

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011619\
 Data File : BF112067.D
 Acq On : 16 Jan 2019 15:19
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Jan 16 17:07:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 16:57:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	265006	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1040194	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	521490	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1013495	20.00	ng	0.00
76) Chrysene-d12	14.03	240	911519	20.00	ng	0.00
87) Perylene-d12	15.50	264	897338	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	323037	20.85	ng	0.00
7) Phenol-d6	6.50	99	412039	20.64	ng	-0.01
23) Nitrobenzene-d5	7.42	82	284781	14.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	114392	16.86	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	811463	22.69	ng	0.00
79) Terphenyl-d14	12.97	244	984473	20.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	72013	10.632	ng	97
3) Pyridine	3.40	79	172443	9.823	ng	100
4) n-Nitrosodimethylamine	3.32	42	66174	7.576	ng	# 99
6) Aniline	6.52	93	250996	10.397	ng	91
8) 2-Chlorophenol	6.65	128	185247	10.770	ng	98
9) Benzaldehyde	6.40	77	136955	10.967	ng	98
10) Phenol	6.51	94	222397	10.249	ng	85
11) bis(2-Chloroethyl)ether	6.59	93	172001	10.246	ng	97
12) 1,3-Dichlorobenzene	6.80	146	210109	10.537	ng	98
13) 1,4-Dichlorobenzene	6.88	146	217603	10.754	ng	97
14) 1,2-Dichlorobenzene	7.03	146	204644	10.580	ng	100
15) Benzyl Alcohol	7.00	79	152154	9.632	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	259006	9.049	ng	96
17) 2-Methylphenol	7.12	107	138196	9.997	ng	98
18) Hexachloroethane	7.37	117	70221	9.940	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	133384	10.283	ng	99
20) 3+4-Methylphenols	7.27	107	187476	10.897	ng	# 89
22) Acetophenone	7.26	105	262860	9.982	ng	# 96
24) Nitrobenzene	7.44	77	154607	7.853	ng	98
25) Isophorone	7.67	82	301777	9.575	ng	99
26) 2-Nitrophenol	7.76	139	52718	5.438	ng	95
27) 2,4-Dimethylphenol	7.80	122	140783	10.044	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	209773	9.972	ng	98
29) 2,4-Dichlorophenol	8.00	162	152224	9.445	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	179810	10.113	ng	97
31) Naphthalene	8.16	128	515197	10.434	ng	98
32) Benzoic acid	7.88	122	16566	1.821	ng	96
33) 4-Chloroaniline	8.21	127	225891	10.583	ng	98
34) Hexachlorobutadiene	8.29	225	99841	9.020	ng	99
35) Caprolactam	8.55	113	53306	10.123	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	151521	9.455	ng	99
37) 2-Methylnaphthalene	8.86	142	348389	11.386	ng	100
38) 1-Methylnaphthalene	8.96	142	337020	11.484	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	177384	10.670	ng	99

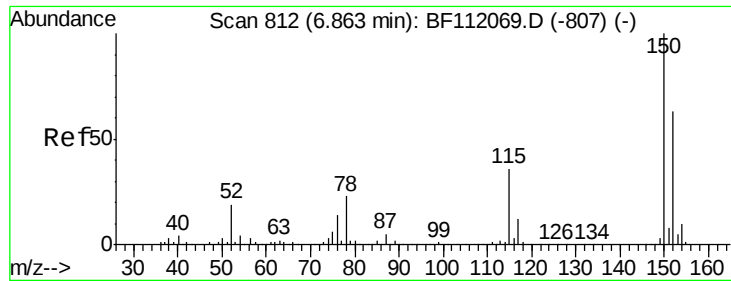
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011619\
 Data File : BF112067.D
 Acq On : 16 Jan 2019 15:19
 Operator : JU/SJ
 Sample : SSTDICC010
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 QLast Update : Wed Jan 16 16:57:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	30529	3.176	ng	98
43) 2,4,6-Trichlorophenol	9.14	196	97908	8.683	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	106278	8.996	ng	96
46) 1,1'-Biphenyl	9.32	154	482651	11.064	ng	98
47) 2-Chloronaphthalene	9.35	162	371174	10.842	ng	97
48) 2-Nitroaniline	9.44	65	55465	5.299	ng	93
49) Acenaphthylene	9.76	152	548338	10.833	ng	97
50) Dimethylphthalate	9.61	163	400183	10.215	ng	99
51) 2,6-Dinitrotoluene	9.67	165	58607	6.690	ng #	81
52) Acenaphthene	9.93	154	333260	10.213	ng	99
53) 3-Nitroaniline	9.85	138	68488	7.300	ng #	90
54) 2,4-Dinitrophenol	9.96	184	5668	1.528	ng #	65
55) Dibenzofuran	10.10	168	501515	10.568	ng	98
56) 4-Nitrophenol	10.02	139	34650	5.227	ng	87
57) 2,4-Dinitrotoluene	10.08	165	62736	5.542	ng	88
58) Fluorene	10.45	166	384120	11.124	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	78546	7.891	ng	98
60) Diethylphthalate	10.31	149	402220	10.610	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	203605	10.515	ng	97
62) 4-Nitroaniline	10.45	138	68833	7.736	ng	94
63) Azobenzene	10.60	77	383838	10.599	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	16505	2.639	ng	83
66) n-Nitrosodiphenylamine	10.55	169	361857	10.640	ng	98
67) 4-Bromophenyl-phenylether	10.93	248	122864	9.360	ng	93
68) Hexachlorobenzene	11.00	284	134127	9.219	ng #	92
69) Atrazine	11.07	200	120979	10.124	ng	97
70) Pentachlorophenol	11.20	266	34579	4.177	ng	95
71) Phenanthrene	11.41	178	562571	10.382	ng	98
72) Anthracene	11.46	178	573255	10.422	ng	98
73) Carbazole	11.62	167	575388	10.754	ng	97
74) Di-n-butylphthalate	11.94	149	657367	10.577	ng	98
75) Fluoranthene	12.60	202	604475	10.867	ng	98
77) Benzidine	12.72	184	340107	12.487	ng	95
78) Pyrene	12.83	202	625205	9.968	ng	98
80) Butylbenzylphthalate	13.44	149	261229	9.852	ng	95
81) Benzo(a)anthracene	14.02	228	552487	10.532	ng	97
82) 3,3'-Dichlorobenzidine	13.97	252	223514	11.541	ng	99
83) Chrysene	14.05	228	530459	10.605	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	396619	11.390	ng #	98
85) Di-n-octyl phthalate	14.61	149	638755	12.818	ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	511399	14.024	ng	99
88) Benzo(b)fluoranthene	15.07	252	496505	9.250	ng	99
89) Benzo(k)fluoranthene	15.10	252	522896	10.363	ng	98
90) Benzo(a)pyrene	15.44	252	484749	10.271	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	435566	11.474	ng	98
92) Benzo(g,h,i)perylene	17.43	276	407360	10.971	ng	96

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

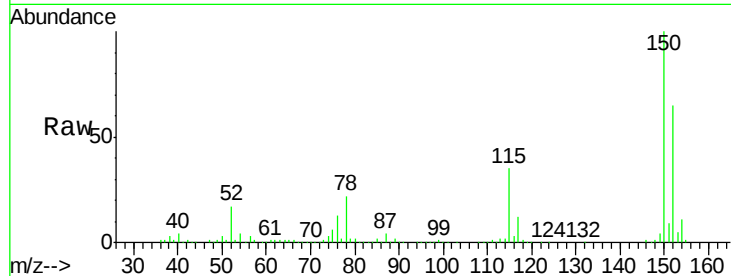


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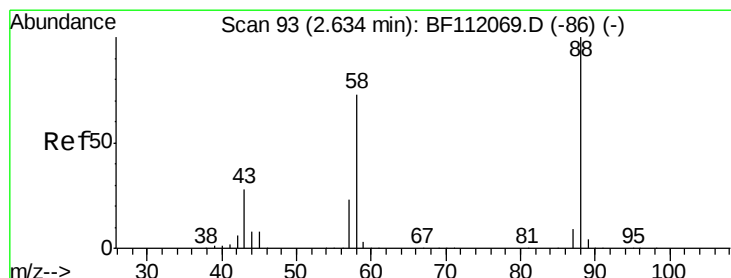
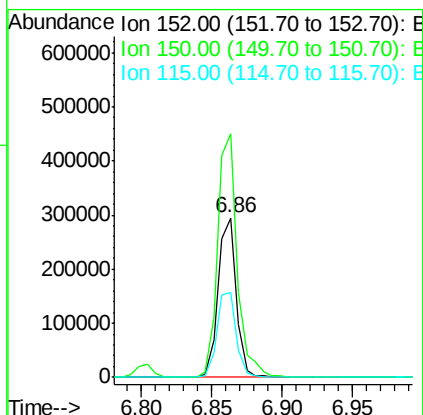
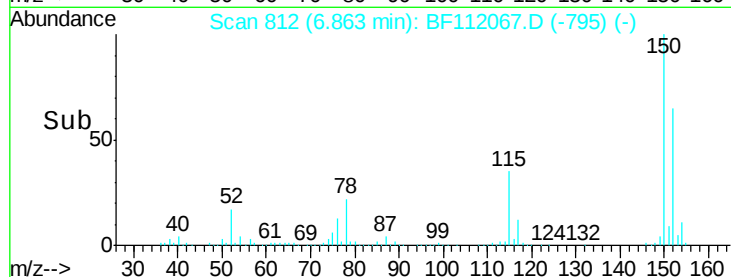
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112067.D
Acq: 16 Jan 2019 15:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tgt Ion: 152 Resp: 265006
Ion Ratio Lower Upper
152 100
150 153.0 127.4 191.0
115 53.1 45.5 68.3



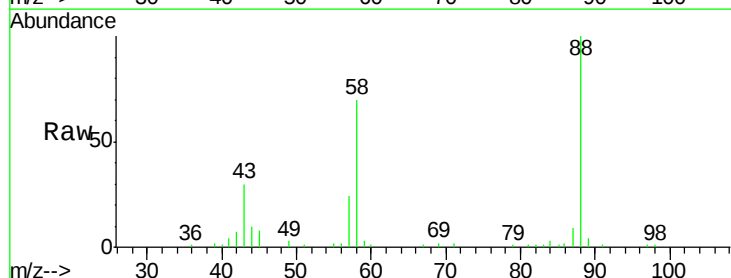
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



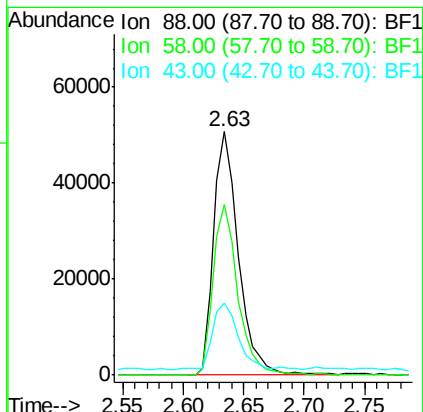
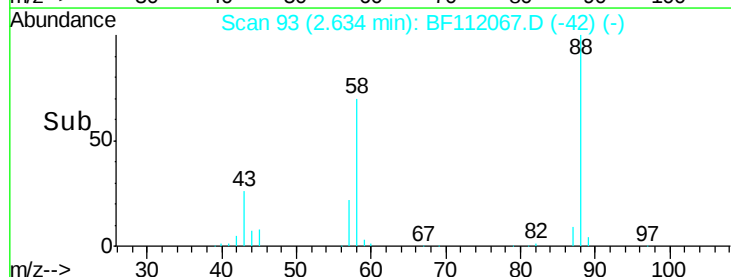
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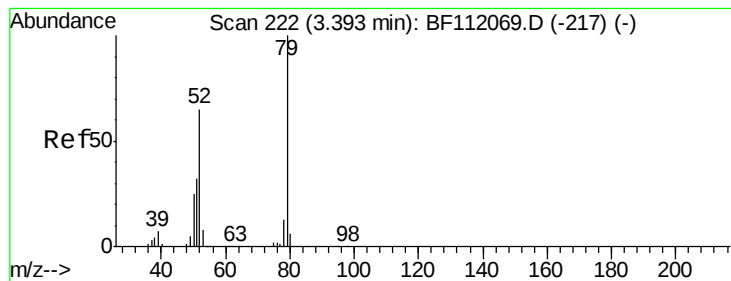
1,4-Dioxane
Concen: 10.632 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.00 min
Lab File: BF112067.D
Acq: 16 Jan 2019 15:19

Tgt Ion: 88 Resp: 72013
Ion Ratio Lower Upper
88 100
58 69.1 57.4 86.2
43 28.4 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: 9.823 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

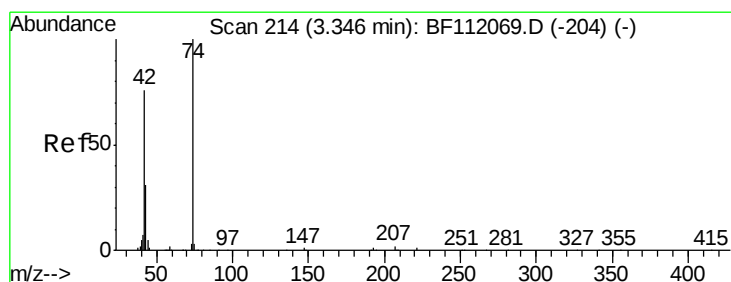
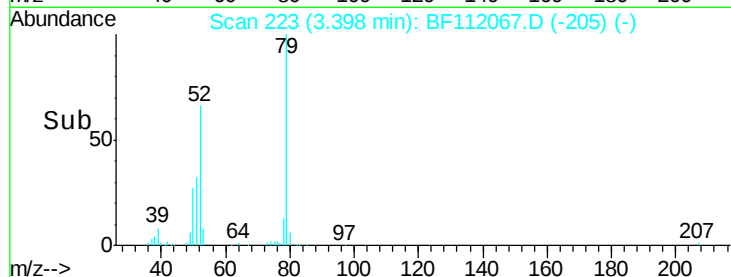
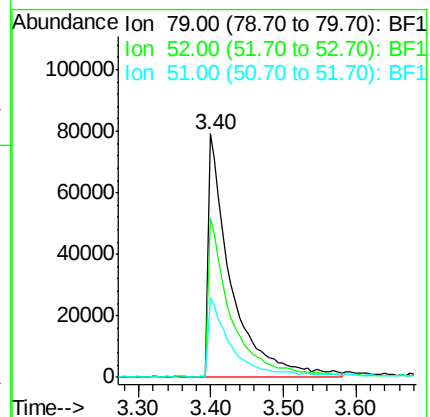
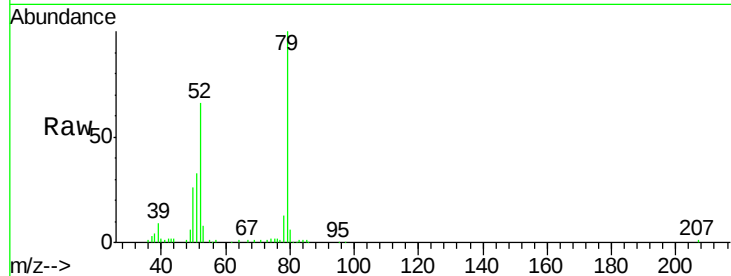
Tgt Ion: 79 Resp: 172443

Ion Ratio Lower Upper

79 100

52 65.5 52.4 78.6

51 32.5 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 7.576 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.02 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

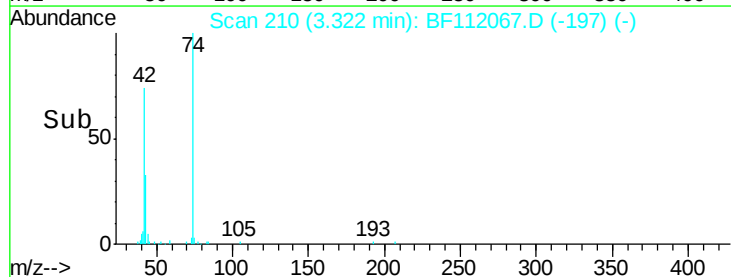
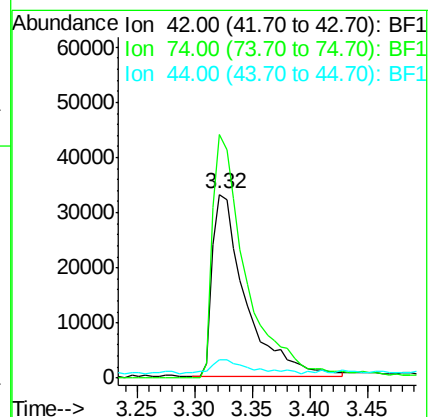
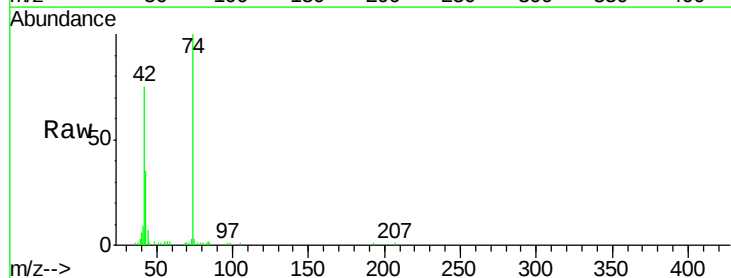
Tgt Ion: 42 Resp: 66174

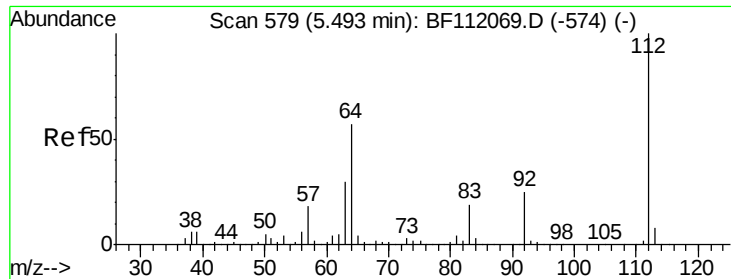
Ion Ratio Lower Upper

42 100

74 132.7 105.6 158.4

44 9.9 5.4 8.2#





#5

2-Fluorophenol

Concen: 20.855 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

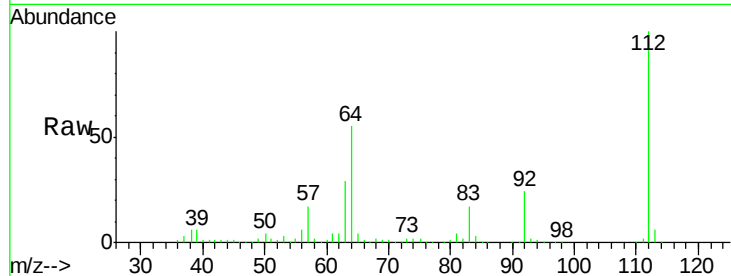
Tgt Ion: 112 Resp: 323037

Ion Ratio Lower Upper

112 100

64 55.1 45.7 68.5

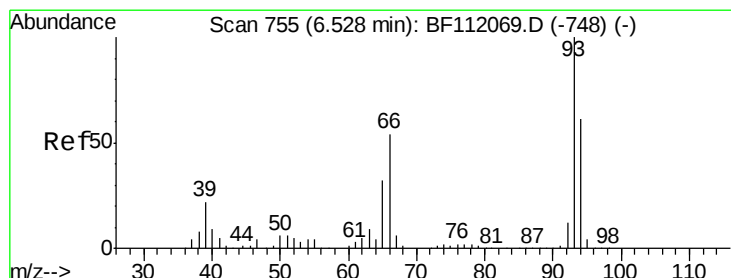
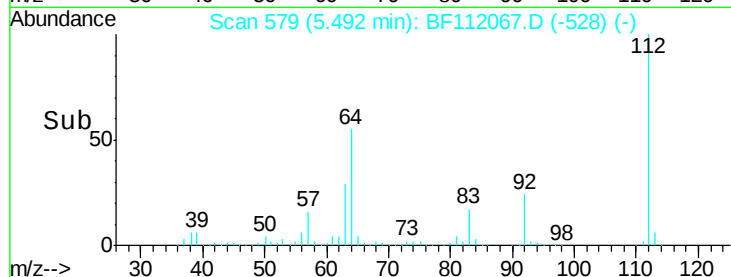
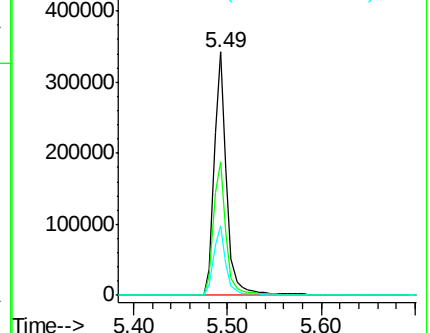
63 28.6 23.6 35.4



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: 10.397 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

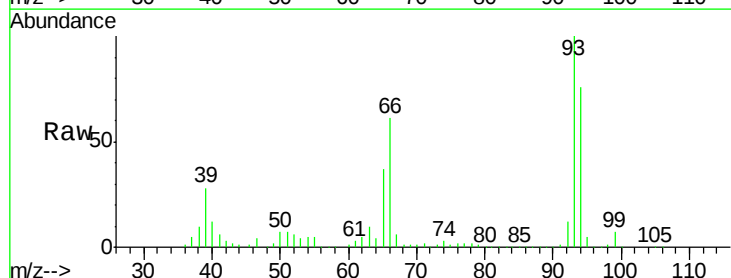
Tgt Ion: 93 Resp: 250996

Ion Ratio Lower Upper

93 100

66 60.8 43.4 65.2

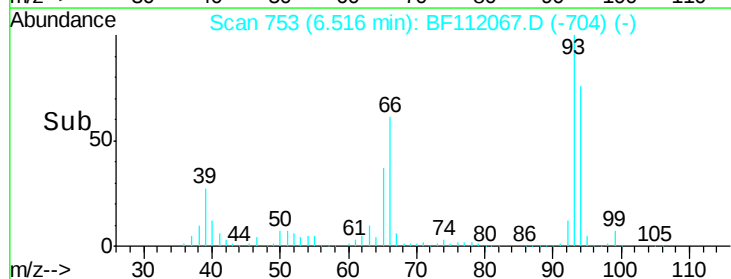
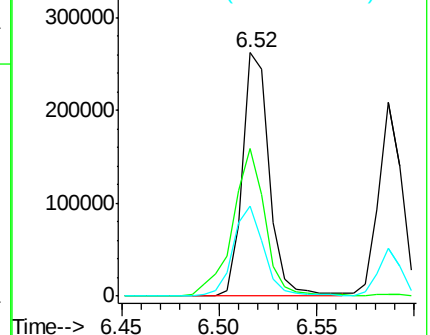
65 37.2 25.3 37.9

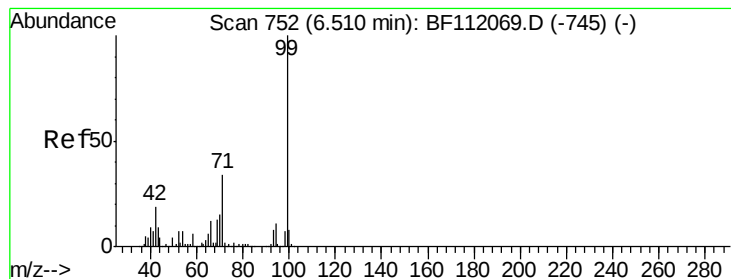


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 20.638 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

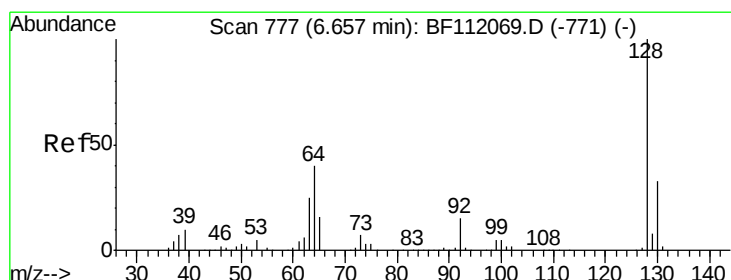
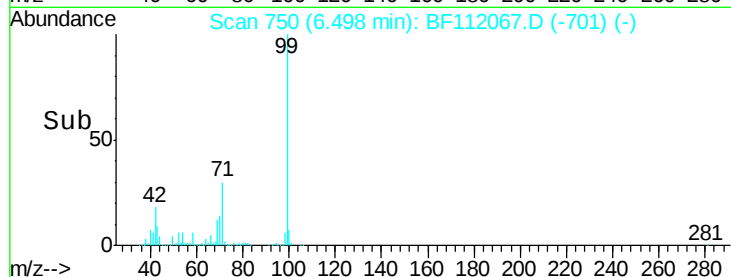
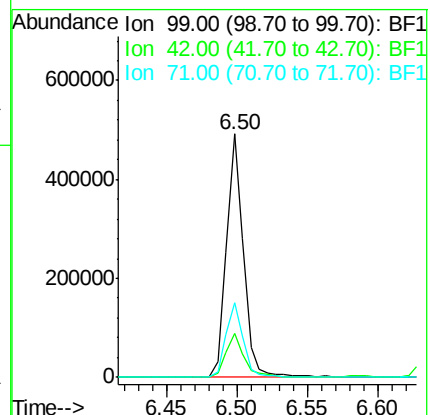
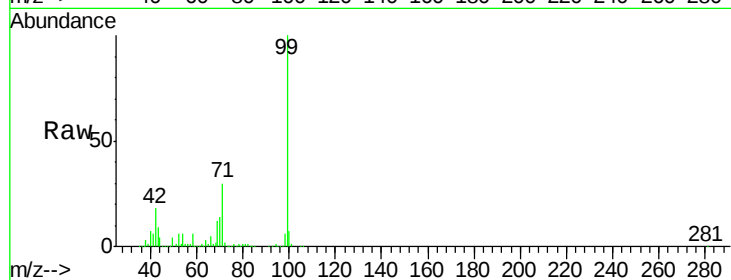
Tgt Ion: 99 Resp: 412039

Ion Ratio Lower Upper

99 100

42 17.8 15.1 22.7

71 30.5 26.9 40.3



#8

2-Chlorophenol

Concen: 10.770 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

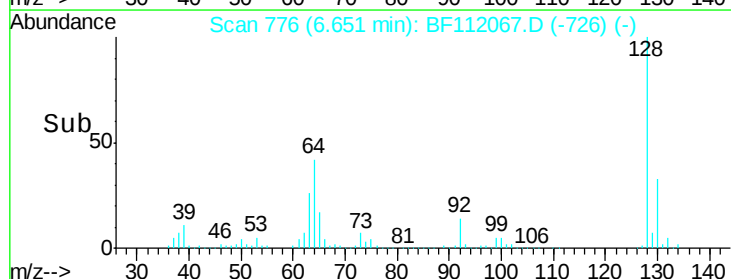
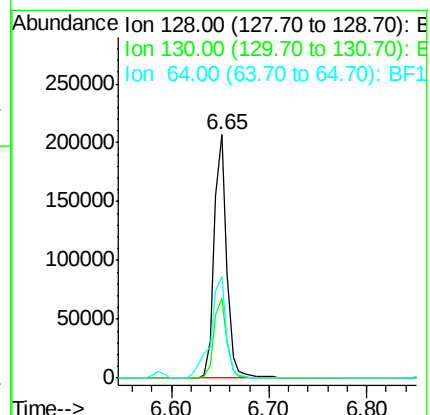
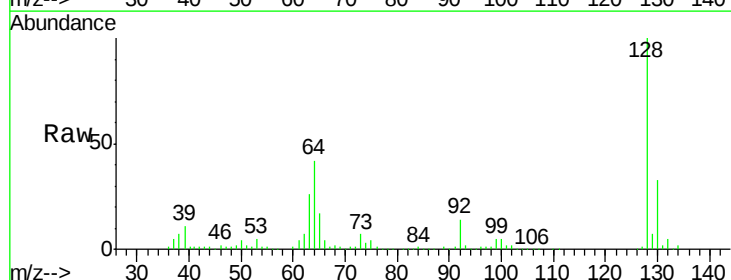
Tgt Ion: 128 Resp: 185247

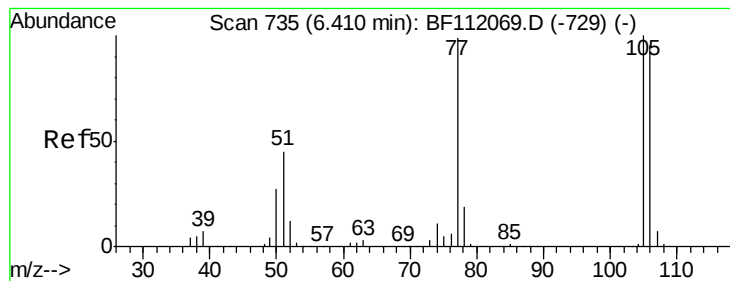
Ion Ratio Lower Upper

128 100

130 32.8 13.4 53.4

64 41.9 20.5 60.5





#9

Benzaldehyde

Concen: 10.967 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

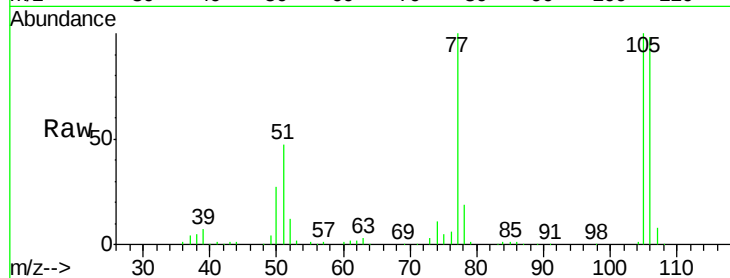
Tgt Ion: 77 Resp: 136955

Ion Ratio Lower Upper

77 100

105 100.0 80.8 120.8

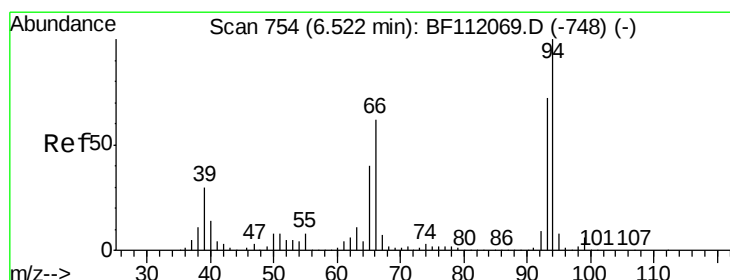
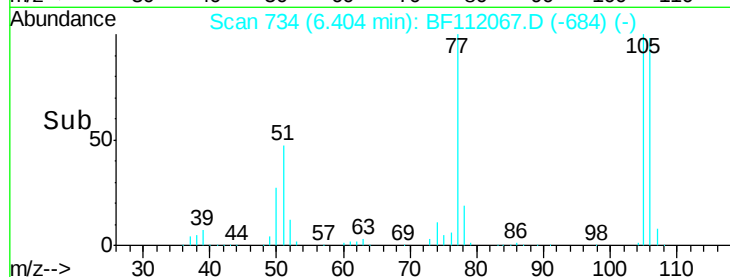
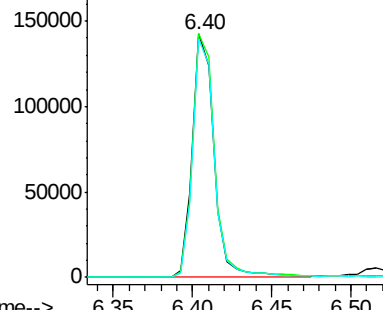
106 98.0 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 10.249 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

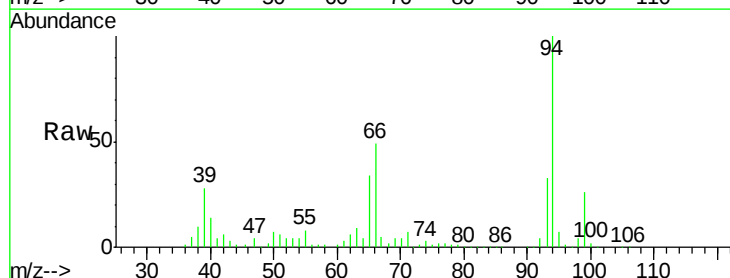
Tgt Ion: 94 Resp: 222397

Ion Ratio Lower Upper

94 100

65 34.1 20.3 60.3

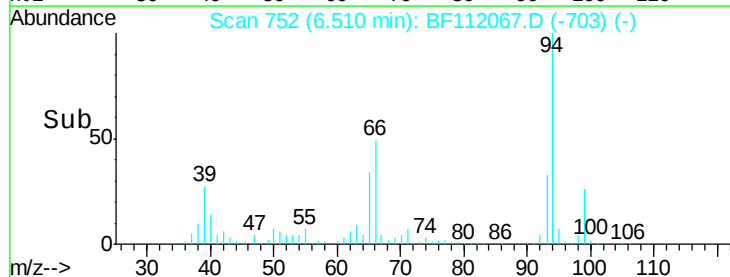
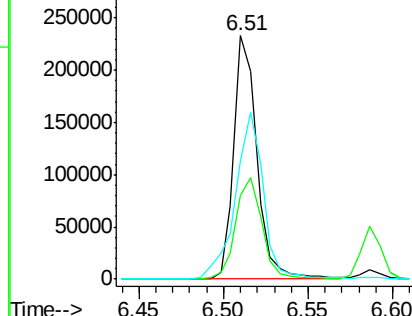
66 48.6 42.4 82.4

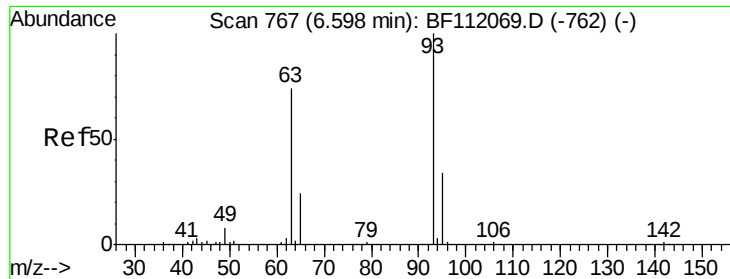


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

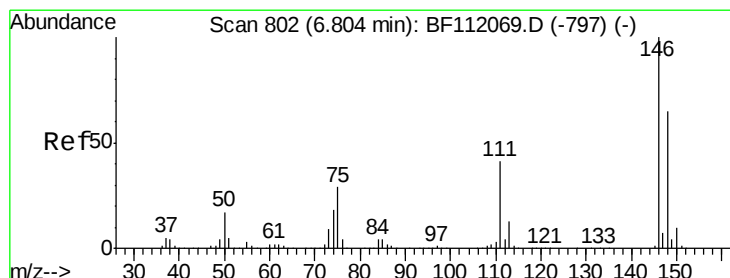
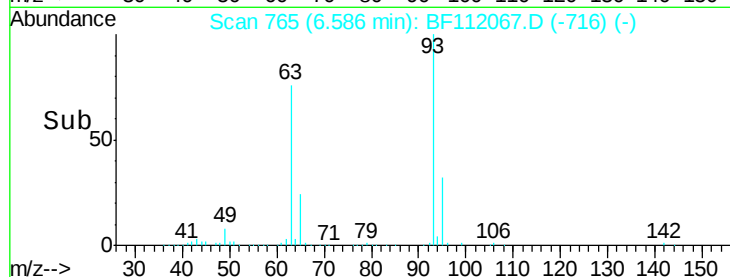
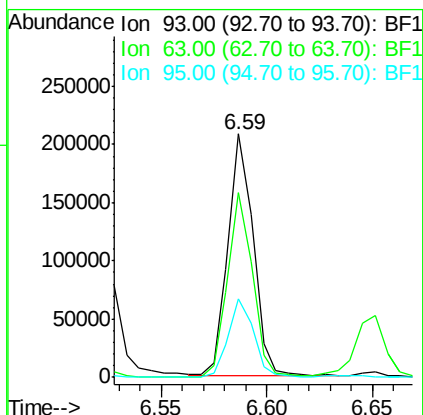
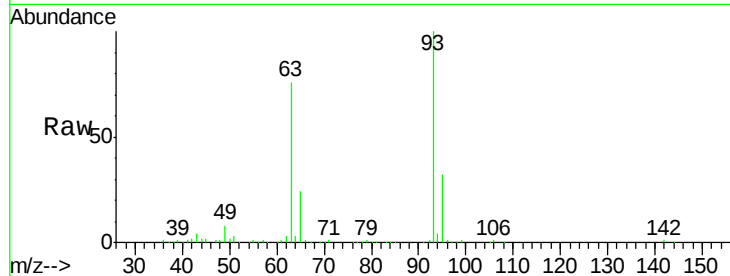




#11
bis(2-Chloroethyl)ether
Concen: 10.246 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF112067.D
Acq: 16 Jan 2019 15:19

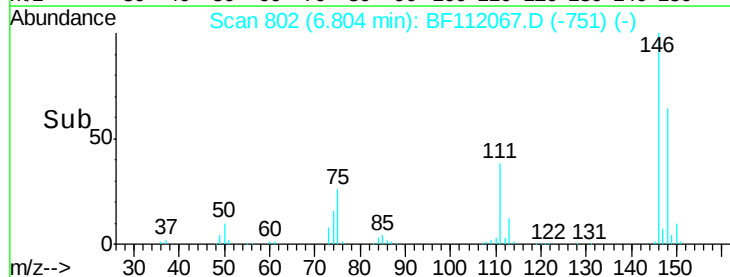
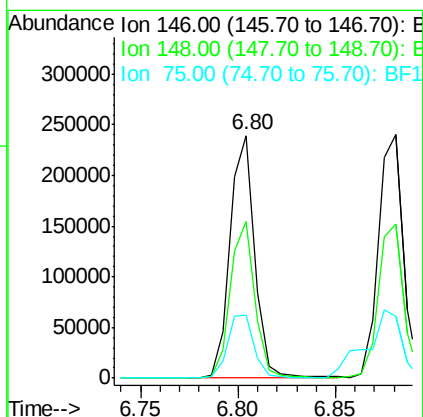
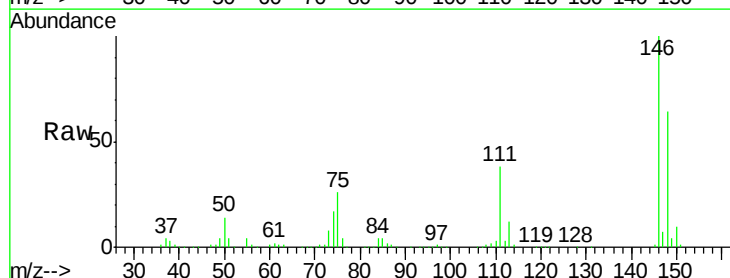
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

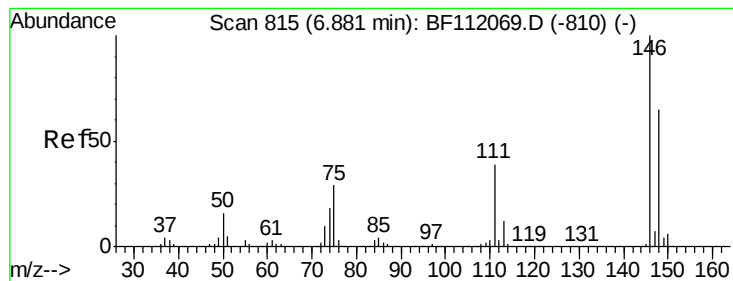
Tgt Ion: 93 Resp: 172001
Ion Ratio Lower Upper
93 100
63 75.9 53.3 93.3
95 32.3 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 10.537 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF112067.D
Acq: 16 Jan 2019 15:19

Tgt Ion: 146 Resp: 210109
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 25.9 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 10.754 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

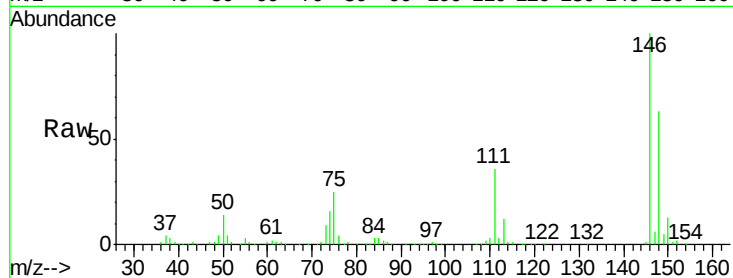
Tgt Ion:146 Resp: 217603

Ion Ratio Lower Upper

146 100

148 63.1 52.0 78.0

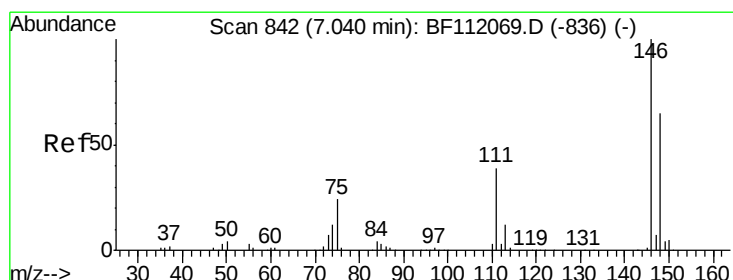
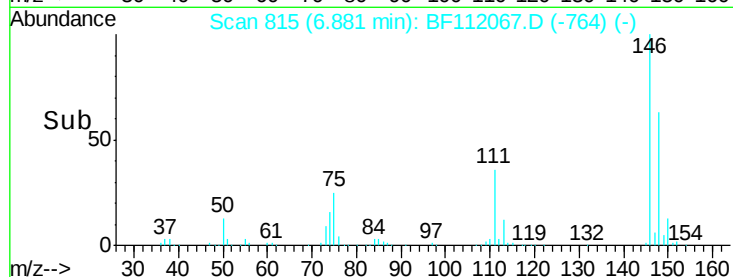
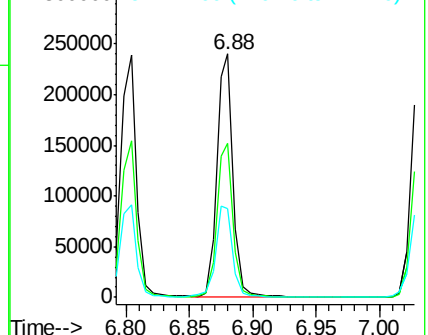
111 36.3 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 10.580 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

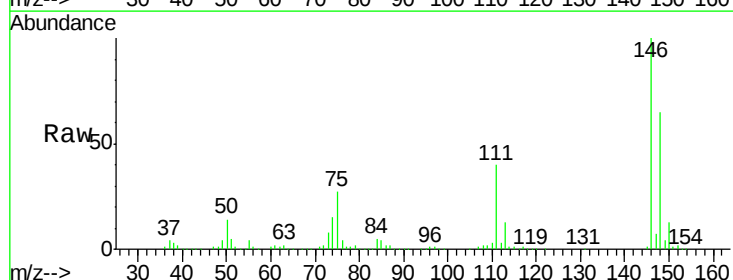
Tgt Ion:146 Resp: 204644

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.4

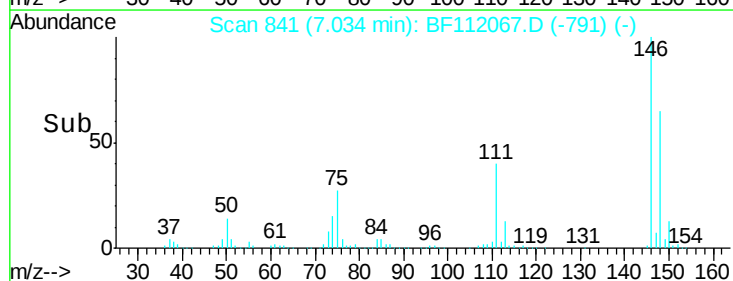
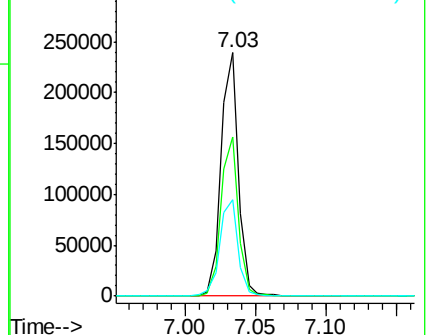
111 39.5 31.2 46.8

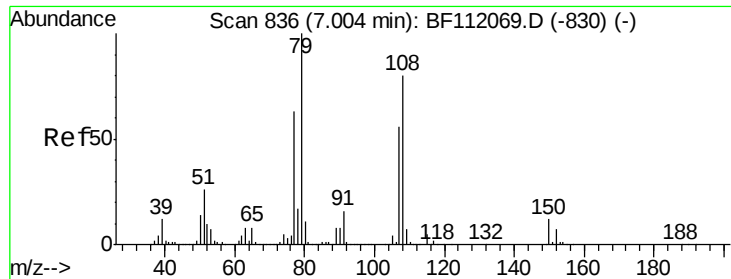


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 9.632 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

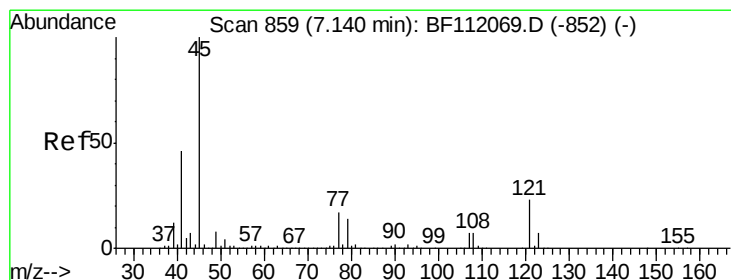
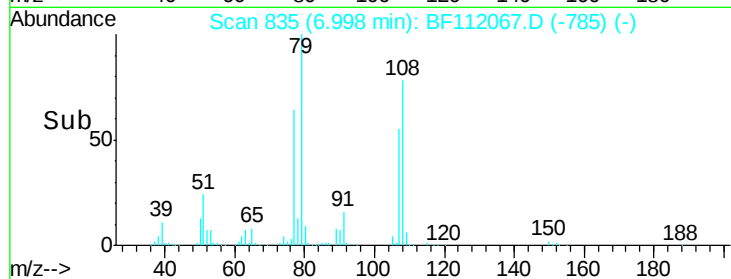
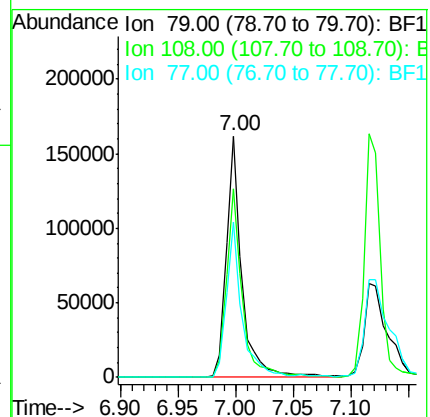
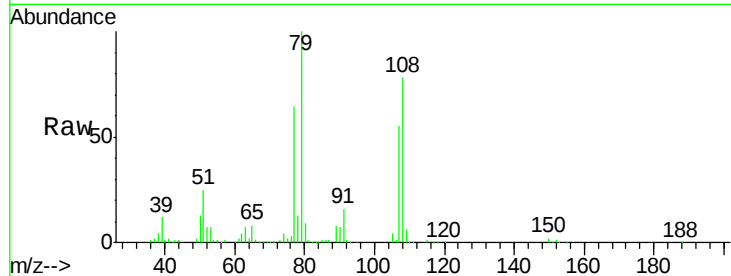
Tgt Ion: 79 Resp: 152154

Ion Ratio Lower Upper

79 100

108 78.1 64.2 96.2

77 64.4 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 9.049 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

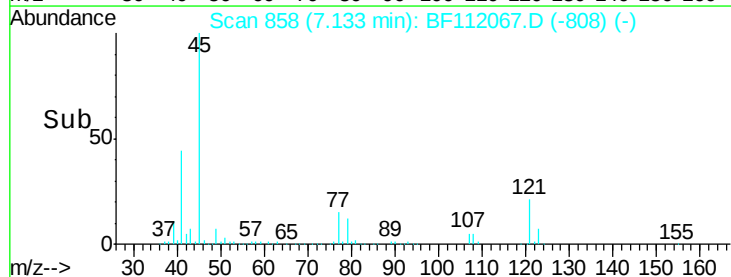
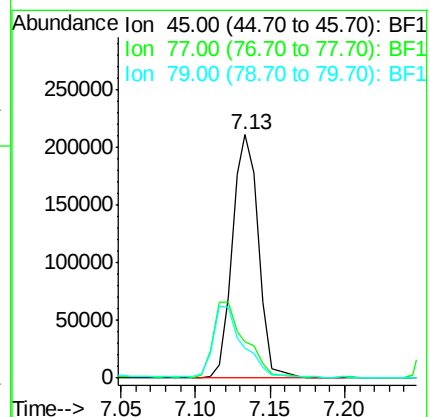
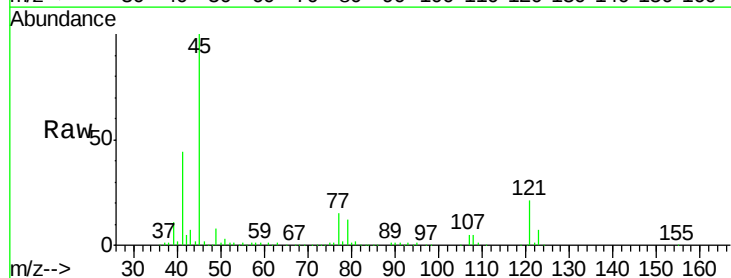
Tgt Ion: 45 Resp: 259006

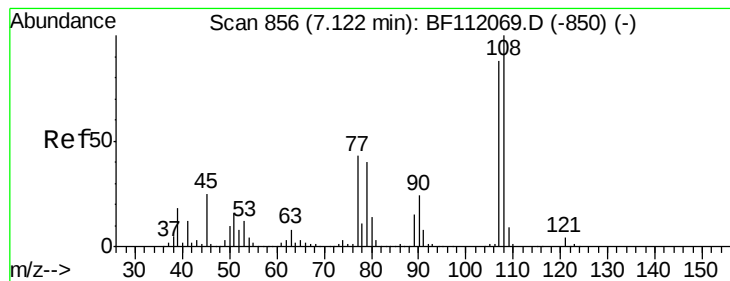
Ion Ratio Lower Upper

45 100

77 15.1 0.0 36.9

79 12.5 0.0 34.0





#17

2-Methylphenol

Concen: 9.997 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion:107 Resp: 138196

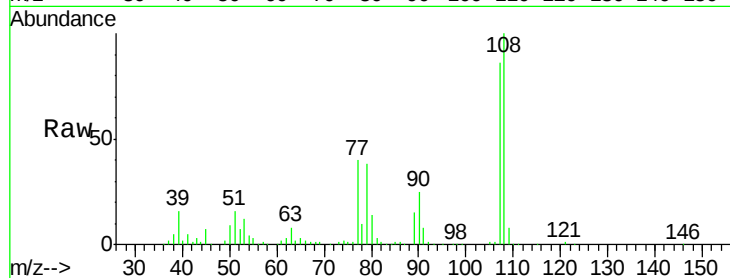
Ion Ratio Lower Upper

107 100

108 116.3 91.3 136.9

77 46.5 39.0 58.6

79 44.6 37.0 55.4

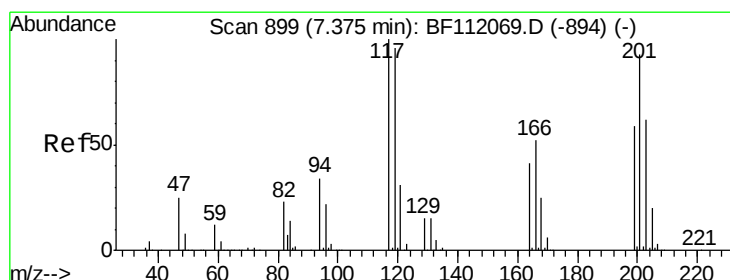
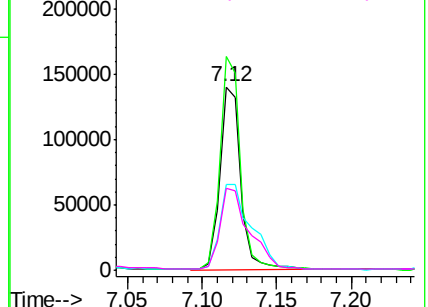
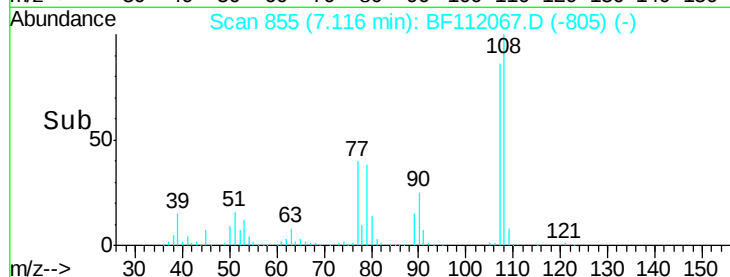


Abundance Ion 107.00 (106.70 to 107.70): E

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: 9.940 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

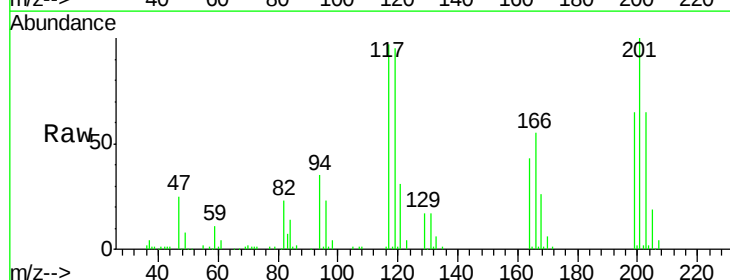
Tgt Ion:117 Resp: 70221

Ion Ratio Lower Upper

117 100

119 97.6 77.0 115.4

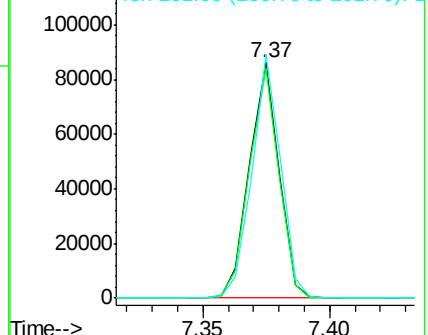
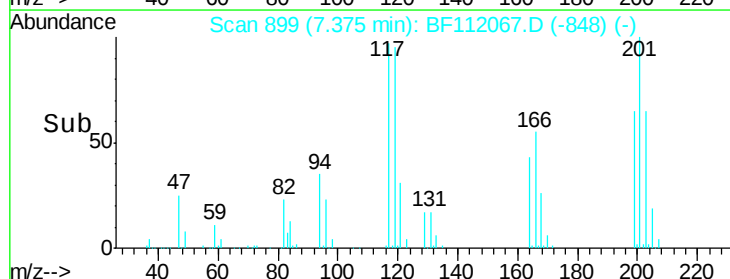
201 103.2 74.1 111.1

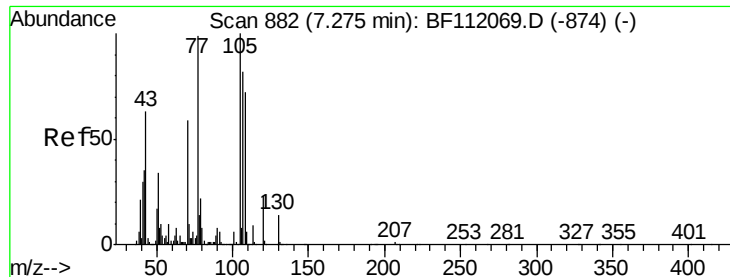


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

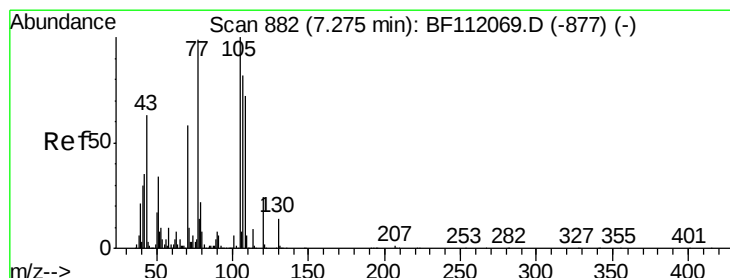
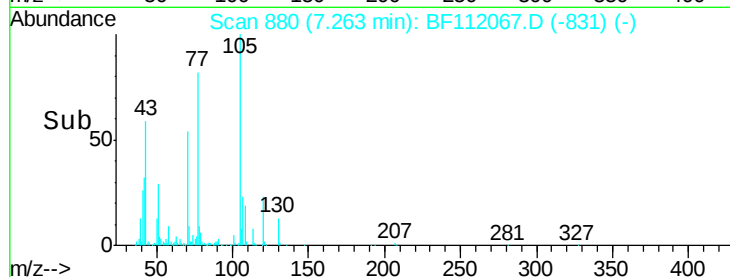
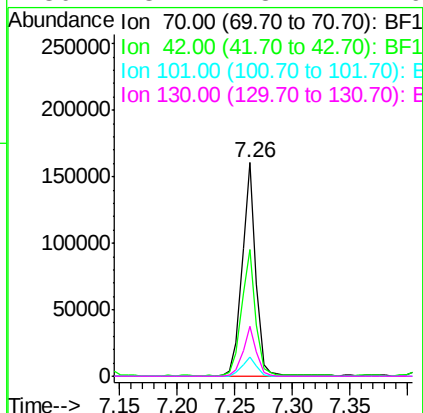
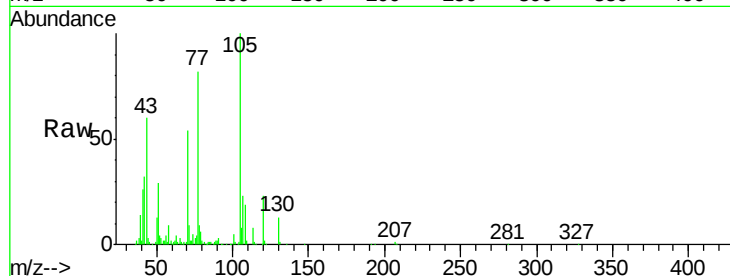




#19
n-Nitroso-di-n-propylamine
Concen: 10.283 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112067.D
Acq: 16 Jan 2019 15:19

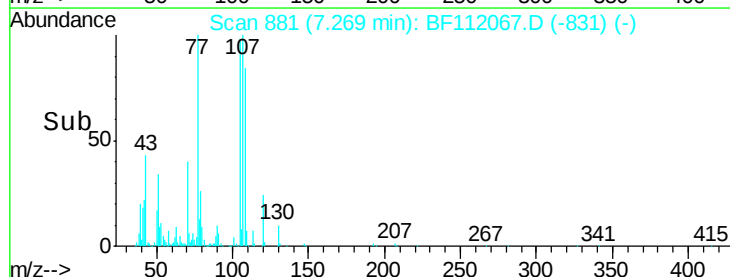
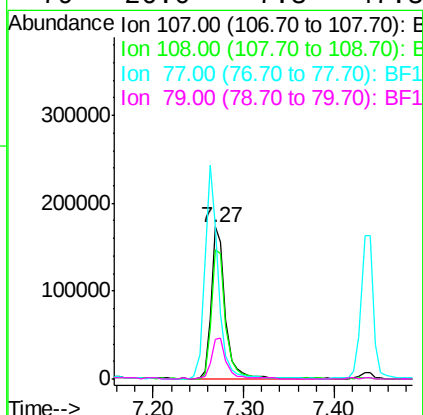
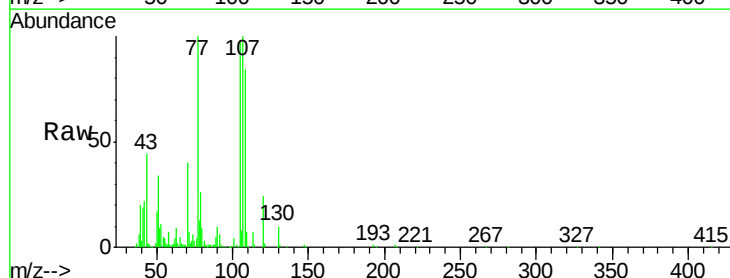
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

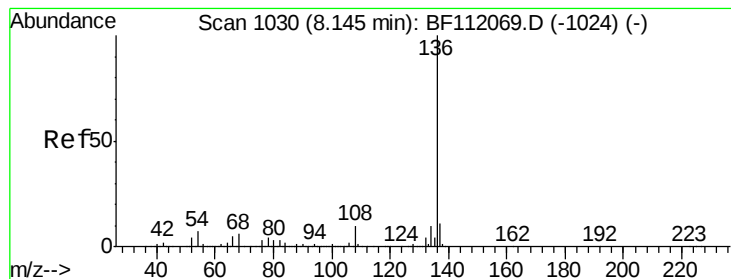
Tgt Ion:	70	Resp:	133384
Ion	Ratio	Lower	Upper
70	100		
42	59.1	47.6	71.4
101	8.9	7.9	11.9
130	23.4	18.4	27.6



#20
3+4-Methylphenols
Concen: 10.897 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112067.D
Acq: 16 Jan 2019 15:19

Tgt Ion:	107	Resp:	187476
Ion	Ratio	Lower	Upper
107	100		
108	84.6	68.2	108.2
77	100.3	100.7	140.7#
79	26.0	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion:136 Resp: 1040194

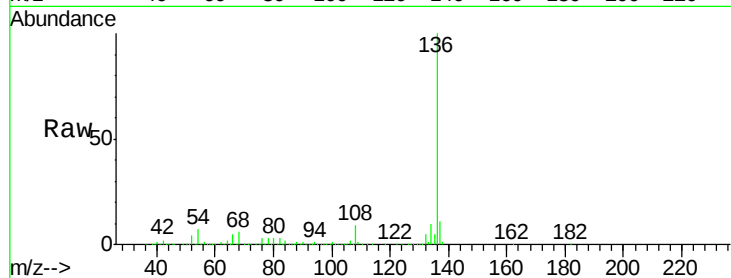
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.8 5.9 8.9

68 6.0 5.1 7.7

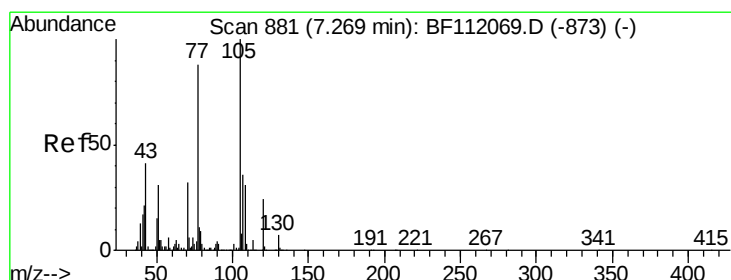
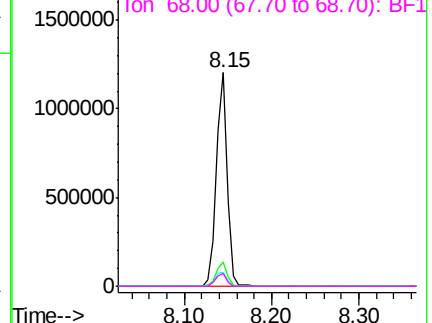
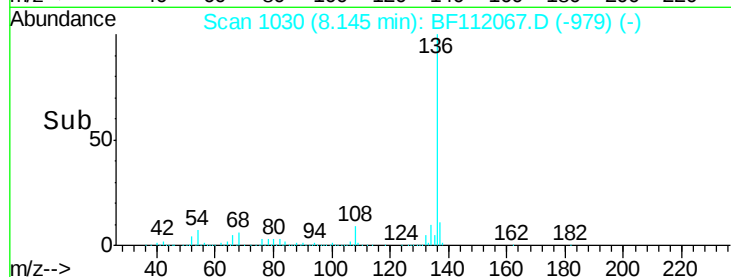


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 9.982 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Tgt Ion:105 Resp: 262860

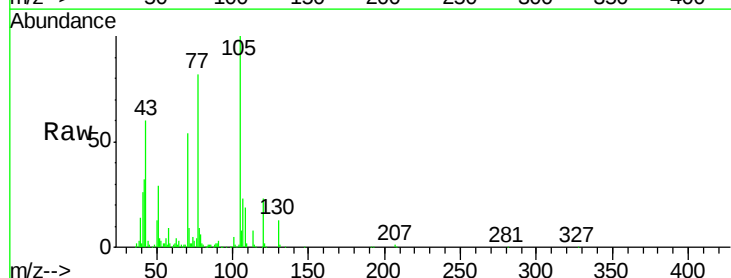
Ion Ratio Lower Upper

105 100

71 8.8 4.6 6.8#

51 28.6 25.0 37.6

120 23.1 19.0 28.4

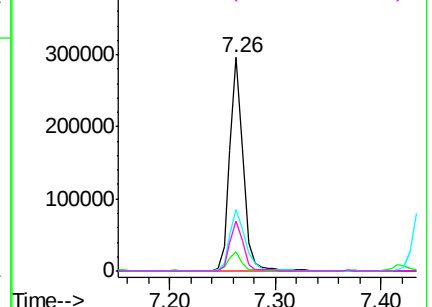
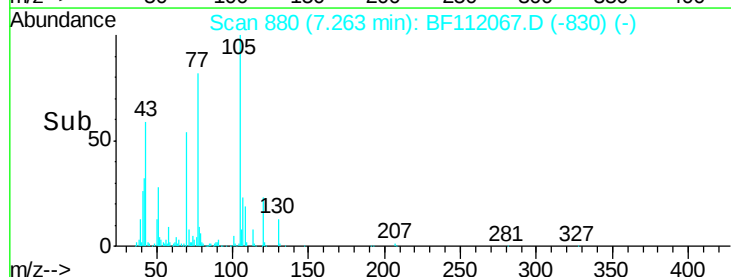


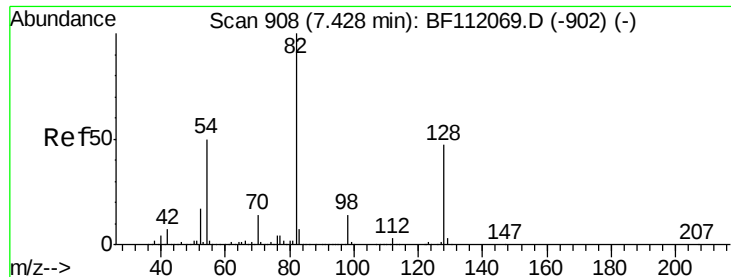
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

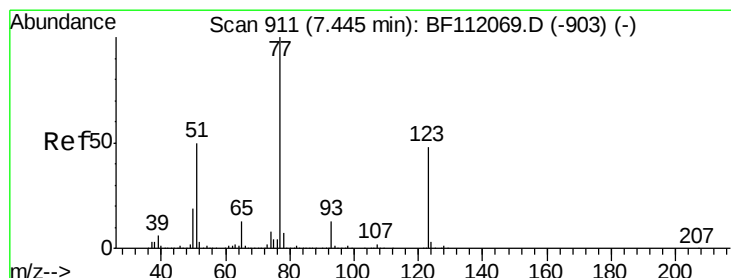
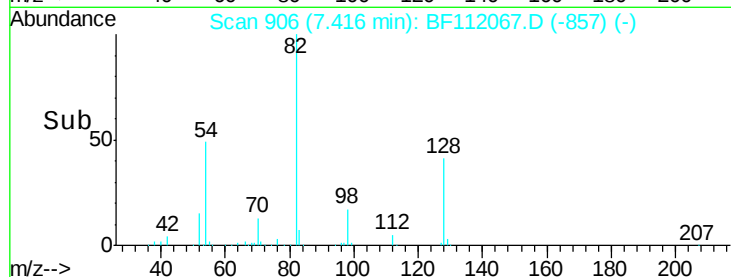
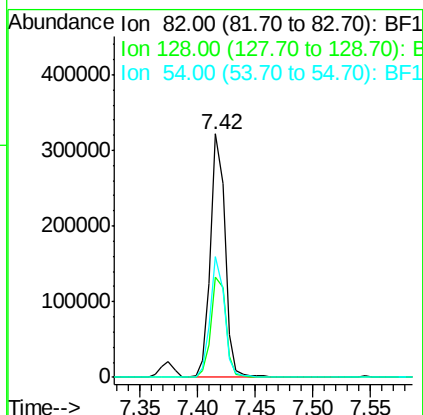
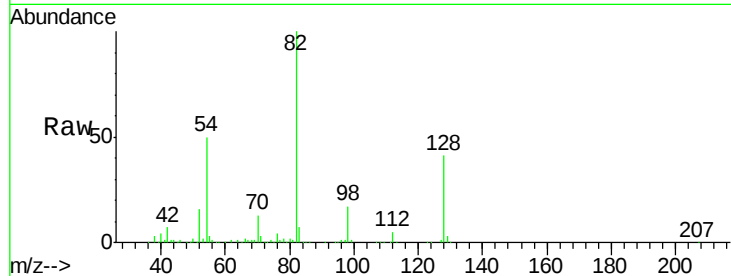




#23
 Nitrobenzene-d5
 Concen: 14.632 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112067.D
 Acq: 16 Jan 2019 15:19

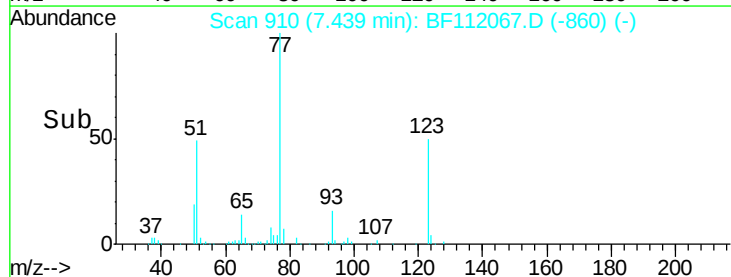
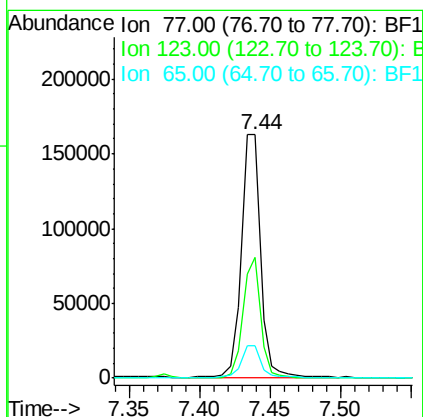
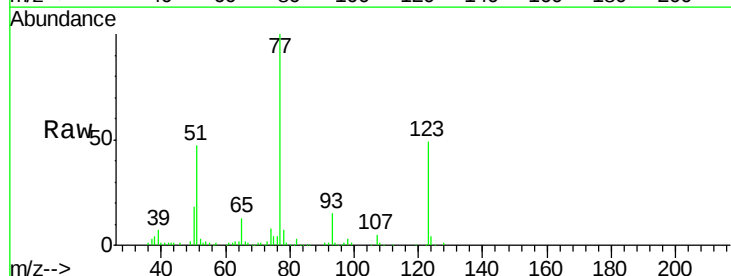
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

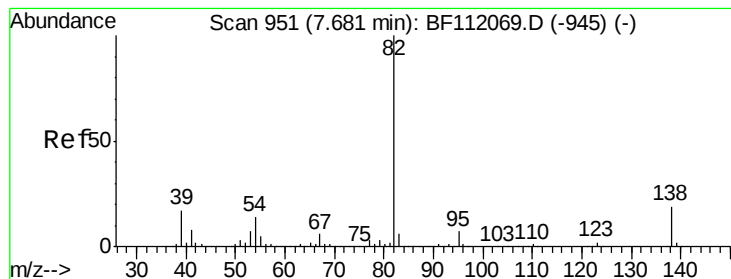
Tgt Ion: 82 Resp: 284781
 Ion Ratio Lower Upper
 82 100
 128 41.2 37.8 56.8
 54 49.7 39.7 59.5



#24
 Nitrobenzene
 Concen: 7.853 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF112067.D
 Acq: 16 Jan 2019 15:19

Tgt Ion: 77 Resp: 154607
 Ion Ratio Lower Upper
 77 100
 123 49.3 38.4 57.6
 65 13.2 10.6 15.8





#25

Isophorone

Concen: 9.575 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

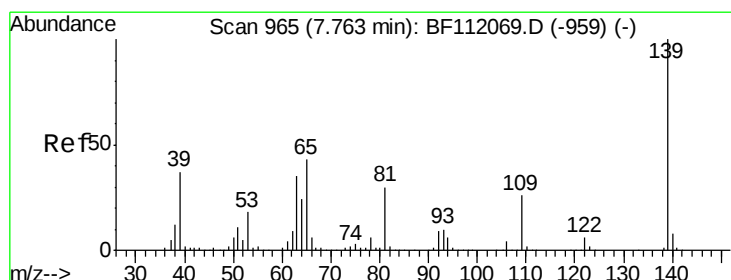
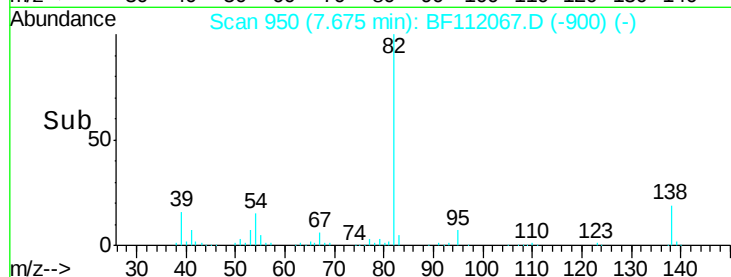
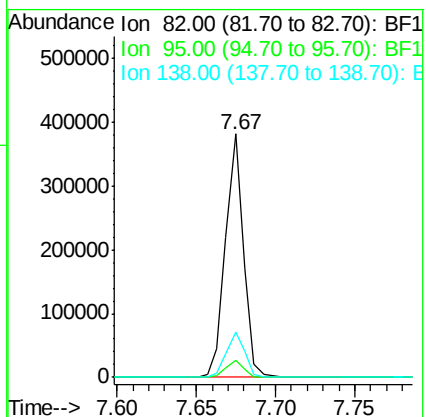
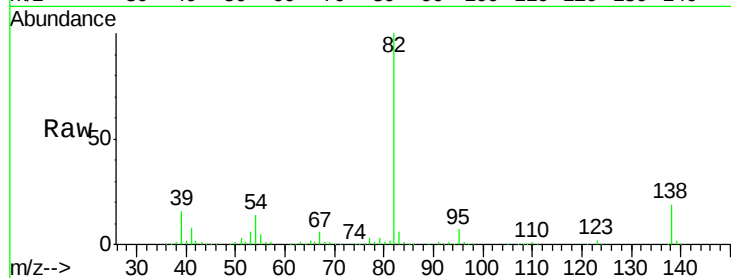
Tgt Ion: 82 Resp: 301777

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 18.7 15.4 23.0



#26

2-Nitrophenol

Concen: 5.438 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

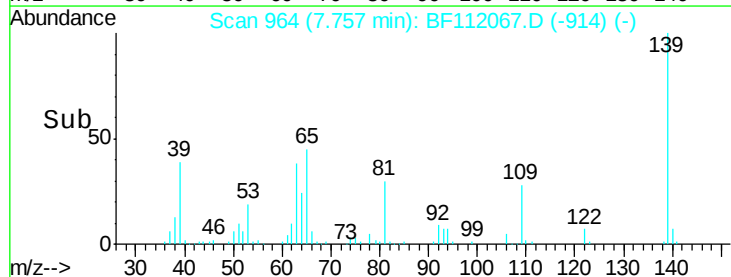
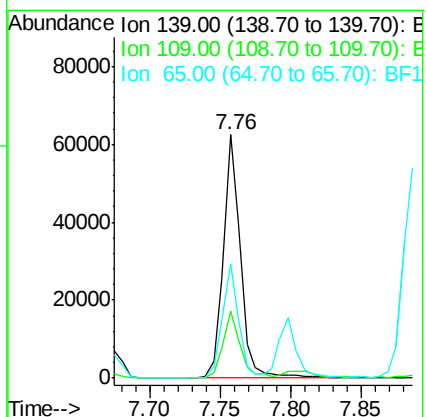
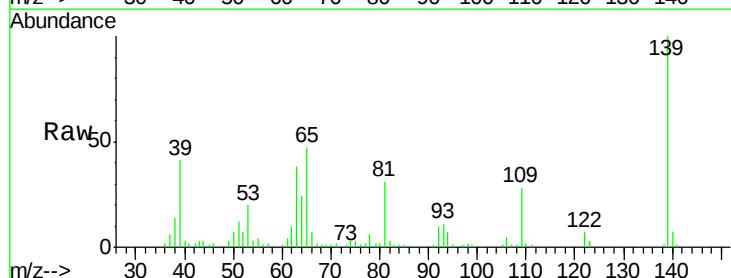
Tgt Ion: 139 Resp: 52718

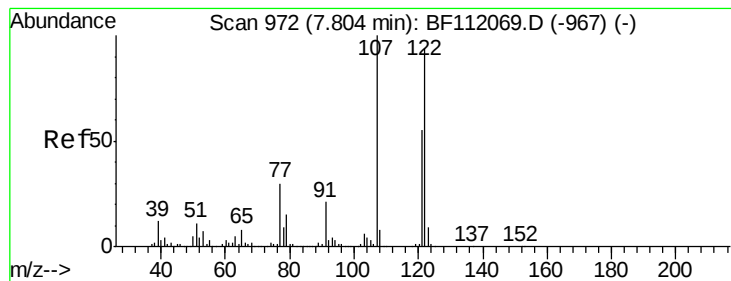
Ion Ratio Lower Upper

139 100

109 27.7 20.8 31.2

65 46.8 34.4 51.6





#27

2,4-Dimethylphenol

Concen: 10.044 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

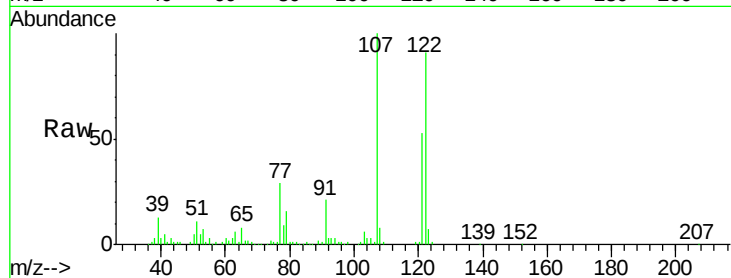
Tgt Ion: 122 Resp: 140783

Ion Ratio Lower Upper

122 100

107 110.2 85.4 128.0

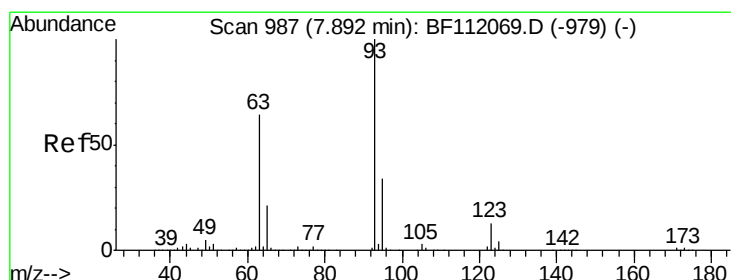
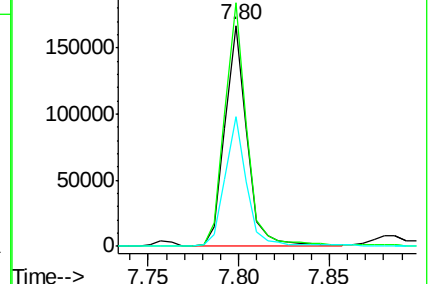
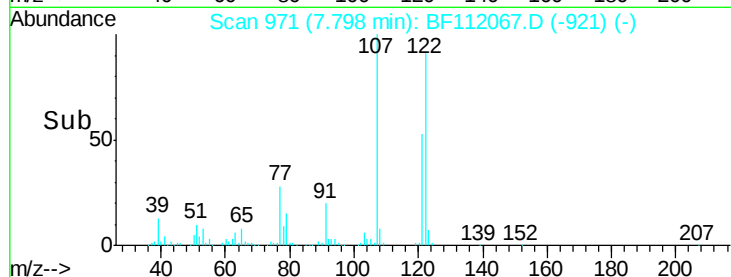
121 58.8 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 9.972 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

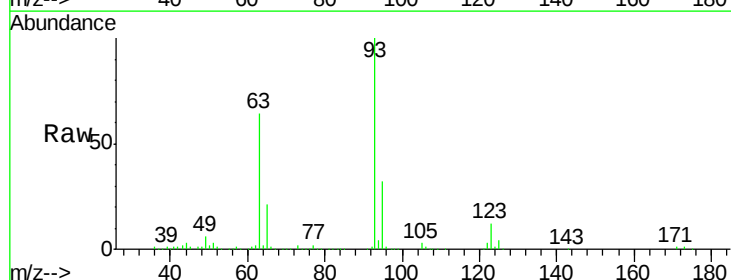
Tgt Ion: 93 Resp: 209773

Ion Ratio Lower Upper

93 100

95 32.4 26.8 40.2

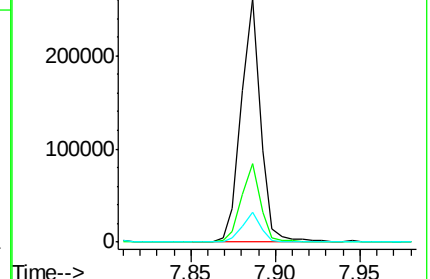
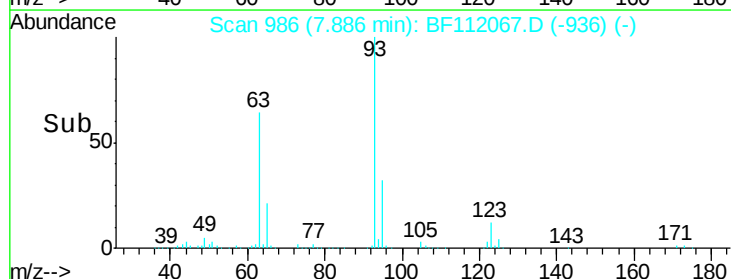
123 12.5 10.2 15.2

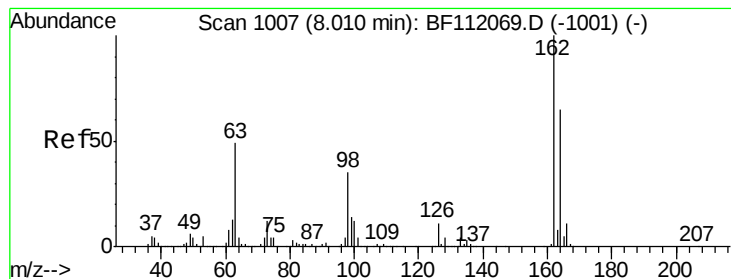


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 9.445 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

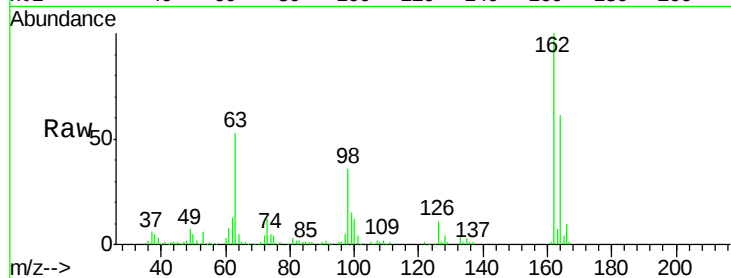
Tgt Ion:162 Resp: 152224

Ion Ratio Lower Upper

162 100

164 61.2 44.6 84.6

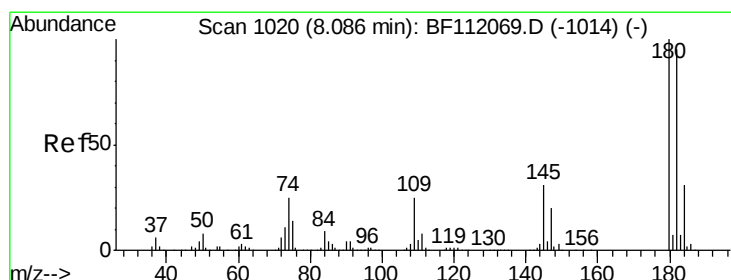
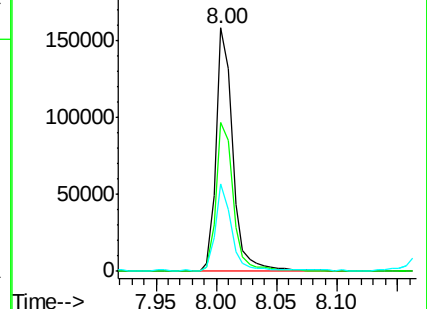
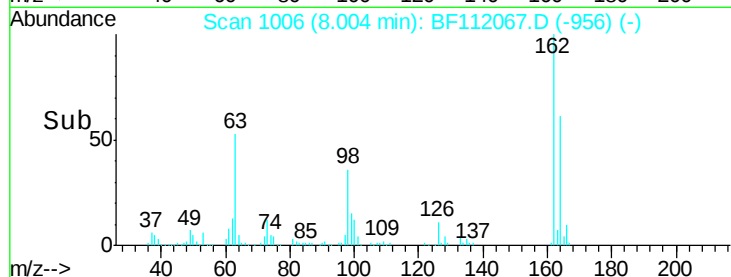
98 36.0 14.6 54.6



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: 10.113 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

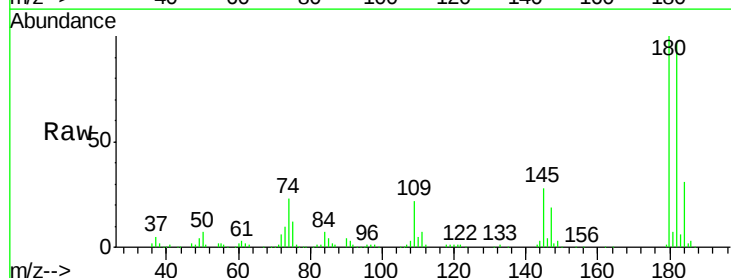
Tgt Ion:180 Resp: 179810

Ion Ratio Lower Upper

180 100

182 97.1 76.4 114.6

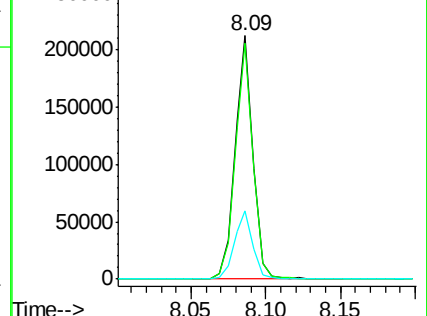
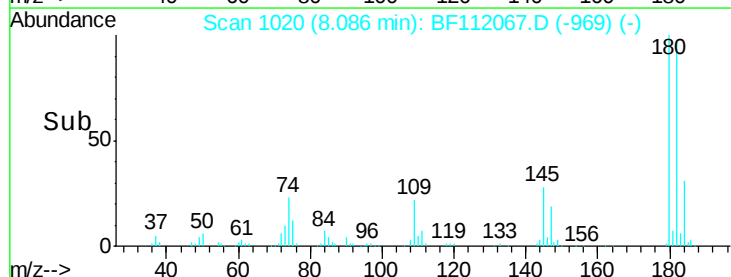
145 28.0 25.0 37.4

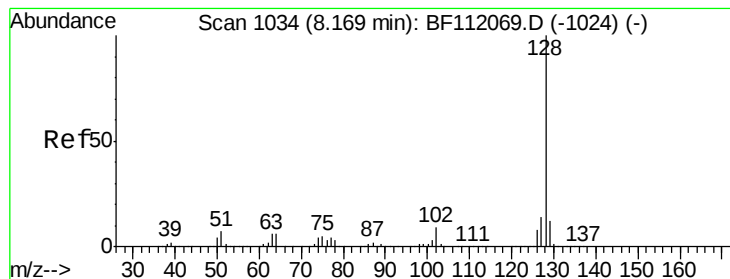


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 10.434 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

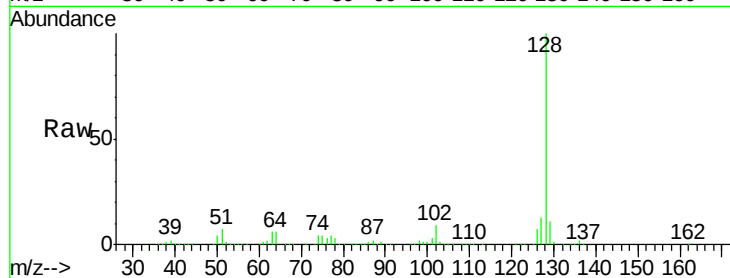
Tgt Ion:128 Resp: 515197

Ion Ratio Lower Upper

128 100

129 11.2 9.6 14.4

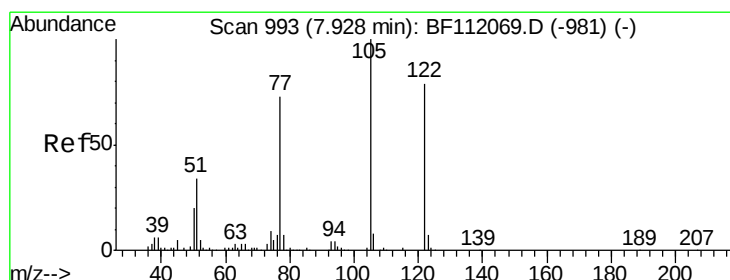
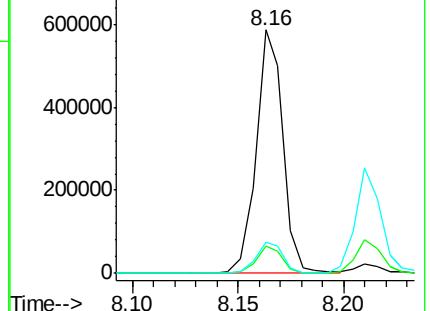
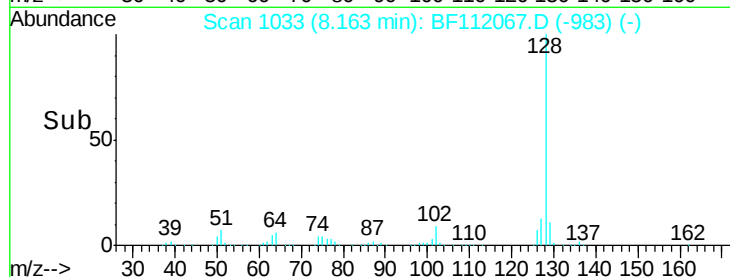
127 12.8 11.1 16.7



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: 1.821 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.05 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

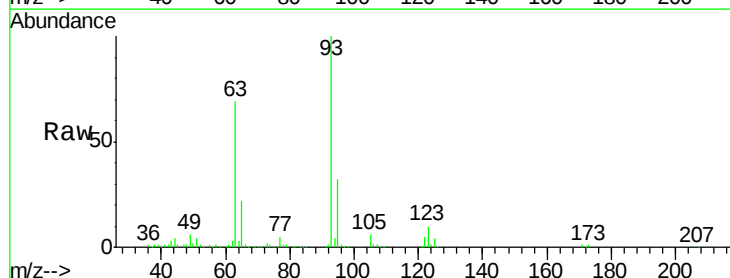
Tgt Ion:122 Resp: 16566

Ion Ratio Lower Upper

122 100

105 116.6 101.2 141.2

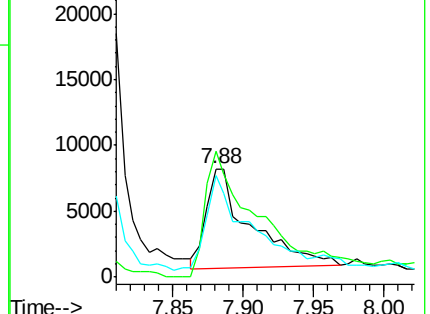
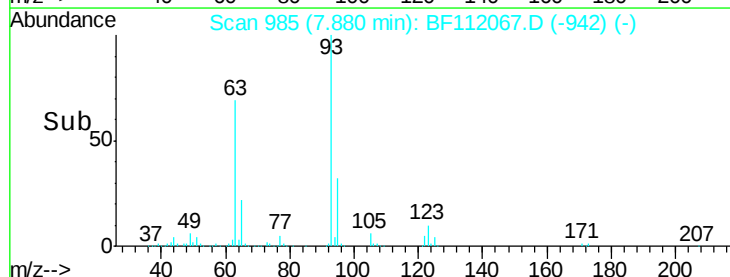
77 93.9 70.4 110.4

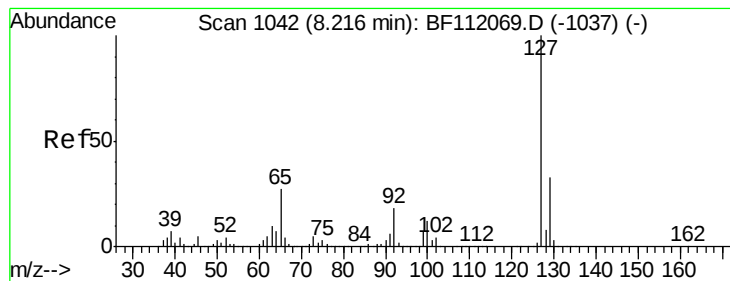


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 10.583 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 225891

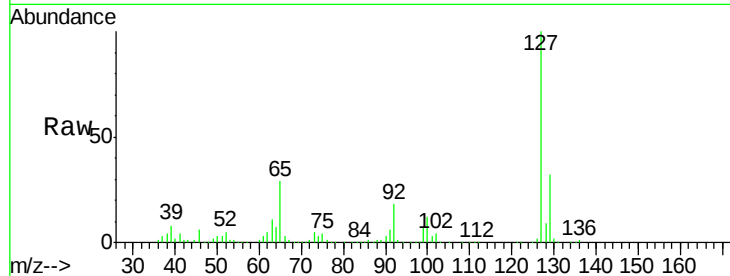
Ion Ratio Lower Upper

127 100

129 32.3 26.6 39.8

65 28.7 21.4 32.2

92 17.7 14.2 21.2

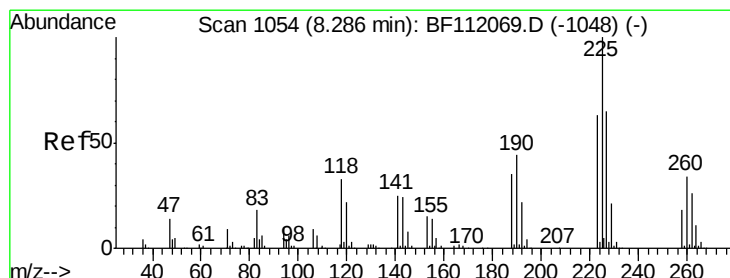
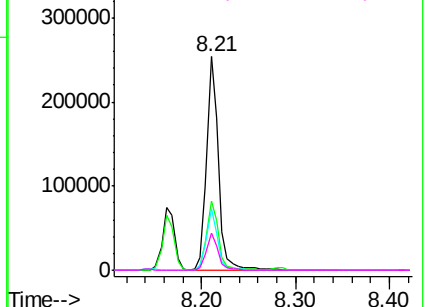
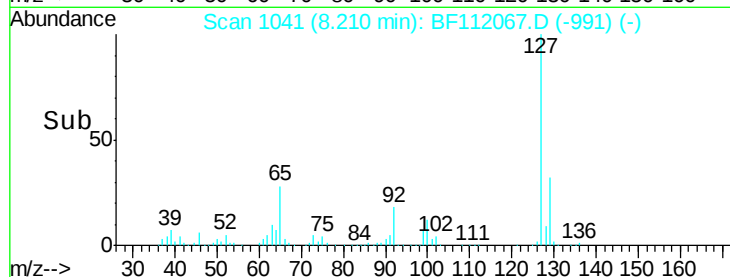


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 9.020 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

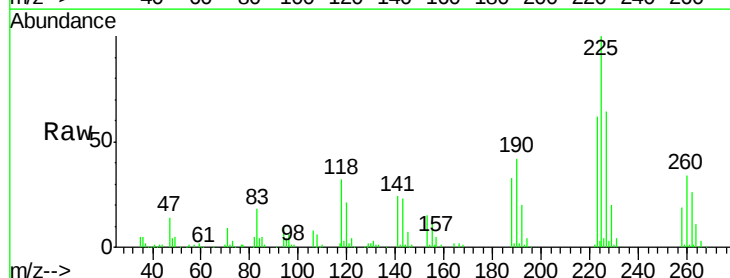
Tgt Ion:225 Resp: 99841

Ion Ratio Lower Upper

225 100

223 62.5 50.3 75.5

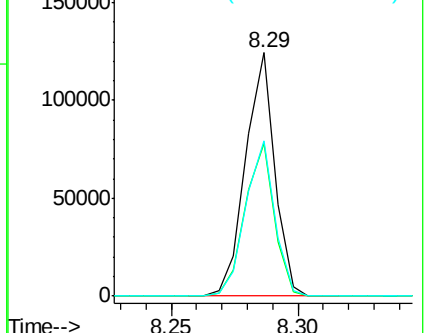
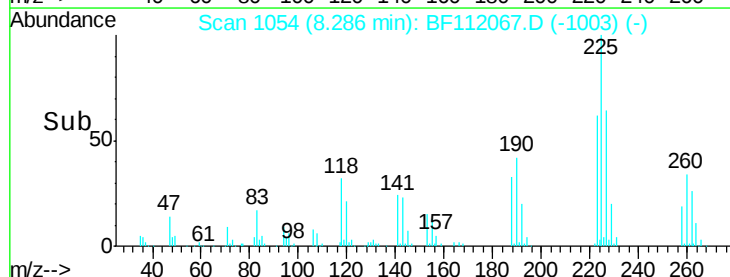
227 63.9 51.8 77.8

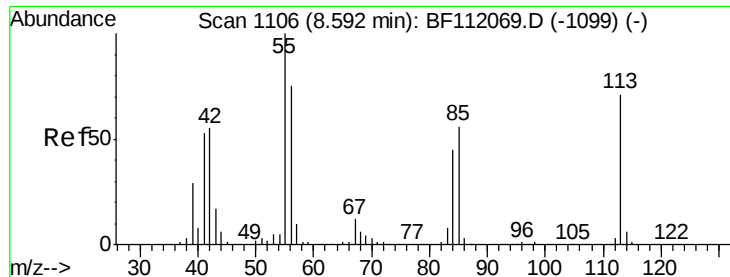


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

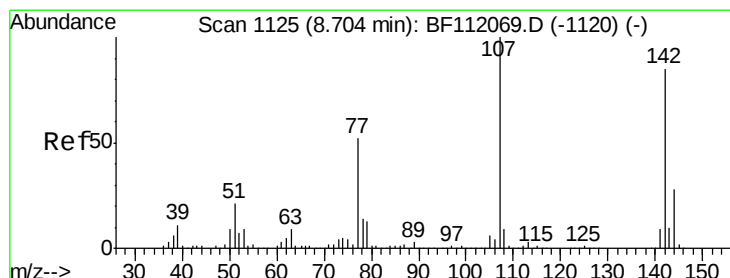
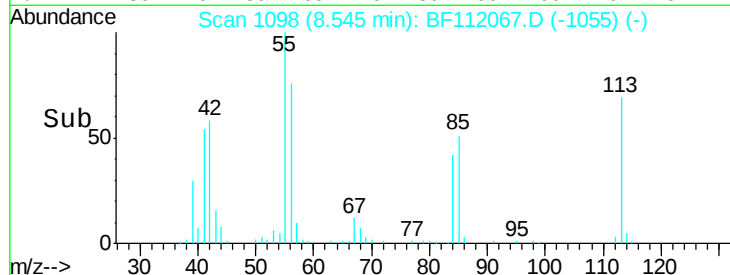
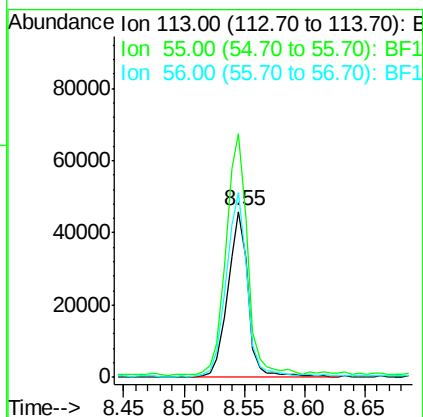
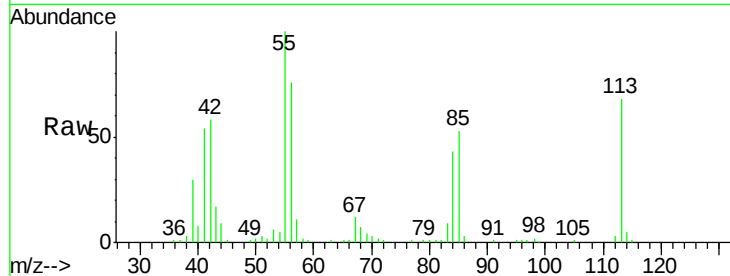




#35
Caprolactam
Concen: 10.123 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.05 min
Lab File: BF112067.D
Acq: 16 Jan 2019 15:19

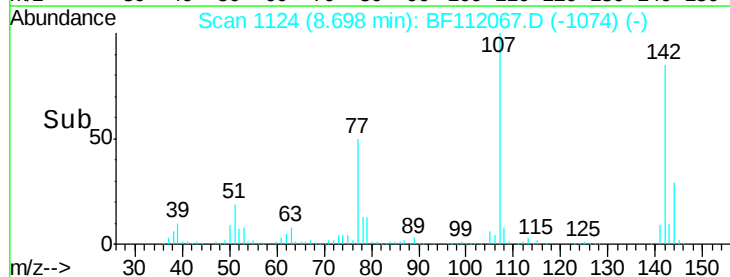
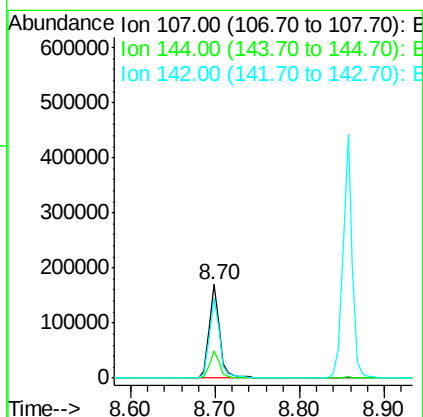
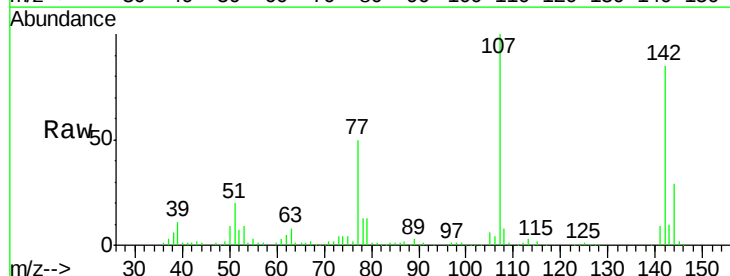
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

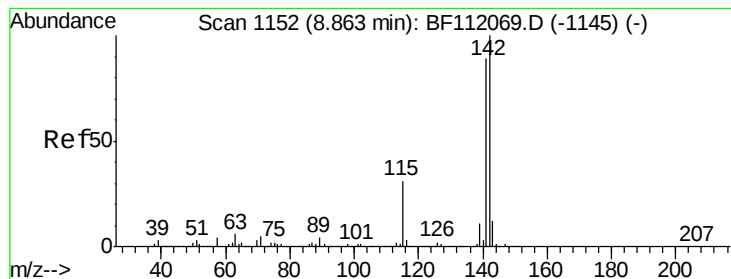
Tgt Ion:113 Resp: 53306
Ion Ratio Lower Upper
113 100
55 146.9 121.6 161.6
56 111.2 86.7 126.7



#36
4-Chloro-3-methylphenol
Concen: 9.455 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF112067.D
Acq: 16 Jan 2019 15:19

Tgt Ion:107 Resp: 151521
Ion Ratio Lower Upper
107 100
144 28.9 22.2 33.2
142 85.3 67.7 101.5





#37

2-Methylnaphthalene

Concen: 11.386 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

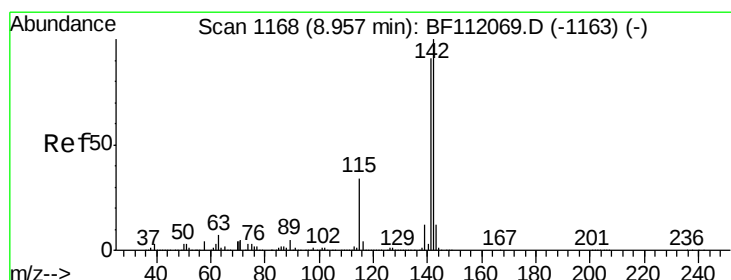
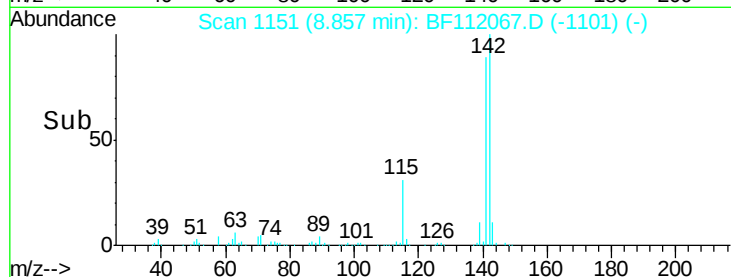
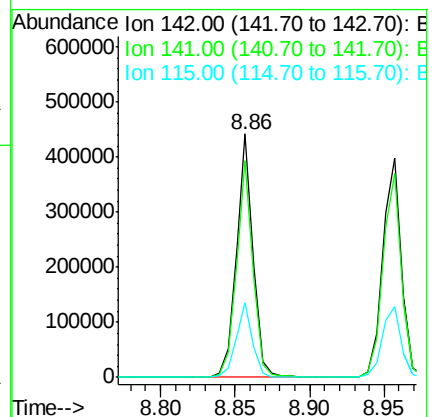
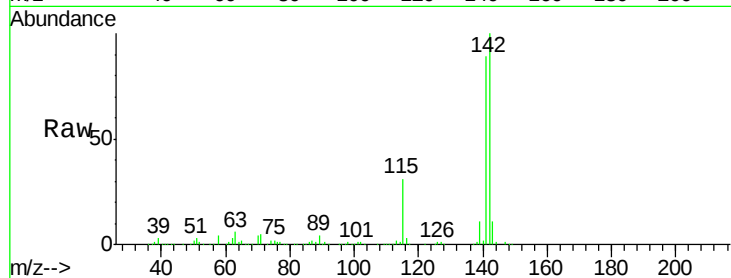
Tgt Ion:142 Resp: 348389

Ion Ratio Lower Upper

142 100

141 88.8 70.9 106.3

115 30.7 24.9 37.3



#38

1-Methylnaphthalene

Concen: 11.484 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

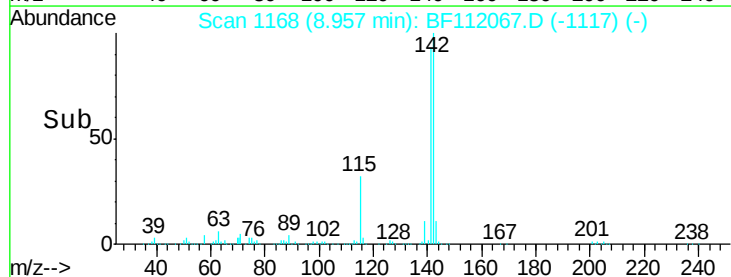
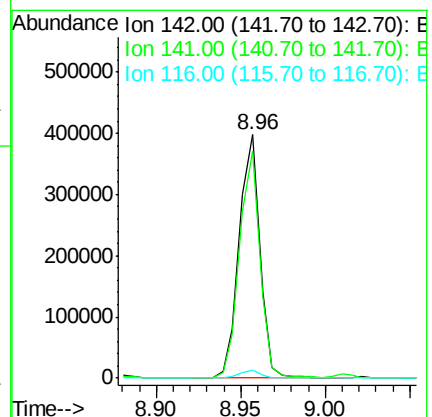
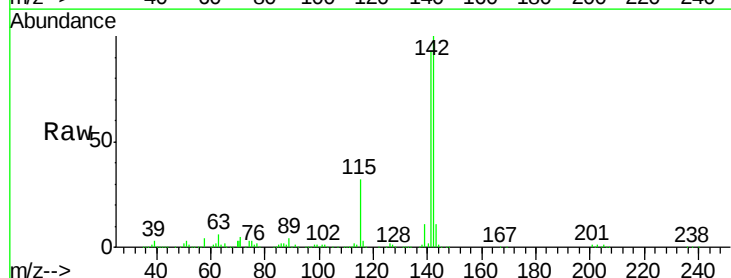
Tgt Ion:142 Resp: 337020

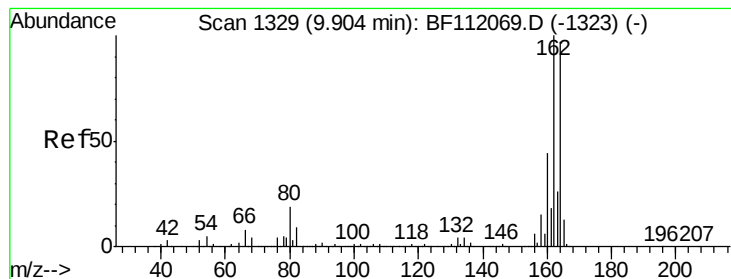
Ion Ratio Lower Upper

142 100

141 93.2 72.6 108.8

116 3.1 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

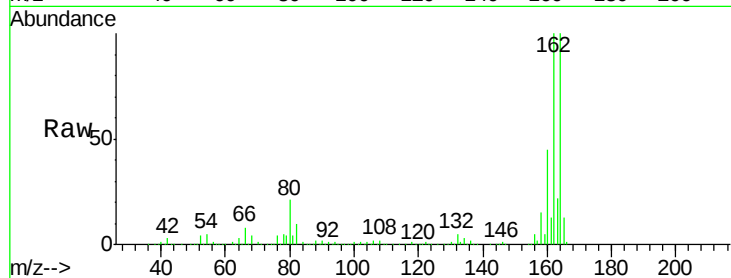
Tgt Ion:164 Resp: 521490

Ion Ratio Lower Upper

164 100

162 99.7 82.2 123.4

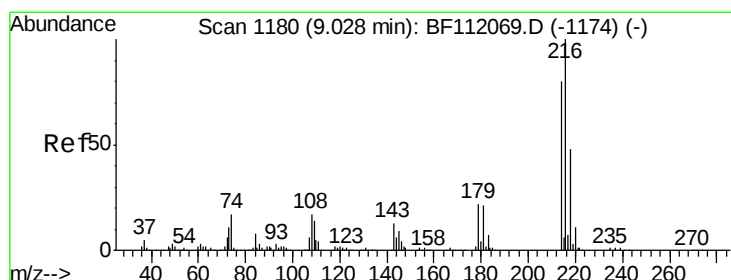
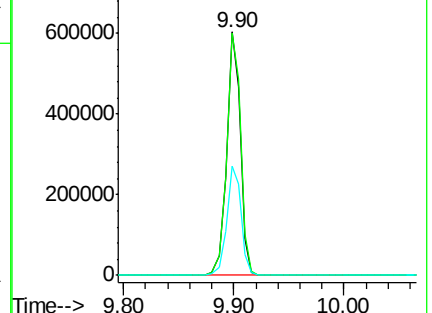
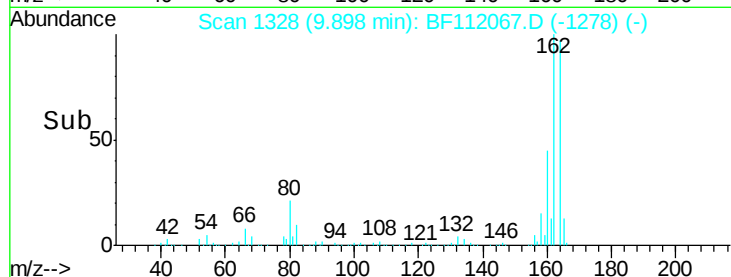
160 44.8 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.670 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Tgt Ion:216 Resp: 177384

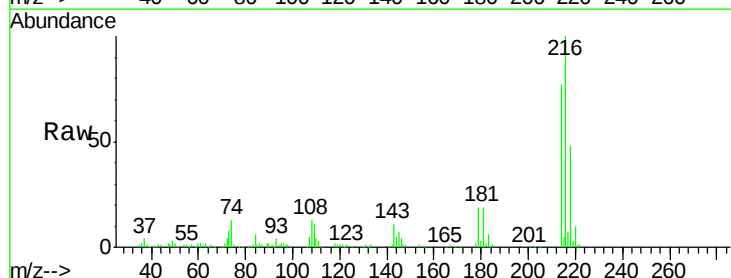
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.6

179 20.7 16.9 25.3

108 16.9 14.2 21.4

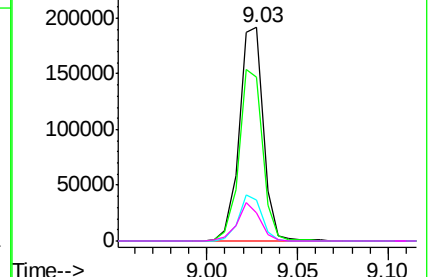
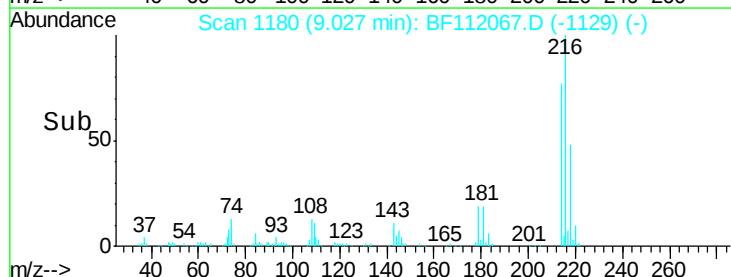


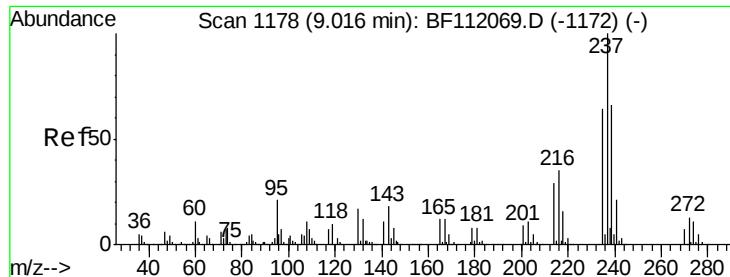
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 3.176 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

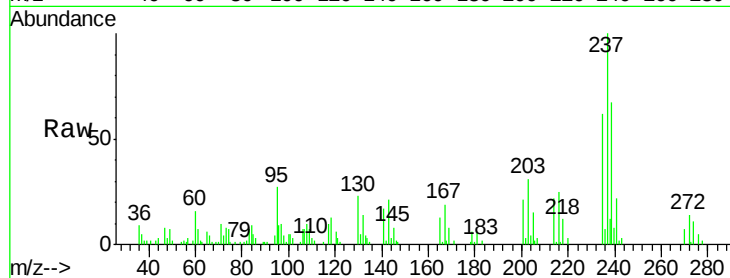
Tgt Ion: 237 Resp: 30529

Ion Ratio Lower Upper

237 100

235 61.8 44.0 84.0

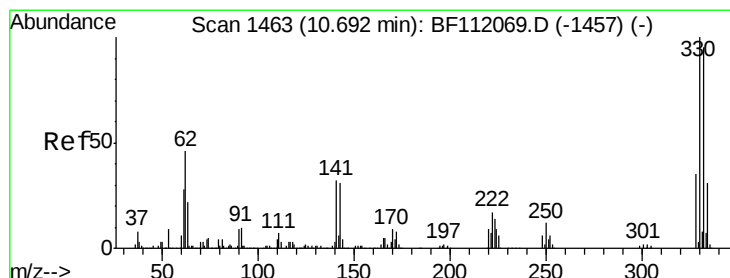
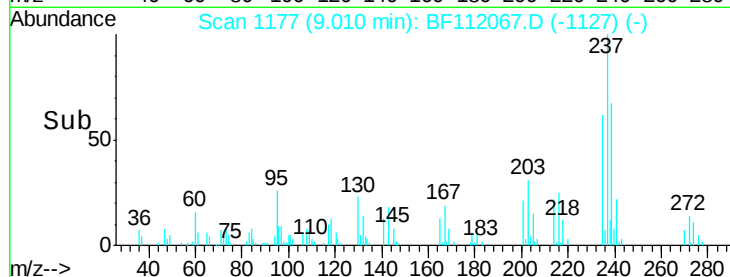
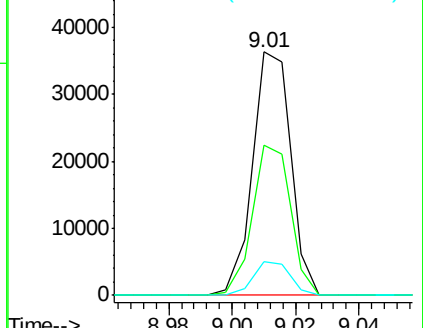
272 13.6 0.0 33.3



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: 16.865 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

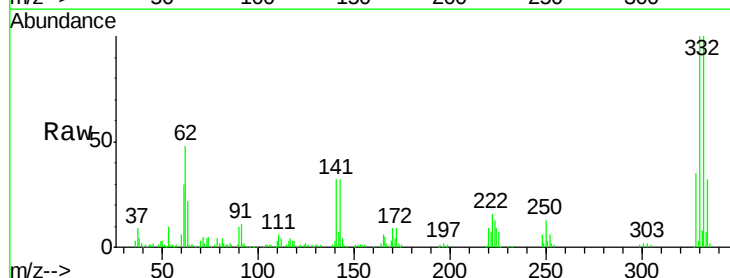
Tgt Ion: 330 Resp: 114392

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

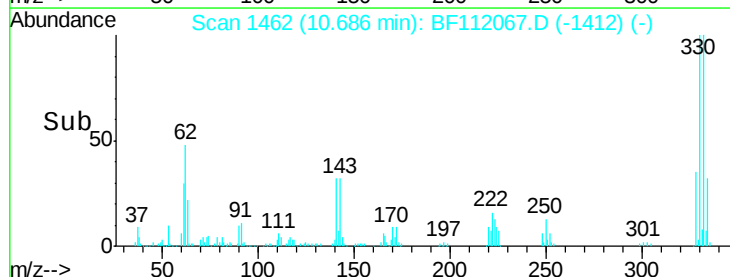
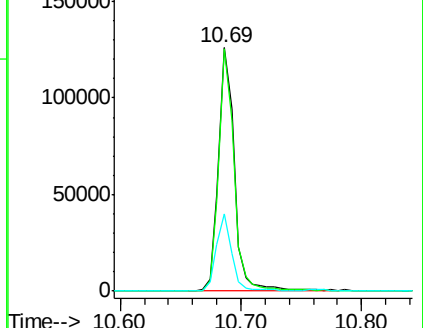
141 30.6 24.3 36.5

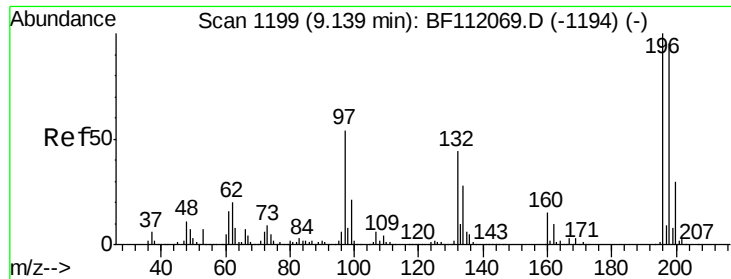


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

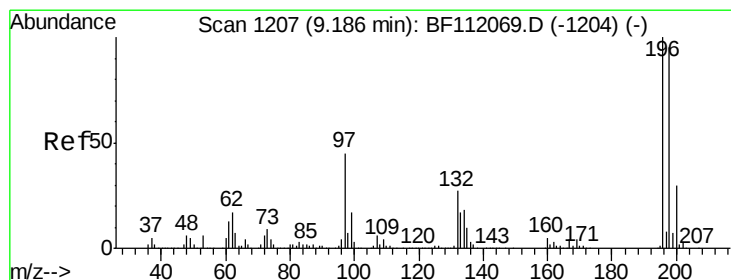
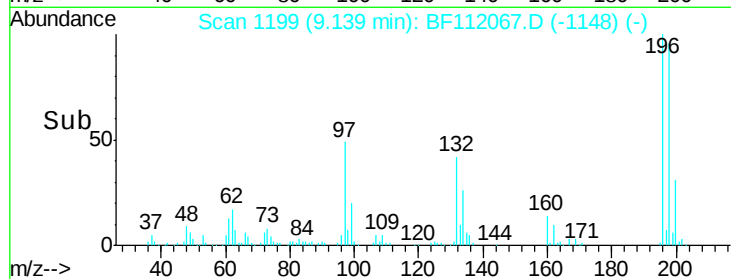
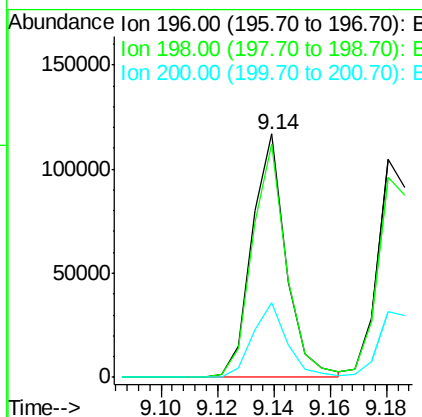
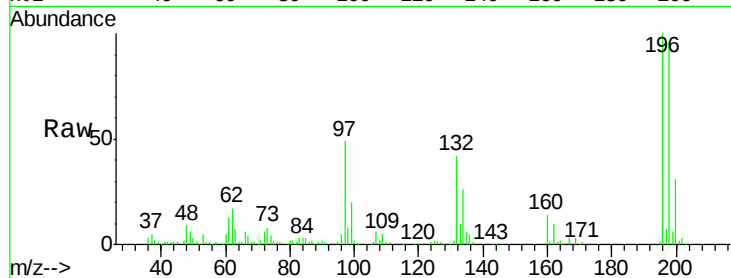




#43
 2,4,6-Trichlorophenol
 Concen: 8.683 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF112067.D
 Acq: 16 Jan 2019 15:19

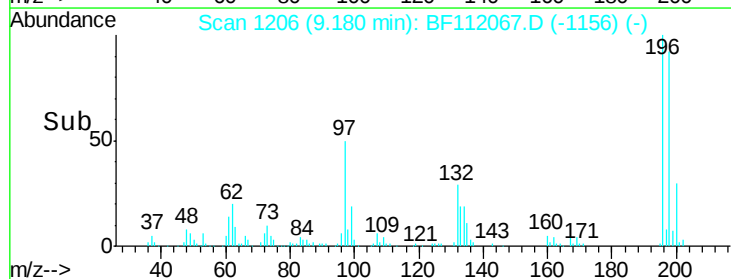
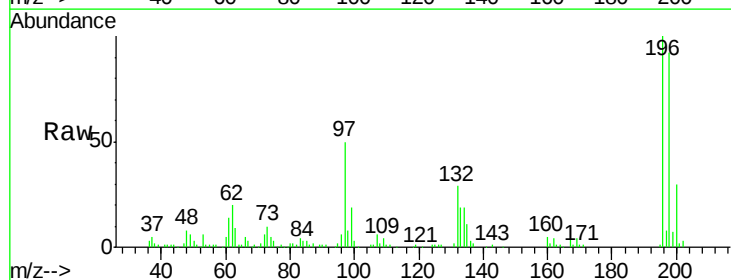
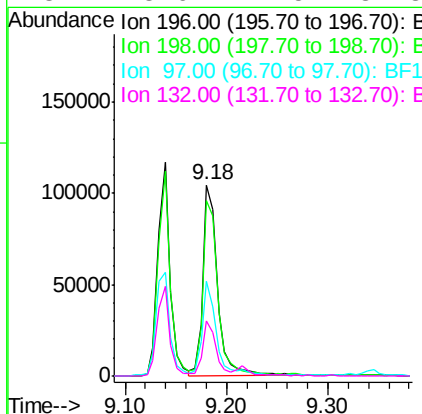
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

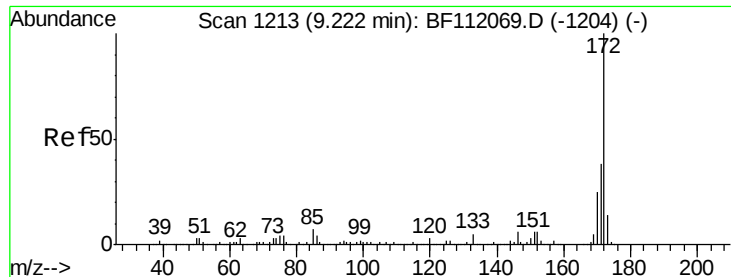
Tgt Ion:196 Resp: 97908
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.2 114.4
 200 30.5 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 8.996 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF112067.D
 Acq: 16 Jan 2019 15:19

Tgt Ion:196 Resp: 106278
 Ion Ratio Lower Upper
 196 100
 198 92.0 76.0 114.0
 97 49.8 36.4 54.6
 132 28.6 21.5 32.3

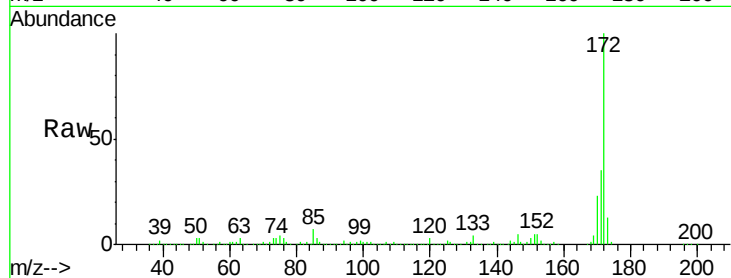




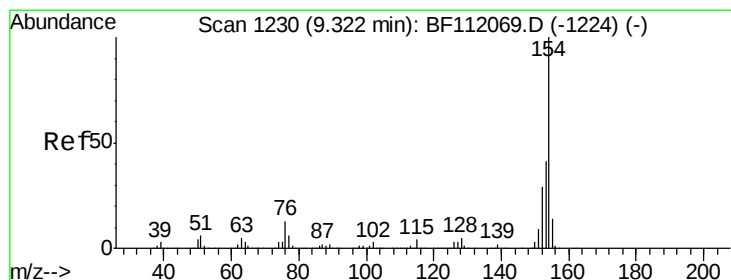
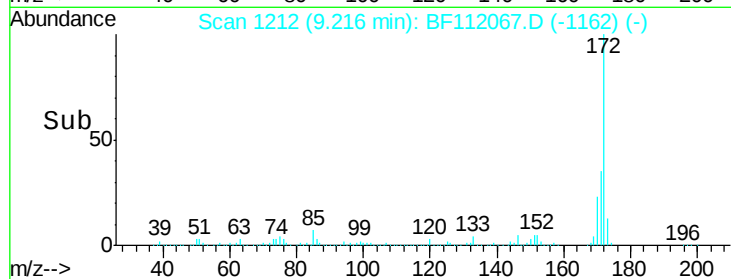
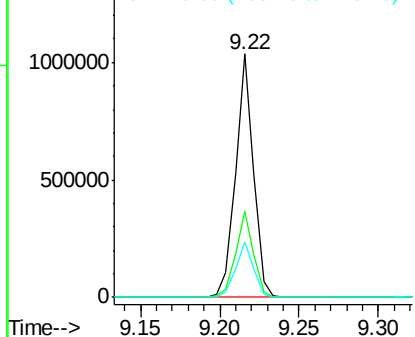
#45
 2-Fluorobiphenyl
 Concen: 22.690 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF112067.D
 Acq: 16 Jan 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion:172 Resp: 811463
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.5 45.7
 170 23.0 20.2 30.4

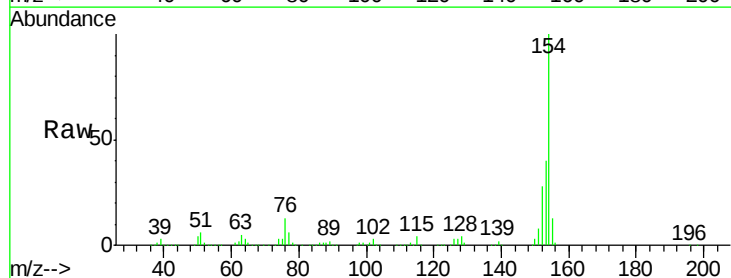


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

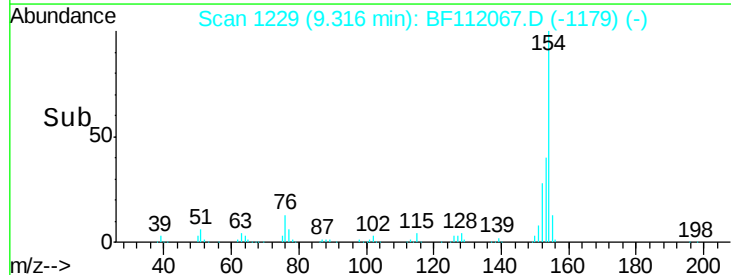
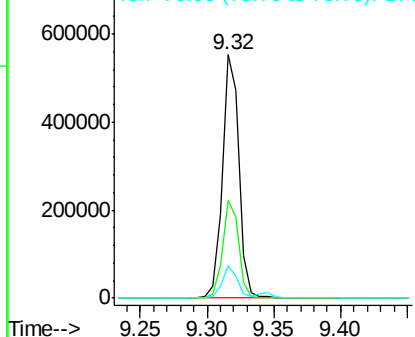


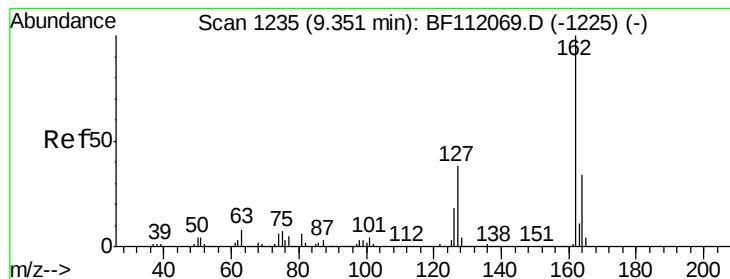
#46
 1,1'-Biphenyl
 Concen: 11.064 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF112067.D
 Acq: 16 Jan 2019 15:19

Tgt Ion:154 Resp: 482651
 Ion Ratio Lower Upper
 154 100
 153 40.1 21.5 61.5
 76 13.2 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: 10.842 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

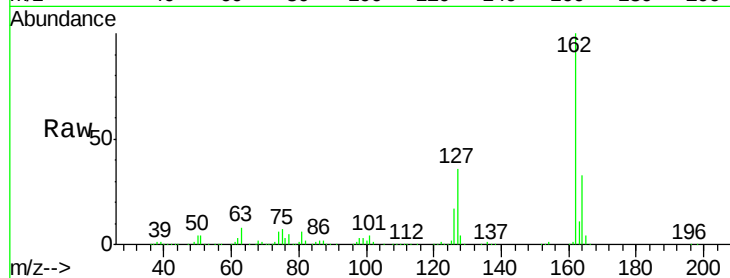
Tgt Ion: 162 Resp: 371174

Ion Ratio Lower Upper

162 100

127 36.1 30.4 45.6

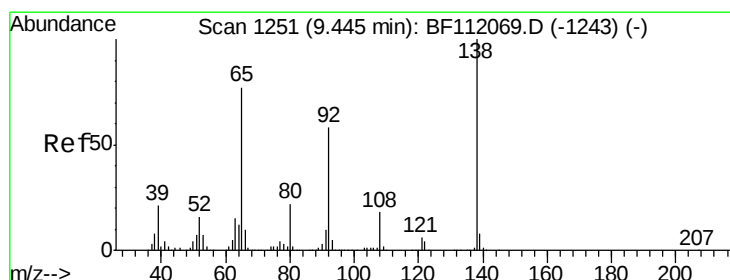
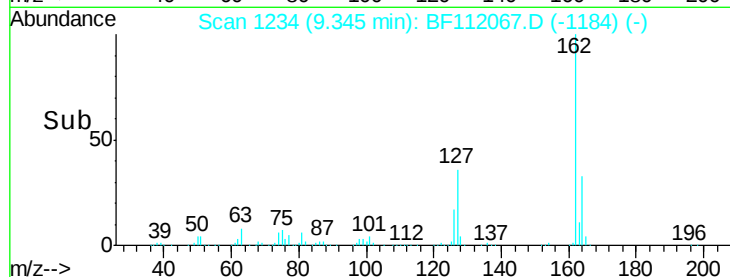
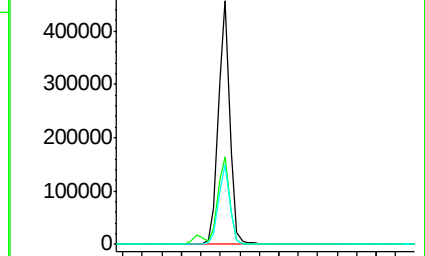
164 32.9 27.4 41.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 5.299 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

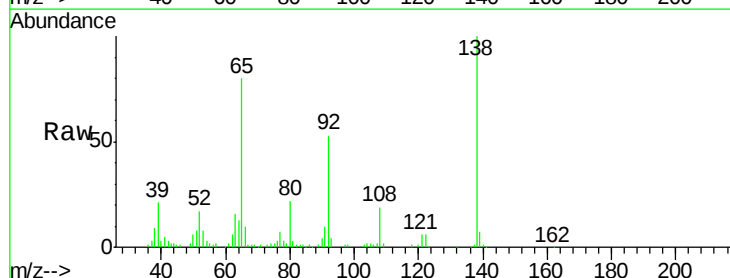
Tgt Ion: 65 Resp: 55465

Ion Ratio Lower Upper

65 100

92 66.3 60.4 90.6

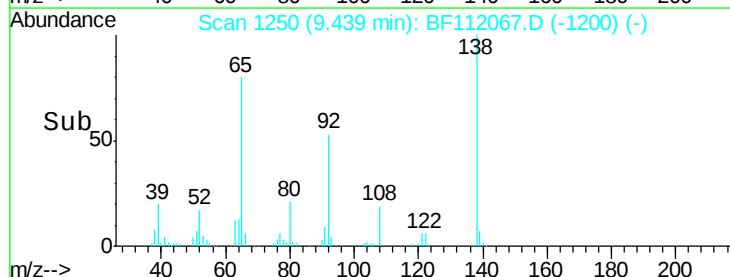
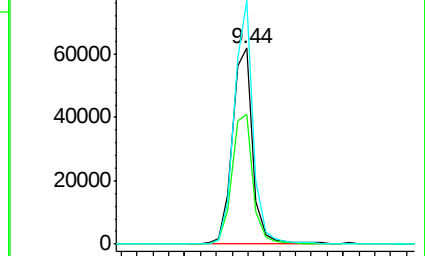
138 124.3 104.4 156.6

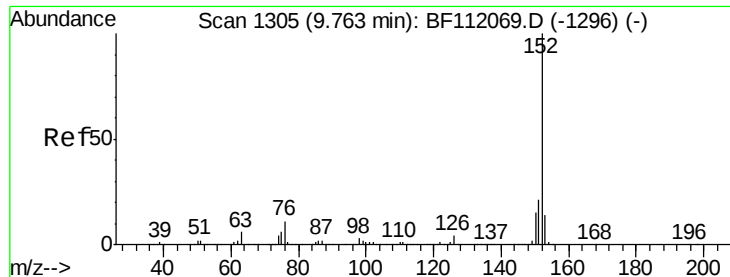


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 10.833 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

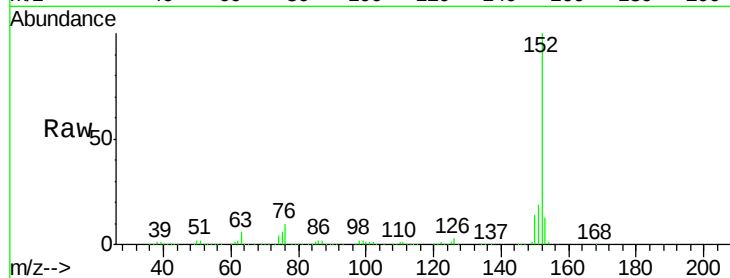
Tgt Ion:152 Resp: 548338

Ion Ratio Lower Upper

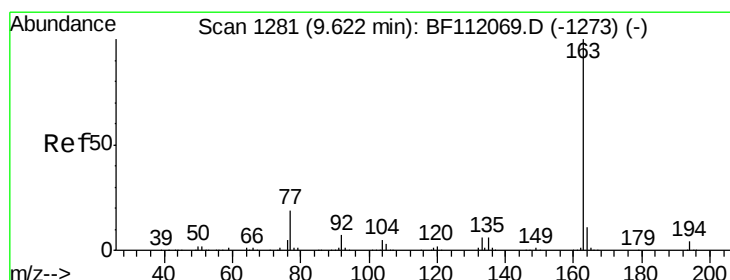
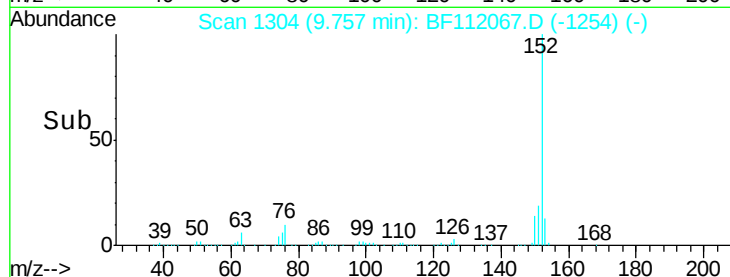
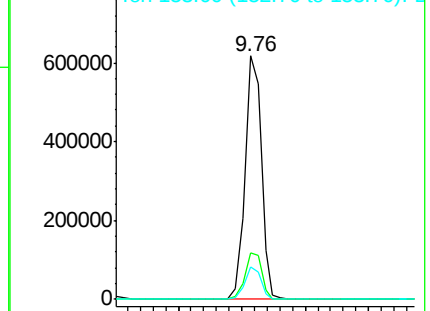
152 100

151 19.3 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: 10.215 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

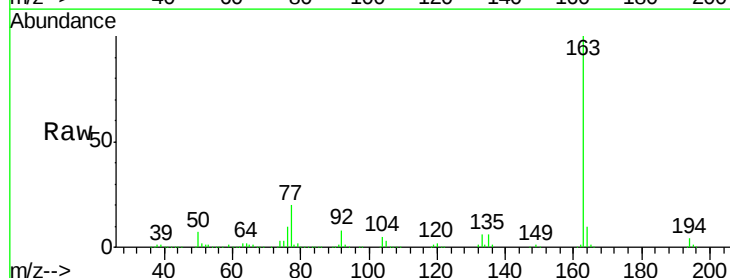
Tgt Ion:163 Resp: 400183

Ion Ratio Lower Upper

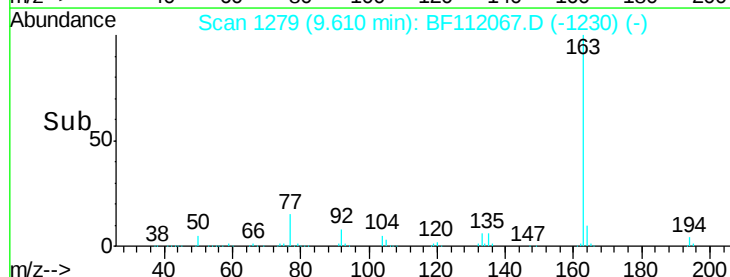
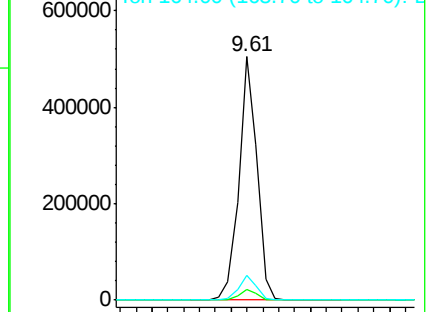
163 100

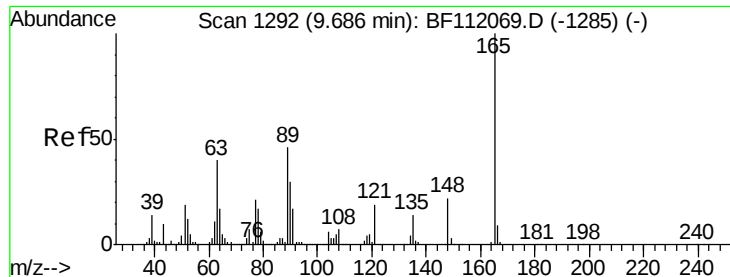
194 4.1 3.3 4.9

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

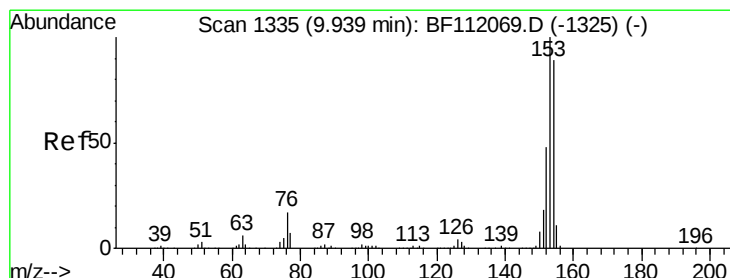
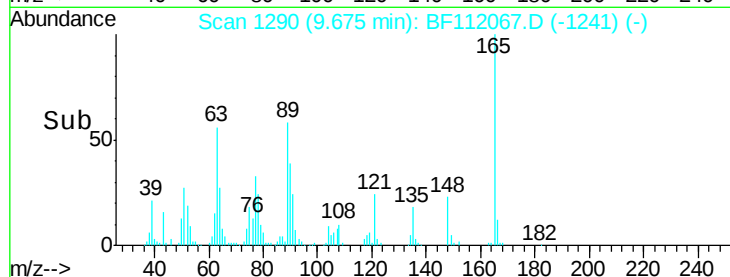
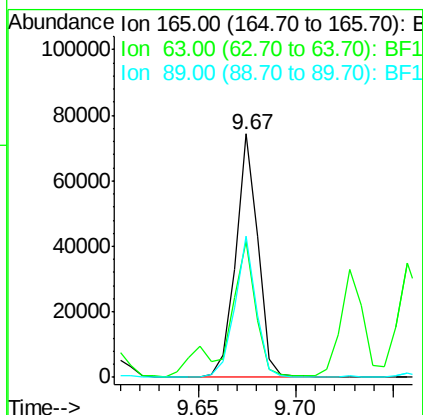
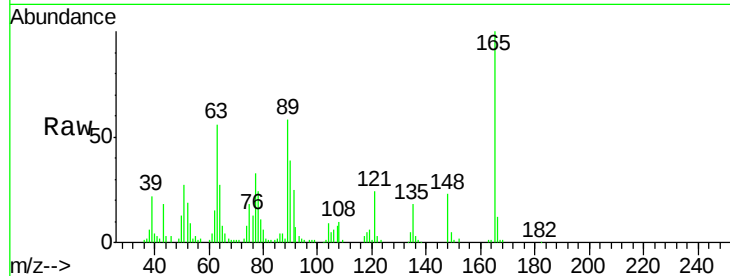




#51
2,6-Dinitrotoluene
Concen: 6.690 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF112067.D
Acq: 16 Jan 2019 15:19

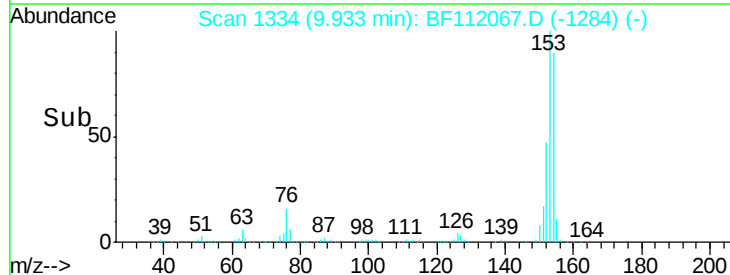
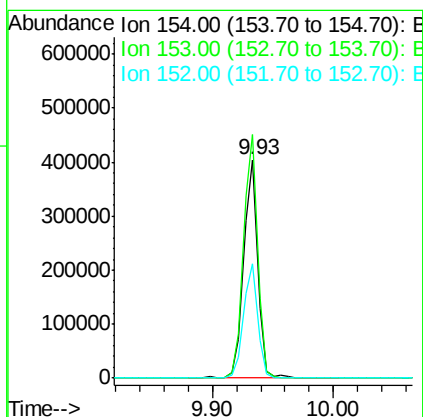
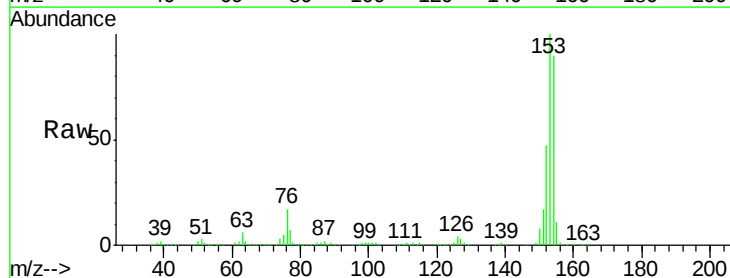
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

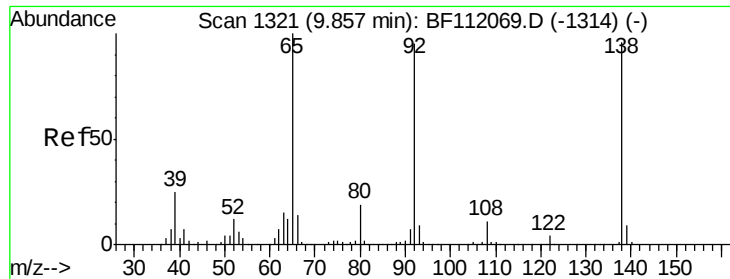
Tgt Ion:165 Resp: 58607
Ion Ratio Lower Upper
165 100
63 55.6 33.8 50.8#
89 57.8 36.9 55.3#



#52
Acenaphthene
Concen: 10.213 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF112067.D
Acq: 16 Jan 2019 15:19

Tgt Ion:154 Resp: 333260
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.6
152 52.7 43.5 65.3

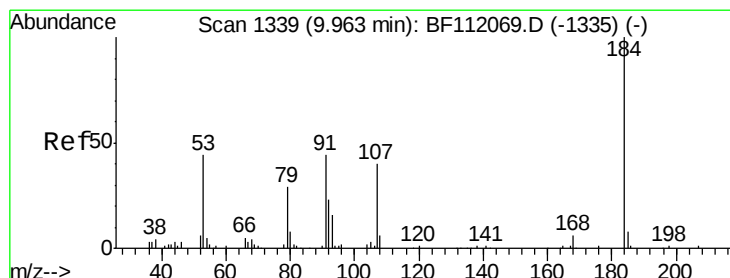
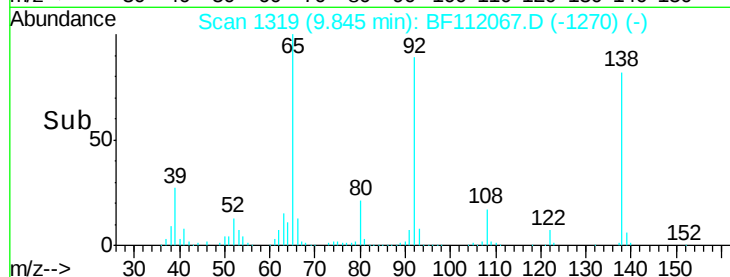
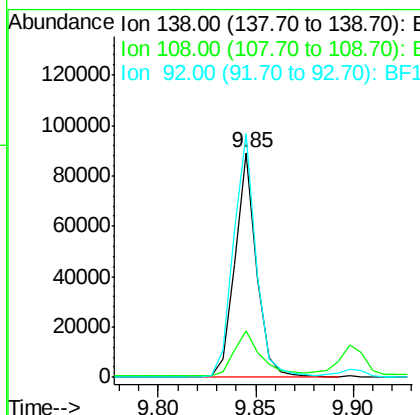
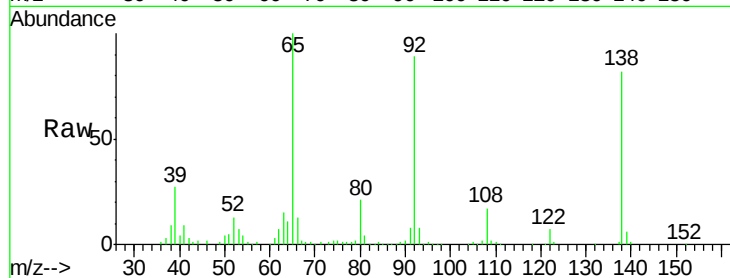




#53
 3-Nitroaniline
 Concen: 7.300 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF112067.D
 Acq: 16 Jan 2019 15:19

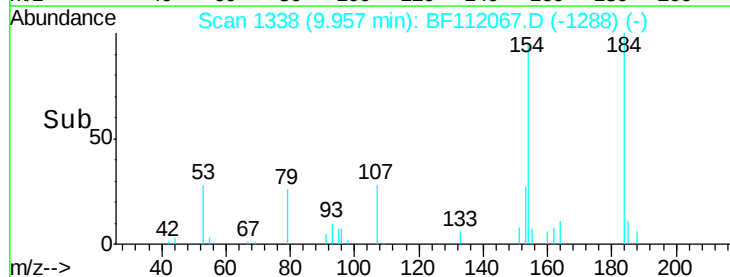
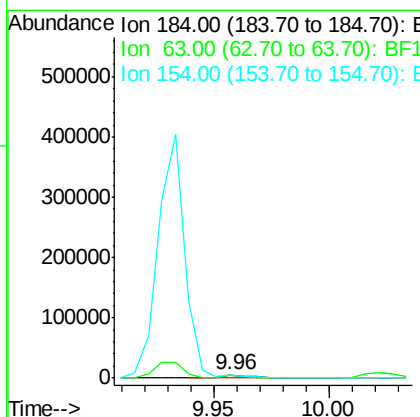
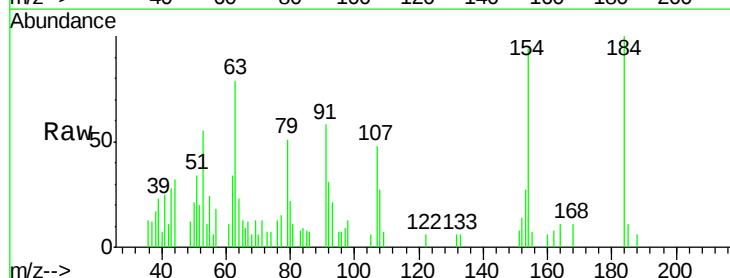
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

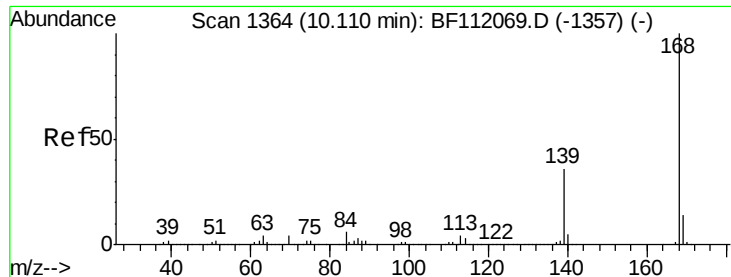
Tgt Ion:138 Resp: 68488
 Ion Ratio Lower Upper
 138 100
 108 20.5 9.8 14.6#
 92 108.3 79.4 119.2



#54
 2,4-Dinitrophenol
 Concen: 1.528 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF112067.D
 Acq: 16 Jan 2019 15:19

Tgt Ion:184 Resp: 5668
 Ion Ratio Lower Upper
 184 100
 63 78.5 47.1 70.7#
 154 93.6 48.9 73.3#

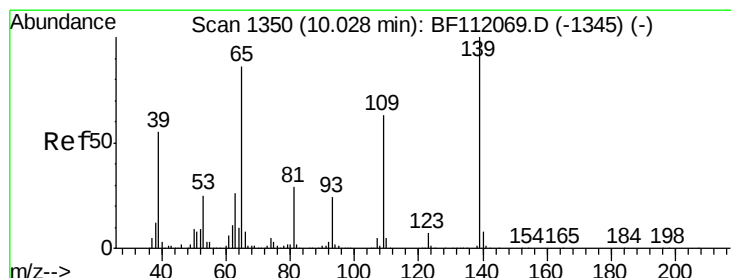
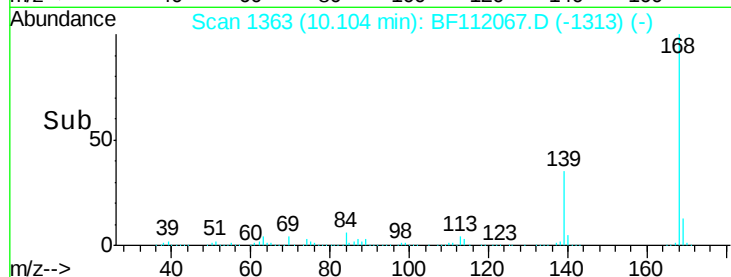
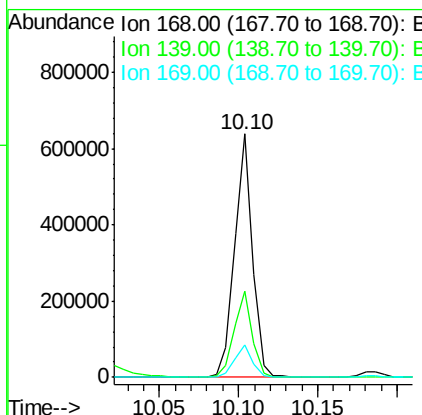
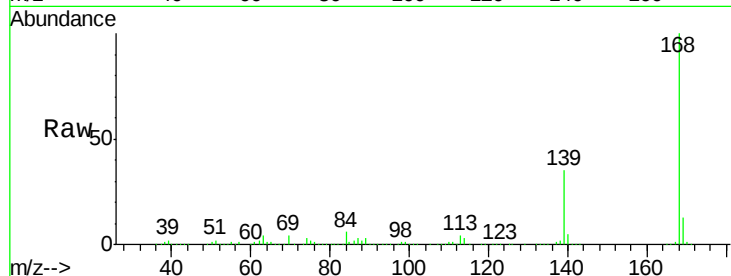




#55
Dibenzenofuran
Concen: 10.568 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF112067.D
Acq: 16 Jan 2019 15:19

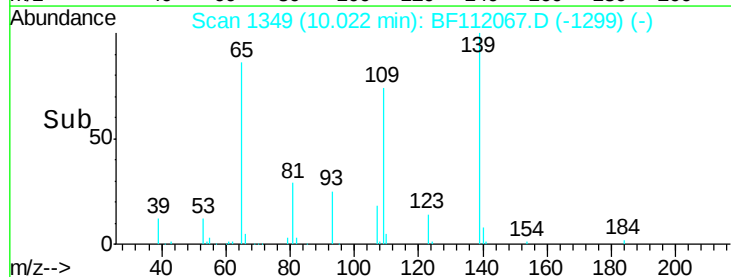
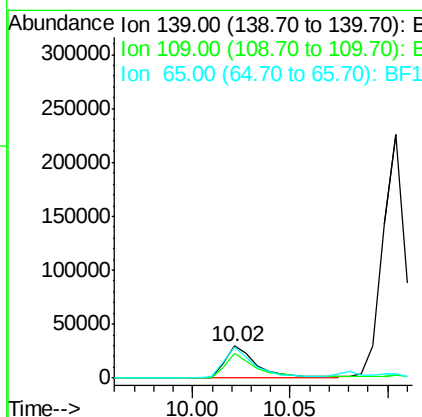
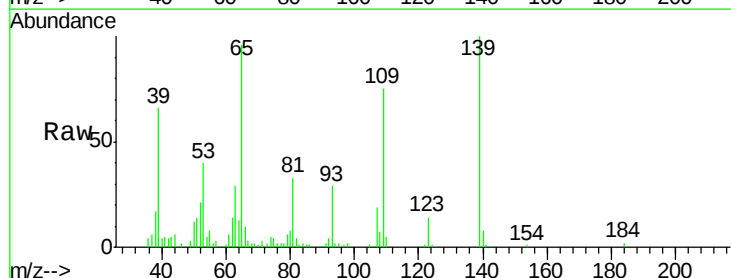
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

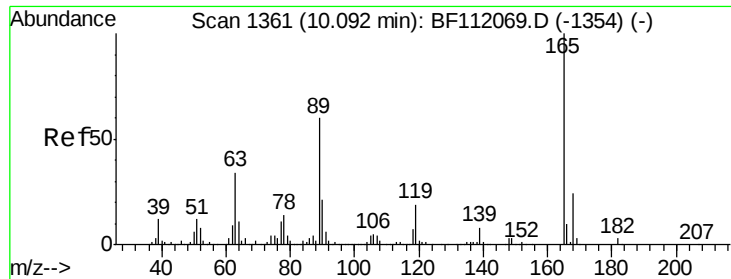
Tgt Ion:168 Resp: 501515
Ion Ratio Lower Upper
168 100
139 35.3 29.2 43.8
169 13.4 11.4 17.0



#56
4-Nitrophenol
Concen: 5.227 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF112067.D
Acq: 16 Jan 2019 15:19

Tgt Ion:139 Resp: 34650
Ion Ratio Lower Upper
139 100
109 74.6 42.8 82.8
65 96.2 66.1 106.1

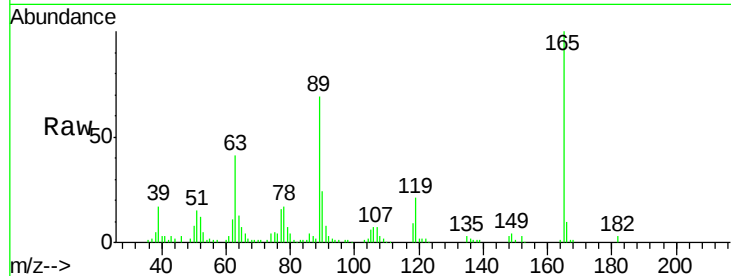




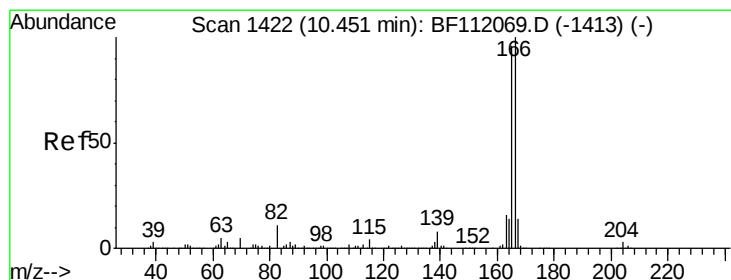
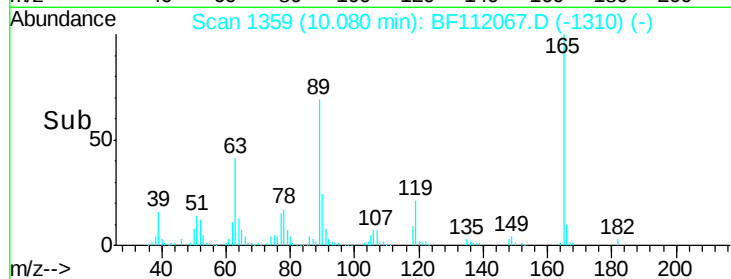
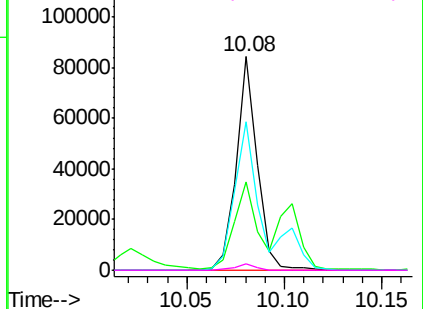
#57
2,4-Dinitrotoluene
Concen: 5.542 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112067.D
Acq: 16 Jan 2019 15:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tgt Ion:165 Resp: 62736
Ion Ratio Lower Upper
165 100
63 41.5 27.9 41.9
89 69.3 47.9 71.9
182 2.9 2.2 3.4

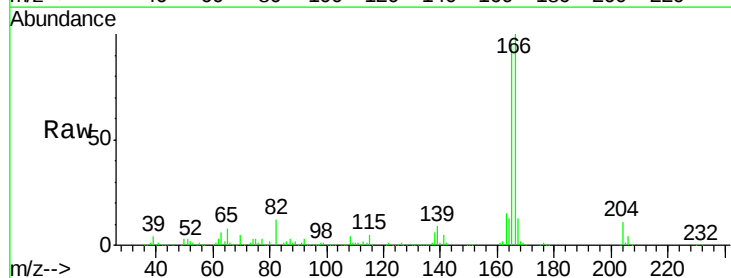


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

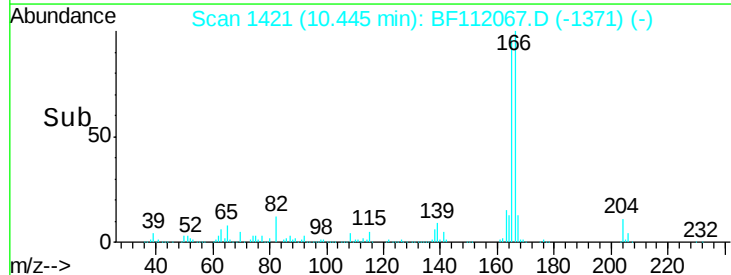
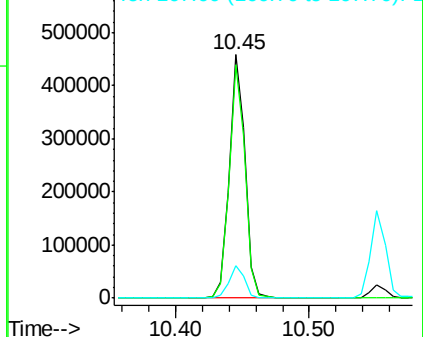


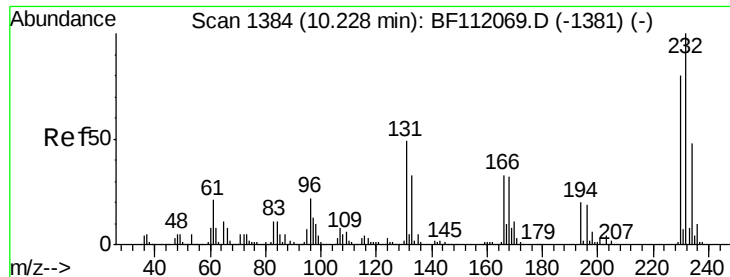
#58
Fluorene
Concen: 11.124 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112067.D
Acq: 16 Jan 2019 15:19

Tgt Ion:166 Resp: 384120
Ion Ratio Lower Upper
166 100
165 96.1 77.1 115.7
167 13.2 11.3 16.9



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

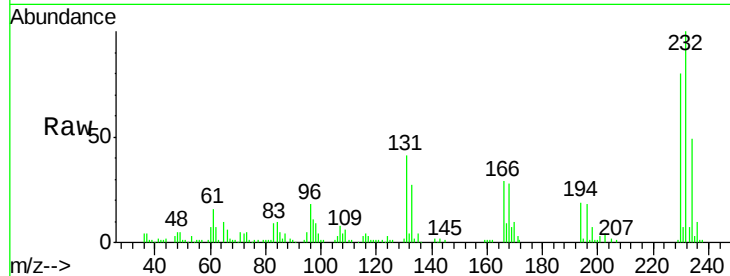




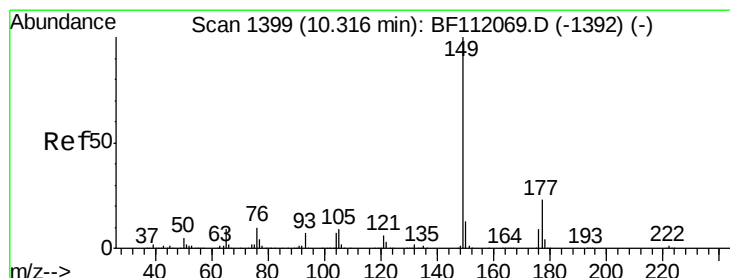
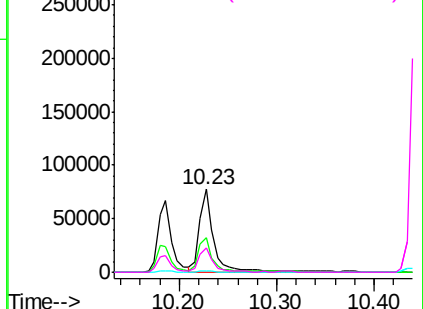
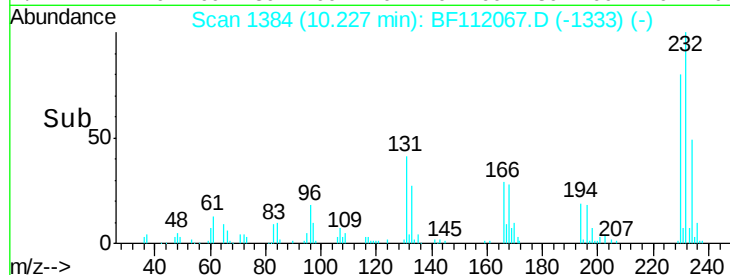
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.891 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF112067.D
 Acq: 16 Jan 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion: 232 Resp: 78546
 Ion Ratio Lower Upper
 232 100
 131 41.9 33.9 50.9
 130 2.0 1.8 2.6
 166 27.8 23.6 35.4

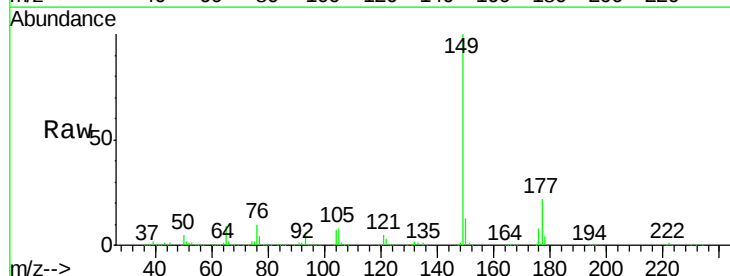


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

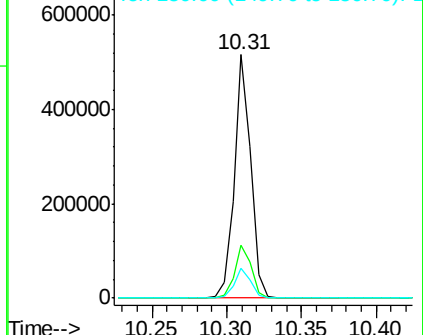
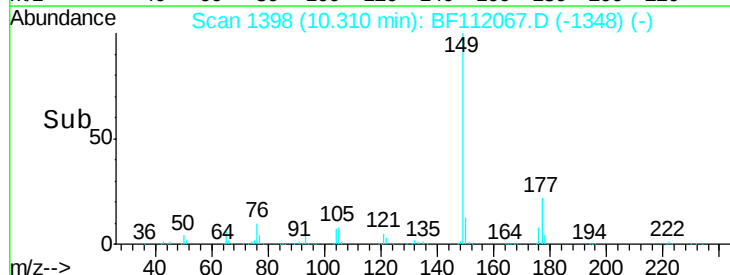


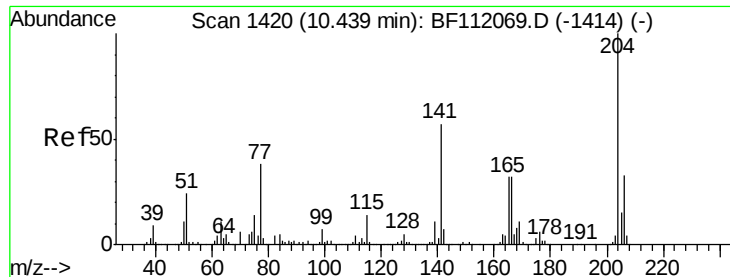
#60
 Diethylphthalate
 Concen: 10.610 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF112067.D
 Acq: 16 Jan 2019 15:19

Tgt Ion: 149 Resp: 402220
 Ion Ratio Lower Upper
 149 100
 177 21.7 18.2 27.2
 150 12.5 10.4 15.6



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

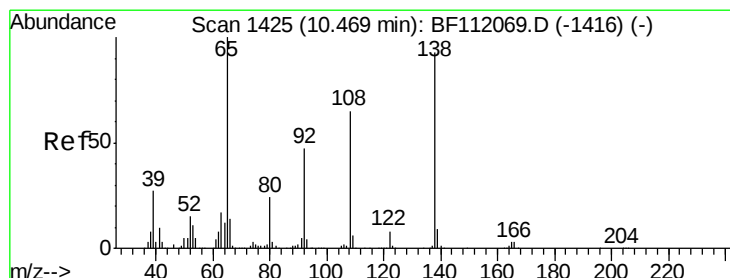
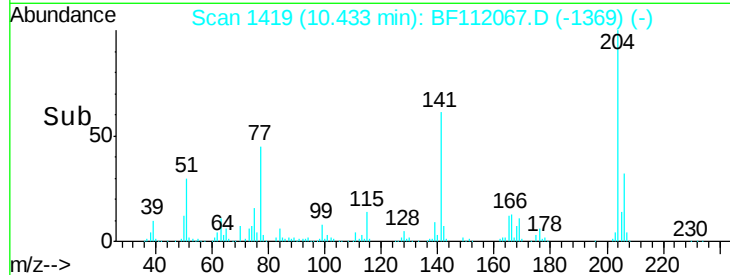
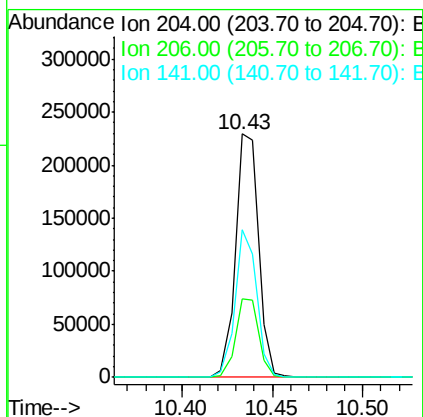
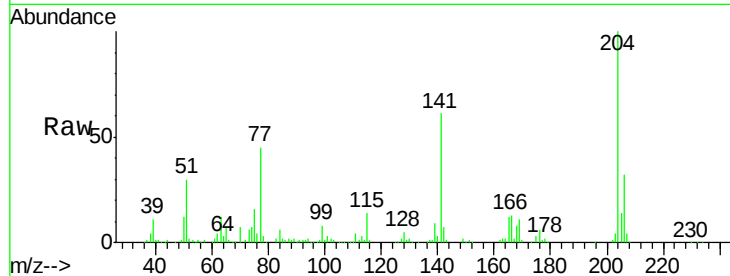




#61
 4-Chlorophenyl-phenylether
 Concen: 10.515 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF112067.D
 Acq: 16 Jan 2019 15:19

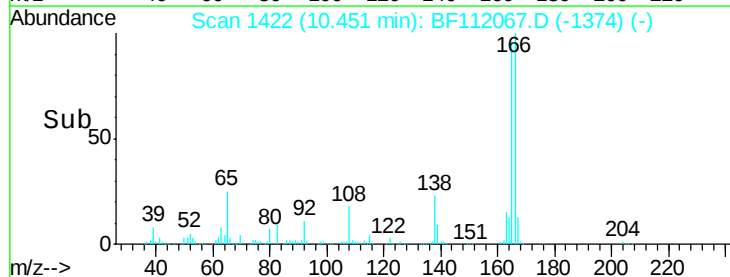
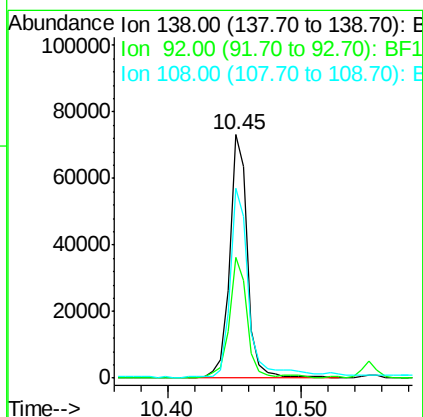
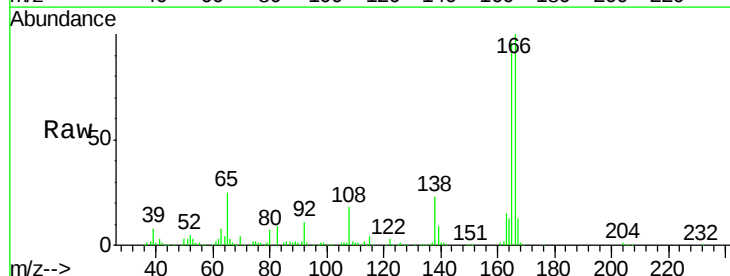
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

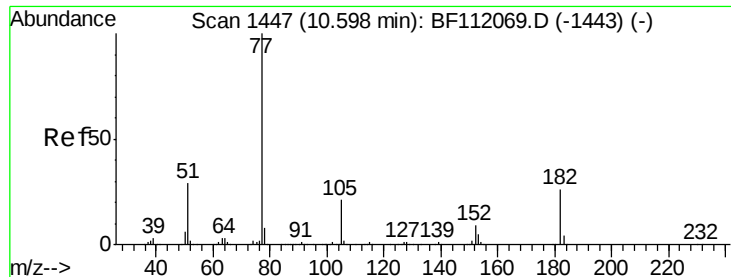
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	60.7	45.9	68.9



#62
 4-Nitroaniline
 Concen: 7.736 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF112067.D
 Acq: 16 Jan 2019 15:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	30.6	70.6
108	77.8	50.0	90.0





#63

Azobenzene

Concen: 10.599 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion: 77 Resp: 383838

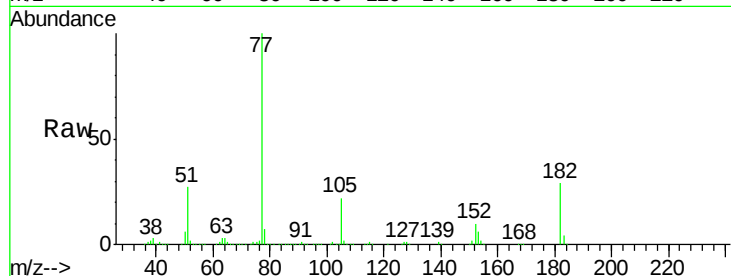
Ion Ratio Lower Upper

77 100

182 29.4 5.7 45.7

105 21.9 1.4 41.4

51 27.3 9.5 49.5

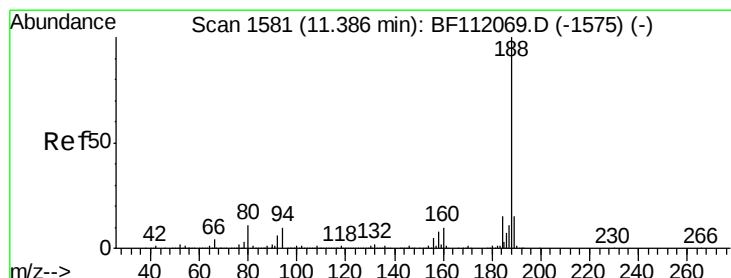
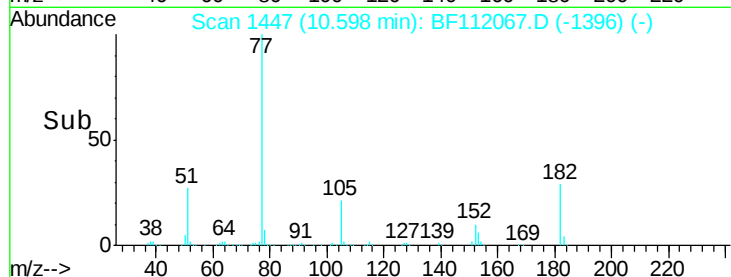
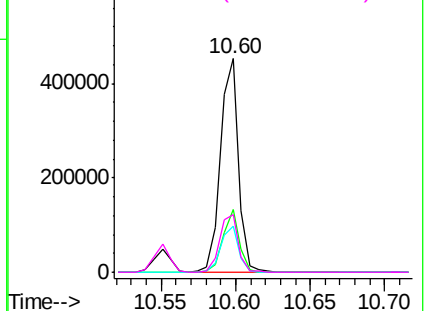


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

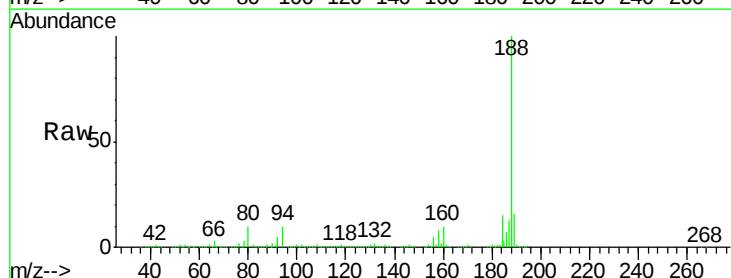
Tgt Ion: 188 Resp: 1013495

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

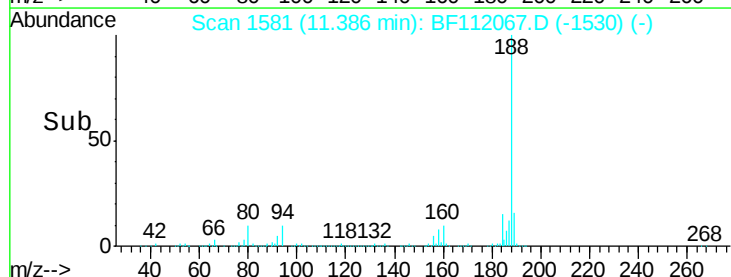
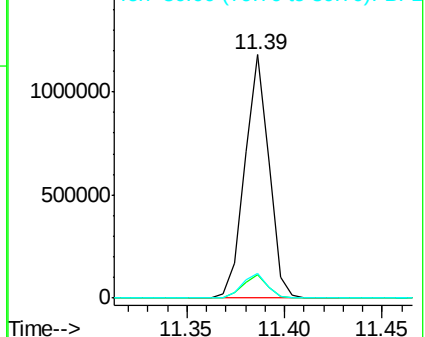
80 10.1 8.9 13.3

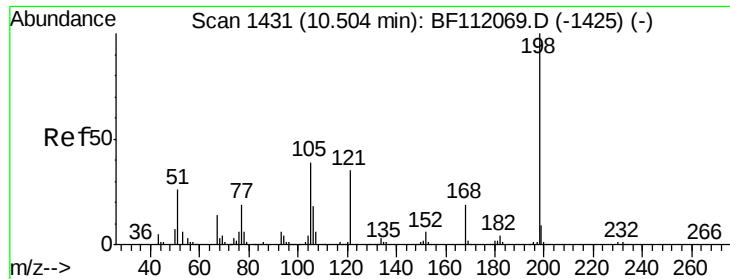


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 2.639 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

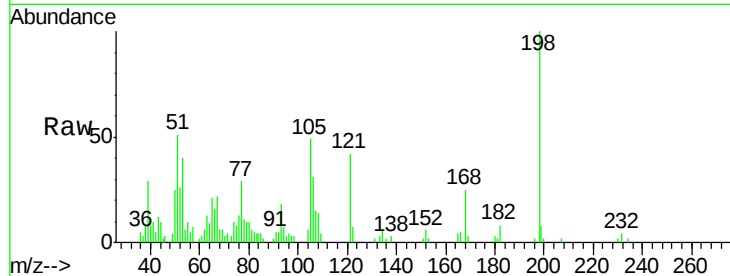
Tgt Ion:198 Resp: 16505

Ion Ratio Lower Upper

198 100

51 51.5 17.2 57.2

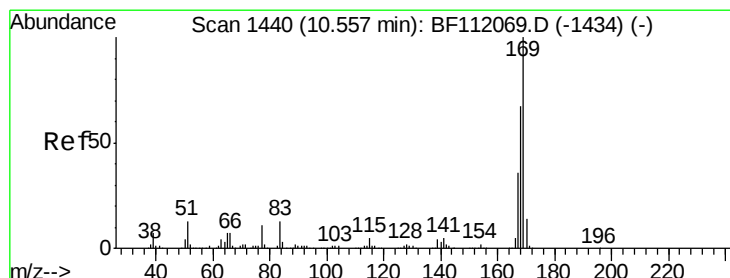
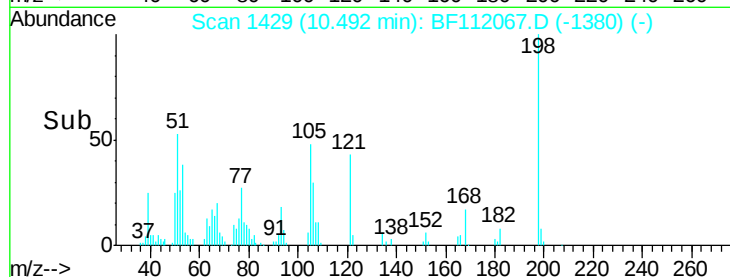
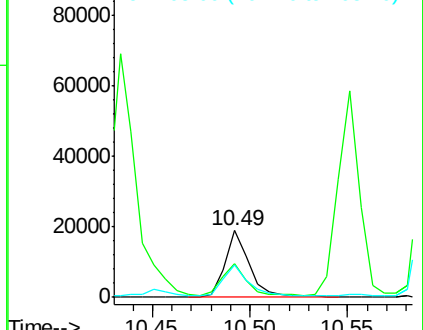
105 49.3 21.9 61.9



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: 10.640 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

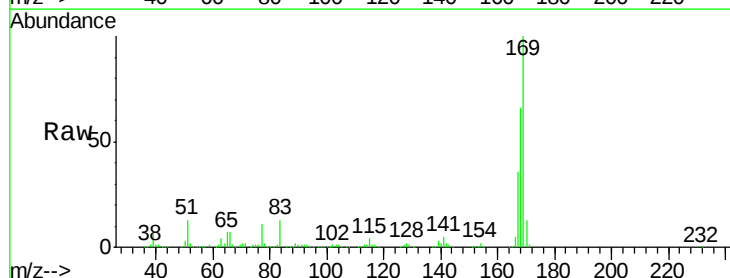
Tgt Ion:169 Resp: 361857

Ion Ratio Lower Upper

169 100

168 65.6 53.9 80.9

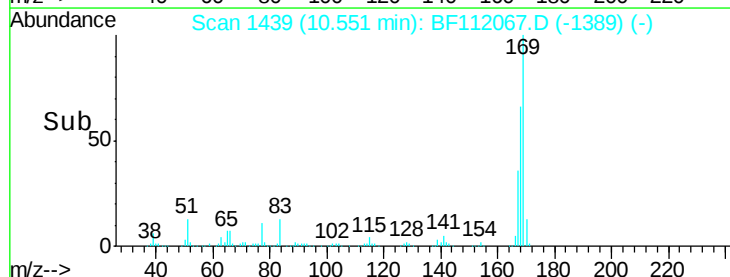
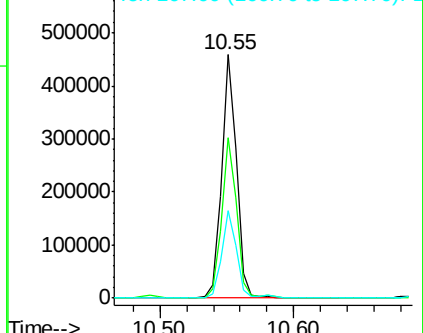
167 35.8 28.9 43.3

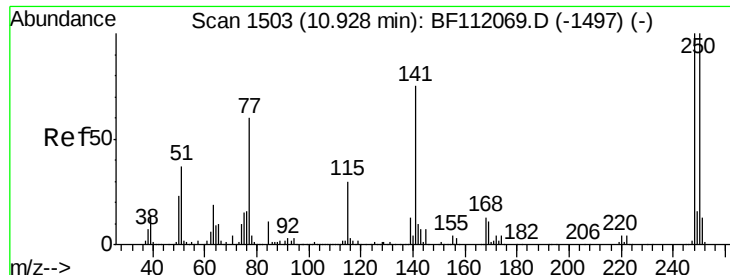


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

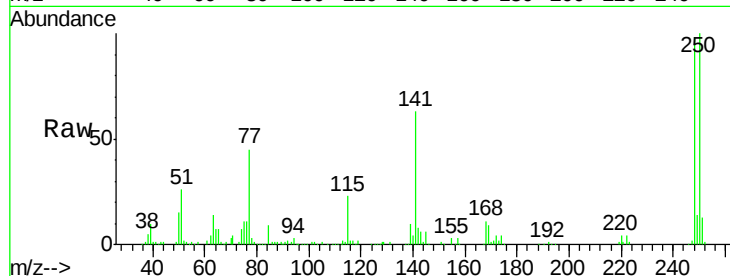




#67
 4-Bromophenyl-phenylether
 Concen: 9.360 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF112067.D
 Acq: 16 Jan 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.3	79.7	119.5
141	64.3	60.3	90.5

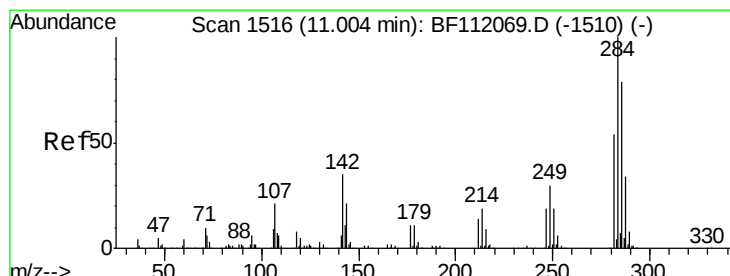
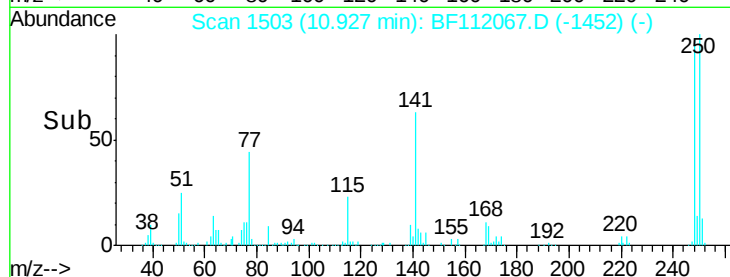
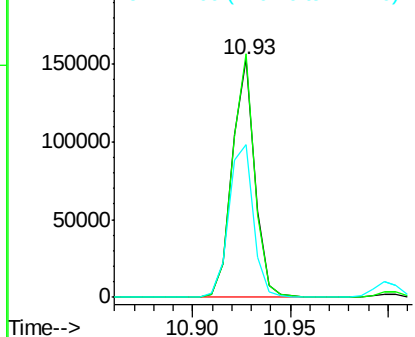


Abundance

Ion 248.00 (247.70 to 248.70): E

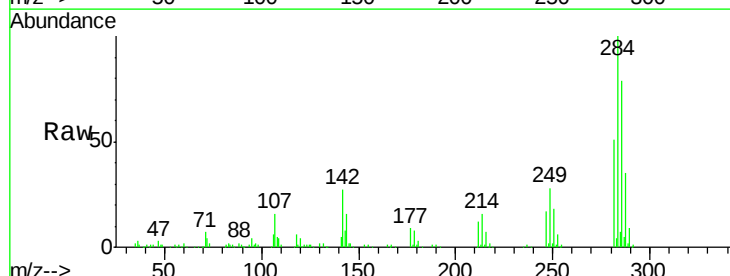
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 9.219 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF112067.D
 Acq: 16 Jan 2019 15:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	27.6	41.4#
249	28.4	24.1	36.1

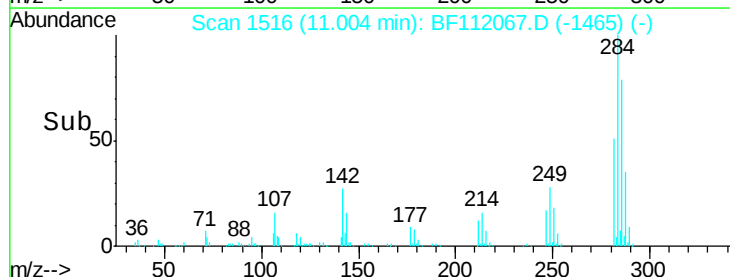
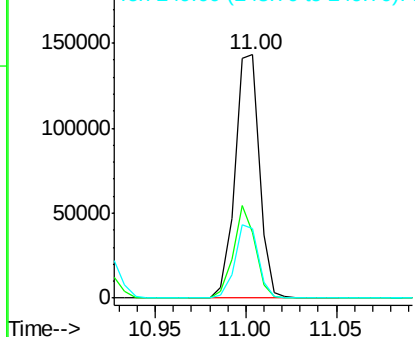


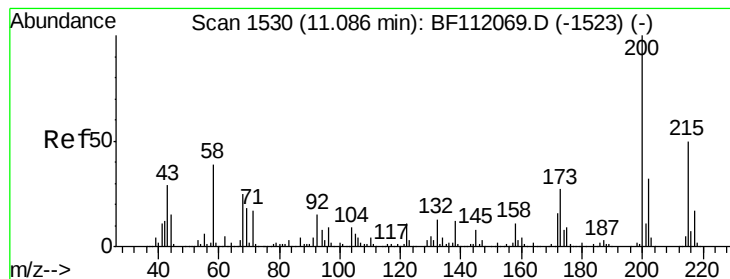
Abundance

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: 10.124 ng

RT: 11.07 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

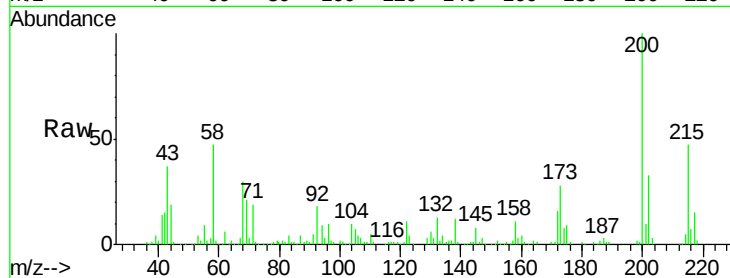
Tgt Ion:200 Resp: 120979

Ion Ratio Lower Upper

200 100

173 27.5 7.1 47.1

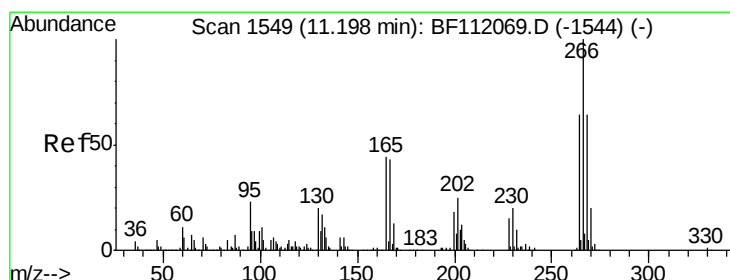
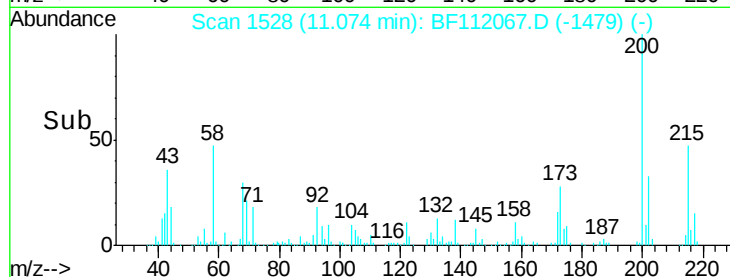
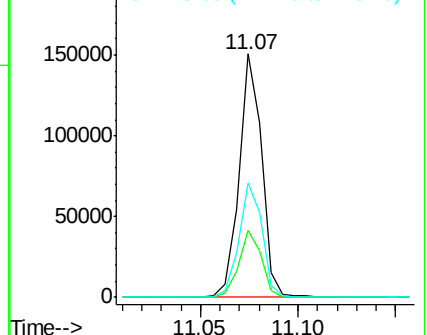
215 47.0 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 4.177 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.00 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

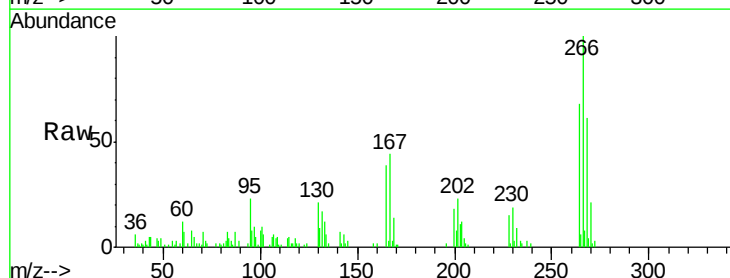
Tgt Ion:266 Resp: 34579

Ion Ratio Lower Upper

266 100

268 61.3 51.2 76.8

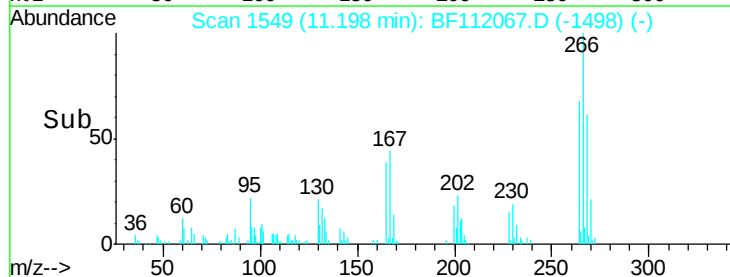
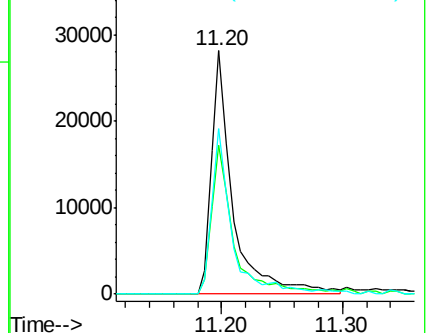
264 68.1 50.9 76.3

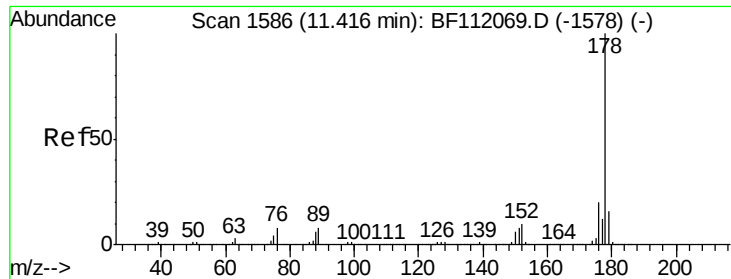


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 10.382 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

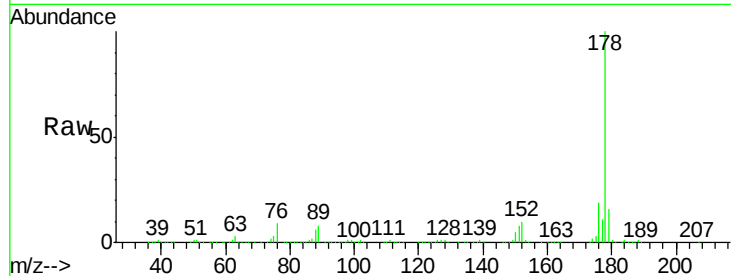
Tgt Ion:178 Resp: 562571

Ion Ratio Lower Upper

178 100

176 19.1 16.3 24.5

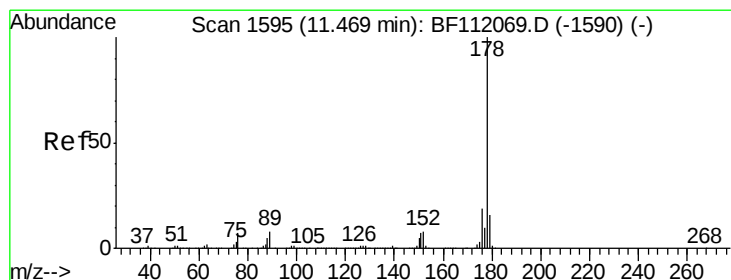
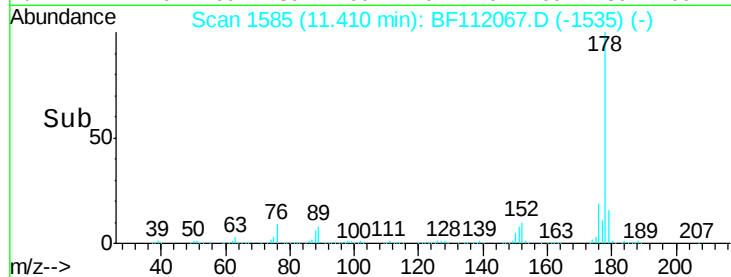
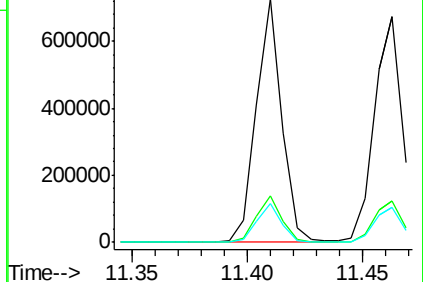
179 15.7 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 10.422 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

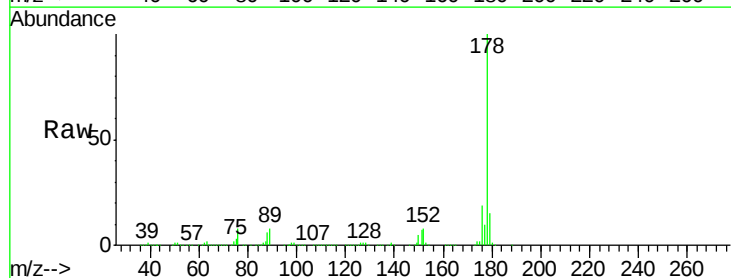
Tgt Ion:178 Resp: 573255

Ion Ratio Lower Upper

178 100

176 18.5 15.5 23.3

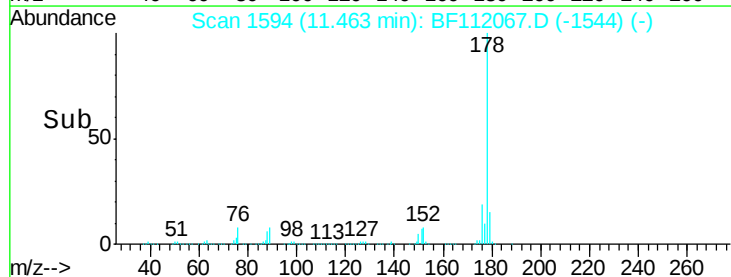
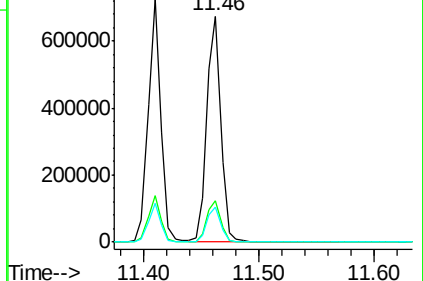
179 15.4 12.8 19.2

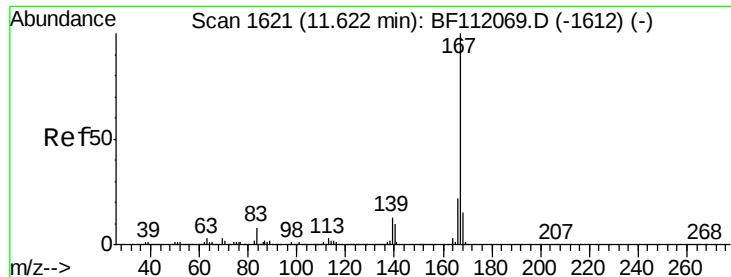


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

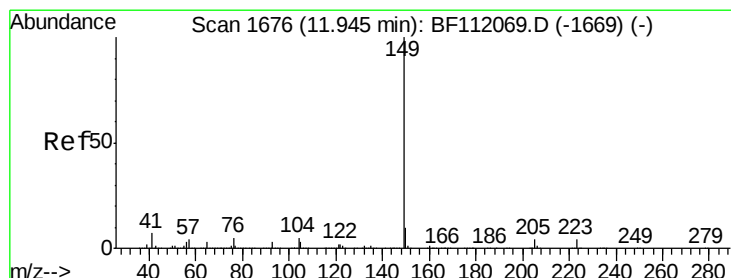
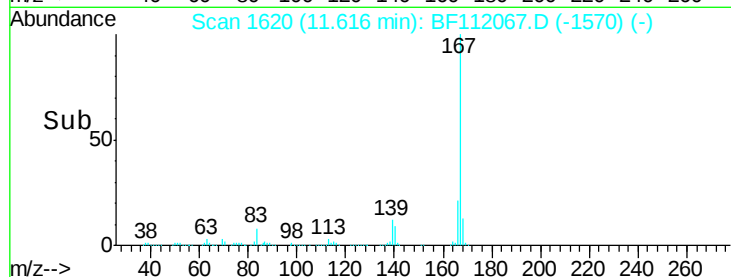
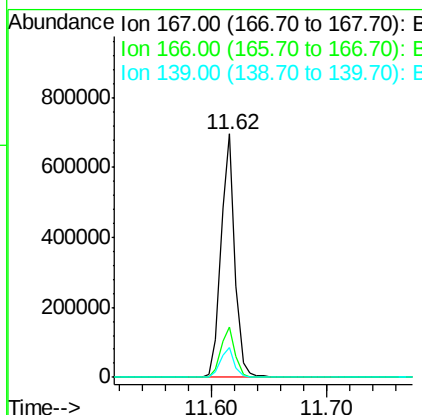
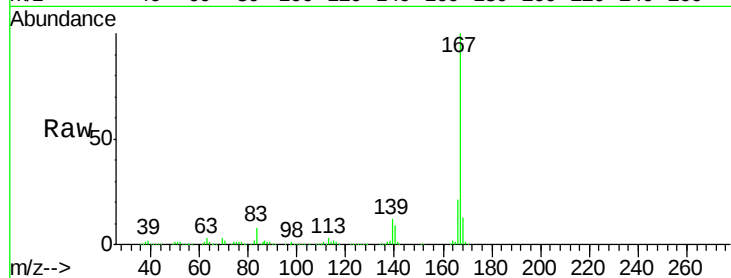




#73
 Carbazole
 Concen: 10.754 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF112067.D
 Acq: 16 Jan 2019 15:19

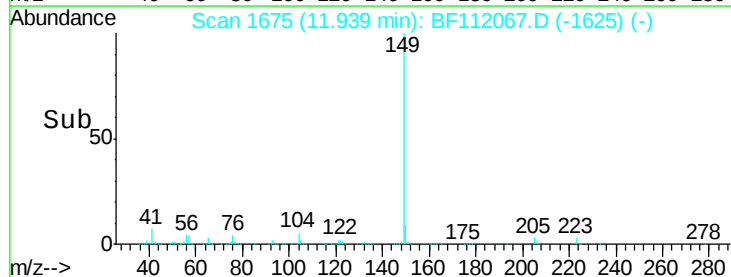
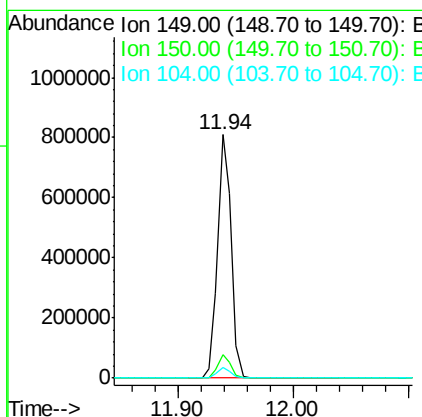
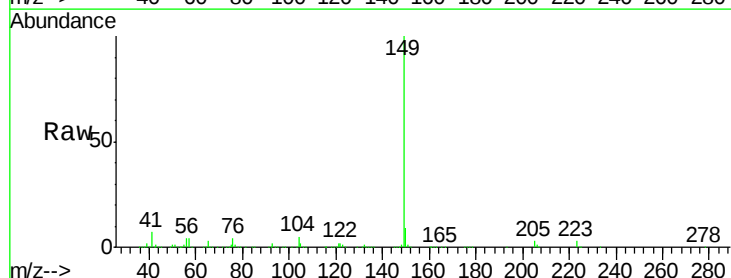
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

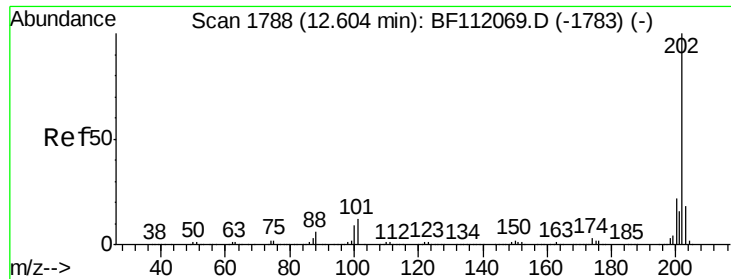
Tgt Ion:167 Resp: 575388
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.9 26.9
 139 12.3 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 10.577 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BF112067.D
 Acq: 16 Jan 2019 15:19

Tgt Ion:149 Resp: 657367
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.1 12.1
 104 4.5 3.9 5.9

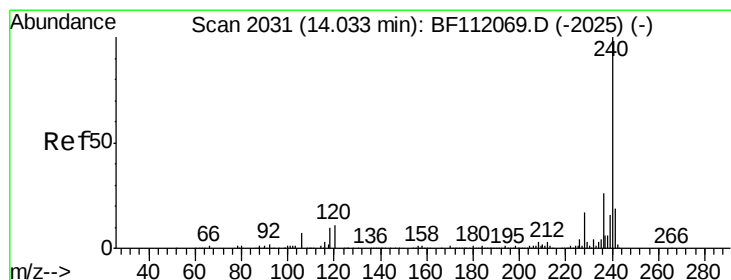
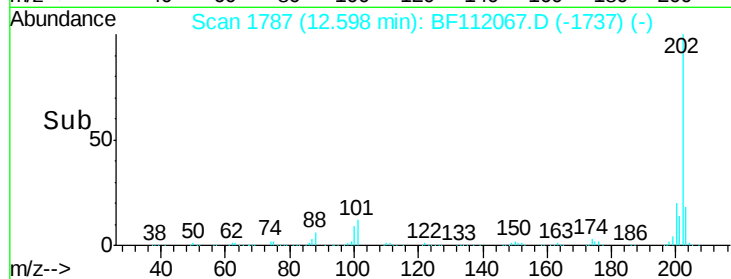
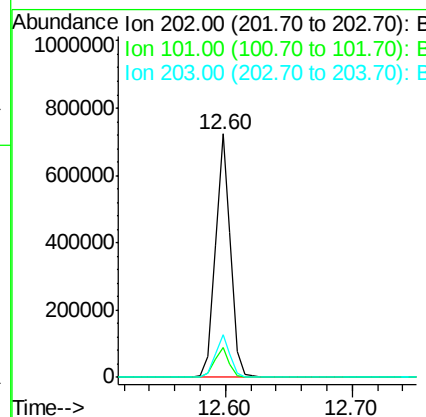
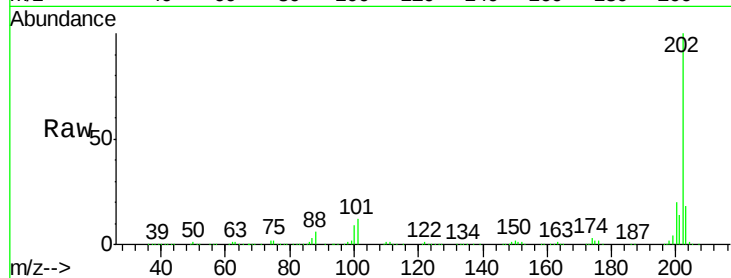




#75
Fluoranthene
Concen: 10.867 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF112067.D
Acq: 16 Jan 2019 15:19

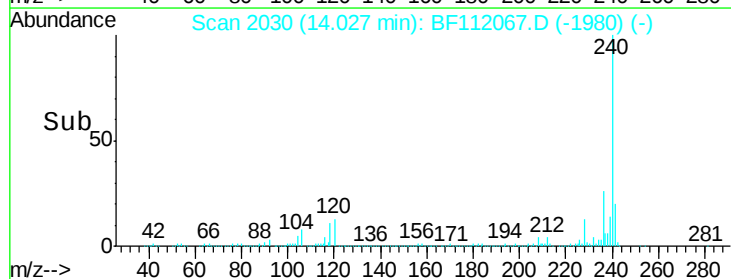
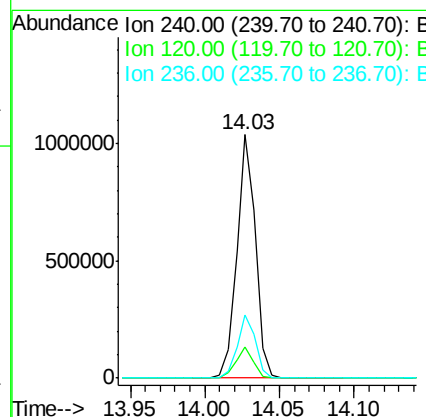
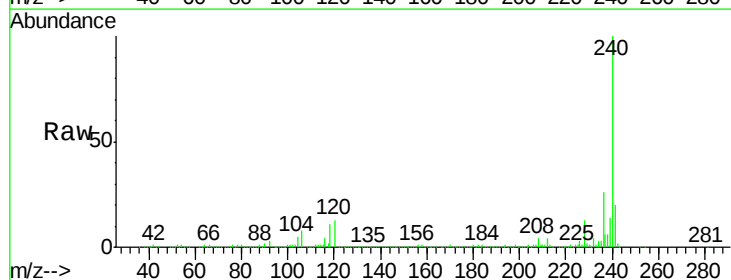
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

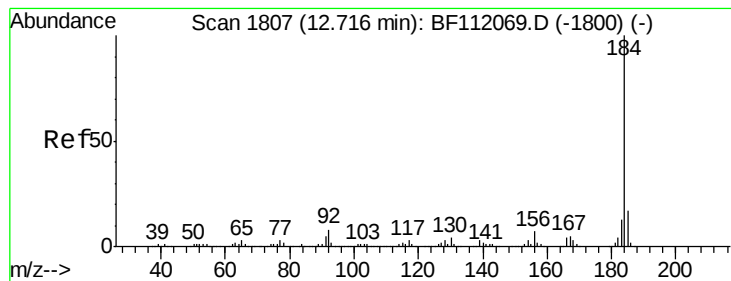
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.8
203	17.5	0.0	38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112067.D
Acq: 16 Jan 2019 15:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.0	13.6
236	26.0	20.7	31.1





#77

Benzidine

Concen: 12.487 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

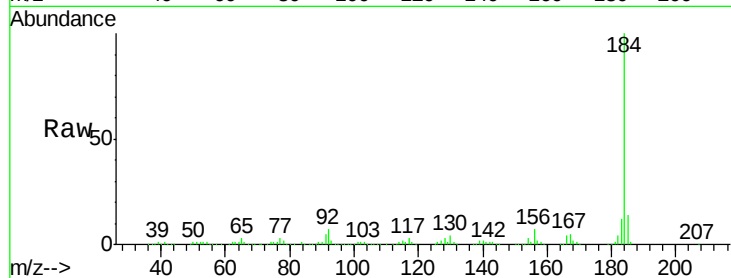
Tgt Ion:184 Resp: 340107

Ion Ratio Lower Upper

184 100

185 14.0 13.9 20.9

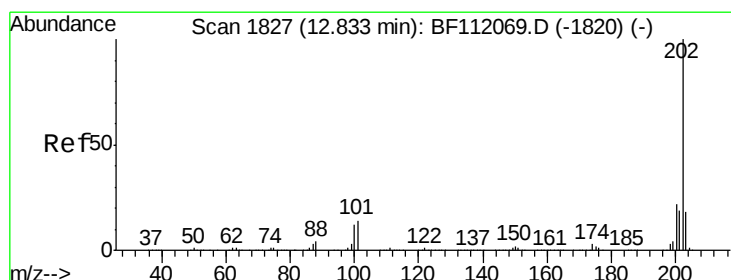
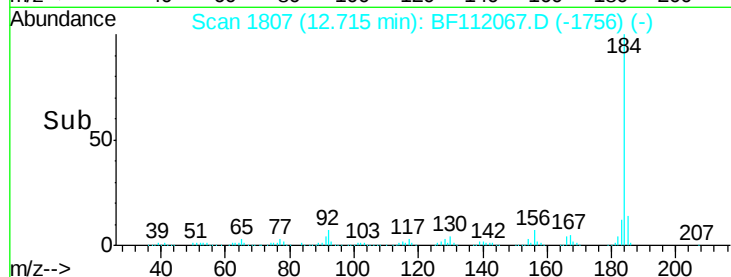
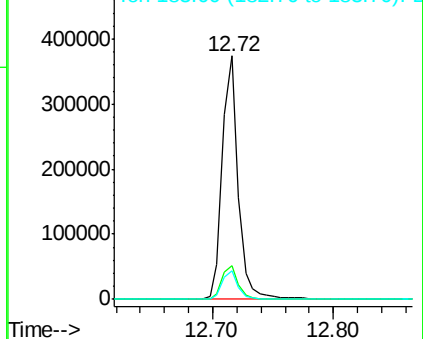
183 11.7 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 9.968 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

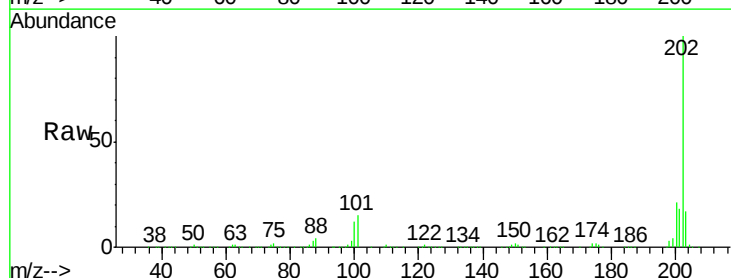
Tgt Ion:202 Resp: 625205

Ion Ratio Lower Upper

202 100

200 20.9 17.7 26.5

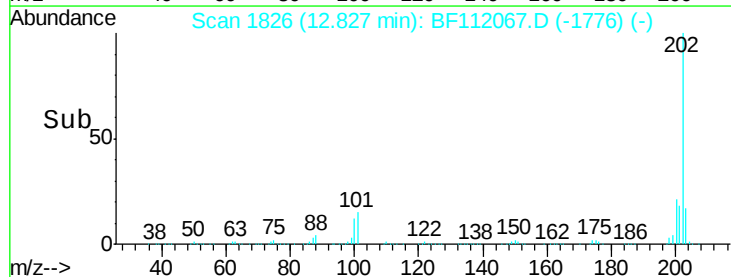
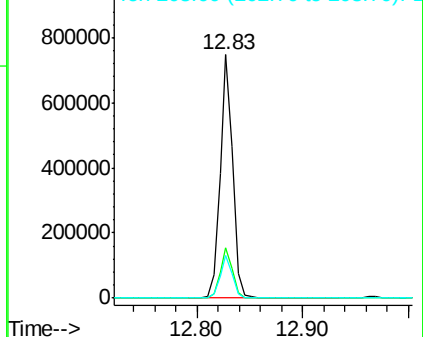
203 17.4 14.6 22.0

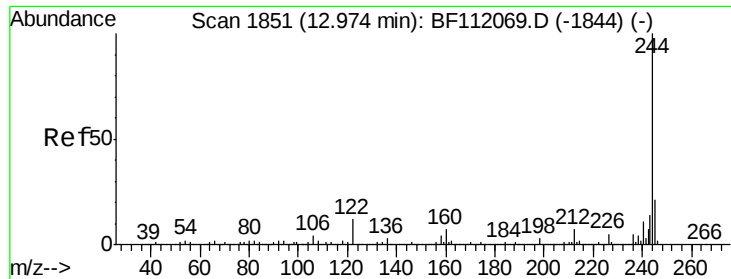


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 20.501 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

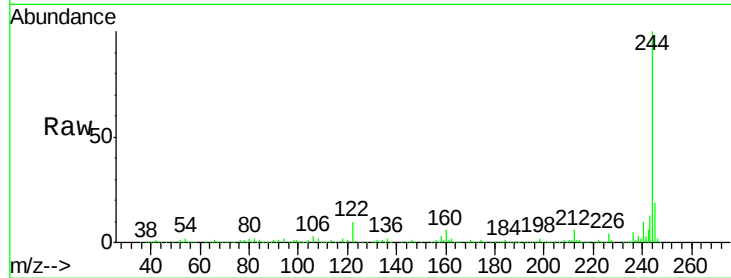
Tgt Ion:244 Resp: 984473

Ion Ratio Lower Upper

244 100

212 6.0 5.9 8.9

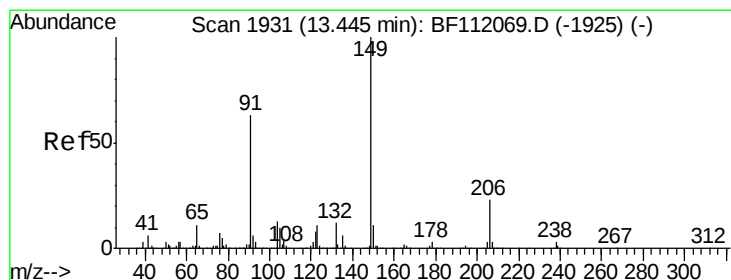
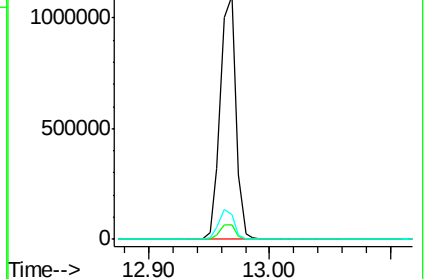
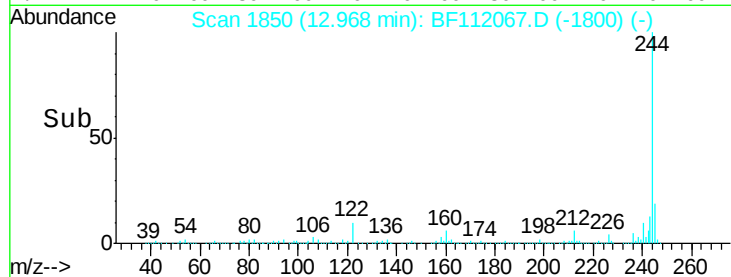
122 10.4 9.8 14.6



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: 9.852 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

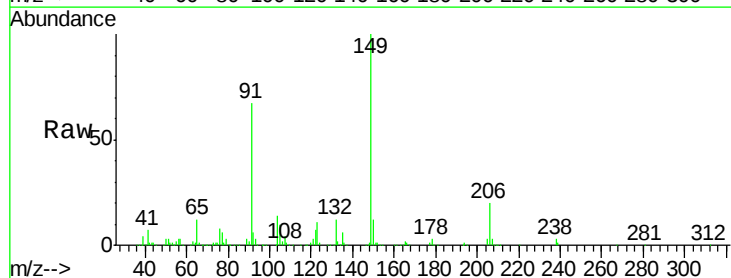
Tgt Ion:149 Resp: 261229

Ion Ratio Lower Upper

149 100

91 67.2 50.3 75.5

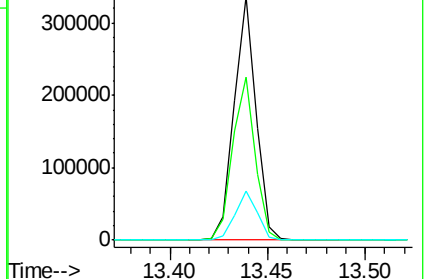
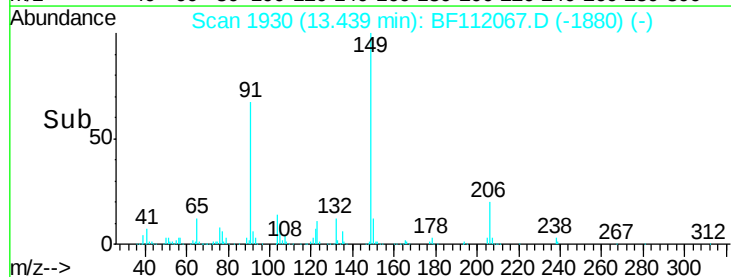
206 20.3 18.2 27.4

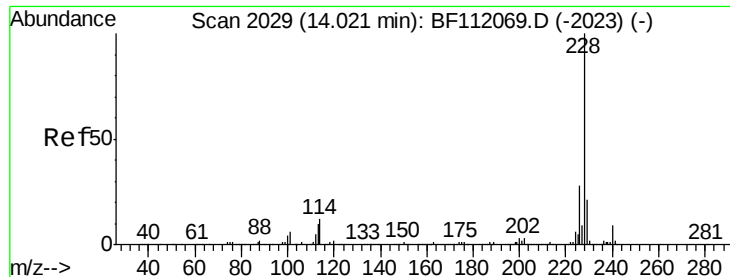


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.532 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

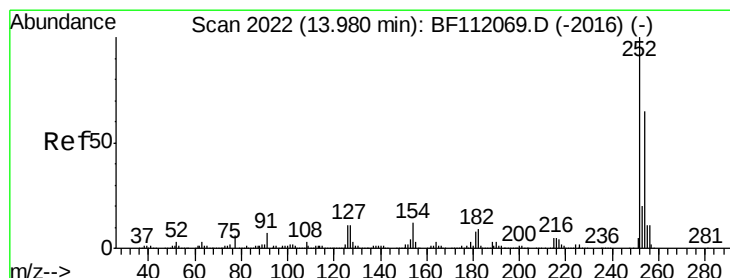
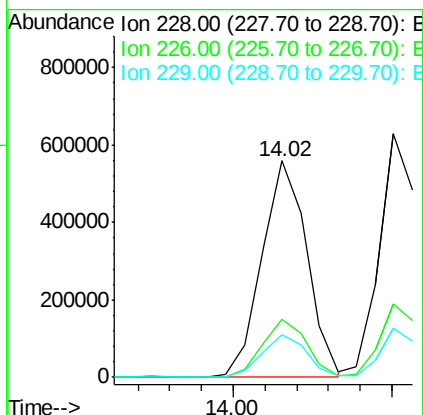
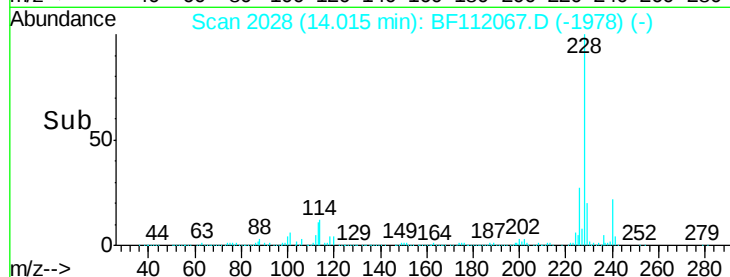
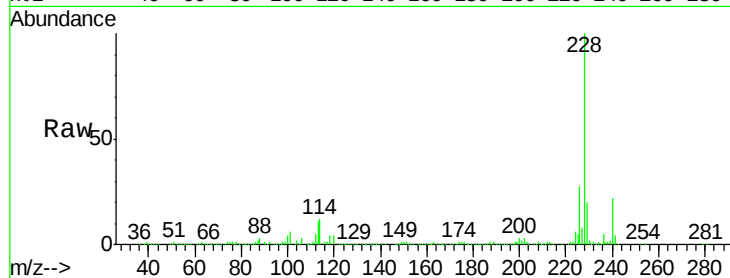
Tgt Ion:228 Resp: 552487

Ion Ratio Lower Upper

228 100

226 26.5 22.6 34.0

229 19.8 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 11.541 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

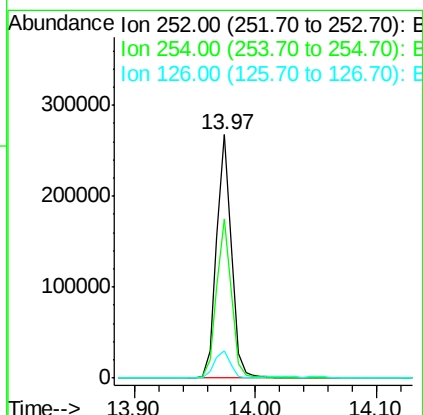
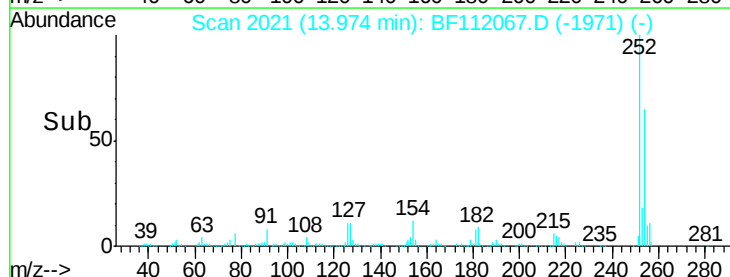
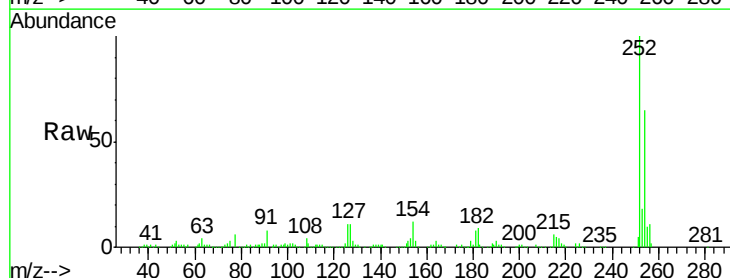
Tgt Ion:252 Resp: 223514

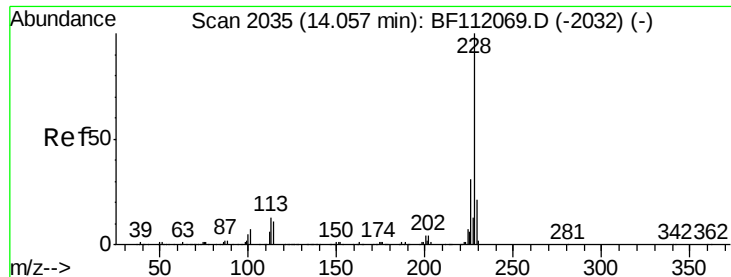
Ion Ratio Lower Upper

252 100

254 65.1 51.6 77.4

126 11.4 8.6 12.8





#83

Chrysene

Concen: 10.605 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

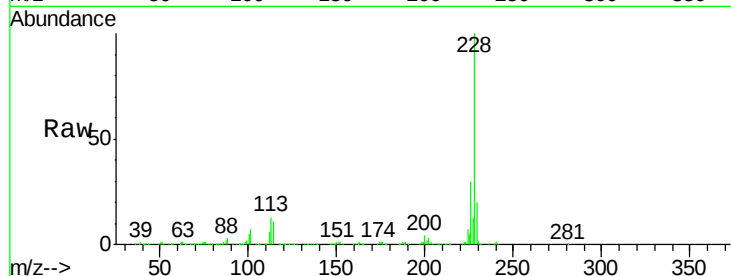
Tgt Ion:228 Resp: 530459

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

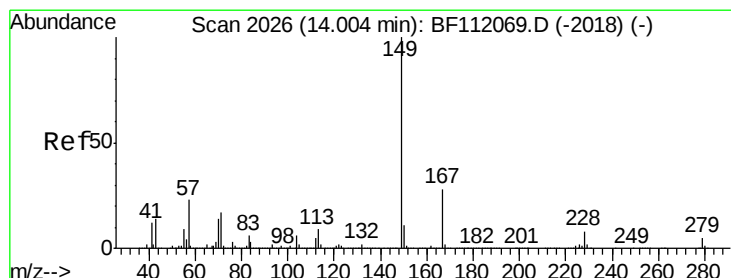
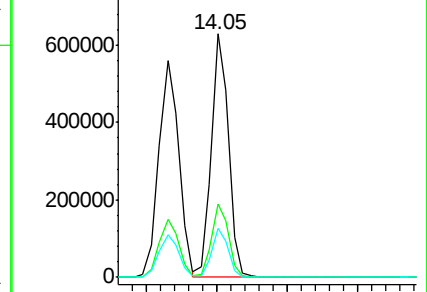
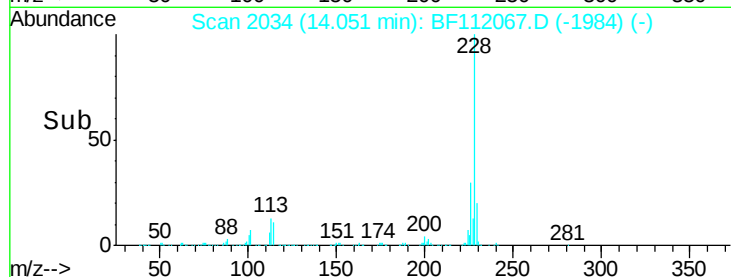
229 20.3 16.6 24.8



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: 11.390 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

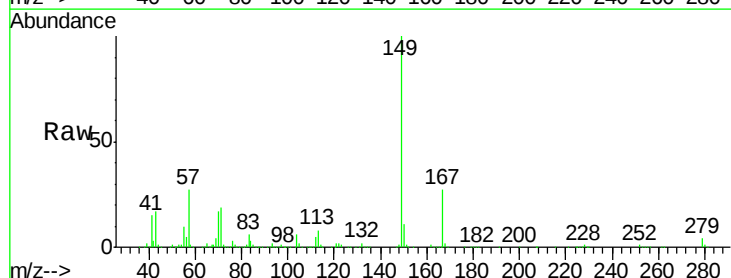
Tgt Ion:149 Resp: 396619

Ion Ratio Lower Upper

149 100

167 26.9 22.5 33.7

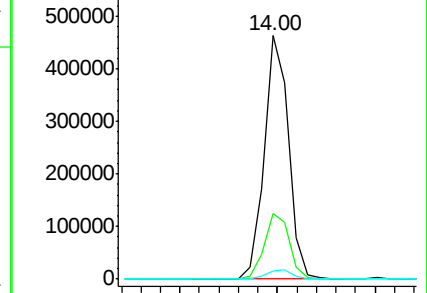
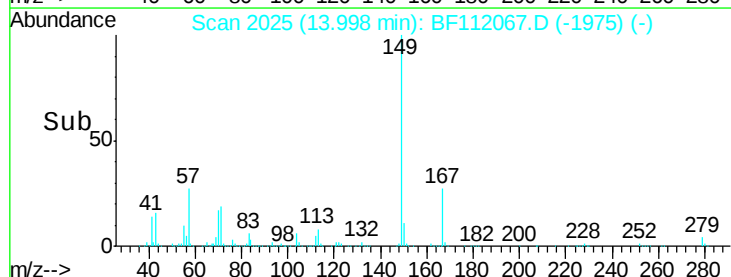
279 3.5 3.8 5.6#

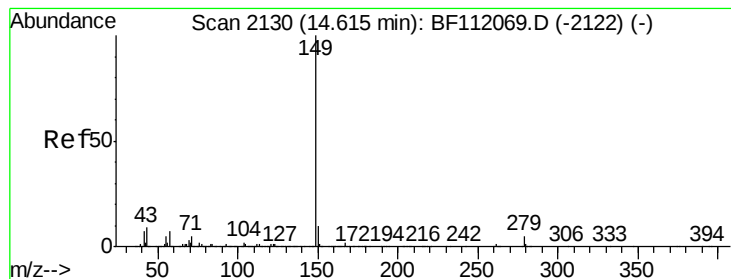


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 12.818 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

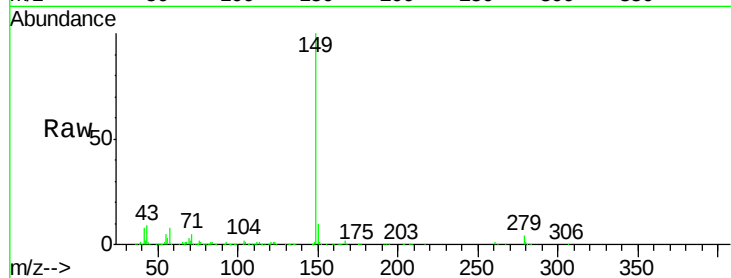
Tgt Ion:149 Resp: 638755

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

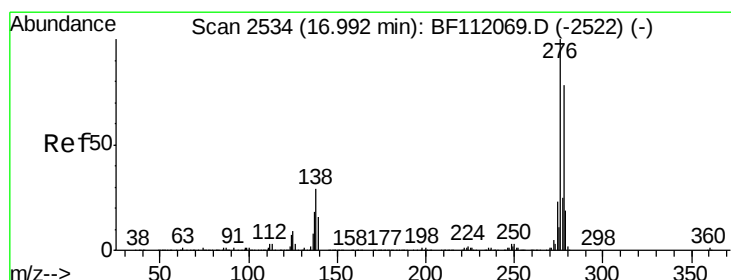
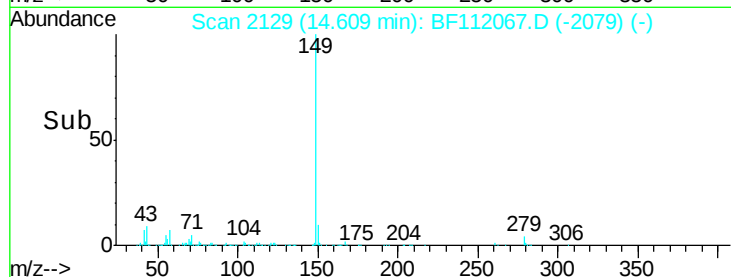
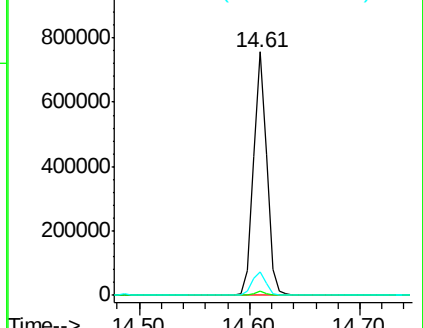
43 9.5 7.8 11.6



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: 14.024 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

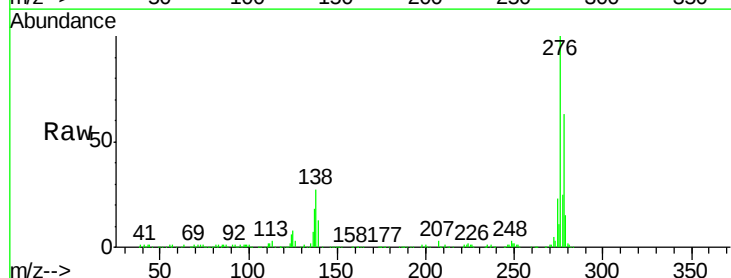
Tgt Ion:276 Resp: 511399

Ion Ratio Lower Upper

276 100

138 27.9 22.6 34.0

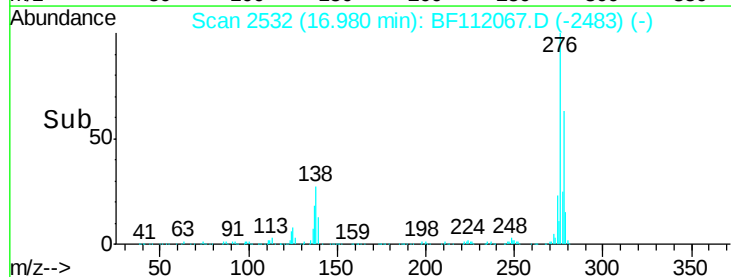
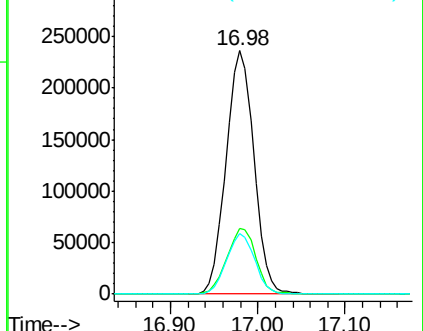
277 25.1 20.3 30.5

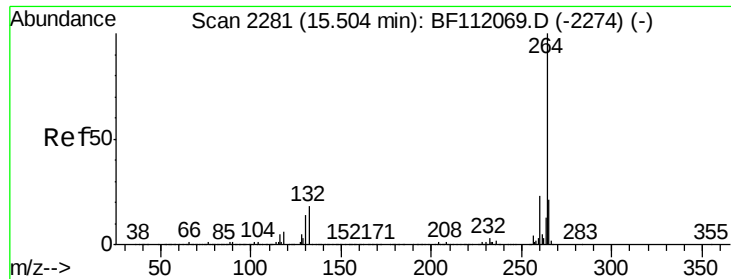


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

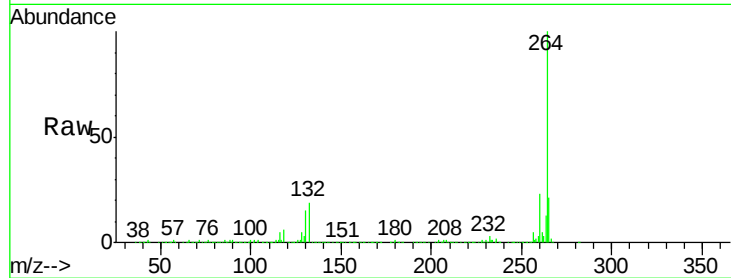
Tgt Ion:264 Resp: 897338

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

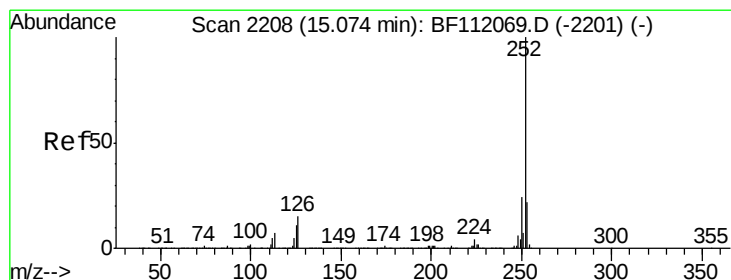
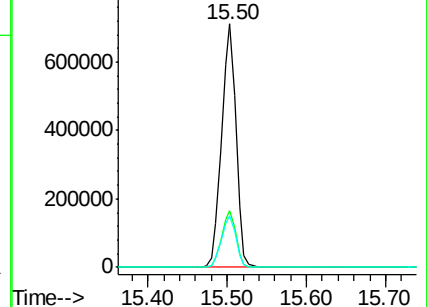
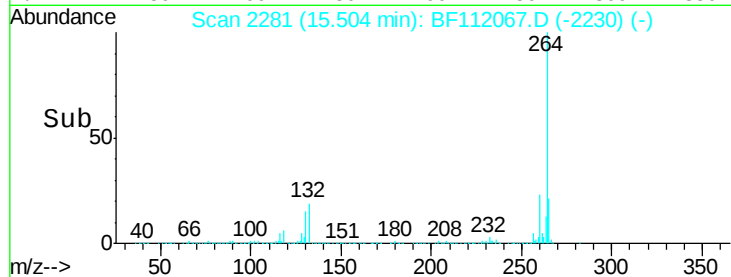
265 21.5 17.0 25.4



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: 9.250 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

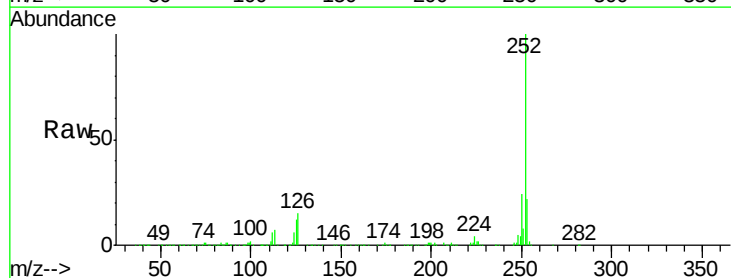
Tgt Ion:252 Resp: 496505

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

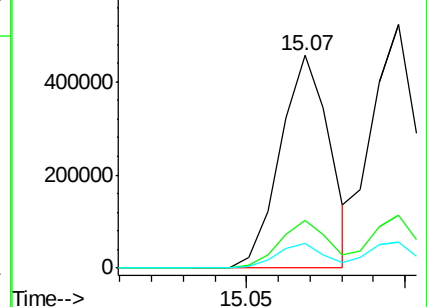
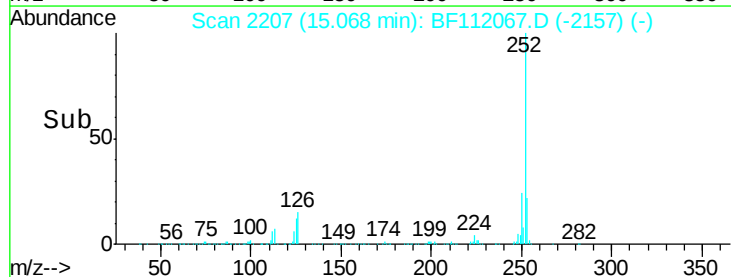
125 11.9 8.7 13.1

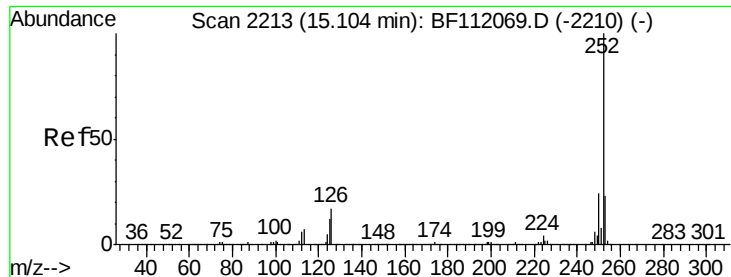


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 10.363 ng

RT: 15.10 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

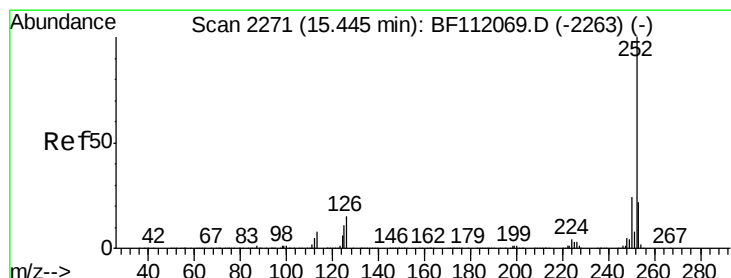
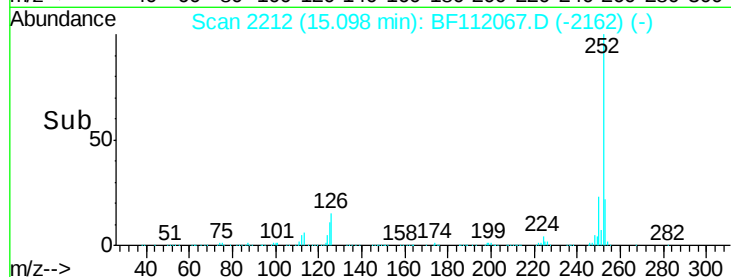
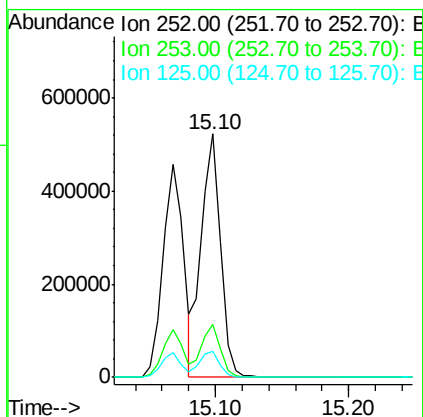
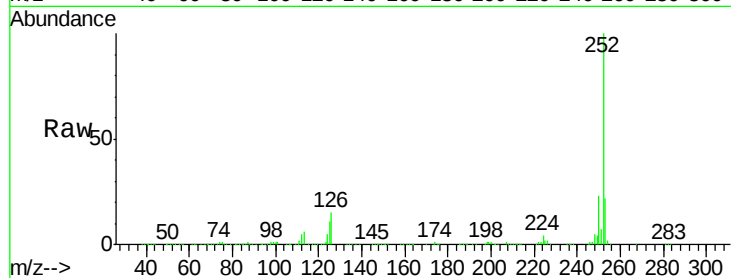
Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion:	252	Resp:	522896
Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	10.7	9.1	13.7



#90

Benzo(a)pyrene

Concen: 10.271 ng

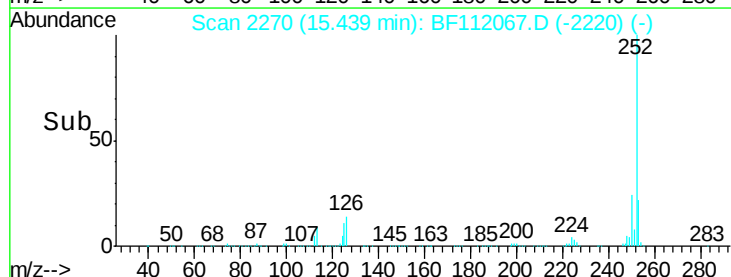
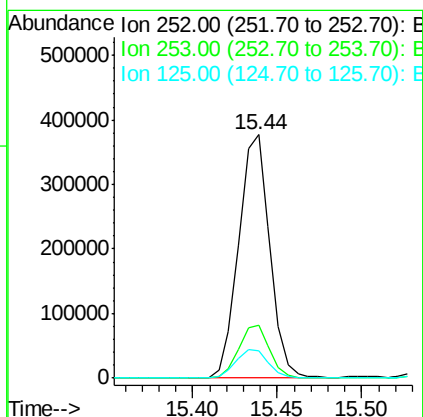
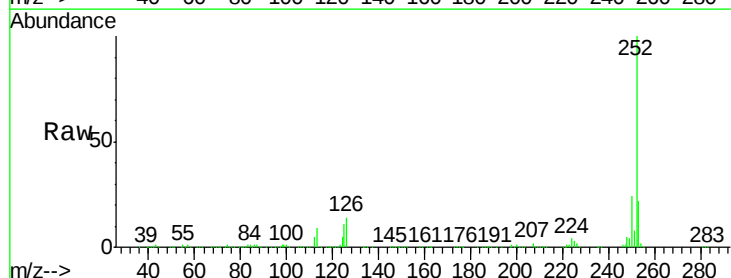
RT: 15.44 min Scan# 2270

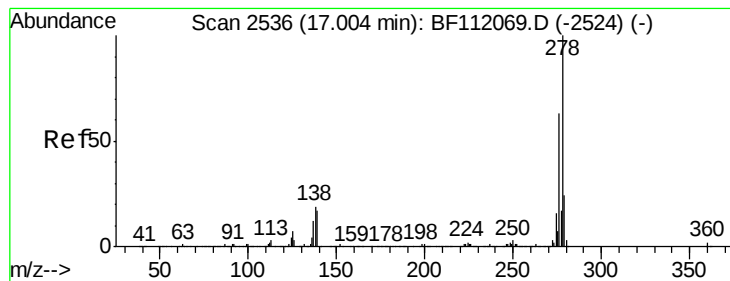
Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Tgt Ion:	252	Resp:	484749
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.2	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 11.474 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

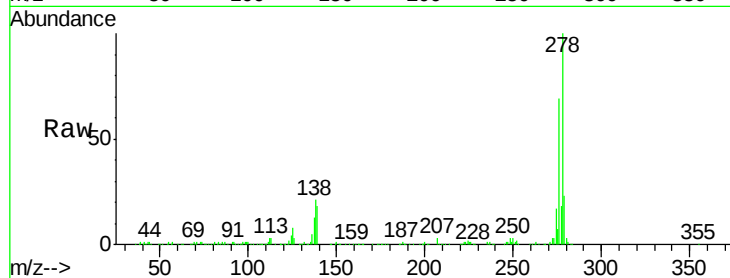
Tgt Ion:278 Resp: 435566

Ion Ratio Lower Upper

278 100

139 18.1 13.7 20.5

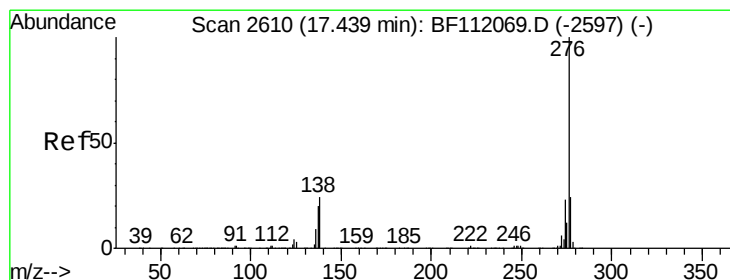
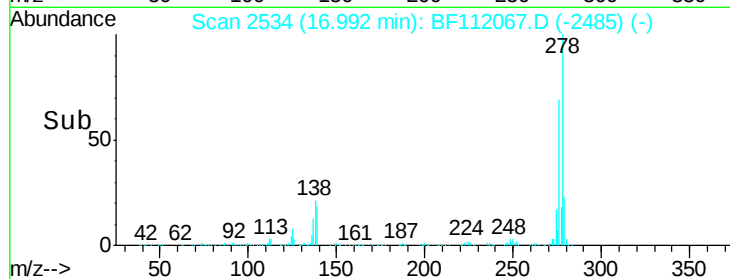
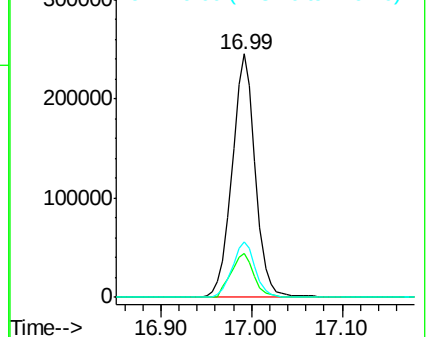
279 22.6 19.0 28.6



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: 10.971 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BF112067.D

Acq: 16 Jan 2019 15:19

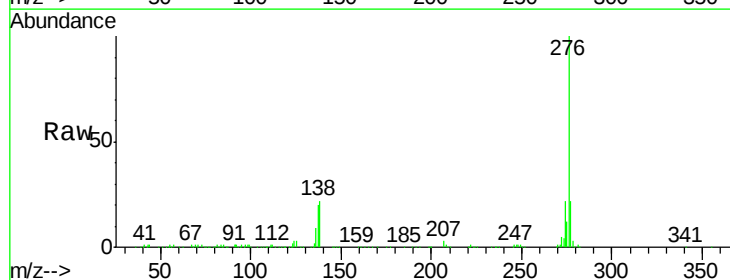
Tgt Ion:276 Resp: 407360

Ion Ratio Lower Upper

276 100

277 22.4 19.4 29.0

138 21.7 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

