

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011619\
 Data File : BF112068.D
 Acq On : 16 Jan 2019 15:46
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Quant Time: Jan 16 17:08:03 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	257833	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	976404	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	485787	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	949229	20.00	ng	0.00
76) Chrysene-d12	14.03	240	838981	20.00	ng	0.00
87) Perylene-d12	15.50	264	770086	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	767363	50.92	ng	0.00
7) Phenol-d6	6.50	99	951795	49.00	ng	0.00
23) Nitrobenzene-d5	7.42	82	742808	40.66	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	289257	45.78	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1739788	52.22	ng	0.00
79) Terphenyl-d14	12.97	244	2059285	46.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	174448	26.473	ng	99
3) Pyridine	3.38	79	456931	26.752	ng	99
4) n-Nitrosodimethylamine	3.32	42	170980	20.120	ng	# 98
6) Aniline	6.52	93	583964	24.864	ng	99
8) 2-Chlorophenol	6.65	128	443018	26.473	ng	96
9) Benzaldehyde	6.41	77	290440	23.905	ng	98
10) Phenol	6.52	94	521140	24.685	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	402187	24.625	ng	99
12) 1,3-Dichlorobenzene	6.80	146	496488	25.592	ng	100
13) 1,4-Dichlorobenzene	6.88	146	510549	25.934	ng	100
14) 1,2-Dichlorobenzene	7.03	146	477763	25.388	ng	98
15) Benzyl Alcohol	7.00	79	353309	22.988	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	596723	21.429	ng	99
17) 2-Methylphenol	7.12	107	329112	24.470	ng	99
18) Hexachloroethane	7.37	117	169539	24.665	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	297252	23.553	ng	99
20) 3+4-Methylphenols	7.27	107	422827	25.260	ng	# 76
22) Acetophenone	7.27	105	591057	23.911	ng	# 99
24) Nitrobenzene	7.44	77	396543	21.457	ng	99
25) Isophorone	7.68	82	690194	23.330	ng	98
26) 2-Nitrophenol	7.76	139	161248	17.720	ng	93
27) 2,4-Dimethylphenol	7.80	122	329602	25.051	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	485696	24.596	ng	97
29) 2,4-Dichlorophenol	8.00	162	365531	24.161	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	418040	25.047	ng	99
31) Naphthalene	8.17	128	1184079	25.546	ng	98
32) Benzoic acid	7.90	122	64509	7.555	ng	98
33) 4-Chloroaniline	8.22	127	520850	25.995	ng	99
34) Hexachlorobutadiene	8.29	225	232878	22.413	ng	99
35) Caprolactam	8.57	113	127595	25.813	ng	92
36) 4-Chloro-3-methylphenol	8.70	107	350229	23.283	ng	96
37) 2-Methylnaphthalene	8.86	142	799382	27.833	ng	100
38) 1-Methylnaphthalene	8.96	142	766506	27.825	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	407361	26.303	ng	100

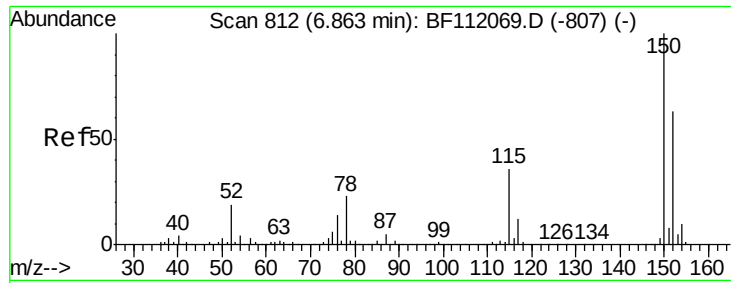
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011619\
 Data File : BF112068.D
 Acq On : 16 Jan 2019 15:46
 Operator : JU/SJ
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 QLast Update : Wed Jan 16 16:57:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	113080	12.628	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	244003	23.229	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	261831	23.791	ng	98
46) 1,1'-Biphenyl	9.32	154	1084462	26.688	ng	98
47) 2-Chloronaphthalene	9.35	162	831216	26.064	ng	98
48) 2-Nitroaniline	9.44	65	174446	17.891	ng	88
49) Acenaphthylene	9.76	152	1229724	26.081	ng	98
50) Dimethylphthalate	9.62	163	913276	25.026	ng	99
51) 2,6-Dinitrotoluene	9.68	165	174240	21.352	ng	92
52) Acenaphthene	9.93	154	751028	24.708	ng	100
53) 3-Nitroaniline	9.85	138	198251	22.685	ng	# 93
54) 2,4-Dinitrophenol	9.96	184	25597	7.408	ng	99
55) Dibenzofuran	10.10	168	1140772	25.806	ng	98
56) 4-Nitrophenol	10.02	139	117134	18.969	ng	95
57) 2,4-Dinitrotoluene	10.09	165	201466	19.106	ng	94
58) Fluorene	10.45	166	853278	26.527	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	200376	21.609	ng	98
60) Diethylphthalate	10.32	149	923112	26.139	ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	464851	25.771	ng	97
62) 4-Nitroaniline	10.46	138	198465	23.943	ng	99
63) Azobenzene	10.60	77	870694	25.809	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	65578	11.196	ng	93
66) n-Nitrosodiphenylamine	10.56	169	817041	25.650	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	286251	23.283	ng	96
68) Hexachlorobenzene	11.00	284	307041	22.534	ng	96
69) Atrazine	11.08	200	266753	23.835	ng	99
70) Pentachlorophenol	11.20	266	110304	14.226	ng	99
71) Phenanthrene	11.41	178	1260487	24.837	ng	99
72) Anthracene	11.46	178	1284012	24.923	ng	99
73) Carbazole	11.62	167	1295164	25.845	ng	99
74) Di-n-butylphthalate	11.94	149	1469021	25.237	ng	98
75) Fluoranthene	12.60	202	1351086	25.933	ng	98
77) Benzidine	12.72	184	709930	28.319	ng	97
78) Pyrene	12.83	202	1407475	24.381	ng	99
80) Butylbenzylphthalate	13.44	149	630561	25.837	ng	92
81) Benzo(a)anthracene	14.02	228	1255888	26.010	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	499777	28.037	ng	# 98
83) Chrysene	14.06	228	1185398	25.748	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	907845	28.325	ng	# 98
85) Di-n-octyl phthalate	14.61	149	1445572	31.516	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1025801	30.563	ng	100
88) Benzo(b)fluoranthene	15.07	252	1136648	24.674	ng	99
89) Benzo(k)fluoranthene	15.10	252	1115091	25.752	ng	99
90) Benzo(a)pyrene	15.44	252	1031921	25.477	ng	98
91) Dibenzo(a,h)anthracene	17.00	278	874444	26.842	ng	98
92) Benzo(g,h,i)perylene	17.43	276	821966	25.796	ng	99

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

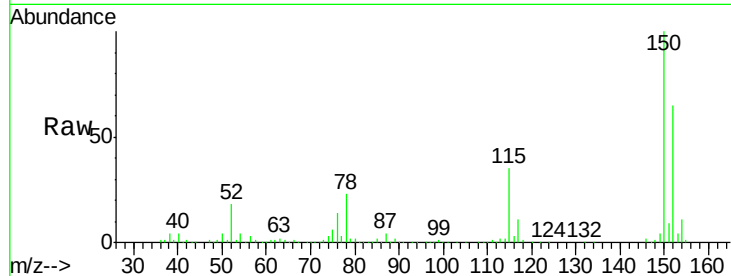


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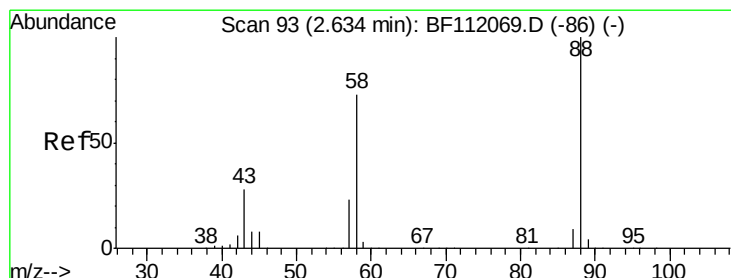
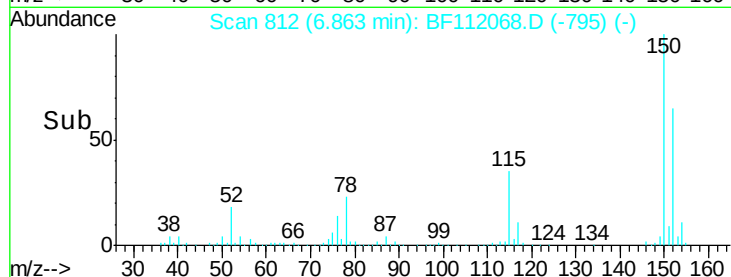
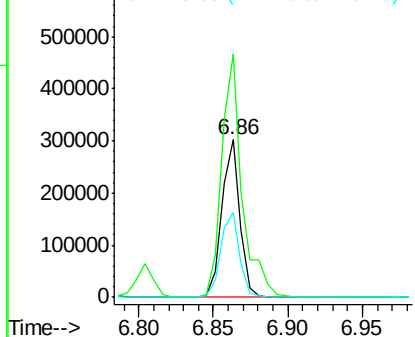
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion:152 Resp: 257833
Ion Ratio Lower Upper
152 100
150 154.7 127.4 191.0
115 54.2 45.5 68.3



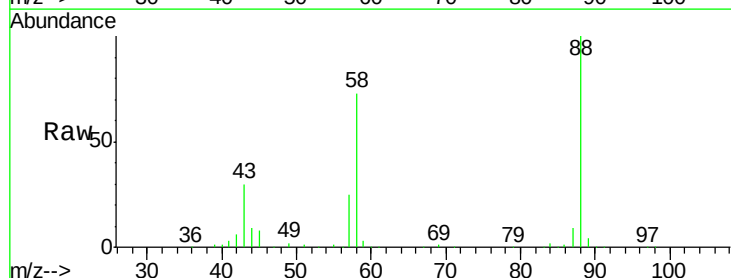
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



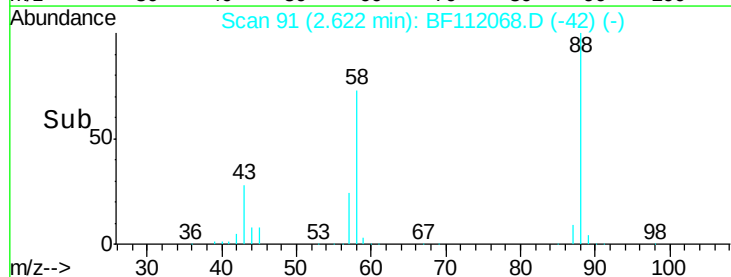
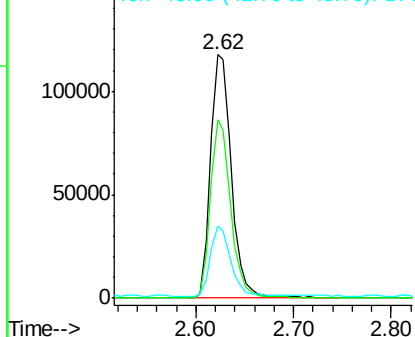
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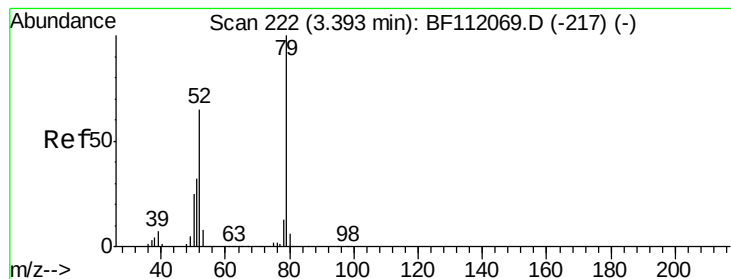
1,4-Dioxane
Concen: 26.473 ng
RT: 2.62 min Scan# 91
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion: 88 Resp: 174448
Ion Ratio Lower Upper
88 100
58 71.4 57.4 86.2
43 27.4 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: 26.752 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

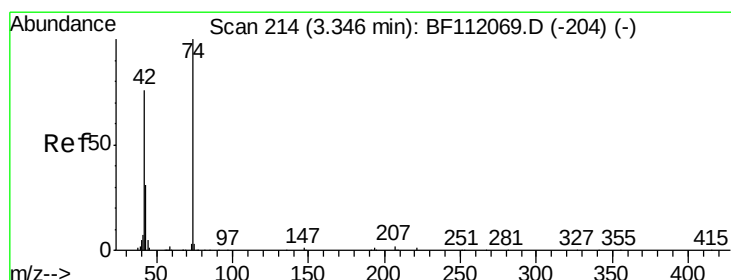
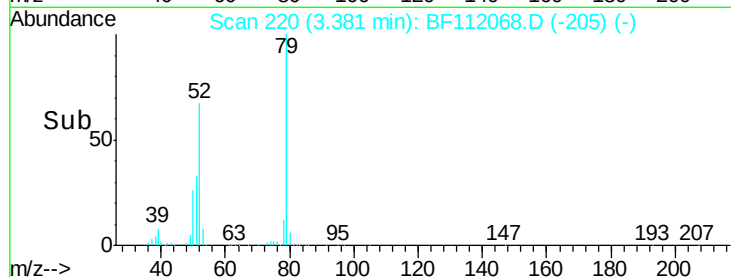
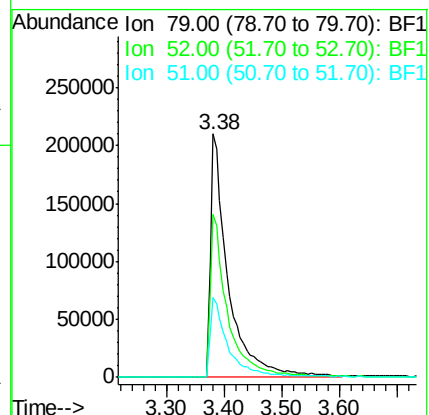
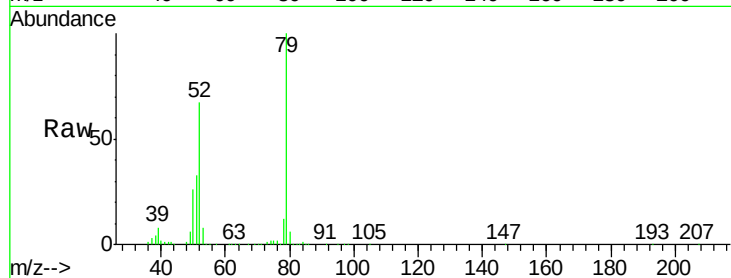
Tgt Ion: 79 Resp: 456931

Ion Ratio Lower Upper

79 100

52 66.8 52.4 78.6

51 32.9 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 20.120 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.02 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

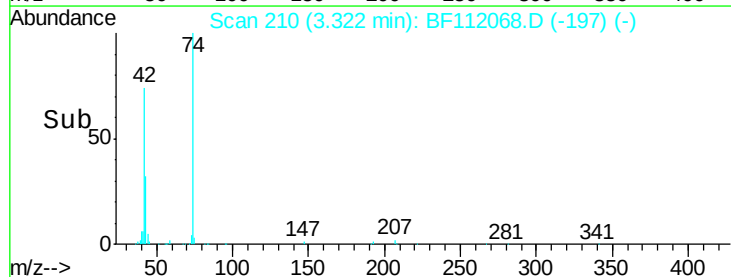
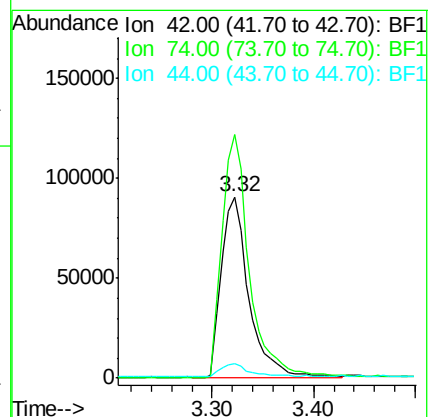
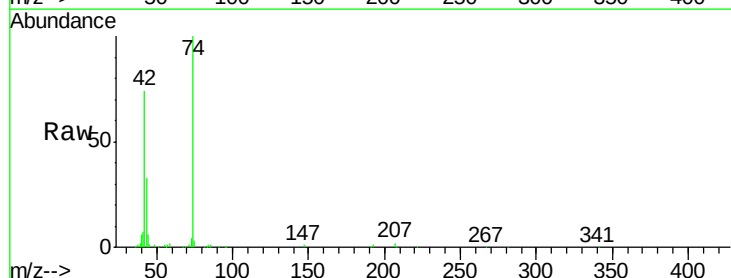
Tgt Ion: 42 Resp: 170980

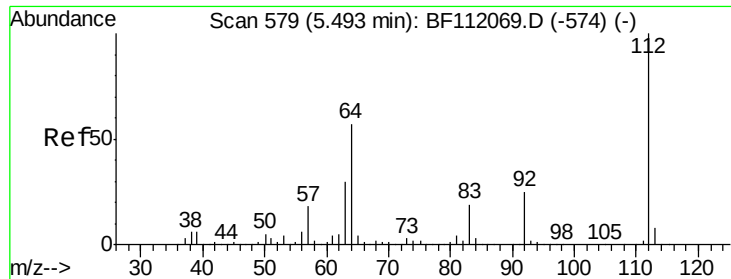
Ion Ratio Lower Upper

42 100

74 134.4 105.6 158.4

44 8.2 5.4 8.2#





#5

2-Fluorophenol

Concen: 50.917 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

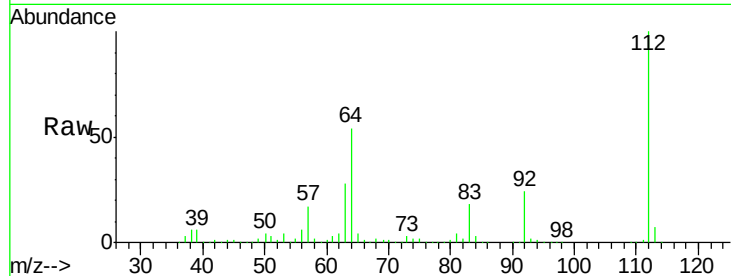
Tgt Ion: 112 Resp: 767363

Ion Ratio Lower Upper

112 100

64 54.4 45.7 68.5

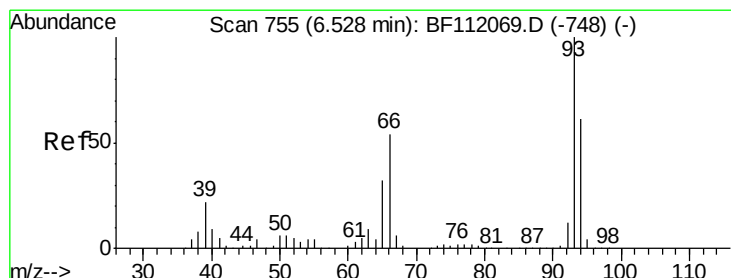
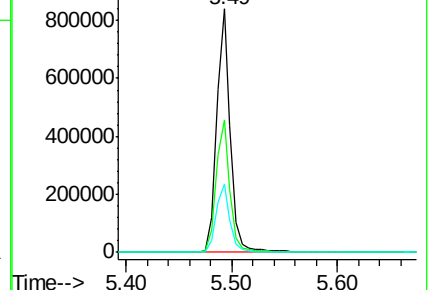
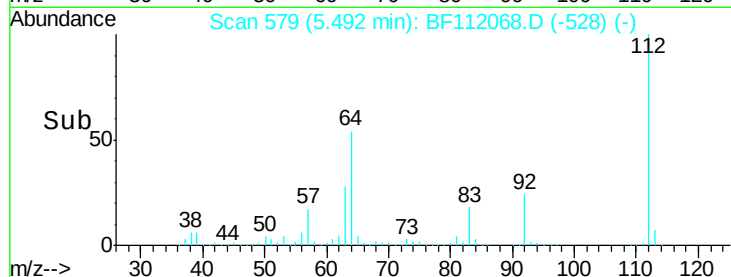
63 27.9 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.864 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

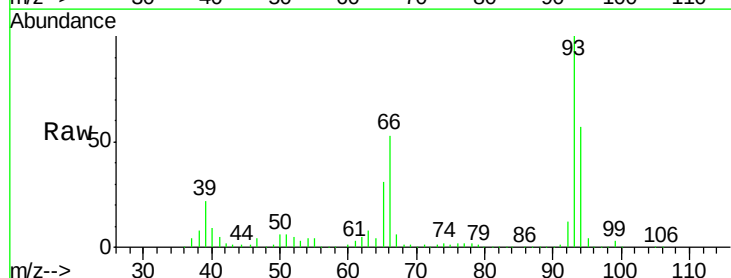
Tgt Ion: 93 Resp: 583964

Ion Ratio Lower Upper

93 100

66 52.9 43.4 65.2

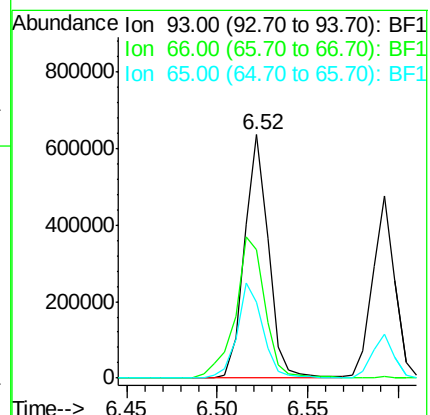
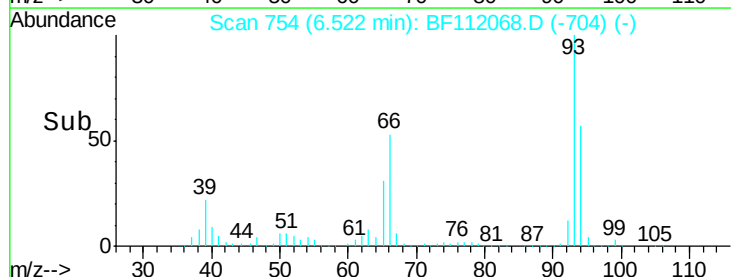
65 31.4 25.3 37.9

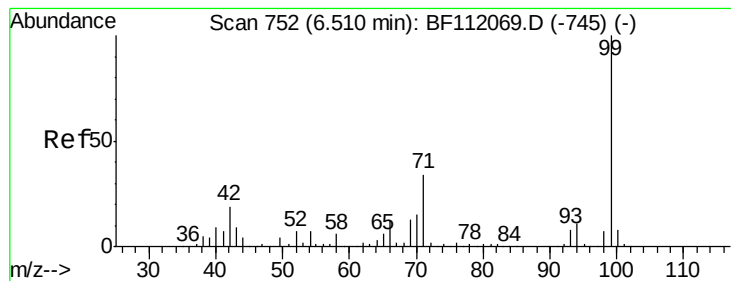


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 49.000 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

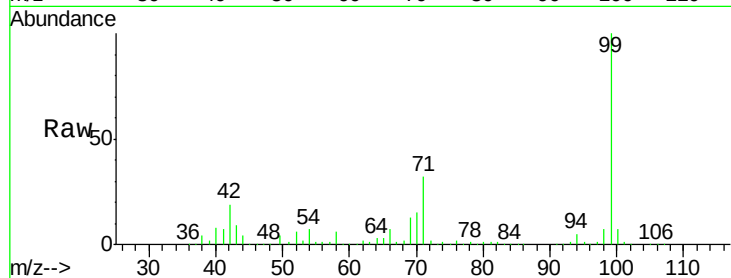
Tgt Ion: 99 Resp: 951795

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

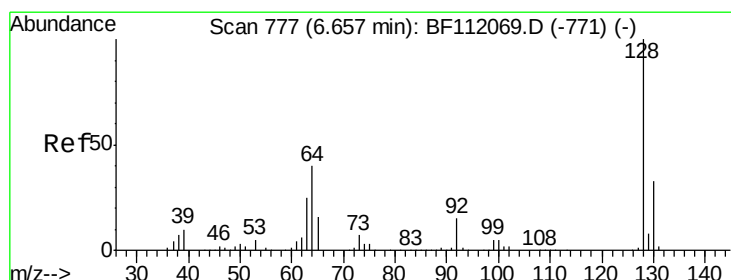
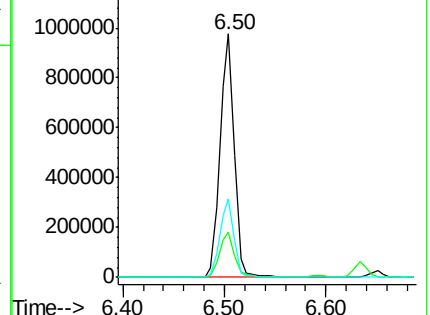
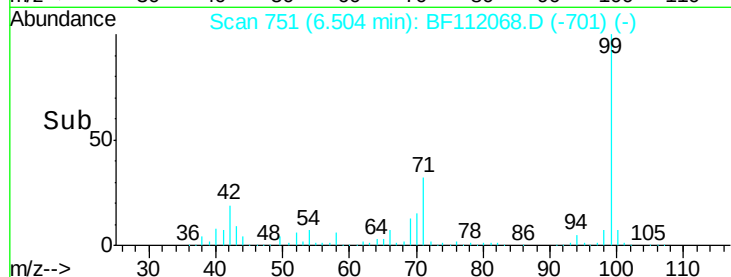
71 32.4 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 26.473 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

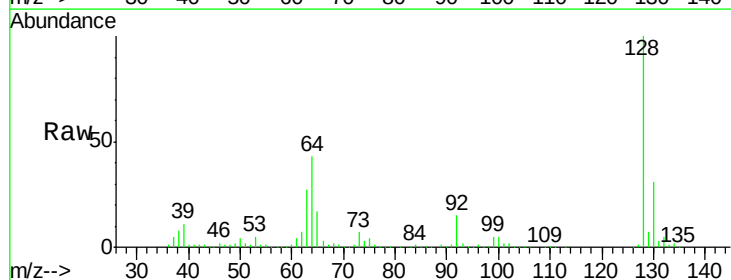
Tgt Ion: 128 Resp: 443018

Ion Ratio Lower Upper

128 100

130 31.4 13.4 53.4

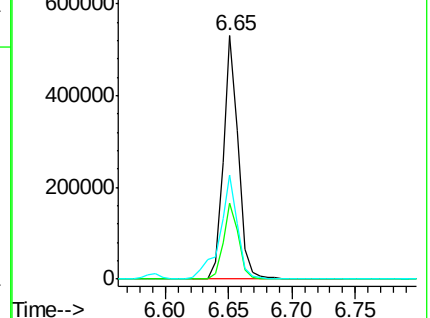
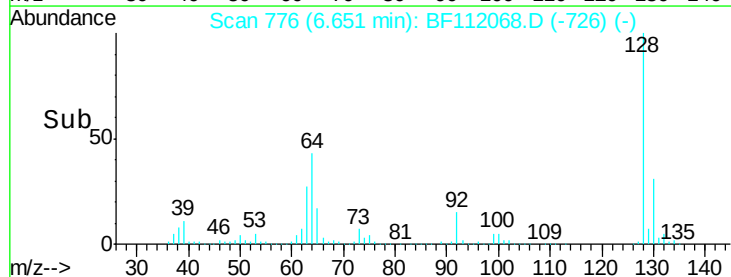
64 42.9 20.5 60.5

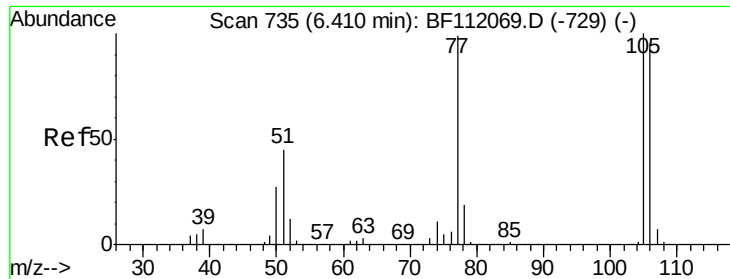


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.905 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

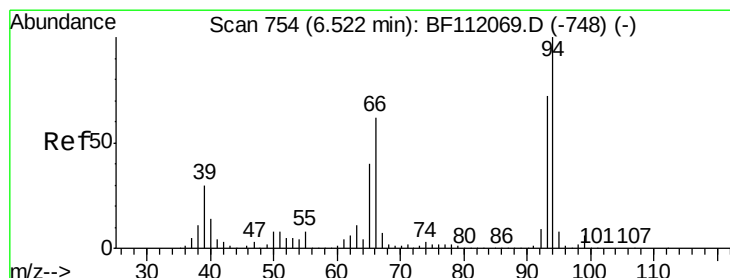
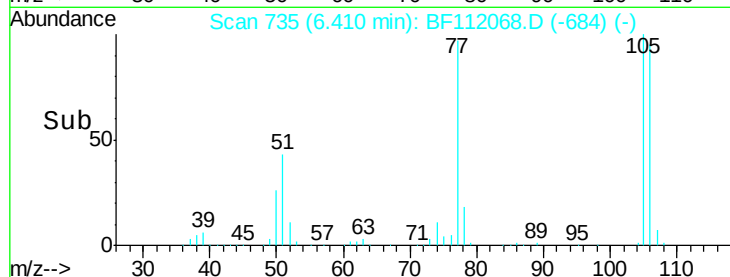
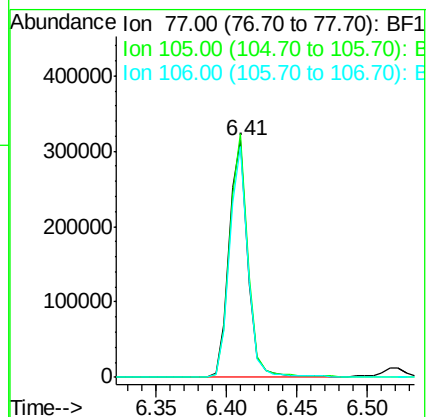
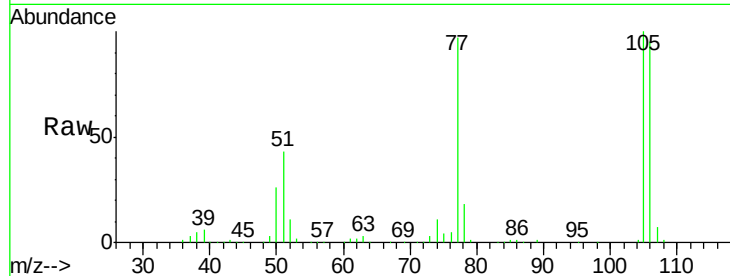
Tgt Ion: 77 Resp: 290440

Ion Ratio Lower Upper

77 100

105 102.7 80.8 120.8

106 97.5 75.7 115.7



#10

Phenol

Concen: 24.685 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

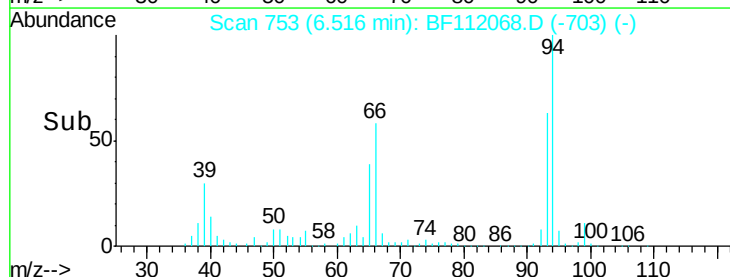
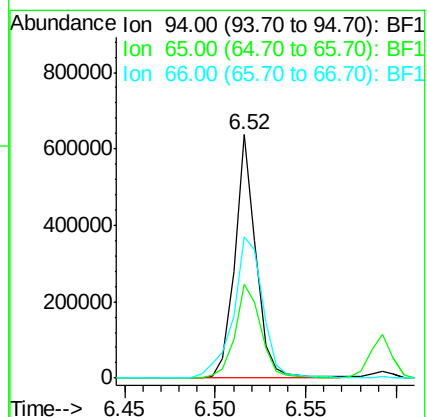
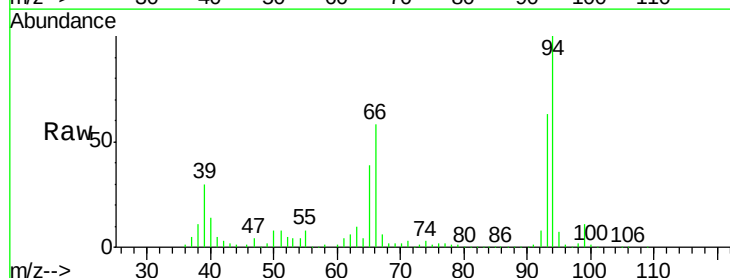
Tgt Ion: 94 Resp: 521140

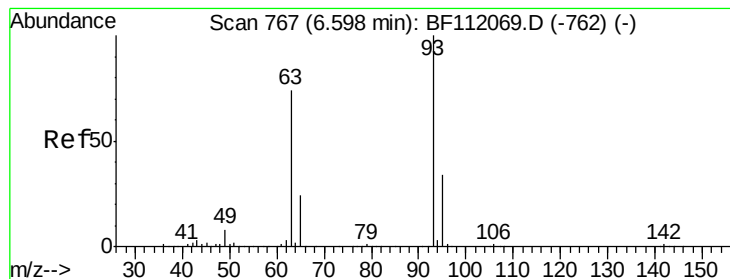
Ion Ratio Lower Upper

94 100

65 38.8 20.3 60.3

66 58.0 42.4 82.4





#11

bis(2-Chloroethyl)ether

Concen: 24.625 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

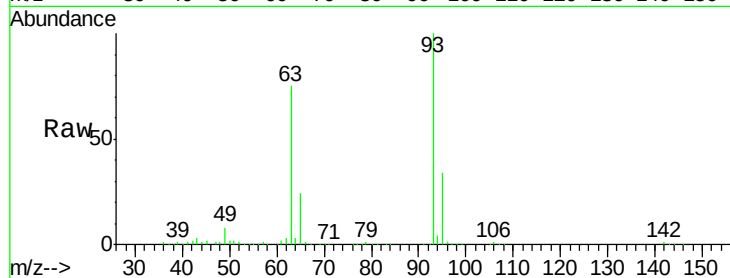
Tgt Ion: 93 Resp: 402187

Ion Ratio Lower Upper

93 100

63 74.7 53.3 93.3

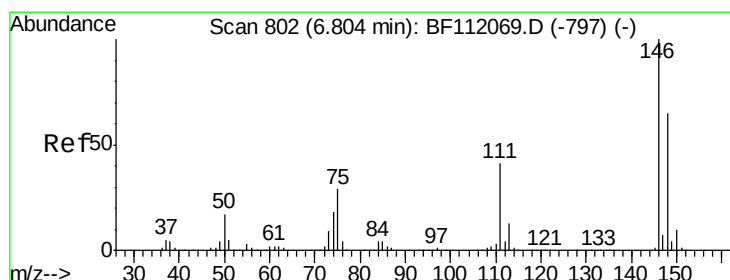
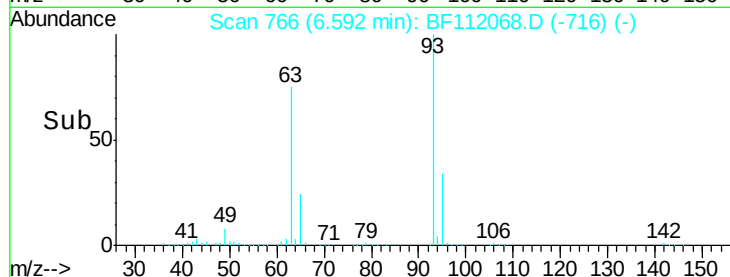
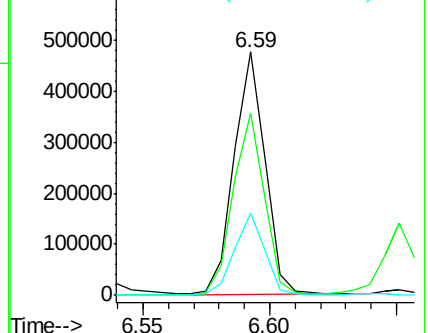
95 33.6 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 25.592 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

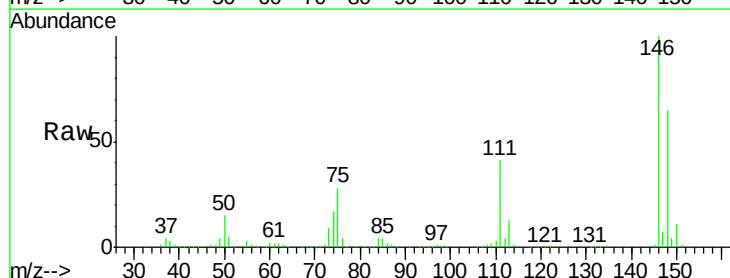
Tgt Ion: 146 Resp: 496488

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

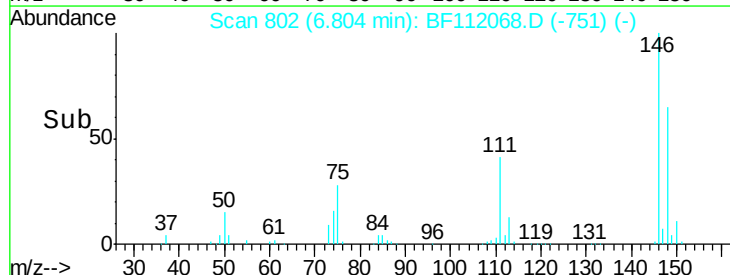
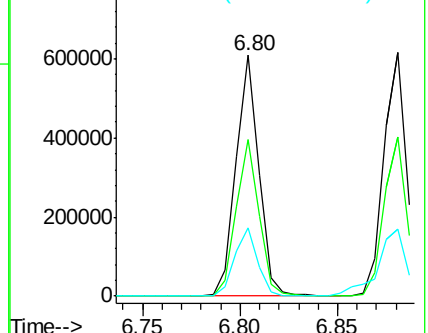
75 28.5 23.1 34.7

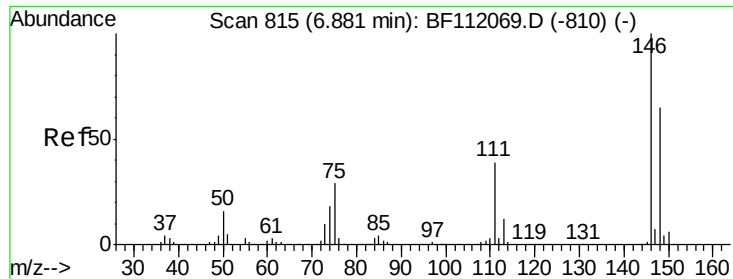


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

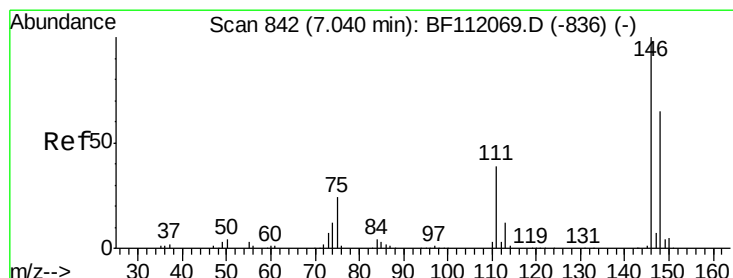
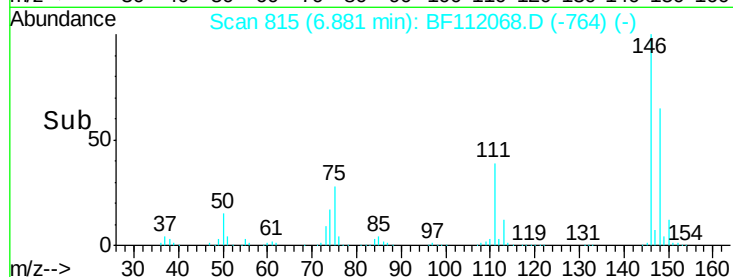
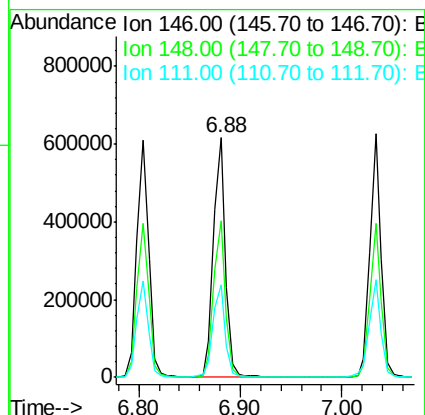
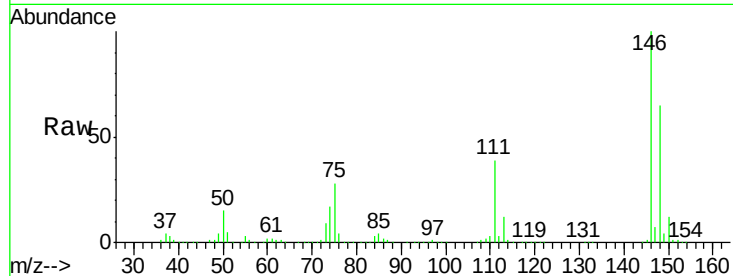




#13
 1,4-Dichlorobenzene
 Concen: 25.934 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

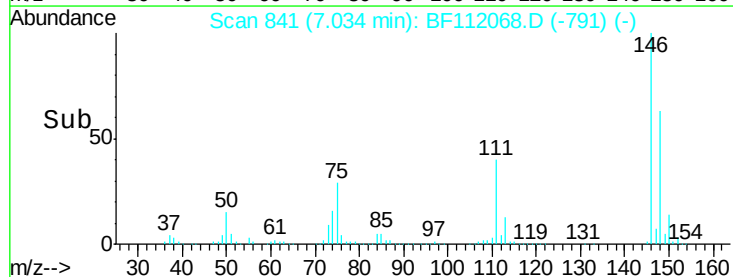
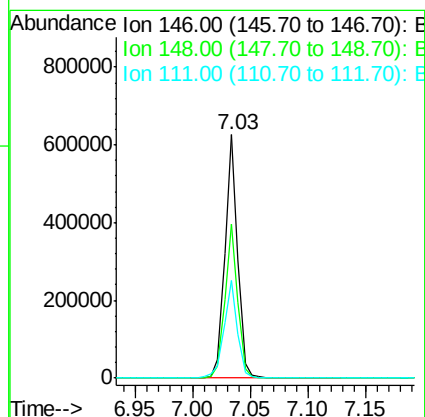
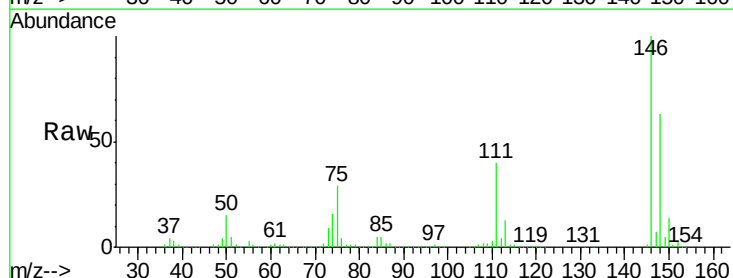
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

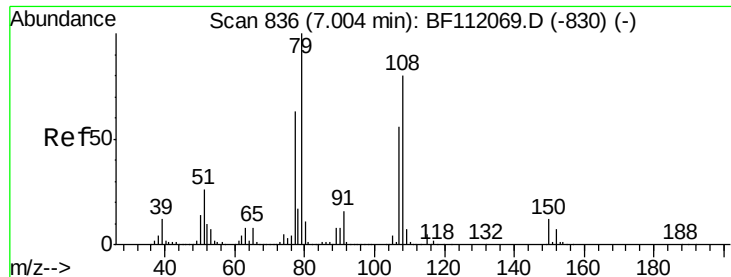
Tgt Ion:146 Resp: 510549
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.0 78.0
 111 38.6 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 25.388 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Tgt Ion:146 Resp: 477763
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.4
 111 40.2 31.2 46.8





#15

Benzyl Alcohol

Concen: 22.988 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

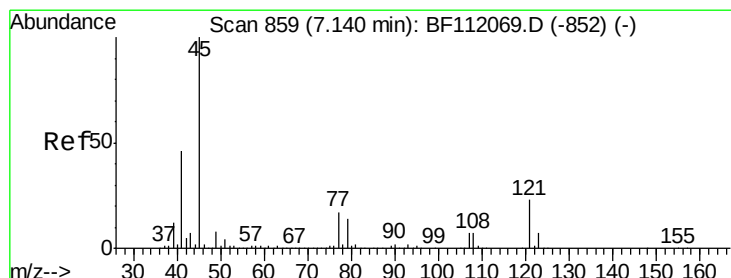
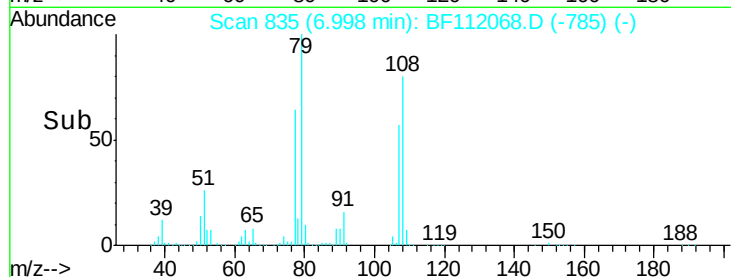
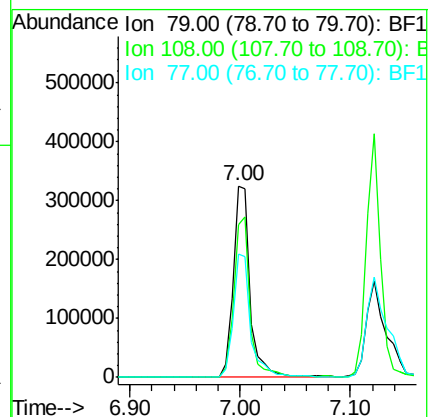
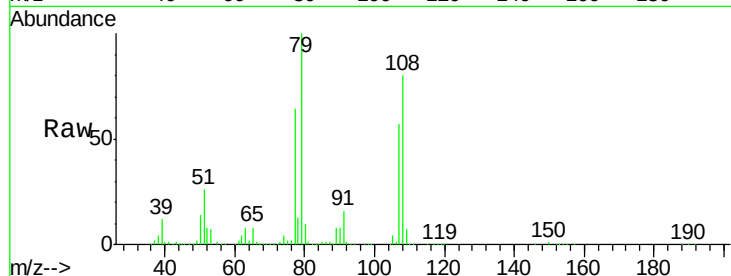
Tgt Ion: 79 Resp: 353309

Ion Ratio Lower Upper

79 100

108 79.9 64.2 96.2

77 64.5 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.429 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

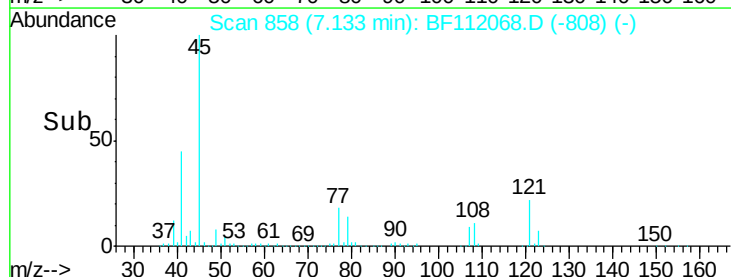
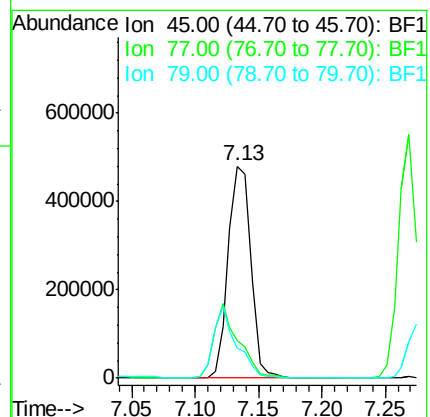
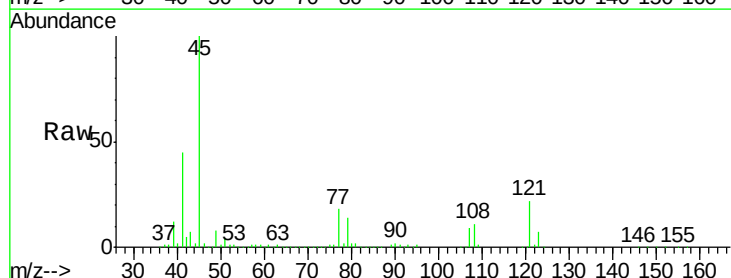
Tgt Ion: 45 Resp: 596723

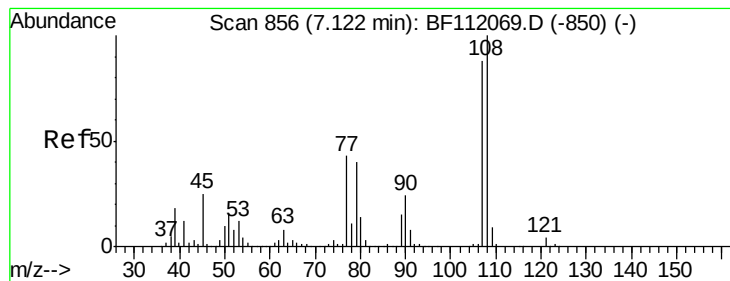
Ion Ratio Lower Upper

45 100

77 17.5 0.0 36.9

79 14.0 0.0 34.0





#17

2-Methylphenol

Concen: 24.470 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:107 Resp: 329112

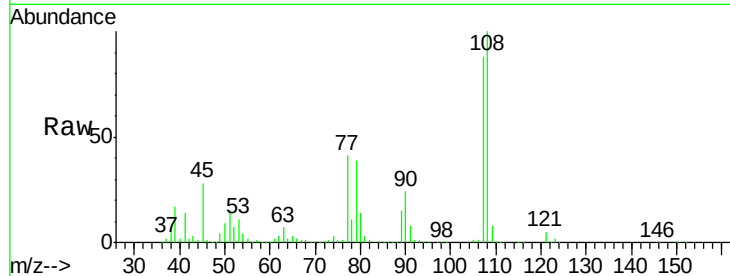
Ion Ratio Lower Upper

107 100

108 113.7 91.3 136.9

77 46.7 39.0 58.6

79 44.8 37.0 55.4

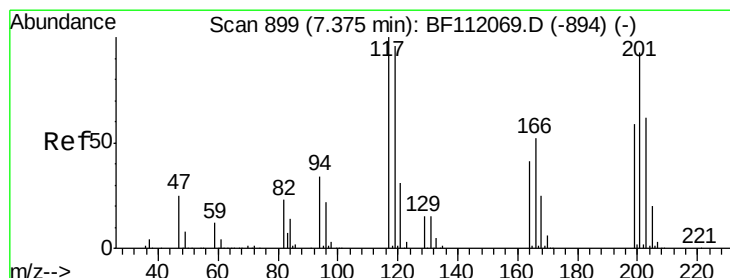
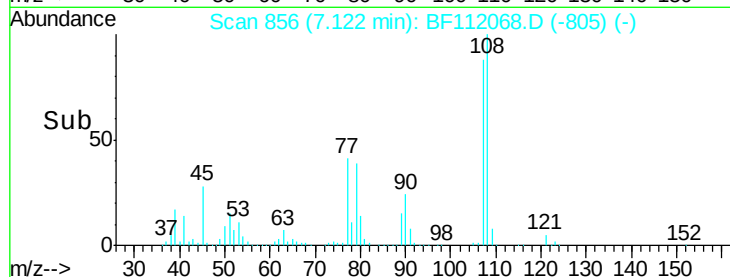
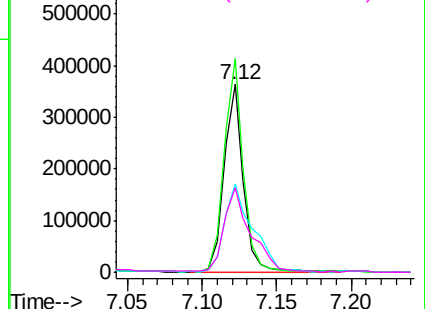


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 24.665 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

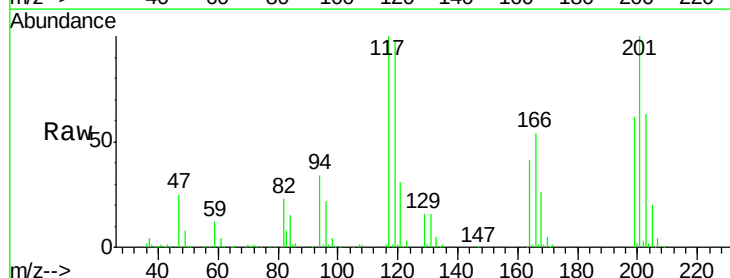
Tgt Ion:117 Resp: 169539

Ion Ratio Lower Upper

117 100

119 97.7 77.0 115.4

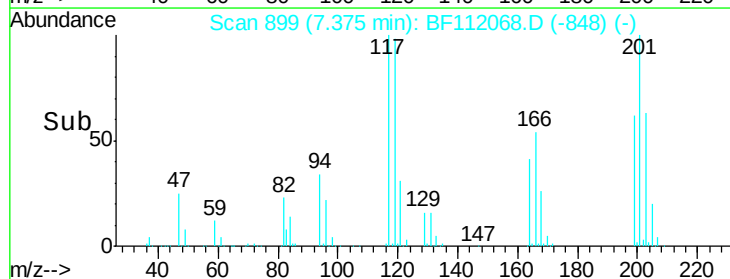
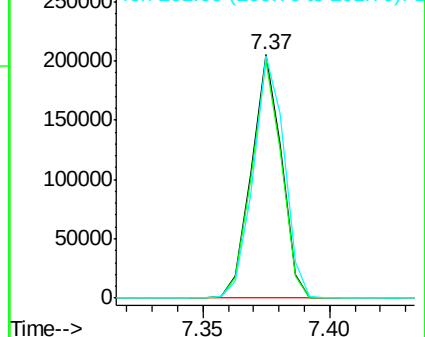
201 99.6 74.1 111.1

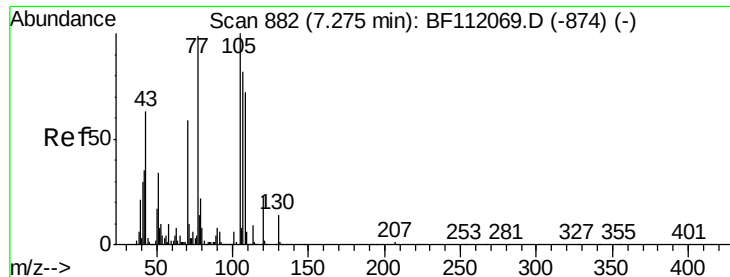


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

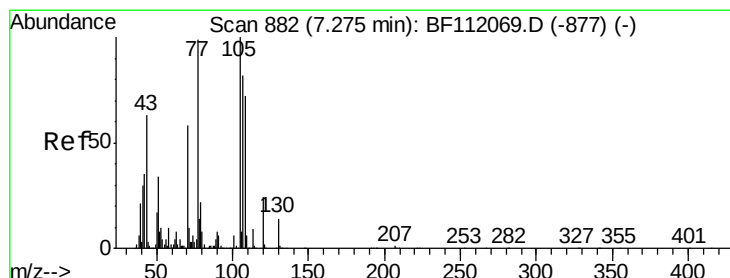
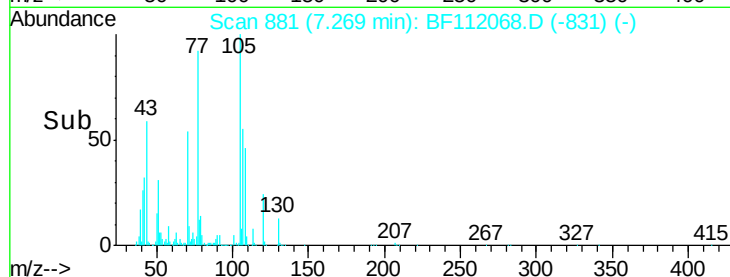
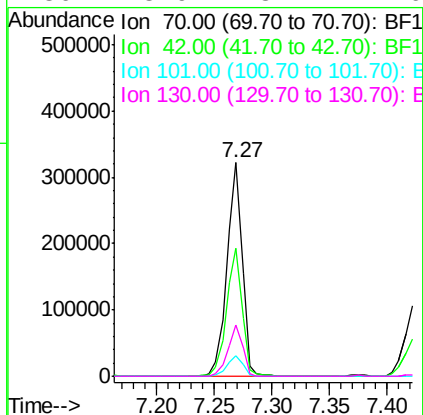
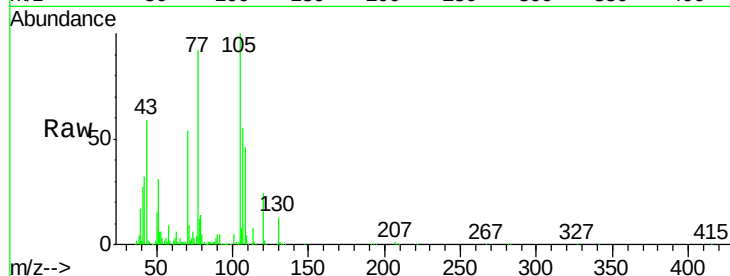




#19
n-Nitroso-di-n-propylamine
Concen: 23.553 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

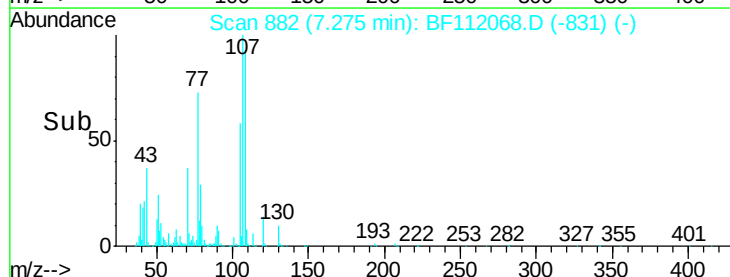
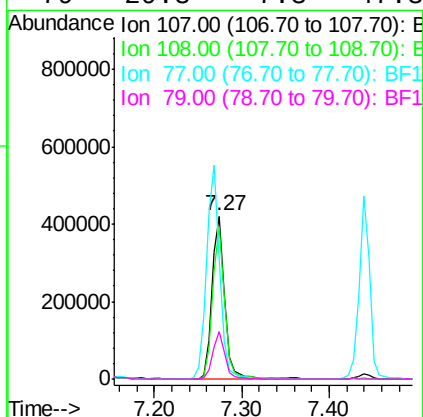
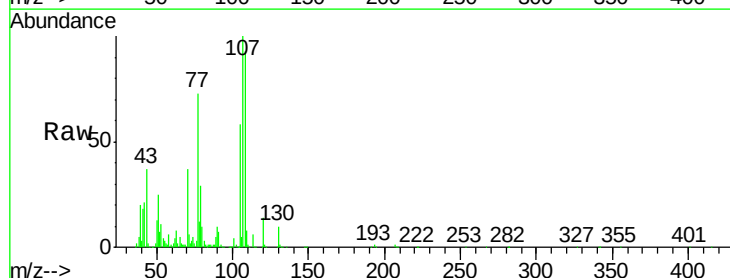
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

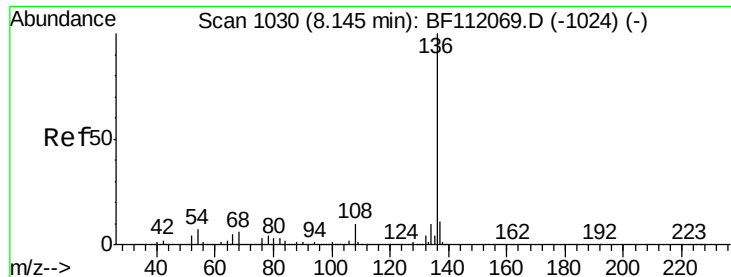
Tgt Ion:	70	Resp:	297252
Ion	Ratio	Lower	Upper
70	100		
42	60.1	47.6	71.4
101	9.6	7.9	11.9
130	23.9	18.4	27.6



#20
3+4-Methylphenols
Concen: 25.260 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion:	107	Resp:	422827
Ion	Ratio	Lower	Upper
107	100		
108	93.4	68.2	108.2
77	73.3	100.7	140.7#
79	29.3	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: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:136 Resp: 976404

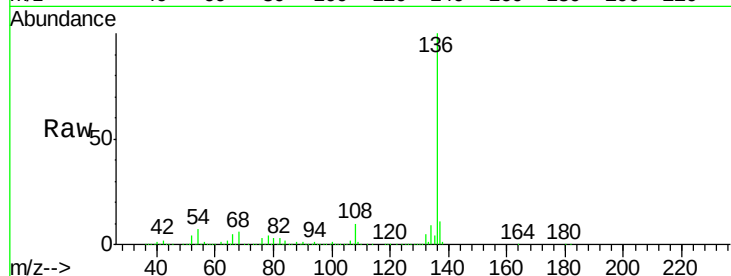
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 7.1 5.9 8.9

68 6.0 5.1 7.7

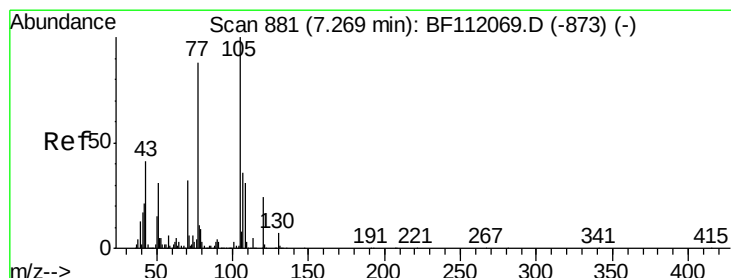
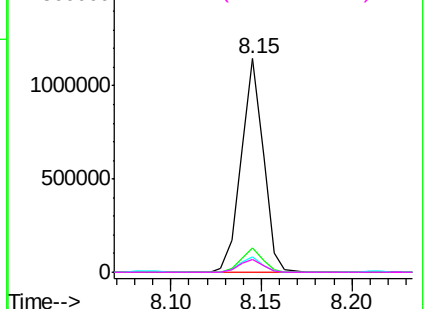
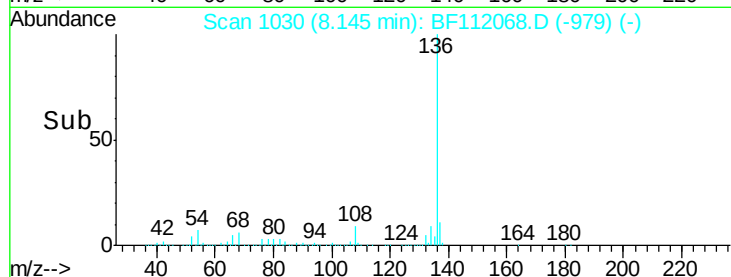


Abundance Ion 136.00 (135.70 to 136.70): E

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: 23.911 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Tgt Ion:105 Resp: 591057

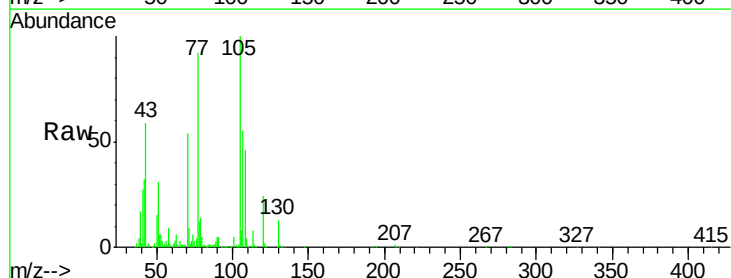
Ion Ratio Lower Upper

105 100

71 9.1 4.6 6.8#

51 30.9 25.0 37.6

120 23.8 19.0 28.4

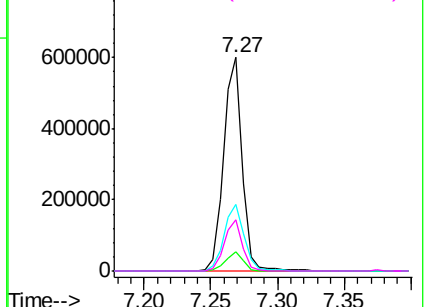
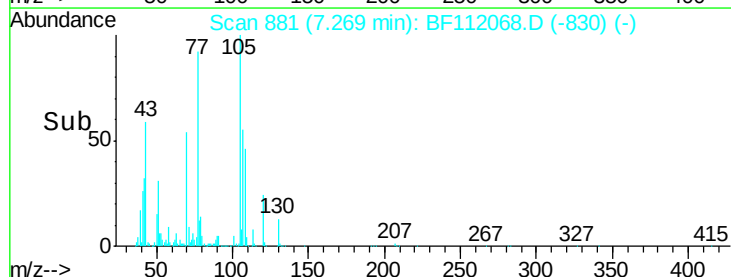


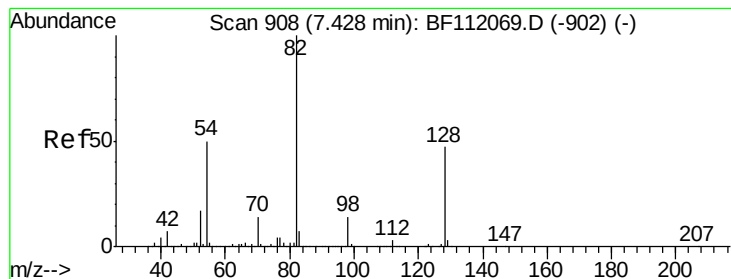
Abundance Ion 105.00 (104.70 to 105.70): E

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: 40.659 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

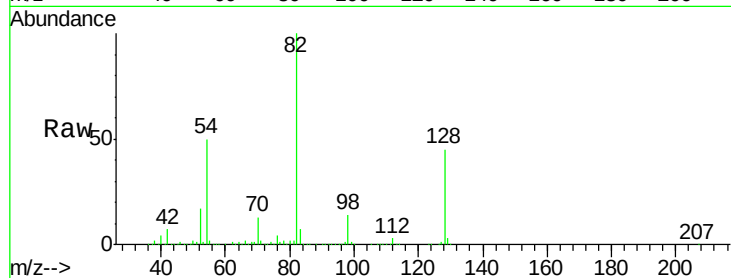
Tgt Ion: 82 Resp: 742808

Ion Ratio Lower Upper

82 100

128 44.6 37.8 56.8

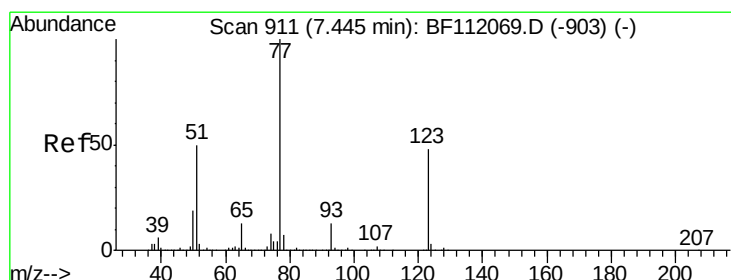
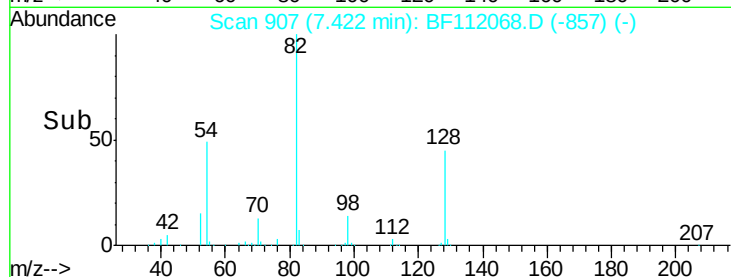
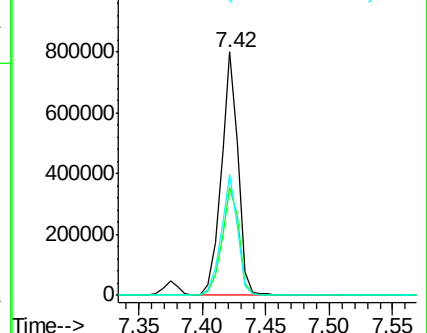
54 49.5 39.7 59.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 21.457 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

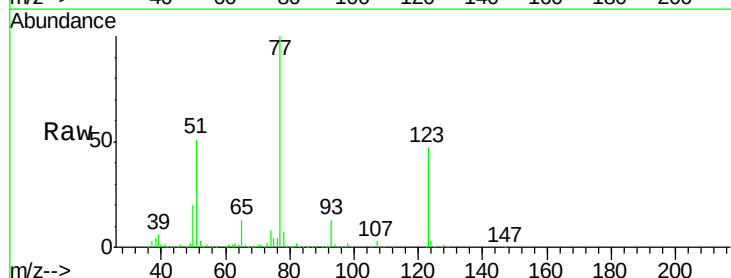
Tgt Ion: 77 Resp: 396543

Ion Ratio Lower Upper

77 100

123 47.0 38.4 57.6

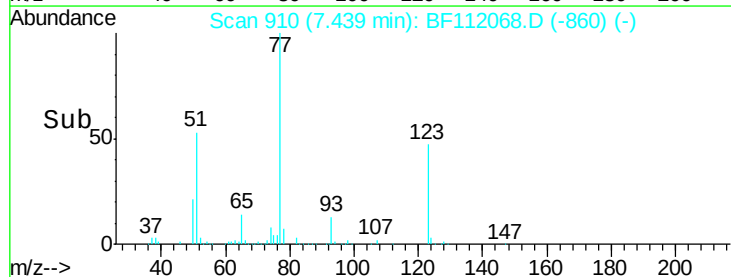
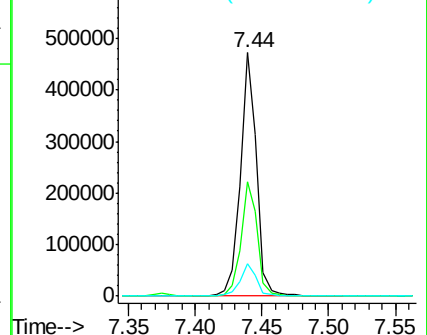
65 13.1 10.6 15.8

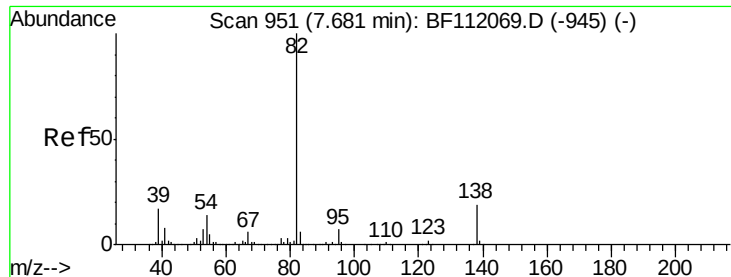


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 23.330 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

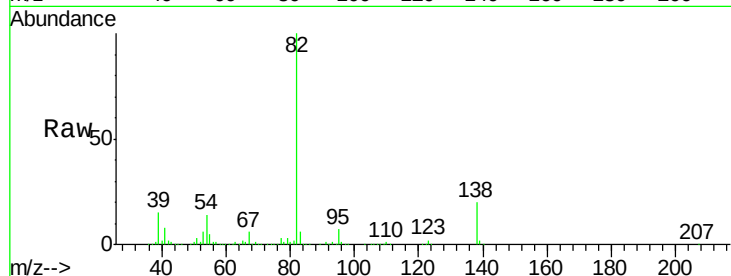
Tgt Ion: 82 Resp: 690194

Ion Ratio Lower Upper

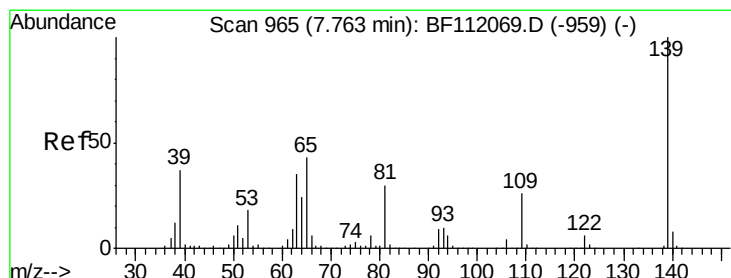
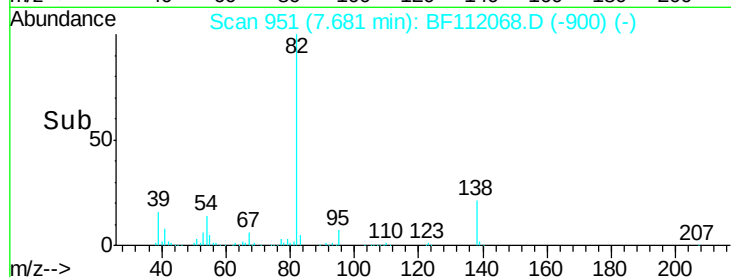
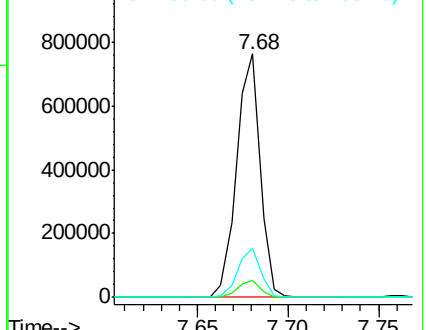
82 100

95 6.9 5.7 8.5

138 20.2 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 17.720 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

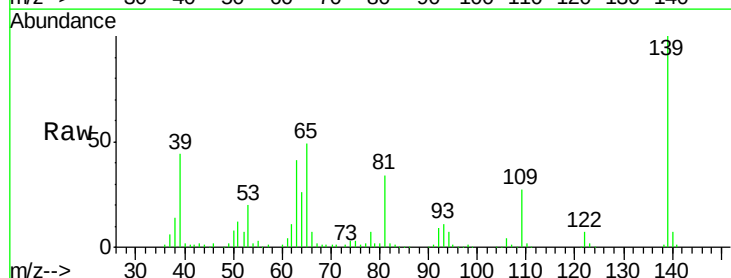
Tgt Ion: 139 Resp: 161248

Ion Ratio Lower Upper

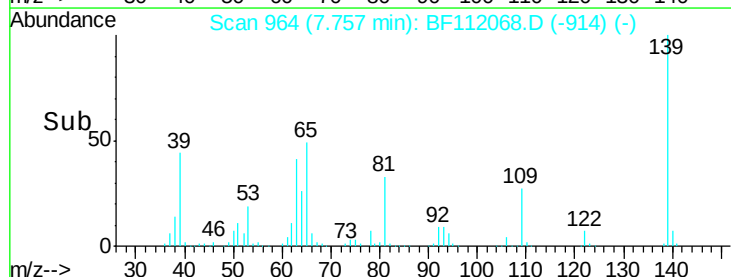
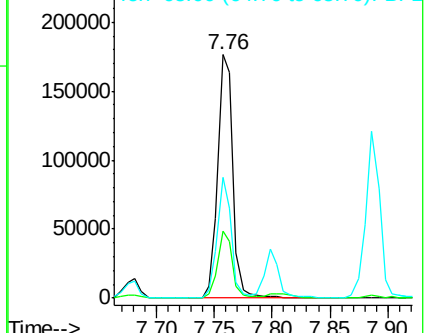
139 100

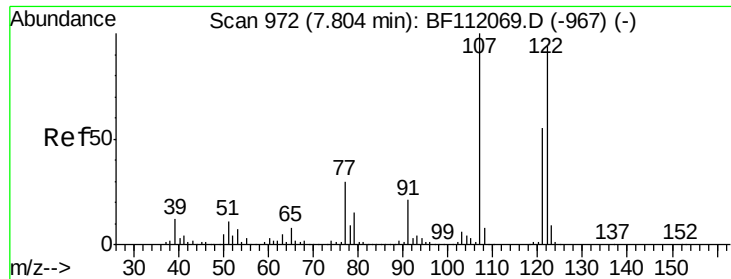
109 27.5 20.8 31.2

65 49.4 34.4 51.6



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





#27

2,4-Dimethylphenol

Concen: 25.051 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

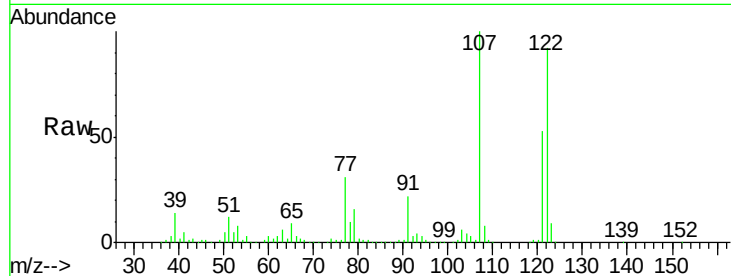
Tgt Ion:122 Resp: 329602

Ion Ratio Lower Upper

122 100

107 108.9 85.4 128.0

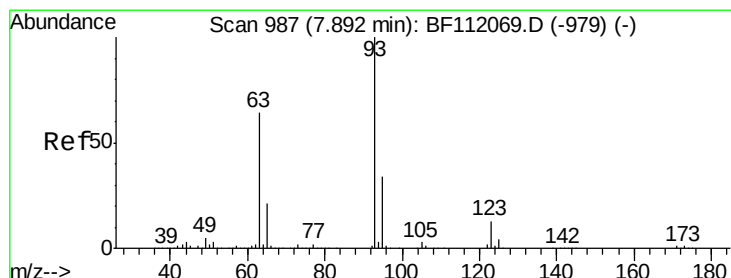
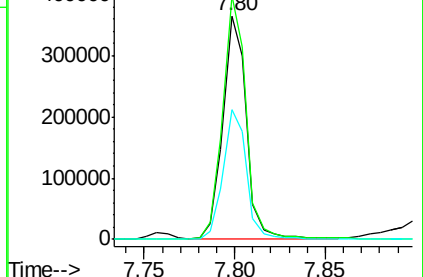
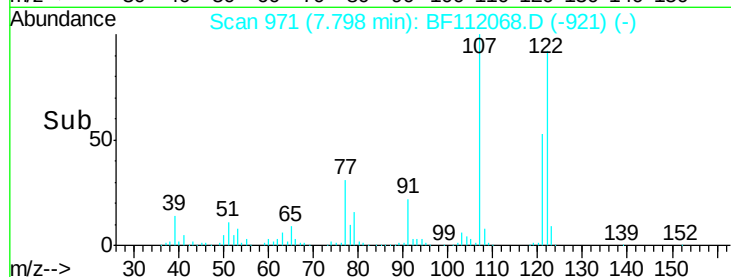
121 58.1 47.0 70.4



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: 24.596 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

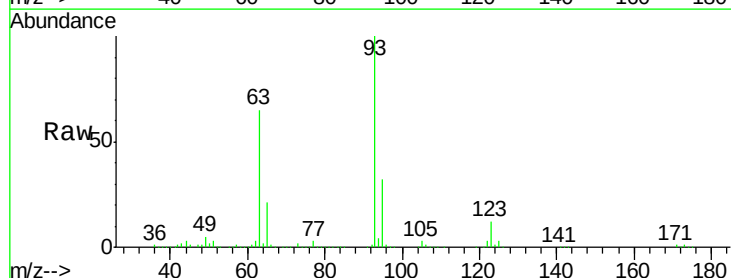
Tgt Ion: 93 Resp: 485696

Ion Ratio Lower Upper

93 100

95 31.7 26.8 40.2

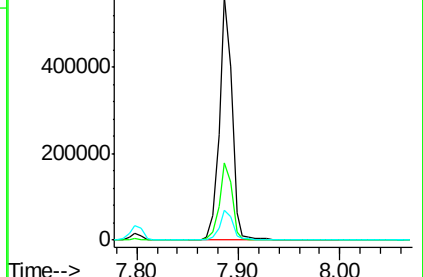
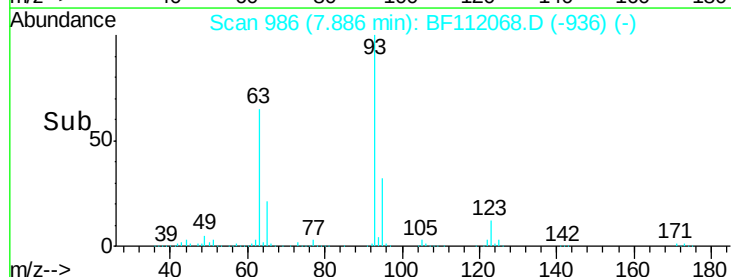
123 12.1 10.2 15.2

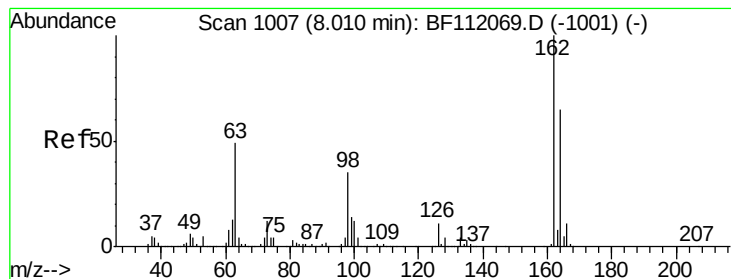


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 24.161 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

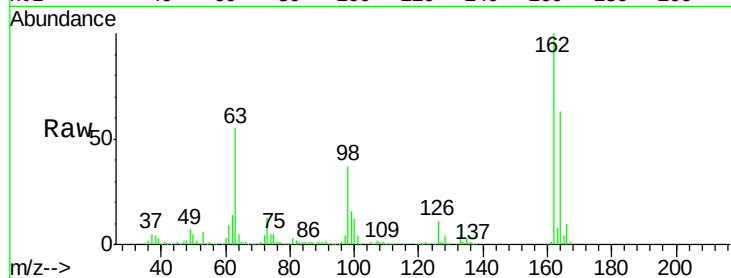
Tgt Ion:162 Resp: 365531

Ion Ratio Lower Upper

162 100

164 63.3 44.6 84.6

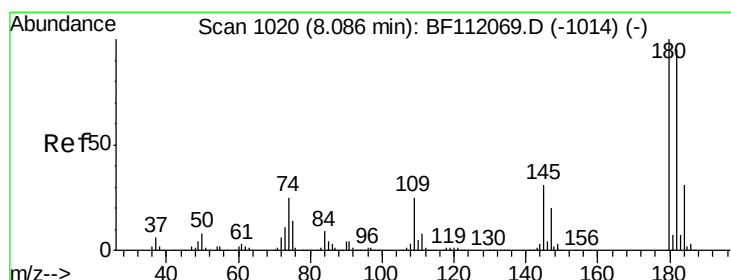
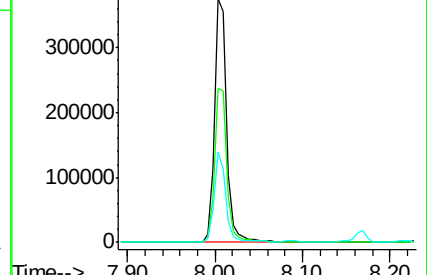
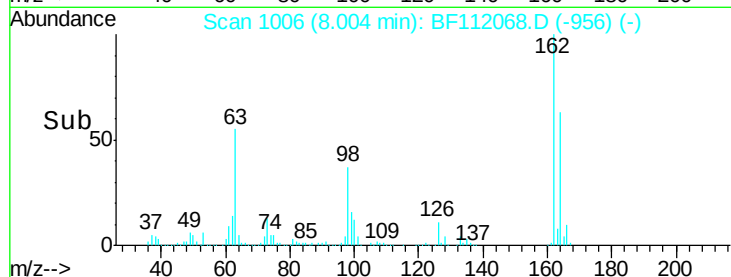
98 37.1 14.6 54.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 25.047 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

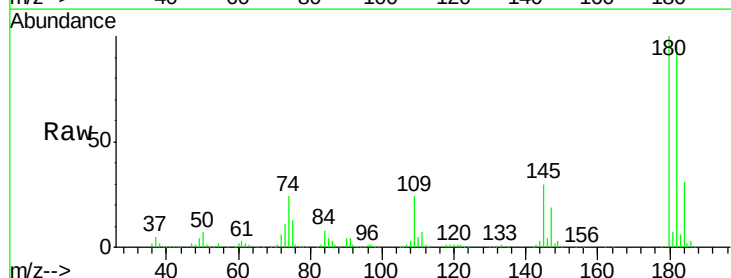
Tgt Ion:180 Resp: 418040

Ion Ratio Lower Upper

180 100

182 96.1 76.4 114.6

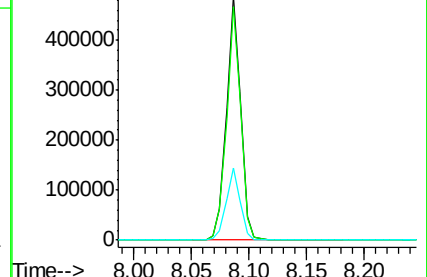
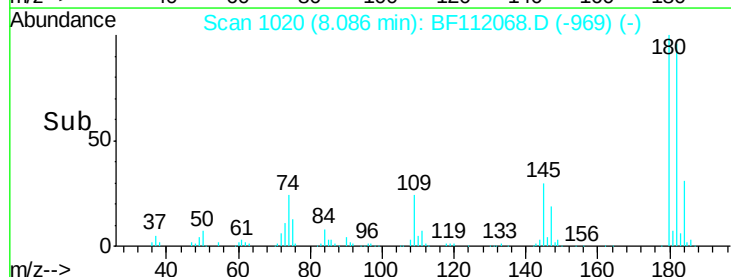
145 29.7 25.0 37.4

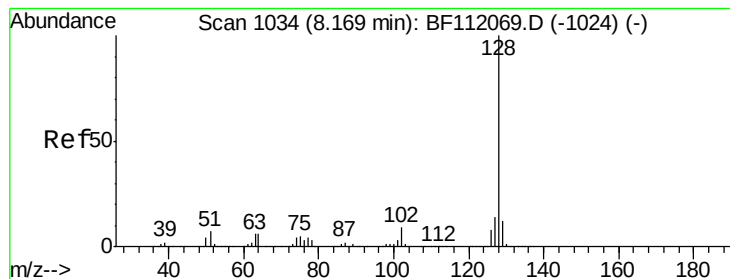


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 25.546 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

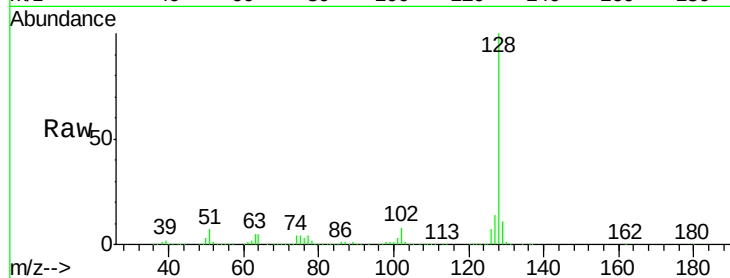
Tgt Ion:128 Resp: 1184079

Ion Ratio Lower Upper

128 100

129 11.0 9.6 14.4

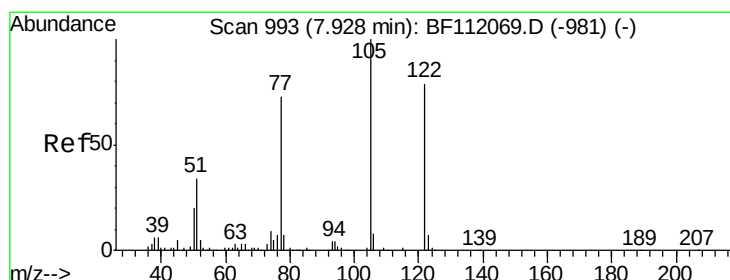
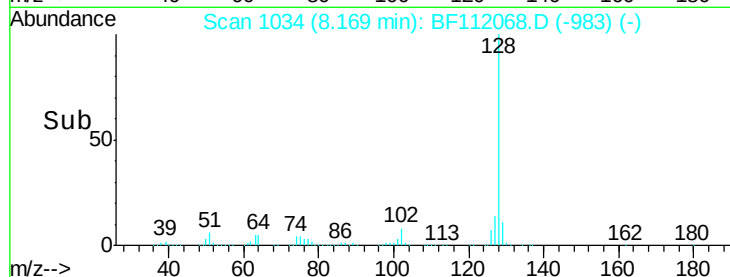
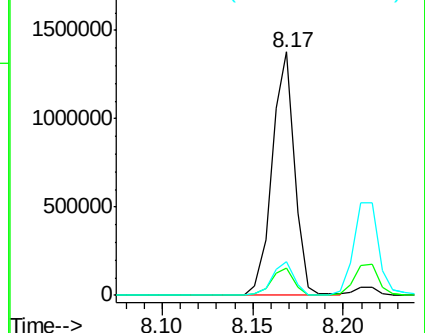
127 13.6 11.1 16.7



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: 7.555 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

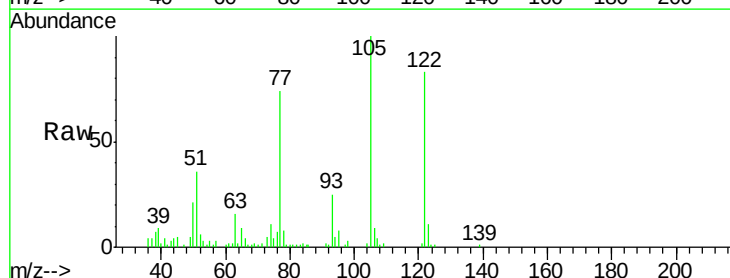
Tgt Ion:122 Resp: 64509

Ion Ratio Lower Upper

122 100

105 119.9 101.2 141.2

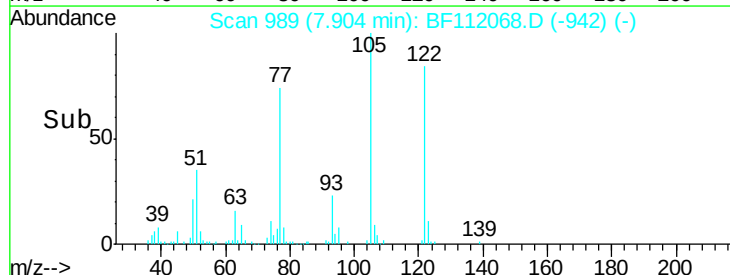
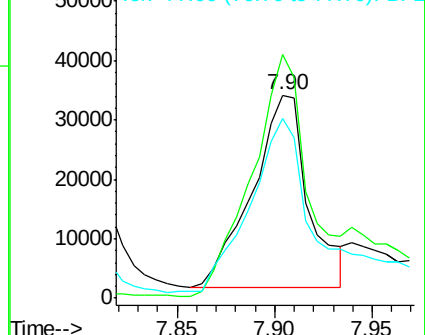
77 88.3 70.4 110.4

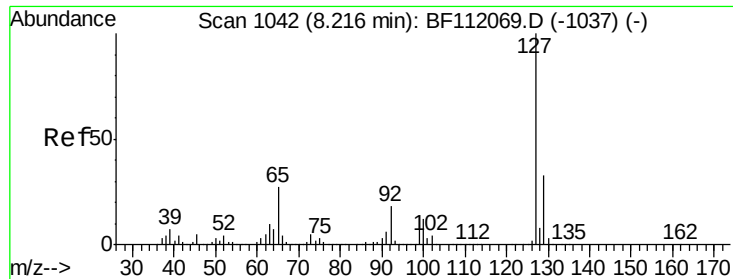


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

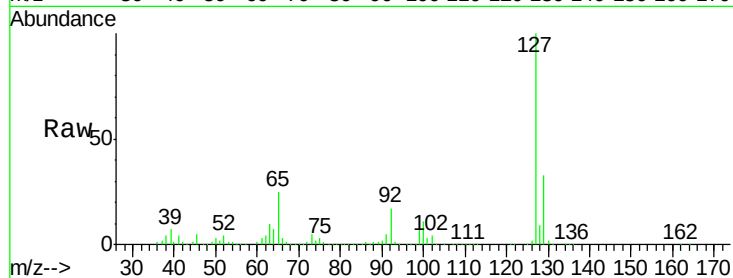




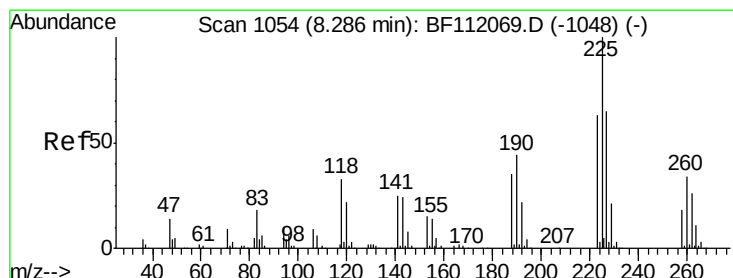
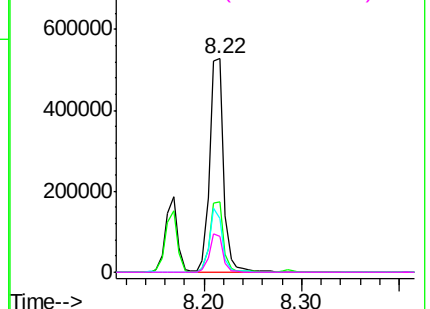
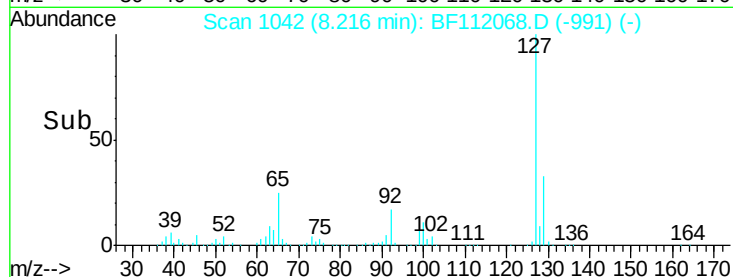
#33
4-Chloroaniline
Concen: 25.995 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion:	127	Resp:	520850
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	25.2	21.4	32.2
92	17.0	14.2	21.2

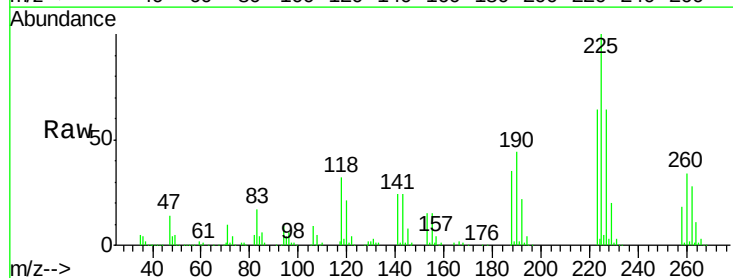


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

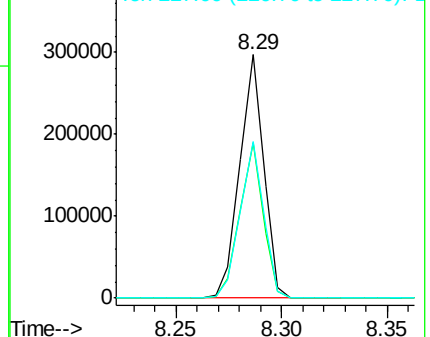
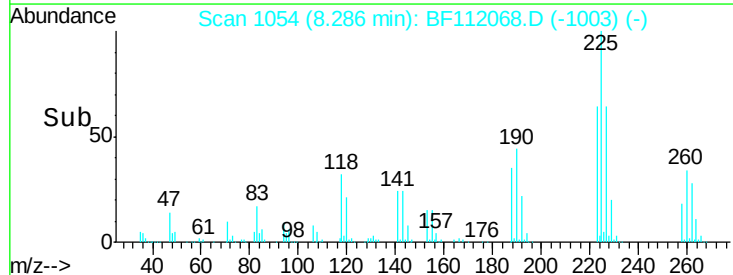


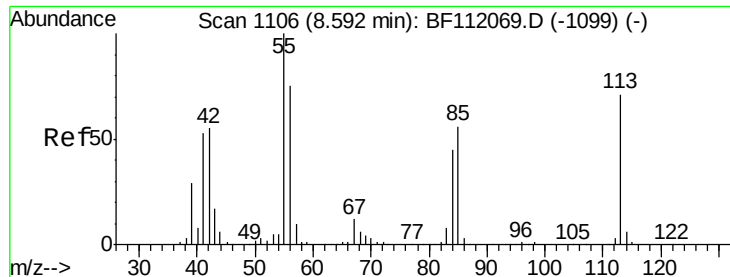
#34
Hexachlorobutadiene
Concen: 22.413 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion:	225	Resp:	232878
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.3	75.5
227	64.4	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

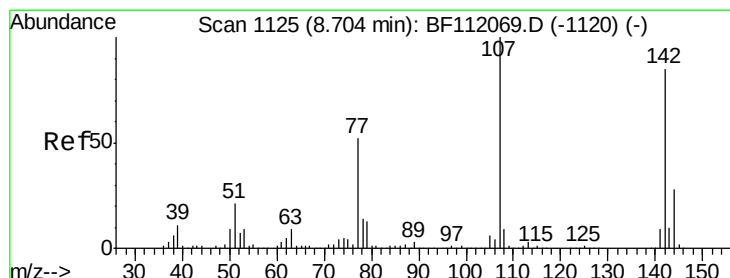
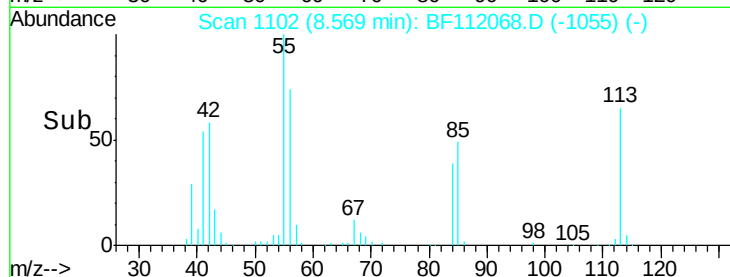
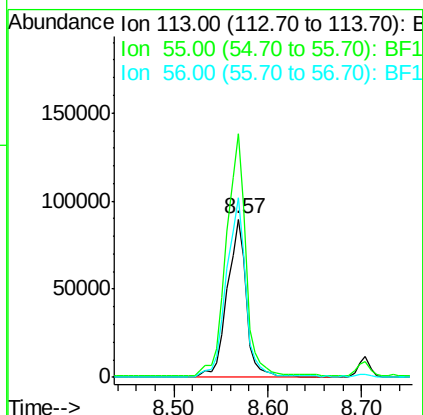
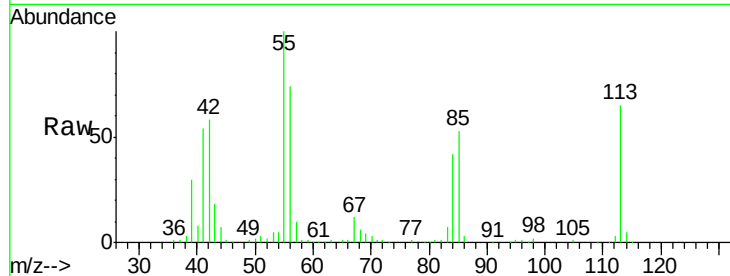




#35
 Caprolactam
 Concen: 25.813 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

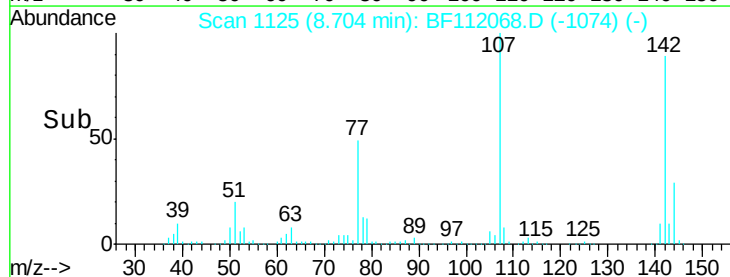
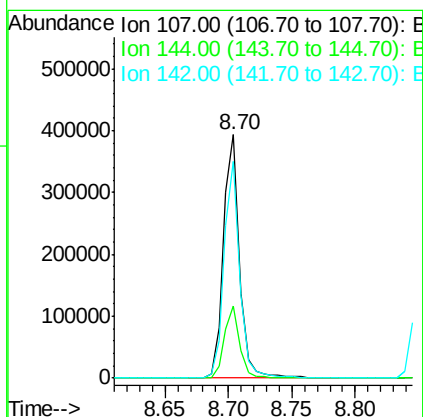
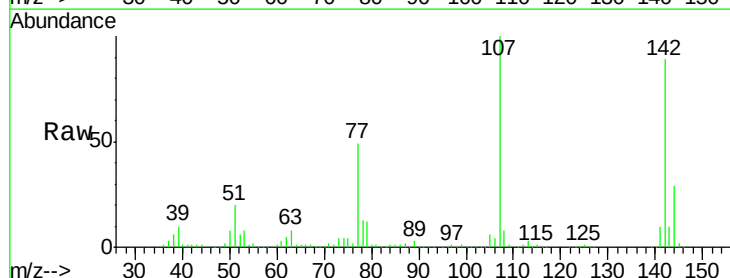
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

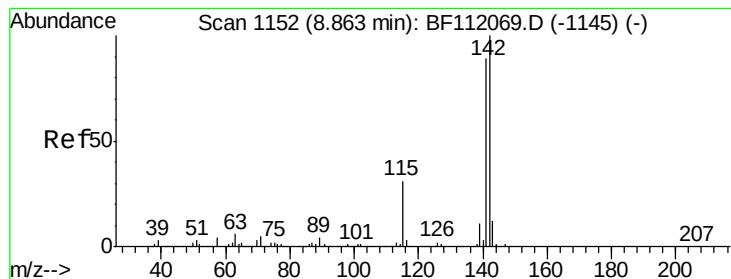
Tgt Ion:113 Resp: 127595
 Ion Ratio Lower Upper
 113 100
 55 153.9 121.6 161.6
 56 113.3 86.7 126.7



#36
 4-Chloro-3-methylphenol
 Concen: 23.283 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Tgt Ion:107 Resp: 350229
 Ion Ratio Lower Upper
 107 100
 144 29.4 22.2 33.2
 142 89.1 67.7 101.5





#37

2-Methylnaphthalene

Concen: 27.833 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

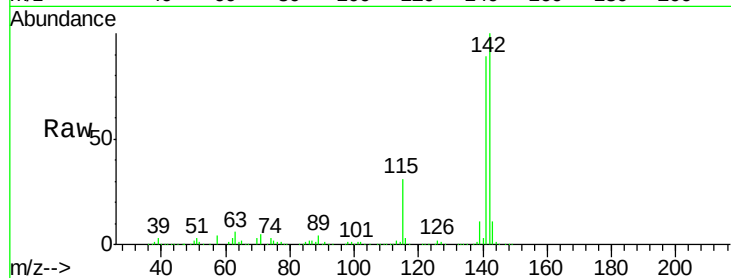
Tgt Ion:142 Resp: 799382

Ion Ratio Lower Upper

142 100

141 88.7 70.9 106.3

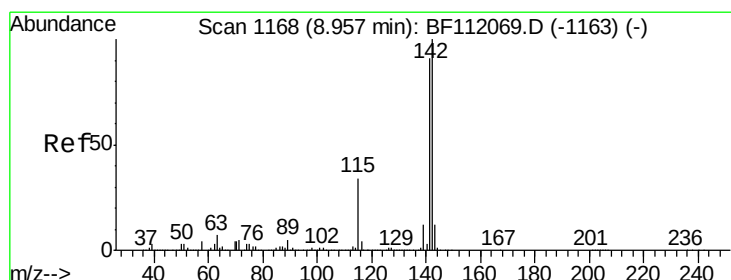
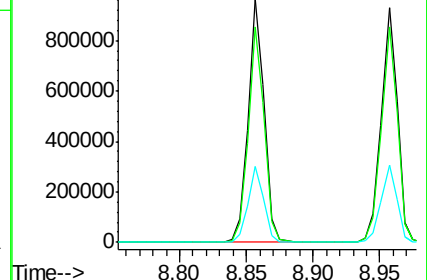
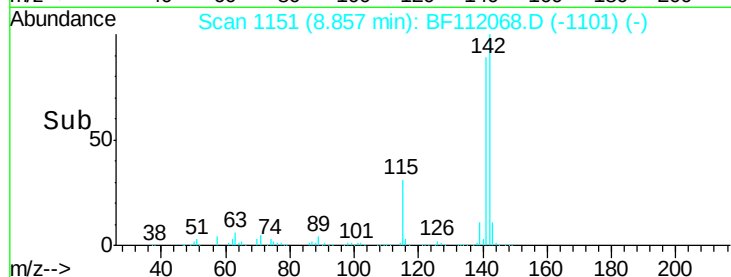
115 31.4 24.9 37.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 27.825 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

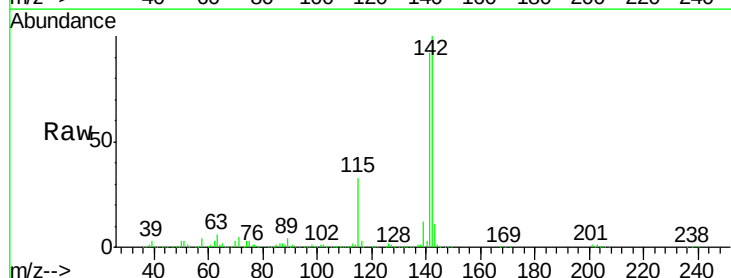
Tgt Ion:142 Resp: 766506

Ion Ratio Lower Upper

142 100

141 91.9 72.6 108.8

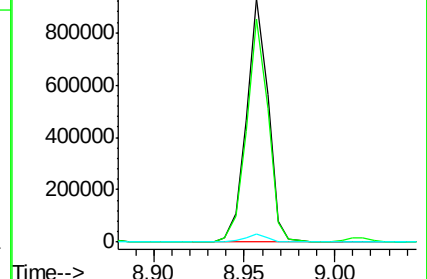
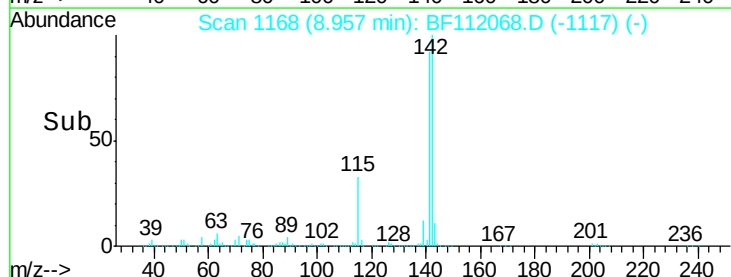
116 3.4 2.8 4.2

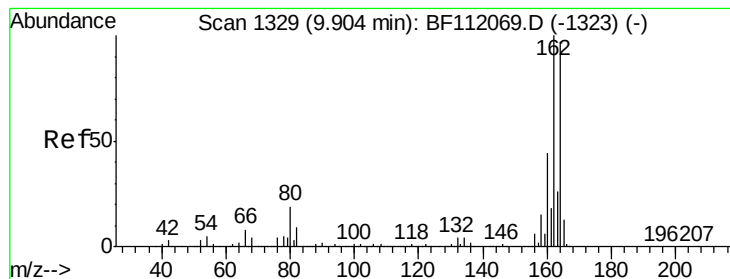


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

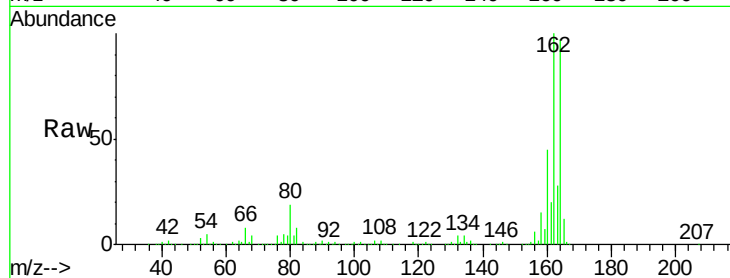
Tgt Ion:164 Resp: 485787

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.4

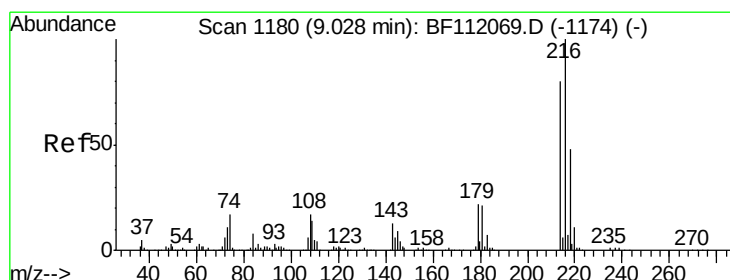
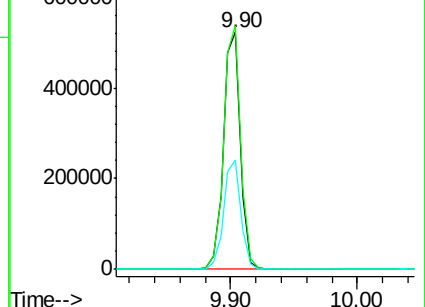
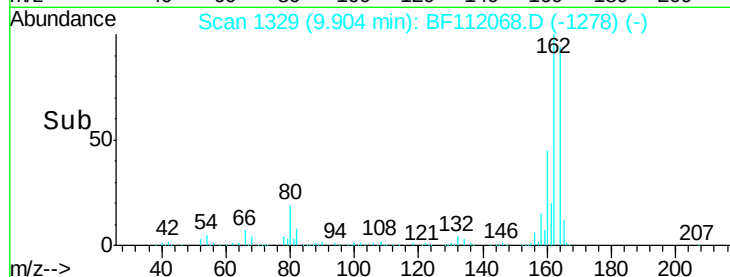
160 46.2 36.2 54.4



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: 26.303 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Tgt Ion:216 Resp: 407361

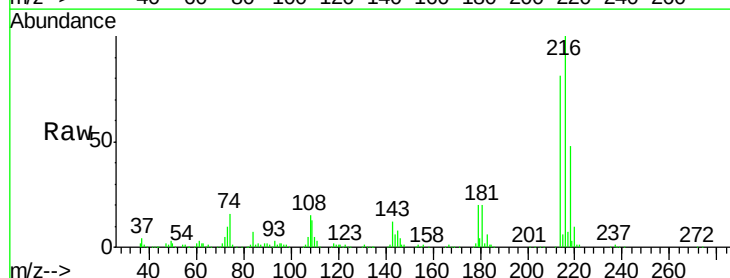
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.6

179 20.6 16.9 25.3

108 17.6 14.2 21.4

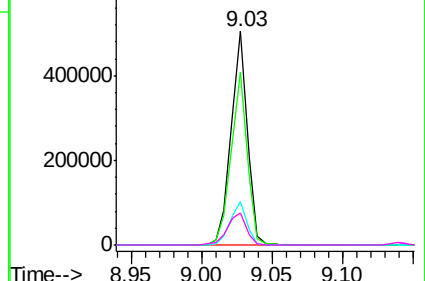
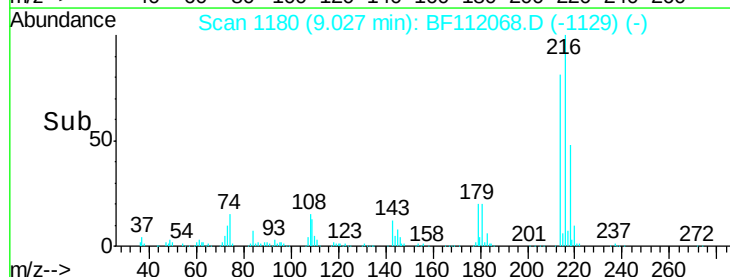


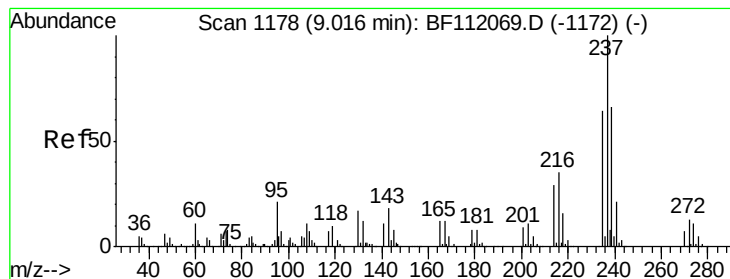
Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.628 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

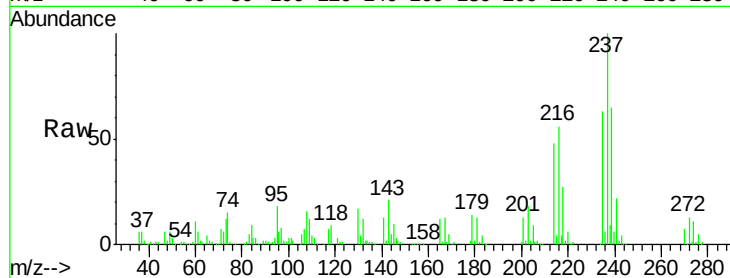
Tgt Ion: 237 Resp: 113080

Ion Ratio Lower Upper

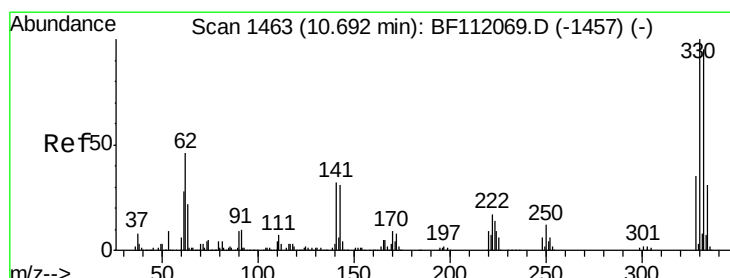
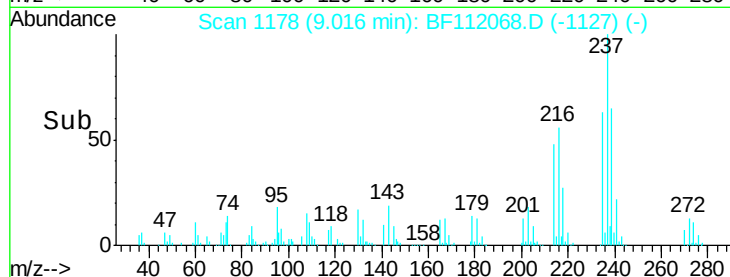
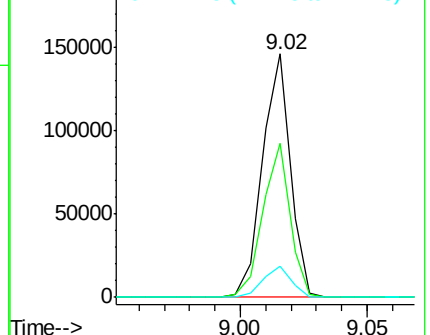
237 100

235 63.1 44.0 84.0

272 12.9 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: 45.779 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

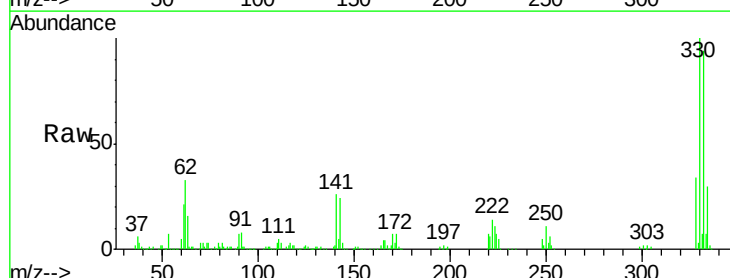
Tgt Ion: 330 Resp: 289257

Ion Ratio Lower Upper

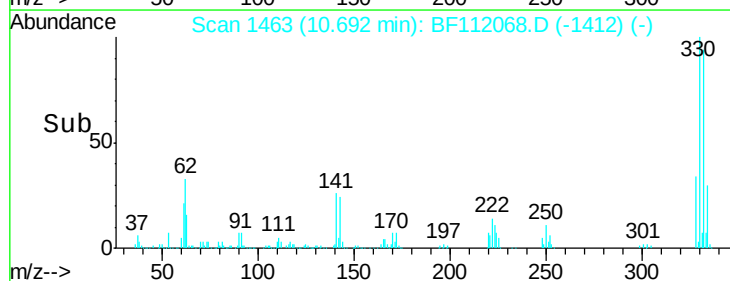
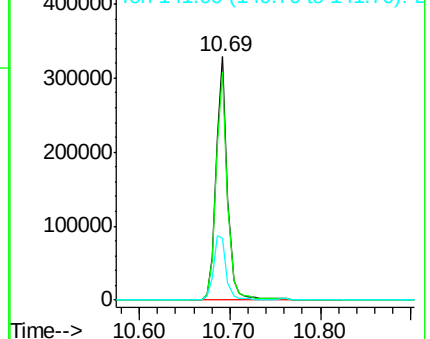
330 100

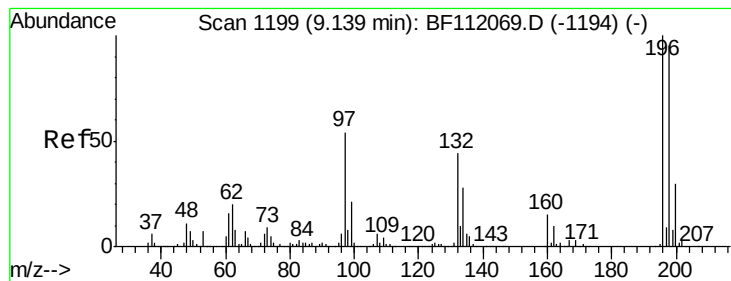
332 95.1 76.6 114.8

141 29.9 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: 23.229 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

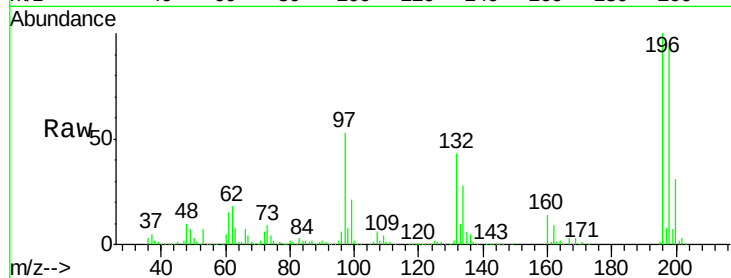
Tgt Ion:196 Resp: 244003

Ion Ratio Lower Upper

196 100

198 94.2 76.2 114.4

200 31.0 24.3 36.5

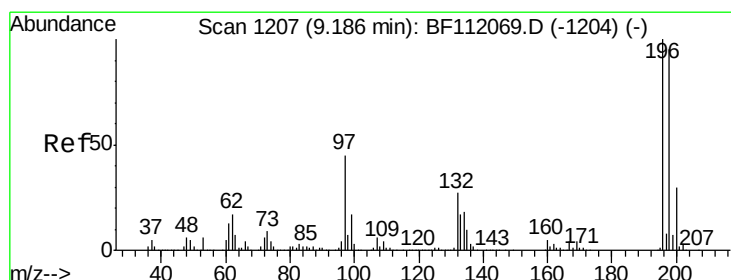
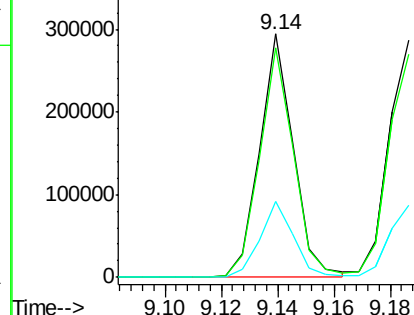
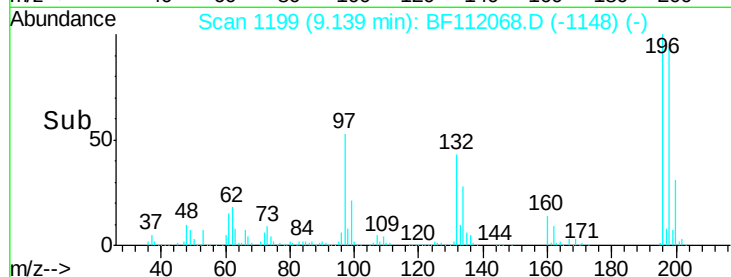


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 23.791 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Tgt Ion:196 Resp: 261831

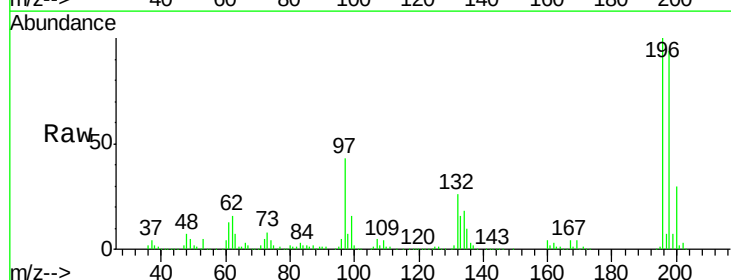
Ion Ratio Lower Upper

196 100

198 94.1 76.0 114.0

97 42.9 36.4 54.6

132 26.2 21.5 32.3



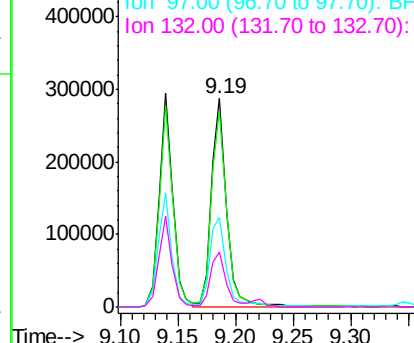
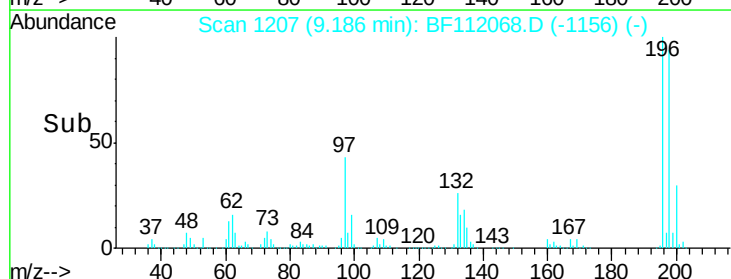
Abundance

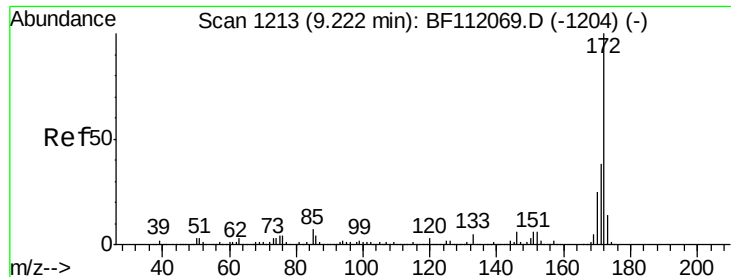
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

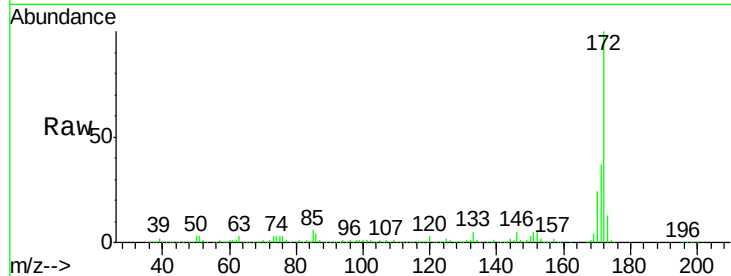




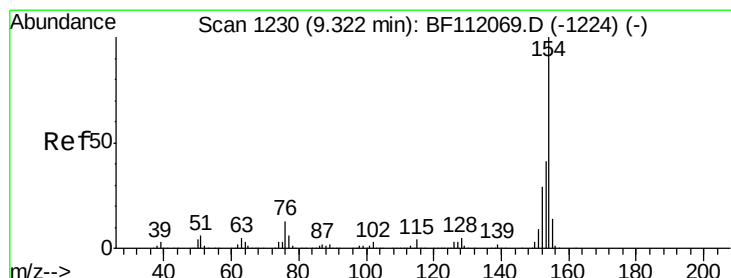
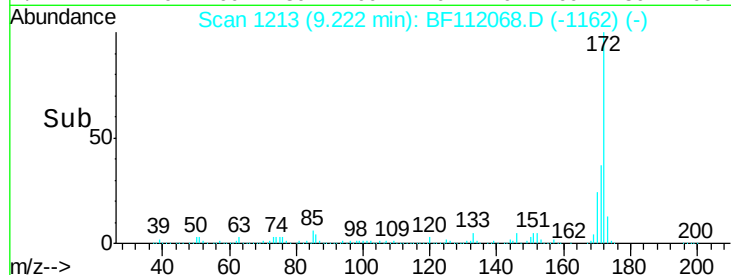
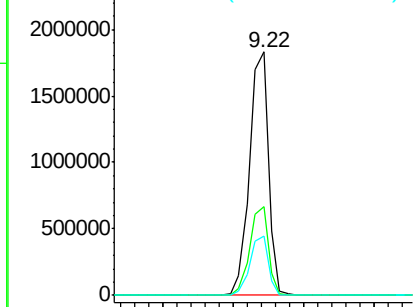
#45
2-Fluorobiphenyl
Concen: 52.224 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion:172 Resp: 1739788
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 24.1 20.2 30.4

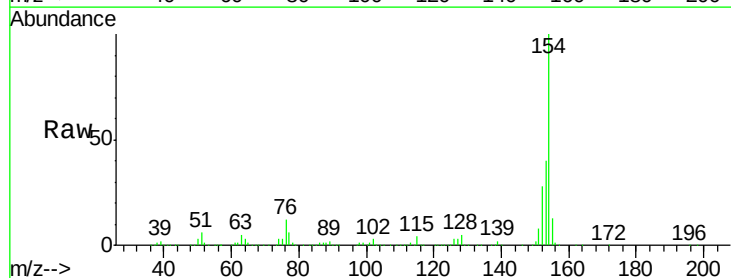


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

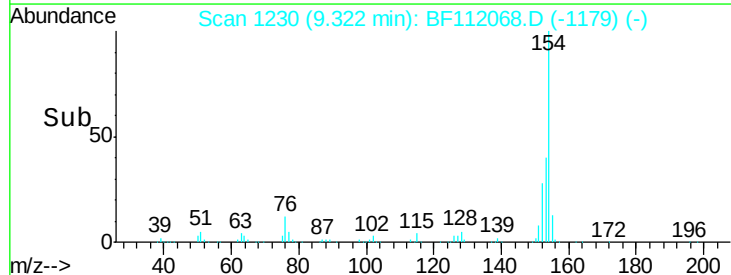
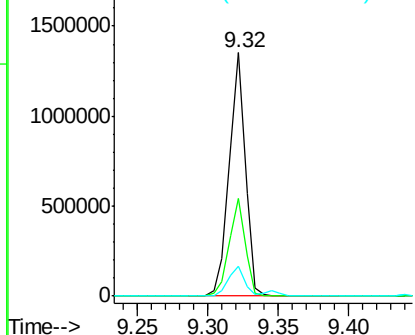


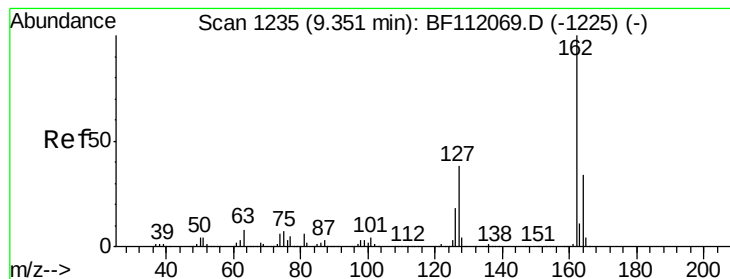
#46
1,1'-Biphenyl
Concen: 26.688 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion:154 Resp: 1084462
Ion Ratio Lower Upper
154 100
153 40.2 21.5 61.5
76 12.2 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: 26.064 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

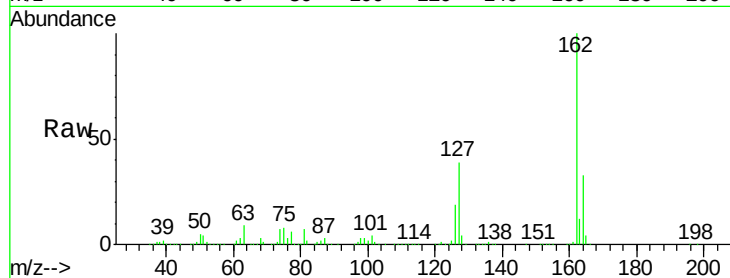
Tgt Ion: 162 Resp: 831216

Ion Ratio Lower Upper

162 100

127 39.1 30.4 45.6

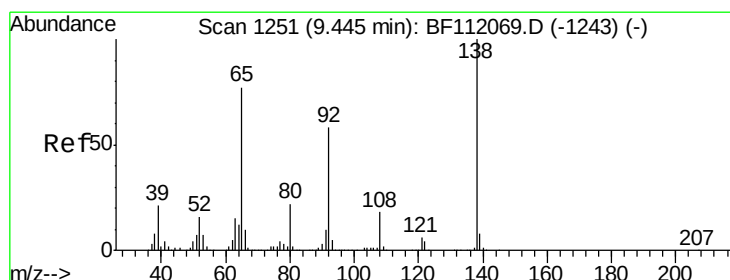
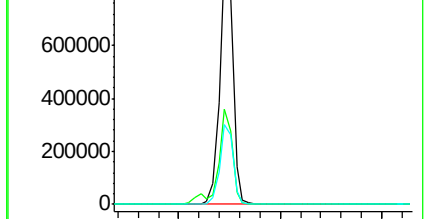
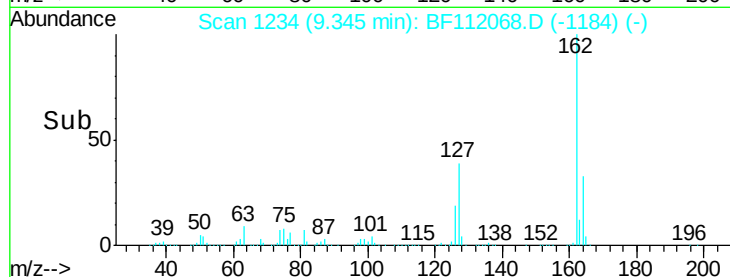
164 33.0 27.4 41.2



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: 17.891 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

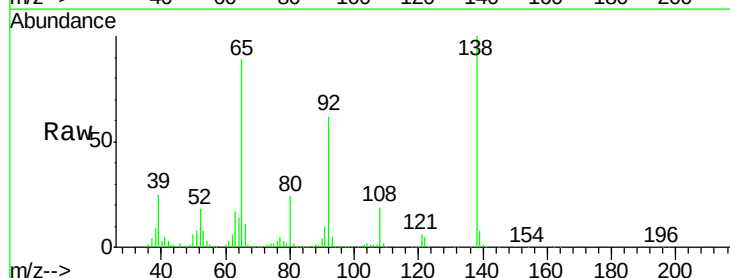
Tgt Ion: 65 Resp: 174446

Ion Ratio Lower Upper

65 100

92 70.0 60.4 90.6

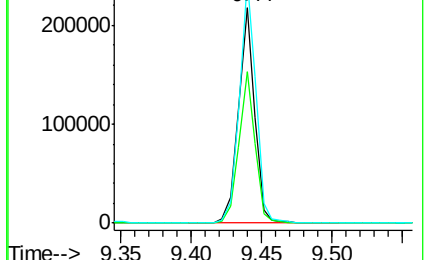
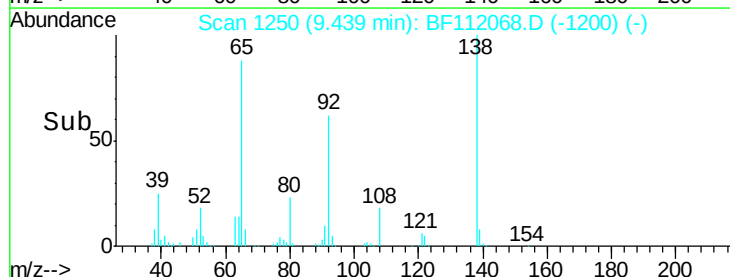
138 112.9 104.4 156.6

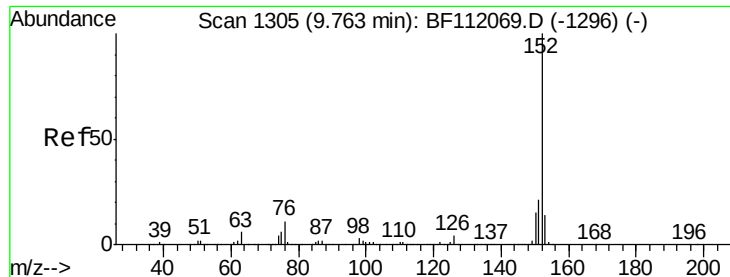


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 26.081 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

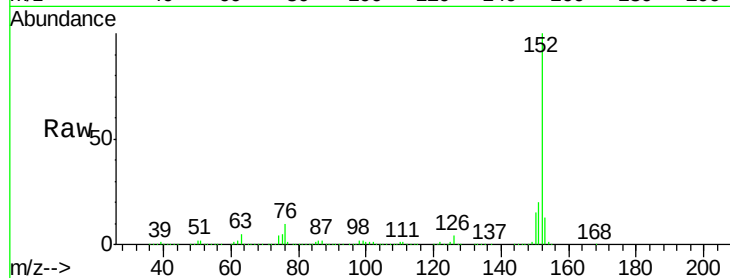
Tgt Ion:152 Resp: 1229724

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.6

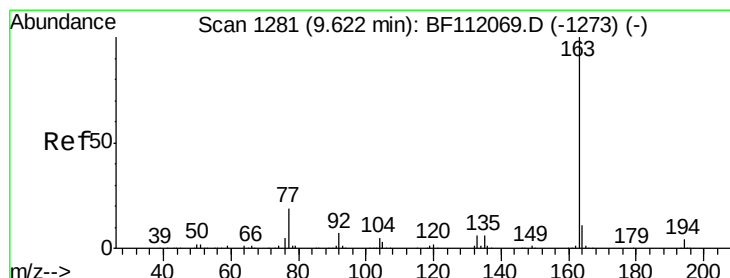
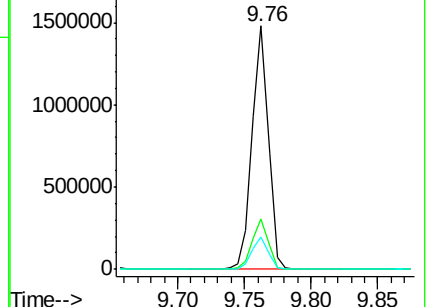
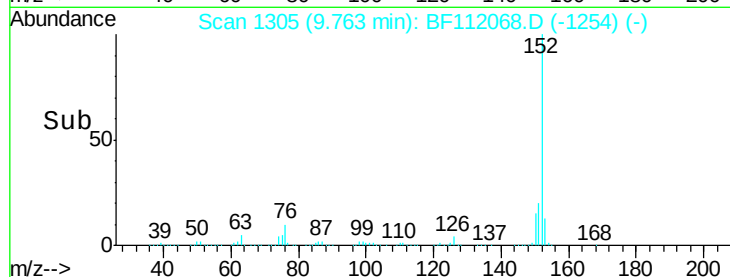
153 13.5 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 25.026 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

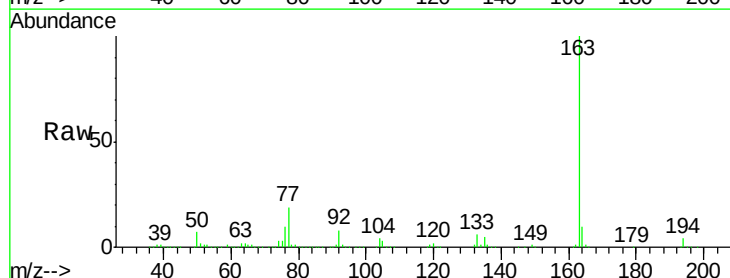
Tgt Ion:163 Resp: 913276

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

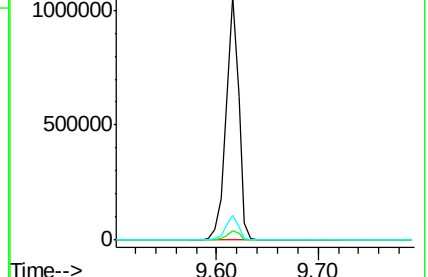
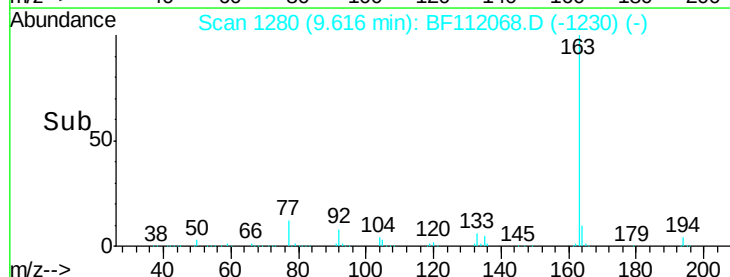
164 10.2 8.5 12.7

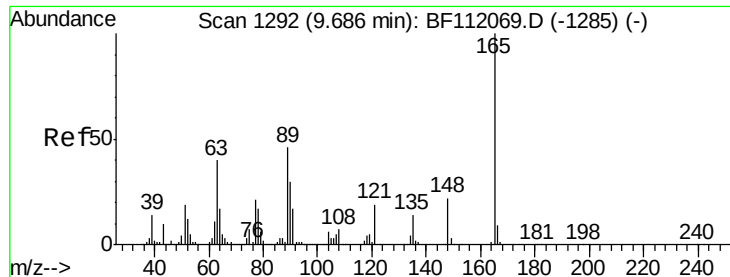


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

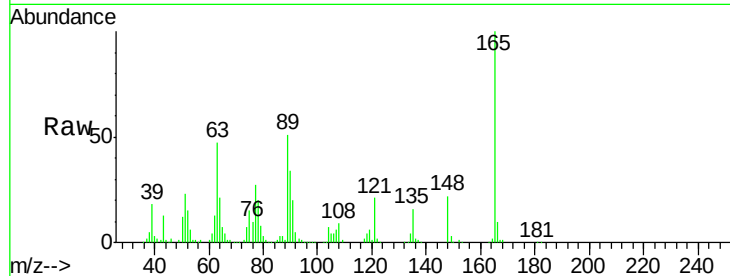




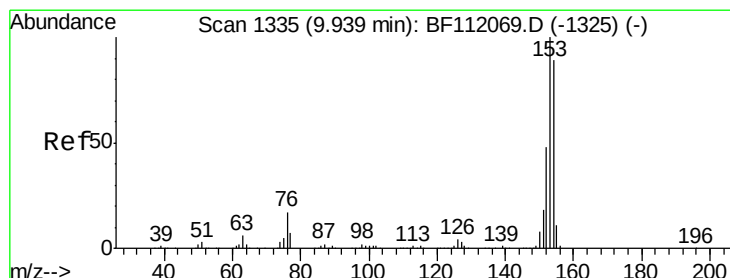
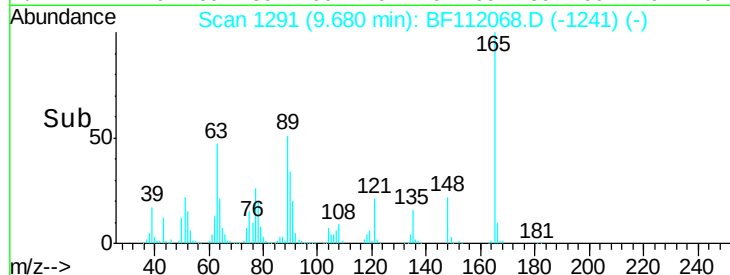
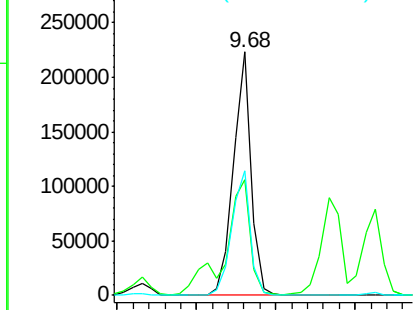
#51
 2,6-Dinitrotoluene
 Concen: 21.352 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion:165 Resp: 174240
 Ion Ratio Lower Upper
 165 100
 63 47.4 33.8 50.8
 89 51.4 36.9 55.3

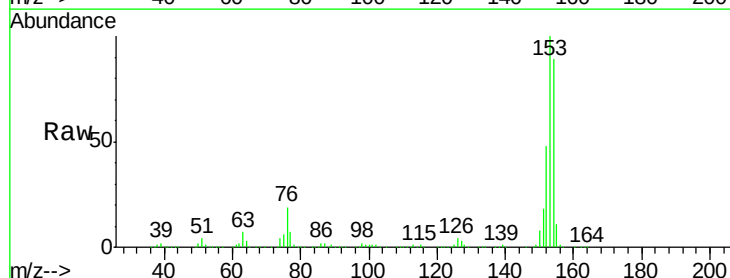


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

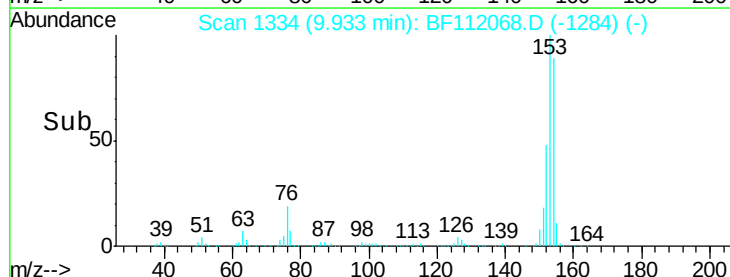
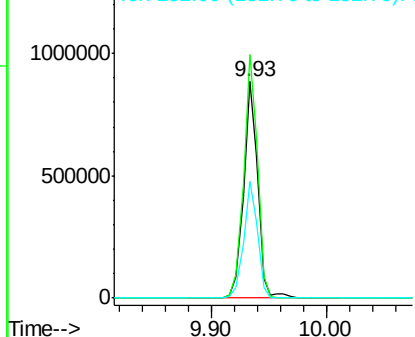


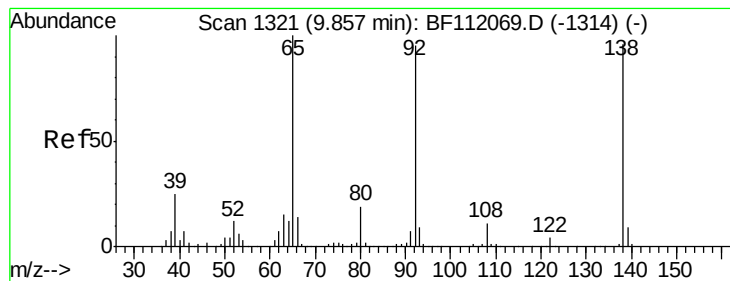
#52
 Acenaphthene
 Concen: 24.708 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Tgt Ion:154 Resp: 751028
 Ion Ratio Lower Upper
 154 100
 153 112.4 89.8 134.6
 152 54.1 43.5 65.3



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





#53

3-Nitroaniline

Concen: 22.685 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

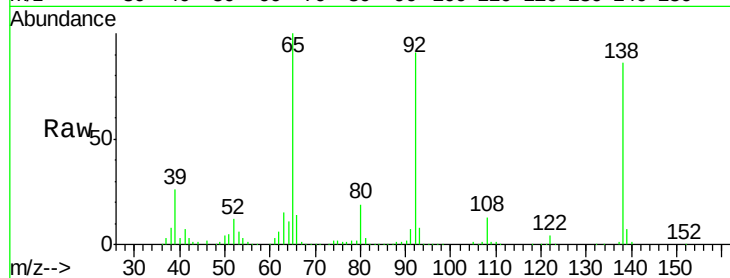
Tgt Ion:138 Resp: 198251

Ion Ratio Lower Upper

138 100

108 15.1 9.8 14.6#

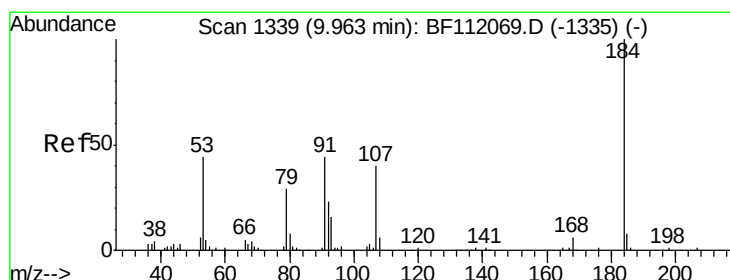
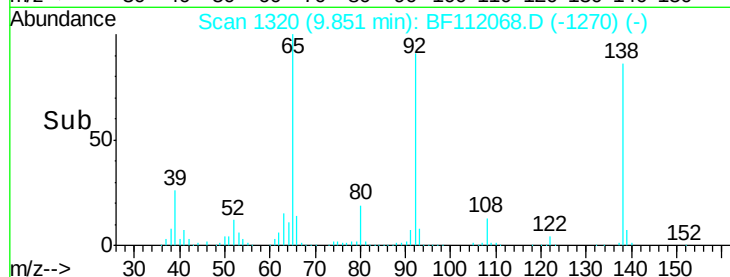
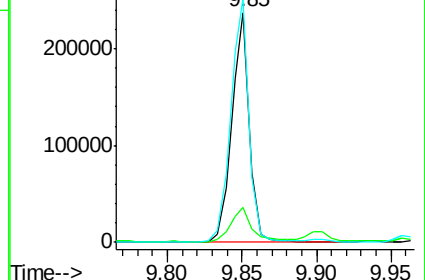
92 106.0 79.4 119.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 7.408 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

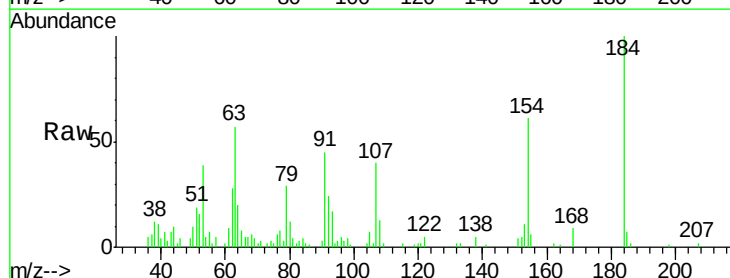
Tgt Ion:184 Resp: 25597

Ion Ratio Lower Upper

184 100

63 57.0 47.1 70.7

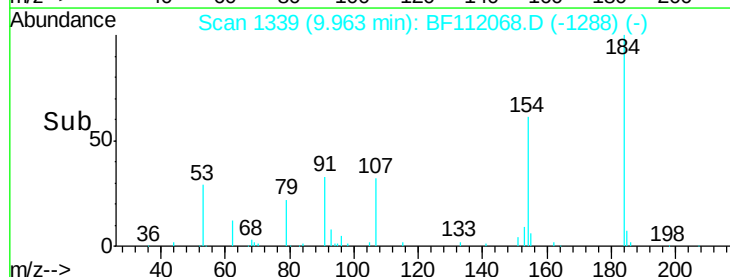
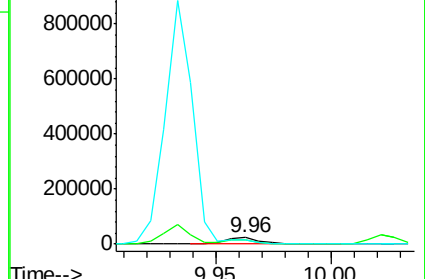
154 61.2 48.9 73.3

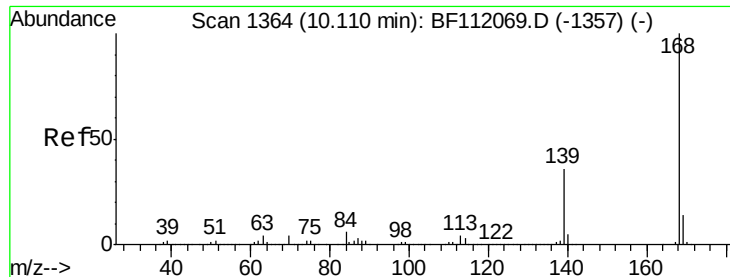


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

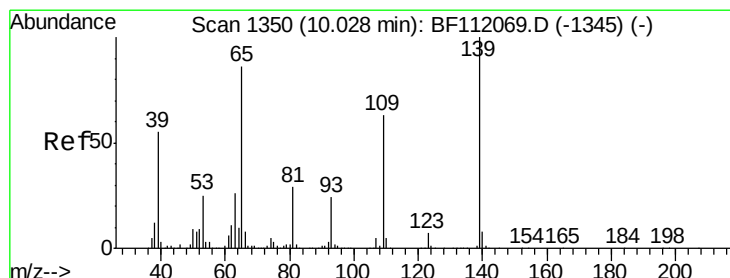
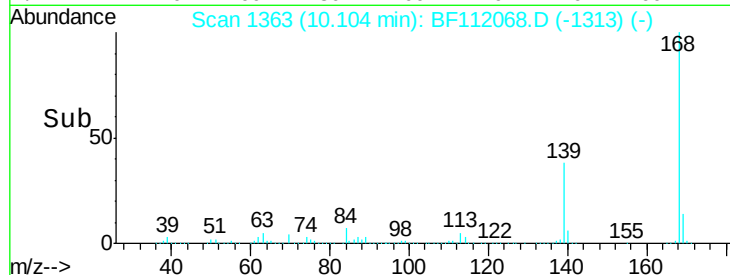
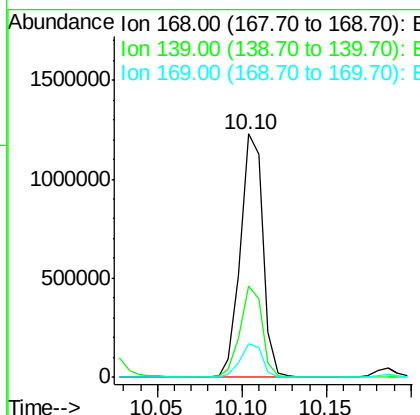
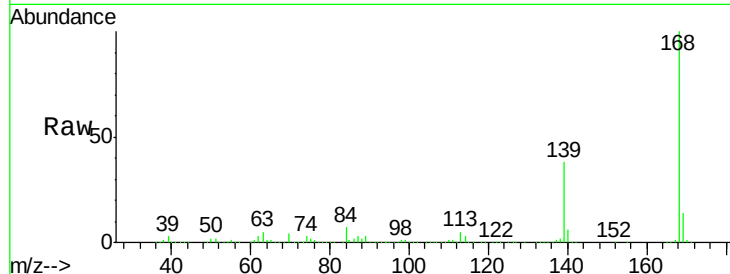




#55
Dibenzenofuran
Concen: 25.806 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

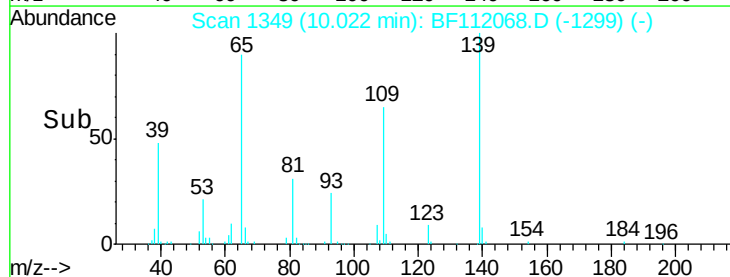
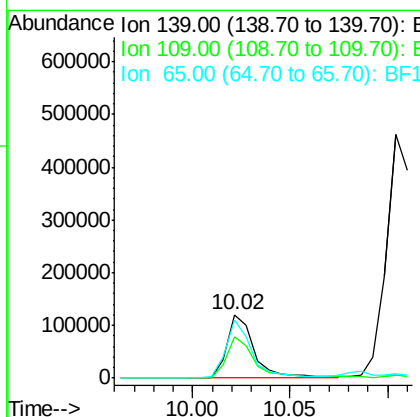
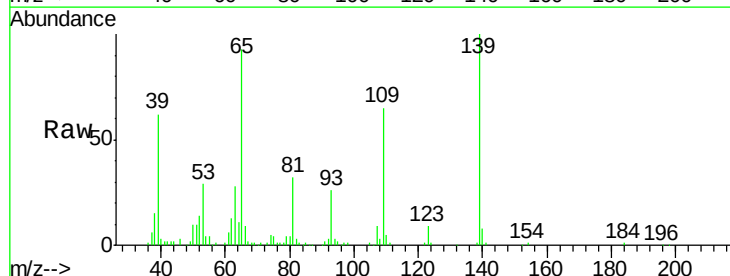
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

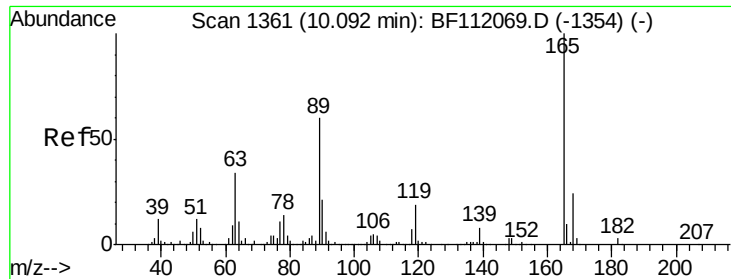
Tgt Ion:168 Resp: 1140772
Ion Ratio Lower Upper
168 100
139 37.6 29.2 43.8
169 13.7 11.4 17.0



#56
4-Nitrophenol
Concen: 18.969 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion:139 Resp: 117134
Ion Ratio Lower Upper
139 100
109 65.5 42.8 82.8
65 92.5 66.1 106.1





#57

2,4-Dinitrotoluene

Concen: 19.106 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:165 Resp: 201466

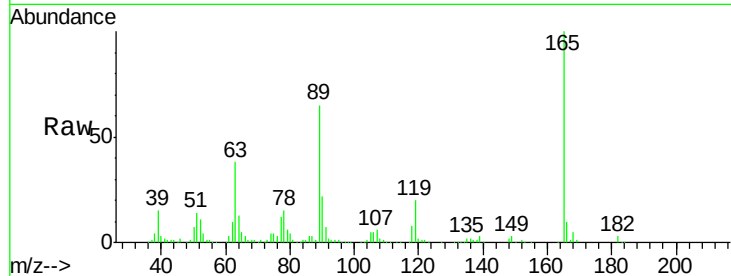
Ion Ratio Lower Upper

165 100

63 37.9 27.9 41.9

89 65.2 47.9 71.9

182 2.8 2.2 3.4

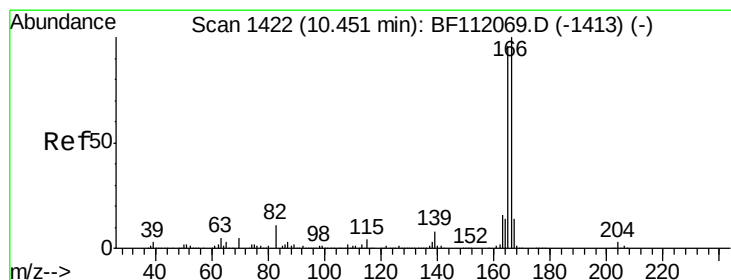
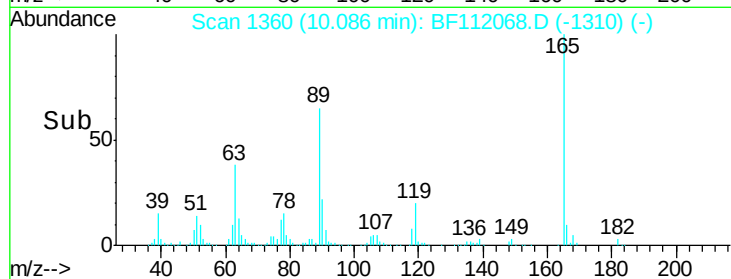
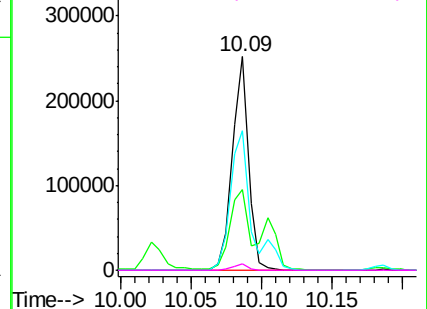


Abundance Ion 165.00 (164.70 to 165.70): E

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: 26.527 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

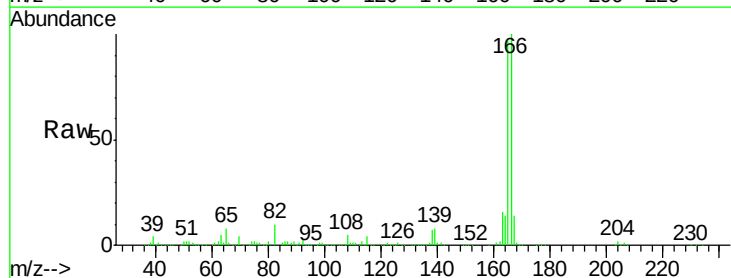
Tgt Ion:166 Resp: 853278

Ion Ratio Lower Upper

166 100

165 97.4 77.1 115.7

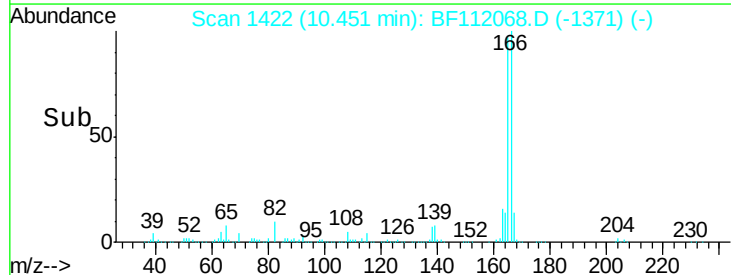
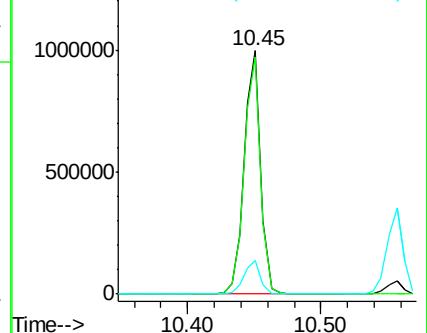
167 13.7 11.3 16.9

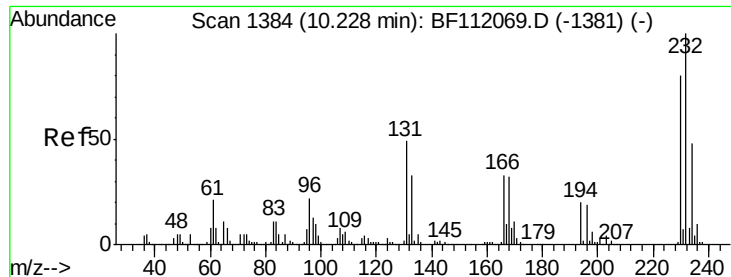


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

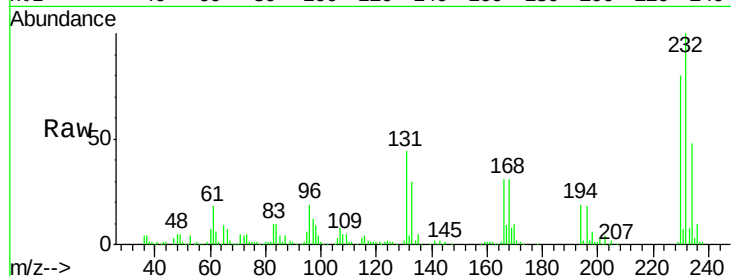




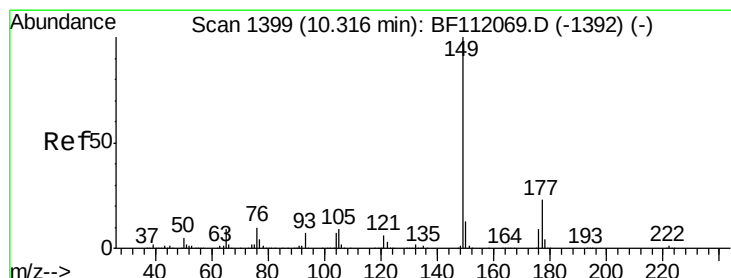
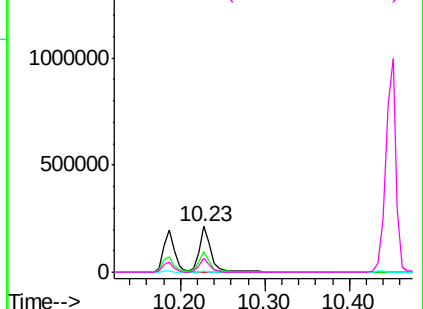
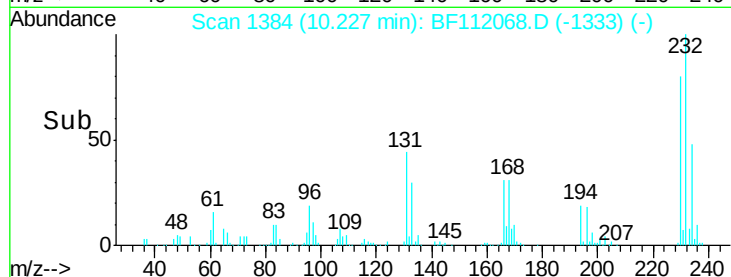
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 21.609 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion:	232	Resp:	200376
Ion	Ratio	Lower	Upper
232	100		
131	41.6	33.9	50.9
130	2.2	1.8	2.6
166	28.1	23.6	35.4

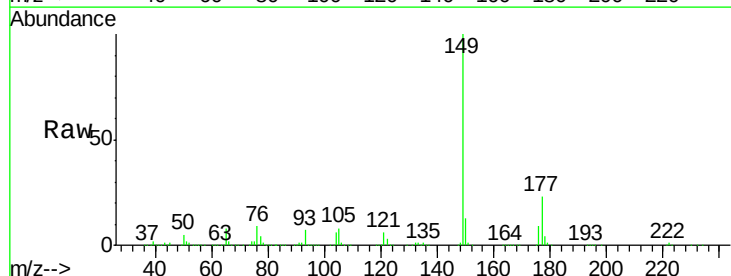


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

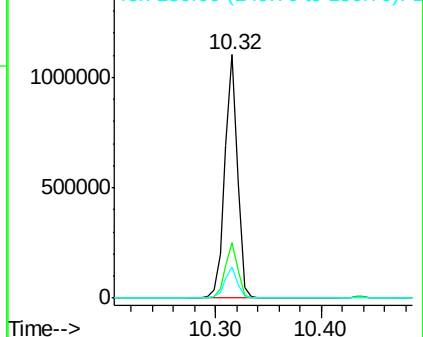
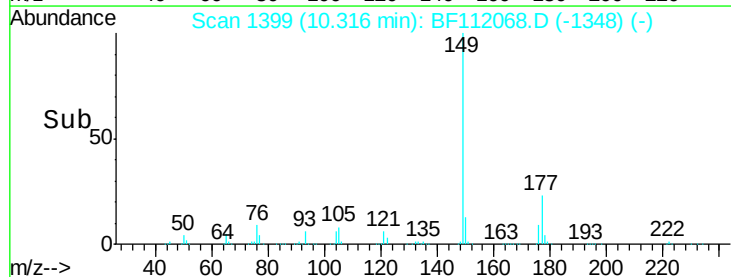


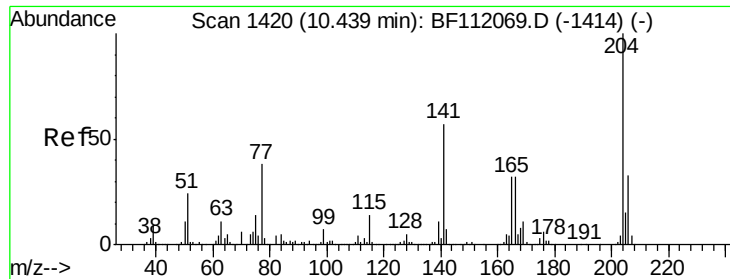
#60
 Diethylphthalate
 Concen: 26.139 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Tgt Ion:	149	Resp:	923112
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.2
150	12.6	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

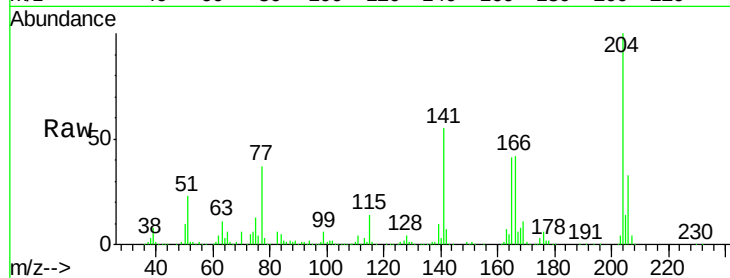




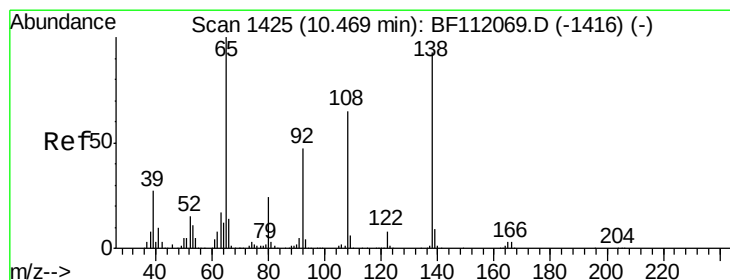
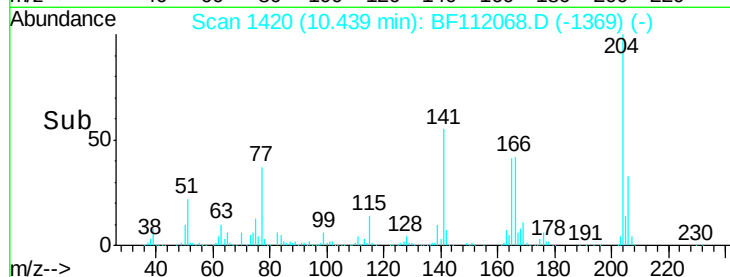
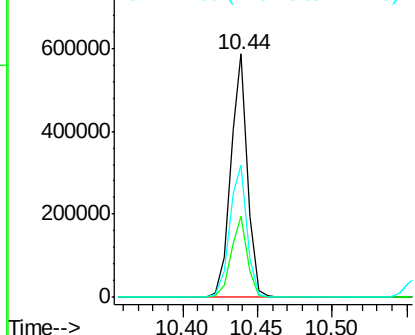
#61
4-Chlorophenyl-phenylether
Concen: 25.771 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion: 204 Resp: 464851
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 54.5 45.9 68.9

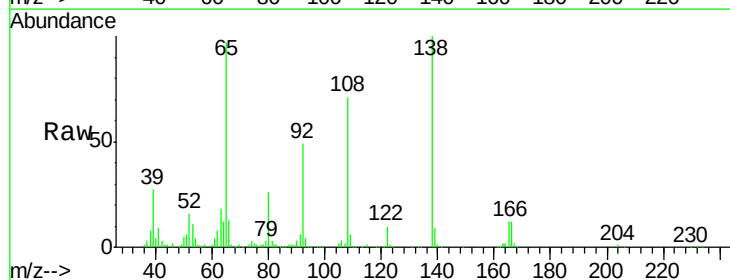


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

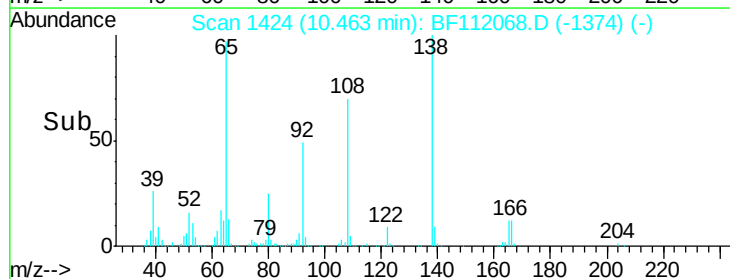
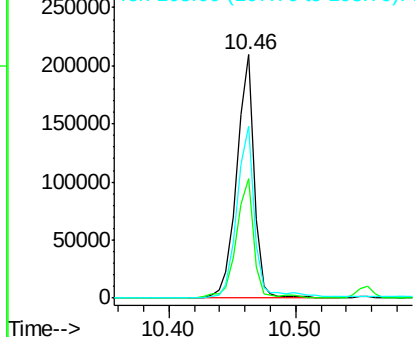


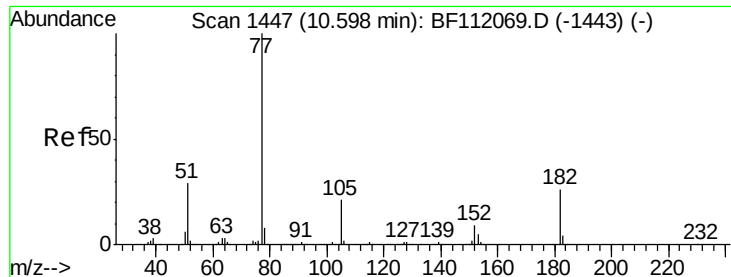
#62
4-Nitroaniline
Concen: 23.943 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion: 138 Resp: 198465
Ion Ratio Lower Upper
138 100
92 49.1 30.6 70.6
108 70.7 50.0 90.0



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





#63

Azobenzene

Concen: 25.809 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion: 77 Resp: 870694

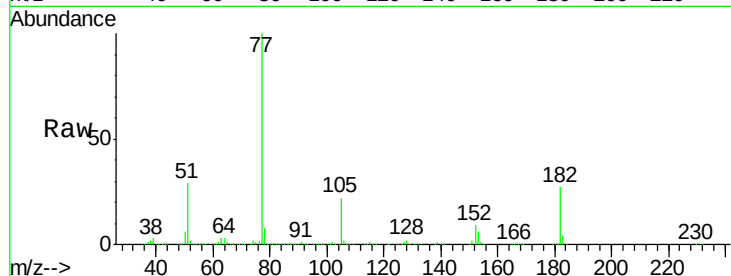
Ion Ratio Lower Upper

77 100

182 27.4 5.7 45.7

105 21.7 1.4 41.4

51 28.9 9.5 49.5

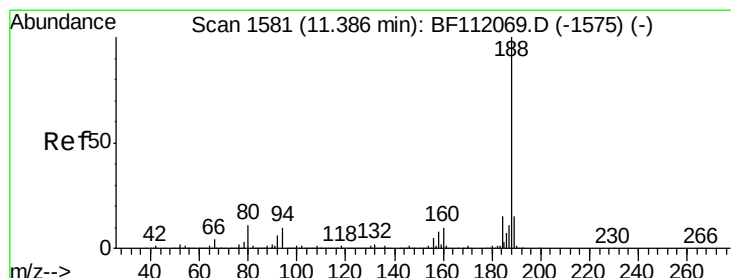
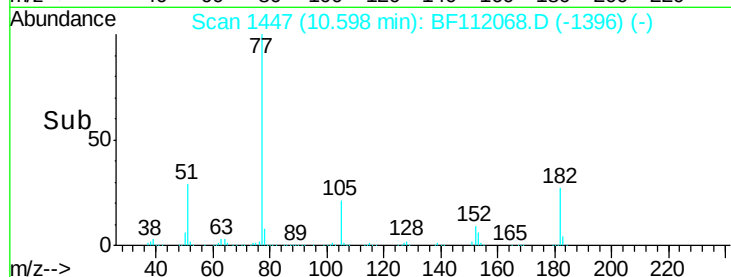
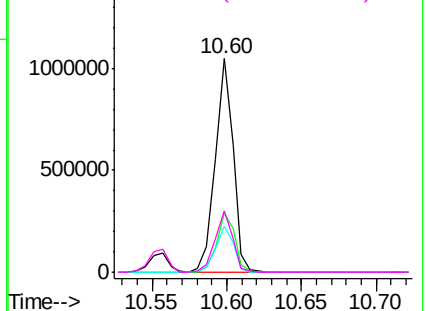


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF112068.D

Acq: 16 Jan 2019 15:46

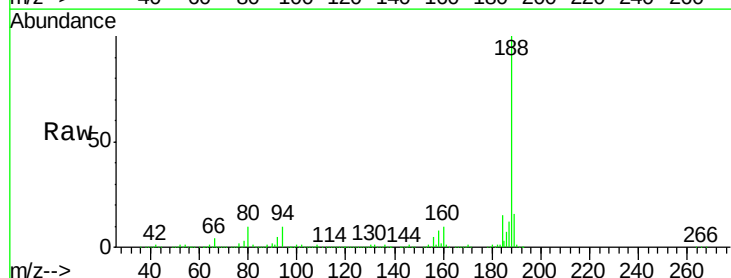
Tgt Ion: 188 Resp: 949229

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

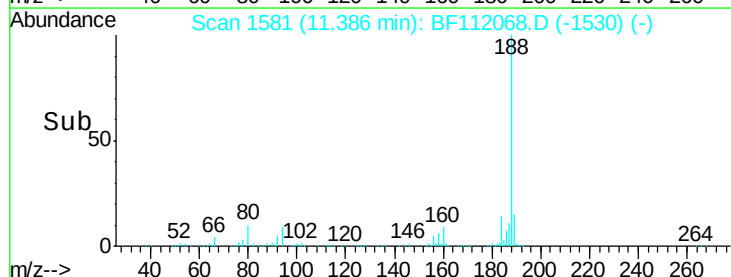
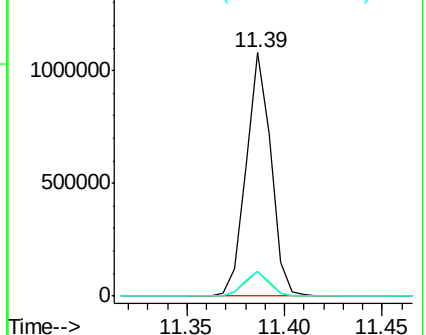
80 10.1 8.9 13.3

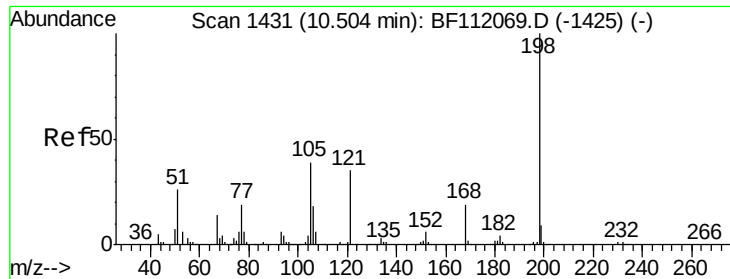


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 11.196 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

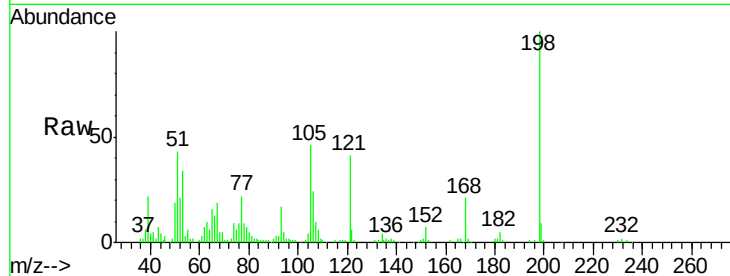
Tgt Ion:198 Resp: 65578

Ion Ratio Lower Upper

198 100

51 42.8 17.2 57.2

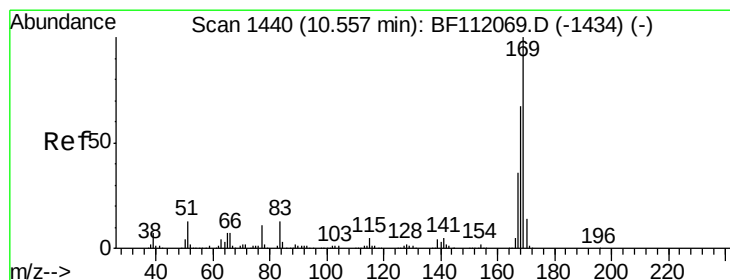
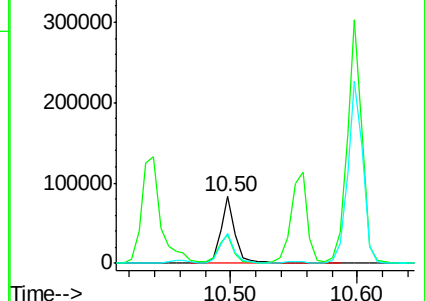
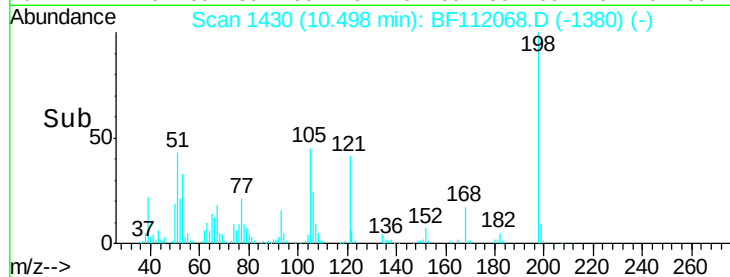
105 45.6 21.9 61.9



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: 25.650 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

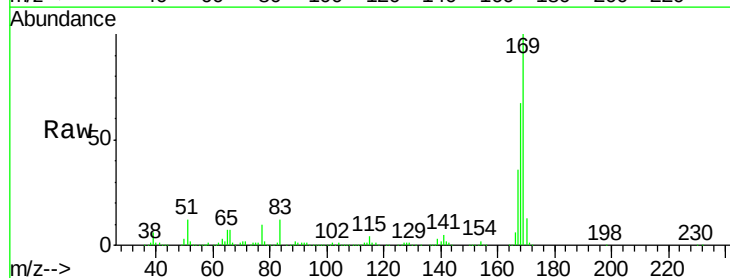
Tgt Ion:169 Resp: 817041

Ion Ratio Lower Upper

169 100

168 67.3 53.9 80.9

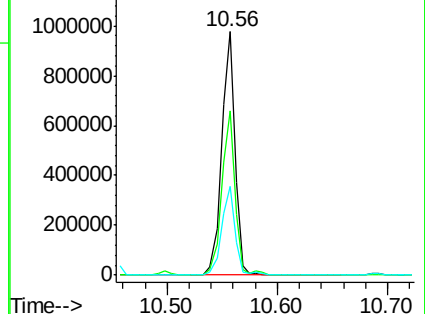
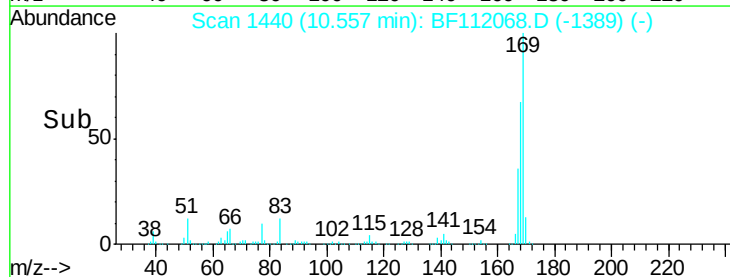
167 36.4 28.9 43.3

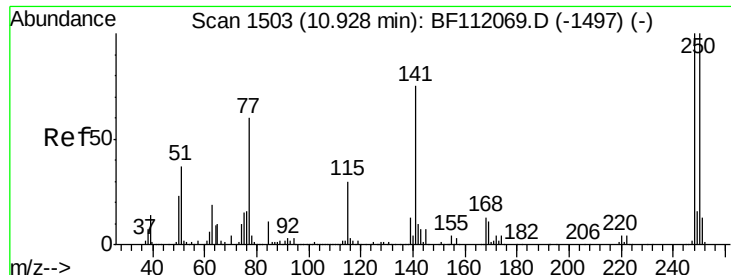


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

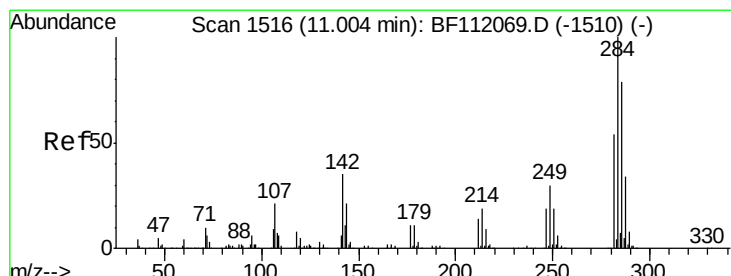
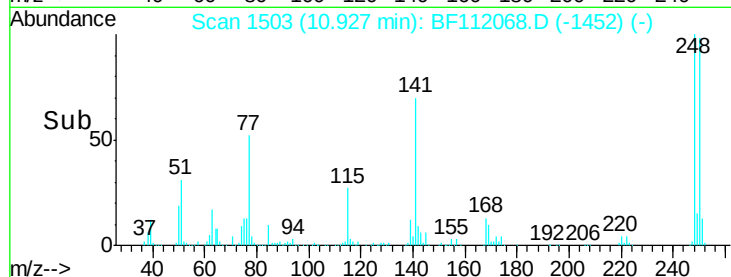
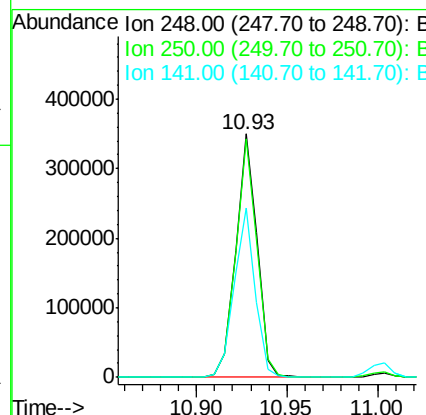
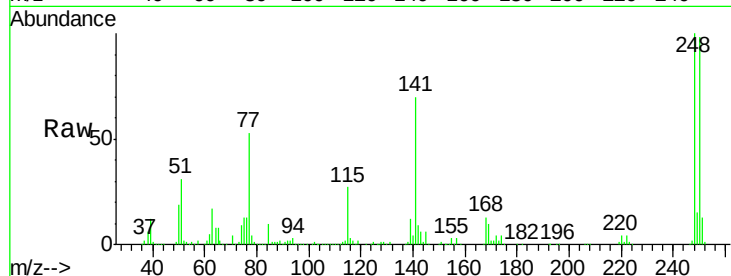




#67
 4-Bromophenyl-phenylether
 Concen: 23.283 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

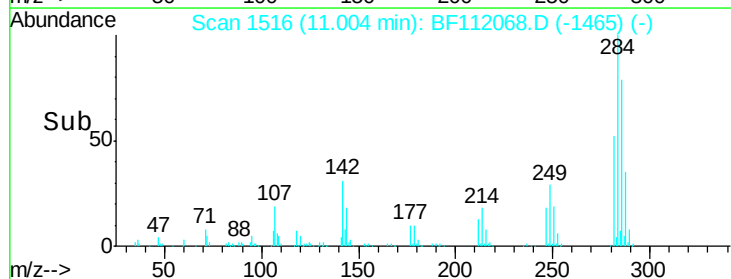
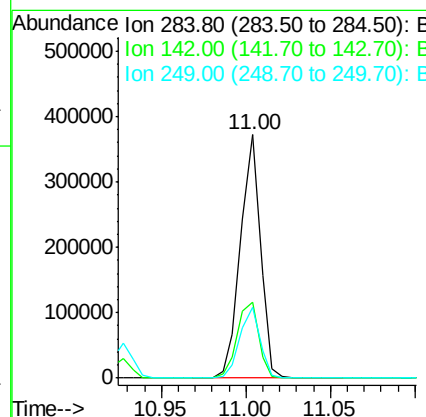
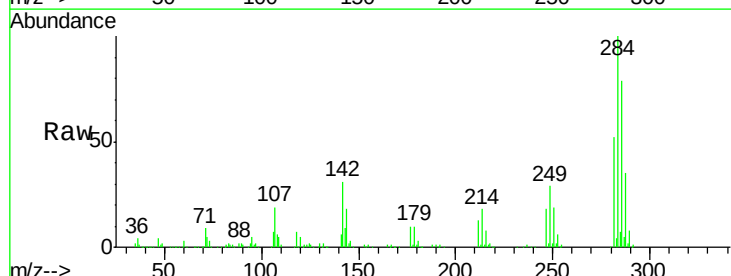
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

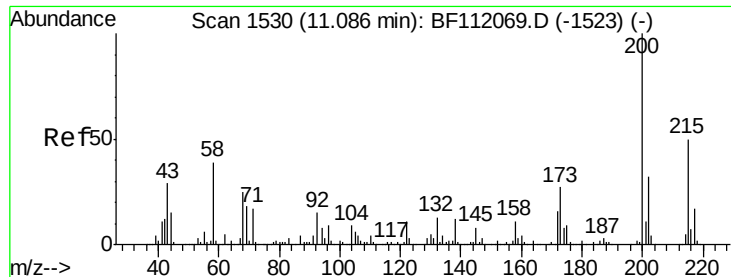
Tgt Ion:248 Resp: 286251
 Ion Ratio Lower Upper
 248 100
 250 98.0 79.7 119.5
 141 69.6 60.3 90.5



#68
 Hexachlorobenzene
 Concen: 22.534 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Tgt Ion:284 Resp: 307041
 Ion Ratio Lower Upper
 284 100
 142 31.1 27.6 41.4
 249 29.3 24.1 36.1





#69

Atrazine

Concen: 23.835 ng

RT: 11.08 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

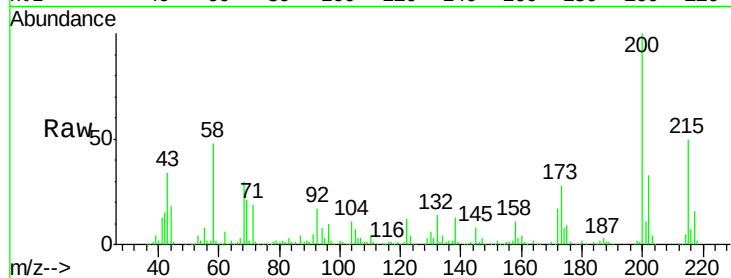
Tgt Ion:200 Resp: 266753

Ion Ratio Lower Upper

200 100

173 28.3 7.1 47.1

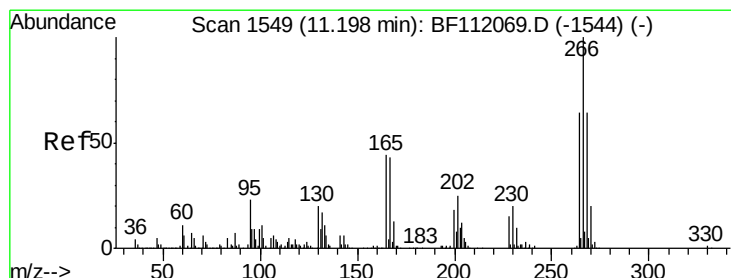
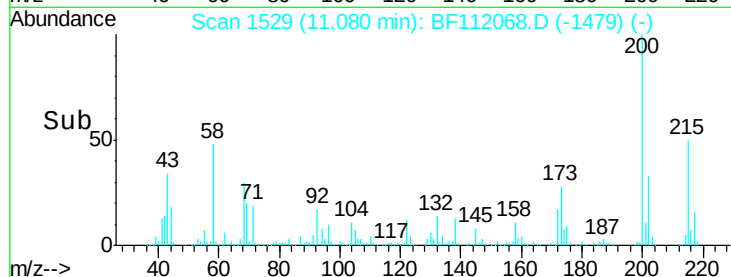
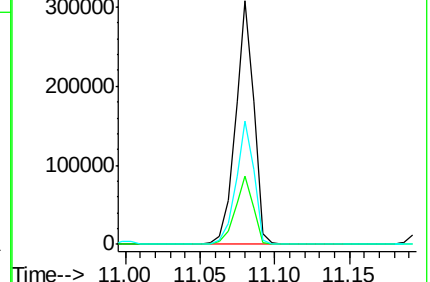
215 50.5 30.4 70.4



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: 14.226 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

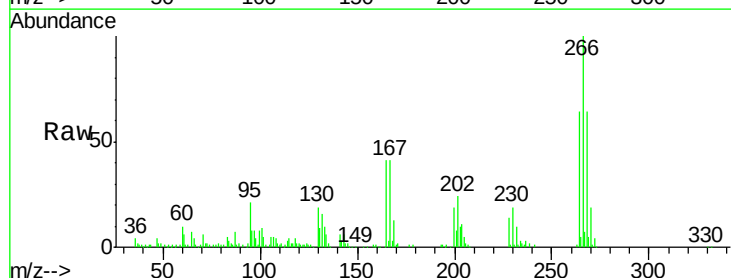
Tgt Ion:266 Resp: 110304

Ion Ratio Lower Upper

266 100

268 64.4 51.2 76.8

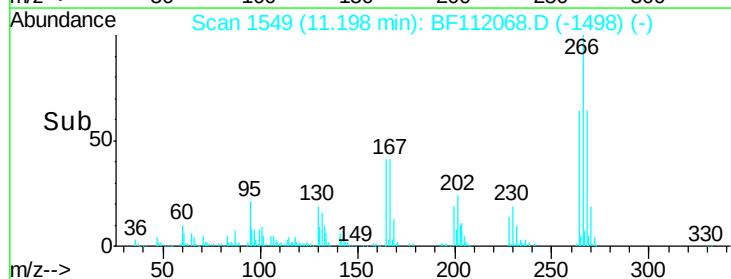
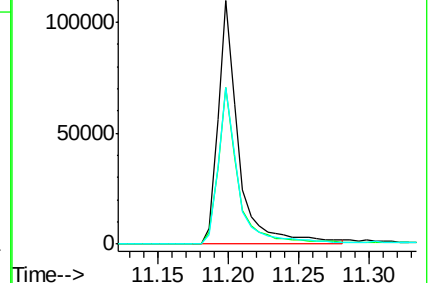
264 64.3 50.9 76.3

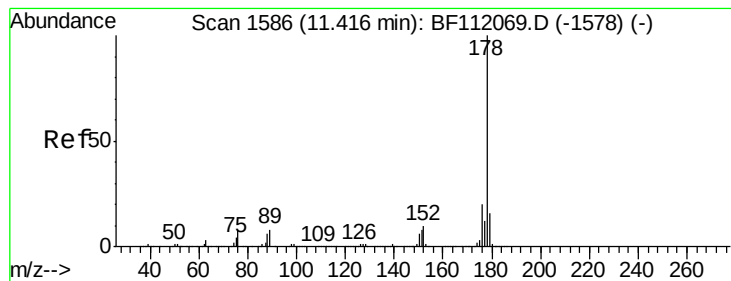


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 24.837 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

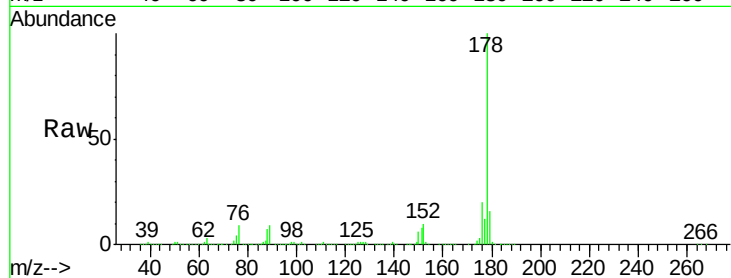
Tgt Ion:178 Resp: 1260487

Ion Ratio Lower Upper

178 100

176 19.5 16.3 24.5

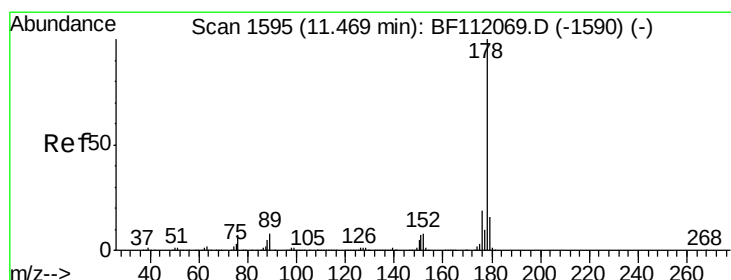
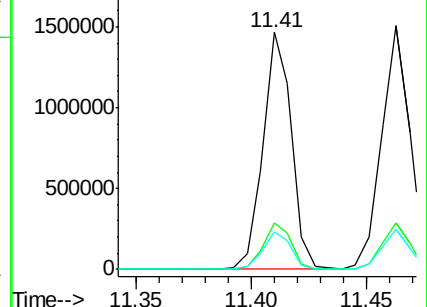
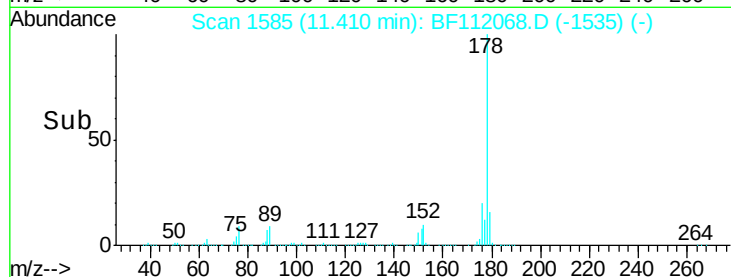
179 15.9 13.0 19.4



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: 24.923 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

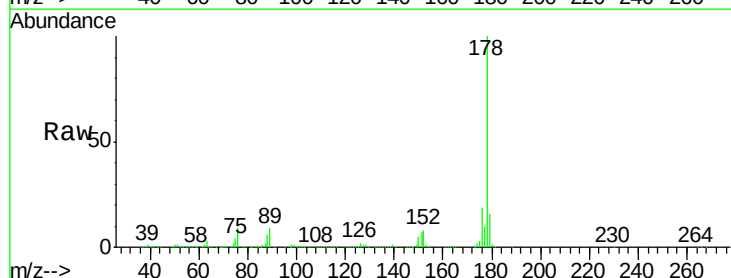
Tgt Ion:178 Resp: 1284012

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

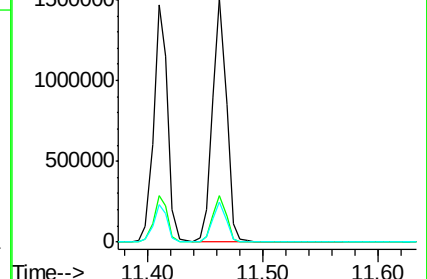
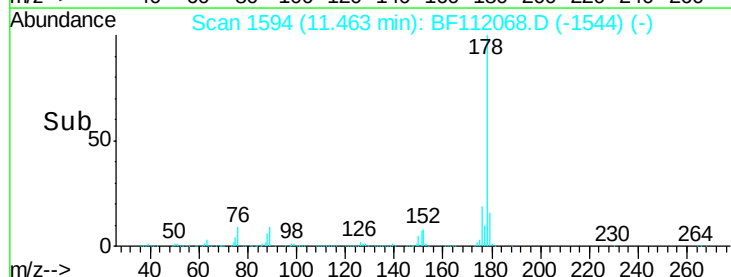
179 16.2 12.8 19.2

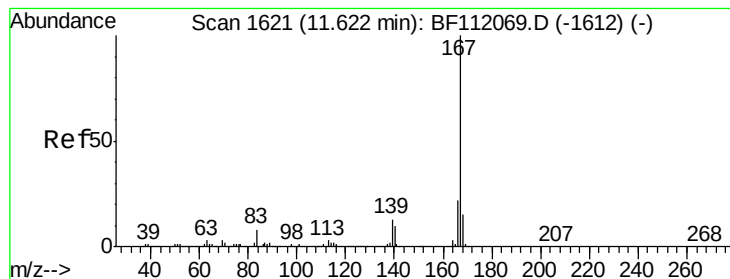


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 25.845 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

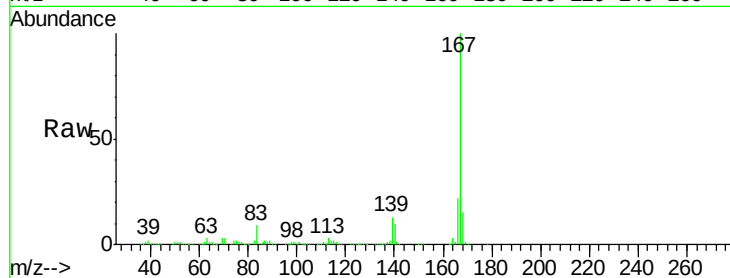
Tgt Ion:167 Resp: 1295164

Ion Ratio Lower Upper

167 100

166 21.9 17.9 26.9

139 13.2 10.2 15.2



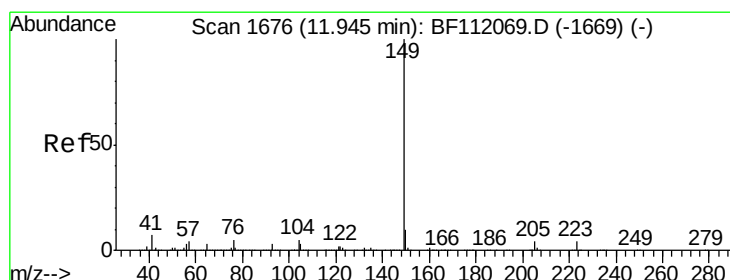
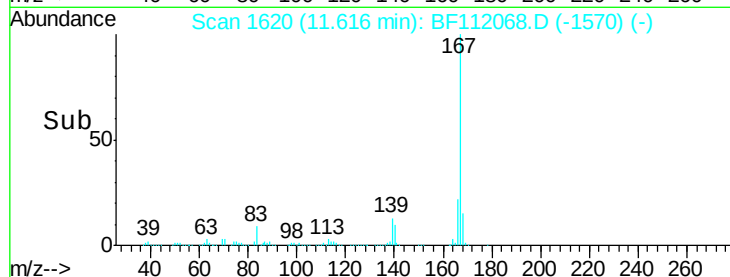
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.62

Time-->



#74

Di-n-butylphthalate

Concen: 25.237 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

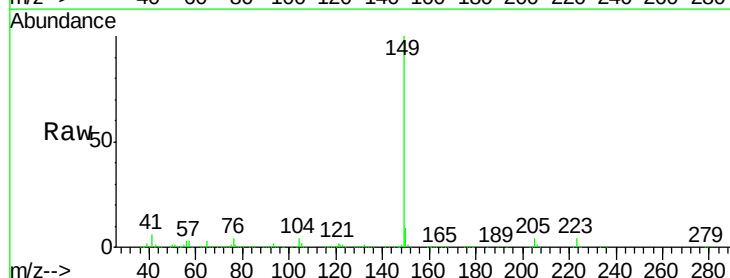
Tgt Ion:149 Resp: 1469021

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

104 4.3 3.9 5.9



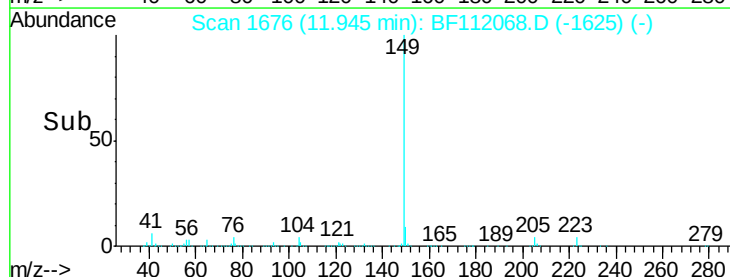
Abundance Ion 149.00 (148.70 to 149.70): E

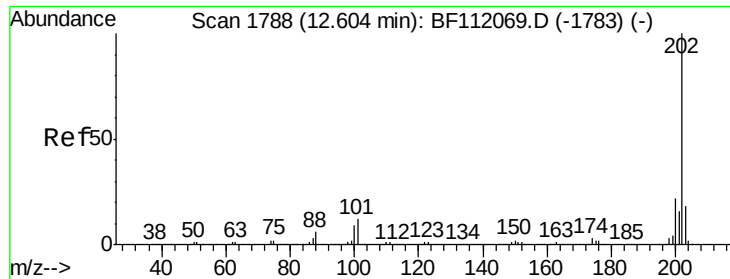
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.94

Time-->

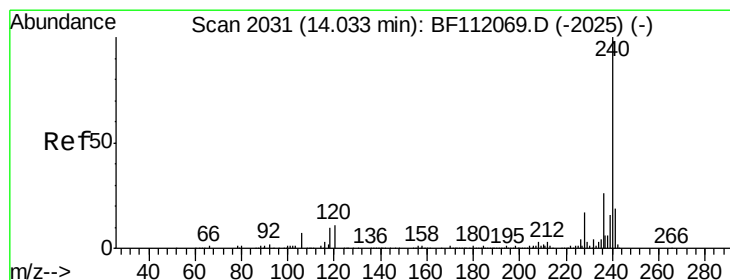
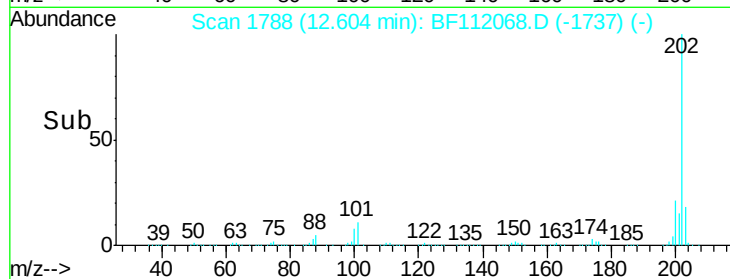
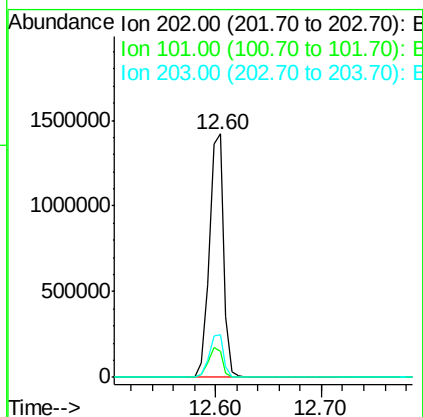
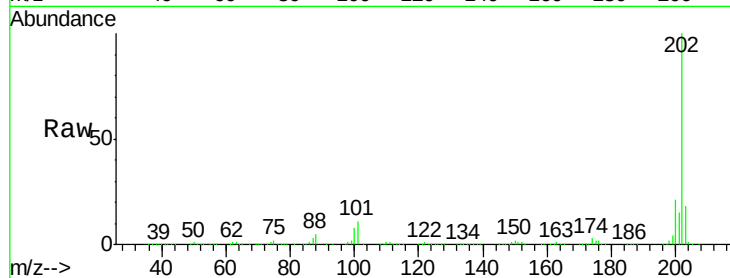




#75
 Fluoranthene
 Concen: 25.933 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

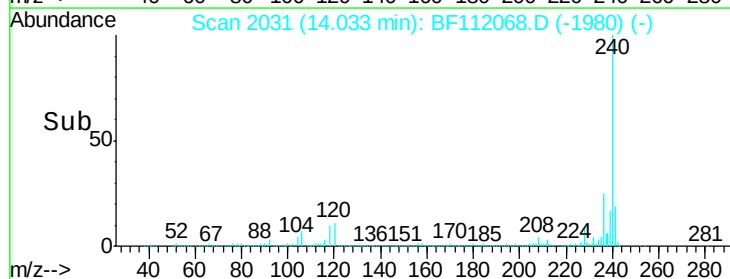
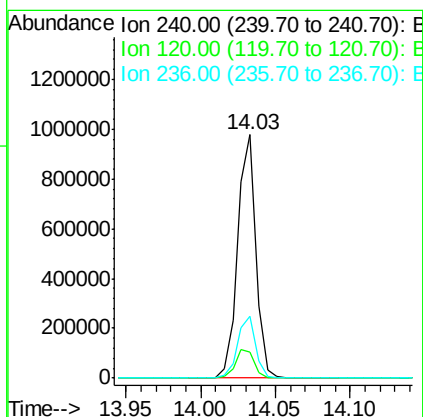
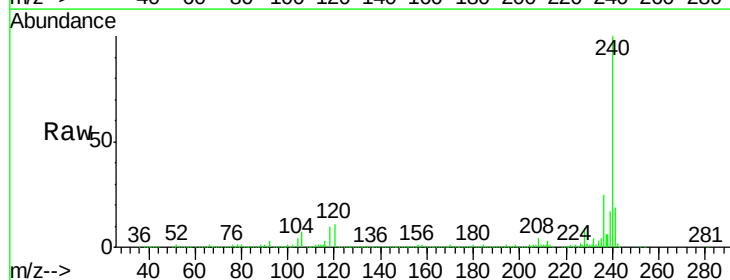
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

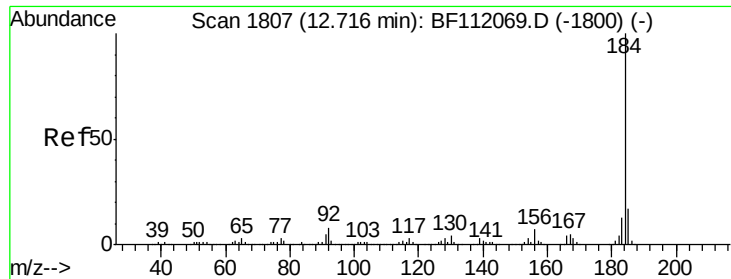
Tgt Ion: 202 Resp: 1351086
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 31.8
 203 17.8 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Tgt Ion: 240 Resp: 838981
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.0 13.6
 236 25.3 20.7 31.1





#77

Benzidine

Concen: 28.319 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

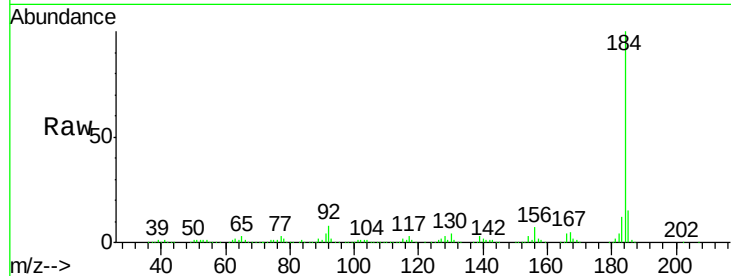
Tgt Ion:184 Resp: 709930

Ion Ratio Lower Upper

184 100

185 15.2 13.9 20.9

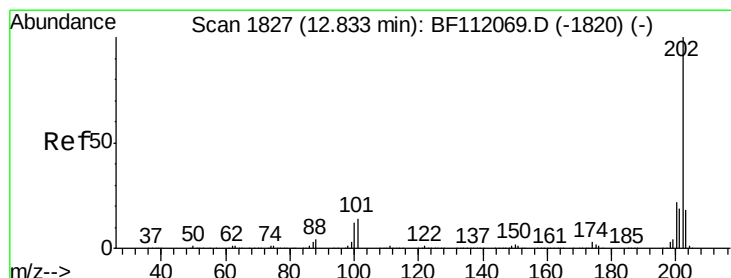
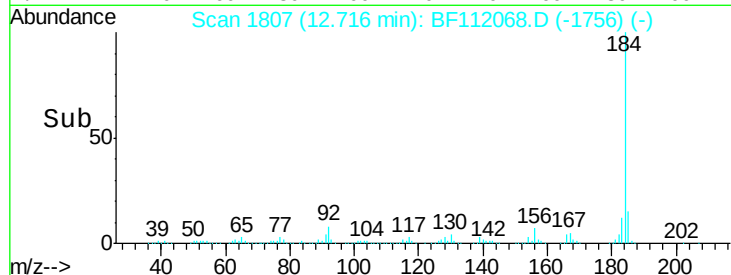
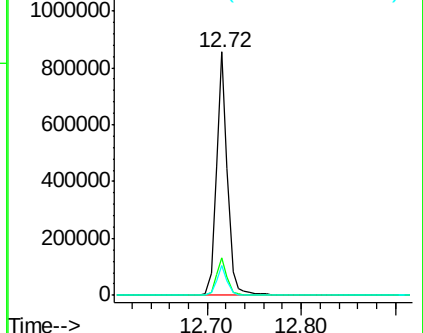
183 12.2 10.0 15.0



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: 24.381 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

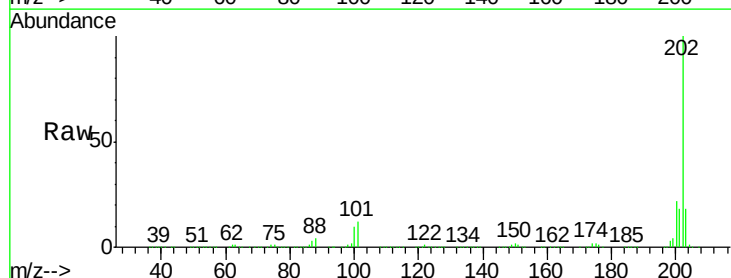
Tgt Ion:202 Resp: 1407475

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

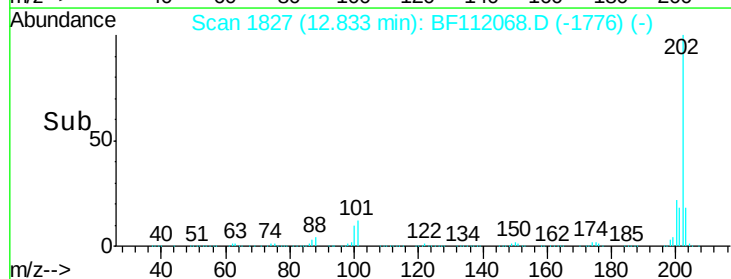
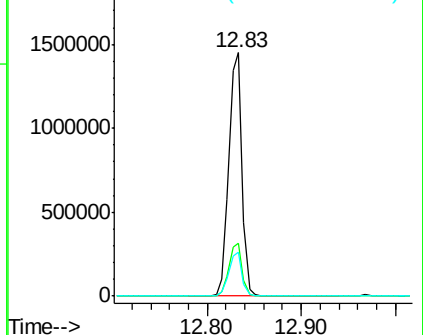
203 17.9 14.6 22.0

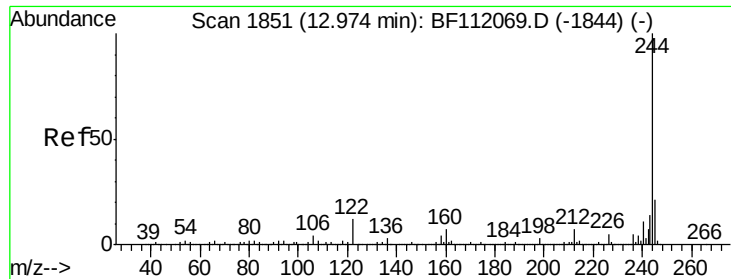


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 46.592 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

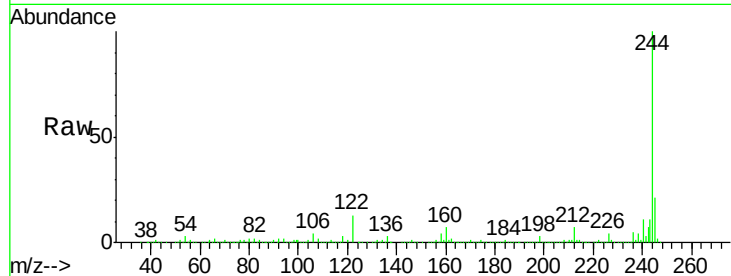
Tgt Ion:244 Resp: 2059285

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

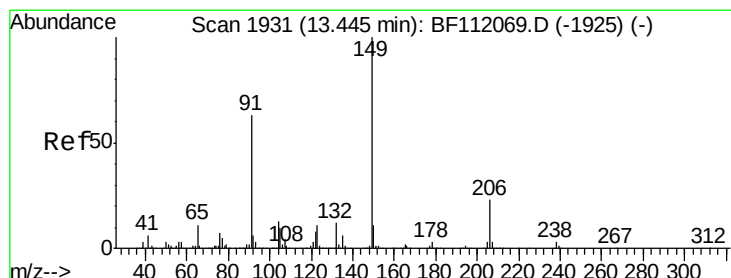
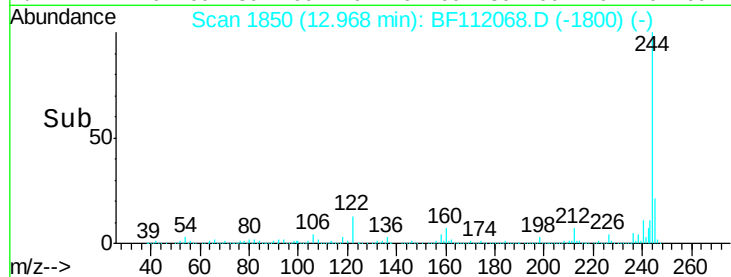
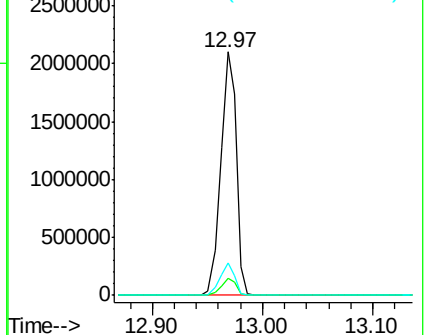
122 13.1 9.8 14.6



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: 25.837 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

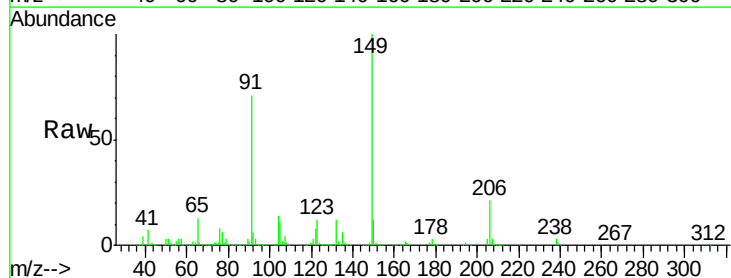
Tgt Ion:149 Resp: 630561

Ion Ratio Lower Upper

149 100

91 70.6 50.3 75.5

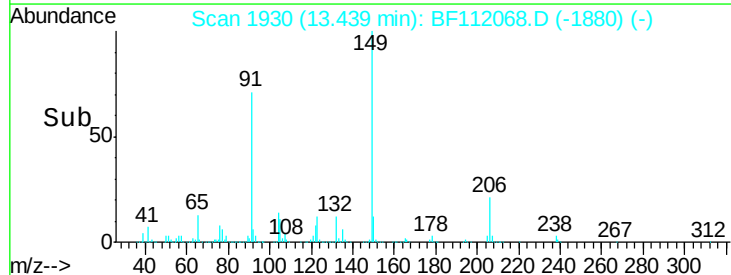
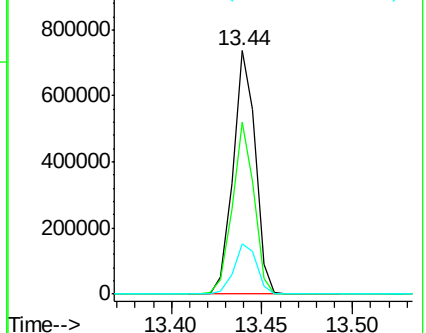
206 20.7 18.2 27.4

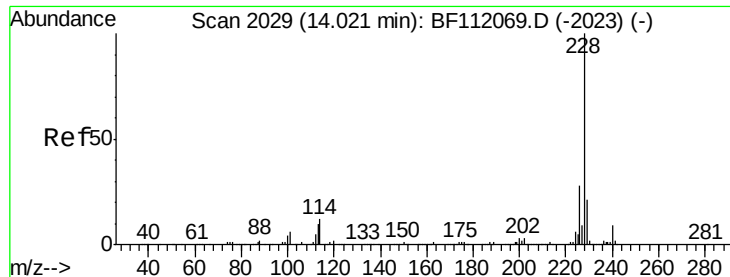


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 26.010 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

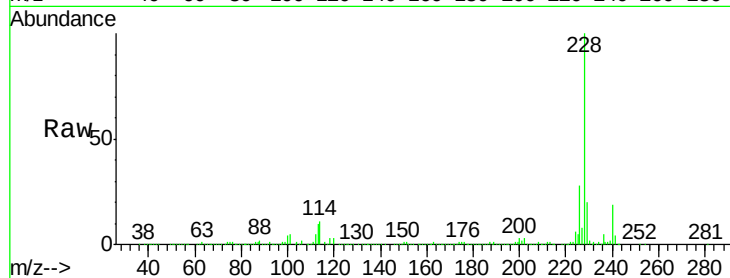
Tgt Ion:228 Resp: 1255888

Ion Ratio Lower Upper

228 100

226 28.0 22.6 34.0

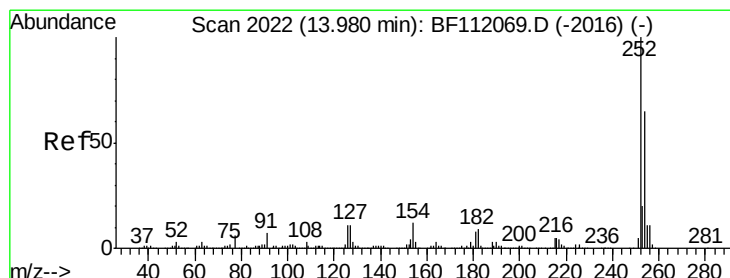
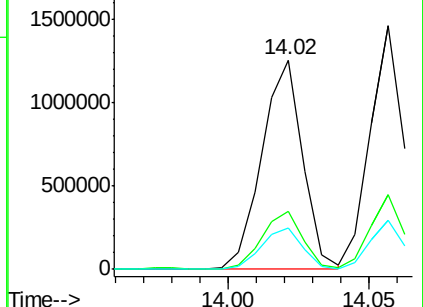
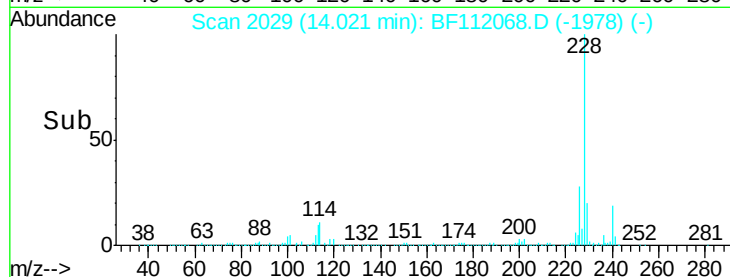
229 19.7 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.037 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

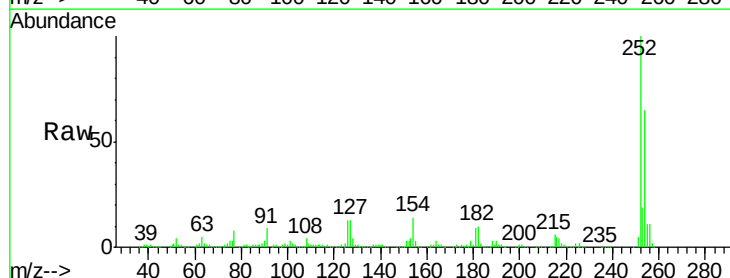
Tgt Ion:252 Resp: 499777

Ion Ratio Lower Upper

252 100

254 65.3 51.6 77.4

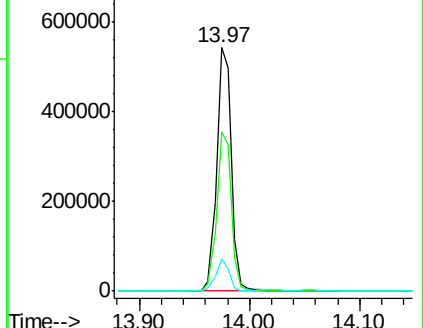
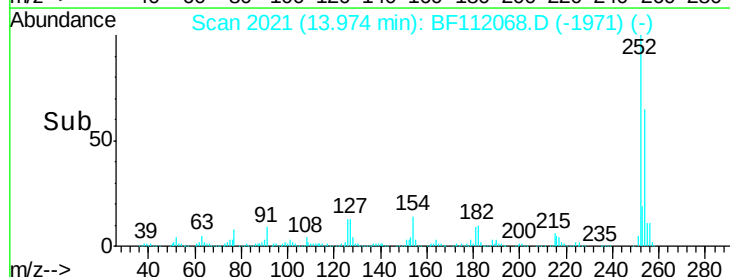
126 13.2 8.6 12.8#

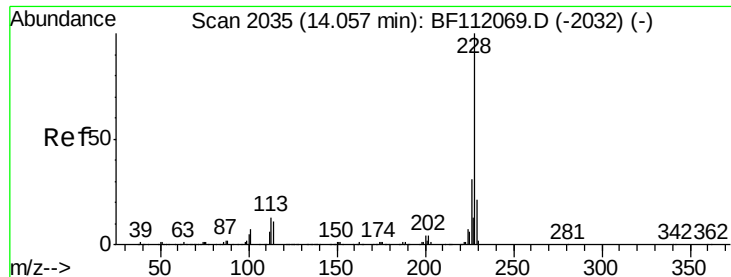


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 25.748 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

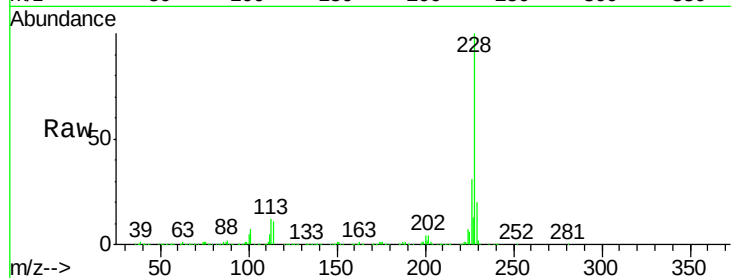
Tgt Ion:228 Resp: 1185398

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

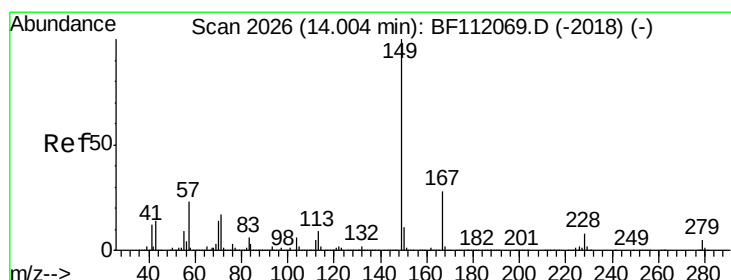
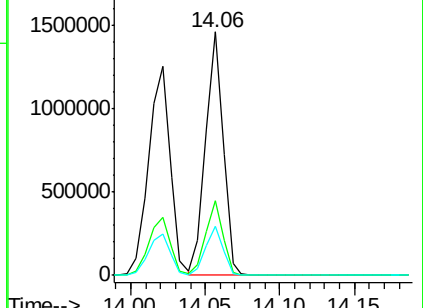
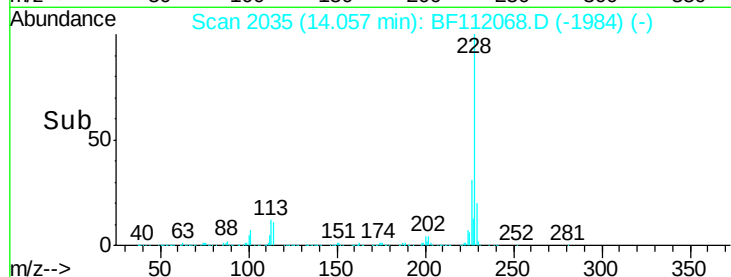
229 20.1 16.6 24.8



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: 28.325 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

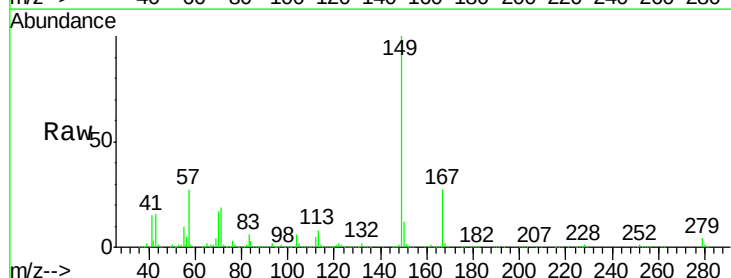
Tgt Ion:149 Resp: 907845

Ion Ratio Lower Upper

149 100

167 27.2 22.5 33.7

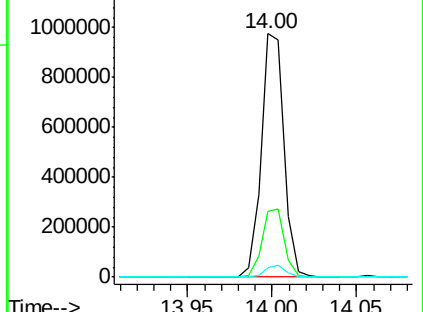
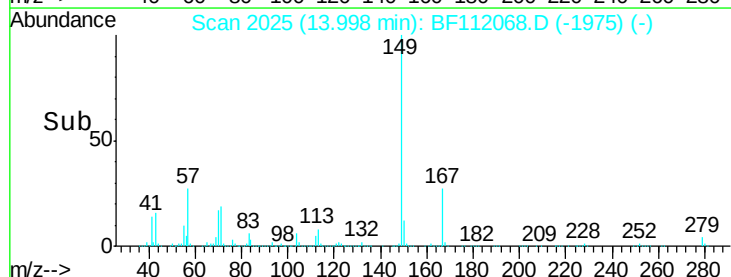
279 3.8 3.8 5.6#

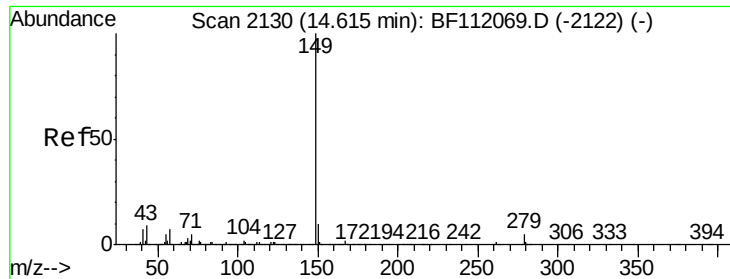


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 31.516 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

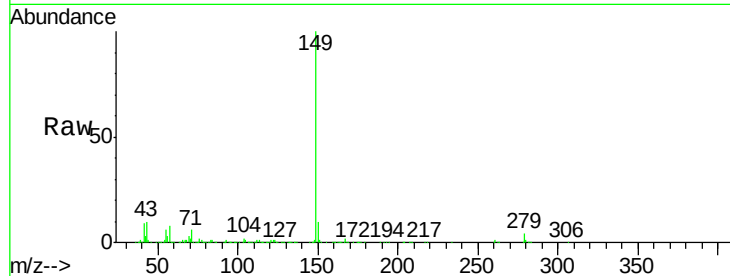
Tgt Ion:149 Resp: 1445572

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

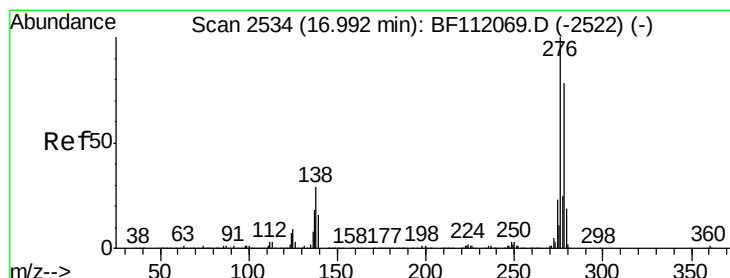
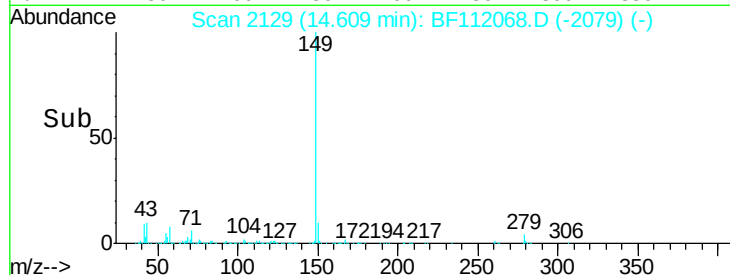
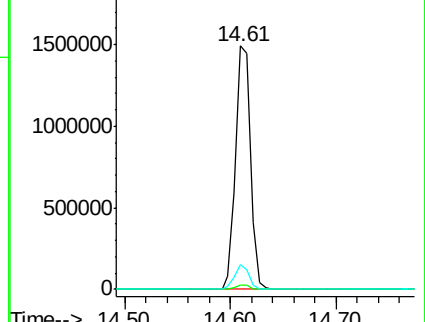
43 9.8 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.563 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

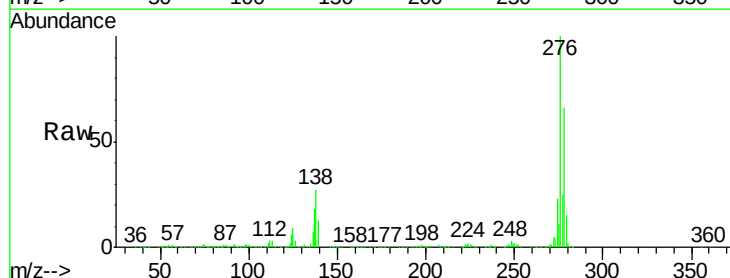
Tgt Ion:276 Resp: 1025801

Ion Ratio Lower Upper

276 100

138 28.1 22.6 34.0

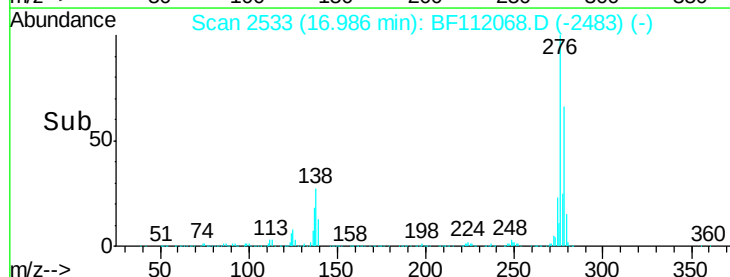
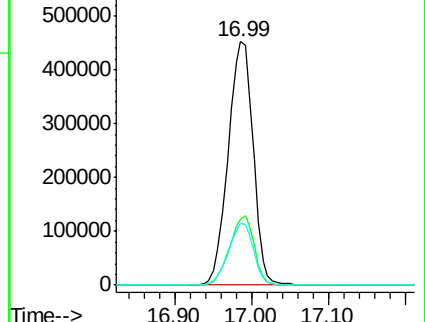
277 25.4 20.3 30.5

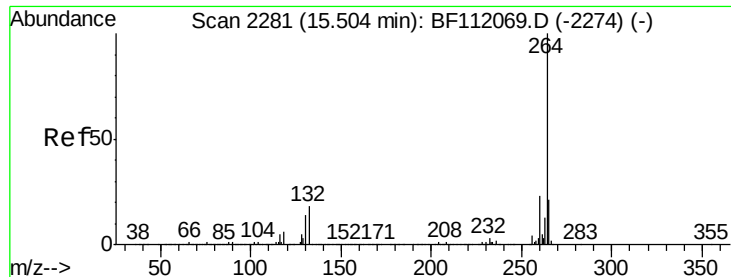


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

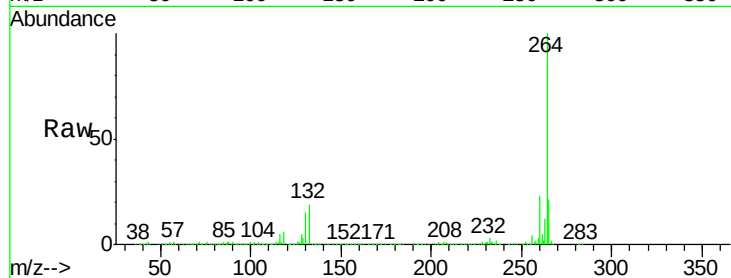
Tgt Ion:264 Resp: 770086

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

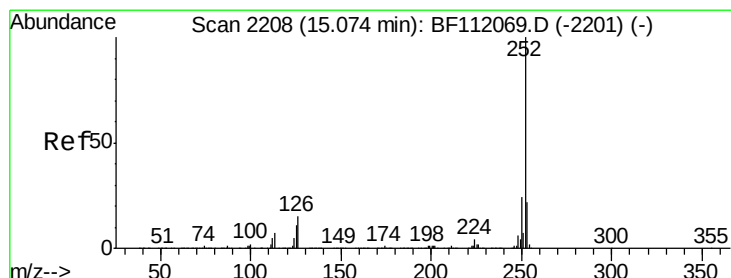
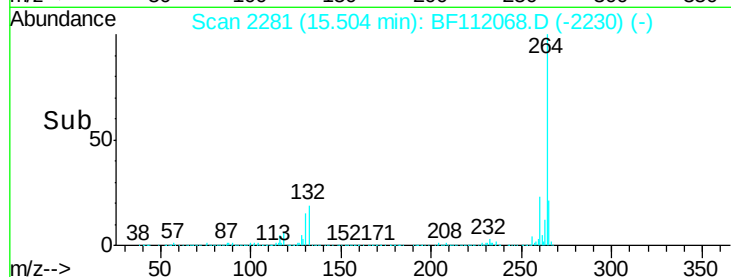
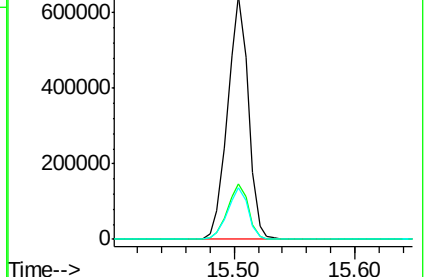
265 21.3 17.0 25.4



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: 24.674 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

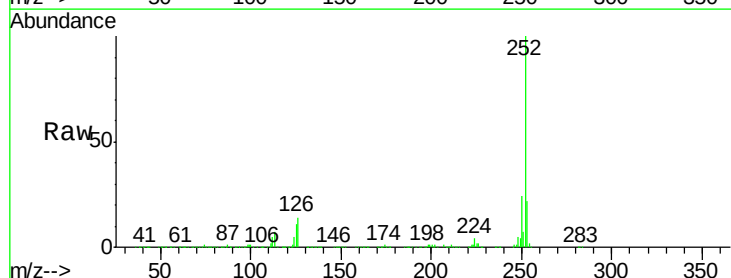
Tgt Ion:252 Resp: 1136648

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

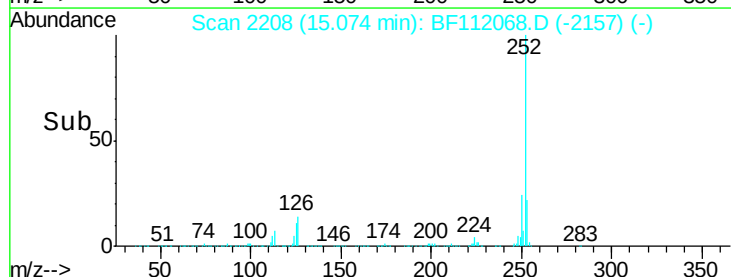
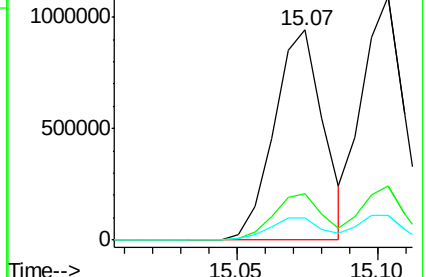
125 10.6 8.7 13.1

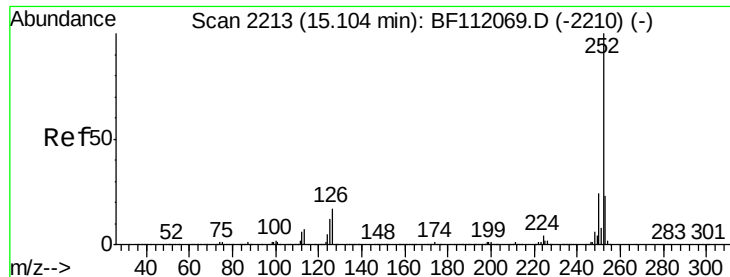


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

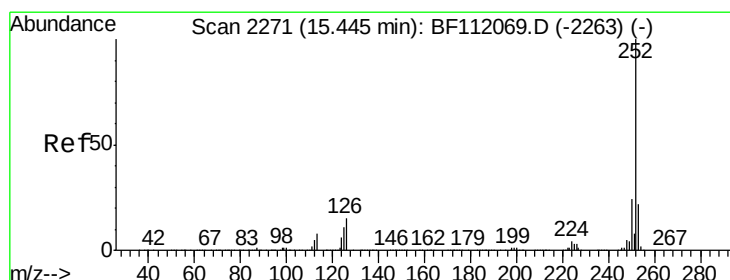
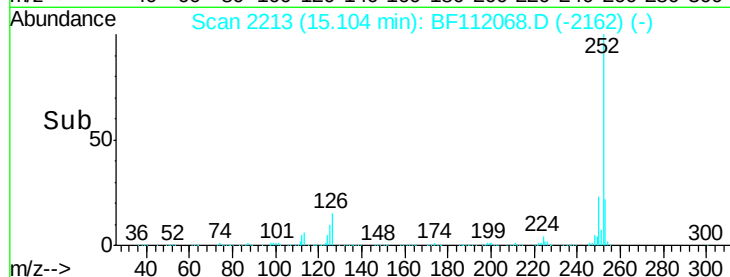
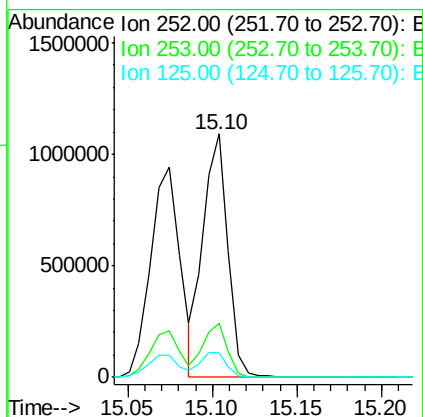
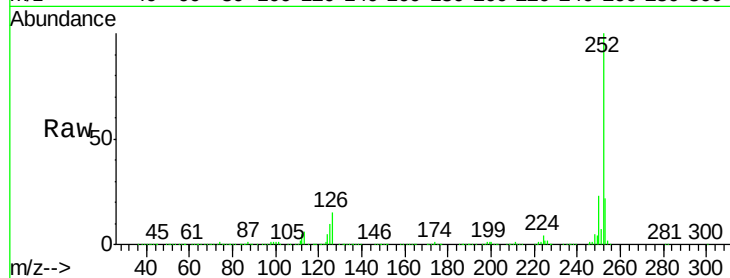




#89
Benzo(k)fluoranthene
Concen: 25.752 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

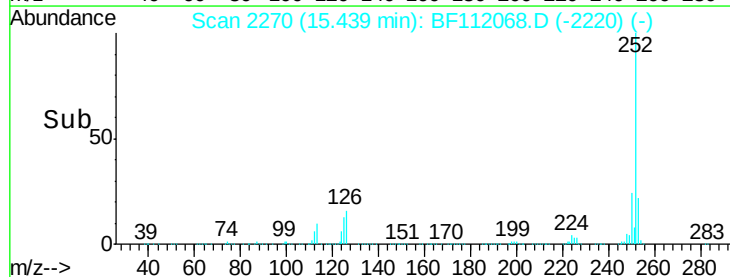
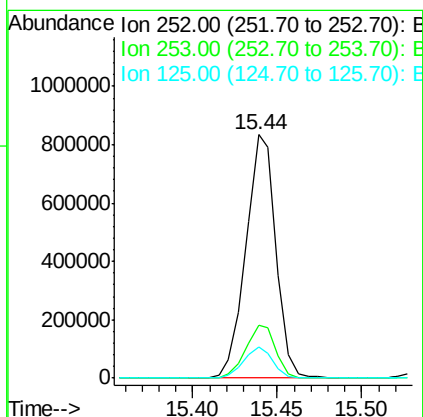
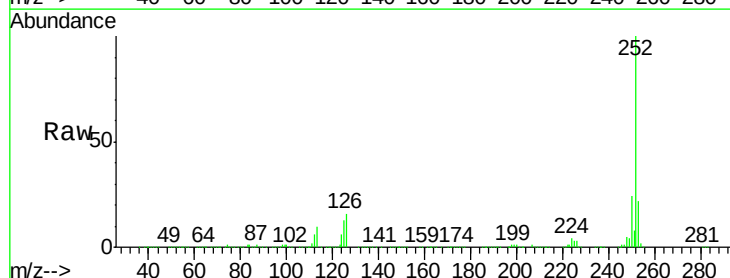
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

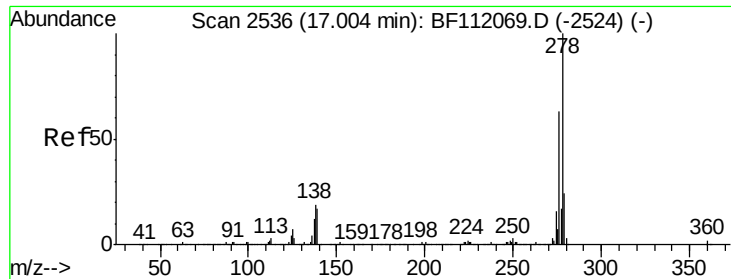
Tgt Ion:252 Resp: 1115091
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.3 9.1 13.7



#90
Benzo(a)pyrene
Concen: 25.477 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion:252 Resp: 1031921
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 12.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 26.842 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

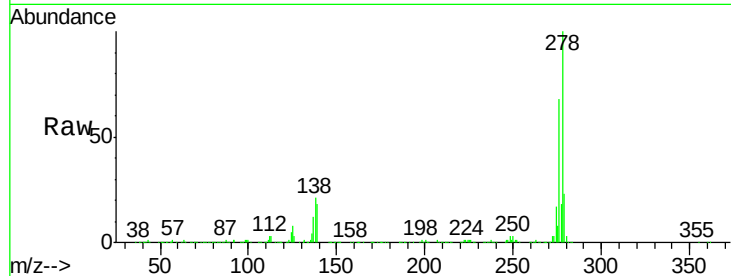
Tgt Ion: 278 Resp: 874444

Ion Ratio Lower Upper

278 100

139 18.4 13.7 20.5

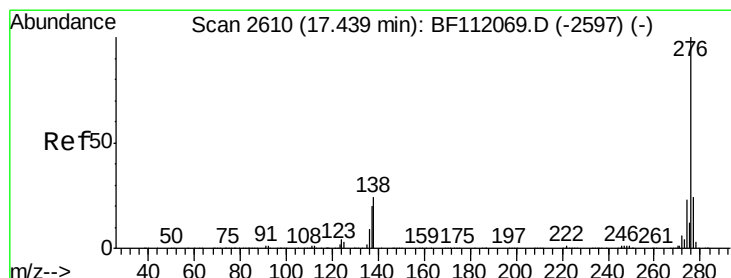
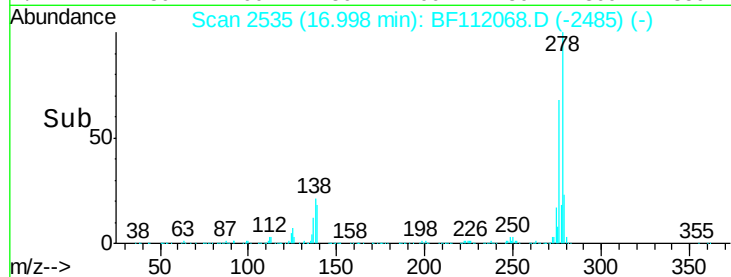
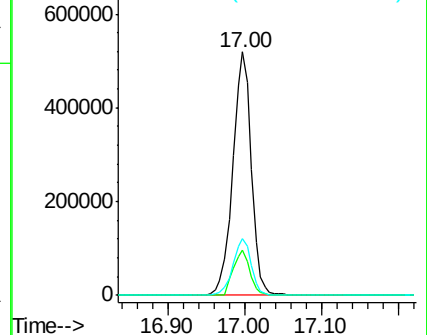
279 23.2 19.0 28.6



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: 25.796 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

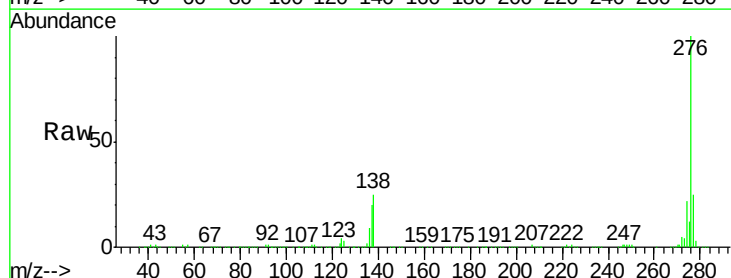
Tgt Ion: 276 Resp: 821966

Ion Ratio Lower Upper

276 100

277 24.6 19.4 29.0

138 24.5 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

