

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112231.D
 Acq On : 25 Jan 2019 14:16
 Operator : JU/SJ
 Sample : SSTDIC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Quant Time: Jan 25 15:28:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 15:22:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	196886	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	670334	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	345977	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	656980	20.00	ng	0.00
76) Chrysene-d12	14.01	240	606196	20.00	ng	0.00
87) Perylene-d12	15.47	264	487284	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	806395	74.34	ng	0.00
7) Phenol-d6	6.49	99	1054306	77.68	ng	0.00
23) Nitrobenzene-d5	7.41	82	1003448	103.42	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	282327	75.64	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1772345	75.10	ng	0.00
79) Terphenyl-d14	12.95	244	2284450	80.17	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	140903	27.70	ng	94
3) Pyridine	3.37	79	357978	28.09	ng	97
4) n-Nitrosodimethylamine	3.32	42	158316	30.60	ng	94
6) Aniline	6.51	93	633073	38.35	ng	# 68
8) 2-Chlorophenol	6.64	128	500058	39.69	ng	99
9) Benzaldehyde	6.39	77	272609	35.49	ng	98
10) Phenol	6.51	94	580085	39.11	ng	93
11) bis(2-Chloroethyl)ether	6.58	93	449828	38.14	ng	99
12) 1,3-Dichlorobenzene	6.79	146	565319	39.32	ng	98
13) 1,4-Dichlorobenzene	6.86	146	571158	38.84	ng	97
14) 1,2-Dichlorobenzene	7.02	146	533396	39.37	ng	98
15) Benzyl Alcohol	6.99	79	421091	41.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	556712	32.73	ng	86
17) 2-Methylphenol	7.11	107	379650	40.13	ng	95
18) Hexachloroethane	7.36	117	204272	41.62	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	341525	41.31	ng	96
20) 3+4-Methylphenols	7.26	107	483556	42.15	ng	# 81
22) Acetophenone	7.26	105	698498	44.98	ng	# 99
24) Nitrobenzene	7.43	77	508465	49.45	ng	100
25) Isophorone	7.67	82	766941	40.92	ng	98
26) 2-Nitrophenol	7.75	139	261568	53.88	ng	94
27) 2,4-Dimethylphenol	7.79	122	346273	39.81	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	498105	38.75	ng	99
29) 2,4-Dichlorophenol	7.99	162	385650	40.58	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	433191	39.28	ng	99
31) Naphthalene	8.15	128	1213116	39.79	ng	99
32) Benzoic acid	7.93	122	186232	52.04	ng	98
33) 4-Chloroaniline	8.20	127	529972	38.68	ng	98
34) Hexachlorobutadiene	8.27	225	250787	40.86	ng	99
35) Caprolactam	8.58	113	130399	39.21	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	394338	42.49	ng	96
37) 2-Methylnaphthalene	8.84	142	830909	40.13	ng	98
38) 1-Methylnaphthalene	8.94	142	791382	39.77	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	425421	38.29	ng	99

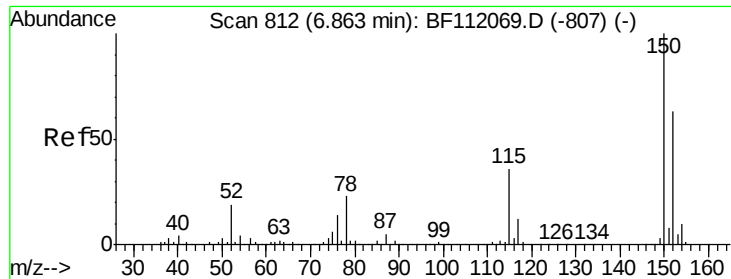
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	131228	36.04	nq	100
43) 2,4,6-Trichlorophenol	9.13	196	266574	40.11	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	282757	39.95	nq	97
46) 1,1'-Biphenyl	9.30	154	1119876	38.71	nq	99
47) 2-Chloronaphthalene	9.33	162	873631	38.58	nq	96
48) 2-Nitroaniline	9.43	65	244595	47.95	nq	90
49) Acenaphthylene	9.75	152	1289542	39.02	nq	99
50) Dimethylphthalate	9.60	163	985201	39.05	nq	100
51) 2,6-Dinitrotoluene	9.67	165	223181	44.29	nq	# 82
52) Acenaphthene	9.92	154	775815	38.37	nq	99
53) 3-Nitroaniline	9.84	138	244610	43.41	nq	90
54) 2,4-Dinitrophenol	9.95	184	73700	68.62	nq	91
55) Dibenzofuran	10.09	168	1182208	38.66	nq	96
56) 4-Nitrophenol	10.02	139	136236	38.90	nq	92
57) 2,4-Dinitrotoluene	10.08	165	291877	48.61	nq	94
58) Fluorene	10.43	166	821749	35.97	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	221532	41.47	nq	95
60) Diethylphthalate	10.30	149	997417	40.50	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	472440	38.32	nq	92
62) 4-Nitroaniline	10.46	138	237244	42.40	nq	93
63) Azobenzene	10.58	77	905856	38.41	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	144283	61.94	nq	92
66) n-Nitrosodiphenylamine	10.55	169	838476	38.61	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	295343	38.70	nq	94
68) Hexachlorobenzene	10.99	284	311885	37.94	nq	96
69) Atrazine	11.07	200	273239	38.99	nq	96
70) Pentachlorophenol	11.19	266	121065	35.61	nq	98
71) Phenanthrene	11.40	178	1307456	39.54	nq	99
72) Anthracene	11.45	178	1180168	35.24	nq	100
73) Carbazole	11.60	167	1282235	38.22	nq	99
74) Di-n-butylphthalate	11.92	149	1572047	41.65	nq	99
75) Fluoranthene	12.59	202	1501230	43.00	nq	98
77) Benzidine	12.70	184	684454	33.84	nq	100
78) Pyrene	12.82	202	1546565	38.67	nq	99
80) Butylbenzylphthalate	13.42	149	753184	42.93	nq	98
81) Benzo(a)anthracene	14.00	228	1350554	38.86	nq	98
82) 3,3'-Dichlorobenzidine	13.96	252	504739	38.78	nq	98
83) Chrysene	14.04	228	1247626	37.94	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	1075436	42.77	nq	97
85) Di-n-octyl phthalate	14.59	149	1658892	42.82	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	869207	28.65	nq	97
88) Benzo(b)fluoranthene	15.05	252	1142084	41.29	nq	98
89) Benzo(k)fluoranthene	15.08	252	1058265	39.53	nq	98
90) Benzo(a)pyrene	15.42	252	1000234	39.43	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	727706	32.30	nq	99
92) Benzo(g,h,i)perylene	17.40	276	629866	28.38	nq	96

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

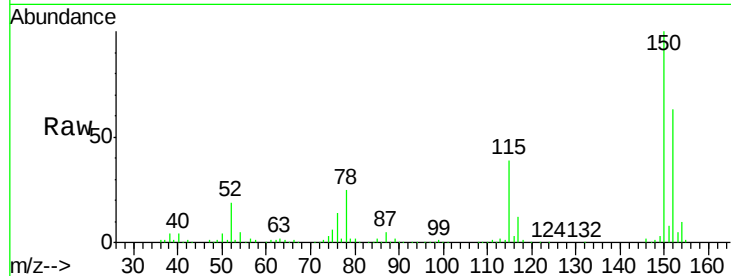


#1

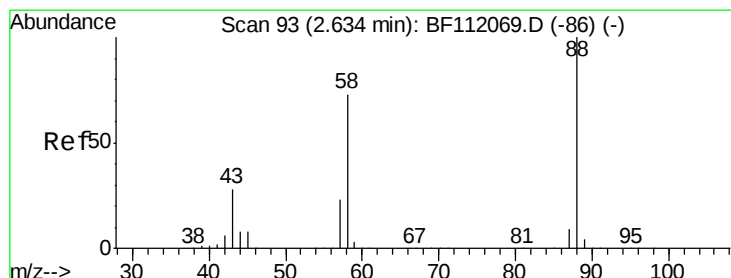
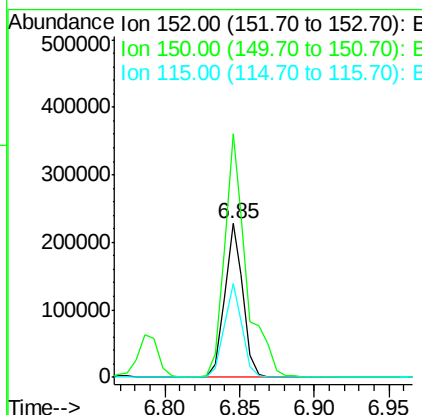
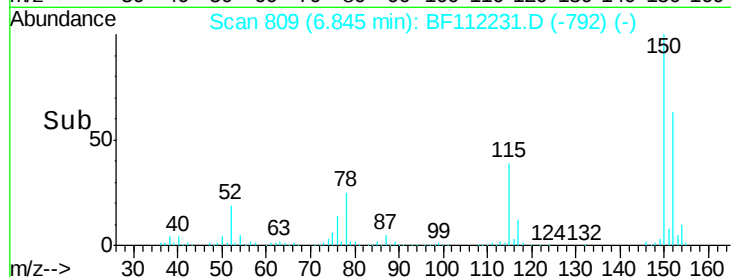
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:152 Resp: 196886
Ion Ratio Lower Upper
152 100
150 158.7 127.4 191.0
115 61.1 45.5 68.3



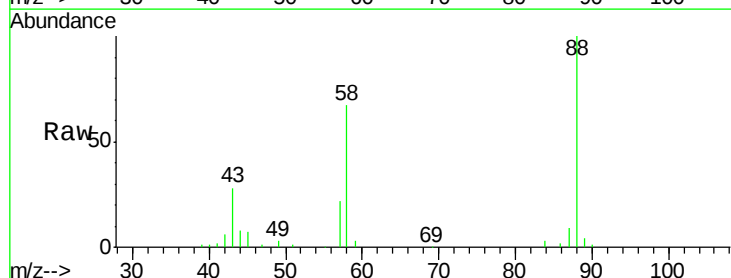
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



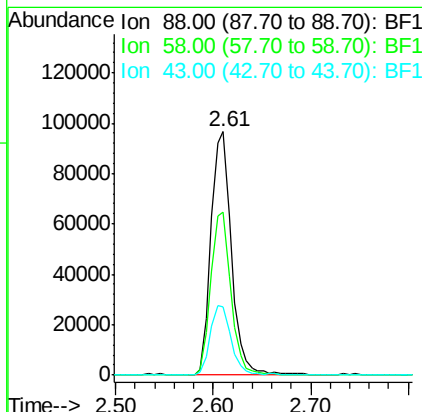
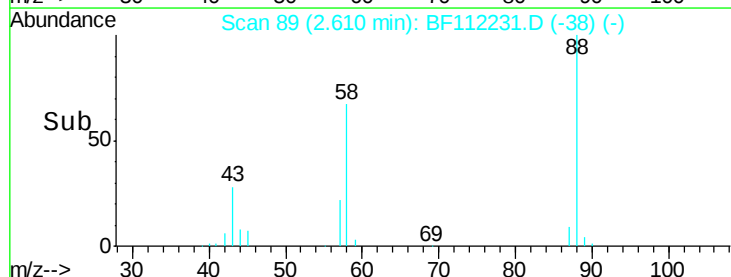
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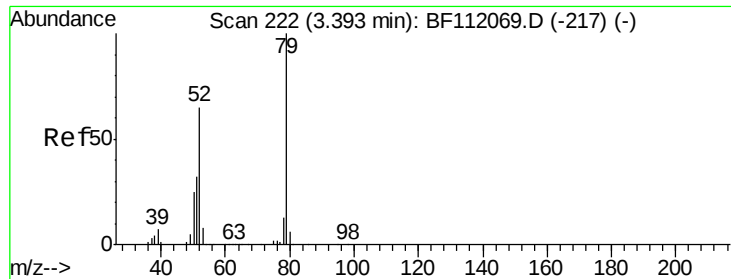
1,4-Dioxane
Concen: 27.70 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Tgt Ion: 88 Resp: 140903
Ion Ratio Lower Upper
88 100
58 65.4 57.4 86.2
43 29.3 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: 28.09 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

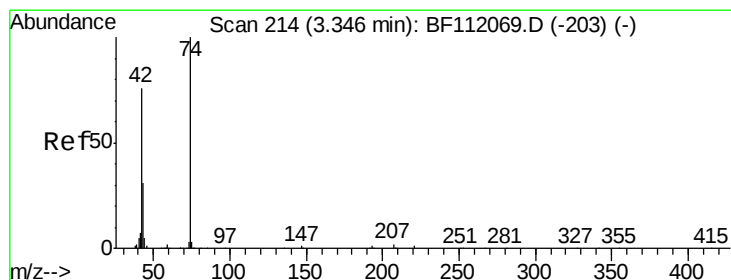
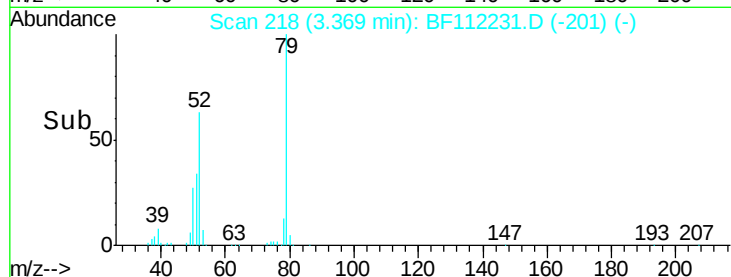
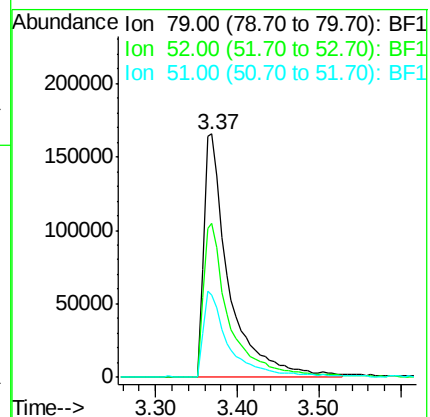
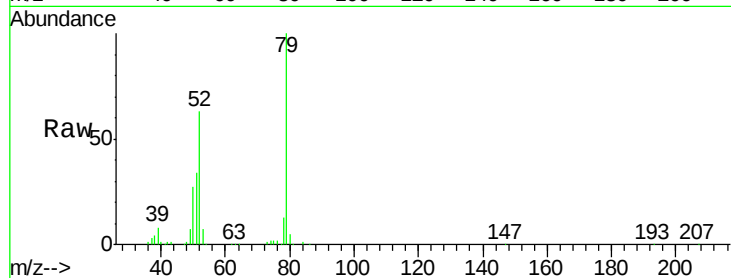
Tot Ion: 79 Resp: 357978

Ion Ratio Lower Upper

79 100

52 63.4 52.4 78.6

51 33.9 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 30.60 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

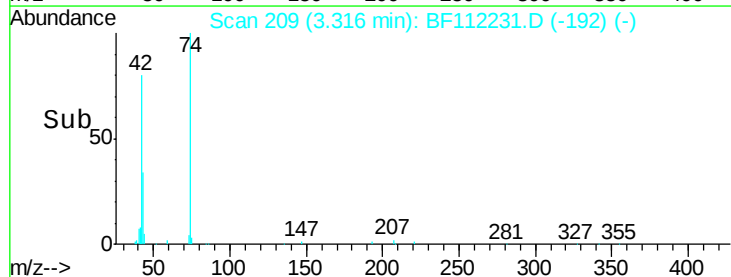
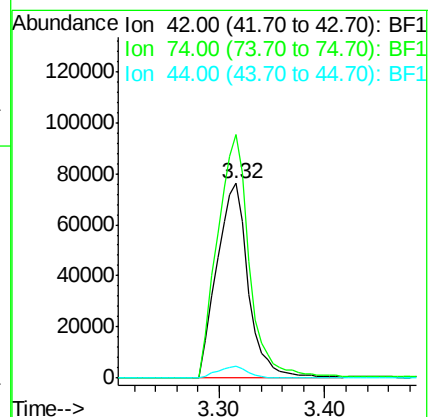
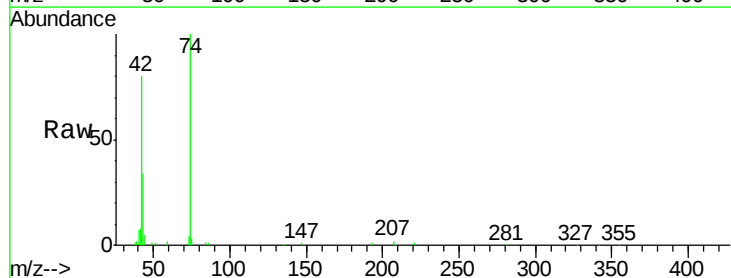
Tgt Ion: 42 Resp: 158316

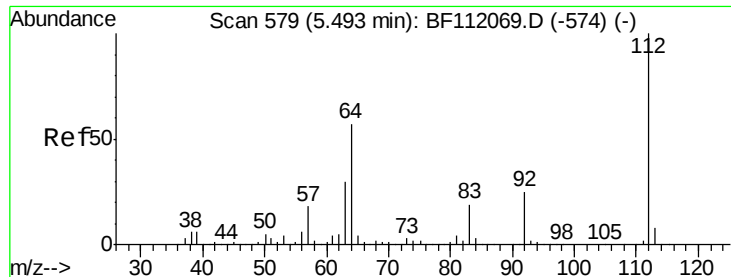
Ion Ratio Lower Upper

42 100

74 125.0 105.6 158.4

44 5.8 5.4 8.2





#5

2-Fluorophenol

Concen: 74.34 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

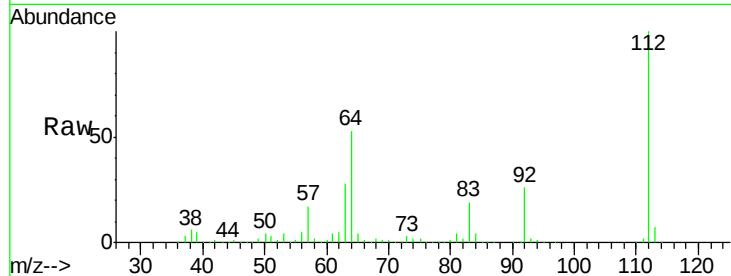
Tot Ion:112 Resp: 806395

Ion Ratio Lower Upper

112 100

64 53.3 45.7 68.5

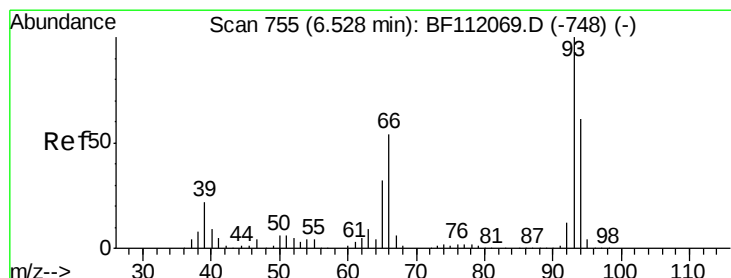
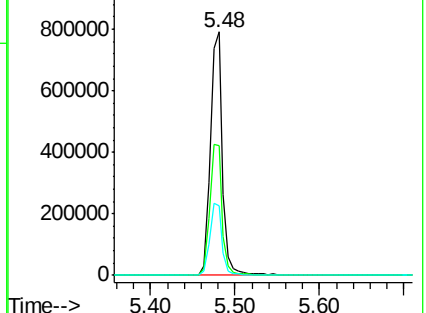
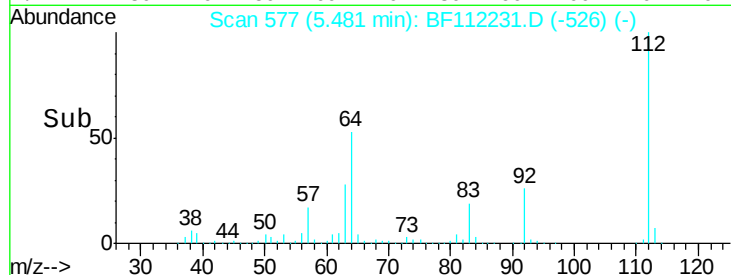
63 28.3 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.35 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

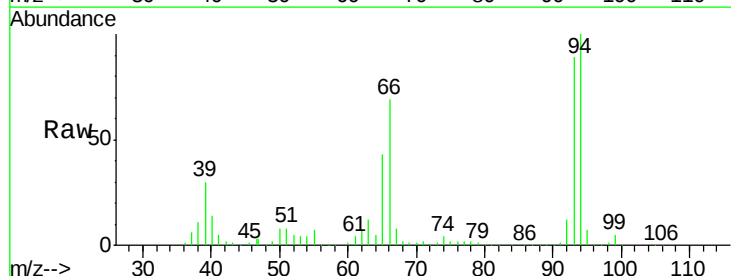
Tgt Ion: 93 Resp: 633073

Ion Ratio Lower Upper

93 100

66 77.8 43.4 65.2#

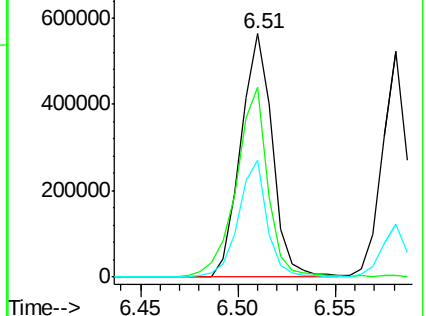
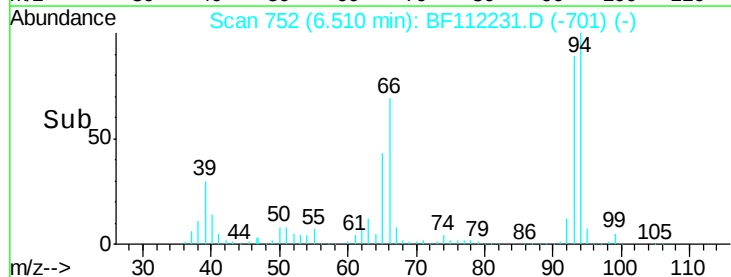
65 48.0 25.3 37.9#

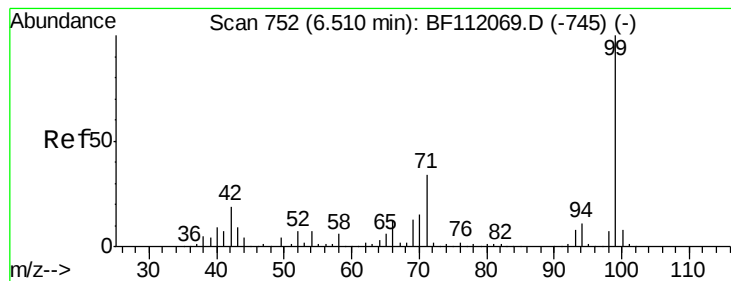


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.68 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

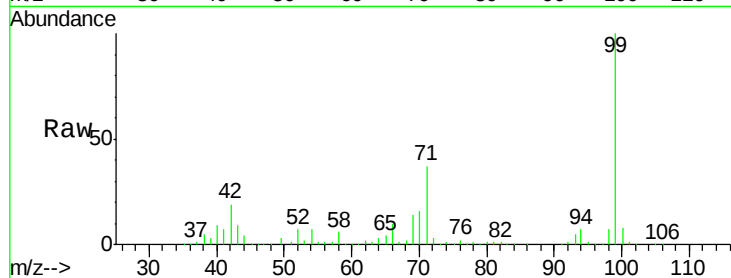
Tot Ion: 99 Resp: 1054306

Ion Ratio Lower Upper

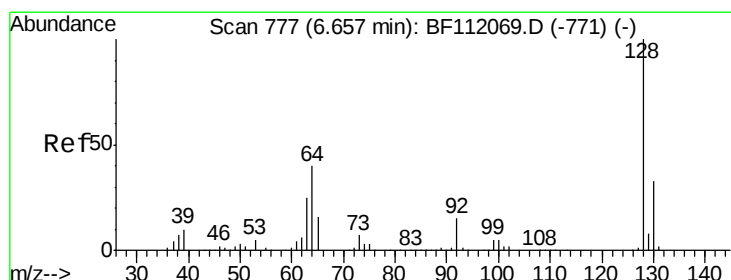
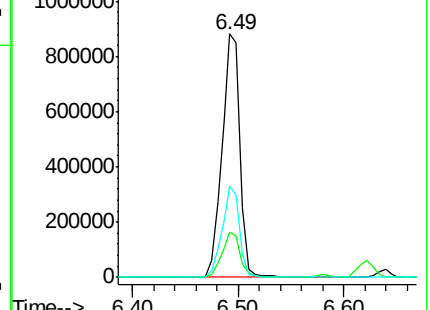
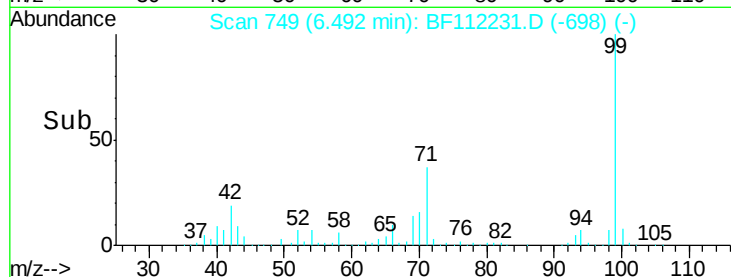
99 100

42 18.7 15.1 22.7

71 37.3 26.9 40.3



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



#8

2-Chlorophenol

Concen: 39.69 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

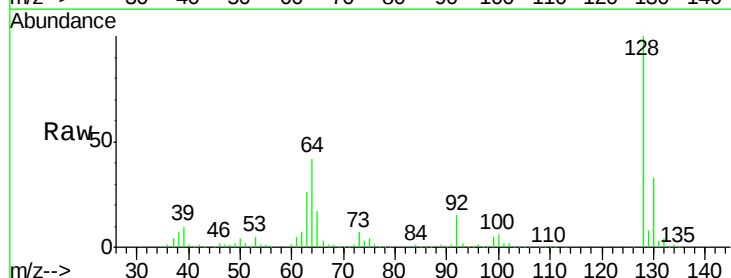
Tgt Ion:128 Resp: 500058

Ion Ratio Lower Upper

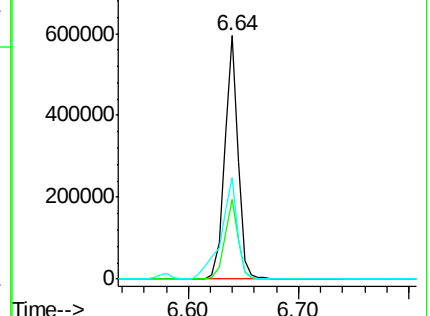
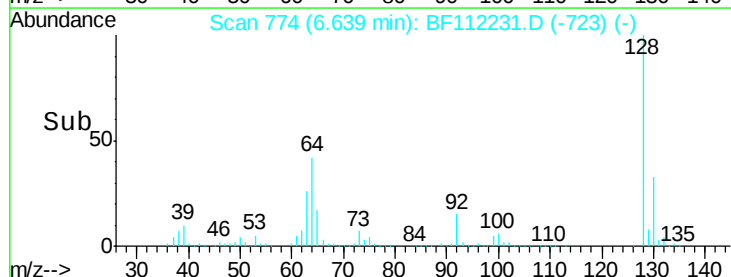
128 100

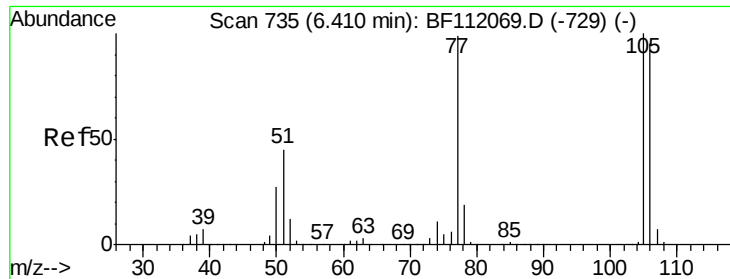
130 32.9 13.4 53.4

64 41.7 20.5 60.5



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





#9

Benzaldehyde

Concen: 35.49 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

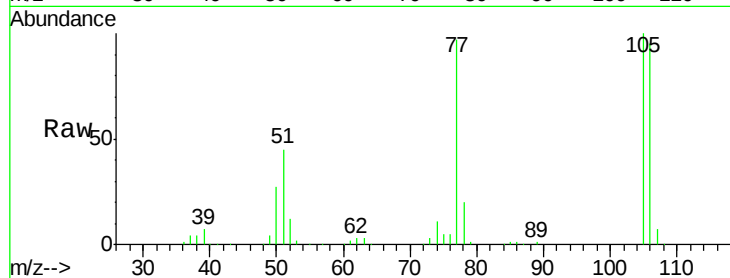
Tot Ion: 77 Resp: 272609

Ion Ratio Lower Upper

77 100

105 102.7 80.8 120.8

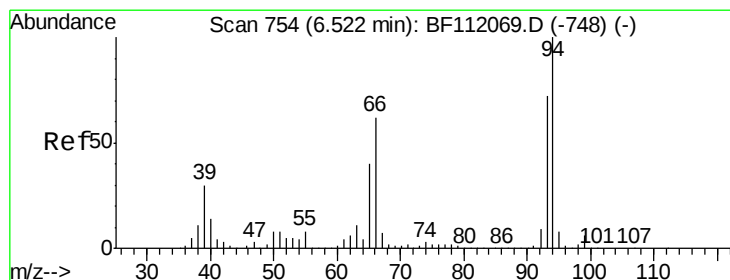
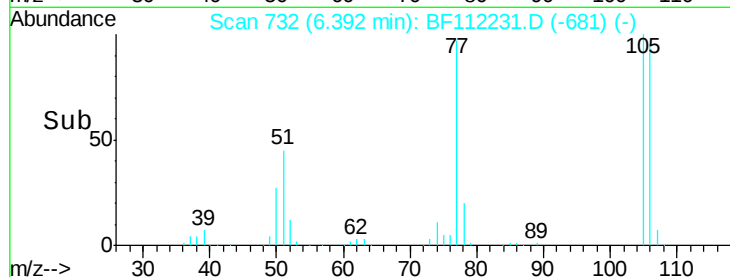
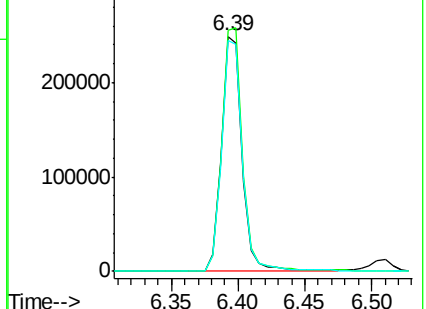
106 98.1 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.11 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

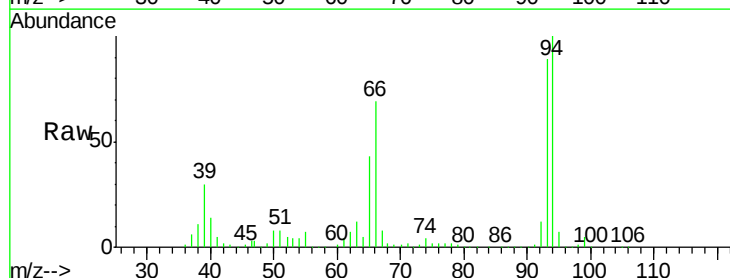
Tgt Ion: 94 Resp: 580085

Ion Ratio Lower Upper

94 100

65 42.7 20.3 60.3

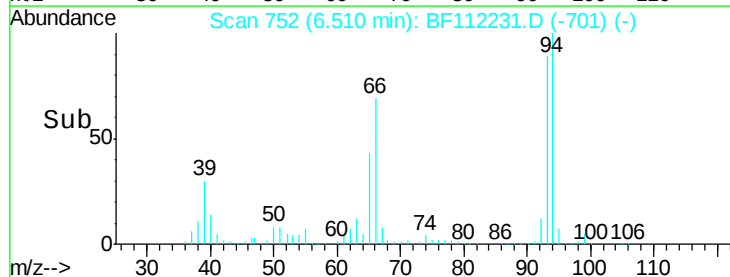
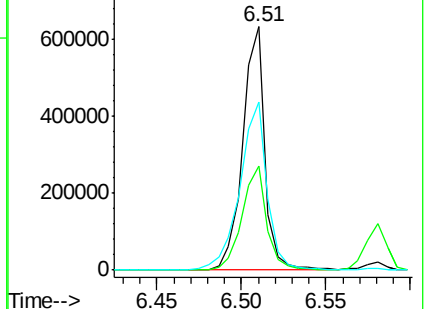
66 69.2 42.4 82.4

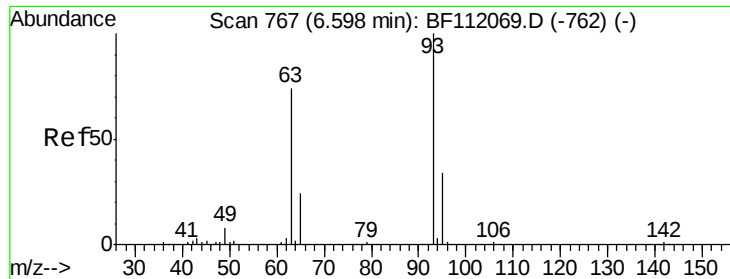


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

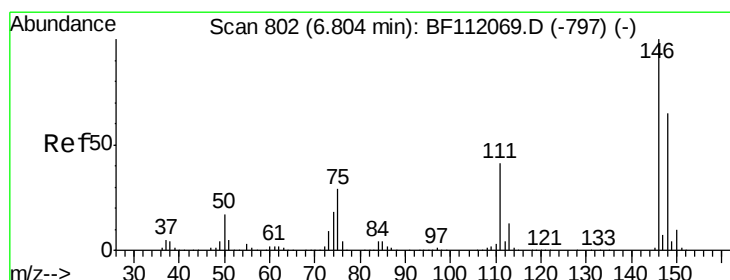
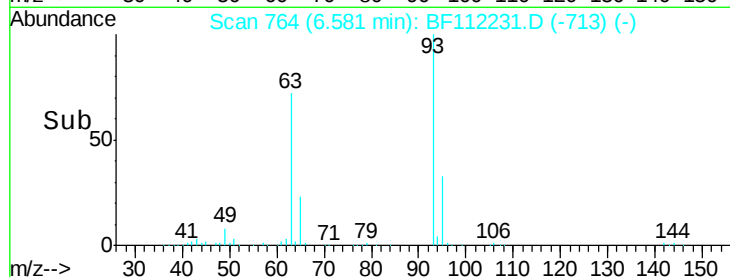
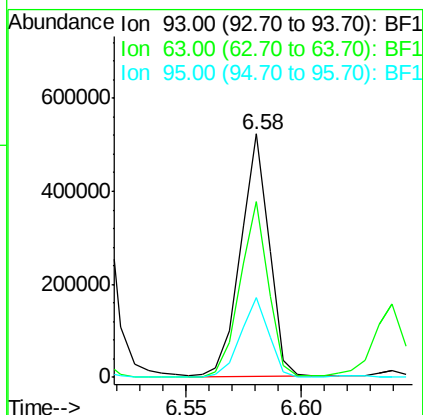
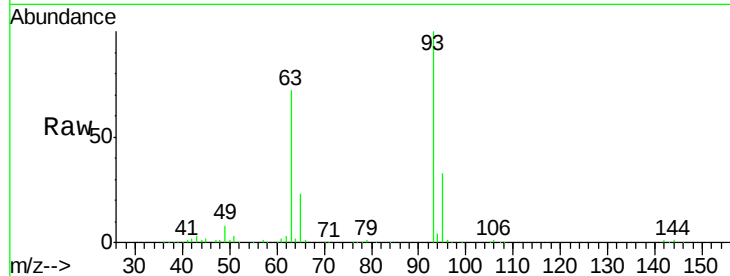




#11
bis(2-Chloroethyl)ether
Concen: 38.14 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

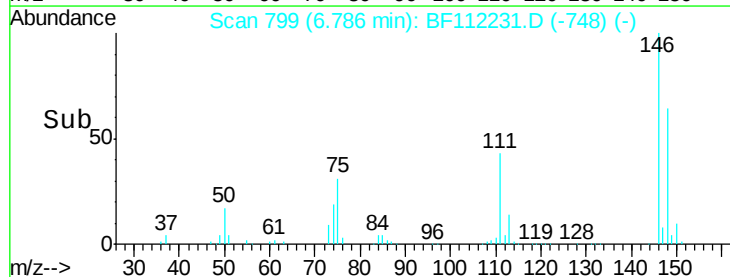
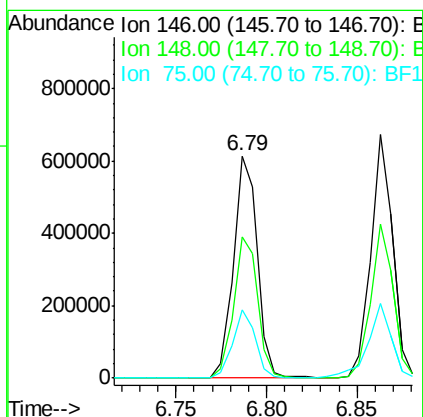
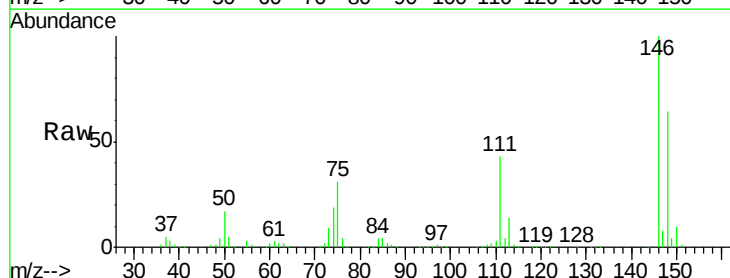
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

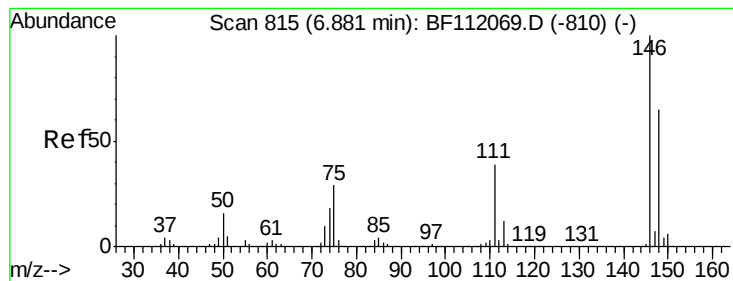
Tot Ion: 93 Resp: 449828
Ion Ratio Lower Upper
93 100
63 71.9 53.3 93.3
95 33.0 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 39.32 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Tgt Ion: 146 Resp: 565319
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 30.8 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 38.84 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

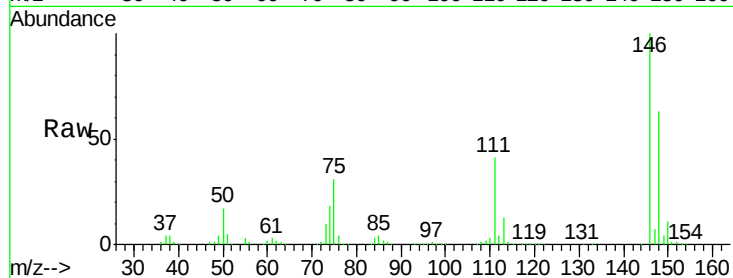
Tot Ion:146 Resp: 571158

Ion Ratio Lower Upper

146 100

148 63.4 52.0 78.0

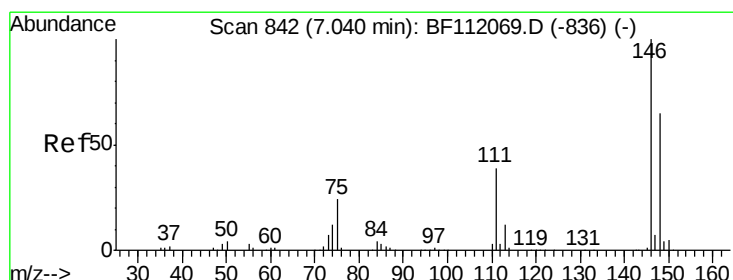
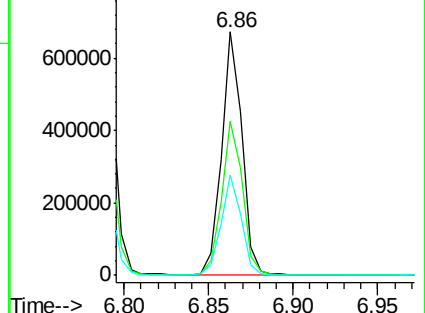
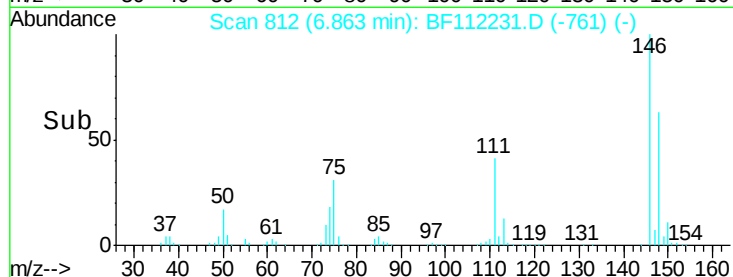
111 41.3 31.2 46.8



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: 39.37 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

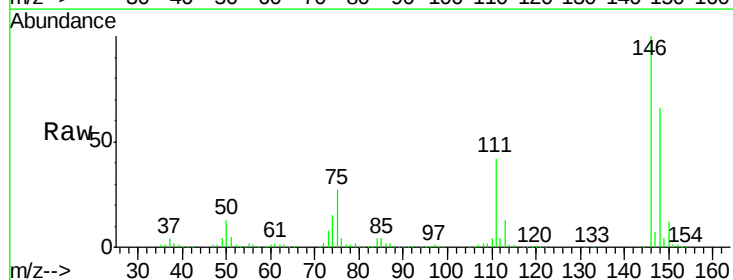
Tgt Ion:146 Resp: 533396

Ion Ratio Lower Upper

146 100

148 66.1 52.2 78.4

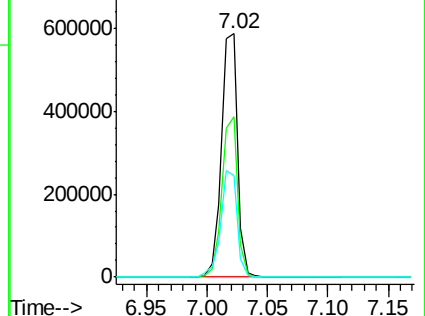
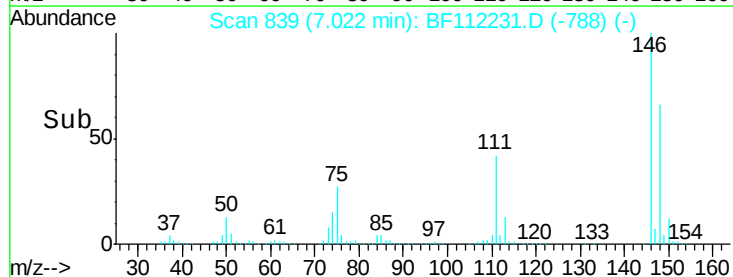
111 41.7 31.2 46.8

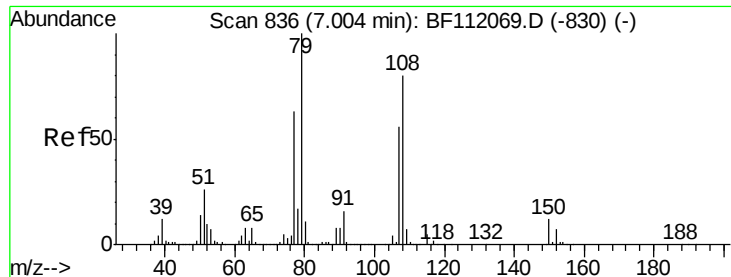


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.64 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

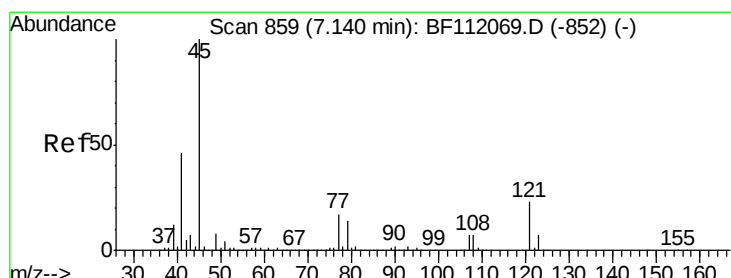
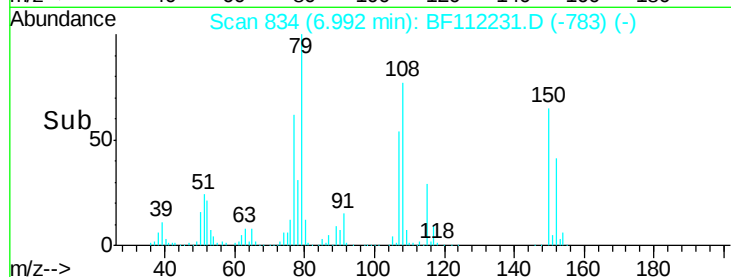
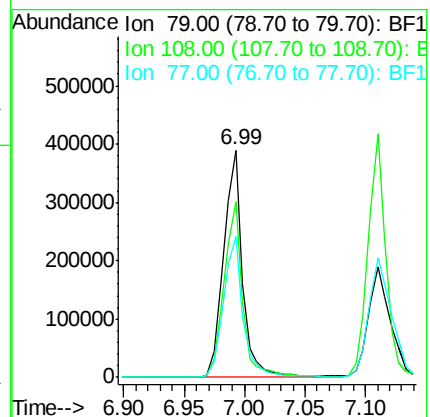
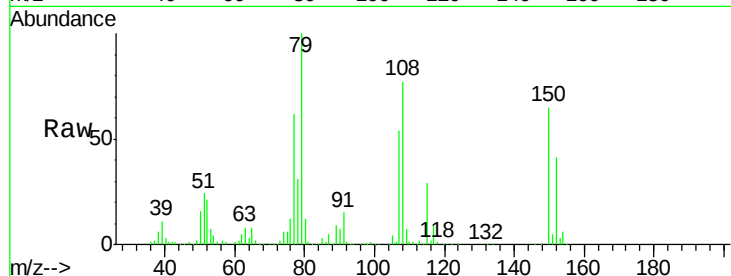
Tot Ion: 79 Resp: 421091

Ion Ratio Lower Upper

79 100

108 77.5 64.2 96.2

77 62.1 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.73 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

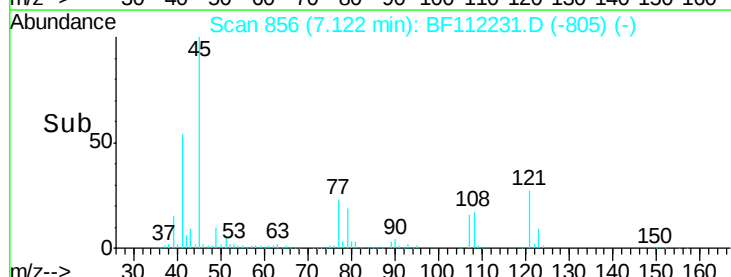
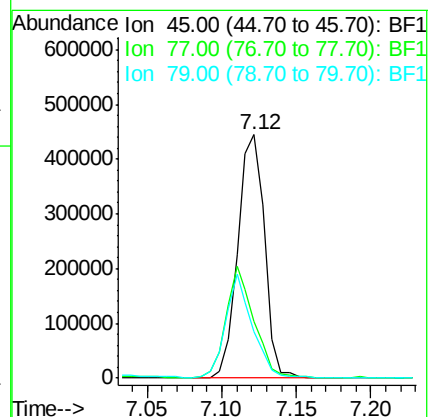
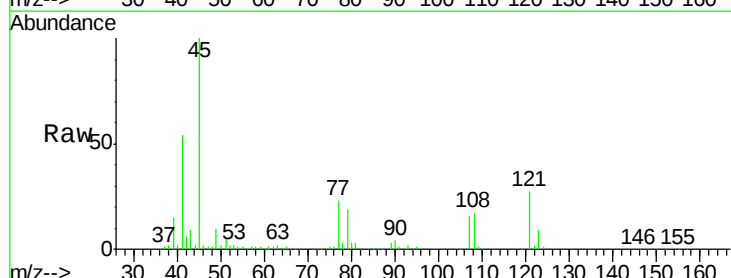
Tgt Ion: 45 Resp: 556712

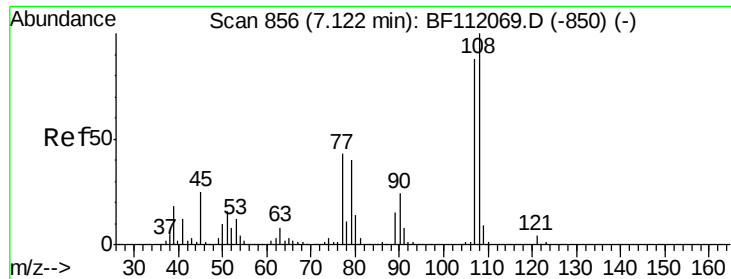
Ion Ratio Lower Upper

45 100

77 23.3 0.0 36.9

79 19.1 0.0 34.0

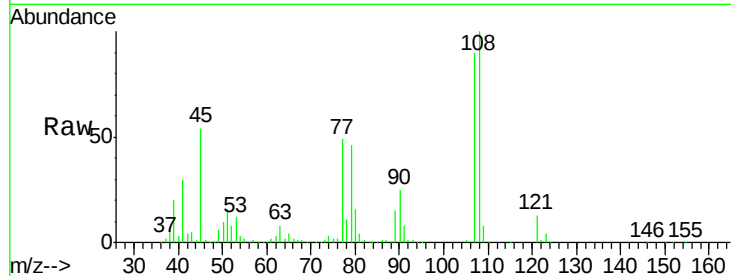




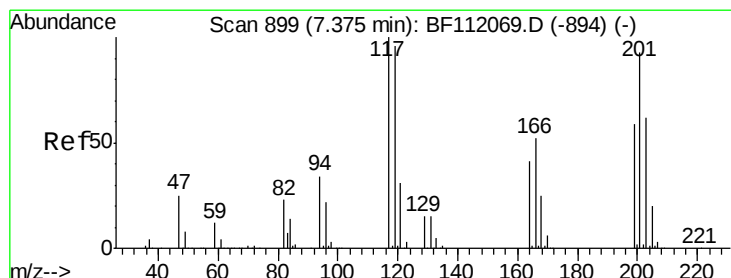
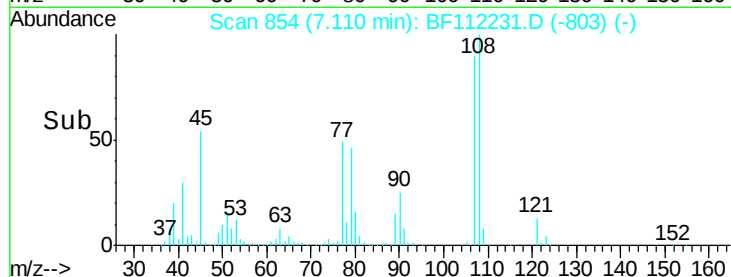
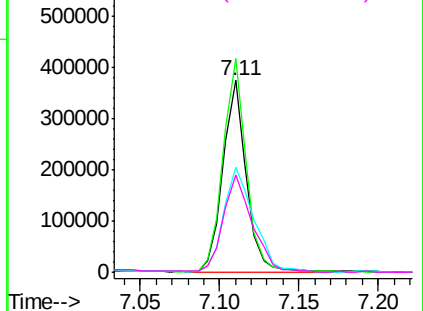
#17
2-Methylphenol
Concen: 40.13 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:107 Resp: 379650
Ion Ratio Lower Upper
107 100
108 111.5 91.3 136.9
77 54.5 39.0 58.6
79 50.8 37.0 55.4

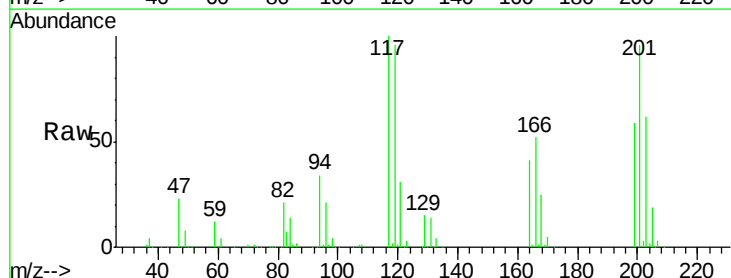


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

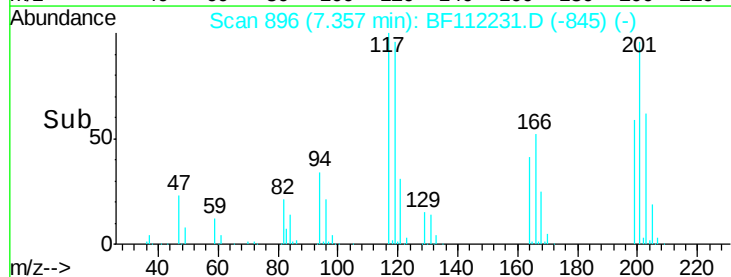
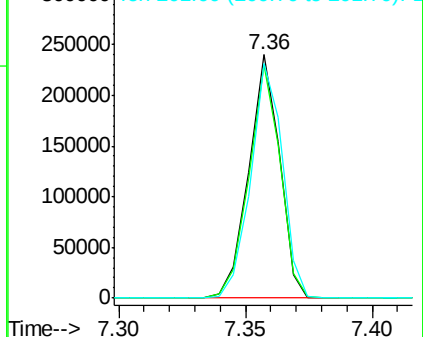


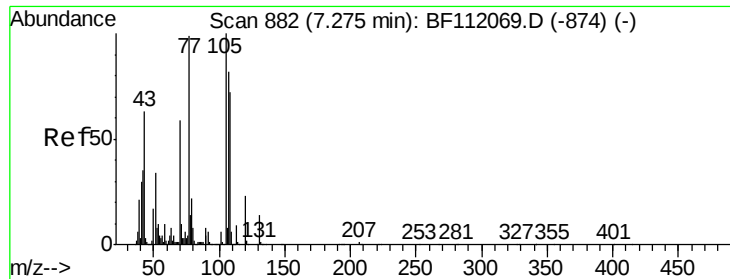
#18
Hexachloroethane
Concen: 41.62 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Tgt Ion:117 Resp: 204272
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.4
201 96.4 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

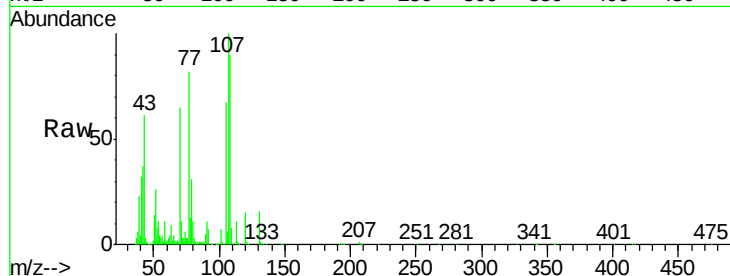




#19
n-Nitroso-di-n-propylamine
Concen: 41.31 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.2	47.6	71.4
101	10.3	7.9	11.9
130	24.7	18.4	27.6



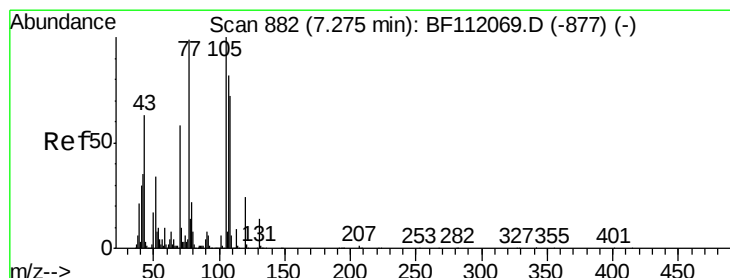
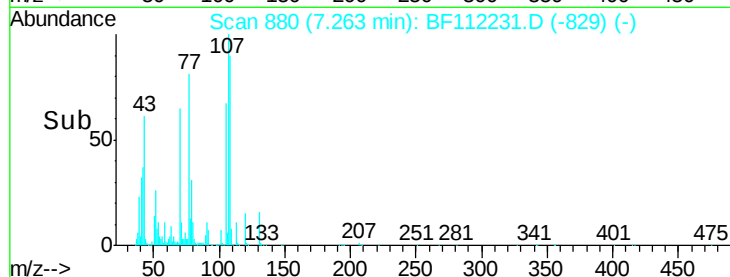
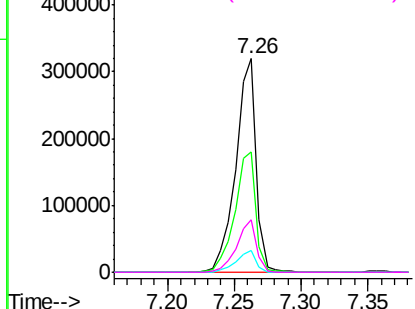
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 42.15 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.2	108.2
77	81.5	100.7	140.7#
79	30.6	7.3	47.3

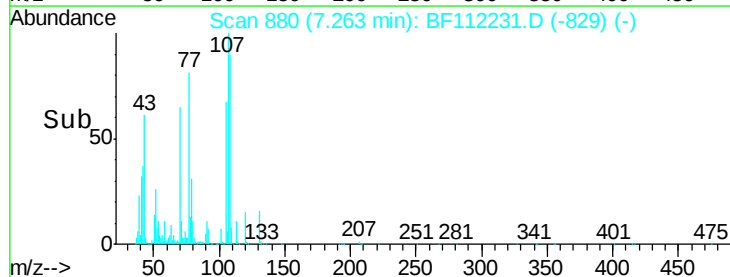
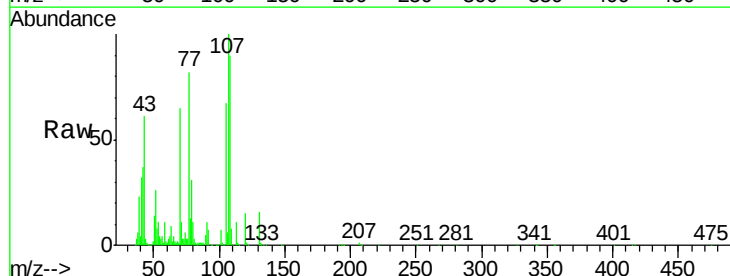
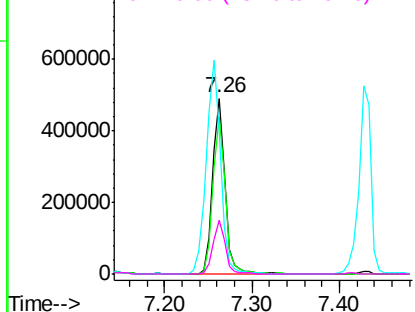
Abundance

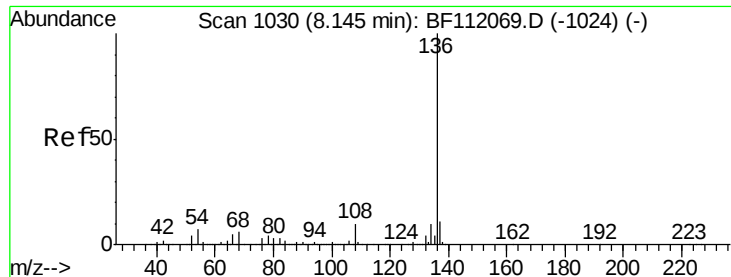
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:136 Resp: 670334

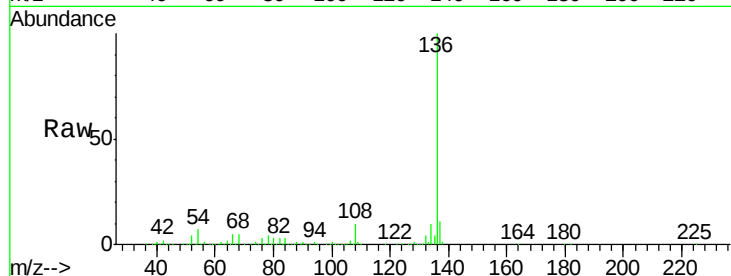
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.6 5.9 8.9

68 5.0 5.1 7.7#

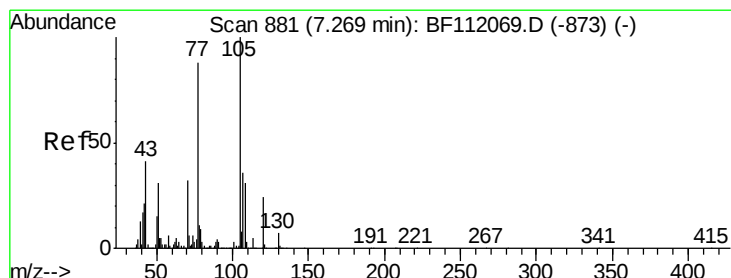
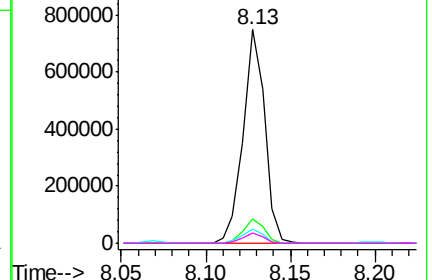
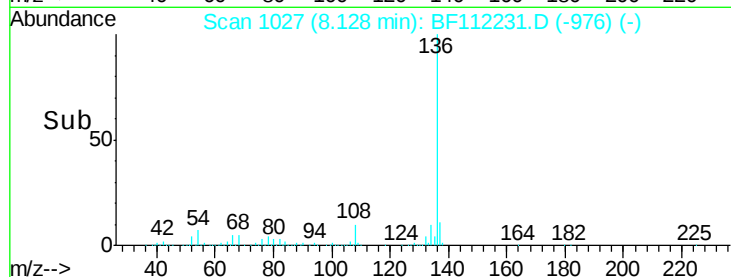


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.98 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Tgt Ion:105 Resp: 698498

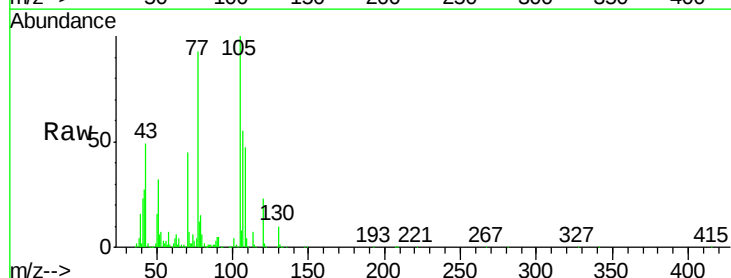
Ion Ratio Lower Upper

105 100

71 7.4 4.6 6.8#

51 31.7 25.0 37.6

120 23.4 19.0 28.4

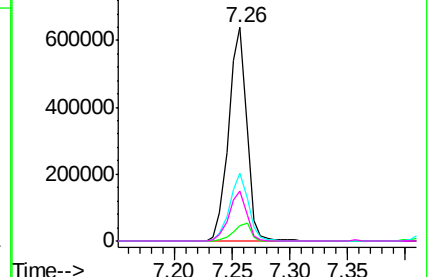
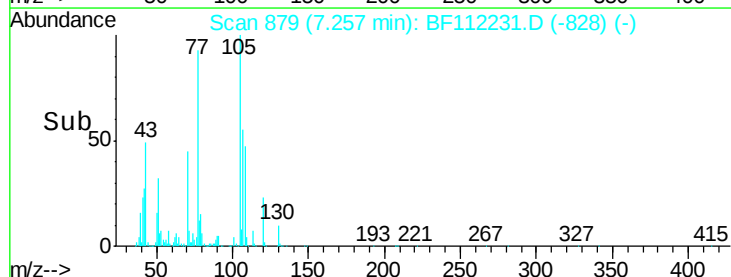


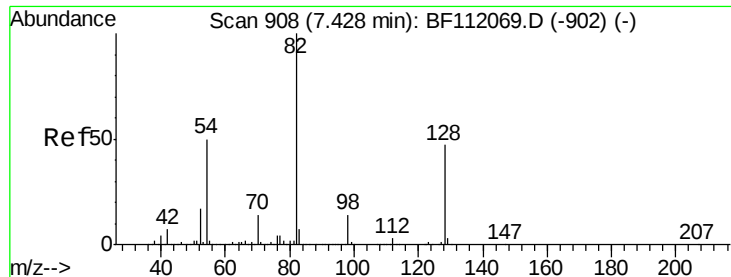
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

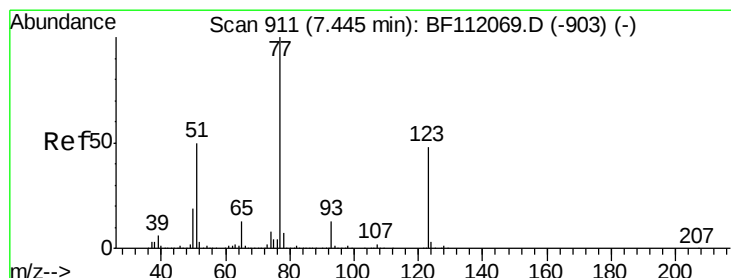
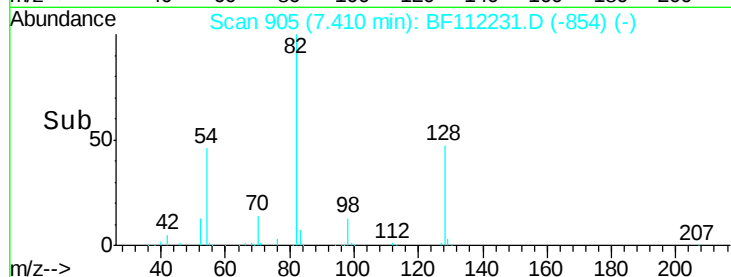
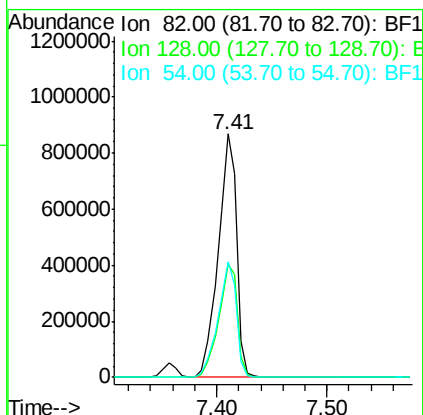
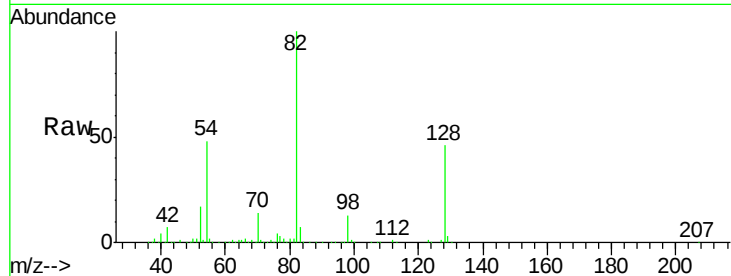




#23
 Nitrobenzene-d5
 Concen: 103.42 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

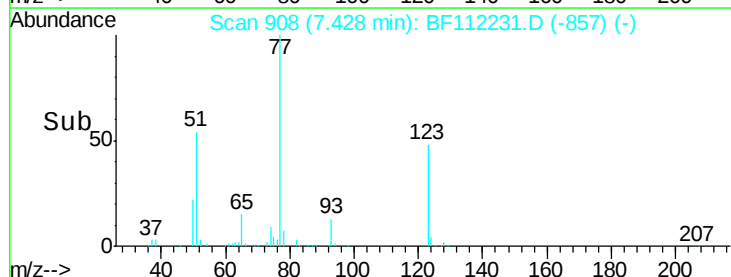
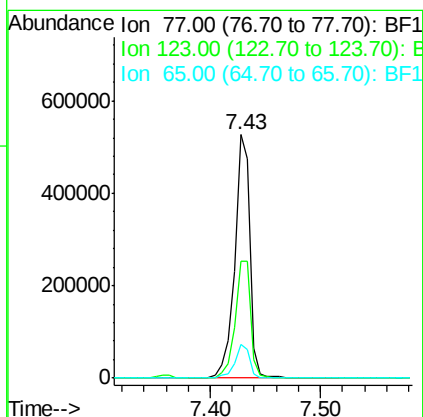
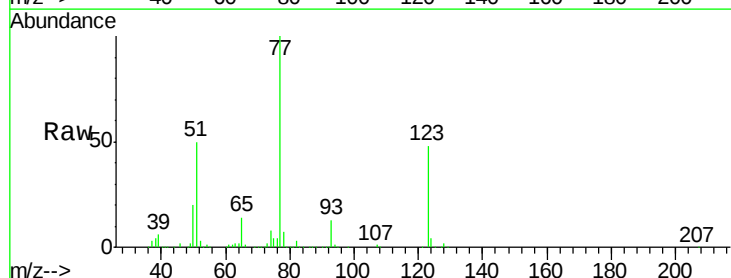
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

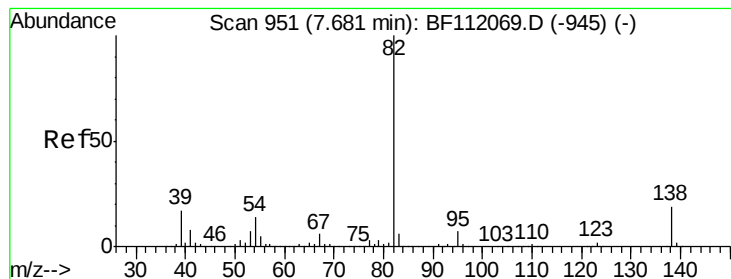
Tot Ion: 82 Resp: 1003448
 Ion Ratio Lower Upper
 82 100
 128 46.5 37.8 56.8
 54 47.6 39.7 59.5



#24
 Nitrobenzene
 Concen: 49.45 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

Tgt Ion: 77 Resp: 508465
 Ion Ratio Lower Upper
 77 100
 123 48.1 38.4 57.6
 65 13.6 10.6 15.8





#25

Isophorone

Concen: 40.92 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

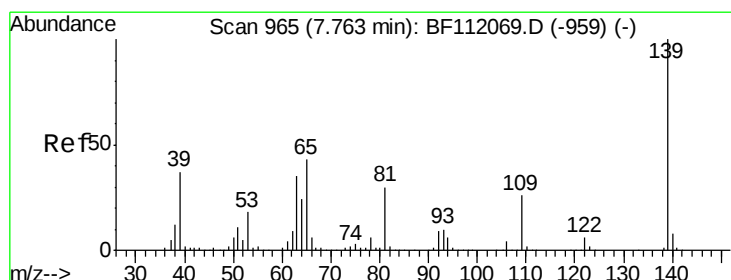
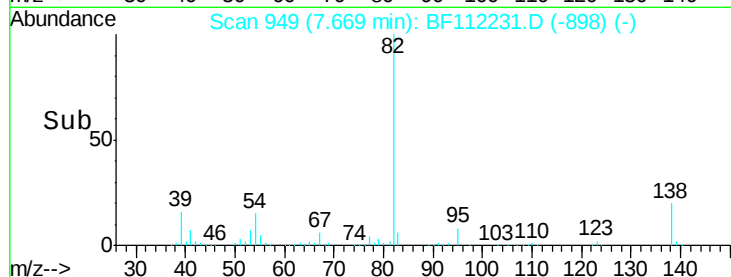
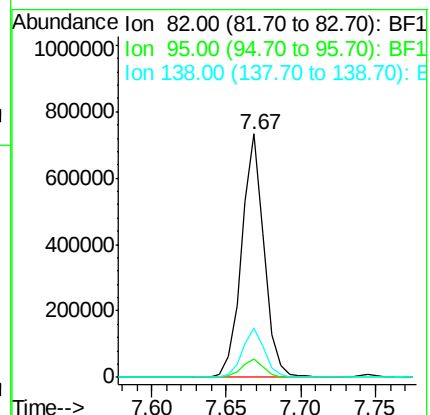
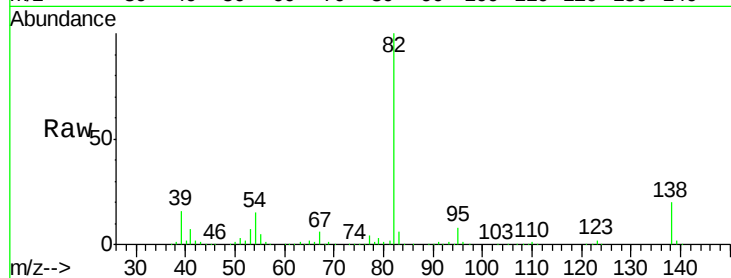
Tot Ion: 82 Resp: 766941

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

138 19.9 15.4 23.0



#26

2-Nitrophenol

Concen: 53.88 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

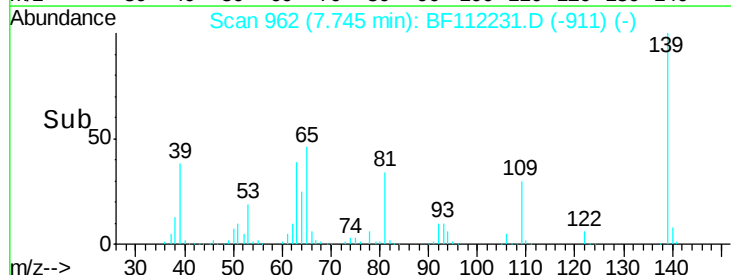
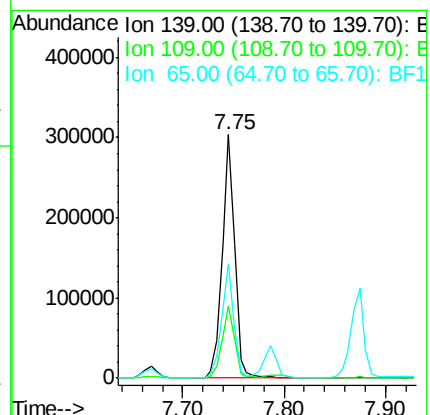
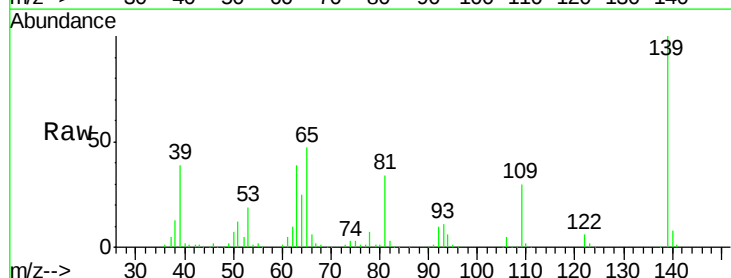
Tgt Ion: 139 Resp: 261568

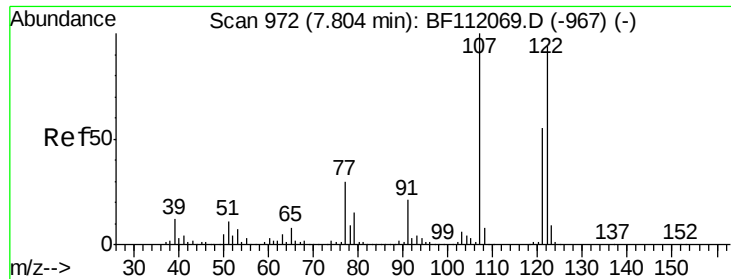
Ion Ratio Lower Upper

139 100

109 29.6 20.8 31.2

65 46.7 34.4 51.6

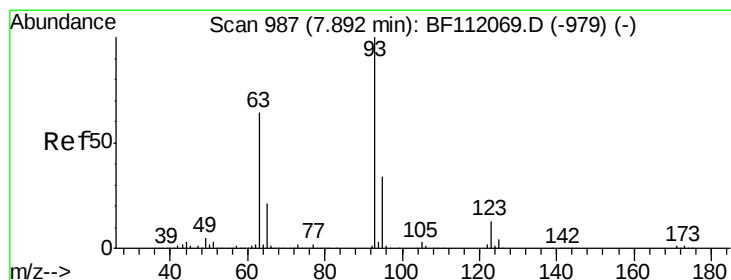
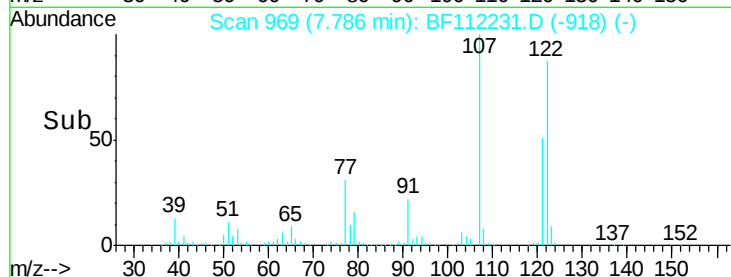
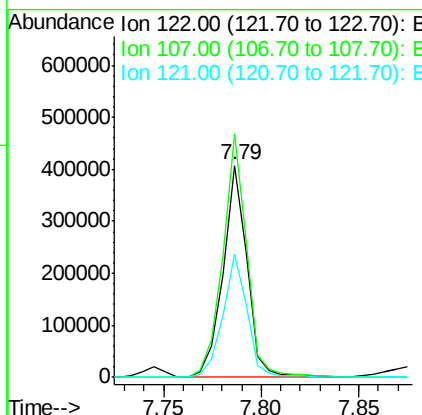
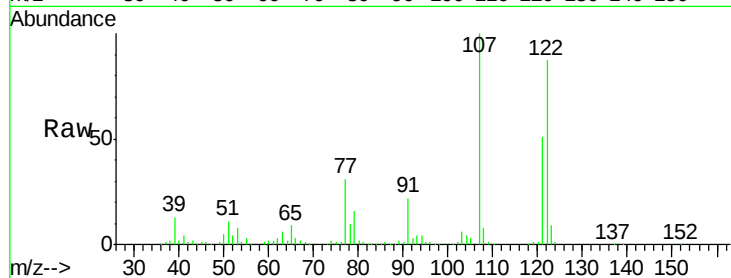




#27
 2,4-Dimethylphenol
 Concen: 39.81 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

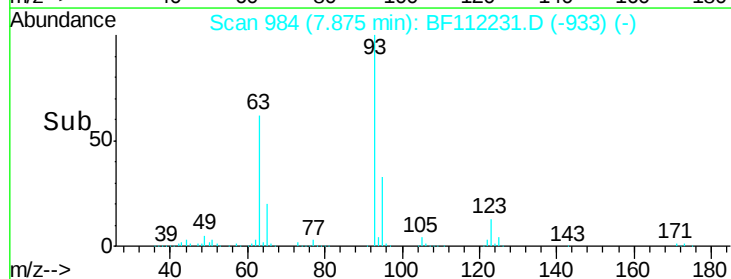
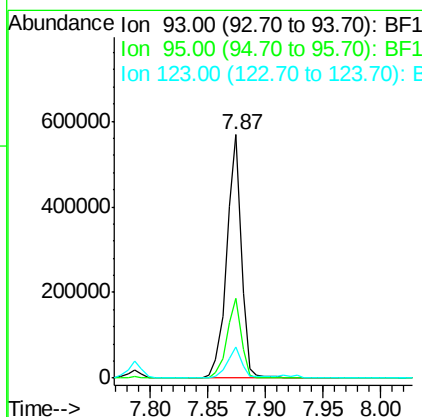
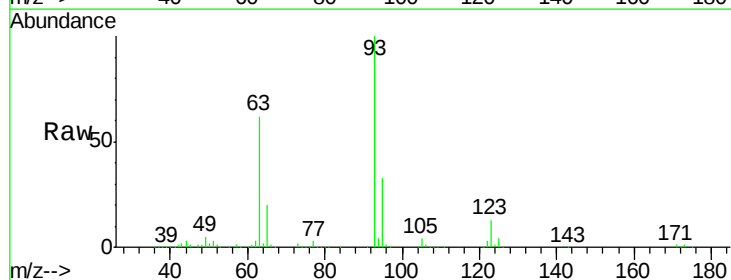
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

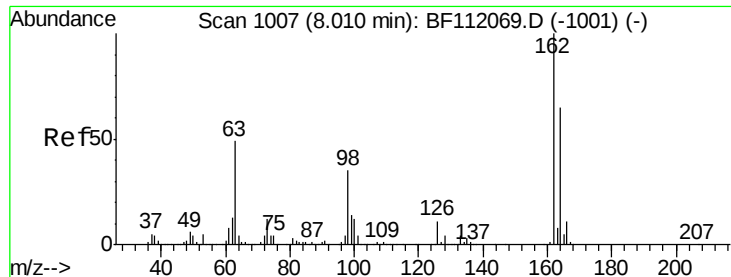
Tot Ion:122 Resp: 346273
 Ion Ratio Lower Upper
 122 100
 107 114.8 85.4 128.0
 121 58.0 47.0 70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.75 ng
 RT: 7.87 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

Tgt Ion: 93 Resp: 498105
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.8 40.2
 123 12.8 10.2 15.2

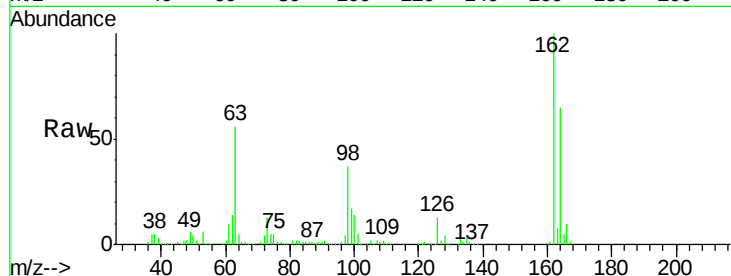




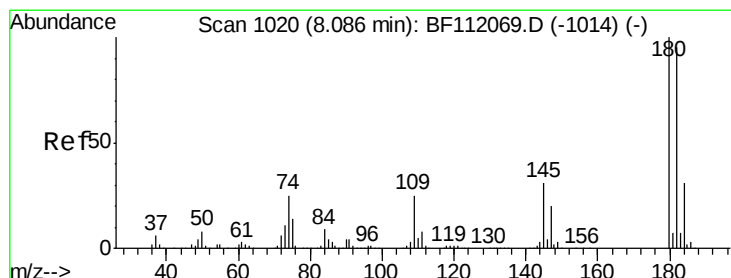
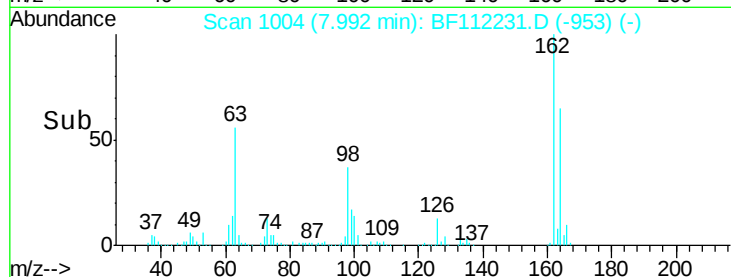
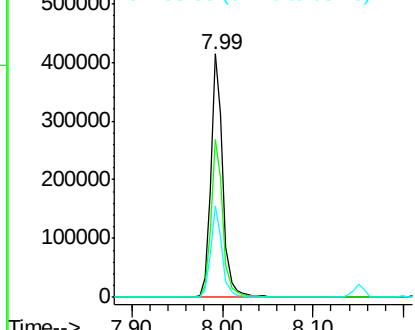
#29
2,4-Dichlorophenol
Concen: 40.58 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:162 Resp: 385650
Ion Ratio Lower Upper
162 100
164 64.6 44.6 84.6
98 37.5 14.6 54.6

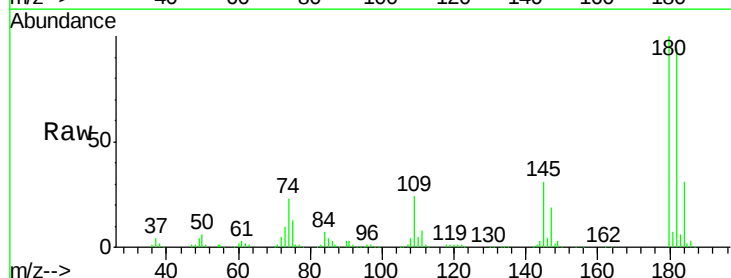


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

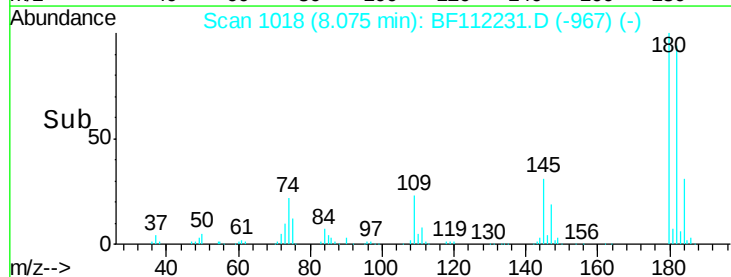
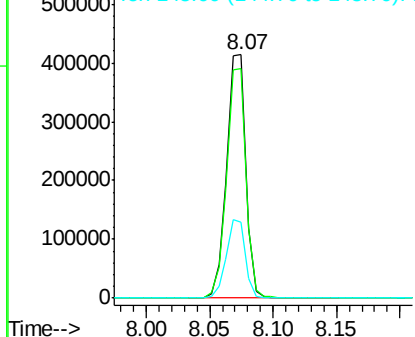


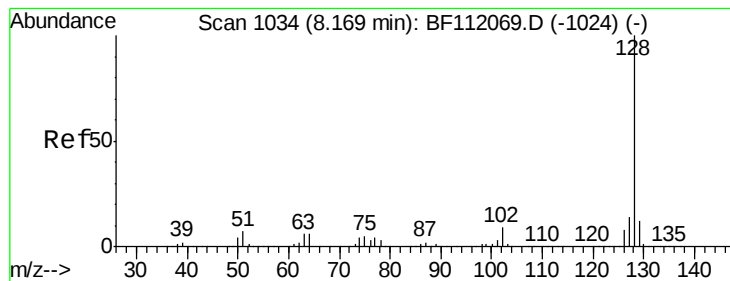
#30
1,2,4-Trichlorobenzene
Concen: 39.28 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Tgt Ion:180 Resp: 433191
Ion Ratio Lower Upper
180 100
182 94.5 76.4 114.6
145 31.0 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: 39.79 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

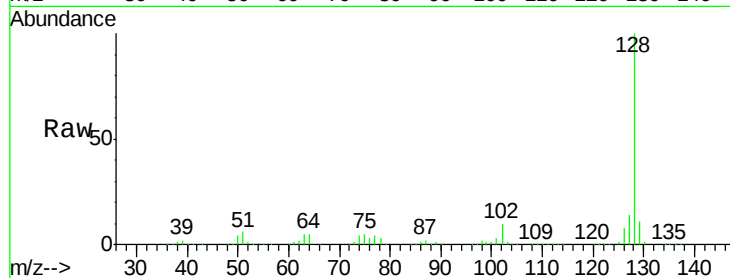
Tot Ion:128 Resp: 1213116

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

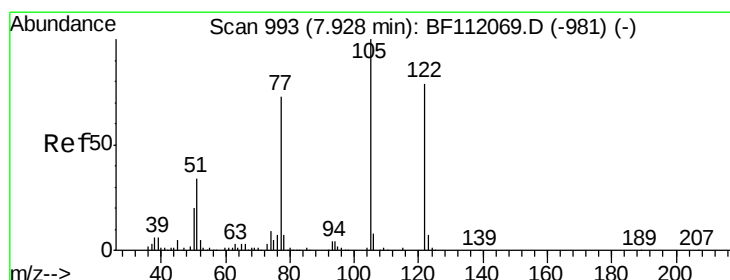
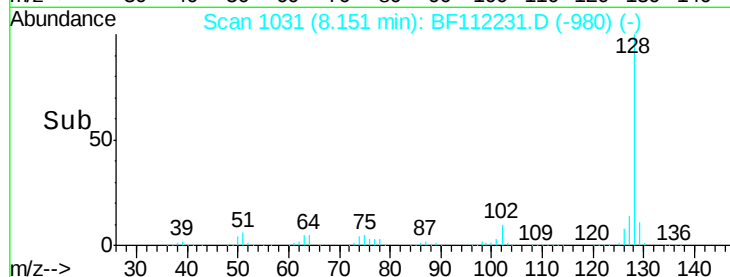
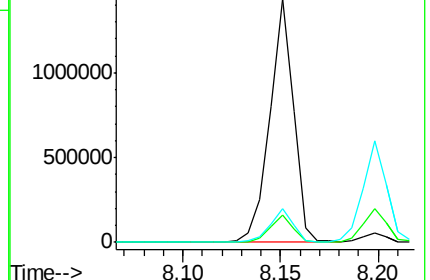
127 13.7 11.1 16.7



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: 52.04 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

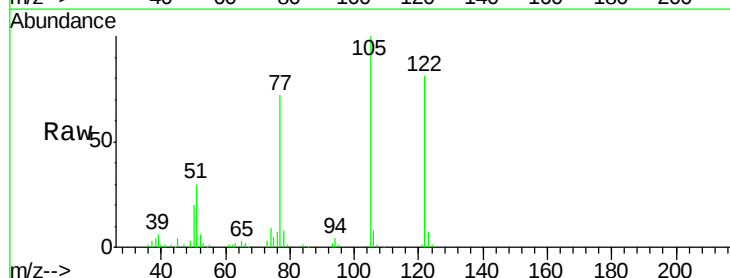
Tgt Ion:122 Resp: 186232

Ion Ratio Lower Upper

122 100

105 124.2 101.2 141.2

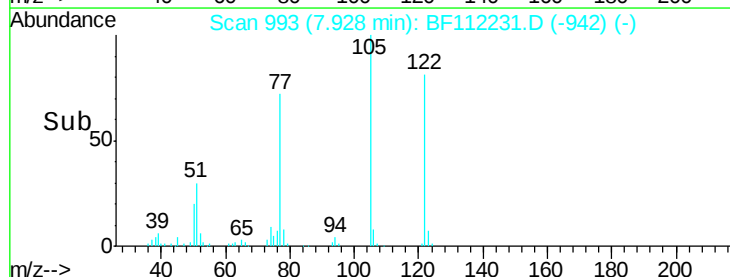
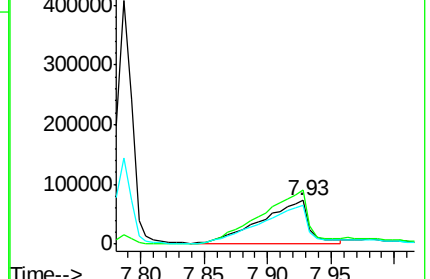
77 89.0 70.4 110.4

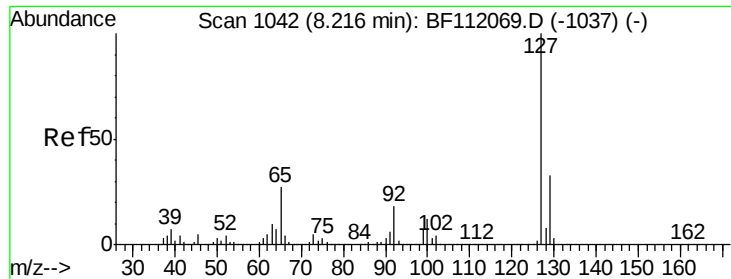


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

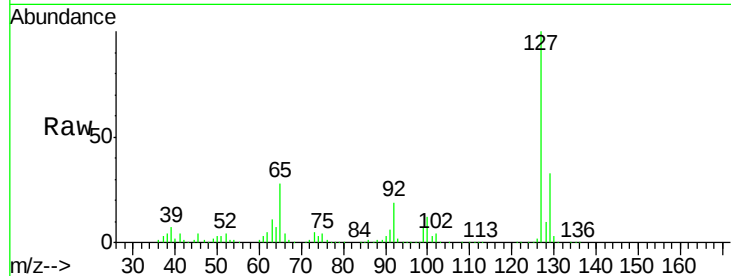




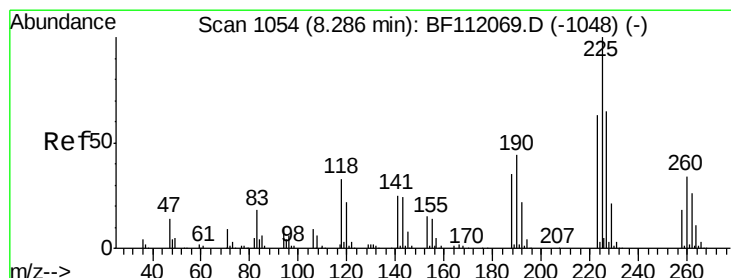
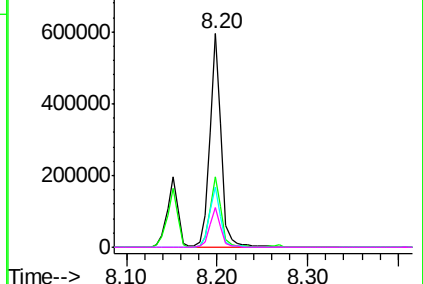
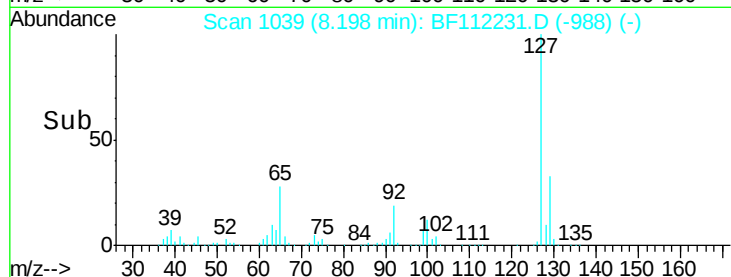
#33
4-Chloroaniline
Concen: 38.68 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:	127	Resp:	529972
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	28.2	21.4	32.2
92	18.9	14.2	21.2

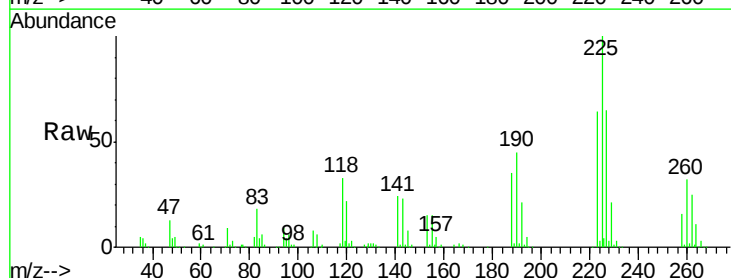


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

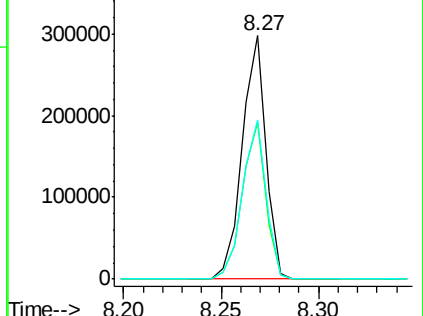
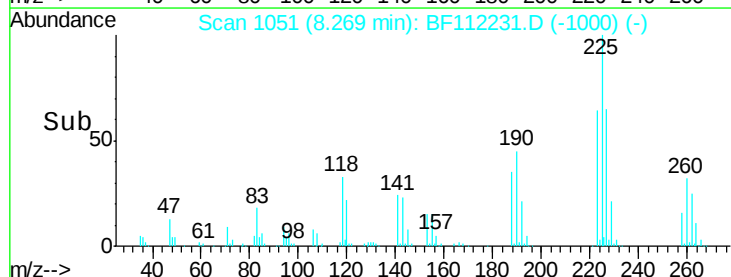


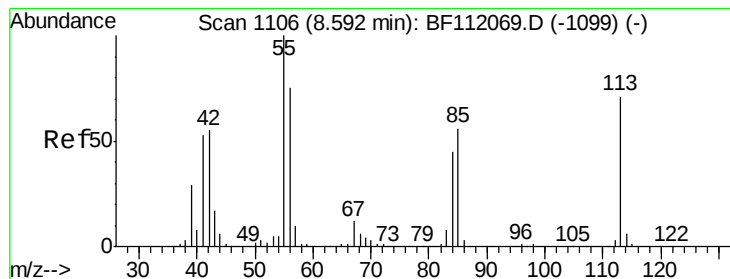
#34
Hexachlorobutadiene
Concen: 40.86 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Tgt Ion:	225	Resp:	250787
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.3	75.5
227	65.5	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: 39.21 ng

RT: 8.58 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

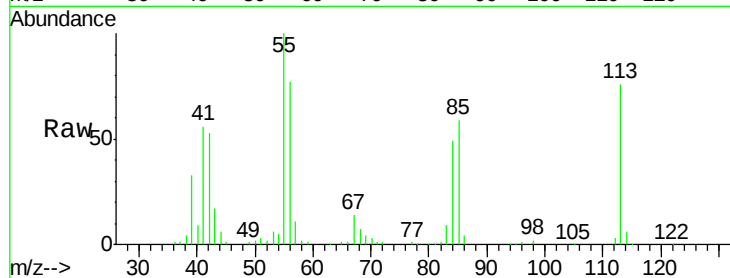
Tot Ion:113 Resp: 130399

Ion Ratio Lower Upper

113 100

55 132.2 121.6 161.6

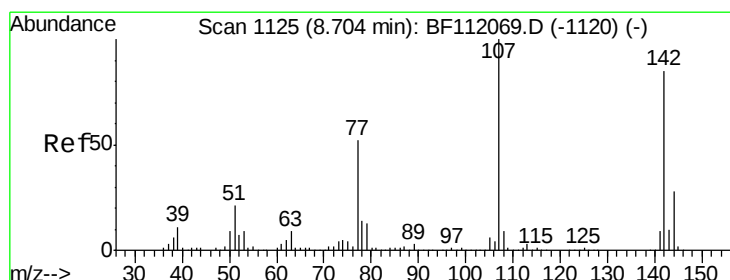
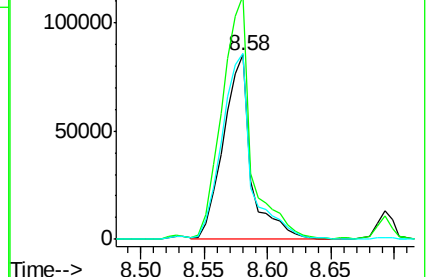
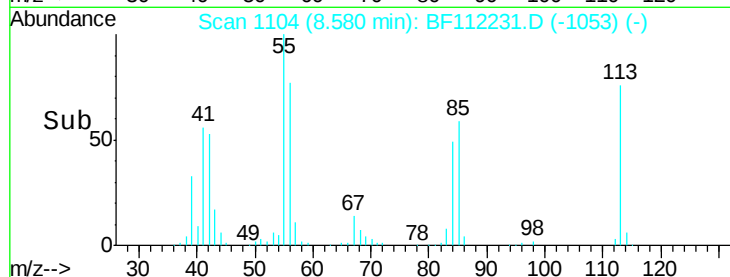
56 101.2 86.7 126.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.49 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

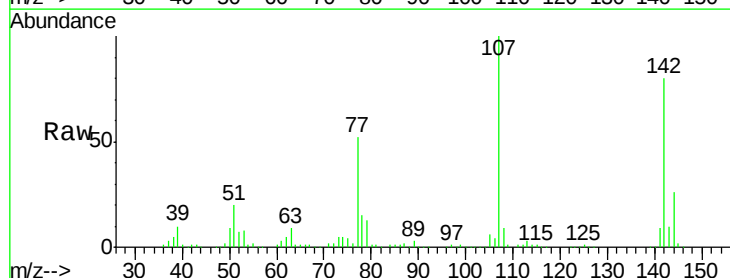
Tgt Ion:107 Resp: 394338

Ion Ratio Lower Upper

107 100

144 26.1 22.2 33.2

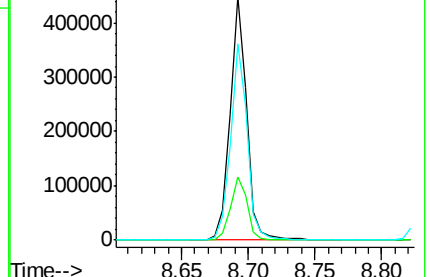
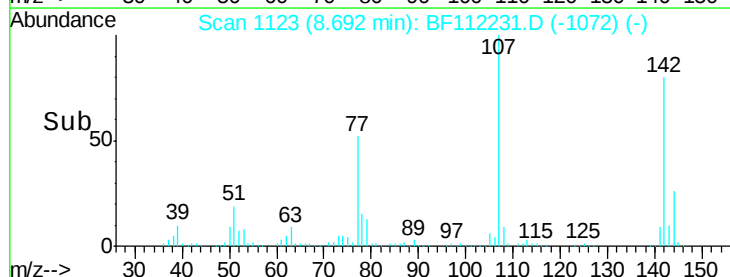
142 80.5 67.7 101.5

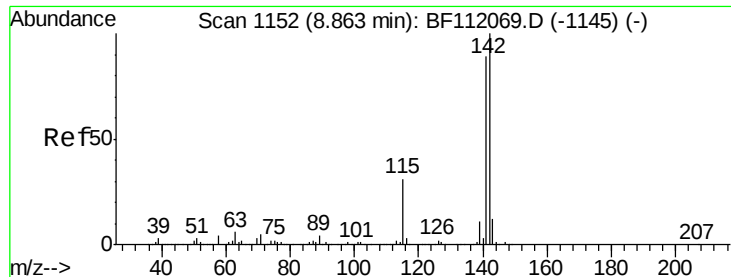


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

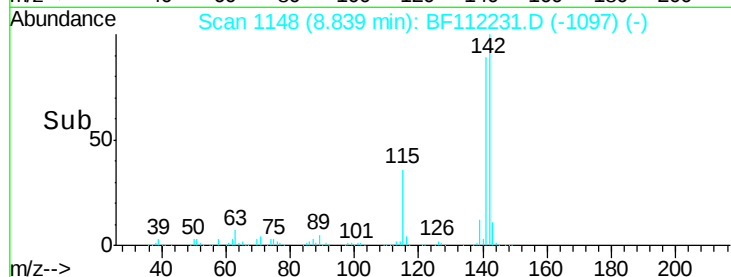
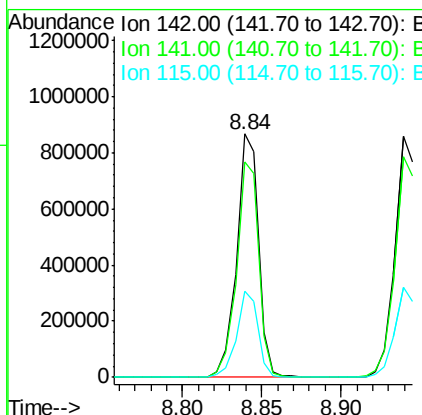
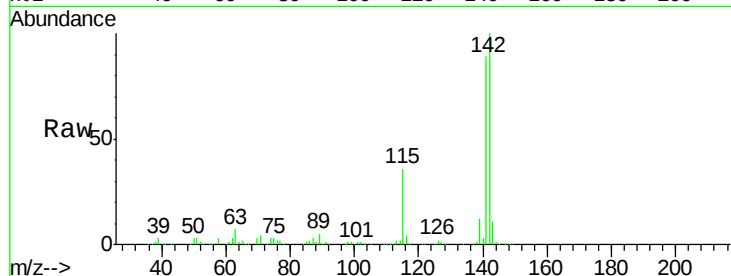




#37
2-Methylnaphthalene
Concen: 40.13 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

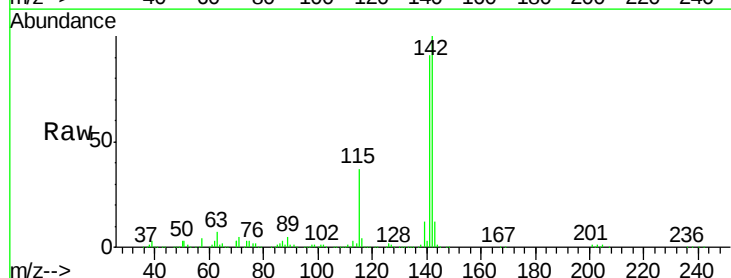
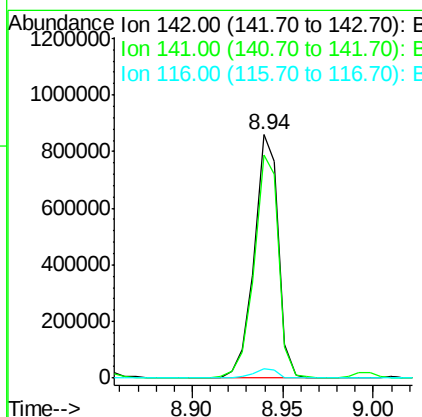
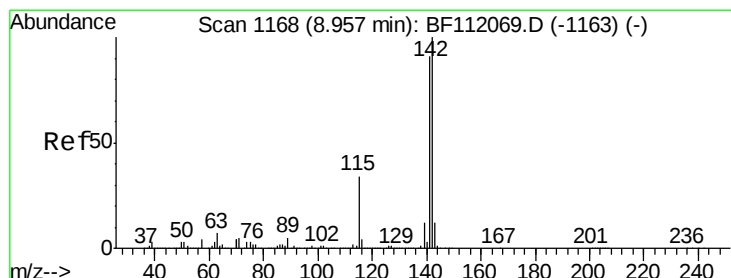
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

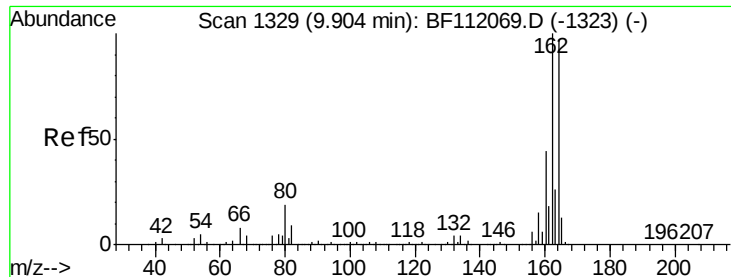
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.9	106.3
115	35.6	24.9	37.3



#38
1-Methylnaphthalene
Concen: 39.77 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.6	108.8
116	3.9	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

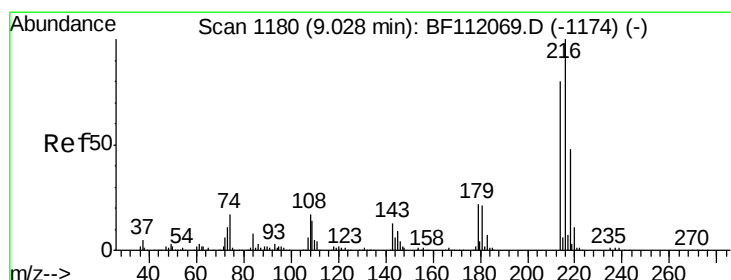
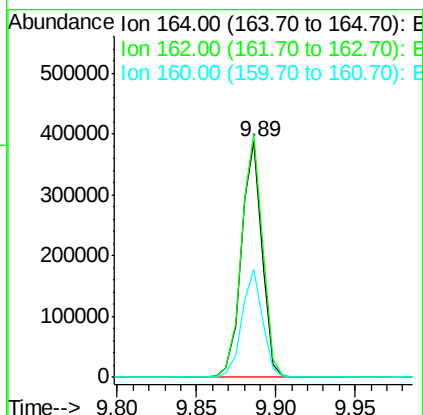
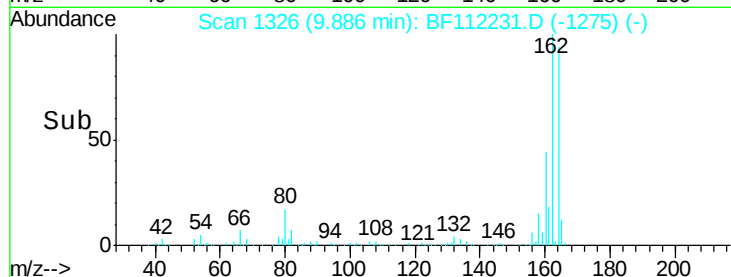
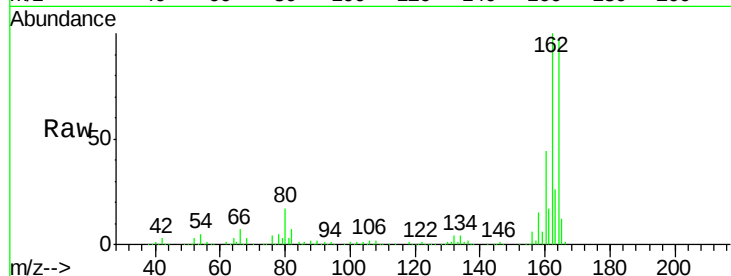
Tot Ion:164 Resp: 345977

Ion Ratio Lower Upper

164 100

162 103.3 82.2 123.4

160 45.7 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.29 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Tgt Ion:216 Resp: 425421

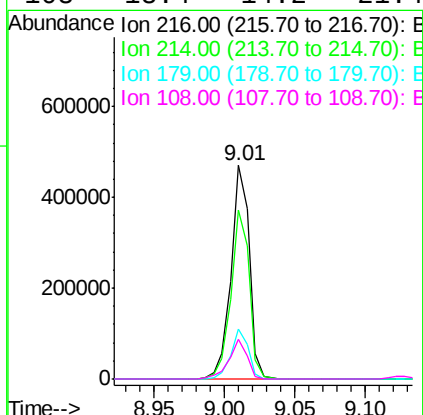
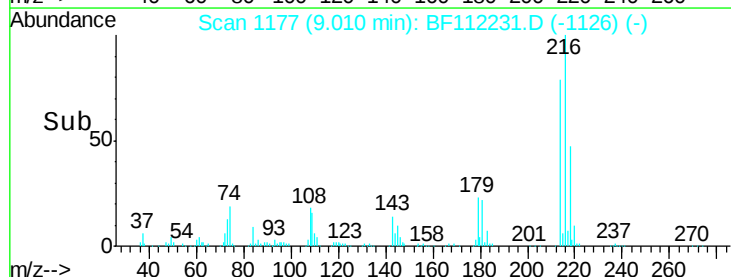
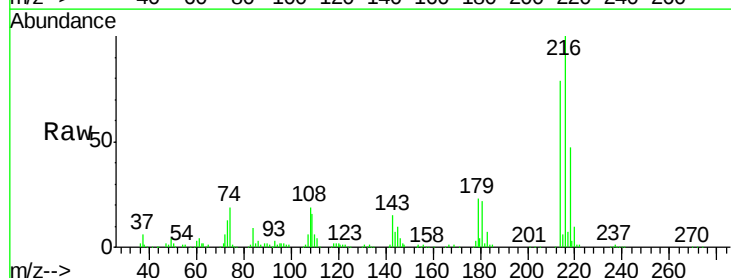
Ion Ratio Lower Upper

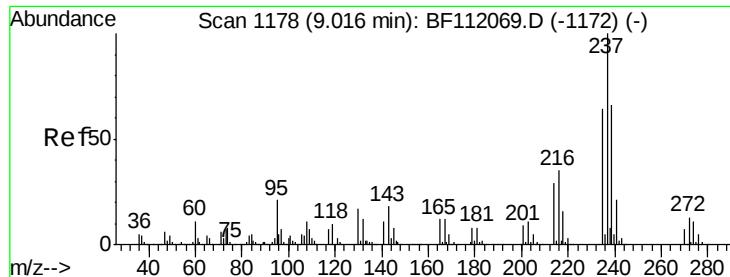
216 100

214 79.0 63.8 95.6

179 22.2 16.9 25.3

108 18.4 14.2 21.4

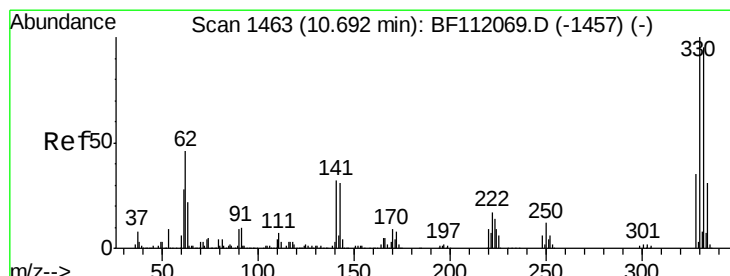
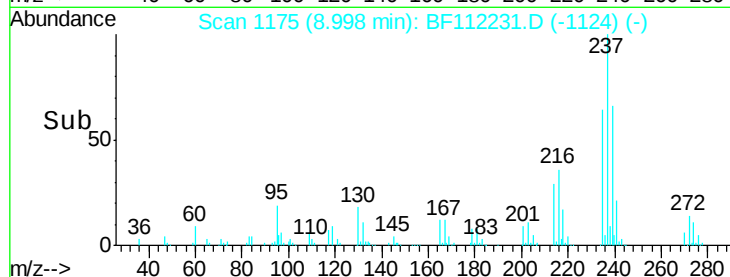
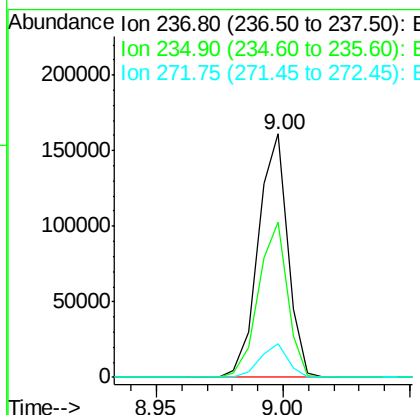
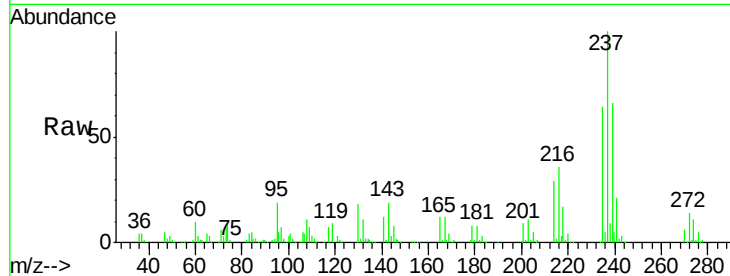




#41
Hexachlorocyclopentadiene
Concen: 36.04 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

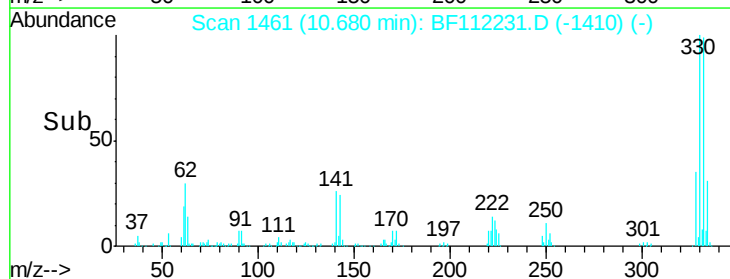
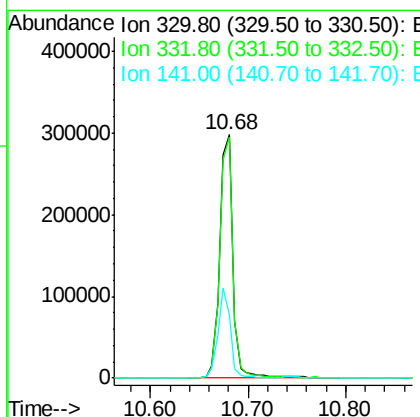
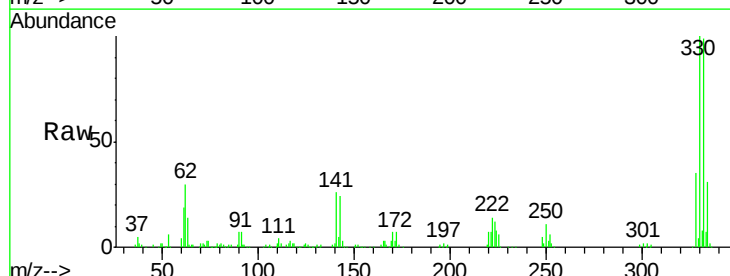
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

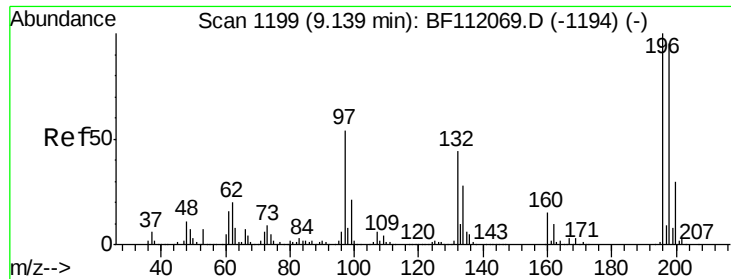
Tot Ion:	237	Resp:	131228
Ion	Ratio	Lower	Upper
237	100		
235	63.7	44.0	84.0
272	13.6	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 75.64 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Tgt Ion:	330	Resp:	282327
Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	34.3	24.3	36.5

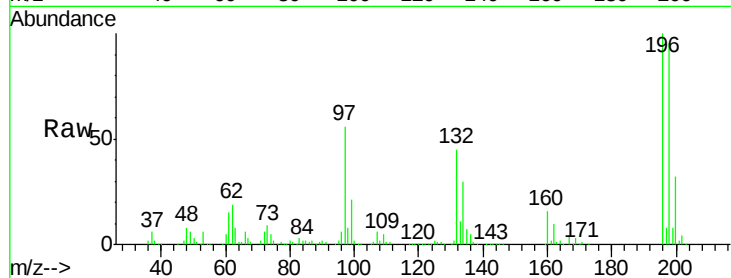




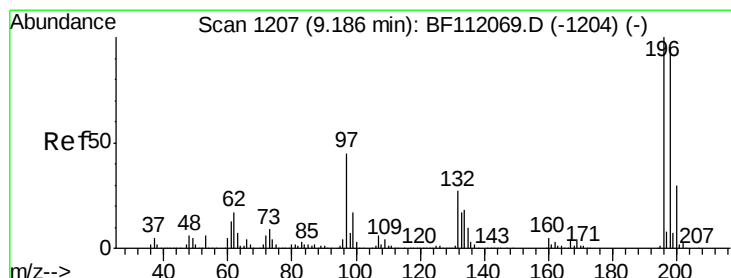
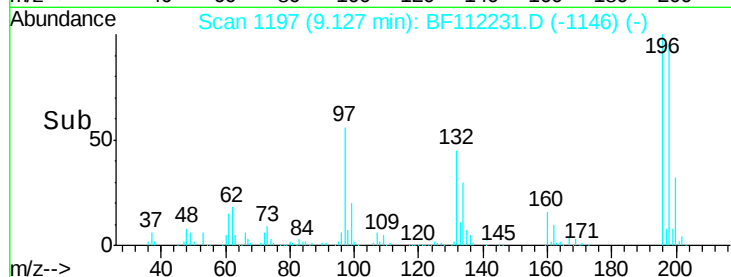
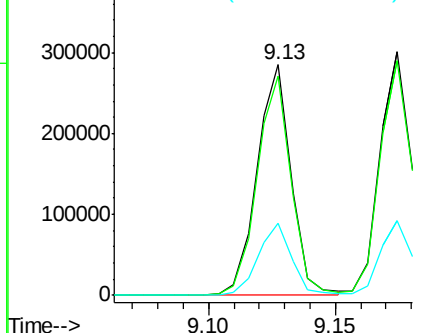
#43
 2,4,6-Trichlorophenol
 Concen: 40.11 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:196 Resp: 266574
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.2 114.4
 200 31.5 24.3 36.5



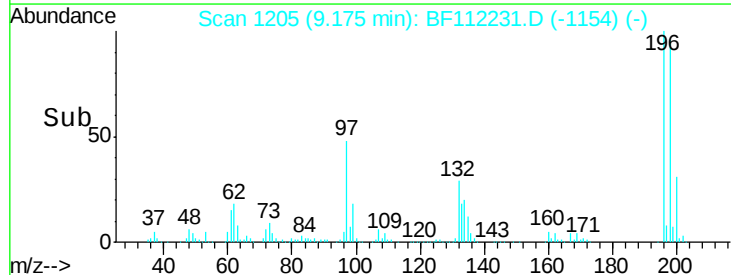
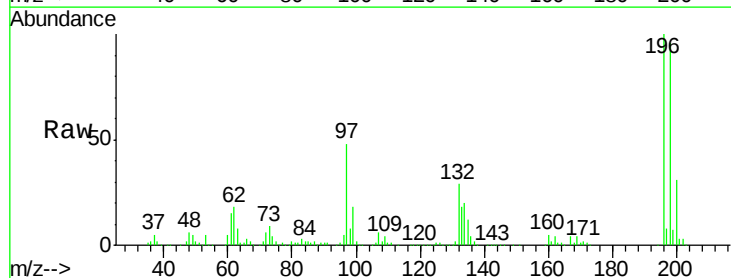
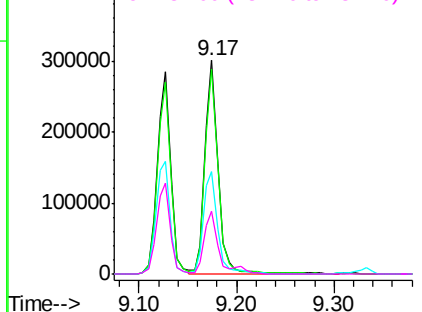
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

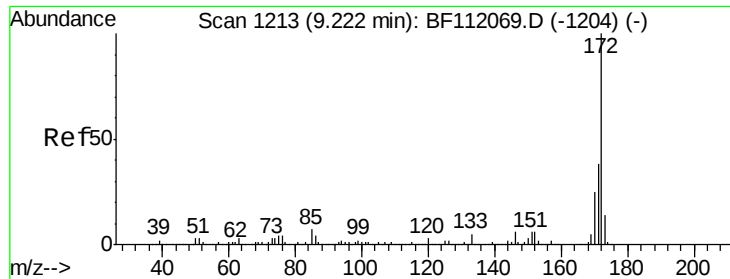


#44
 2,4,5-Trichlorophenol
 Concen: 39.95 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

Tgt Ion:196 Resp: 282757
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.0 114.0
 97 48.2 36.4 54.6
 132 29.3 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

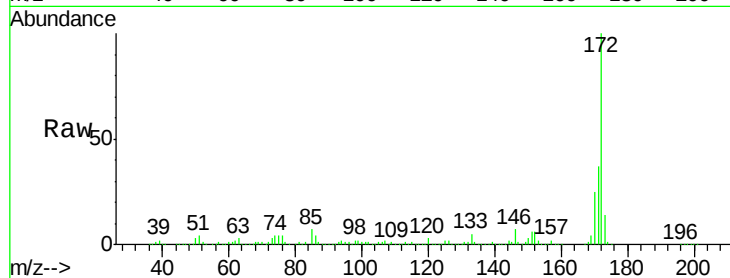




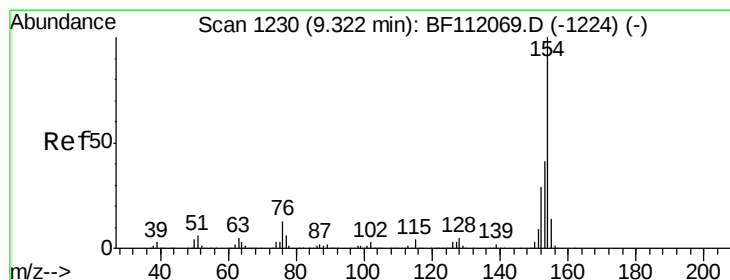
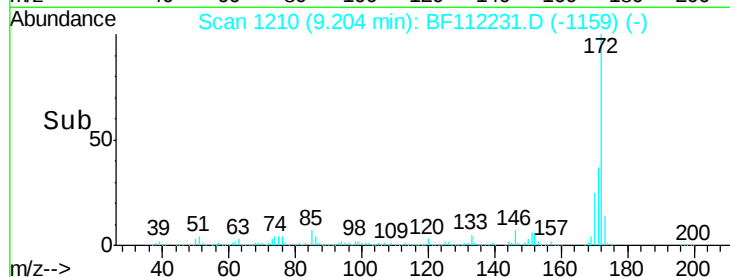
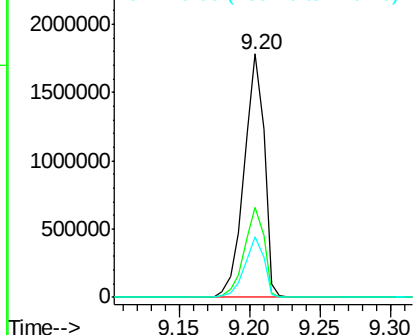
#45
2-Fluorobiphenyl
Concen: 75.10 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:172 Resp: 1772345
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 24.6 20.2 30.4

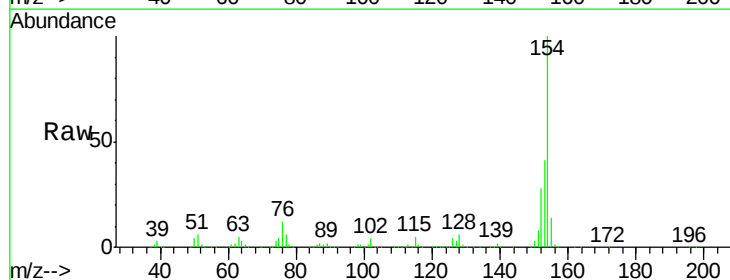


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

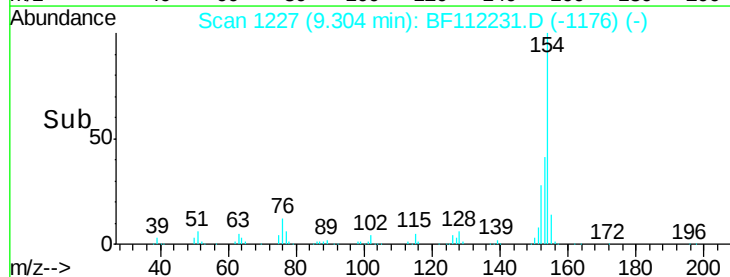
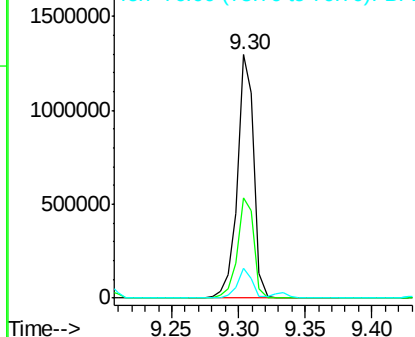


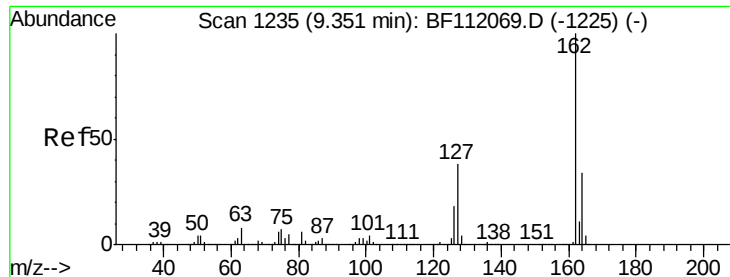
#46
1,1'-Biphenyl
Concen: 38.71 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Tgt Ion:154 Resp: 1119876
Ion Ratio Lower Upper
154 100
153 41.4 21.5 61.5
76 12.4 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

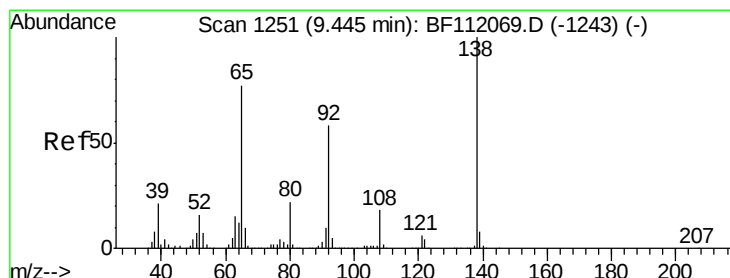
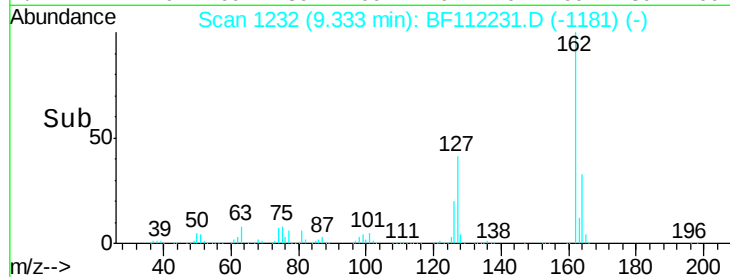
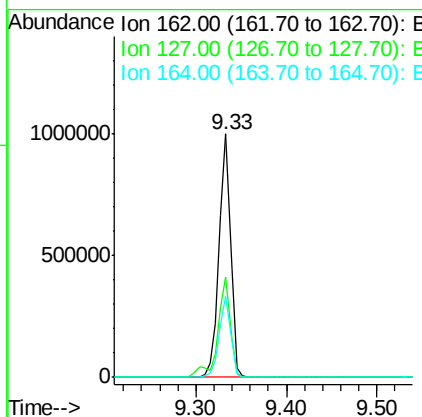
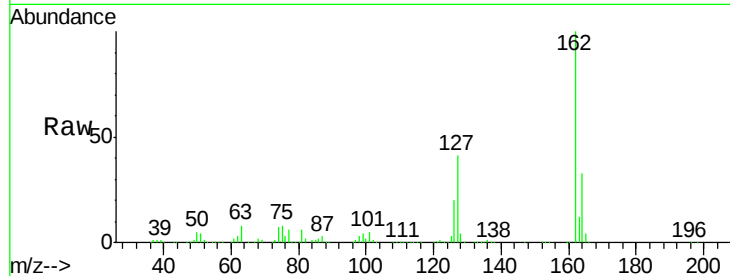




#47
 2-Chloronaphthalene
 Concen: 38.58 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

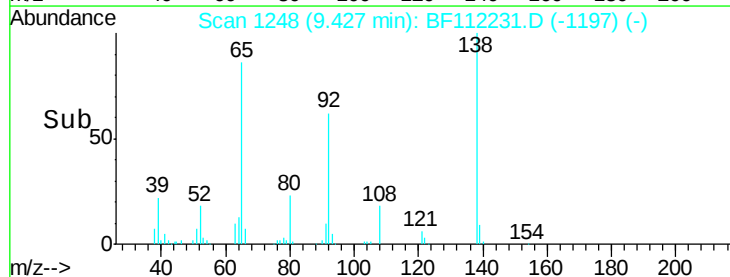
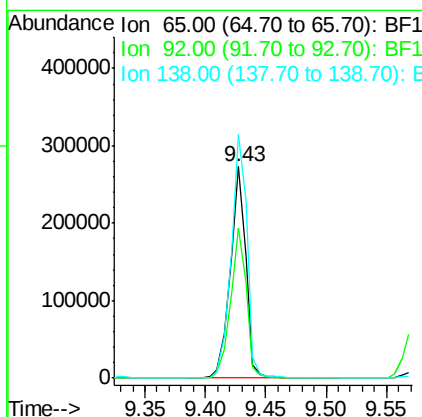
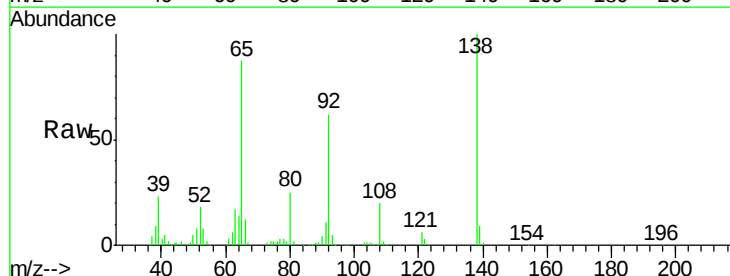
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

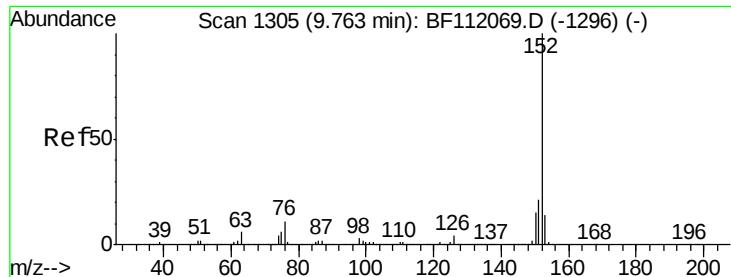
Tot Ion:162 Resp: 873631
 Ion Ratio Lower Upper
 162 100
 127 41.4 30.4 45.6
 164 33.3 27.4 41.2



#48
 2-Nitroaniline
 Concen: 47.95 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

Tgt Ion: 65 Resp: 244595
 Ion Ratio Lower Upper
 65 100
 92 71.1 60.4 90.6
 138 115.4 104.4 156.6





#49

Acenaphthylene

Concen: 39.02 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

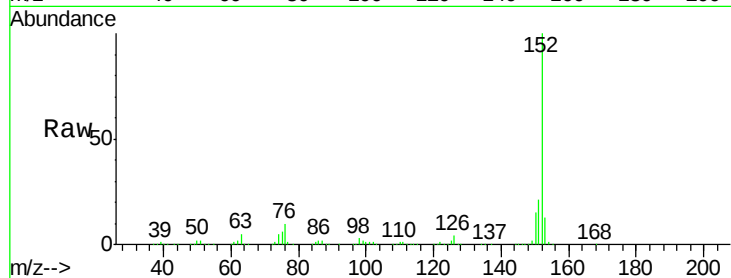
Tot Ion:152 Resp: 1289542

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.6

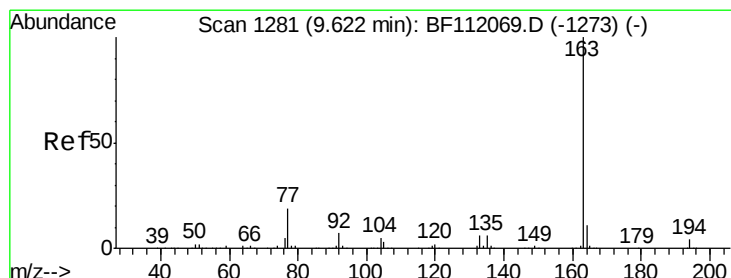
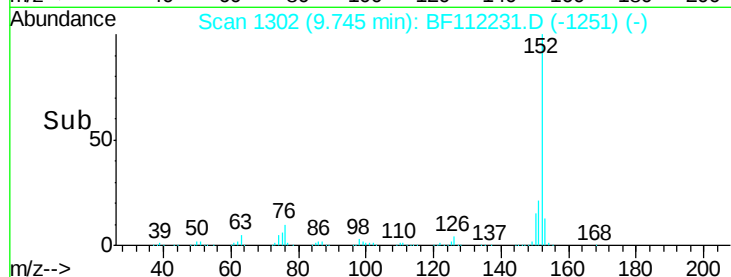
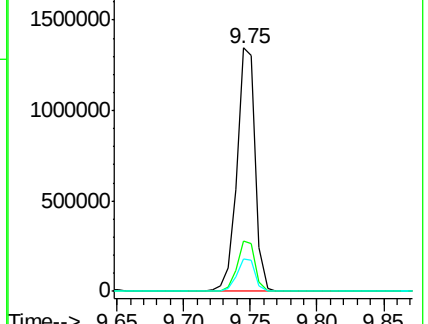
153 13.5 11.2 16.8



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: 39.05 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

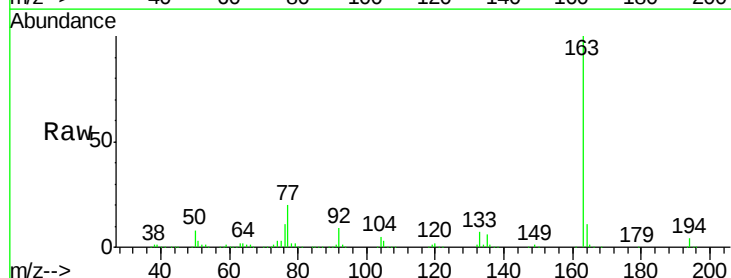
Tgt Ion:163 Resp: 985201

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

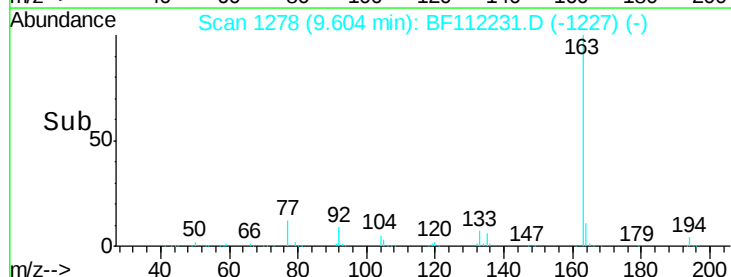
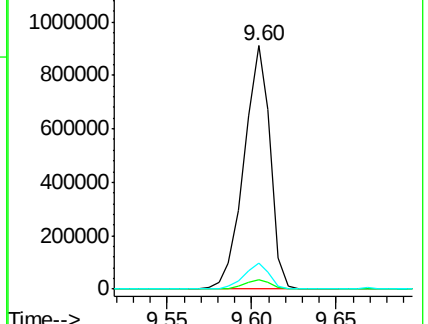
164 10.6 8.5 12.7

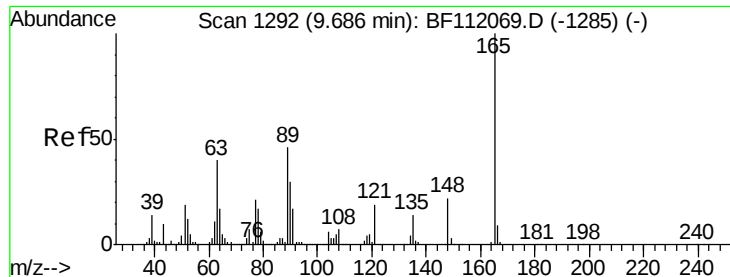


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.29 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

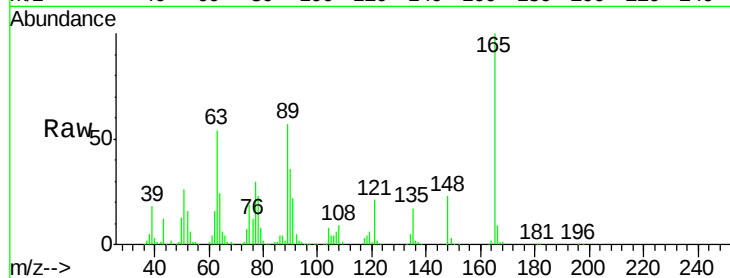
Tot Ion:165 Resp: 223181

Ion Ratio Lower Upper

165 100

63 54.1 33.8 50.8#

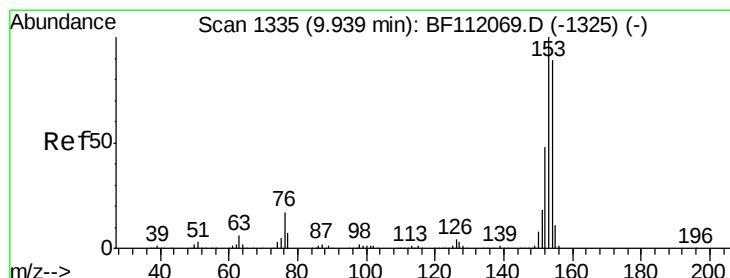
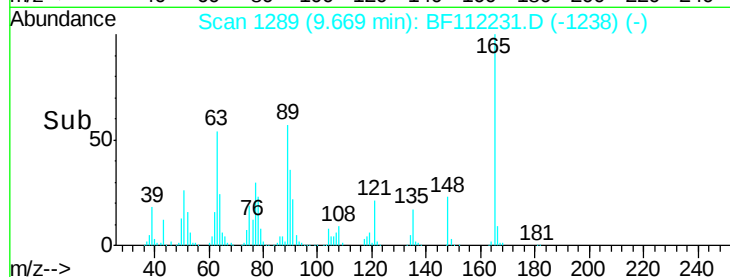
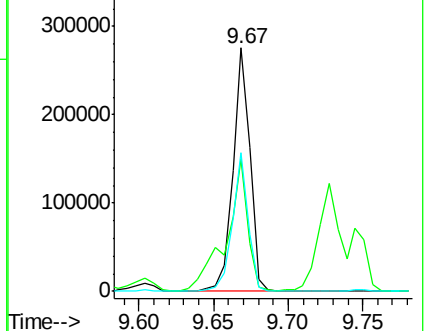
89 57.1 36.9 55.3#



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: 38.37 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

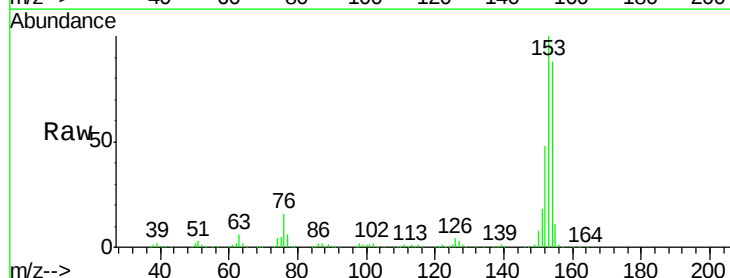
Tgt Ion:154 Resp: 775815

Ion Ratio Lower Upper

154 100

153 113.9 89.8 134.6

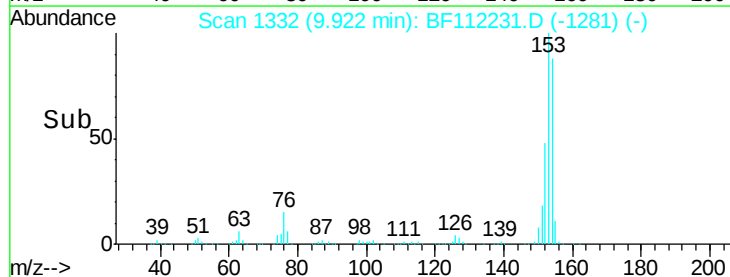
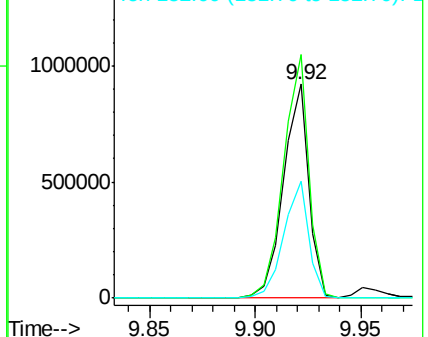
152 54.5 43.5 65.3

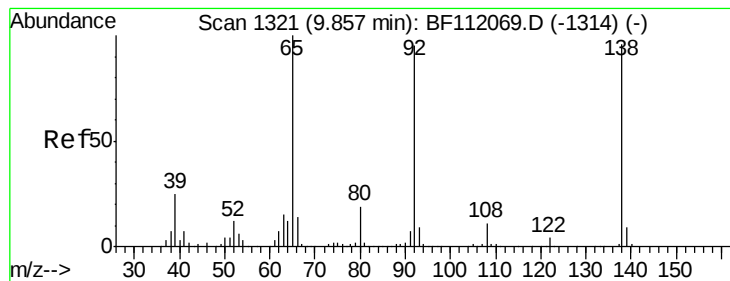


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 43.41 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

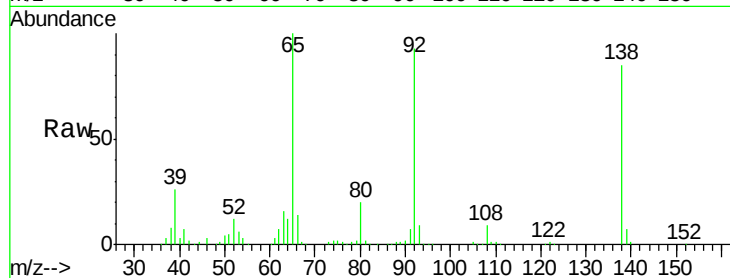
Tot Ion:138 Resp: 244610

Ion Ratio Lower Upper

138 100

108 10.5 9.8 14.6

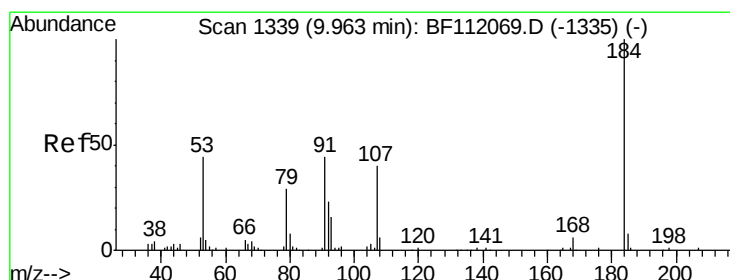
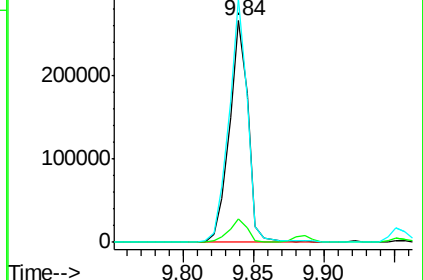
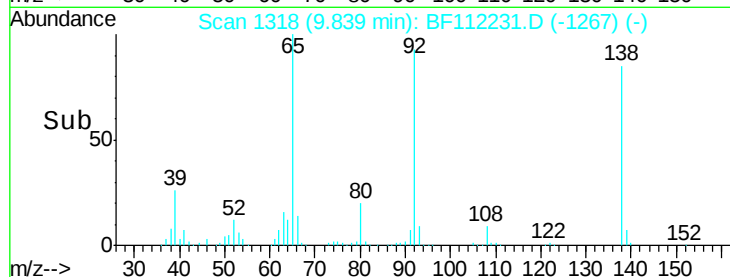
92 110.0 79.4 119.2



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: 68.62 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

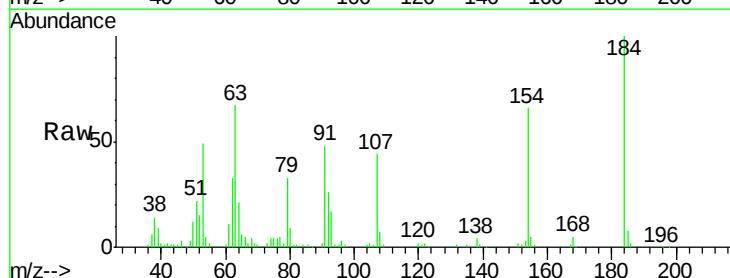
Tgt Ion:184 Resp: 73700

Ion Ratio Lower Upper

184 100

63 67.5 47.1 70.7

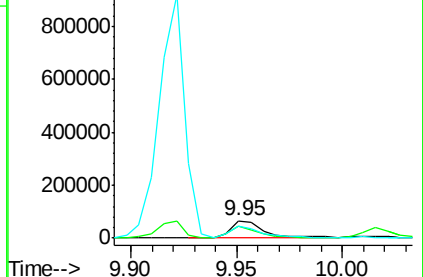
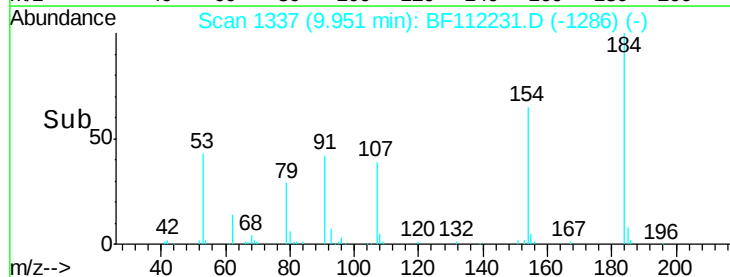
154 66.1 48.9 73.3

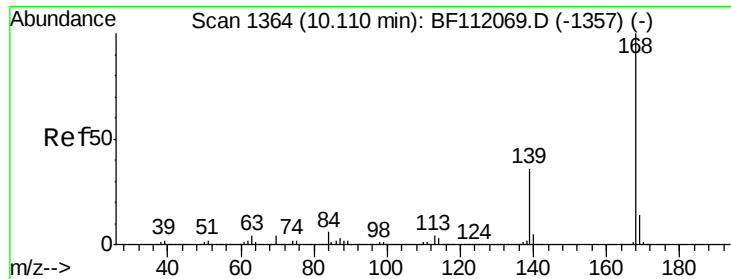


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 38.66 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

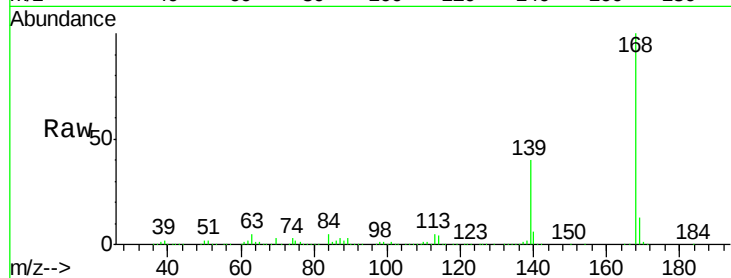
Tot Ion:168 Resp: 1182208

Ion Ratio Lower Upper

168 100

139 39.8 29.2 43.8

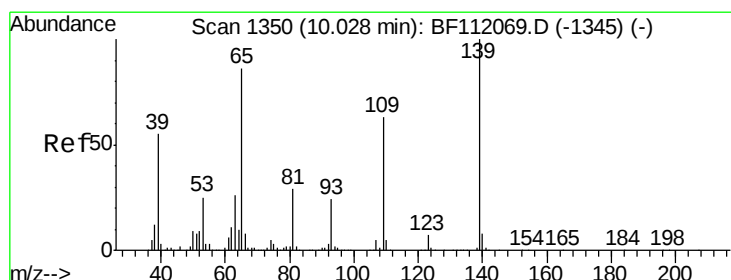
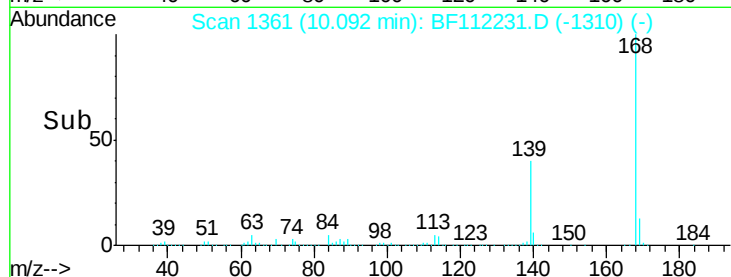
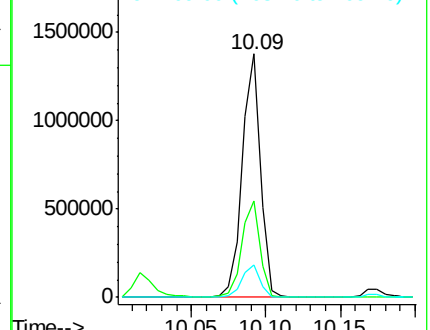
169 13.5 11.4 17.0



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: 38.90 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

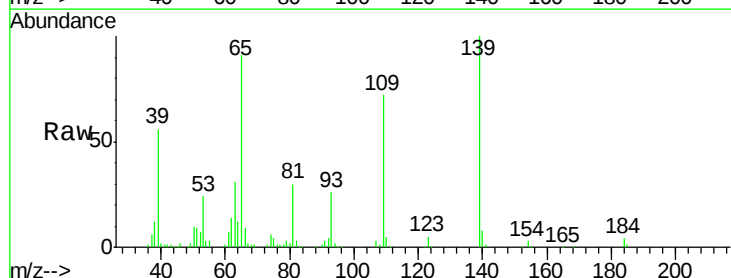
Tgt Ion:139 Resp: 136236

Ion Ratio Lower Upper

139 100

109 71.6 42.8 82.8

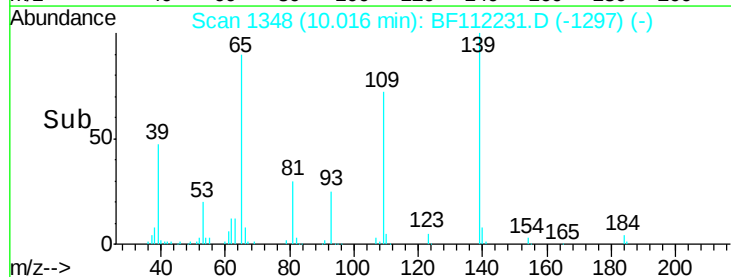
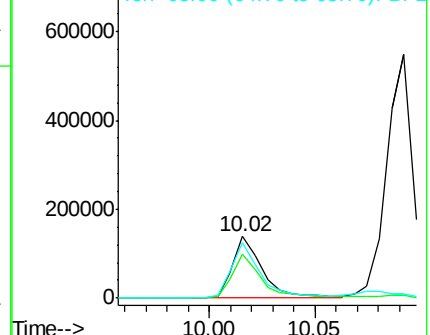
65 91.1 66.1 106.1

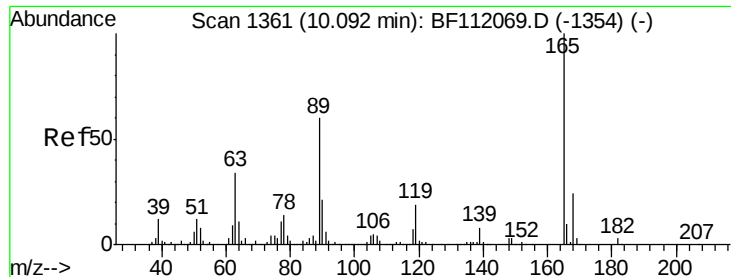


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

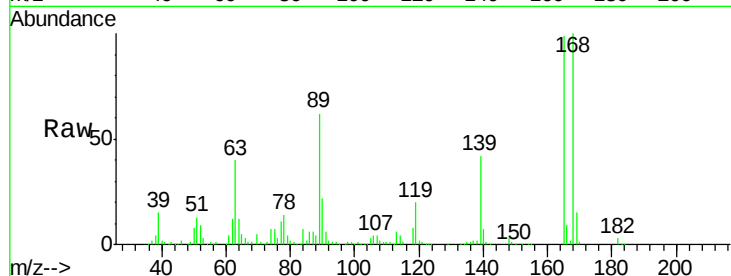




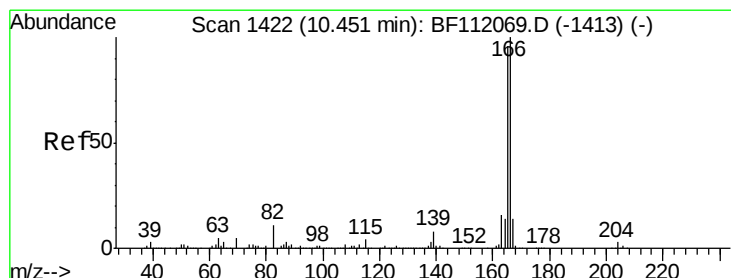
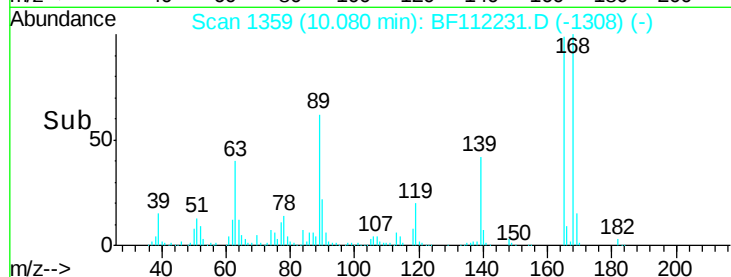
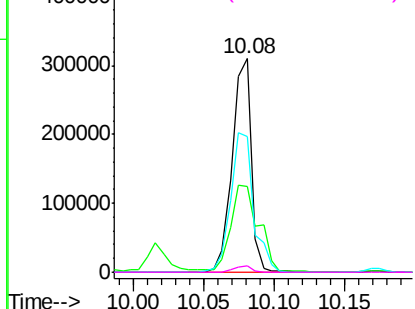
#57
2,4-Dinitrotoluene
Concen: 48.61 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:165 Resp: 291877
Ion Ratio Lower Upper
165 100
63 40.1 27.9 41.9
89 63.2 47.9 71.9
182 3.1 2.2 3.4

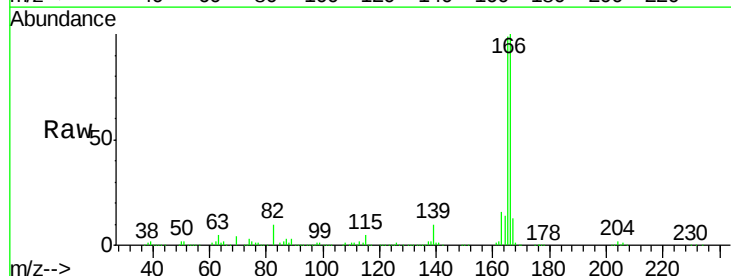


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

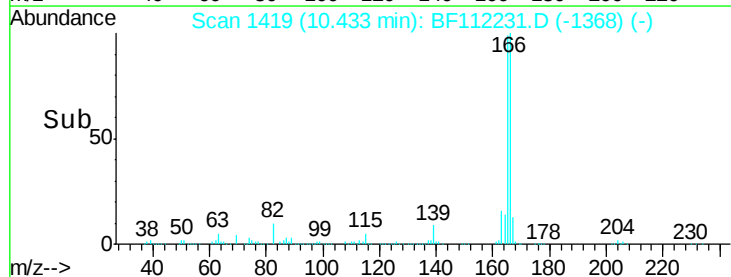
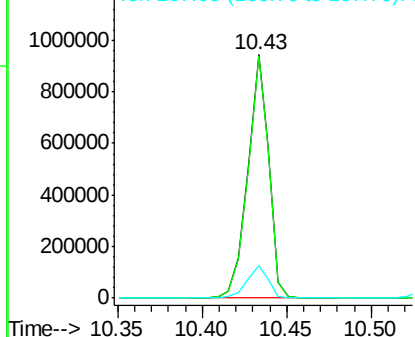


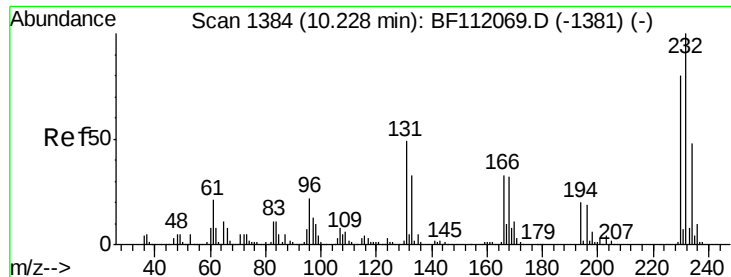
#58
Fluorene
Concen: 35.97 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Tgt Ion:166 Resp: 821749
Ion Ratio Lower Upper
166 100
165 99.3 77.1 115.7
167 13.5 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

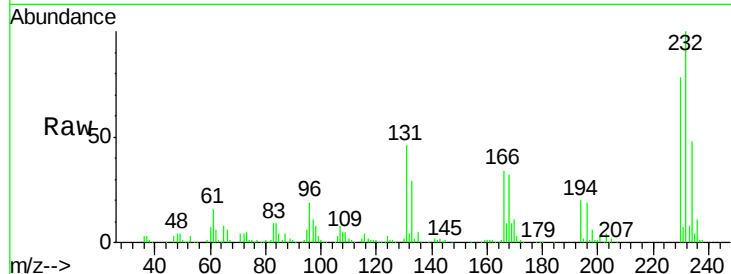




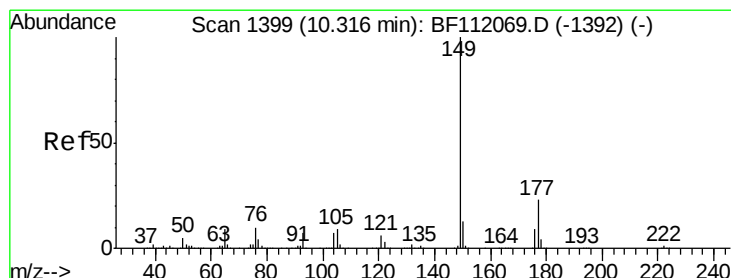
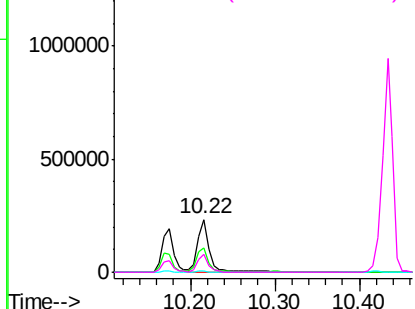
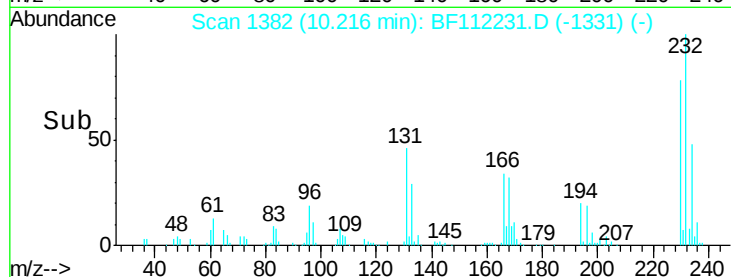
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.47 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.7	33.9	50.9
130	2.5	1.8	2.6
166	30.6	23.6	35.4

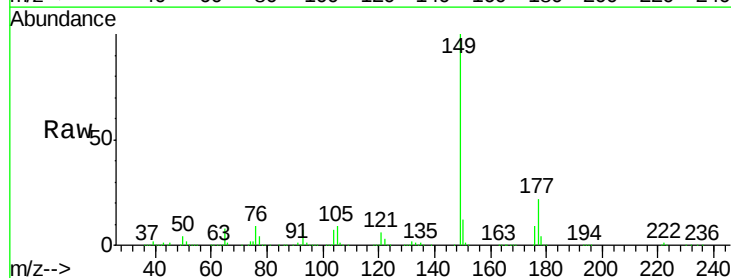


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

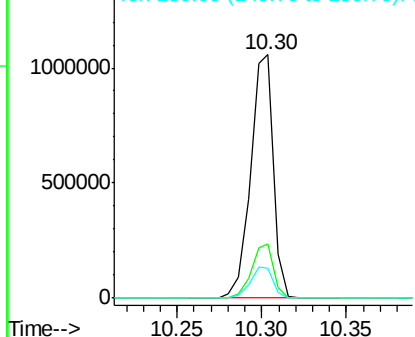
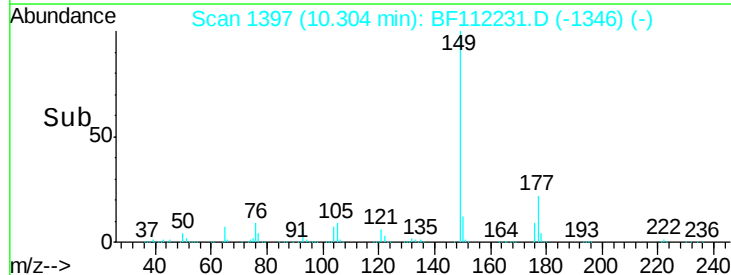


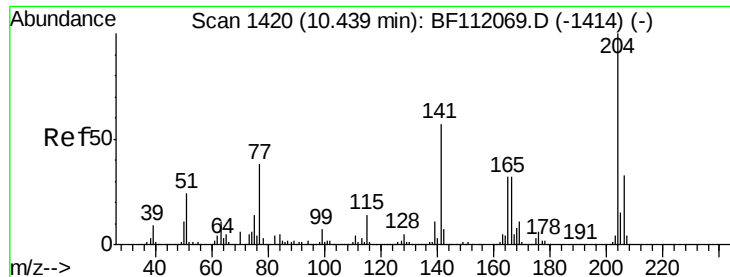
#60
Diethylphthalate
Concen: 40.50 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.2	27.2
150	12.5	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

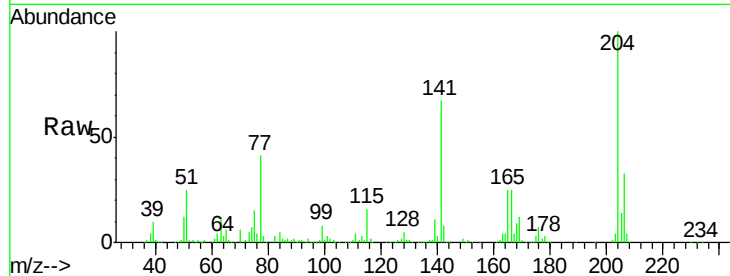




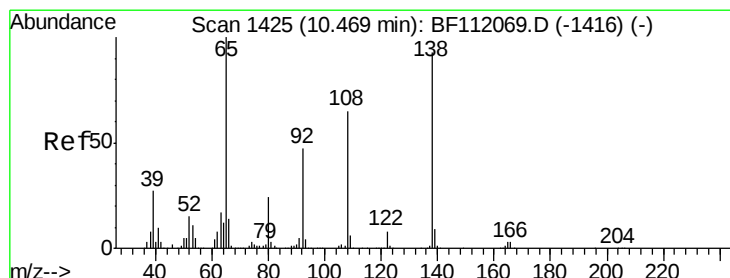
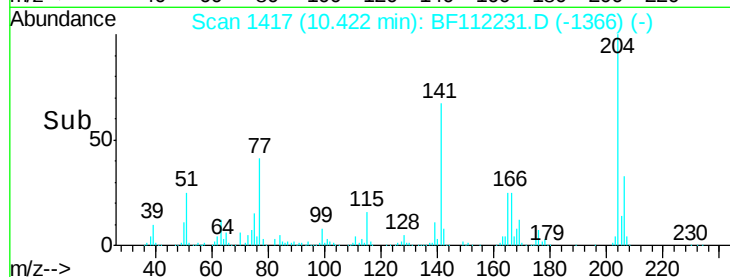
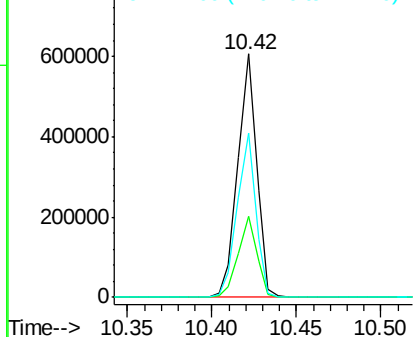
#61
4-Chlorophenyl-phenylether
Concen: 38.32 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:204 Resp: 472440
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 67.2 45.9 68.9

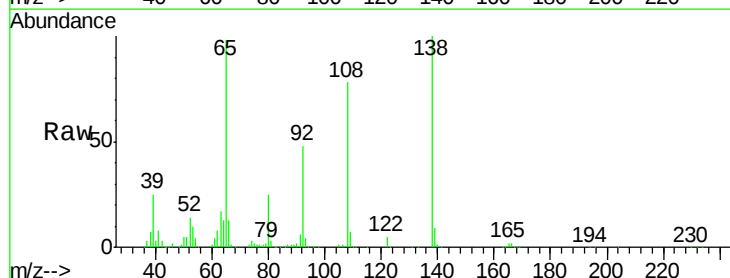


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

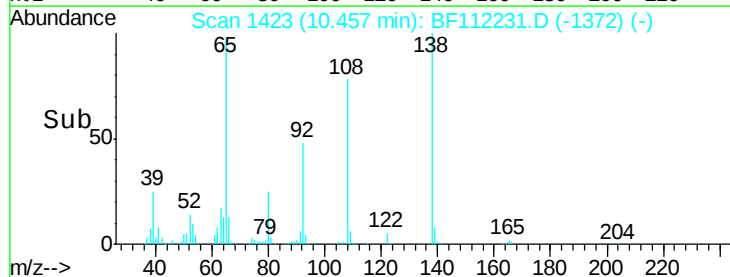
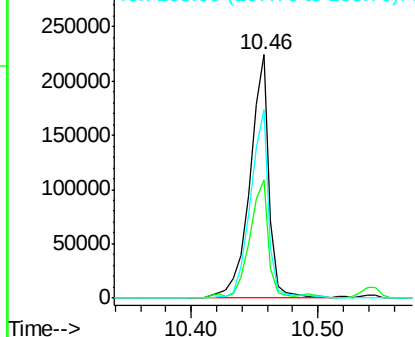


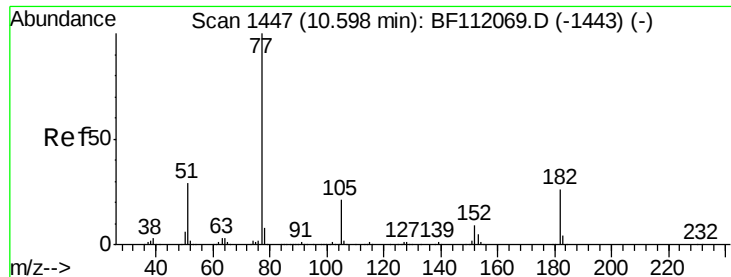
#62
4-Nitroaniline
Concen: 42.40 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Tgt Ion:138 Resp: 237244
Ion Ratio Lower Upper
138 100
92 48.3 30.6 70.6
108 77.6 50.0 90.0



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





#63

Azobenzene

Concen: 38.41 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 905856

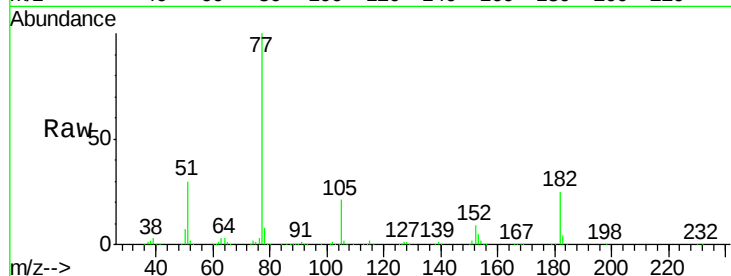
Ion Ratio Lower Upper

77 100

182 25.2 5.7 45.7

105 20.9 1.4 41.4

51 29.8 9.5 49.5

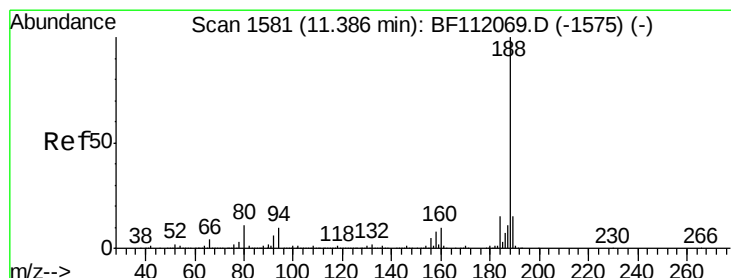
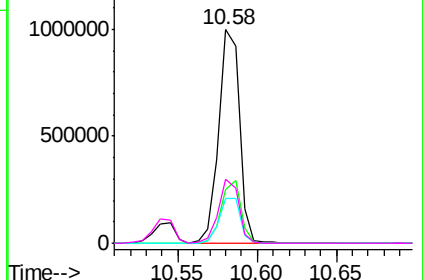
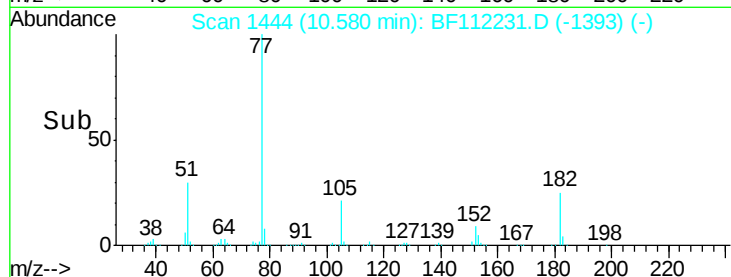


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 20.00 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

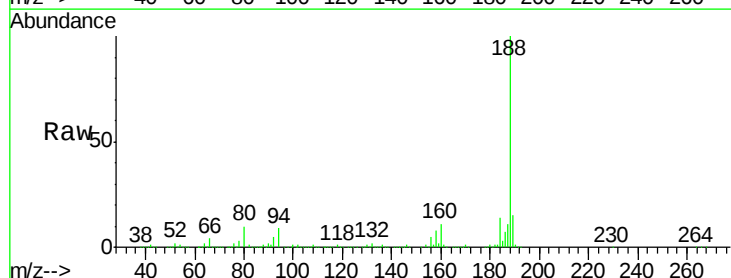
Tgt Ion: 188 Resp: 656980

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

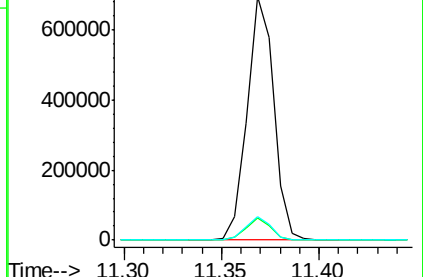
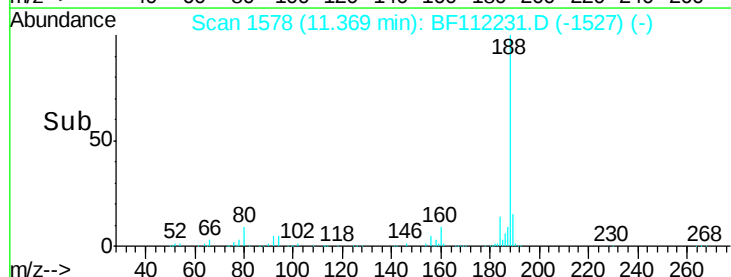
80 9.7 8.9 13.3

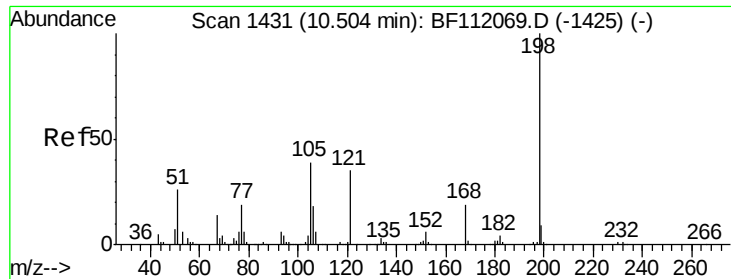


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

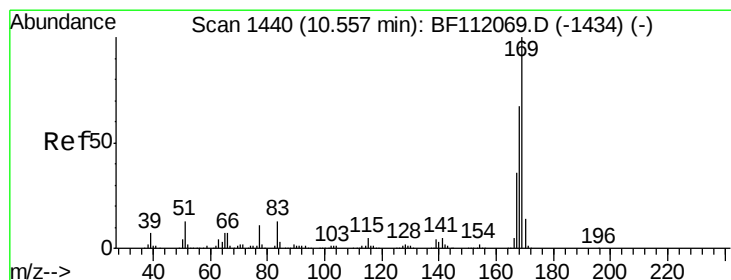
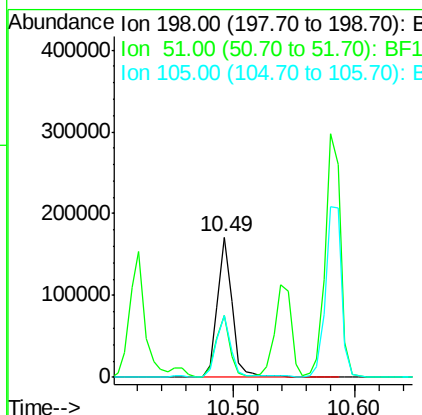
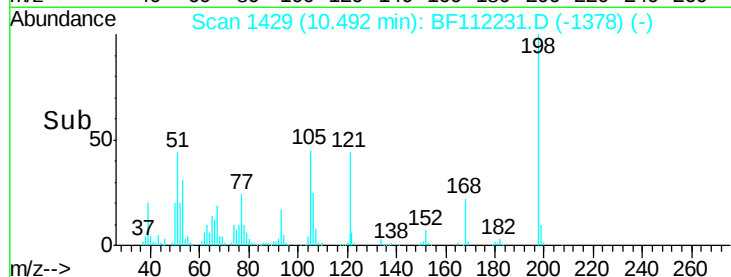
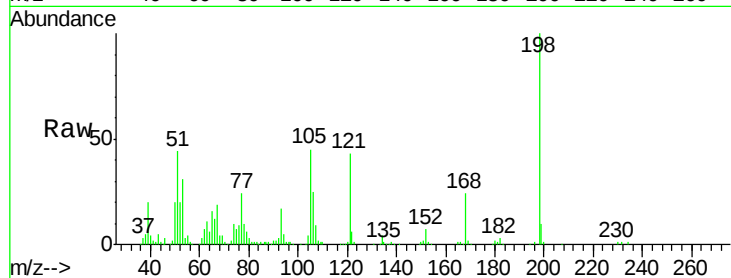




#65
4,6-Dinitro-2-methylphenol
Concen: 61.94 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

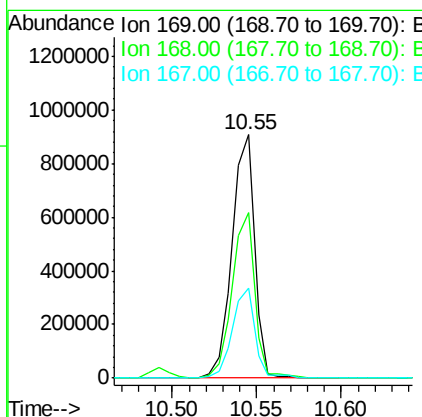
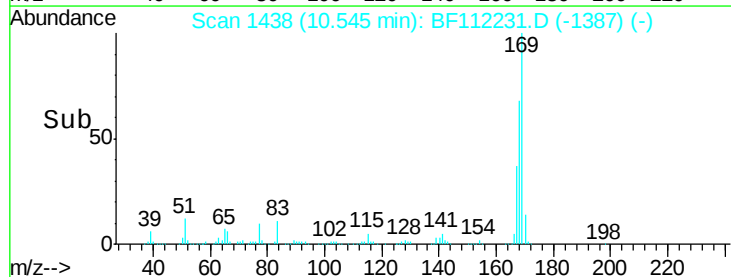
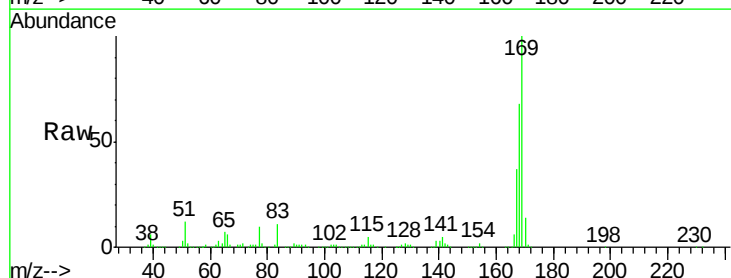
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

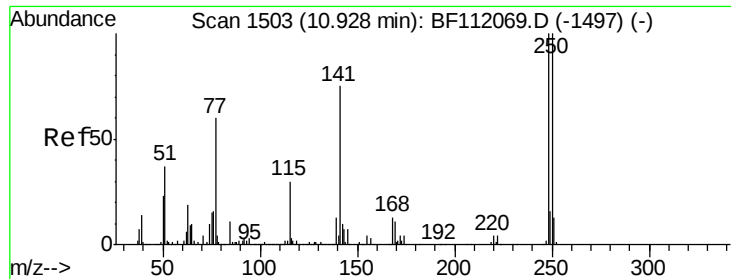
Tot Ion:198 Resp: 144283
Ion Ratio Lower Upper
198 100
51 44.2 17.2 57.2
105 44.6 21.9 61.9



#66
n-Nitrosodiphenylamine
Concen: 38.61 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Tgt Ion:169 Resp: 838476
Ion Ratio Lower Upper
169 100
168 67.9 53.9 80.9
167 36.8 28.9 43.3

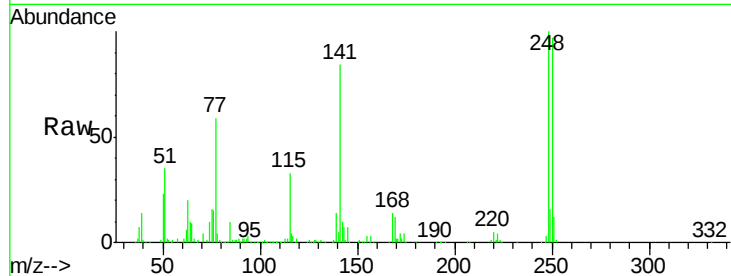




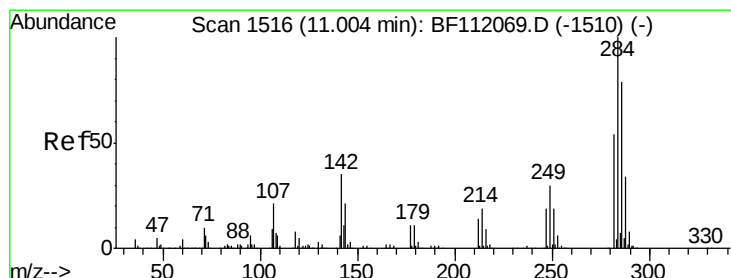
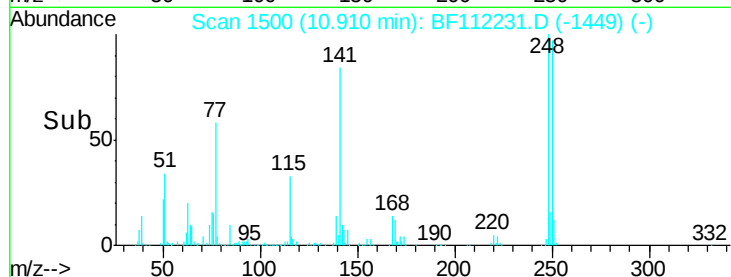
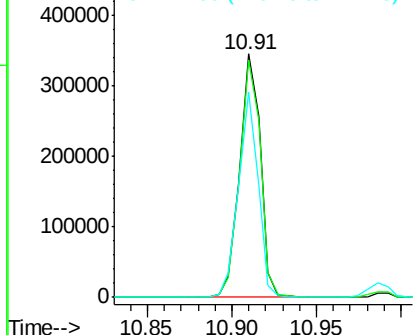
#67
4-Bromophenyl-phenylether
Concen: 38.70 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:248 Resp: 295343
Ion Ratio Lower Upper
248 100
250 97.4 79.7 119.5
141 84.2 60.3 90.5

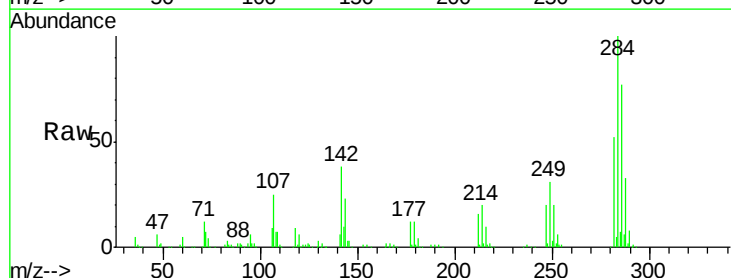


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

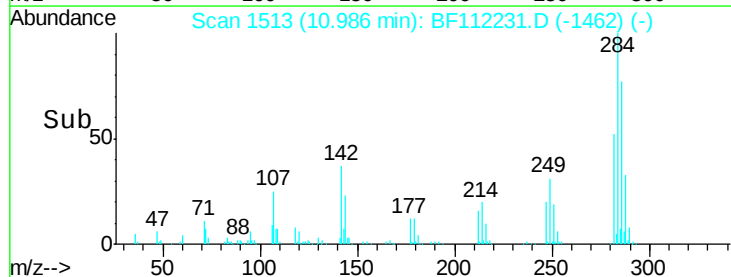
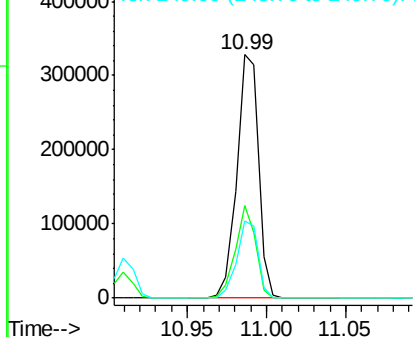


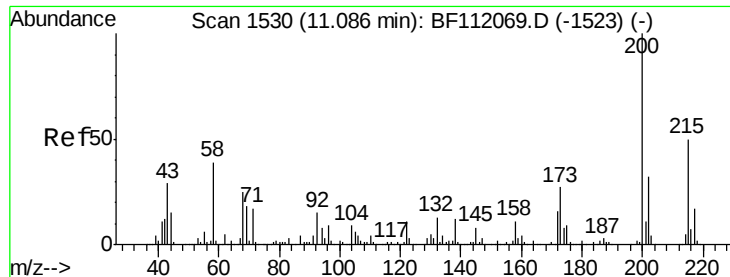
#68
Hexachlorobenzene
Concen: 37.94 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Tgt Ion:284 Resp: 311885
Ion Ratio Lower Upper
284 100
142 37.9 27.6 41.4
249 31.5 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: 38.99 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

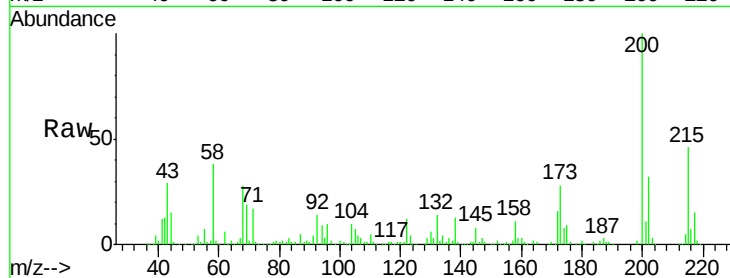
Tot Ion:200 Resp: 273239

Ion Ratio Lower Upper

200 100

173 27.7 7.1 47.1

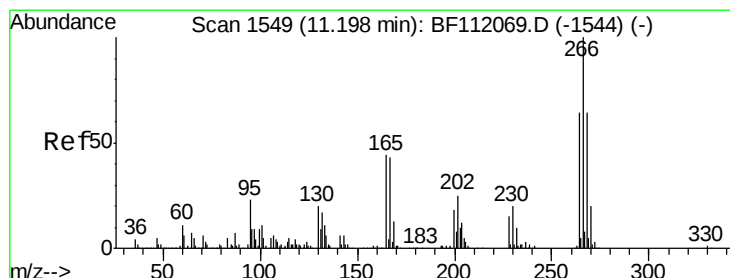
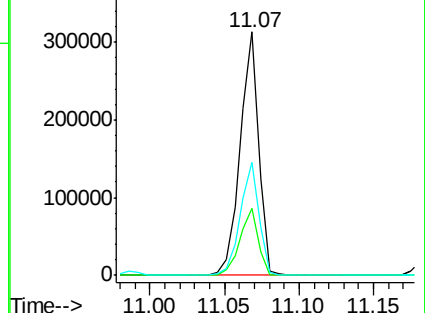
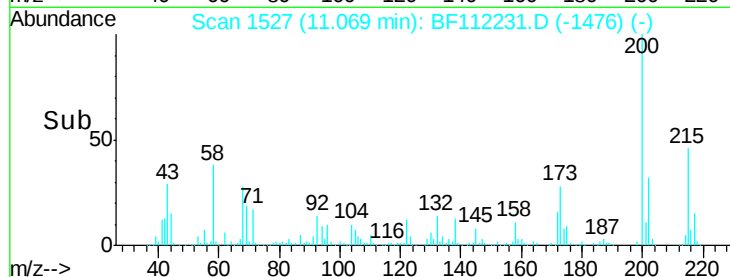
215 46.4 30.4 70.4



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: 35.61 ng

RT: 11.19 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

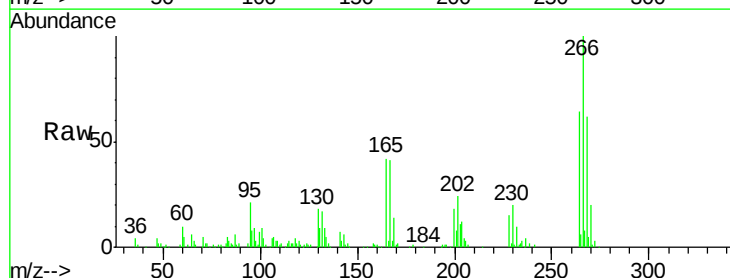
Tgt Ion:266 Resp: 121065

Ion Ratio Lower Upper

266 100

268 62.1 51.2 76.8

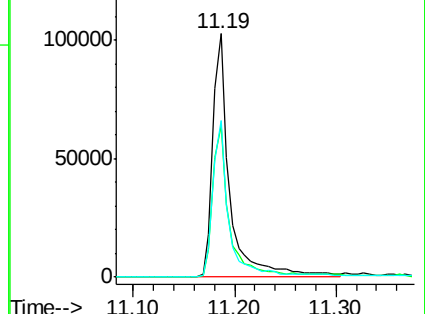
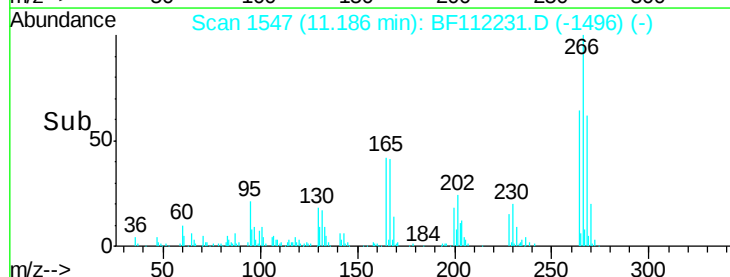
264 64.2 50.9 76.3

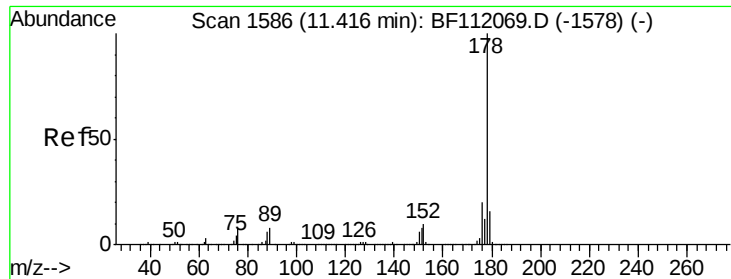


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

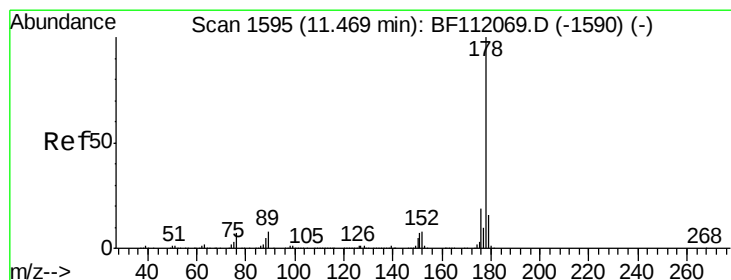
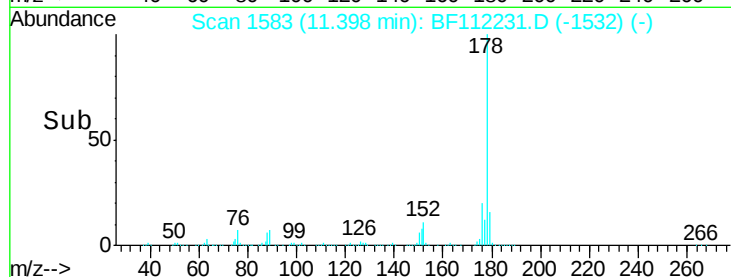
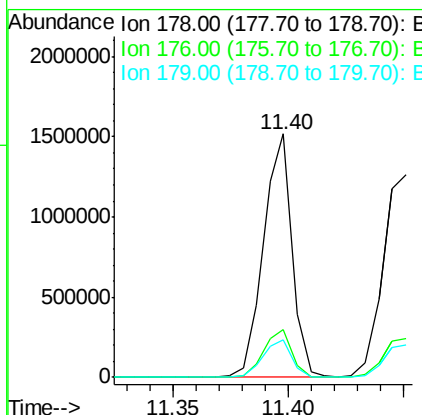
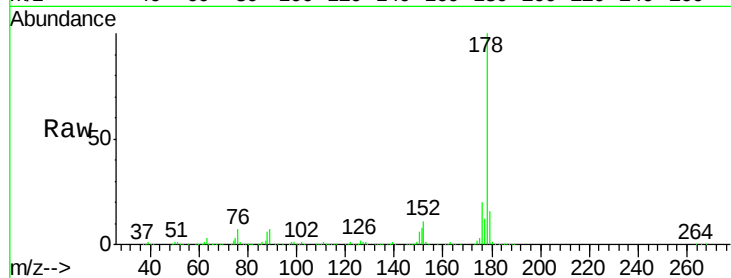




#71
Phenanthrene
Concen: 39.54 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

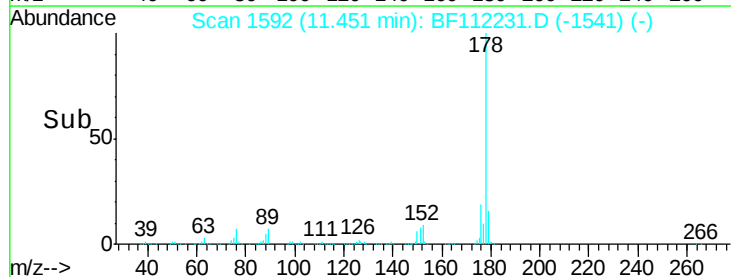
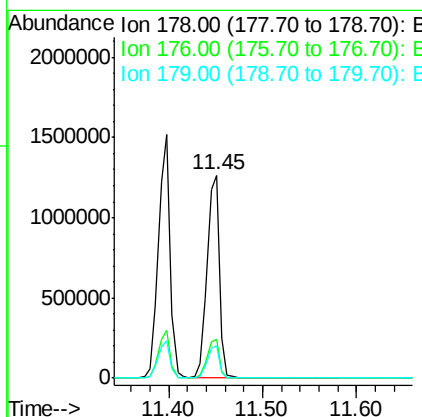
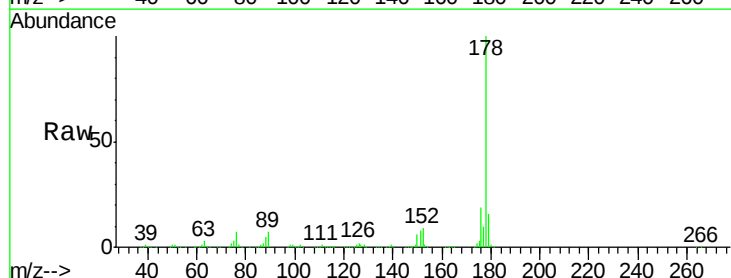
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

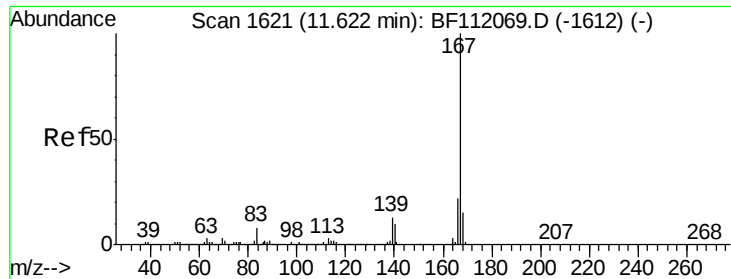
Tot Ion:178 Resp: 1307456
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 15.5 13.0 19.4



#72
Anthracene
Concen: 35.24 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Tgt Ion:178 Resp: 1180168
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.7 12.8 19.2



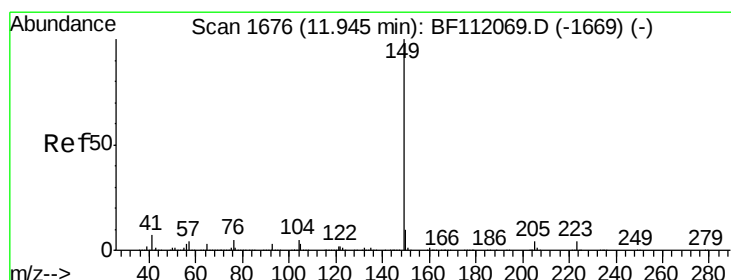
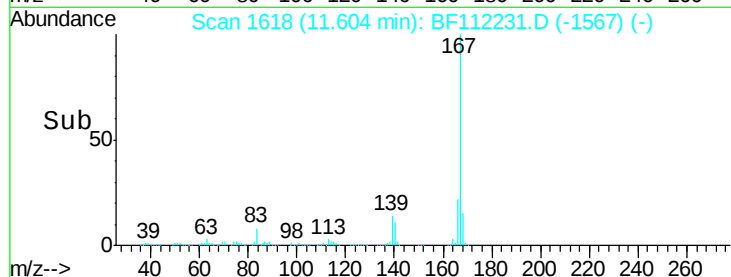
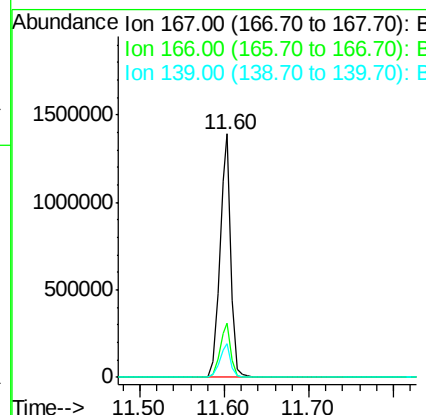
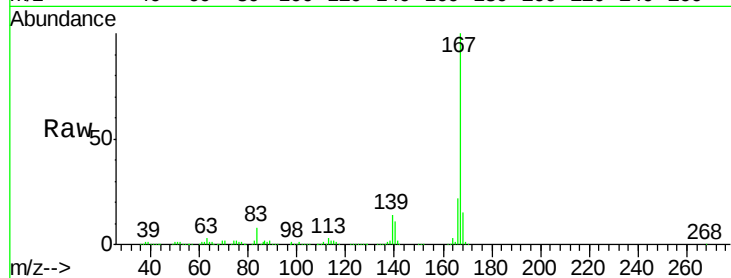


#73
 Carbazole
 Concen: 38.22 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:167 Resp: 1282235

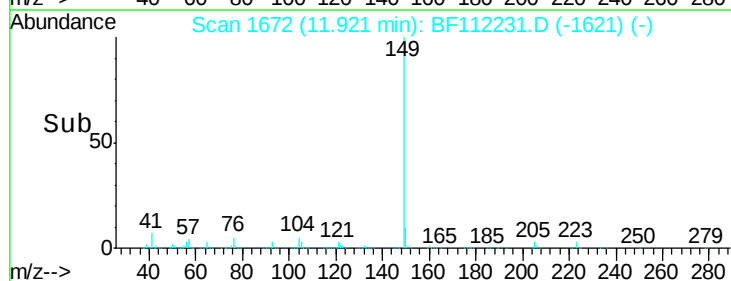
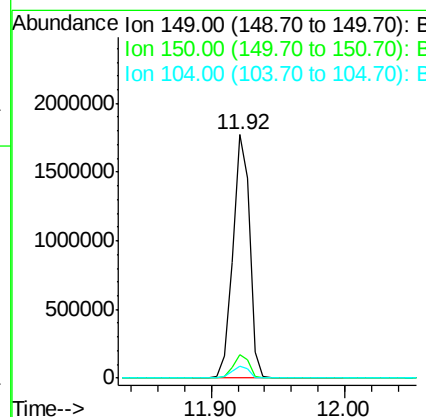
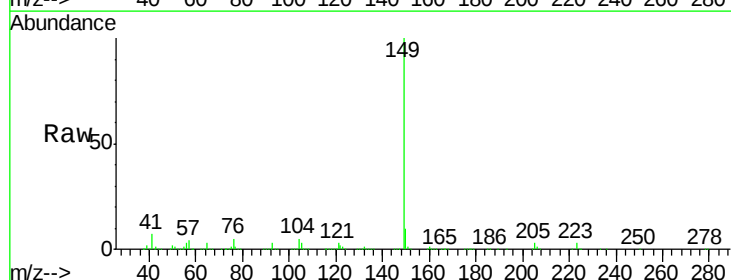
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	14.0	10.2	15.2

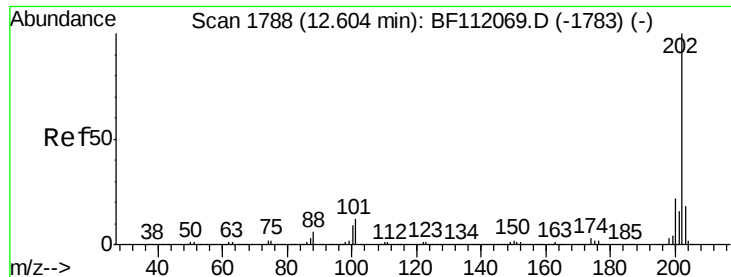


#74
 Di-n-butylphthalate
 Concen: 41.65 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

Tgt Ion:149 Resp: 1572047

Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	5.1	3.9	5.9

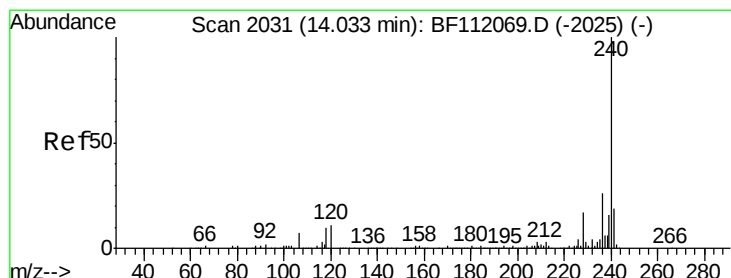
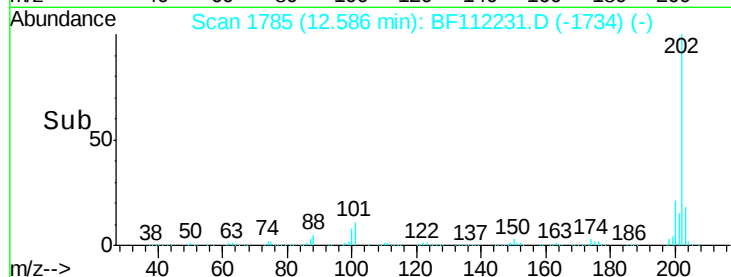
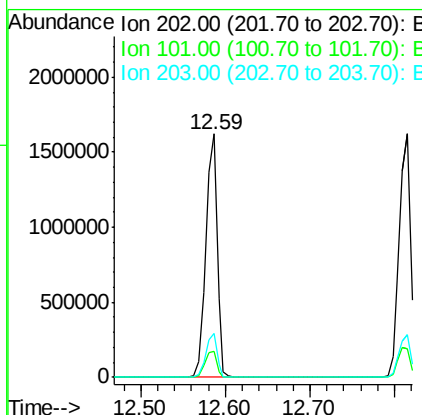
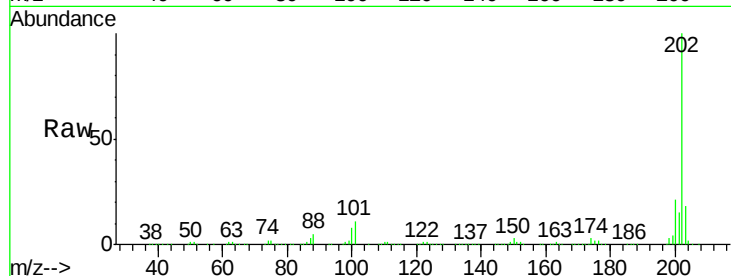




#75
 Fluoranthene
 Concen: 43.00 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

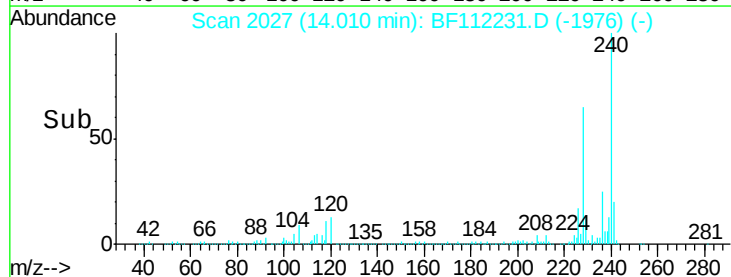
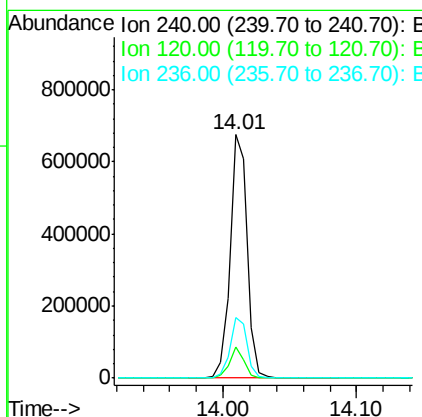
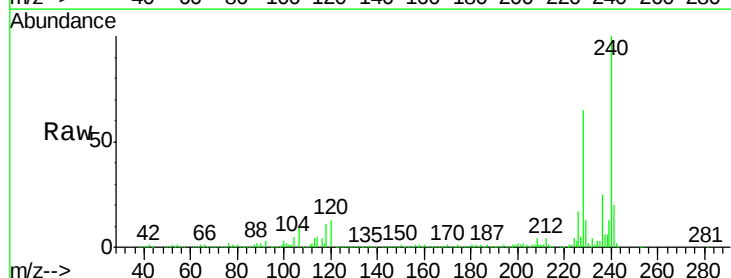
Instrument :
 BNA_F
 ClientSampleId :
 SSTD1CCC040

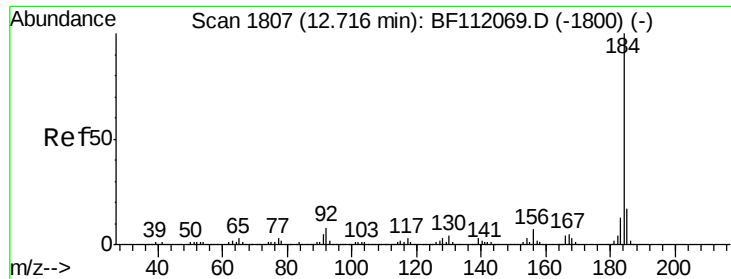
Tot Ion:202 Resp: 1501230
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 31.8
 203 17.8 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

Tgt Ion:240 Resp: 606196
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.0 13.6
 236 25.0 20.7 31.1





#77

Benzidine

Concen: 33.84 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

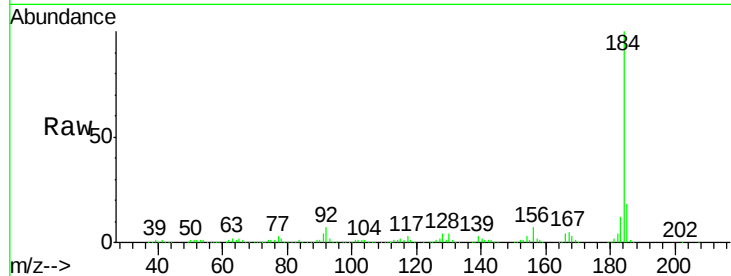
Tot Ion:184 Resp: 684454

Ion Ratio Lower Upper

184 100

185 17.6 13.9 20.9

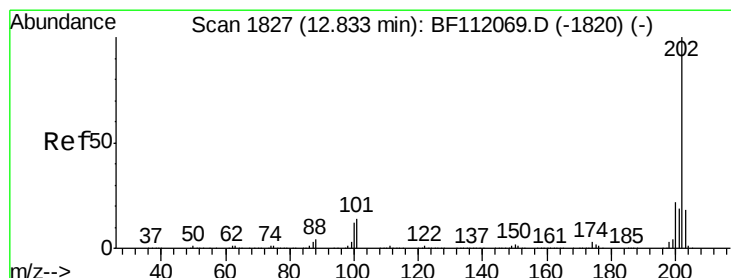
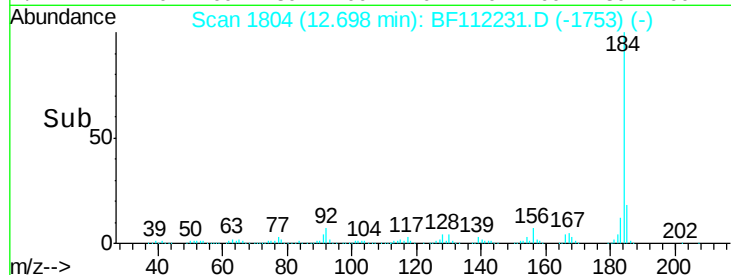
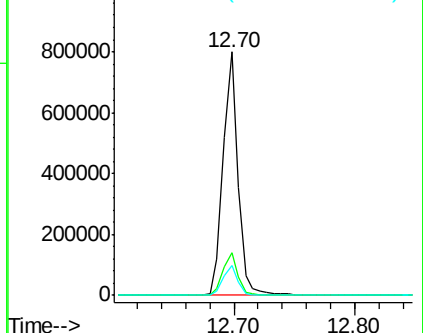
183 12.3 10.0 15.0



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: 38.67 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

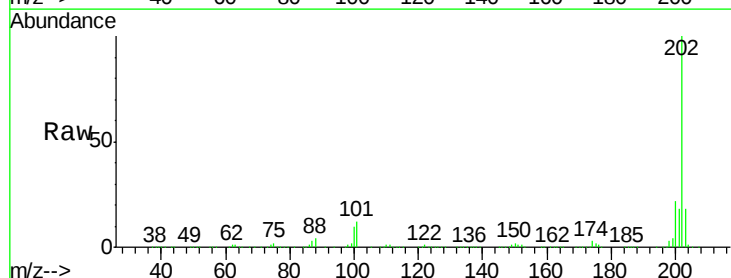
Tgt Ion:202 Resp: 1546565

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

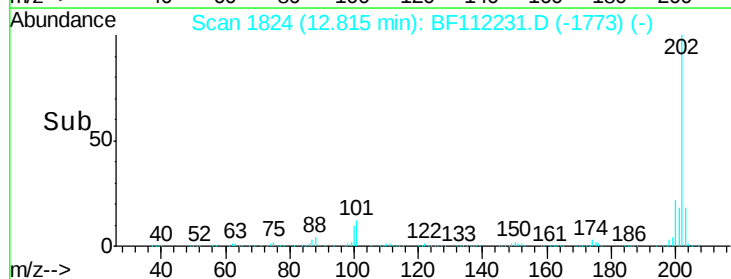
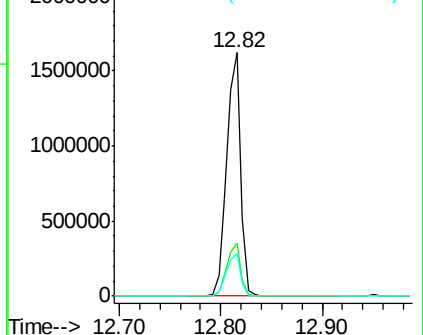
203 17.7 14.6 22.0

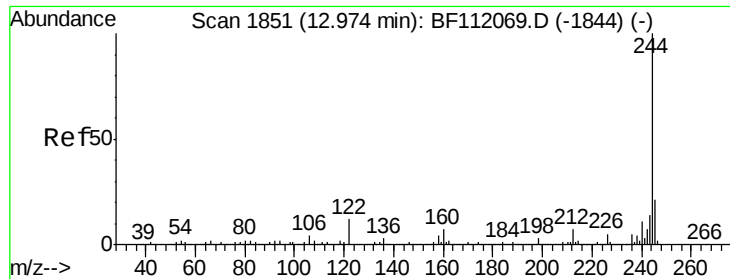


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

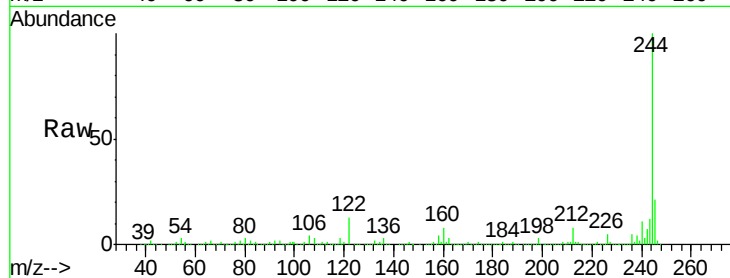




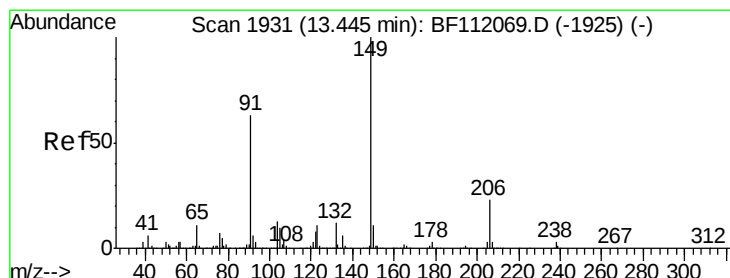
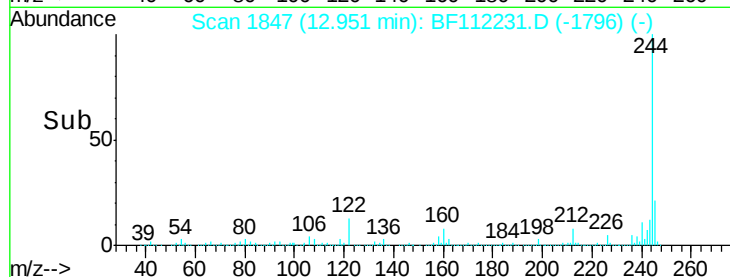
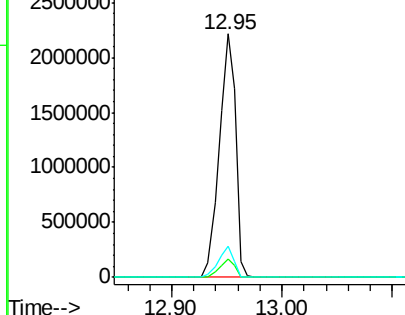
#79
 Terphenyl-d14
 Concen: 80.17 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:244 Resp: 2284450
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 12.7 9.8 14.6

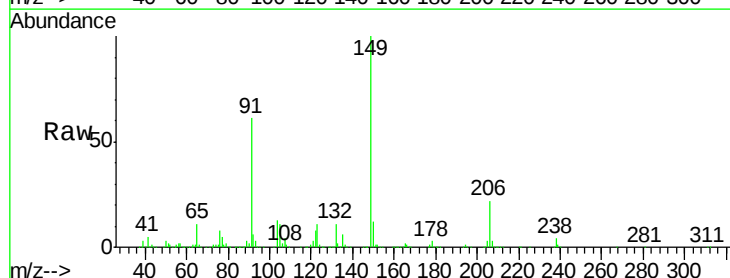


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

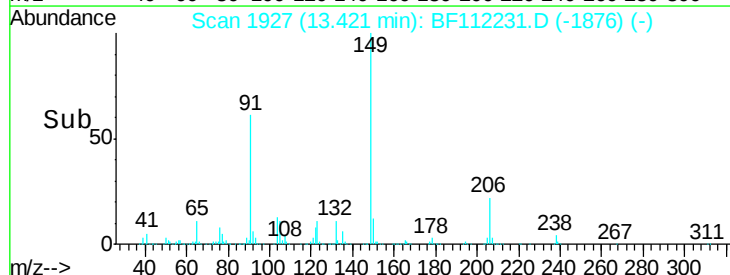
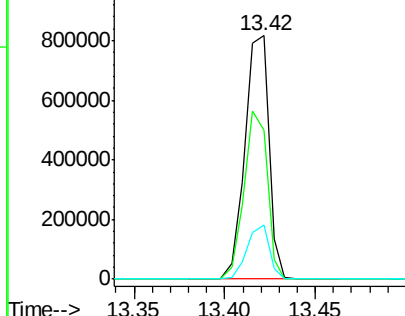


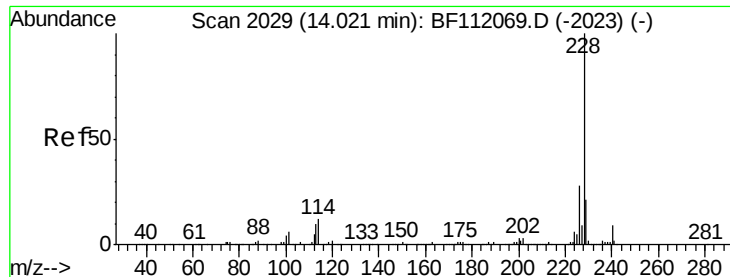
#80
 Butylbenzylphthalate
 Concen: 42.93 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

Tgt Ion:149 Resp: 753184
 Ion Ratio Lower Upper
 149 100
 91 61.0 50.3 75.5
 206 22.1 18.2 27.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.86 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

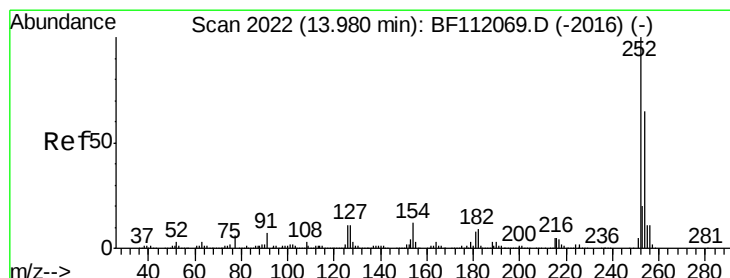
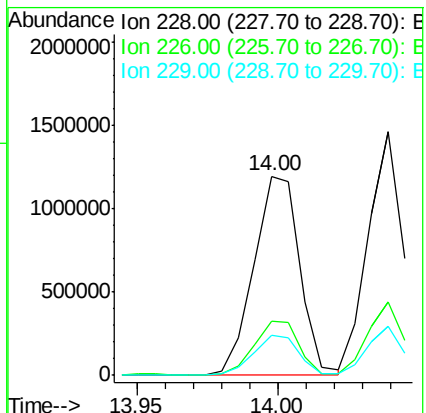
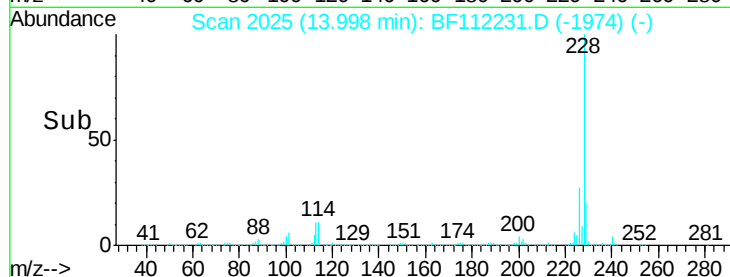
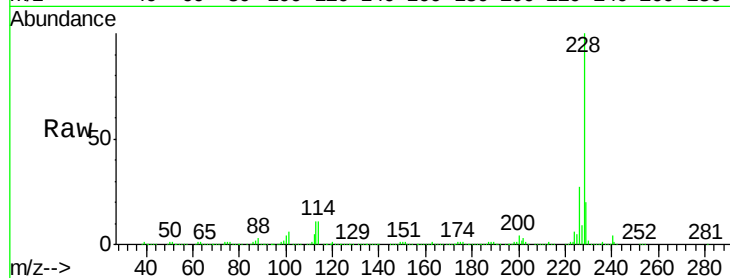
BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 1350554

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	34.0
229	19.9	16.5	24.7



#82

3,3'-Dichlorobenzidine

Concen: 38.78 ng

RT: 13.96 min Scan# 2018

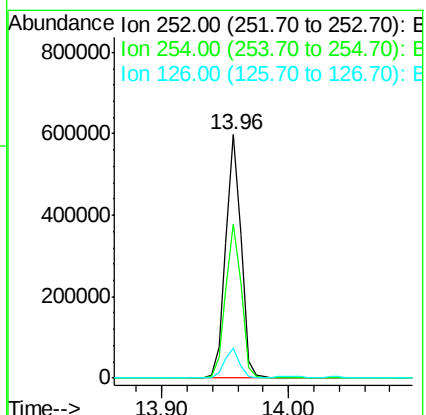
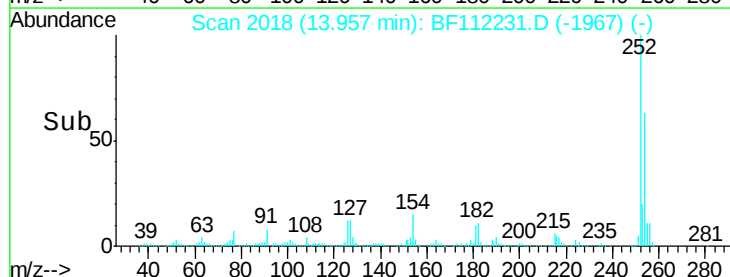
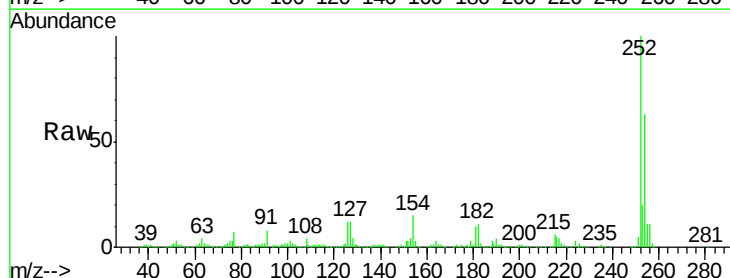
Delta R.T. 0.00 min

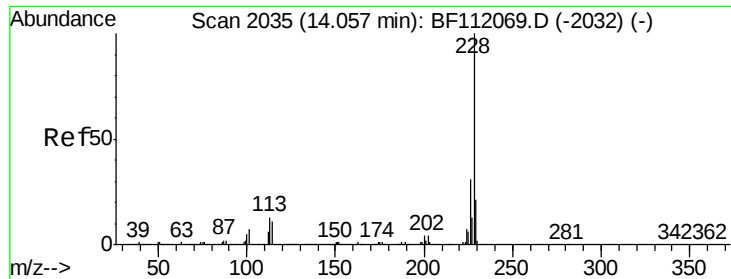
Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Tgt Ion:252 Resp: 504739

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.6	77.4
126	12.3	8.6	12.8

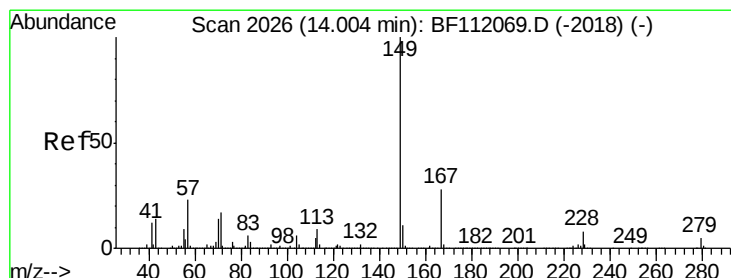
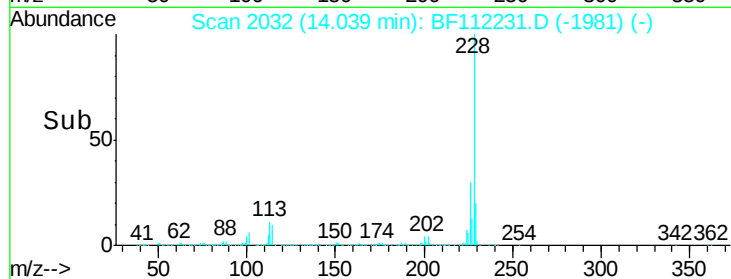
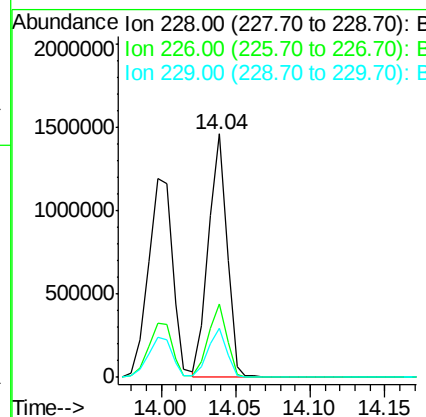
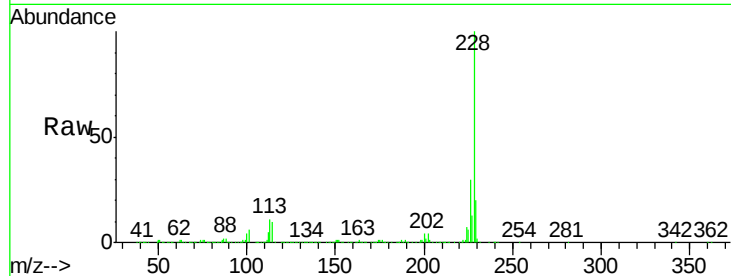




#83
 Chrvsene
 Concen: 37.94 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

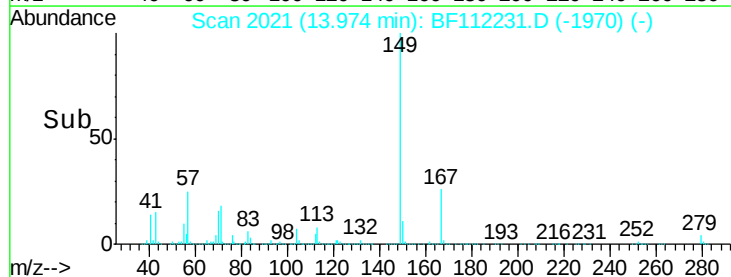
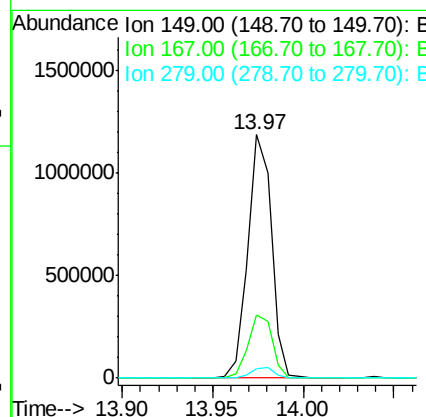
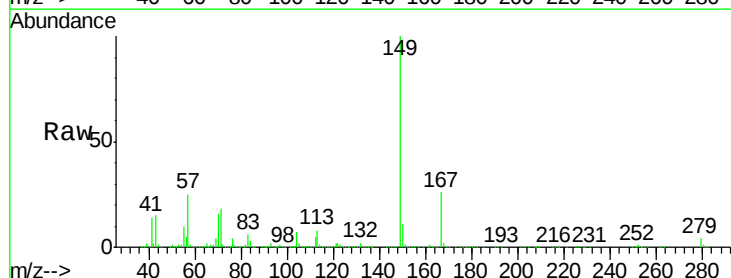
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

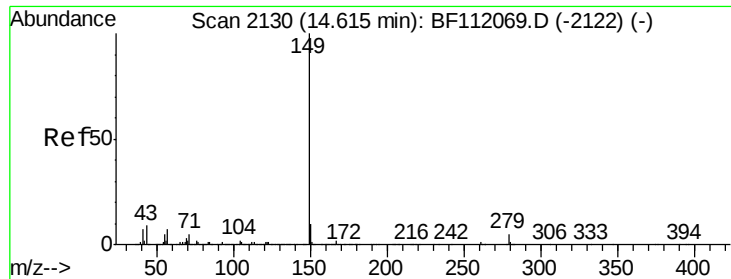
Tot Ion:228 Resp: 1247626
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.6
 229 20.2 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.77 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

Tgt Ion:149 Resp: 1075436
 Ion Ratio Lower Upper
 149 100
 167 26.2 22.5 33.7
 279 3.9 3.8 5.6



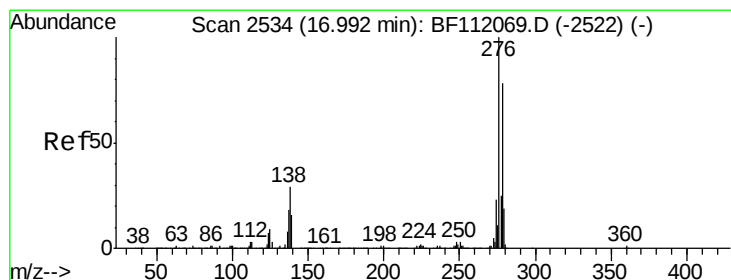
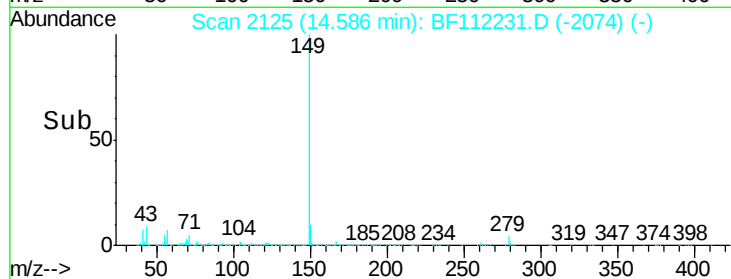
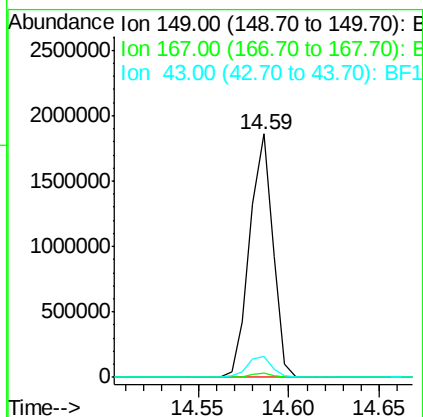
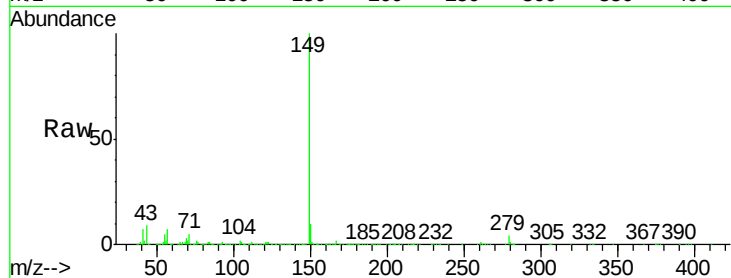


#85
 Di-n-octyl phthalate
 Concen: 42.82 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:149 Resp: 1658892

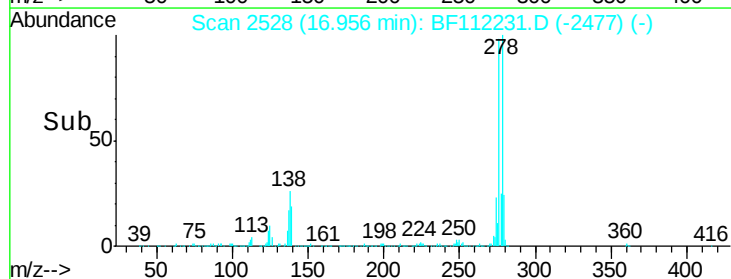
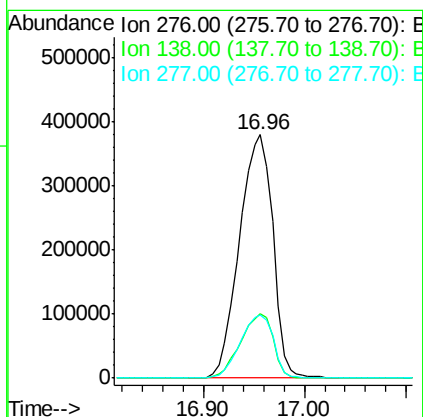
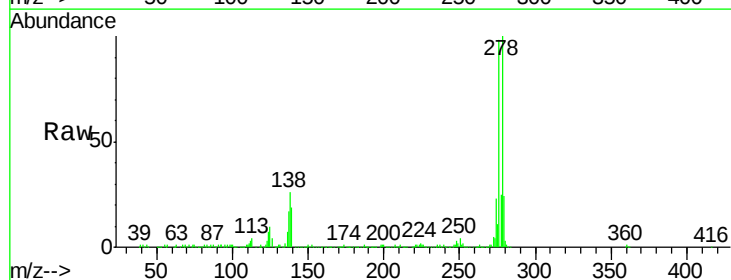
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.8	11.6

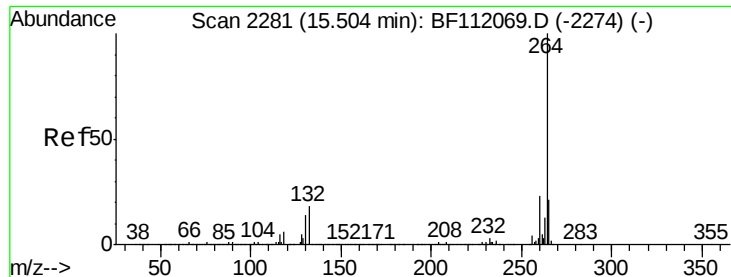


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 28.65 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BF112231.D
 Acq: 25 Jan 2019 14:16

Tgt Ion:276 Resp: 869207

Ion	Ratio	Lower	Upper
276	100		
138	25.9	22.6	34.0
277	25.9	20.3	30.5





#87

Pervlene-d12

Concen: 20.00 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

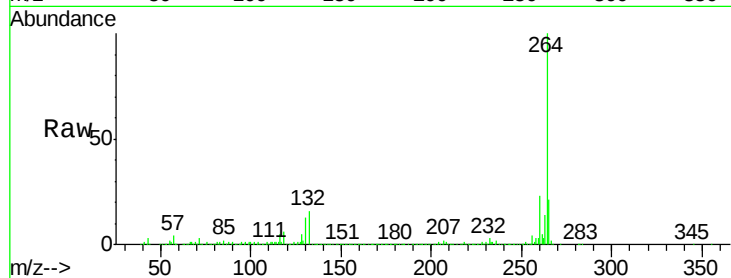
Tot Ion:264 Resp: 487284

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.2

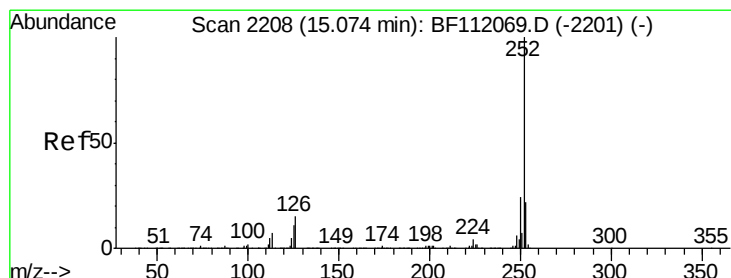
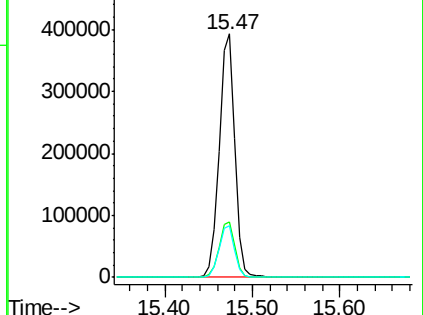
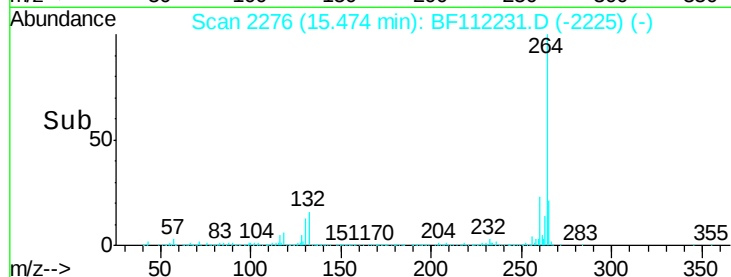
265 21.1 17.0 25.4



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: 41.29 ng

RT: 15.05 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

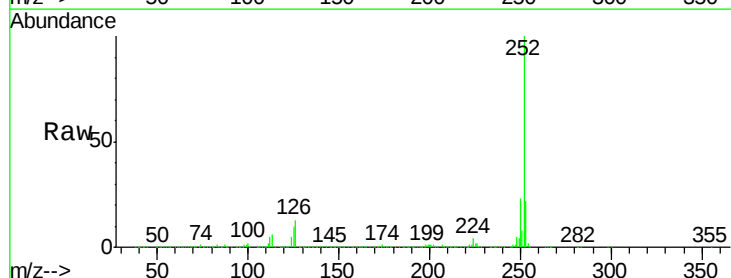
Tgt Ion:252 Resp: 1142084

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

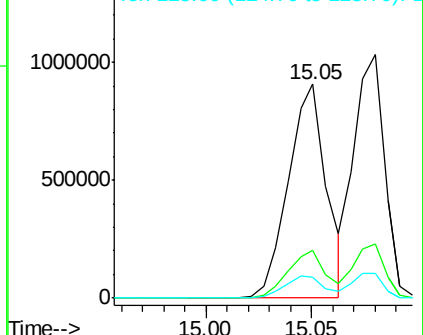
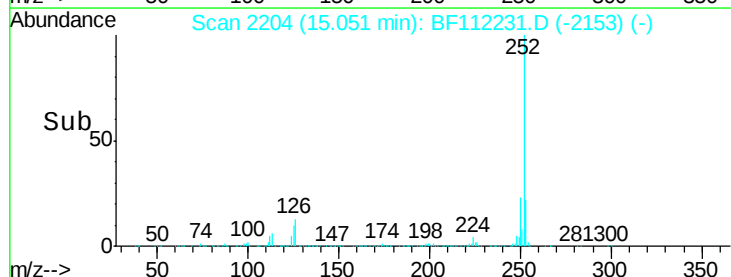
125 9.8 8.7 13.1

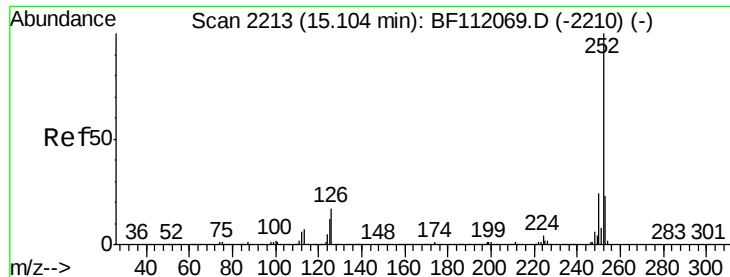


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

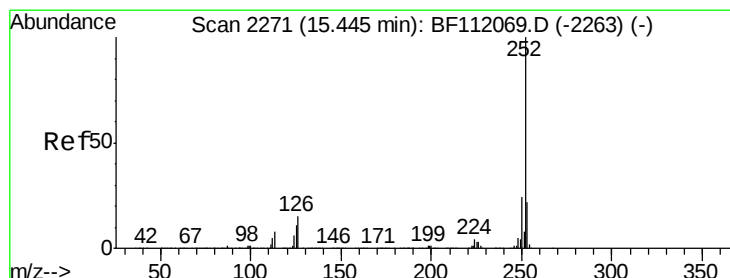
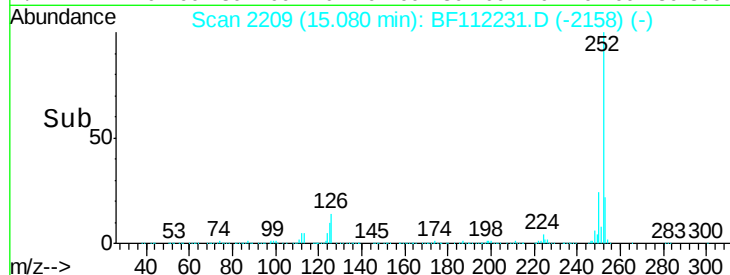
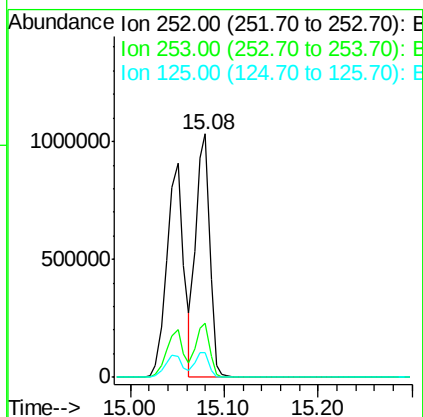
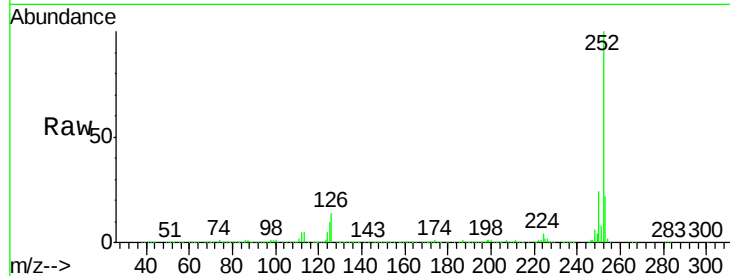




#89
Benzo(k)fluoranthene
Concen: 39.53 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

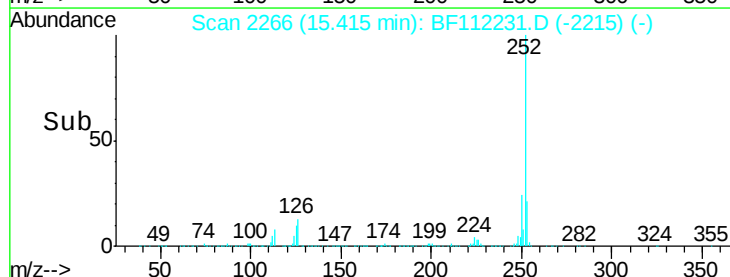
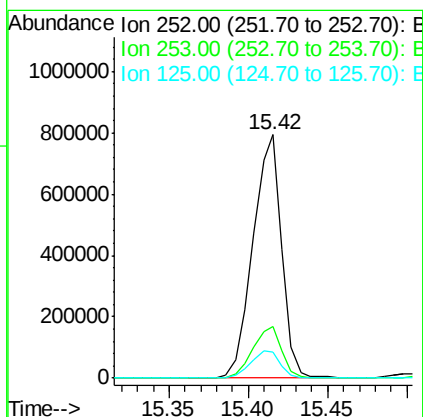
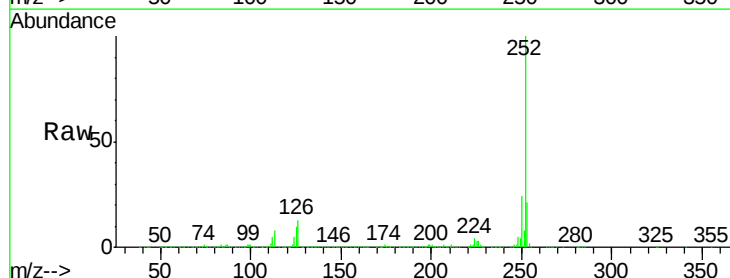
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

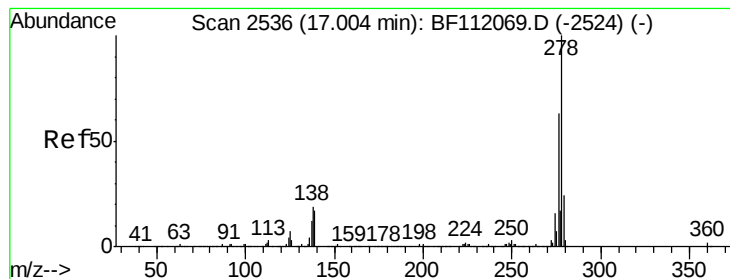
Tot Ion:252 Resp: 1058265
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.0 9.1 13.7



#90
Benzo(a)pyrene
Concen: 39.43 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112231.D
Acq: 25 Jan 2019 14:16

Tgt Ion:252 Resp: 1000234
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 10.4 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 32.30 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

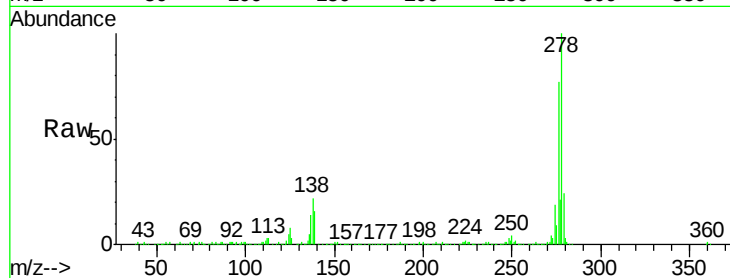
Tot Ion:278 Resp: 727706

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.7	20.5
279	24.0	19.0	28.6

278 100

139 16.1 13.7 20.5

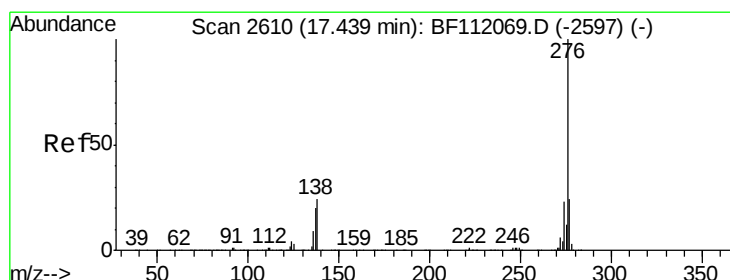
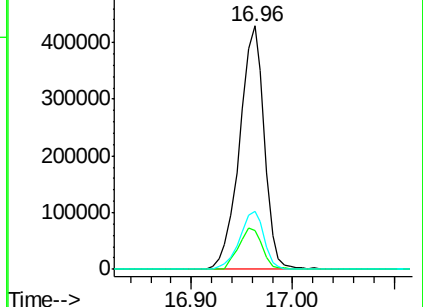
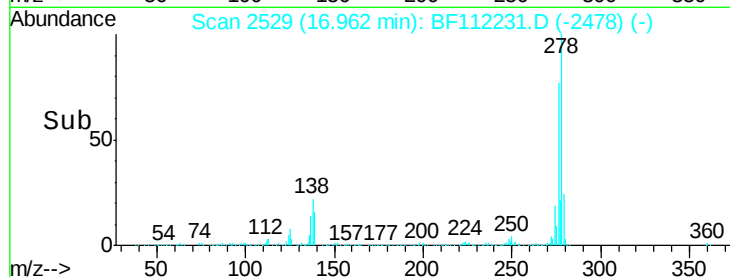
279 24.0 19.0 28.6



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: 28.38 ng

RT: 17.40 min Scan# 2603

Delta R.T. 0.00 min

Lab File: BF112231.D

Acq: 25 Jan 2019 14:16

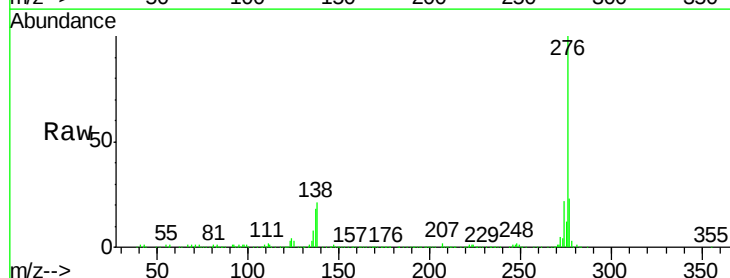
Tgt Ion:276 Resp: 629866

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.0
138	21.1	19.1	28.7

276 100

277 23.3 19.4 29.0

138 21.1 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

