

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109648.D
 Acq On : 8 Oct 2018 15:18
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Oct 08 15:58:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 15:55:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	103316	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	425611	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	195858	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	364839	20.00	ng	0.00
75) Chrysene-d12	13.84	240	232577	20.00	ng	0.00
86) Perylene-d12	15.23	264	194950	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	990237	85.06	ng	0.00
7) Phenol-d6	6.37	99	1178859	75.81	ng	0.01
23) Nitrobenzene-d5	7.28	82	1189439	77.03	ng	0.01
41) 2,4,6-Tribromophenol	10.53	330	318328	74.58	ng	0.01
44) 2-Fluorobiphenyl	9.06	172	1983943	69.75	ng	0.00
78) Terphenyl-d14	12.79	244	1830839	76.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	250561	82.023	ng	100
3) Pyridine	3.09	79	527007	84.387	ng	98
6) Aniline	6.38	93	714110	78.840	ng	91
8) 2-Chlorophenol	6.50	128	546067	76.283	ng	97
9) Benzaldehyde	6.25	77	350187	69.987	ng	99
10) Phenol	6.39	94	669346	75.072	ng	84
11) bis(2-Chloroethyl)ether	6.45	93	528782	71.536	ng	99
12) 1,3-Dichlorobenzene	6.65	146	631101	77.082	ng	98
13) 1,4-Dichlorobenzene	6.72	146	661672	74.138	ng	98
14) 1,2-Dichlorobenzene	6.87	146	554570	70.754	ng	99
15) Benzyl Alcohol	6.86	79	446935	77.533	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	720812	73.541	ng	90
17) 2-Methylphenol	6.98	107	431102	76.155	ng	99
18) Hexachloroethane	7.21	117	236270	74.896	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	402435	73.803	ng	99
20) 3+4-Methylphenols	7.14	107	517290	74.159	ng	93
22) Acetophenone	7.13	105	788694	76.631	ng	# 96
24) Nitrobenzene	7.30	77	619800	77.145	ng	98
25) Isophorone	7.54	82	1016631	79.292	ng	98
26) 2-Nitrophenol	7.60	139	303436	80.745	ng	99
27) 2,4-Dimethylphenol	7.66	122	429345	79.117	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	655237	75.554	ng	99
29) 2,4-Dichlorophenol	7.86	162	469950	77.206	ng	100
30) 1,2,4-Trichlorobenzene	7.93	180	507044	75.247	ng	99
31) Naphthalene	8.01	128	1455616	73.952	ng	100
32) Benzoic acid	7.85	122	353364	91.075	ng	98
33) 4-Chloroaniline	8.06	127	655064	75.573	ng	99
34) Hexachlorobutadiene	8.13	225	311520	74.355	ng	99
35) Caprolactam	8.47	113	142147	78.196	ng	96
36) 4-Chloro-3-methylphenol	8.56	107	492142	76.594	ng	100
37) 2-Methylnaphthalene	8.70	142	947683	73.502	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	503208	75.477	ng	99
40) Hexachlorocyclopentadiene	8.85	237	238225	97.916	ng	99
42) 2,4,6-Trichlorophenol	8.98	196	326552	81.934	ng	99

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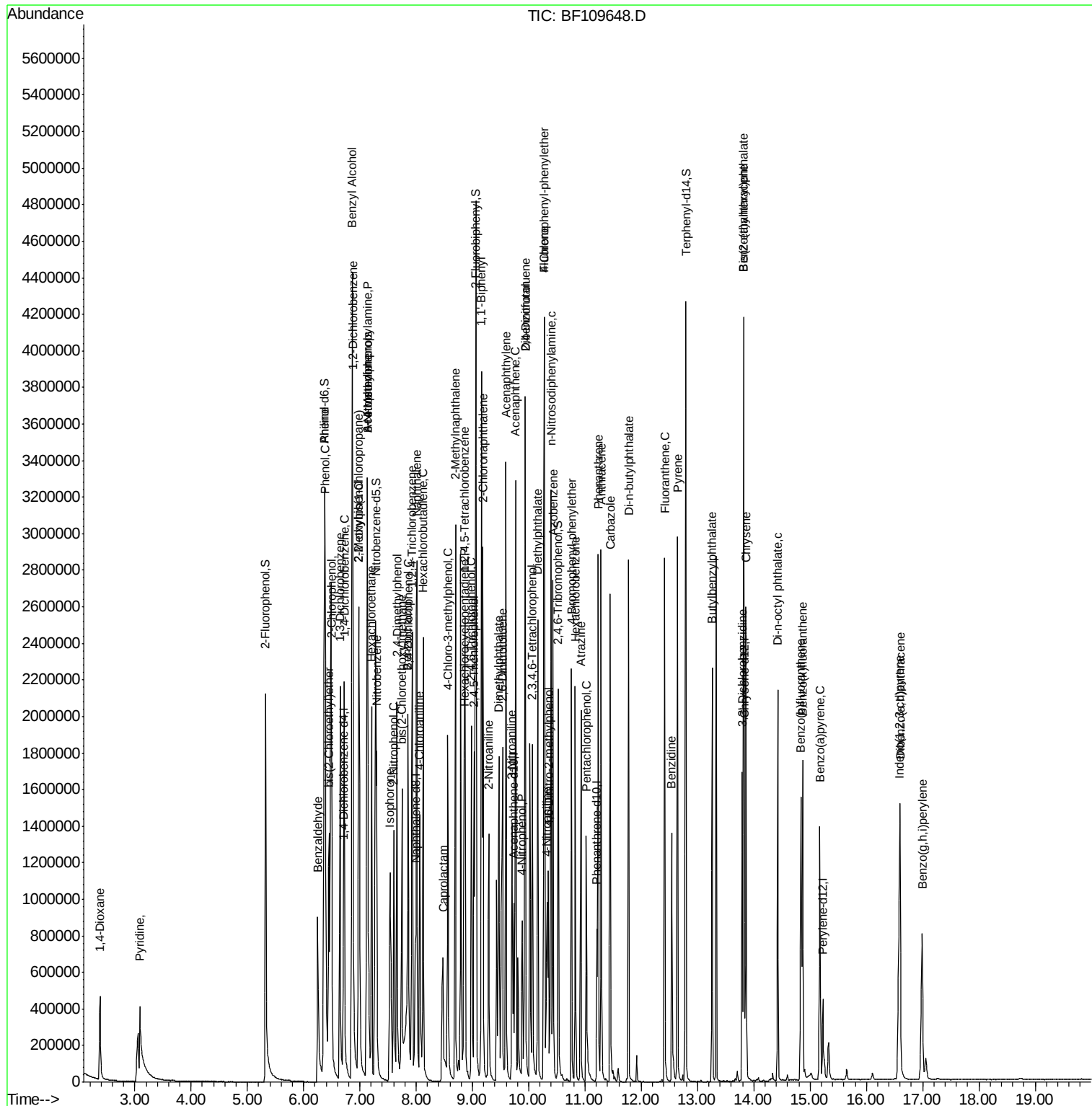
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	347333	75.795	nq	98
45) 1,1'-Biphenyl	9.16	154	1260968	72.068	nq	97
46) 2-Chloronaphthalene	9.19	162	967478	73.805	nq	98
47) 2-Nitroaniline	9.29	65	312693	78.780	nq	99
48) Acenaphthylene	9.60	152	1354326	70.868	nq	98
49) Dimethylphthalate	9.47	163	1097730	76.421	nq	100
50) 2,6-Dinitrotoluene	9.53	165	239237	76.833	nq	98
51) Acenaphthene	9.77	154	831408	73.389	nq	100
52) 3-Nitroaniline	9.70	138	269752	77.285	nq	99
54) Dibenzofuran	9.94	168	1186326	69.860	nq	100
55) 4-Nitrophenol	9.88	139	171460	89.746	nq	98
56) 2,4-Dinitrotoluene	9.94	165	282580	72.722	nq	91
57) Fluorene	10.28	166	880644	69.443	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	275591	73.982	nq	97
59) Diethylphthalate	10.16	149	1044586	73.395	nq	100
60) 4-Chlorophenyl-phenylether	10.27	204	460430	68.821	nq	98
61) 4-Nitroaniline	10.33	138	248232	76.795	nq	98
62) Azobenzene	10.43	77	1054895	72.989	nq	99
64) 4,6-Dinitro-2-methylphenol	10.35	198	151925	85.555	nq	96
65) n-Nitrosodiphenylamine	10.40	169	897676	72.580	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	315012	75.145	nq	98
67) Hexachlorobenzene	10.83	284	332774	73.308	nq	98
68) Atrazine	10.93	200	282655	73.229	nq	98
69) Pentachlorophenol	11.03	266	220081	86.160	nq	99
70) Phenanthrene	11.24	178	1318723	72.227	nq	98
71) Anthracene	11.29	178	1362188	72.174	nq	99
72) Carbazole	11.44	167	1320235	72.123	nq	98
73) Di-n-butylphthalate	11.77	149	1502282	70.759	nq	100
74) Fluoranthene	12.42	202	1365416	71.586	nq	99
76) Benzidine	12.54	184	598021	69.218	nq	96
77) Pyrene	12.64	202	1368521	80.312	nq	99
79) Butylbenzylphthalate	13.26	149	602595	81.566	nq	96
80) Benzo(a)anthracene	13.83	228	958606	74.690	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	358784	69.425	nq	99
82) Chrysene	13.86	228	1014599	75.260	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	691762	76.748	nq	97
84) Di-n-octyl phthalate	14.43	149	1075201	75.469	nq	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	868311	89.987	nq	100
87) Benzo(b)fluoranthene	14.84	252	794928	73.787	nq	99
88) Benzo(k)fluoranthene	14.87	252	796501	73.583	nq	99
89) Benzo(a)pyrene	15.17	252	747807	76.490	nq	100
90) Dibenzo(a,h)anthracene	16.60	278	710858	88.534	nq	99
91) Benzo(g,h,i)perylene	16.99	276	746738	93.134	nq	99

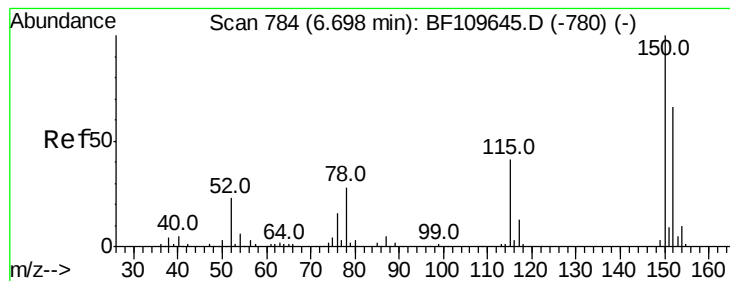
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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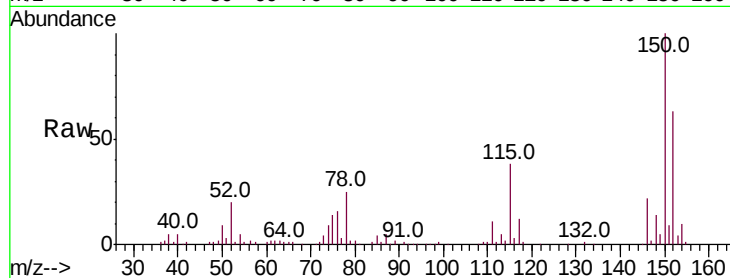


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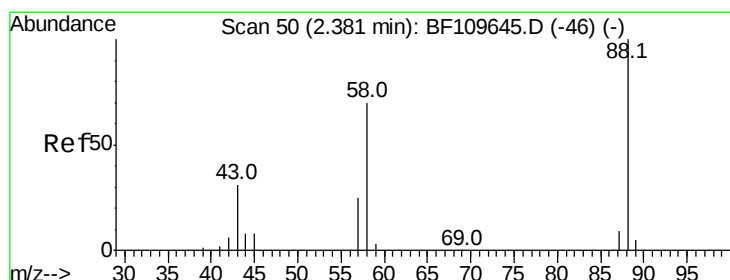
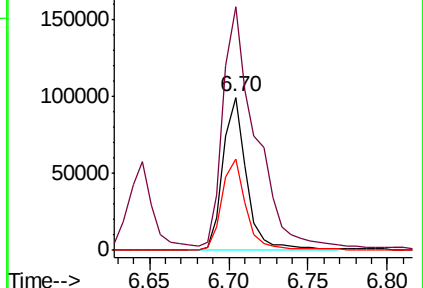
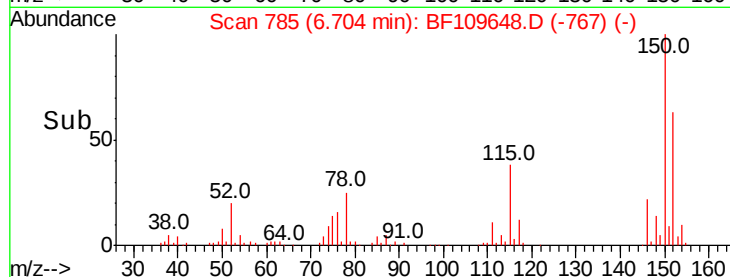
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:152 Resp: 103316
 Ion Ratio Lower Upper
 152 100
 150 159.4 122.7 184.1
 115 60.2 49.1 73.7



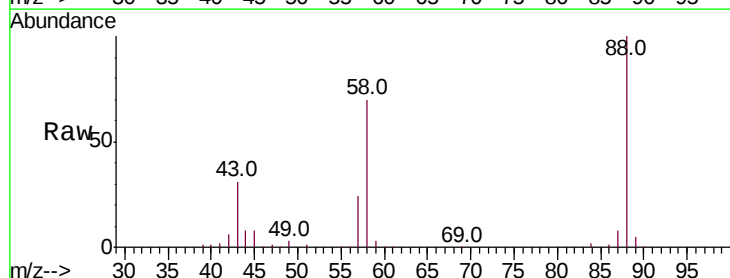
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



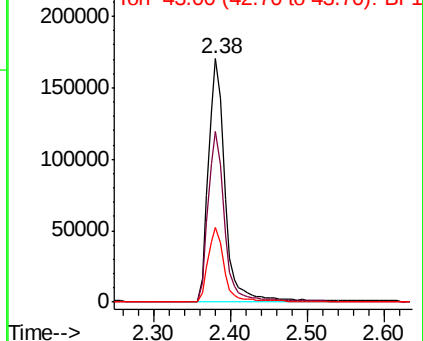
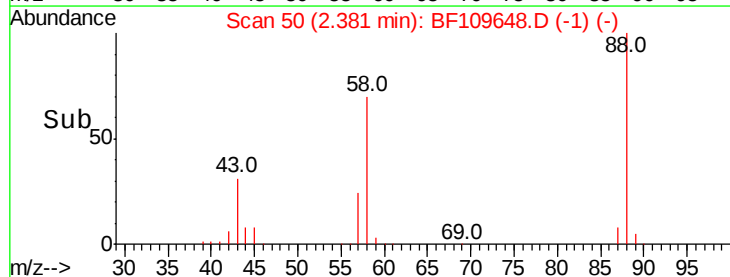
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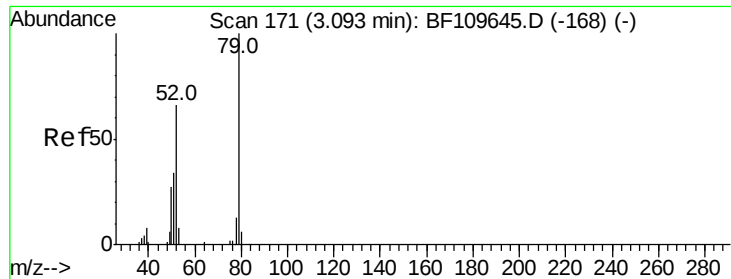
1,4-Dioxane
 Concen: 82.023 ng
 RT: 2.38 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Tgt Ion: 88 Resp: 250561
 Ion Ratio Lower Upper
 88 100
 58 71.3 57.1 85.7
 43 30.8 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 84.387 ng

RT: 3.09 min Scan# 170

Delta R.T. -0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

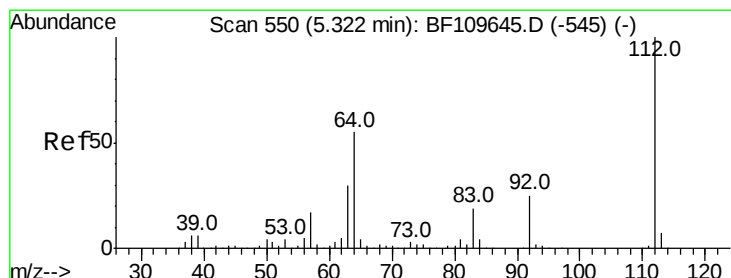
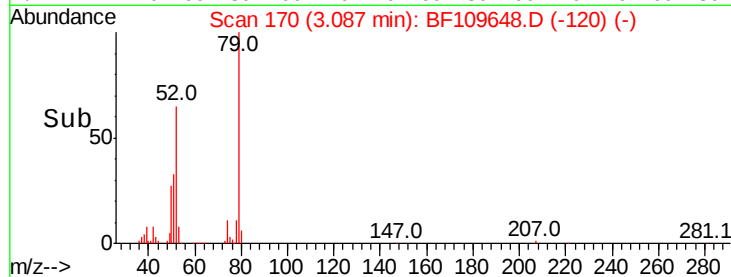
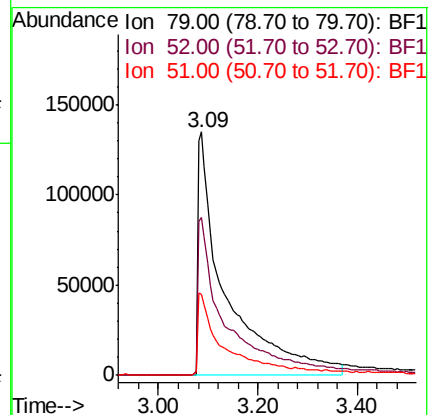
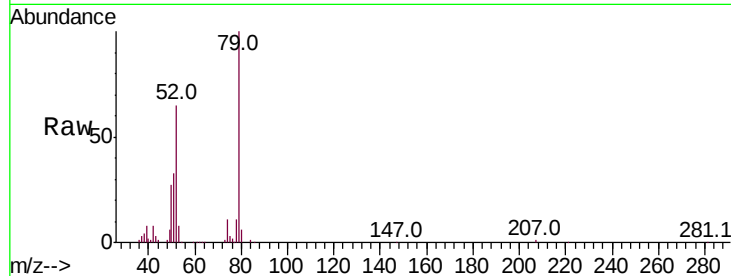
Tot Ion: 79 Resp: 527007

Ion Ratio Lower Upper

79 100

52 64.6 53.1 79.7

51 33.4 27.4 41.2



#5

2-Fluorophenol

Concen: 85.064 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

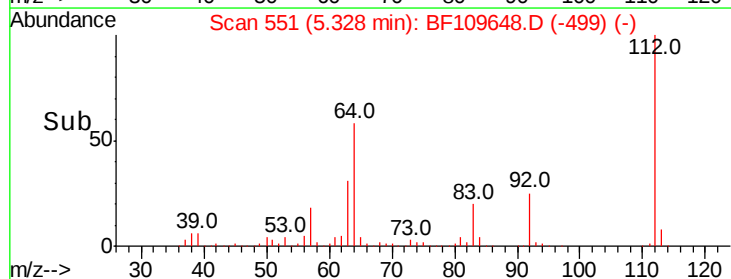
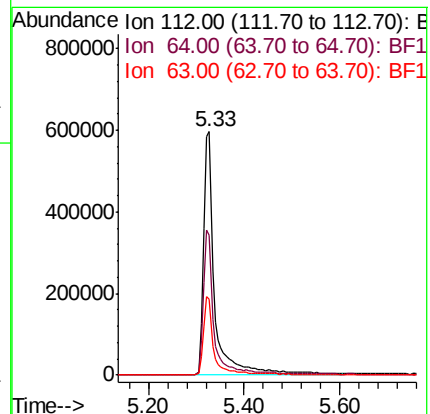
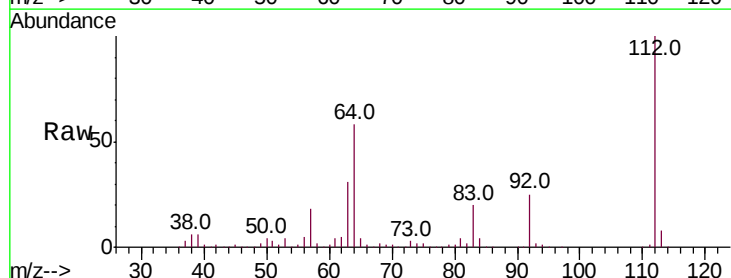
Tgt Ion: 112 Resp: 990237

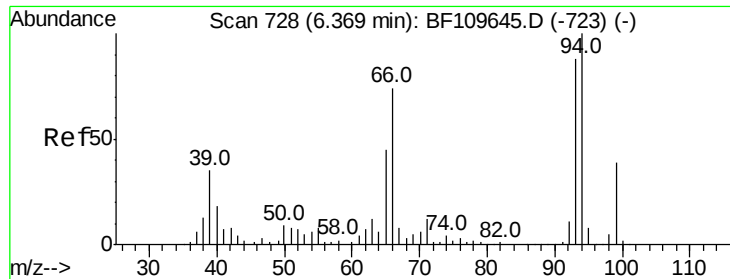
Ion Ratio Lower Upper

112 100

64 57.7 44.1 66.1

63 31.1 23.7 35.5





#6

Aniline

Concen: 78.840 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

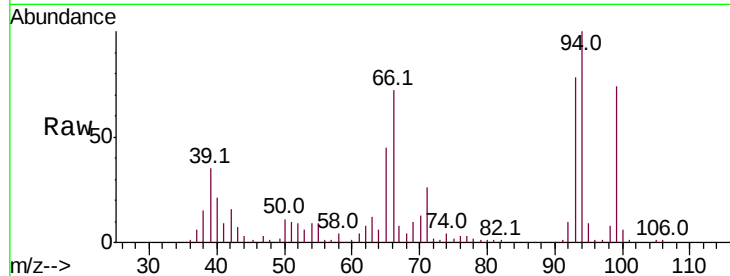
Tot Ion: 93 Resp: 714110

Ion Ratio Lower Upper

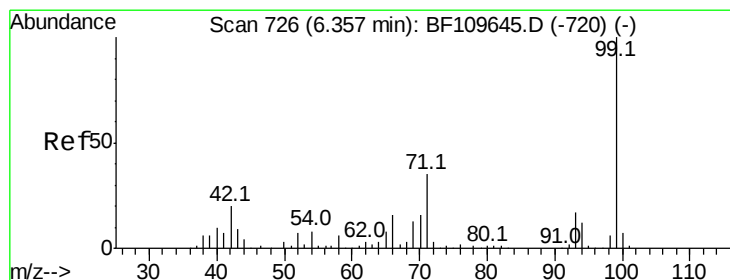
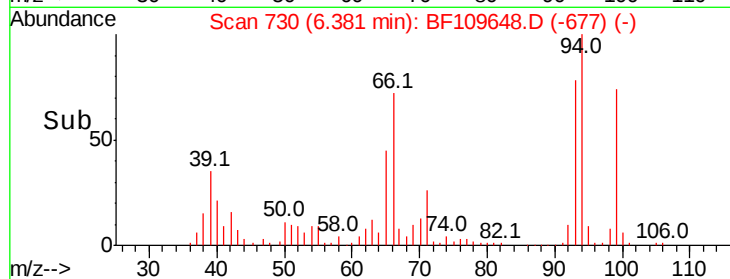
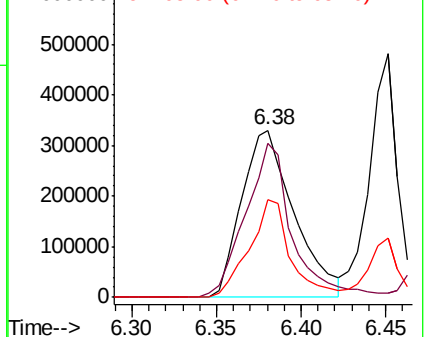
93 100

66 92.0 67.4 101.0

65 58.2 41.0 61.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 75.805 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

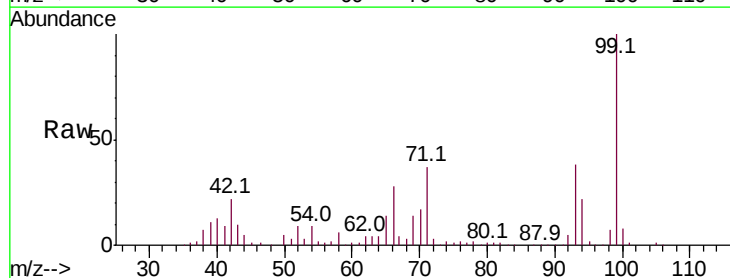
Tgt Ion: 99 Resp: 1178859

Ion Ratio Lower Upper

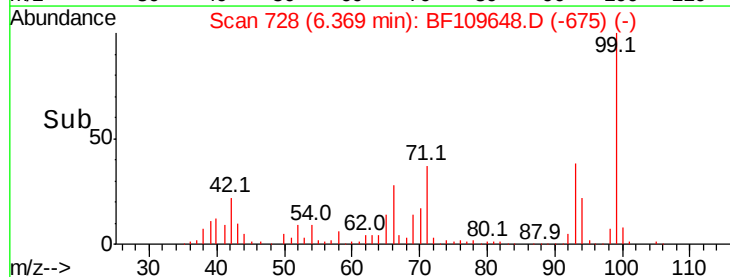
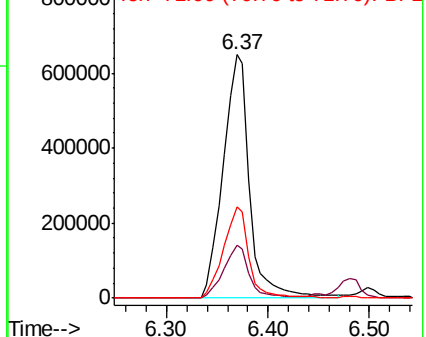
99 100

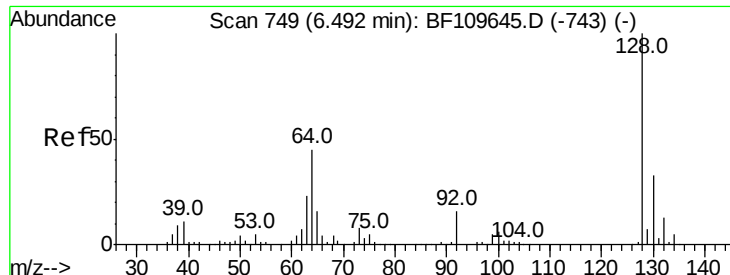
42 21.7 15.8 23.6

71 37.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

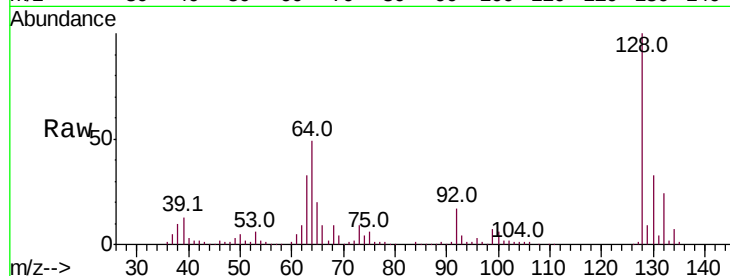




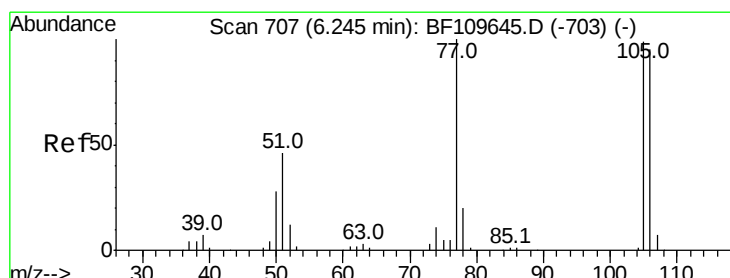
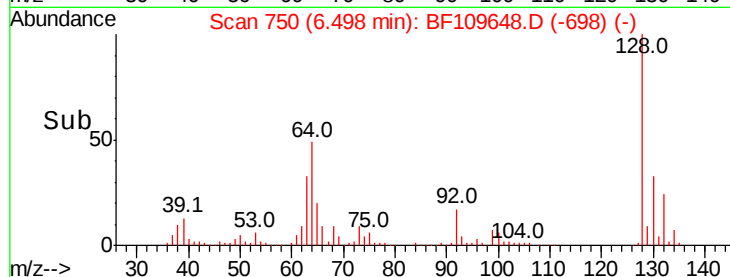
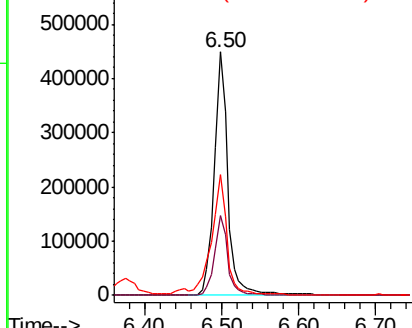
#8
2-Chlorophenol
Concen: 76.283 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF109648.D
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Tot Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.1	53.1
64	49.5	26.0	66.0

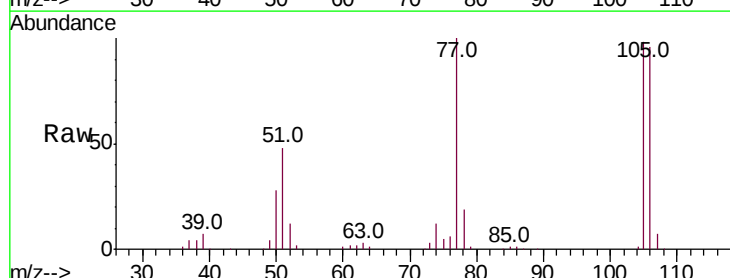


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

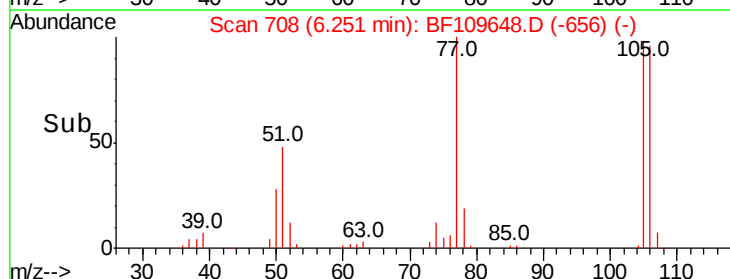
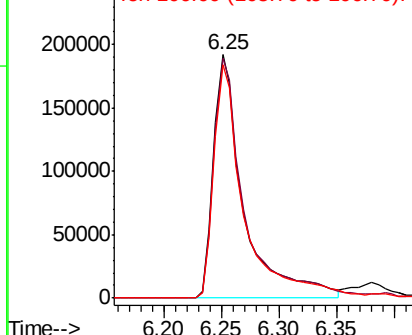


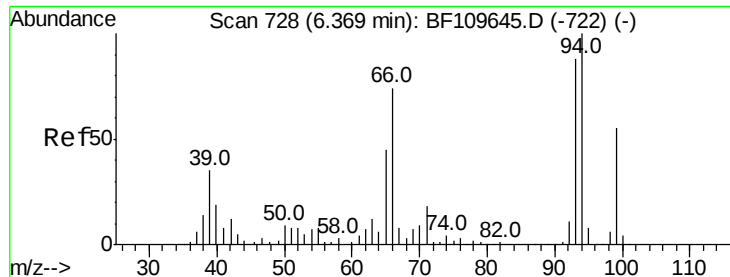
#9
Benzaldehyde
Concen: 69.987 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt Ion	Ratio	Lower	Upper
77	100		
105	98.3	78.6	118.6
106	95.9	74.8	114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 75.072 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

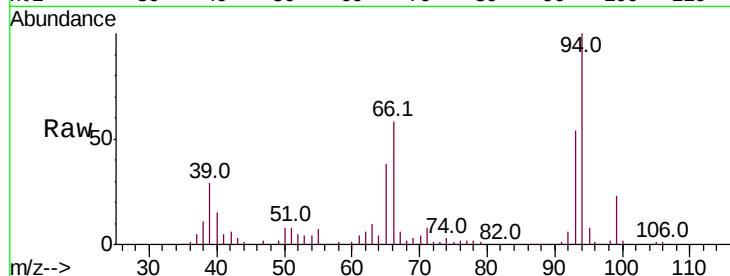
Tot Ion: 94 Resp: 669346

Ion Ratio Lower Upper

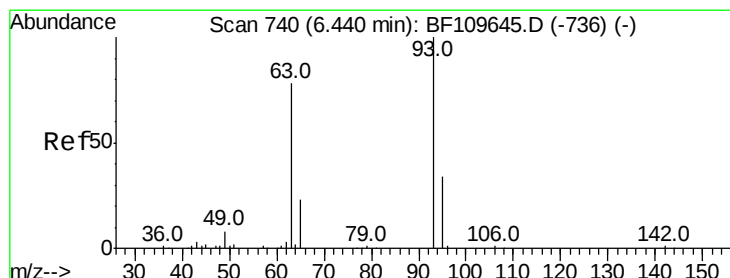
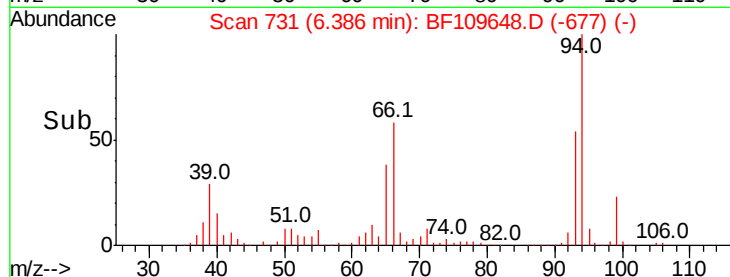
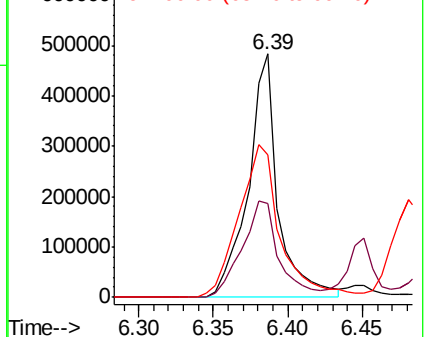
94 100

65 38.5 25.3 65.3

66 58.3 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 71.536 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

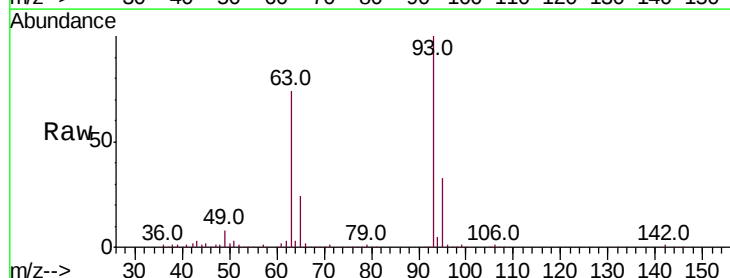
Tgt Ion: 93 Resp: 528782

Ion Ratio Lower Upper

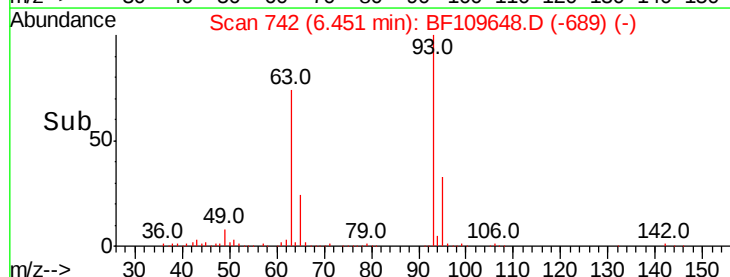
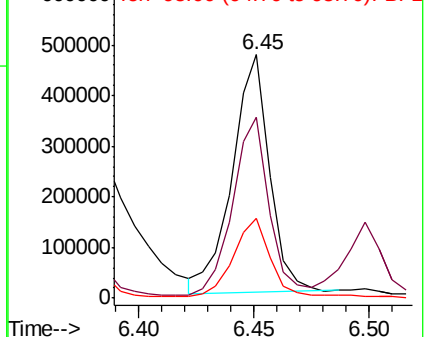
93 100

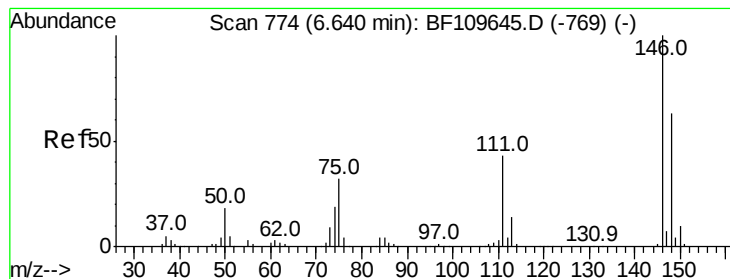
63 74.3 53.4 93.4

95 32.9 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1





#12

1,3-Dichlorobenzene

Concen: 77.082 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

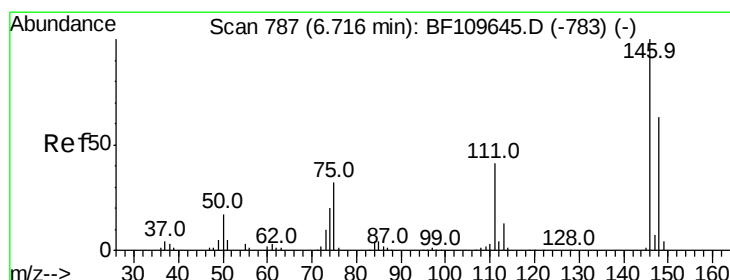
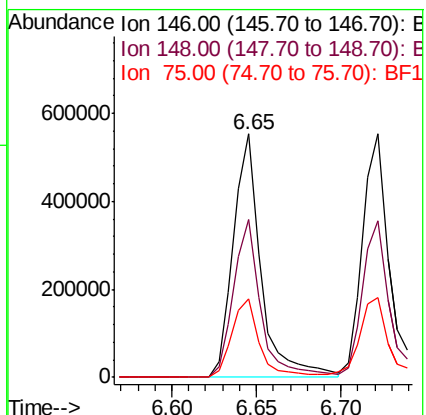
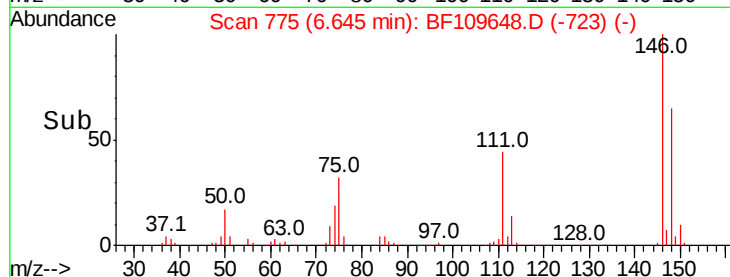
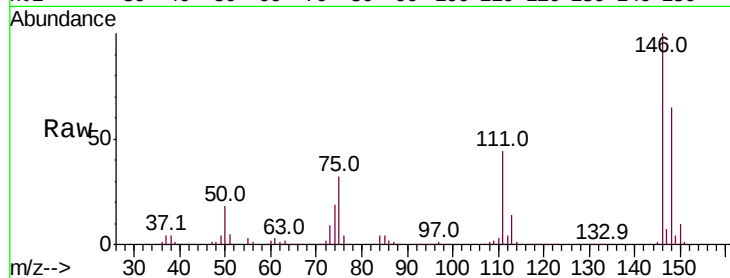
Tot Ion:146 Resp: 631101

Ion Ratio Lower Upper

146 100

148 64.7 50.4 75.6

75 32.4 25.8 38.6



#13

1,4-Dichlorobenzene

Concen: 74.138 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

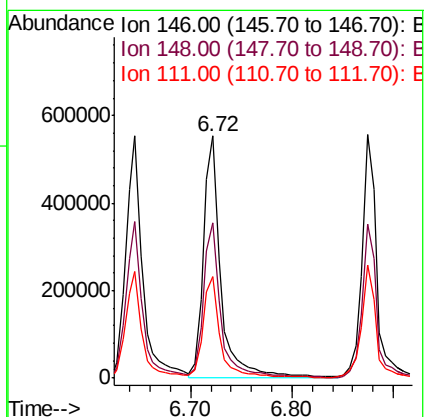
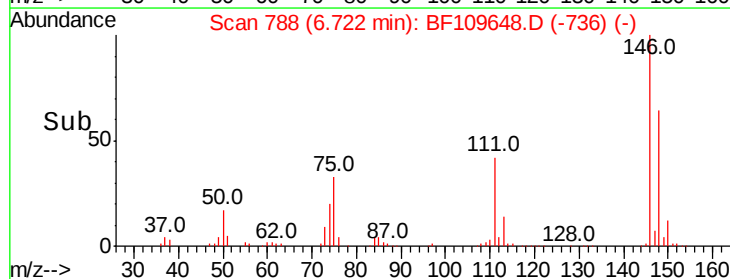
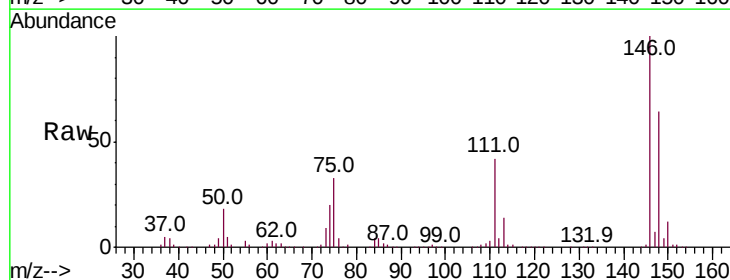
Tgt Ion:146 Resp: 661672

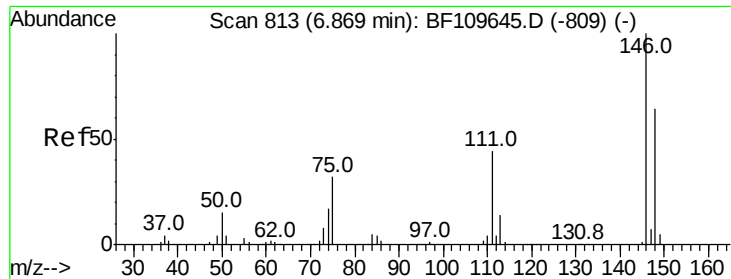
Ion Ratio Lower Upper

146 100

148 64.3 50.3 75.5

111 42.1 32.7 49.1





#14

1,2-Dichlorobenzene

Concen: 70.754 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

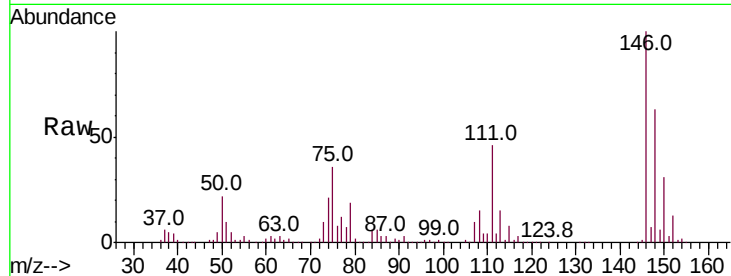
Tot Ion:146 Resp: 554570

Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

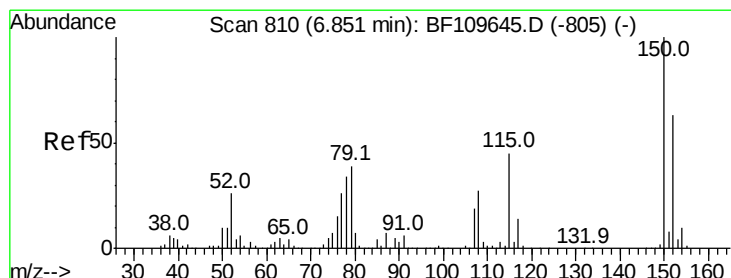
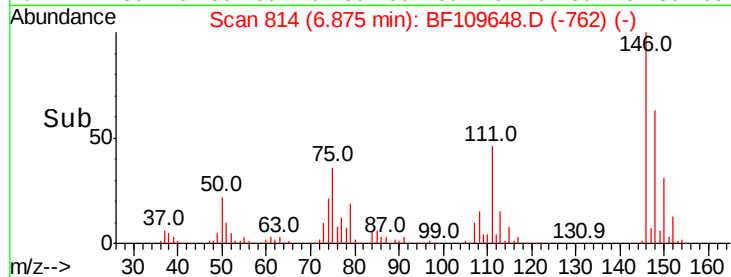
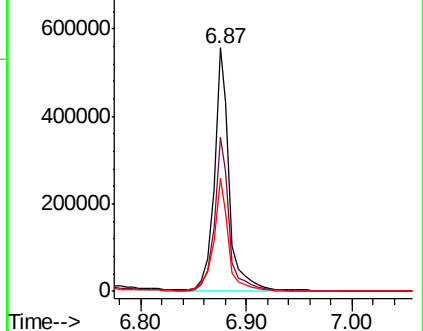
111 46.4 35.8 53.6



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: 77.533 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

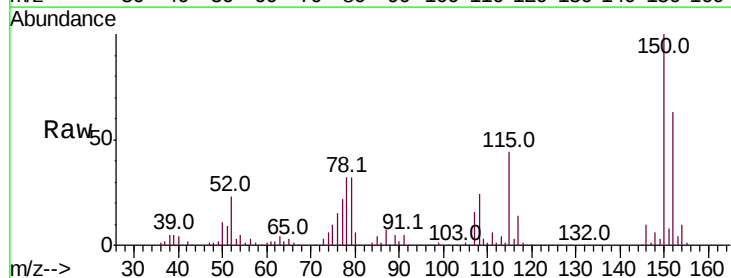
Tgt Ion: 79 Resp: 446935

Ion Ratio Lower Upper

79 100

108 74.2 56.3 84.5

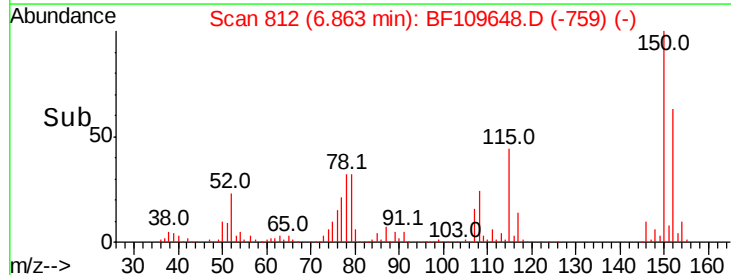
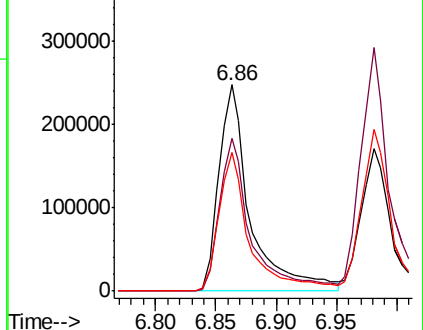
77 67.4 52.9 79.3

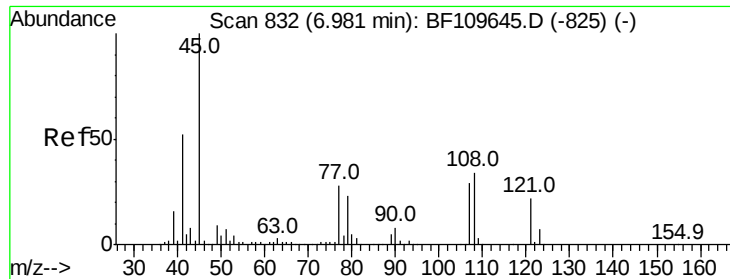


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

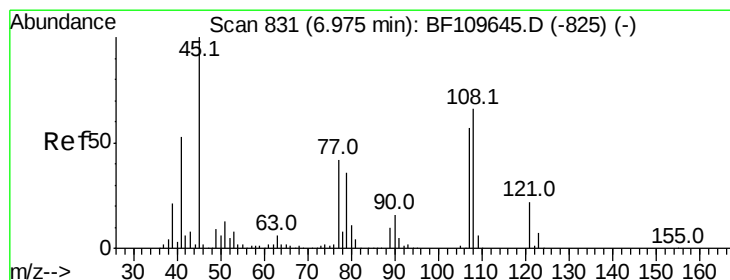
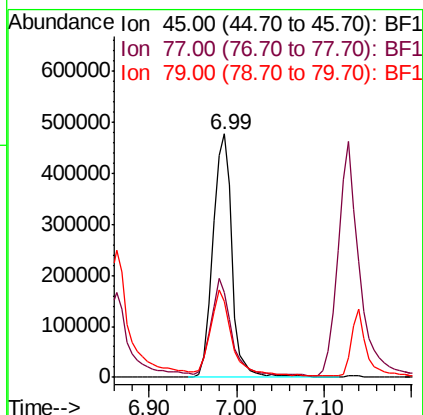
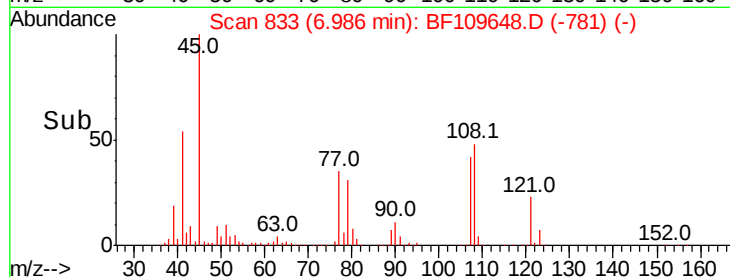
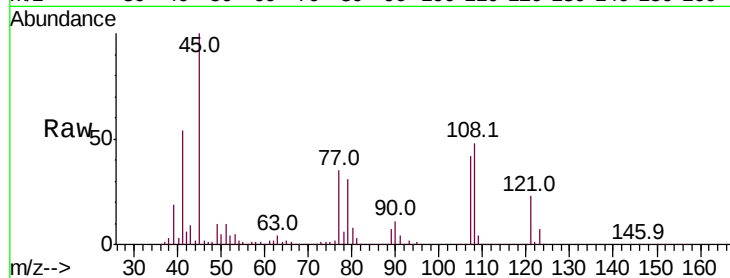




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 73.541 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

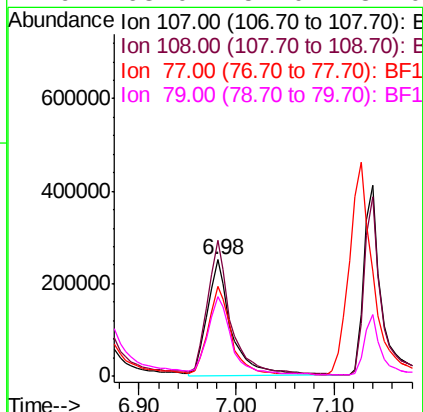
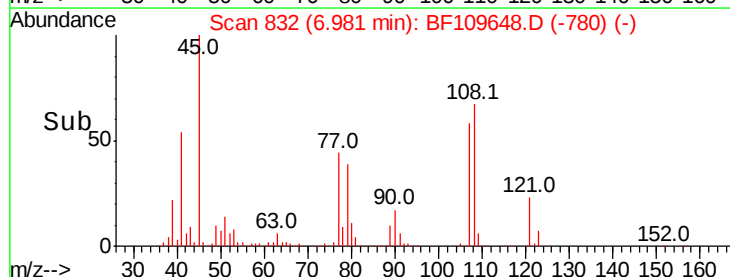
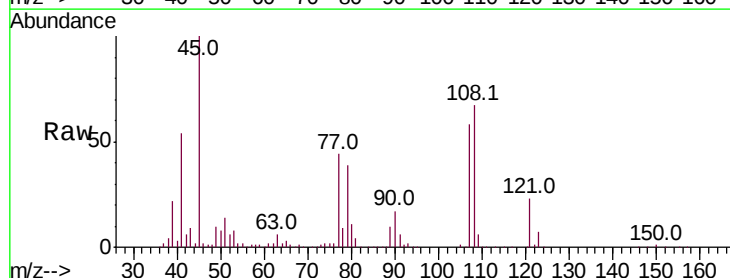
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

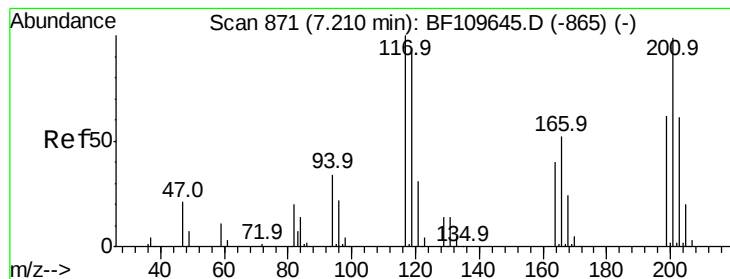
Tot Ion: 45 Resp: 720812
Ion Ratio Lower Upper
45 100
77 35.0 10.0 50.0
79 31.2 6.1 46.1



#17
2-Methylphenol
Concen: 76.155 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt Ion: 107 Resp: 431102
Ion Ratio Lower Upper
107 100
108 116.3 92.6 138.8
77 77.0 59.4 89.2
79 68.0 54.0 81.0





#18

Hexachloroethane

Concen: 74.896 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

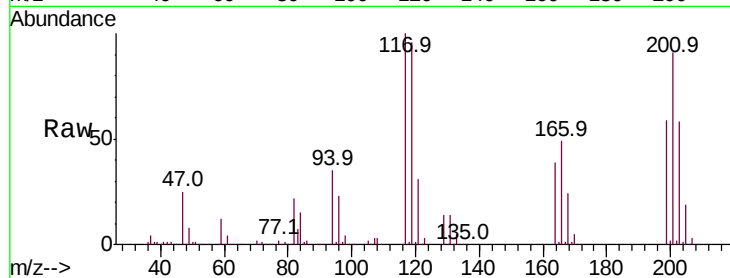
Tot Ion:117 Resp: 236270

Ion Ratio Lower Upper

117 100

119 96.2 75.0 112.6

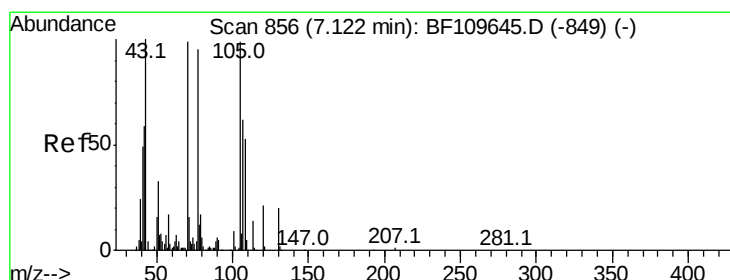
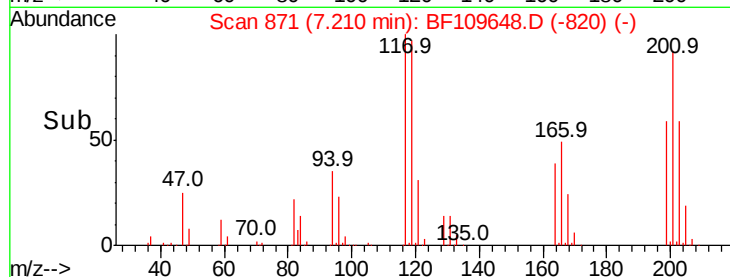
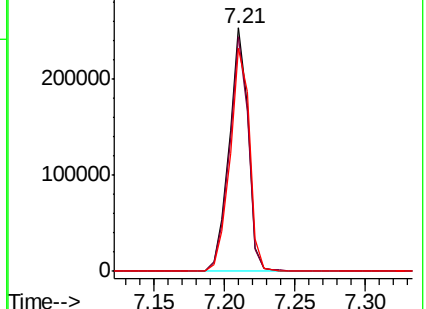
201 91.4 79.2 118.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 73.803 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.02 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Tgt Ion: 70 Resp: 402435

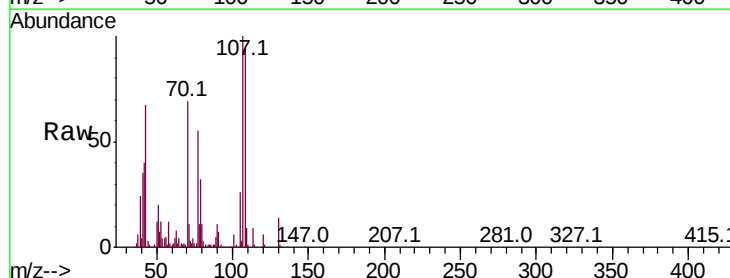
Ion Ratio Lower Upper

70 100

42 58.2 47.4 71.2

101 9.3 7.3 10.9

130 20.3 16.2 24.2

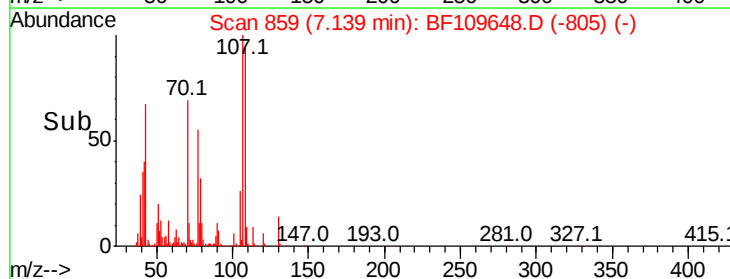
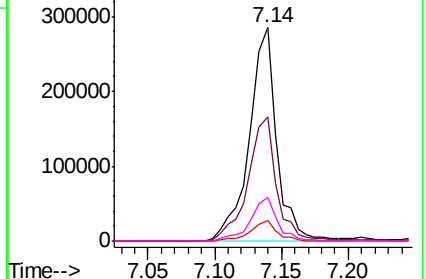


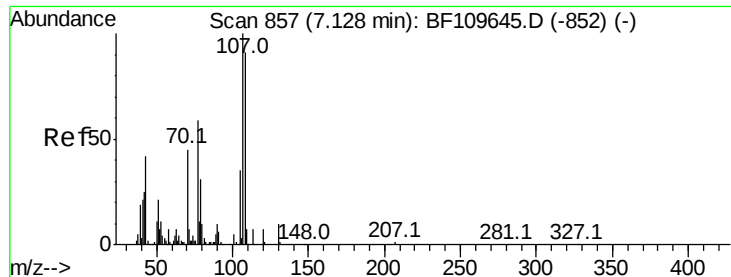
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

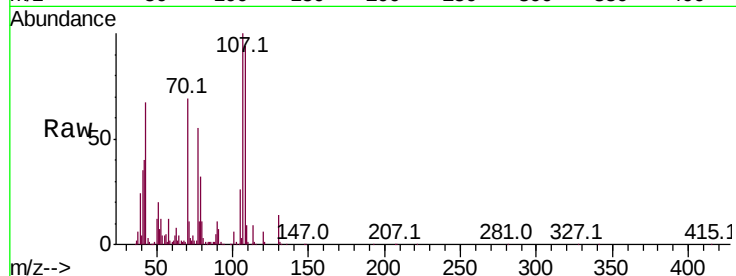




#20
3+4-Methylphenols
Concen: 74.159 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:107	Resp:	517290	
Ion Ratio	Lower	Upper	
107 100			
108 93.7	71.4	111.4	
77 54.7	47.3	87.3	
79 32.3	10.9	50.9	



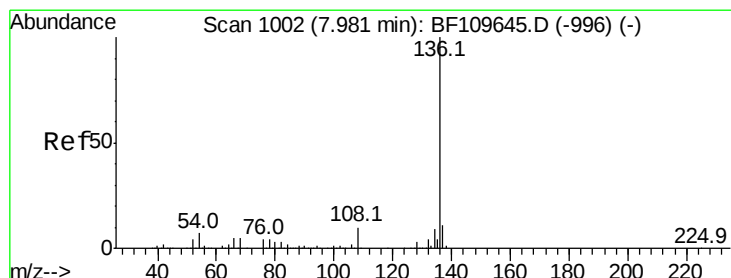
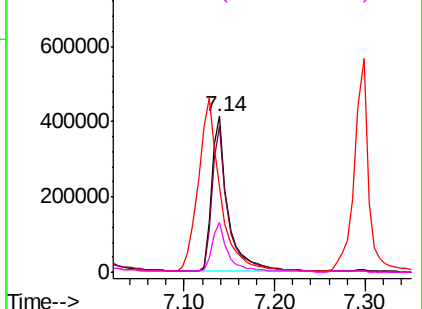
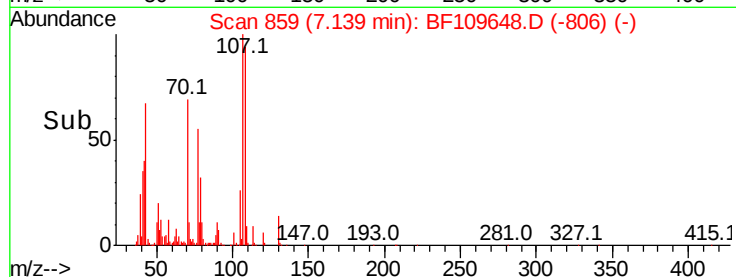
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

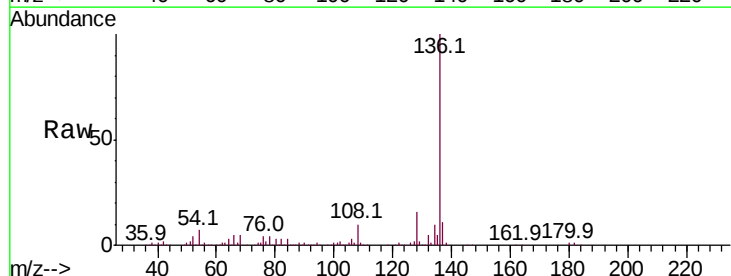
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt	Ion:136	Resp:	425611
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.5	5.4	8.2
68	5.2	4.2	6.2



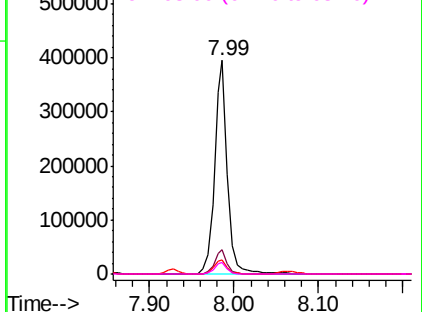
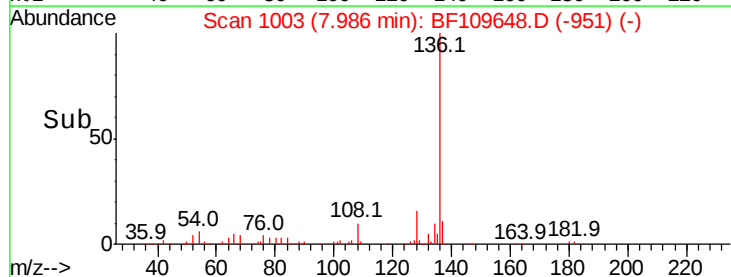
Abundance

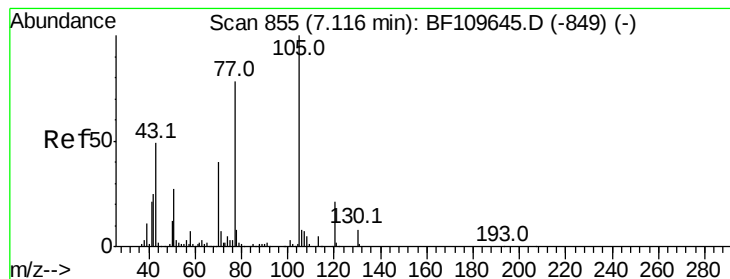
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 76.631 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:105 Resp: 788694

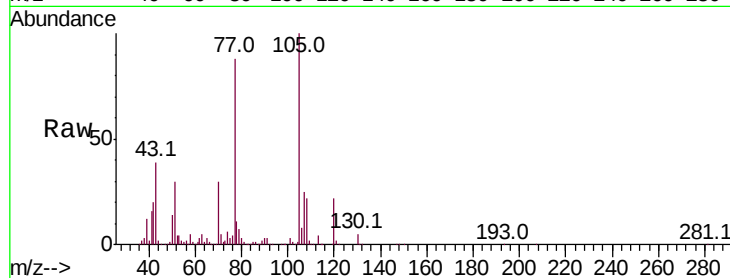
Ion Ratio Lower Upper

105 100

71 5.0 5.2 7.8#

51 30.4 21.8 32.8

120 21.6 17.0 25.4

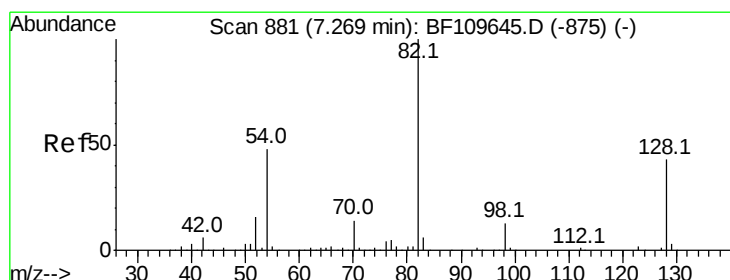
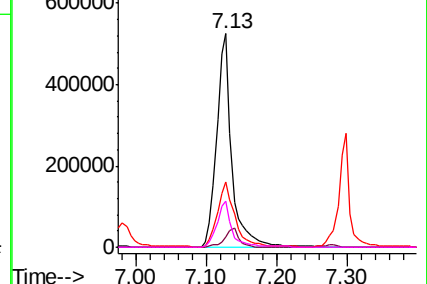
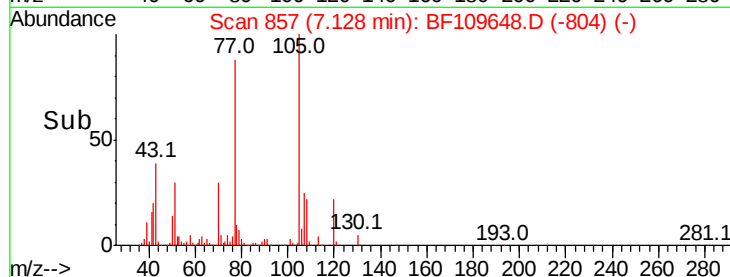


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 77.026 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

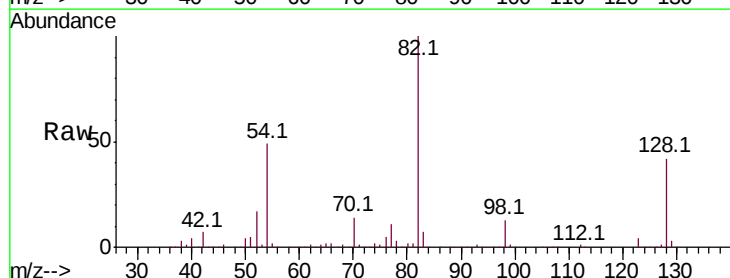
Tgt Ion: 82 Resp: 1189439

Ion Ratio Lower Upper

82 100

128 42.1 34.2 51.2

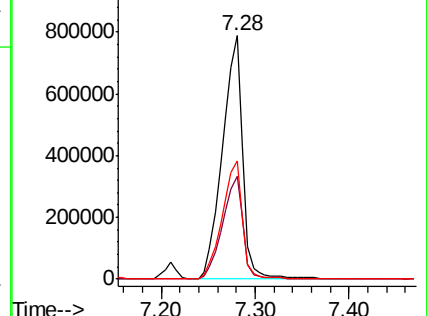
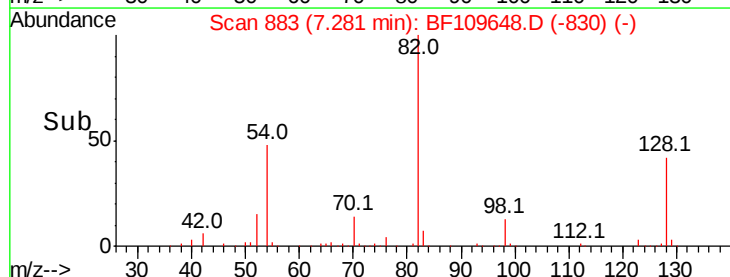
54 48.7 38.6 58.0

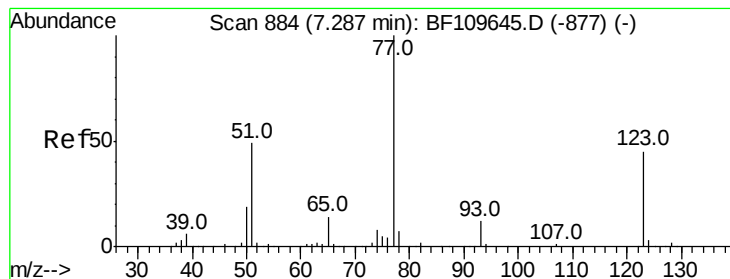


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 77.145 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

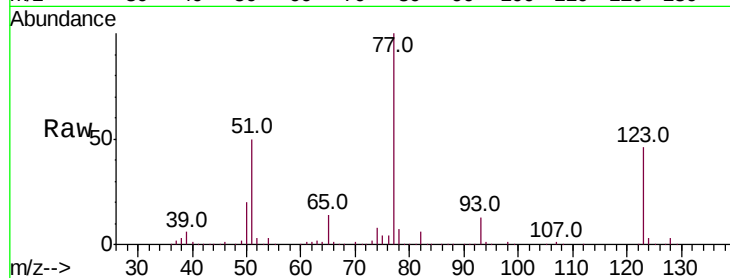
Tot Ion: 77 Resp: 619800

Ion Ratio Lower Upper

77 100

123 46.3 35.7 53.5

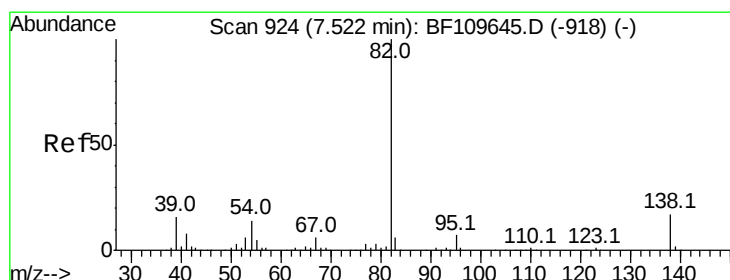
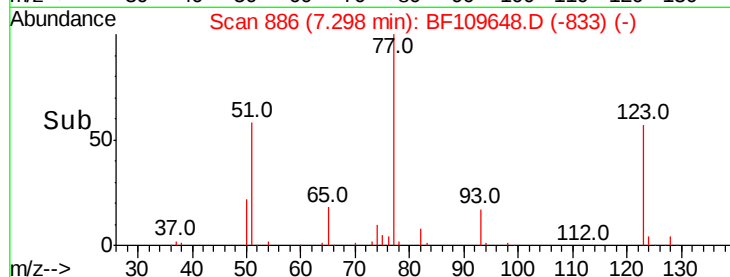
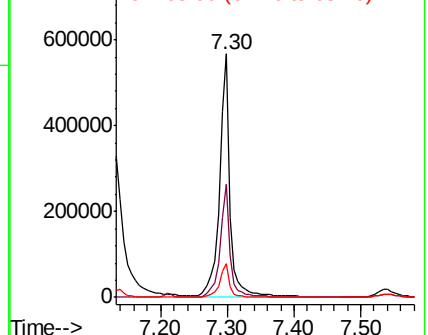
65 13.9 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 79.292 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.02 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

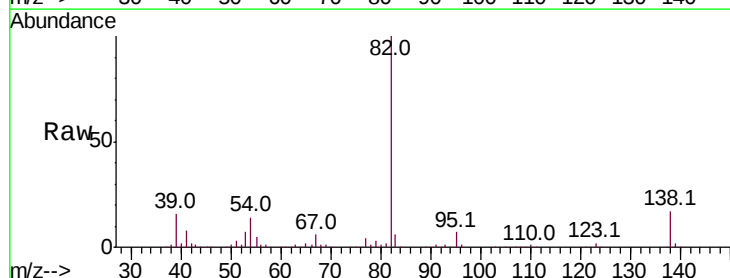
Tgt Ion: 82 Resp: 1016631

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

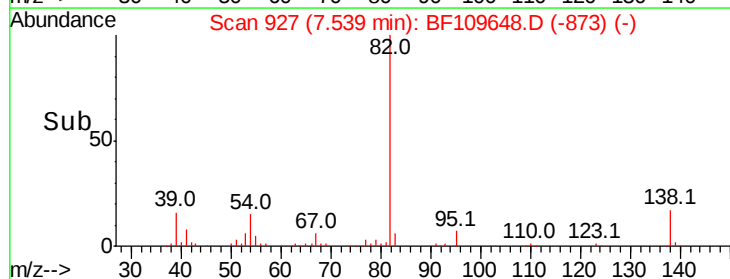
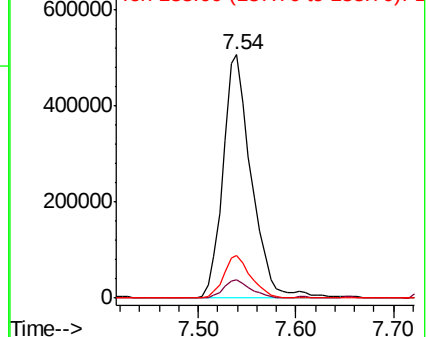
138 17.3 13.2 19.8

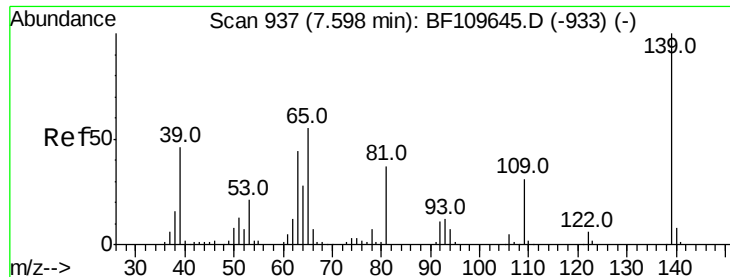


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

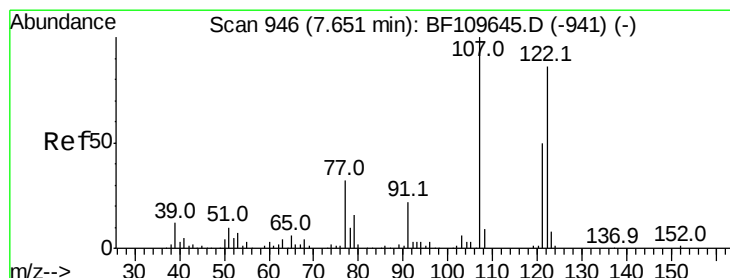
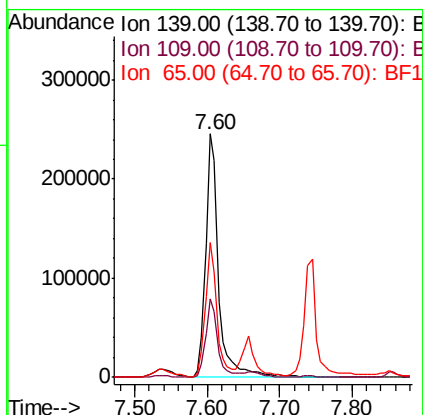
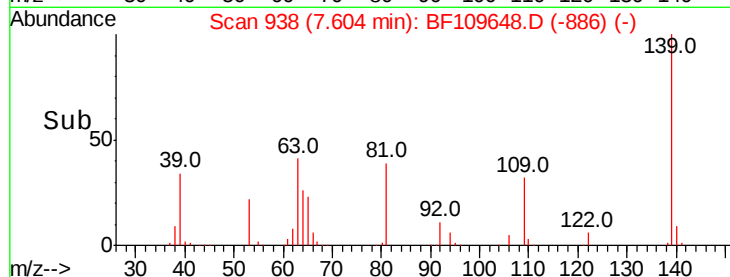
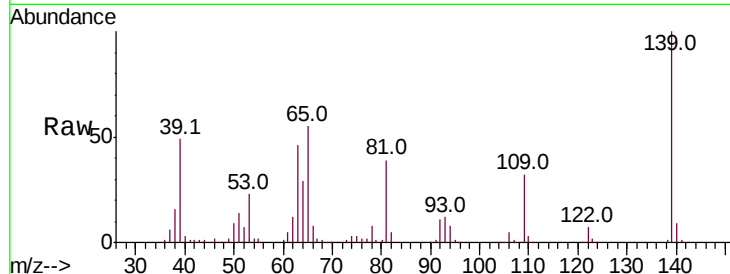




#26
2-Nitrophenol
Concen: 80.745 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

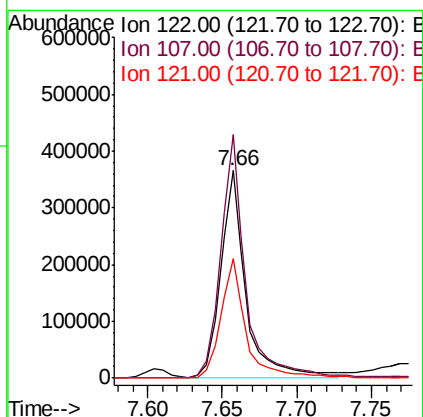
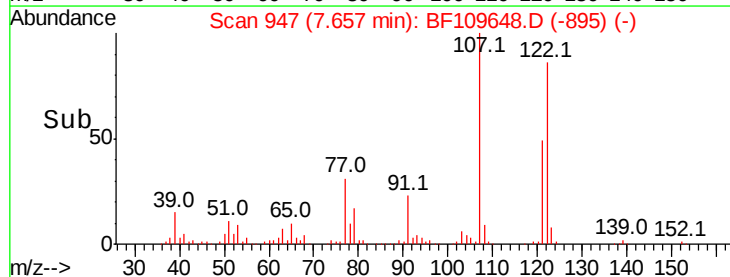
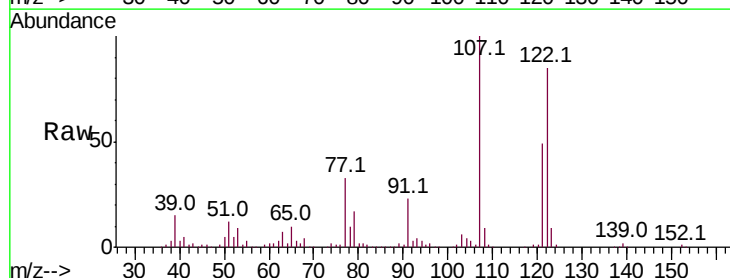
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

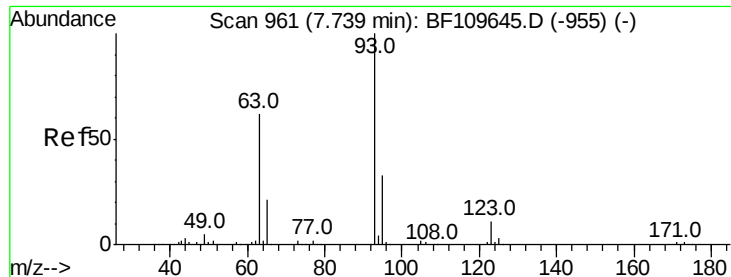
Tot Ion:139 Resp: 303436
Ion Ratio Lower Upper
139 100
109 32.4 25.0 37.6
65 55.3 44.0 66.0



#27
2,4-Dimethylphenol
Concen: 79.117 ng
RT: 7.66 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt Ion:122 Resp: 429345
Ion Ratio Lower Upper
122 100
107 117.3 92.5 138.7
121 57.6 45.8 68.8





#28

bis(2-Chloroethoxy)methane

Concen: 75.554 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

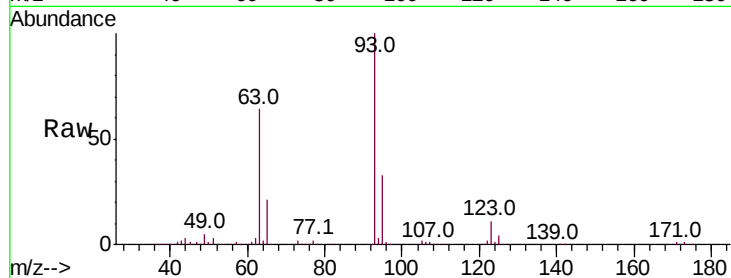
Tot Ion: 93 Resp: 655237

Ion Ratio Lower Upper

93 100

95 33.4 26.4 39.6

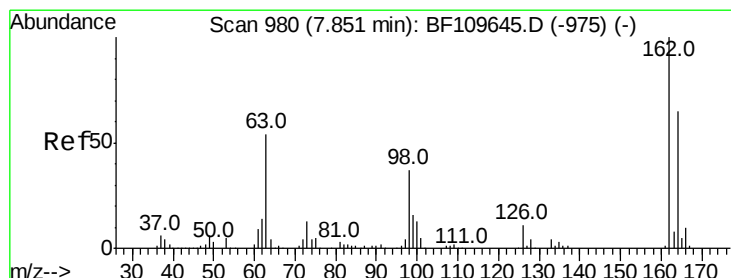
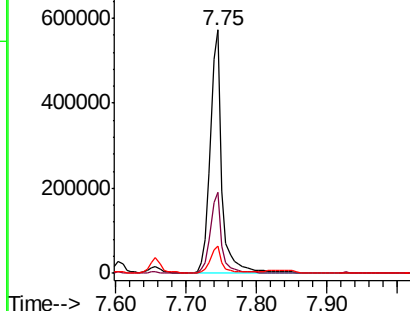
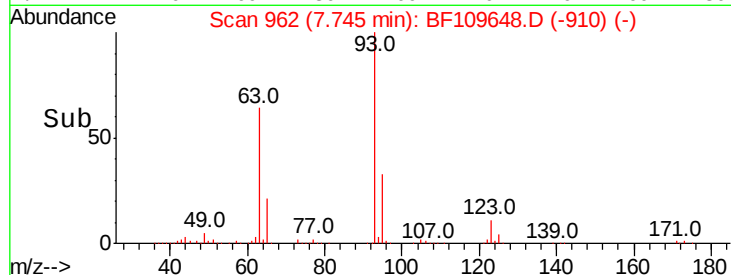
123 11.4 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1



#29

2,4-Dichlorophenol

Concen: 77.206 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

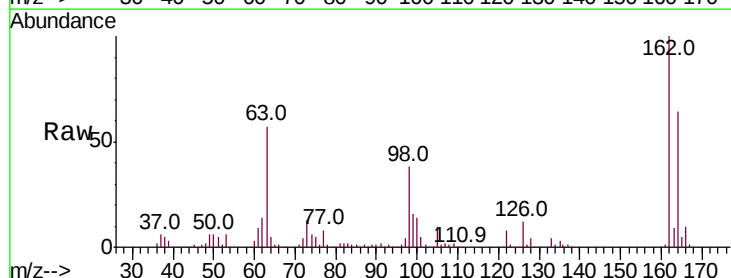
Tgt Ion:162 Resp: 469950

Ion Ratio Lower Upper

162 100

164 64.5 44.6 84.6

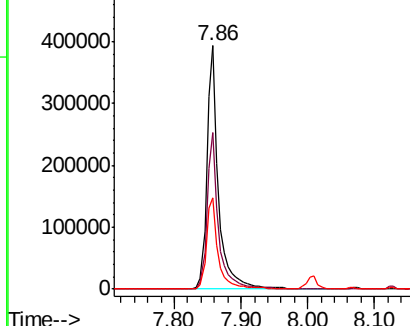
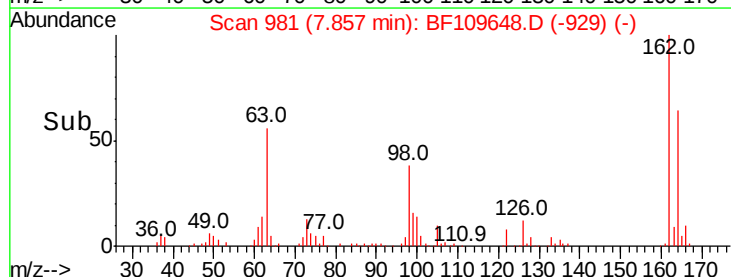
98 37.7 17.4 57.4

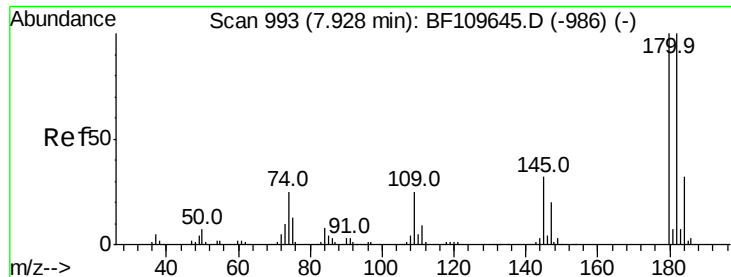


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1

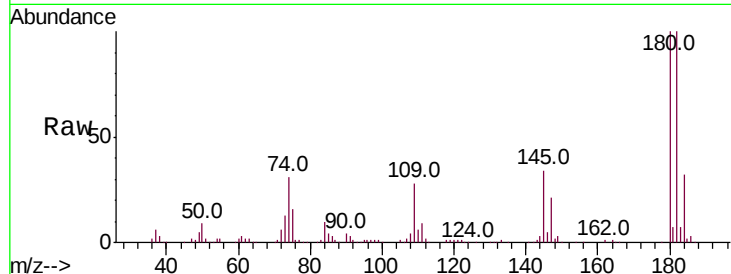




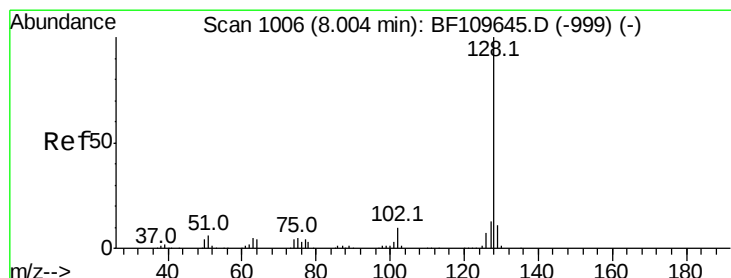
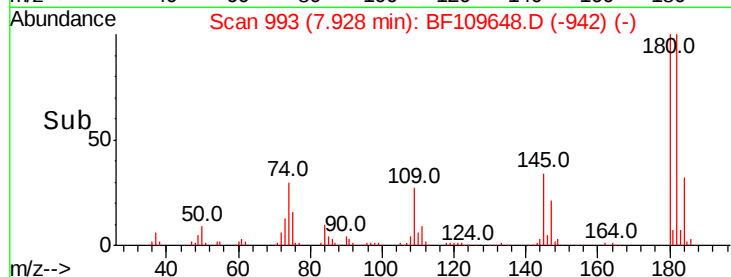
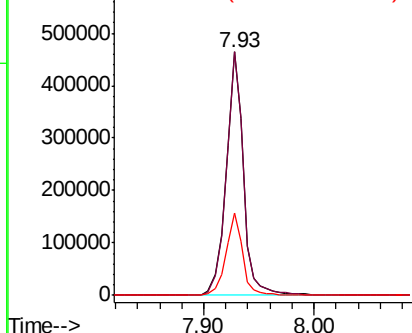
#30
 1,2,4-Trichlorobenzene
 Concen: 75.247 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:180 Resp: 507044
 Ion Ratio Lower Upper
 180 100
 182 100.2 80.3 120.5
 145 34.0 25.4 38.0

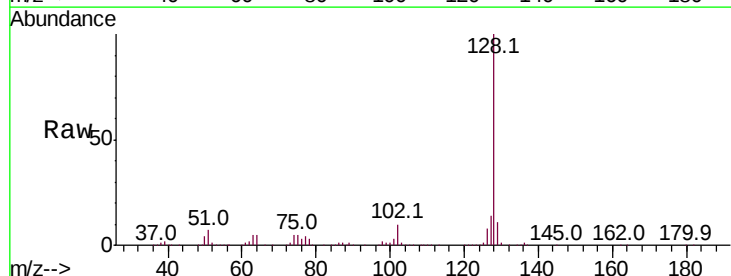


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

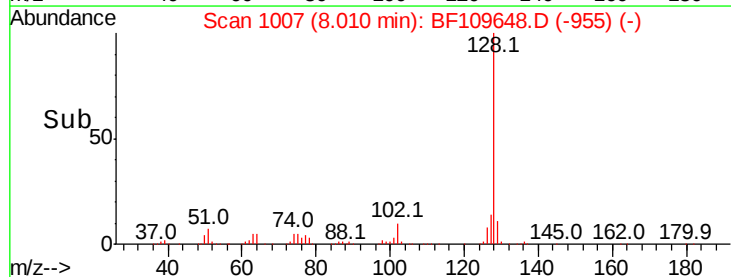
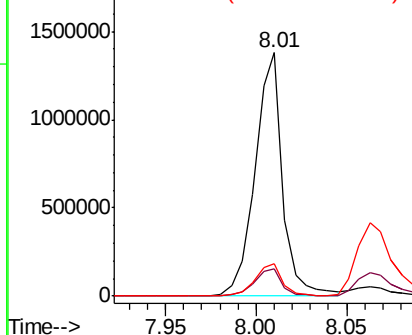


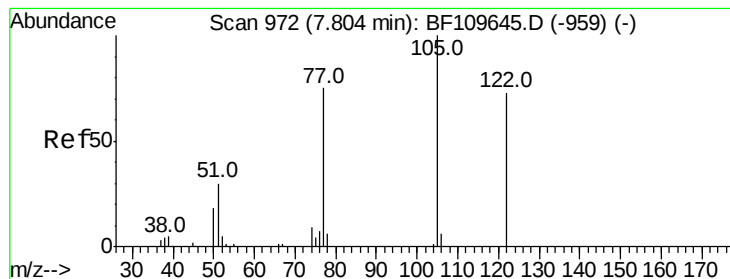
#31
 Naphthalene
 Concen: 73.952 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Tgt Ion:128 Resp: 1455616
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.8 13.2
 127 13.5 10.8 16.2



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: 91.075 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.04 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

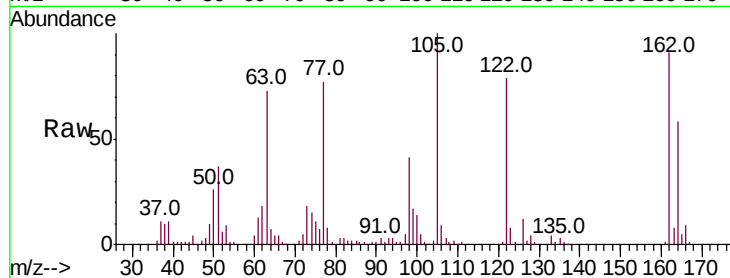
Tot Ion:122 Resp: 353364

Ion Ratio Lower Upper

122 100

105 126.4 109.0 149.0

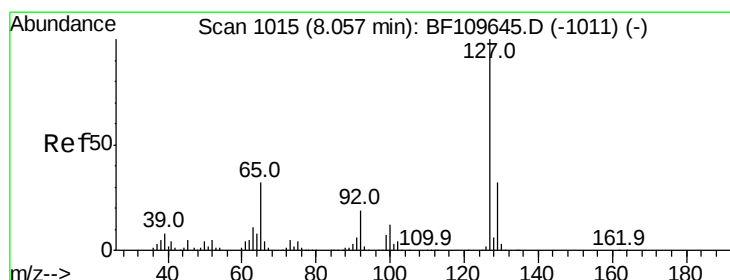
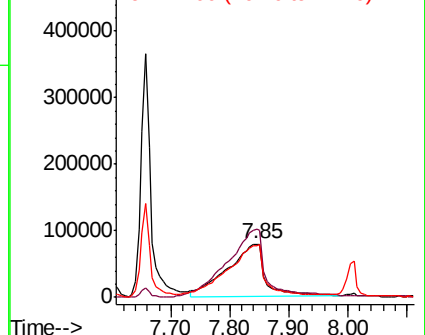
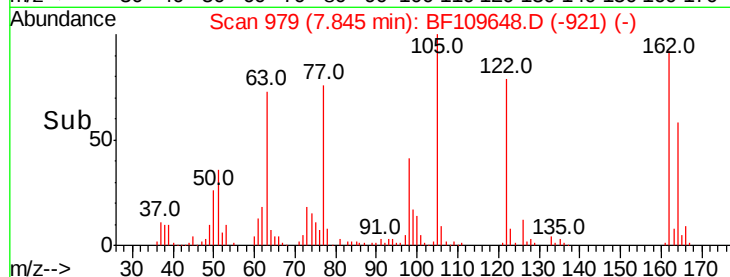
77 97.6 79.0 119.0



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): BF1



#33

4-Chloroaniline

Concen: 75.573 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Tgt Ion:127 Resp: 655064

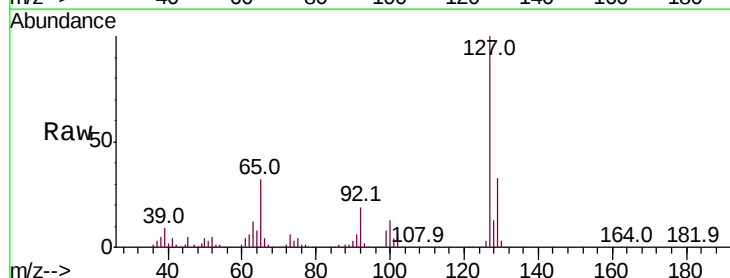
Ion Ratio Lower Upper

127 100

129 32.6 26.0 39.0

65 32.1 25.1 37.7

92 19.5 15.0 22.6

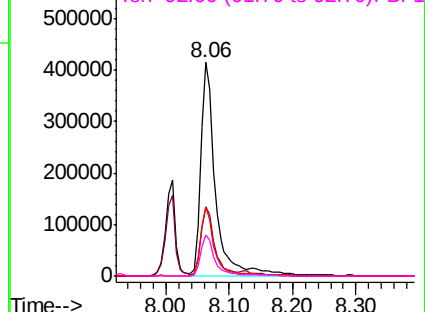
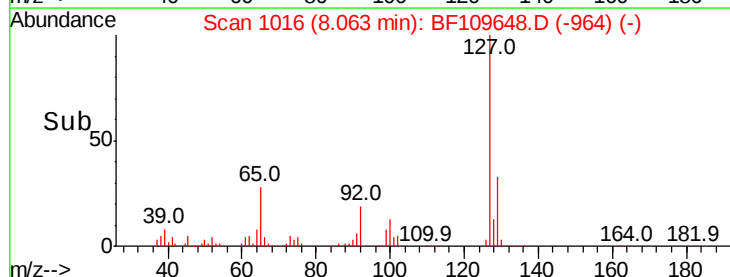


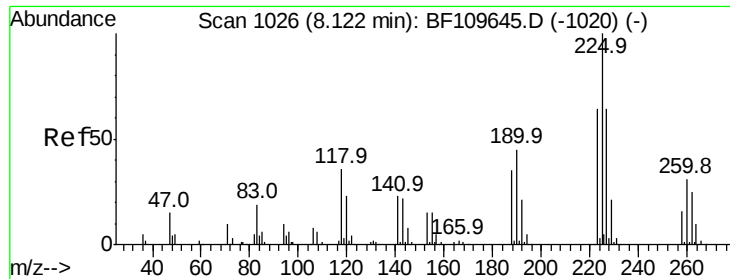
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

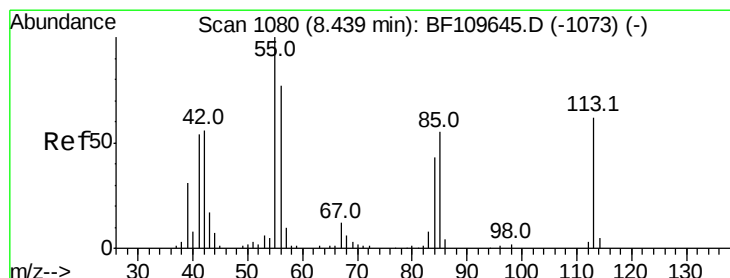
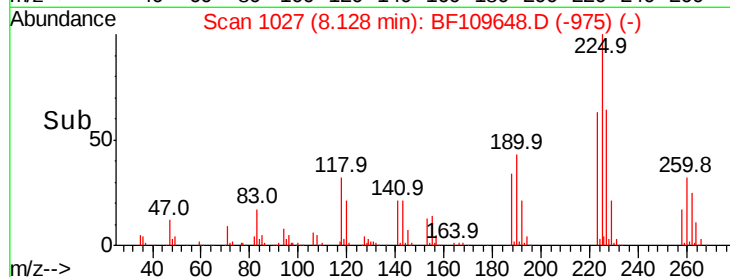
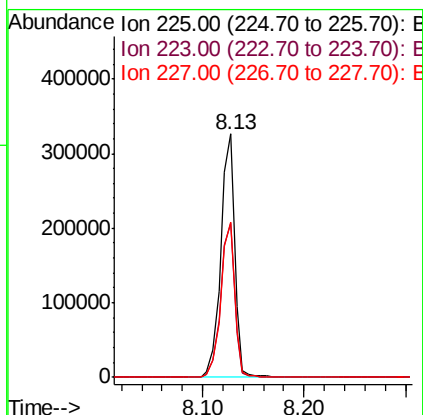
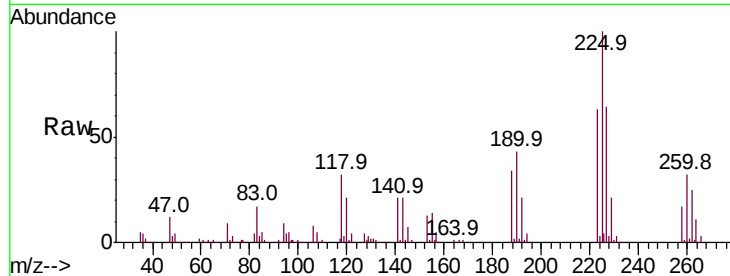




#34
Hexachlorobutadiene
Concen: 74.355 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

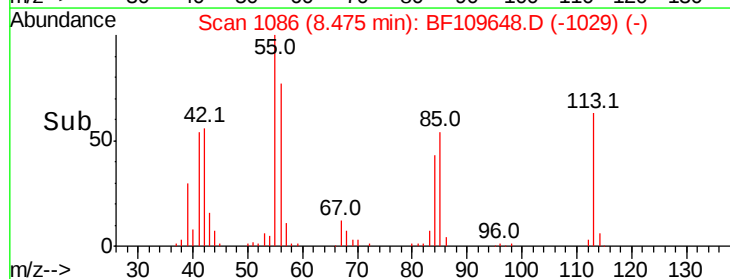
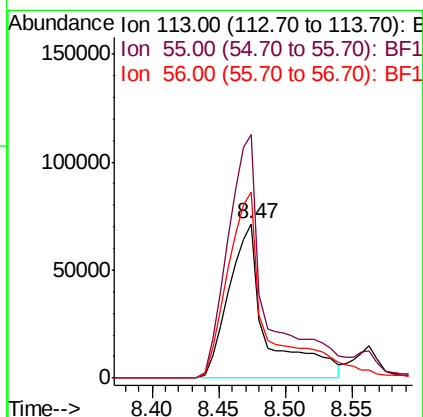
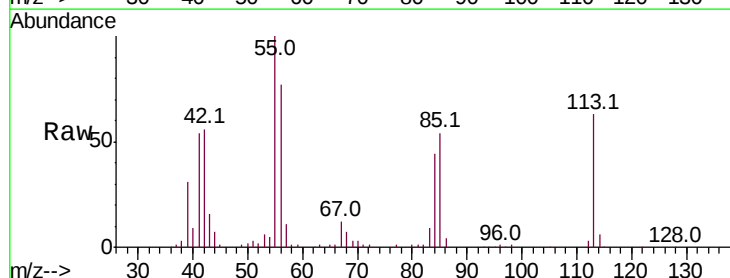
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

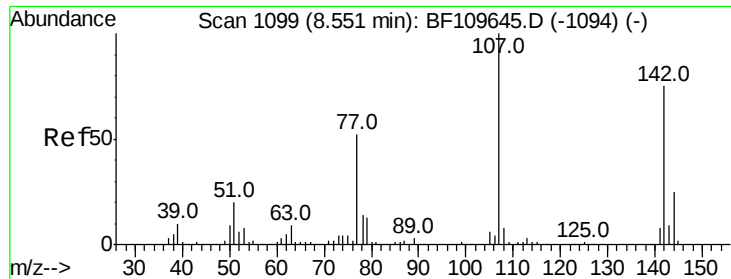
Tot Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.4	77.2
227	63.8	51.0	76.6



#35
Caprolactam
Concen: 78.196 ng
RT: 8.47 min Scan# 1086
Delta R.T. 0.04 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt Ion	Ratio	Lower	Upper
113	100		
55	158.0	142.8	182.8
56	121.0	105.0	145.0

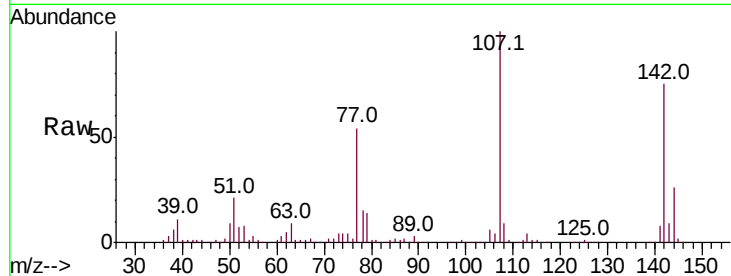




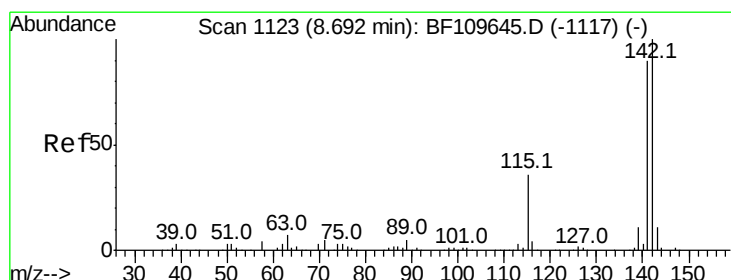
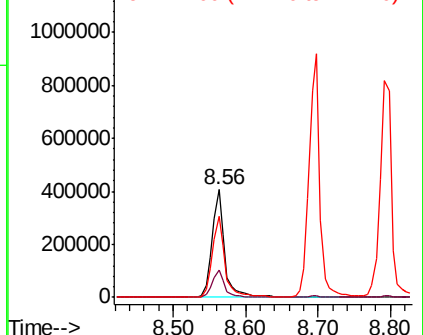
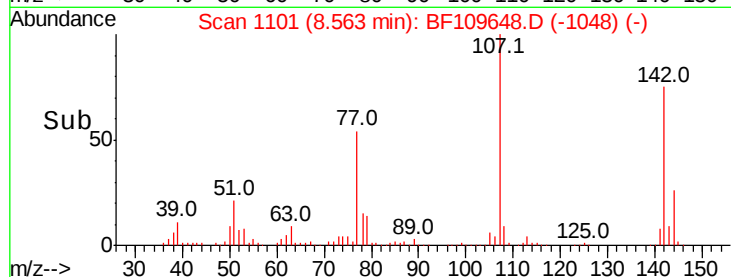
#36
4-Chloro-3-methylphenol
Concen: 76.594 ng
RT: 8.56 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:107 Resp: 492142
Ion Ratio Lower Upper
107 100
144 25.5 20.0 30.0
142 74.8 59.7 89.5

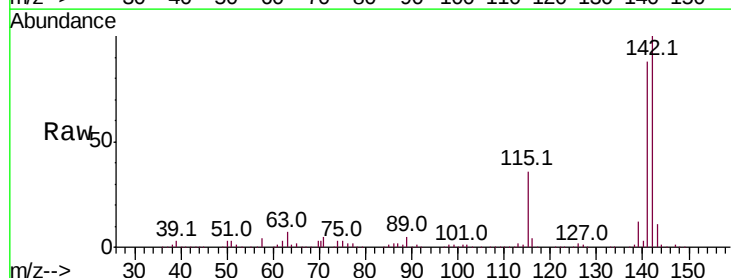


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

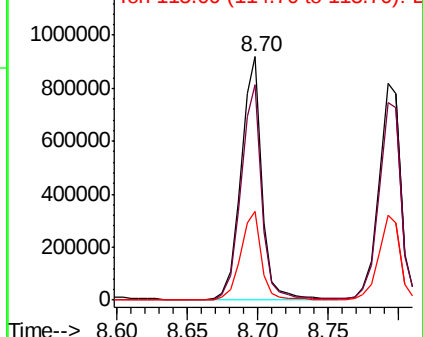
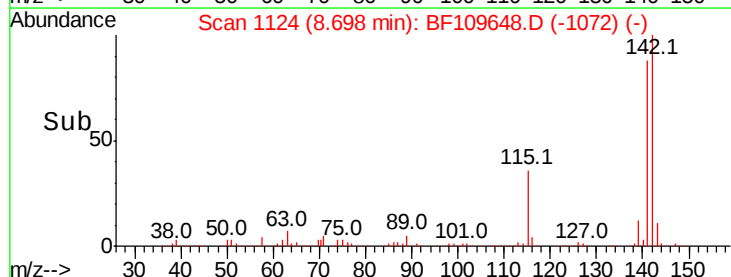


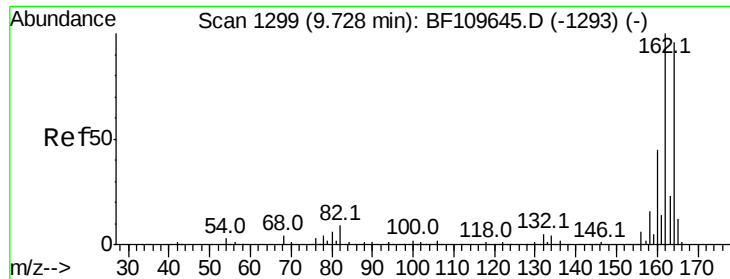
#37
2-Methylnaphthalene
Concen: 73.502 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt Ion:142 Resp: 947683
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.2
115 36.5 28.7 43.1



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

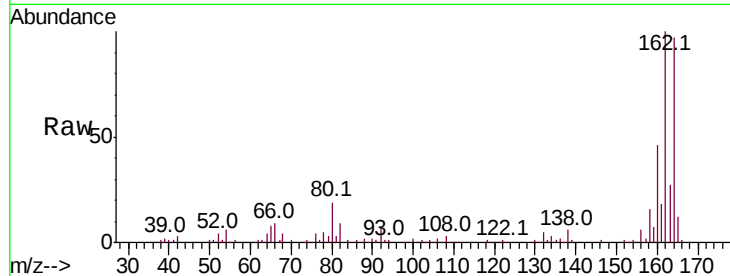




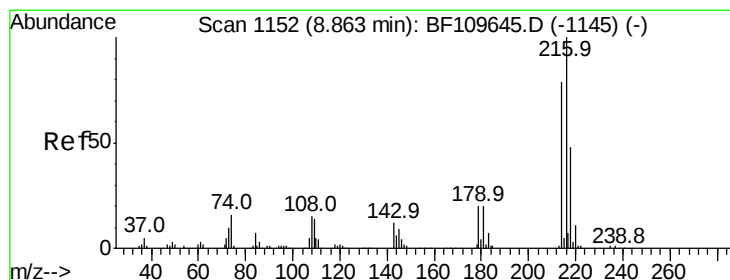
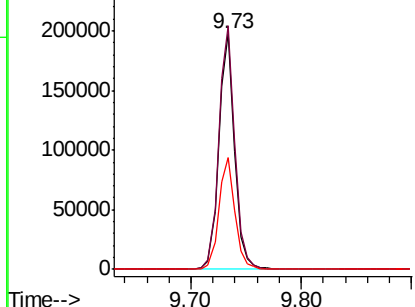
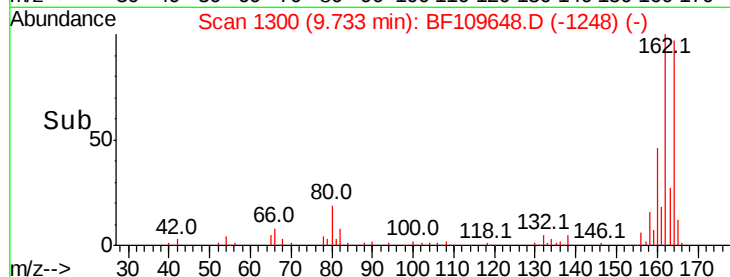
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:164 Resp: 195858
 Ion Ratio Lower Upper
 164 100
 162 103.5 83.0 124.6
 160 47.6 37.0 55.6

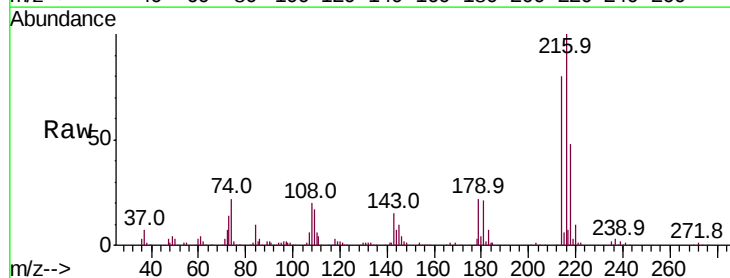


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

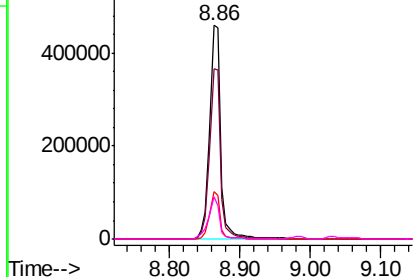
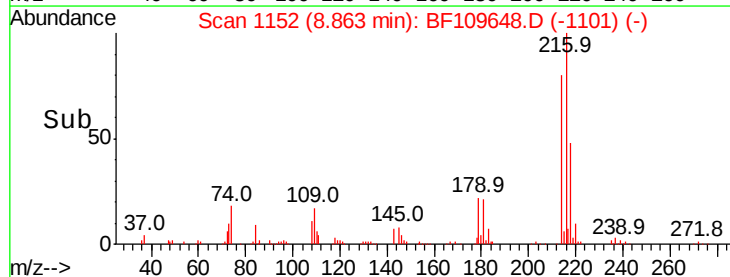


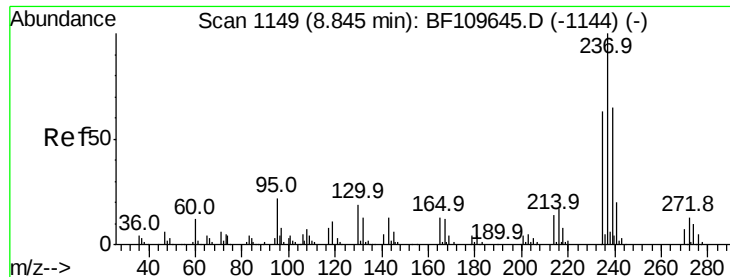
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 75.477 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Tgt Ion:216 Resp: 503208
 Ion Ratio Lower Upper
 216 100
 214 79.8 63.8 95.6
 179 21.4 16.6 25.0
 108 19.7 15.1 22.7



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

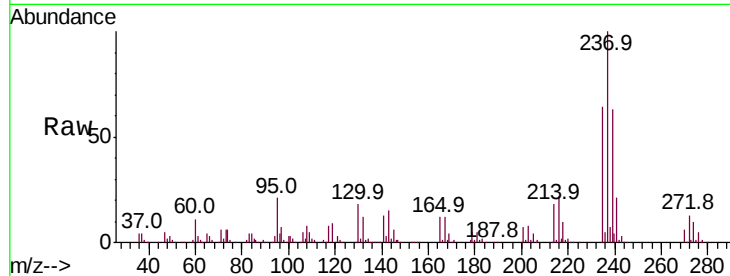




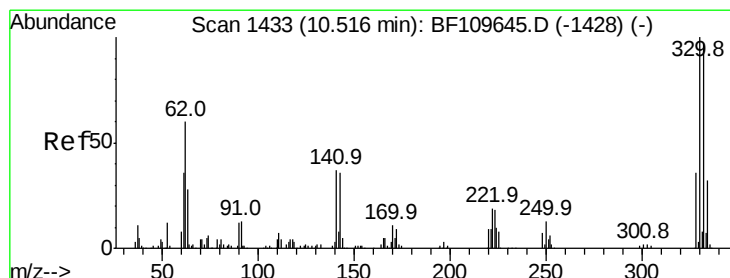
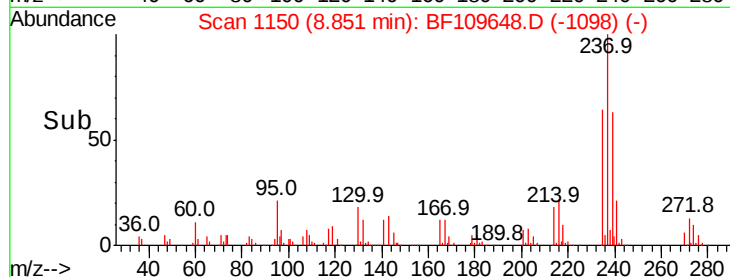
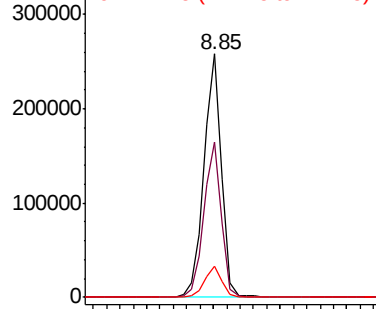
#40
Hexachlorocyclopentadiene
Concen: 97.916 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.1	83.1
272	12.9	0.0	32.6

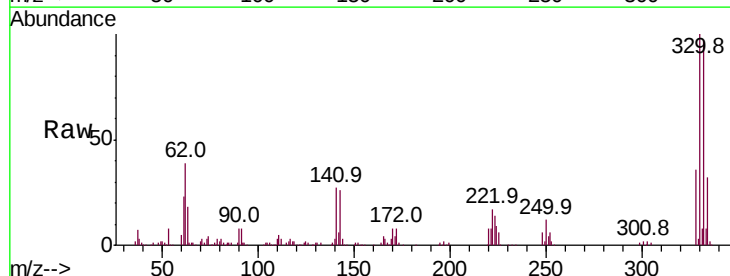


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

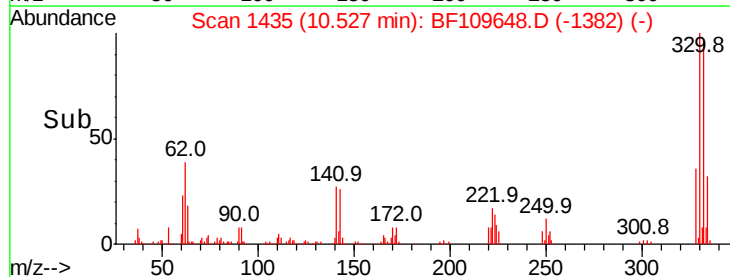
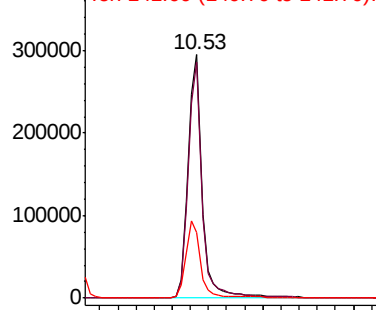


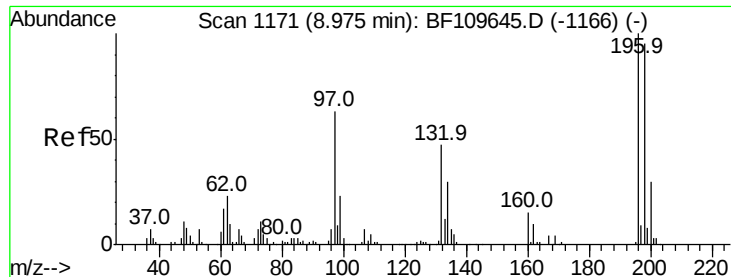
#41
2,4,6-Tribromophenol
Concen: 74.582 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	33.1	27.0	40.4



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

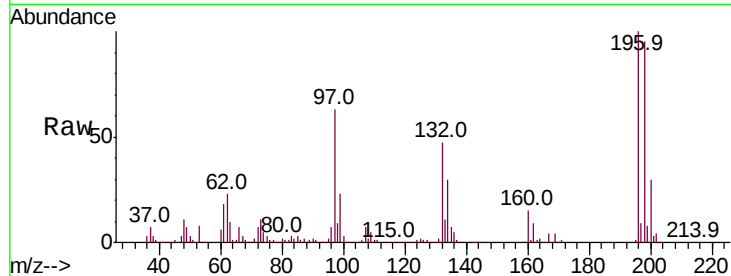




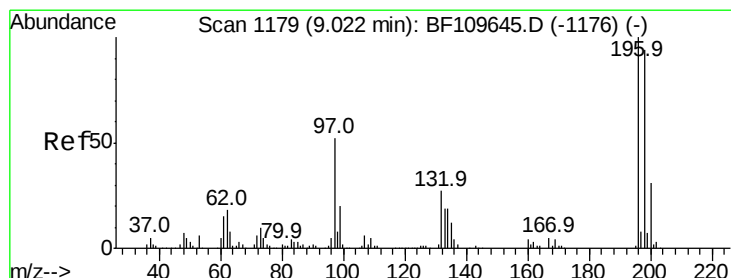
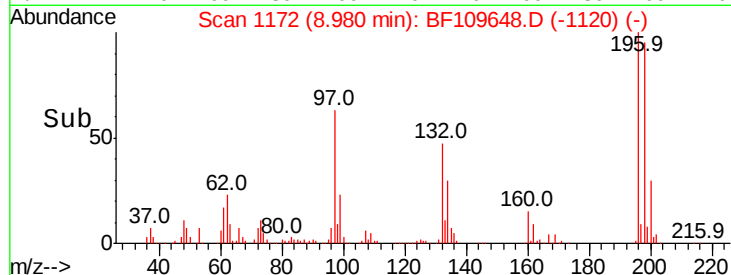
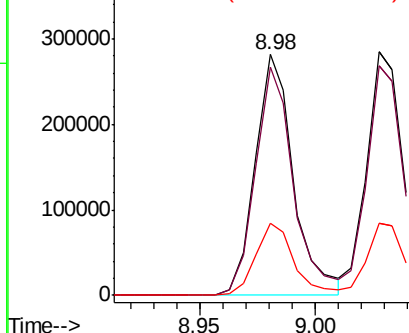
#42
 2,4,6-Trichlorophenol
 Concen: 81.934 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:196 Resp: 326552
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.2 114.4
 200 29.8 24.4 36.6

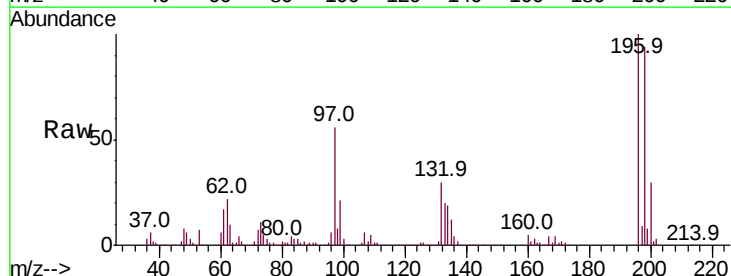


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

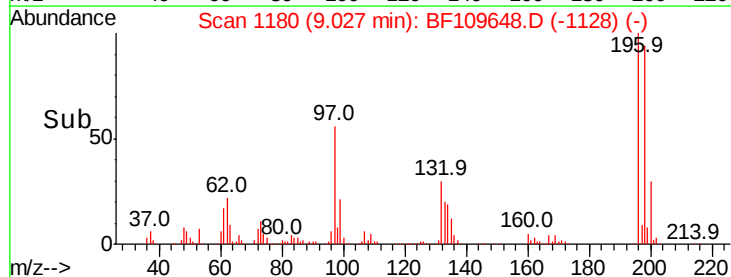
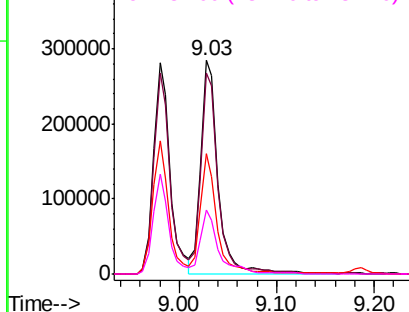


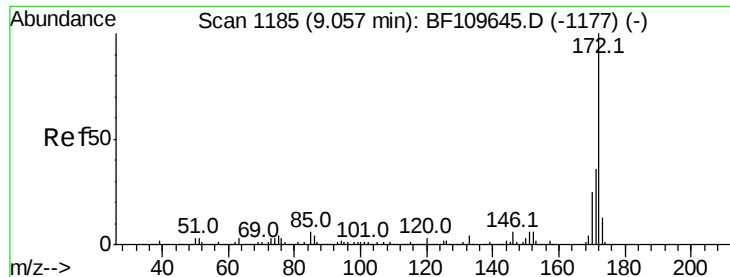
#43
 2,4,5-Trichlorophenol
 Concen: 75.795 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Tgt Ion:196 Resp: 347333
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.8 113.6
 97 56.5 42.4 63.6
 132 29.9 22.8 34.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 69.754 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

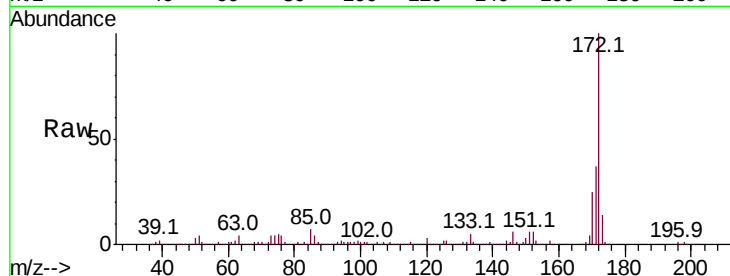
Tot Ion:172 Resp: 1983943

Ion Ratio Lower Upper

172 100

171 36.6 28.6 43.0

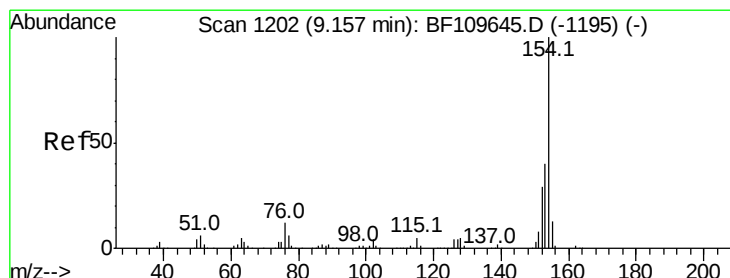
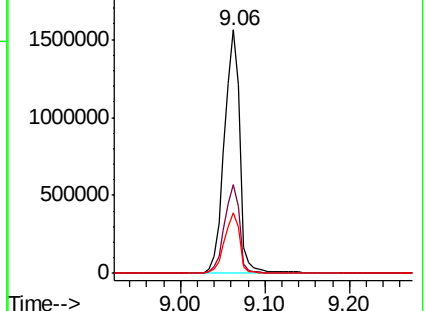
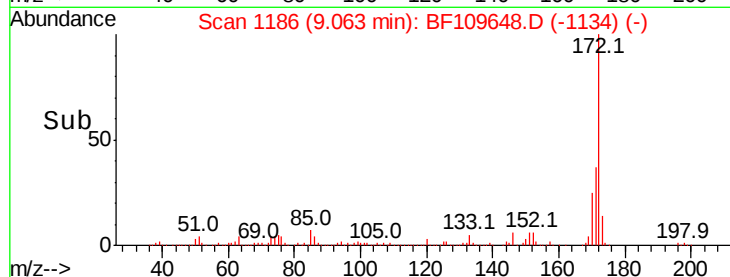
170 25.1 19.7 29.5



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



#45

1,1'-Biphenyl

Concen: 72.068 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

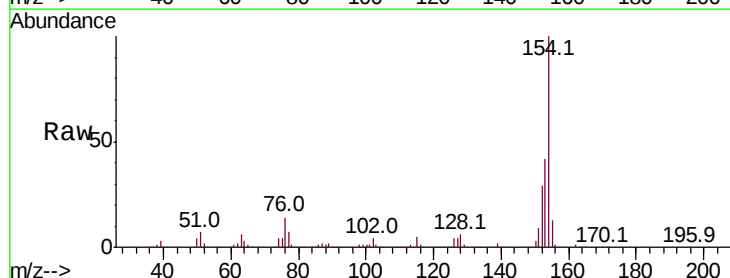
Tgt Ion:154 Resp: 1260968

Ion Ratio Lower Upper

154 100

153 41.8 20.4 60.4

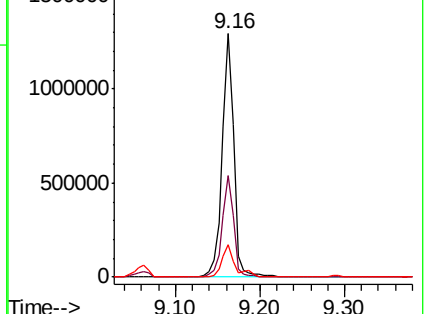
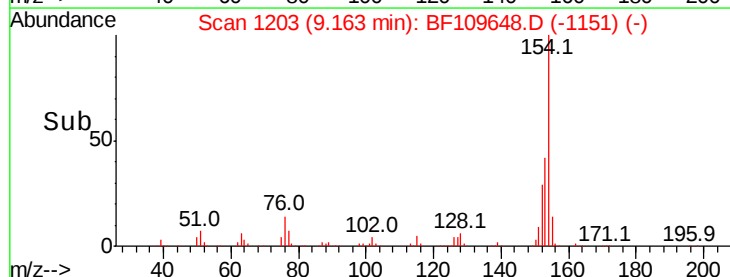
76 13.5 0.0 31.9

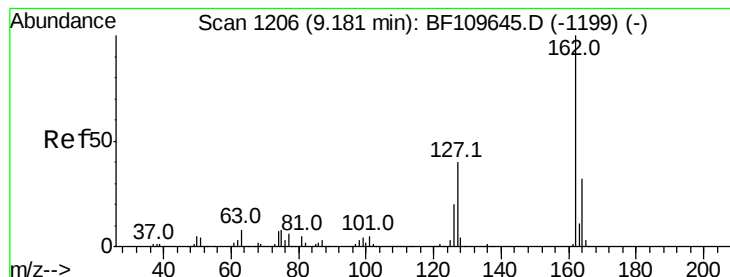


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

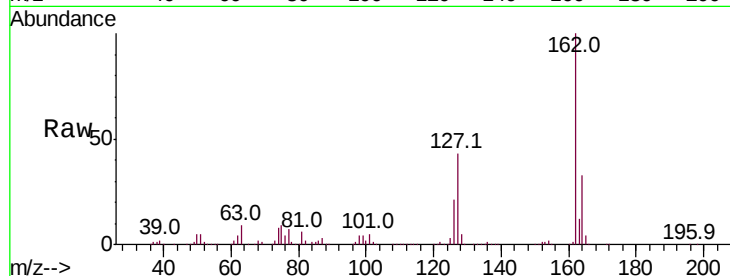




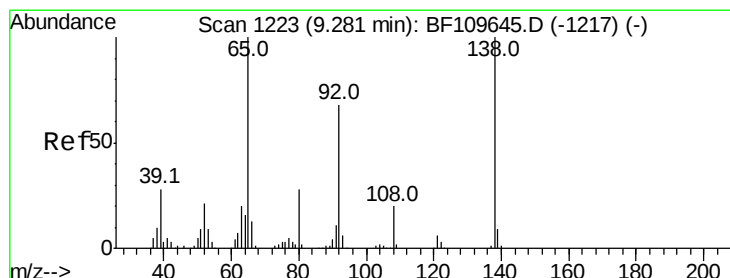
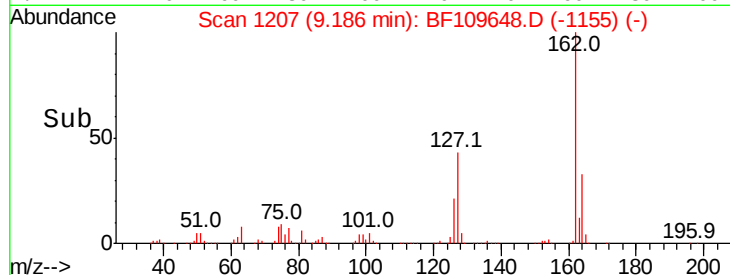
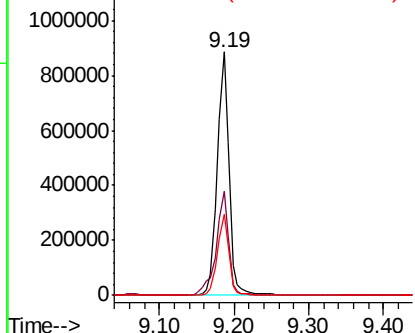
#46
 2-Chloronaphthalene
 Concen: 73.805 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	32.6	48.8
164	33.3	25.9	38.9

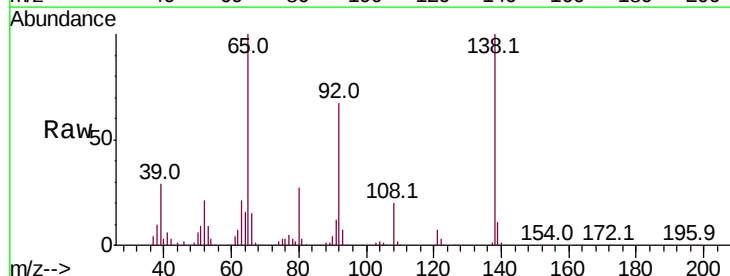


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

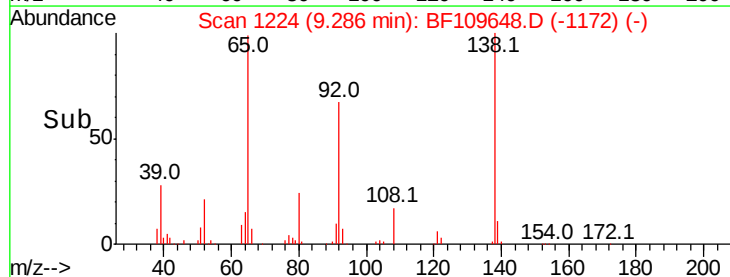
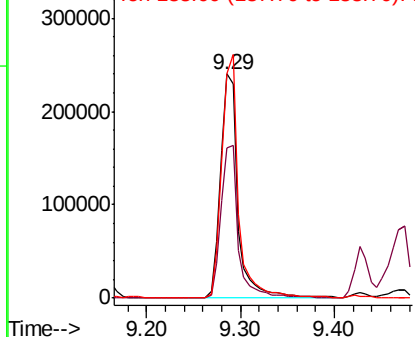


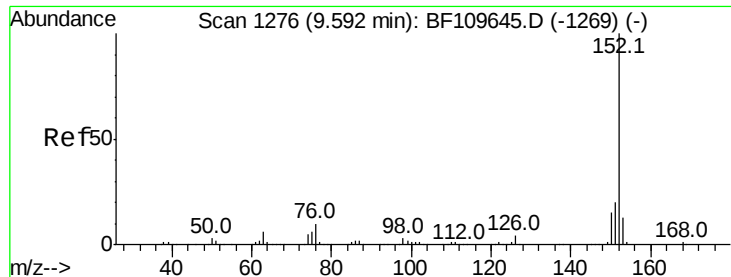
#47
 2-Nitroaniline
 Concen: 78.780 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	54.6	81.8
138	99.9	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 70.868 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

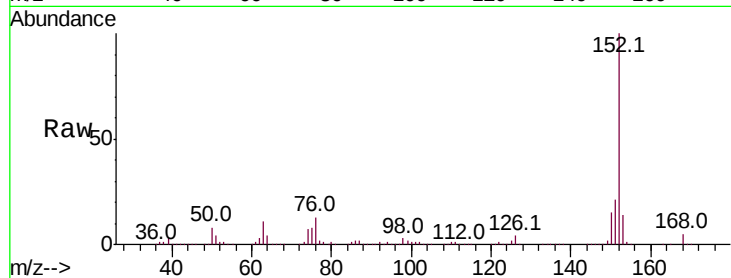
Tot Ion:152 Resp: 1354326

Ion Ratio Lower Upper

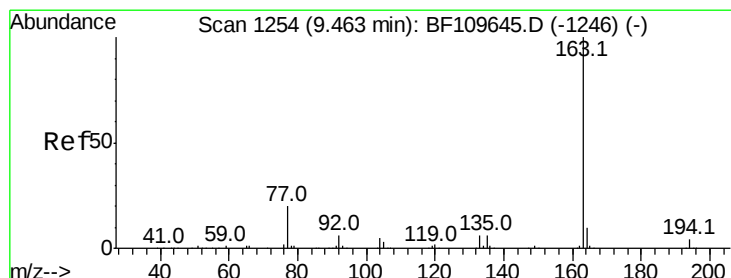
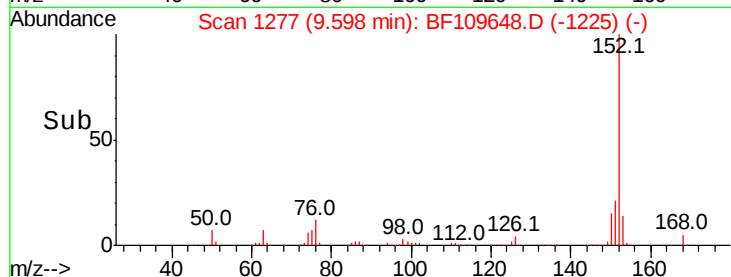
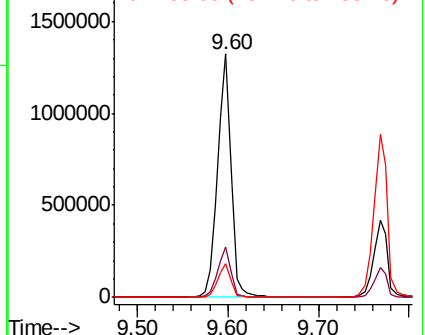
152 100

151 20.7 15.8 23.8

153 13.8 10.4 15.6



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



#49

Dimethylphthalate

Concen: 76.421 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

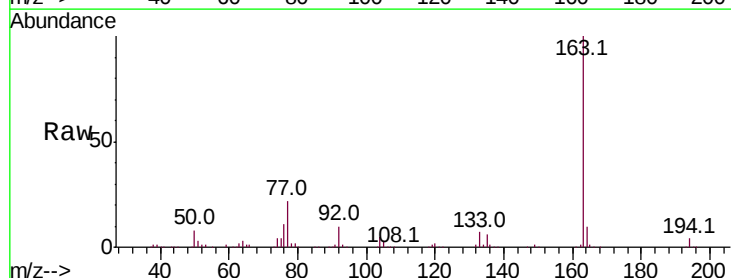
Tgt Ion:163 Resp: 1097730

Ion Ratio Lower Upper

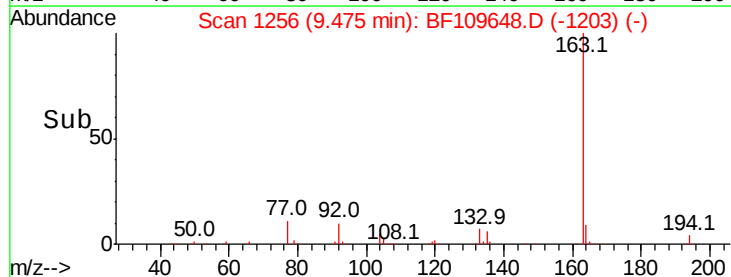
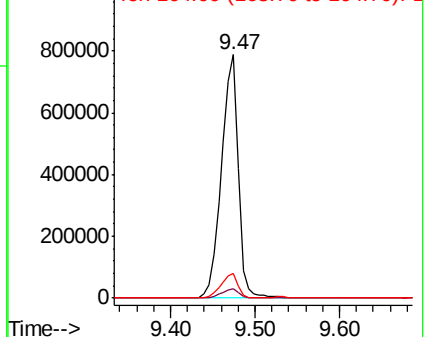
163 100

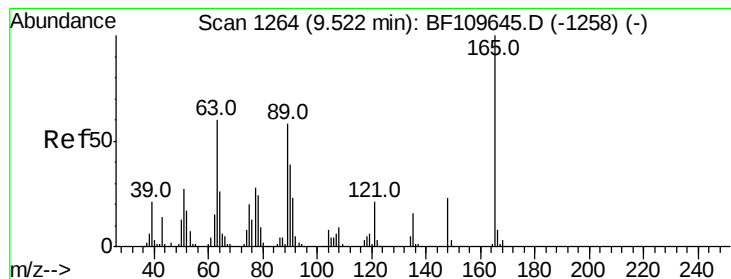
194 4.0 3.2 4.8

164 10.2 8.1 12.1



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





#50

2,6-Dinitrotoluene

Concen: 76.833 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

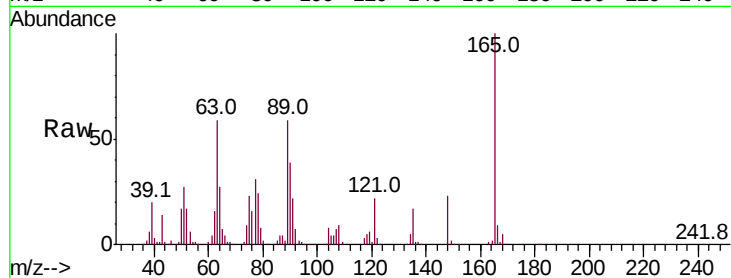
Tot Ion:165 Resp: 239237

Ion Ratio Lower Upper

165 100

63 59.5 48.9 73.3

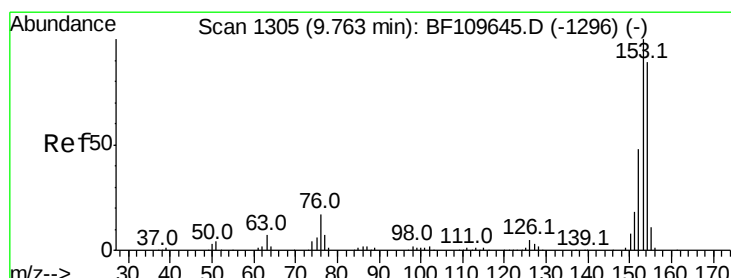
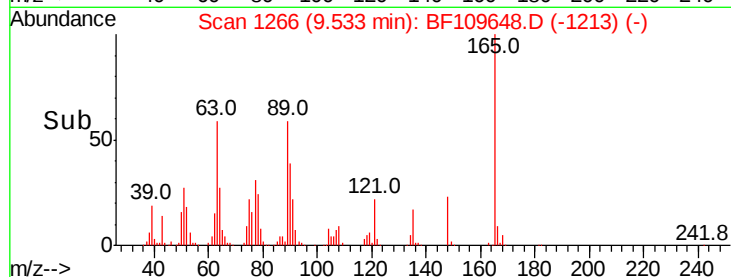
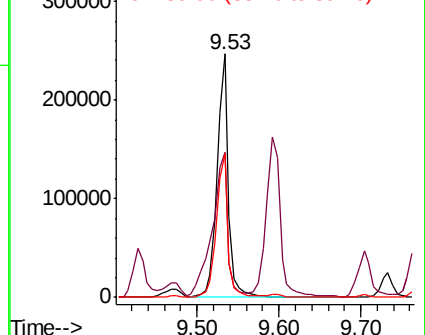
89 59.0 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51

Acenaphthene

Concen: 73.389 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

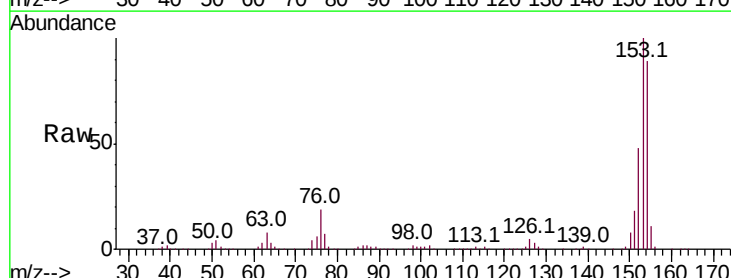
Tgt Ion:154 Resp: 831408

Ion Ratio Lower Upper

154 100

153 112.5 90.1 135.1

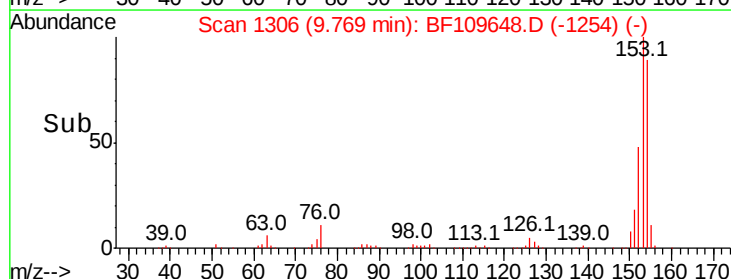
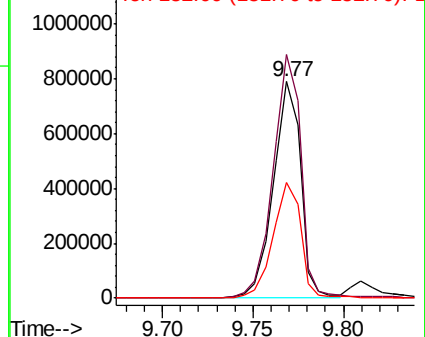
152 53.5 43.4 65.2

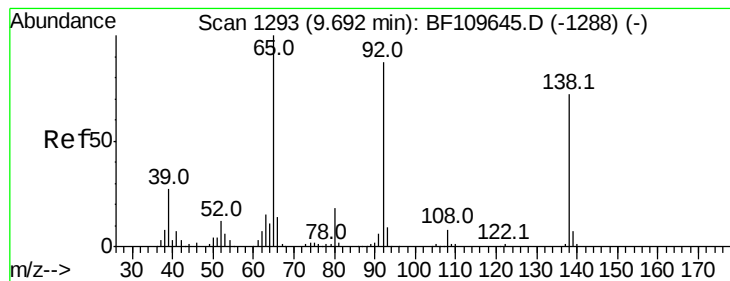


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 77.285 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

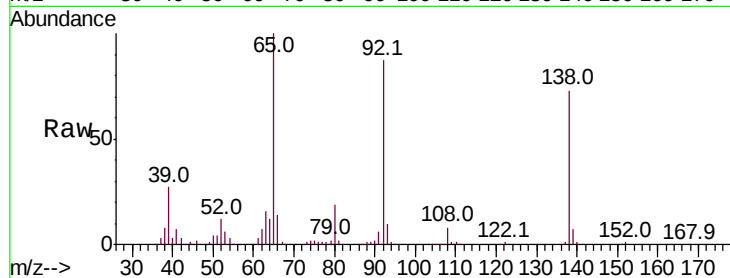
Tot Ion:138 Resp: 269752

Ion Ratio Lower Upper

138 100

108 11.0 8.7 13.1

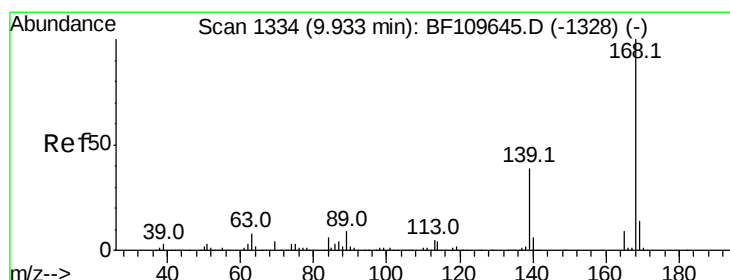
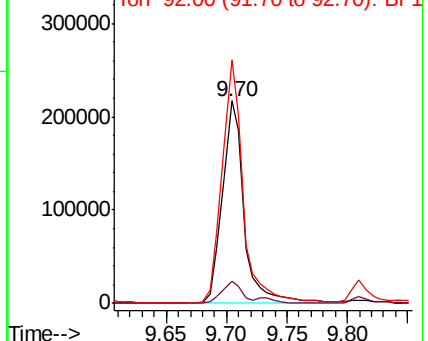
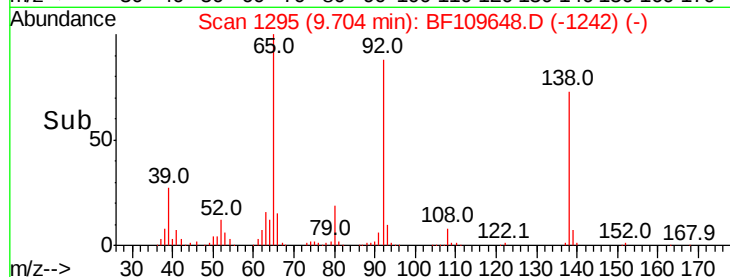
92 120.2 97.0 145.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

Dibenzofuran

Concen: 69.860 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

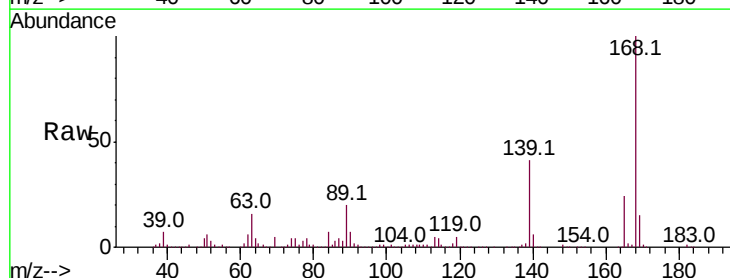
Tgt Ion:168 Resp: 1186326

Ion Ratio Lower Upper

168 100

139 41.2 33.0 49.6

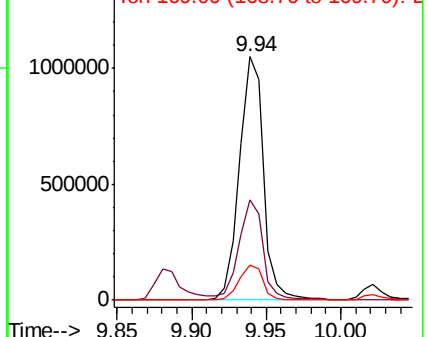
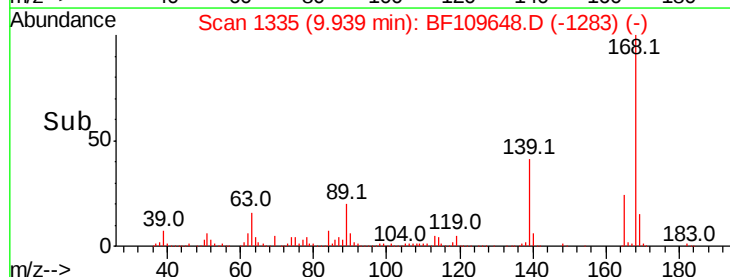
169 14.6 11.3 16.9

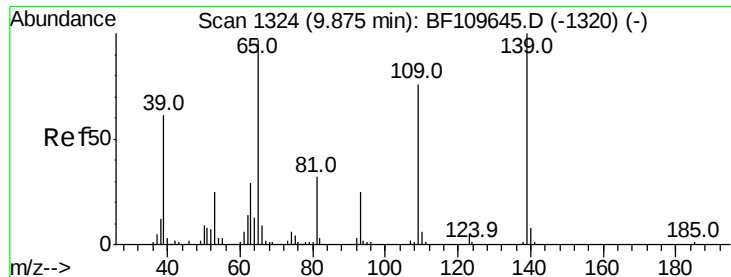


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

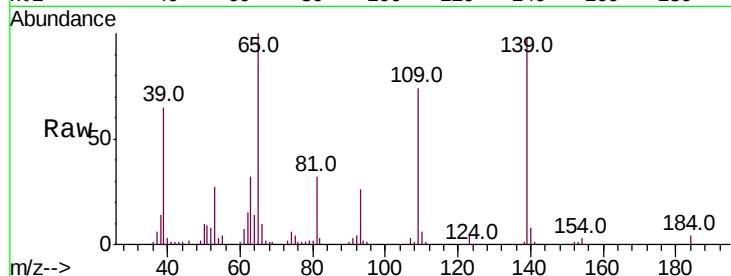




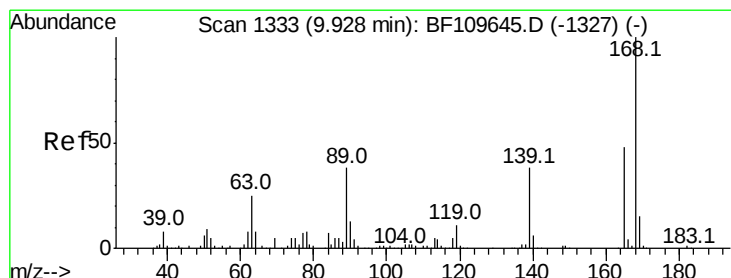
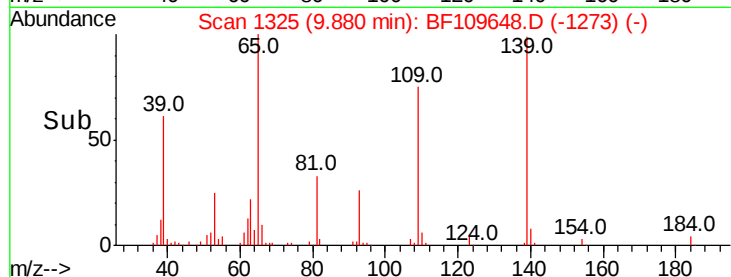
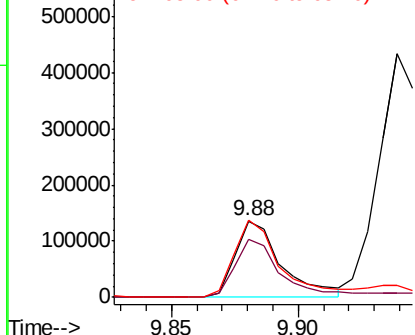
#55
4-Nitrophenol
Concen: 89.746 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:139 Resp: 171460
Ion Ratio Lower Upper
139 100
109 75.3 55.8 95.8
65 101.7 77.9 117.9



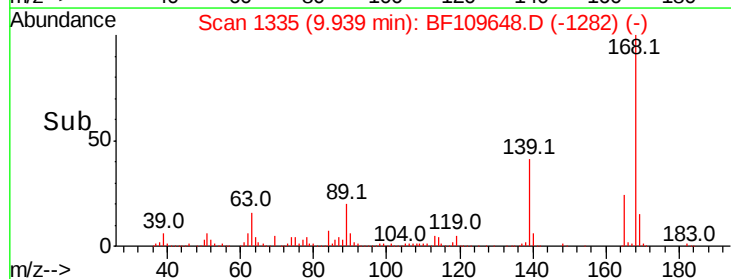
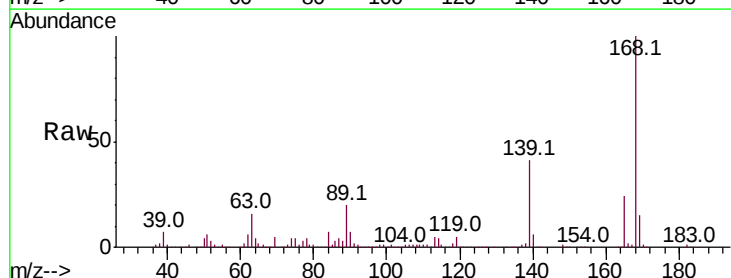
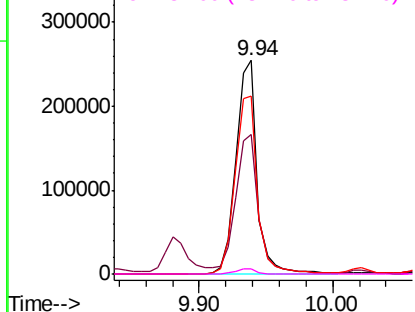
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

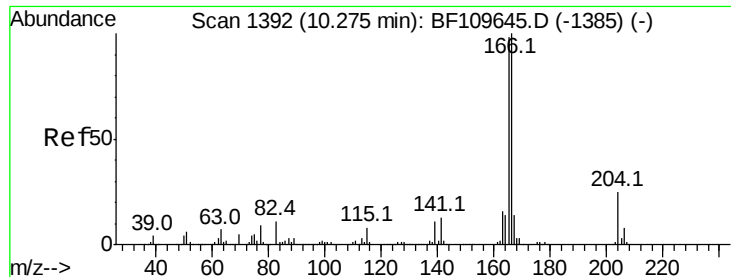


#56
2,4-Dinitrotoluene
Concen: 72.722 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt Ion:165 Resp: 282580
Ion Ratio Lower Upper
165 100
63 65.4 44.8 67.2
89 83.2 62.2 93.4
182 2.4 2.1 3.1

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 69.443 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

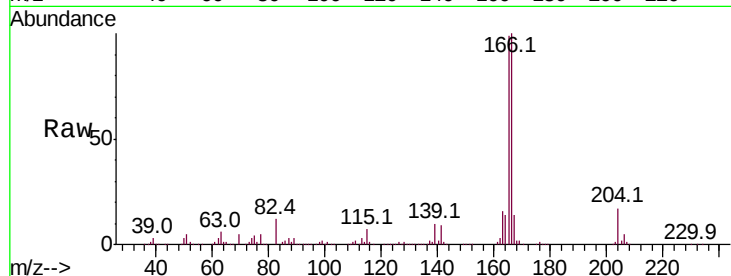
Tot Ion:166 Resp: 880644

Ion Ratio Lower Upper

166 100

165 98.8 78.6 117.8

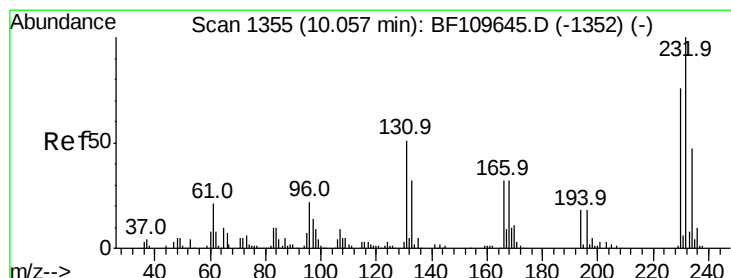
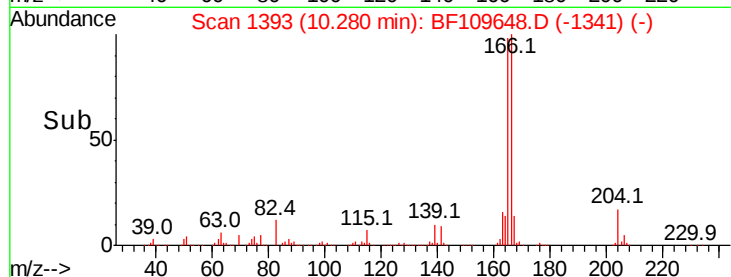
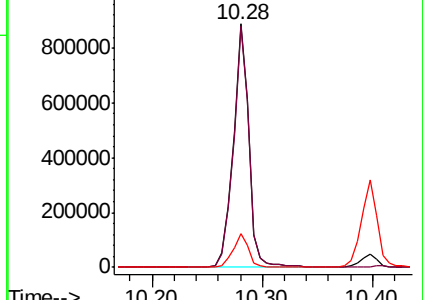
167 13.7 10.8 16.2



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 73.982 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Tgt Ion:232 Resp: 275591

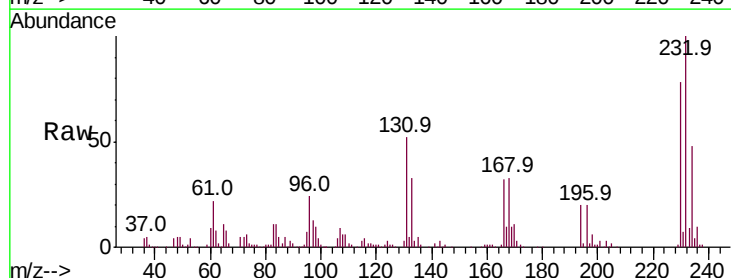
Ion Ratio Lower Upper

232 100

131 47.5 37.0 55.4

130 2.4 1.8 2.6

166 29.5 22.0 33.0

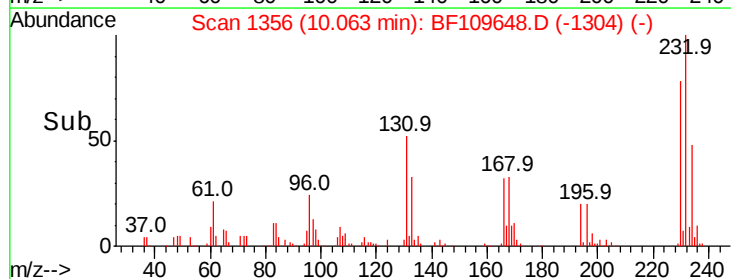
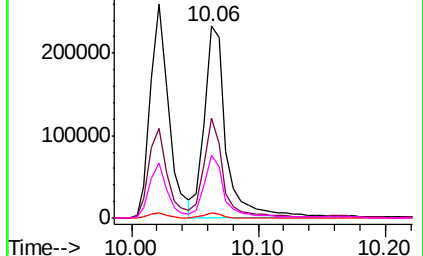


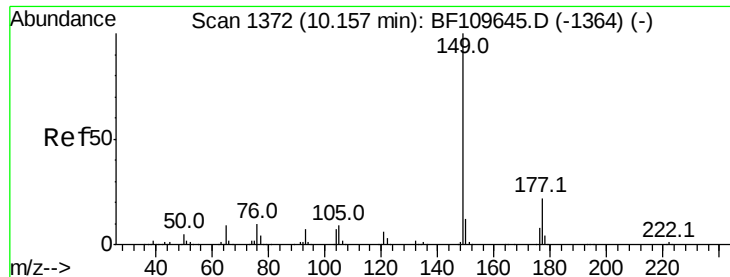
Abundance Ion 232.00 (231.70 to 232.70): E

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

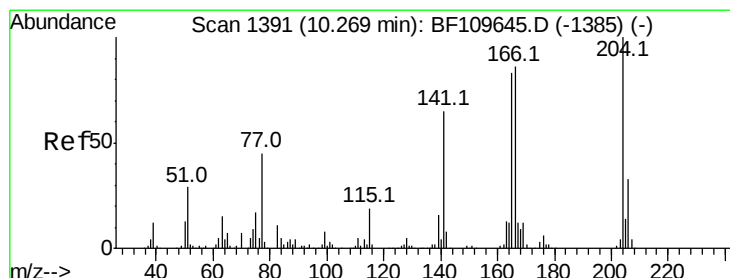
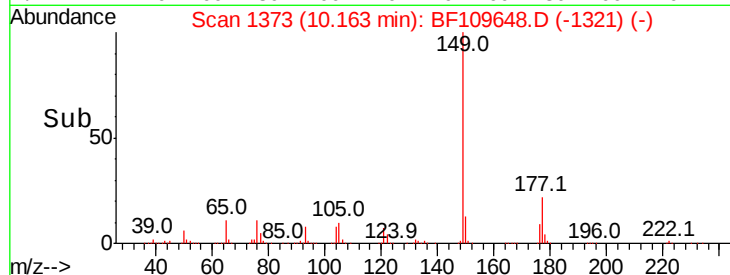
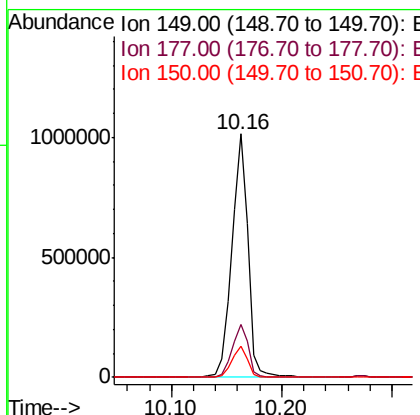
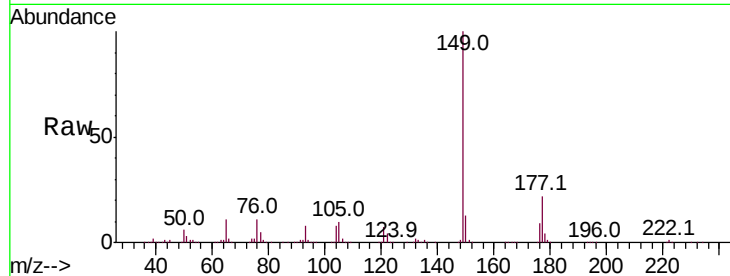




#59
Diethylphthalate
Concen: 73.395 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

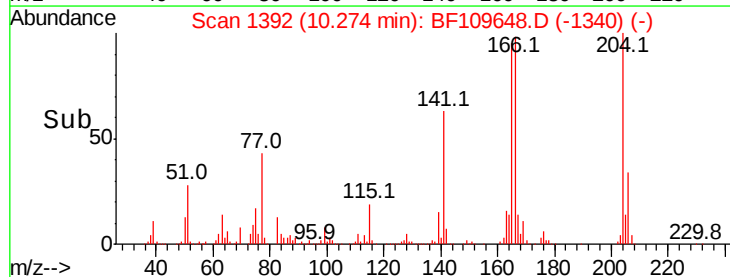
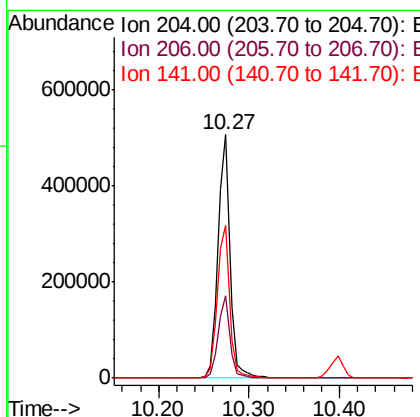
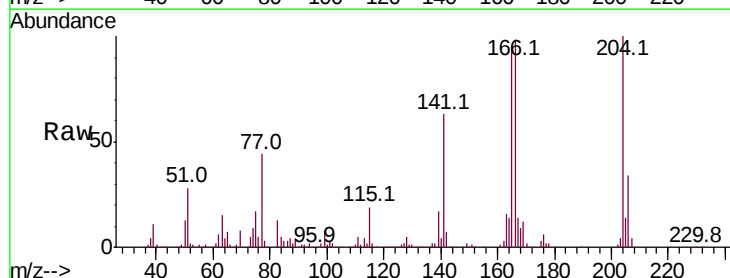
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

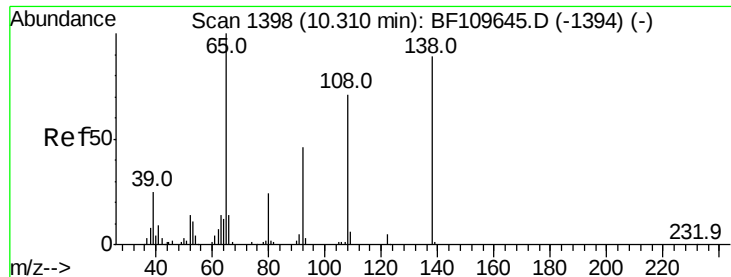
Tot Ion:149 Resp: 1044586
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 12.7 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 68.821 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt Ion:204 Resp: 460430
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 62.7 51.8 77.8

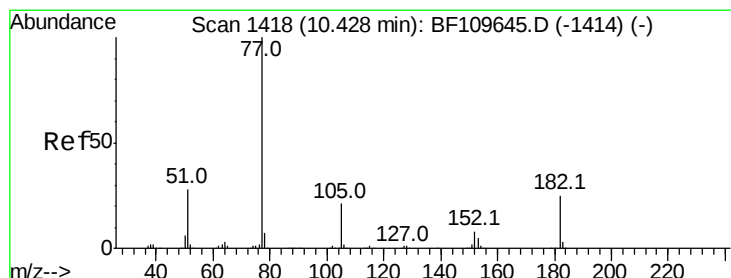
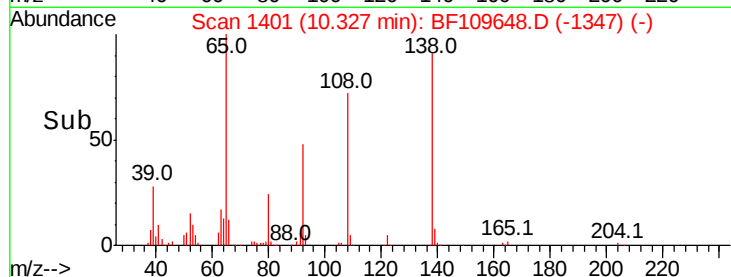
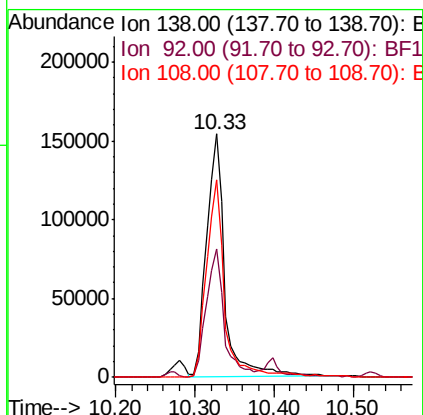
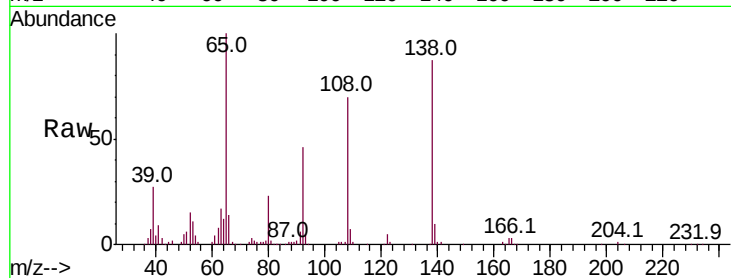




#61
4-Nitroaniline
Concen: 76.795 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.02 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

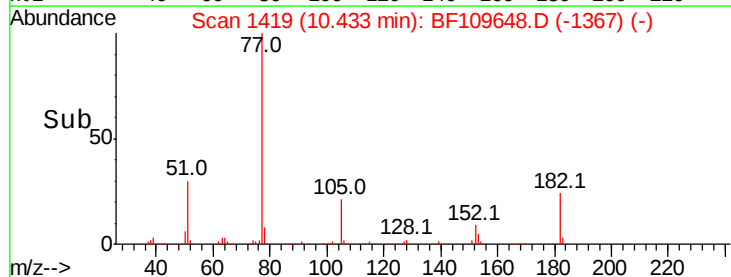
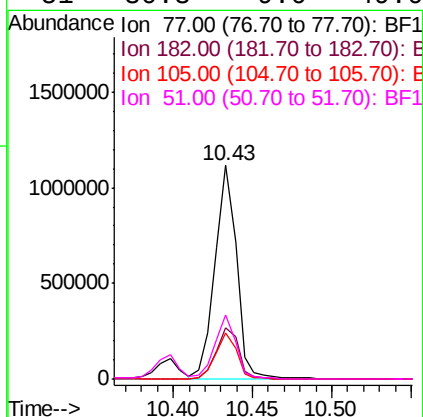
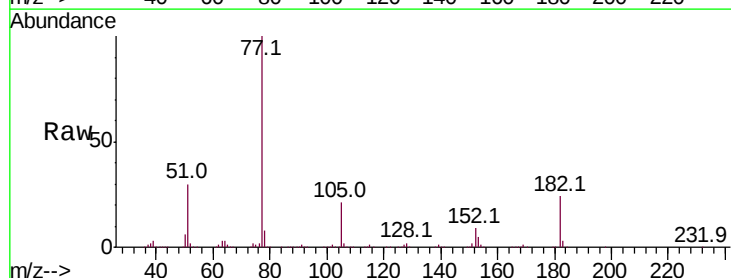
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

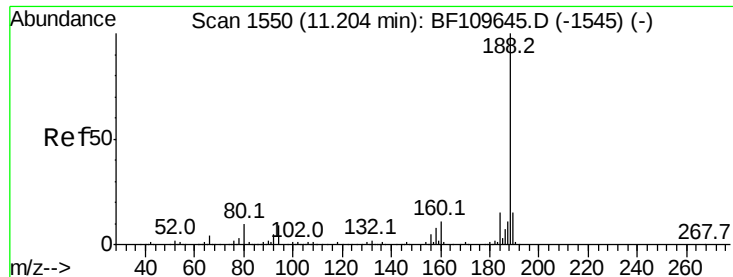
Tot Ion:138 Resp: 248232
Ion Ratio Lower Upper
138 100
92 52.7 31.7 71.7
108 80.9 59.3 99.3



#62
Azobenzene
Concen: 72.989 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt Ion: 77 Resp: 1054895
Ion Ratio Lower Upper
77 100
182 24.3 4.3 44.3
105 21.3 1.3 41.3
51 30.3 9.0 49.0

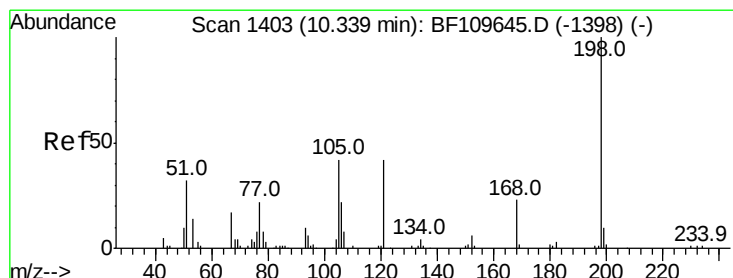
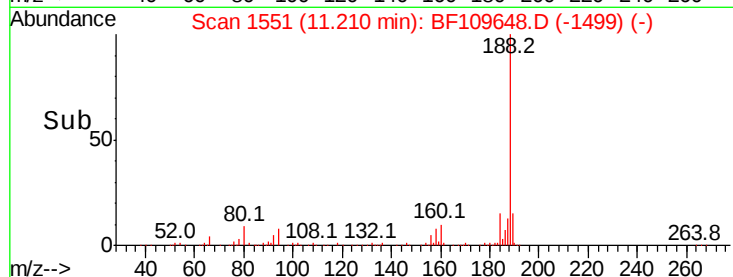
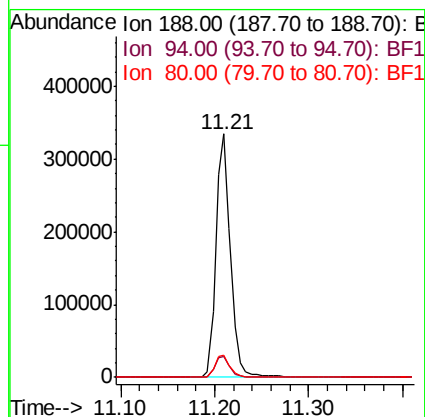
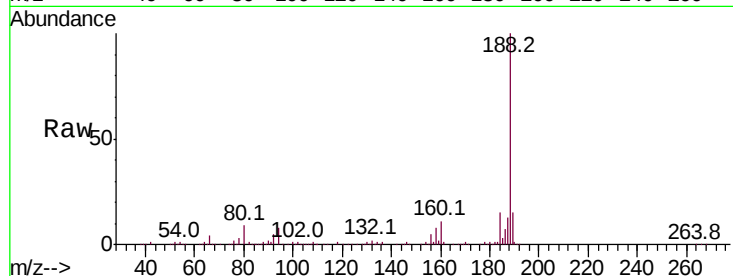




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

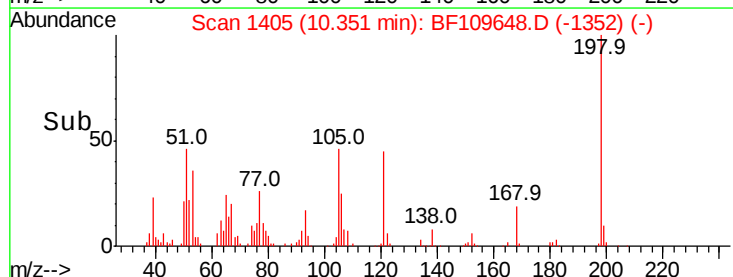
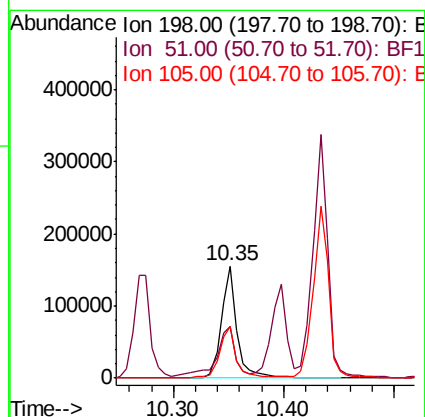
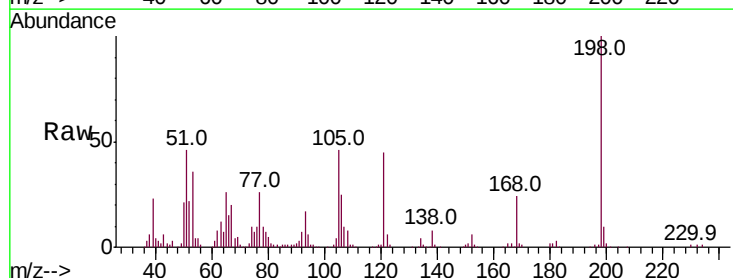
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

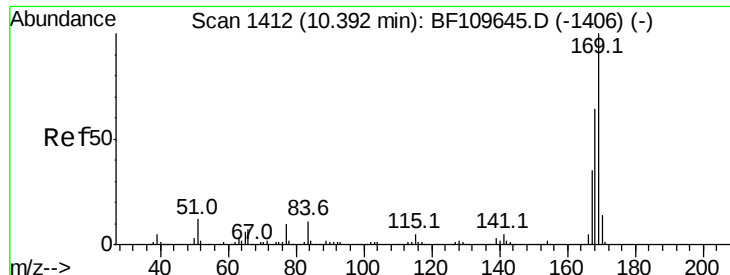
Tot Ion:188 Resp: 364839
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.3 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 85.555 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt Ion:198 Resp: 151925
Ion Ratio Lower Upper
198 100
51 46.0 22.8 62.8
105 45.9 23.6 63.6

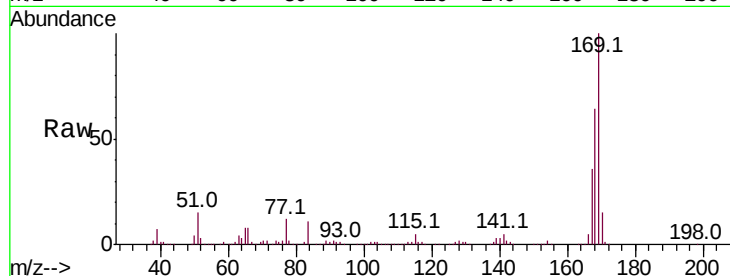




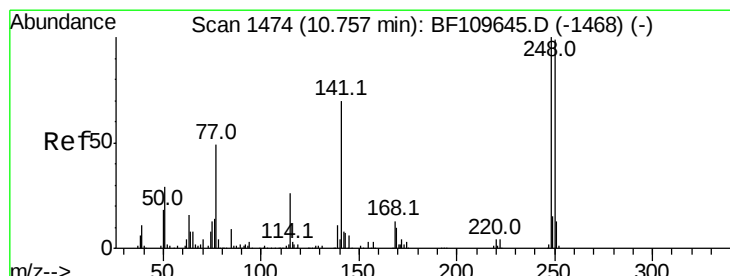
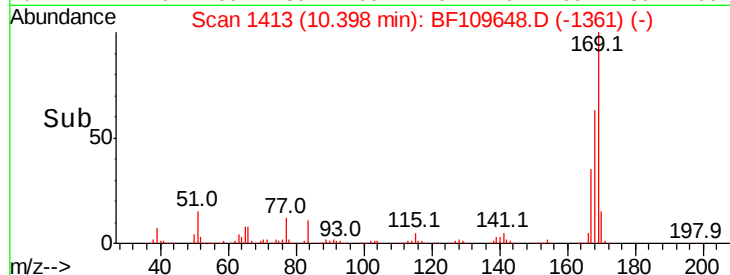
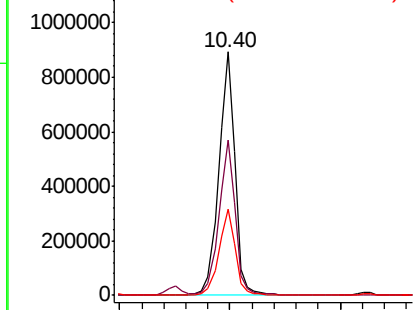
#65
 n-Nitrosodiphenylamine
 Concen: 72.580 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:169 Resp: 897676
 Ion Ratio Lower Upper
 169 100
 168 63.9 51.2 76.8
 167 35.5 27.8 41.6

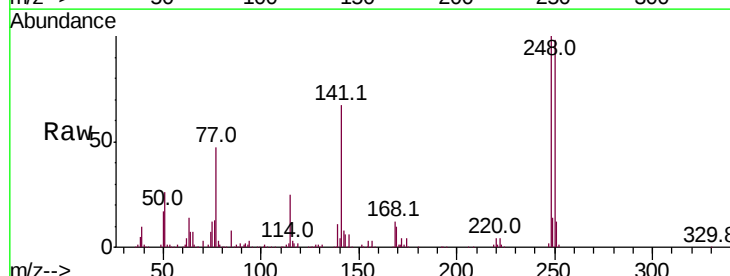


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

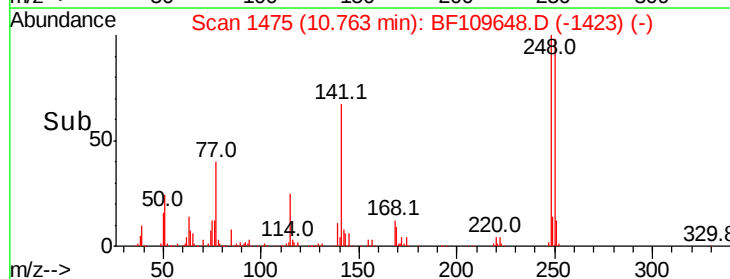
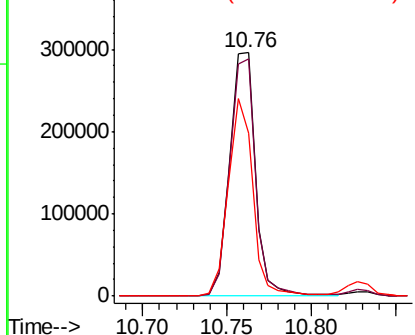


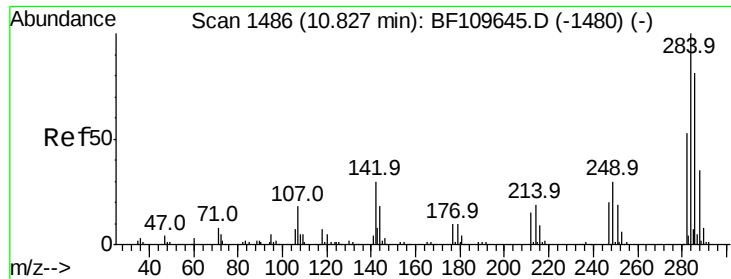
#66
 4-Bromophenyl-phenylether
 Concen: 75.145 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Tgt Ion:248 Resp: 315012
 Ion Ratio Lower Upper
 248 100
 250 97.7 79.4 119.2
 141 67.0 55.9 83.9



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

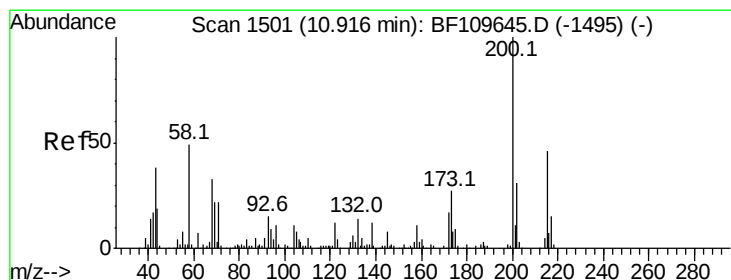
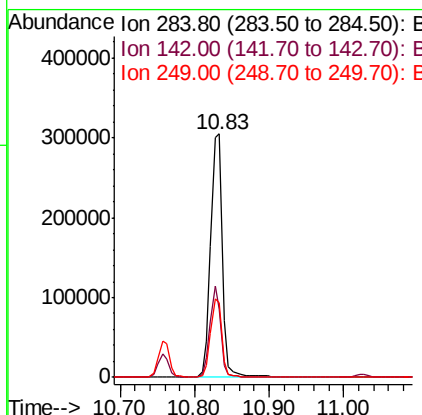
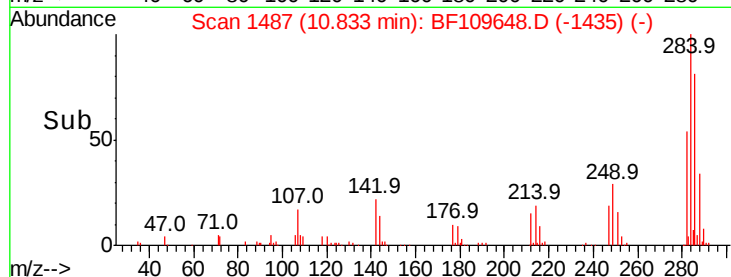
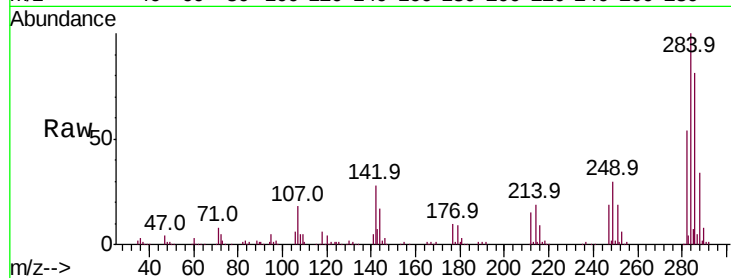




#67
Hexachlorobenzene
Concen: 73.308 ng
RT: 10.83 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

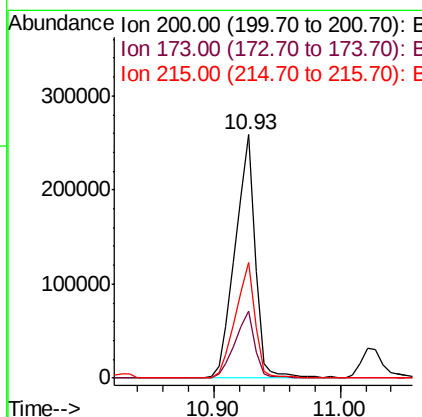
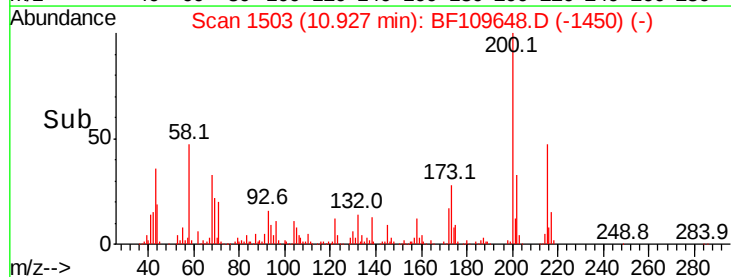
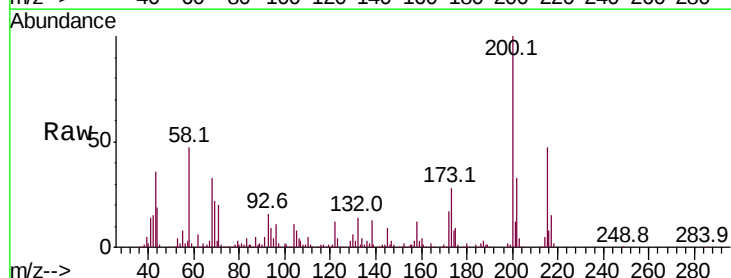
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

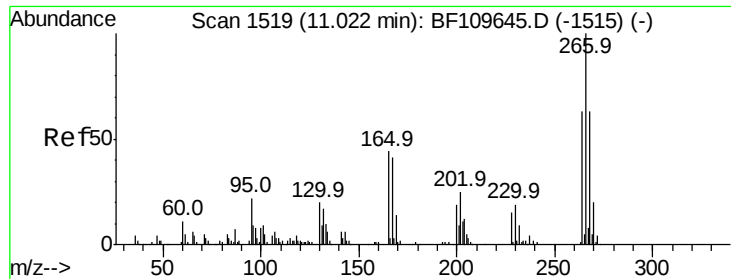
Tot Ion	Ratio	Lower	Upper
284	100		
142	27.9	23.9	35.9
249	30.4	24.2	36.2



#68
Atrazine
Concen: 73.229 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.6	46.6
215	47.4	26.3	66.3

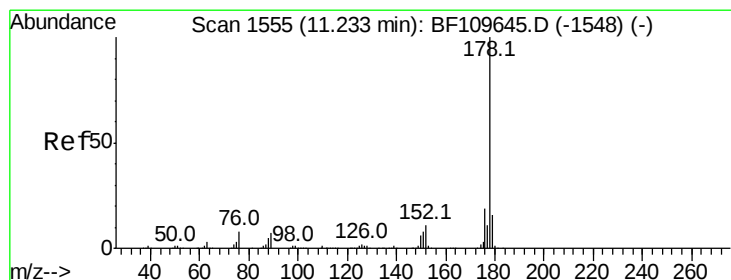
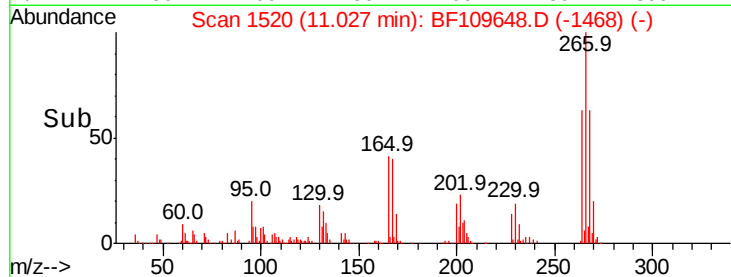
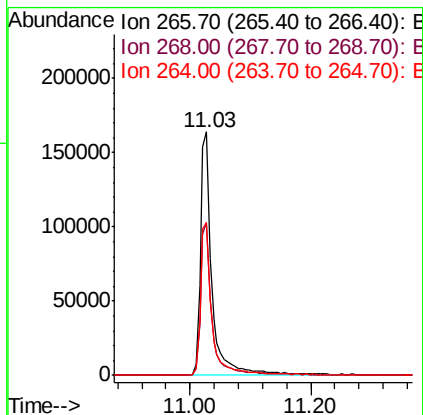
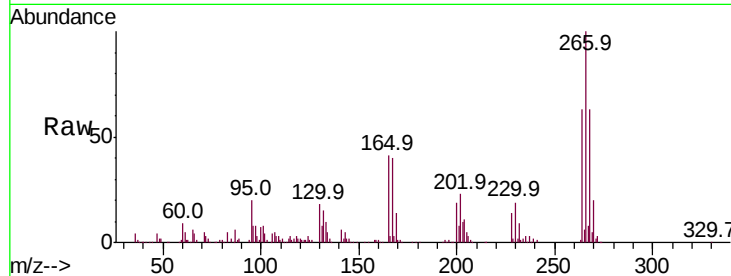




#69
 Pentachlorophenol
 Concen: 86.160 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

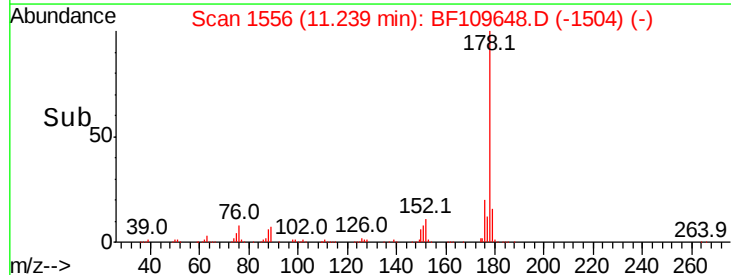
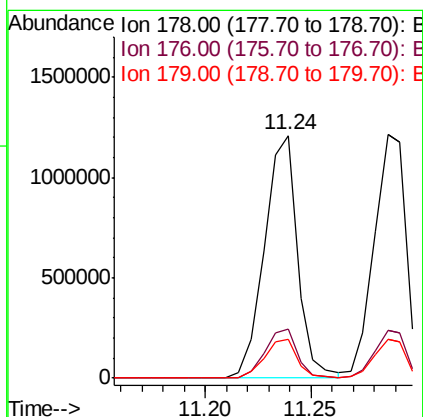
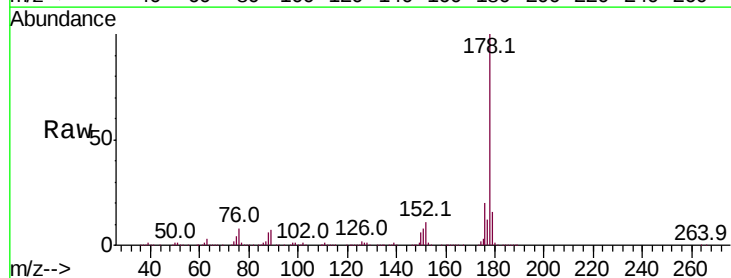
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

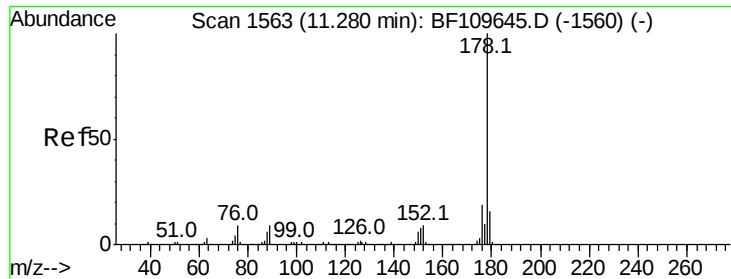
Tot Ion:266 Resp: 220081
 Ion Ratio Lower Upper
 266 100
 268 62.9 50.6 75.8
 264 62.5 50.6 75.8



#70
 Phenanthrene
 Concen: 72.227 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.01 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Tgt Ion:178 Resp: 1318723
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.5 23.3
 179 15.9 12.5 18.7

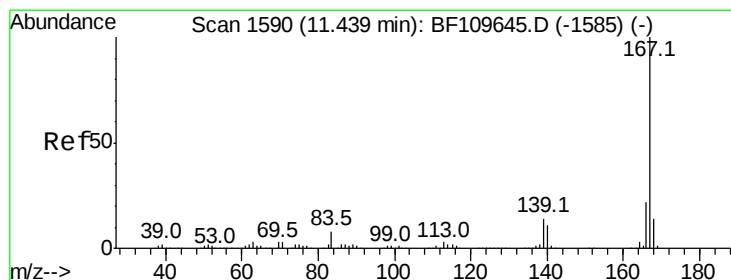
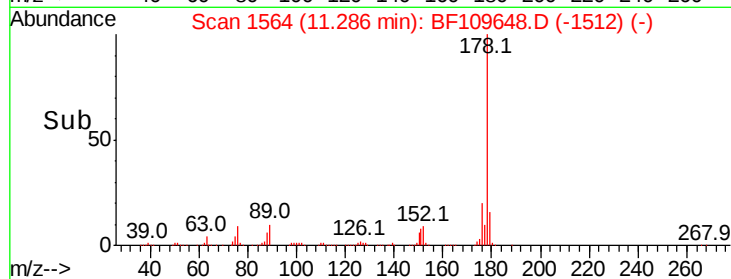
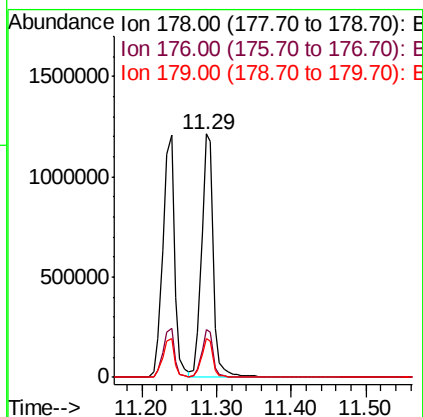
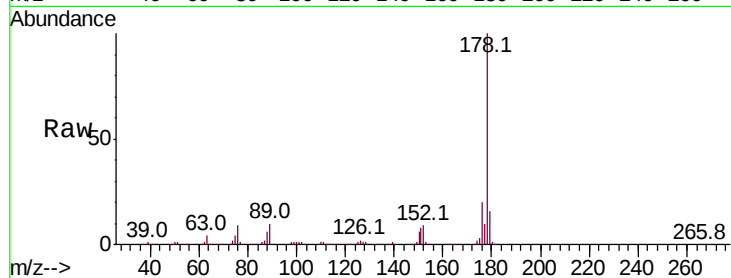




#71
 Anthracene
 Concen: 72.174 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

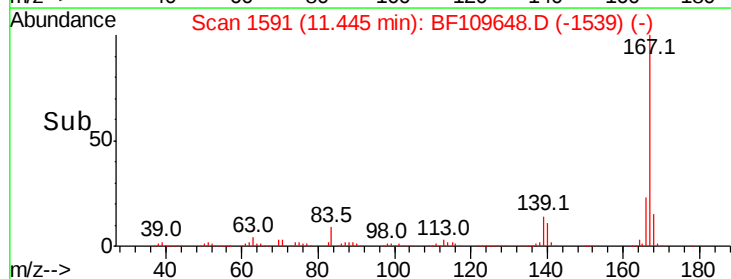
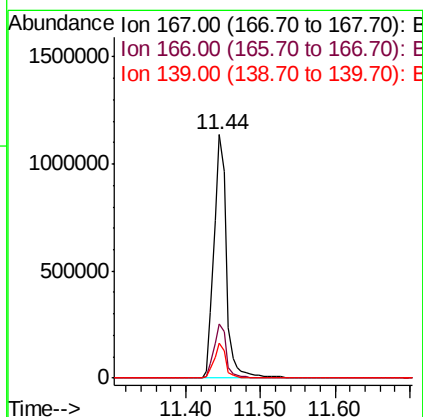
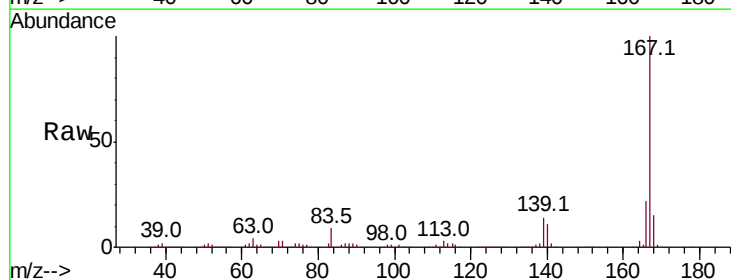
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

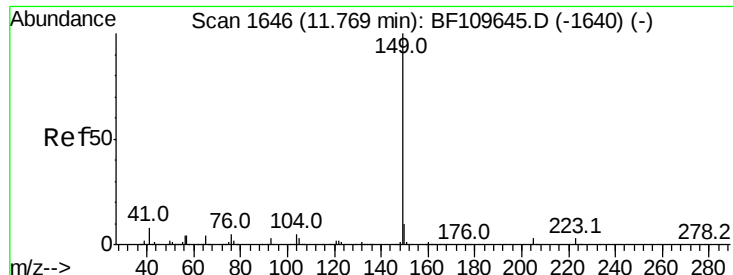
Tot Ion:178 Resp: 1362188
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 16.0 12.6 18.8



#72
 Carbazole
 Concen: 72.123 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Tgt Ion:167 Resp: 1320235
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.4 26.0
 139 14.1 10.9 16.3

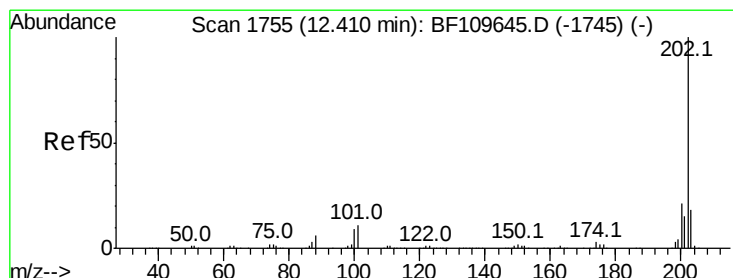
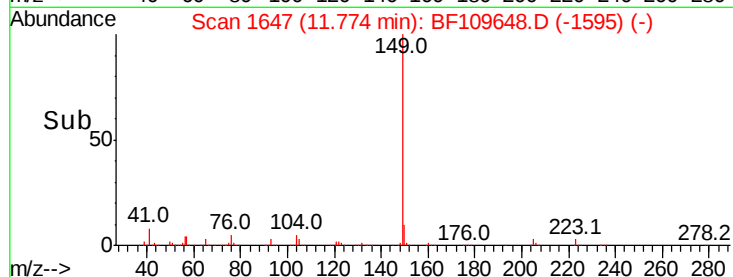
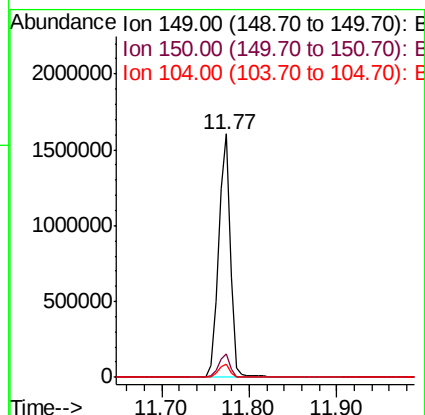
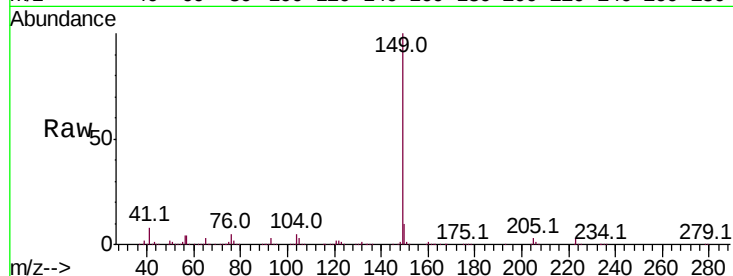




#73
Di-n-butylphthalate
Concen: 70.759 ng
RT: 11.77 min Scan# 1647
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

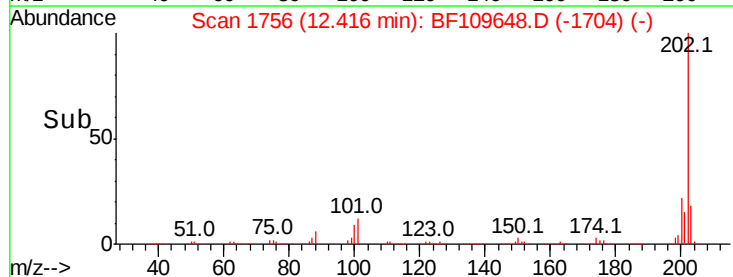
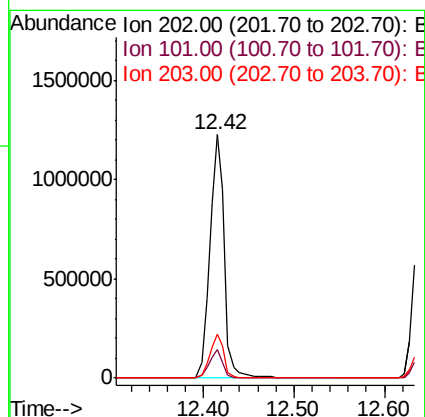
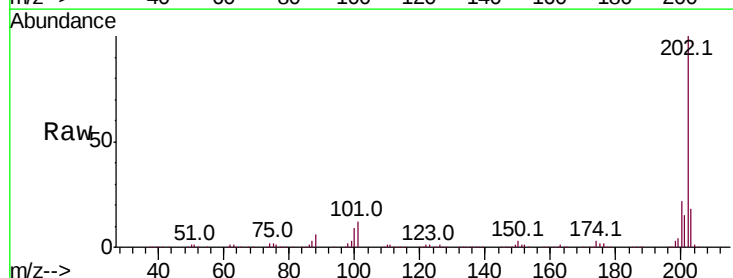
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

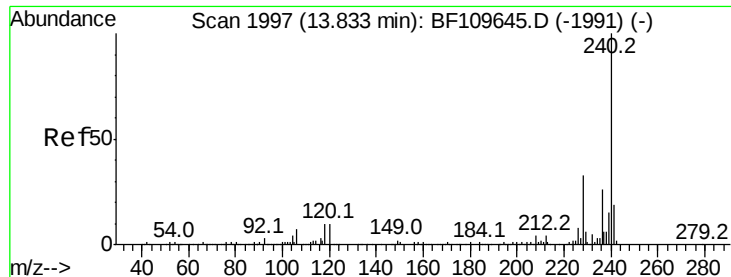
Tot Ion:149 Resp: 1502282
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.5 4.2 6.4



#74
Fluoranthene
Concen: 71.586 ng
RT: 12.42 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt Ion:202 Resp: 1365416
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.4
203 18.2 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

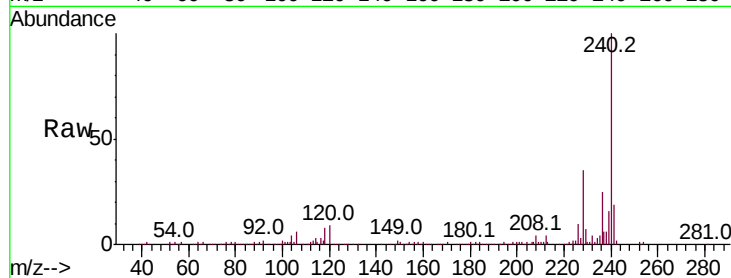
BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:240 Resp: 232577

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.3	12.5
236	25.5	21.2	31.8

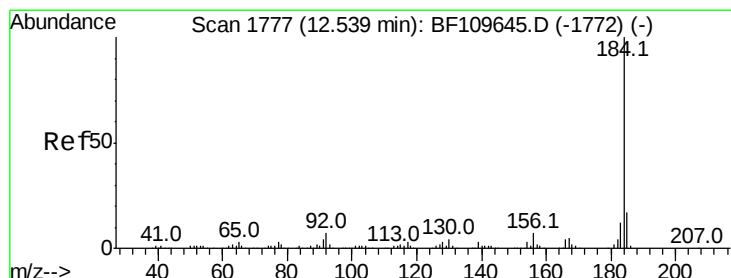
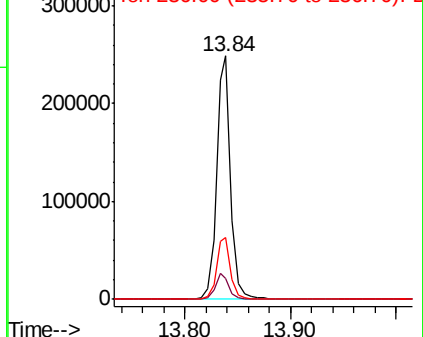
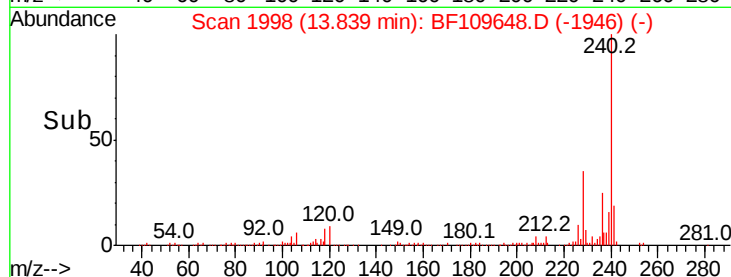


Abundance

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



#76

Benzidine

Concen: 69.218 ng

RT: 12.54 min Scan# 1777

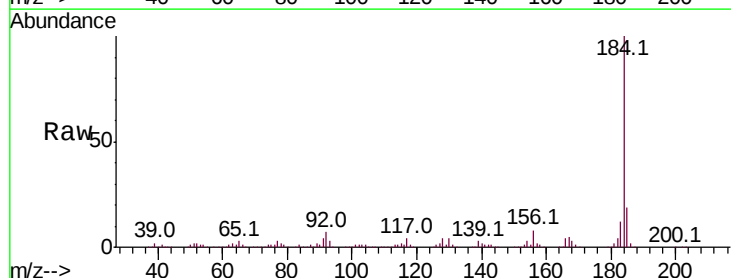
Delta R.T. -0.00 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Tgt Ion:184 Resp: 598021

Ion	Ratio	Lower	Upper
184	100		
185	19.5	13.4	20.2
183	12.0	9.4	14.2

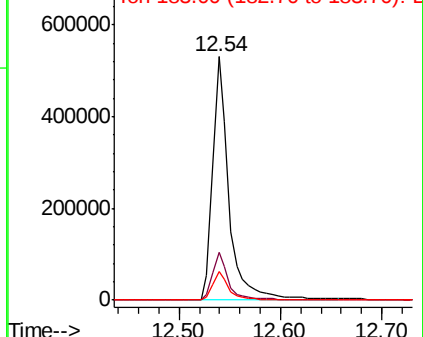
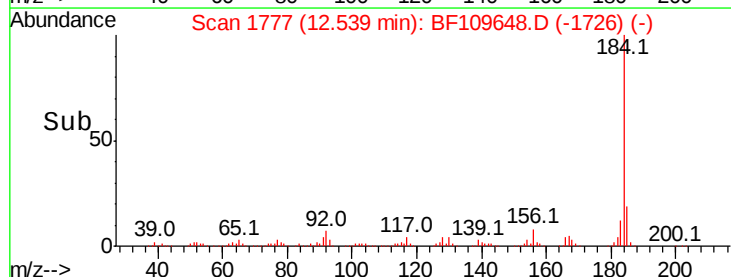


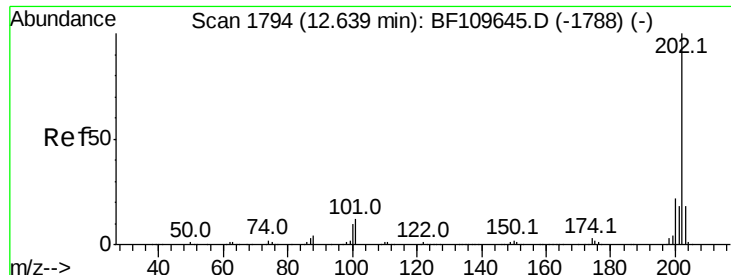
Abundance

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

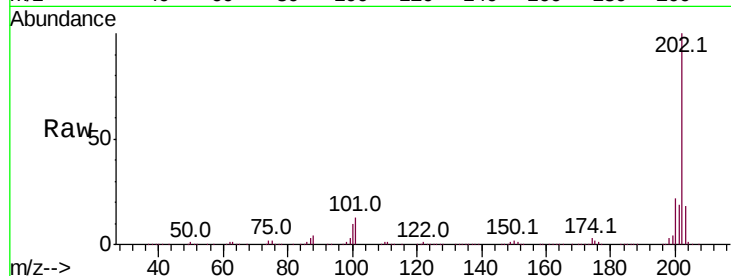




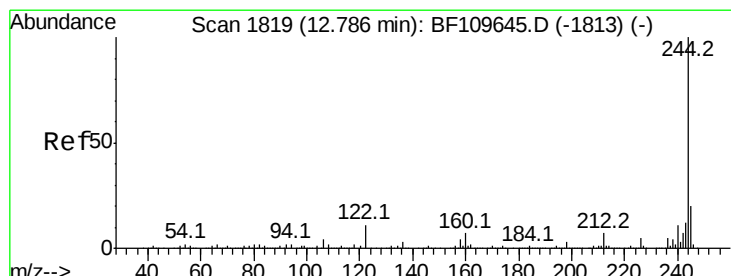
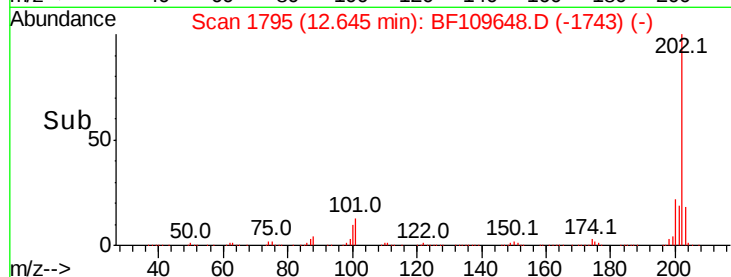
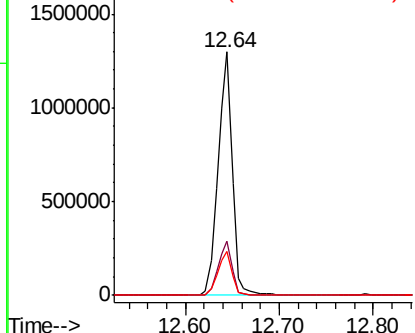
#77
Pvrene
Concen: 80.312 ng
RT: 12.64 min Scan# 1795
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:202 Resp: 1368521
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.6
203 18.0 14.2 21.4

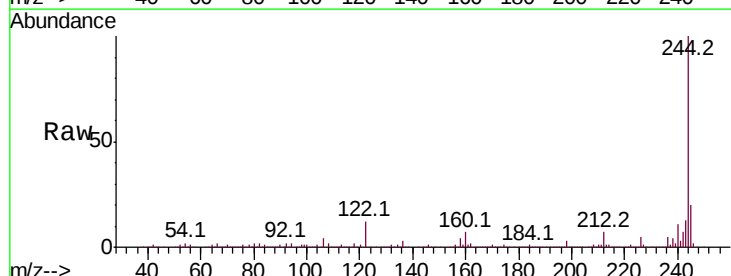


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

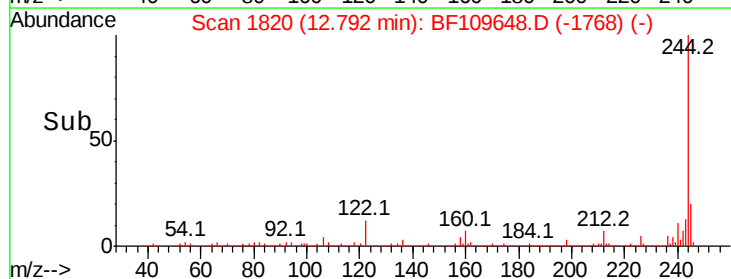
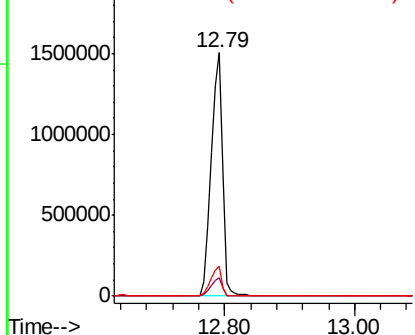


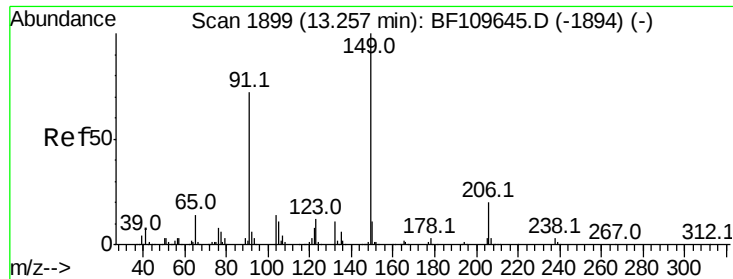
#78
Terphenyl-d14
Concen: 76.194 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt Ion:244 Resp: 1830839
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 12.1 8.7 13.1



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

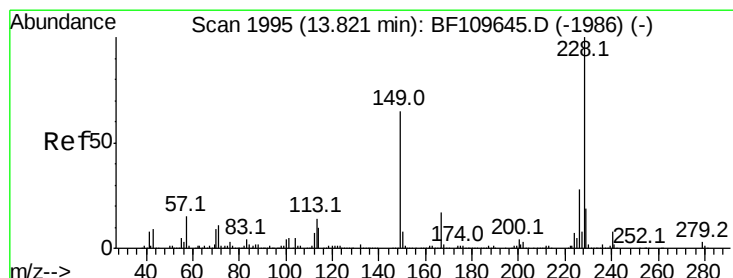
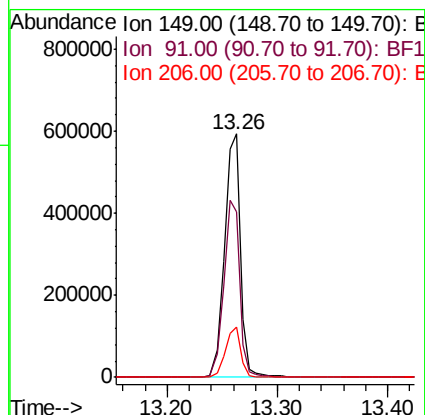
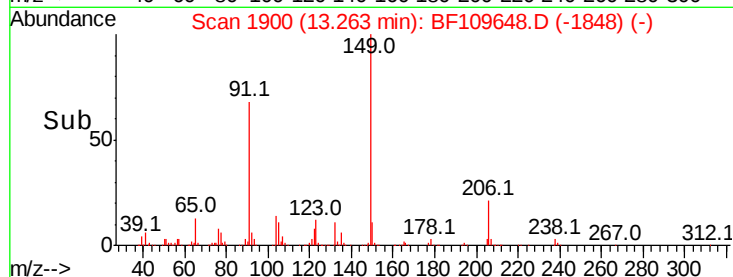
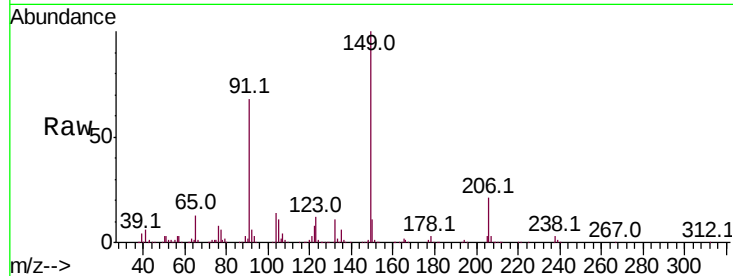




#79
Butylbenzylphthalate
Concen: 81.566 ng
RT: 13.26 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

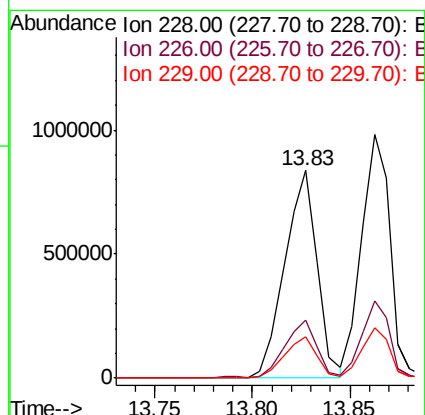
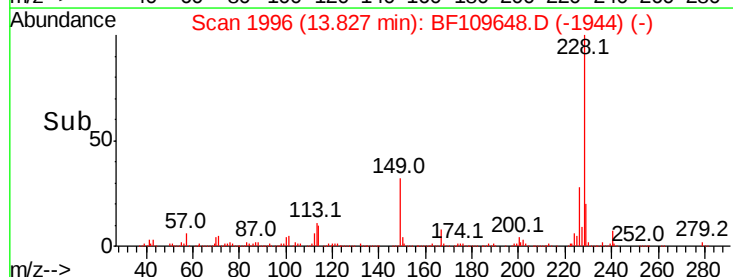
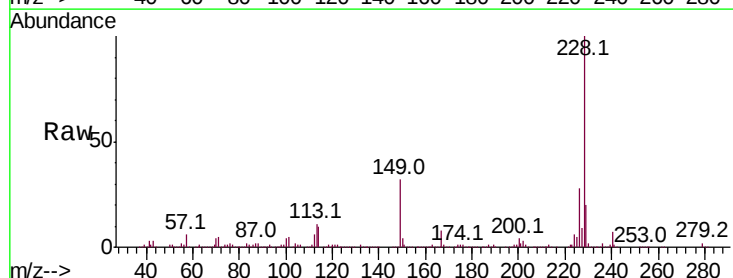
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

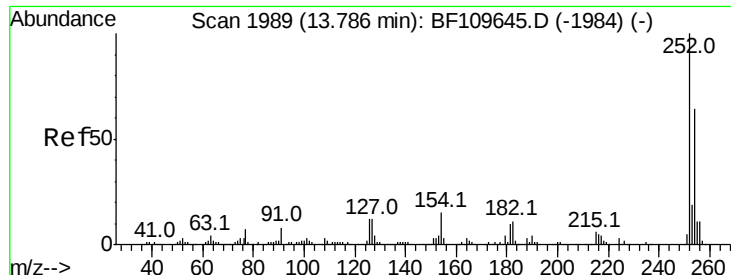
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.2	57.2	85.8
206	20.5	15.7	23.5



#80
Benzo(a)anthracene
Concen: 74.690 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.1	33.1
229	20.2	15.6	23.4

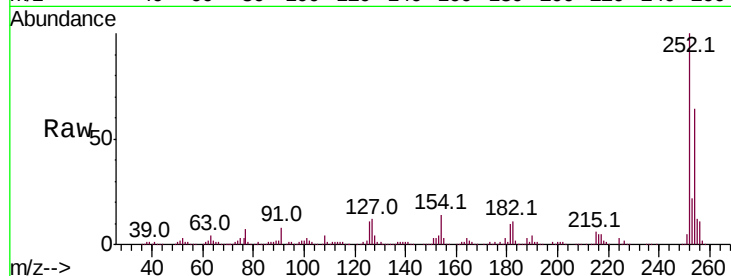




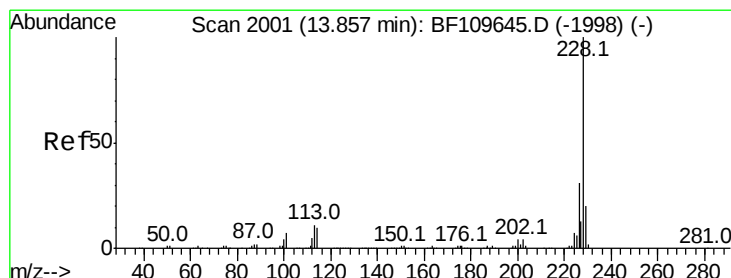
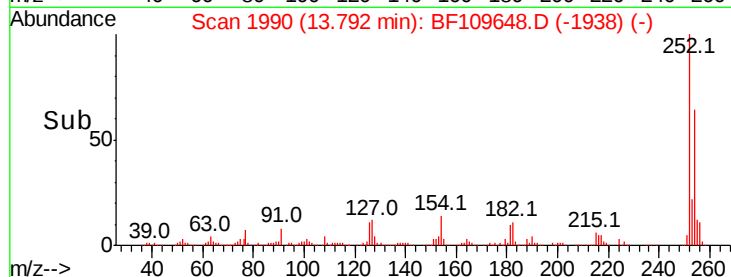
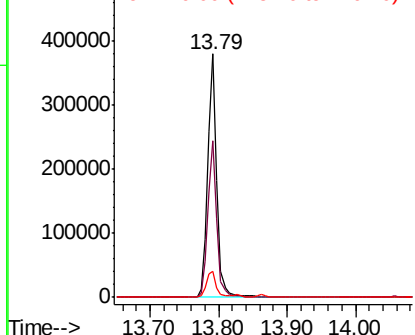
#81
 3,3'-Dichlorobenzidine
 Concen: 69.425 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:252 Resp: 358784
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.3 76.9
 126 10.8 9.4 14.2

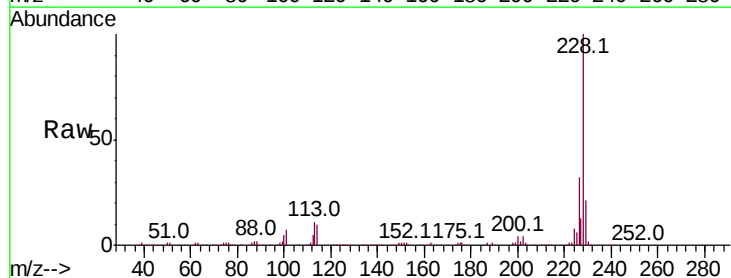


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

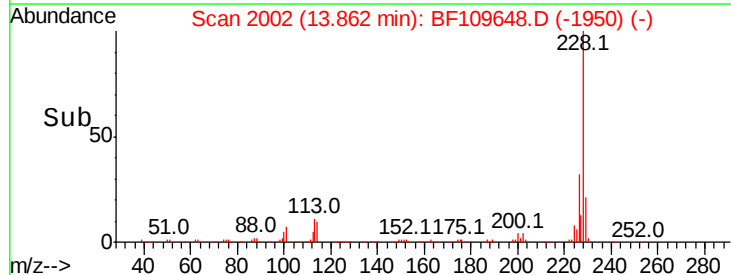
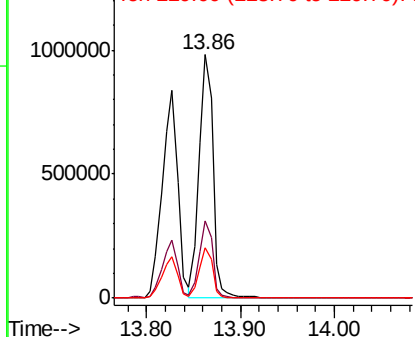


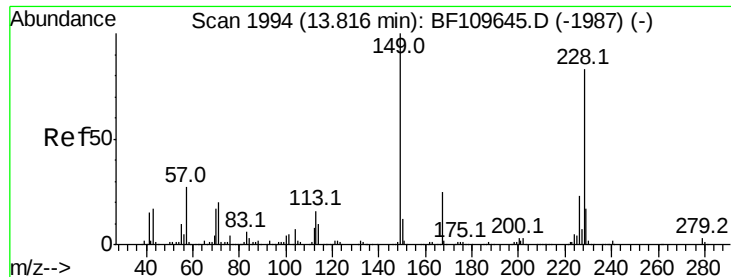
#82
 Chrysene
 Concen: 75.260 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Tgt Ion:228 Resp: 1014599
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.7 37.1
 229 20.5 15.9 23.9



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 76.748 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

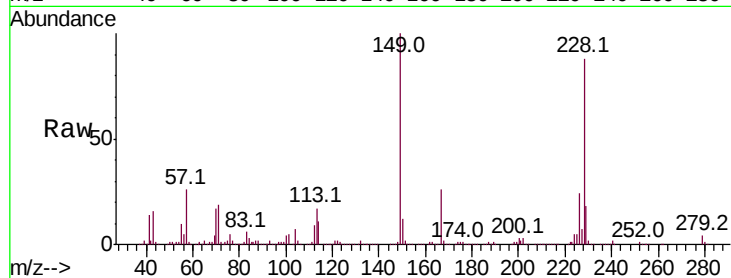
Tot Ion:149 Resp: 691762

Ion Ratio Lower Upper

149 100

167 26.1 19.8 29.8

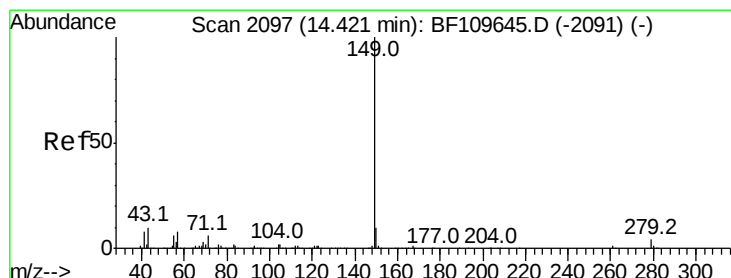
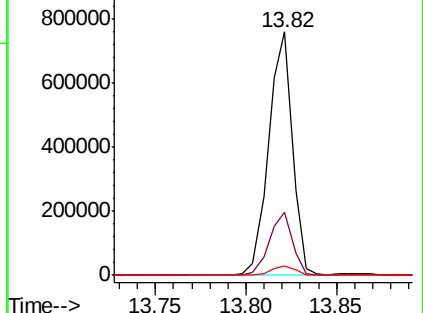
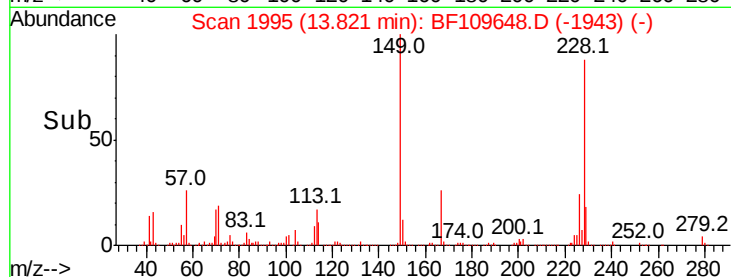
279 4.0 2.7 4.1



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



#84

Di-n-octyl phthalate

Concen: 75.469 ng

RT: 14.43 min Scan# 2098

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

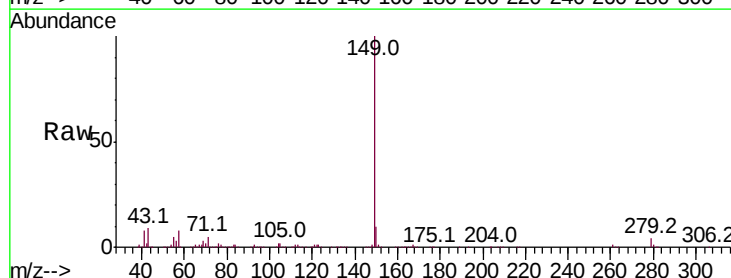
Tgt Ion:149 Resp: 1075201

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

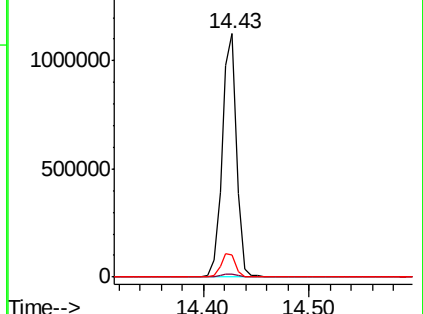
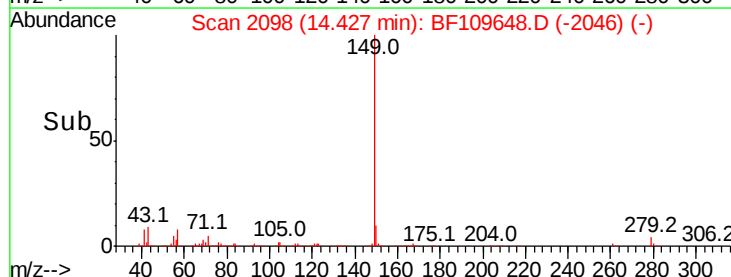
43 9.9 7.8 11.8

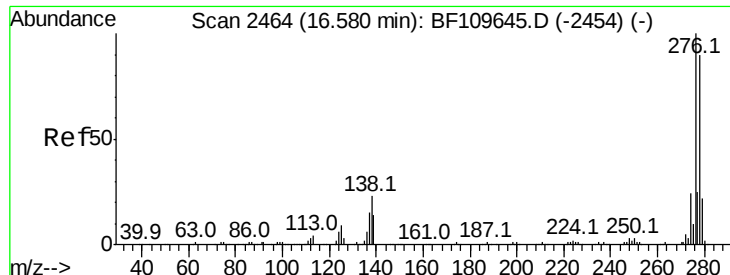


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

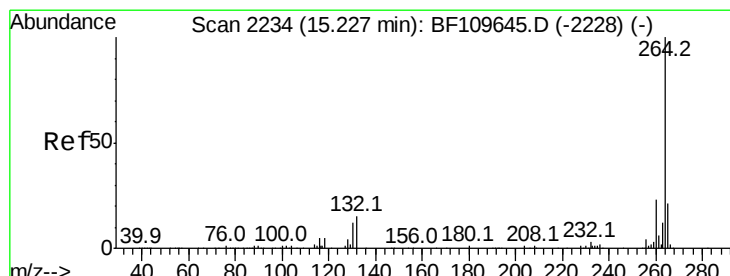
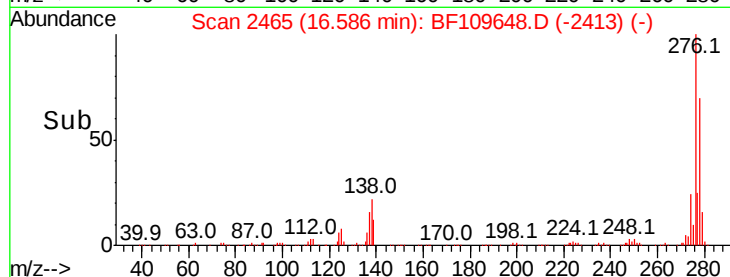
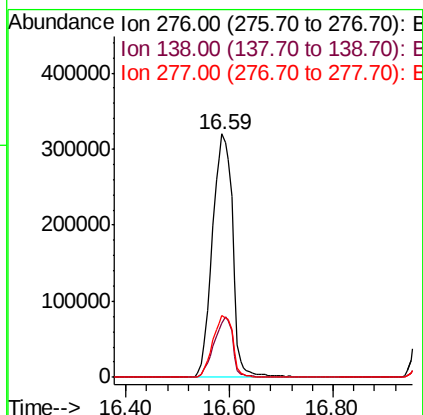
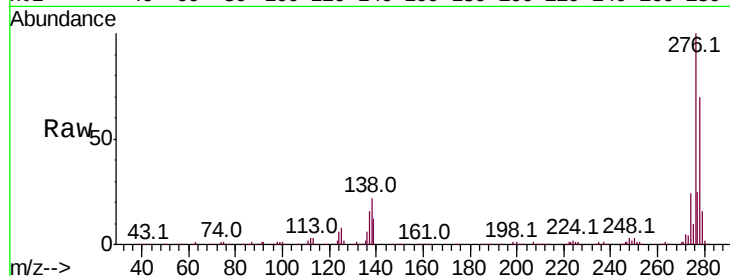




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 89.987 ng
 RT: 16.59 min Scan# 2465
 Delta R.T. 0.01 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

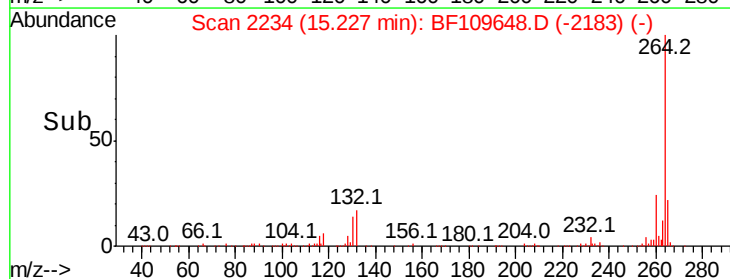
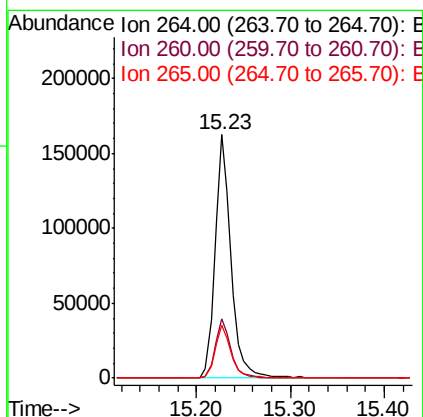
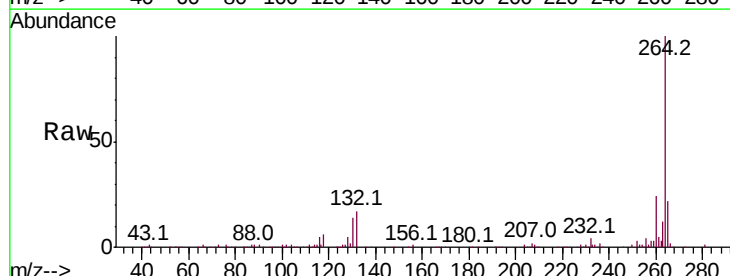
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

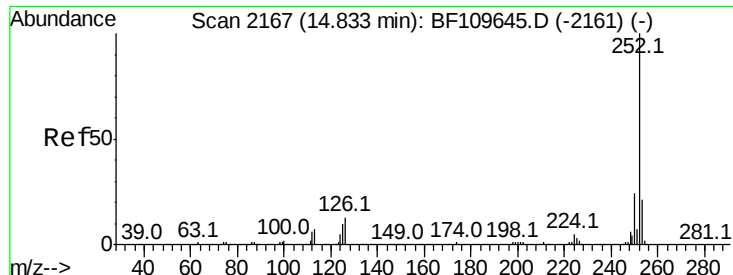
Tot Ion:276 Resp: 868311
 Ion Ratio Lower Upper
 276 100
 138 23.0 18.5 27.7
 277 25.2 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109648.D
 Acq: 8 Oct 2018 15:18

Tgt Ion:264 Resp: 194950
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.9 16.7 25.1

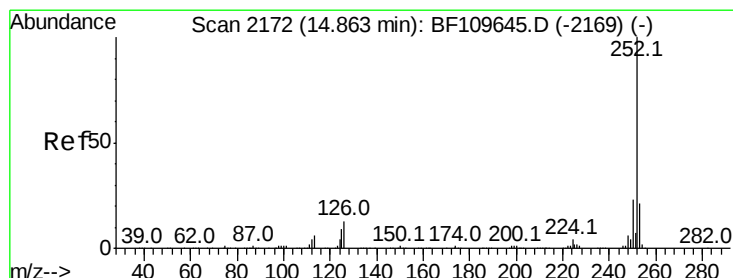
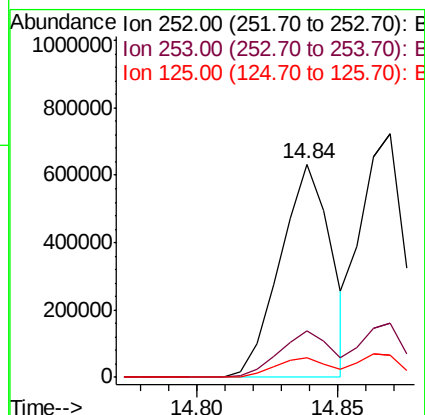
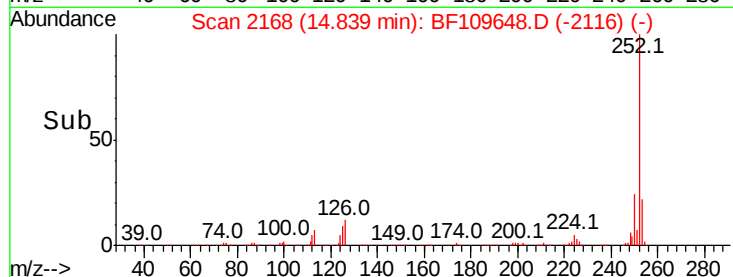
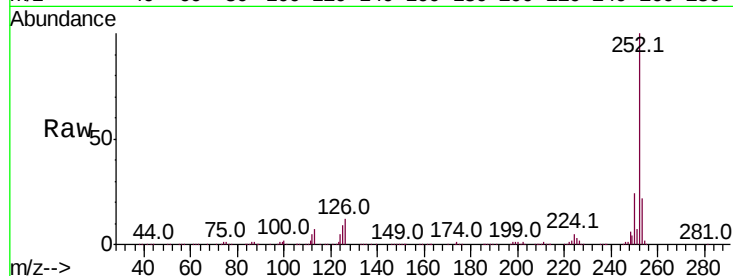




#87
Benzo(b)fluoranthene
Concen: 73.787 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

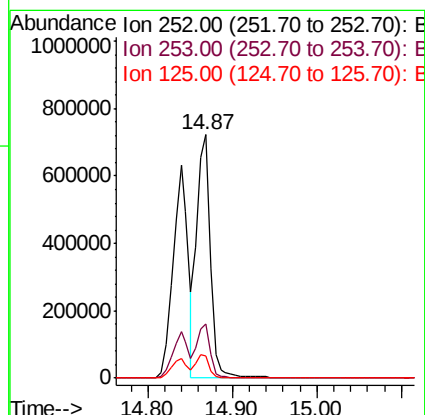
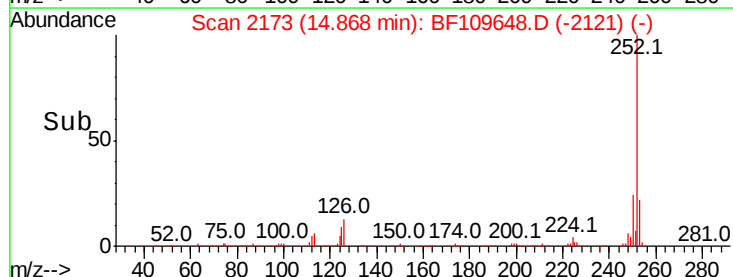
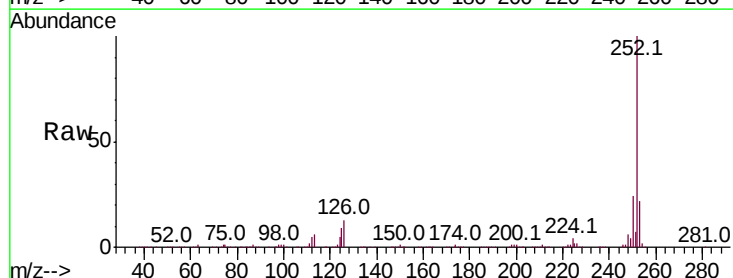
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

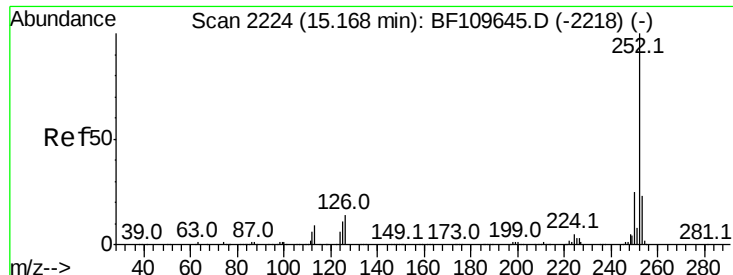
Tot Ion:252 Resp: 794928
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.4 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 73.583 ng
RT: 14.87 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt Ion:252 Resp: 796501
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 9.2 7.4 11.0

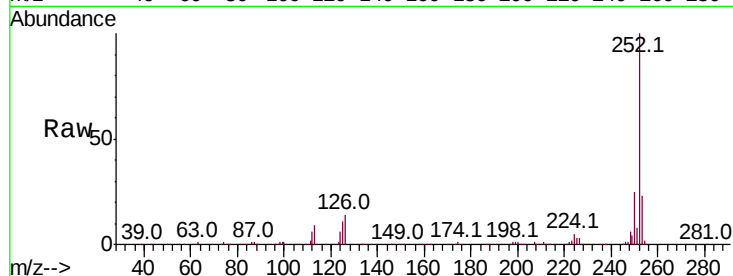




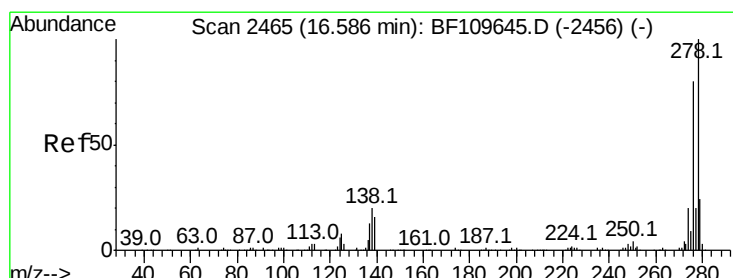
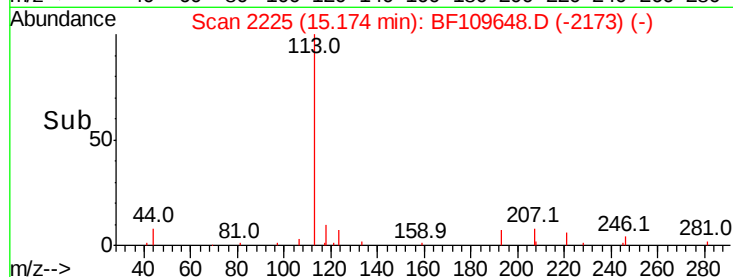
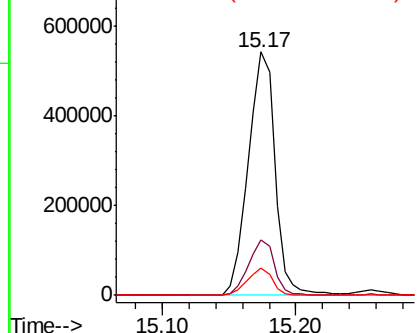
#89
Benzo(a)pyrene
Concen: 76.490 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	11.3	9.0	13.6

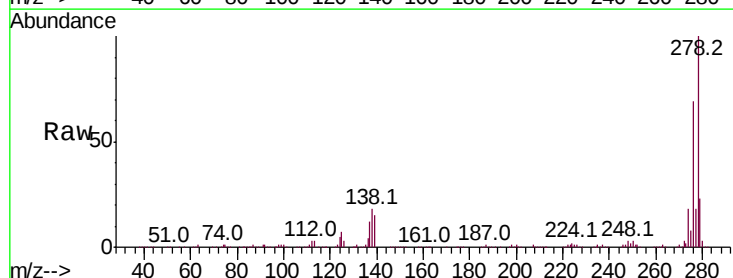


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

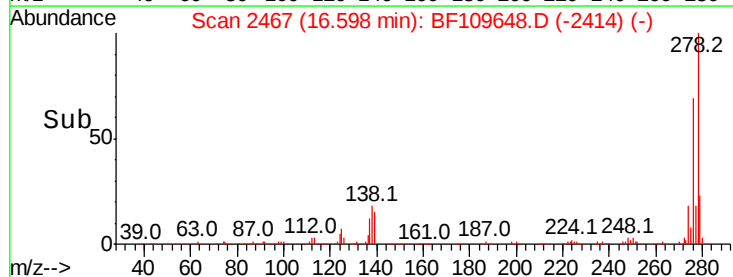
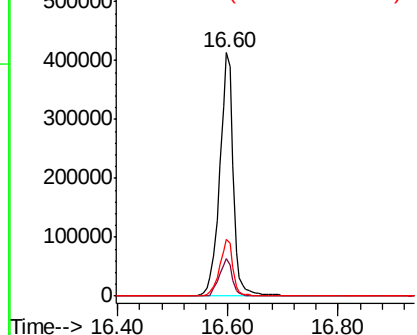


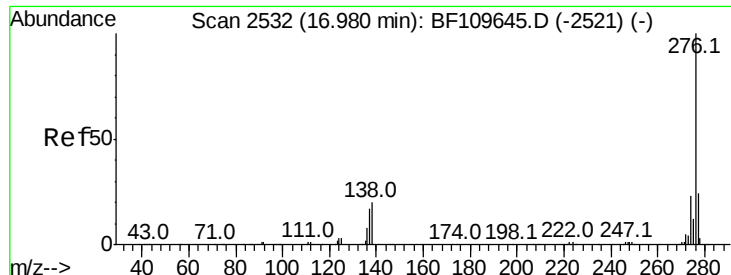
#90
Dibenzo(a,h)anthracene
Concen: 88.534 ng
RT: 16.60 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BF109648.D
Acq: 8 Oct 2018 15:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.7	19.1
279	23.2	19.0	28.4



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





#91

Benzo(a,h,i)perylene

Concen: 93.134 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF109648.D

Acq: 8 Oct 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

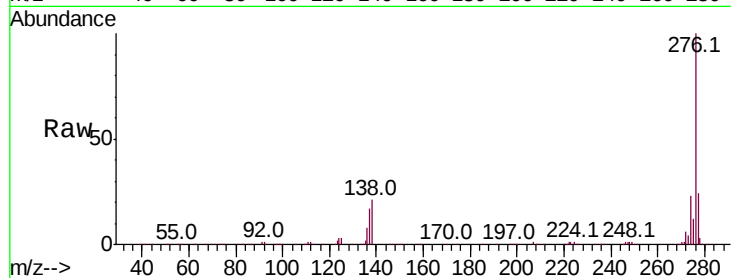
Tot Ion:276 Resp: 746738

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 20.6 16.0 24.0



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

