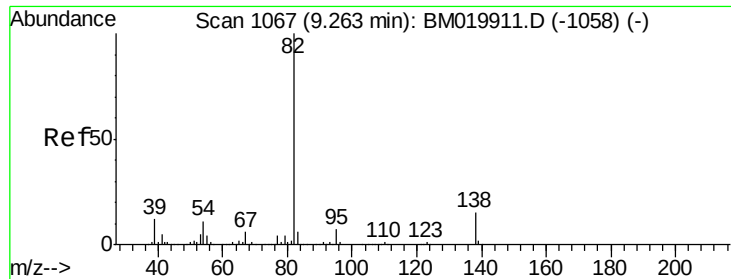
Tot Ion: 82 Resp: 1328111
 Ion Ratio Lower Upper
 82 100
 128 37.3 29.0 43.4
 54 37.1 30.2 45.4



#24
 Nitrobenzene
 Concen: 27.099 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019949.D
 Acq: 17 Apr 2019 21:41

Tgt Ion: 77 Resp: 576440
 Ion Ratio Lower Upper
 77 100
 123 38.8 31.0 46.4
 65 13.4 10.6 16.0





#25

Isophorone

Concen: 25.268 ng

RT: 9.26 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :

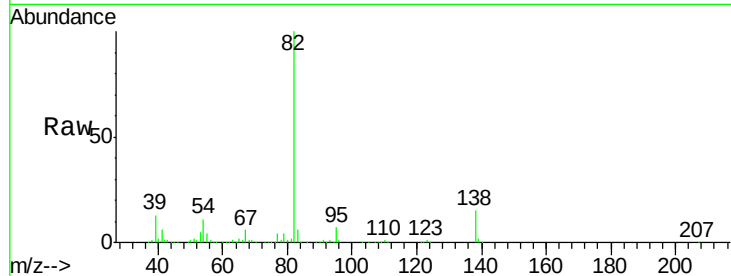
Tot Ion: 82 Resp: 1010019

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

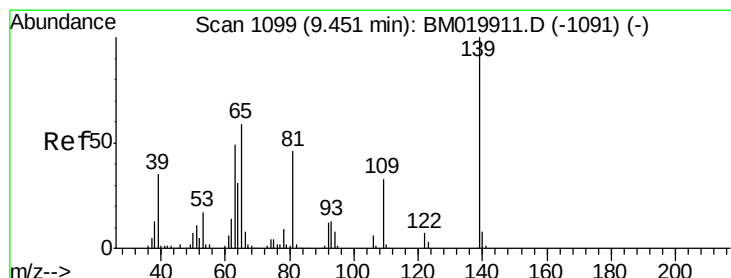
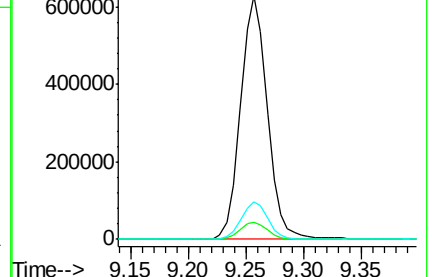
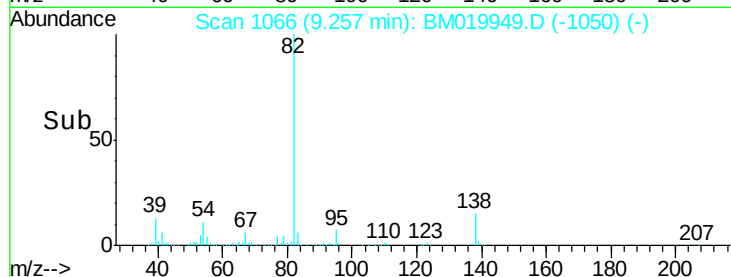
138 15.2 12.2 18.2



Abundance Ion 82.00 (81.70 to 82.70): BM019949.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM019949.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM019949.D (-1058) (-)



#26

2-Nitrophenol

Concen: 26.676 ng

RT: 9.45 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

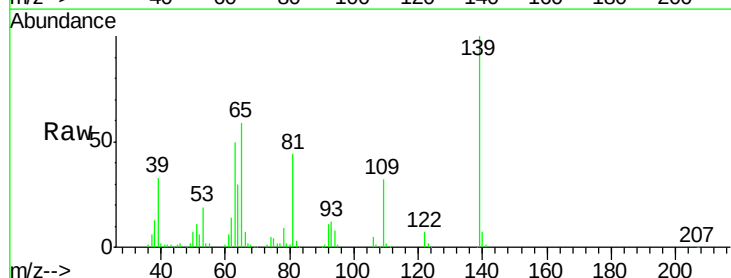
Tgt Ion: 139 Resp: 241810

Ion Ratio Lower Upper

139 100

109 31.9 26.3 39.5

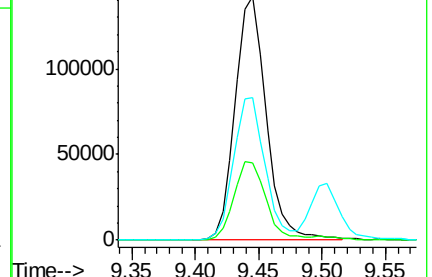
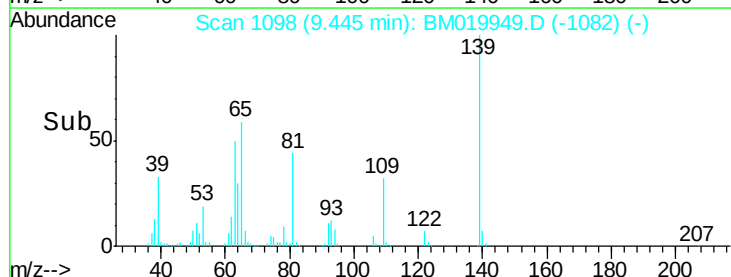
65 58.6 47.4 71.2

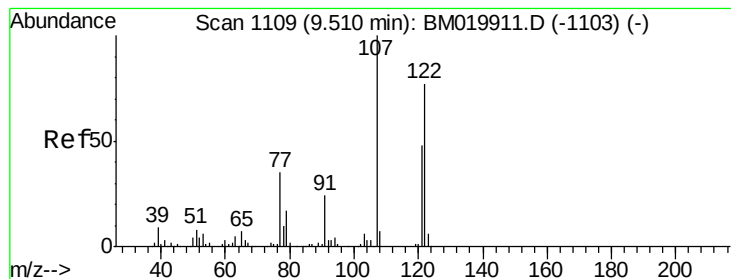


Abundance Ion 139.00 (138.70 to 139.70): BM019949.D (-1082) (-)

Ion 109.00 (108.70 to 109.70): BM019949.D (-1082) (-)

Ion 65.00 (64.70 to 65.70): BM019949.D (-1082) (-)

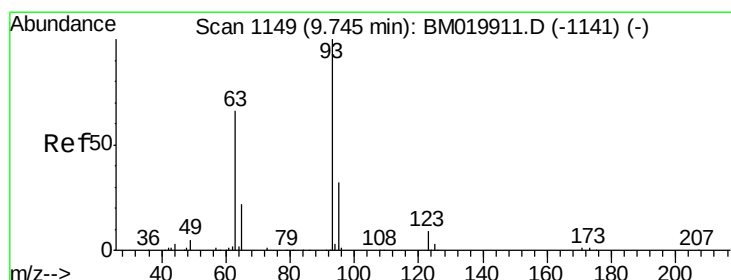
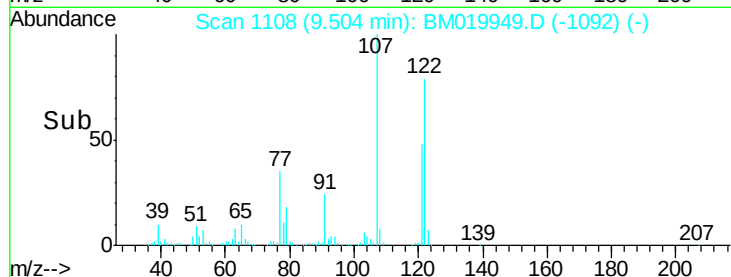
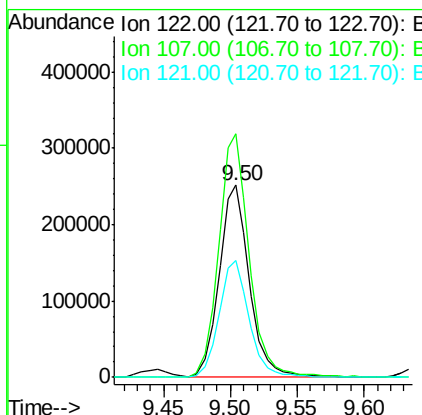
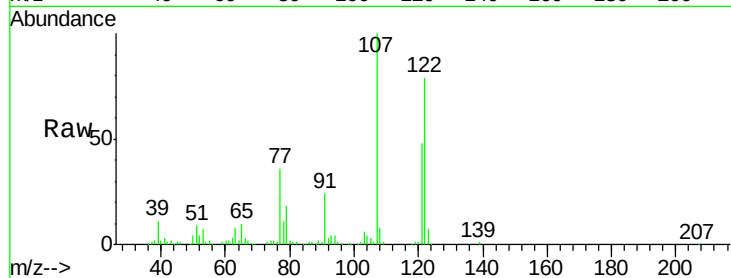




#27
 2,4-Dimethylphenol
 Concen: 30.686 ng
 RT: 9.50 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BM019949.D
 Acq: 17 Apr 2019 21:41

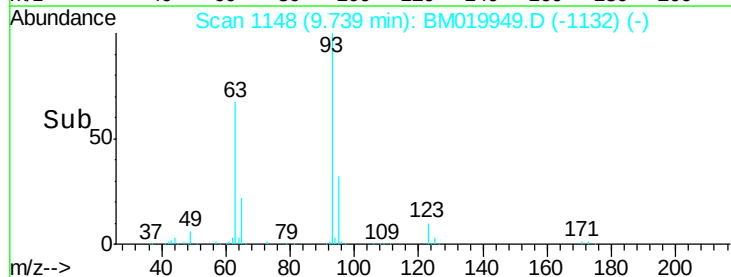
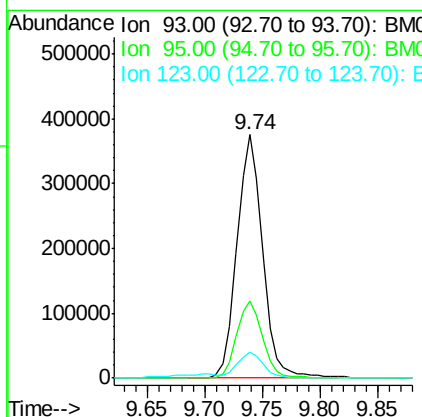
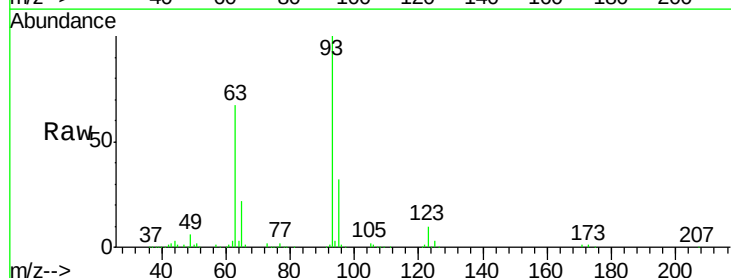
Instrument :
 BNA_M
 ClientSampleId :

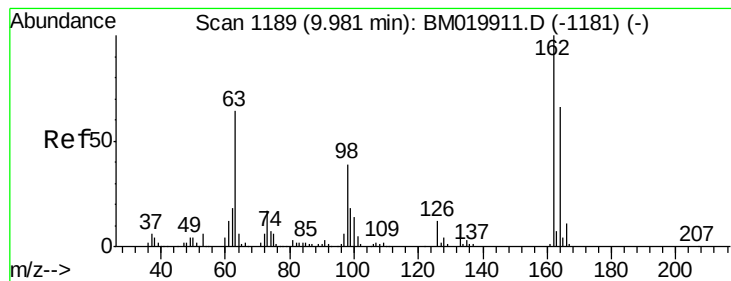
Tot Ion:122 Resp: 393301
 Ion Ratio Lower Upper
 122 100
 107 126.7 103.1 154.7
 121 60.6 49.8 74.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 25.630 ng
 RT: 9.74 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM019949.D
 Acq: 17 Apr 2019 21:41

Tgt Ion: 93 Resp: 573668
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.8 38.8
 123 10.5 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 27.920 ng

RT: 9.97 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :

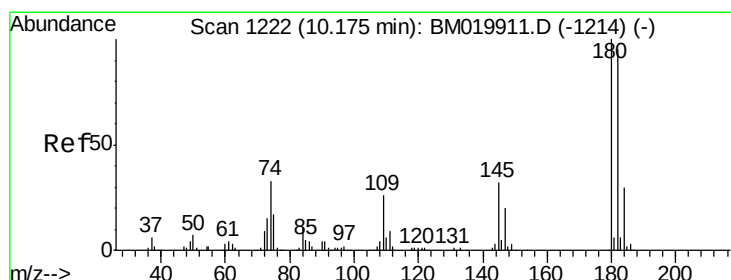
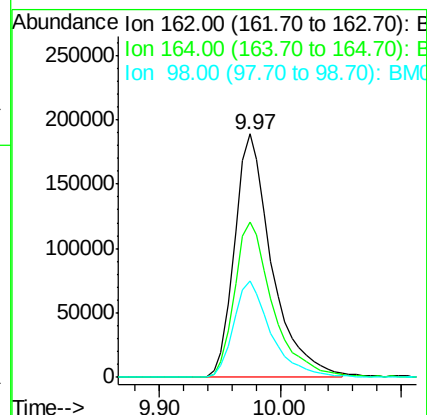
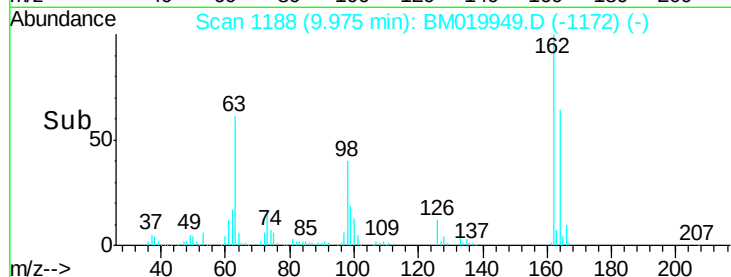
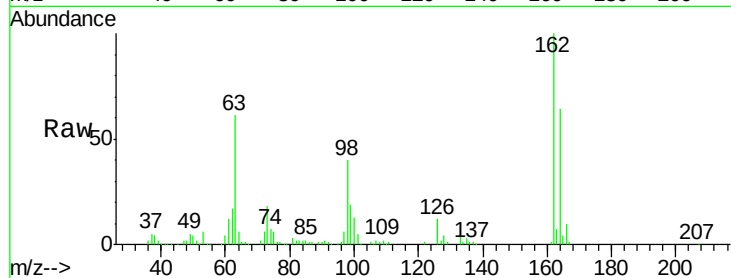
Tot Ion:162 Resp: 406423

Ion Ratio Lower Upper

162 100

164 63.8 46.3 86.3

98 39.6 19.2 59.2



#30

1,2,4-Trichlorobenzene

Concen: 27.510 ng

RT: 10.17 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

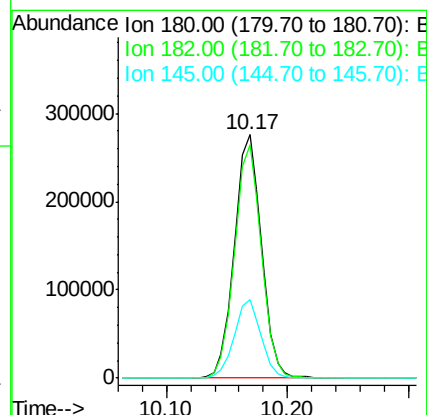
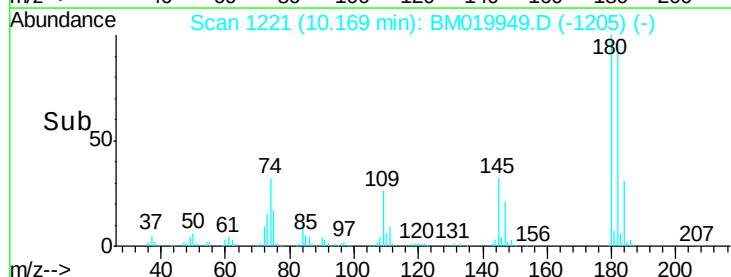
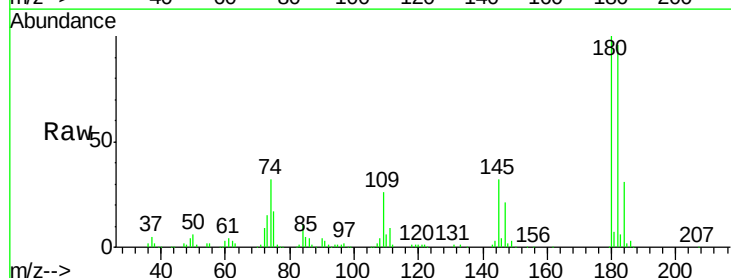
Tgt Ion:180 Resp: 431011

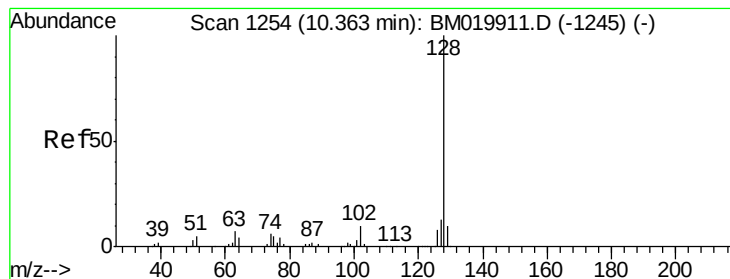
Ion Ratio Lower Upper

180 100

182 96.1 76.3 114.5

145 32.4 25.5 38.3





#31

Naphthalene

Concen: 27.038 ng

RT: 10.35 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :

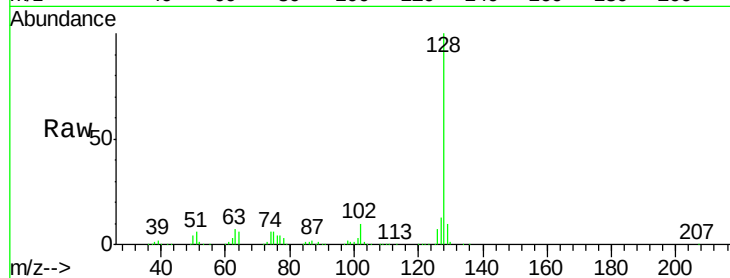
Tot Ion:128 Resp: 1331739

Ion Ratio Lower Upper

128 100

129 10.5 8.3 12.5

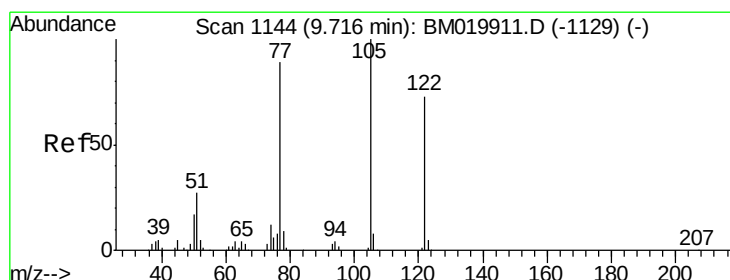
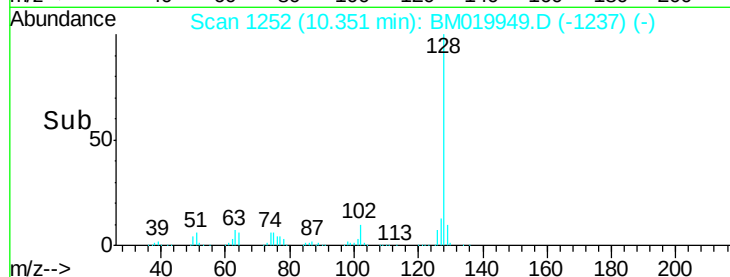
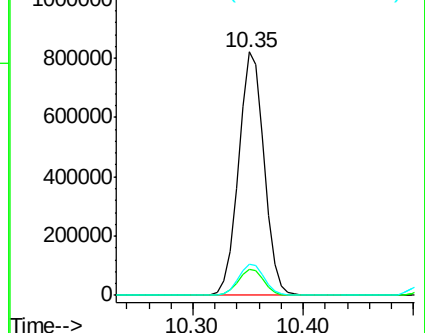
127 12.9 10.4 15.6



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: 21.708 ng

RT: 9.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

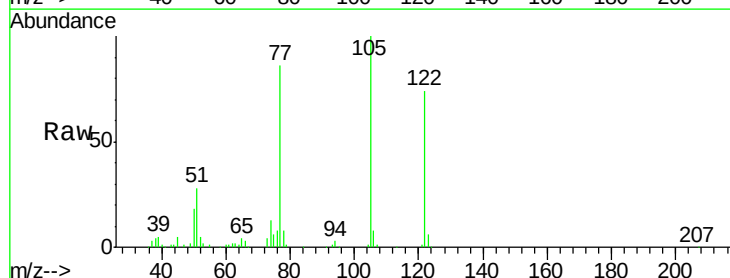
Tgt Ion:122 Resp: 224571

Ion Ratio Lower Upper

122 100

105 134.5 114.8 154.8

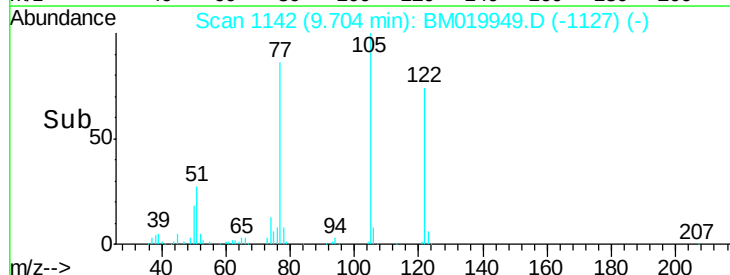
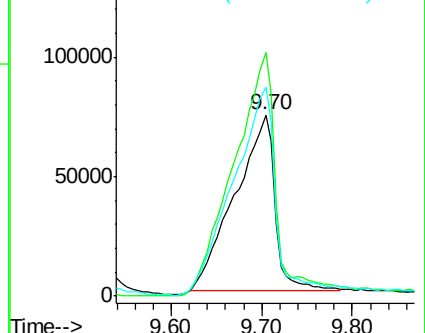
77 115.8 100.2 140.2

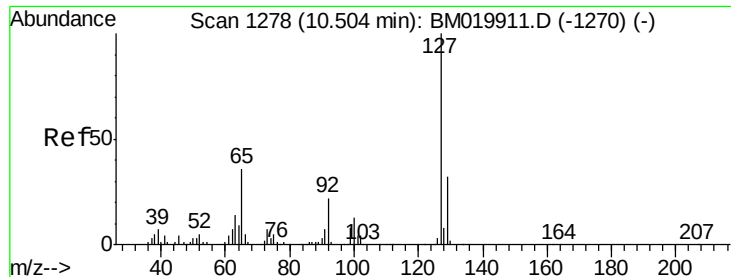


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

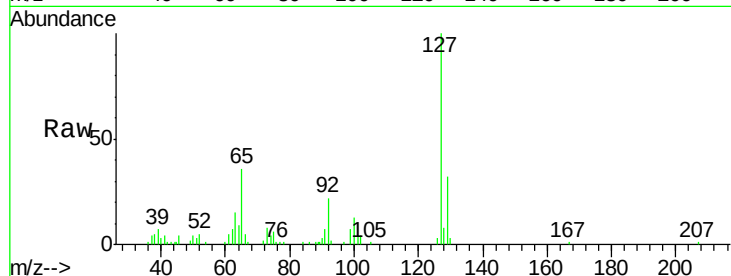




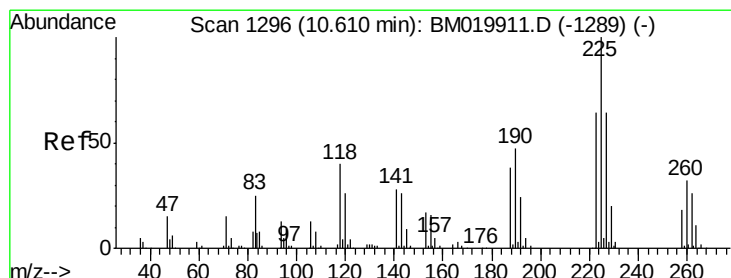
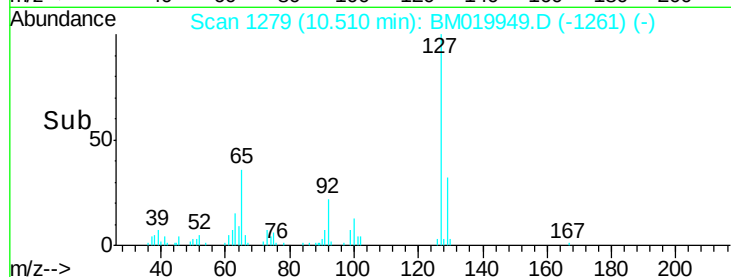
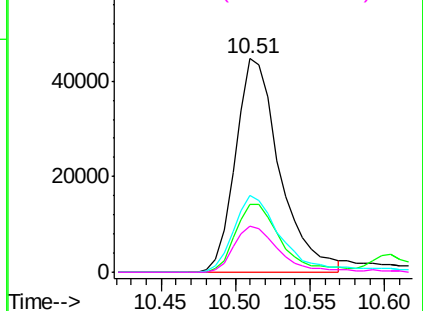
#33
4-Chloroaniline
Concen: 4.553 ng
RT: 10.51 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Instrument :
BNA_M
ClientSampled :

Tot Ion:127	Resp:	92377
Ion Ratio	Lower	Upper
127	100	
129	31.6	25.4 38.0
65	35.7	29.2 43.8
92	21.6	17.5 26.3

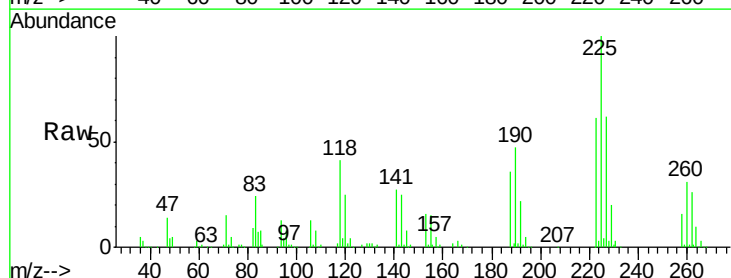


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

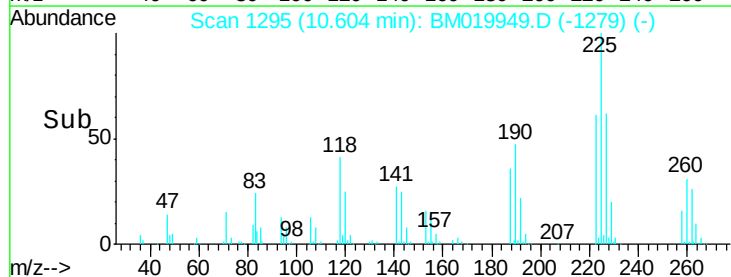
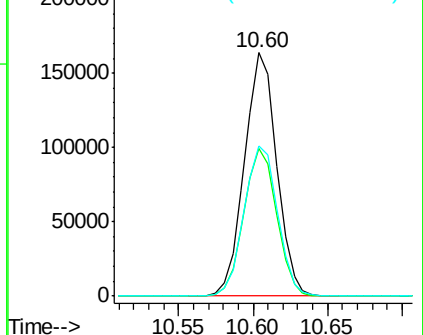


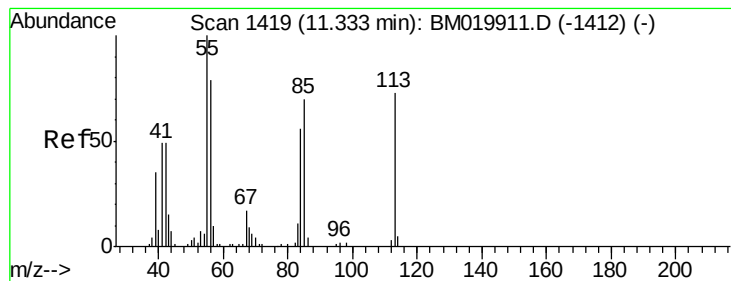
#34
Hexachlorobutadiene
Concen: 26.497 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Tgt Ion:225	Resp:	244840
Ion Ratio	Lower	Upper
225	100	
223	60.6	51.4 77.2
227	61.7	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: 9.865 ng

RT: 11.33 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampled :

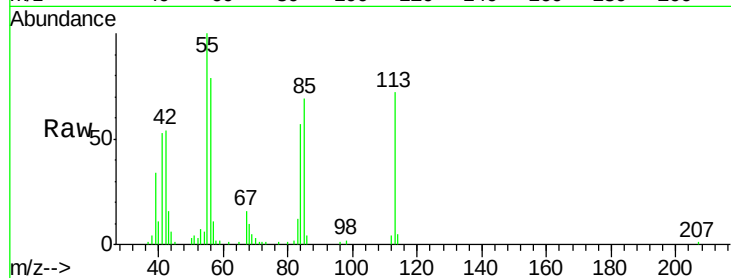
Tot Ion:113 Resp: 54356

Ion Ratio Lower Upper

113 100

55 139.1 117.1 157.1

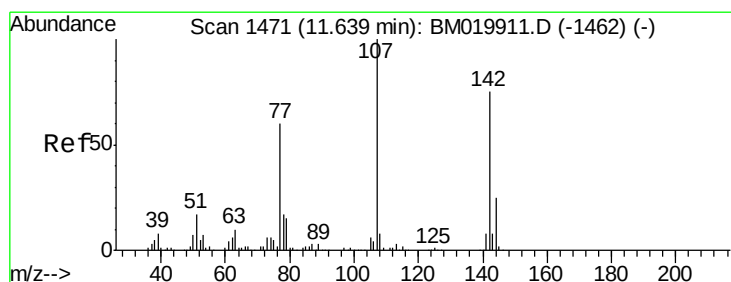
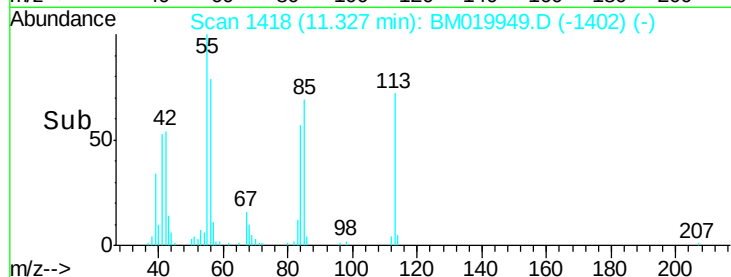
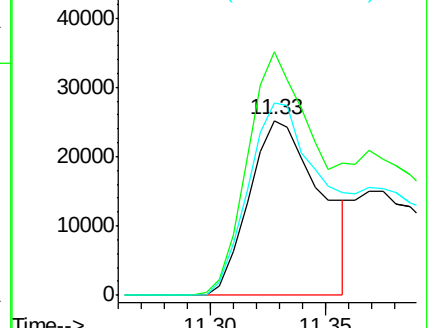
56 110.2 88.2 128.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 25.965 ng

RT: 11.63 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

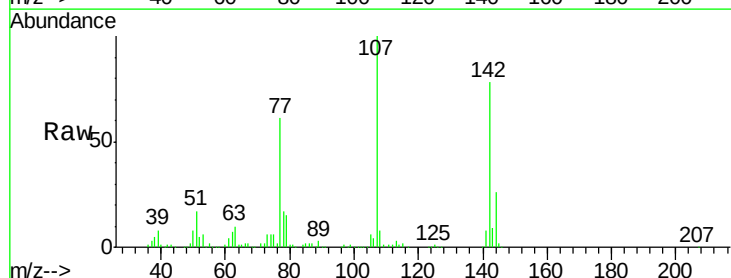
Tgt Ion:107 Resp: 469634

Ion Ratio Lower Upper

107 100

144 25.7 19.8 29.8

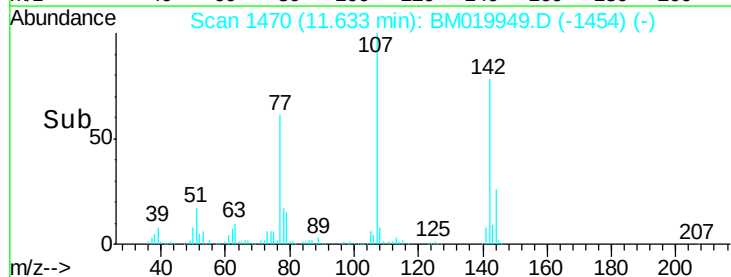
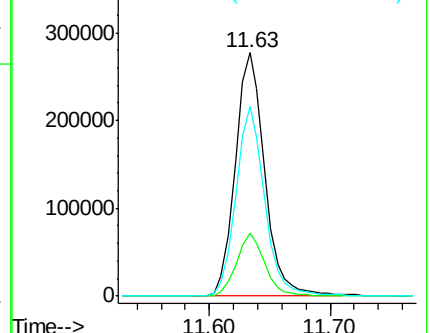
142 78.0 60.3 90.5

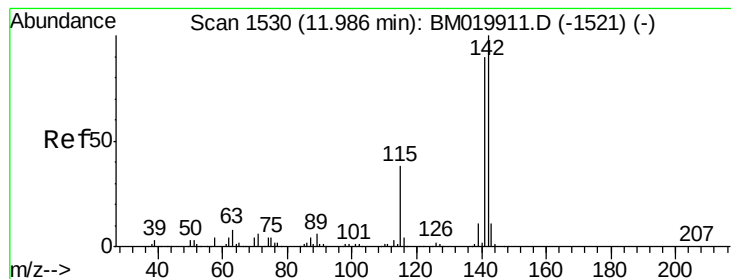


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

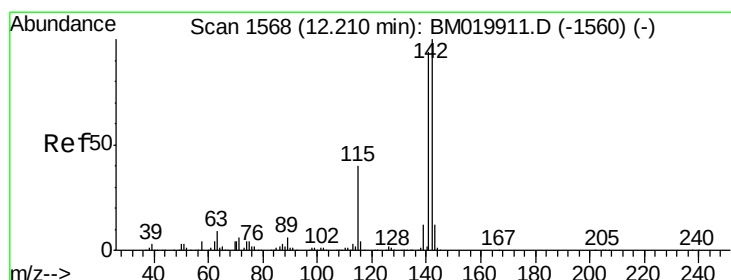
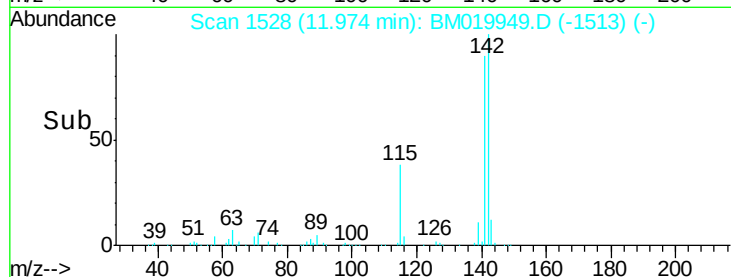
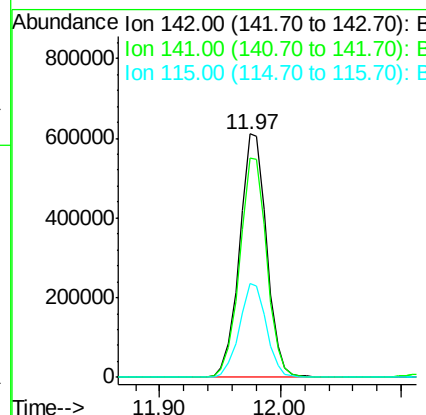
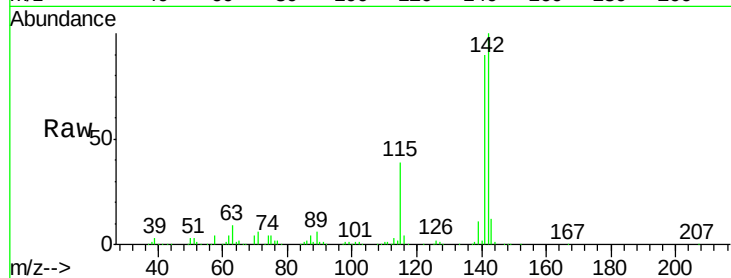




#37
 2-Methylnaphthalene
 Concen: 26.708 ng
 RT: 11.97 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BM019949.D
 Acq: 17 Apr 2019 21:41

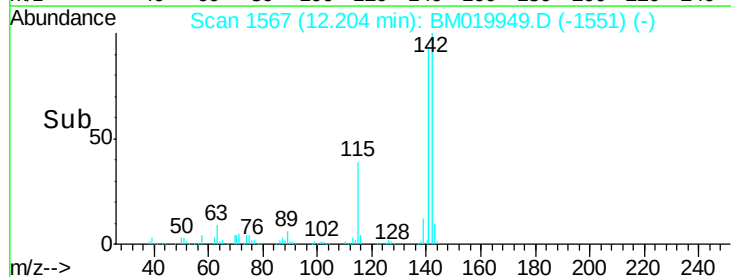
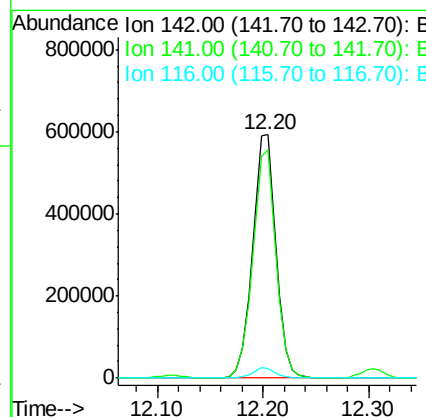
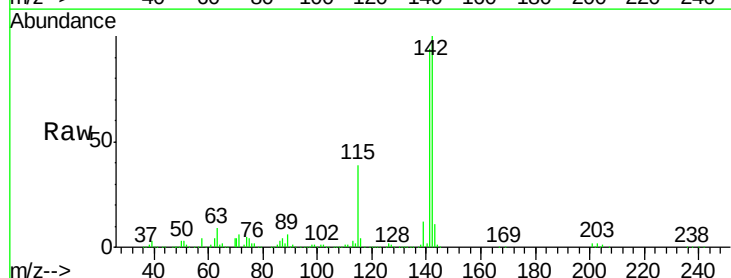
Instrument :
 BNA_M
 ClientSampleId :

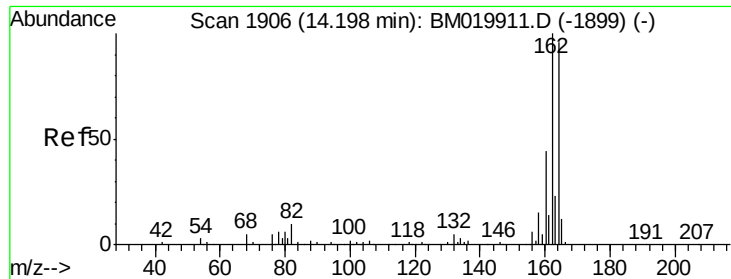
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.3	108.5
115	38.5	30.5	45.7



#38
 1-Methylnaphthalene
 Concen: 25.783 ng
 RT: 12.20 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BM019949.D
 Acq: 17 Apr 2019 21:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.7	113.5
116	3.9	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :

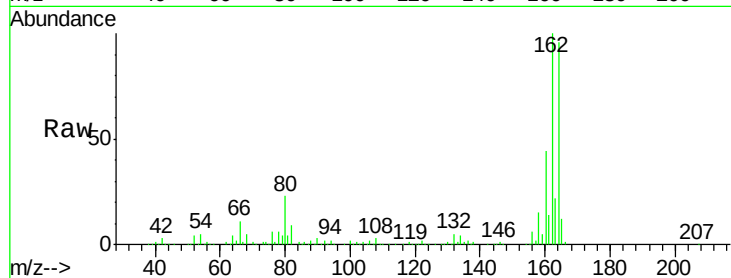
Tot Ion:164 Resp: 506401

Ion Ratio Lower Upper

164 100

162 103.9 83.0 124.4

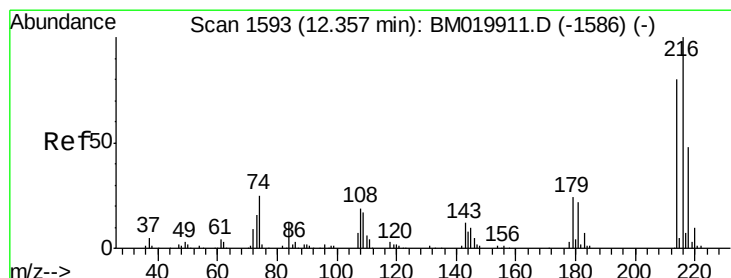
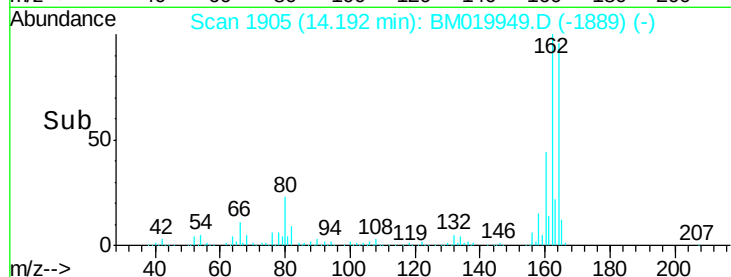
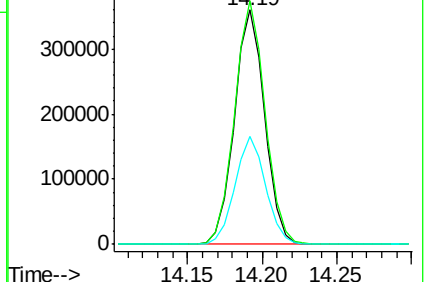
160 46.0 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 28.793 ng

RT: 12.35 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Tgt Ion:216 Resp: 449815

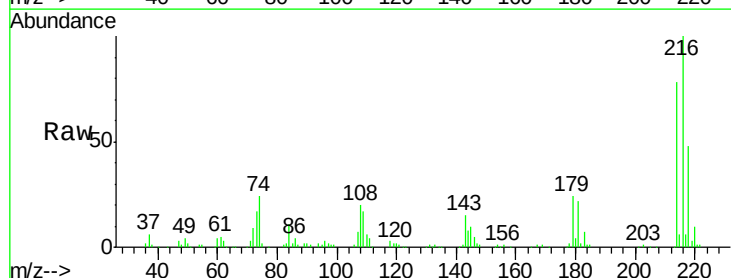
Ion Ratio Lower Upper

216 100

214 78.6 63.1 94.7

179 23.3 19.0 28.6

108 19.9 16.3 24.5

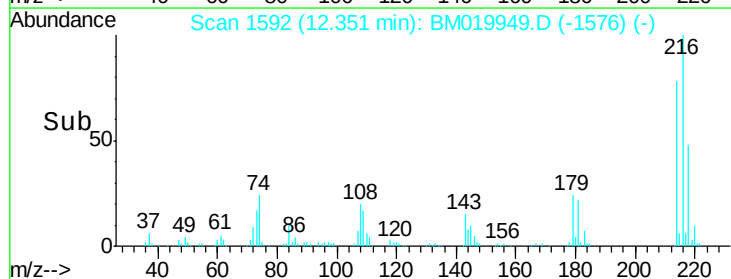
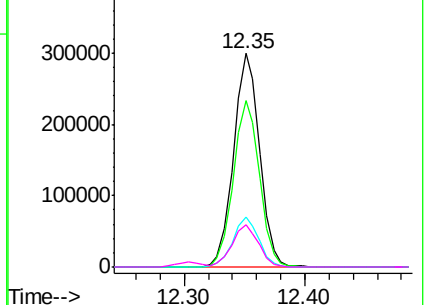


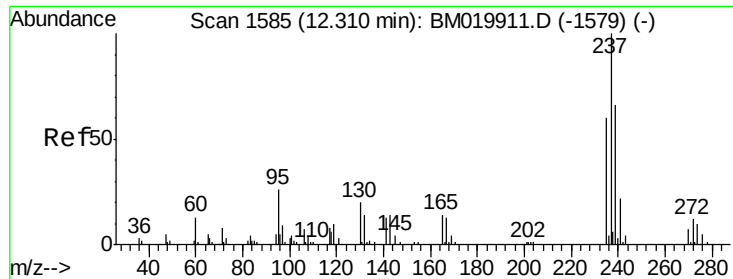
Abundance Ion 216.00 (215.70 to 216.70): E

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: 48.889 ng

RT: 12.30 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :

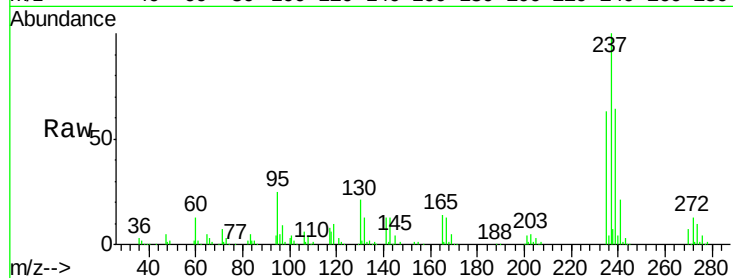
Tot Ion:237 Resp: 241028

Ion Ratio Lower Upper

237 100

235 63.2 40.4 80.4

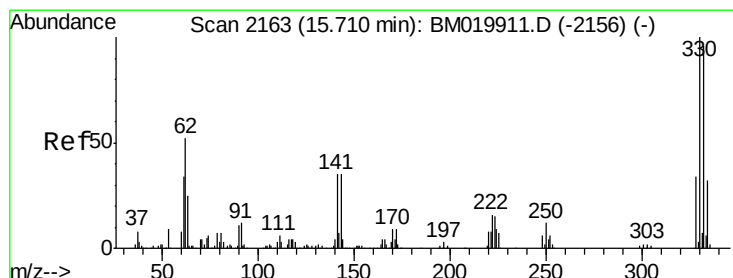
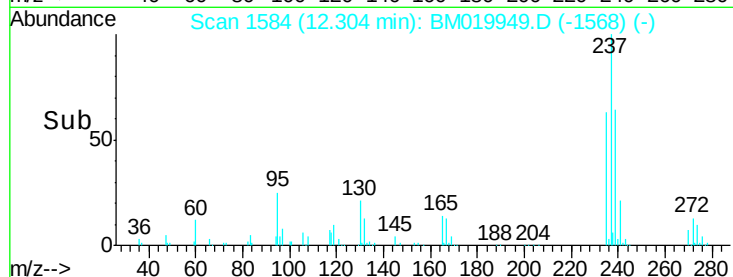
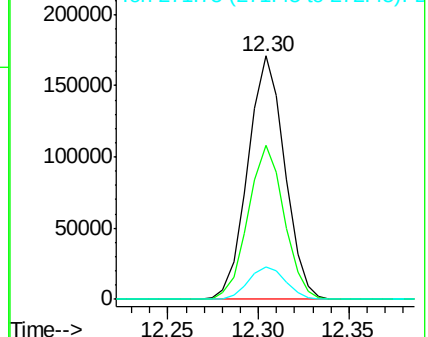
272 13.3 0.0 32.3



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: 96.021 ng

RT: 15.70 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

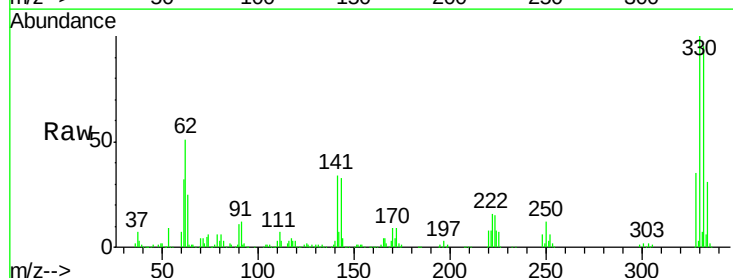
Tgt Ion:330 Resp: 782732

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

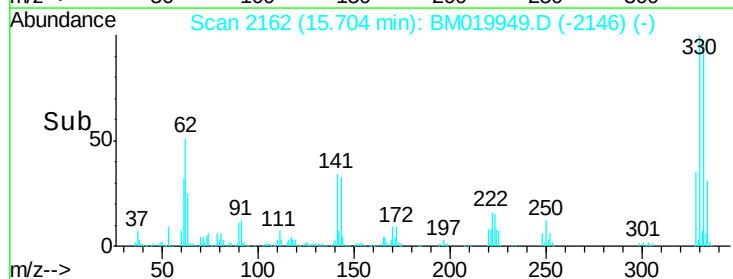
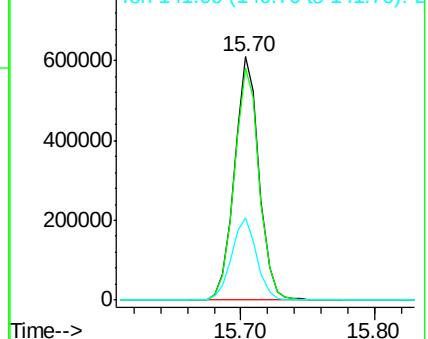
141 34.9 29.0 43.4

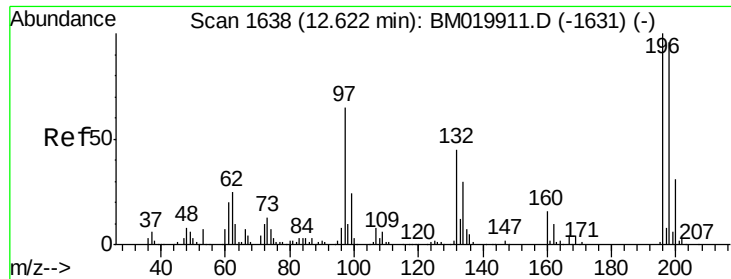


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

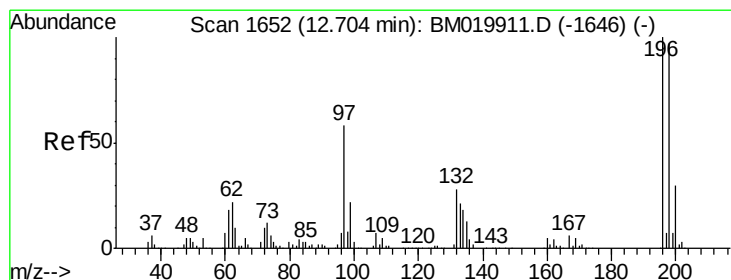
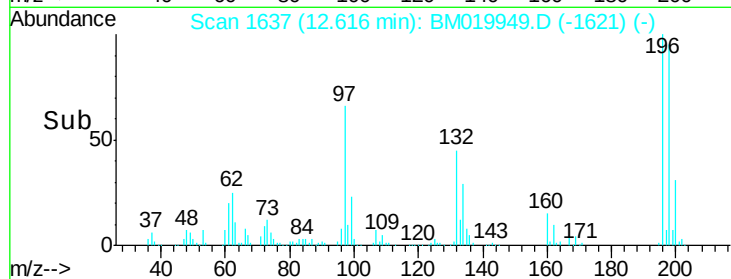
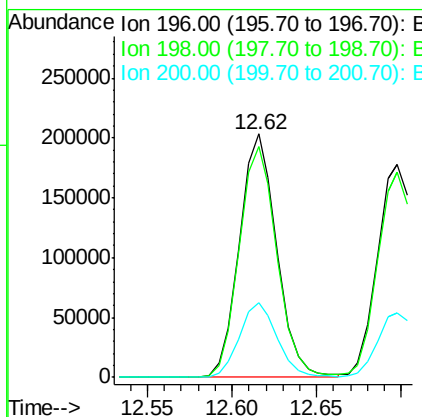
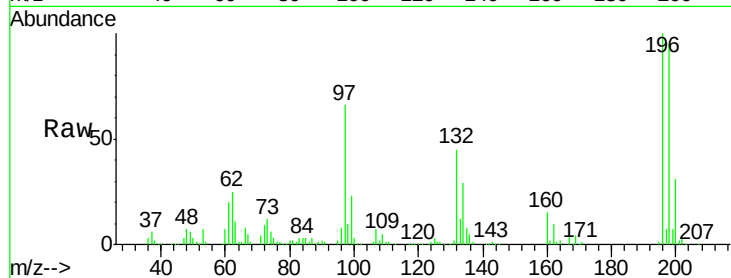




#43
 2,4,6-Trichlorophenol
 Concen: 29.432 ng
 RT: 12.62 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BM019949.D
 Acq: 17 Apr 2019 21:41

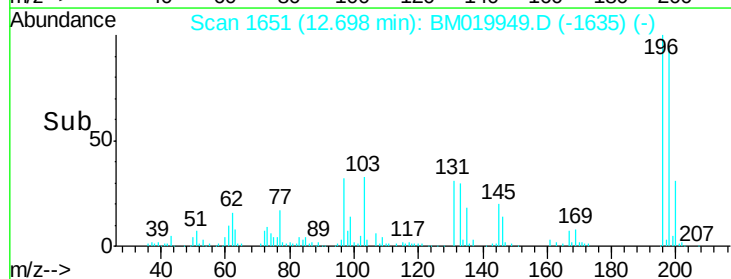
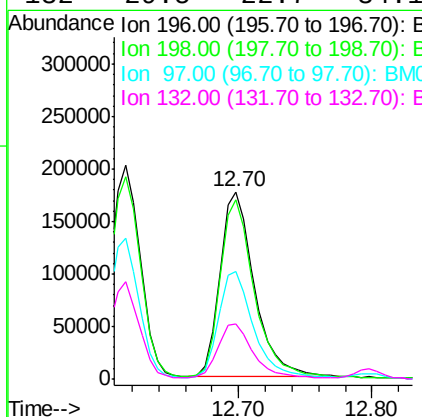
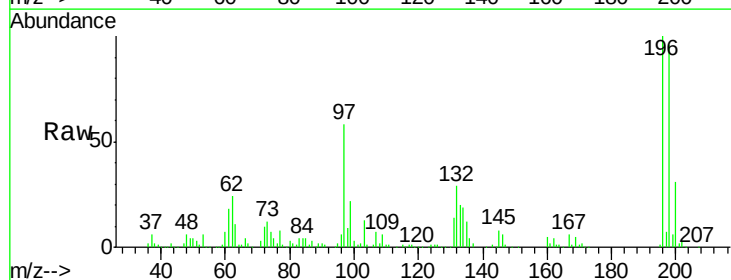
Instrument :
 BNA_M
 ClientSampleId :

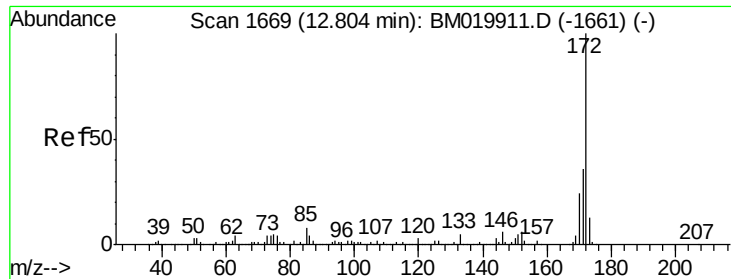
Tot Ion:196 Resp: 311720
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.8 115.2
 200 30.5 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 28.915 ng
 RT: 12.70 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BM019949.D
 Acq: 17 Apr 2019 21:41

Tgt Ion:196 Resp: 318738
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.8 116.8
 97 57.6 46.2 69.2
 132 29.5 22.7 34.1

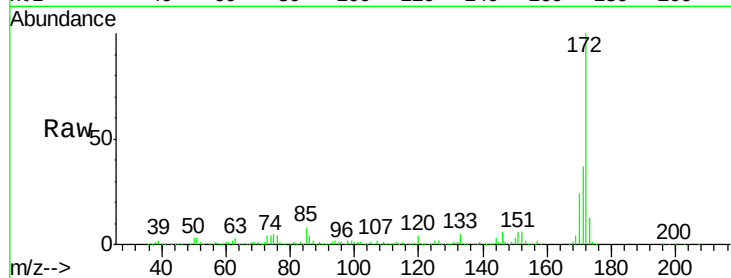




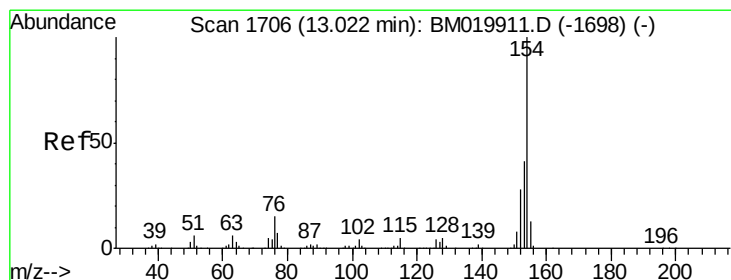
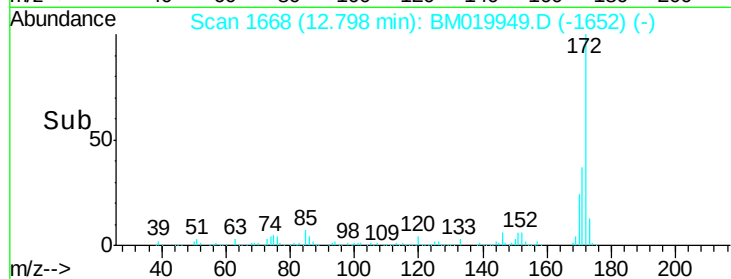
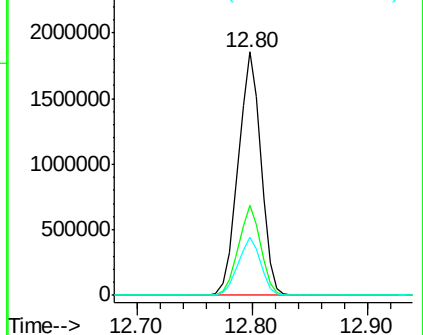
#45
2-Fluorobiphenyl
Concen: 62.010 ng
RT: 12.80 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Instrument :
BNA_M
ClientSampled :

Tot Ion:172 Resp: 2519757
Ion Ratio Lower Upper
172 100
171 36.7 28.9 43.3
170 23.8 19.0 28.4

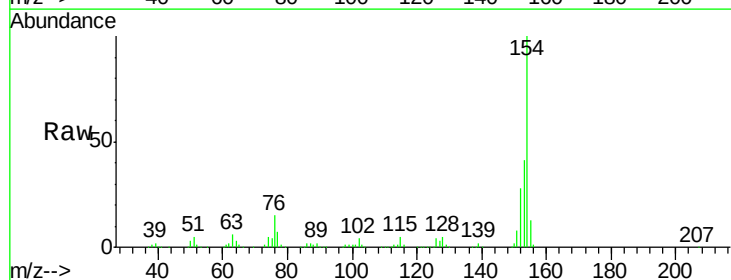


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

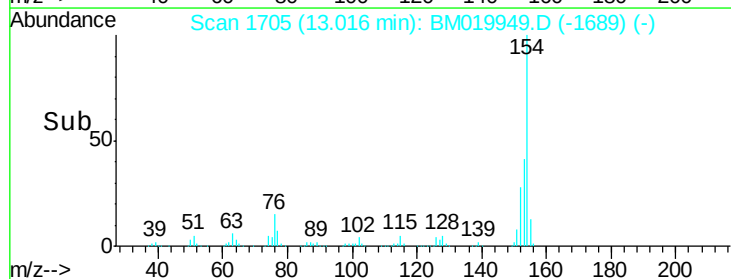
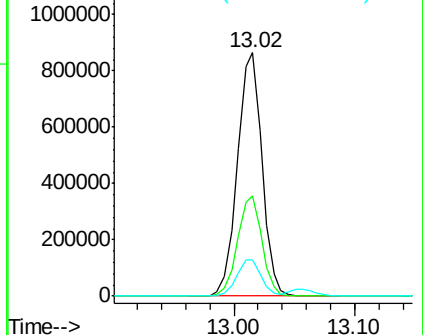


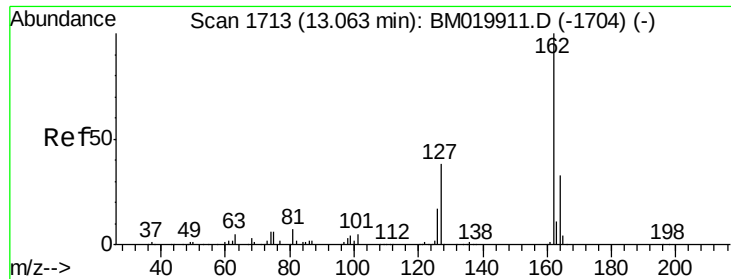
#46
1,1'-Biphenyl
Concen: 27.990 ng
RT: 13.02 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Tgt Ion:154 Resp: 1227652
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 14.7 0.0 34.8



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

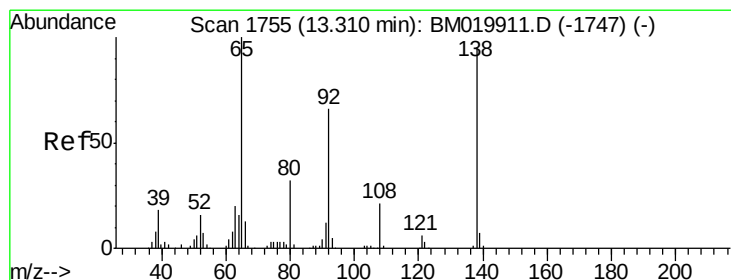
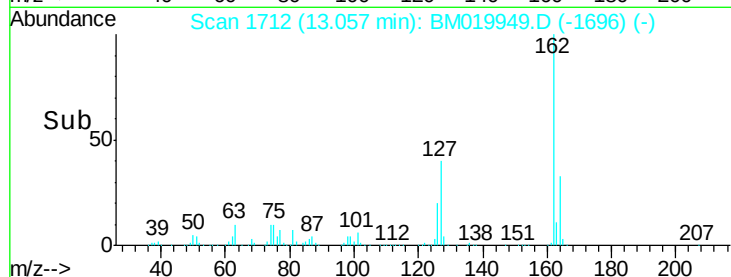
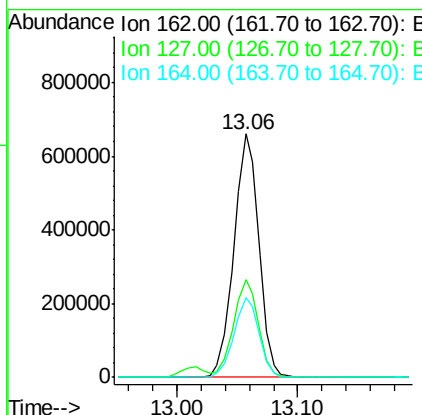
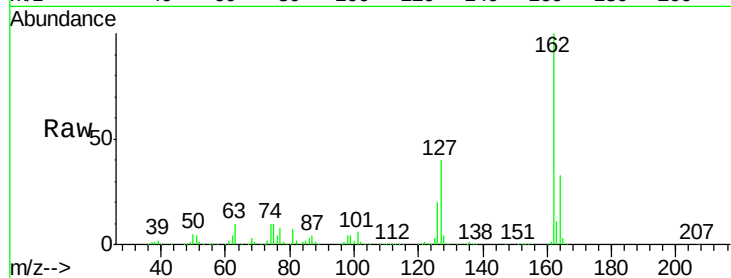




#47
2-Chloronaphthalene
Concen: 28.454 ng
RT: 13.06 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

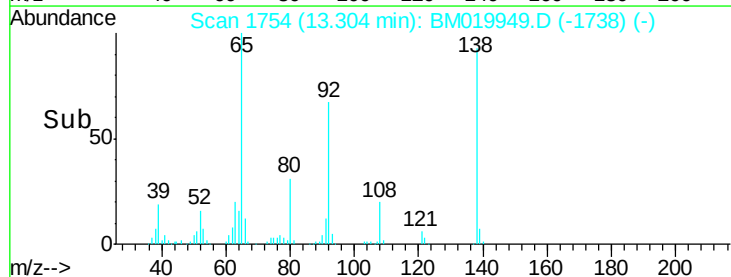
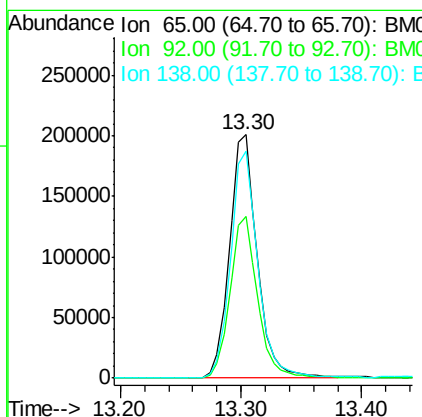
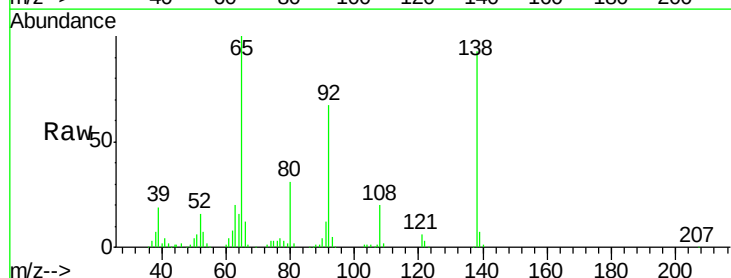
Instrument :
BNA_M
ClientSampleId :

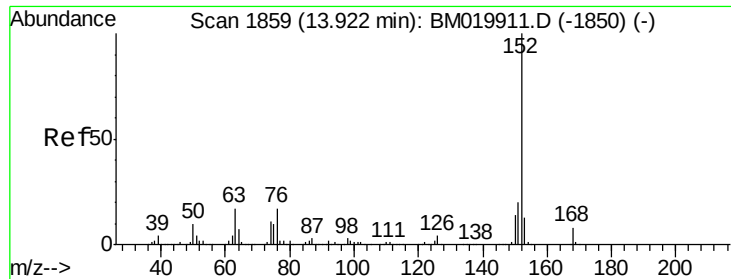
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.3	48.5
164	32.6	26.3	39.5



#48
2-Nitroaniline
Concen: 26.663 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	52.9	79.3
138	93.4	75.8	113.6





#49

Acenaphthylene

Concen: 26.418 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampled :

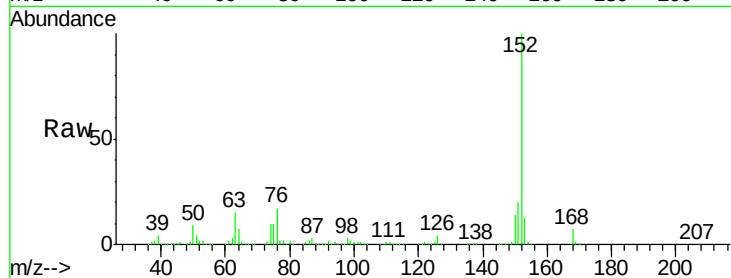
Tot Ion:152 Resp: 1537820

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

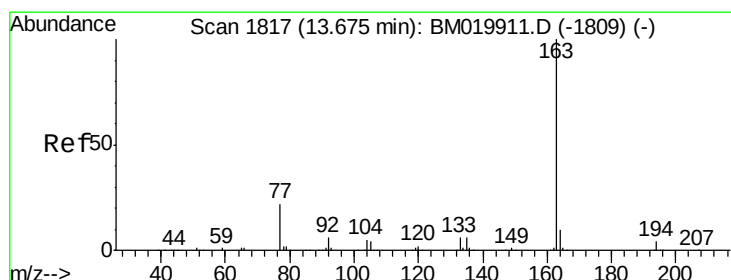
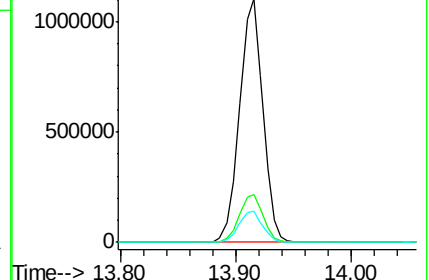
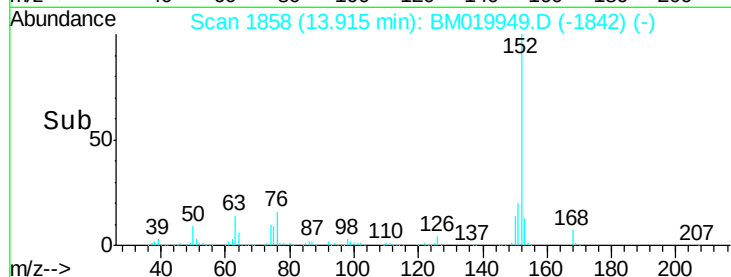
153 12.9 10.6 16.0



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: 36.127 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

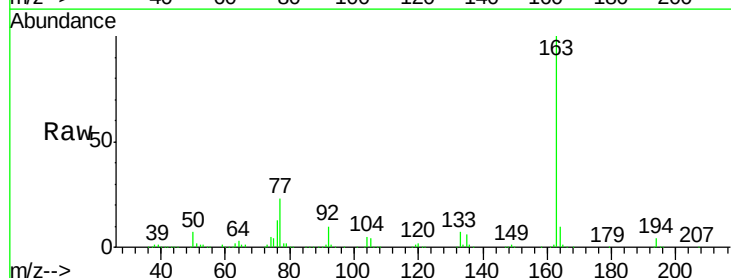
Tgt Ion:163 Resp: 1613728

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

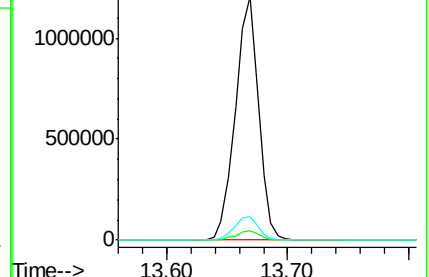
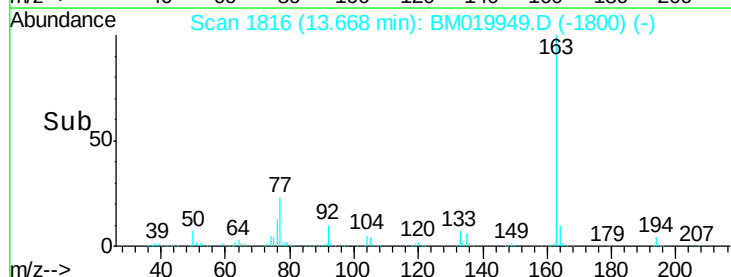
164 9.8 7.9 11.9

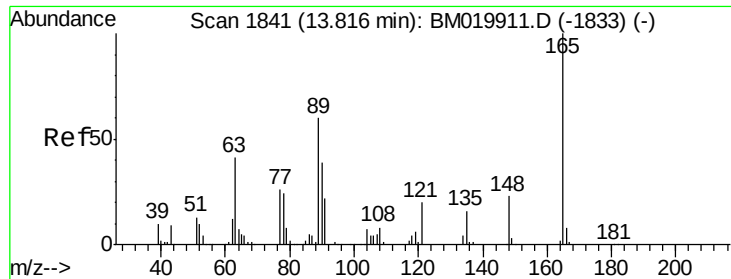


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

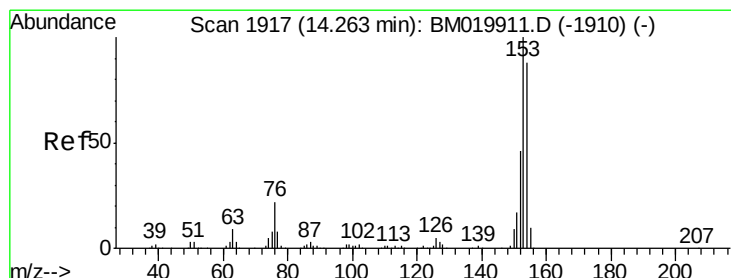
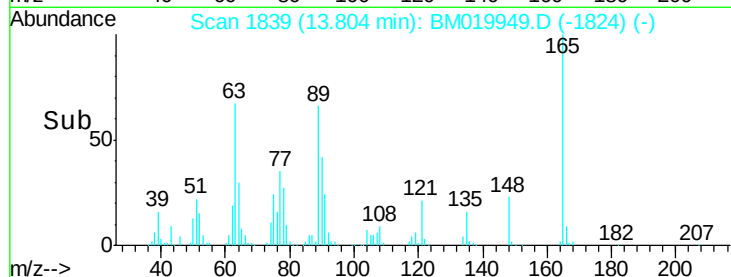
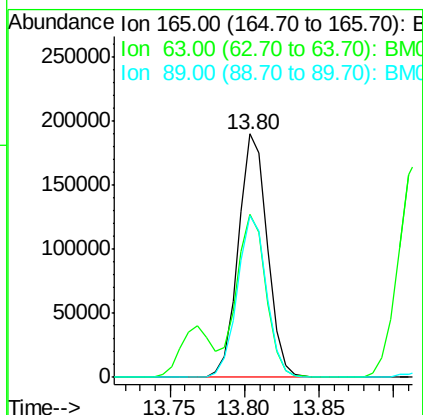
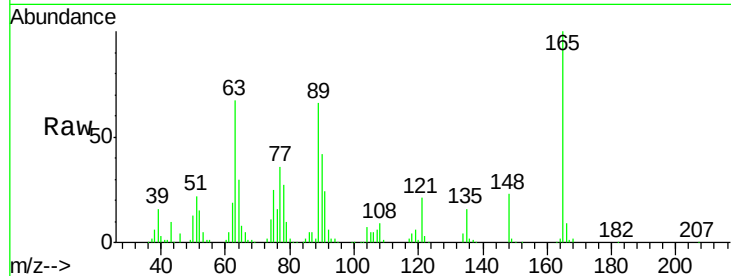




#51
 2,6-Dinitrotoluene
 Concen: 25.891 ng
 RT: 13.80 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BM019949.D
 Acq: 17 Apr 2019 21:41

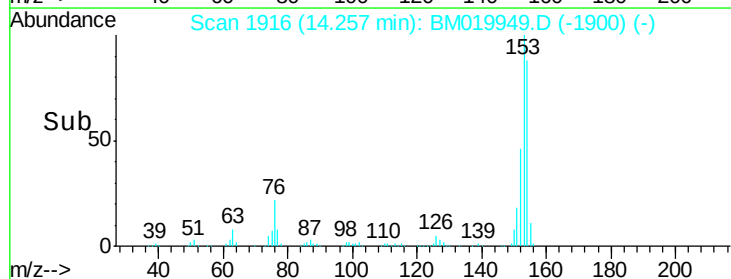
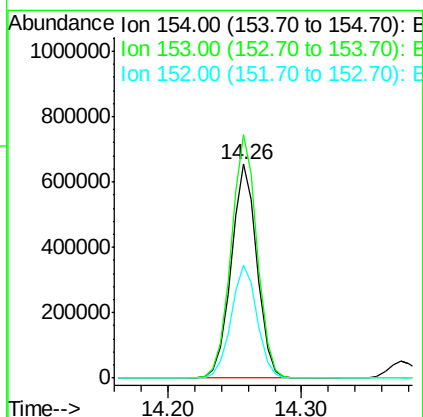
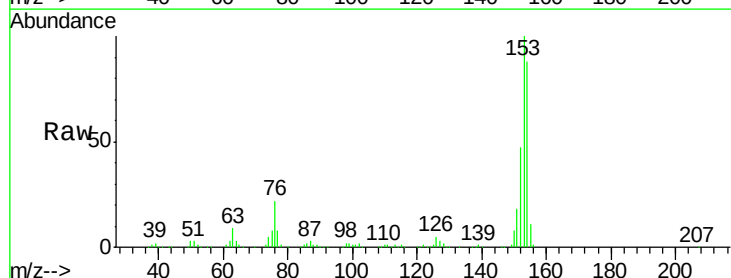
Instrument :
 BNA_M
 ClientSampleId :

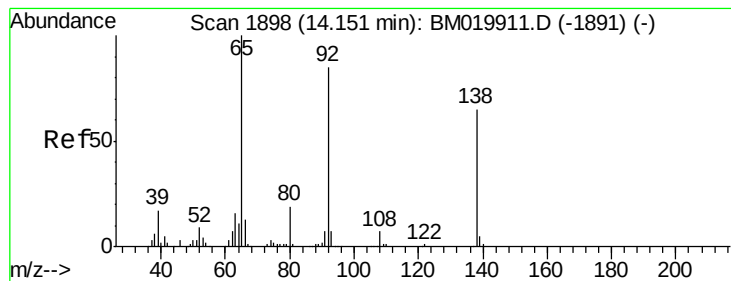
Tot Ion	Ratio	Lower	Upper
165	100		
63	67.1	48.5	72.7
89	66.3	48.2	72.4



#52
 Acenaphthene
 Concen: 27.193 ng
 RT: 14.26 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM019949.D
 Acq: 17 Apr 2019 21:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.0	136.4
152	52.9	42.2	63.2





#53

3-Nitroaniline

Concen: 8.932 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampled :

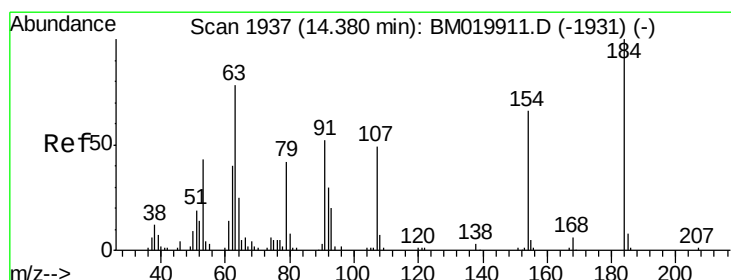
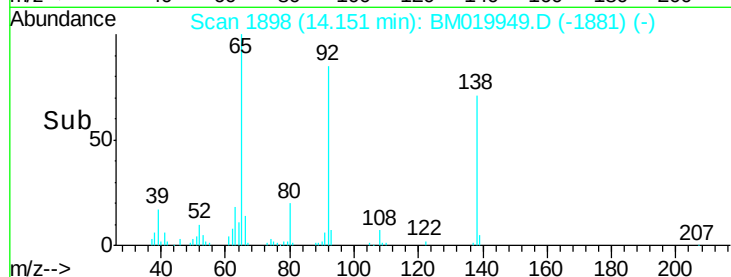
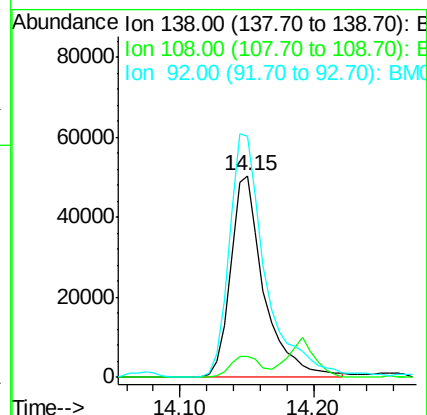
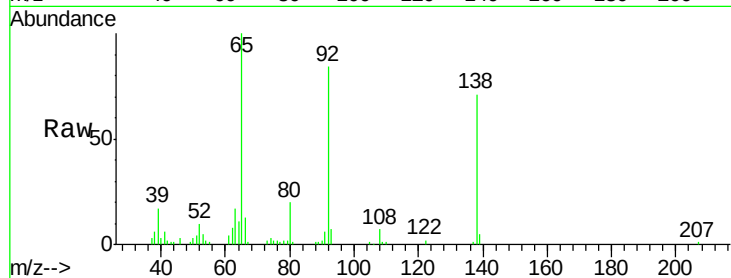
Tot Ion:138 Resp: 88096

Ion Ratio Lower Upper

138 100

108 10.3 8.9 13.3

92 119.3 103.8 155.8



#54

2,4-Dinitrophenol

Concen: 28.576 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

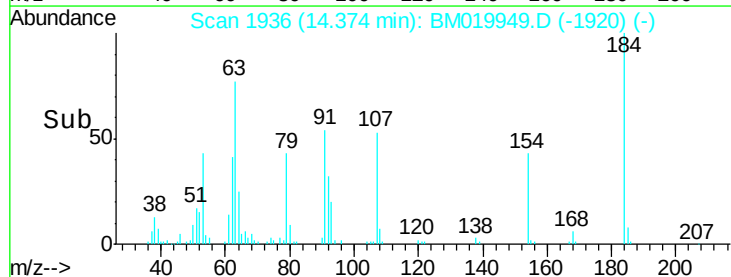
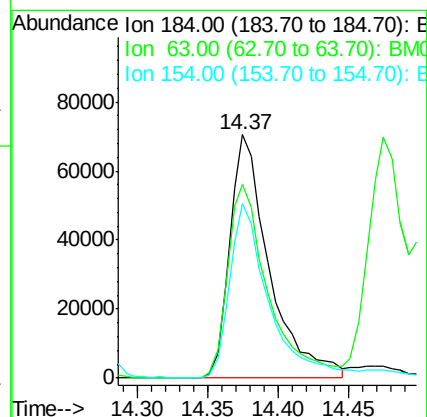
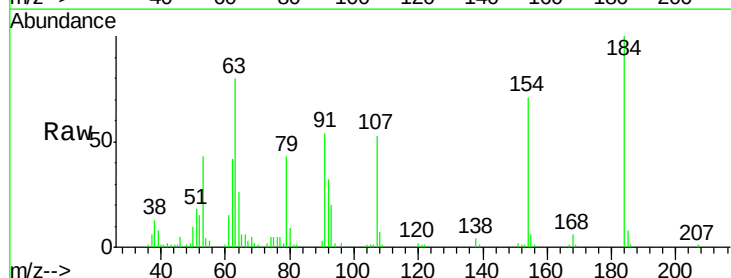
Tgt Ion:184 Resp: 137272

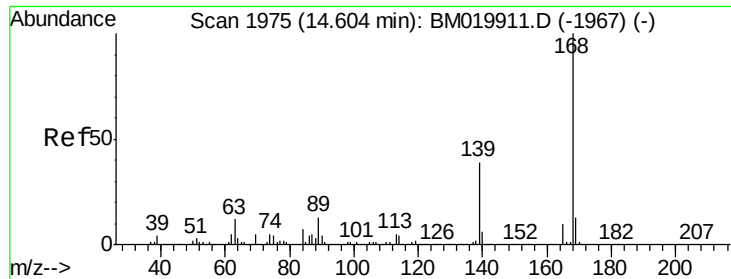
Ion Ratio Lower Upper

184 100

63 79.6 62.3 93.5

154 71.5 53.0 79.6

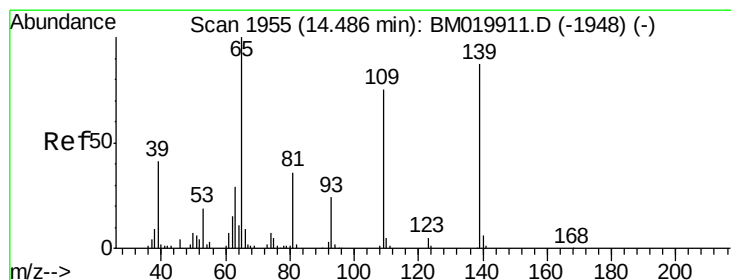
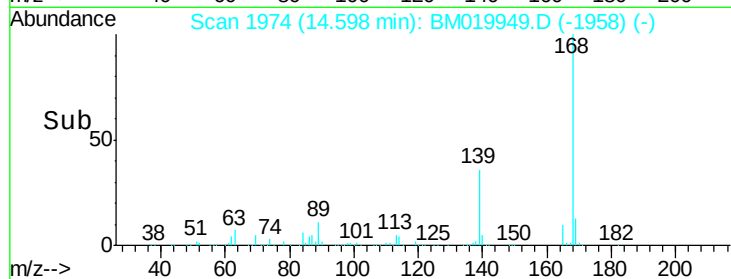
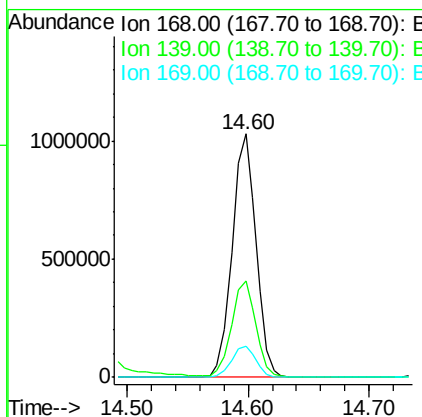
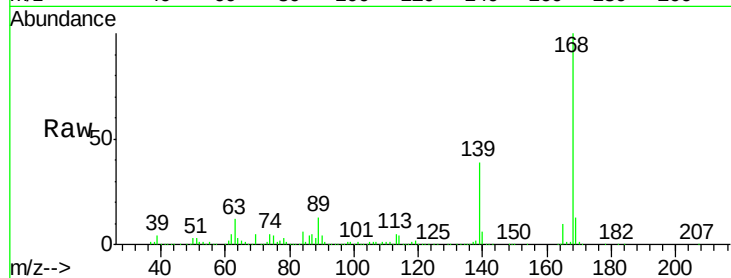




#55
Dibenzofuran
Concen: 26.781 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

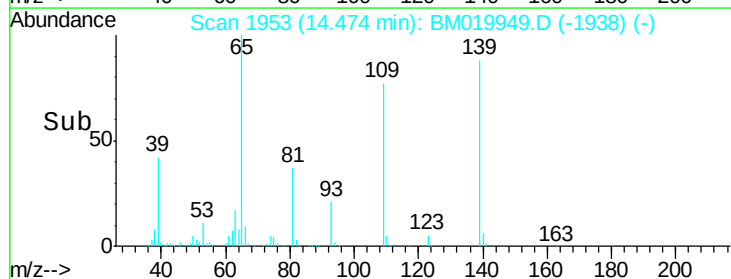
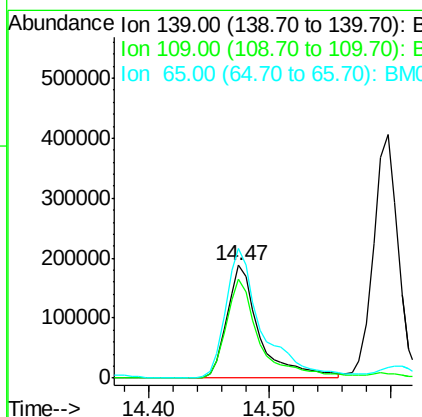
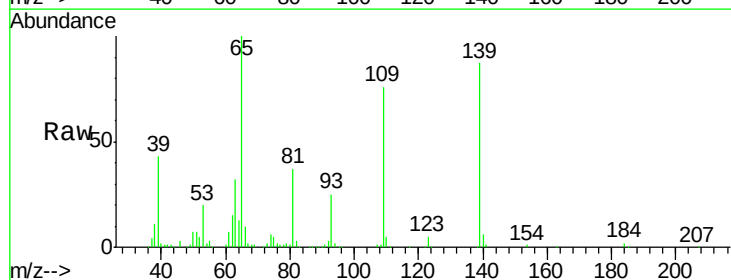
Instrument :
BNA_M
ClientSampled :

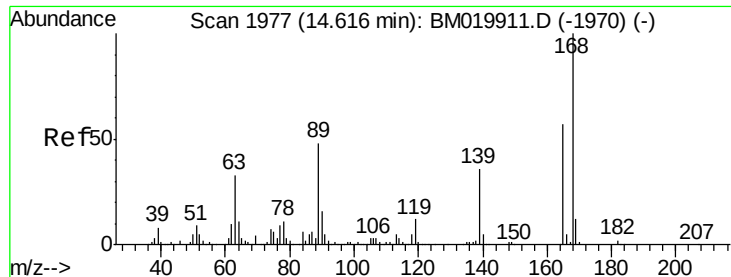
Tot Ion:168 Resp: 1413443
Ion Ratio Lower Upper
168 100
139 39.4 31.5 47.3
169 13.0 10.6 16.0



#56
4-Nitrophenol
Concen: 48.038 ng
RT: 14.47 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Tgt Ion:139 Resp: 354192
Ion Ratio Lower Upper
139 100
109 87.4 65.3 105.3
65 115.1 94.9 134.9





#57

2,4-Dinitrotoluene

Concen: 25.378 ng

RT: 14.61 min Scan# 1976

Delta R.T. -0.01 min

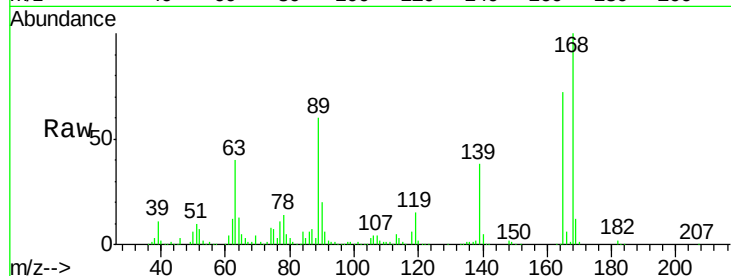
Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :



Tot Ion:165 Resp: 360324

Ion Ratio Lower Upper

165 100

63 55.3 46.0 69.0

89 84.2 67.5 101.3

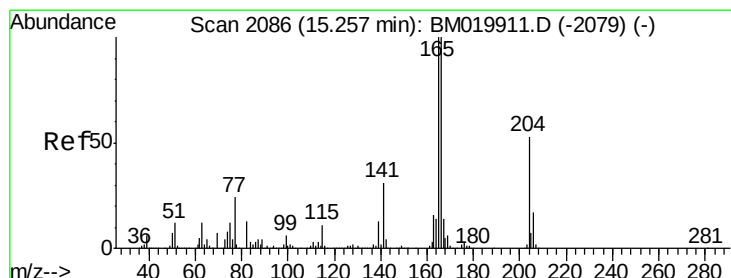
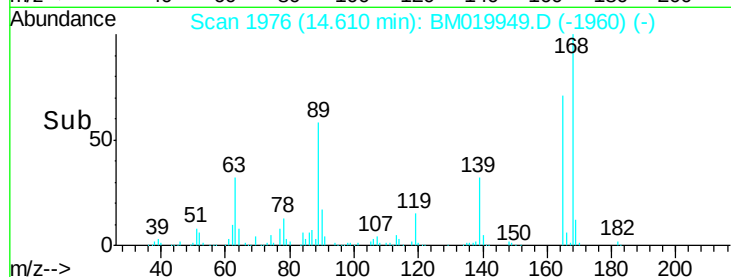
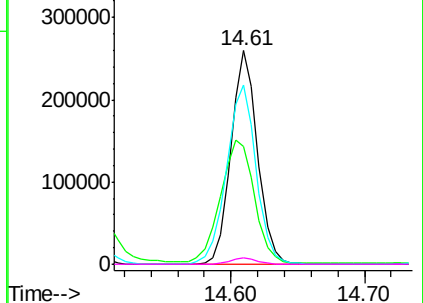
182 3.0 2.4 3.6

Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 25.842 ng

RT: 15.25 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Tgt Ion:166 Resp: 1155707

Ion Ratio Lower Upper

166 100

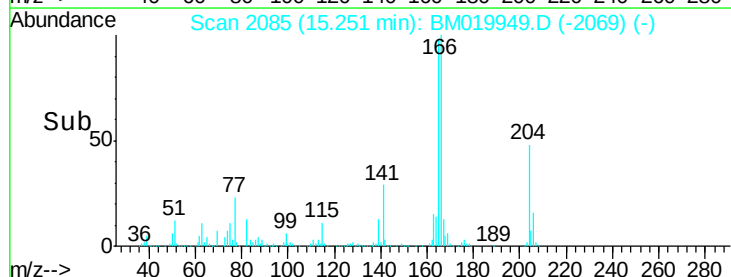
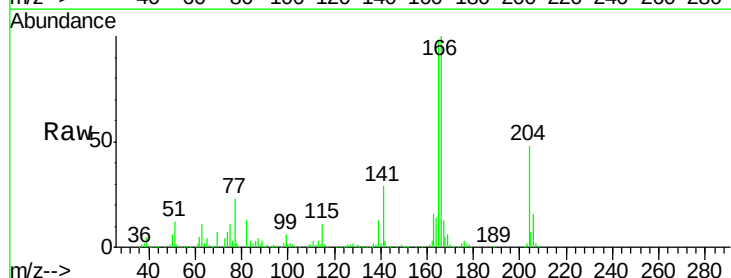
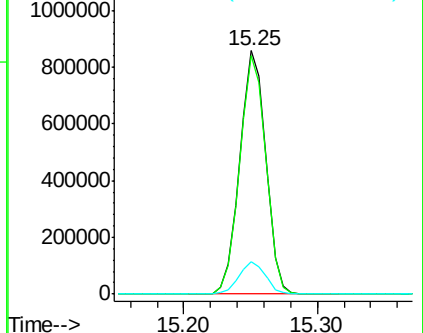
165 98.2 80.1 120.1

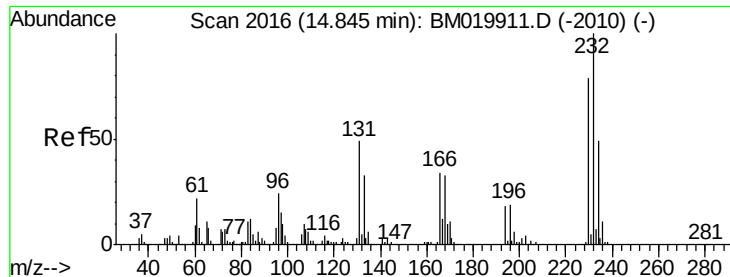
167 13.4 11.0 16.4

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

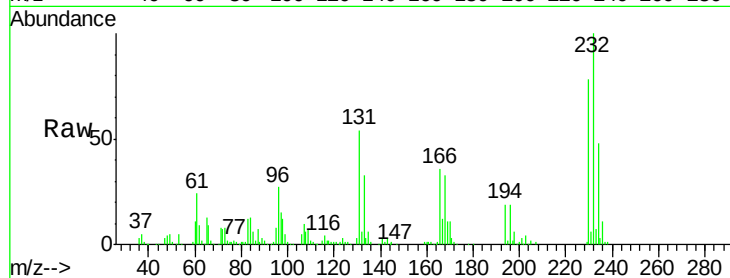




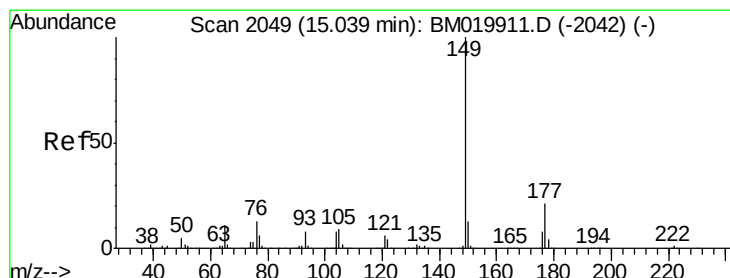
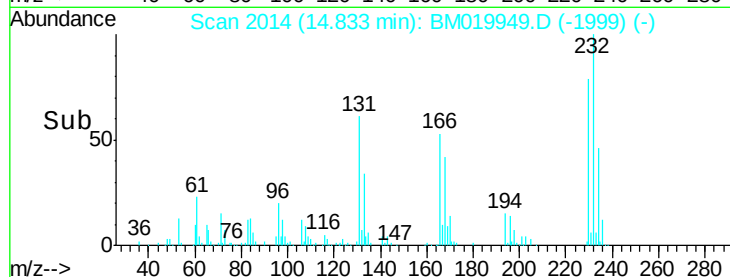
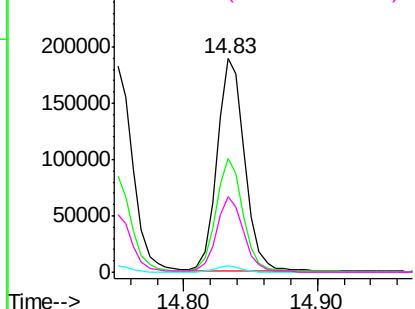
#59
2,3,4,6-Tetrachlorophenol
Concen: 27.013 ng
RT: 14.83 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Instrument :
BNA_M
ClientSampled :

Tot Ion:	232	Resp:	271707
Ion	Ratio	Lower	Upper
232	100		
131	52.6	42.1	63.1
130	2.9	2.2	3.4
166	34.8	28.1	42.1

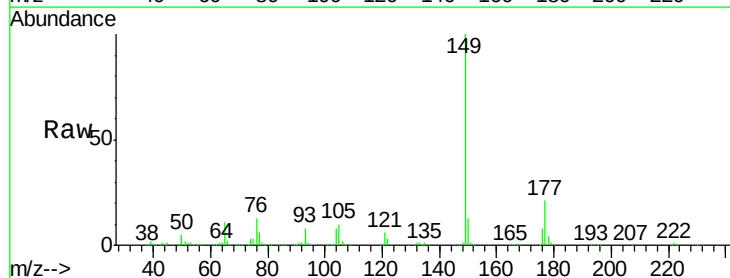


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

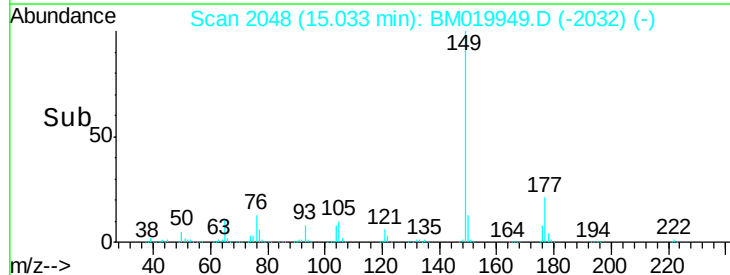
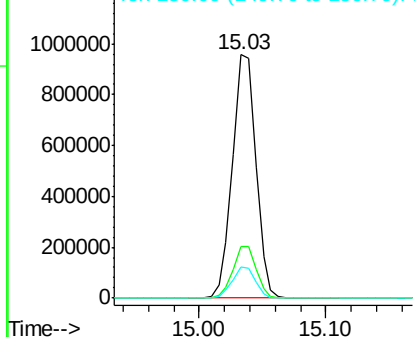


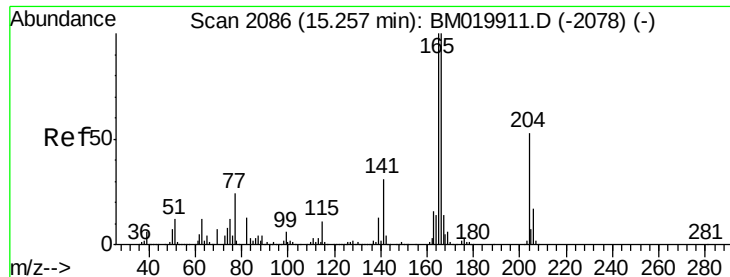
#60
Diethylphthalate
Concen: 26.326 ng
RT: 15.03 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Tgt Ion:	149	Resp:	1223005
Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.6	25.0
150	12.6	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

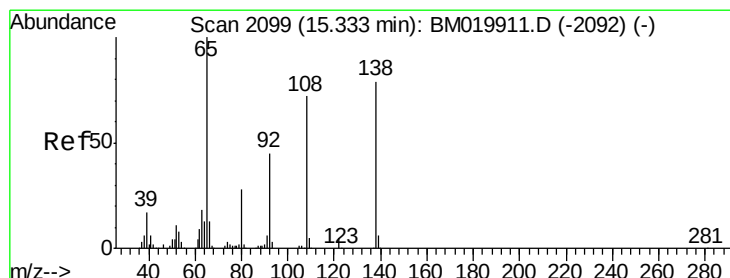
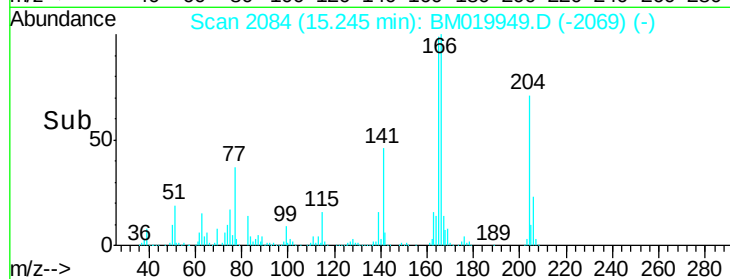
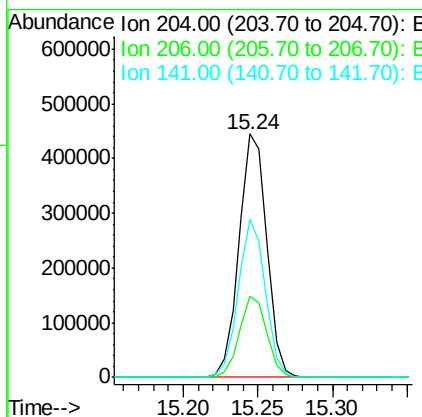
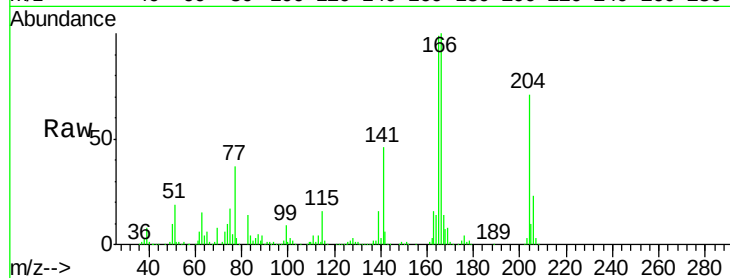




#61
4-Chlorophenyl-phenylether
Concen: 26.618 ng
RT: 15.24 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

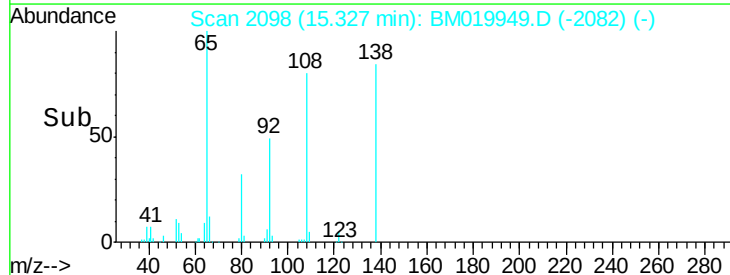
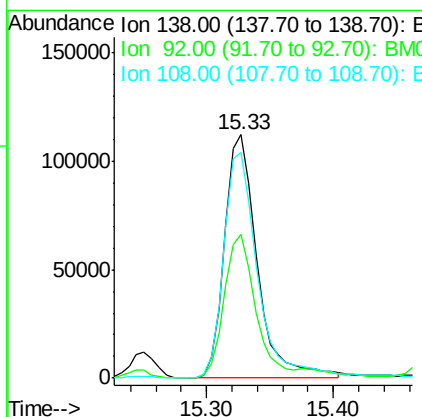
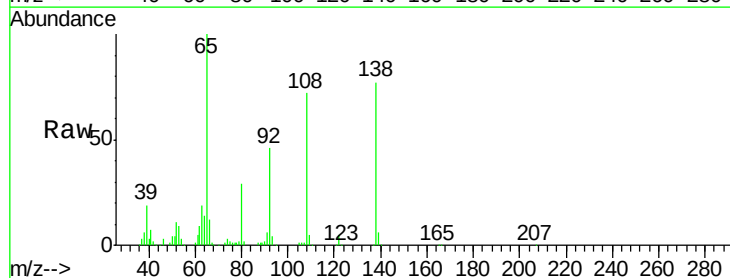
Instrument :
BNA_M
ClientSampled :

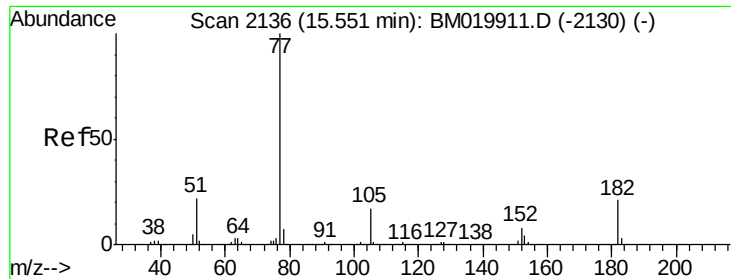
Tot Ion:204 Resp: 573148
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.8
141 64.6 47.0 70.4



#62
4-Nitroaniline
Concen: 20.654 ng
RT: 15.33 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Tgt Ion:138 Resp: 200700
Ion Ratio Lower Upper
138 100
92 59.1 36.8 76.8
108 92.9 71.5 111.5





#63

Azobenzene

Concen: 26.553 ng

RT: 15.54 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

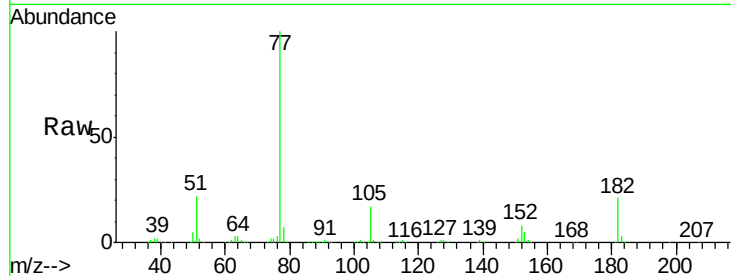
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1318410

Ion	Ratio	Lower	Upper
77	100		
182	21.2	1.0	41.0
105	17.2	0.0	37.1
51	22.1	2.1	42.1

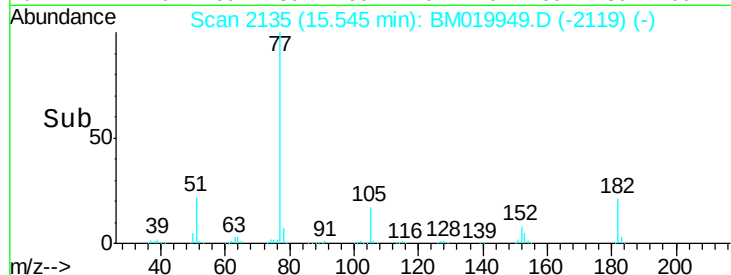


Abundance Ion 77.00 (76.70 to 77.70): BM019949.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM019949.D (-2119) (-)

Ion 105.00 (104.70 to 105.70): BM019949.D (-2119) (-)

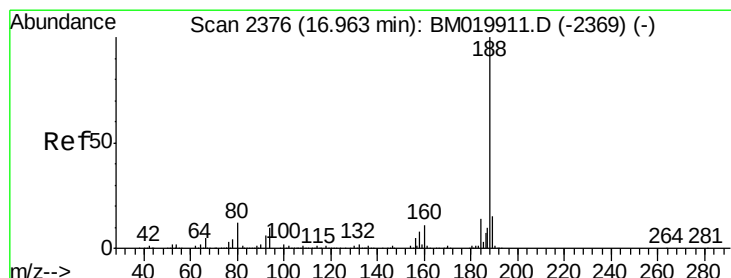
Ion 51.00 (50.70 to 51.70): BM019949.D (-2119) (-)



Time-->

15.54

15.50 15.60



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2375

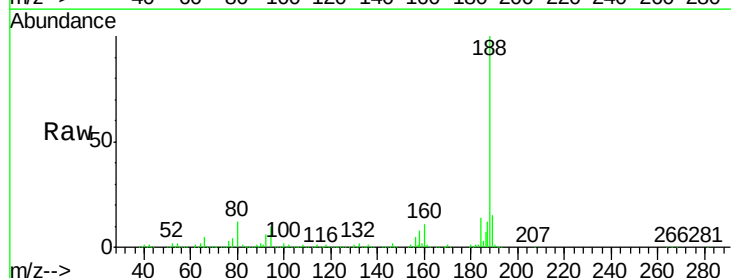
Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Tgt Ion: 188 Resp: 1002738

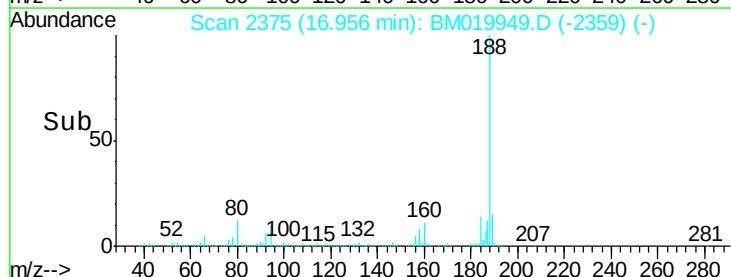
Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.6	11.4
80	12.2	9.4	14.0



Abundance Ion 188.00 (187.70 to 188.70): BM019949.D (-2359) (-)

Ion 94.00 (93.70 to 94.70): BM019949.D (-2359) (-)

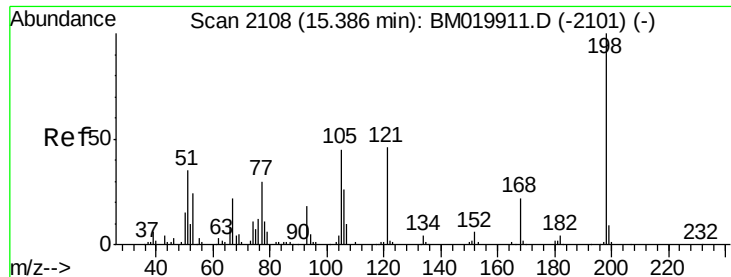
Ion 80.00 (79.70 to 80.70): BM019949.D (-2359) (-)



Time-->

16.96

16.90 17.00



#65

4,6-Dinitro-2-methylphenol

Concen: 17.509 ng

RT: 15.38 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :

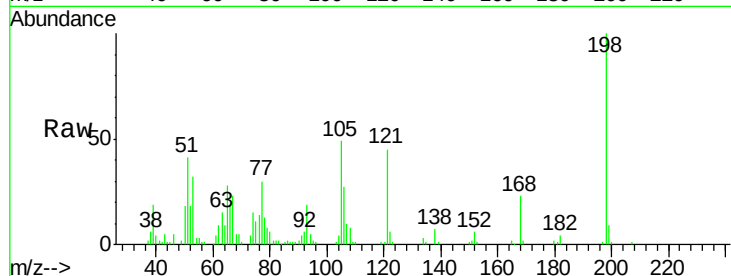
Tot Ion:198 Resp: 112021

Ion Ratio Lower Upper

198 100

51 41.4 17.9 57.9

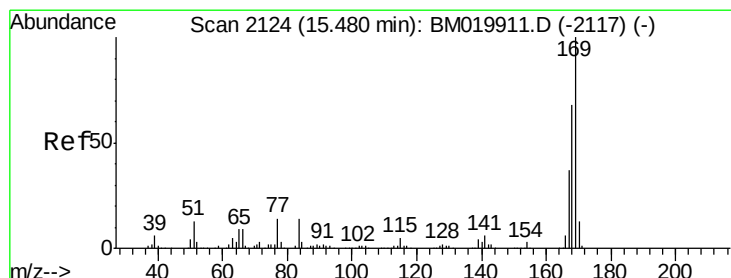
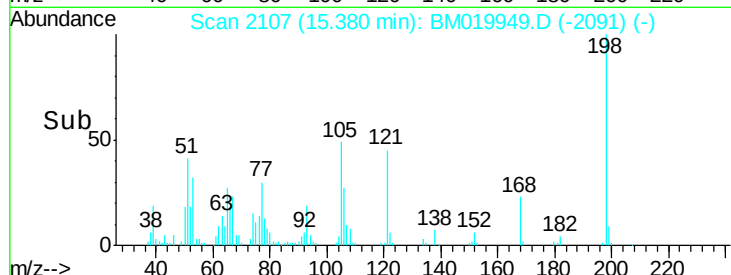
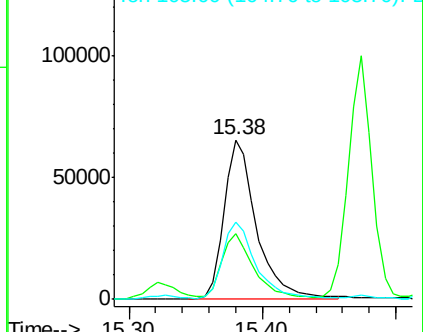
105 48.7 26.1 66.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 29.396 ng

RT: 15.47 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

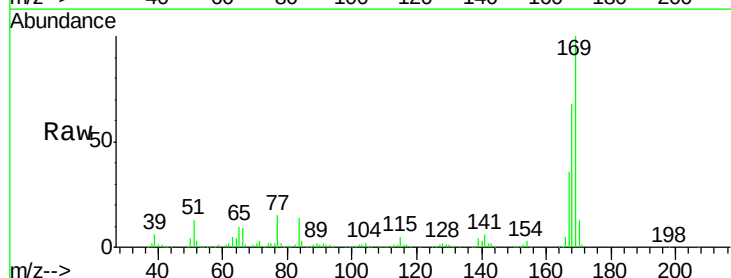
Tgt Ion:169 Resp: 963672

Ion Ratio Lower Upper

169 100

168 67.5 54.7 82.1

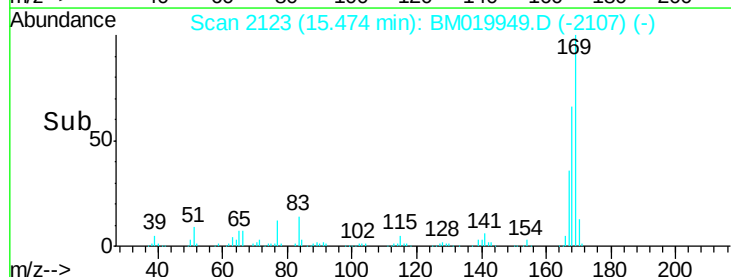
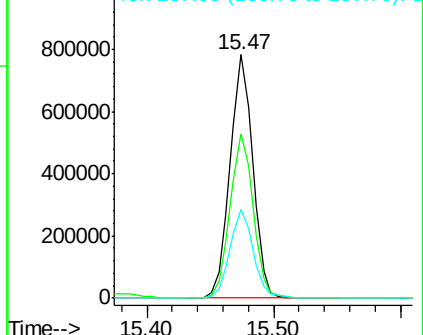
167 36.4 29.4 44.0

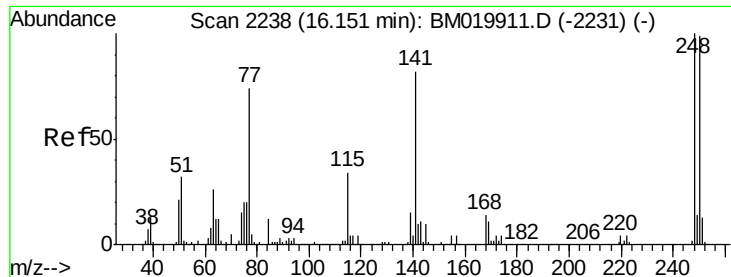


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

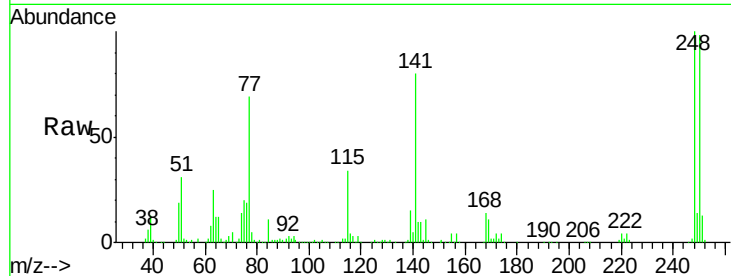




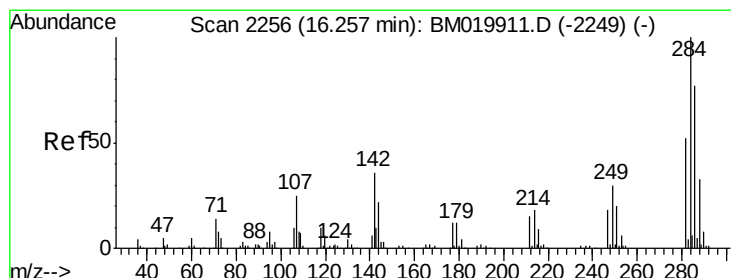
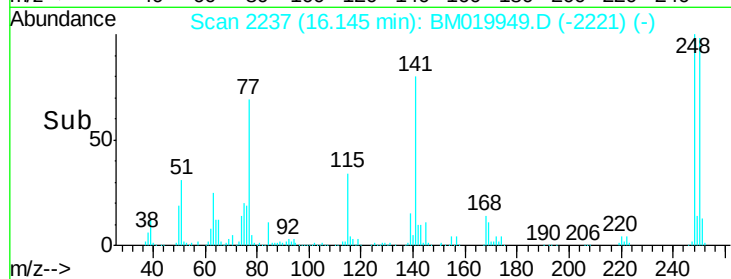
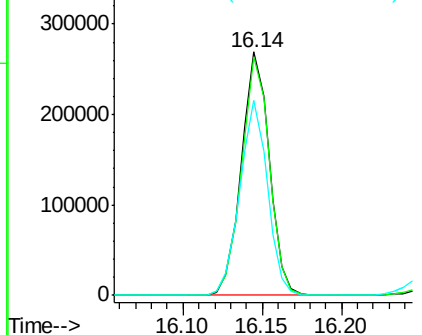
#67
4-Bromophenyl-phenylether
Concen: 28.547 ng
RT: 16.14 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 329110
Ion Ratio Lower Upper
248 100
250 98.0 78.9 118.3
141 80.1 65.6 98.4

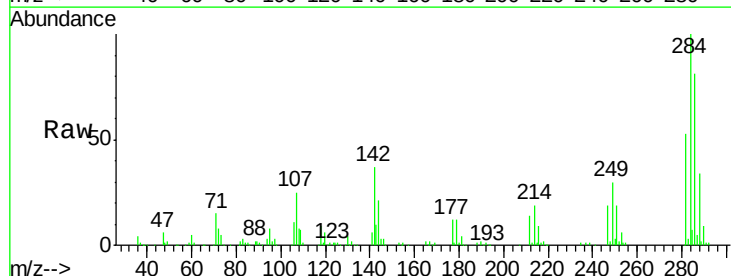


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

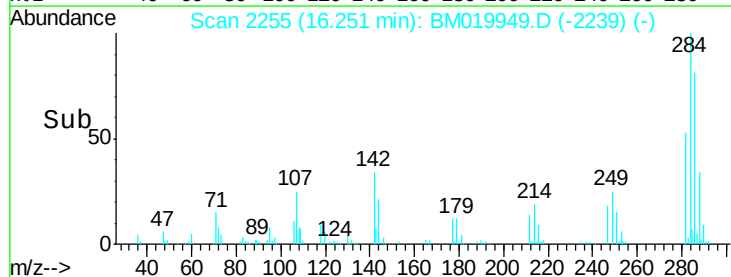
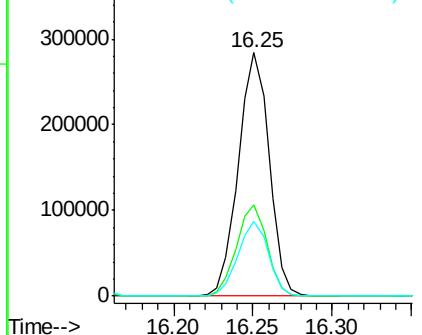


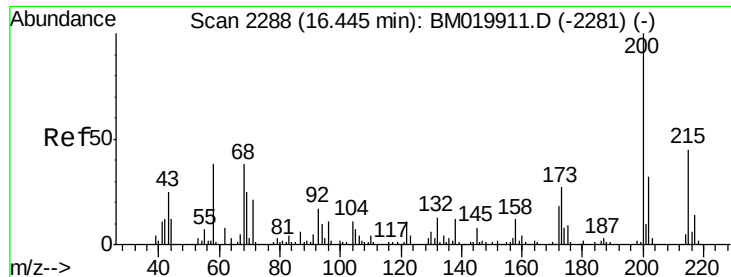
#68
Hexachlorobenzene
Concen: 27.692 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Tgt Ion:284 Resp: 383068
Ion Ratio Lower Upper
284 100
142 37.3 28.9 43.3
249 30.5 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

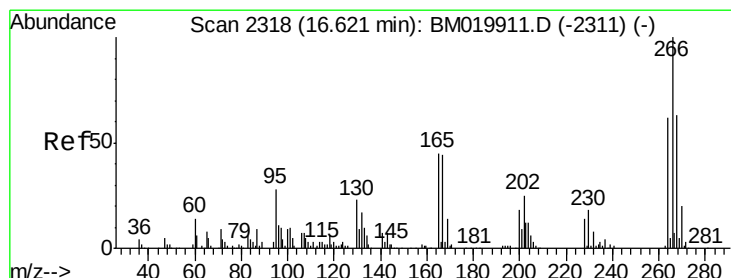
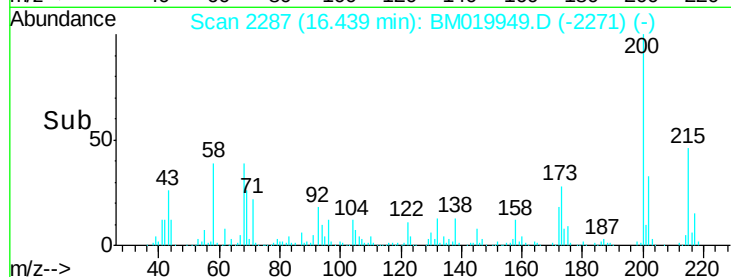
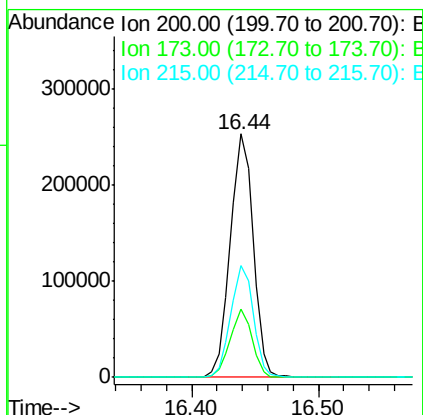
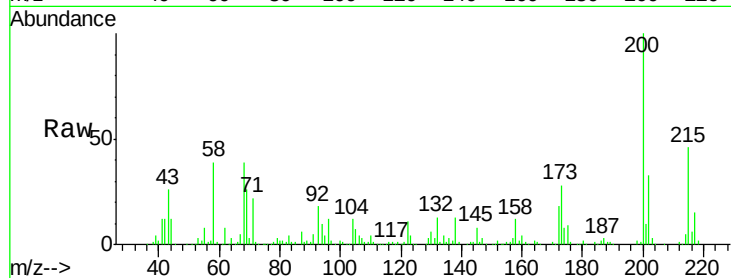




#69
Atrazine
Concen: 28.431 ng
RT: 16.44 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

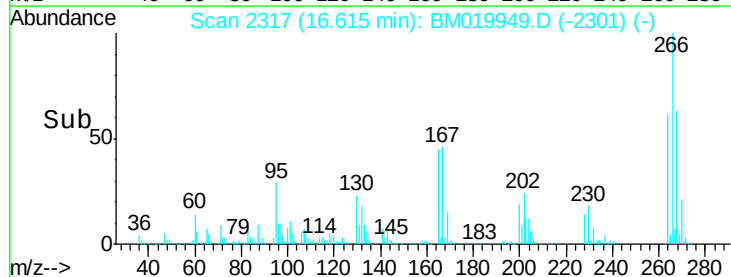
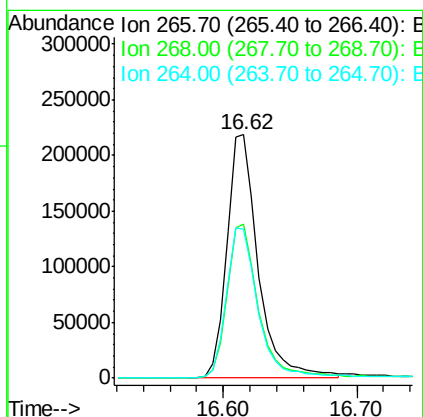
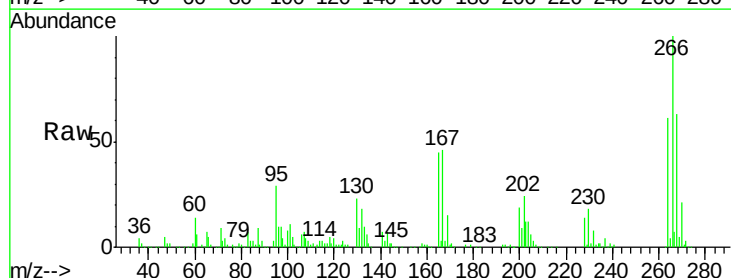
Instrument :
BNA_M
ClientSampleId :

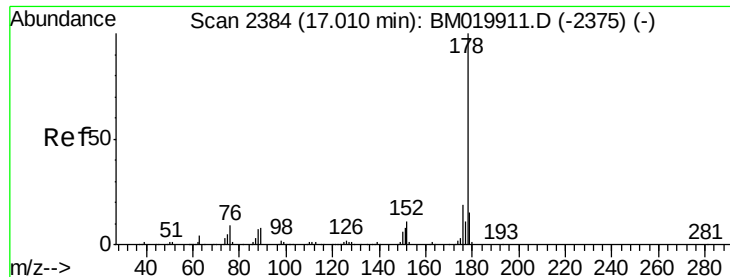
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.2	47.2
215	45.7	25.4	65.4



#70
Pentachlorophenol
Concen: 50.805 ng
RT: 16.62 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.3	75.5
264	61.3	49.8	74.8

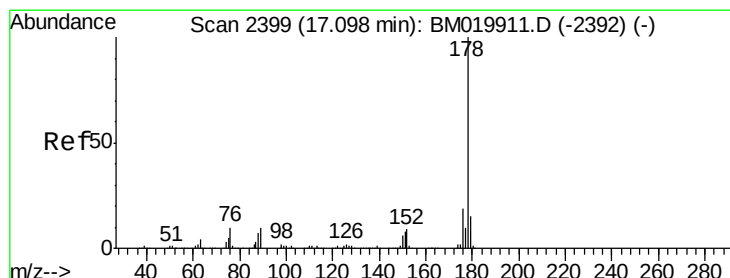
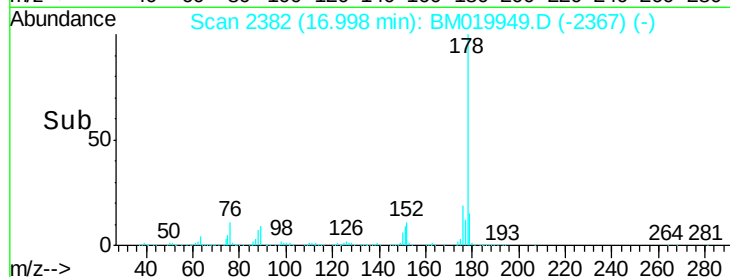
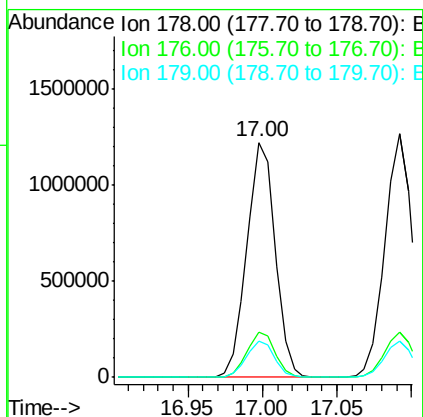
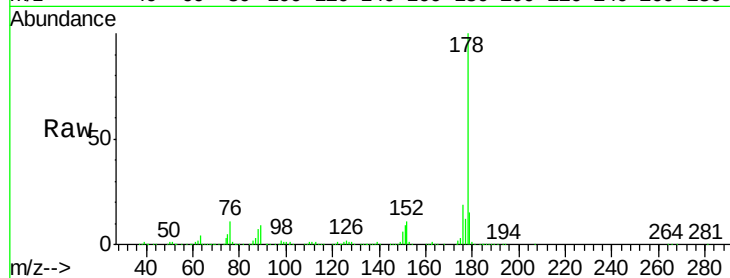




#71
Phenanthrene
Concen: 26.984 ng
RT: 17.00 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

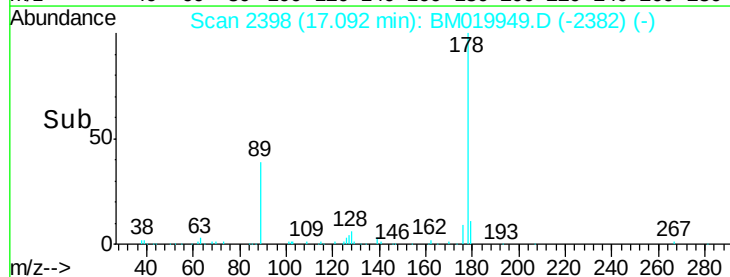
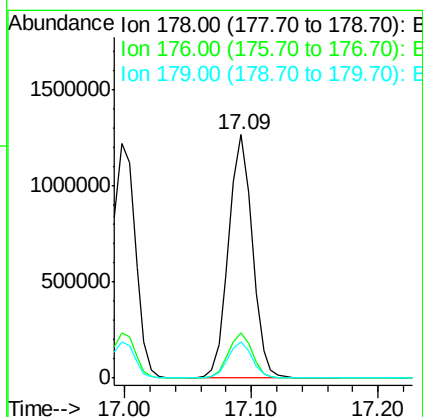
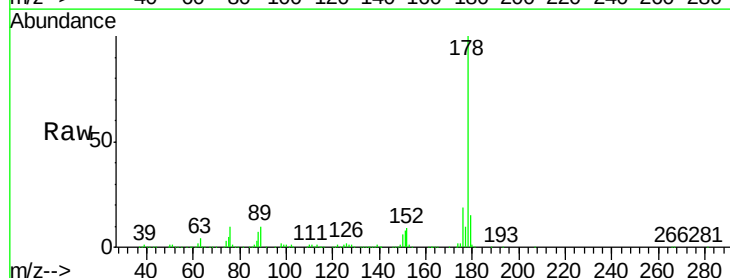
Instrument :
BNA_M
ClientSampleId :

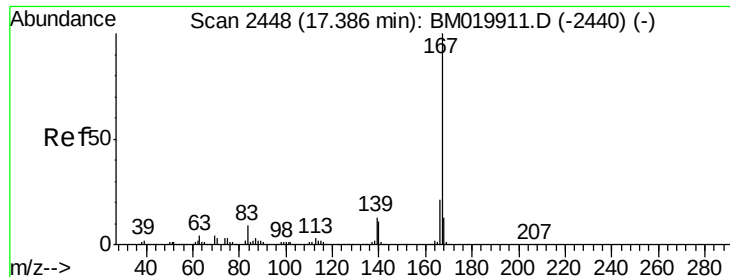
Tot Ion:178 Resp: 1605679
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.3 12.2 18.4



#72
Anthracene
Concen: 27.629 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Tgt Ion:178 Resp: 1636532
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.1 12.2 18.4





#73

Carbazole

Concen: 25.713 ng

RT: 17.38 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :

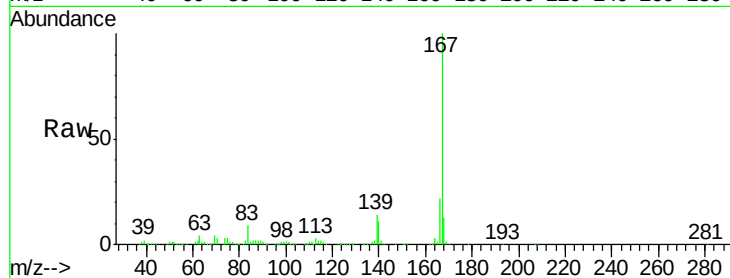
Tot Ion:167 Resp: 1421991

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

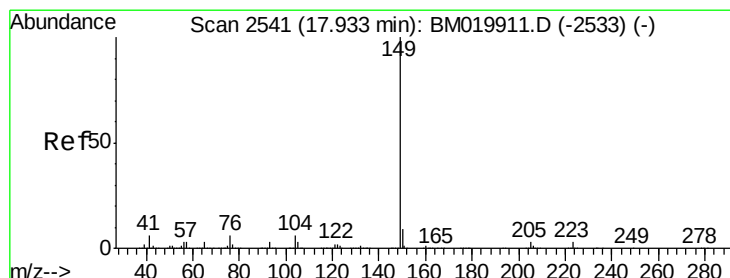
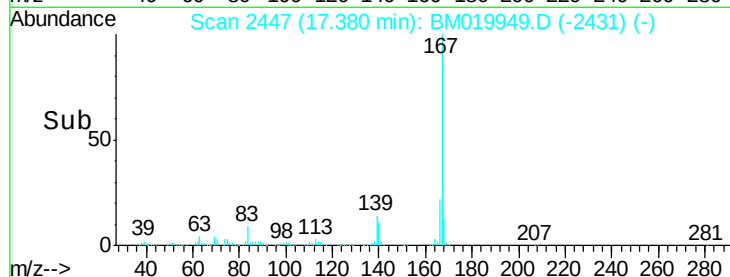
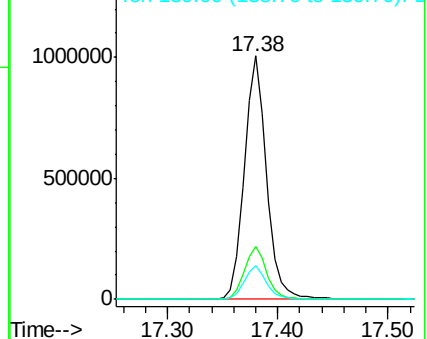
139 13.7 10.7 16.1



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: 27.708 ng

RT: 17.93 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

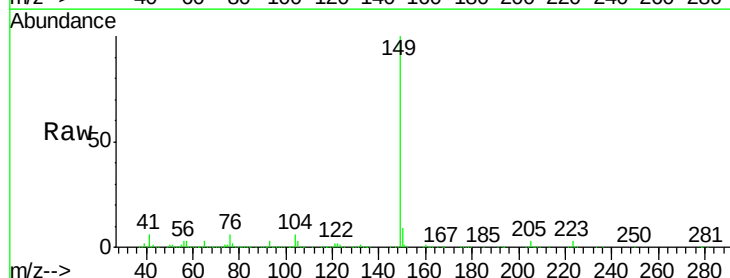
Tgt Ion:149 Resp: 2012375

Ion Ratio Lower Upper

149 100

150 8.8 7.2 10.8

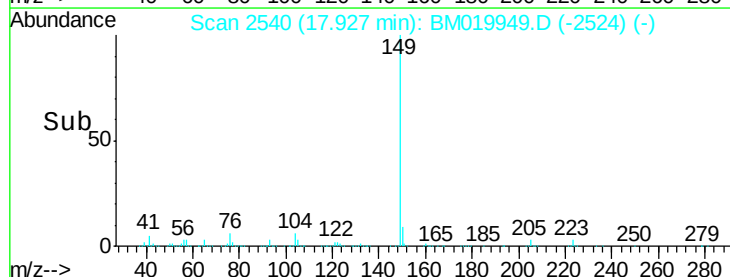
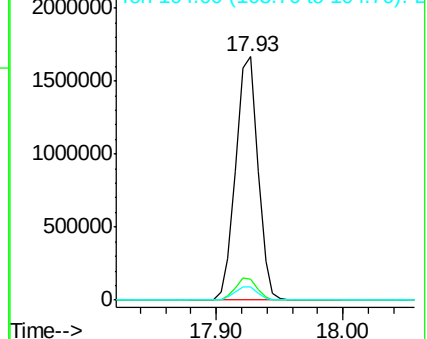
104 5.6 4.6 7.0

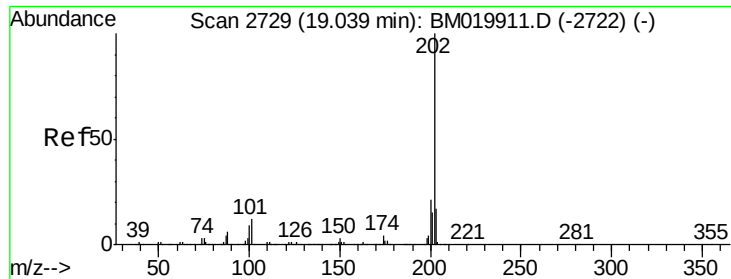


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 23.252 ng

RT: 19.03 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :

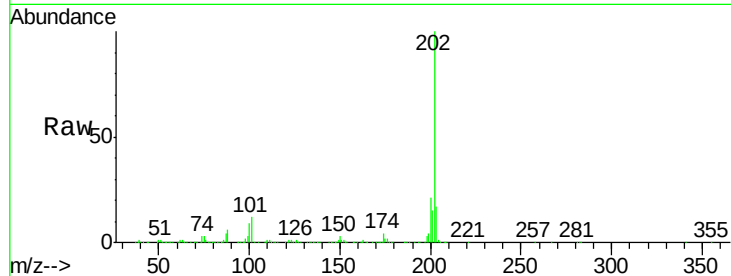
Tot Ion:202 Resp: 1592305

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.7

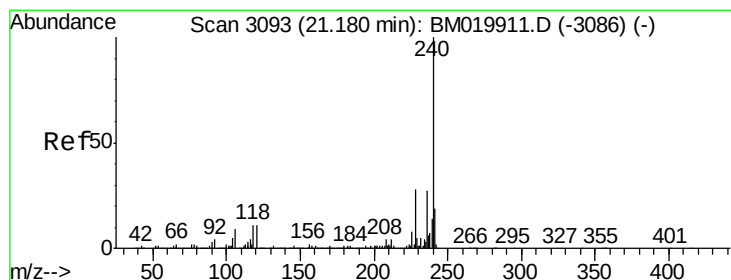
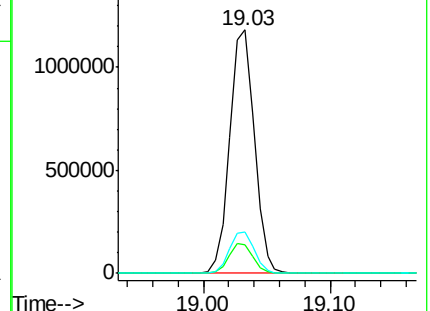
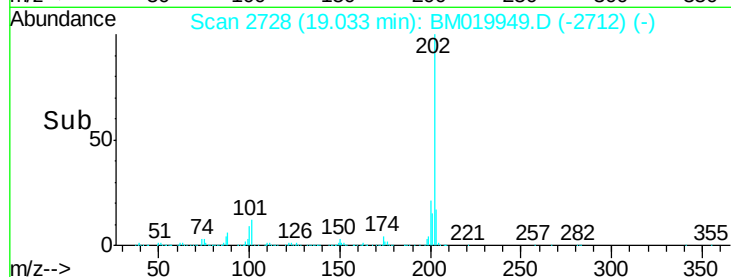
203 16.9 0.0 37.4



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: BM019949.D

Acq: 17 Apr 2019 21:41

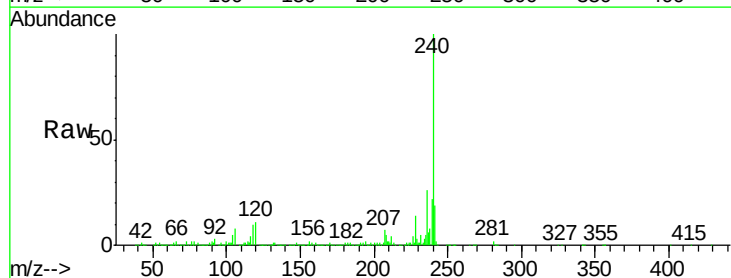
Tgt Ion:240 Resp: 738892

Ion Ratio Lower Upper

240 100

120 10.6 8.6 13.0

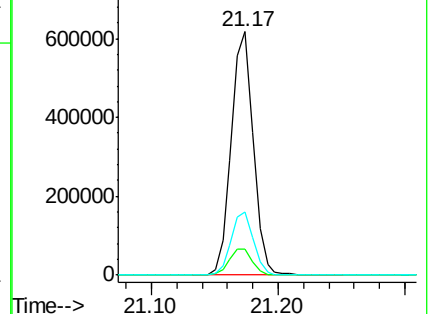
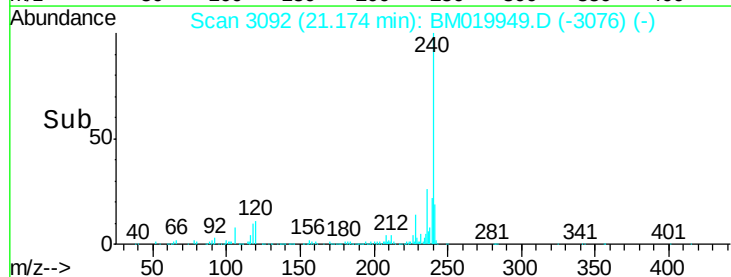
236 25.9 21.4 32.2

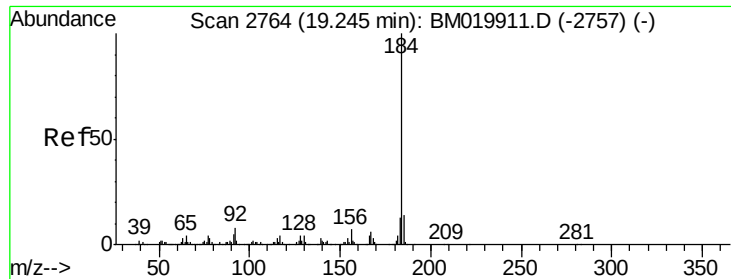


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.911 ng

RT: 19.24 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :

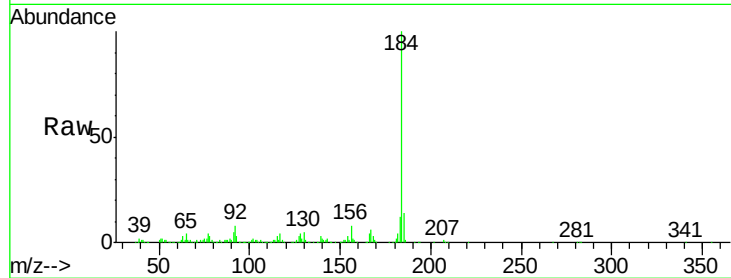
Tot Ion:184 Resp: 650580

Ion Ratio Lower Upper

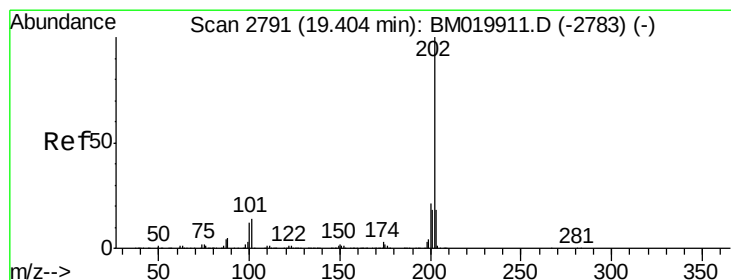
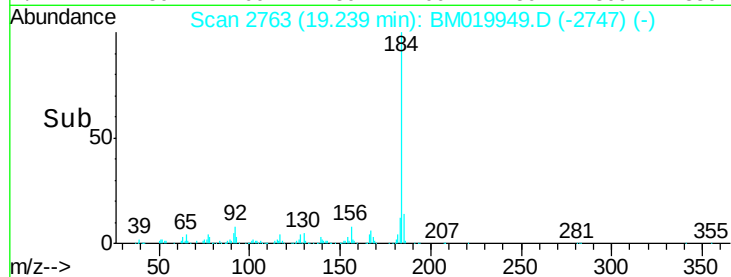
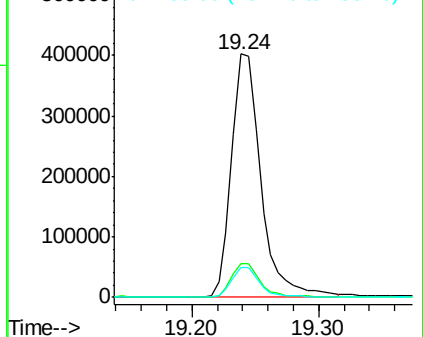
184 100

185 14.1 11.0 16.6

183 12.4 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: 32.432 ng

RT: 19.40 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

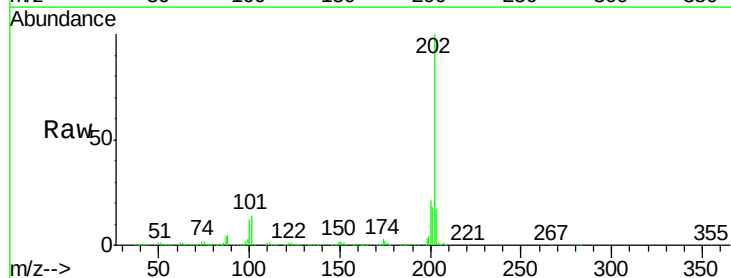
Tgt Ion:202 Resp: 1586925

Ion Ratio Lower Upper

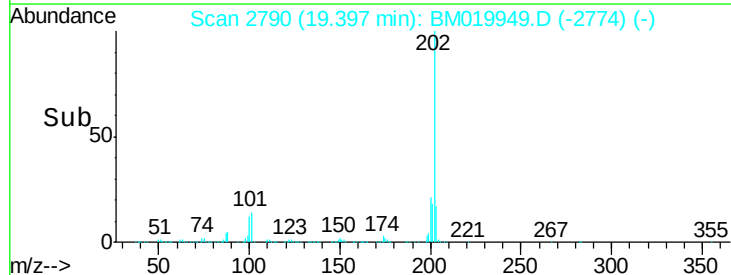
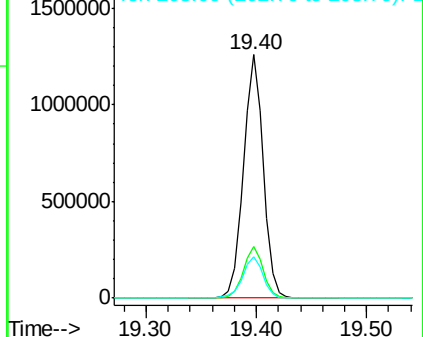
202 100

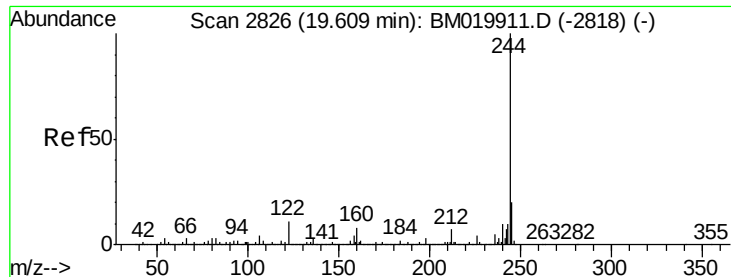
200 21.1 17.0 25.4

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: 65.956 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

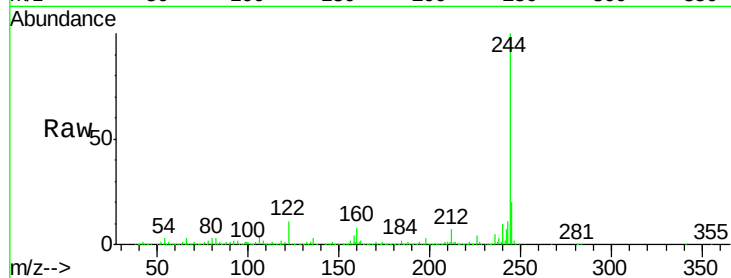
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 2762996

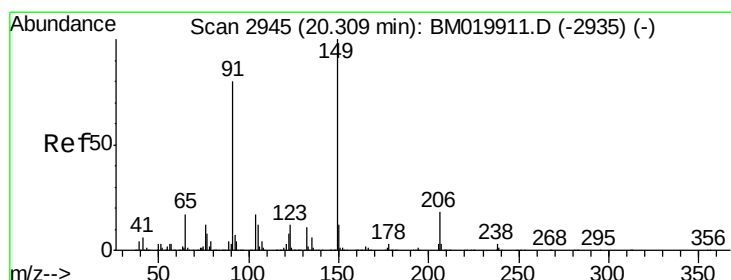
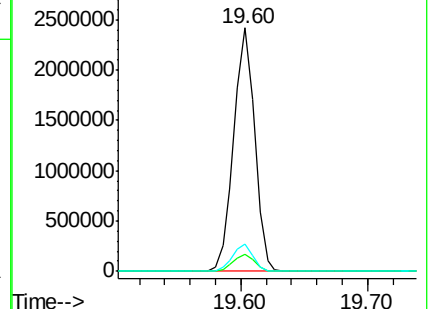
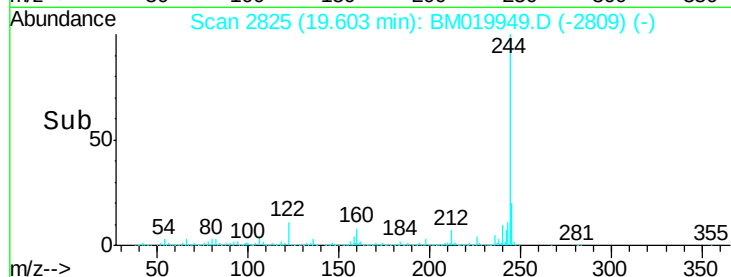
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.0	9.1	13.7



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: 32.930 ng

RT: 20.30 min Scan# 2944

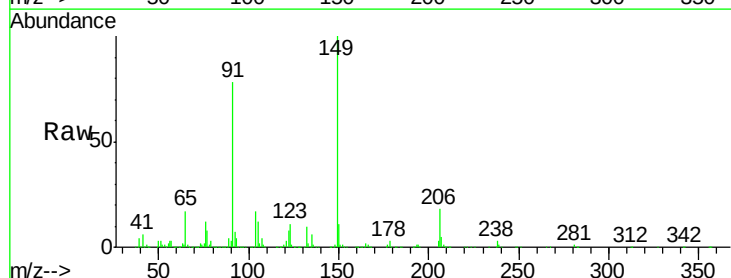
Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Tgt Ion:149 Resp: 781196

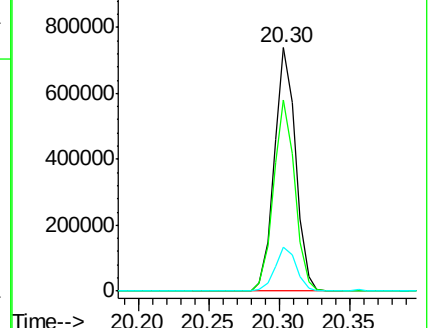
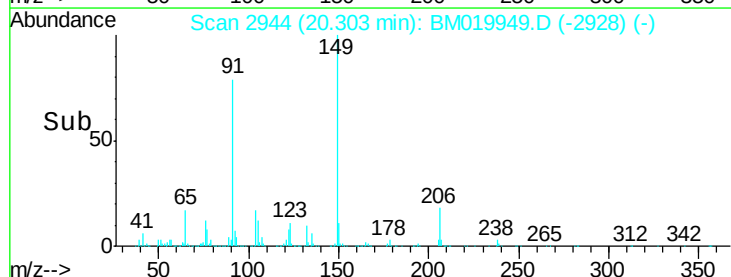
Ion	Ratio	Lower	Upper
149	100		
91	78.5	63.7	95.5
206	18.3	14.6	21.8

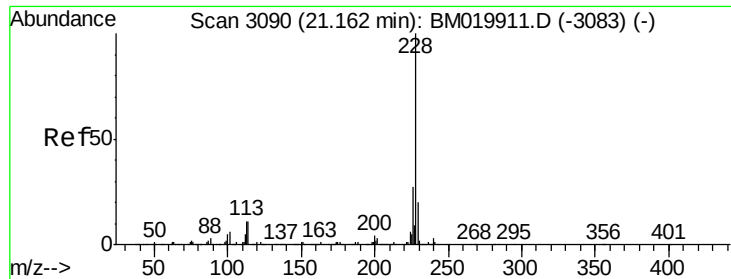


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 29.276 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

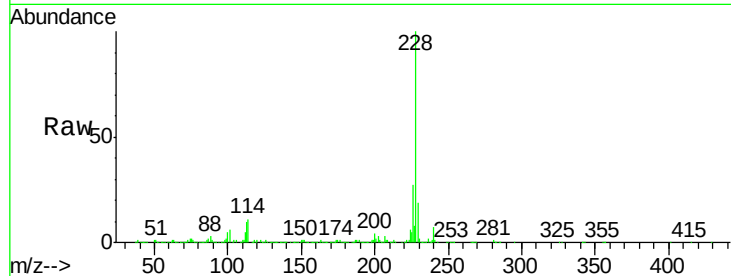
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1370316

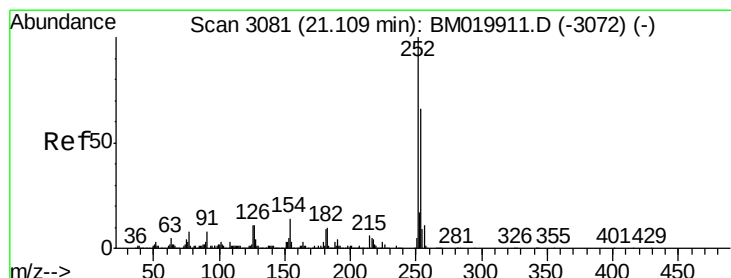
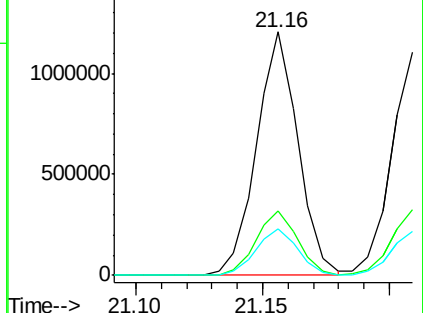
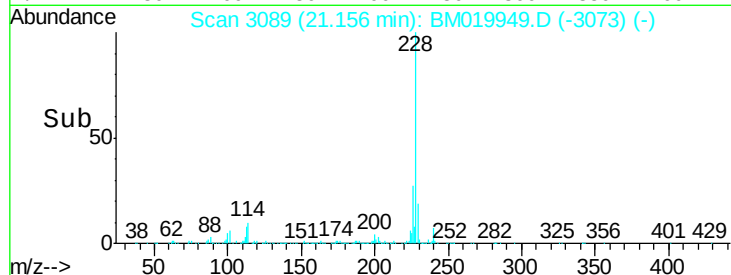
Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.6
229	19.2	15.9	23.9



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: 16.042 ng

RT: 21.10 min Scan# 3080

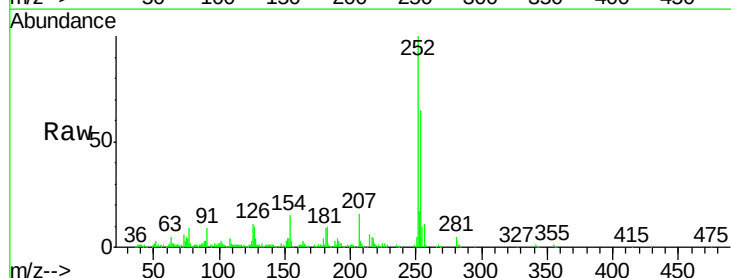
Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Tgt Ion:252 Resp: 279368

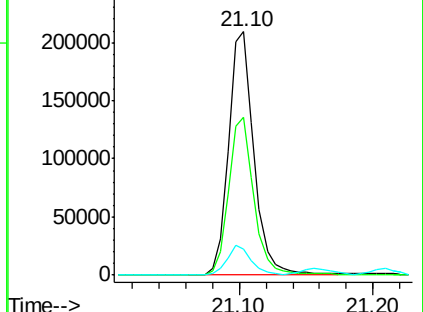
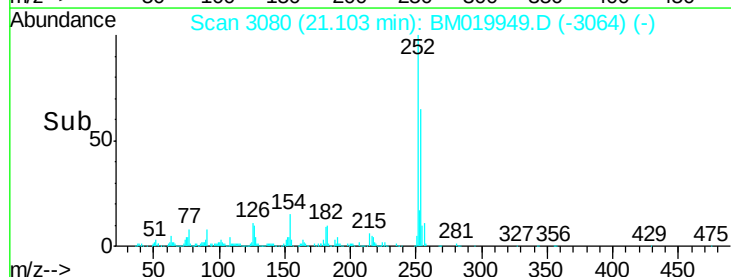
Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.6	78.8
126	10.5	8.6	12.8

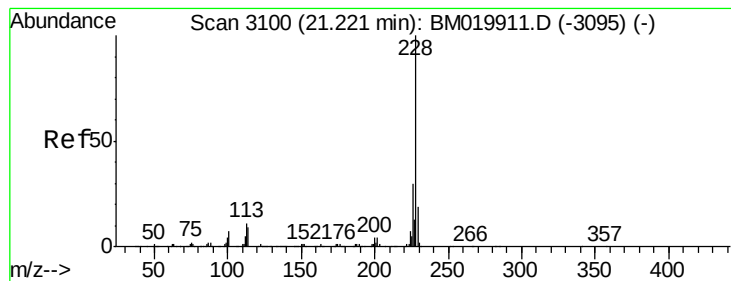


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 29.949 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :

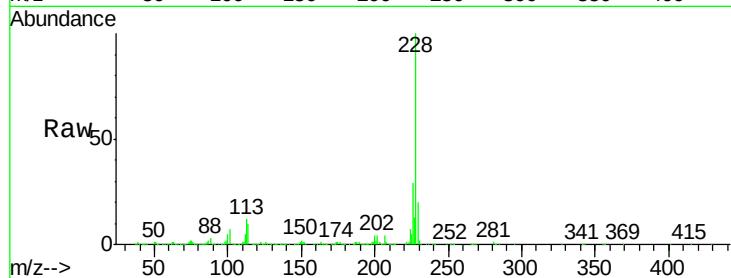
Tot Ion:228 Resp: 1344335

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

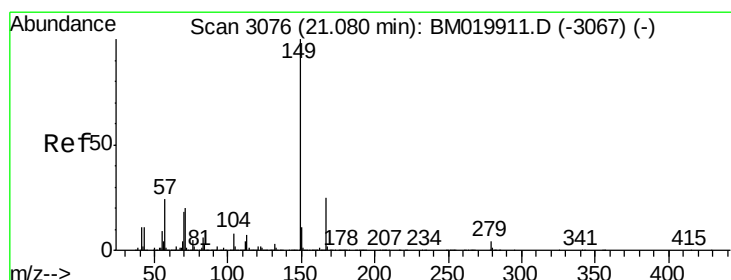
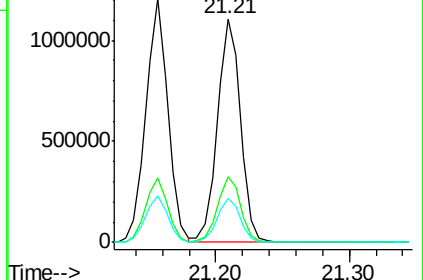
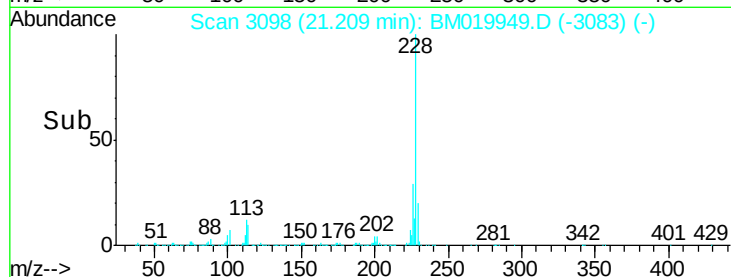
229 19.9 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.375 ng

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

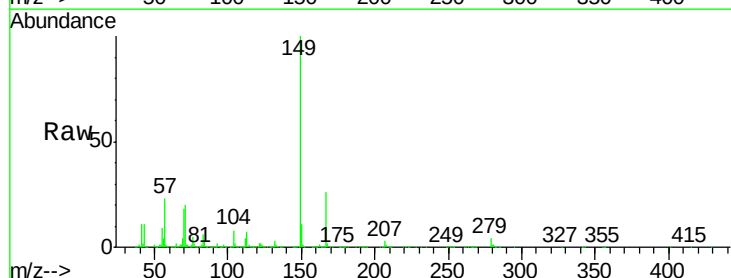
Tgt Ion:149 Resp: 1143408

Ion Ratio Lower Upper

149 100

167 26.2 20.3 30.5

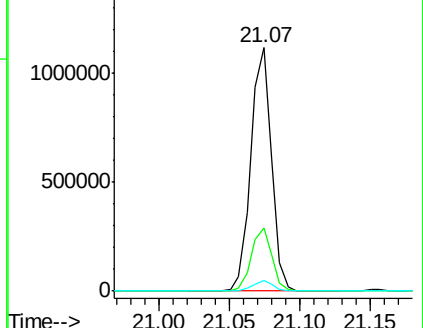
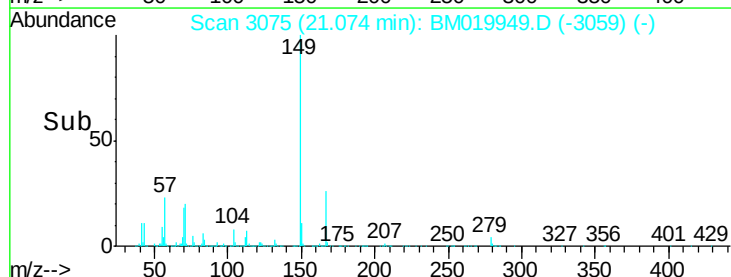
279 4.3 3.4 5.2

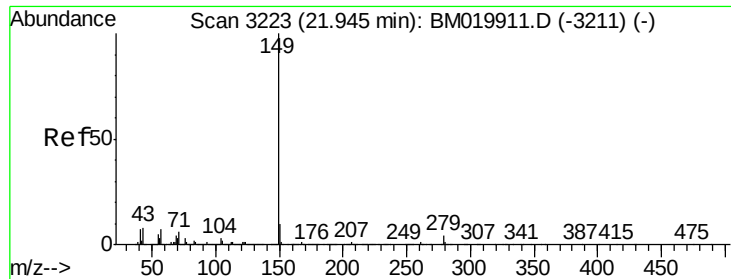


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 32.050 ng

RT: 21.94 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Instrument :

BNA_M

ClientSampleId :

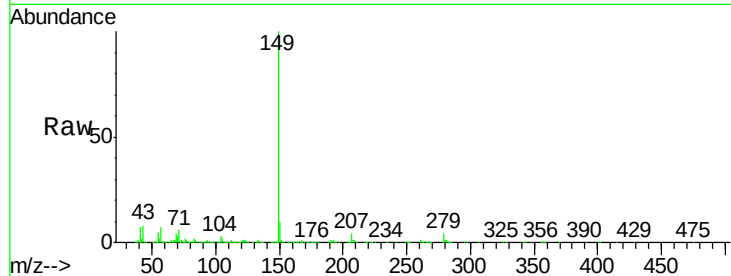
Tot Ion:149 Resp: 1836701

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

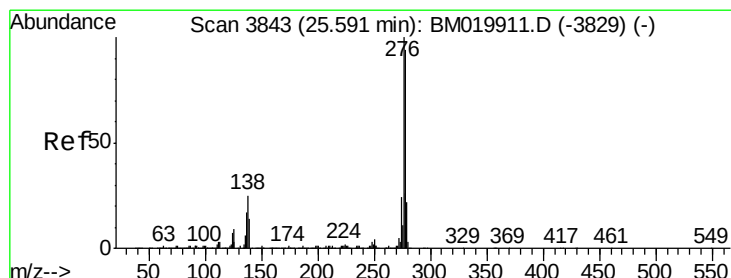
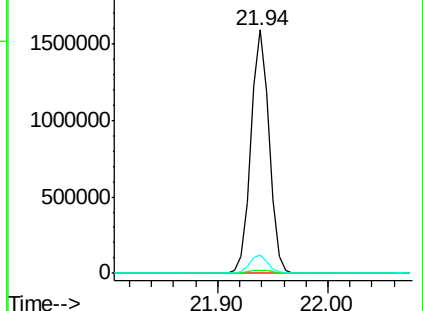
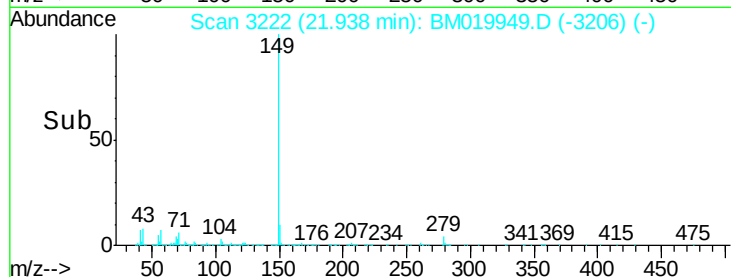
43 7.7 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.689 ng

RT: 25.57 min Scan# 3839

Delta R.T. -0.02 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

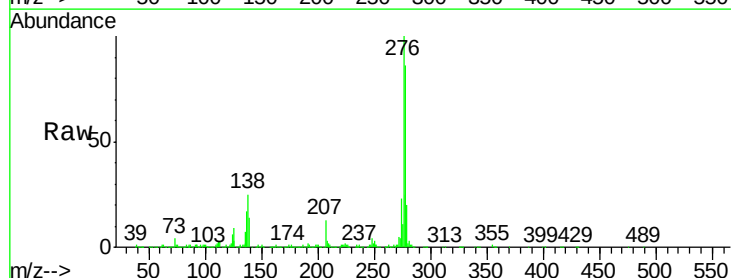
Tgt Ion:276 Resp: 1885053

Ion Ratio Lower Upper

276 100

138 24.2 19.0 28.6

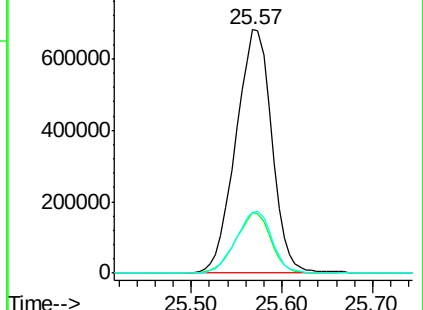
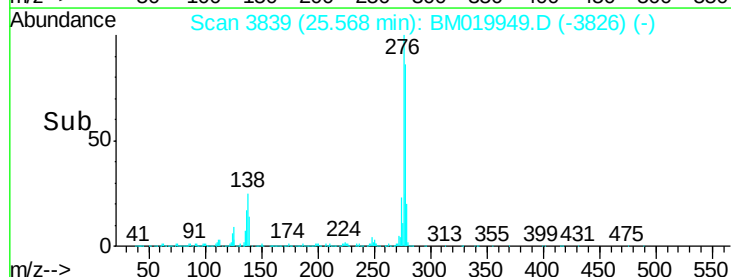
277 25.4 20.3 30.5

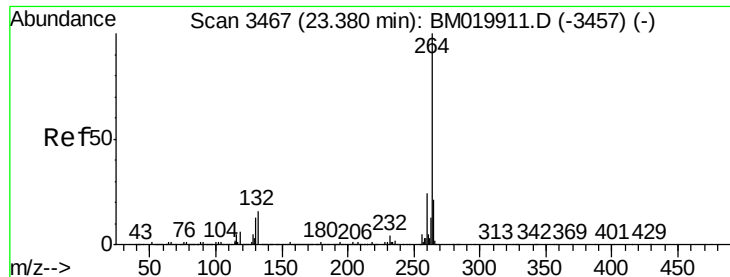


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



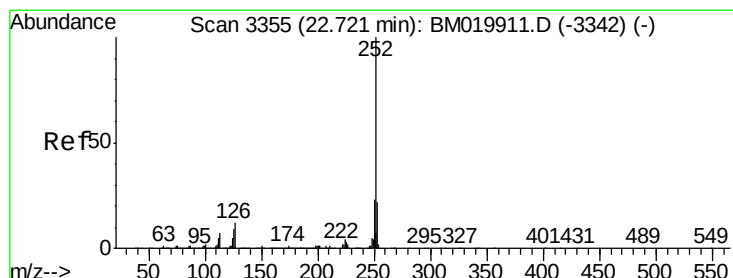
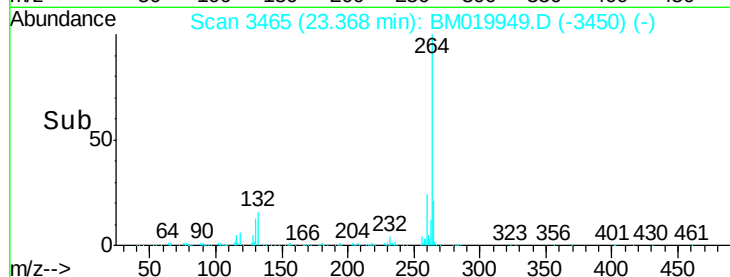
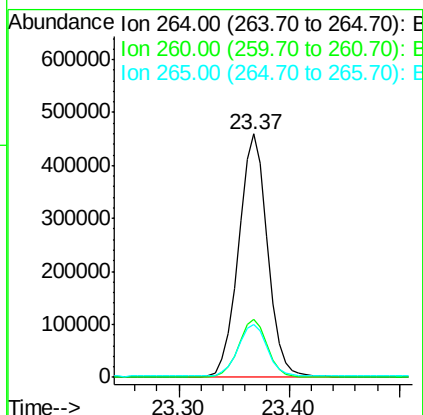
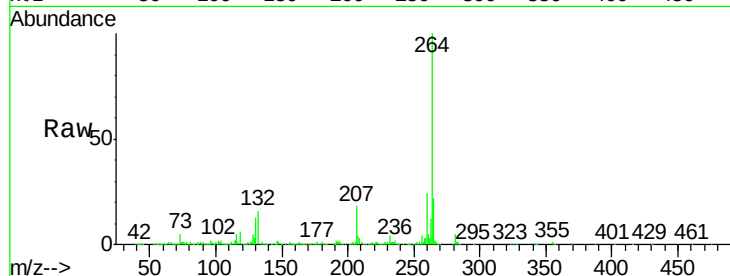


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 847843

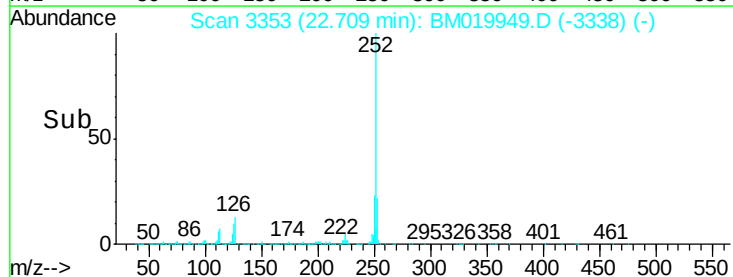
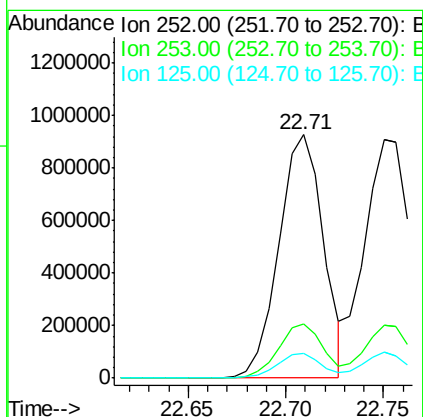
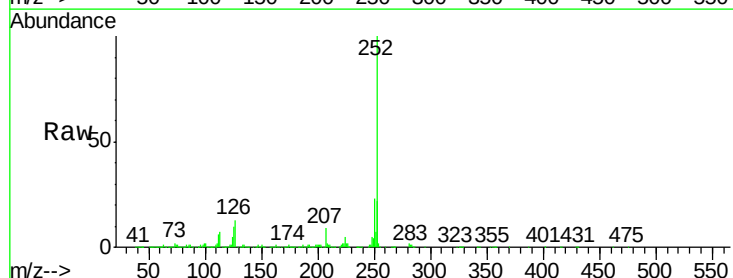
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	17.2	25.8

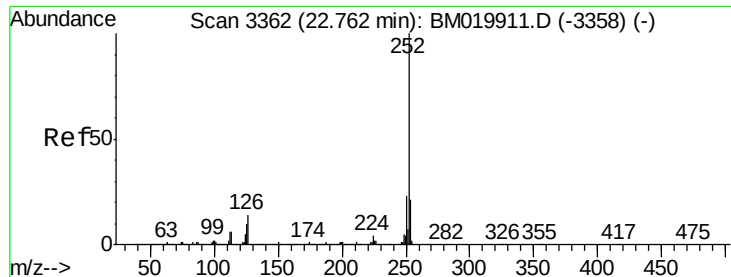


#88
Benzo(b)fluoranthene
Concen: 25.990 ng
RT: 22.71 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Tgt Ion:252 Resp: 1463189

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.3	7.6	11.4

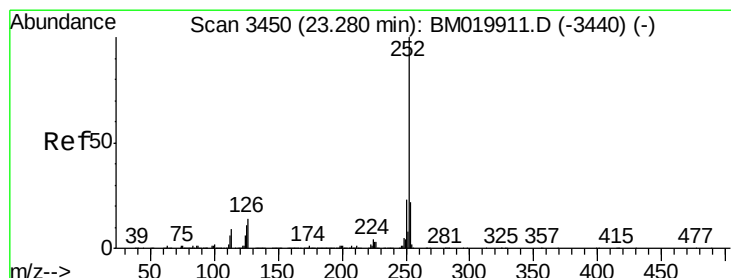
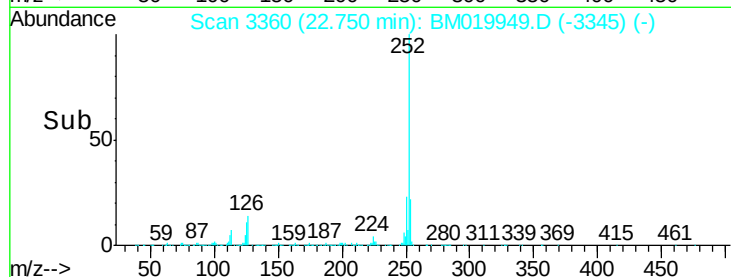
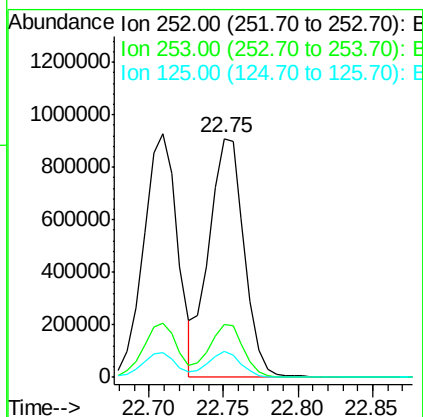
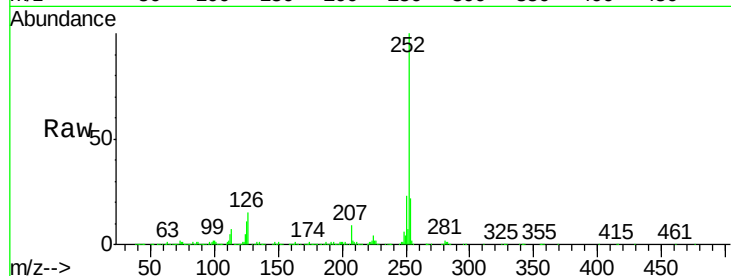




#89
Benzo(k)fluoranthene
Concen: 28.166 ng
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

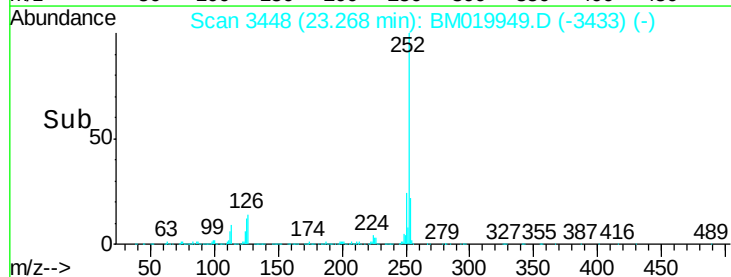
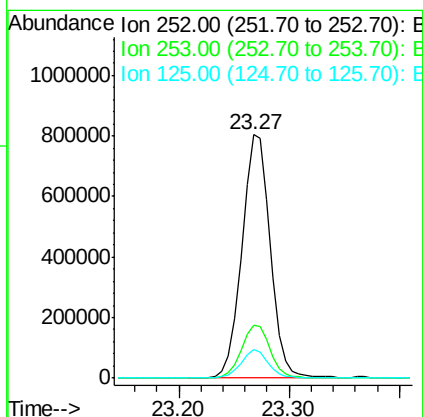
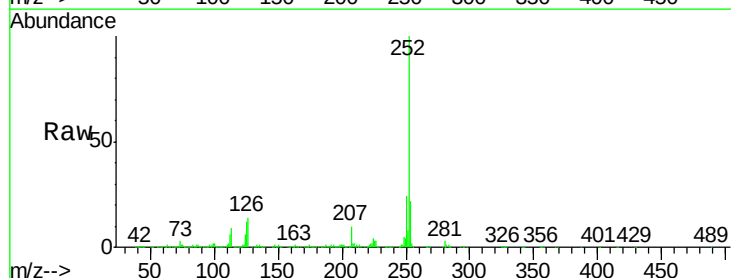
Instrument :
BNA_M
ClientSampleId :

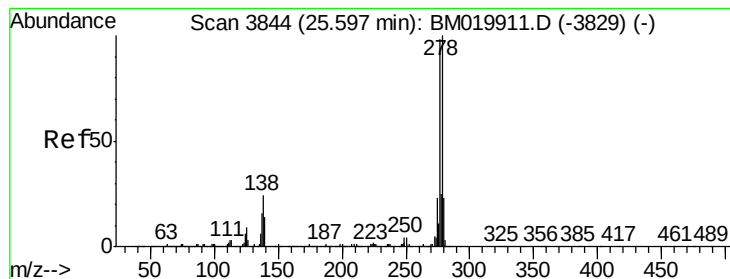
Tot Ion:252 Resp: 1492828
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 10.6 8.2 12.4



#90
Benzo(a)pyrene
Concen: 28.990 ng
RT: 23.27 min Scan# 3448
Delta R.T. -0.01 min
Lab File: BM019949.D
Acq: 17 Apr 2019 21:41

Tgt Ion:252 Resp: 1446092
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 11.7 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 33.279 ng

RT: 25.57 min Scan# 3840

Delta R.T. -0.02 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

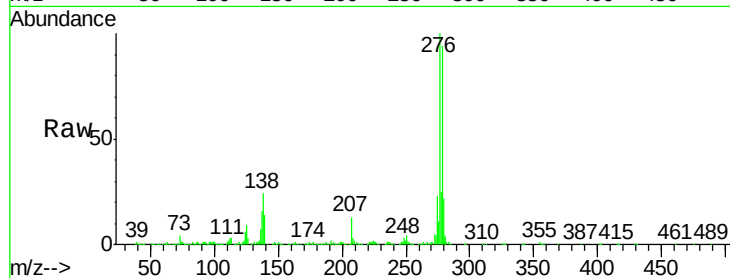
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 1600506

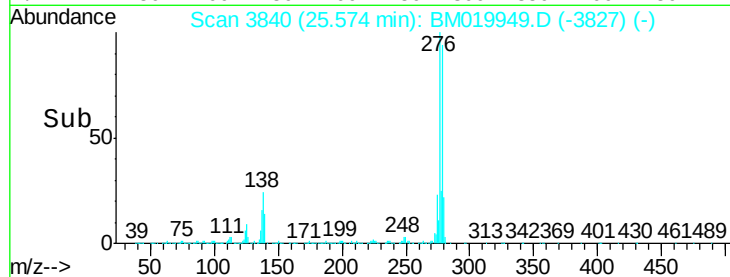
Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.6	17.4
279	23.9	18.4	27.6



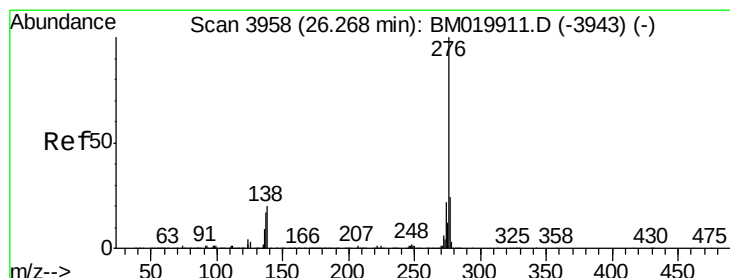
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 34.762 ng

RT: 26.25 min Scan# 3955

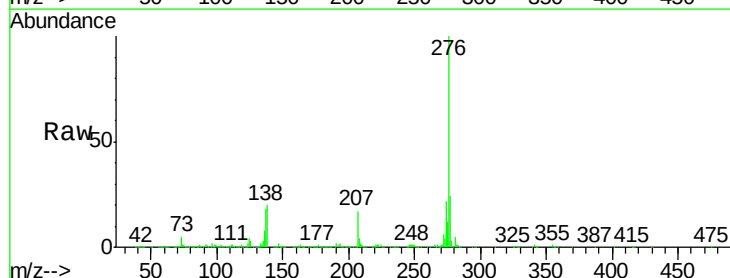
Delta R.T. -0.02 min

Lab File: BM019949.D

Acq: 17 Apr 2019 21:41

Tgt Ion:276 Resp: 1514257

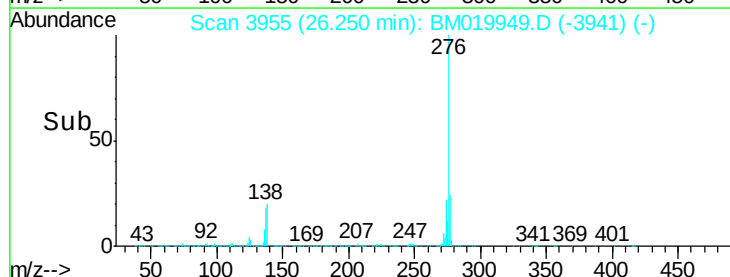
Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	20.1	16.2	24.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->