

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112100.D
 Acq On : 17 Jan 2019 21:03
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 18 00:10:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	290933	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1037853	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	455551	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	724483	20.00	ng	0.00
76) Chrysene-d12	14.03	240	641706	20.00	ng	0.00
87) Perylene-d12	15.50	264	505799	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1266487	79.01	ng	0.00
7) Phenol-d6	6.51	99	1538041	76.69	ng	0.00
23) Nitrobenzene-d5	7.43	82	1348497	89.77	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	355810	72.40	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2488016	80.07	ng	0.00
79) Terphenyl-d14	12.97	244	2241227	74.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	285336	37.956	ng	99
3) Pyridine	3.36	79	740295	39.318	ng	99
4) n-Nitrosodimethylamine	3.30	42	294852	38.569	ng	99
6) Aniline	6.52	93	926717	37.993	ng	# 61
8) 2-Chlorophenol	6.66	128	727614	39.085	ng	99
9) Benzaldehyde	6.41	77	447016	42.584	ng	100
10) Phenol	6.52	94	838049	38.236	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	676894	38.842	ng	98
12) 1,3-Dichlorobenzene	6.80	146	832961	39.207	ng	99
13) 1,4-Dichlorobenzene	6.88	146	840999	38.700	ng	99
14) 1,2-Dichlorobenzene	7.03	146	774653	38.699	ng	97
15) Benzyl Alcohol	7.00	79	581988	38.951	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	955047	38.002	ng	99
17) 2-Methylphenol	7.12	107	545125	38.992	ng	99
18) Hexachloroethane	7.37	117	243474	33.568	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	468072	38.312	ng	99
20) 3+4-Methylphenols	7.27	107	678161	40.007	ng	94
22) Acetophenone	7.27	105	951045	39.554	ng	98
24) Nitrobenzene	7.45	77	696176	43.728	ng	97
25) Isophorone	7.68	82	1118160	38.537	ng	99
26) 2-Nitrophenol	7.76	139	325588	40.785	ng	98
27) 2,4-Dimethylphenol	7.80	122	542980	40.315	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	795412	39.964	ng	99
29) 2,4-Dichlorophenol	8.01	162	586162	39.840	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	670293	39.257	ng	99
31) Naphthalene	8.17	128	1831261	38.794	ng	99
32) Benzoic acid	7.90	122	80147	20.232	ng	98
33) 4-Chloroaniline	8.22	127	807089	38.044	ng	99
34) Hexachlorobutadiene	8.29	225	376816	39.656	ng	98
35) Caprolactam	8.58	113	194429	37.757	ng	88
36) 4-Chloro-3-methylphenol	8.70	107	546504	38.030	ng	98
37) 2-Methylnaphthalene	8.86	142	1214469	37.888	ng	99
38) 1-Methylnaphthalene	8.96	142	1151354	37.374	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	623740	42.639	ng	99

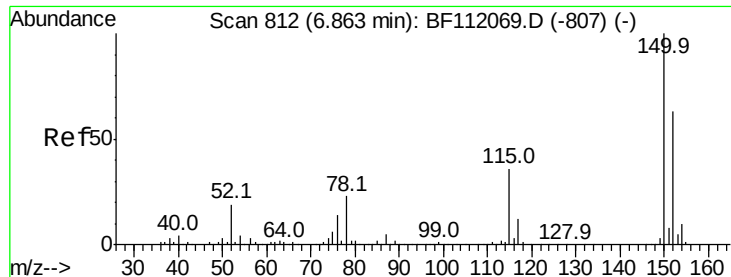
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112100.D
 Acq On : 17 Jan 2019 21:03
 Operator : JU/SJ
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

Quant Time: Jan 18 00:10:22 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	11367	9.613	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	379244	43.337	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	376749	40.422	ng	100
46) 1,1'-Biphenyl	9.32	154	1592192	41.799	ng	99
47) 2-Chloronaphthalene	9.35	162	1223240	41.025	ng	99
48) 2-Nitroaniline	9.44	65	325570	48.476	ng	89
49) Acenaphthylene	9.76	152	1696241	38.984	ng	100
50) Dimethylphthalate	9.62	163	1393935	41.958	ng	100
51) 2,6-Dinitrotoluene	9.68	165	284910	42.943	ng	90
52) Acenaphthene	9.93	154	1034079	38.843	ng	99
53) 3-Nitroaniline	9.85	138	332567	44.825	ng	91
54) 2,4-Dinitrophenol	9.96	184	3885	10.712	ng	# 36
55) Dibenzofuran	10.10	168	1551012	38.525	ng	98
56) 4-Nitrophenol	10.03	139	167151	34.949	ng	94
57) 2,4-Dinitrotoluene	10.09	165	322625	38.847	ng	92
58) Fluorene	10.45	166	1107913	36.832	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	258028	36.687	ng	98
60) Diethylphthalate	10.32	149	1314230	40.526	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	631283	38.892	ng	99
62) 4-Nitroaniline	10.46	138	299029	40.589	ng	97
63) Azobenzene	10.60	77	1133951	36.513	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	17212	14.571	ng	86
66) n-Nitrosodiphenylamine	10.56	169	1069821	44.668	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	365517	43.435	ng	96
68) Hexachlorobenzene	11.00	284	367199	40.508	ng	98
69) Atrazine	11.08	200	314947	40.750	ng	99
70) Pentachlorophenol	11.20	266	150645	38.031	ng	98
71) Phenanthrene	11.41	178	1441223	39.529	ng	99
72) Anthracene	11.46	178	1448785	39.226	ng	99
73) Carbazole	11.62	167	1416317	38.280	ng	99
74) Di-n-butylphthalate	11.94	149	1808349	43.450	ng	99
75) Fluoranthene	12.60	202	1453541	37.758	ng	99
77) Benzidine	12.72	184	798647	37.302	ng	97
78) Pyrene	12.83	202	1531790	36.181	ng	100
80) Butylbenzylphthalate	13.44	149	731789	39.400	ng	95
81) Benzo(a)anthracene	14.02	228	1409828	38.317	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	606686	44.029	ng	98
83) Chrysene	14.06	228	1339255	38.468	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1076891	40.456	ng	99
85) Di-n-octyl phthalate	14.61	149	1763830	43.006	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	989495	30.806	ng	100
88) Benzo(b)fluoranthene	15.07	252	1186253	41.317	ng	99
89) Benzo(k)fluoranthene	15.10	252	1123015	40.413	ng	98
90) Benzo(a)pyrene	15.44	252	1034035	39.272	ng	98
91) Dibenzo(a,h)anthracene	17.00	278	844568	36.115	ng	99
92) Benzo(g,h,i)perylene	17.43	276	786656	34.144	ng	99

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

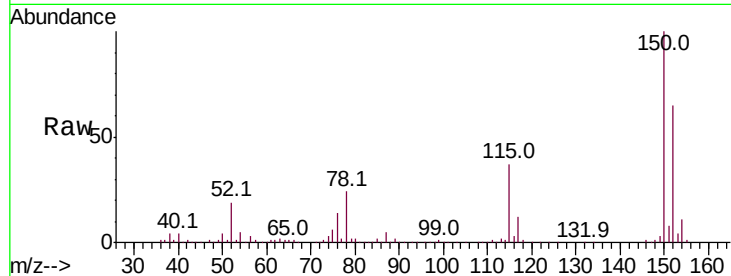


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.4	191.0
115	57.7	45.5	68.3

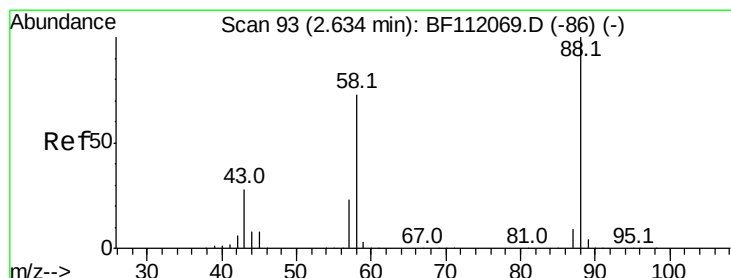
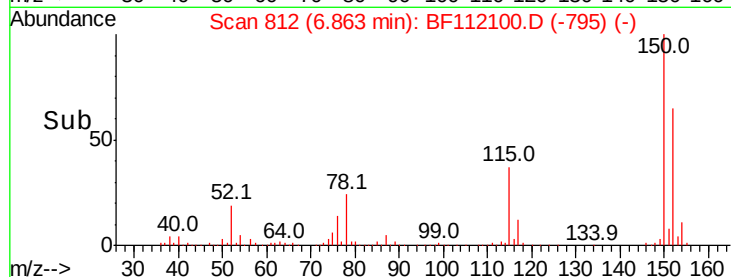
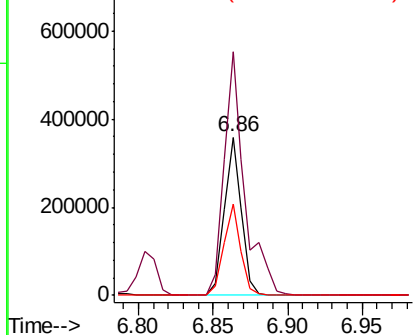


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

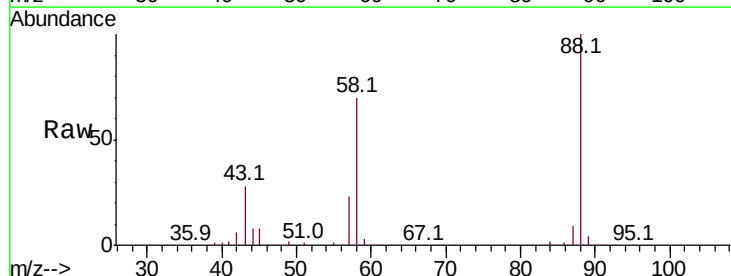
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.956 ng
RT: 2.60 min Scan# 87
Delta R.T. -0.04 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	57.4	86.2
43	28.1	22.2	33.4

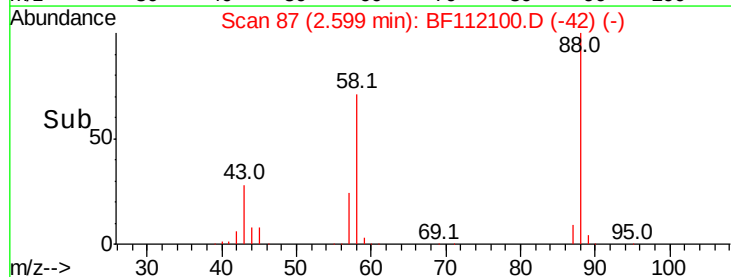
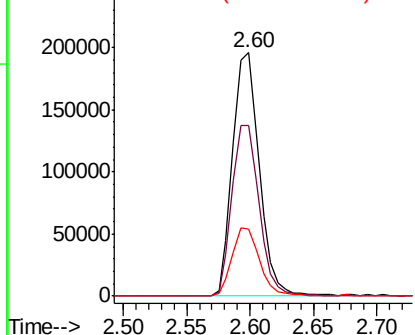


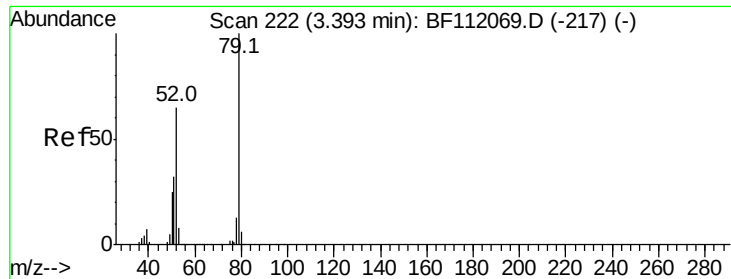
Abundance

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: 39.318 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.04 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

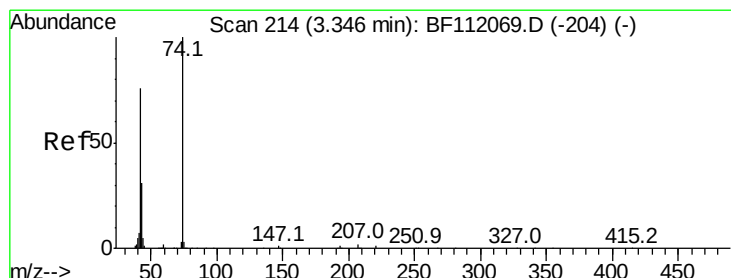
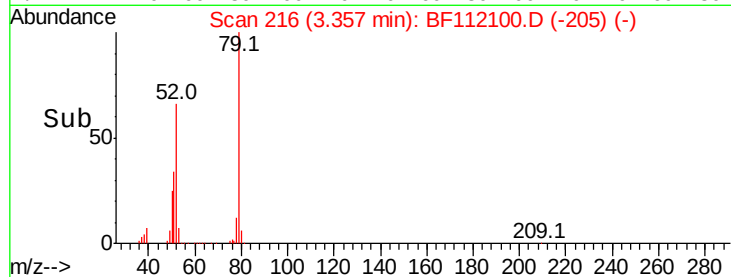
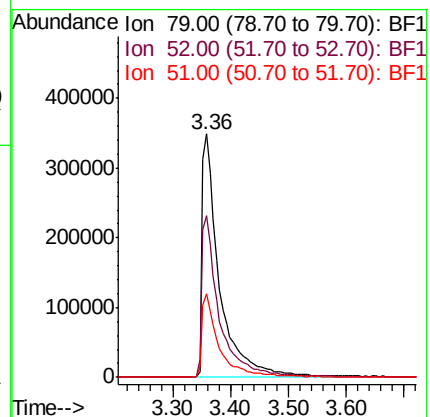
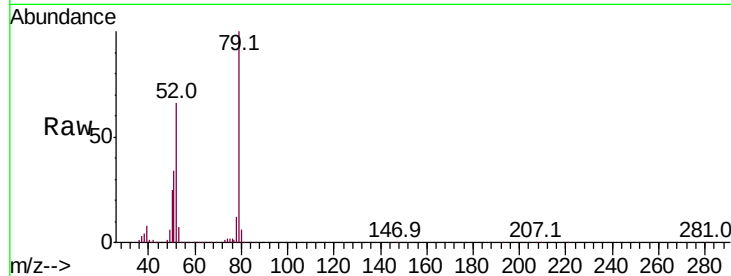
Tot Ion: 79 Resp: 740295

Ion Ratio Lower Upper

79 100

52 66.2 52.4 78.6

51 34.2 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 38.569 ng

RT: 3.30 min Scan# 207

Delta R.T. -0.04 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

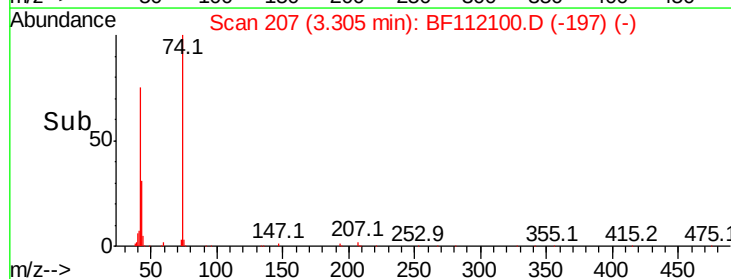
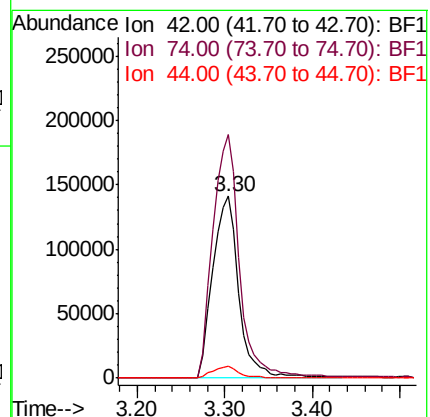
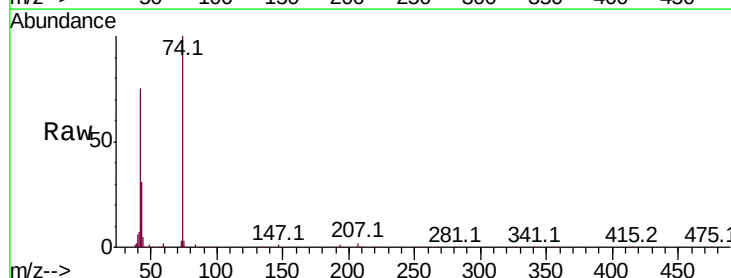
Tgt Ion: 42 Resp: 294852

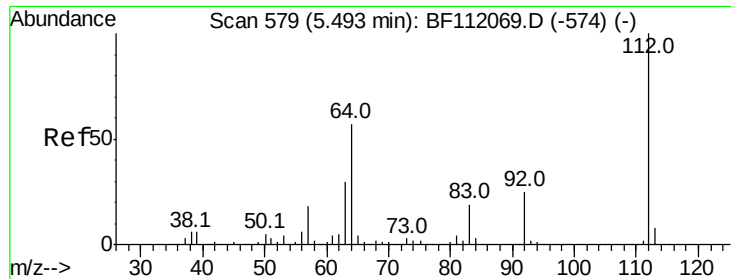
Ion Ratio Lower Upper

42 100

74 133.7 105.6 158.4

44 6.7 5.4 8.2

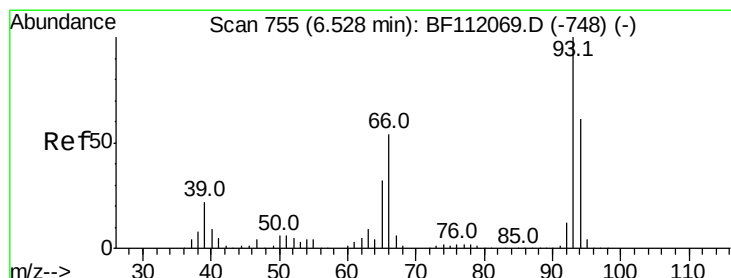
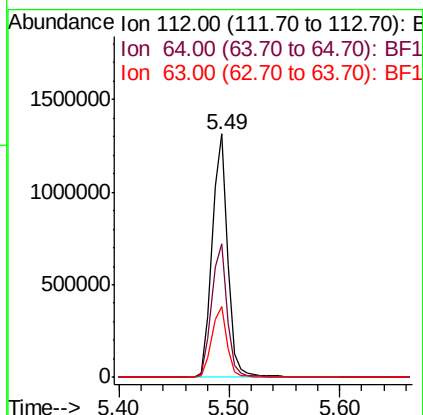
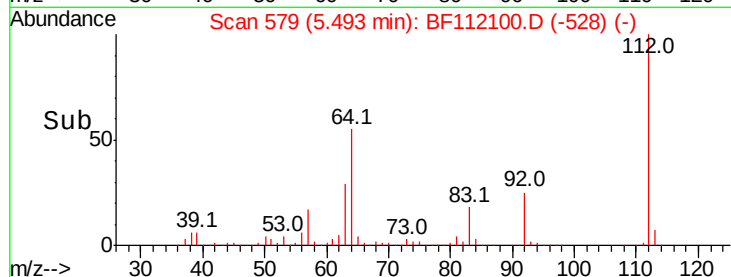
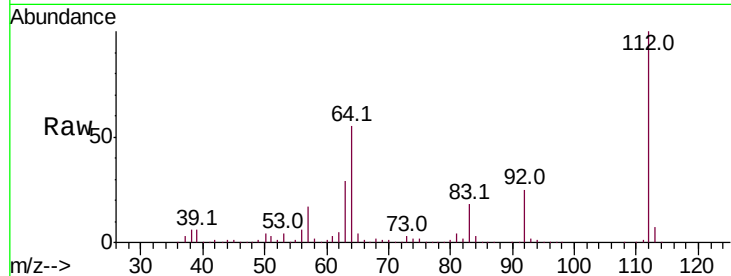




#5
 2-Fluorophenol
 Concen: 79.012 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

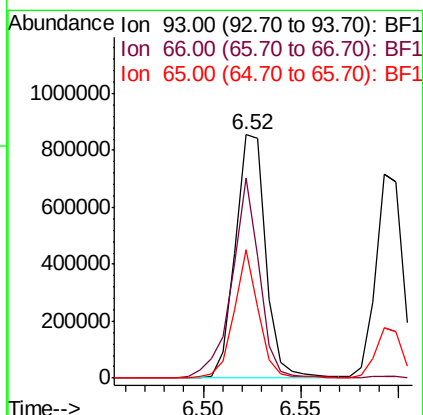
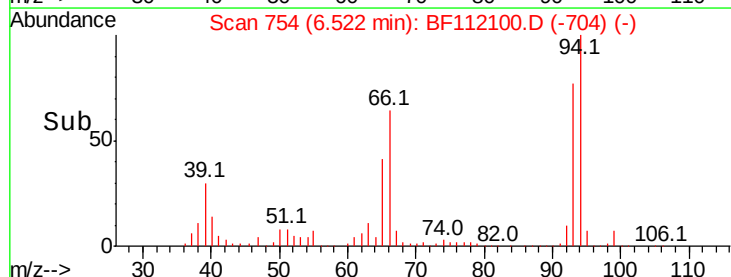
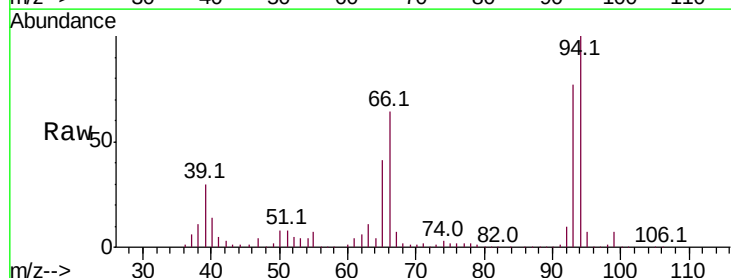
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

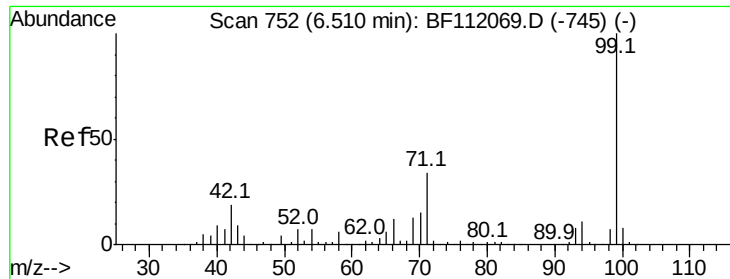
Tot Ion:112 Resp: 1266487
 Ion Ratio Lower Upper
 112 100
 64 54.6 45.7 68.5
 63 28.9 23.6 35.4



#6
 Aniline
 Concen: 37.993 ng
 RT: 6.52 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Tgt Ion: 93 Resp: 926717
 Ion Ratio Lower Upper
 93 100
 66 82.3 43.4 65.2#
 65 52.5 25.3 37.9#





#7

Phenol-d6

Concen: 76.692 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

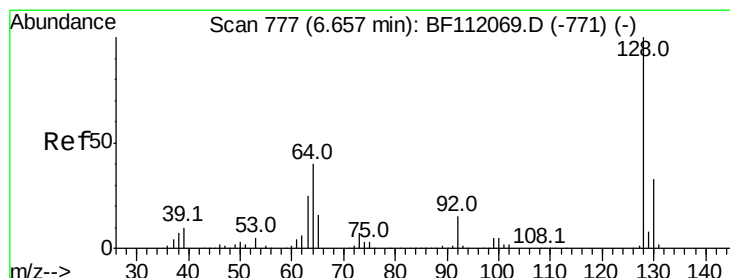
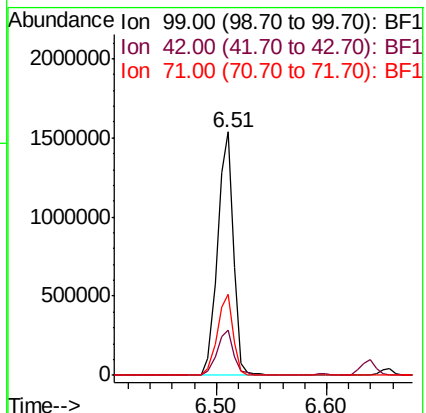
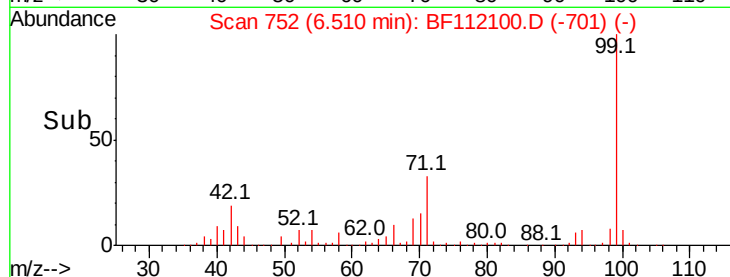
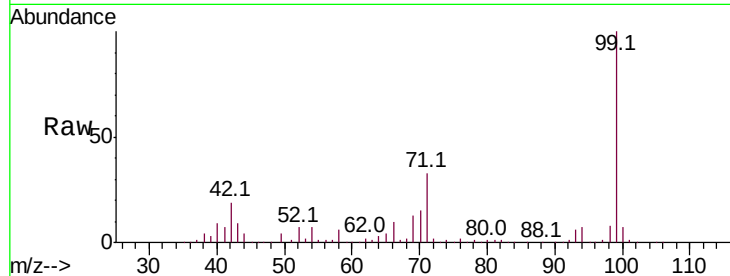
Tot Ion: 99 Resp: 1538041

Ion Ratio Lower Upper

99 100

42 18.5 15.1 22.7

71 33.1 26.9 40.3



#8

2-Chlorophenol

Concen: 39.085 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

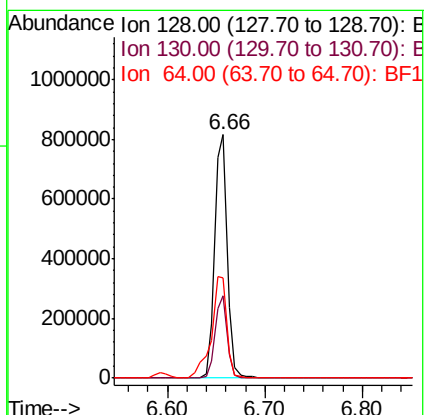
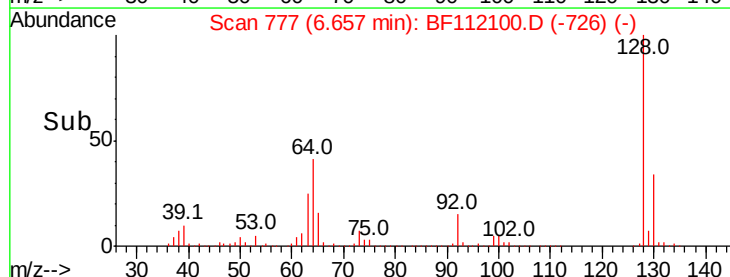
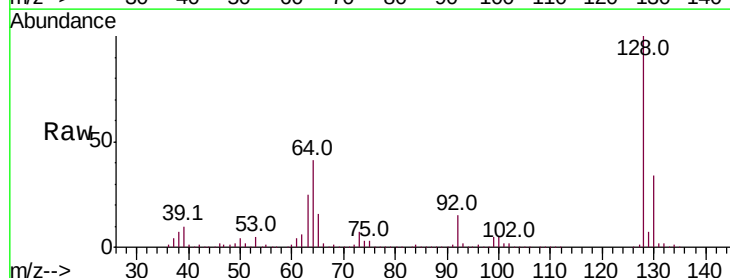
Tgt Ion:128 Resp: 727614

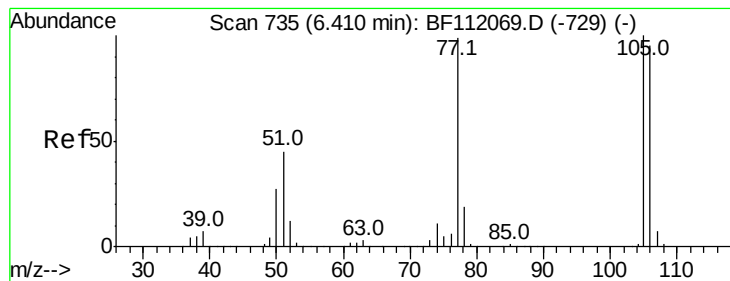
Ion Ratio Lower Upper

128 100

130 33.9 13.4 53.4

64 41.1 20.5 60.5





#9

Benzaldehyde

Concen: 42.584 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

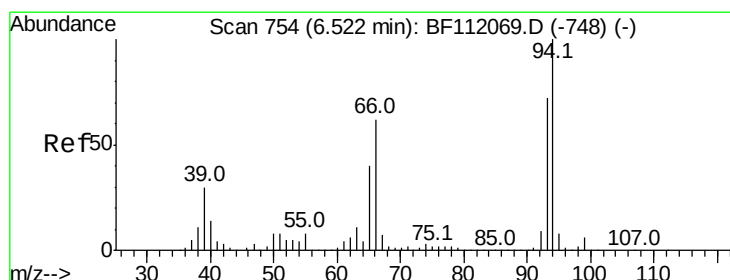
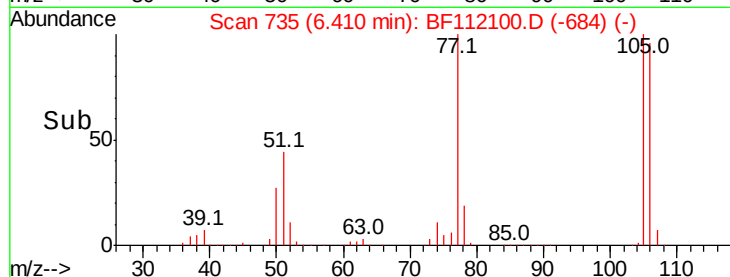
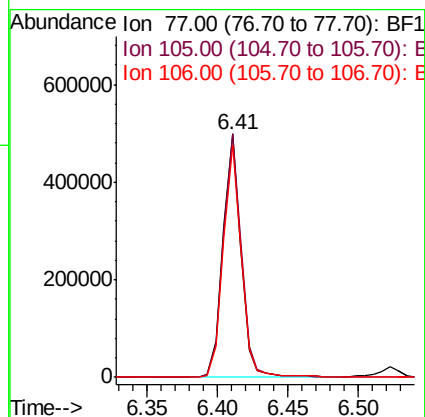
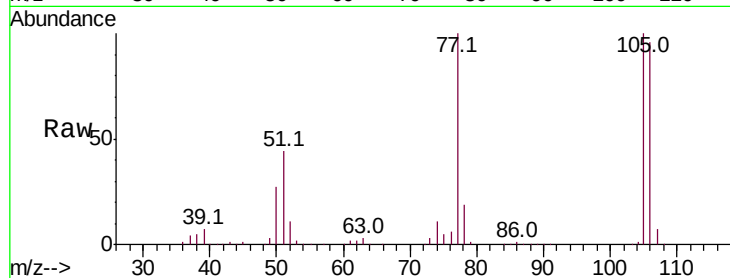
Tot Ion: 77 Resp: 447016

Ion Ratio Lower Upper

77 100

105 100.1 80.8 120.8

106 95.7 75.7 115.7



#10

Phenol

Concen: 38.236 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

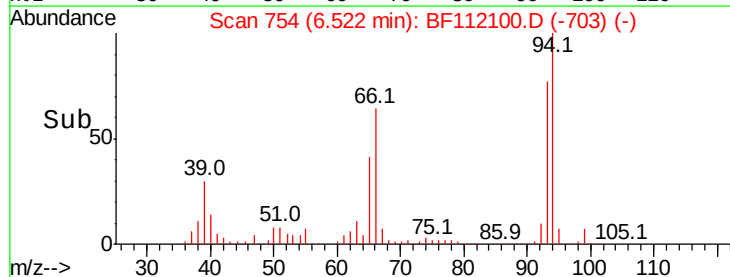
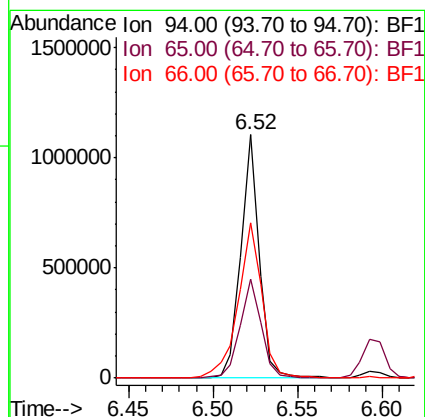
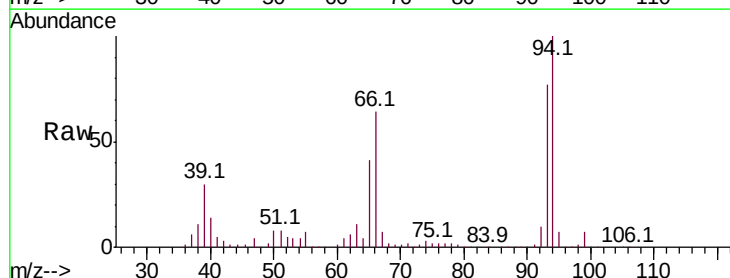
Tgt Ion: 94 Resp: 838049

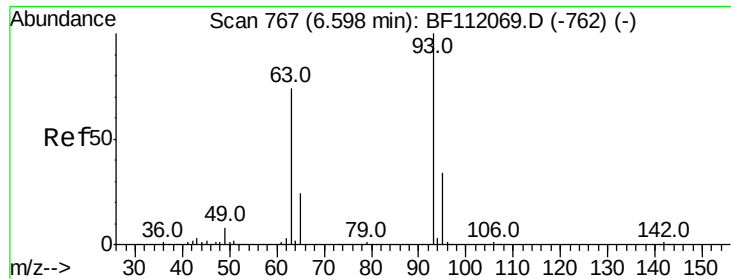
Ion Ratio Lower Upper

94 100

65 40.7 20.3 60.3

66 63.8 42.4 82.4





#11

bis(2-Chloroethyl)ether

Concen: 38.842 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

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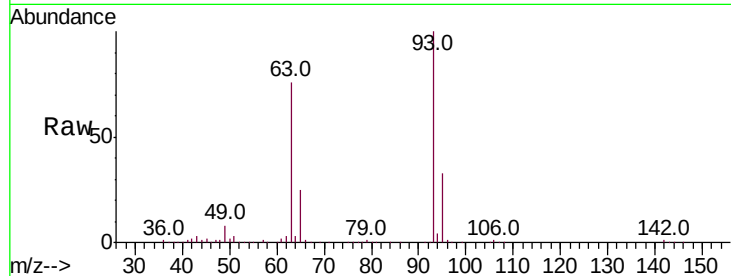
Tot Ion: 93 Resp: 676894

Ion Ratio Lower Upper

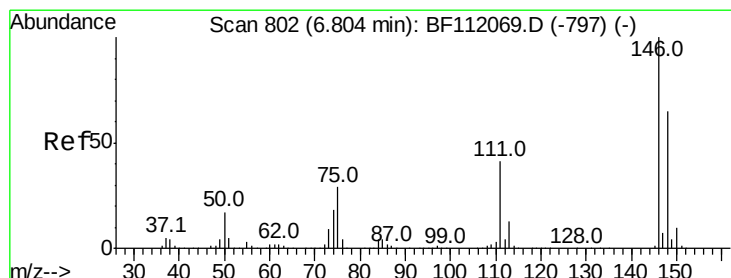
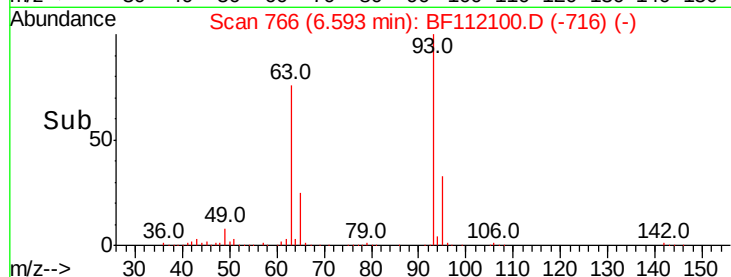
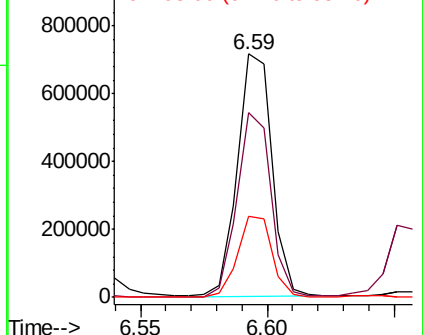
93 100

63 75.6 53.3 93.3

95 33.1 13.4 53.4



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: 39.207 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

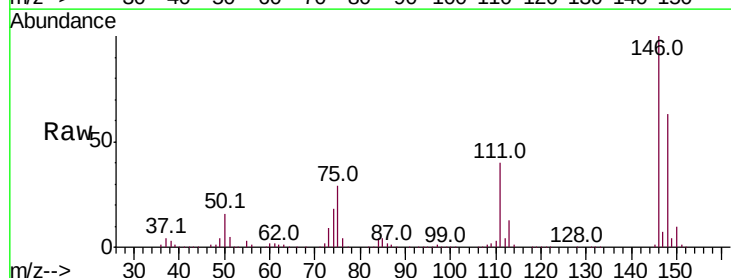
Tgt Ion: 146 Resp: 832961

Ion Ratio Lower Upper

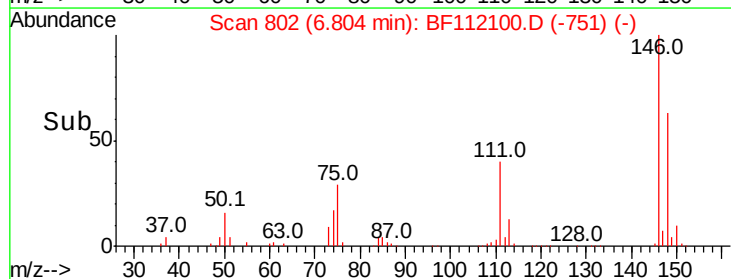
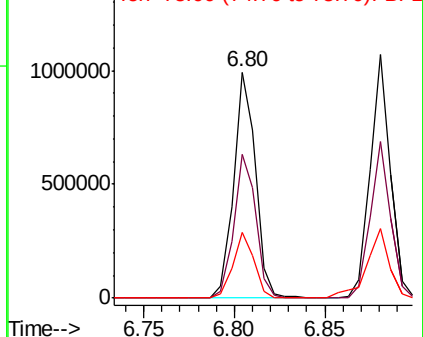
146 100

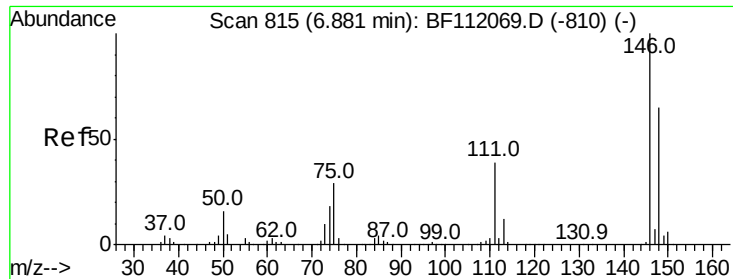
148 63.4 51.8 77.8

75 29.1 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

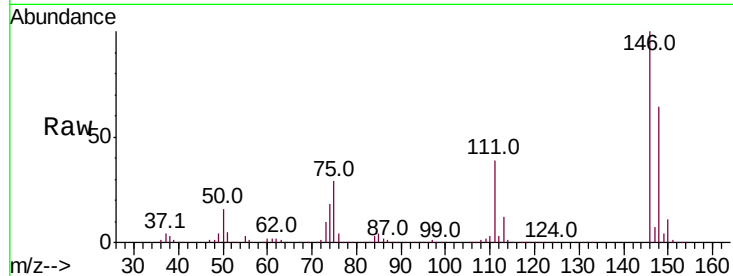




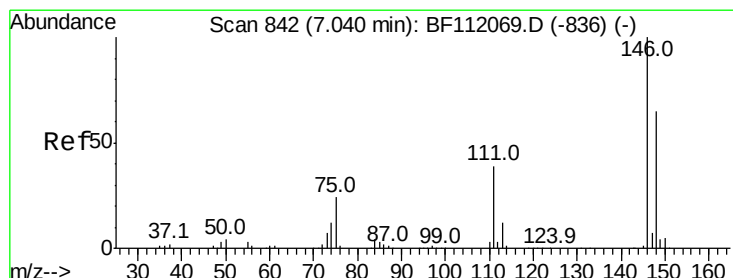
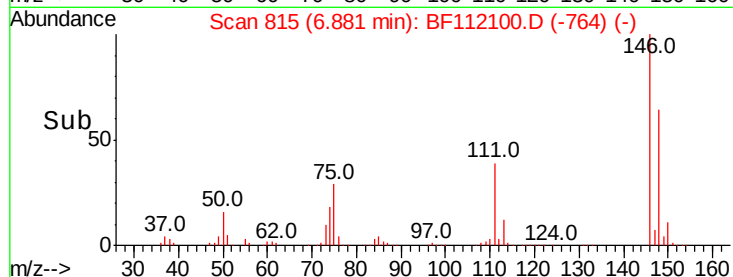
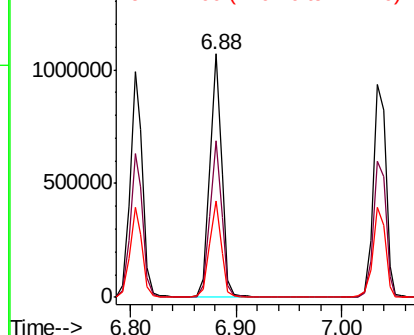
#13
 1,4-Dichlorobenzene
 Concen: 38.700 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 840999
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.0 78.0
 111 39.4 31.2 46.8

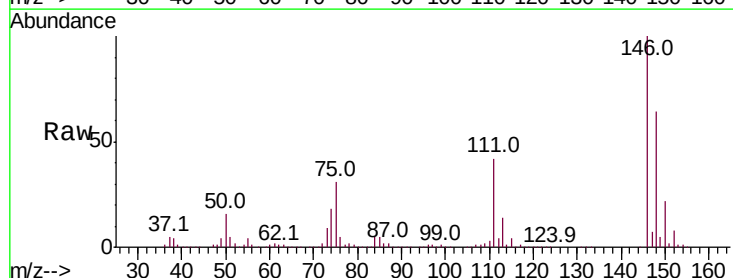


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

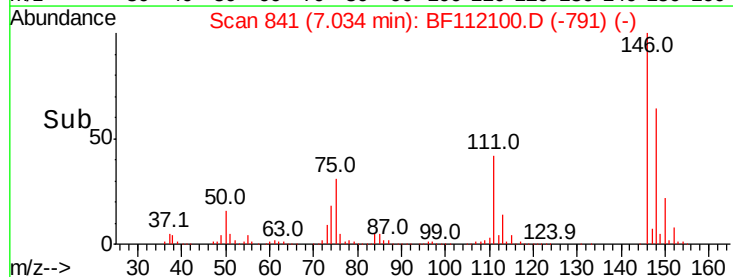
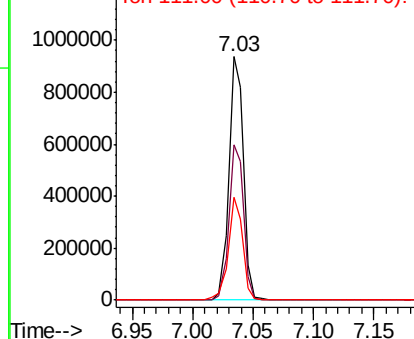


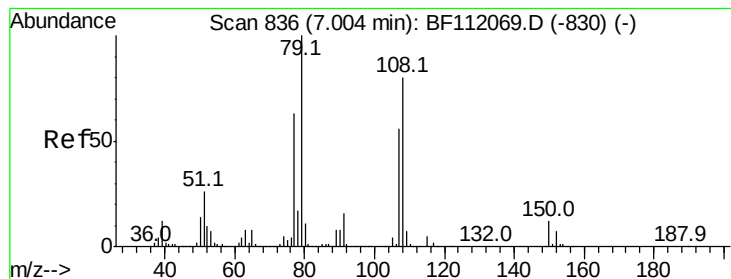
#14
 1,2-Dichlorobenzene
 Concen: 38.699 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Tgt Ion:146 Resp: 774653
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.4
 111 42.5 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.951 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

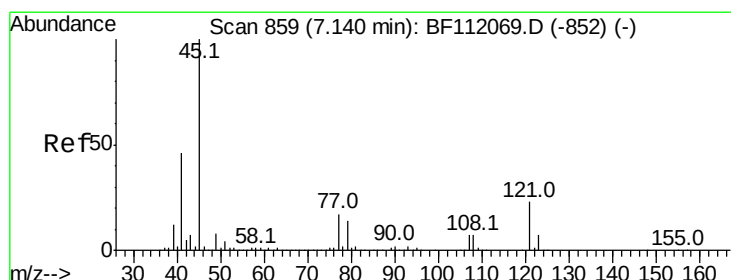
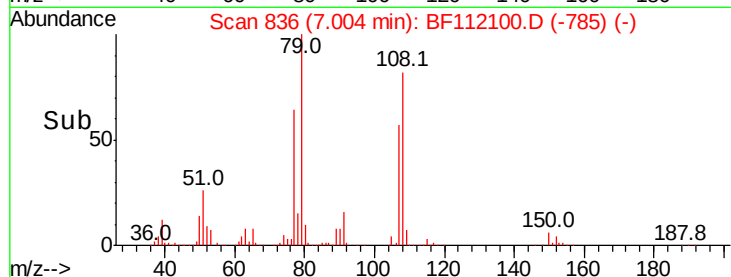
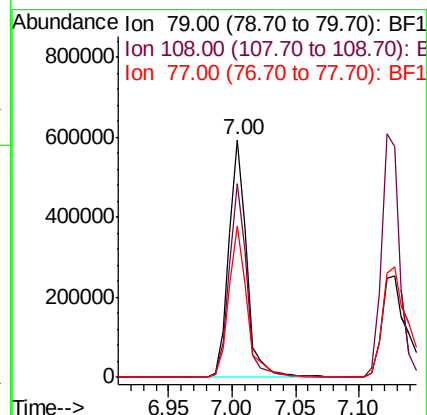
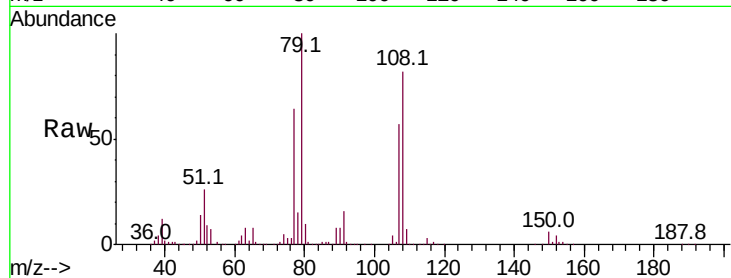
Tot Ion: 79 Resp: 581988

Ion Ratio Lower Upper

79 100

108 81.7 64.2 96.2

77 63.8 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.002 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

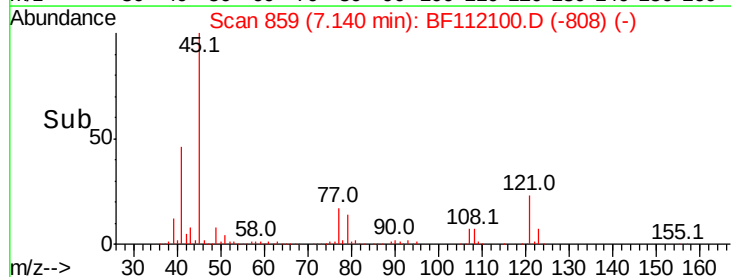
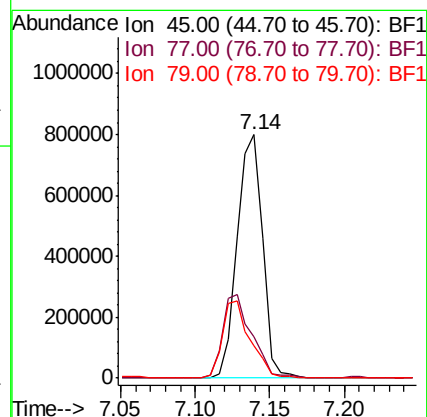
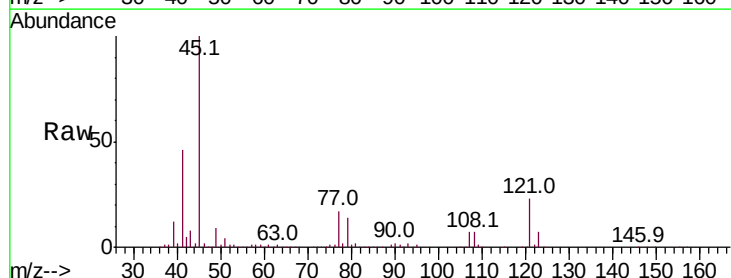
Tgt Ion: 45 Resp: 955047

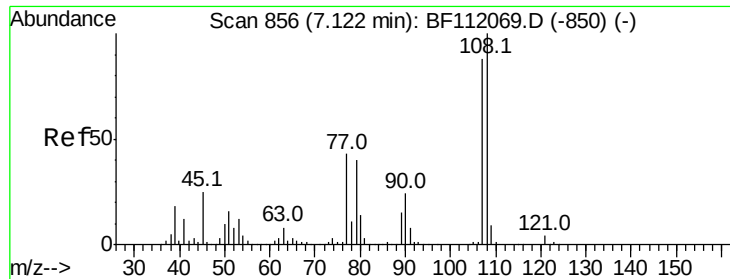
Ion Ratio Lower Upper

45 100

77 16.9 0.0 36.9

79 13.6 0.0 34.0

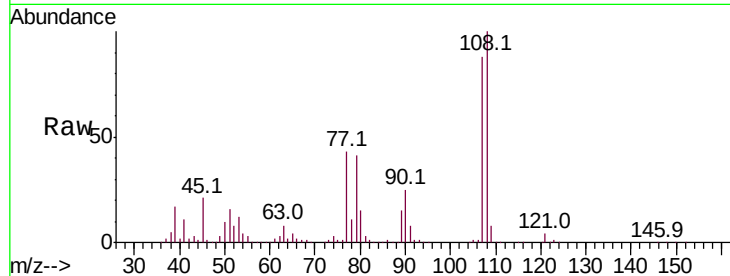




#17
2-Methylphenol
Concen: 38.992 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	545125
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.3	136.9
77	48.3	39.0	58.6
79	45.8	37.0	55.4



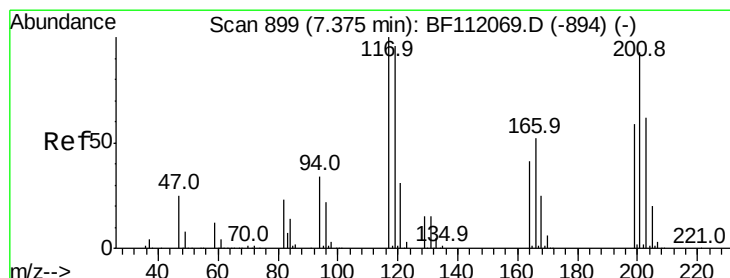
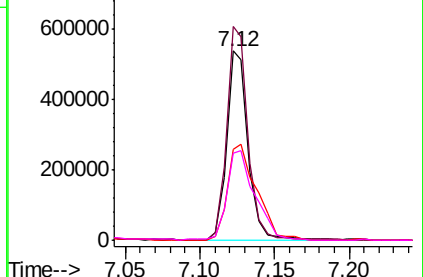
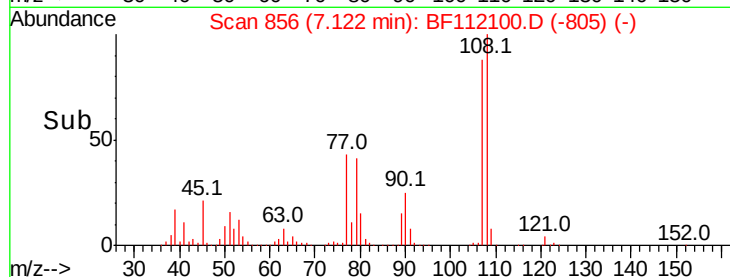
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

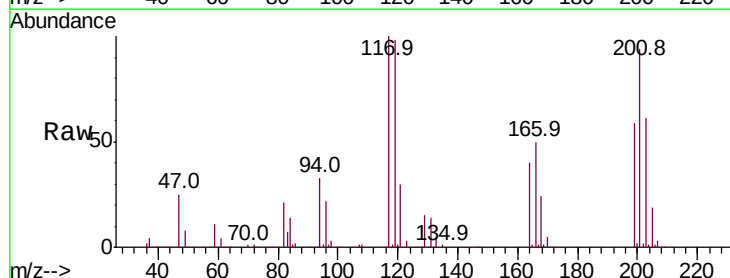
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 33.568 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Tgt Ion:	117	Resp:	243474
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.0	115.4
201	93.8	74.1	111.1

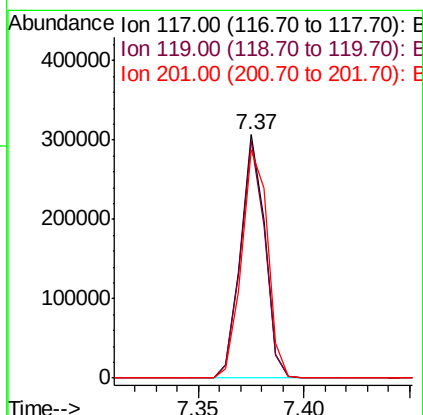
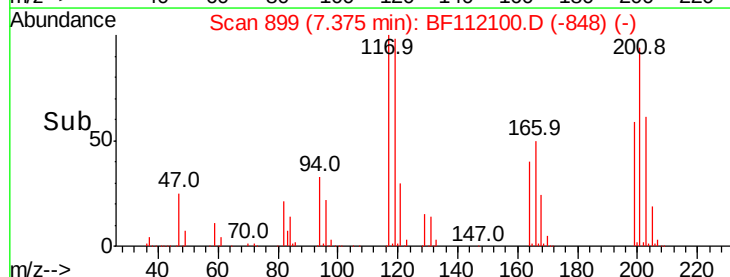


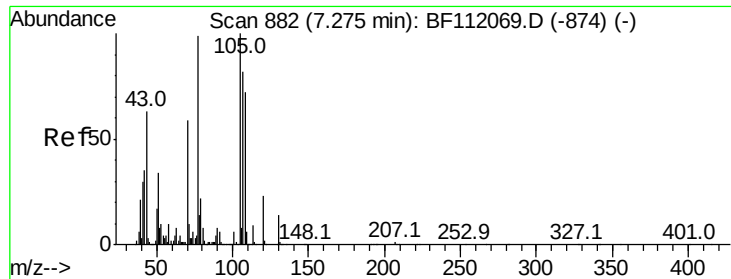
Abundance

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: 38.312 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

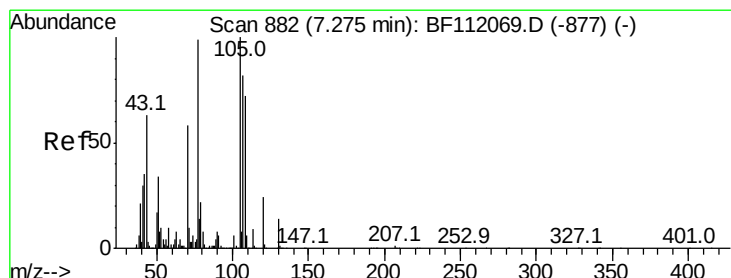
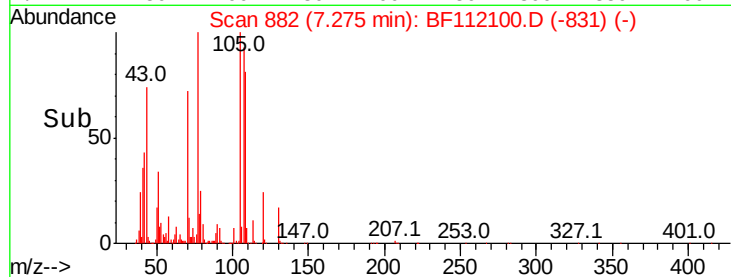
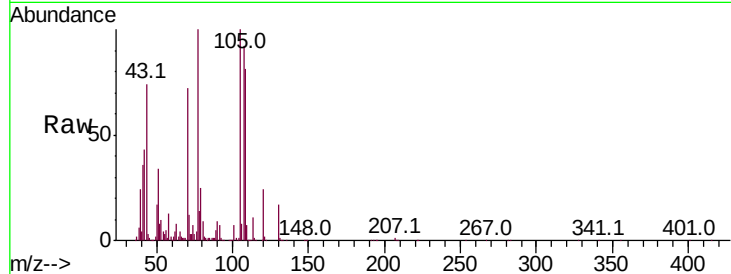
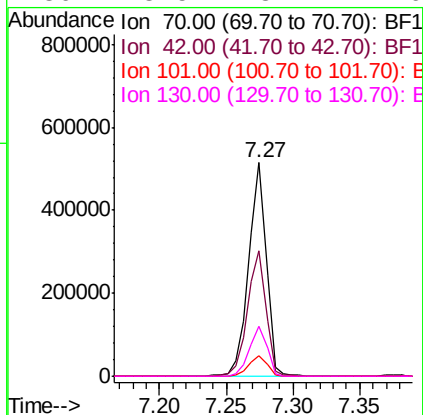
Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 468072

Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.6	71.4
101	9.8	7.9	11.9
130	23.5	18.4	27.6



#20

3+4-Methylphenols

Concen: 40.007 ng

RT: 7.27 min Scan# 882

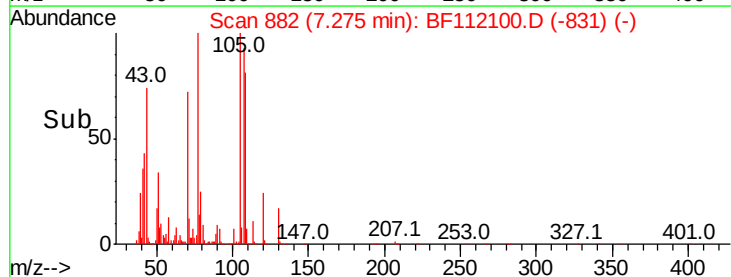
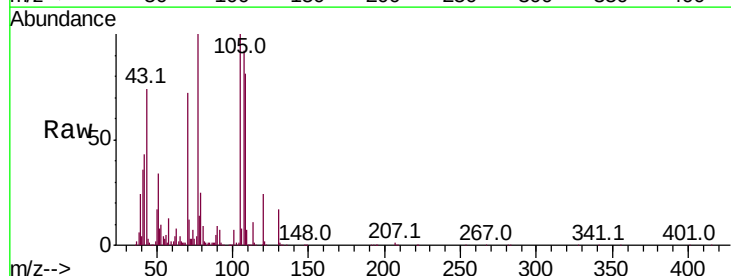
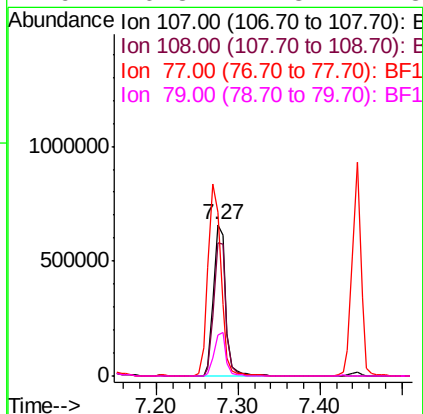
Delta R.T. 0.00 min

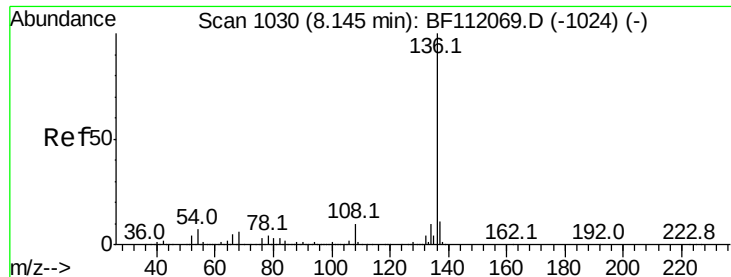
Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Tgt Ion: 107 Resp: 678161

Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.2	108.2
77	108.1	100.7	140.7
79	26.8	7.3	47.3

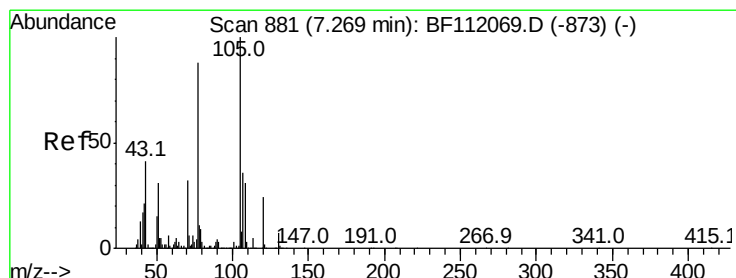
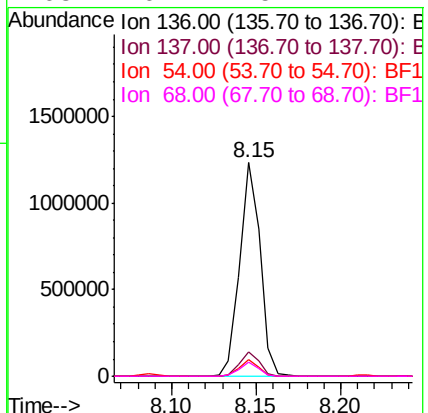
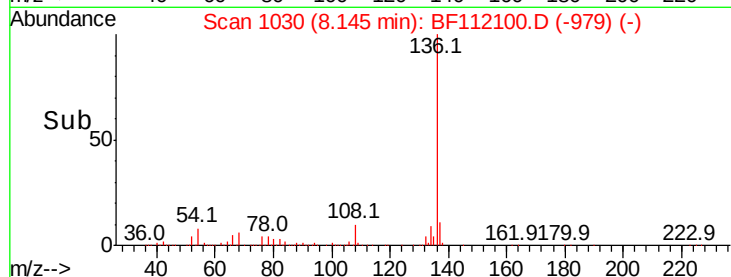
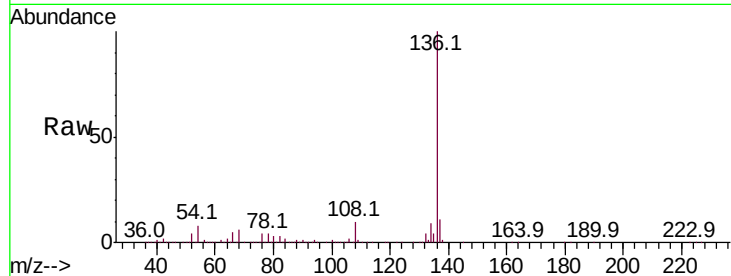




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

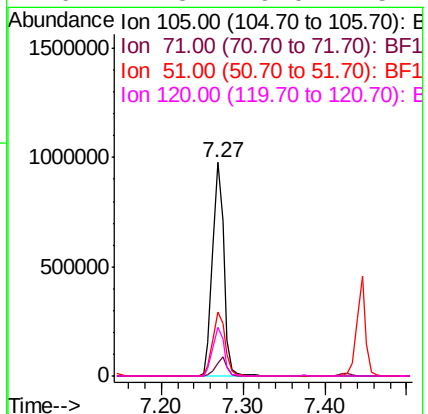
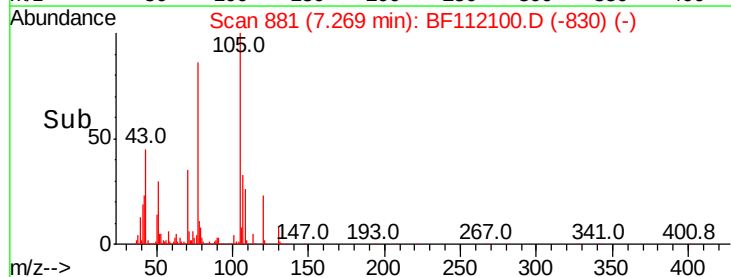
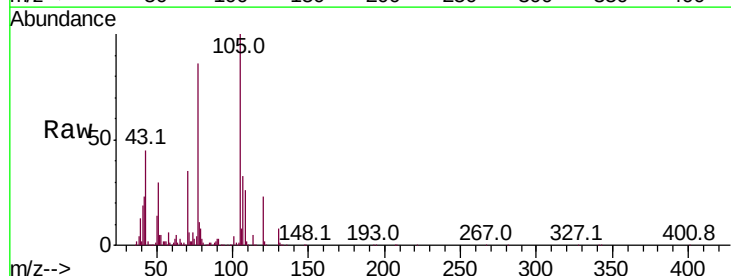
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

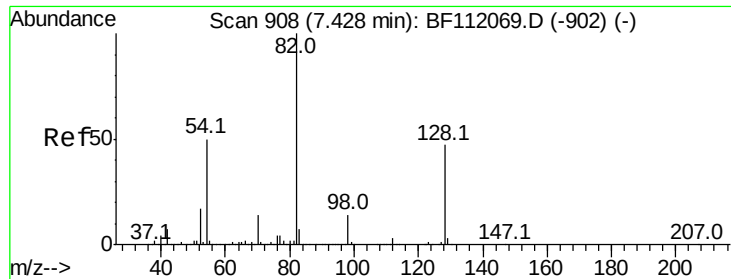
Tot Ion:136	Resp: 1037853
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 7.6	5.9 8.9
68 6.4	5.1 7.7



#22
Acetophenone
Concen: 39.554 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Tgt	Ion:105	Resp:	951045
Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.6	6.8
51	30.2	25.0	37.6
120	22.8	19.0	28.4



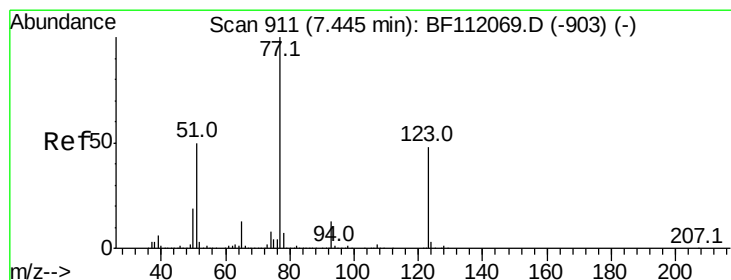
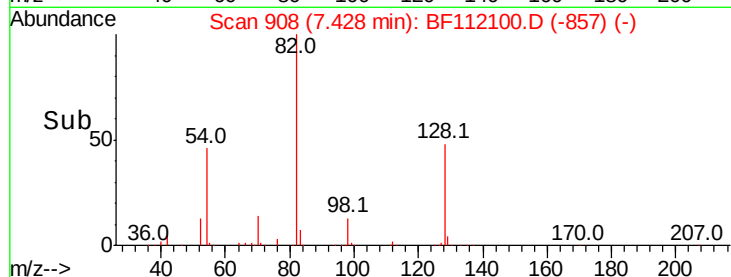
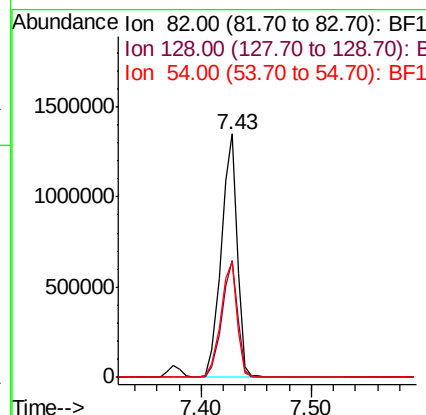
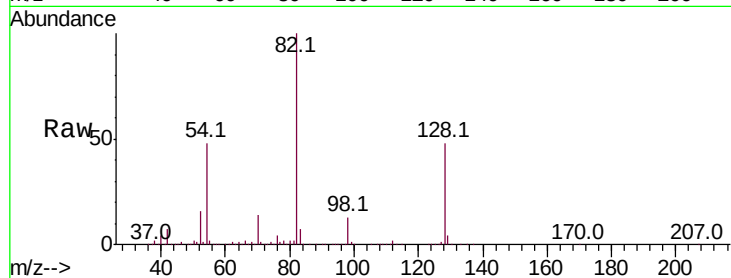


#23
 Nitrobenzene-d5
 Concen: 89.768 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1348497

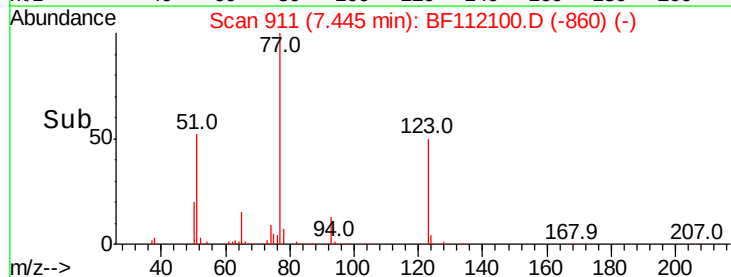
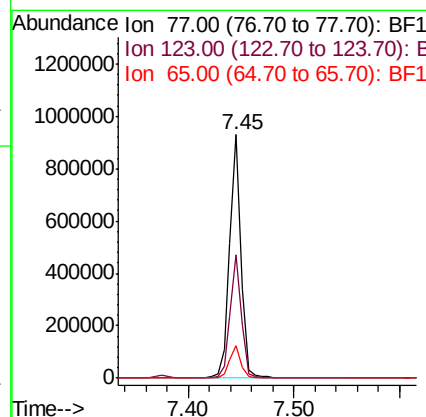
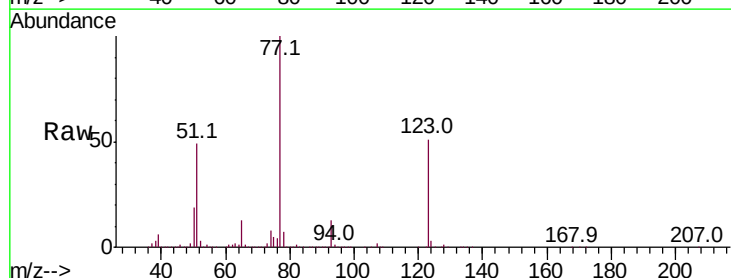
Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.8	56.8
54	47.7	39.7	59.5

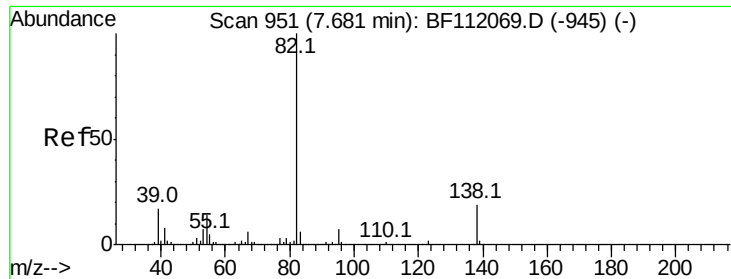


#24
 Nitrobenzene
 Concen: 43.728 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Tgt Ion: 77 Resp: 696176

Ion	Ratio	Lower	Upper
77	100		
123	50.7	38.4	57.6
65	13.4	10.6	15.8

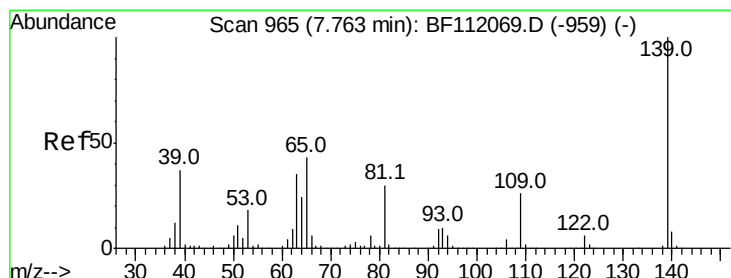
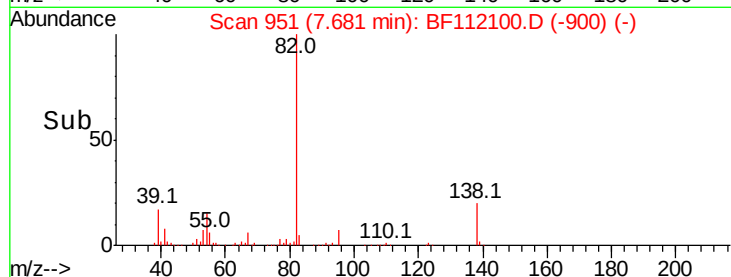
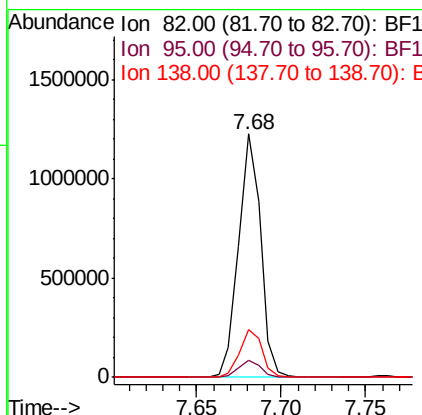
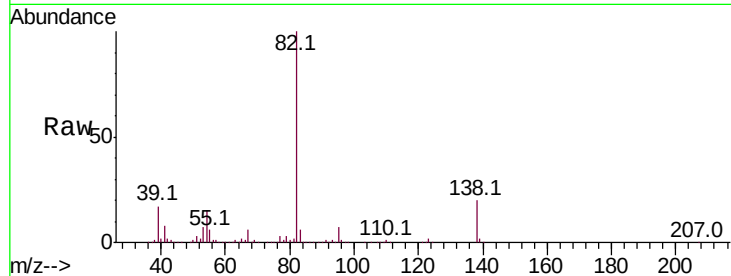




#25
Isophorone
Concen: 38.537 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

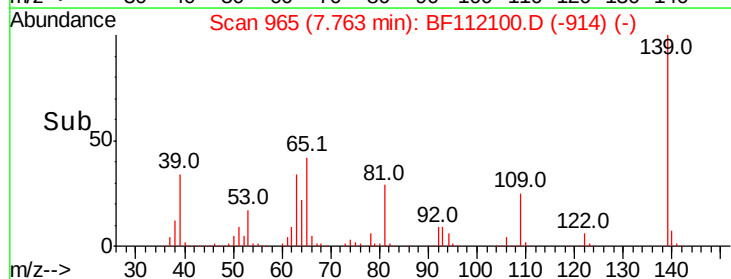
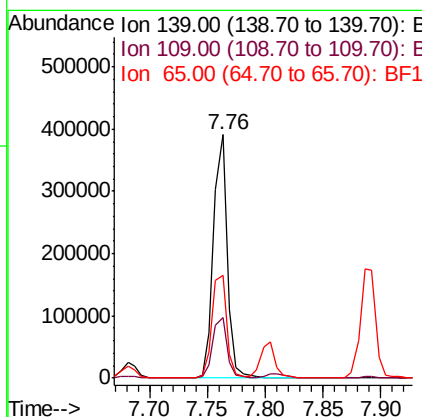
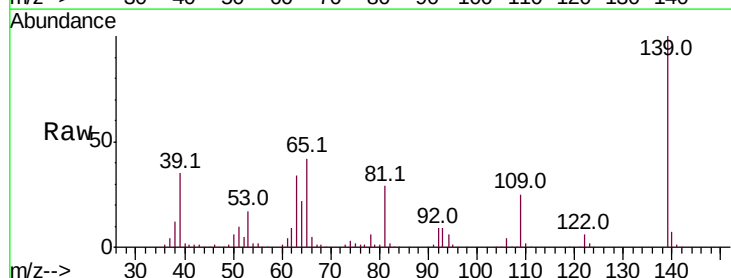
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

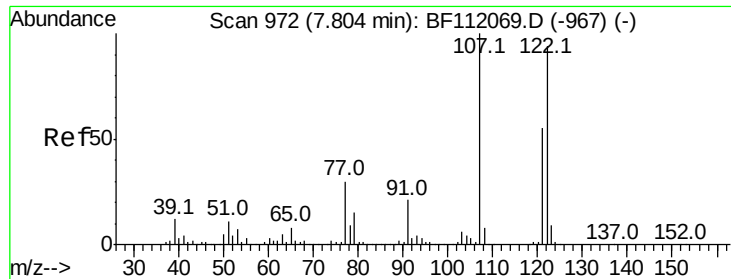
Tot Ion: 82 Resp: 1118160
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.7 15.4 23.0



#26
2-Nitrophenol
Concen: 40.785 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Tgt Ion: 139 Resp: 325588
Ion Ratio Lower Upper
139 100
109 24.9 20.8 31.2
65 42.3 34.4 51.6

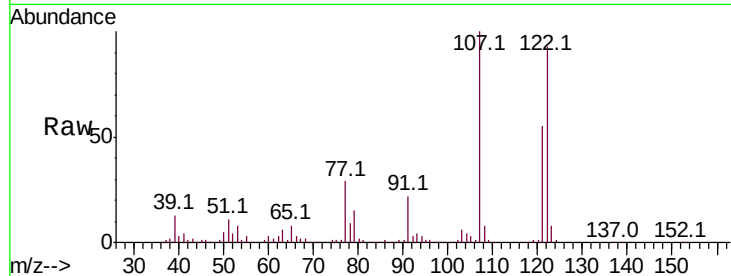




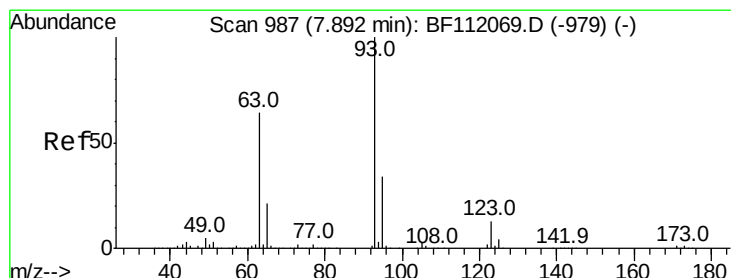
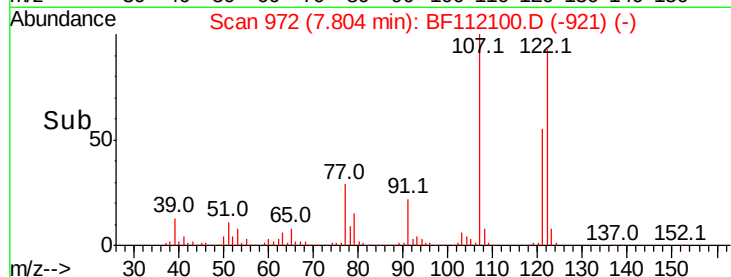
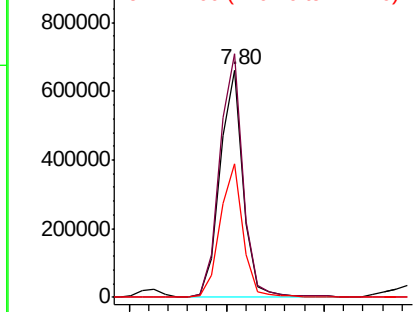
#27
2,4-Dimethylphenol
Concen: 40.315 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 542980
Ion Ratio Lower Upper
122 100
107 107.1 85.4 128.0
121 58.7 47.0 70.4

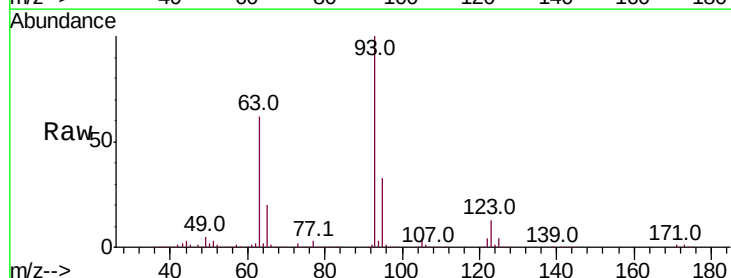


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

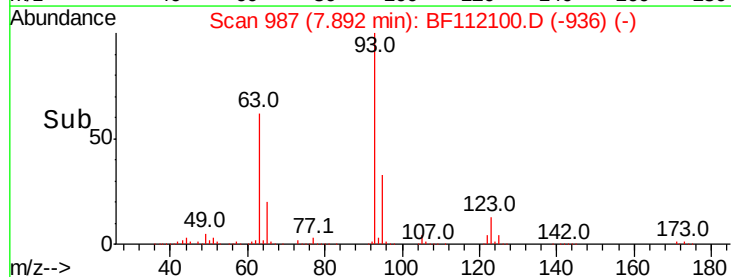
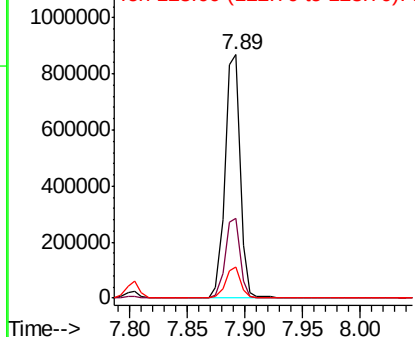


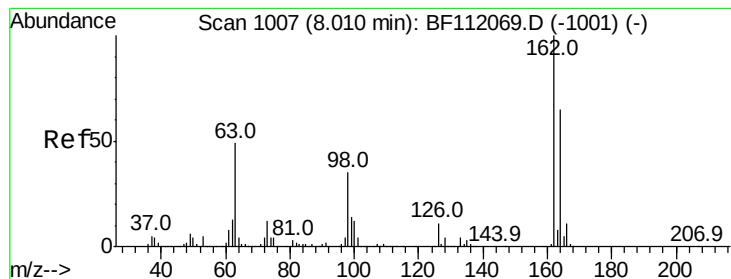
#28
bis(2-Chloroethoxy)methane
Concen: 39.964 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Tgt Ion: 93 Resp: 795412
Ion Ratio Lower Upper
93 100
95 32.7 26.8 40.2
123 12.9 10.2 15.2



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): E





#29

2,4-Dichlorophenol

Concen: 39.840 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

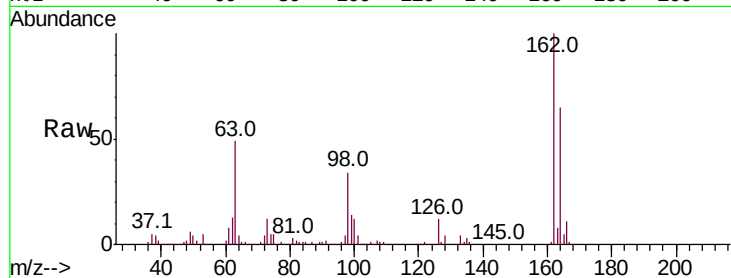
Tot Ion:162 Resp: 586162

Ion Ratio Lower Upper

162 100

164 65.3 44.6 84.6

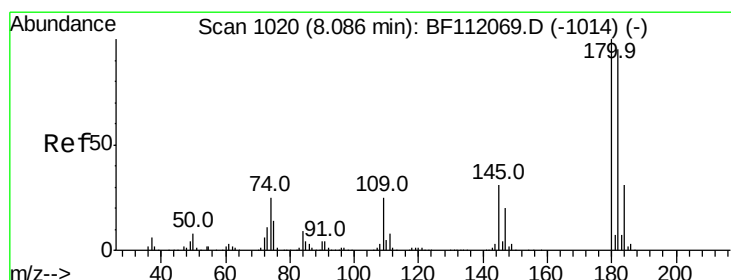
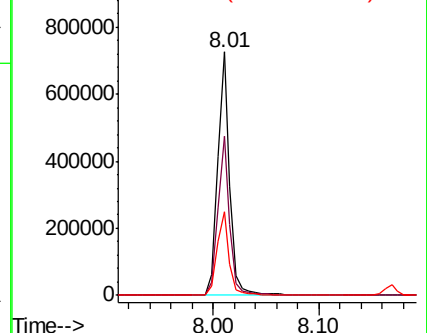
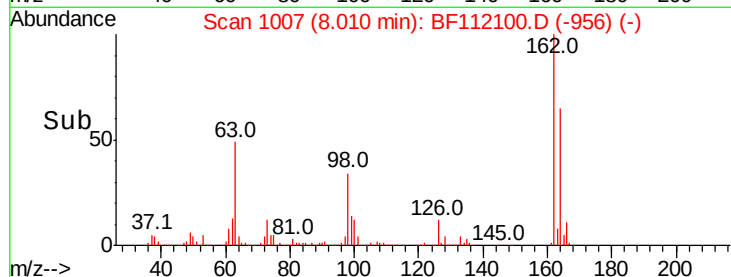
98 34.1 14.6 54.6



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: 39.257 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

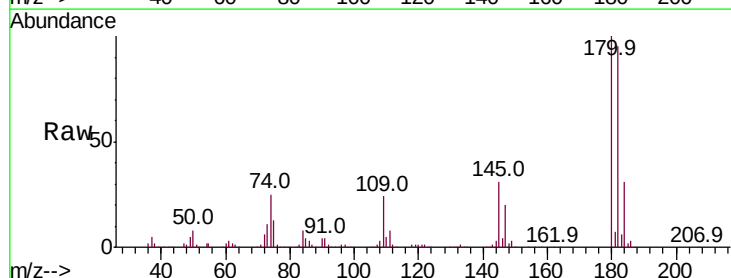
Tgt Ion:180 Resp: 670293

Ion Ratio Lower Upper

180 100

182 94.8 76.4 114.6

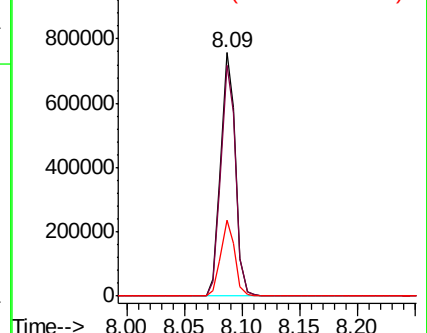
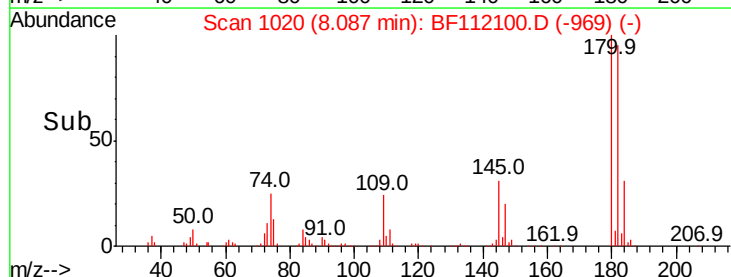
145 31.1 25.0 37.4

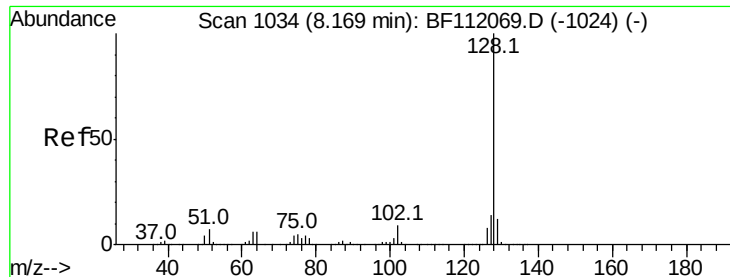


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

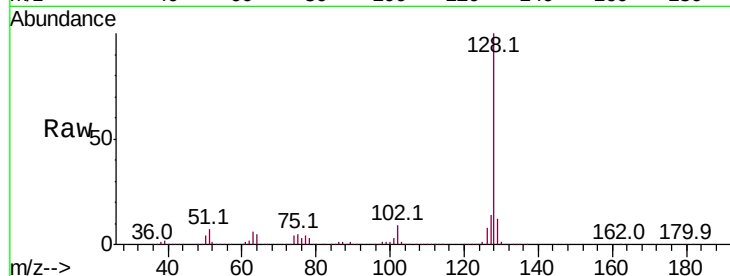




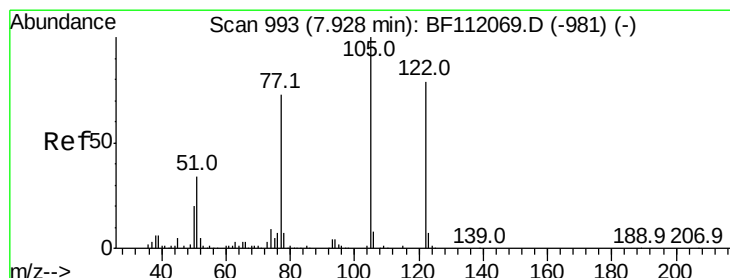
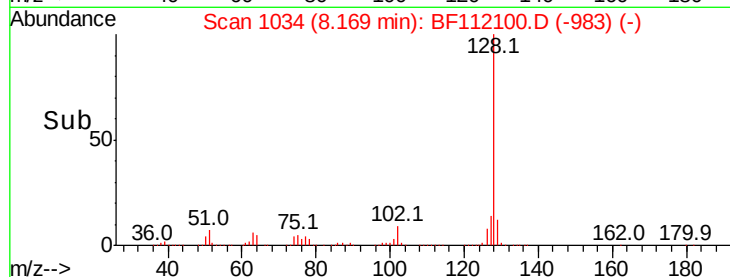
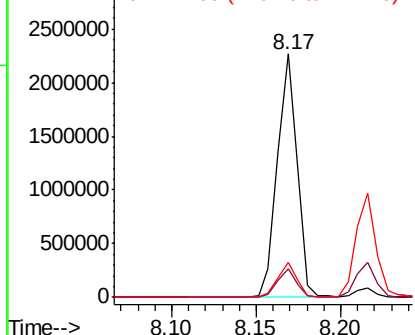
#31
Naphthalene
Concen: 38.794 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1831261
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 14.2 11.1 16.7

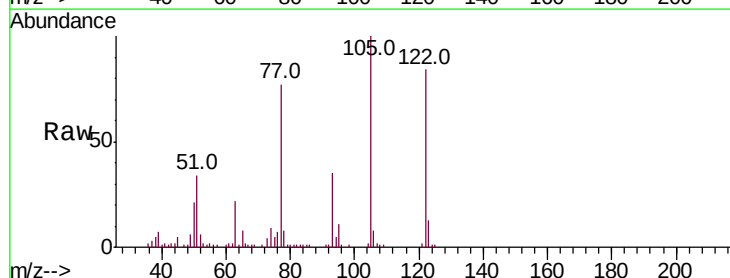


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

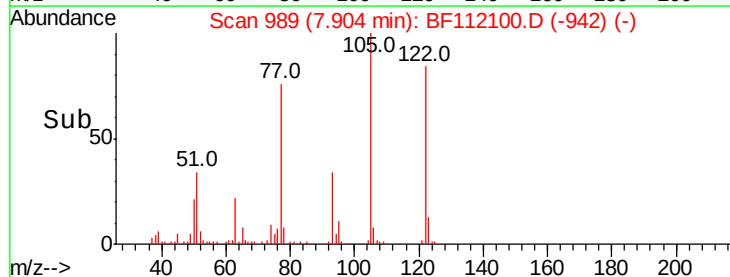
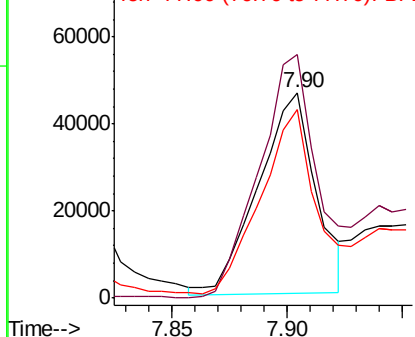


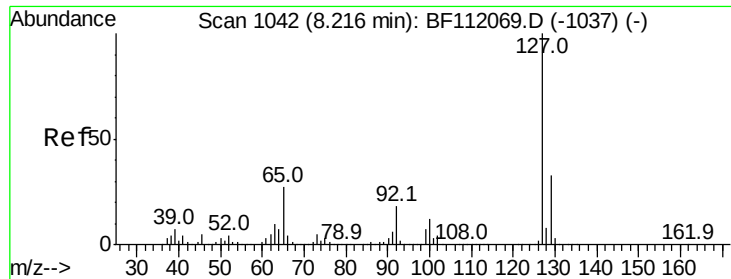
#32
Benzoic acid
Concen: 20.232 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Tgt Ion:122 Resp: 80147
Ion Ratio Lower Upper
122 100
105 118.6 101.2 141.2
77 91.6 70.4 110.4



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

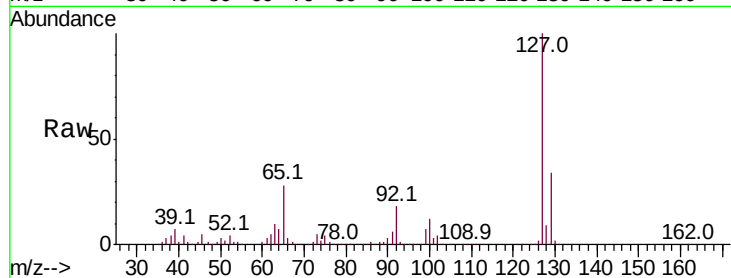




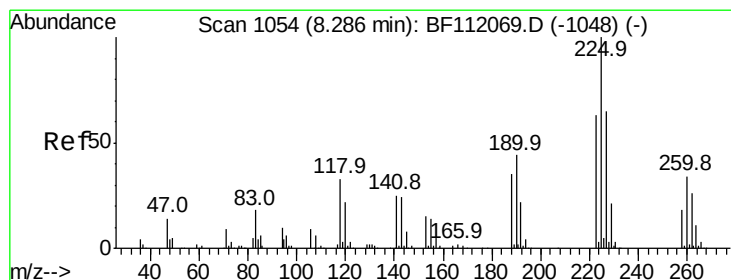
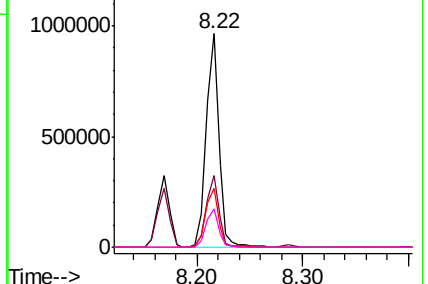
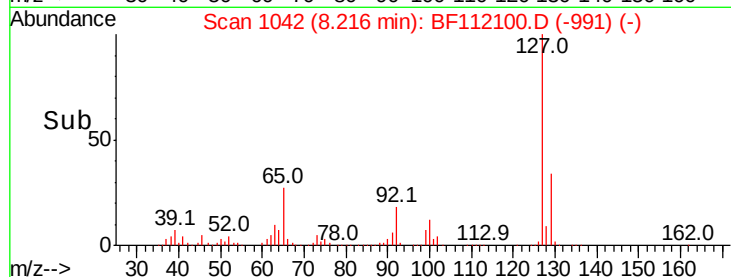
#33
4-Chloroaniline
Concen: 38.044 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	807089
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.6	39.8
65	27.5	21.4	32.2
92	18.1	14.2	21.2

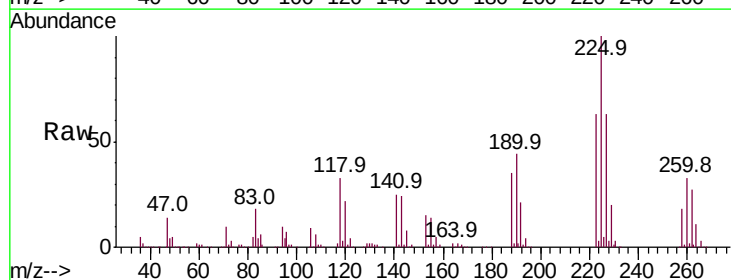


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

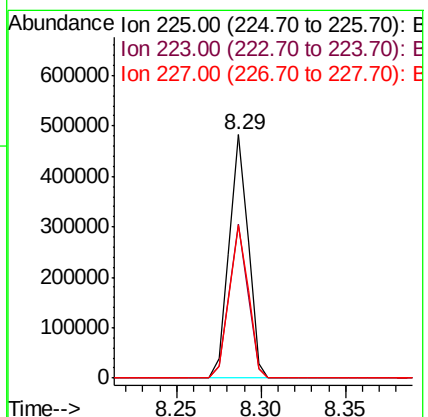
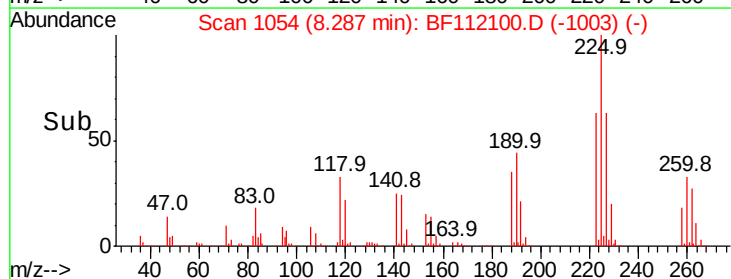


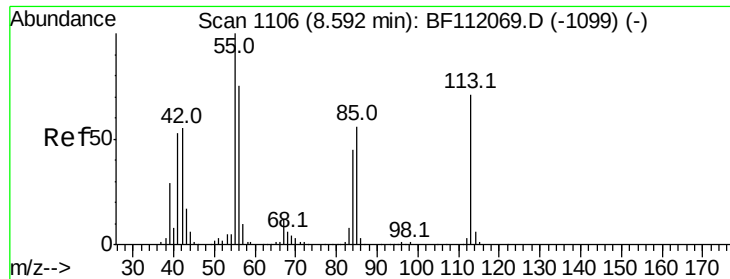
#34
Hexachlorobutadiene
Concen: 39.656 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Tgt Ion:	225	Resp:	376816
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.3	75.5
227	62.8	51.8	77.8



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

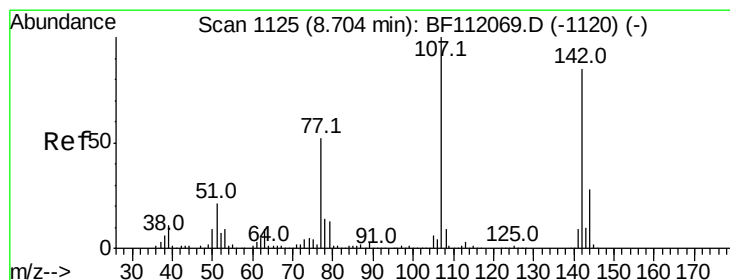
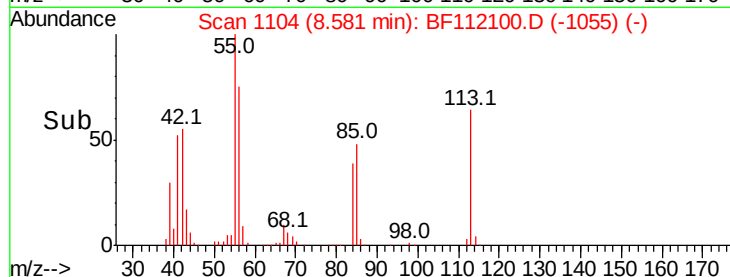
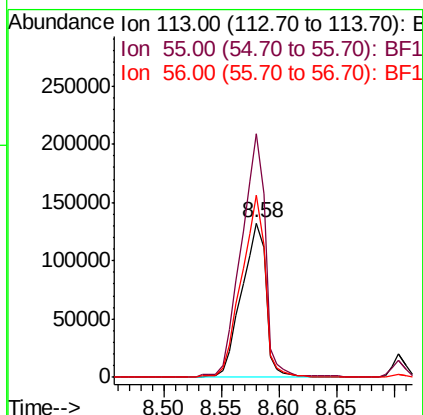
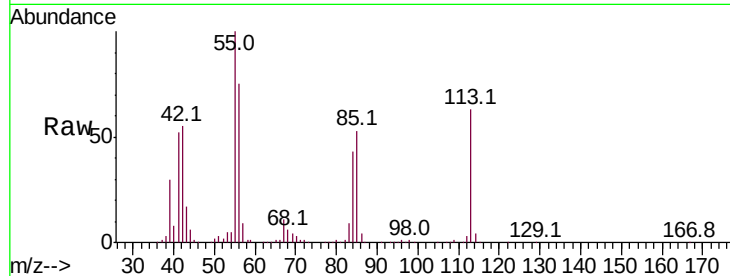




#35
 Caprolactam
 Concen: 37.757 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

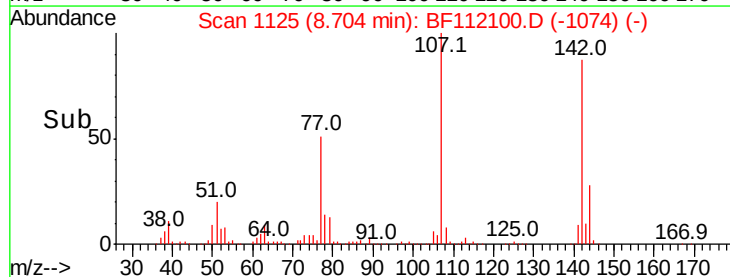
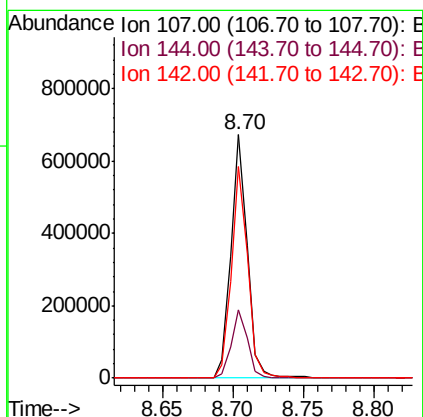
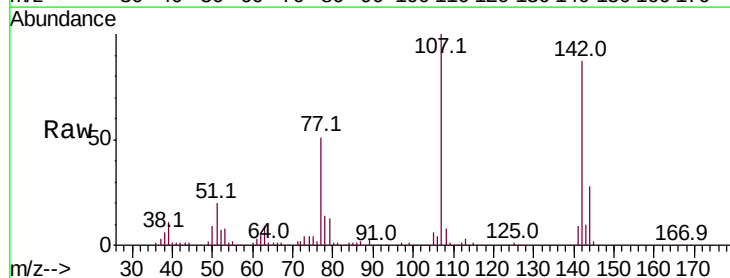
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

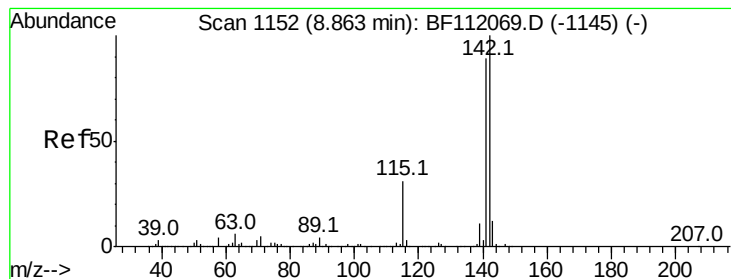
Tot Ion:113 Resp: 194429
 Ion Ratio Lower Upper
 113 100
 55 157.6 121.6 161.6
 56 117.7 86.7 126.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.030 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Tgt Ion:107 Resp: 546504
 Ion Ratio Lower Upper
 107 100
 144 28.3 22.2 33.2
 142 87.2 67.7 101.5

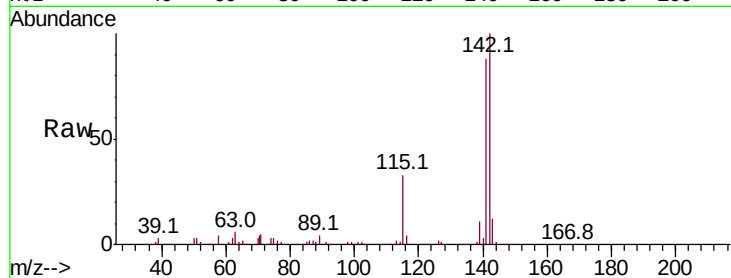




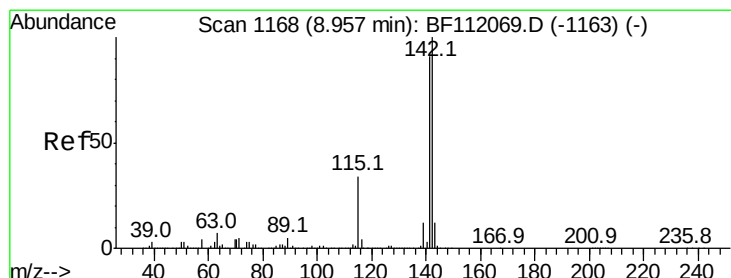
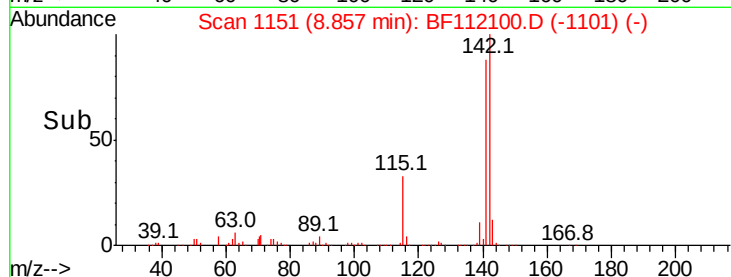
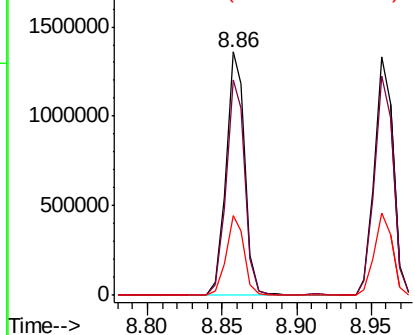
#37
 2-Methylnaphthalene
 Concen: 37.888 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:142 Resp: 1214469
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.9 106.3
 115 32.8 24.9 37.3

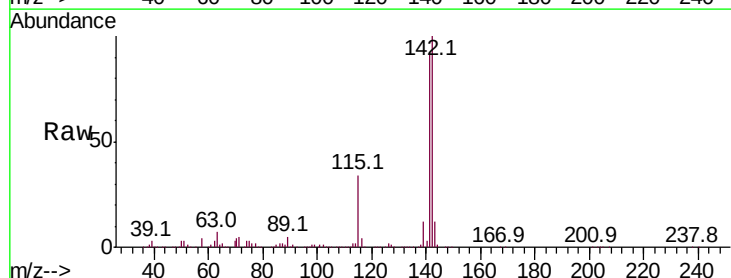


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

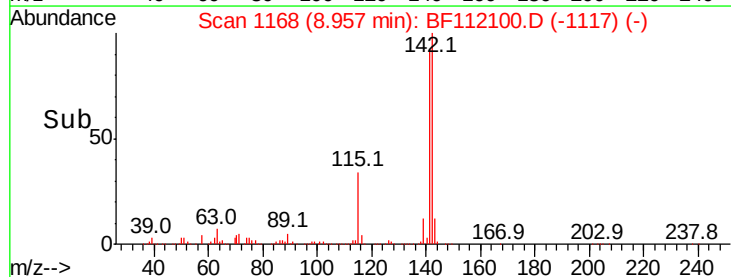
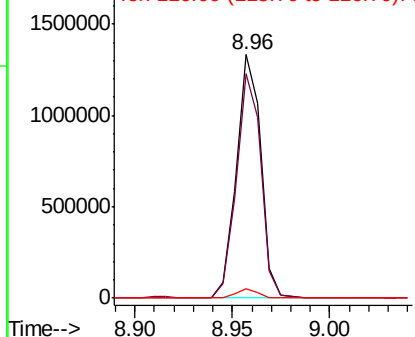


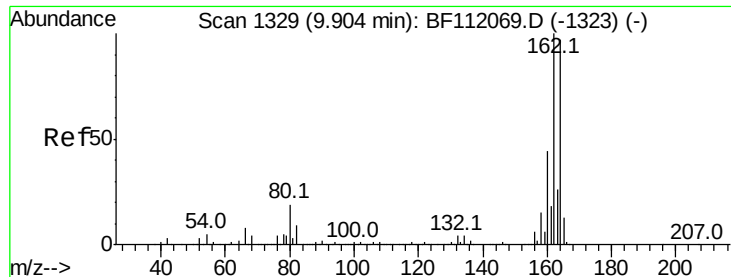
#38
 1-Methylnaphthalene
 Concen: 37.374 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Tgt Ion:142 Resp: 1151354
 Ion Ratio Lower Upper
 142 100
 141 92.1 72.6 108.8
 116 3.8 2.8 4.2



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

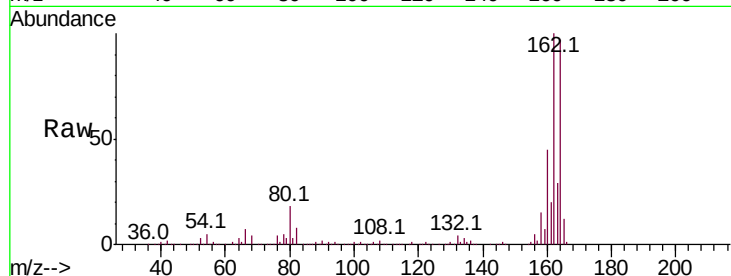




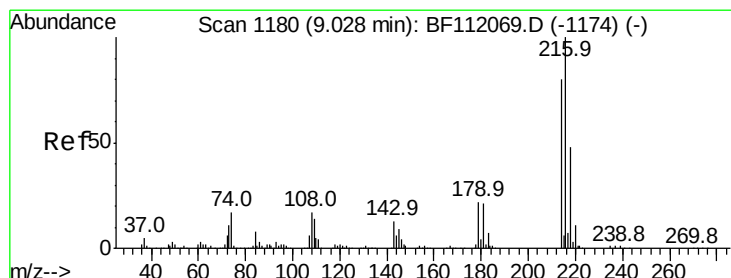
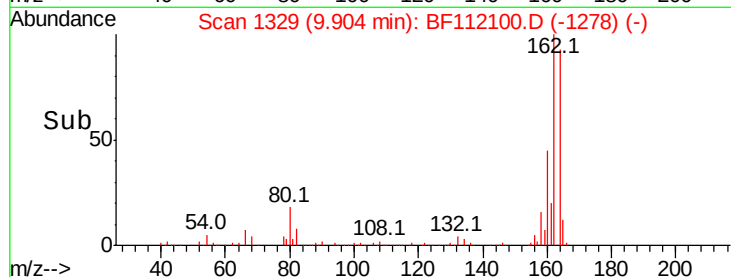
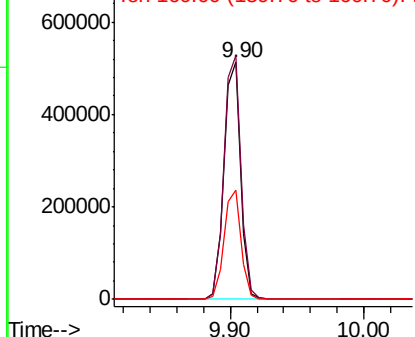
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:164 Resp: 455551
Ion Ratio Lower Upper
164 100
162 102.7 82.2 123.4
160 46.3 36.2 54.4

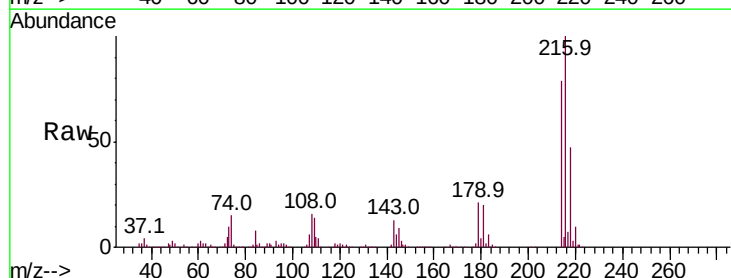


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

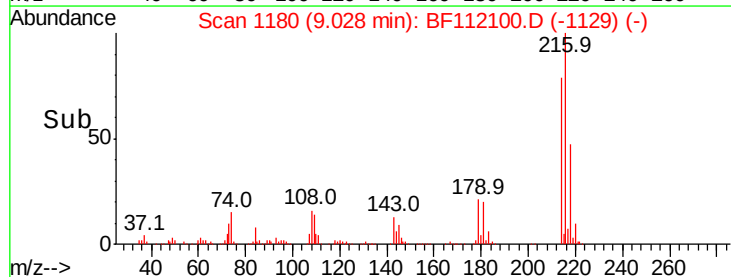
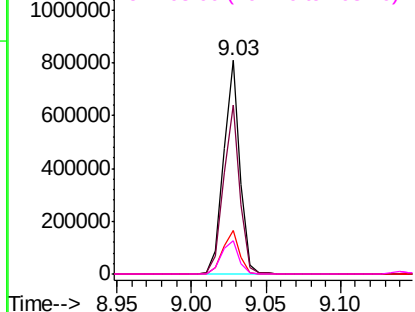


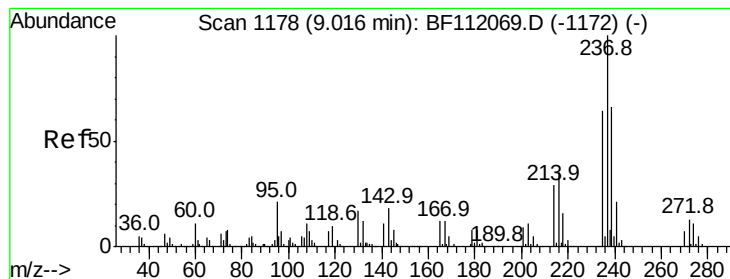
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.639 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Tgt Ion:216 Resp: 623740
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.6
179 20.9 16.9 25.3
108 16.7 14.2 21.4



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 9.613 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

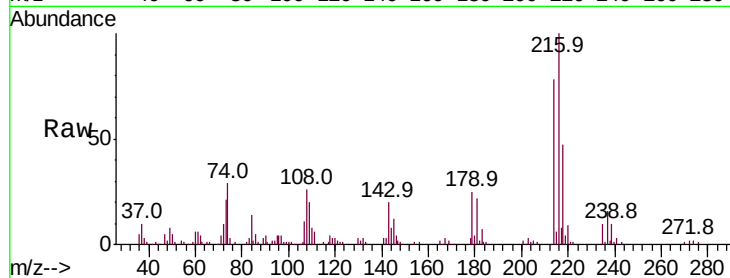
Tot Ion:237 Resp: 11367

Ion	Ratio	Lower	Upper
237	100		
235	63.0	44.0	84.0
272	13.8	0.0	33.3

237 100

235 63.0 44.0 84.0

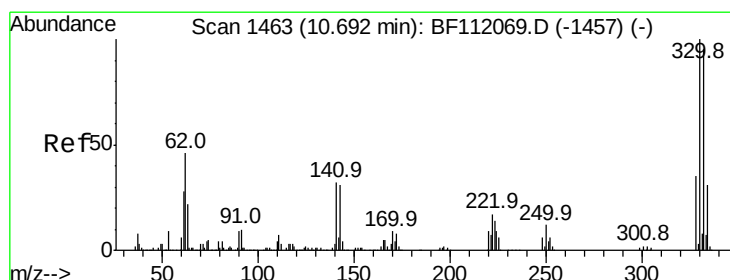
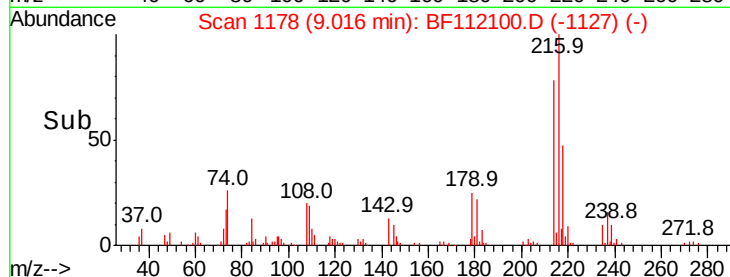
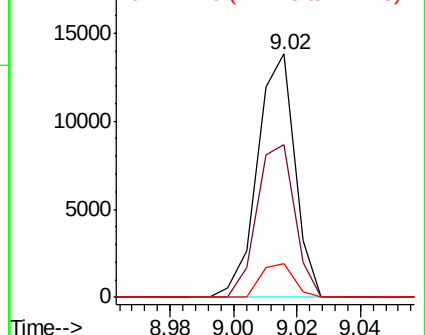
272 13.8 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 72.402 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

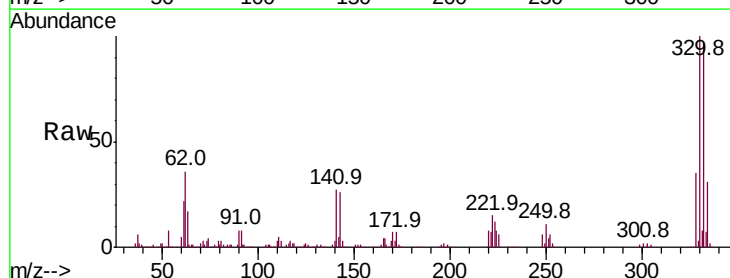
Tgt Ion:330 Resp: 355810

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	30.6	24.3	36.5

330 100

332 97.4 76.6 114.8

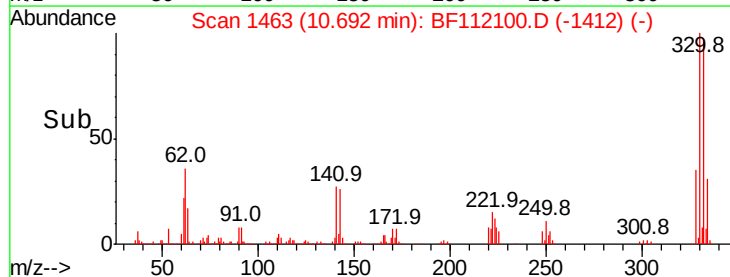
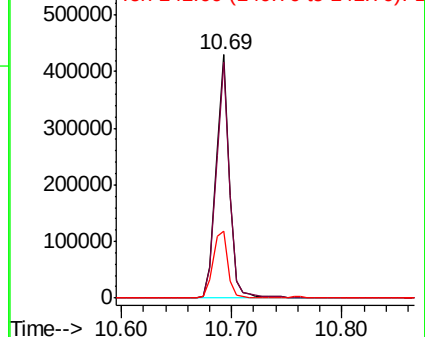
141 30.6 24.3 36.5

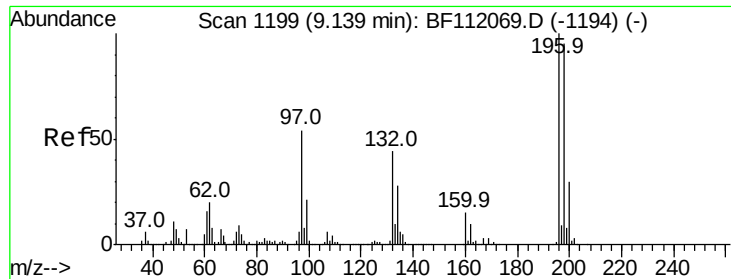


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 43.337 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

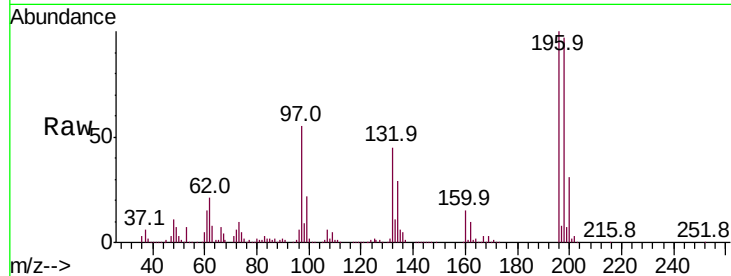
Tot Ion:196 Resp: 379244

Ion Ratio Lower Upper

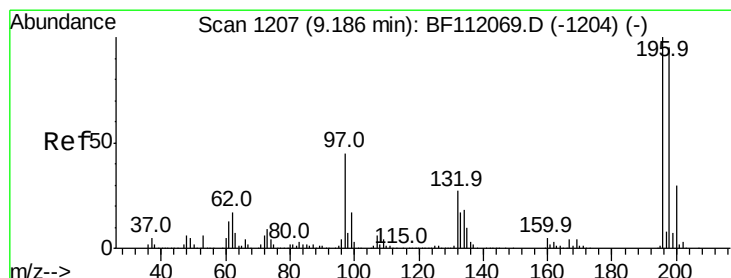
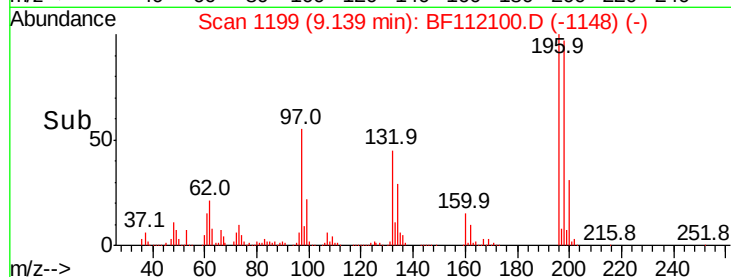
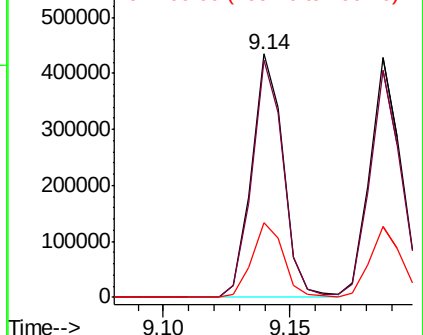
196 100

198 97.2 76.2 114.4

200 30.8 24.3 36.5



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



#44

2,4,5-Trichlorophenol

Concen: 40.422 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Tgt Ion:196 Resp: 376749

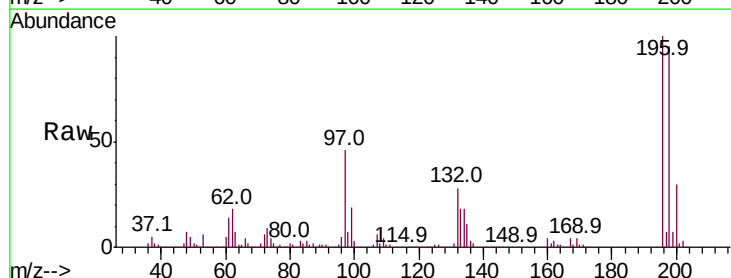
Ion Ratio Lower Upper

196 100

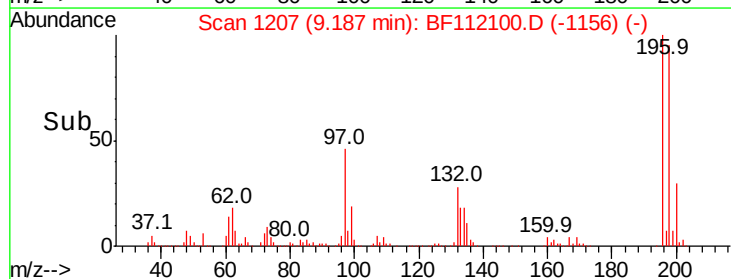
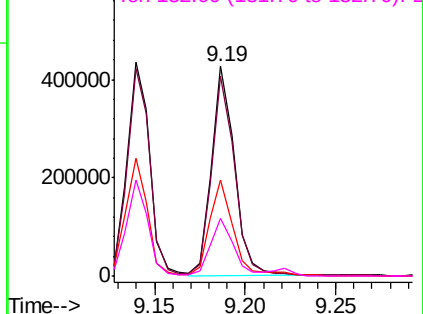
198 94.9 76.0 114.0

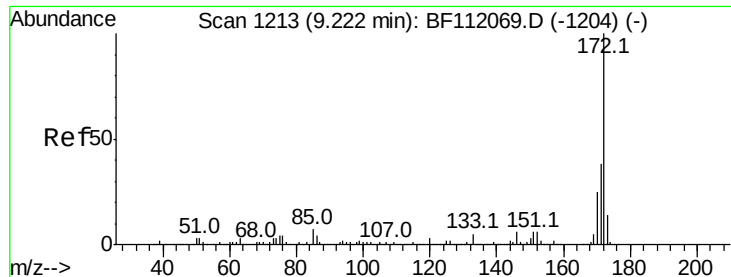
97 46.0 36.4 54.6

132 27.6 21.5 32.3



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





#45

2-Fluorobiphenyl

Concen: 80.072 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

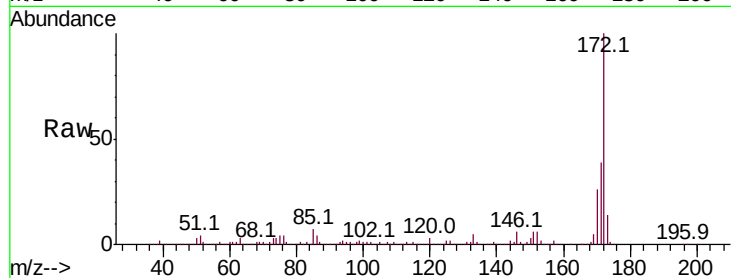
Tot Ion:172 Resp: 2488016

Ion Ratio Lower Upper

172 100

171 38.6 30.5 45.7

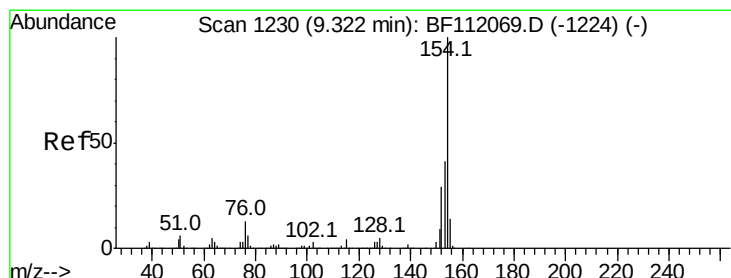
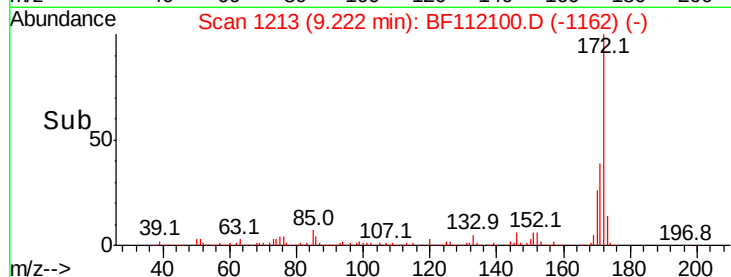
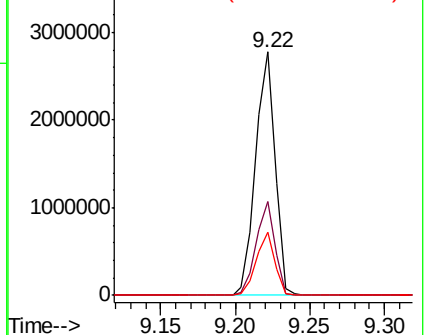
170 25.7 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.799 ng

RT: 9.32 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

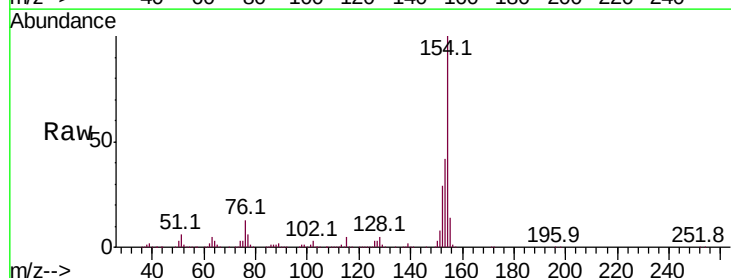
Tgt Ion:154 Resp: 1592192

Ion Ratio Lower Upper

154 100

153 42.0 21.5 61.5

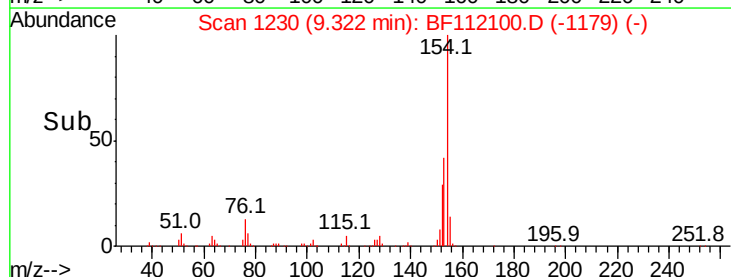
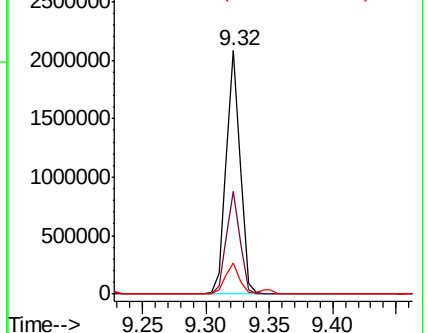
76 12.6 0.0 33.1

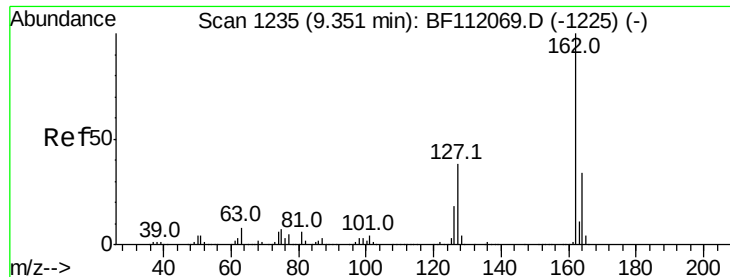


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

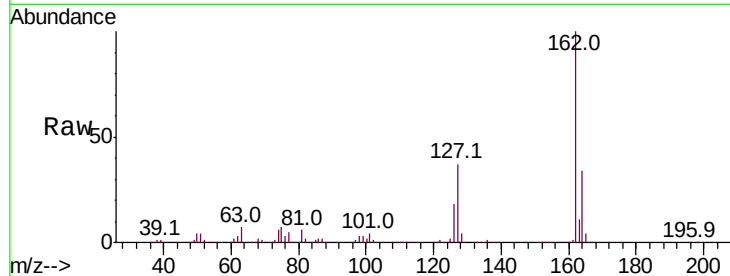




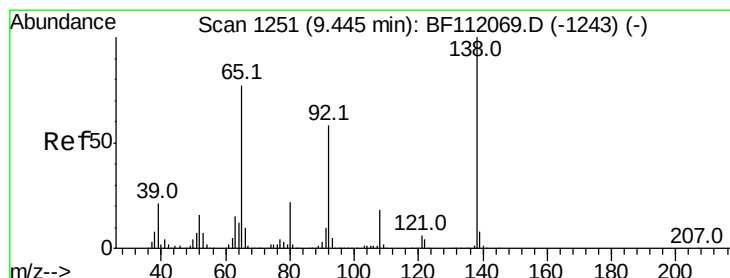
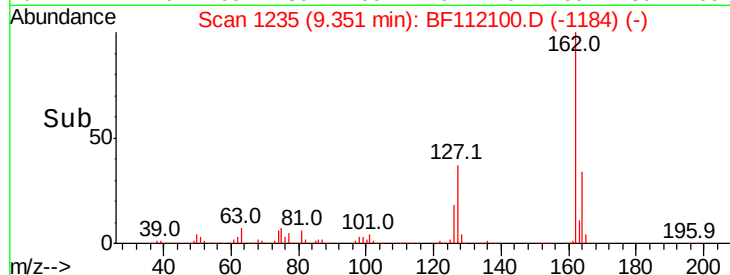
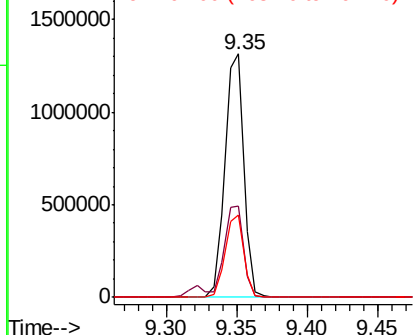
#47
 2-Chloronaphthalene
 Concen: 41.025 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 1223240
 Ion Ratio Lower Upper
 162 100
 127 37.3 30.4 45.6
 164 33.9 27.4 41.2

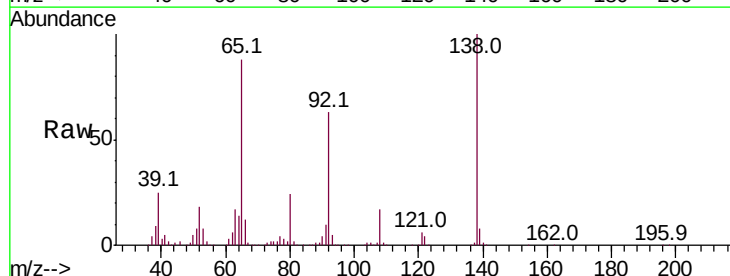


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

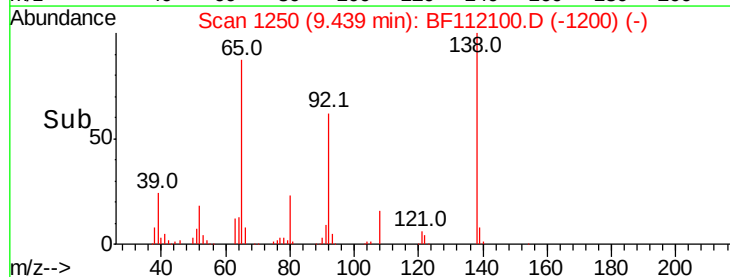
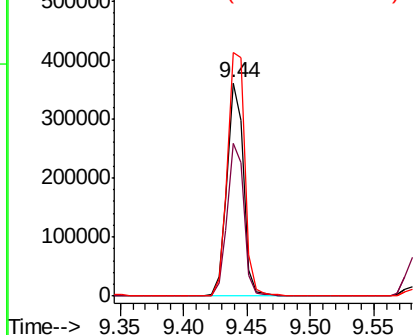


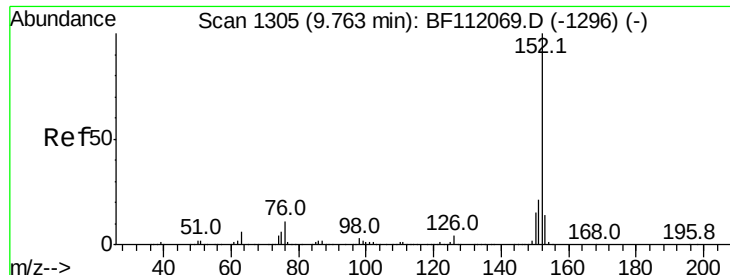
#48
 2-Nitroaniline
 Concen: 48.476 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Tgt Ion: 65 Resp: 325570
 Ion Ratio Lower Upper
 65 100
 92 71.4 60.4 90.6
 138 114.1 104.4 156.6



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





#49

Acenaphthylene

Concen: 38.984 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

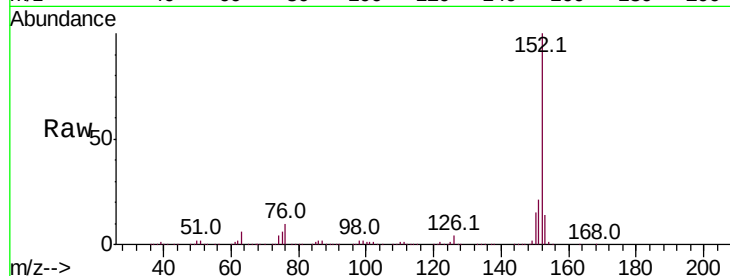
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1696241

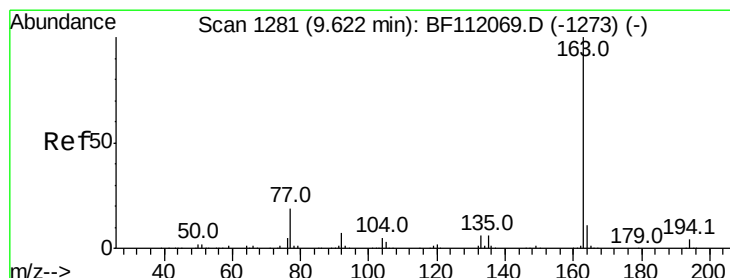
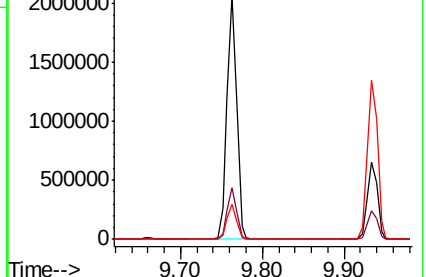
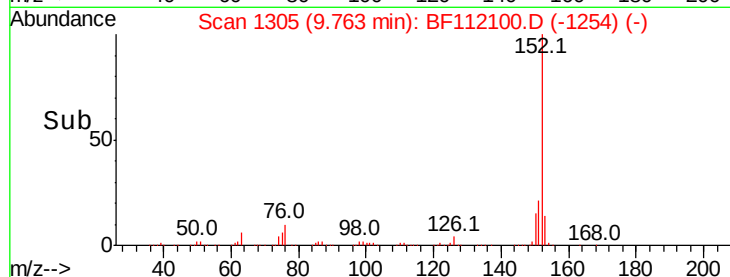
Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.0	25.6
153	14.3	11.2	16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.958 ng

RT: 9.62 min Scan# 1280

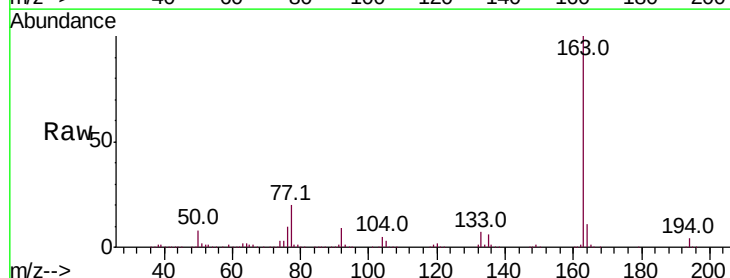
Delta R.T. -0.01 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Tgt Ion:163 Resp: 1393935

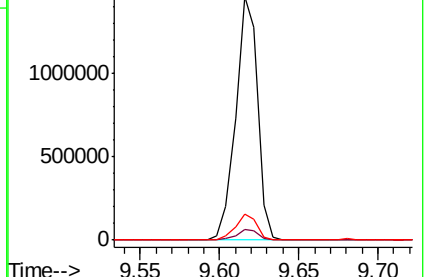
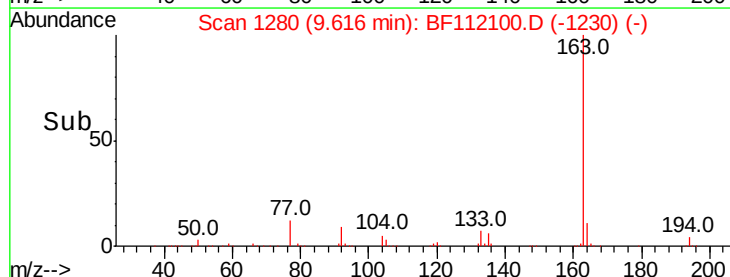
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.7	8.5	12.7

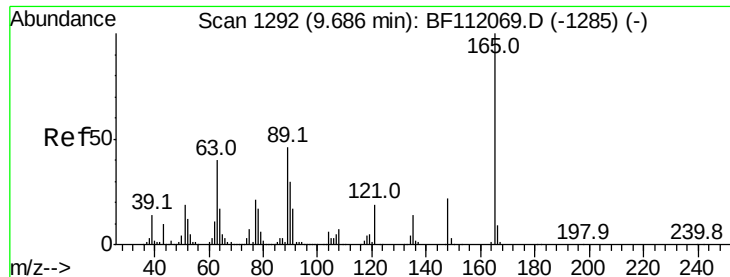


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

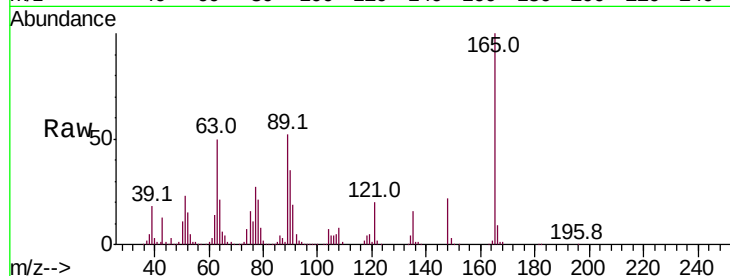




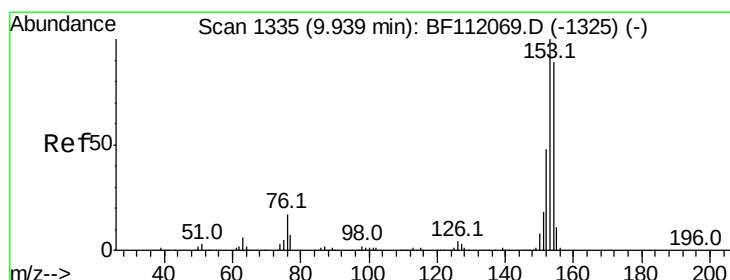
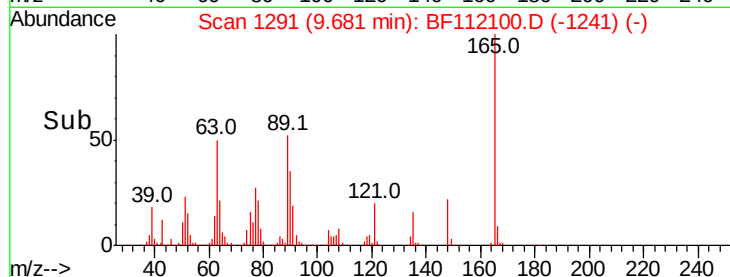
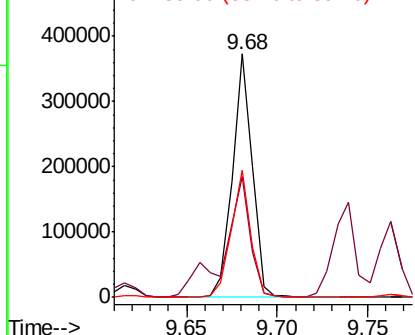
#51
2,6-Dinitrotoluene
Concen: 42.943 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.7	33.8	50.8
89	52.1	36.9	55.3

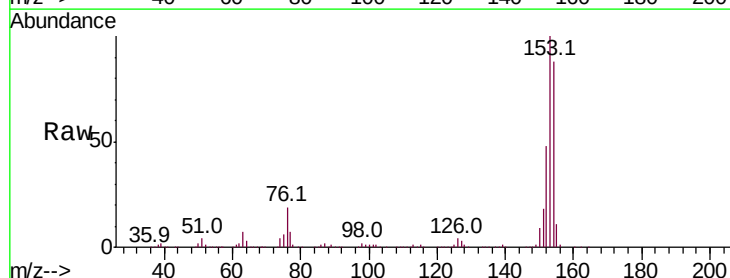


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

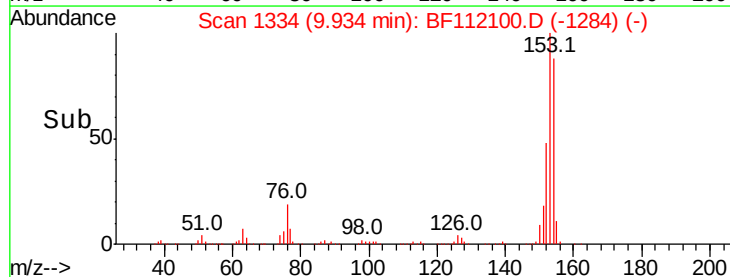
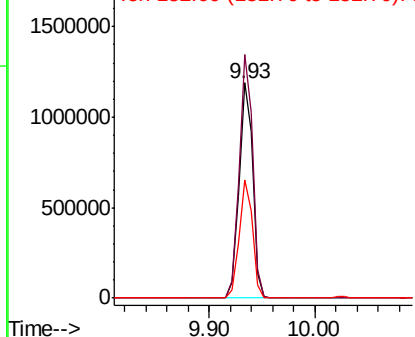


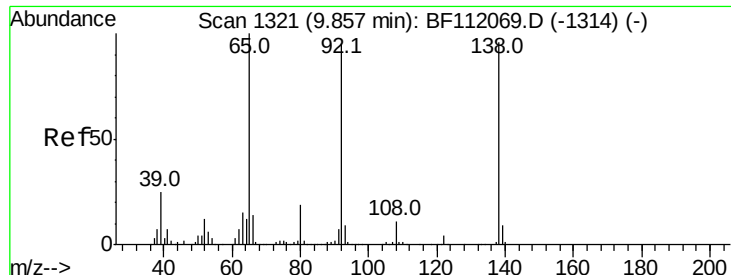
#52
Acenaphthene
Concen: 38.843 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.8	134.6
152	54.7	43.5	65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

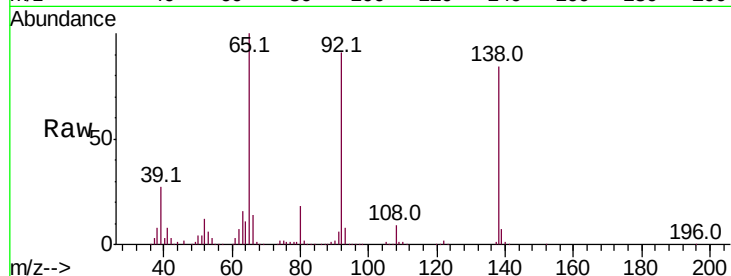




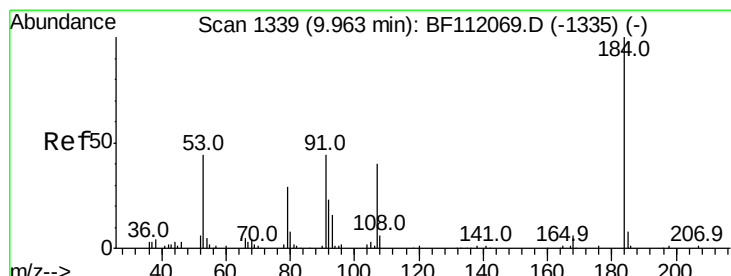
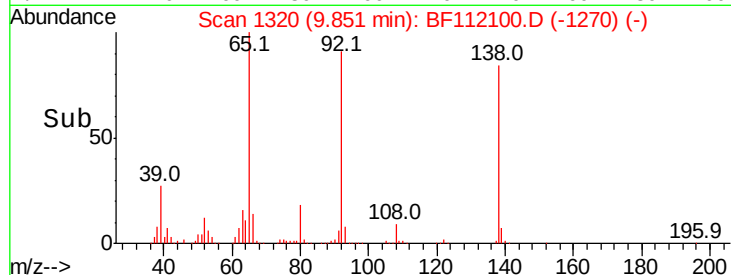
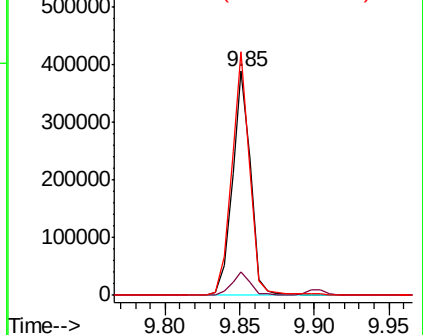
#53
3-Nitroaniline
Concen: 44.825 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 332567
Ion Ratio Lower Upper
138 100
108 10.5 9.8 14.6
92 108.6 79.4 119.2

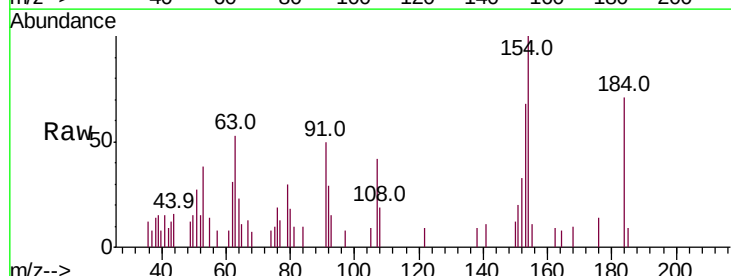


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

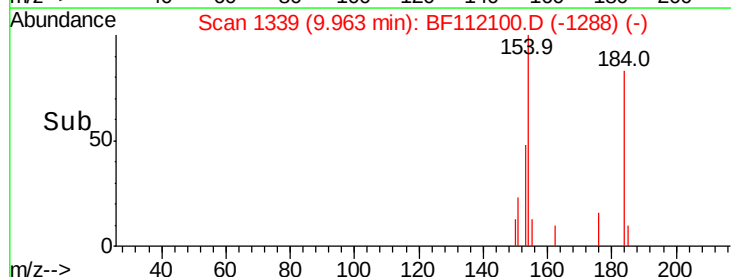
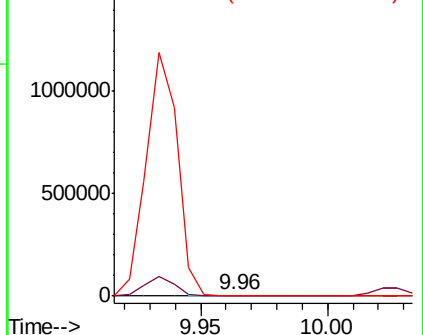


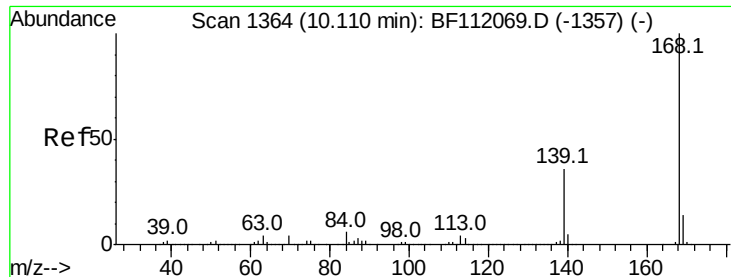
#54
2,4-Dinitrophenol
Concen: 10.712 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Tgt Ion:184 Resp: 3885
Ion Ratio Lower Upper
184 100
63 75.0 47.1 70.7#
154 140.7 48.9 73.3#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.525 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

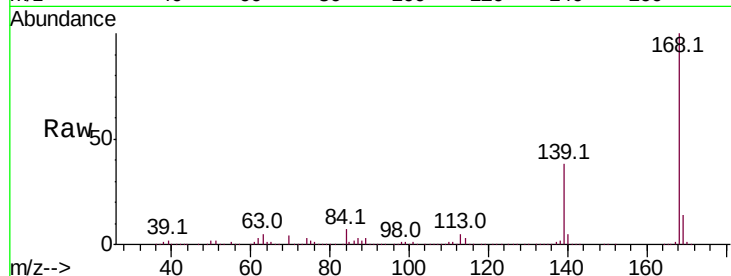
Tot Ion:168 Resp: 1551012

Ion Ratio Lower Upper

168 100

139 38.0 29.2 43.8

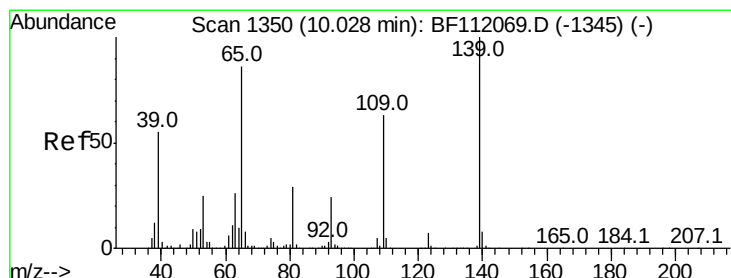
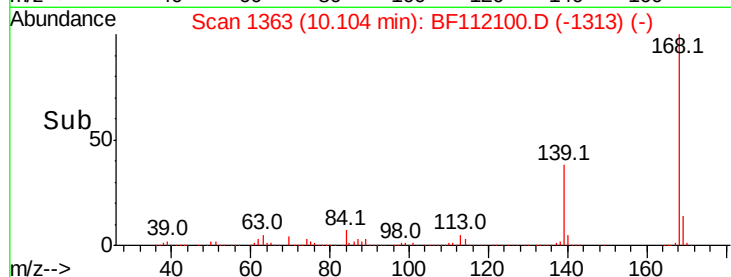
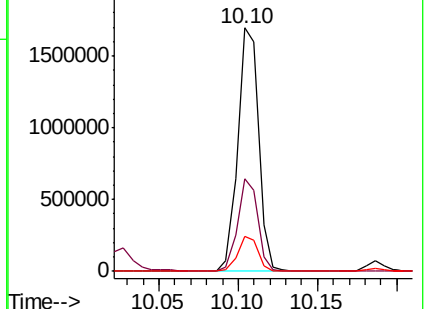
169 14.3 11.4 17.0



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



#56

4-Nitrophenol

Concen: 34.949 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

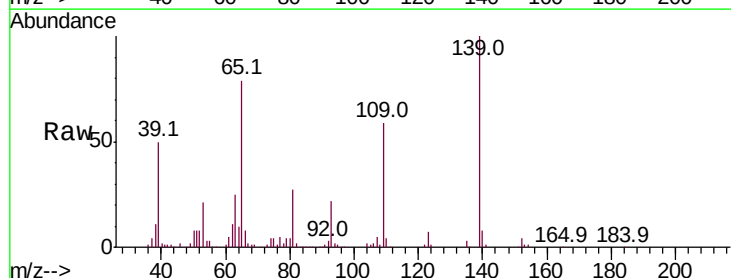
Tgt Ion:139 Resp: 167151

Ion Ratio Lower Upper

139 100

109 59.5 42.8 82.8

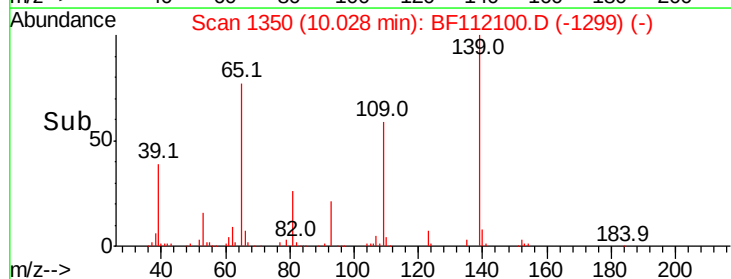
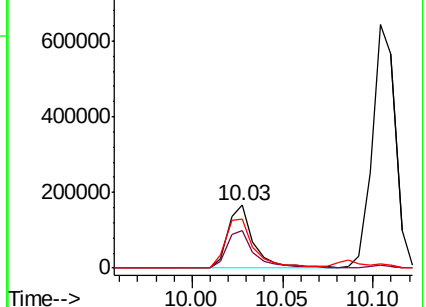
65 78.7 66.1 106.1

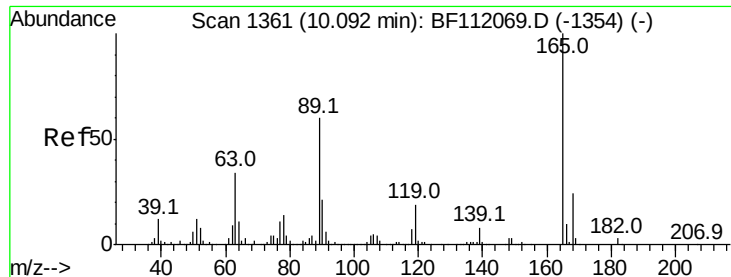


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

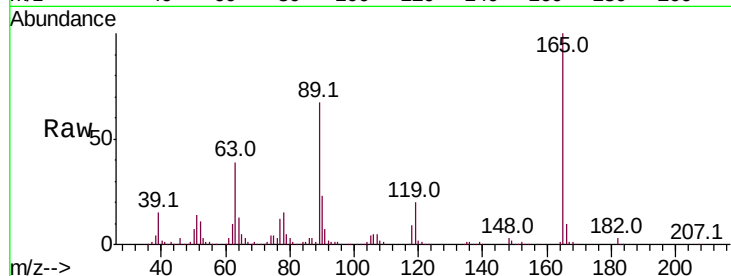




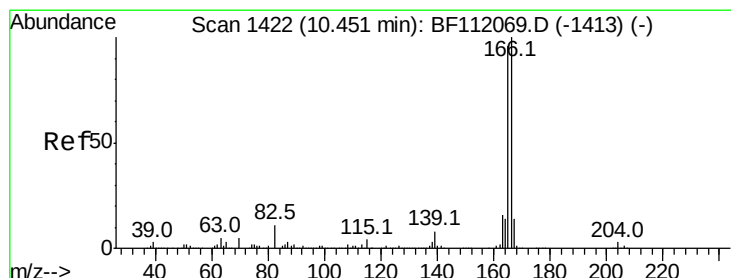
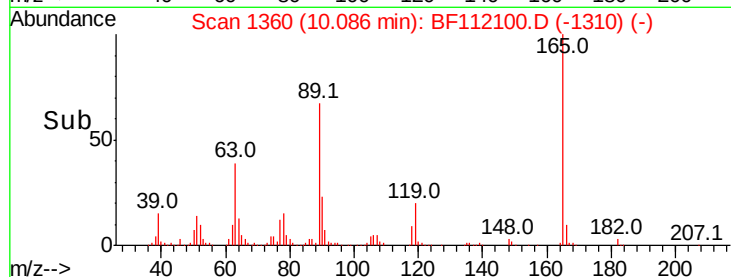
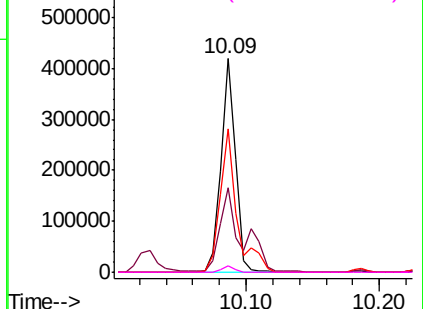
#57
 2,4-Dinitrotoluene
 Concen: 38.847 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165	Resp:	322625	
Ion Ratio	Lower	Upper	
165 100			
63 39.3	27.9	41.9	
89 66.9	47.9	71.9	
182 2.9	2.2	3.4	

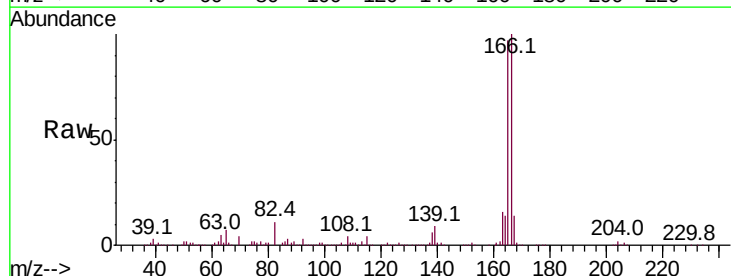


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

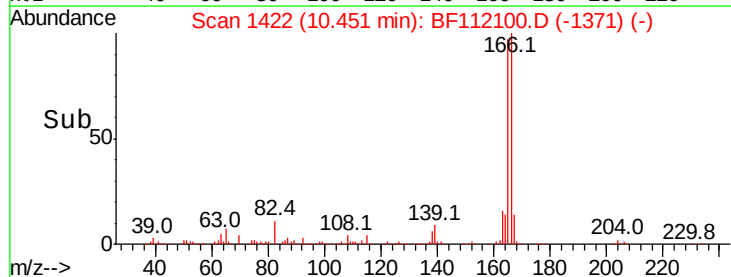
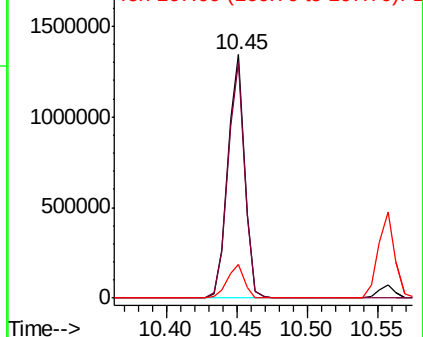


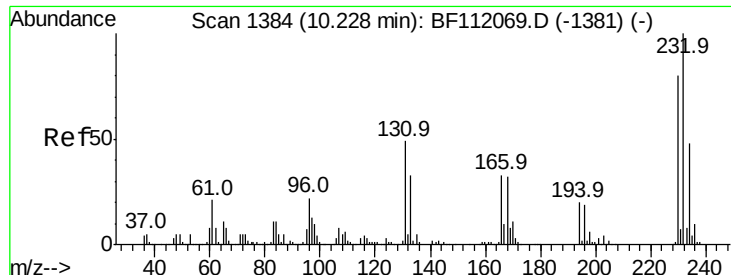
#58
 Fluorene
 Concen: 36.832 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Tgt	Ion:166	Resp:	1107913
Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.1	115.7
167	13.9	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

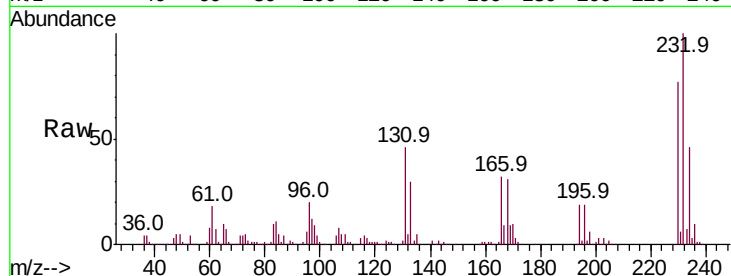




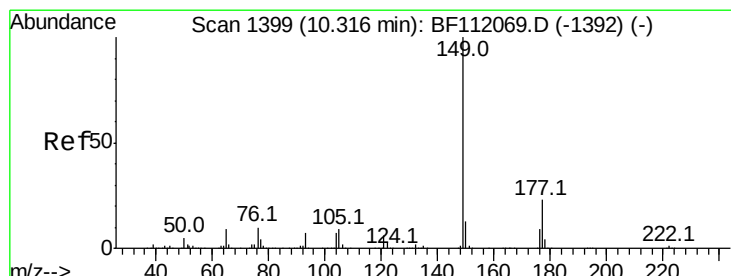
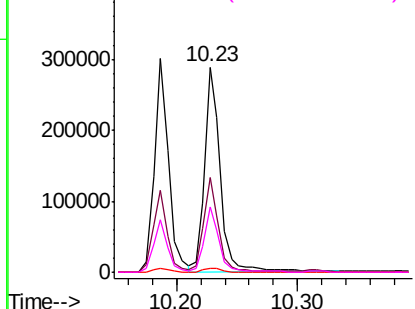
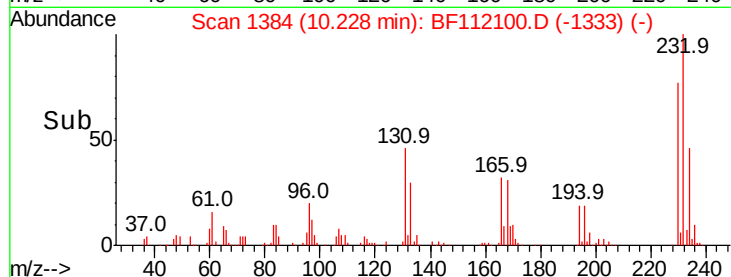
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.687 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	258028
Ion	Ratio	Lower	Upper
232	100		
131	44.5	33.9	50.9
130	2.3	1.8	2.6
166	30.2	23.6	35.4

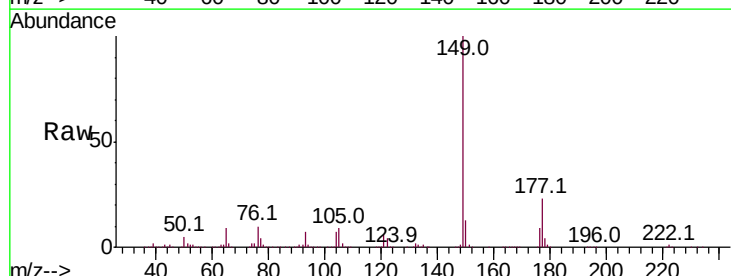


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

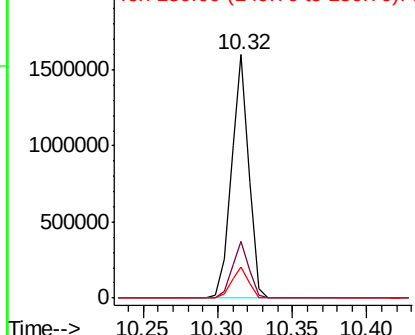
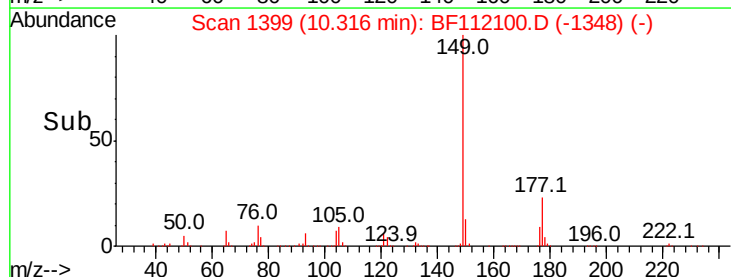


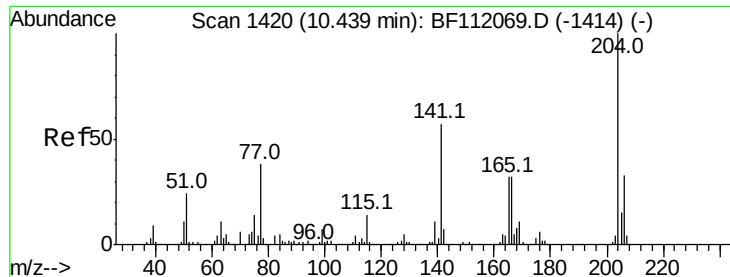
#60
 Diethylphthalate
 Concen: 40.526 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Tgt Ion:	149	Resp:	1314230
Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.2	27.2
150	12.9	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

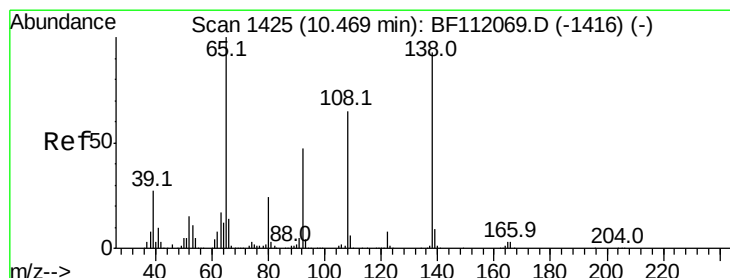
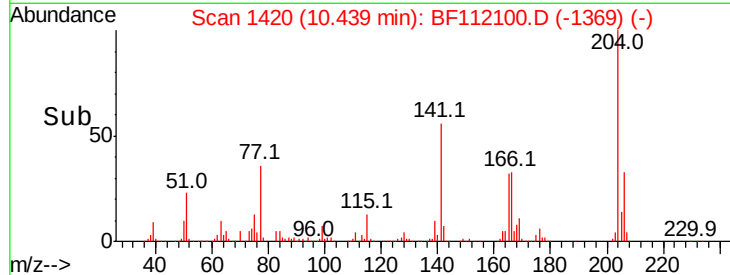
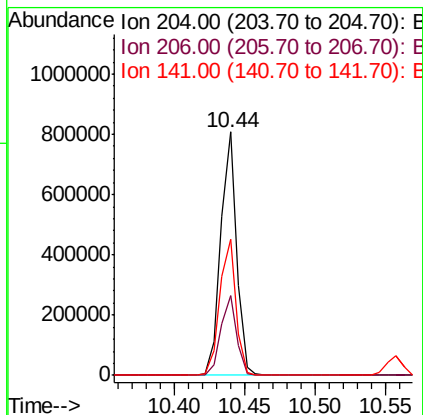
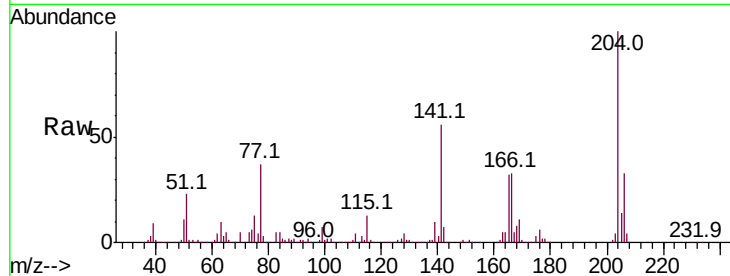




#61
 4-Chlorophenyl-phenylether
 Concen: 38.892 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

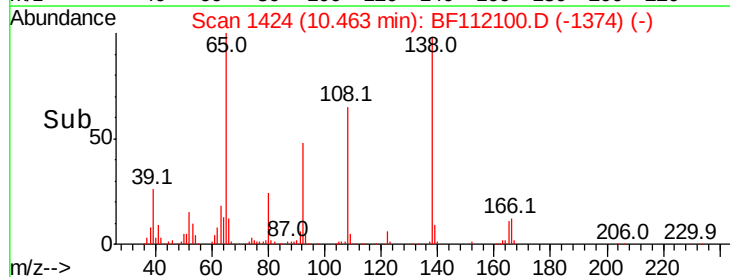
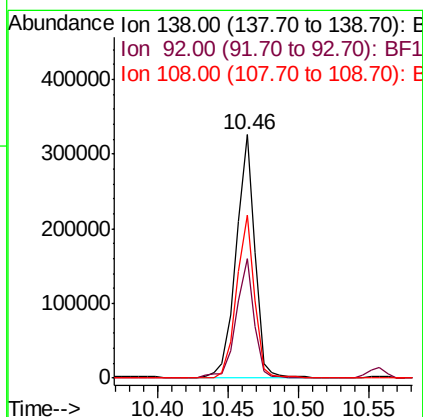
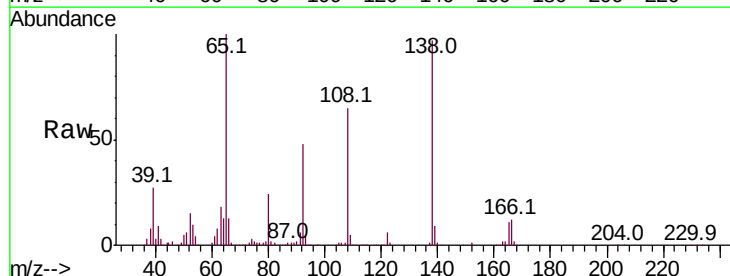
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

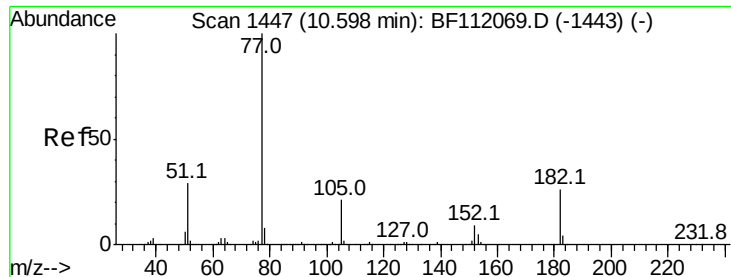
Tot Ion:204 Resp: 631283
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.5 39.7
 141 56.1 45.9 68.9



#62
 4-Nitroaniline
 Concen: 40.589 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Tgt Ion:138 Resp: 299029
 Ion Ratio Lower Upper
 138 100
 92 48.8 30.6 70.6
 108 67.0 50.0 90.0





#63

Azobenzene

Concen: 36.513 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1133951

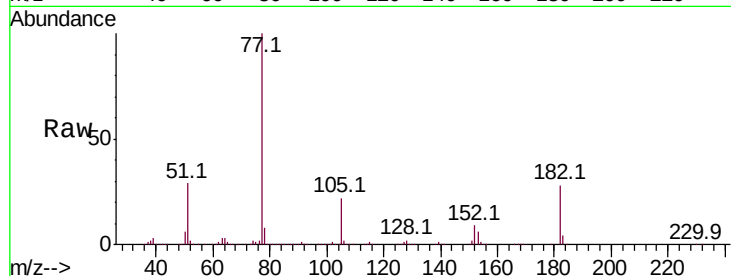
Ion Ratio Lower Upper

77 100

182 27.8 5.7 45.7

105 22.3 1.4 41.4

51 28.6 9.5 49.5

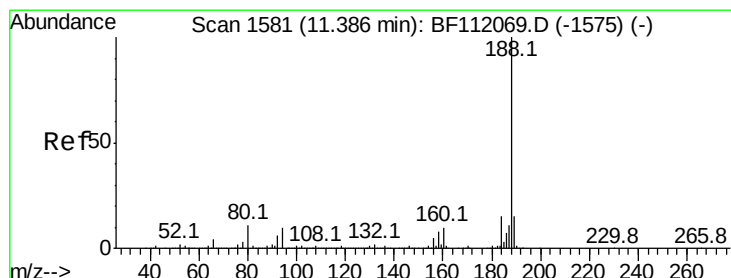
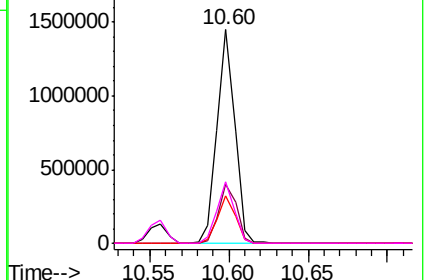
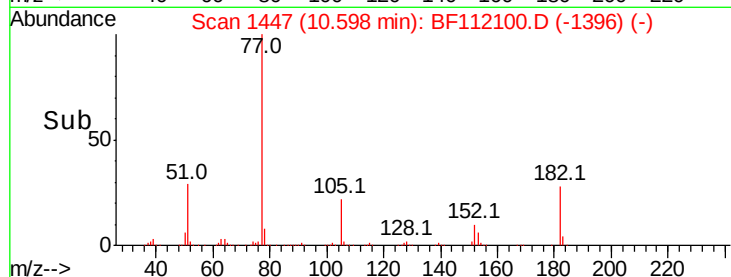


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

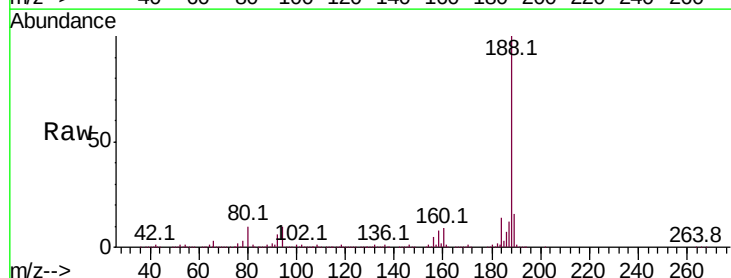
Tgt Ion: 188 Resp: 724483

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

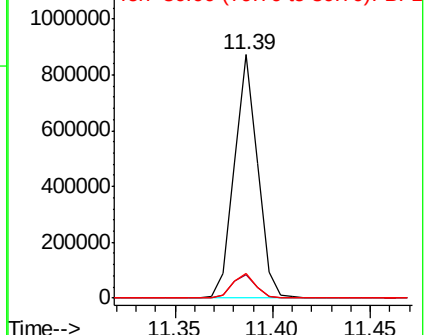
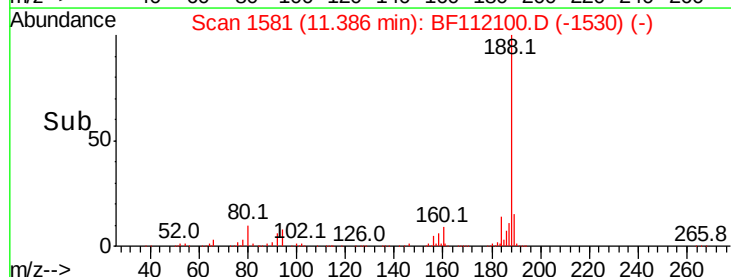
80 10.1 8.9 13.3

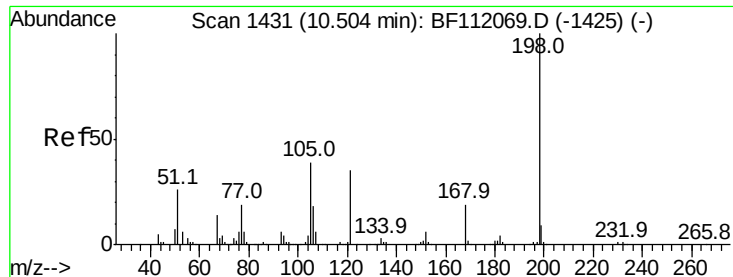


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 14.571 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

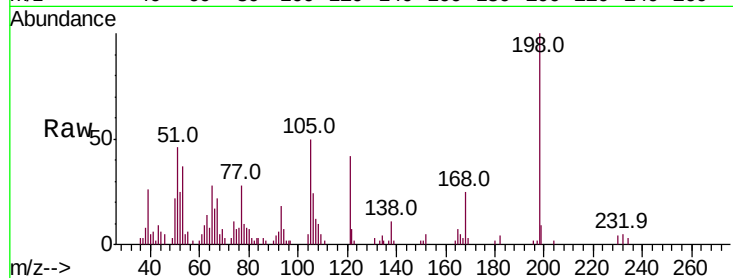
Tot Ion:198 Resp: 17212

Ion	Ratio	Lower	Upper
198	100		
51	46.2	17.2	57.2
105	49.8	21.9	61.9

198 100

51 46.2 17.2 57.2

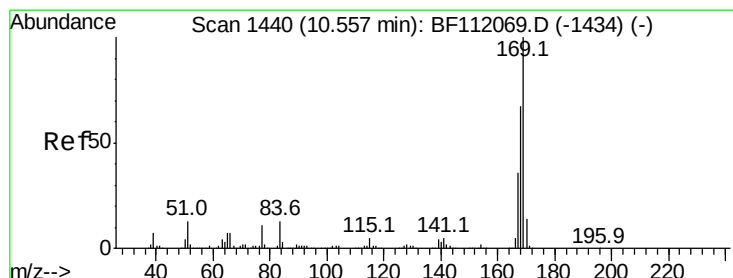
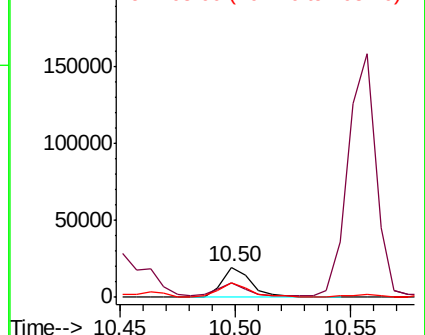
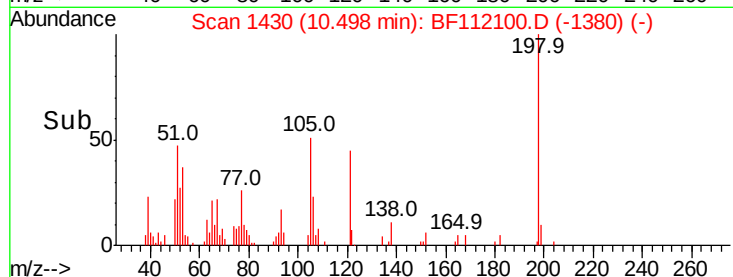
105 49.8 21.9 61.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.668 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

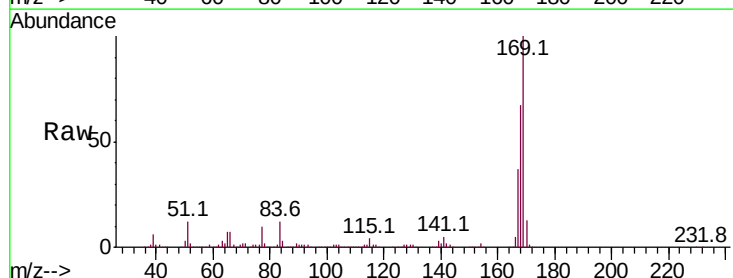
Tgt Ion:169 Resp: 1069821

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.9	80.9
167	36.6	28.9	43.3

169 100

168 66.9 53.9 80.9

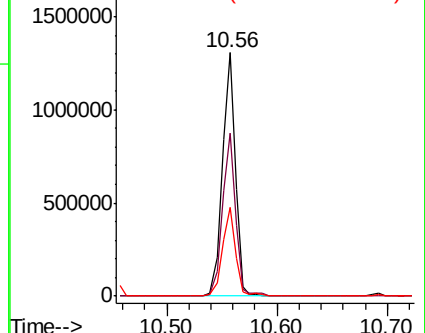
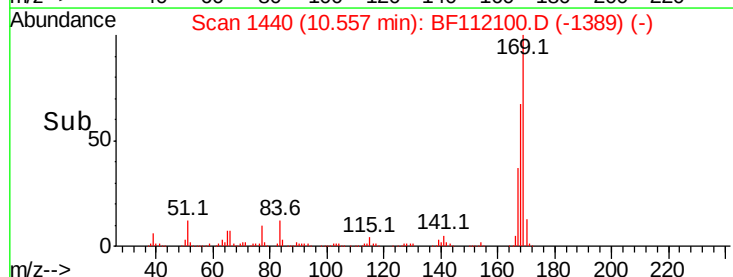
167 36.6 28.9 43.3

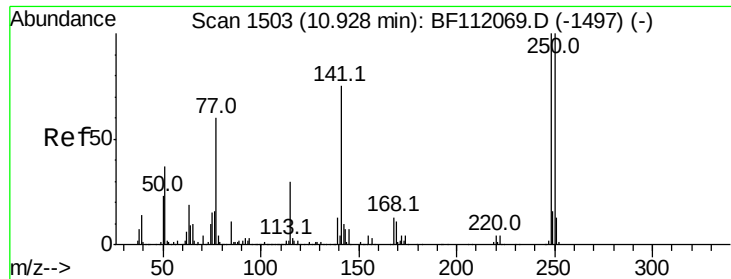


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

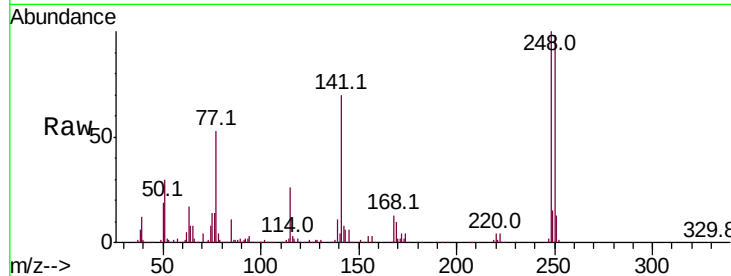




#67
4-Bromophenyl-phenylether
Concen: 43.435 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	79.7	119.5
141	69.7	60.3	90.5

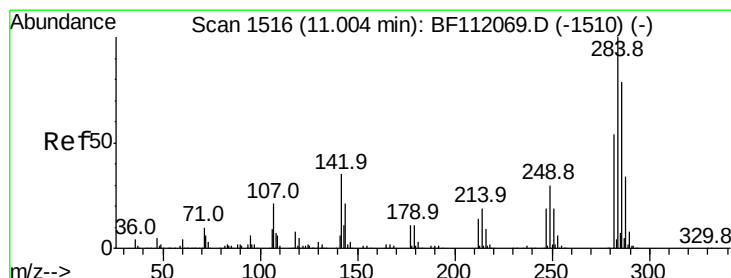
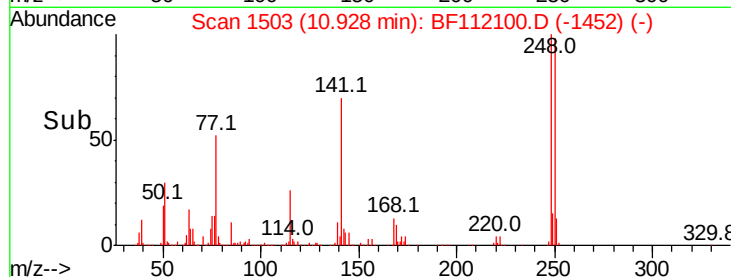
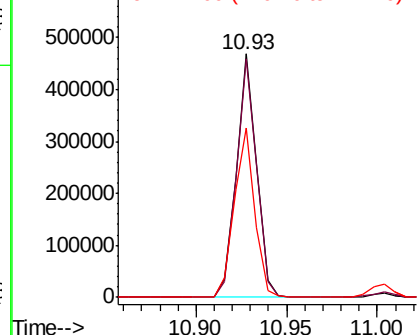


Abundance

Ion 248.00 (247.70 to 248.70): E

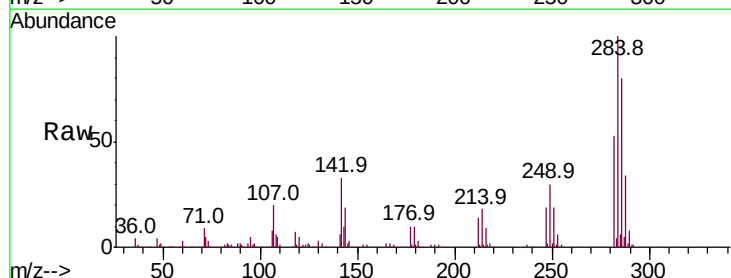
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.508 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	27.6	41.4
249	30.2	24.1	36.1

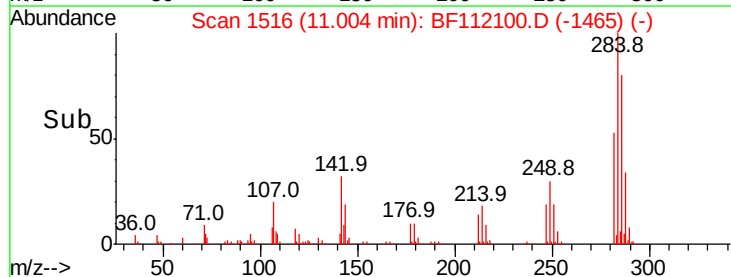
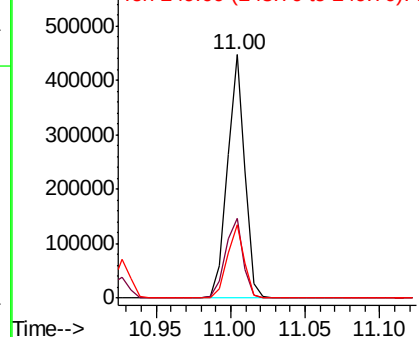


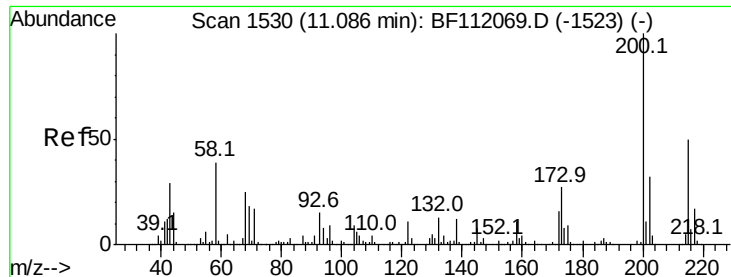
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

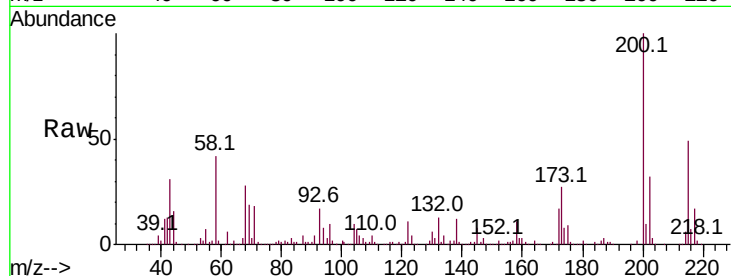




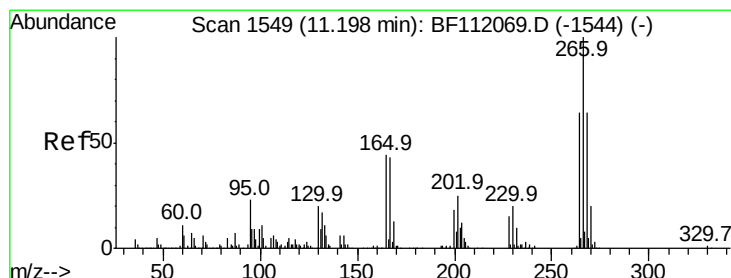
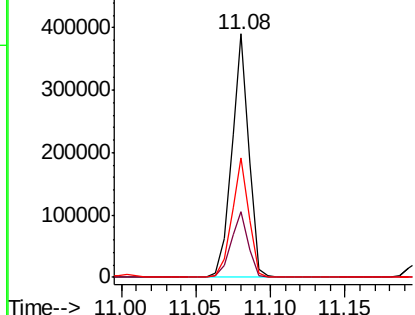
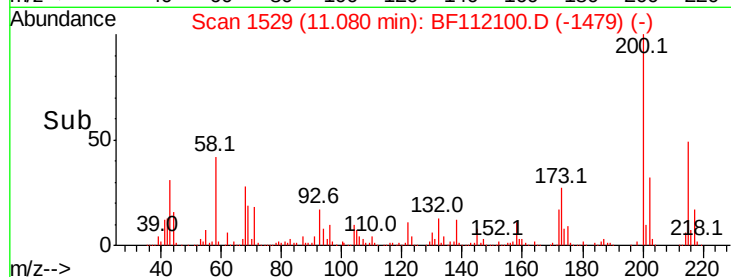
#69
Atrazine
Concen: 40.750 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 314947
Ion Ratio Lower Upper
200 100
173 26.9 7.1 47.1
215 49.0 30.4 70.4

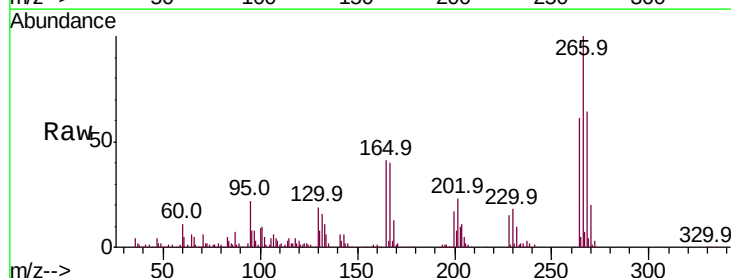


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

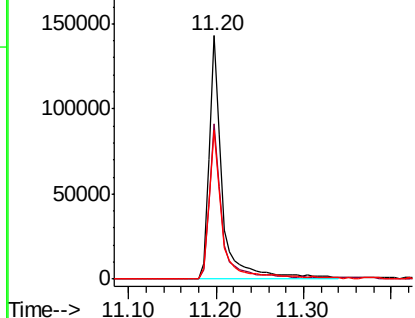
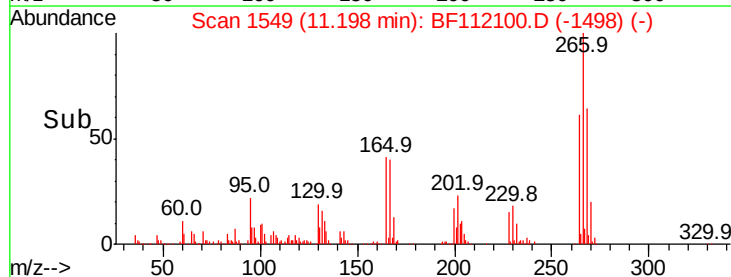


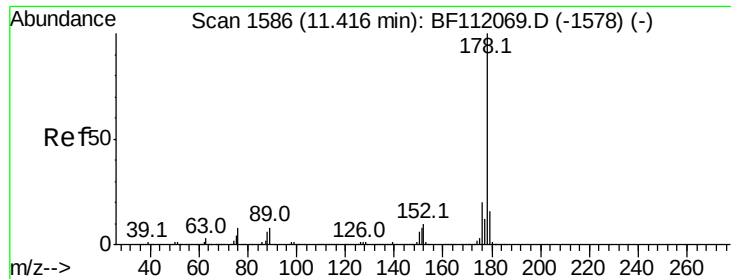
#70
Pentachlorophenol
Concen: 38.031 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Tgt Ion:266 Resp: 150645
Ion Ratio Lower Upper
266 100
268 64.0 51.2 76.8
264 61.2 50.9 76.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

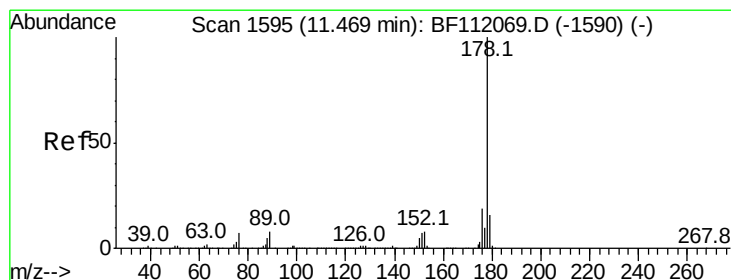
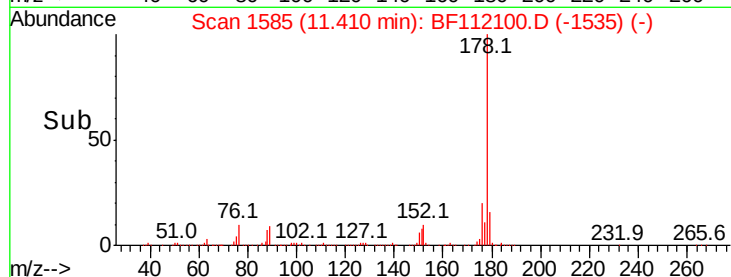
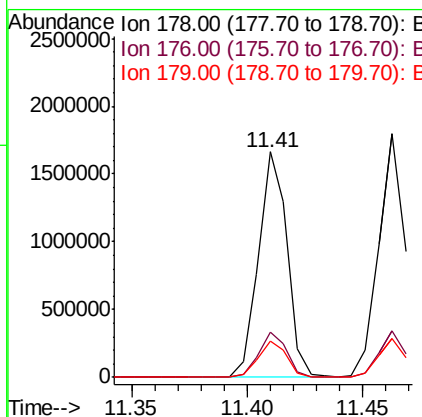
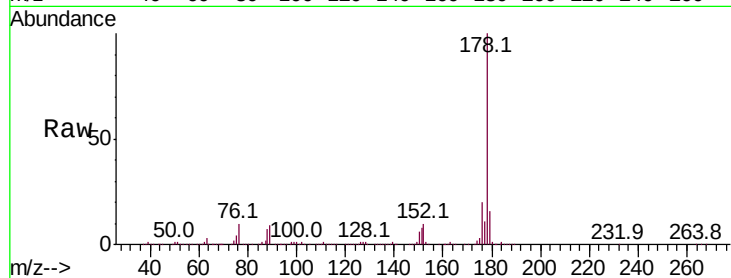




#71
Phenanthrene
Concen: 39.529 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

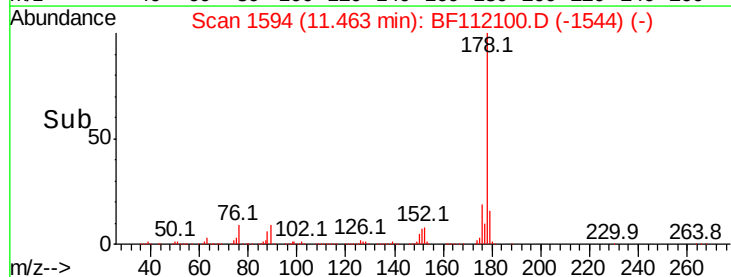
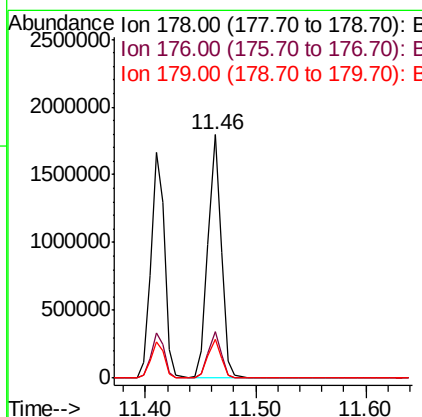
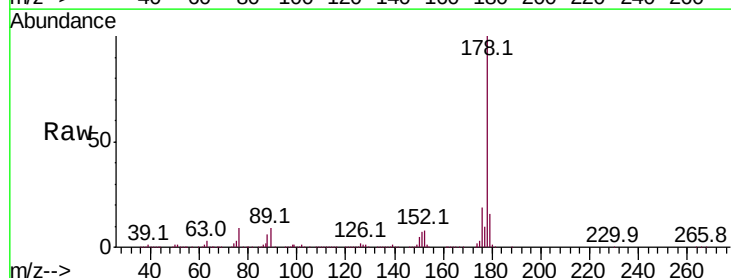
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

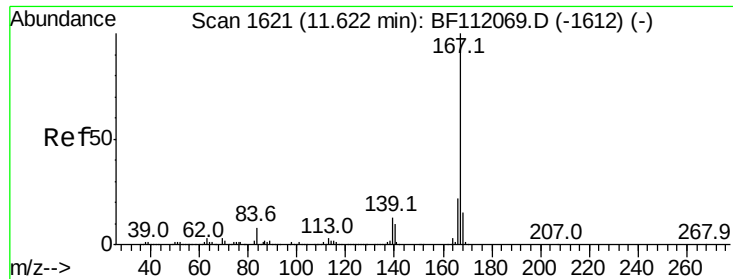
Tot Ion:178 Resp: 1441223
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 16.2 13.0 19.4



#72
Anthracene
Concen: 39.226 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Tgt Ion:178 Resp: 1448785
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.8 12.8 19.2



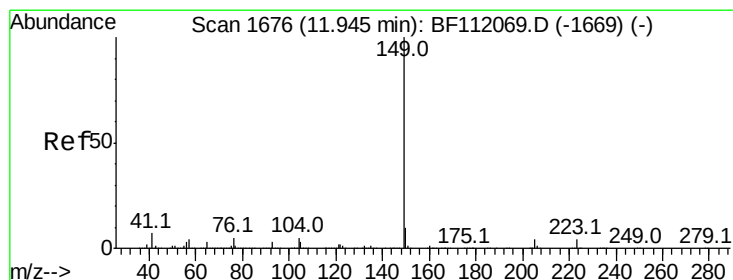
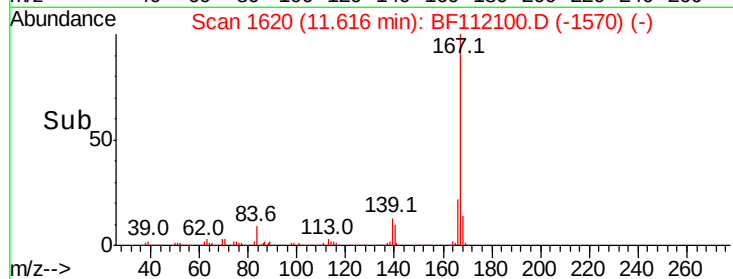
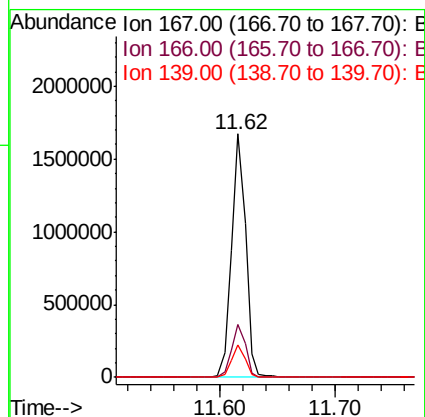
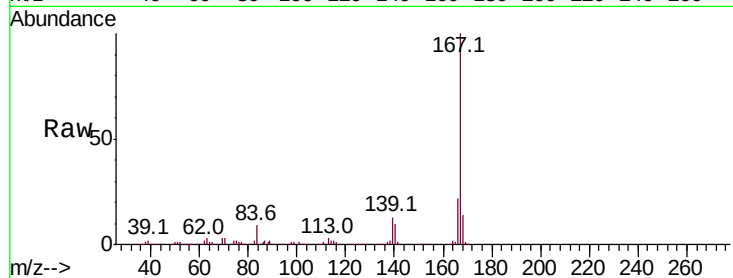


#73
 Carbazole
 Concen: 38.280 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1416317

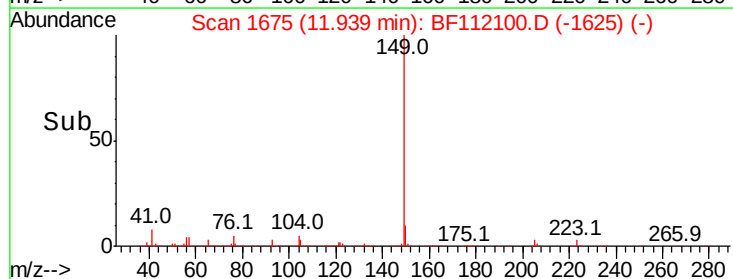
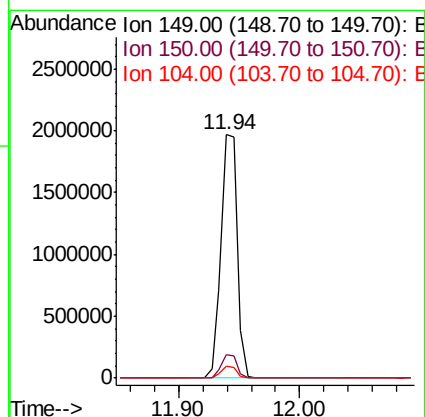
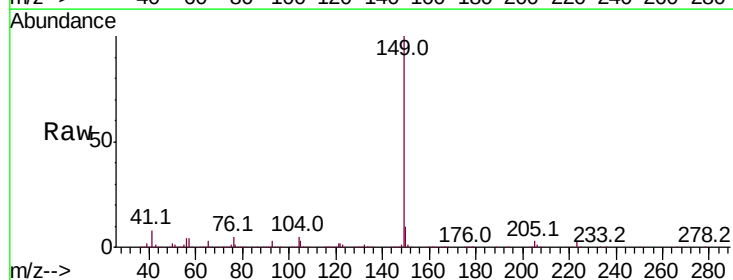
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	13.2	10.2	15.2

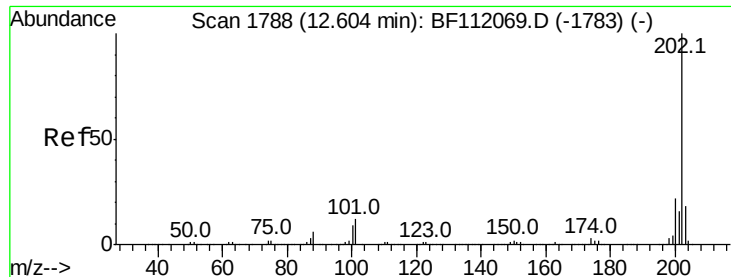


#74
 Di-n-butylphthalate
 Concen: 43.450 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Tgt Ion:149 Resp: 1808349

Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	4.8	3.9	5.9





#75

Fluoranthene

Concen: 37.758 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

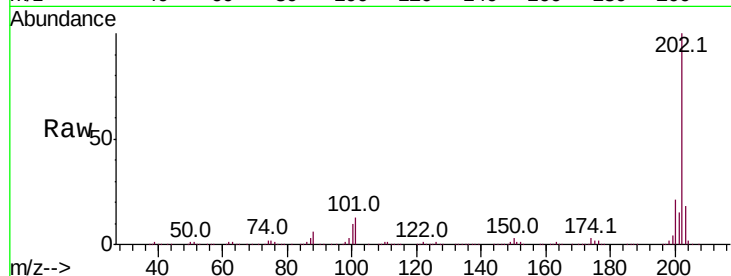
Tot Ion:202 Resp: 1453541

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.8

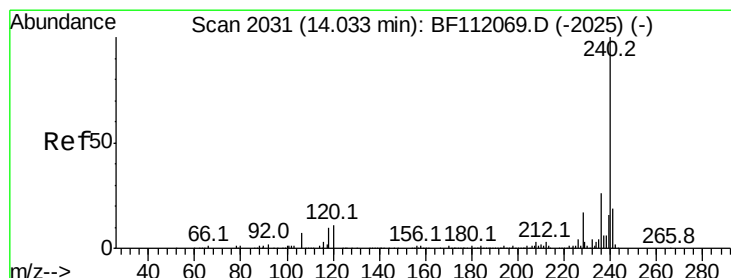
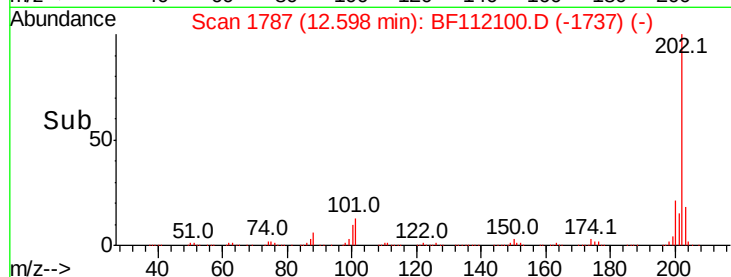
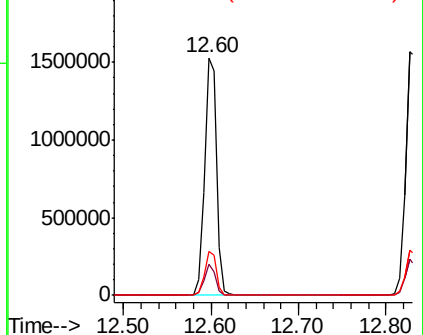
203 18.2 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

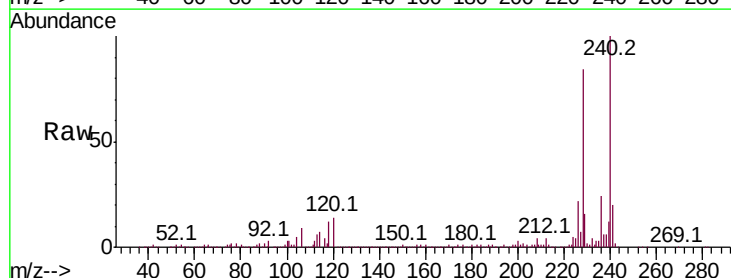
Tgt Ion:240 Resp: 641706

Ion Ratio Lower Upper

240 100

120 13.5 9.0 13.6

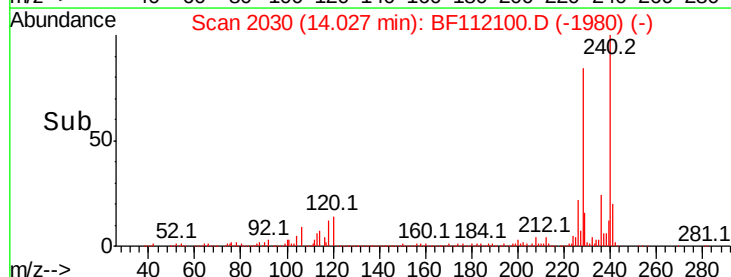
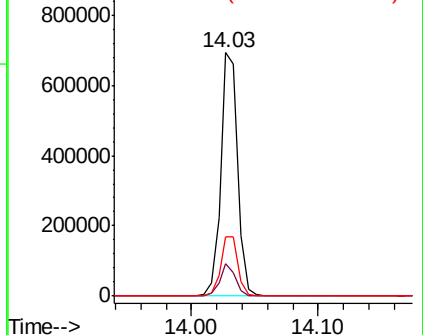
236 24.4 20.7 31.1

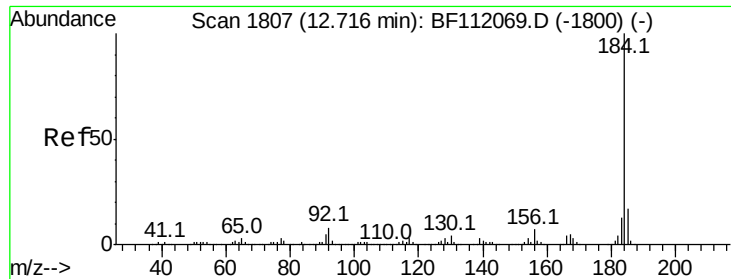


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.302 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

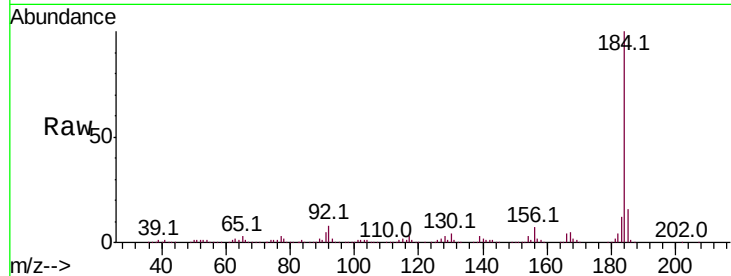
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 798647

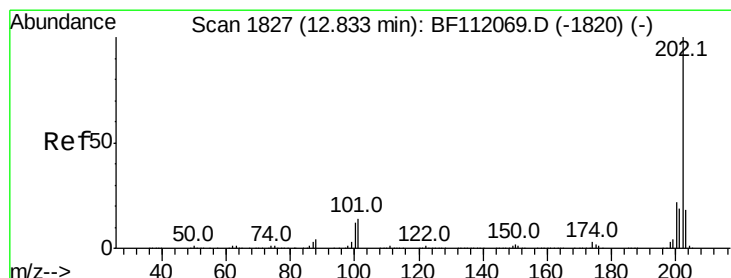
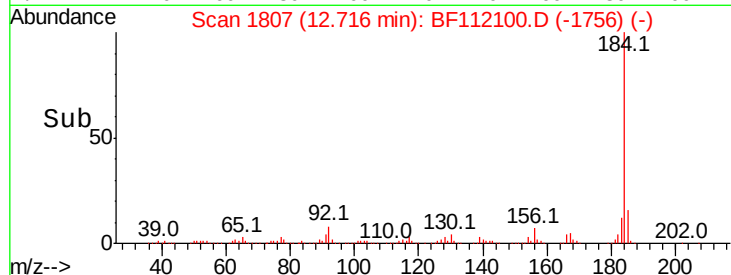
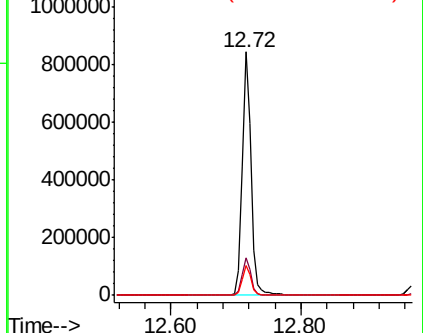
Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.9	20.9
183	12.1	10.0	15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.181 ng

RT: 12.83 min Scan# 1826

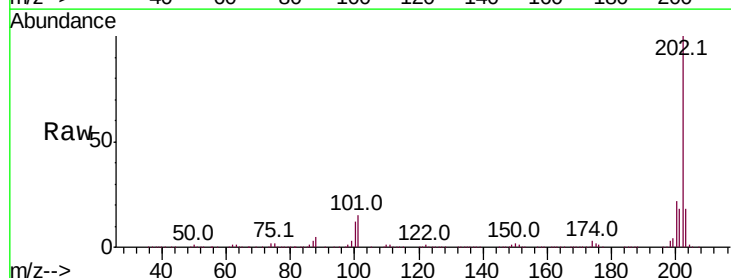
Delta R.T. -0.01 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Tgt Ion:202 Resp: 1531790

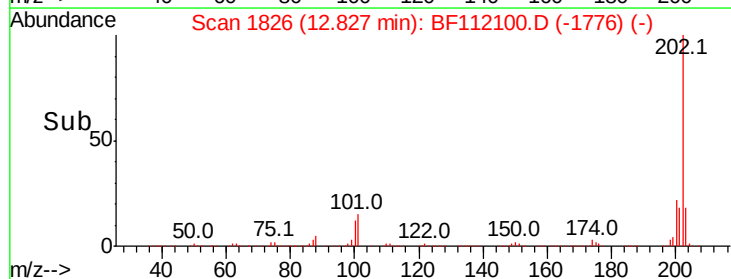
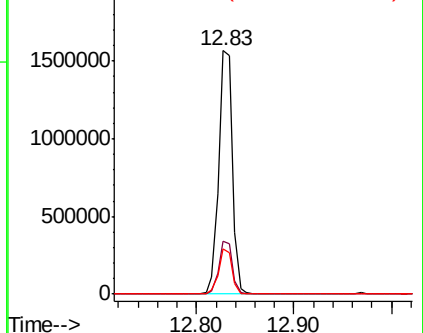
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	18.3	14.6	22.0

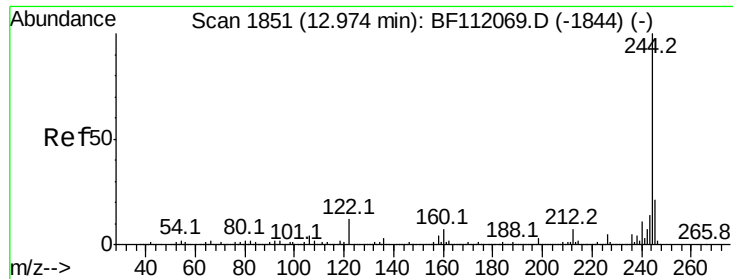


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

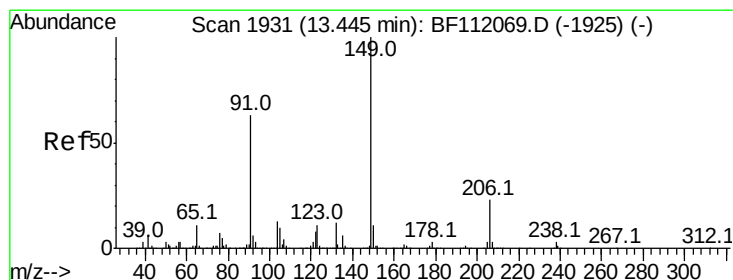
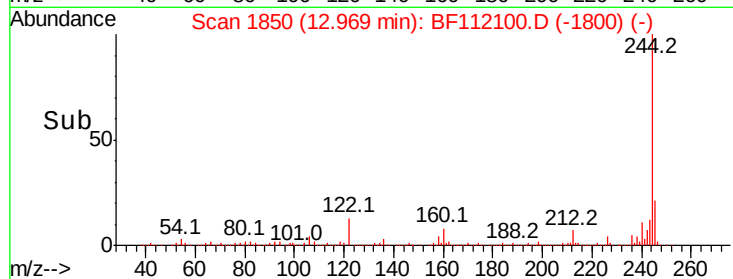
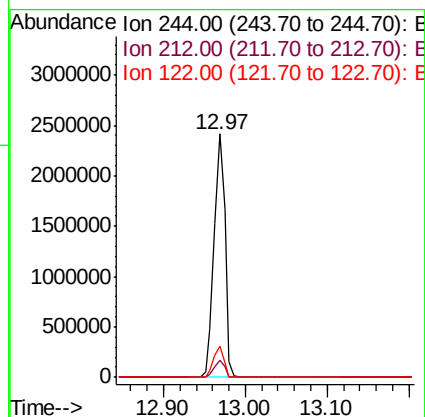
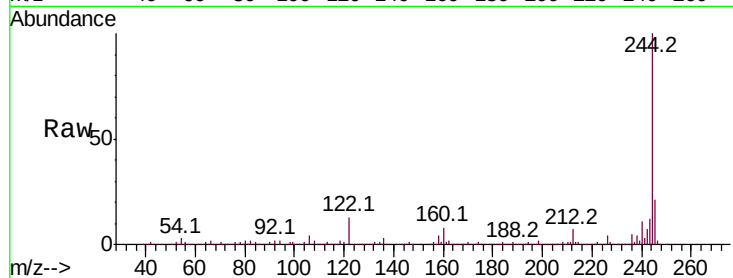




#79
 Terphenyl-d14
 Concen: 74.301 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

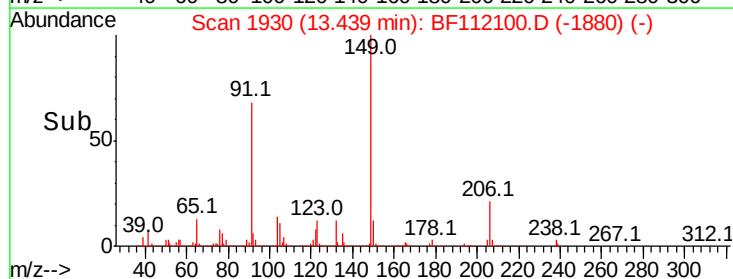
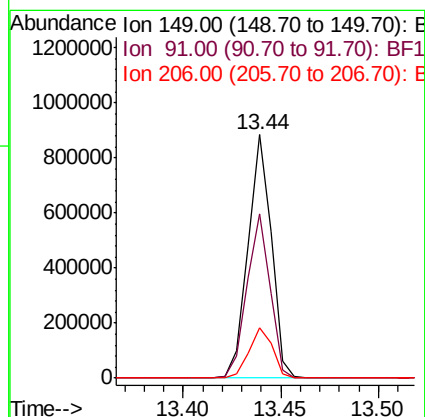
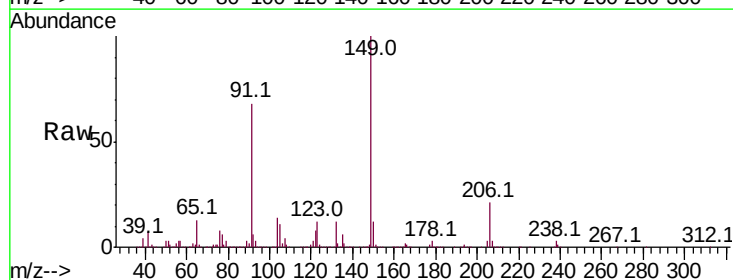
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

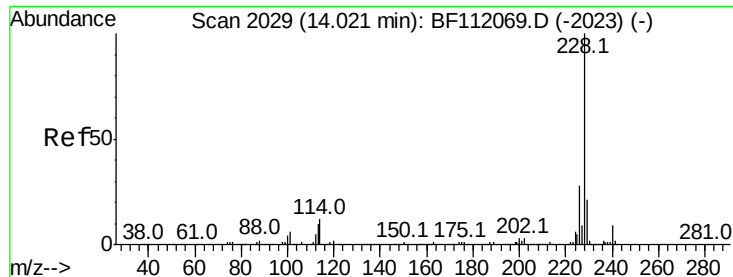
Tot Ion:244 Resp: 2241227
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.6 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 39.400 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BF112100.D
 Acq: 17 Jan 2019 21:03

Tgt Ion:149 Resp: 731789
 Ion Ratio Lower Upper
 149 100
 91 67.5 50.3 75.5
 206 20.8 18.2 27.4





#81

Benzo(a)anthracene

Concen: 38.317 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

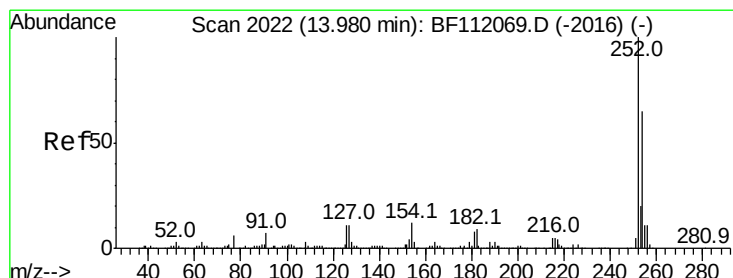
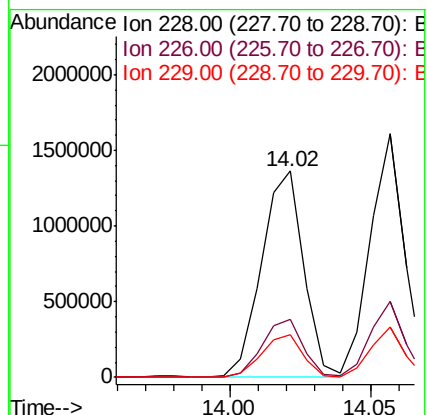
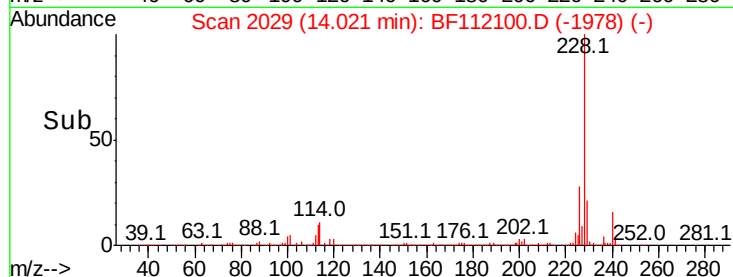
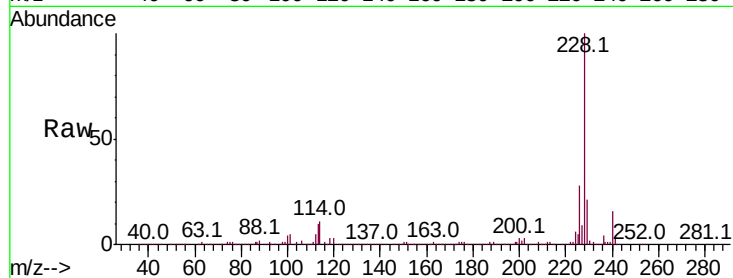
Tot Ion:228 Resp: 1409828

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	20.5	16.5	24.7

228 100

226 27.9 22.6 34.0

229 20.5 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 44.029 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

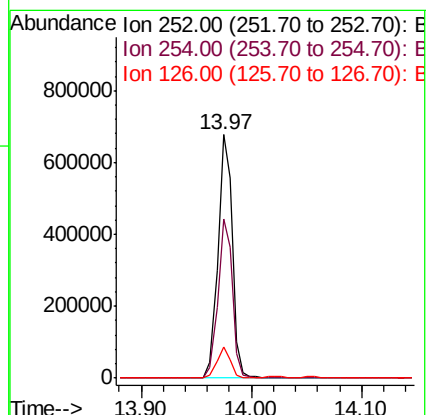
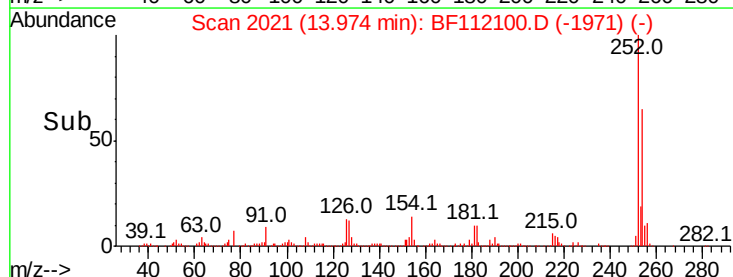
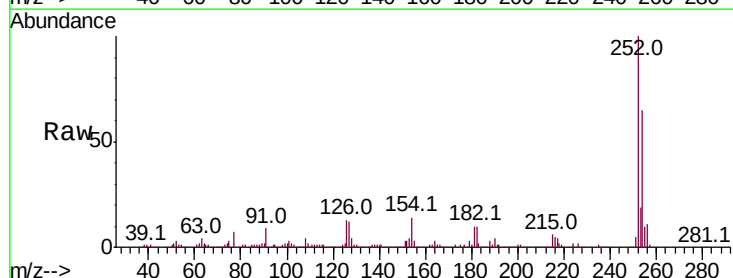
Tgt Ion:252 Resp: 606686

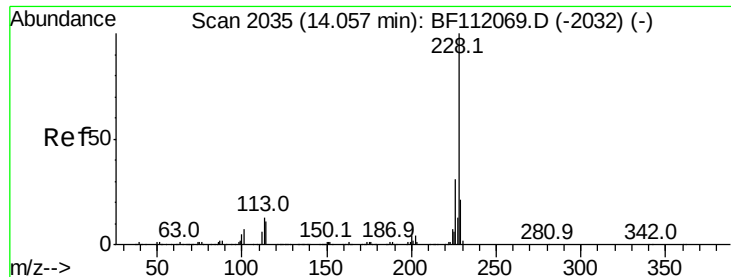
Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.6	77.4
126	12.7	8.6	12.8

252 100

254 65.2 51.6 77.4

126 12.7 8.6 12.8





#83

Chrysene

Concen: 38.468 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

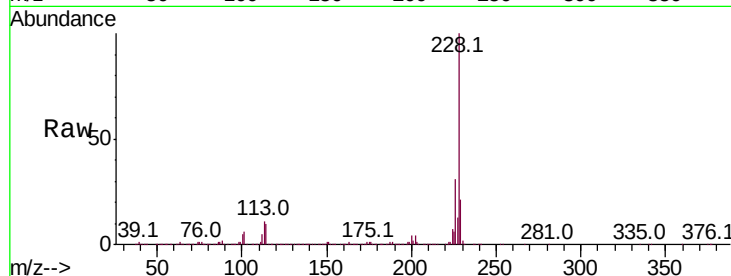
Tot Ion:228 Resp: 1339255

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

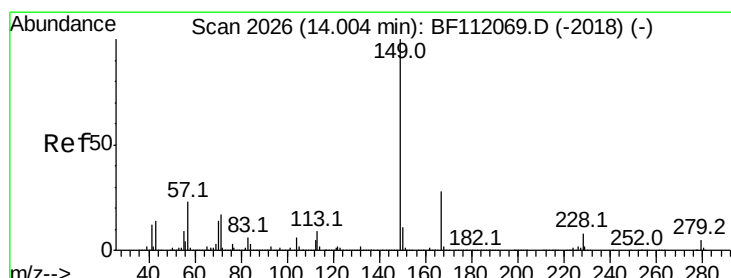
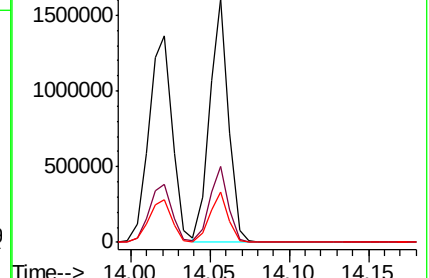
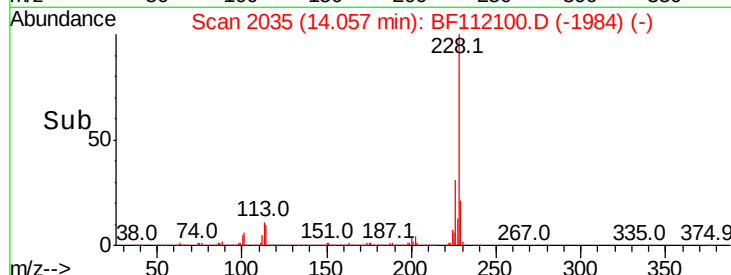
229 20.6 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.456 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

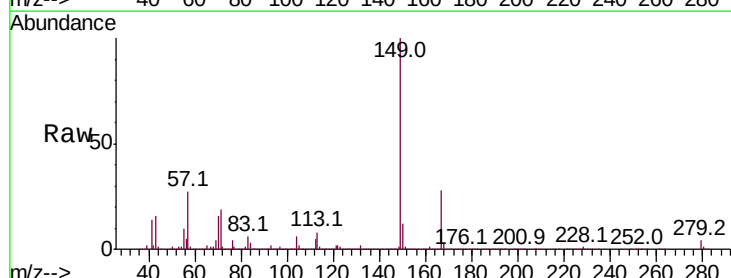
Tgt Ion:149 Resp: 1076891

Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

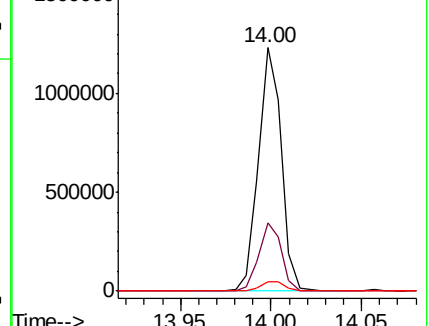
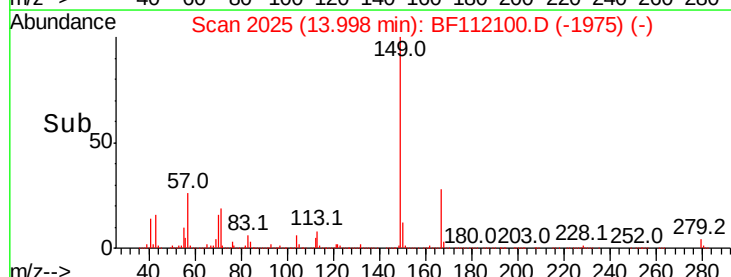
279 3.8 3.8 5.6

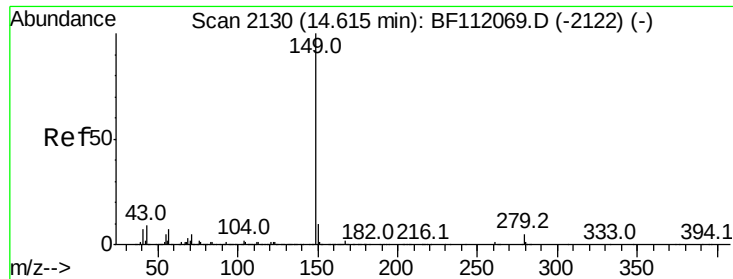


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.006 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

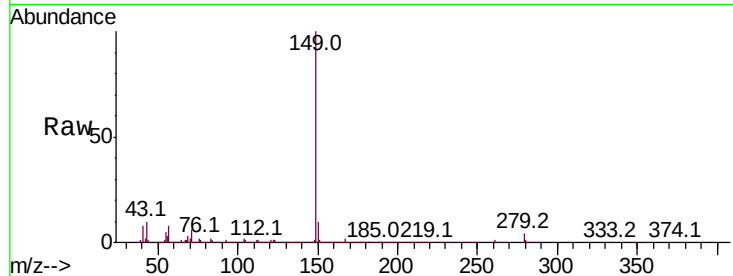
Tot Ion:149 Resp: 1763830

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

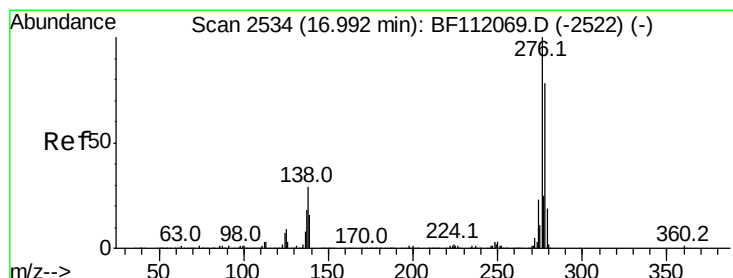
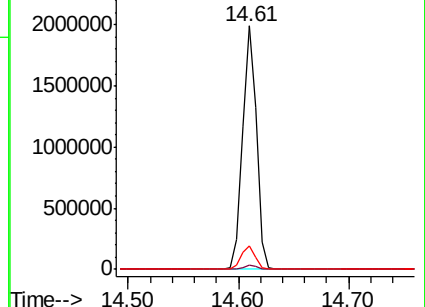
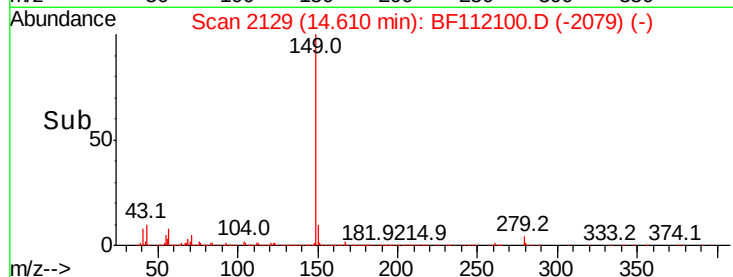
43 9.6 7.8 11.6



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.806 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

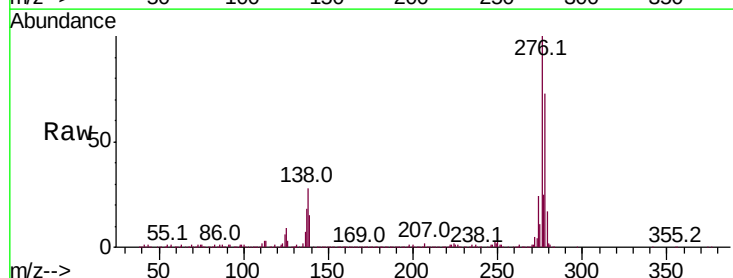
Tgt Ion:276 Resp: 989495

Ion Ratio Lower Upper

276 100

138 27.9 22.6 34.0

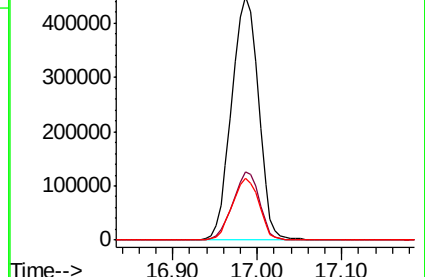
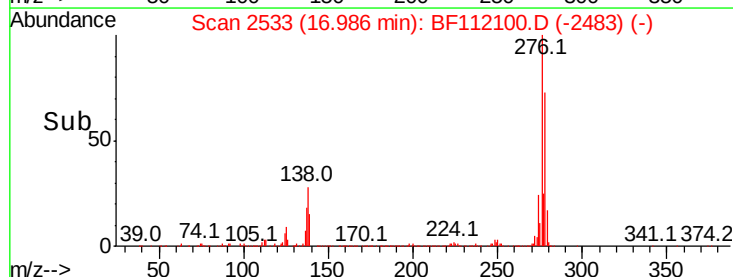
277 25.3 20.3 30.5

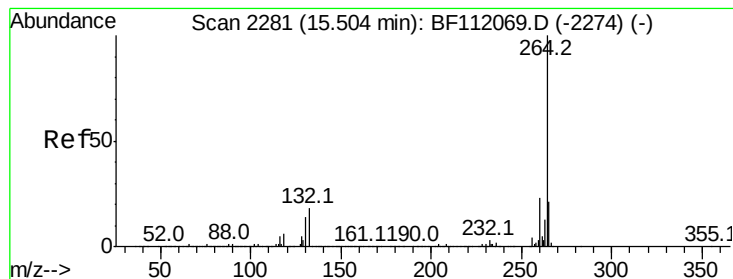


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

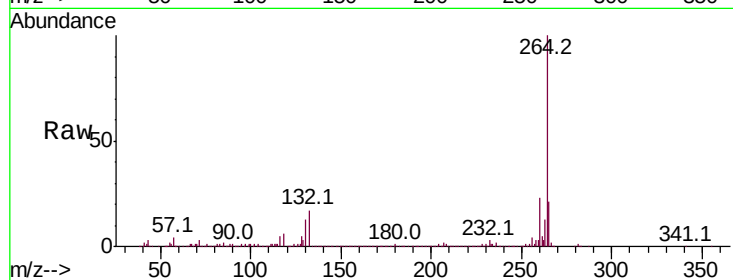
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 505799

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	20.9	17.0	25.4

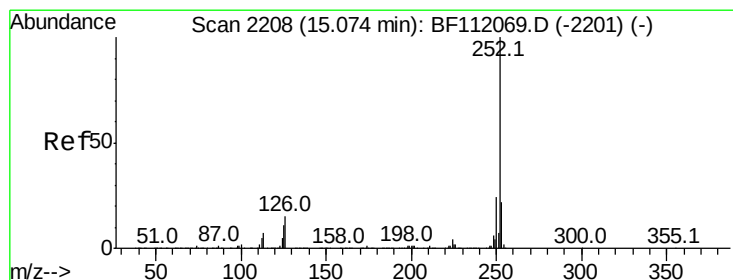
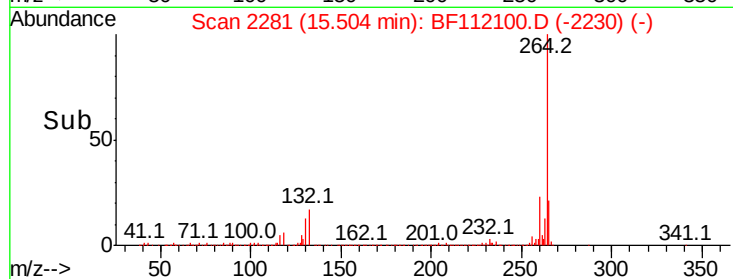
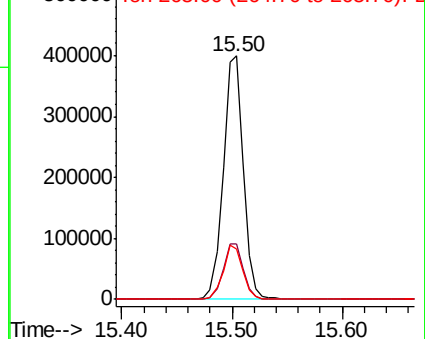


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.317 ng

RT: 15.07 min Scan# 2208

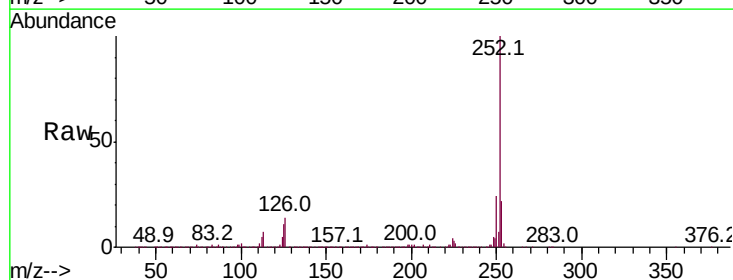
Delta R.T. 0.00 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Tgt Ion:252 Resp: 1186253

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.7	8.7	13.1

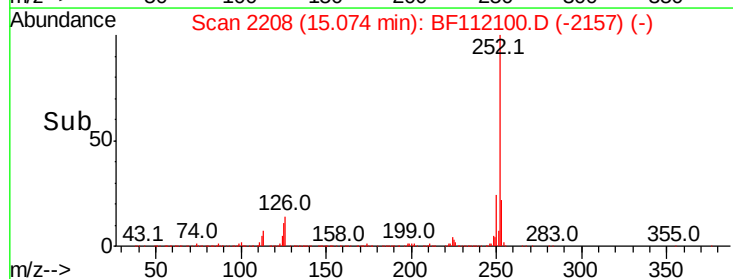
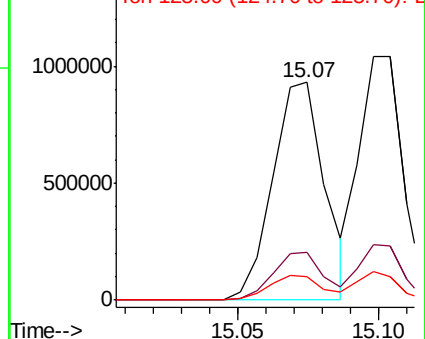


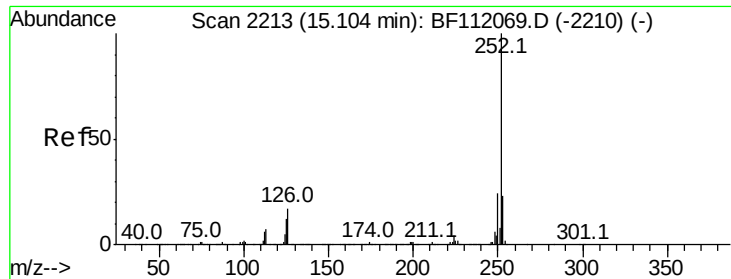
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

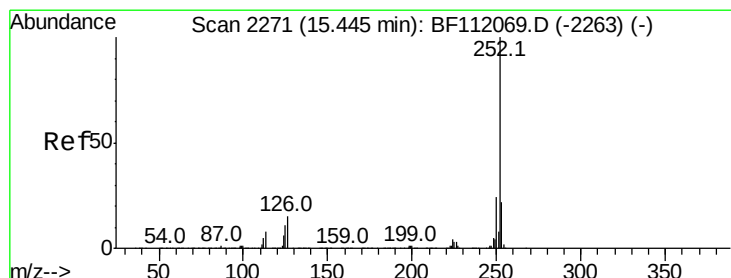
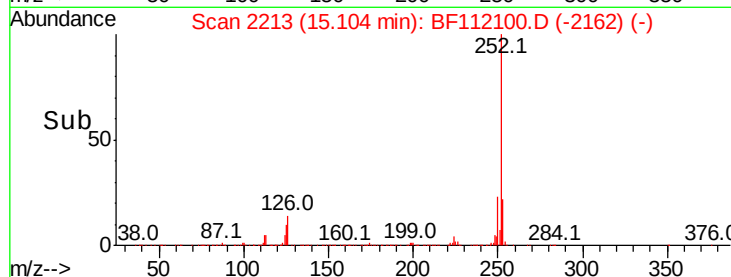
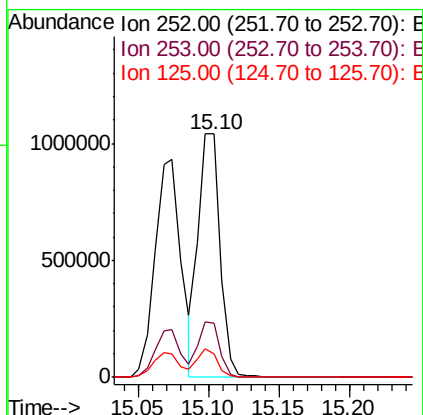
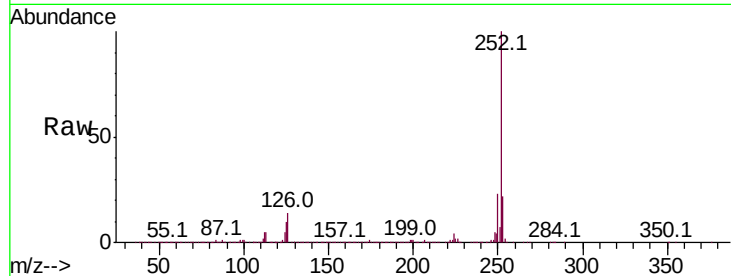




#89
Benzo(k)fluoranthene
Concen: 40.413 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

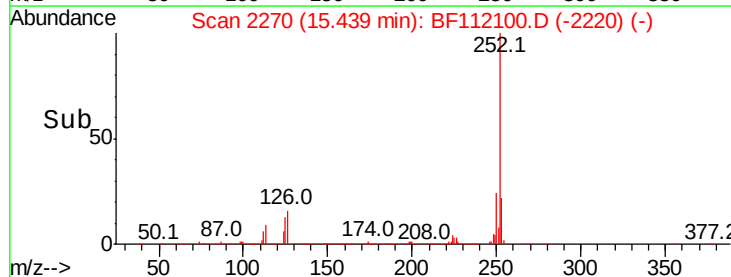
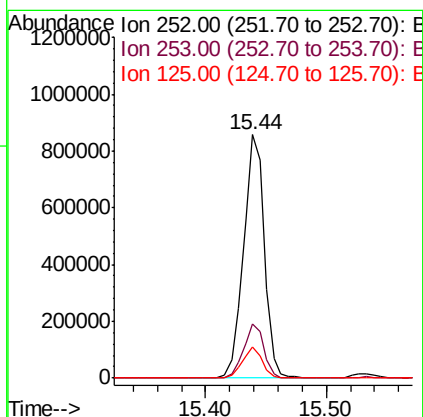
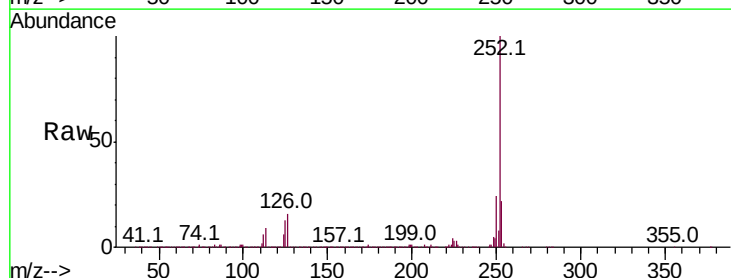
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

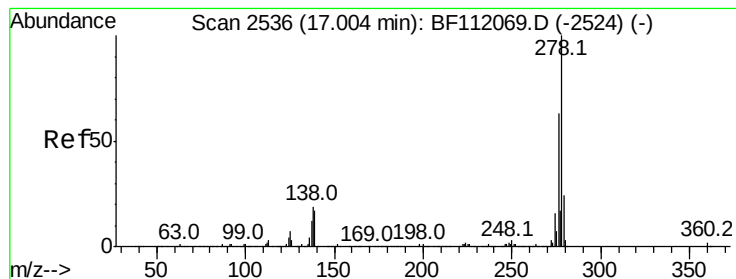
Tot Ion:252 Resp: 1123015
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 9.6 9.1 13.7



#90
Benzo(a)pyrene
Concen: 39.272 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF112100.D
Acq: 17 Jan 2019 21:03

Tgt Ion:252 Resp: 1034035
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 13.0 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 36.115 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

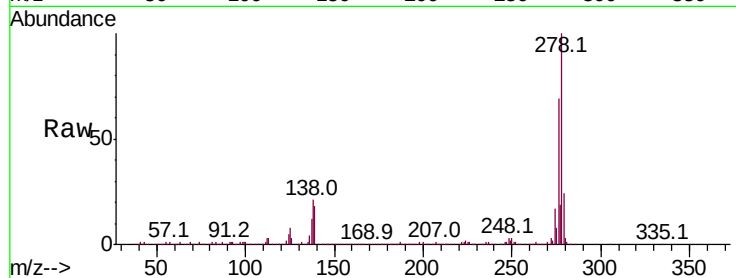
Tot Ion:278 Resp: 844568

Ion Ratio Lower Upper

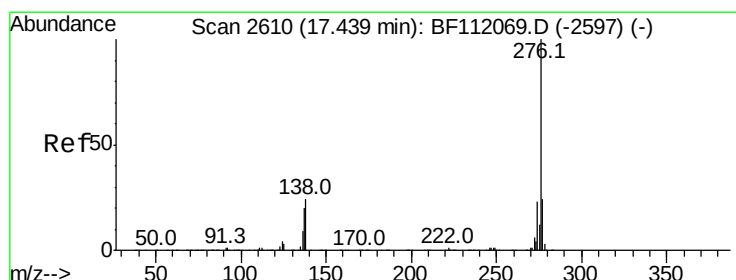
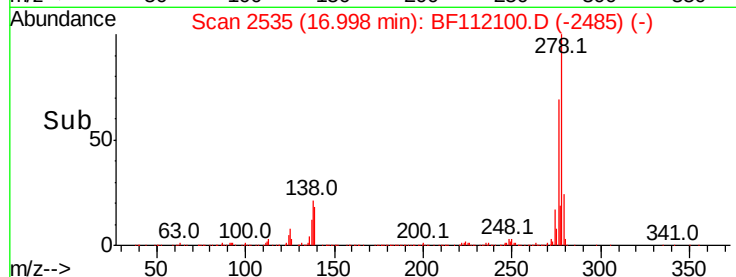
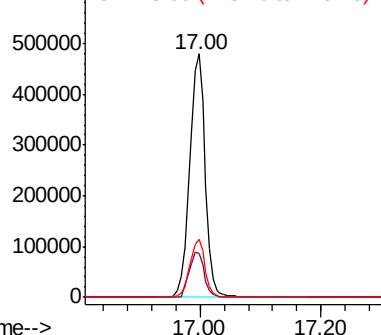
278 100

139 17.9 13.7 20.5

279 24.0 19.0 28.6



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



#92

Benzo(g,h,i)perylene

Concen: 34.144 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BF112100.D

Acq: 17 Jan 2019 21:03

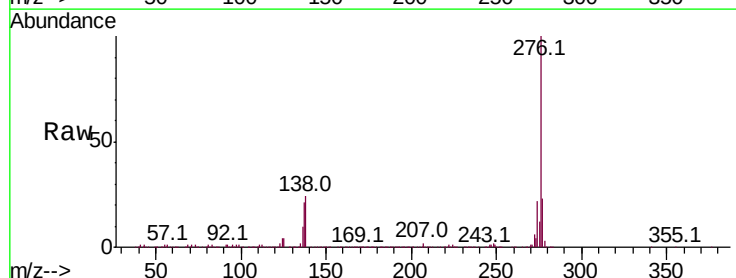
Tgt Ion:276 Resp: 786656

Ion Ratio Lower Upper

276 100

277 23.0 19.4 29.0

138 24.0 19.1 28.7



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

