

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
 Data File : BF112246.D
 Acq On : 25 Jan 2019 21:50
 Operator : JU/SJ
 Sample : K1238-31MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4MS

Quant Time: Jan 27 23:40:44 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 16:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	175997	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	688755	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	329750	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	592378	20.00	ng	0.00
76) Chrysene-d12	14.00	240	340384	20.00	ng	-0.01
87) Perylene-d12	15.46	264	351187	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1186453	143.19	ng	0.00
7) Phenol-d6	6.49	99	1487688	129.21	ng	-0.02
23) Nitrobenzene-d5	7.41	82	939500	78.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	452129	117.80	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1679973	72.06	ng	-0.01
79) Terphenyl-d14	12.95	244	1465881	81.11	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	161996	49.079	ng	97
3) Pyridine	3.41	79	451738	53.802	ng	98
4) n-Nitrosodimethylamine	3.36	42	224081	63.523	ng	97
6) Aniline	6.51	93	408442	29.821	ng	# 26
8) 2-Chlorophenol	6.64	128	492494	44.183	ng	97
9) Benzaldehyde	6.39	77	92356	15.347	ng	95
10) Phenol	6.51	94	644407	51.015	ng	89
11) bis(2-Chloroethyl)ether	6.58	93	425096	42.746	ng	96
12) 1,3-Dichlorobenzene	6.79	146	521045	40.138	ng	99
13) 1,4-Dichlorobenzene	6.86	146	531094	39.753	ng	100
14) 1,2-Dichlorobenzene	7.02	146	501720	40.110	ng	98
15) Benzyl Alcohol	6.99	79	408460	42.085	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	518728	40.625	ng	69
17) 2-Methylphenol	7.10	107	384919	43.562	ng	94
18) Hexachloroethane	7.35	117	188789	40.241	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	326666	41.146	ng	96
20) 3+4-Methylphenols	7.26	107	491372	43.487	ng	# 88
22) Acetophenone	7.25	105	644710	38.441	ng	97
24) Nitrobenzene	7.43	77	486944	40.789	ng	95
25) Isophorone	7.66	82	871015	46.448	ng	99
26) 2-Nitrophenol	7.74	139	265298	41.584	ng	92
27) 2,4-Dimethylphenol	7.79	122	425303	48.385	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	549744	43.054	ng	99
29) 2,4-Dichlorophenol	7.99	162	422782	42.981	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	452210	39.994	ng	99
31) Naphthalene	8.15	128	1395211	43.317	ng	99
32) Benzoic acid	7.88	122	26916	5.368	ng	91
33) 4-Chloroaniline	8.19	127	264686	18.873	ng	97
34) Hexachlorobutadiene	8.26	225	252359	38.034	ng	99
35) Caprolactam	8.60	113	50774	14.632	ng	94
36) 4-Chloro-3-methylphenol	8.69	107	427735	41.076	ng	98
37) 2-Methylnaphthalene	8.84	142	977947	44.352	ng	97
38) 1-Methylnaphthalene	8.94	142	921320	43.594	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	439804	40.622	ng	99

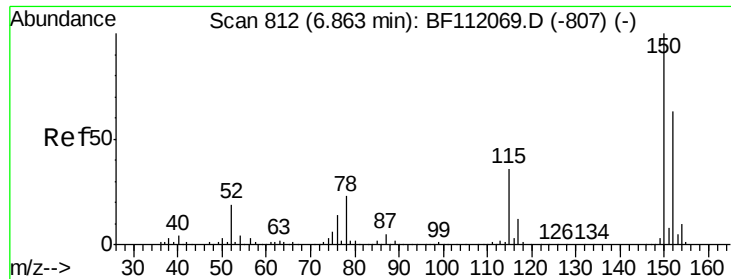
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	224367	57.688	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	286138	42.875	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	301437	43.217	ng	95
46) 1,1'-Biphenyl	9.30	154	1174440	40.740	ng	98
47) 2-Chloronaphthalene	9.33	162	905403	40.501	ng	96
48) 2-Nitroaniline	9.43	65	253575	41.617	ng	99
49) Acenaphthylene	9.75	152	1430240	43.650	ng	99
50) Dimethylphthalate	9.60	163	1241007	48.439	ng	99
51) 2,6-Dinitrotoluene	9.67	165	244027	42.529	ng	99
52) Acenaphthene	9.92	154	826159	42.208	ng	99
53) 3-Nitroaniline	9.83	138	176987	28.472	ng	88
54) 2,4-Dinitrophenol	9.95	184	54519	29.607	ng	96
55) Dibenzofuran	10.09	168	1239610	41.443	ng	94
56) 4-Nitrophenol	10.02	139	273122	83.105	ng	90
57) 2,4-Dinitrotoluene	10.07	165	316432	43.319	ng	92
58) Fluorene	10.43	166	975987	43.603	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.17	232	204863	39.186	ng	97
60) Diethylphthalate	10.30	149	1054578	41.478	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	481276	39.527	ng	91
62) 4-Nitroaniline	10.45	138	223969	36.733	ng	95
63) Azobenzene	10.58	77	905821	40.510	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	95051	28.619	ng	93
66) n-Nitrosodiphenylamine	10.54	169	869478	43.551	ng	100
67) 4-Bromophenyl-phenylether	10.91	248	291583	41.851	ng	94
68) Hexachlorobenzene	10.99	284	309717	41.434	ng	96
69) Atrazine	11.06	200	282954	43.923	ng	97
70) Pentachlorophenol	11.18	266	227810	78.324	ng	99
71) Phenanthrene	11.39	178	1334631	43.337	ng	99
72) Anthracene	11.45	178	1371359	44.702	ng	99
73) Carbazole	11.60	167	1151873	38.065	ng	99
74) Di-n-butylphthalate	11.92	149	1524942	40.599	ng	99
75) Fluoranthene	12.58	202	1221417	36.977	ng	98
77) Benzidine	12.69	184	426903	45.568	ng	96
78) Pyrene	12.81	202	1165664	49.463	ng	99
80) Butylbenzylphthalate	13.42	149	522446	45.821	ng	99
81) Benzo(a)anthracene	13.99	228	867823	43.370	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	221067	29.521	ng	100
83) Chrysene	14.03	228	819313	42.896	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	697803	43.115	ng	98
85) Di-n-octyl phthalate	14.58	149	1028098	41.288	ng	97
86) Indeno(1,2,3-cd)pyrene	16.95	276	966652	63.870	ng	97
88) Benzo(b)fluoranthene	15.04	252	874630	41.644	ng	99
89) Benzo(k)fluoranthene	15.07	252	796634	39.599	ng	99
90) Benzo(a)pyrene	15.41	252	829157	43.875	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	812352	53.336	ng	99
92) Benzo(g,h,i)perylene	17.39	276	787911	54.832	ng	98

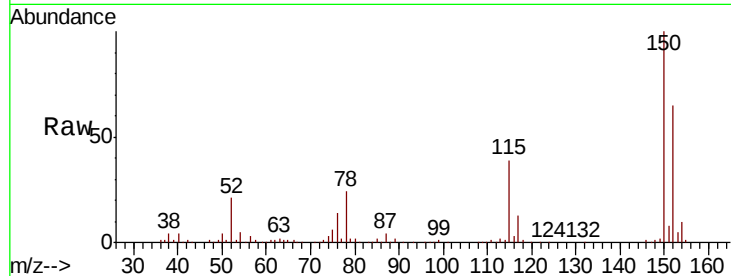
(#) = qualifier out of range (m) = manual integration (+) = signals summed



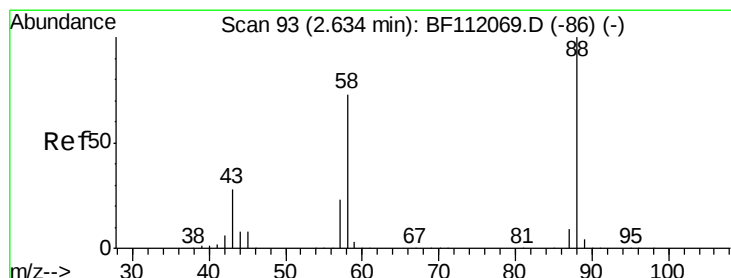
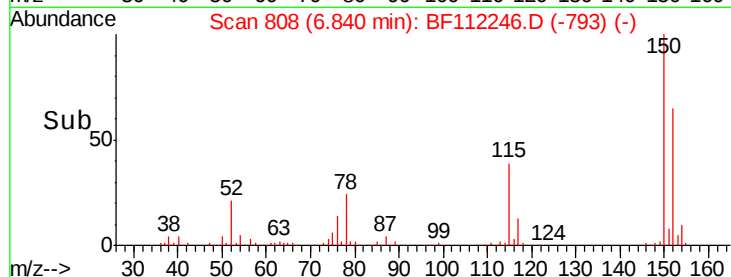
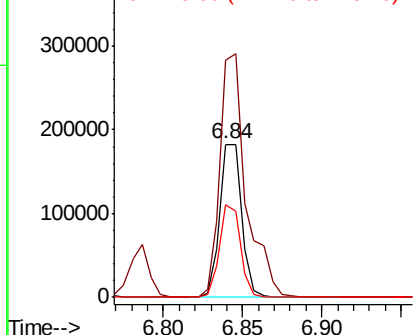
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF112246.D
 Acq: 25 Jan 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 S4MS

Tgt Ion:152 Resp: 175997
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.4 191.0
 115 60.4 45.5 68.3

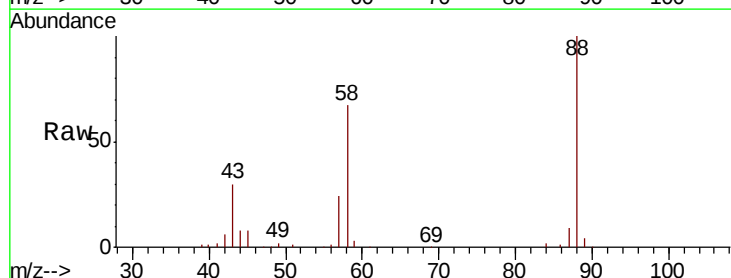


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

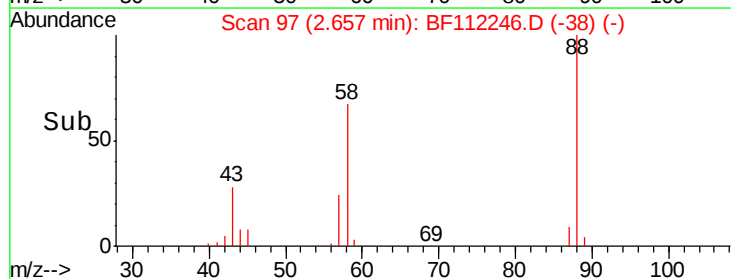
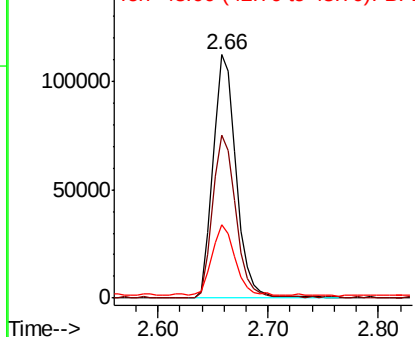


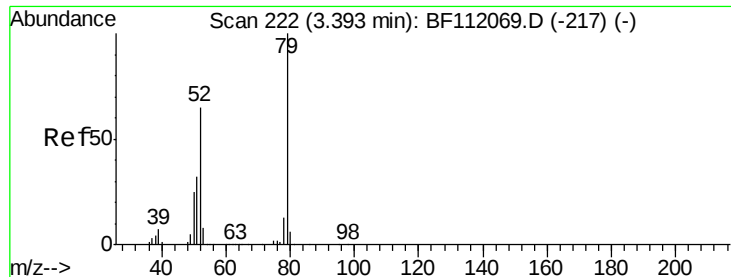
#2
 1,4-Dioxane
 Concen: 49.079 ng
 RT: 2.66 min Scan# 97
 Delta R.T. 0.05 min
 Lab File: BF112246.D
 Acq: 25 Jan 2019 21:50

Tgt Ion: 88 Resp: 161996
 Ion Ratio Lower Upper
 88 100
 58 68.3 57.4 86.2
 43 28.6 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

Pyridine

Concen: 53.802 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.04 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampleId :

S4MS

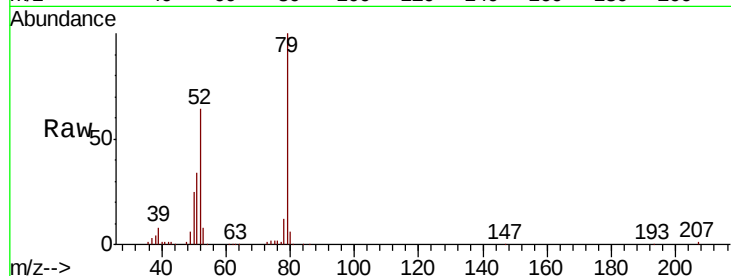
Tgt Ion: 79 Resp: 451738

Ion Ratio Lower Upper

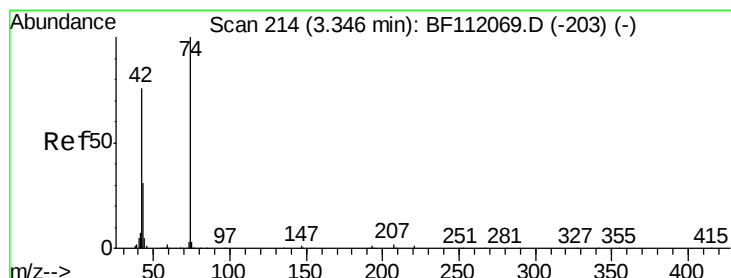
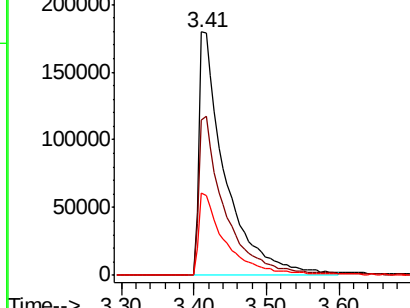
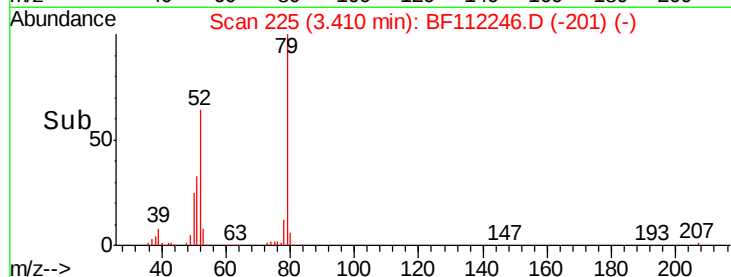
79 100

52 64.0 52.4 78.6

51 33.7 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 63.523 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.02 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

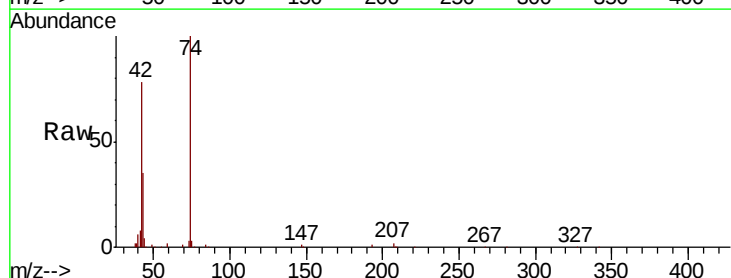
Tgt Ion: 42 Resp: 224081

Ion Ratio Lower Upper

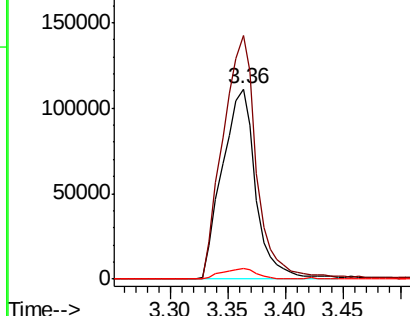
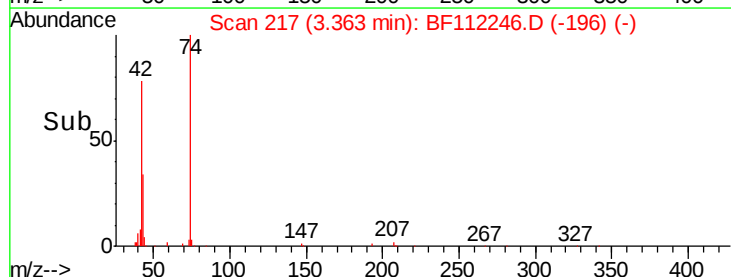
42 100

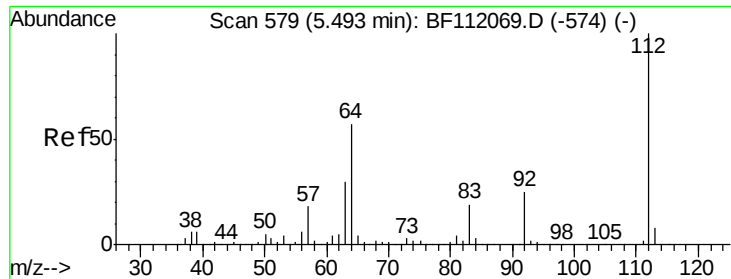
74 128.2 105.6 158.4

44 5.8 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 143.190 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampleId :

S4MS

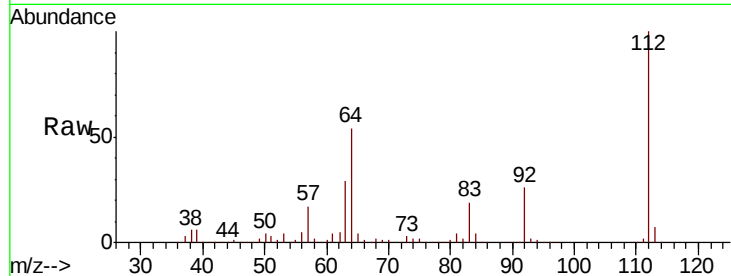
Tgt Ion:112 Resp: 1186453

Ion Ratio Lower Upper

112 100

64 53.9 45.7 68.5

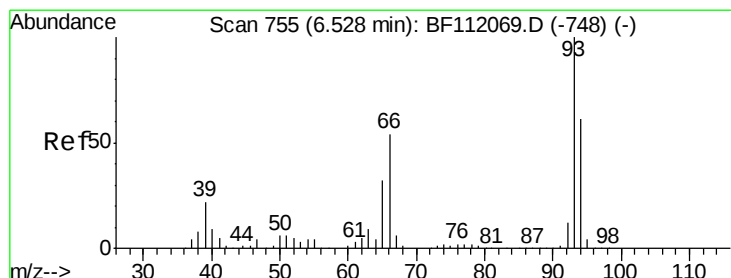
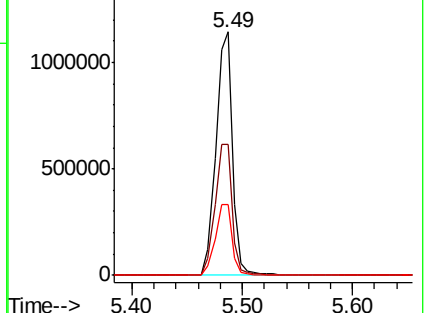
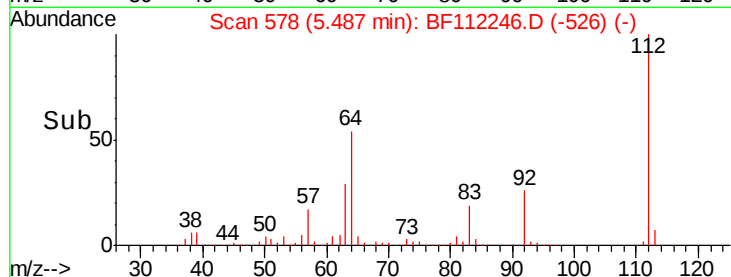
63 29.1 23.6 35.4



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: 29.821 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

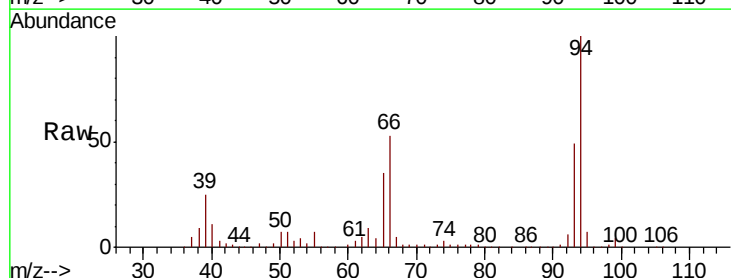
Tgt Ion: 93 Resp: 408442

Ion Ratio Lower Upper

93 100

66 108.9 43.4 65.2#

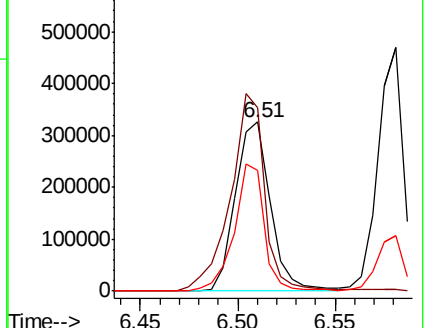
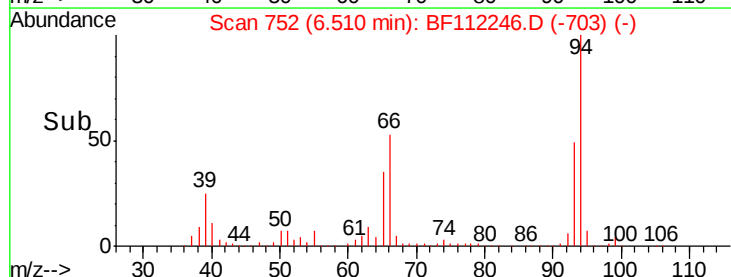
65 71.3 25.3 37.9#

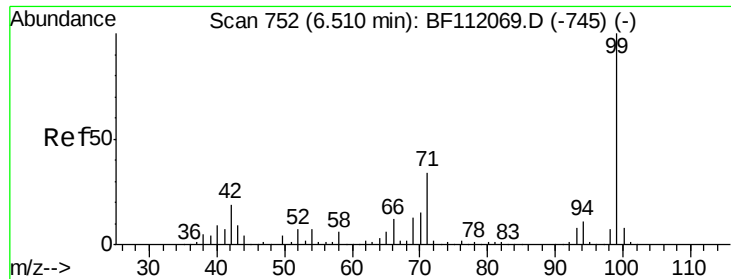


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.211 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

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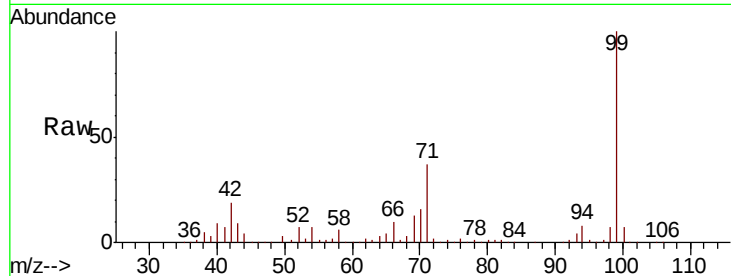
Tgt Ion: 99 Resp: 1487688

Ion Ratio Lower Upper

99 100

42 19.4 15.1 22.7

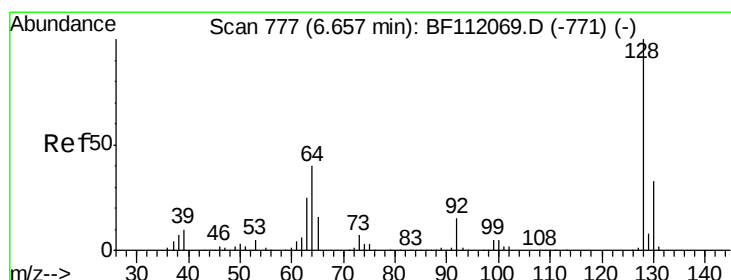
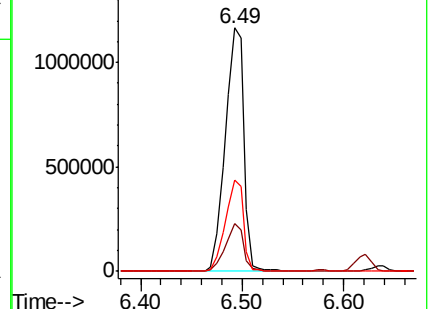
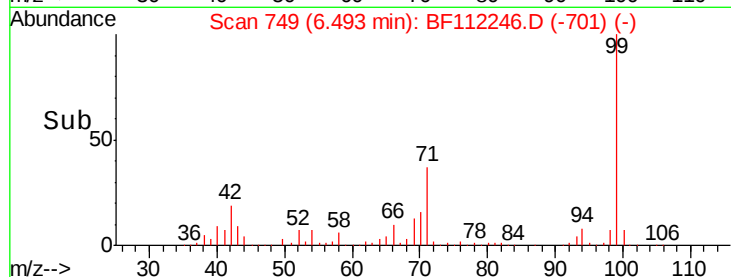
71 37.4 26.9 40.3



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: 44.183 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

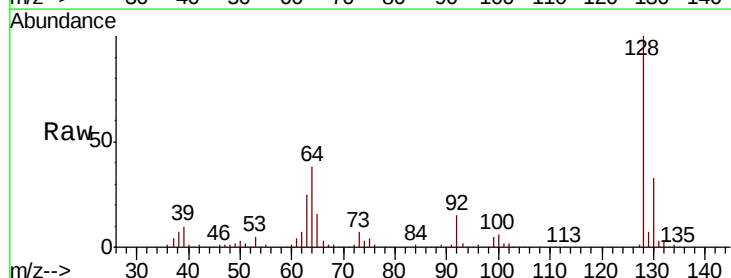
Tgt Ion: 128 Resp: 492494

Ion Ratio Lower Upper

128 100

130 33.0 13.4 53.4

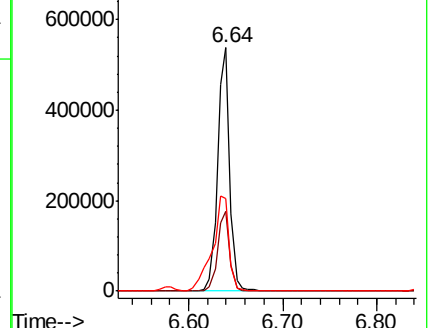
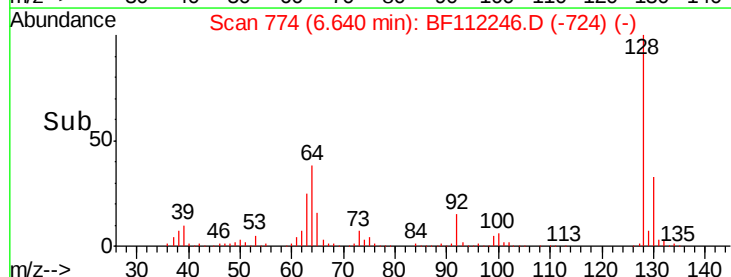
64 38.0 20.5 60.5

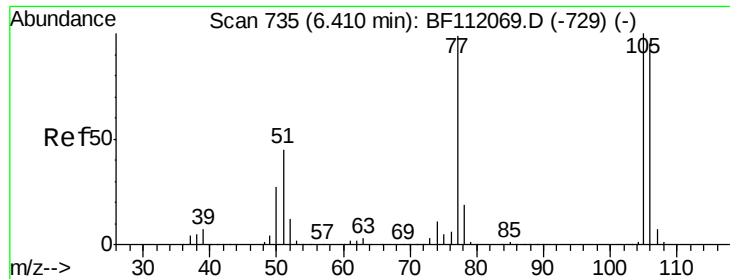


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.347 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

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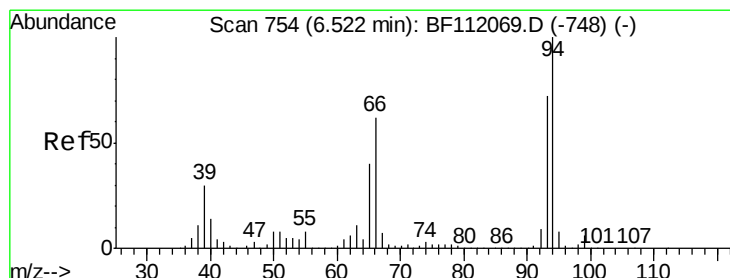
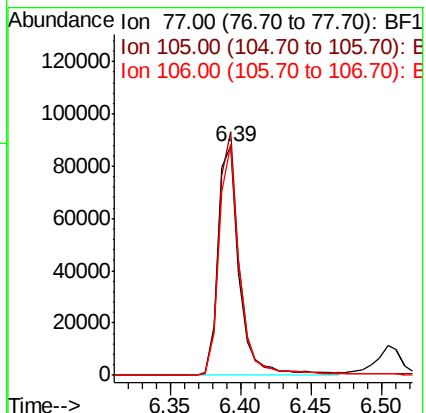
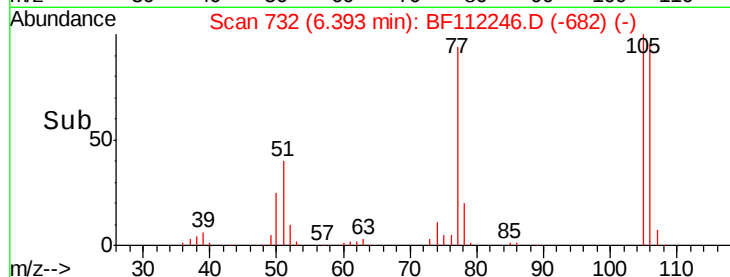
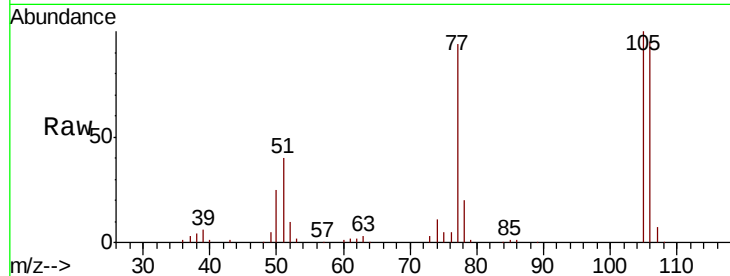
Tgt Ion: 77 Resp: 92356

Ion Ratio Lower Upper

77 100

105 106.1 80.8 120.8

106 100.4 75.7 115.7



#10

Phenol

Concen: 51.015 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

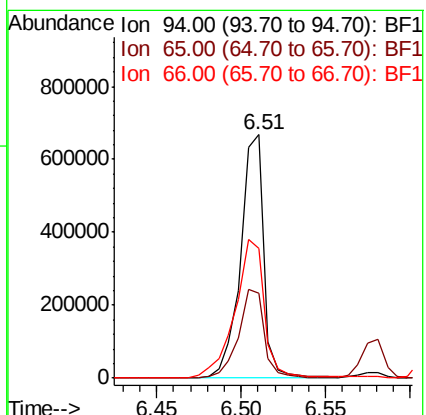
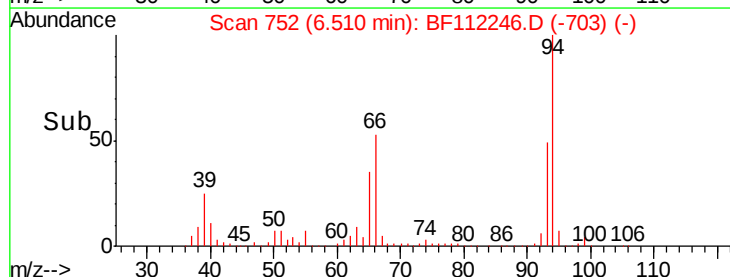
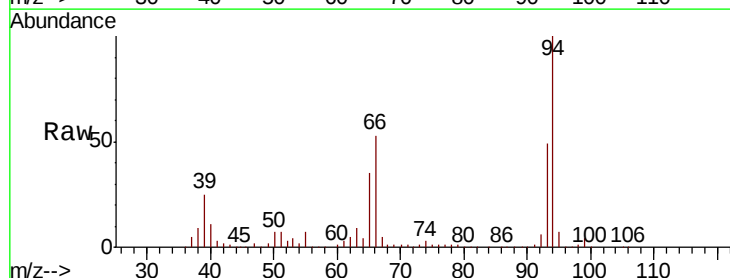
Tgt Ion: 94 Resp: 644407

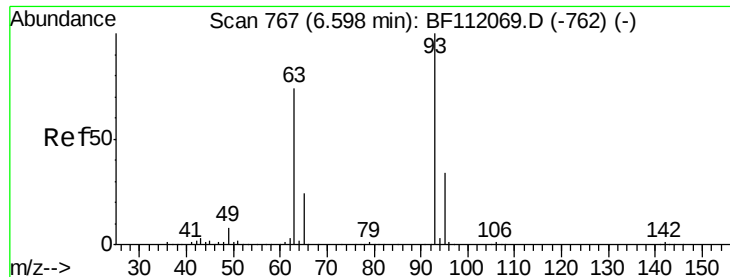
Ion Ratio Lower Upper

94 100

65 34.7 20.3 60.3

66 53.1 42.4 82.4

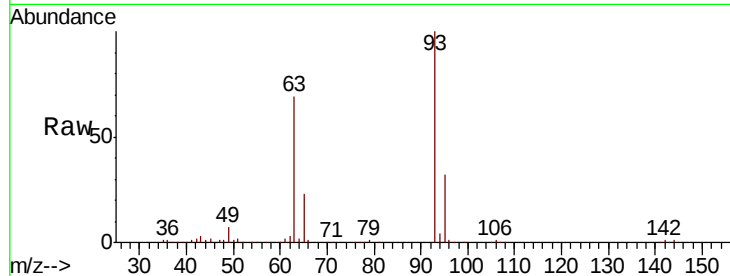




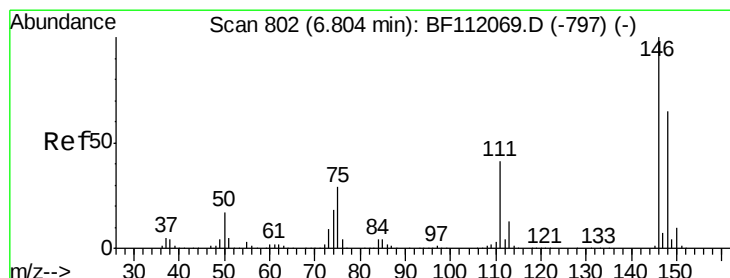
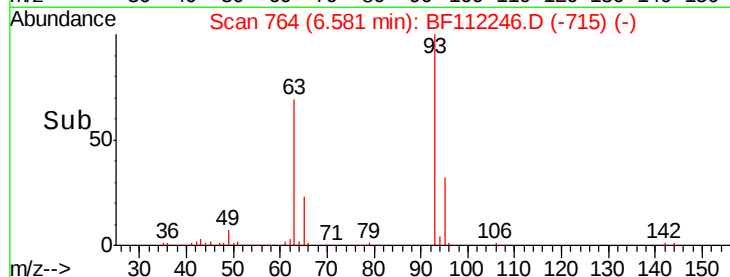
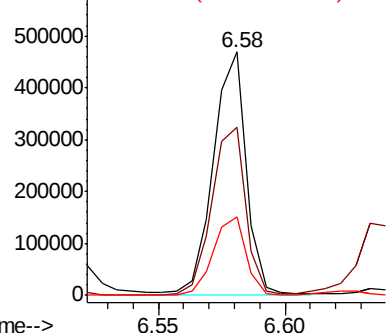
#11
bis(2-Chloroethyl)ether
Concen: 42.746 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Instrument :
BNA_F
ClientSampleId :
S4MS

Tgt Ion:	93	Resp:	425096
Ion	Ratio	Lower	Upper
93	100		
63	68.9	53.3	93.3
95	32.3	13.4	53.4

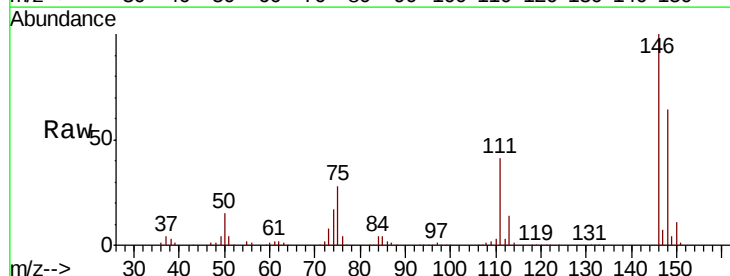


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

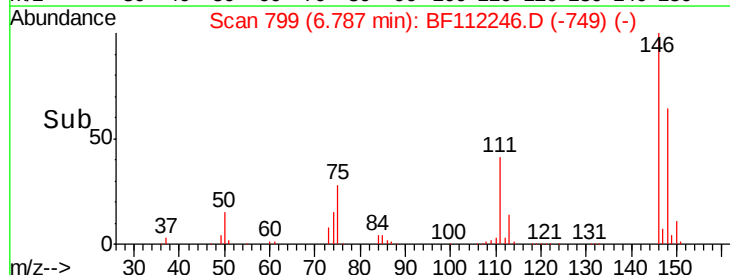
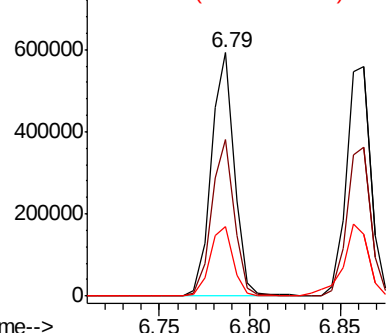


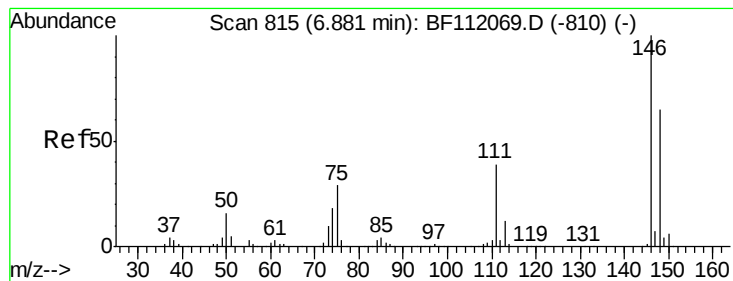
#12
1,3-Dichlorobenzene
Concen: 40.138 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Tgt Ion:	146	Resp:	521045
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	28.4	23.1	34.7



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





#13

1,4-Dichlorobenzene

Concen: 39.753 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampleId :

S4MS

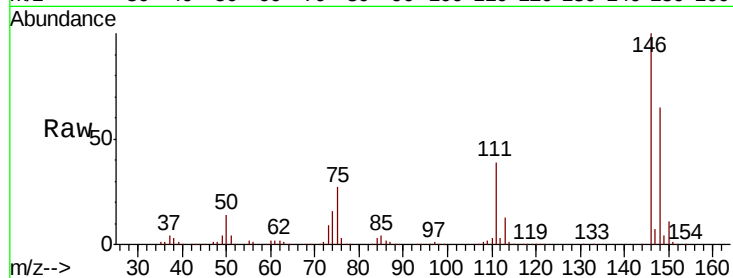
Tgt Ion:146 Resp: 531094

Ion Ratio Lower Upper

146 100

148 64.9 52.0 78.0

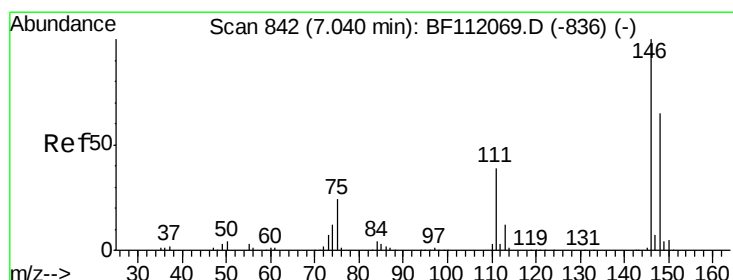
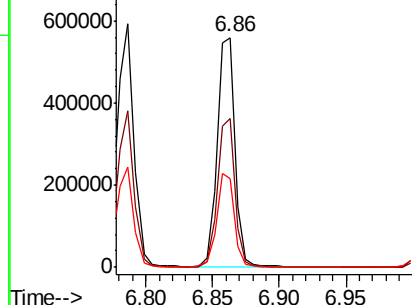
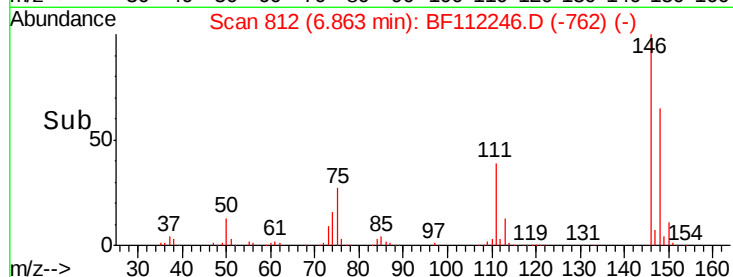
111 38.8 31.2 46.8



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: 40.110 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

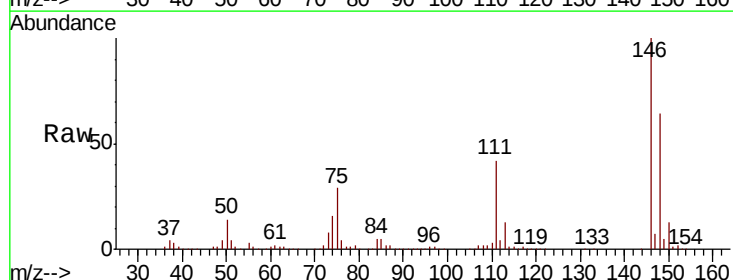
Tgt Ion:146 Resp: 501720

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.4

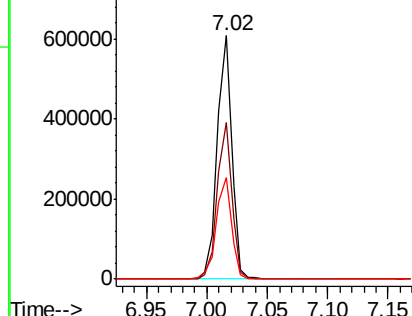
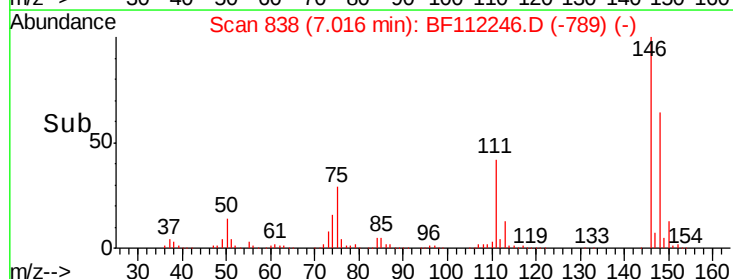
111 41.8 31.2 46.8

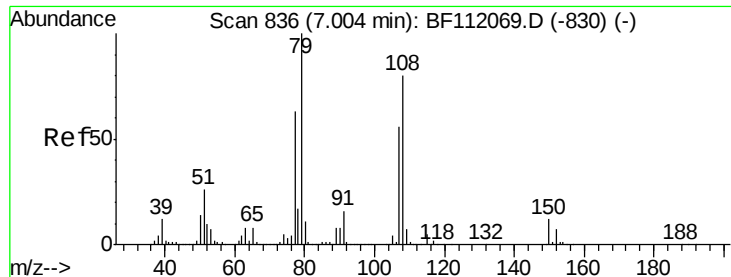


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.085 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampled :

S4MS

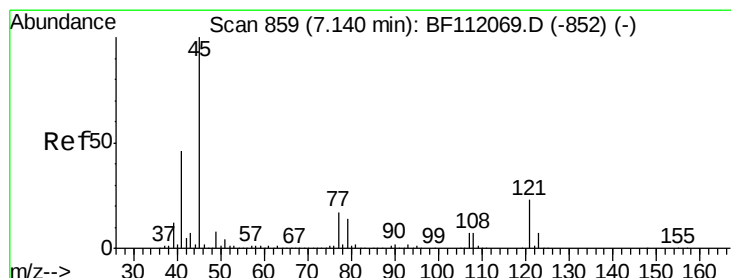
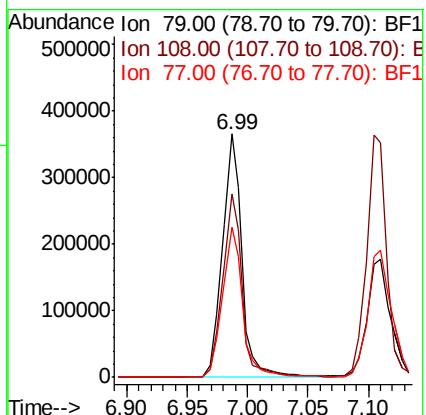
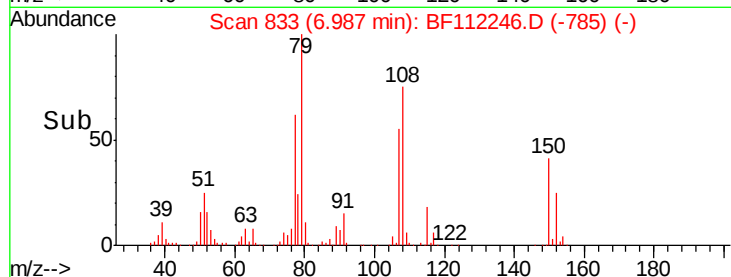
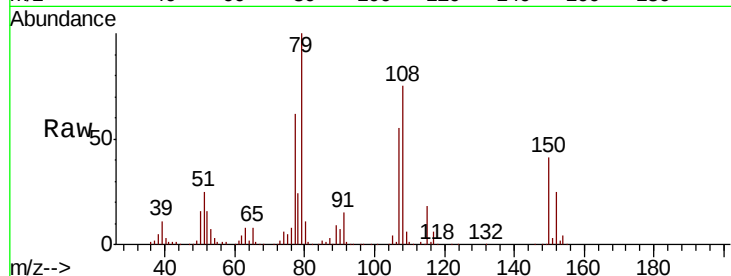
Tgt Ion: 79 Resp: 408460

Ion Ratio Lower Upper

79 100

108 75.2 64.2 96.2

77 61.9 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.625 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

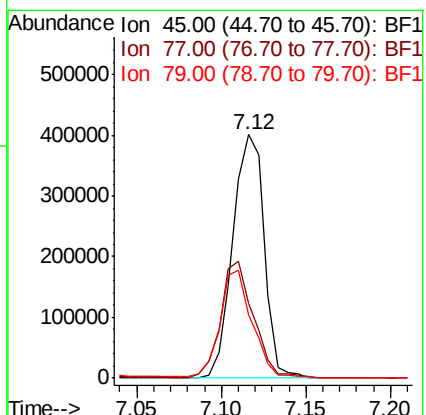
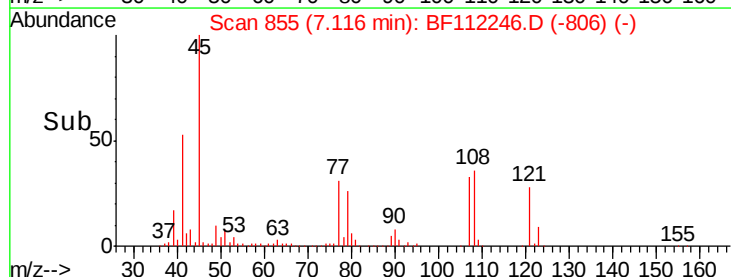
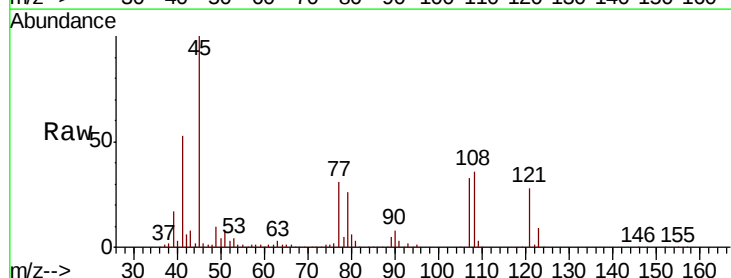
Tgt Ion: 45 Resp: 518728

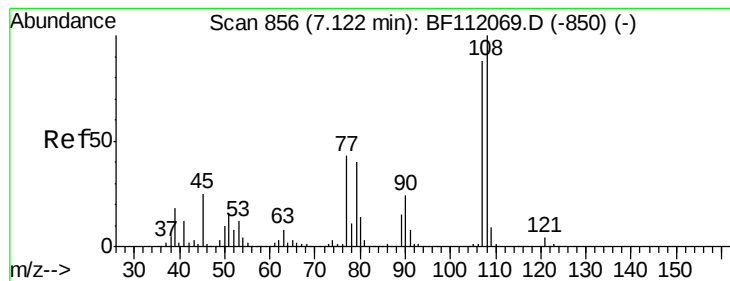
Ion Ratio Lower Upper

45 100

77 30.8 0.0 36.9

79 26.1 0.0 34.0





#17

2-Methylphenol

Concen: 43.562 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampled :

S4MS

Tgt Ion:107 Resp: 384919

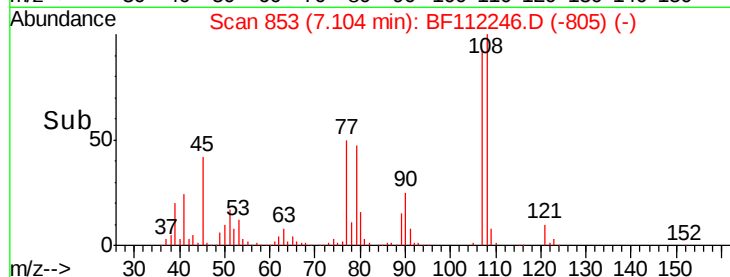
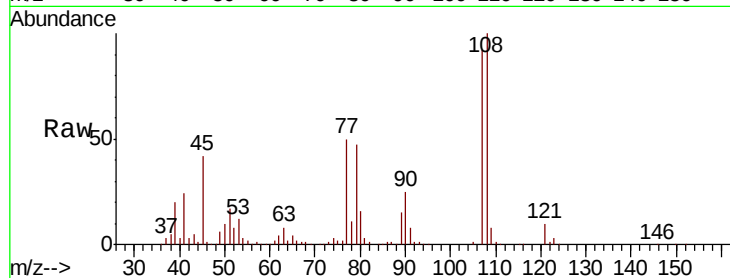
Ion Ratio Lower Upper

107 100

108 109.2 91.3 136.9

77 54.2 39.0 58.6

79 50.9 37.0 55.4

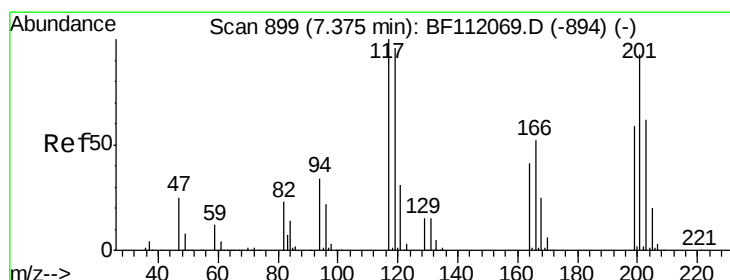
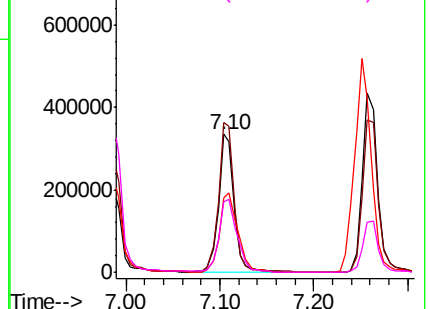


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.241 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

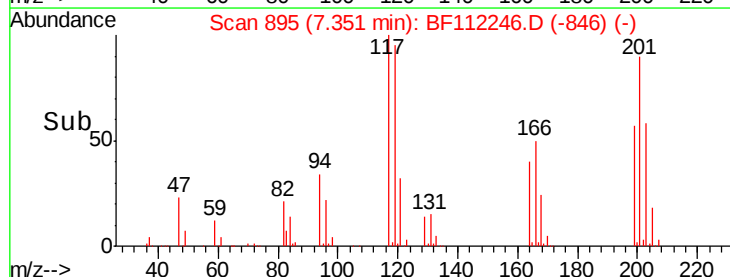
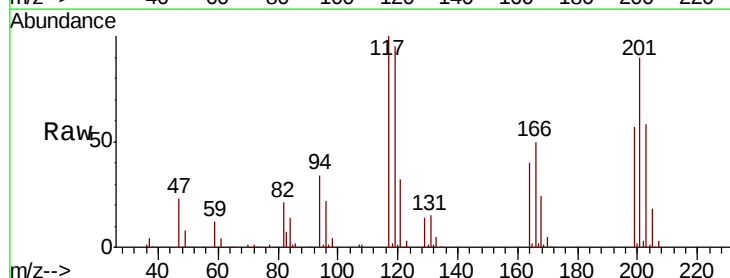
Tgt Ion:117 Resp: 188789

Ion Ratio Lower Upper

117 100

119 94.6 77.0 115.4

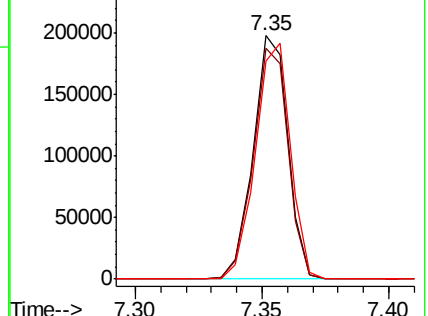
201 89.8 74.1 111.1

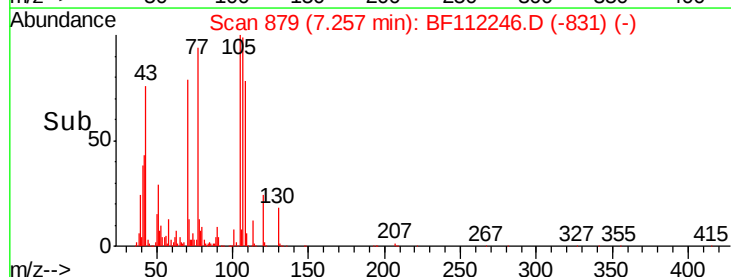
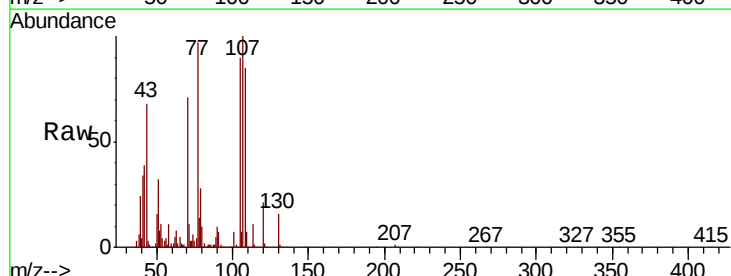
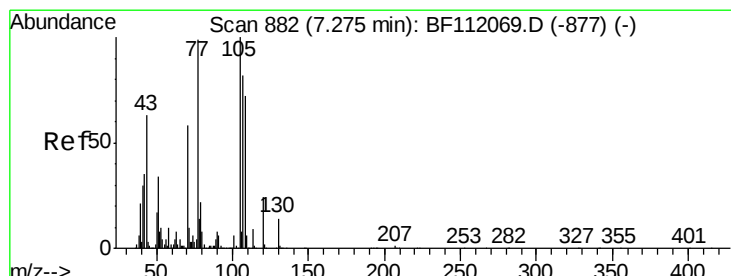
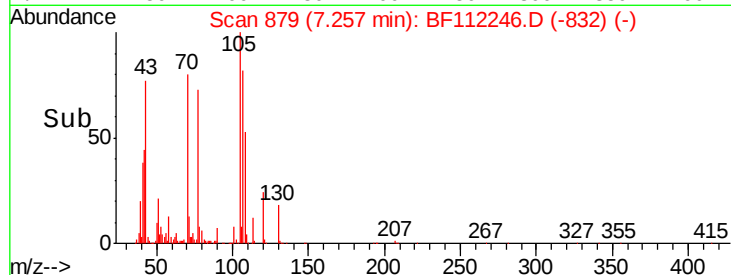
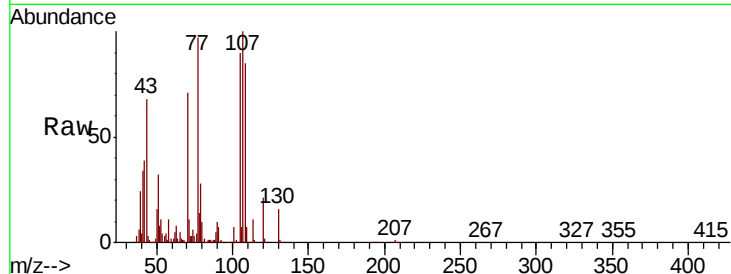
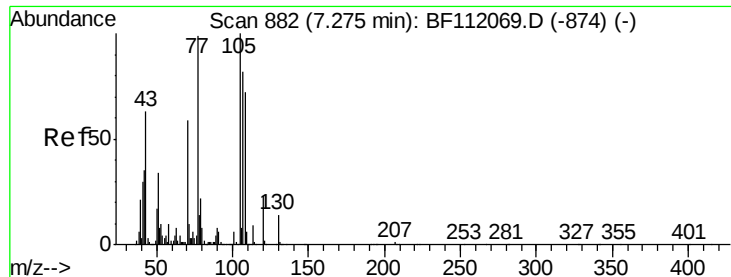


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

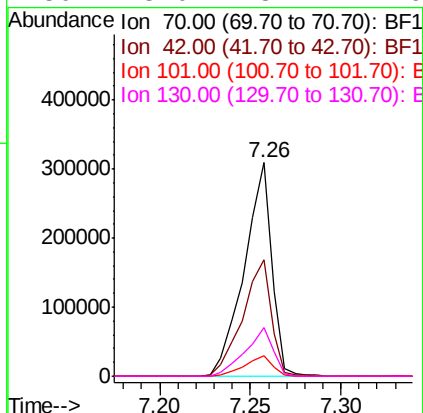




#19
n-Nitroso-di-n-propylamine
Concen: 41.146 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

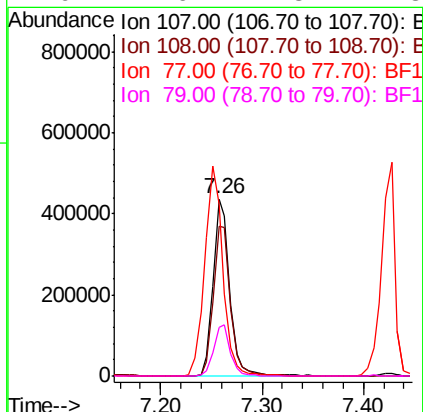
Instrument :
BNA_F
ClientSampleId :
S4MS

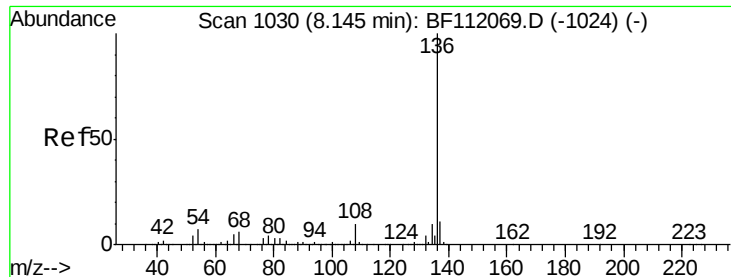
Tgt Ion:	70	Resp:	326666
Ion	Ratio	Lower	Upper
70	100		
42	54.7	47.6	71.4
101	9.8	7.9	11.9
130	23.0	18.4	27.6



#20
3+4-Methylphenols
Concen: 43.487 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Tgt Ion:	107	Resp:	491372
Ion	Ratio	Lower	Upper
107	100		
108	85.1	68.2	108.2
77	97.2	100.7	140.7#
79	27.6	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampleId :

S4MS

Tgt Ion:136 Resp: 688755

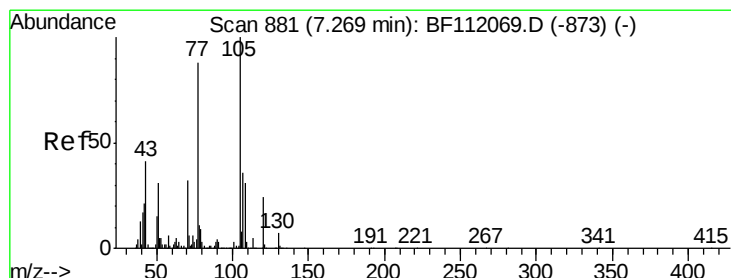
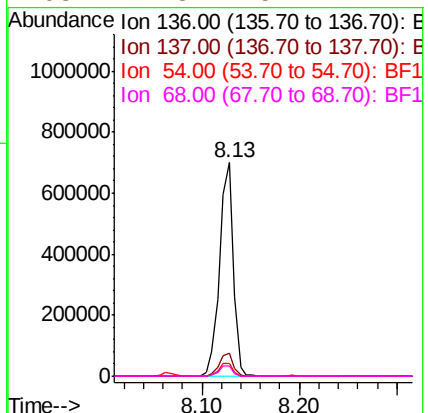
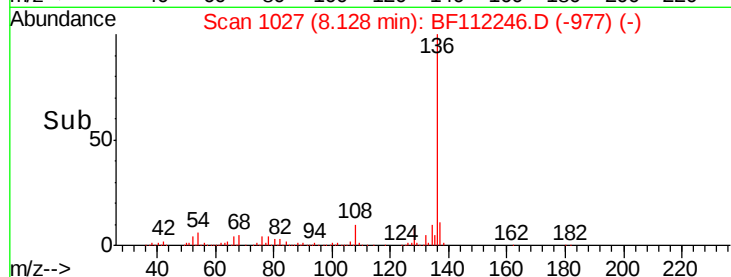
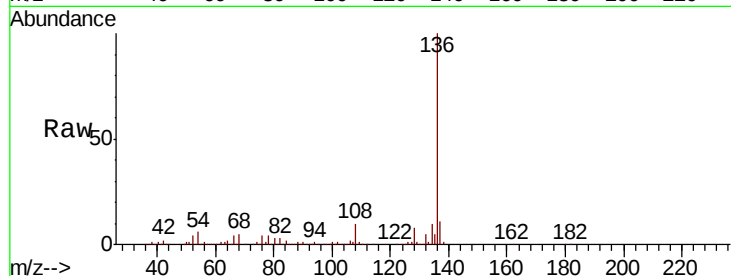
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.9 5.9 8.9#

68 4.8 5.1 7.7#



#22

Acetophenone

Concen: 38.441 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Tgt Ion:105 Resp: 644710

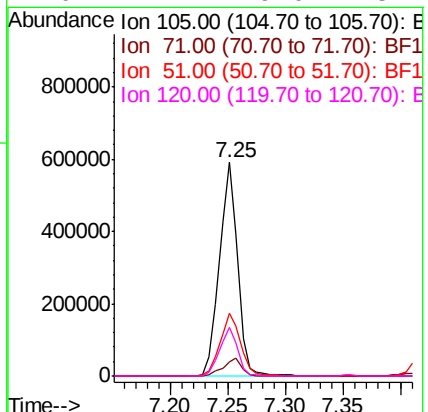
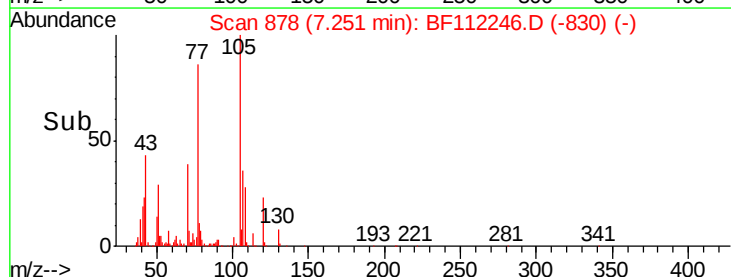
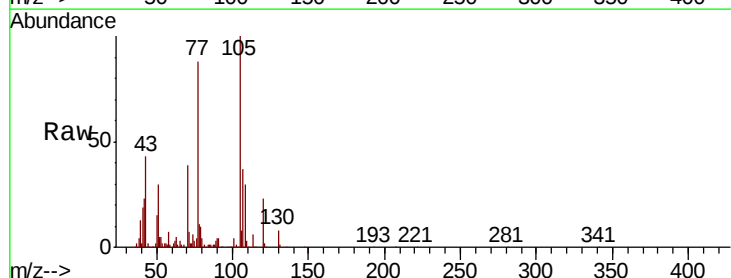
Ion Ratio Lower Upper

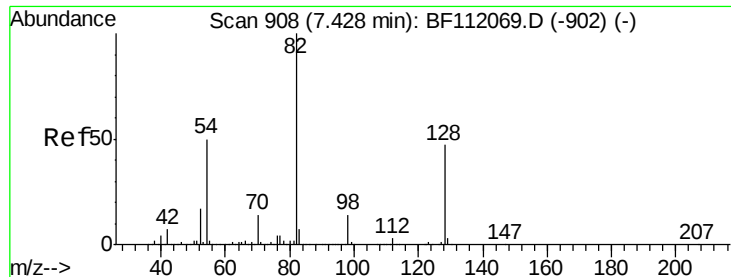
105 100

71 6.6 4.6 6.8

51 29.6 25.0 37.6

120 22.7 19.0 28.4

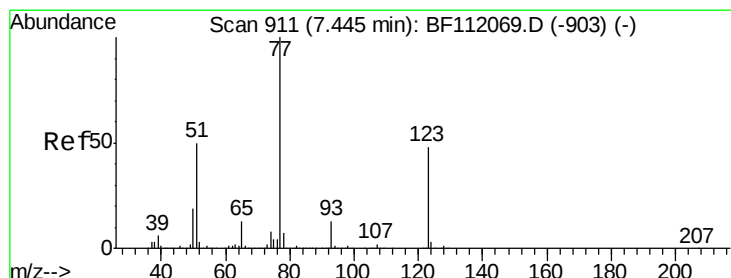
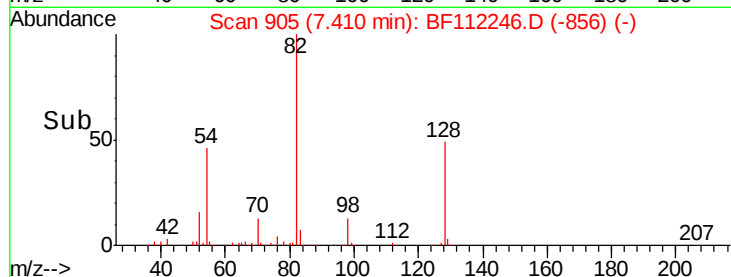
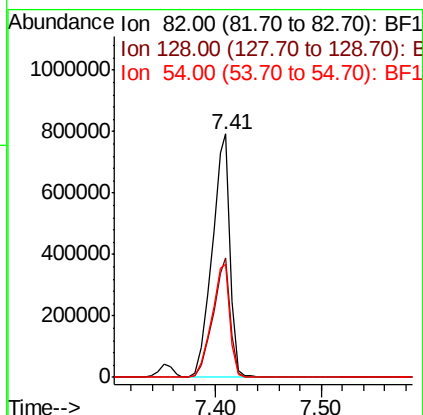
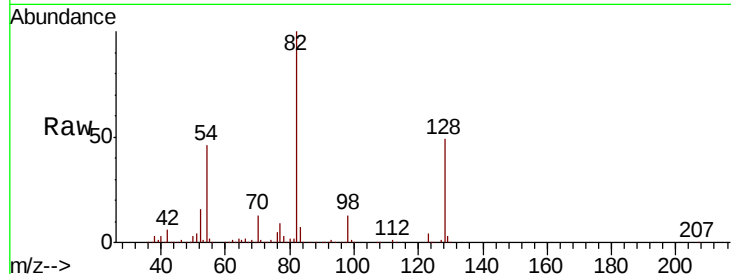




#23
 Nitrobenzene-d5
 Concen: 78.597 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF112246.D
 Acq: 25 Jan 2019 21:50

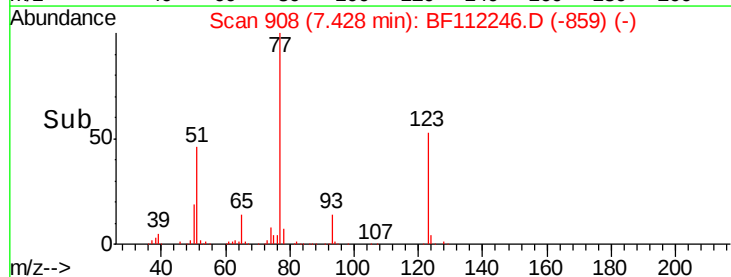
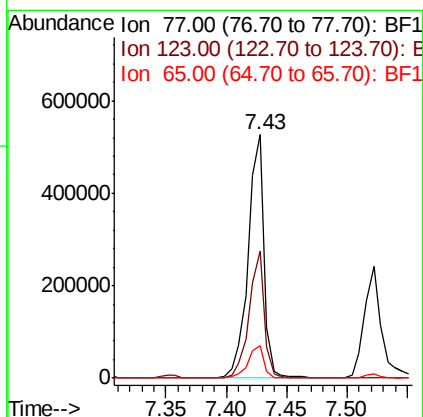
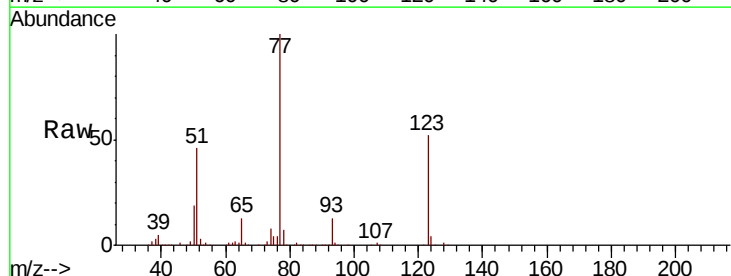
Instrument :
 BNA_F
 ClientSampleId :
 S4MS

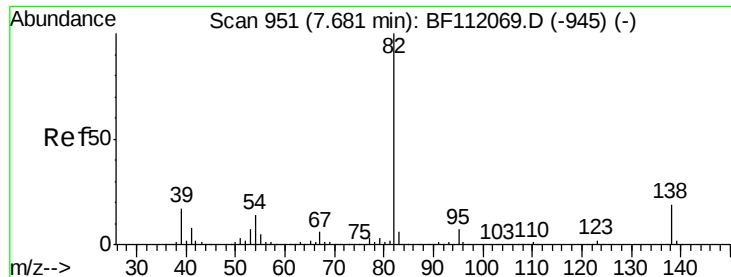
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.8	56.8
54	46.2	39.7	59.5



#24
 Nitrobenzene
 Concen: 40.789 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF112246.D
 Acq: 25 Jan 2019 21:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.2	38.4	57.6
65	13.4	10.6	15.8





#25

Isophorone

Concen: 46.448 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampleId :

S4MS

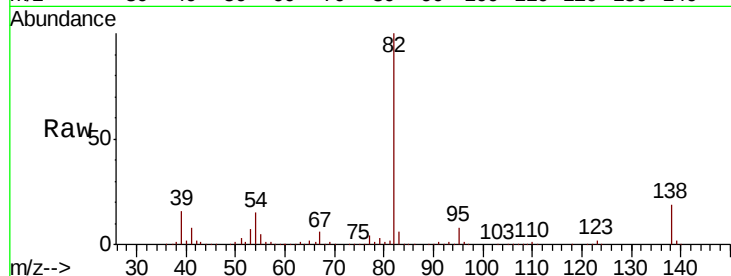
Tgt Ion: 82 Resp: 871015

Ion Ratio Lower Upper

82 100

95 7.8 5.7 8.5

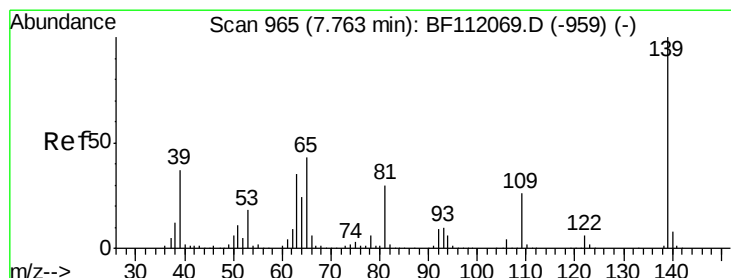
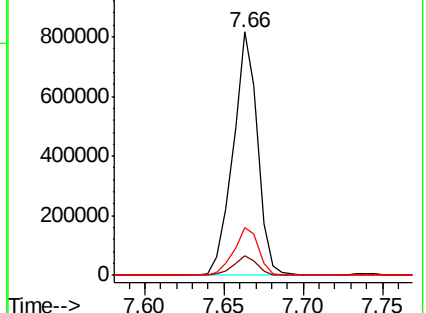
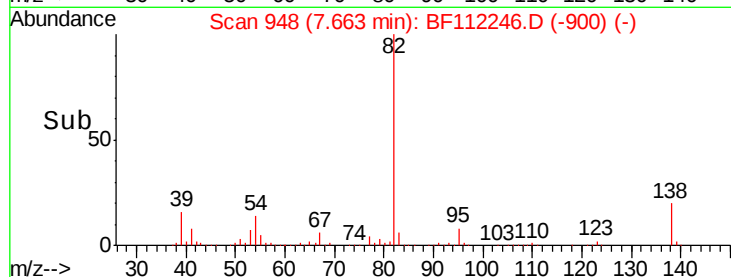
138 19.4 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.584 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

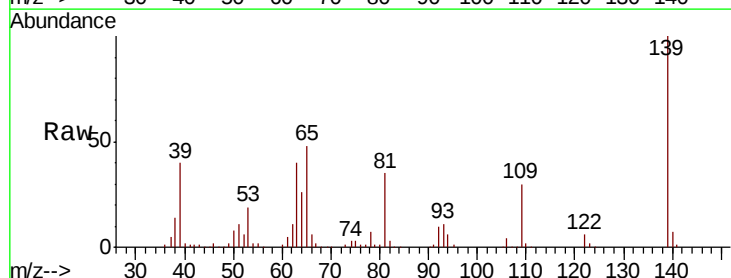
Tgt Ion: 139 Resp: 265298

Ion Ratio Lower Upper

139 100

109 30.3 20.8 31.2

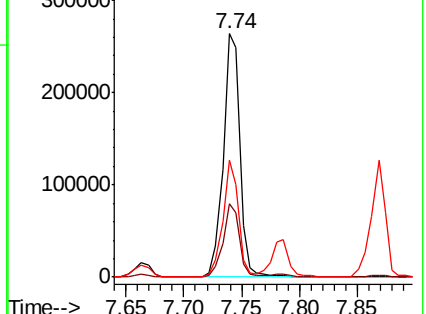
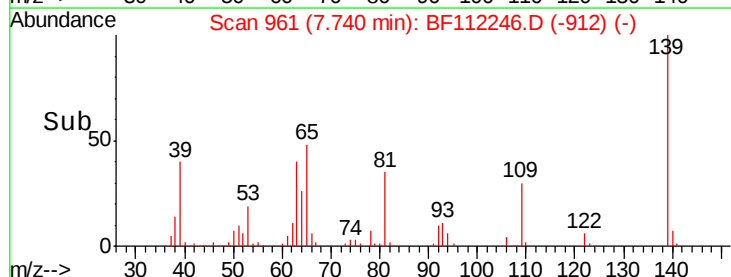
65 48.0 34.4 51.6

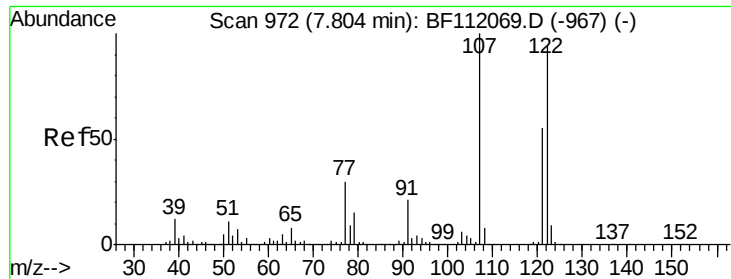


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

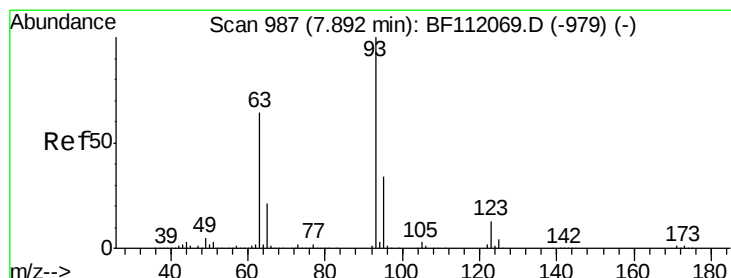
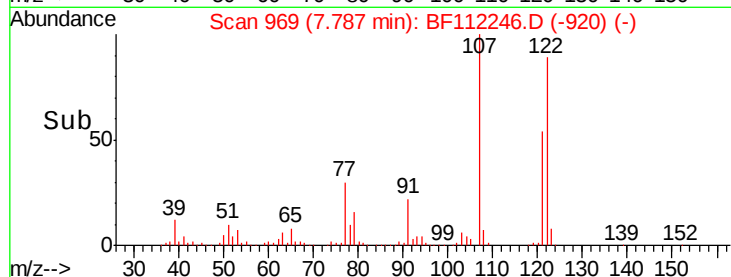
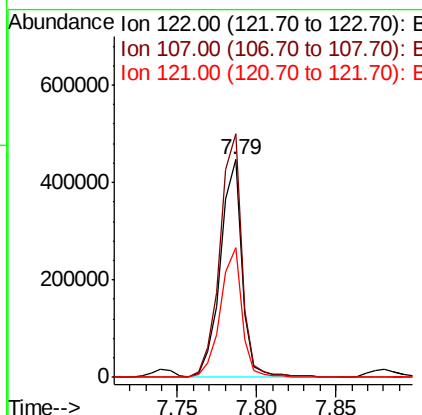
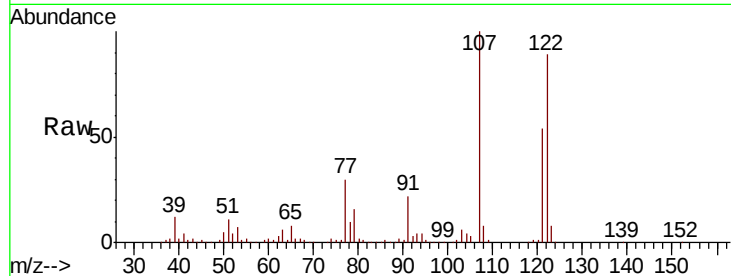




#27
2,4-Dimethylphenol
Concen: 48.385 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

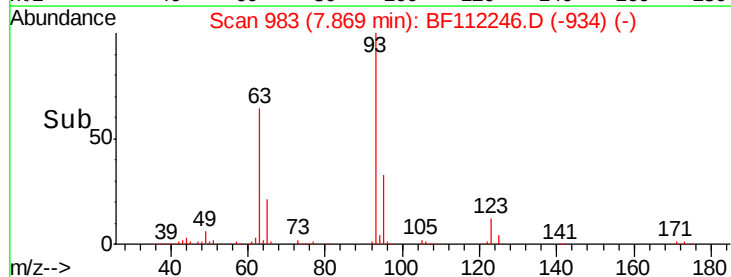
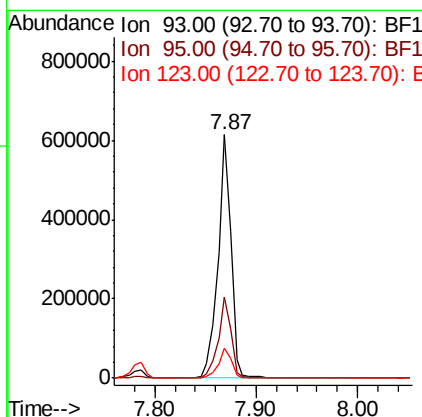
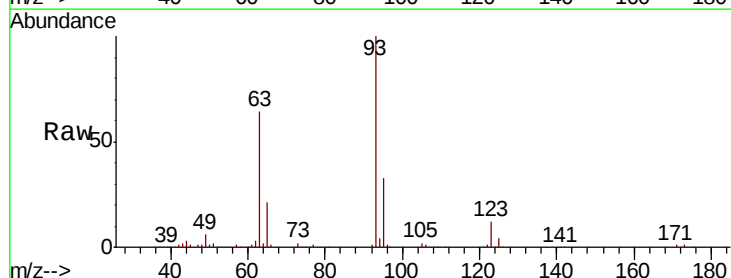
Instrument :
BNA_F
ClientSampleId :
S4MS

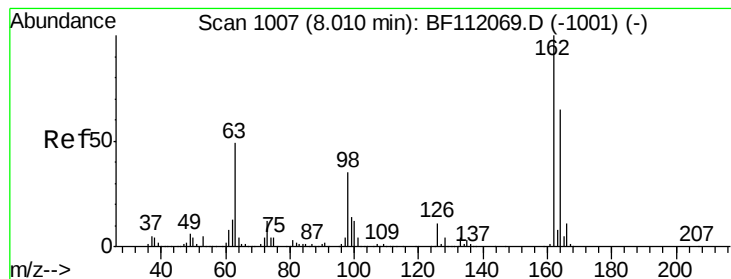
Tgt Ion: 122 Resp: 425303
Ion Ratio Lower Upper
122 100
107 111.9 85.4 128.0
121 59.9 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.054 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Tgt Ion: 93 Resp: 549744
Ion Ratio Lower Upper
93 100
95 33.1 26.8 40.2
123 12.1 10.2 15.2





#29

2,4-Dichlorophenol

Concen: 42.981 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampleId :

S4MS

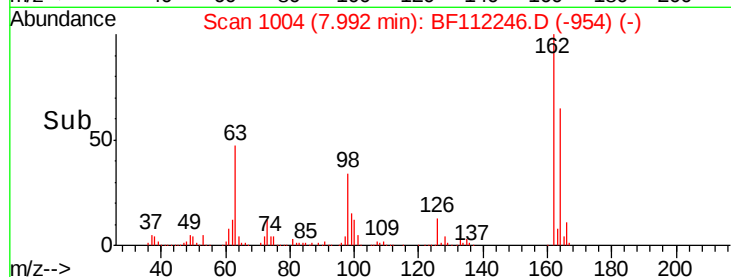
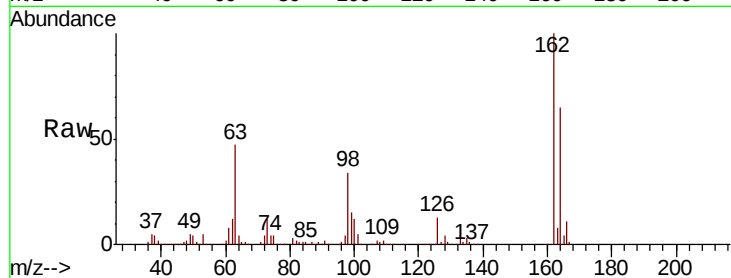
Tgt Ion:162 Resp: 422782

Ion Ratio Lower Upper

162 100

164 65.1 44.6 84.6

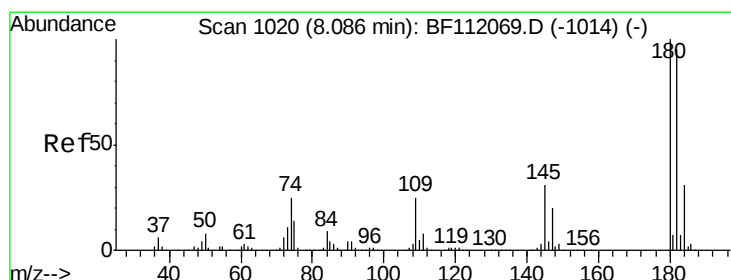
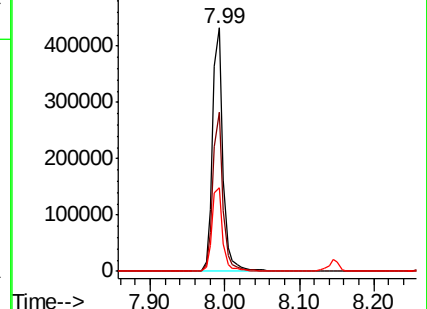
98 34.5 14.6 54.6



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: 39.994 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

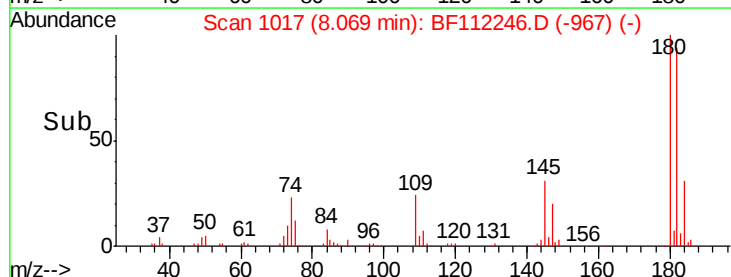
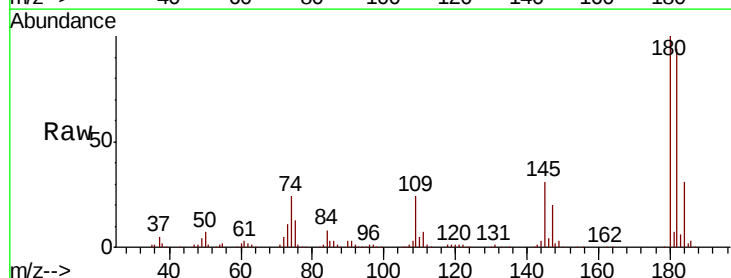
Tgt Ion:180 Resp: 452210

Ion Ratio Lower Upper

180 100

182 94.4 76.4 114.6

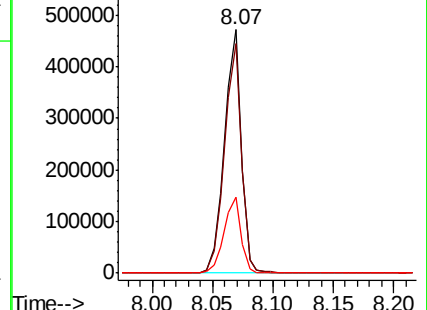
145 31.3 25.0 37.4

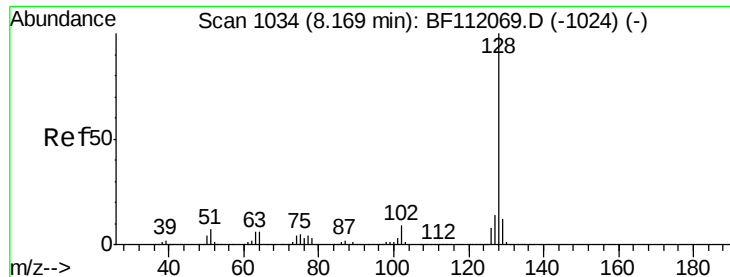


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

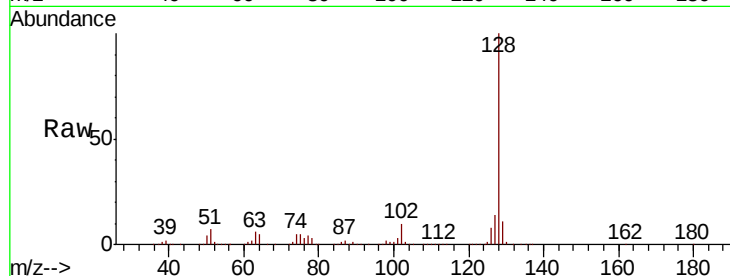




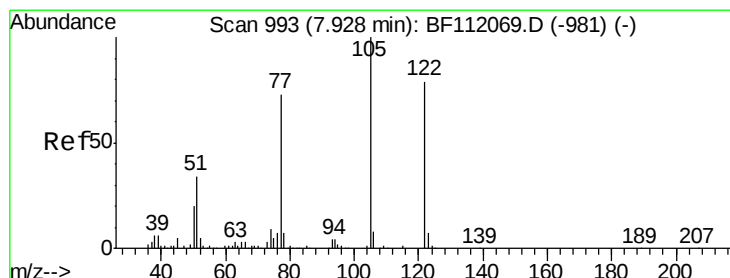
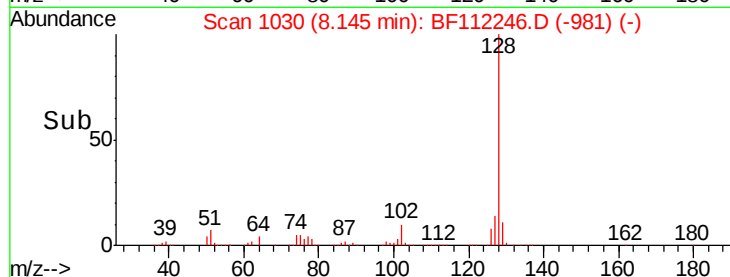
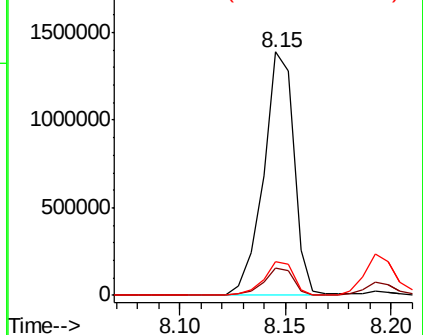
#31
Naphthalene
Concen: 43.317 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Instrument :
BNA_F
ClientSampleId :
S4MS

Tgt Ion:128 Resp: 1395211
Ion Ratio Lower Upper
128 100
129 11.4 9.6 14.4
127 14.0 11.1 16.7

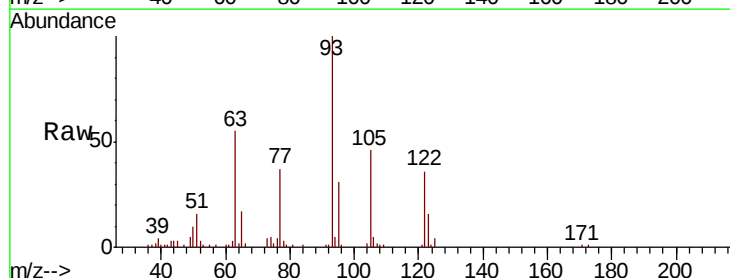


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

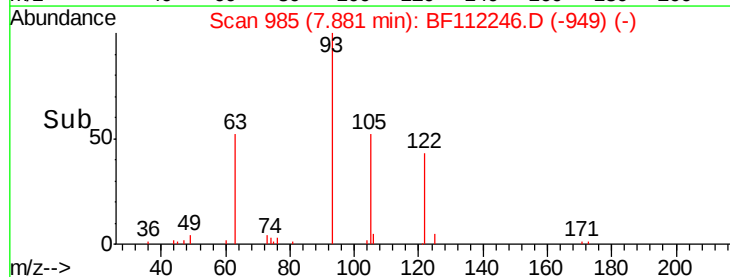
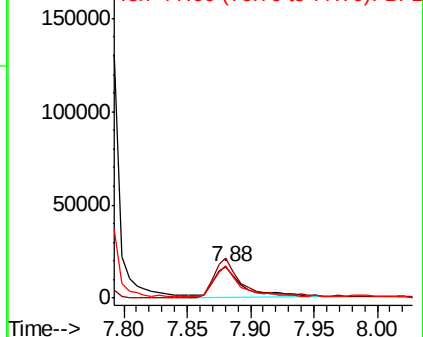


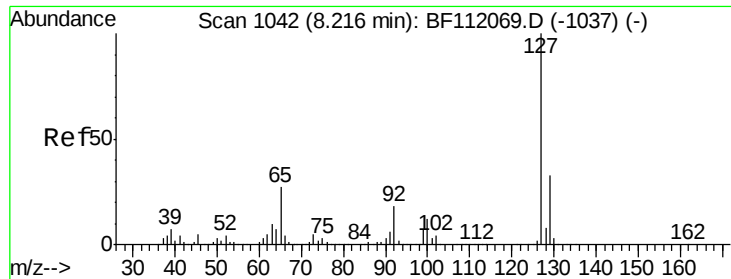
#32
Benzoic acid
Concen: 5.368 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.09 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Tgt Ion:122 Resp: 26916
Ion Ratio Lower Upper
122 100
105 127.9 101.2 141.2
77 102.2 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

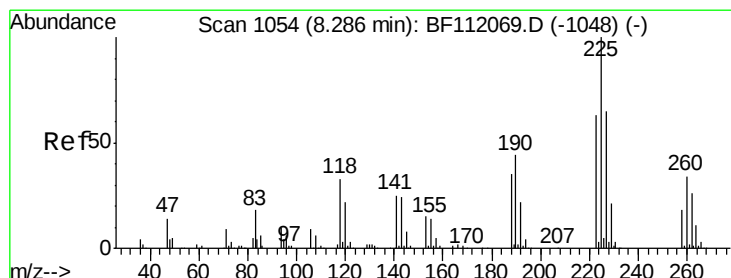
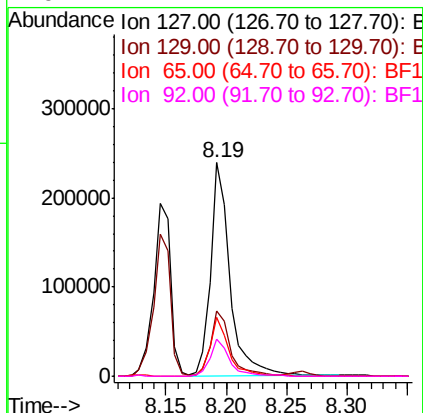
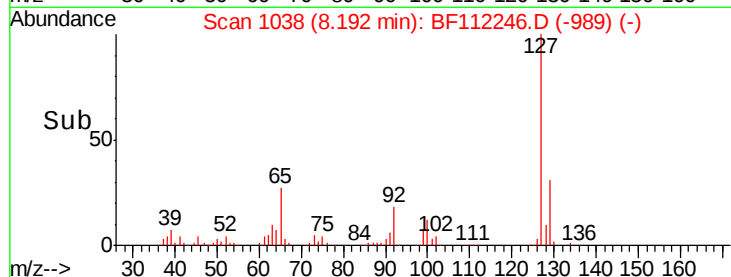
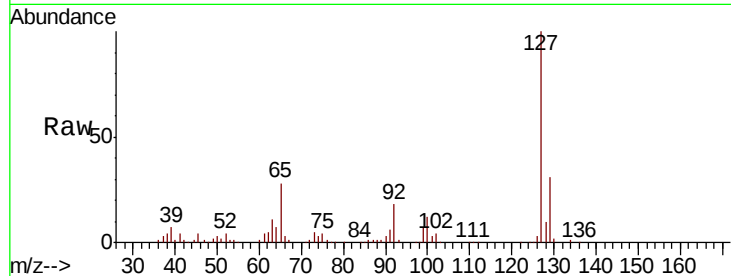




#33
4-Chloroaniline
Concen: 18.873 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

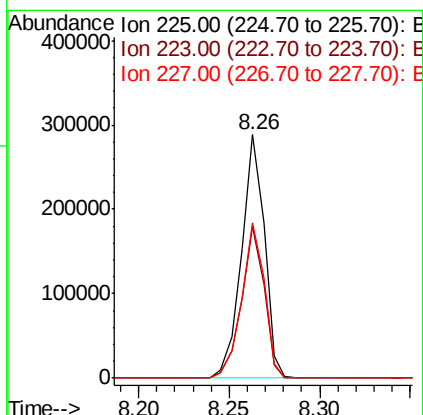
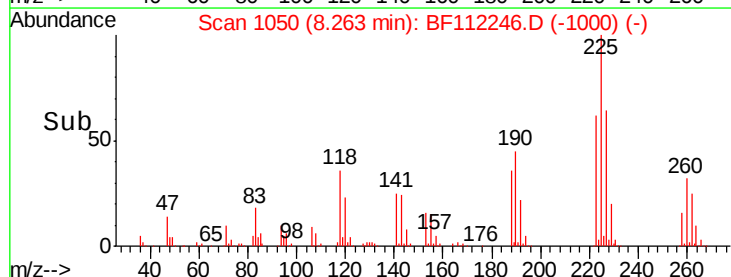
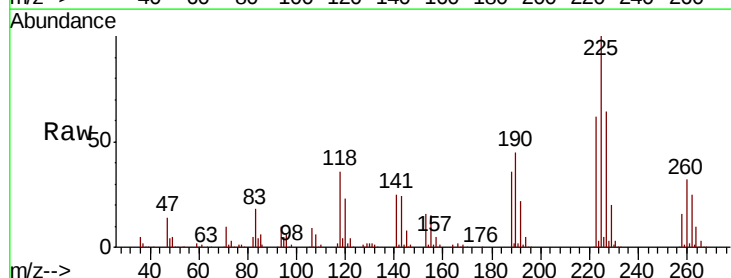
Instrument :
BNA_F
ClientSampleId :
S4MS

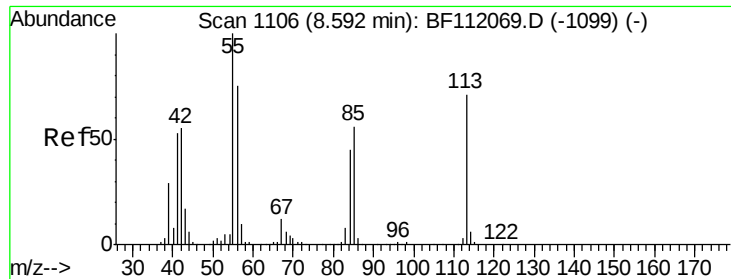
Tgt Ion:	127	Resp:	264686
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.6	39.8
65	27.7	21.4	32.2
92	17.7	14.2	21.2



#34
Hexachlorobutadiene
Concen: 38.034 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Tgt Ion:	225	Resp:	252359
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.3	75.5
227	63.6	51.8	77.8

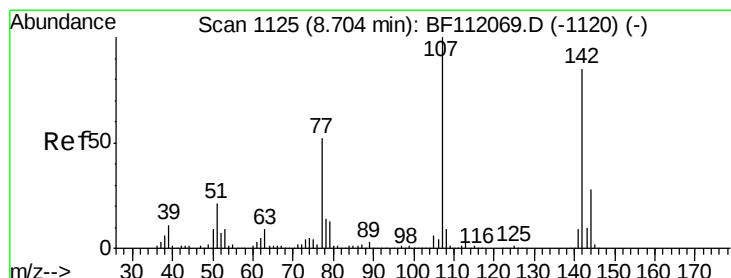
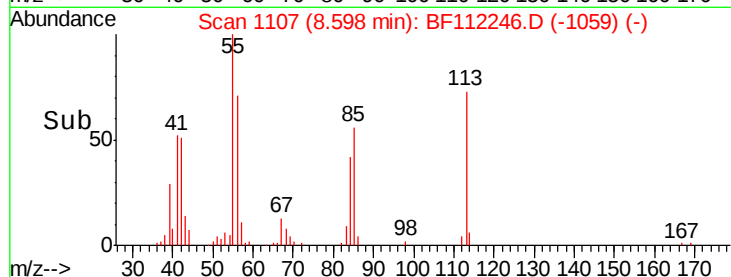
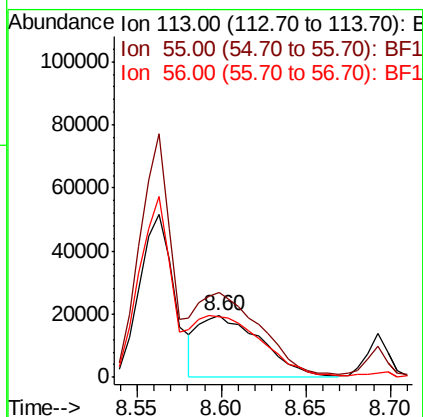
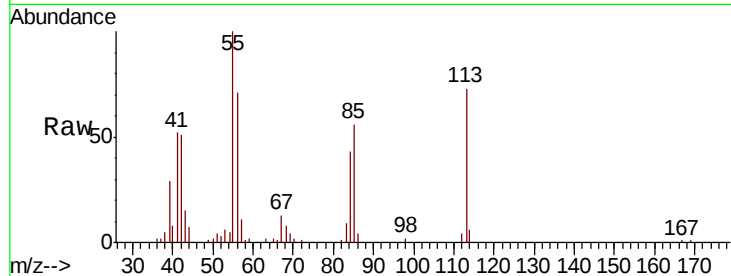




#35
 Caprolactam
 Concen: 14.632 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF112246.D
 Acq: 25 Jan 2019 21:50

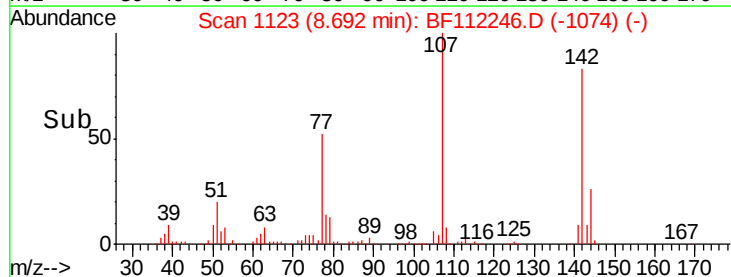
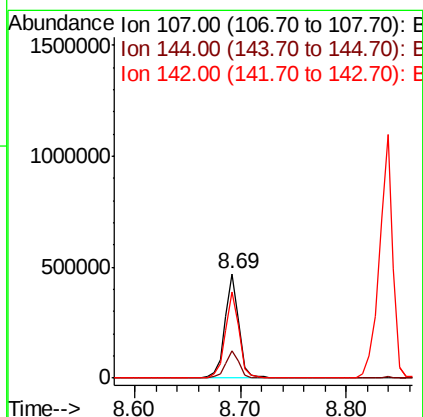
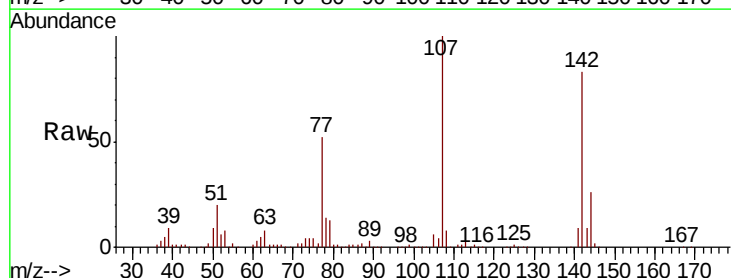
Instrument :
 BNA_F
 ClientSampleId :
 S4MS

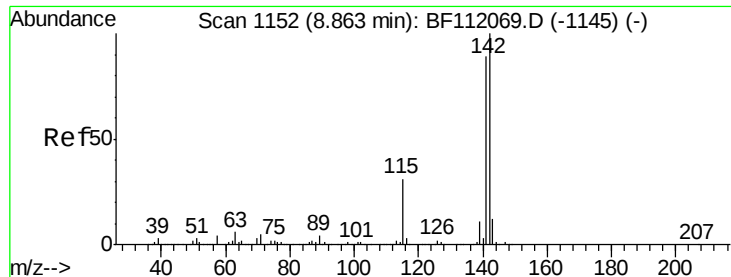
Tgt Ion:113 Resp: 50774
 Ion Ratio Lower Upper
 113 100
 55 136.9 121.6 161.6
 56 97.6 86.7 126.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.076 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF112246.D
 Acq: 25 Jan 2019 21:50

Tgt Ion:107 Resp: 427735
 Ion Ratio Lower Upper
 107 100
 144 26.3 22.2 33.2
 142 82.7 67.7 101.5

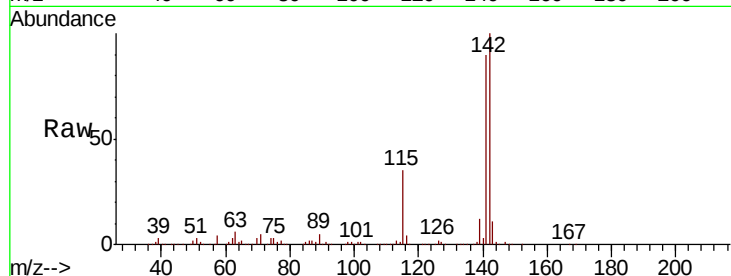




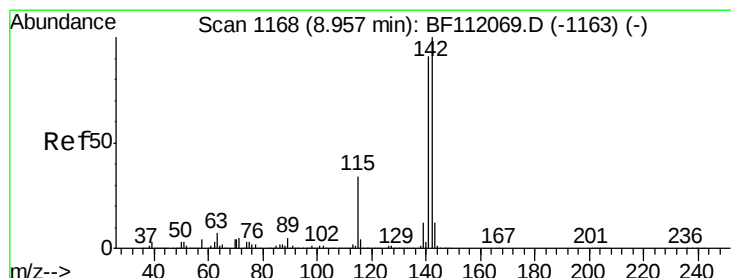
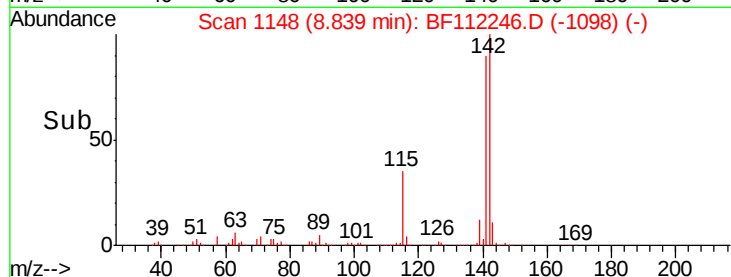
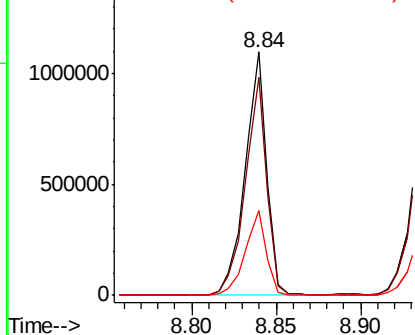
#37
2-Methylnaphthalene
Concen: 44.352 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Instrument :
BNA_F
ClientSampled :
S4MS

Tgt Ion:142 Resp: 977947
Ion Ratio Lower Upper
142 100
141 89.6 70.9 106.3
115 35.0 24.9 37.3

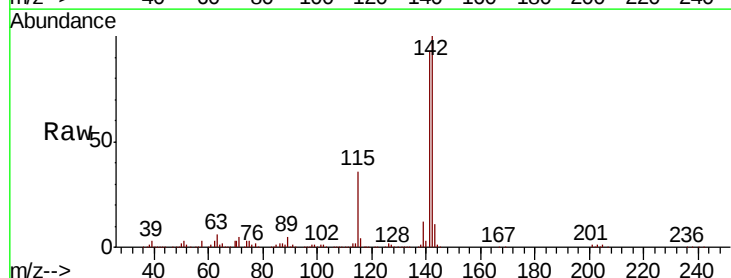


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

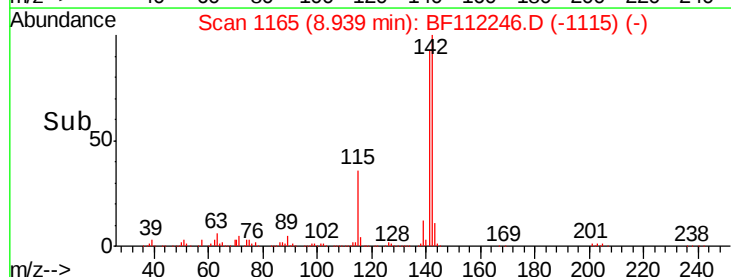
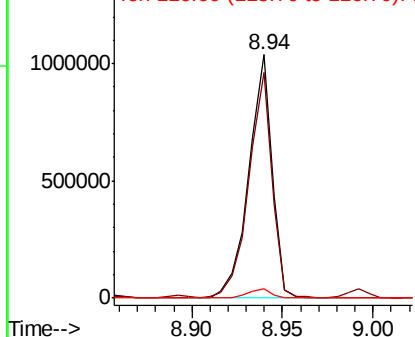


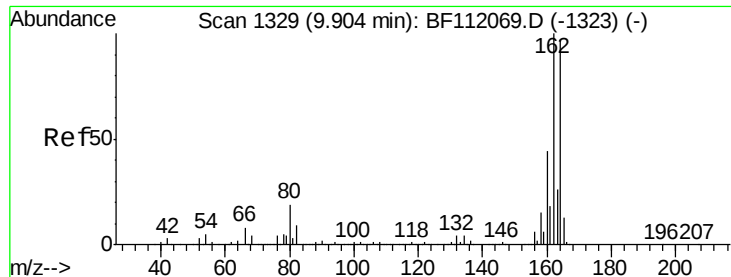
#38
1-Methylnaphthalene
Concen: 43.594 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Tgt Ion:142 Resp: 921320
Ion Ratio Lower Upper
142 100
141 92.7 72.6 108.8
116 3.7 2.8 4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampleId :

S4MS

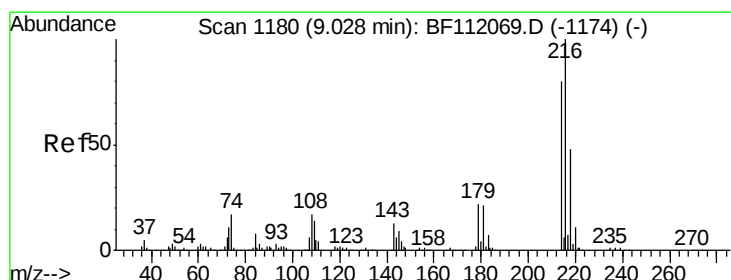
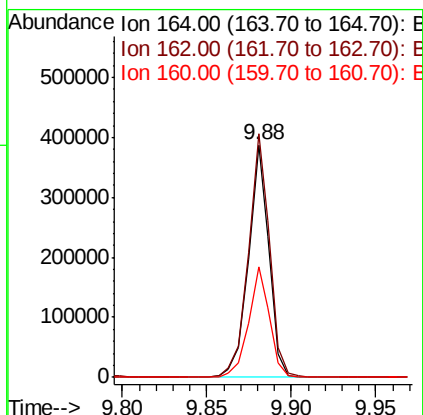
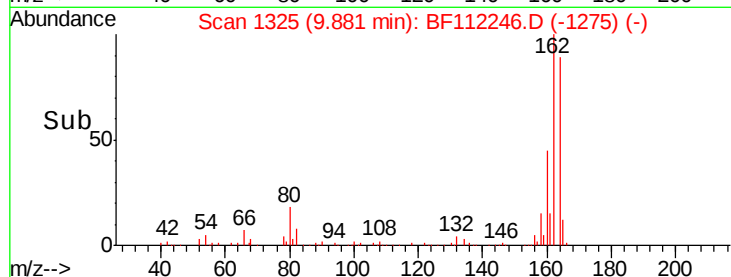
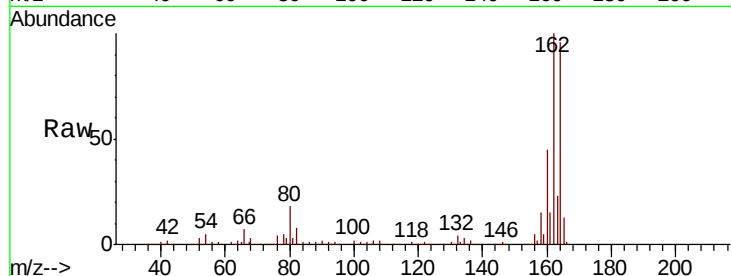
Tgt Ion:164 Resp: 329750

Ion Ratio Lower Upper

164 100

162 104.6 82.2 123.4

160 47.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.622 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Tgt Ion:216 Resp: 439804

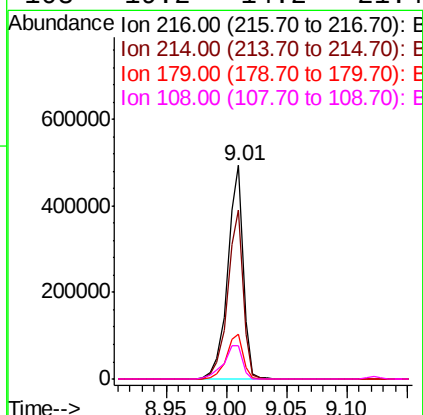
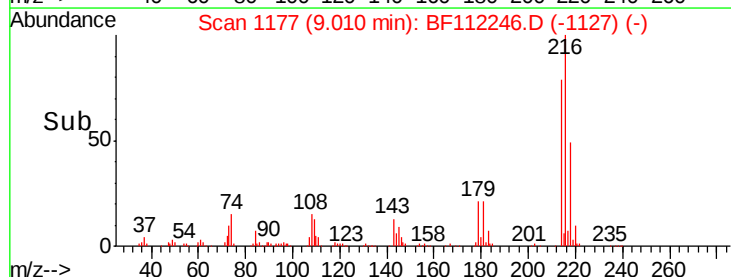
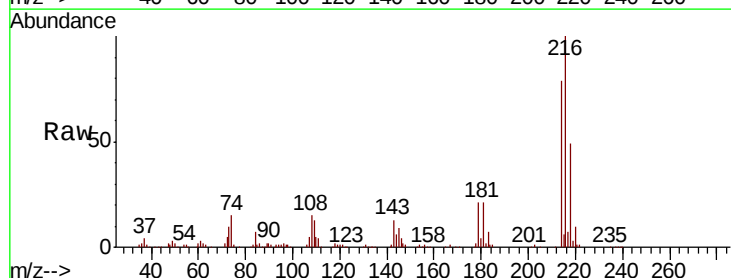
Ion Ratio Lower Upper

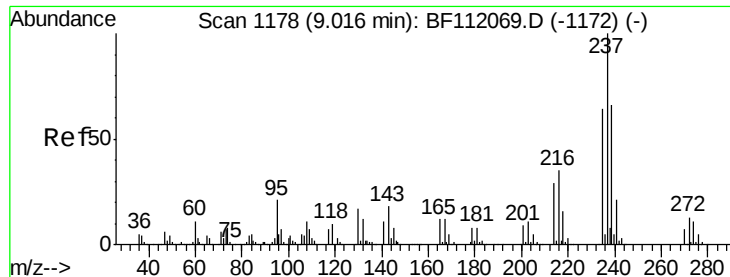
216 100

214 79.0 63.8 95.6

179 22.1 16.9 25.3

108 19.2 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 57.688 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampleId :

S4MS

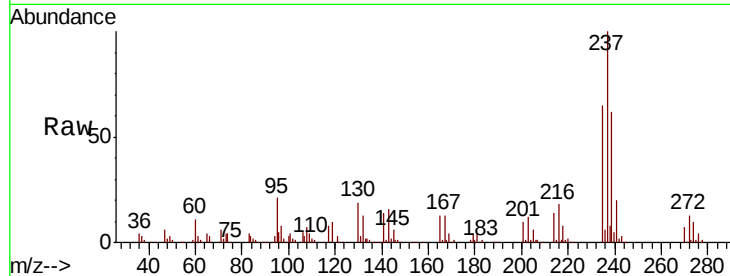
Tgt Ion: 237 Resp: 224367

Ion Ratio Lower Upper

237 100

235 64.7 44.0 84.0

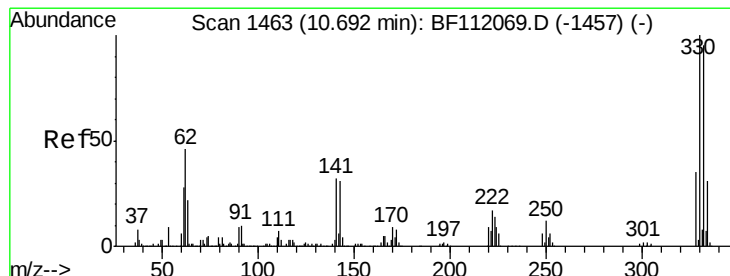
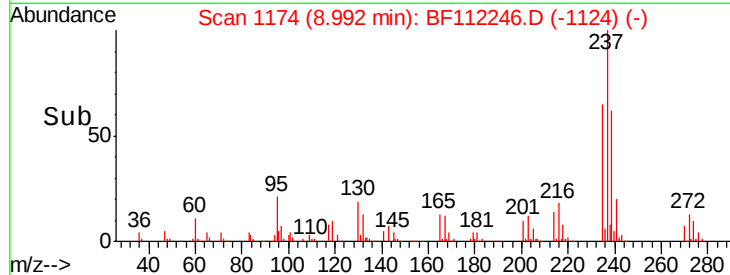
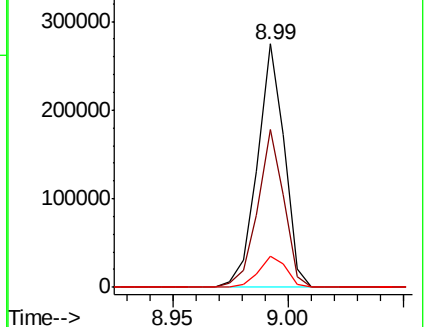
272 12.7 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 117.797 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

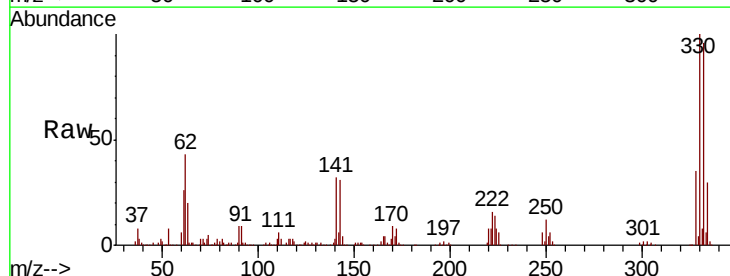
Tgt Ion: 330 Resp: 452129

Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

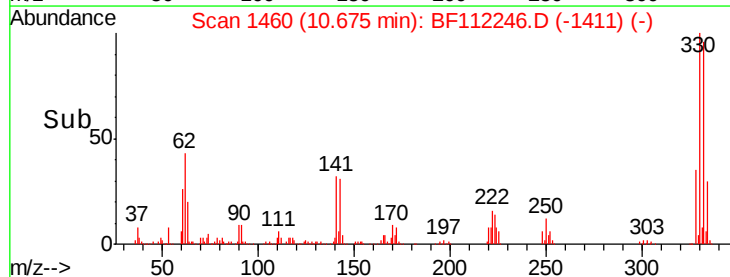
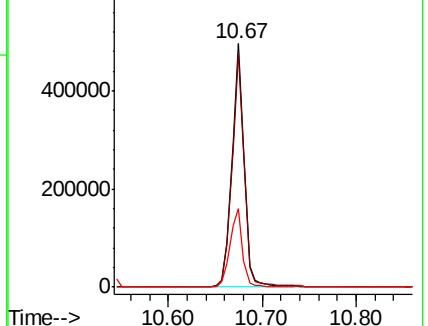
141 32.6 24.3 36.5

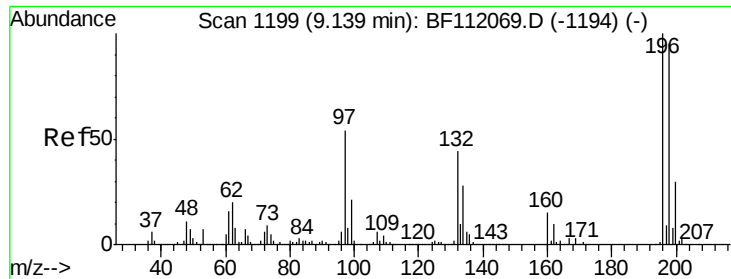


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

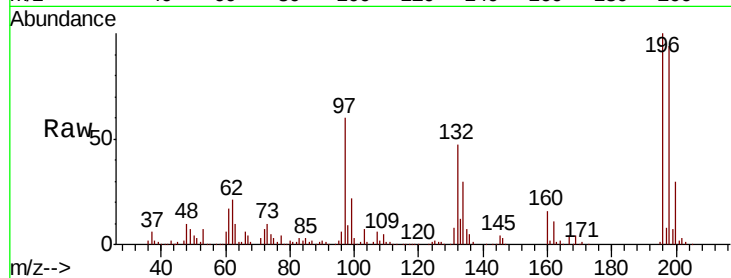




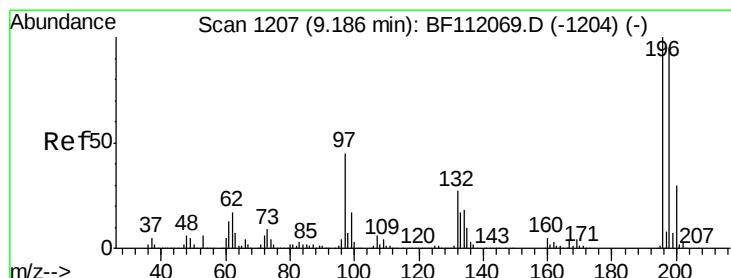
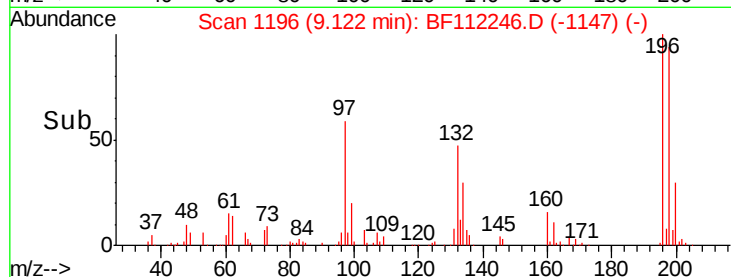
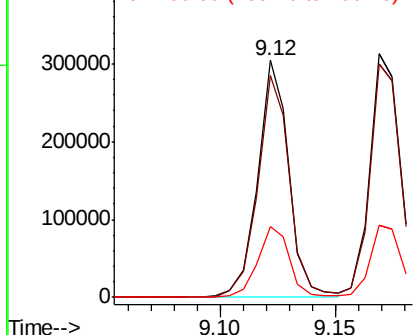
#43
 2,4,6-Trichlorophenol
 Concen: 42.875 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112246.D
 Acq: 25 Jan 2019 21:50

Instrument :
 BNA_F
 ClientSampled :
 S4MS

Tgt Ion:196 Resp: 286138
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.2 114.4
 200 30.0 24.3 36.5

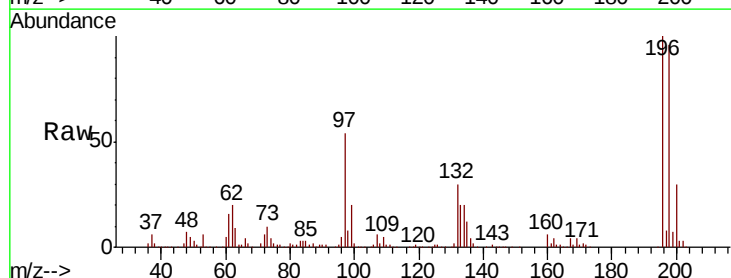


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

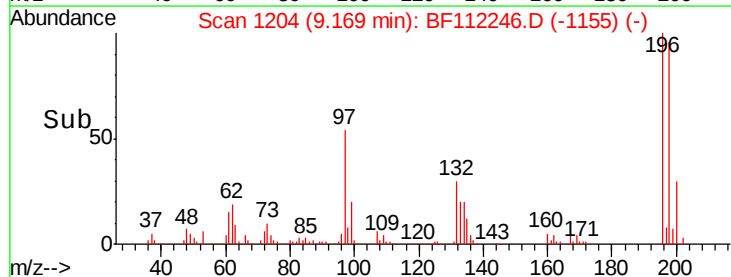
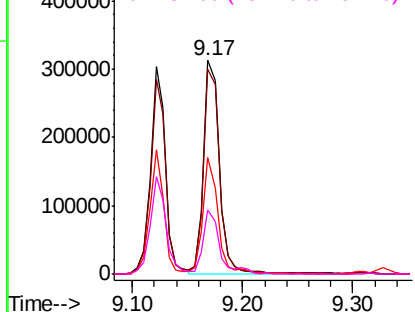


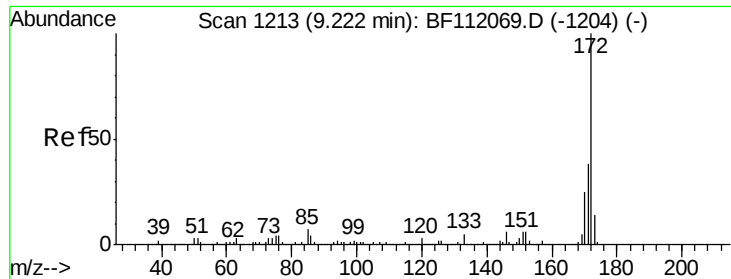
#44
 2,4,5-Trichlorophenol
 Concen: 43.217 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112246.D
 Acq: 25 Jan 2019 21:50

Tgt Ion:196 Resp: 301437
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.0 114.0
 97 54.4 36.4 54.6
 132 30.2 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

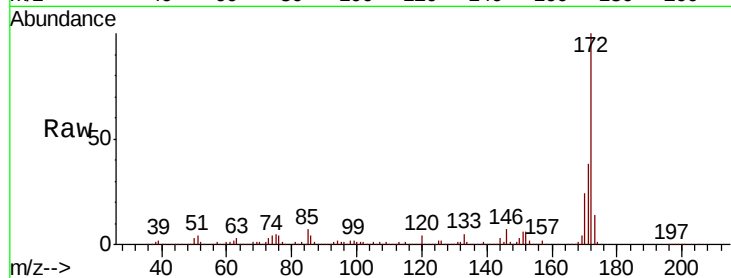




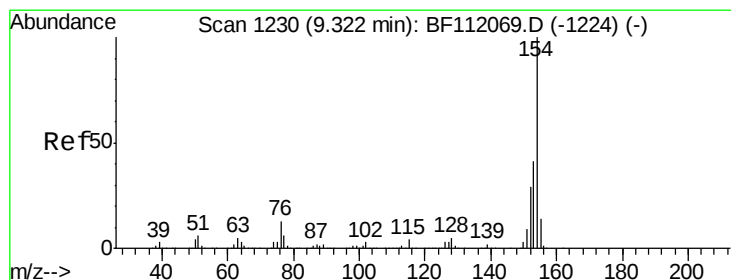
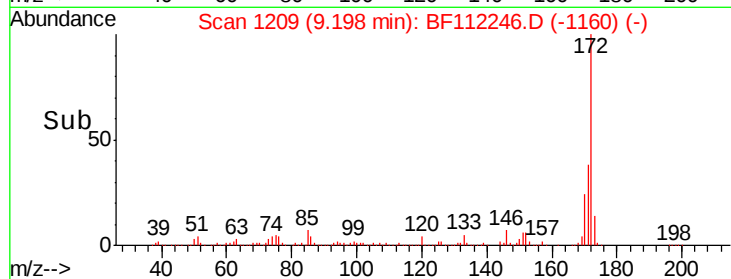
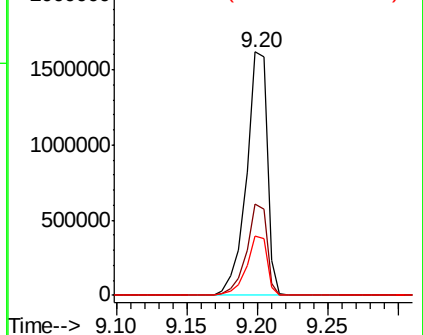
#45
2-Fluorobiphenyl
Concen: 72.056 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Instrument :
BNA_F
ClientSampleId :
S4MS

Tgt Ion:172 Resp: 1679973
Ion Ratio Lower Upper
172 100
171 37.6 30.5 45.7
170 24.5 20.2 30.4

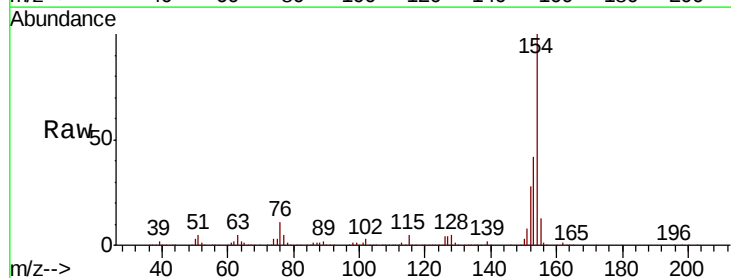


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

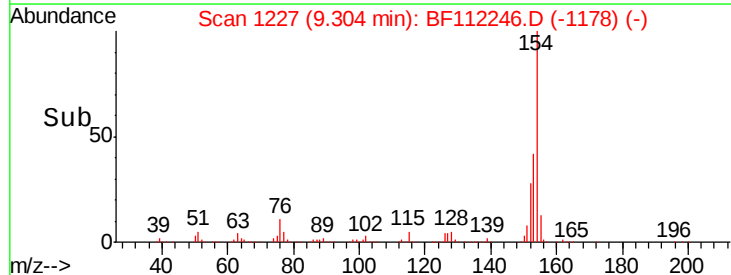
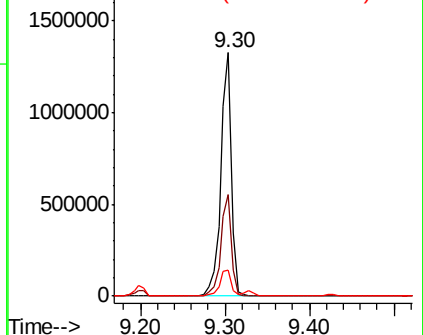


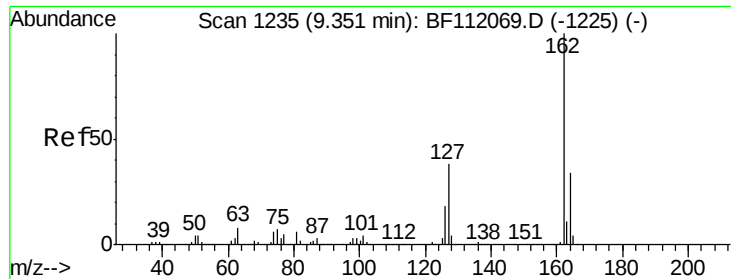
#46
1,1'-Biphenyl
Concen: 40.740 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Tgt Ion:154 Resp: 1174440
Ion Ratio Lower Upper
154 100
153 41.9 21.5 61.5
76 10.9 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

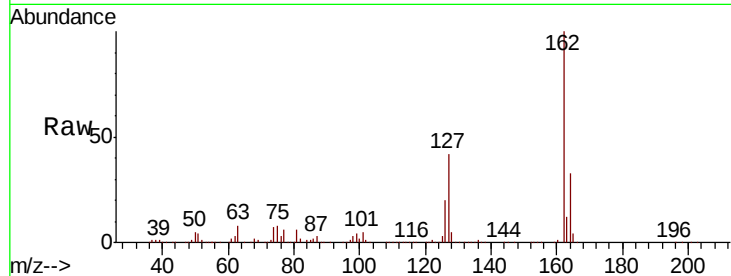




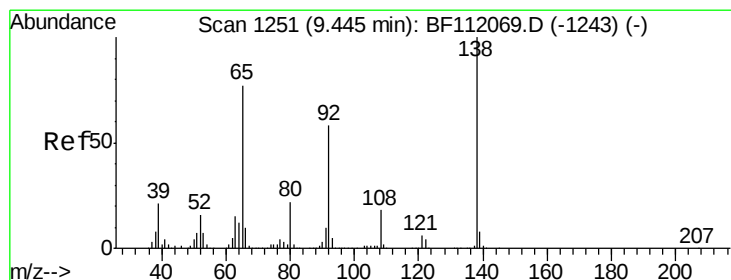
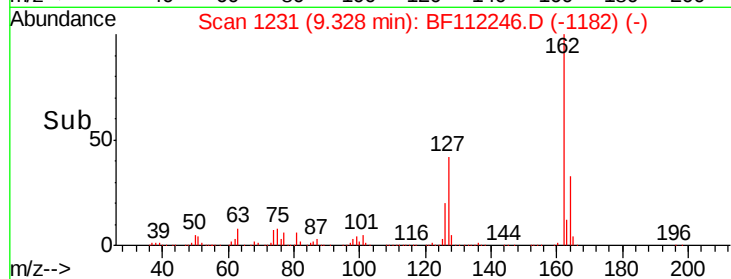
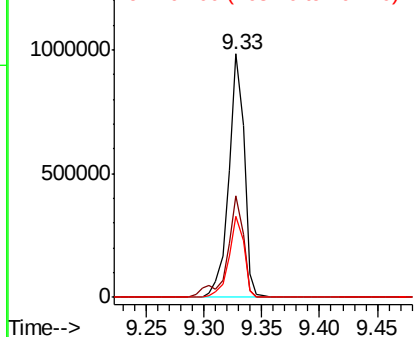
#47
 2-Chloronaphthalene
 Concen: 40.501 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF112246.D
 Acq: 25 Jan 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 S4MS

Tgt Ion:162 Resp: 905403
 Ion Ratio Lower Upper
 162 100
 127 41.7 30.4 45.6
 164 33.4 27.4 41.2

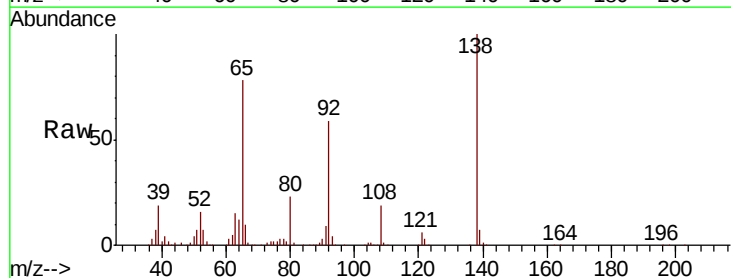


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

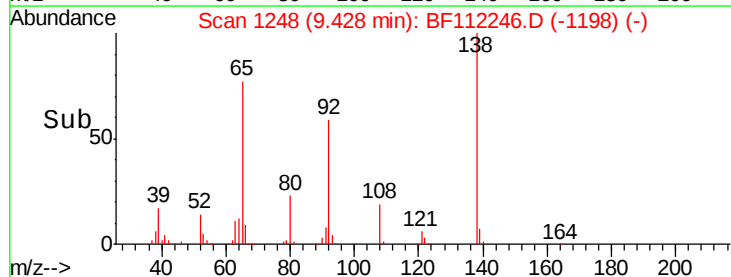
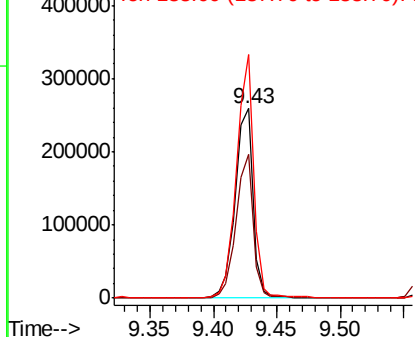


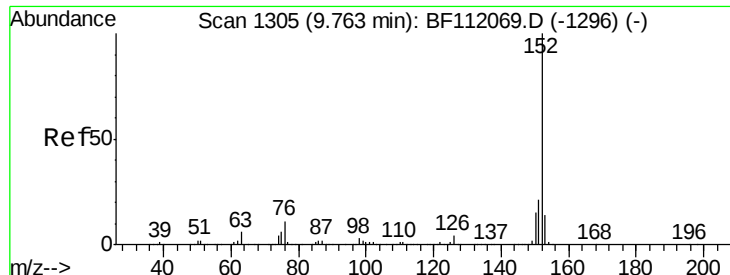
#48
 2-Nitroaniline
 Concen: 41.617 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF112246.D
 Acq: 25 Jan 2019 21:50

Tgt Ion: 65 Resp: 253575
 Ion Ratio Lower Upper
 65 100
 92 75.7 60.4 90.6
 138 128.6 104.4 156.6



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





#49

Acenaphthylene

Concen: 43.650 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampleId :

S4MS

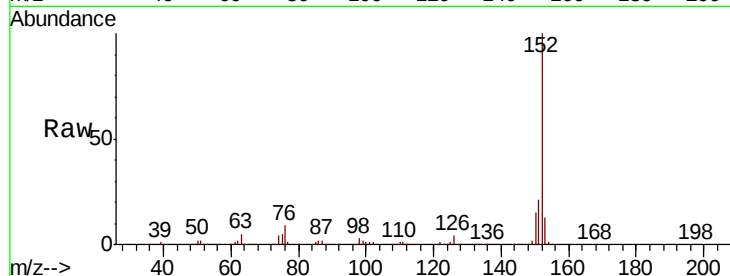
Tgt Ion:152 Resp: 1430240

Ion Ratio Lower Upper

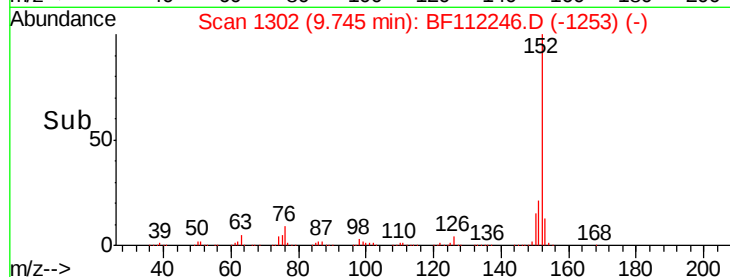
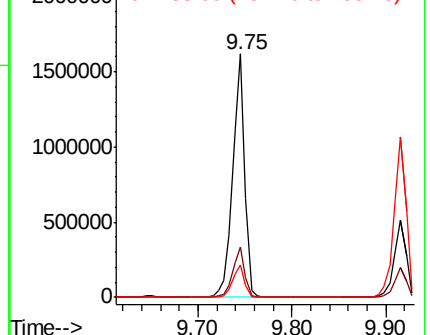
152 100

151 20.8 17.0 25.6

153 13.3 11.2 16.8



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



#50

Dimethylphthalate

Concen: 48.439 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

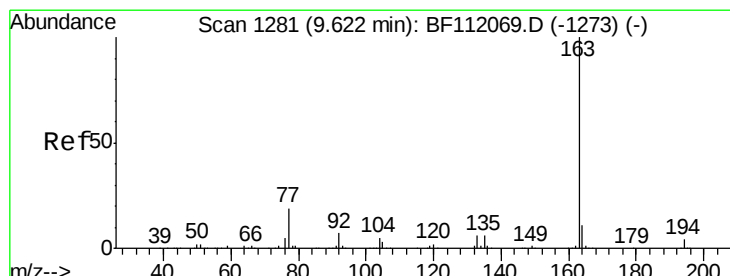
Tgt Ion:163 Resp: 1241007

Ion Ratio Lower Upper

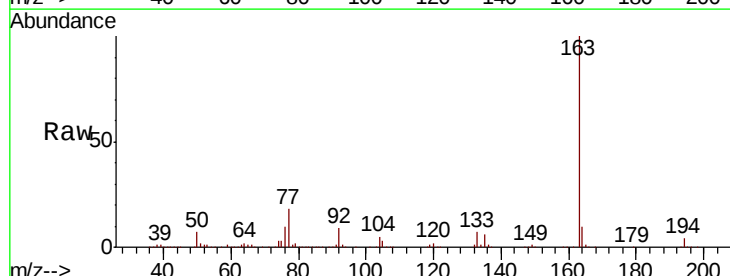
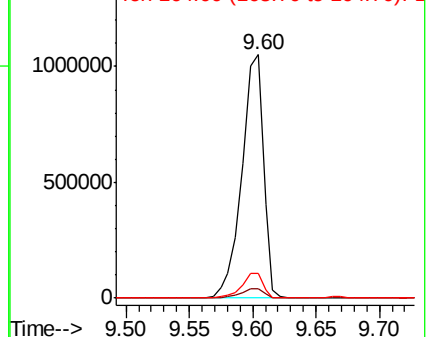
163 100

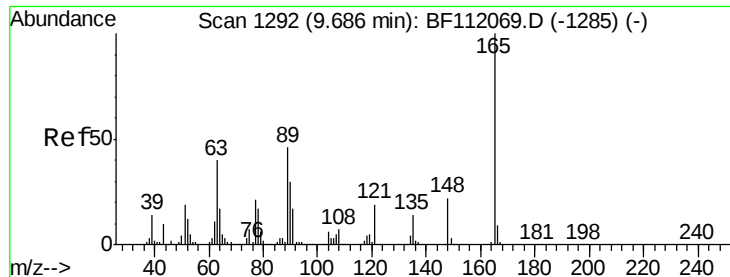
194 4.1 3.3 4.9

164 10.2 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

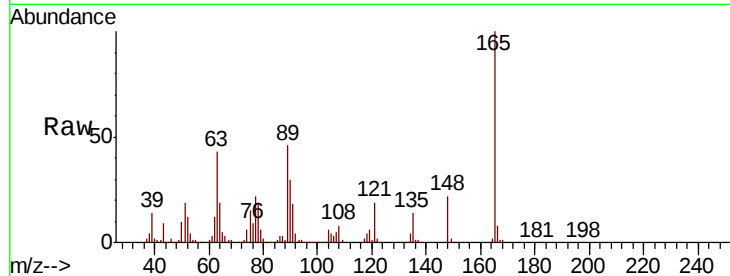




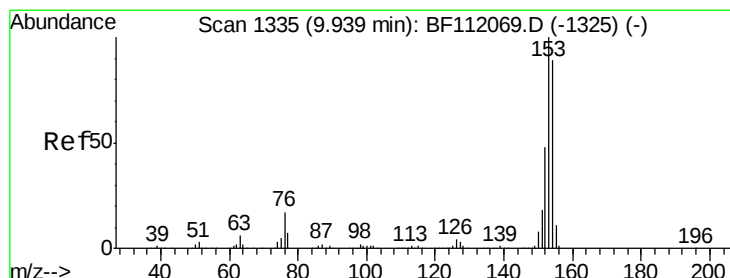
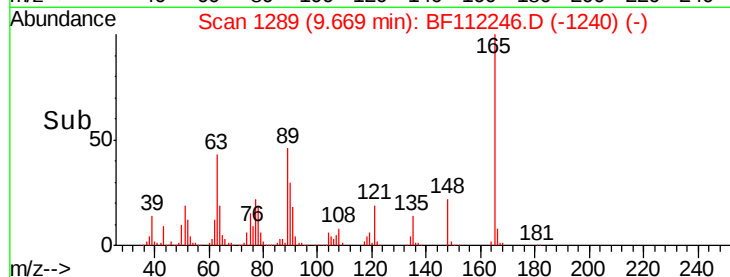
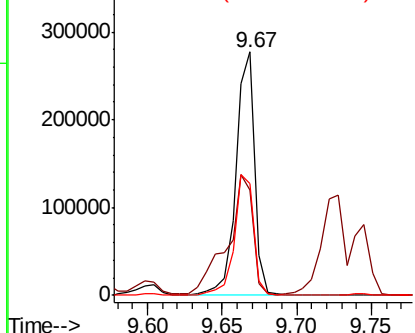
#51
2,6-Dinitrotoluene
Concen: 42.529 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Instrument :
BNA_F
ClientSampleId :
S4MS

Tgt Ion:165 Resp: 244027
Ion Ratio Lower Upper
165 100
63 43.4 33.8 50.8
89 45.8 36.9 55.3

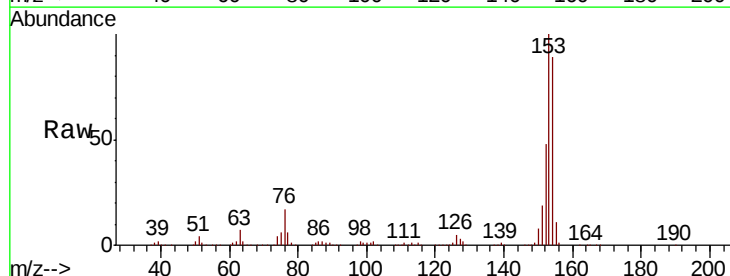


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

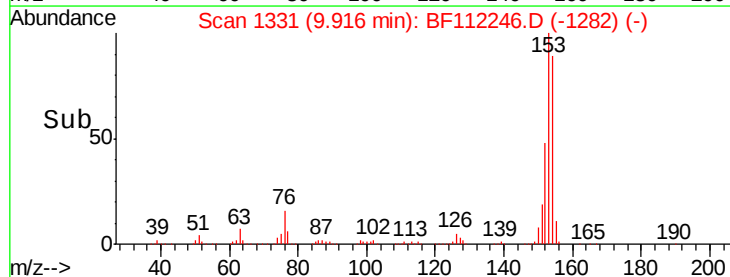
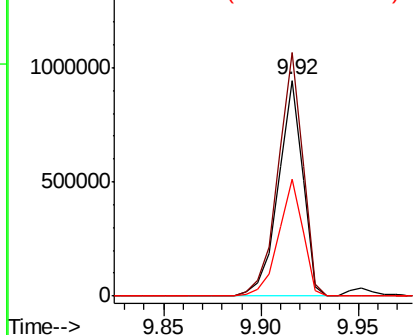


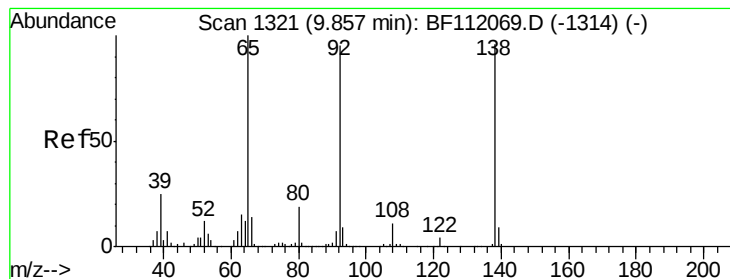
#52
Acenaphthene
Concen: 42.208 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Tgt Ion:154 Resp: 826159
Ion Ratio Lower Upper
154 100
153 112.9 89.8 134.6
152 54.1 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: 28.472 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampled :

S4MS

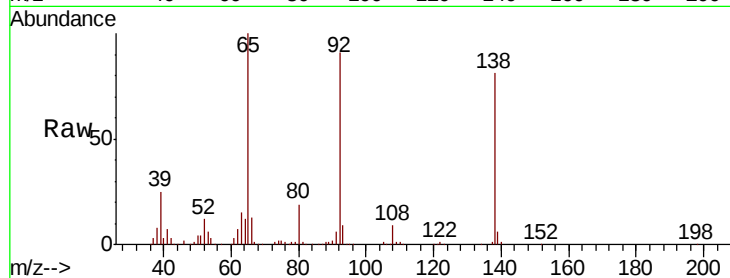
Tgt Ion:138 Resp: 176987

Ion Ratio Lower Upper

138 100

108 10.7 9.8 14.6

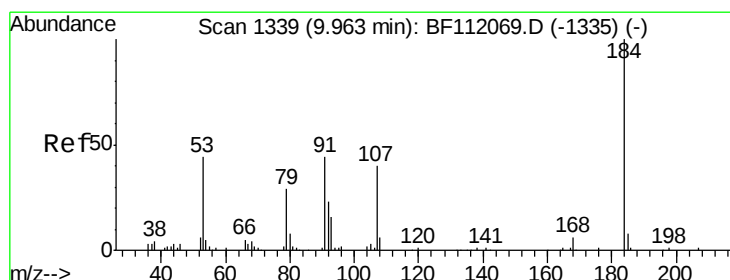
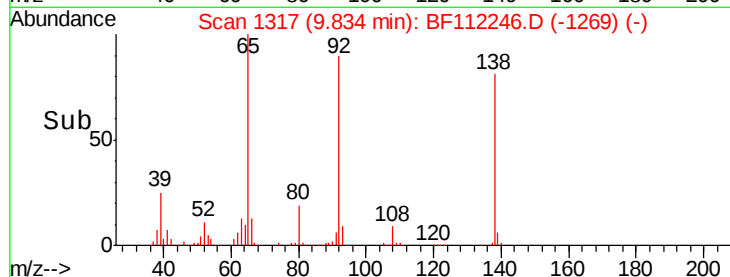
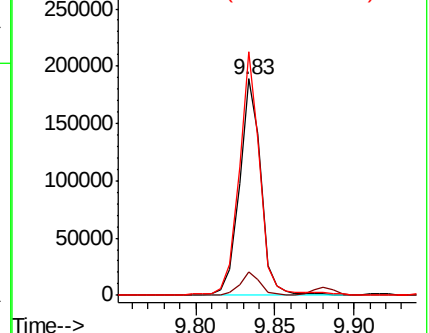
92 112.5 79.4 119.2



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: 29.607 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

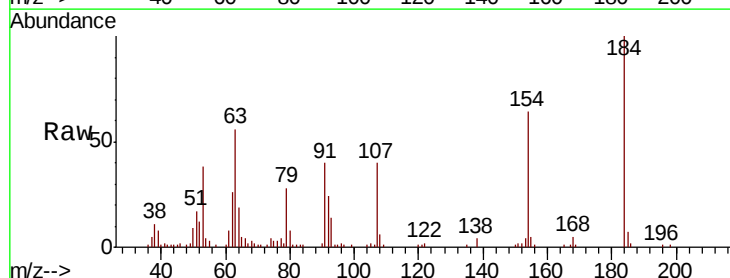
Tgt Ion:184 Resp: 54519

Ion Ratio Lower Upper

184 100

63 55.6 47.1 70.7

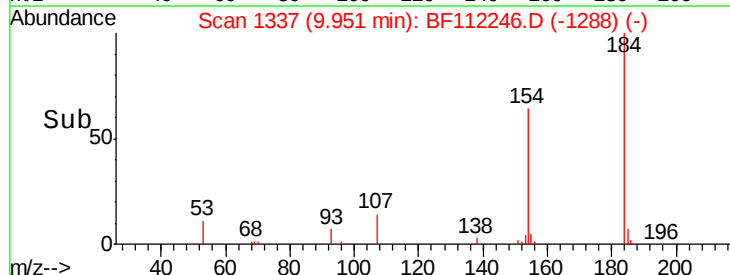
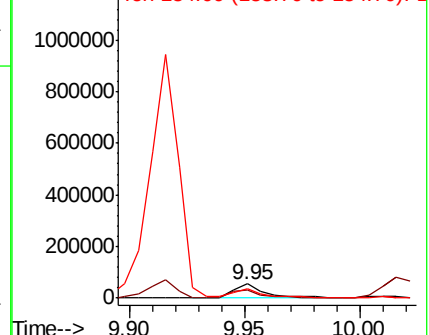
154 63.7 48.9 73.3

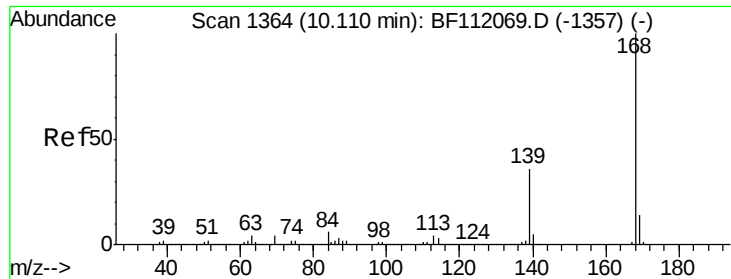


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

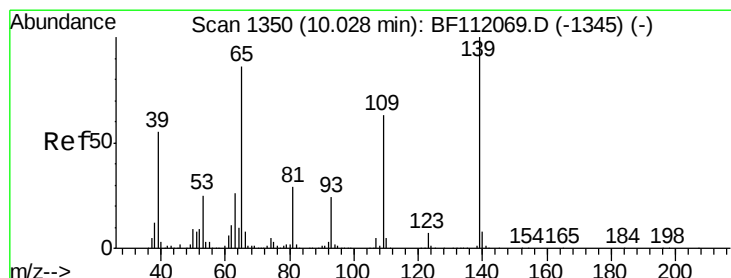
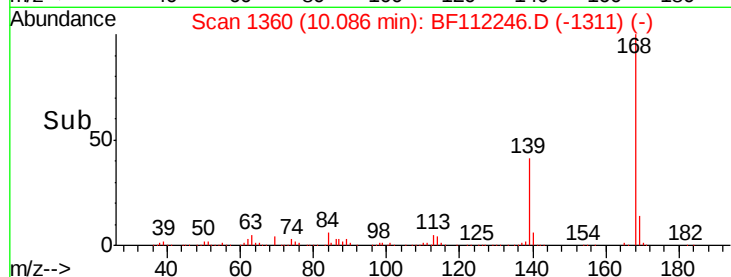
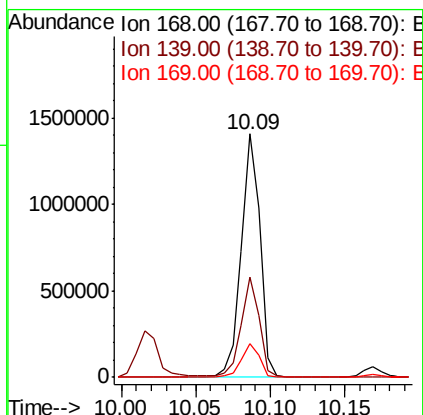
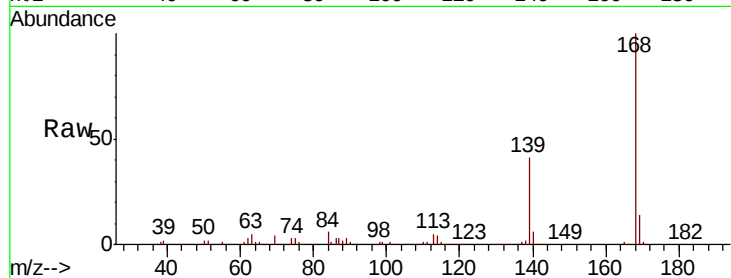




#55
 Dibenzofuran
 Concen: 41.443 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF112246.D
 Acq: 25 Jan 2019 21:50

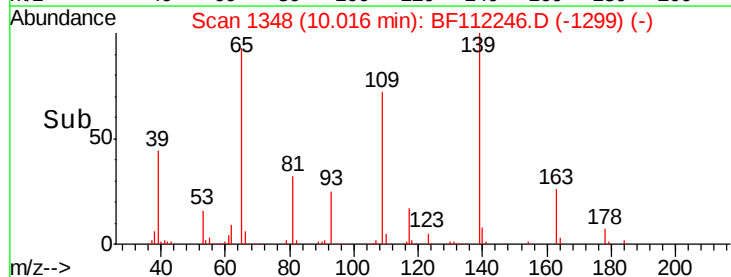
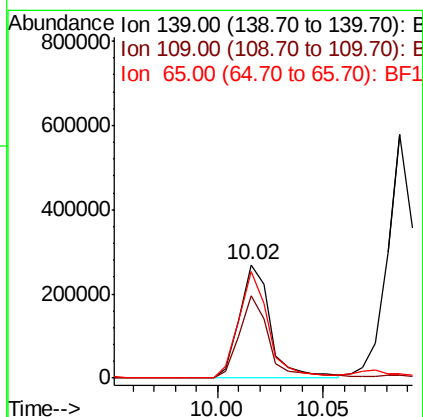
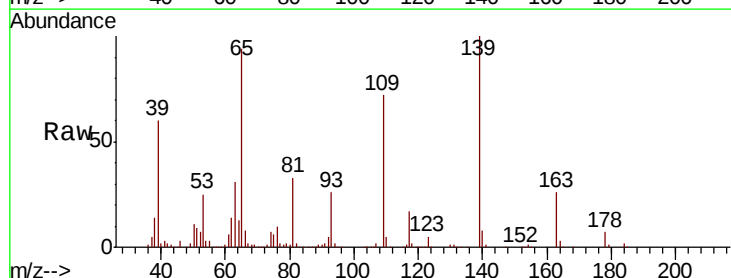
Instrument :
 BNA_F
 ClientSampleId :
 S4MS

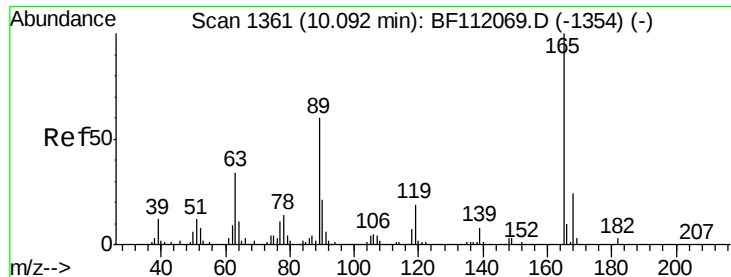
Tgt Ion:168 Resp: 1239610
 Ion Ratio Lower Upper
 168 100
 139 41.0 29.2 43.8
 169 14.0 11.4 17.0



#56
 4-Nitrophenol
 Concen: 83.105 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF112246.D
 Acq: 25 Jan 2019 21:50

Tgt Ion:139 Resp: 273122
 Ion Ratio Lower Upper
 139 100
 109 72.4 42.8 82.8
 65 94.4 66.1 106.1

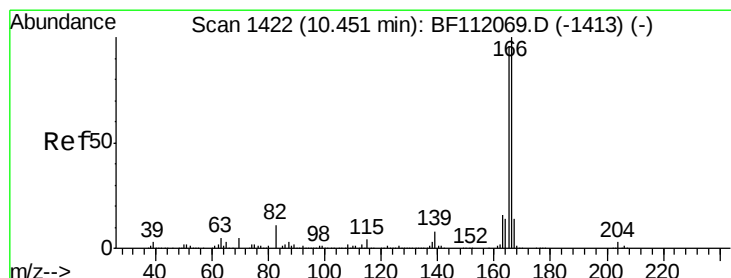
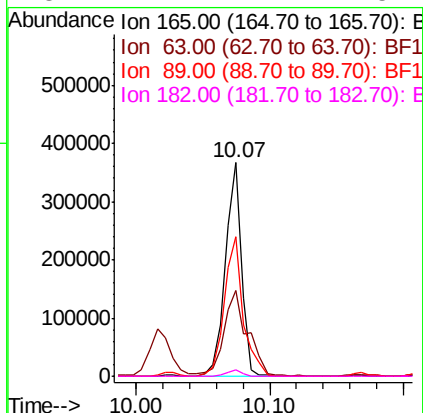
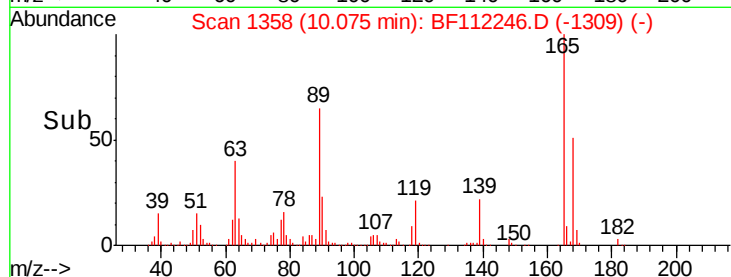
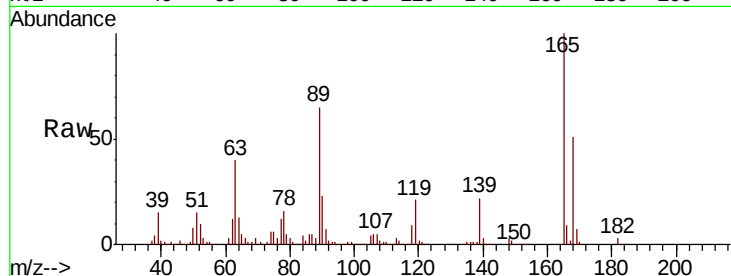




#57
2,4-Dinitrotoluene
Concen: 43.319 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

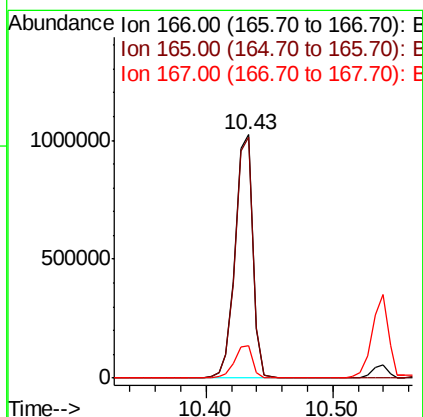
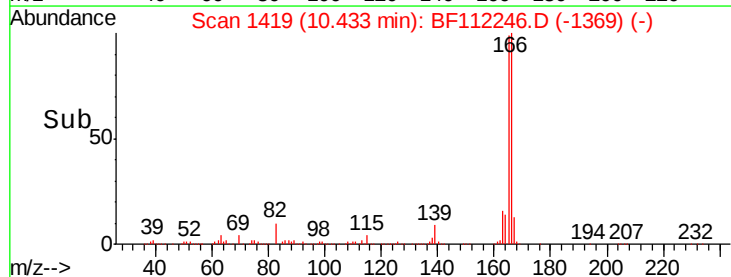
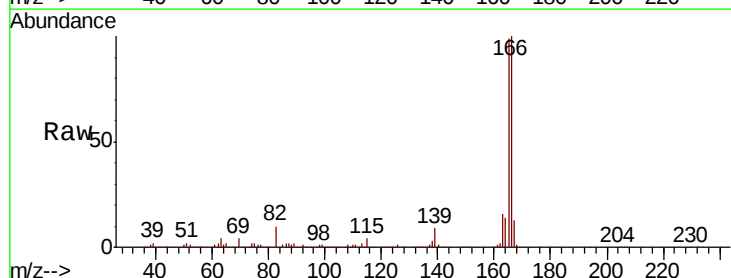
Instrument :
BNA_F
ClientSampleId :
S4MS

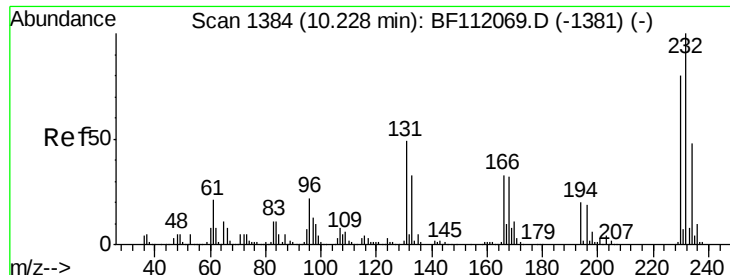
Tgt Ion:165 Resp: 316432
Ion Ratio Lower Upper
165 100
63 40.2 27.9 41.9
89 65.1 47.9 71.9
182 2.7 2.2 3.4



#58
Fluorene
Concen: 43.603 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Tgt Ion:166 Resp: 975987
Ion Ratio Lower Upper
166 100
165 99.2 77.1 115.7
167 13.1 11.3 16.9

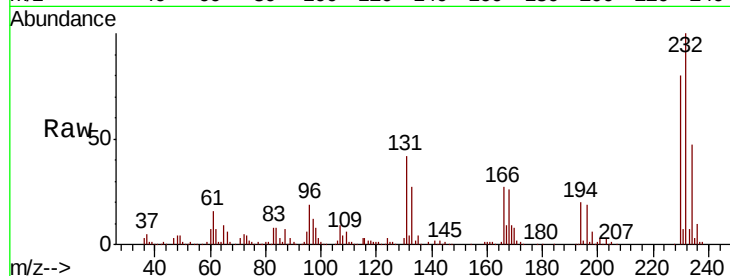




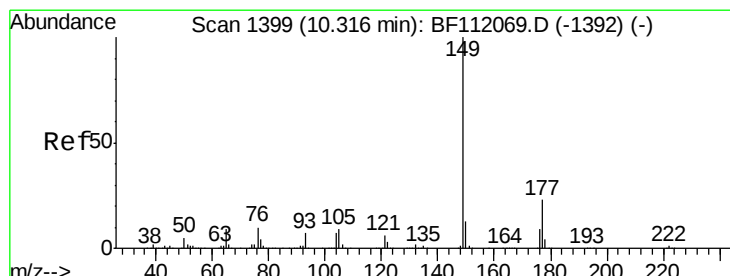
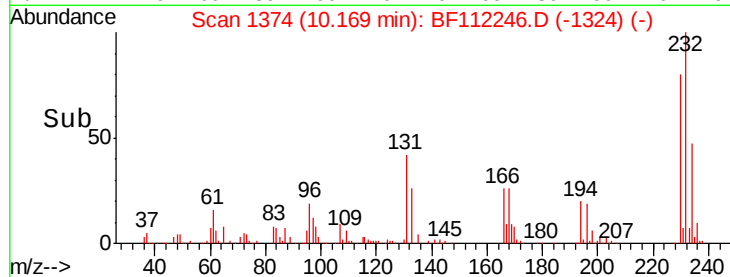
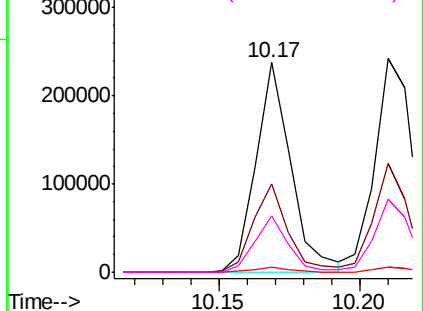
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.186 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF112246.D
 Acq: 25 Jan 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 S4MS

Tgt Ion:	232	Resp:	204863
Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.9	50.9
130	2.6	1.8	2.6
166	26.2	23.6	35.4

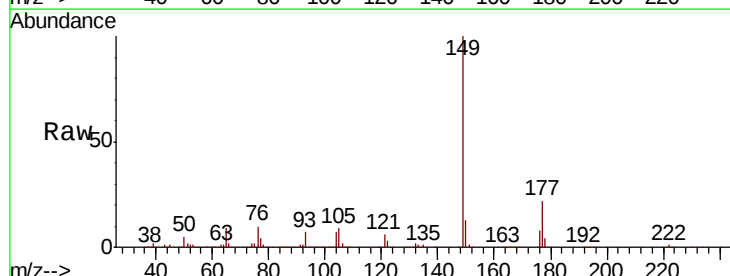


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

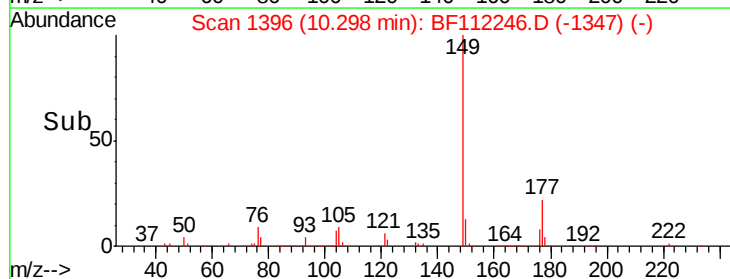
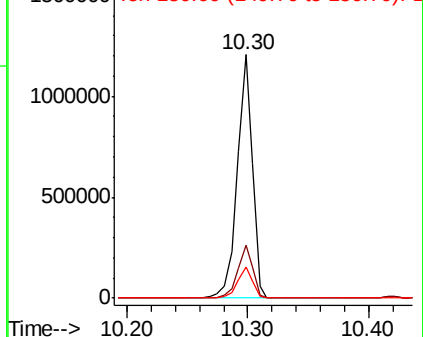


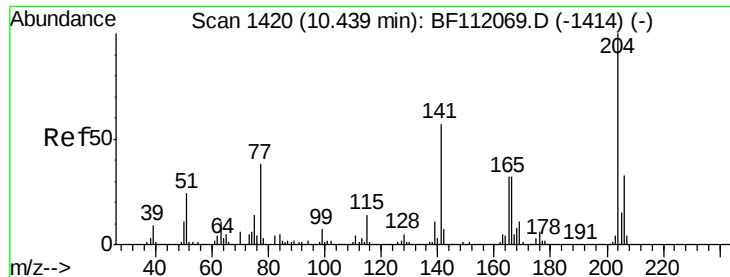
#60
 Diethylphthalate
 Concen: 41.478 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF112246.D
 Acq: 25 Jan 2019 21:50

Tgt Ion:	149	Resp:	1054578
Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.2	27.2
150	12.7	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

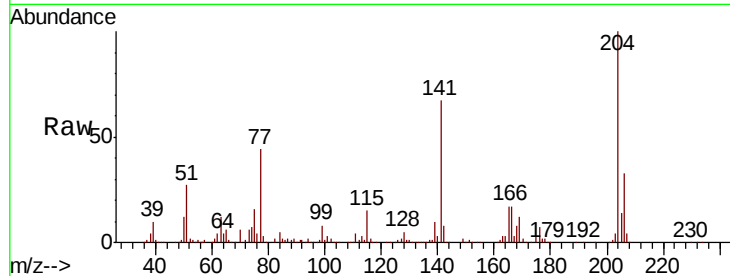




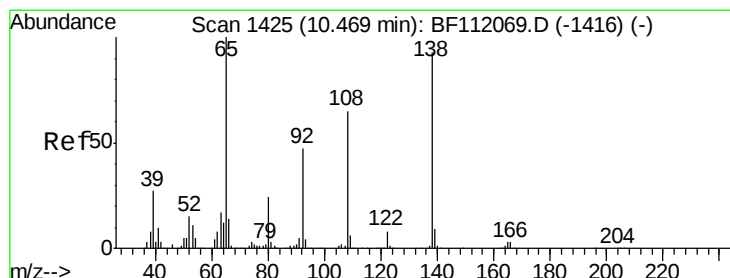
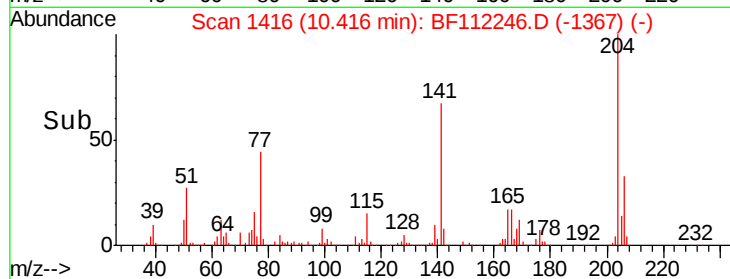
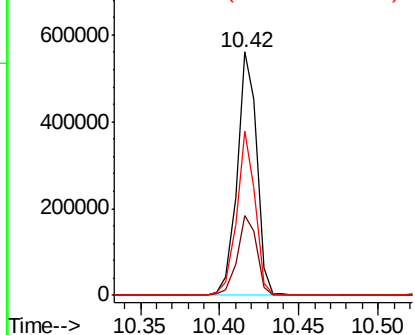
#61
4-Chlorophenyl-phenylether
Concen: 39.527 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Instrument :
BNA_F
ClientSampled :
S4MS

Tgt Ion:204 Resp: 481276
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 67.3 45.9 68.9

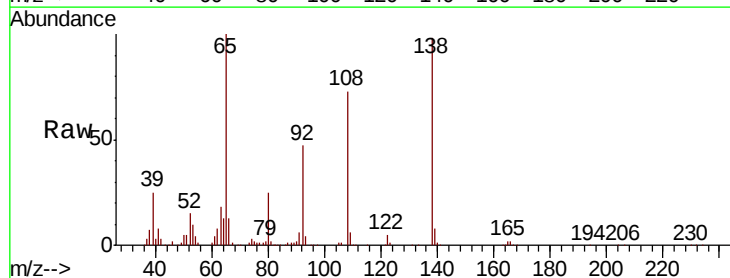


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

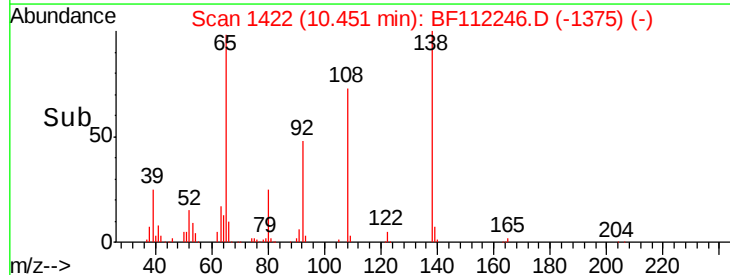
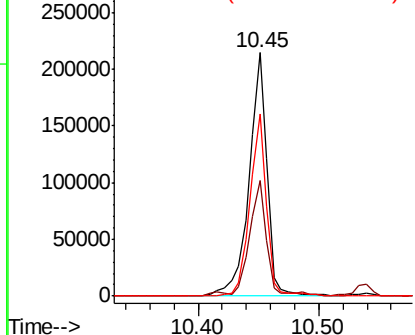


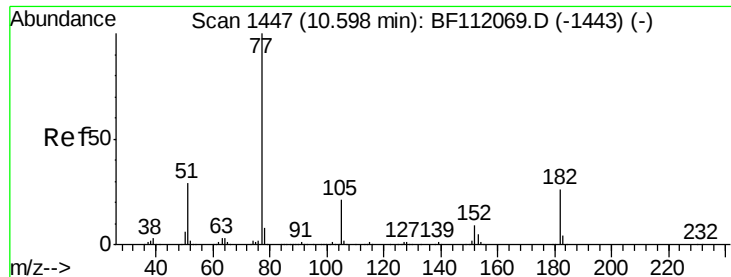
#62
4-Nitroaniline
Concen: 36.733 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Tgt Ion:138 Resp: 223969
Ion Ratio Lower Upper
138 100
92 47.7 30.6 70.6
108 75.0 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: 40.510 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampleId :

S4MS

Tgt Ion: 77 Resp: 905821

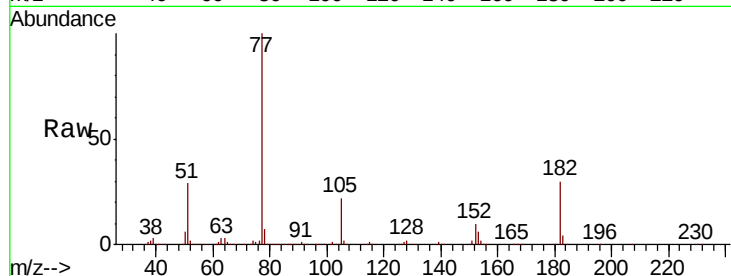
Ion Ratio Lower Upper

77 100

182 29.9 5.7 45.7

105 22.1 1.4 41.4

51 28.8 9.5 49.5

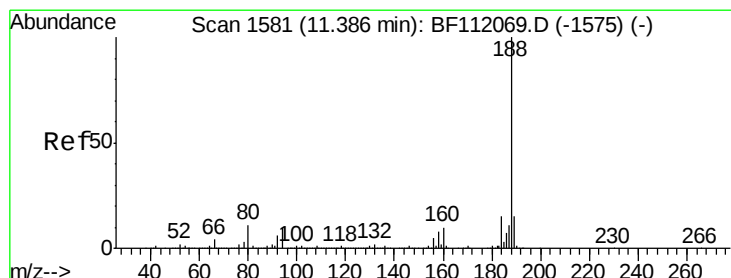
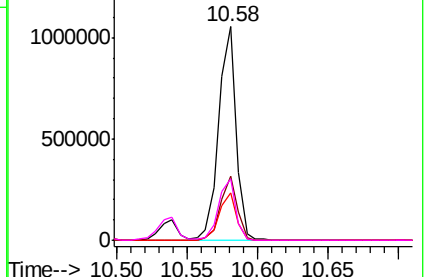
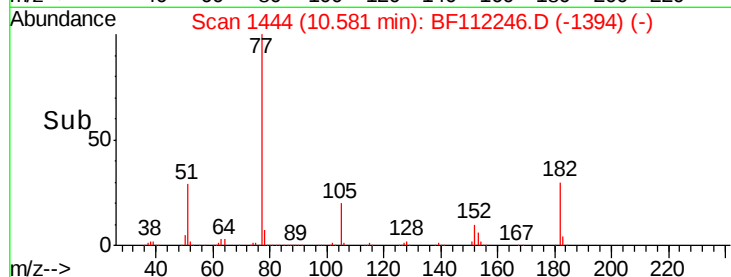


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

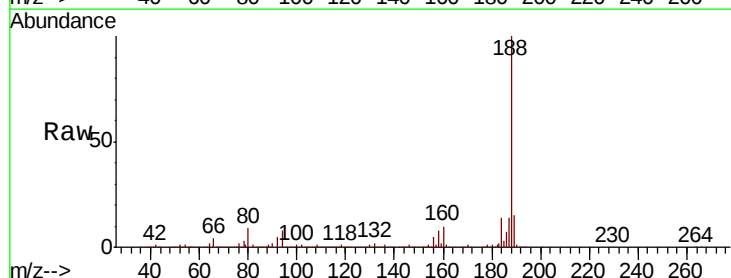
Tgt Ion: 188 Resp: 592378

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

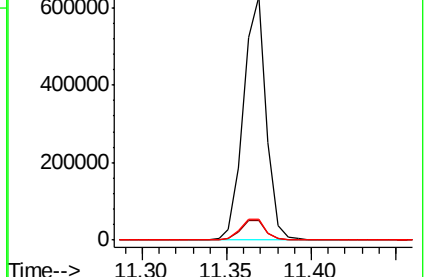
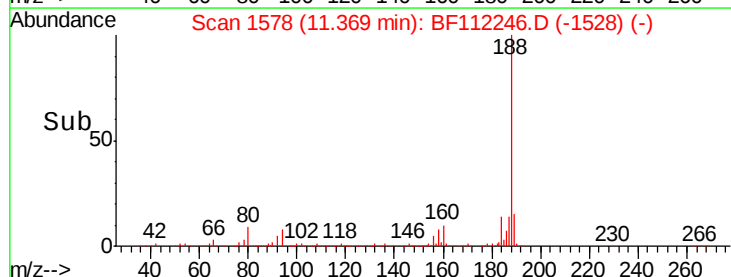
80 8.8 8.9 13.3#

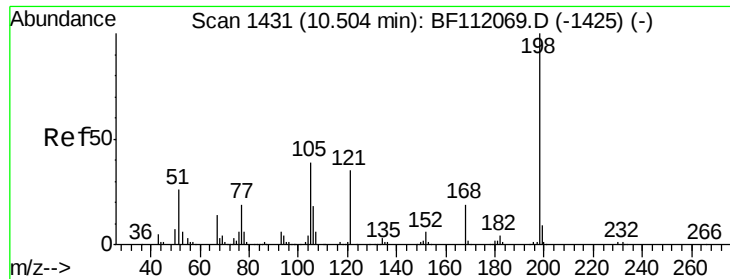


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

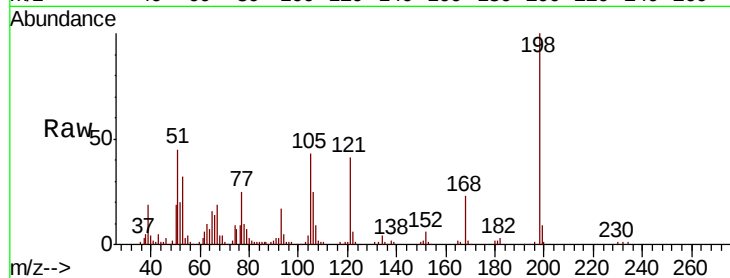




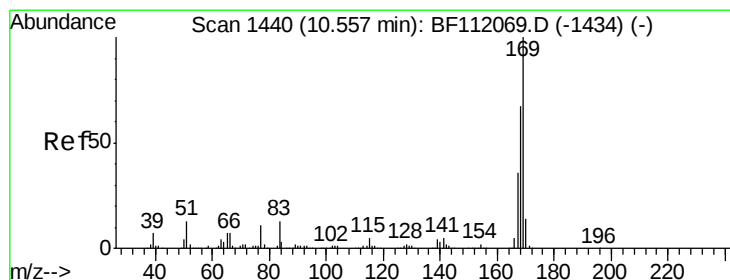
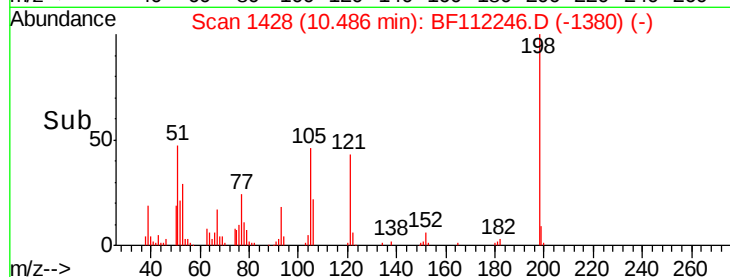
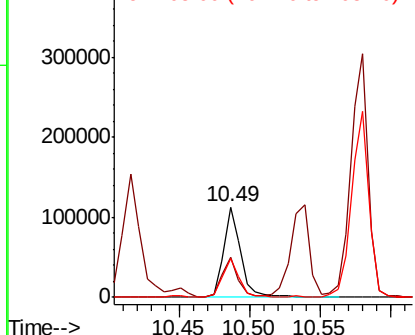
#65
4,6-Dinitro-2-methylphenol
Concen: 28.619 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Instrument :
BNA_F
ClientSampleId :
S4MS

Tgt Ion:198 Resp: 95051
Ion Ratio Lower Upper
198 100
51 44.8 17.2 57.2
105 43.4 21.9 61.9

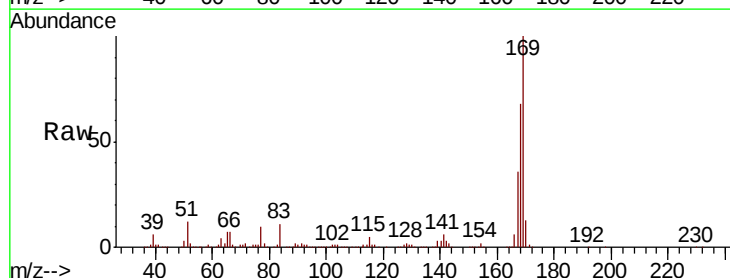


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

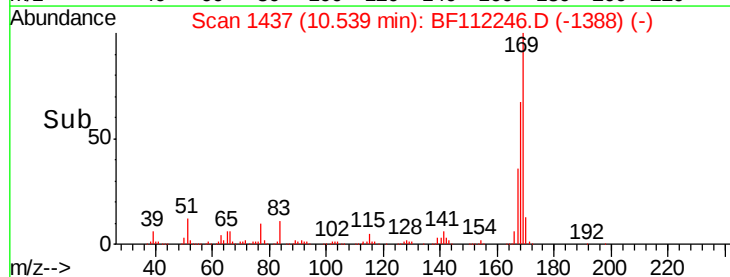
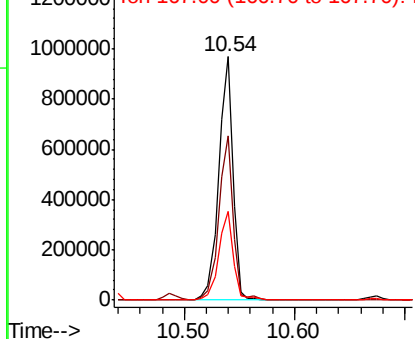


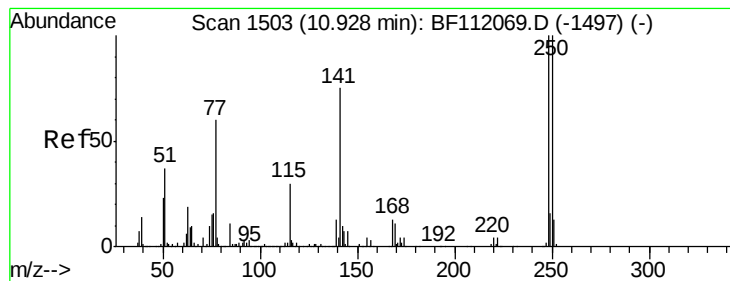
#66
n-Nitrosodiphenylamine
Concen: 43.551 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Tgt Ion:169 Resp: 869478
Ion Ratio Lower Upper
169 100
168 67.5 53.9 80.9
167 36.4 28.9 43.3



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





#67

4-Bromophenyl-phenylether

Concen: 41.851 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampleId :

S4MS

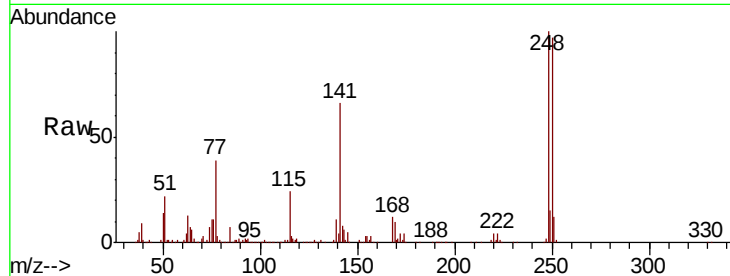
Tgt Ion:248 Resp: 291583

Ion Ratio Lower Upper

248 100

250 97.4 79.7 119.5

141 65.8 60.3 90.5

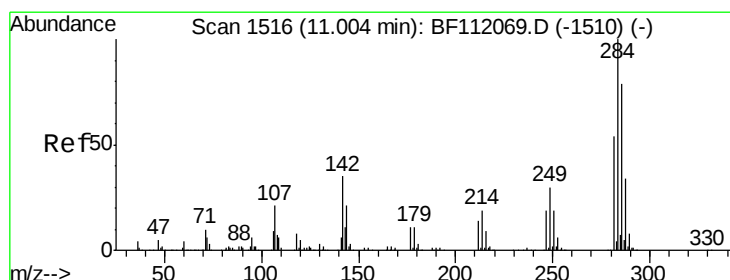
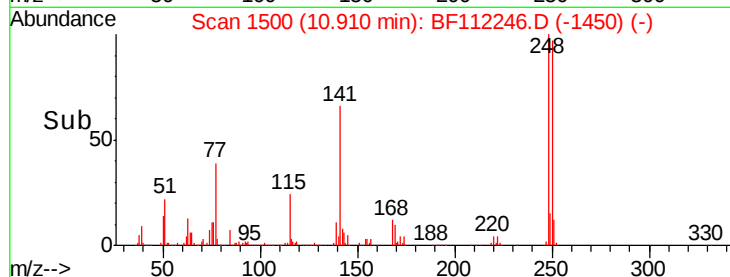
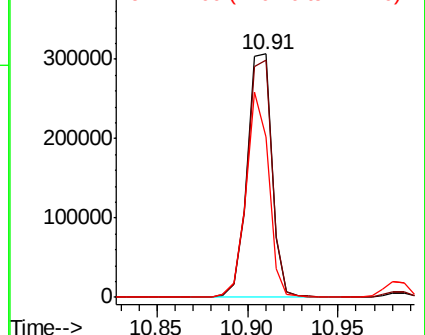


Abundance

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: 41.434 ng

RT: 10.99 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

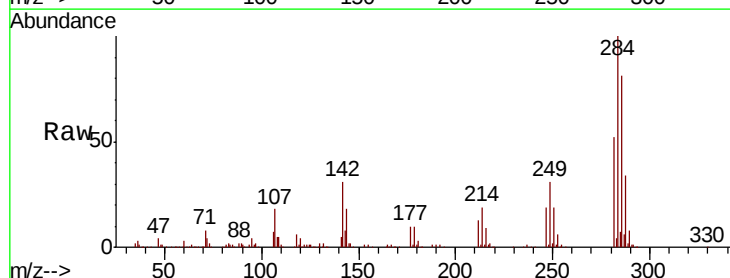
Tgt Ion:284 Resp: 309717

Ion Ratio Lower Upper

284 100

142 31.1 27.6 41.4

249 30.7 24.1 36.1

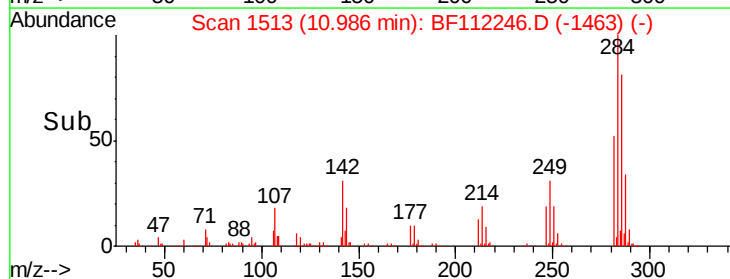
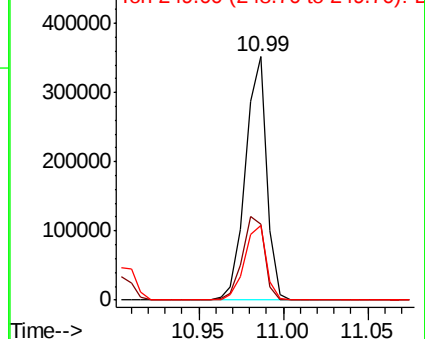


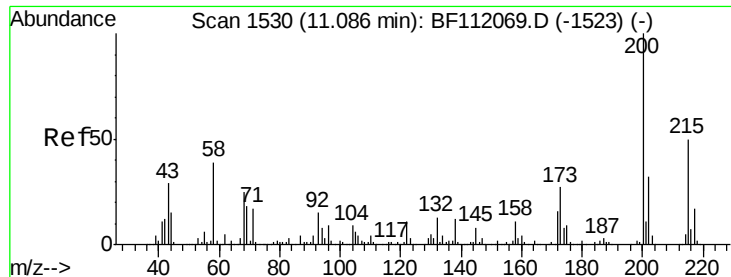
Abundance

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

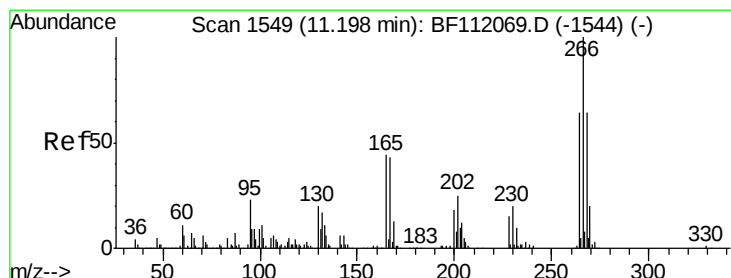
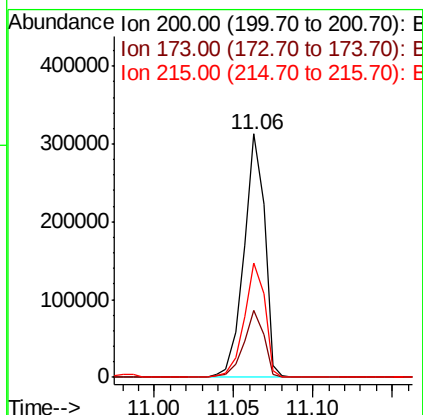
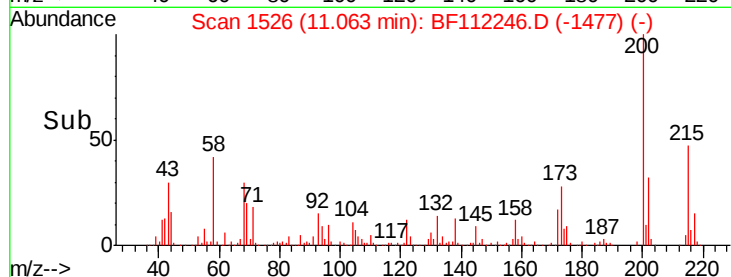
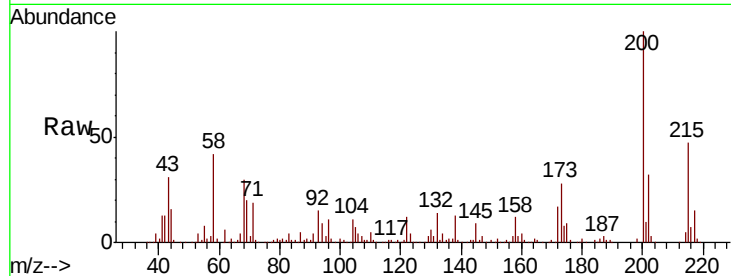




#69
Atrazine
Concen: 43.923 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

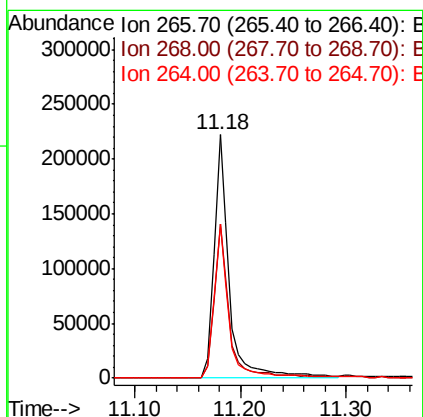
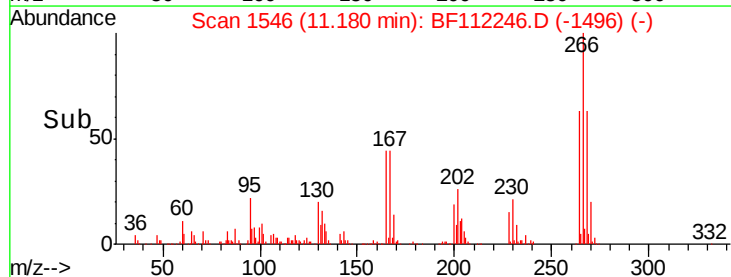
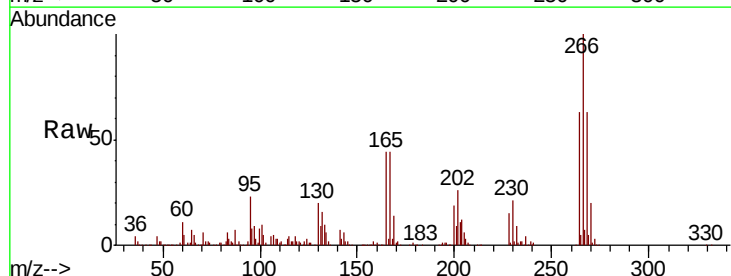
Instrument :
BNA_F
ClientSampleId :
S4MS

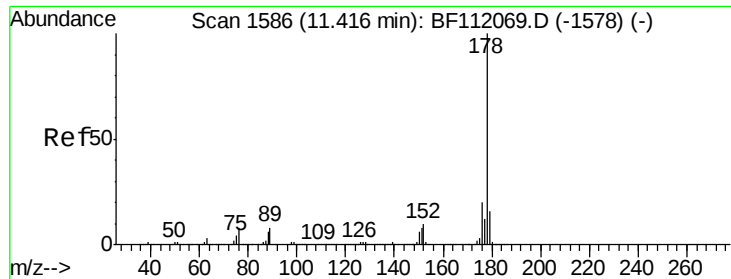
Tgt Ion:200 Resp: 282954
Ion Ratio Lower Upper
200 100
173 27.5 7.1 47.1
215 47.1 30.4 70.4



#70
Pentachlorophenol
Concen: 78.324 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Tgt Ion:266 Resp: 227810
Ion Ratio Lower Upper
266 100
268 63.2 51.2 76.8
264 63.4 50.9 76.3

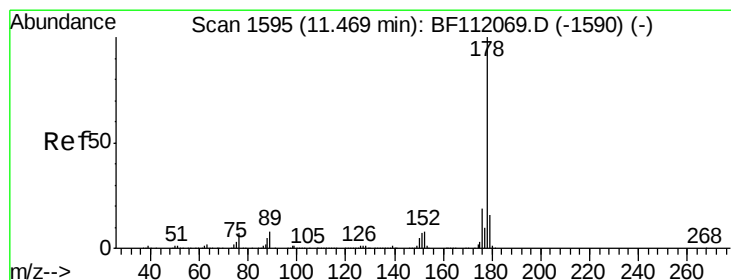
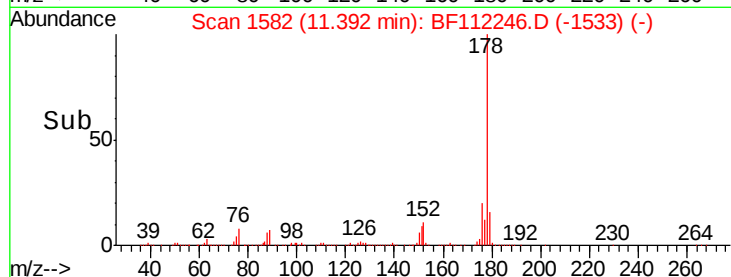
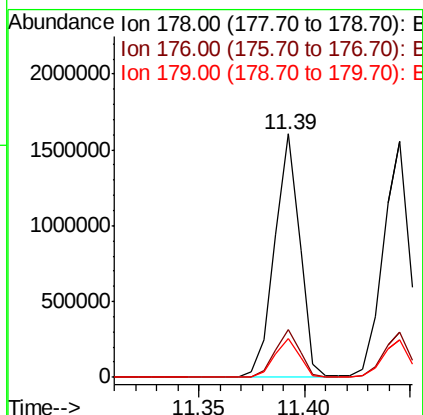
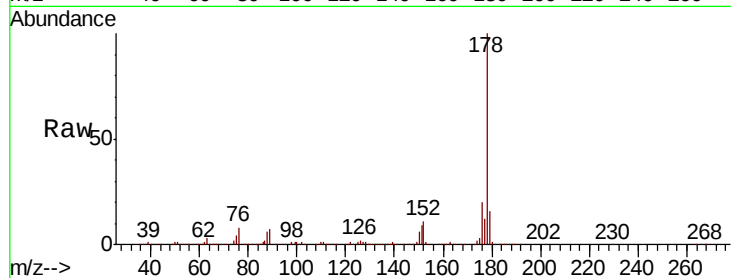




#71
Phenanthrene
Concen: 43.337 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

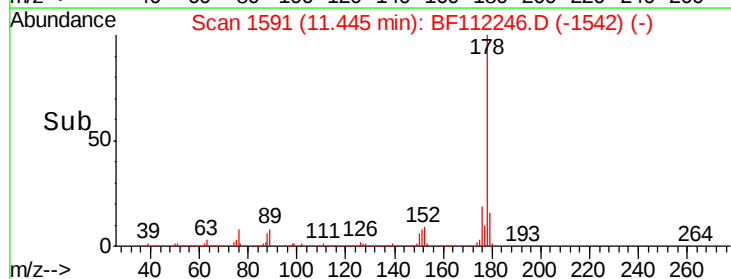
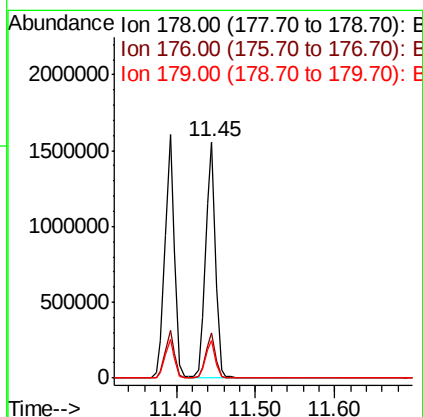
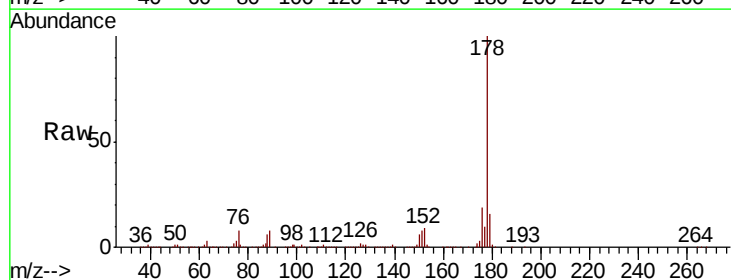
Instrument :
BNA_F
ClientSampleId :
S4MS

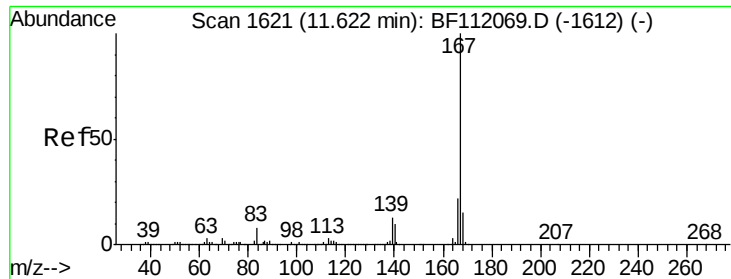
Tgt Ion:178 Resp: 1334631
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 16.0 13.0 19.4



#72
Anthracene
Concen: 44.702 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Tgt Ion:178 Resp: 1371359
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.7 12.8 19.2

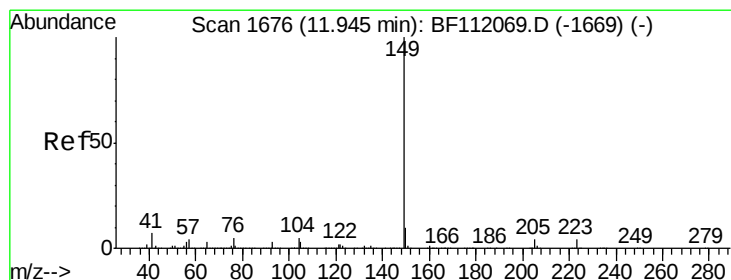
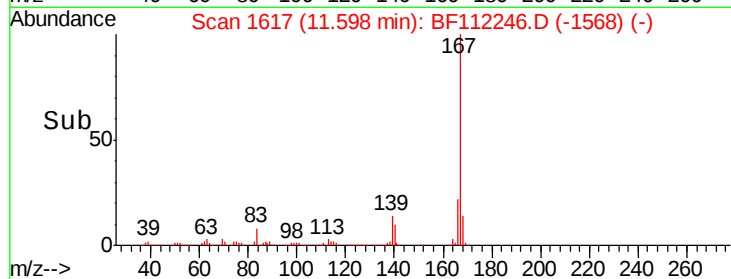
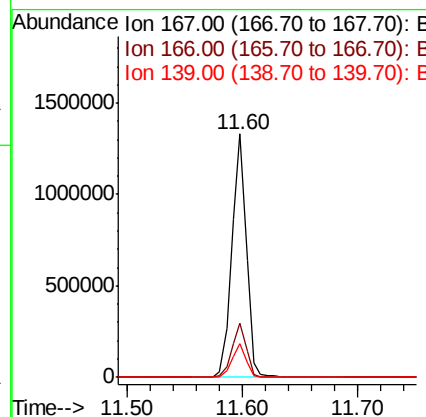
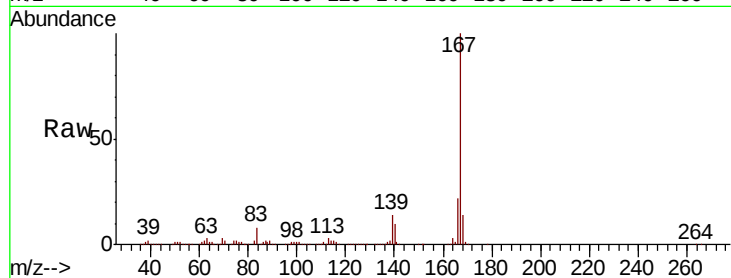




#73
 Carbazole
 Concen: 38.065 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112246.D
 Acq: 25 Jan 2019 21:50

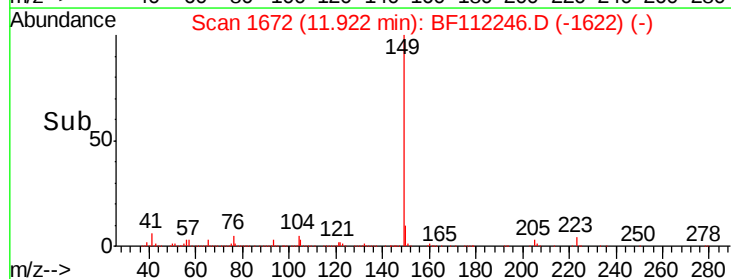
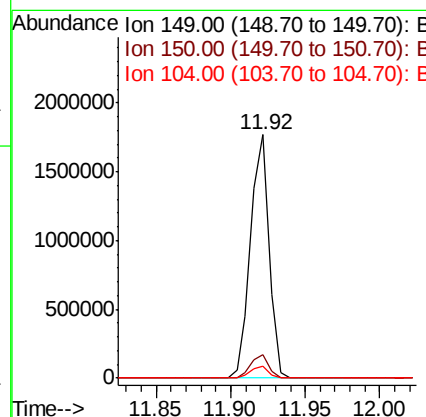
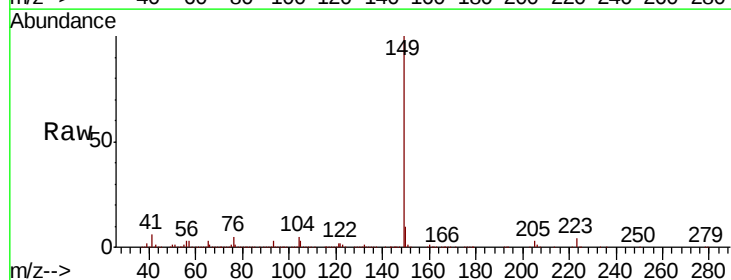
Instrument :
 BNA_F
 ClientSampleId :
 S4MS

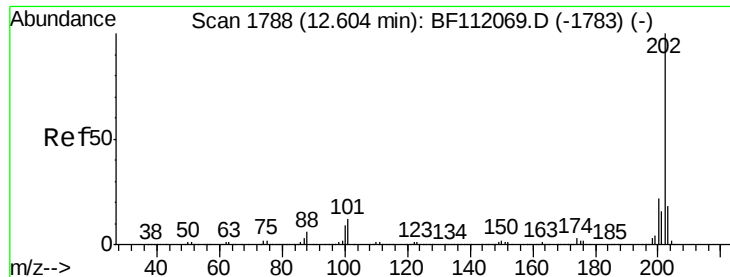
Tgt Ion:167 Resp: 1151873
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 13.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 40.599 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF112246.D
 Acq: 25 Jan 2019 21:50

Tgt Ion:149 Resp: 1524942
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.1 12.1
 104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 36.977 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampleId :

S4MS

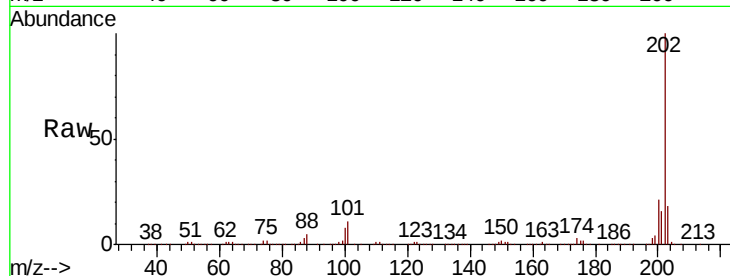
Tgt Ion:202 Resp: 1221417

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.8

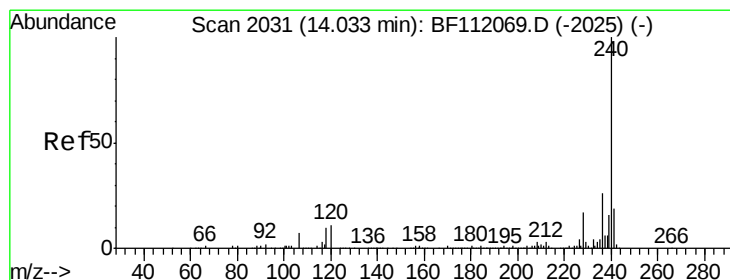
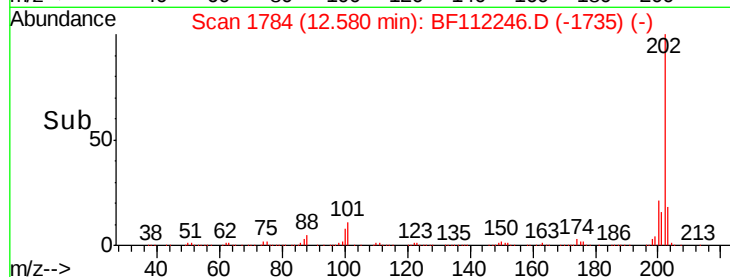
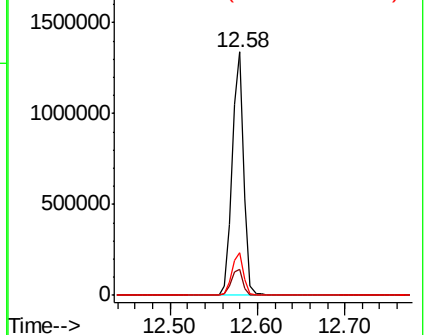
203 17.6 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

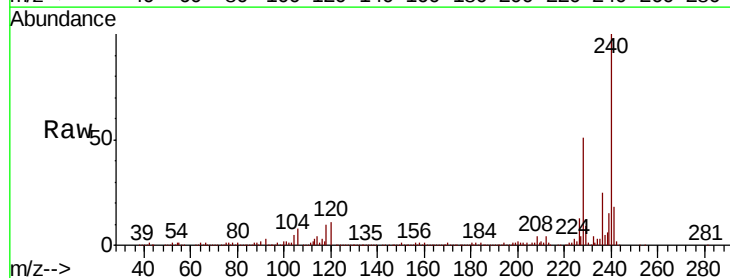
Tgt Ion:240 Resp: 340384

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.6

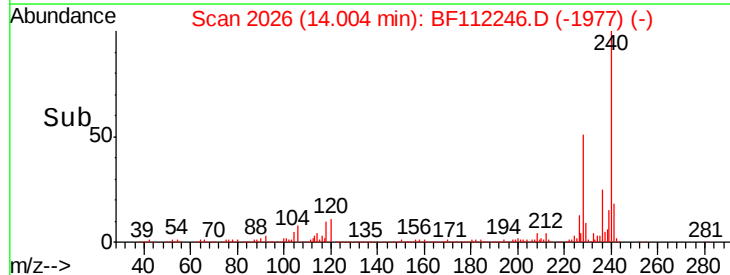
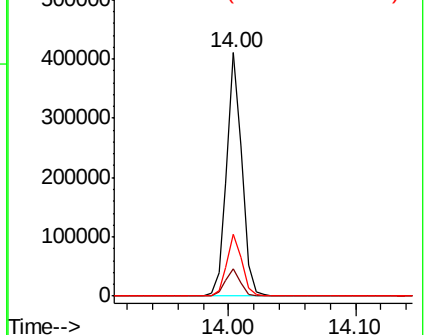
236 25.4 20.7 31.1

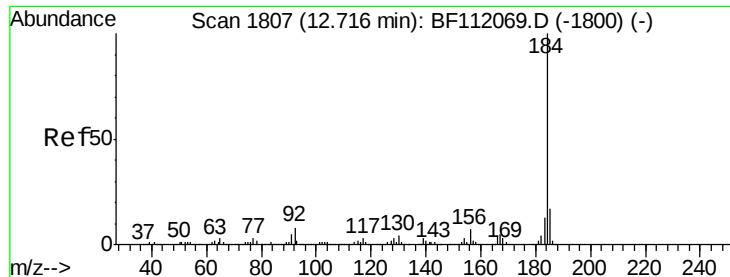


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

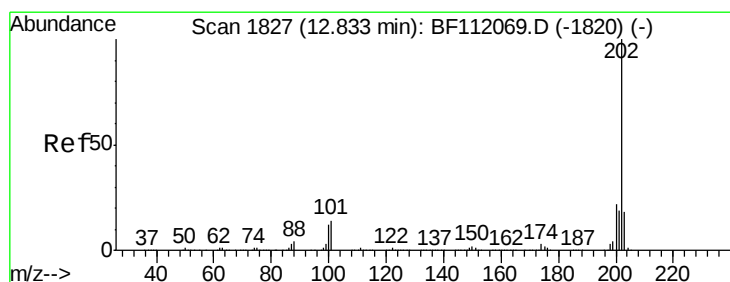
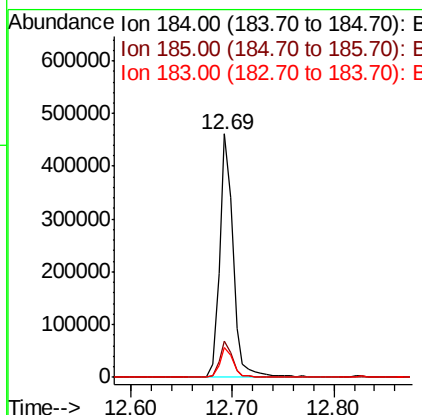
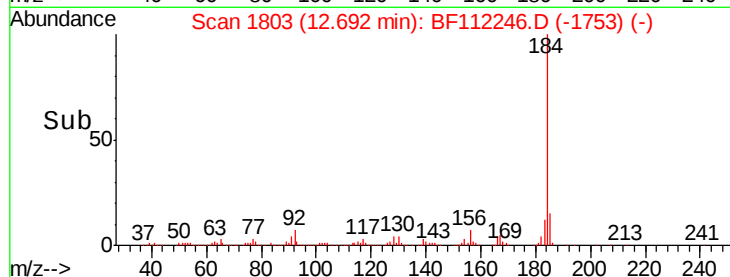
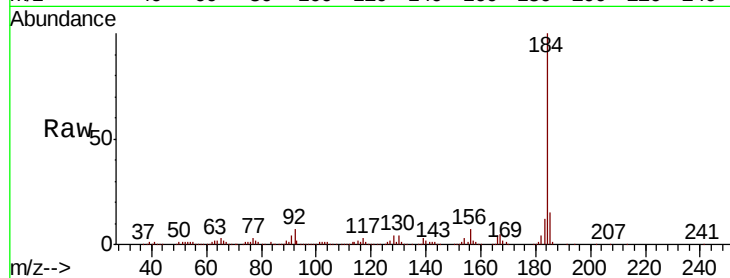




#77
Benzidine
Concen: 45.568 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

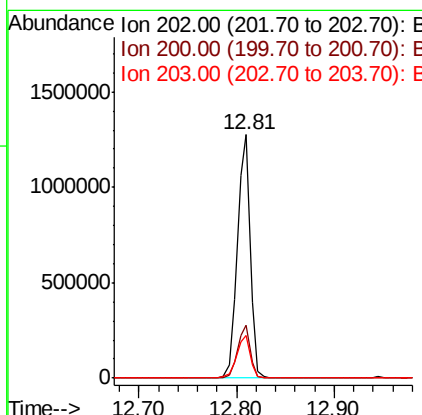
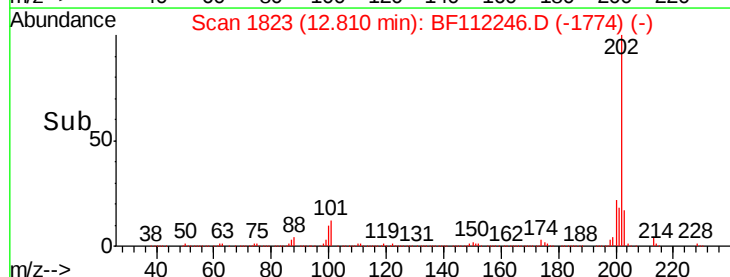
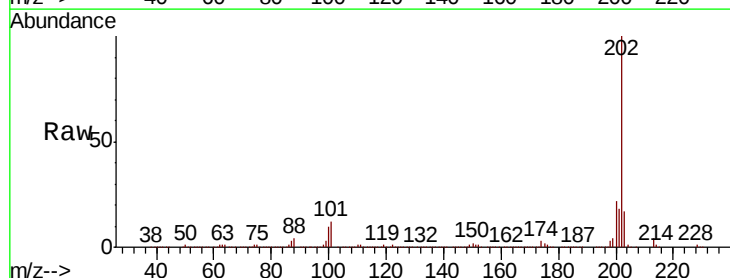
Instrument :
BNA_F
ClientSampleId :
S4MS

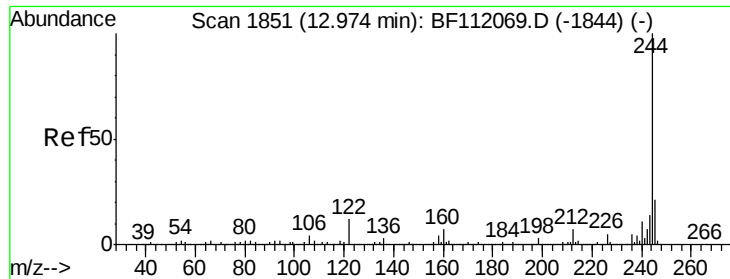
Tgt Ion:184 Resp: 426903
Ion Ratio Lower Upper
184 100
185 14.9 13.9 20.9
183 12.2 10.0 15.0



#78
Pyrene
Concen: 49.463 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Tgt Ion:202 Resp: 1165664
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 17.5 14.6 22.0





#79

Terphenyl-d14

Concen: 81.112 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampleId :

S4MS

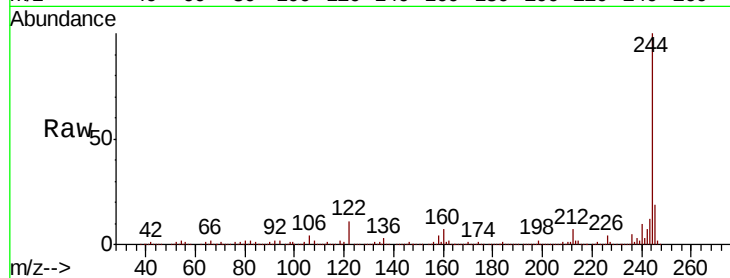
Tgt Ion:244 Resp: 1465881

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

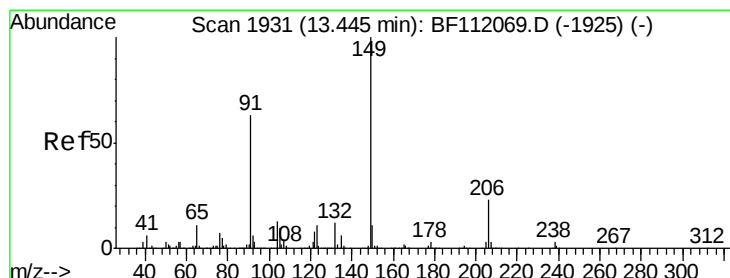
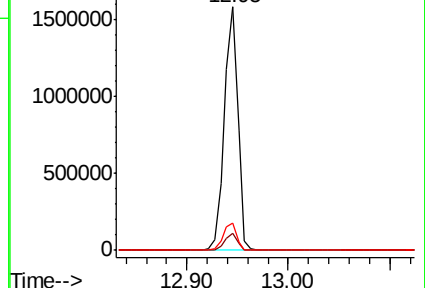
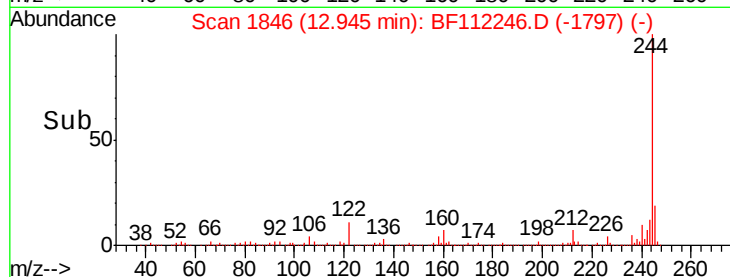
122 11.4 9.8 14.6



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: 45.821 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

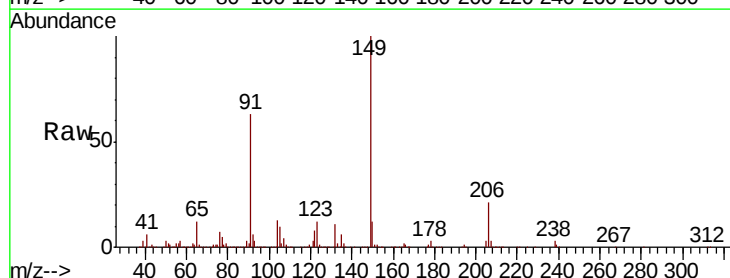
Tgt Ion:149 Resp: 522446

Ion Ratio Lower Upper

149 100

91 63.3 50.3 75.5

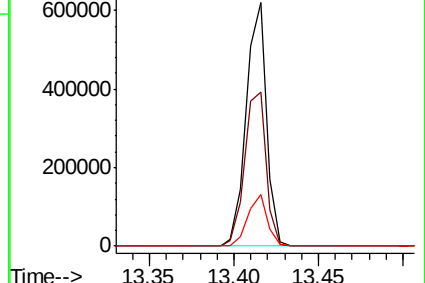
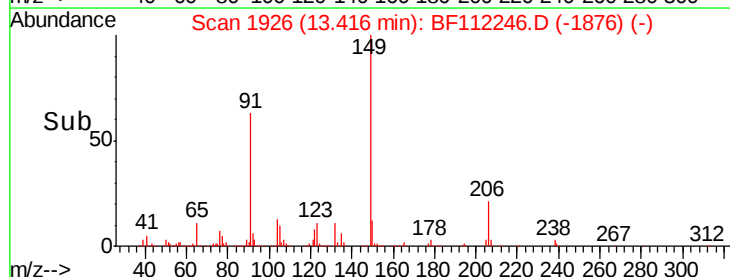
206 21.1 18.2 27.4

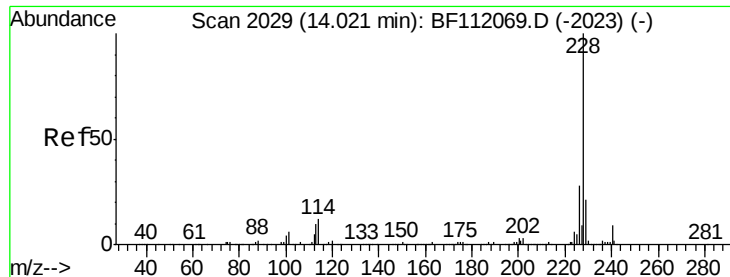


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.370 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampleId :

S4MS

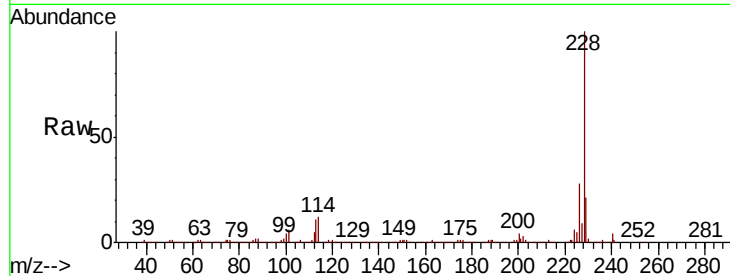
Tgt Ion:228 Resp: 867823

Ion Ratio Lower Upper

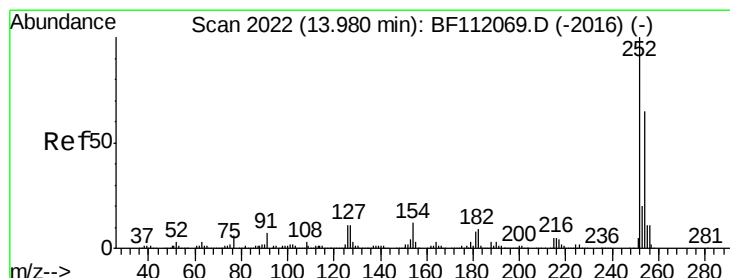
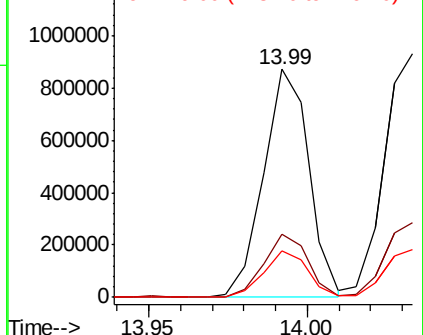
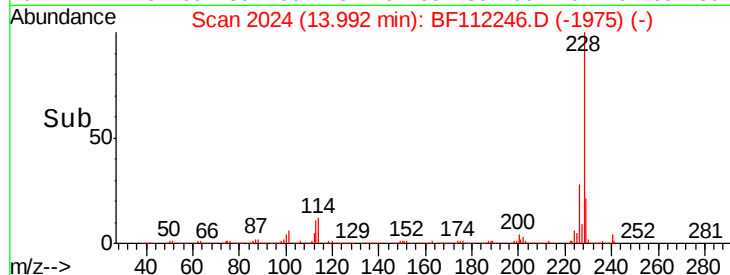
228 100

226 27.9 22.6 34.0

229 20.5 16.5 24.7



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



#82

3,3'-Dichlorobenzidine

Concen: 29.521 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

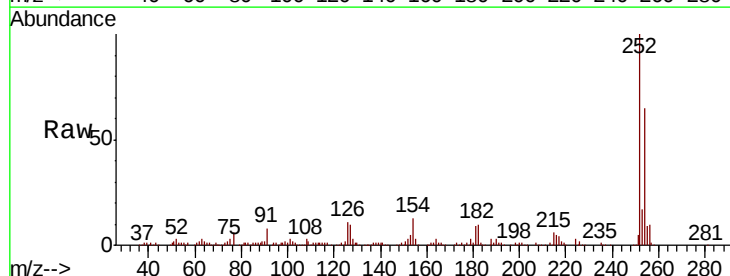
Tgt Ion:252 Resp: 221067

Ion Ratio Lower Upper

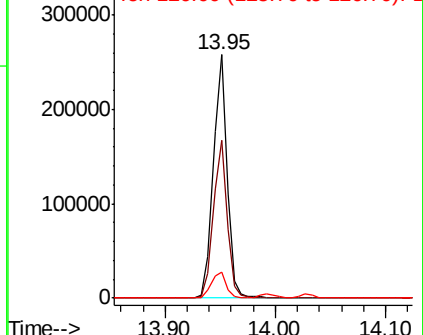
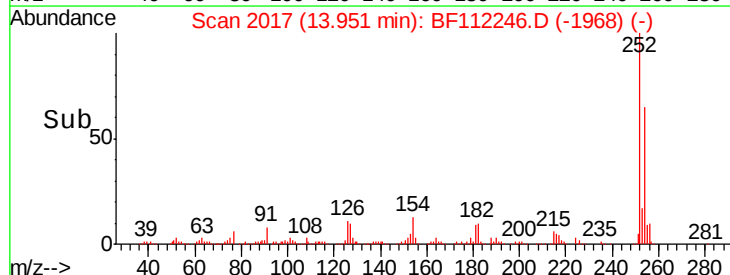
252 100

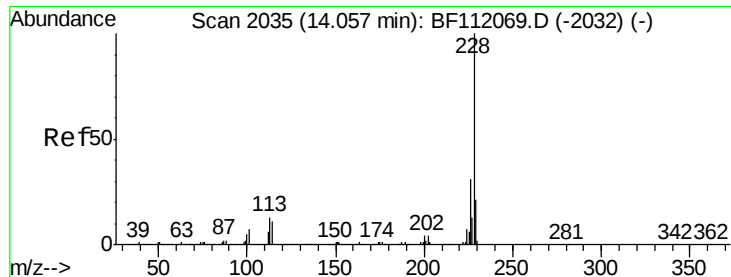
254 64.9 51.6 77.4

126 10.8 8.6 12.8



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





#83

Chrysene

Concen: 42.896 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampleId :

S4MS

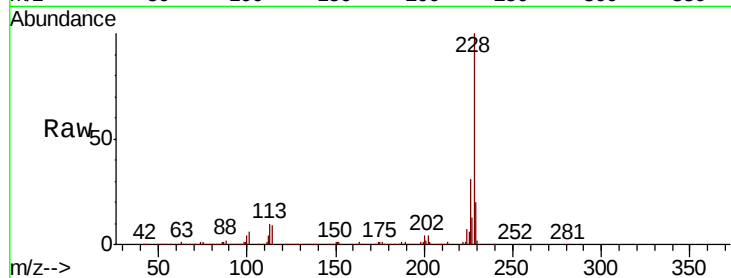
Tgt Ion: 228 Resp: 819313

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 19.7 16.6 24.8

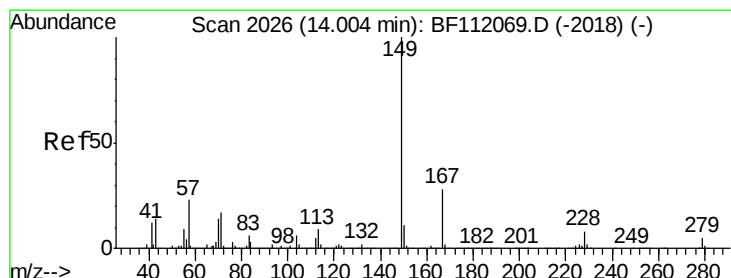
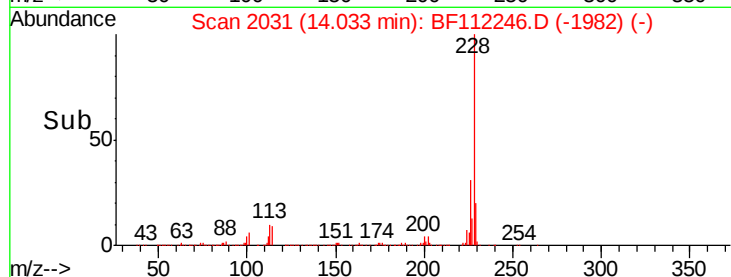
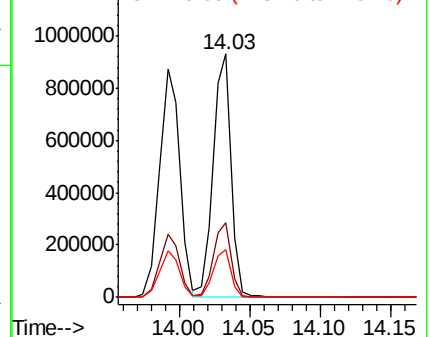


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.115 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

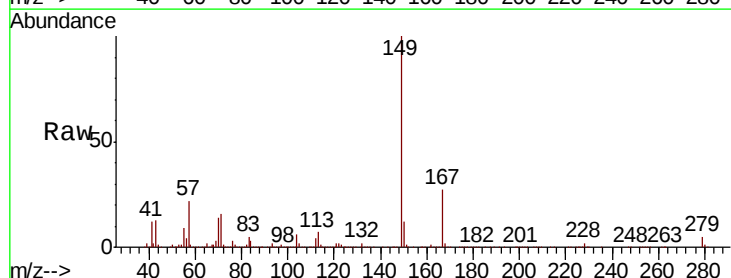
Tgt Ion: 149 Resp: 697803

Ion Ratio Lower Upper

149 100

167 26.7 22.5 33.7

279 4.5 3.8 5.6

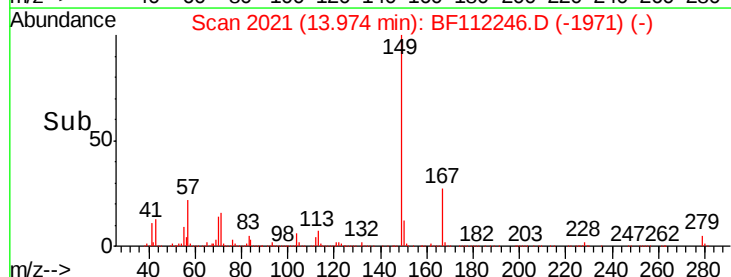
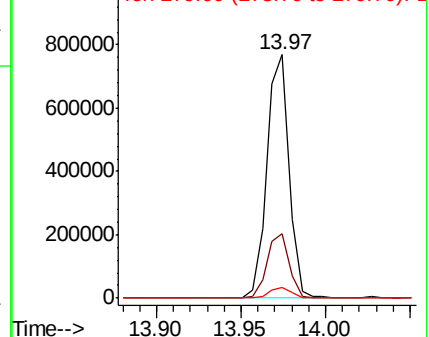


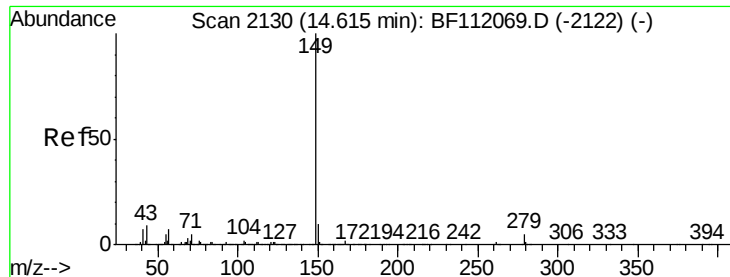
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

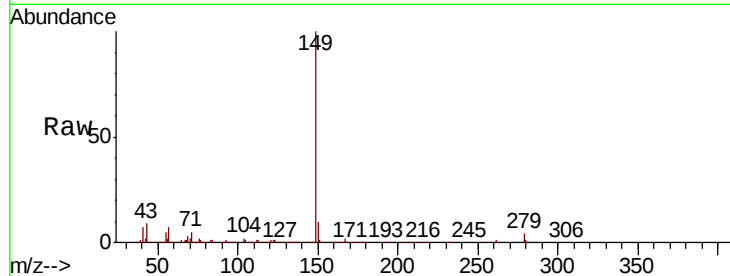




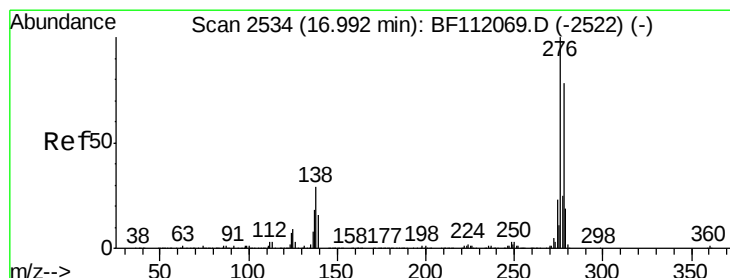
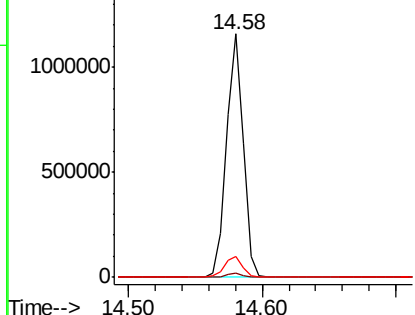
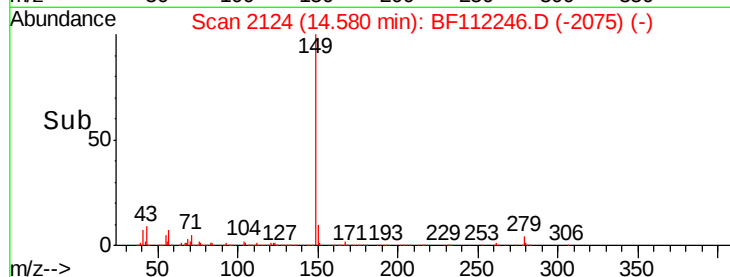
#85
Di-n-octyl phthalate
Concen: 41.288 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Instrument :
BNA_F
ClientSampleId :
S4MS

Tgt Ion:149 Resp: 1028098
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.5 7.8 11.6

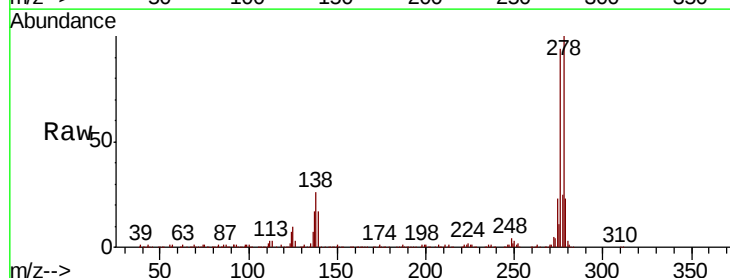


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

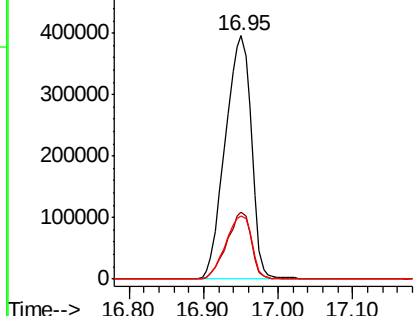
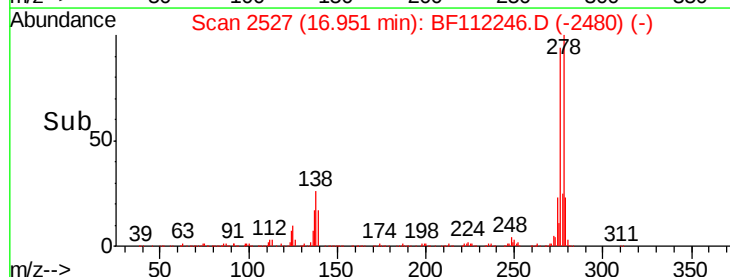


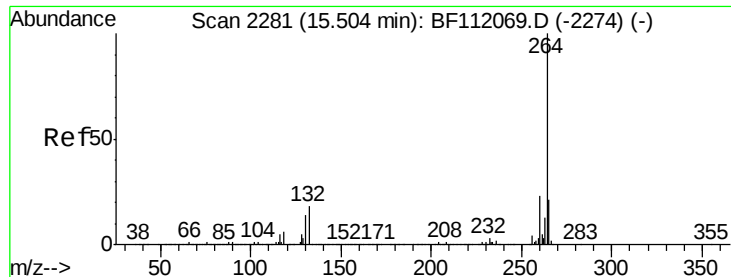
#86
Indeno(1,2,3-cd)pyrene
Concen: 63.870 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Tgt Ion:276 Resp: 966652
Ion Ratio Lower Upper
276 100
138 25.9 22.6 34.0
277 26.2 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



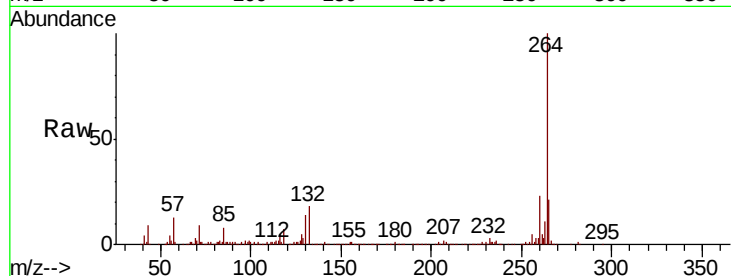


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

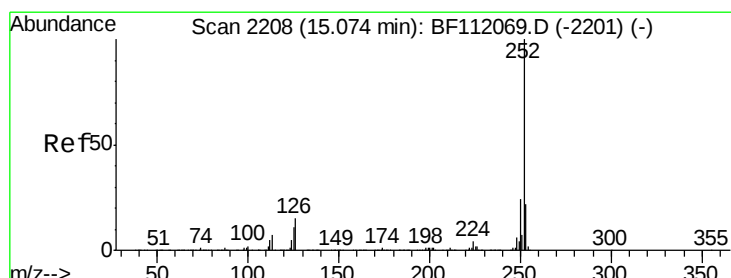
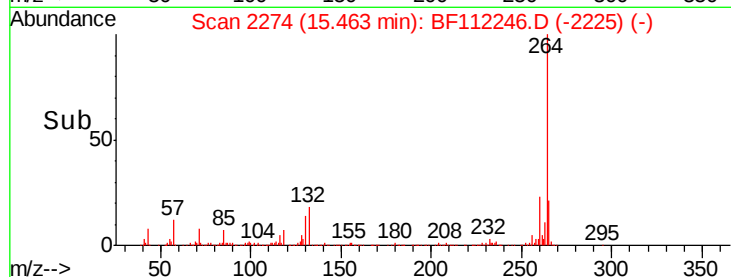
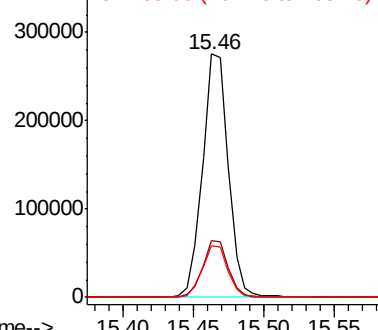
Instrument :
BNA_F
ClientSampleId :
S4MS

Tgt Ion: 264 Resp: 351187

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	21.1	17.0	25.4



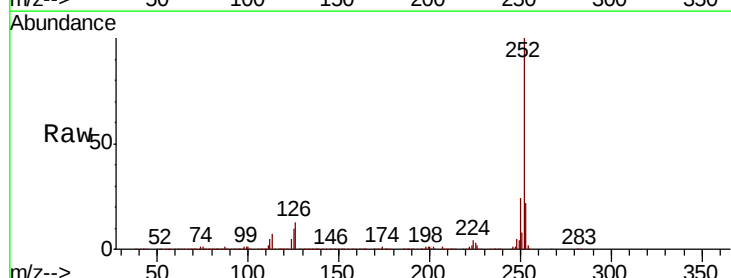
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



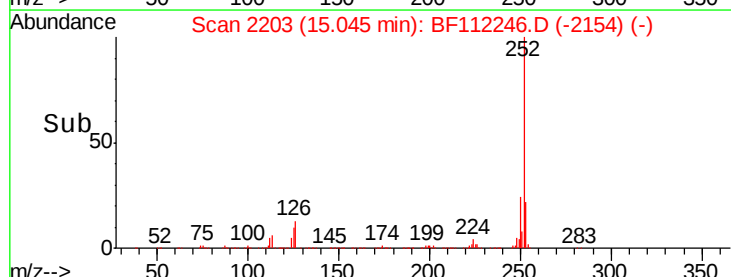
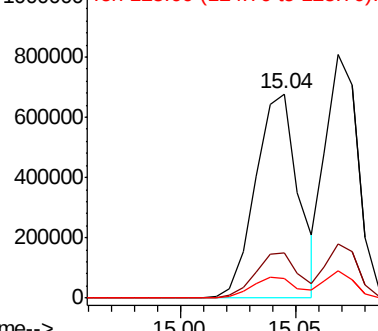
#88
Benzo(b)fluoranthene
Concen: 41.644 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

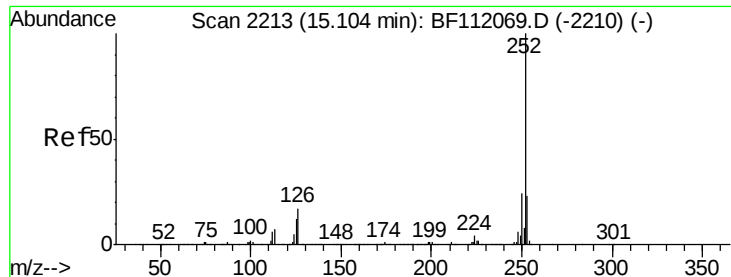
Tgt Ion: 252 Resp: 874630

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.9	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

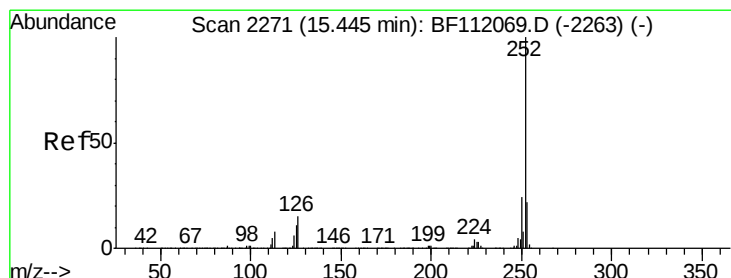
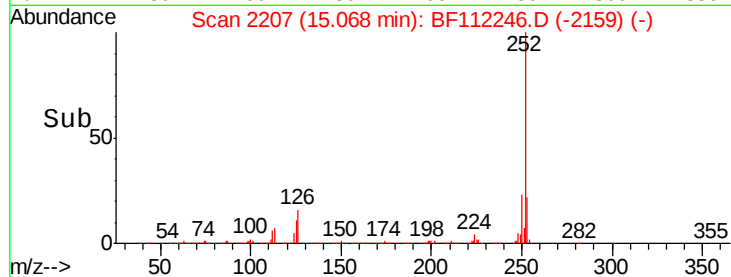
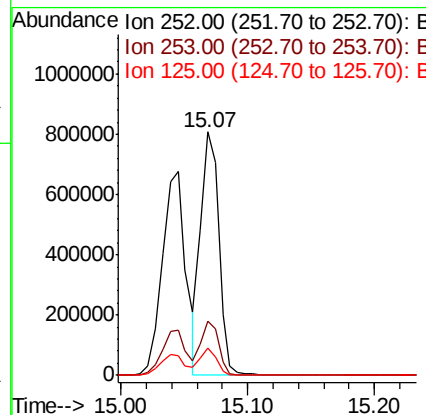
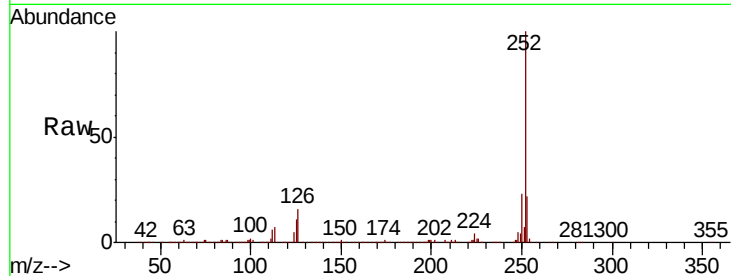




#89
Benzo(k)fluoranthene
Concen: 39.599 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

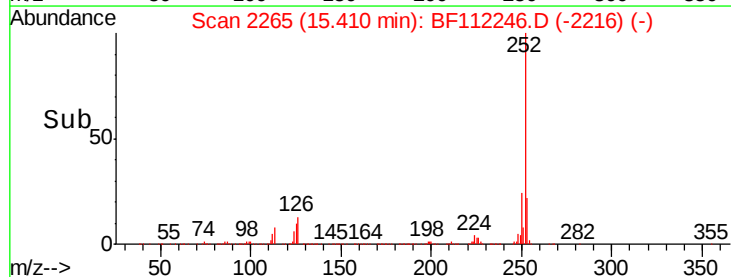
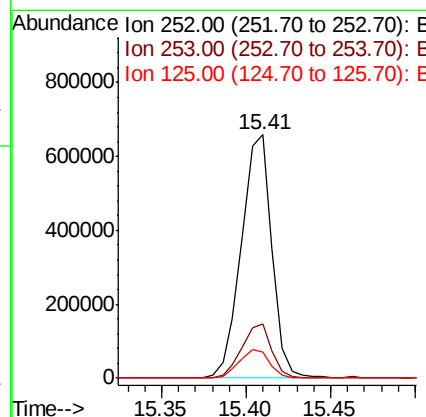
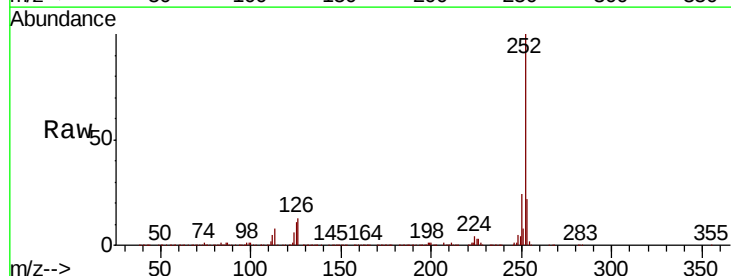
Instrument :
BNA_F
ClientSampled :
S4MS

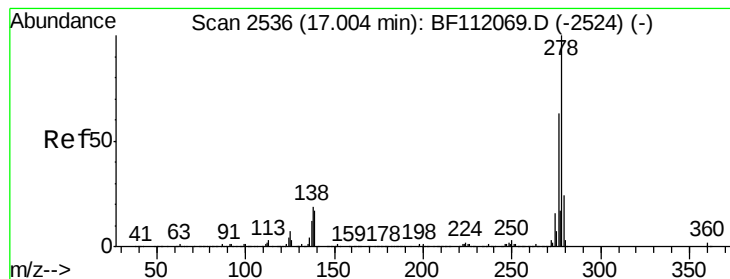
Tgt Ion:252 Resp: 796634
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 11.0 9.1 13.7



#90
Benzo(a)pyrene
Concen: 43.875 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112246.D
Acq: 25 Jan 2019 21:50

Tgt Ion:252 Resp: 829157
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.5 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 53.336 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

Instrument :

BNA_F

ClientSampleId :

S4MS

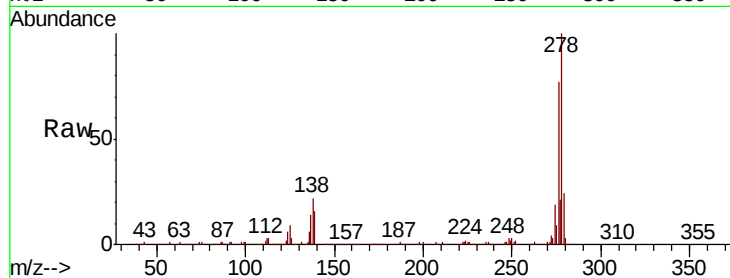
Tgt Ion:278 Resp: 812352

Ion Ratio Lower Upper

278 100

139 16.4 13.7 20.5

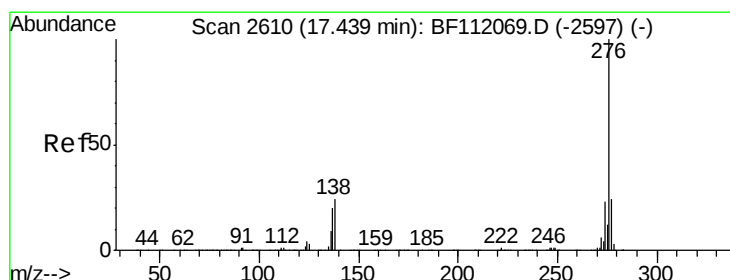
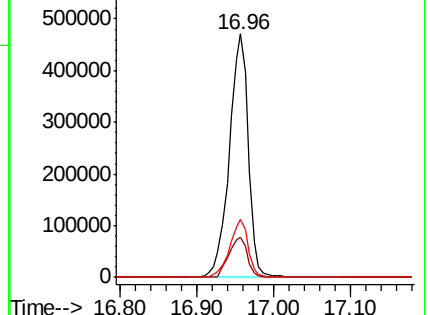
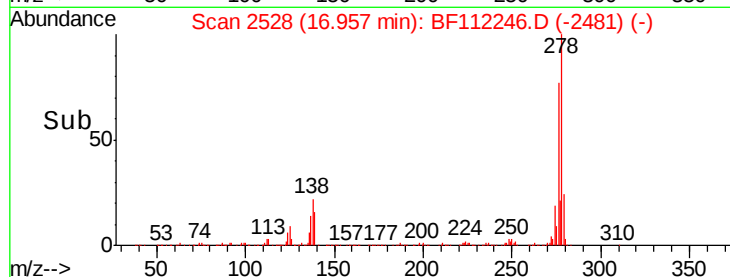
279 24.0 19.0 28.6



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: 54.832 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.02 min

Lab File: BF112246.D

Acq: 25 Jan 2019 21:50

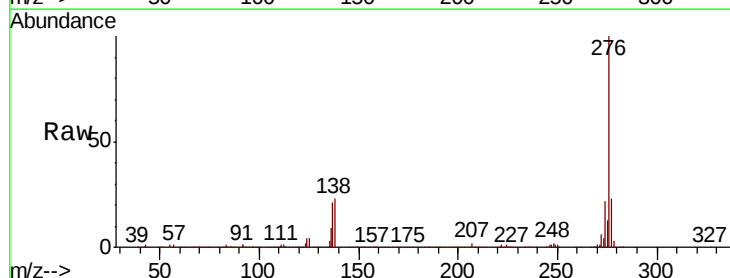
Tgt Ion:276 Resp: 787911

Ion Ratio Lower Upper

276 100

277 23.0 19.4 29.0

138 22.7 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

