

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112228.D
 Acq On : 25 Jan 2019 12:53
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jan 25 15:33:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 15:22:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	175628	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	757489	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	396664	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	789767	20.00	ng	0.00
76) Chrysene-d12	14.01	240	705361	20.00	ng	0.00
87) Perylene-d12	15.47	264	641187	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	39754	4.11	ng	0.00
7) Phenol-d6	6.49	99	52341	4.32	ng	0.00
23) Nitrobenzene-d5	7.40	82	66369	6.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	23920	5.59	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	162952	6.02	ng	0.00
79) Terphenyl-d14	12.94	244	212103	6.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	8798	1.94	ng	# 96
3) Pyridine	3.42	79	16508	1.45	ng	# 99
4) n-Nitrosodimethylamine	3.33	42	7331	1.59	ng	# 94
6) Aniline	6.50	93	30912	2.10	ng	# 90
8) 2-Chlorophenol	6.63	128	27082	2.41	ng	# 99
9) Benzaldehyde	6.39	77	17792	2.60	ng	# 97
10) Phenol	6.50	94	27647	2.09	ng	# 83
11) bis(2-Chloroethyl)ether	6.57	93	21800	2.07	ng	# 97
12) 1,3-Dichlorobenzene	6.79	146	34244	2.67	ng	# 98
13) 1,4-Dichlorobenzene	6.86	146	37832	2.88	ng	# 98
14) 1,2-Dichlorobenzene	7.02	146	35808	2.96	ng	# 95
15) Benzyl Alcohol	6.99	79	26786	2.97	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	7.12	45	37092	2.44	ng	# 83
17) 2-Methylphenol	7.10	107	26139	3.10	ng	# 94
18) Hexachloroethane	7.36	117	13445	3.07	ng	# 95
19) n-Nitroso-di-n-propylamine	7.25	70	22690	3.08	ng	# 96
20) 3+4-Methylphenols	7.26	107	33902	3.31	ng	# 66
22) Acetophenone	7.25	105	47535	2.71	ng	# 93
24) Nitrobenzene	7.42	77	33415	2.88	ng	# 99
25) Isophorone	7.66	82	53140	2.51	ng	# 97
26) 2-Nitrophenol	7.75	139	16021	2.92	ng	# 93
27) 2,4-Dimethylphenol	7.79	122	25116	2.56	ng	# 94
28) bis(2-Chloroethoxy)methane	7.87	93	36730	2.53	ng	# 96
29) 2,4-Dichlorophenol	8.00	162	26993	2.51	ng	# 91
30) 1,2,4-Trichlorobenzene	8.07	180	33358	2.68	ng	# 97
31) Naphthalene	8.15	128	95069	2.76	ng	# 97
32) Benzoic acid	7.89	122	7264	1.80	ng	# 95
33) 4-Chloroaniline	8.20	127	40735	2.63	ng	# 97
34) Hexachlorobutadiene	8.26	225	18469	2.66	ng	# 94
35) Caprolactam	8.52	113	10027	2.67	ng	# 93
36) 4-Chloro-3-methylphenol	8.69	107	29832	2.84	ng	# 99
37) 2-Methylnaphthalene	8.84	142	64541	2.76	ng	# 97
38) 1-Methylnaphthalene	8.94	142	63666	2.83	ng	# 96
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	33970	2.67	ng	# 98

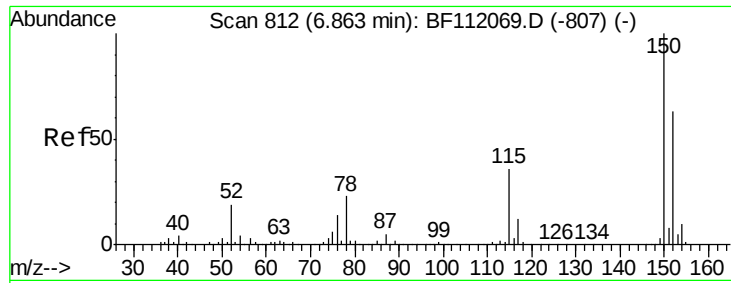
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112228.D
 Acq On : 25 Jan 2019 12:53
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Quant Time: Jan 25 15:33:58 2019
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	818	0.20	nq	87
43) 2,4,6-Trichlorophenol	9.13	196	19300	2.53	nq	96
44) 2,4,5-Trichlorophenol	9.17	196	20047	2.47	nq	98
46) 1,1'-Biphenyl	9.30	154	94214	2.84	nq	95
47) 2-Chloronaphthalene	9.33	162	71696	2.76	nq	97
48) 2-Nitroaniline	9.42	65	17547	3.00	nq	97
49) Acenaphthylene	9.74	152	105050	2.77	nq	98
50) Dimethylphthalate	9.59	163	83277	2.88	nq	98
51) 2,6-Dinitrotoluene	9.66	165	17476	3.03	nq	# 81
52) Acenaphthene	9.92	154	65409	2.82	nq	98
53) 3-Nitroaniline	9.83	138	18983	2.94	nq	94
54) 2,4-Dinitrophenol	9.97	184	410	0.33	nq	# 55
55) Dibenzofuran	10.09	168	101272	2.89	nq	97
56) 4-Nitrophenol	10.03	139	4683	1.17	nq	91
57) 2,4-Dinitrotoluene	10.07	165	21233	3.08	nq	# 87
58) Fluorene	10.43	166	77302	2.95	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	15576	2.54	nq	# 94
60) Diethylphthalate	10.29	149	84445	2.99	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	41326	2.92	nq	94
62) 4-Nitroaniline	10.44	138	18790	2.93	nq	96
63) Azobenzene	10.57	77	73643	2.72	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	4965	1.77	nq	# 67
66) n-Nitrosodiphenylamine	10.53	169	72470	2.78	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	24808	2.70	nq	90
68) Hexachlorobenzene	10.99	284	26761	2.71	nq	93
69) Atrazine	11.06	200	25356	3.01	nq	95
70) Pentachlorophenol	11.20	266	2381	0.58	nq	# 76
71) Phenanthrene	11.39	178	116565	2.93	nq	96
72) Anthracene	11.45	178	116602	2.90	nq	95
73) Carbazole	11.60	167	112979	2.80	nq	96
74) Di-n-butylphthalate	11.92	149	135517	2.99	nq	97
75) Fluoranthene	12.58	202	120639	2.87	nq	96
77) Benzidine	12.94	184	3061	0.13	nq	97
78) Pyrene	12.81	202	126088	2.71	nq	97
80) Butylbenzylphthalate	13.42	149	59956	2.94	nq	# 96
81) Benzo(a)anthracene	14.00	228	111801	2.76	nq	97
82) 3,3'-Dichlorobenzidine	13.95	252	44396	2.93	nq	93
83) Chrysene	14.03	228	106837	2.79	nq	97
84) Bis(2-ethylhexyl)phthalate	13.97	149	86182	2.95	nq	99
85) Di-n-octyl phthalate	14.58	149	134638	2.99	nq	# 98
86) Indeno(1,2,3-cd)pyrene	16.94	276	75319	2.13	nq	97
88) Benzo(b)fluoranthene	15.04	252	95441	2.62	nq	99
89) Benzo(k)fluoranthene	15.07	252	95827	2.72	nq	98
90) Benzo(a)pyrene	15.41	252	90439	2.71	nq	99
91) Dibenzo(a,h)anthracene	16.95	278	65304	2.20	nq	# 94
92) Benzo(g,h,i)perylene	17.39	276	58171	1.99	nq	100

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

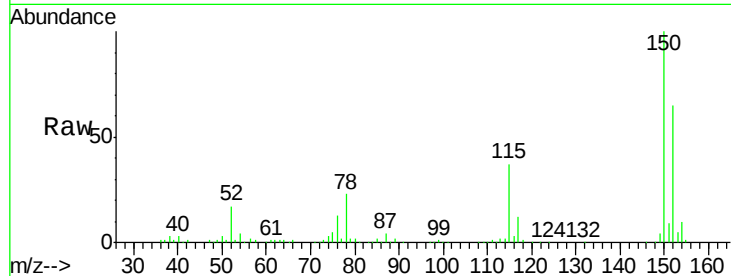


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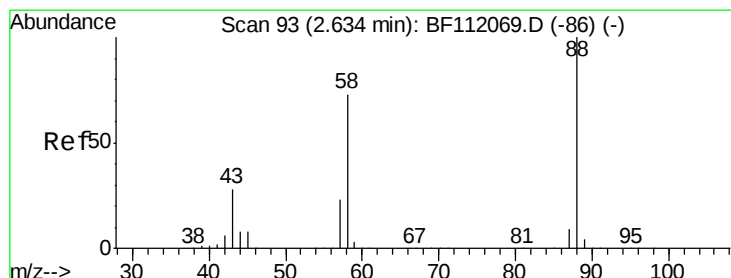
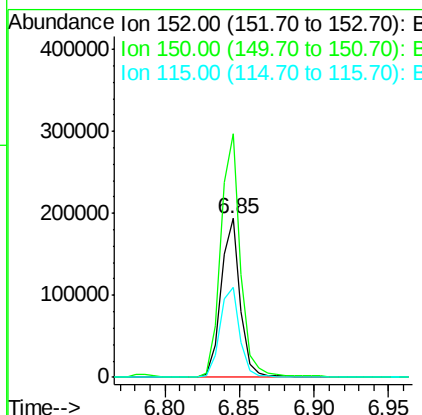
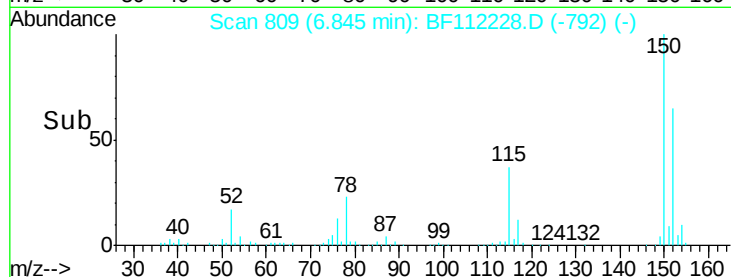
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion:152 Resp: 175628
Ion Ratio Lower Upper
152 100
150 153.3 127.4 191.0
115 56.6 45.5 68.3



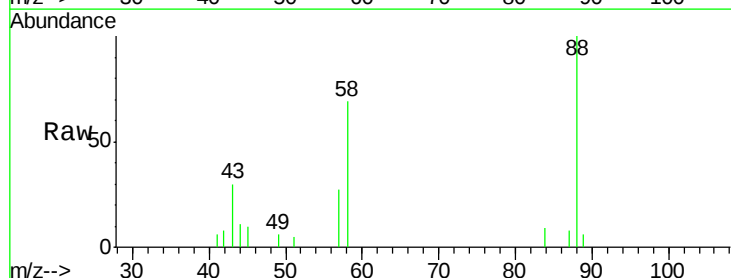
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



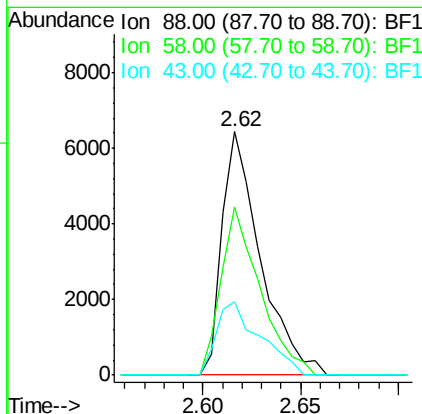
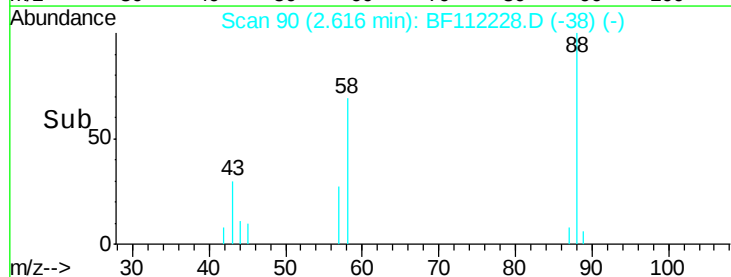
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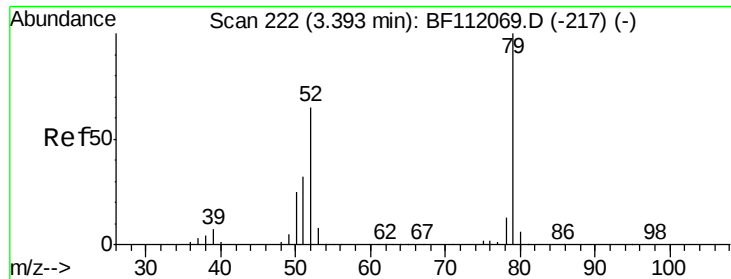
1,4-Dioxane
Concen: 1.94 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion: 88 Resp: 8798
Ion Ratio Lower Upper
88 100
58 70.5 57.4 86.2
43 33.9 22.2 33.4#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 1.45 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.05 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

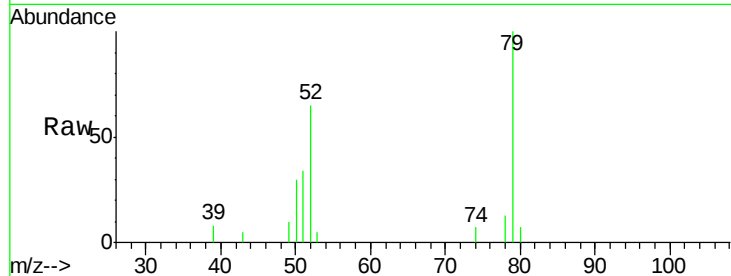
Tot Ion: 79 Resp: 16508

Ion Ratio Lower Upper

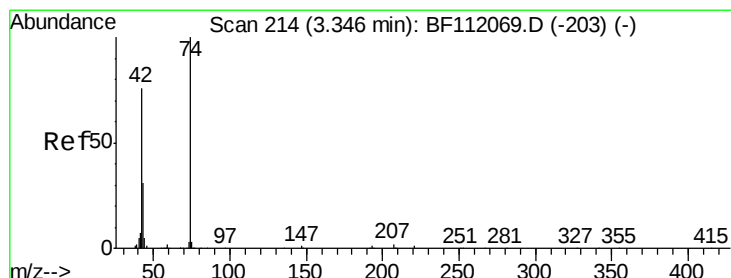
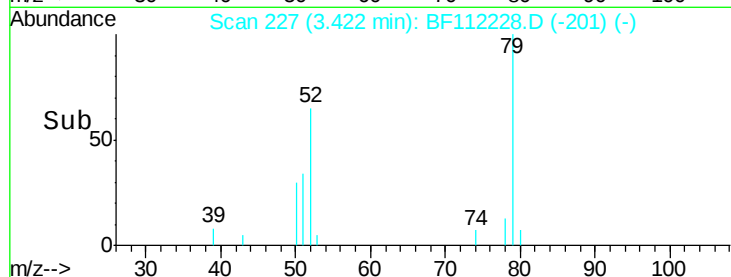
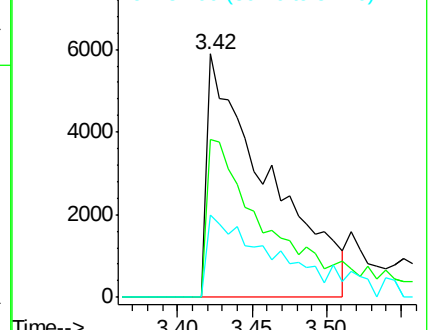
79 100

52 65.0 52.4 78.6

51 33.6 26.1 39.1



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



#4

n-Nitrosodimethylamine

Concen: 1.59 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

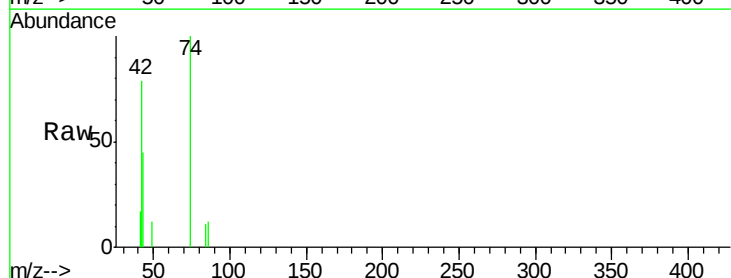
Tgt Ion: 42 Resp: 7331

Ion Ratio Lower Upper

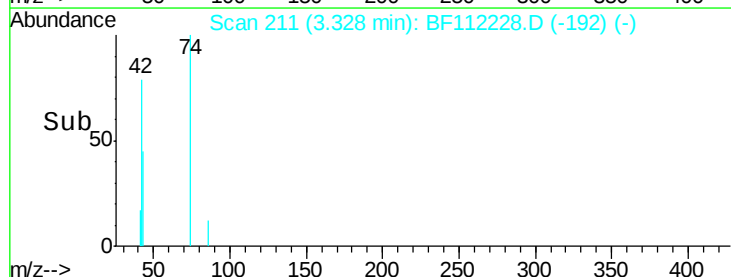
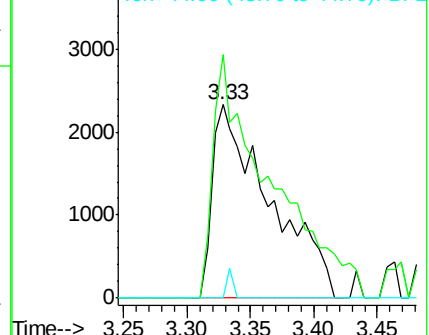
42 100

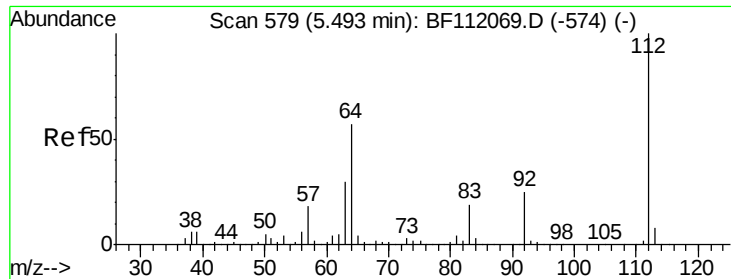
74 126.1 105.6 158.4

44 0.0 5.4 8.2#



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

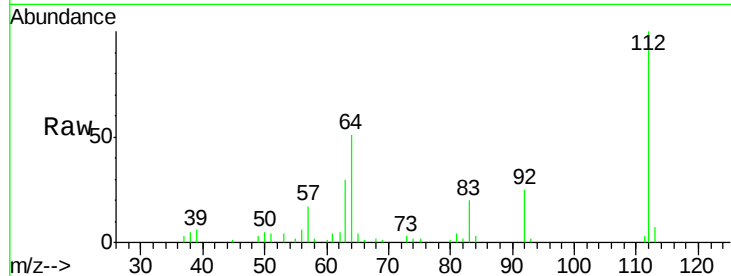




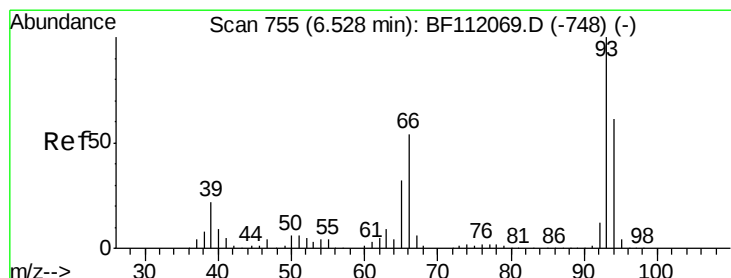
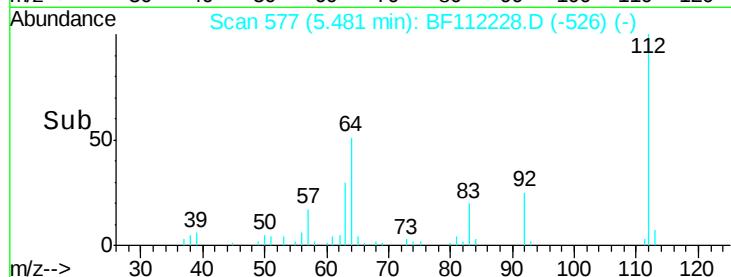
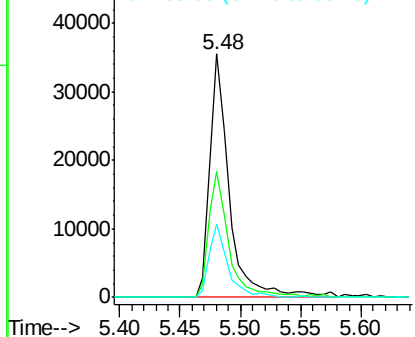
#5
2-Fluorophenol
Concen: 4.11 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion:112 Resp: 39754
Ion Ratio Lower Upper
112 100
64 51.5 45.7 68.5
63 30.1 23.6 35.4

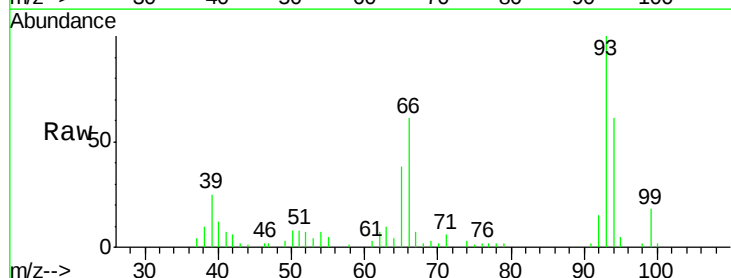


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

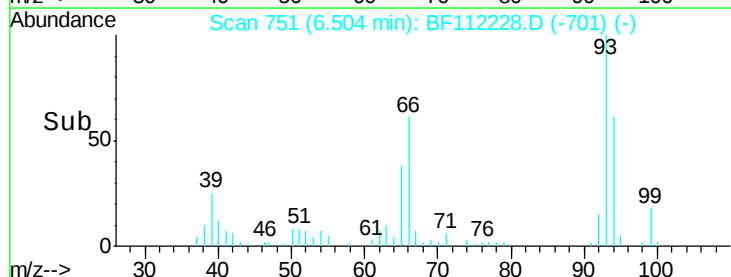
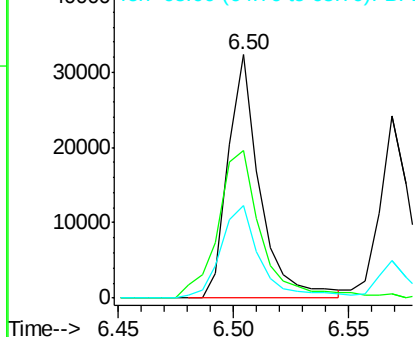


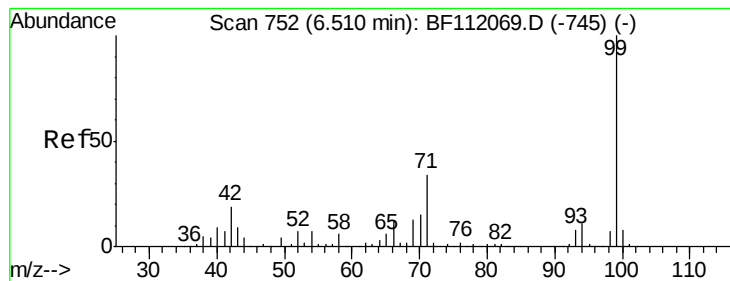
#6
Aniline
Concen: 2.10 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion: 93 Resp: 30912
Ion Ratio Lower Upper
93 100
66 60.9 43.4 65.2
65 38.1 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: 4.32 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

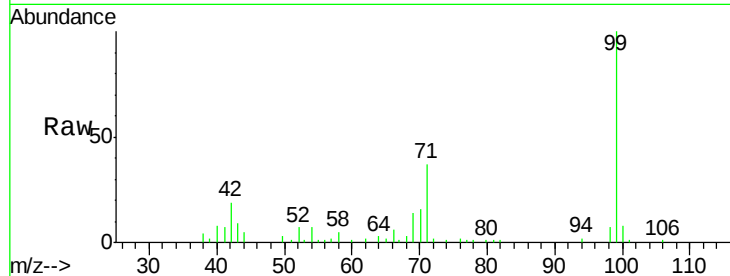
Tot Ion: 99 Resp: 52341

Ion Ratio Lower Upper

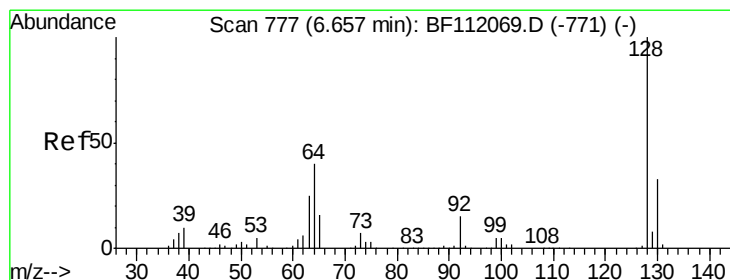
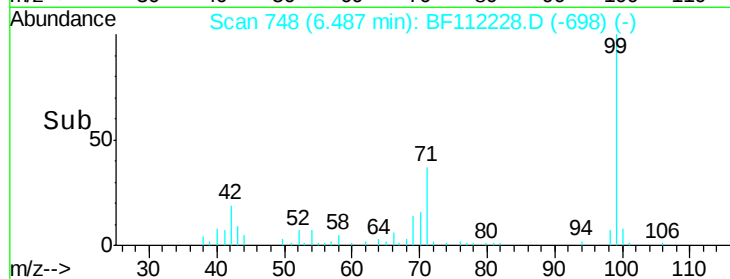
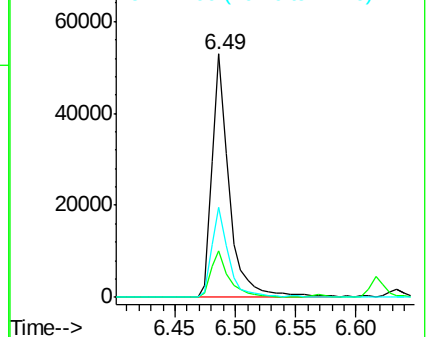
99 100

42 18.9 15.1 22.7

71 36.8 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: 2.41 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

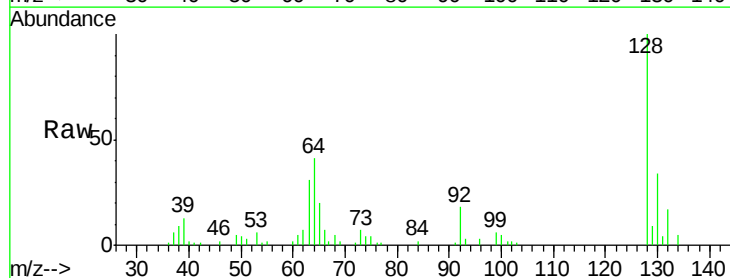
Tgt Ion: 128 Resp: 27082

Ion Ratio Lower Upper

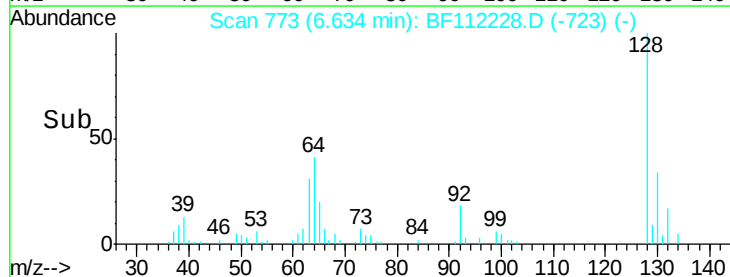
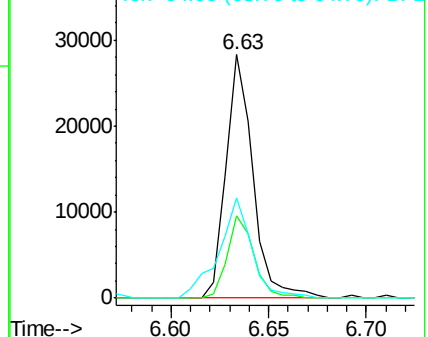
128 100

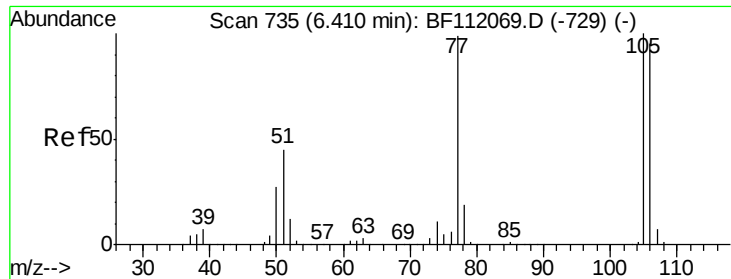
130 33.9 13.4 53.4

64 41.0 20.5 60.5



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

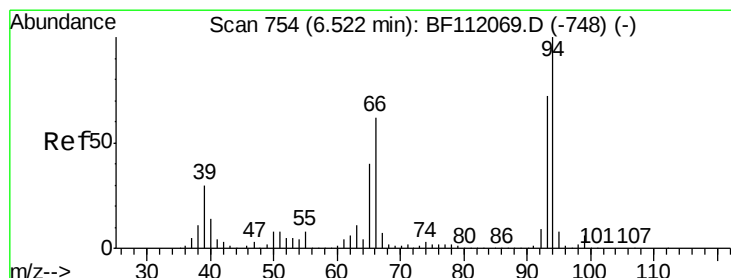
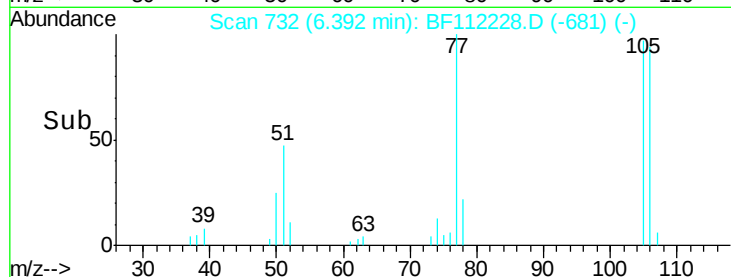
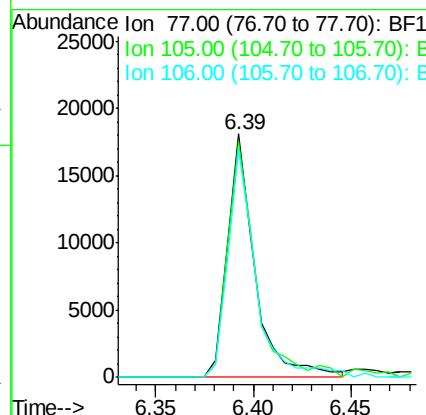
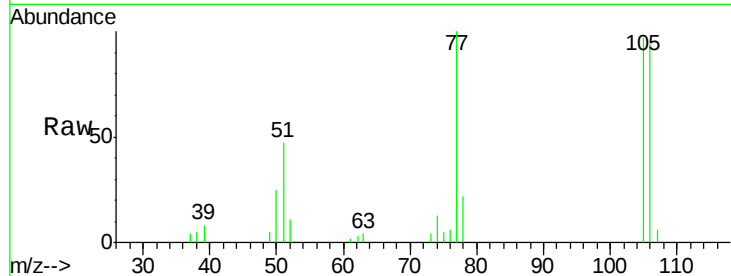




#9
Benzaldehyde
Concen: 2.60 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

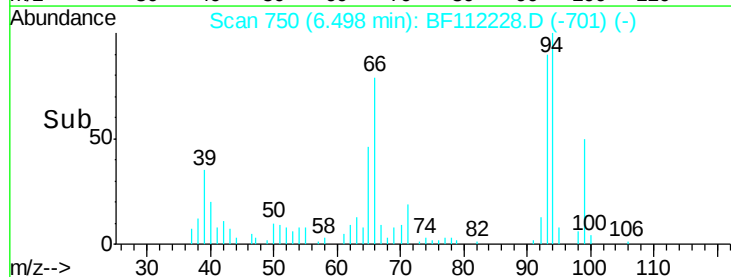
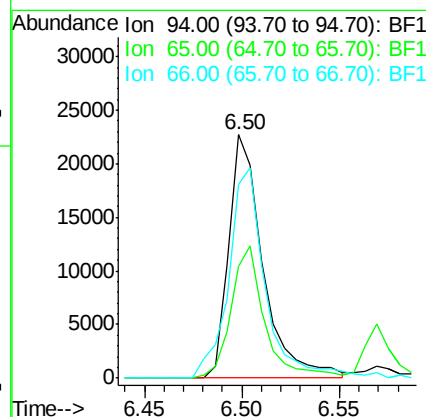
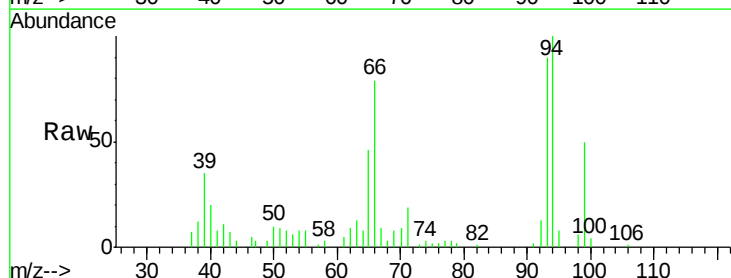
Instrument :
BNA_F
ClientSampleID :
SSTDIC2.5

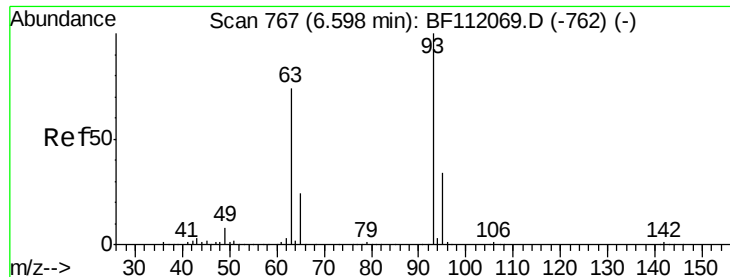
Tot Ion: 77 Resp: 17792
Ion Ratio Lower Upper
77 100
105 97.1 80.8 120.8
106 93.6 75.7 115.7



#10
Phenol
Concen: 2.09 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion: 94 Resp: 27647
Ion Ratio Lower Upper
94 100
65 46.0 20.3 60.3
66 79.3 42.4 82.4

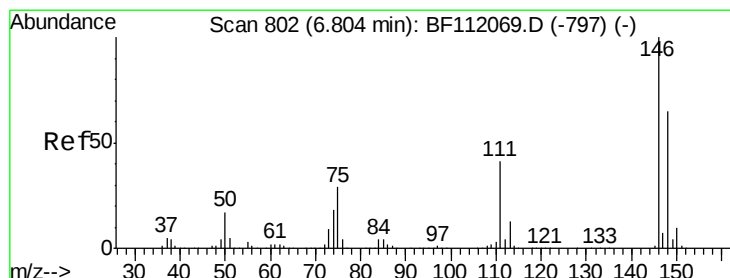
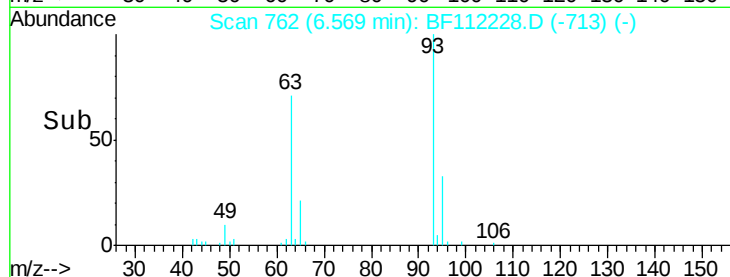
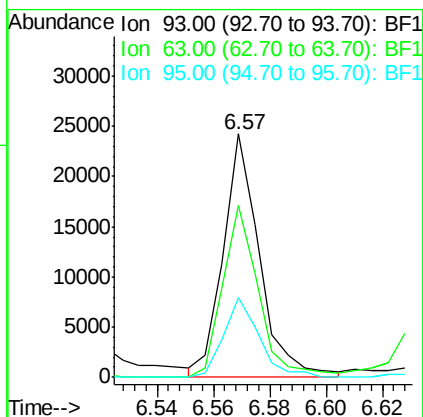
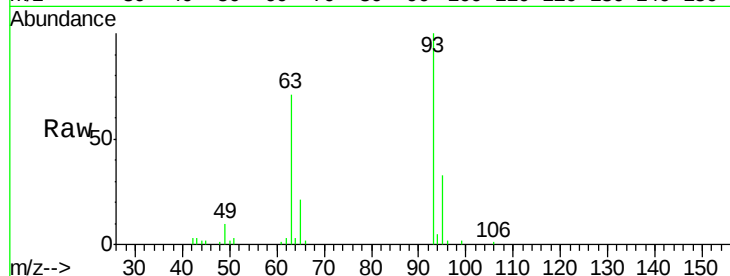




#11
bis(2-Chloroethyl)ether
Concen: 2.07 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

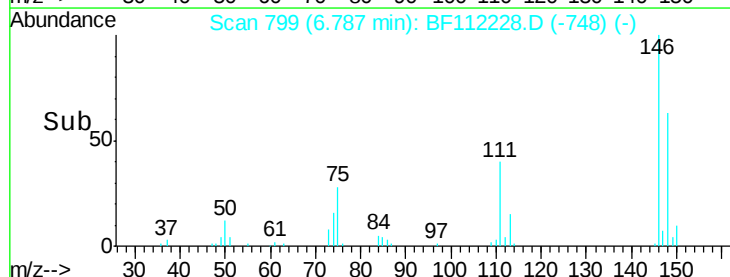
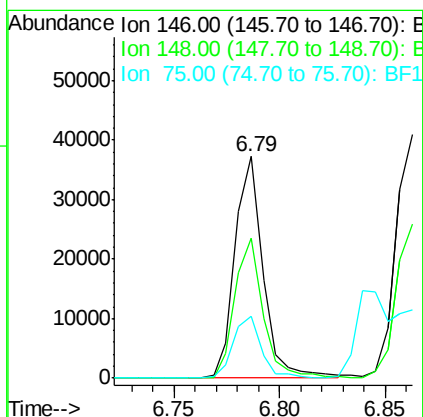
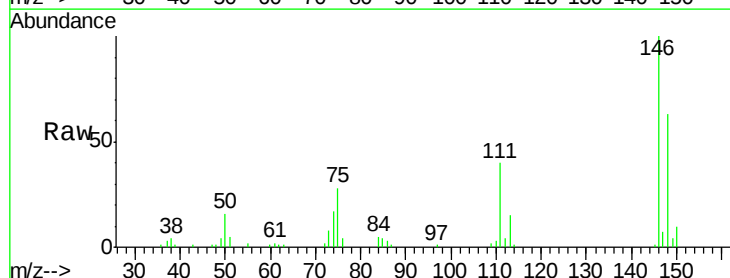
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

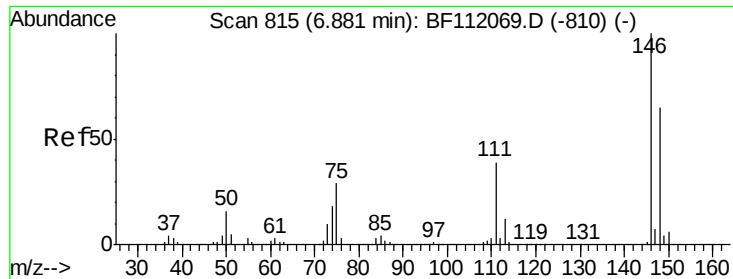
Tot Ion: 93 Resp: 21800
Ion Ratio Lower Upper
93 100
63 70.6 53.3 93.3
95 32.7 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 2.67 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion: 146 Resp: 34244
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 28.1 23.1 34.7

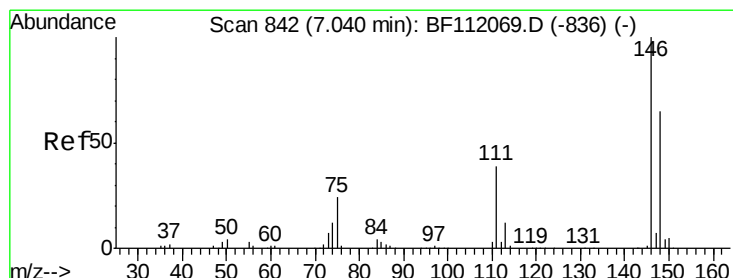
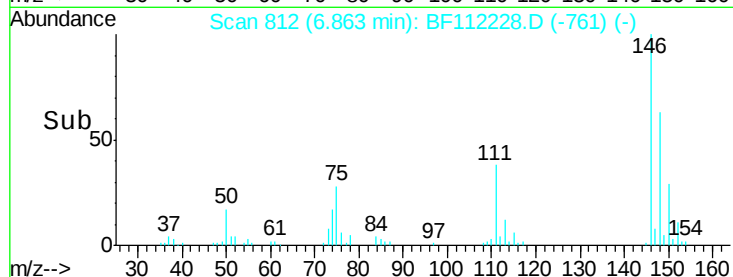
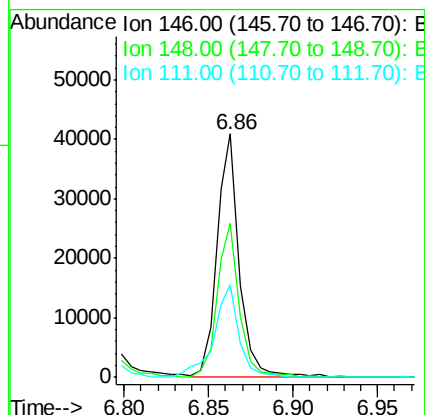
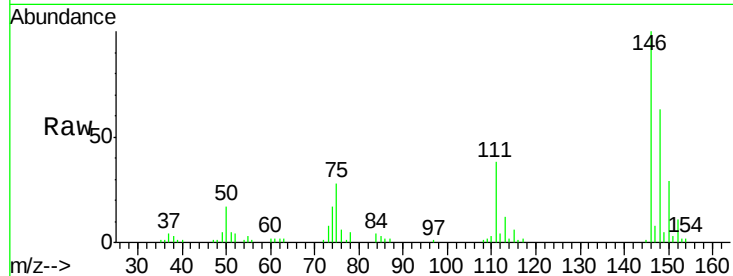




#13
 1,4-Dichlorobenzene
 Concen: 2.88 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

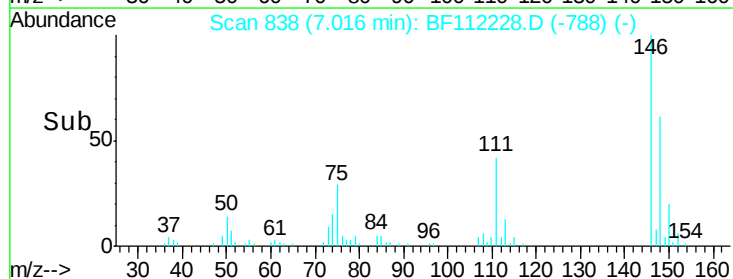
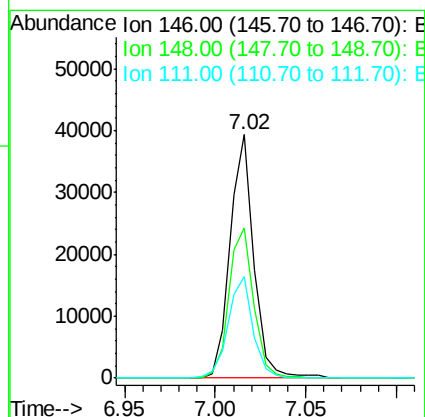
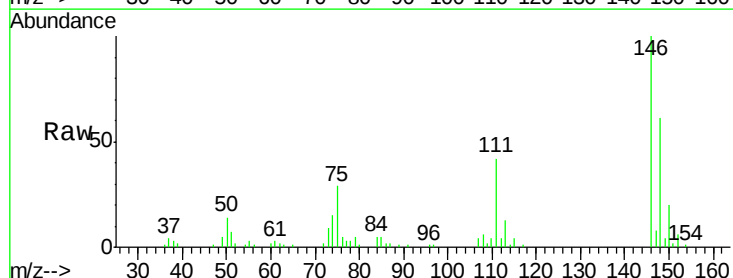
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

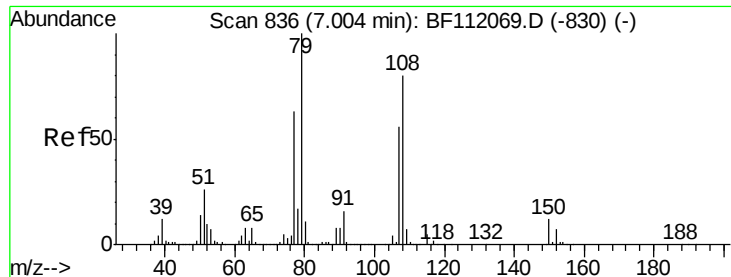
Tot Ion:146 Resp: 37832
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.0 78.0
 111 38.2 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 2.96 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

Tgt Ion:146 Resp: 35808
 Ion Ratio Lower Upper
 146 100
 148 61.5 52.2 78.4
 111 41.9 31.2 46.8





#15

Benzyl Alcohol

Concen: 2.97 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

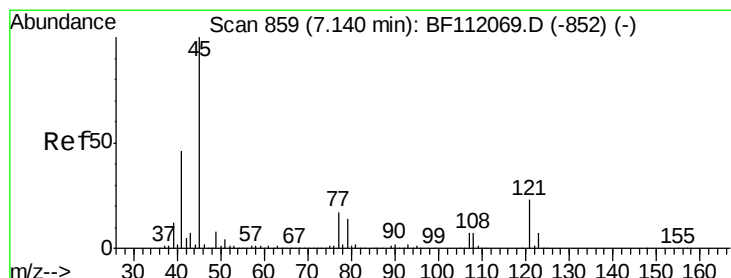
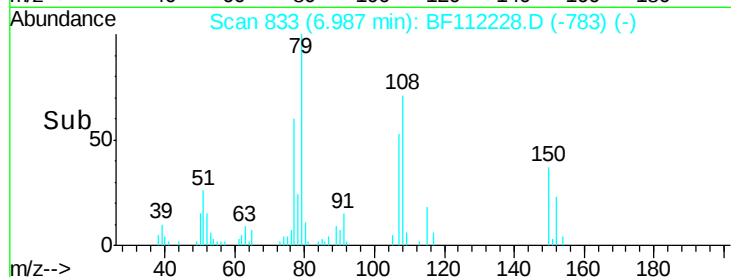
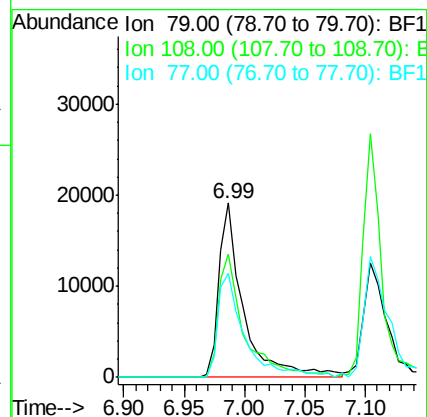
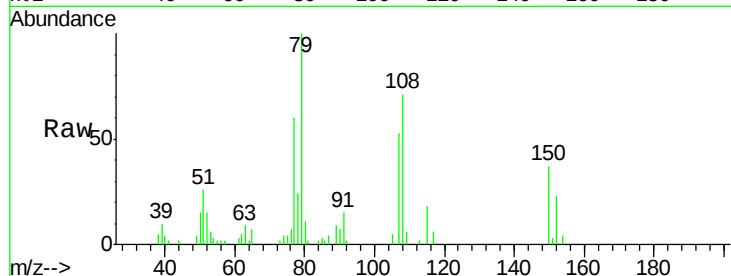
Tot Ion: 79 Resp: 26786

Ion Ratio Lower Upper

79 100

108 71.2 64.2 96.2

77 59.8 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.44 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

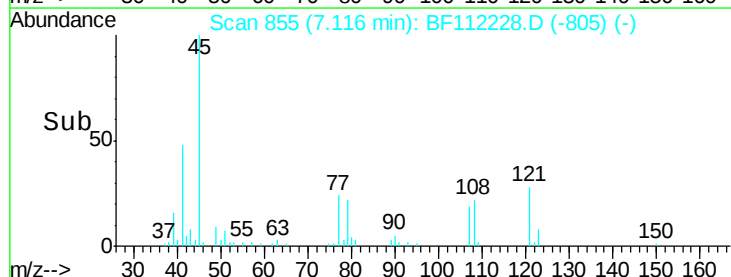
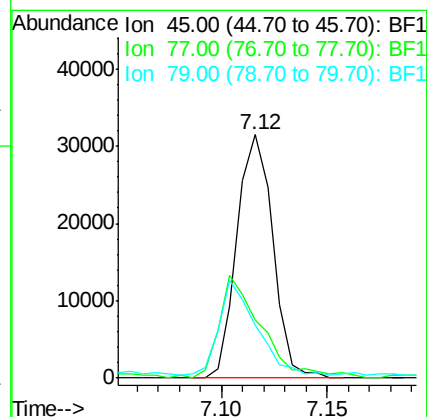
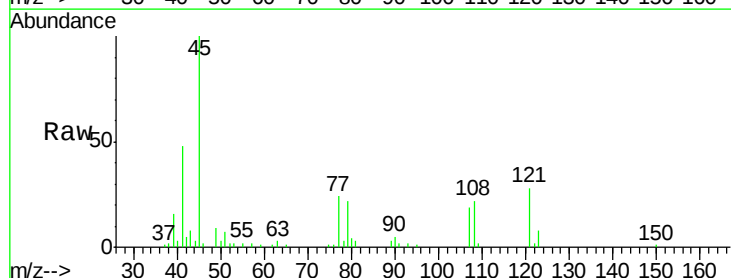
Tgt Ion: 45 Resp: 37092

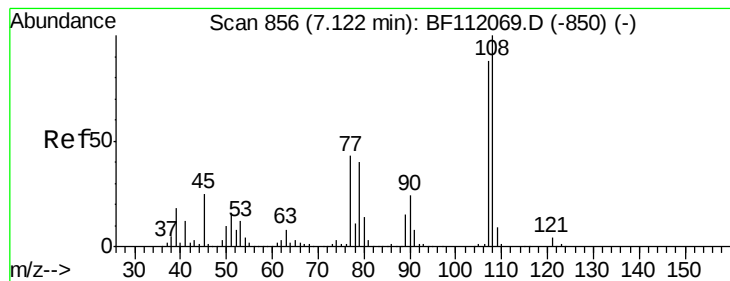
Ion Ratio Lower Upper

45 100

77 23.6 0.0 36.9

79 21.6 0.0 34.0





#17

2-Methylphenol

Concen: 3.10 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tot Ion:107 Resp: 26139

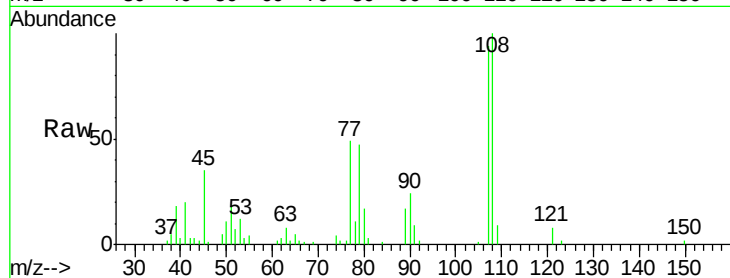
Ion Ratio Lower Upper

107 100

108 106.4 91.3 136.9

77 52.6 39.0 58.6

79 50.0 37.0 55.4

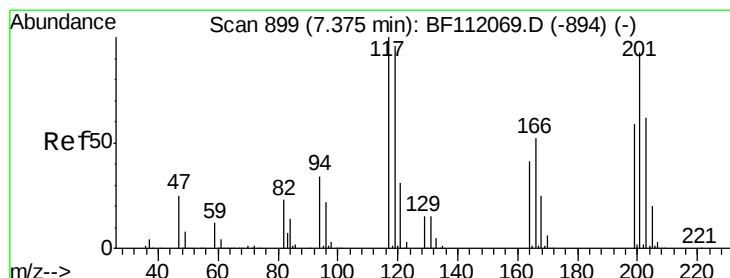
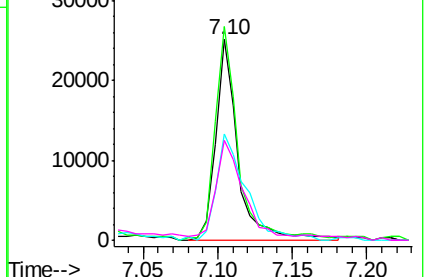
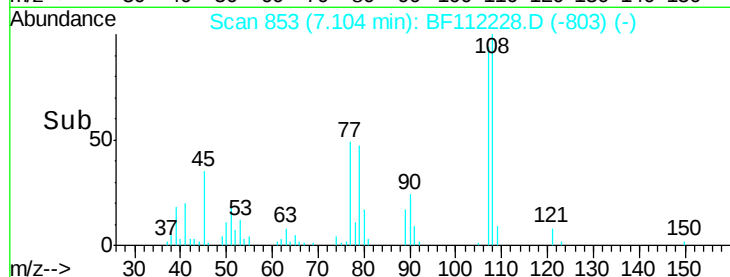


Abundance Ion 107.00 (106.70 to 107.70): E

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: 3.07 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

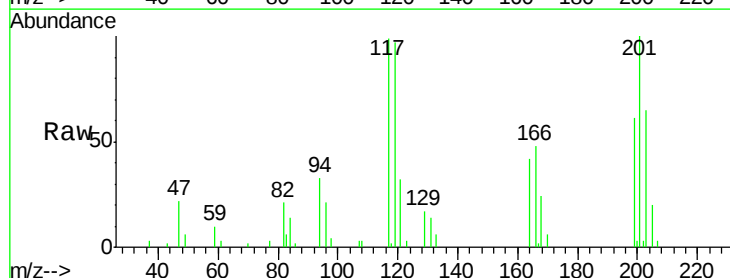
Tgt Ion:117 Resp: 13445

Ion Ratio Lower Upper

117 100

119 97.7 77.0 115.4

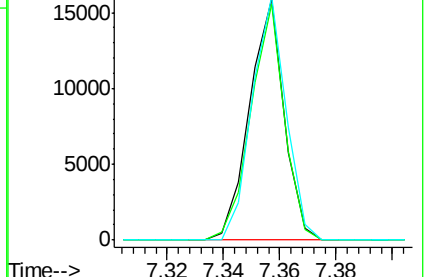
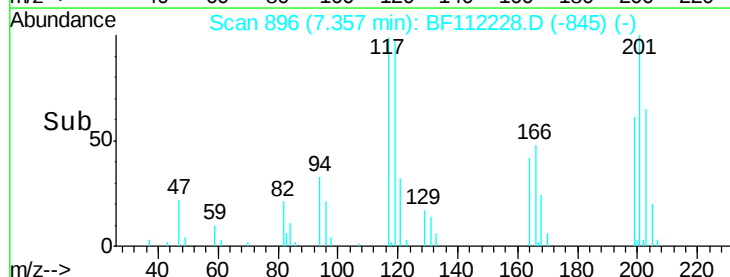
201 100.9 74.1 111.1

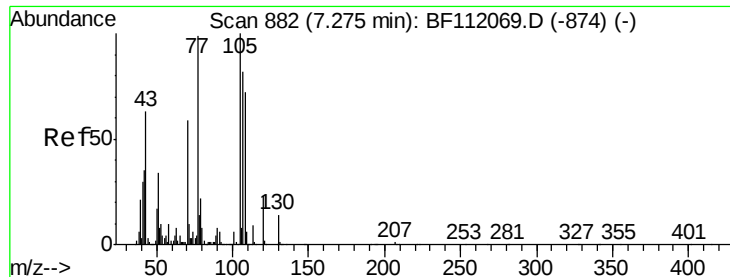


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

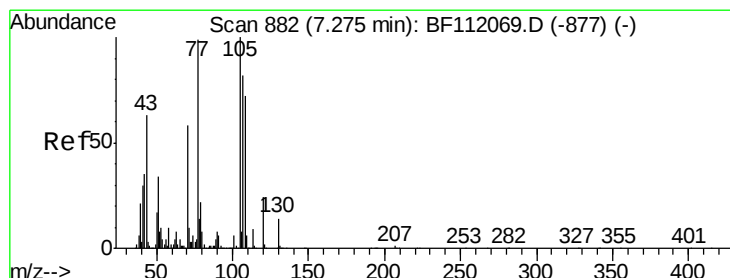
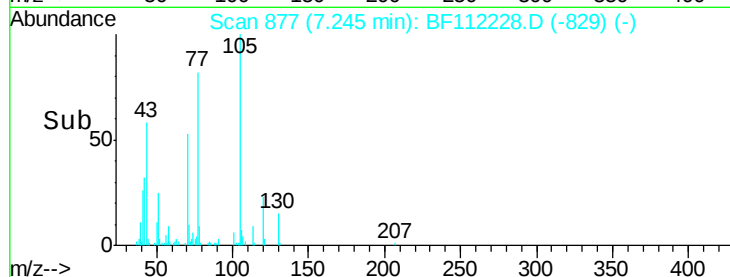
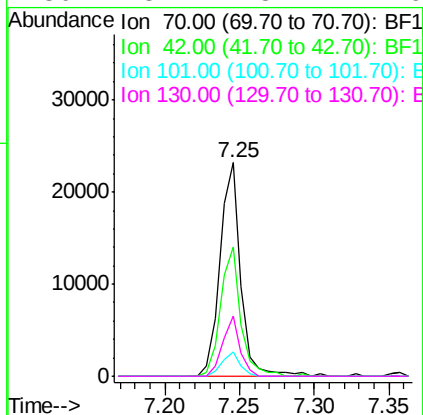
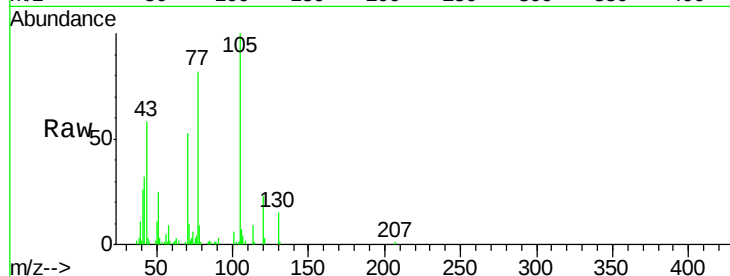




#19
n-Nitroso-di-n-propylamine
Concen: 3.08 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

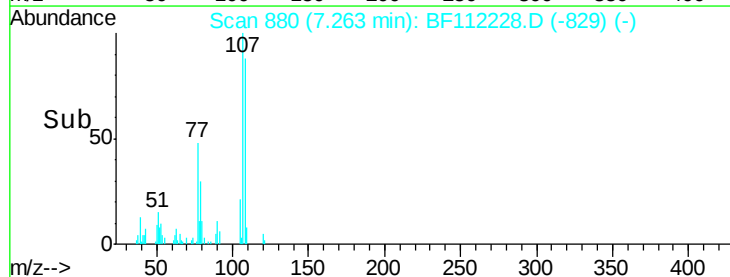
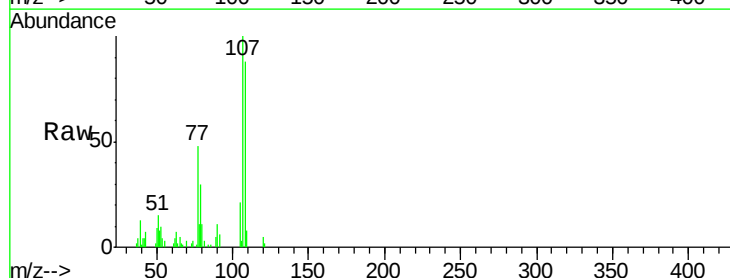
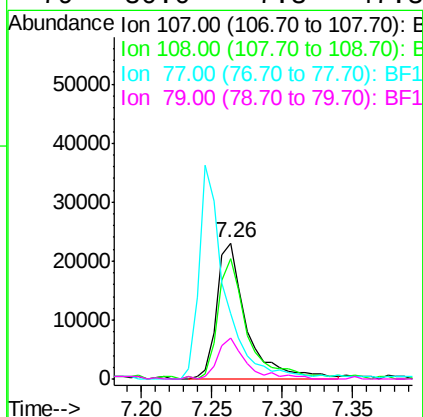
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

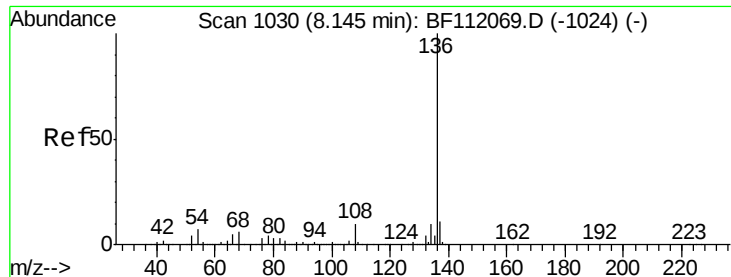
Tot Ion: 70 Resp: 22690
Ion Ratio Lower Upper
70 100
42 60.5 47.6 71.4
101 11.1 7.9 11.9
130 28.2 18.4 27.6#



#20
3+4-Methylphenols
Concen: 3.31 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion: 107 Resp: 33902
Ion Ratio Lower Upper
107 100
108 87.9 68.2 108.2
77 47.7 100.7 140.7#
79 30.0 7.3 47.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tot Ion:136 Resp: 757489

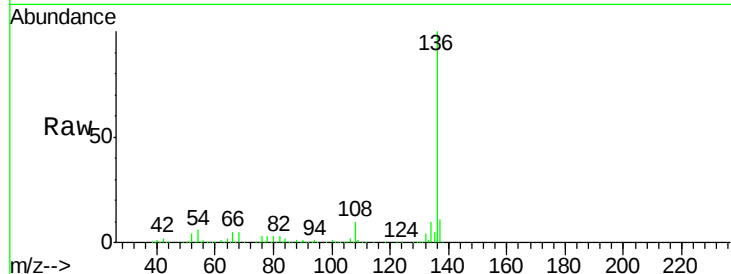
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.2 5.9 8.9

68 4.6 5.1 7.7#



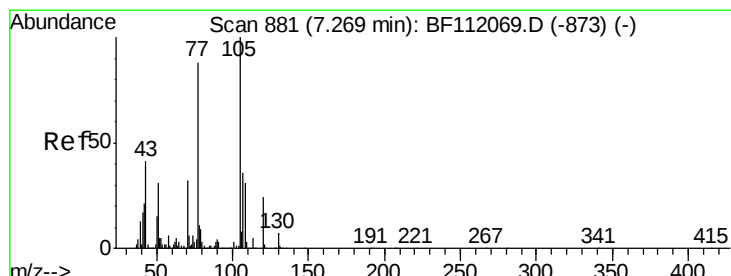
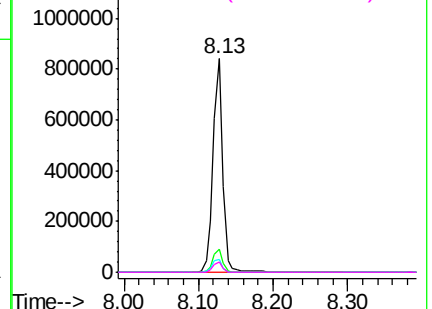
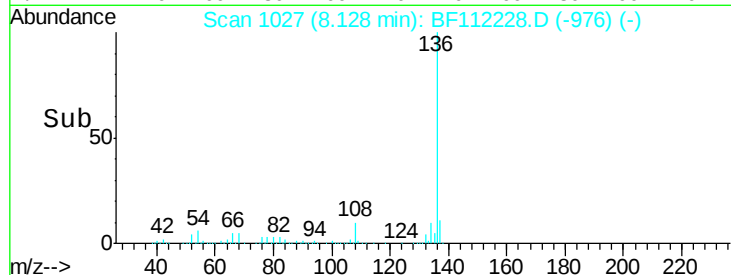
Abundance

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: 2.71 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Tgt Ion:105 Resp: 47535

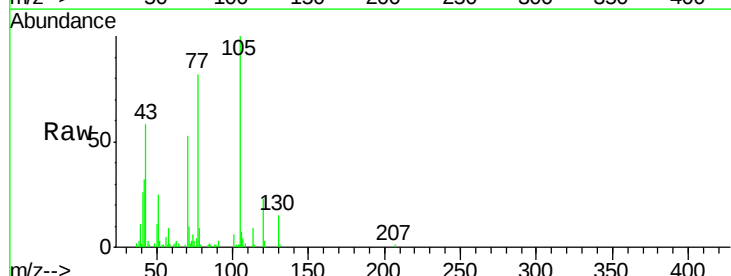
Ion Ratio Lower Upper

105 100

71 10.0 4.6 6.8#

51 25.5 25.0 37.6

120 23.1 19.0 28.4



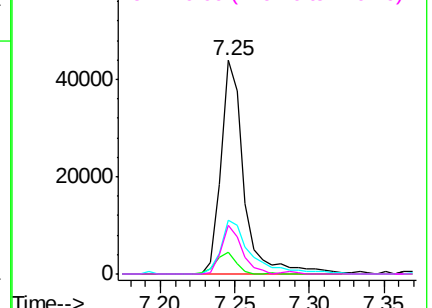
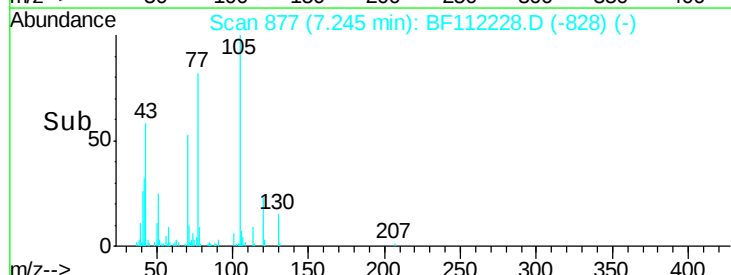
Abundance

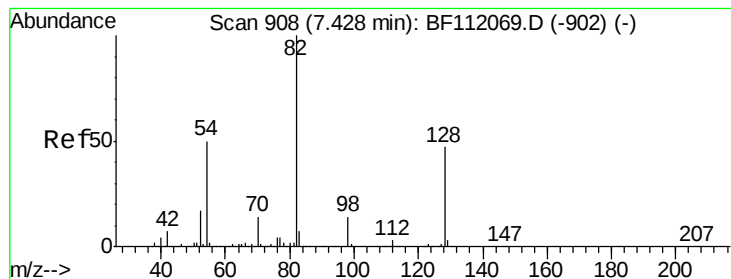
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 6.05 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

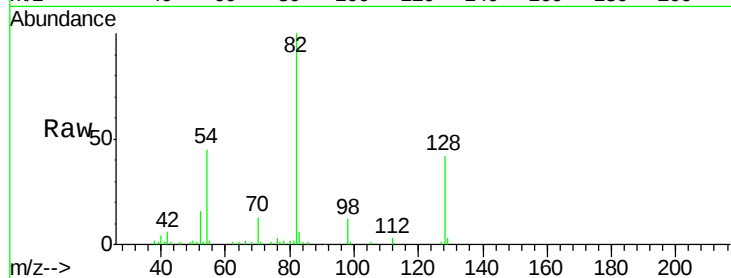
Tot Ion: 82 Resp: 66369

Ion	Ratio	Lower	Upper
82	100		
128	42.5	37.8	56.8
54	45.3	39.7	59.5

82 100

128 42.5 37.8 56.8

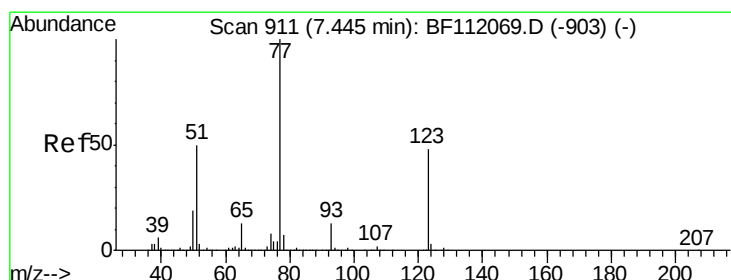
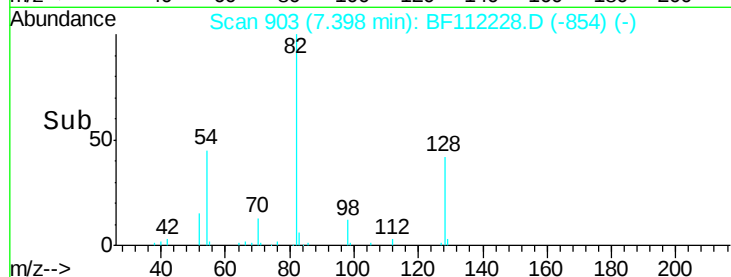
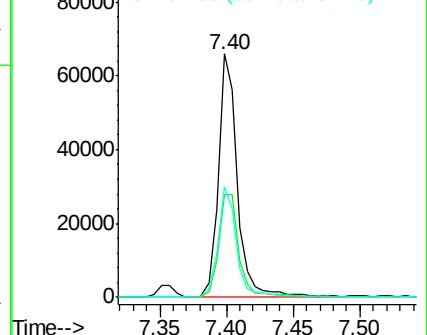
54 45.3 39.7 59.5



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: 2.88 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

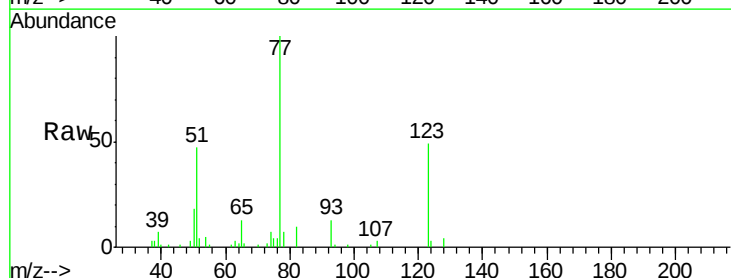
Tgt Ion: 77 Resp: 33415

Ion	Ratio	Lower	Upper
77	100		
123	48.8	38.4	57.6
65	12.9	10.6	15.8

77 100

123 48.8 38.4 57.6

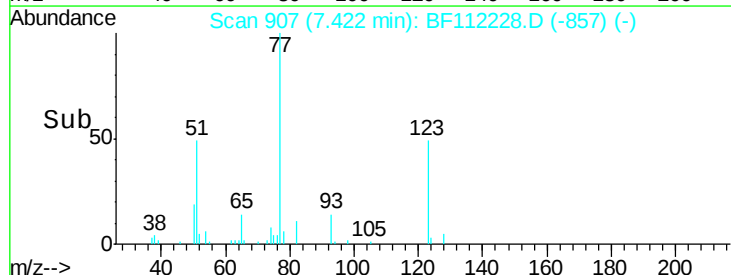
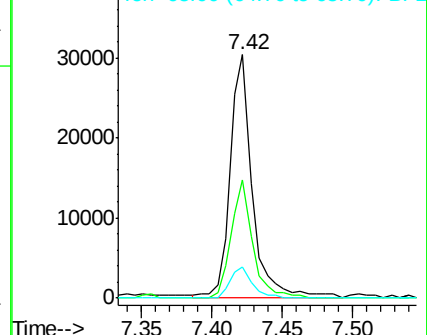
65 12.9 10.6 15.8

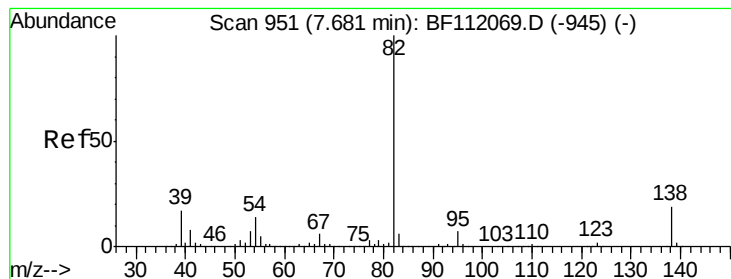


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 2.51 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

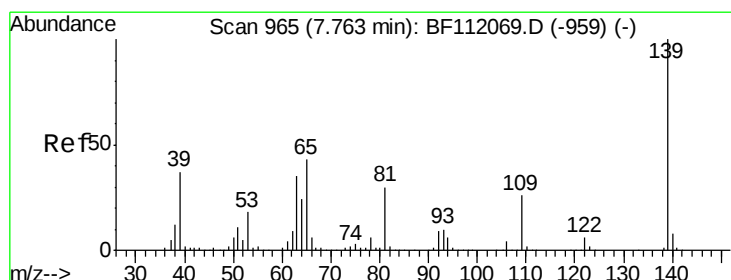
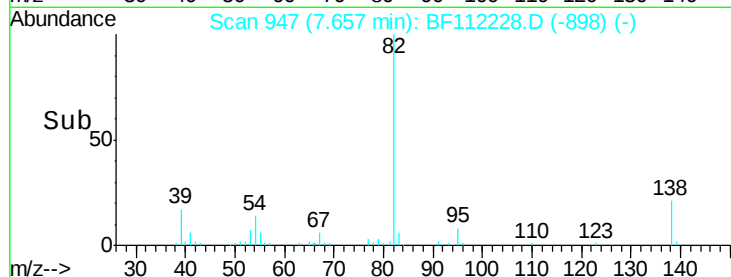
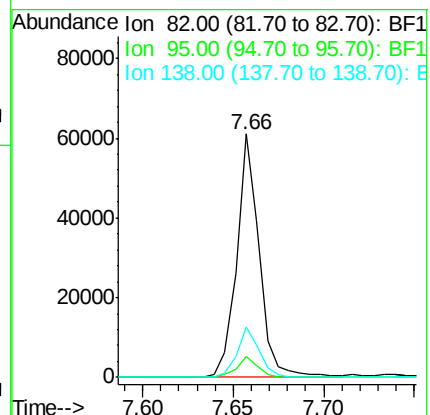
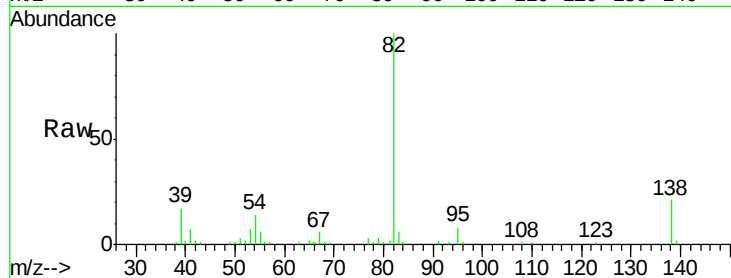
Tot Ion: 82 Resp: 53140

Ion Ratio Lower Upper

82 100

95 8.4 5.7 8.5

138 20.6 15.4 23.0



#26

2-Nitrophenol

Concen: 2.92 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

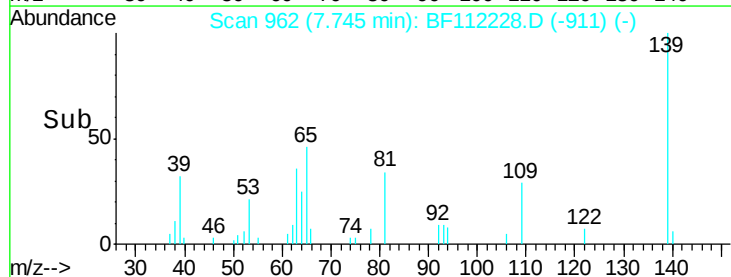
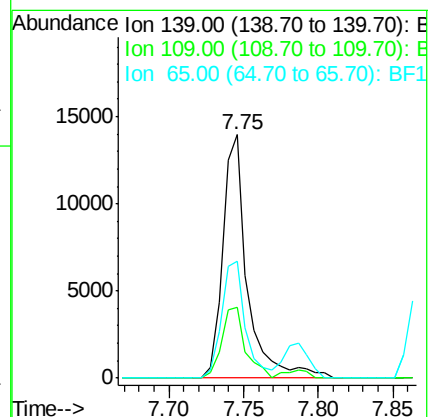
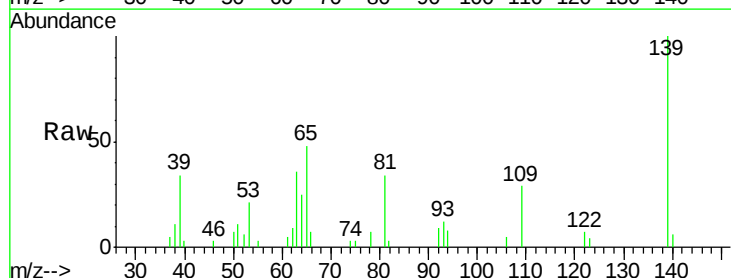
Tgt Ion: 139 Resp: 16021

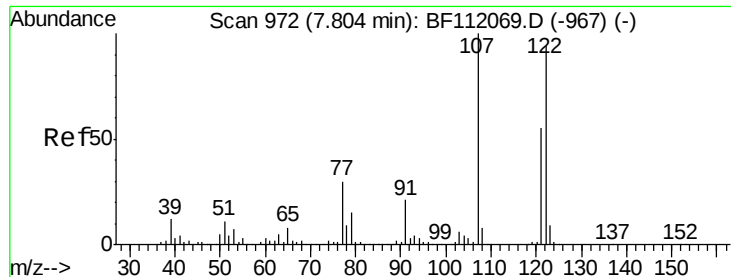
Ion Ratio Lower Upper

139 100

109 29.2 20.8 31.2

65 47.9 34.4 51.6

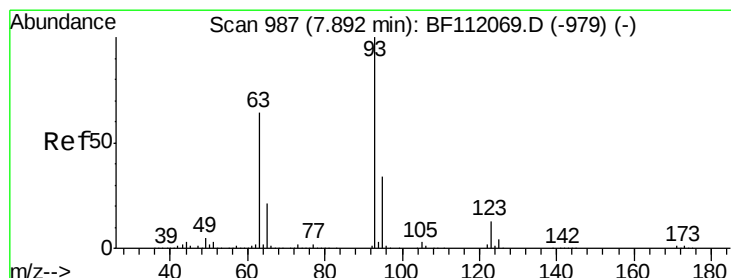
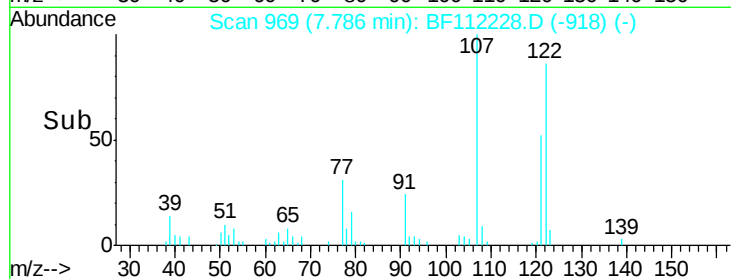
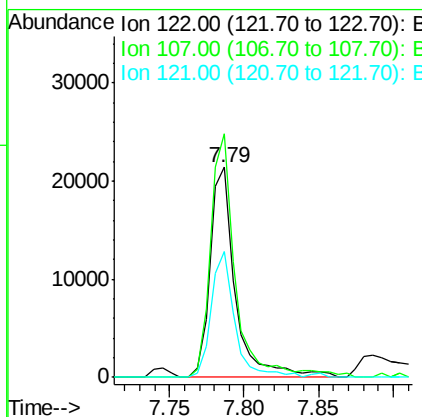
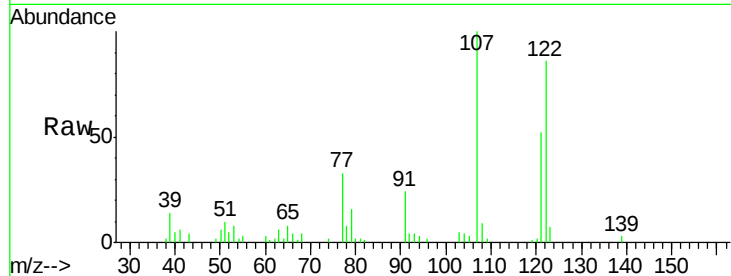




#27
 2,4-Dimethylphenol
 Concen: 2.56 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

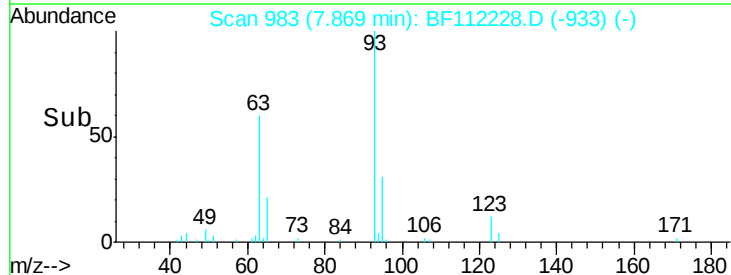
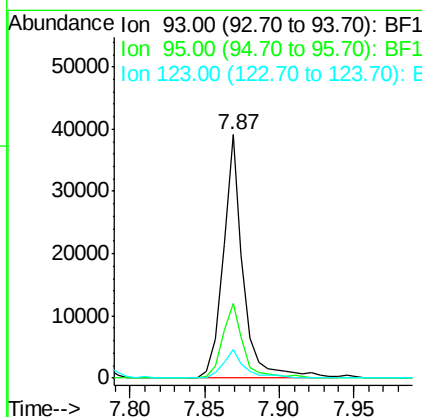
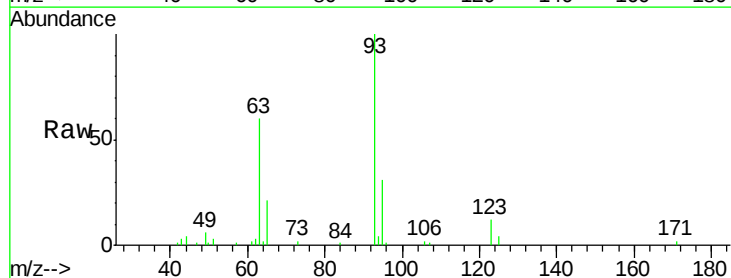
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

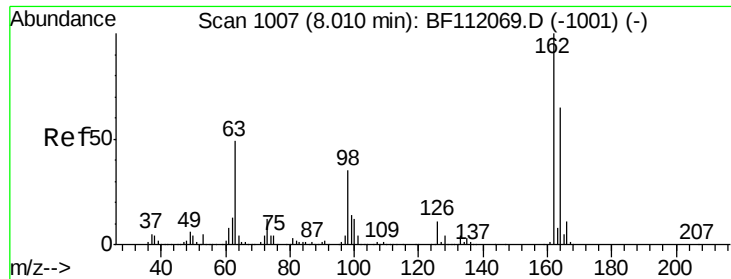
Tot Ion:122 Resp: 25116
 Ion Ratio Lower Upper
 122 100
 107 115.8 85.4 128.0
 121 59.8 47.0 70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.53 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

Tgt Ion: 93 Resp: 36730
 Ion Ratio Lower Upper
 93 100
 95 30.8 26.8 40.2
 123 12.0 10.2 15.2

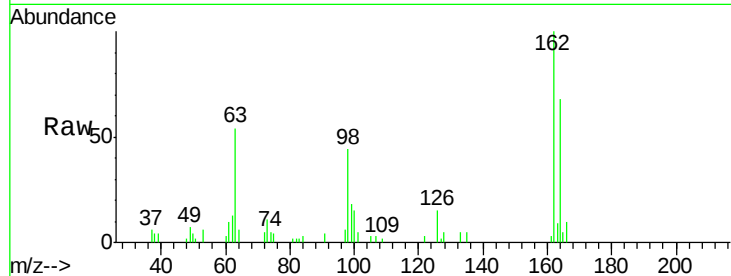




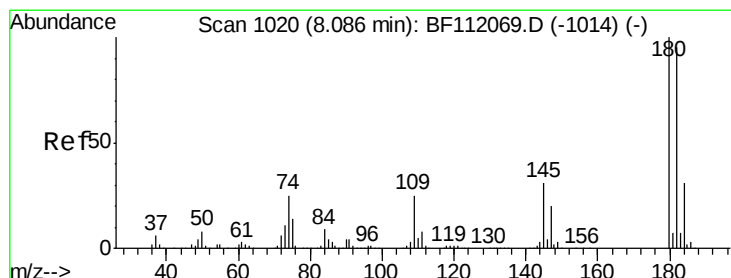
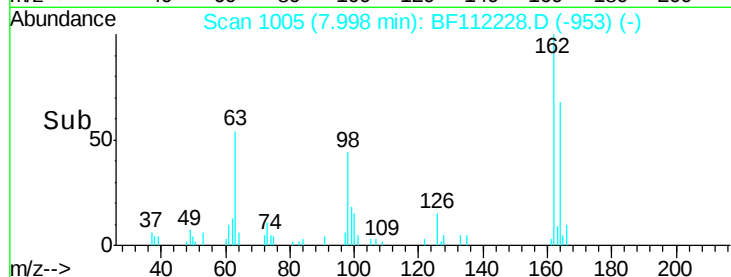
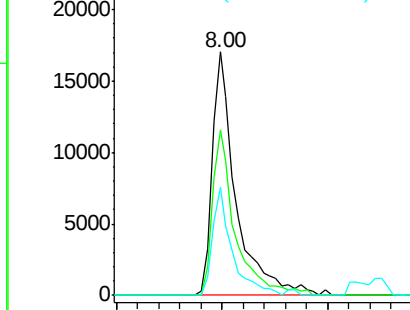
#29
2,4-Dichlorophenol
Concen: 2.51 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.2	44.6	84.6
98	44.3	14.6	54.6

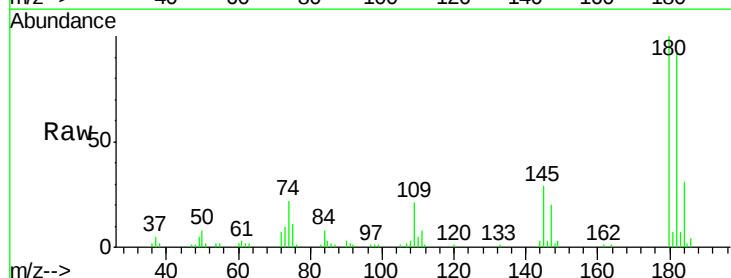


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

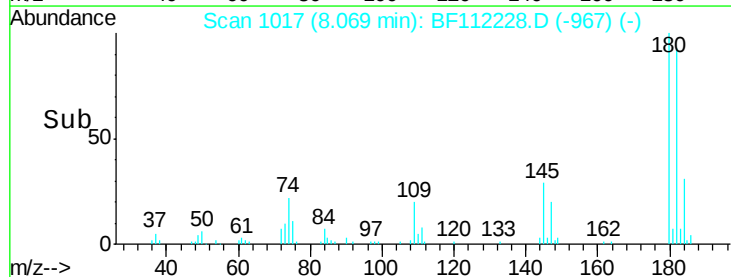
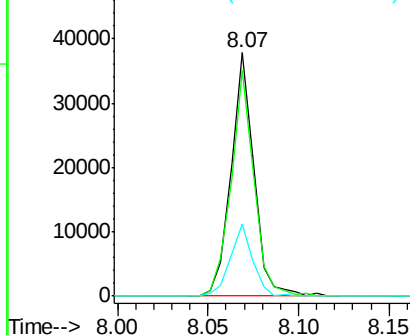


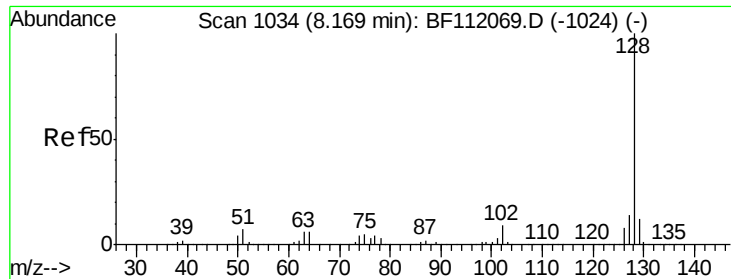
#30
1,2,4-Trichlorobenzene
Concen: 2.68 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.4	114.6
145	29.4	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

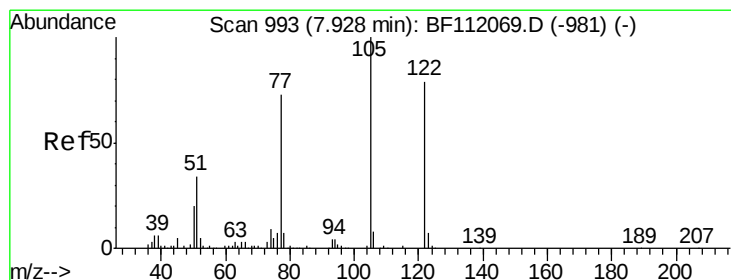
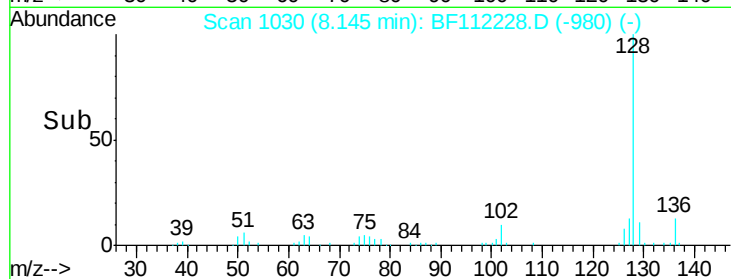
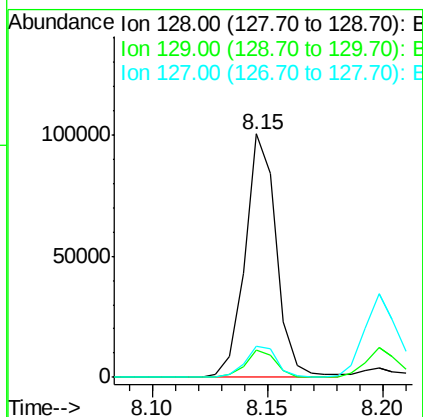
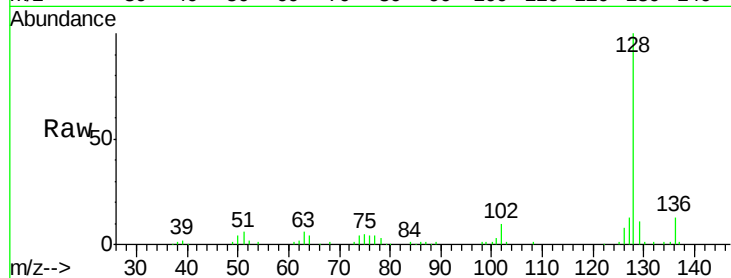




#31
Naphthalene
Concen: 2.76 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

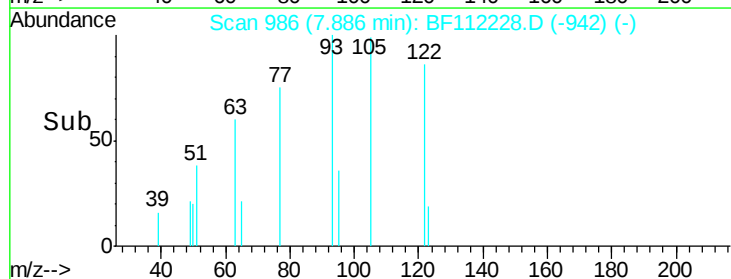
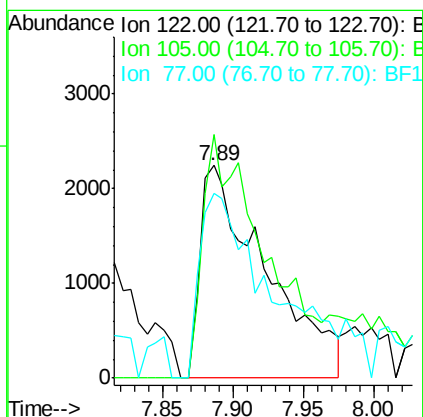
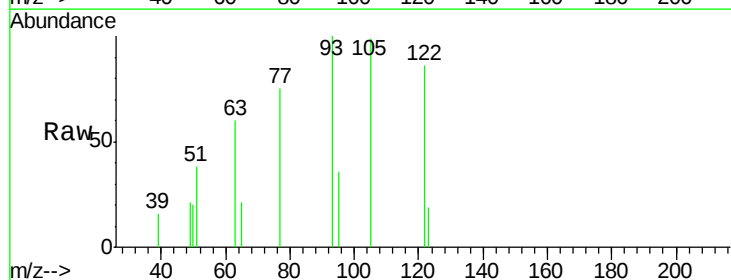
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

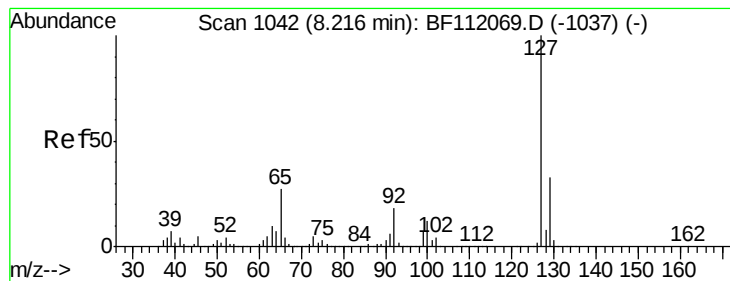
Tot Ion:128 Resp: 95069
Ion Ratio Lower Upper
128 100
129 11.2 9.6 14.4
127 12.7 11.1 16.7



#32
Benzoic acid
Concen: 1.80 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.04 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion:122 Resp: 7264
Ion Ratio Lower Upper
122 100
105 114.5 101.2 141.2
77 86.6 70.4 110.4





#33

4-Chloroaniline

Concen: 2.63 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tot Ion:127 Resp: 40735

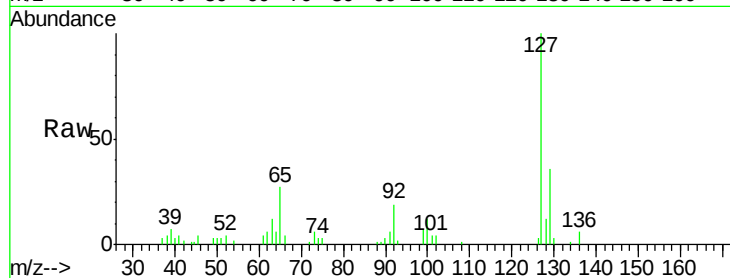
Ion Ratio Lower Upper

127 100

129 35.7 26.6 39.8

65 27.2 21.4 32.2

92 19.5 14.2 21.2

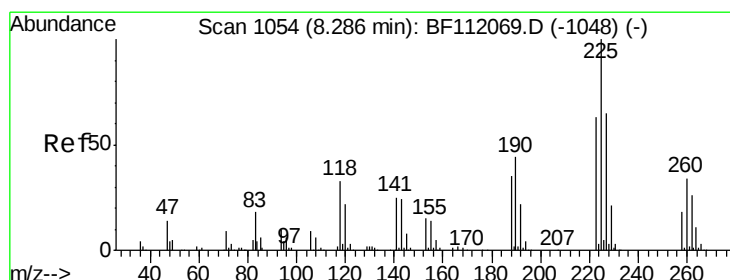
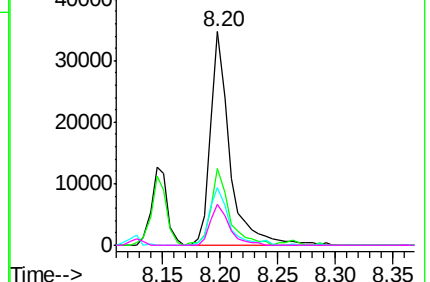
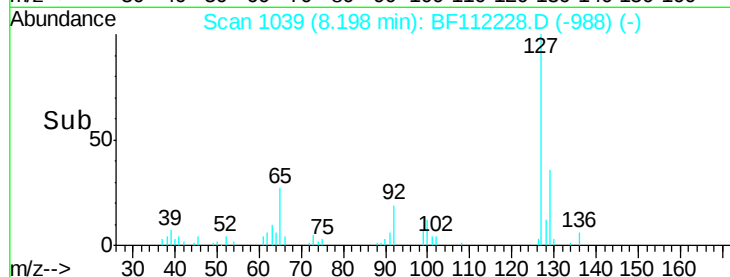


Abundance Ion 127.00 (126.70 to 127.70): E

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: 2.66 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

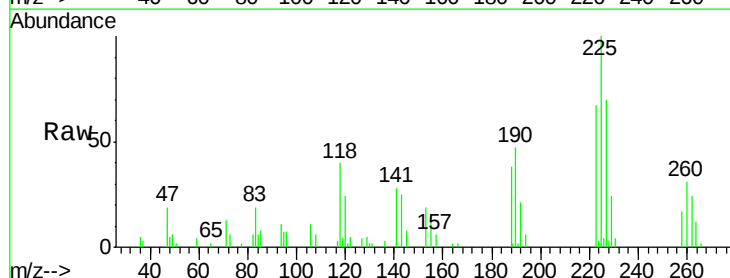
Tgt Ion:225 Resp: 18469

Ion Ratio Lower Upper

225 100

223 67.2 50.3 75.5

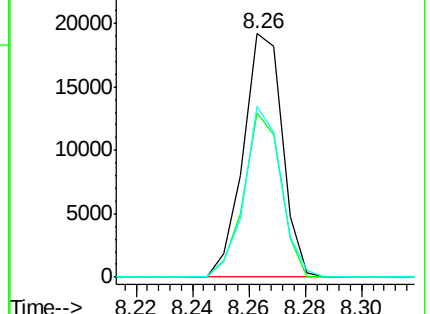
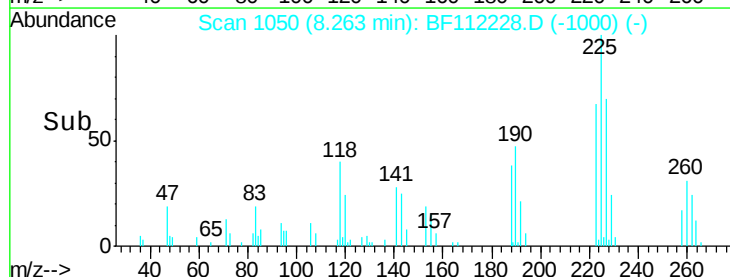
227 69.9 51.8 77.8

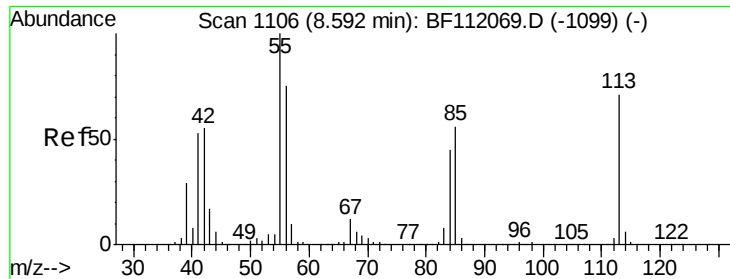


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

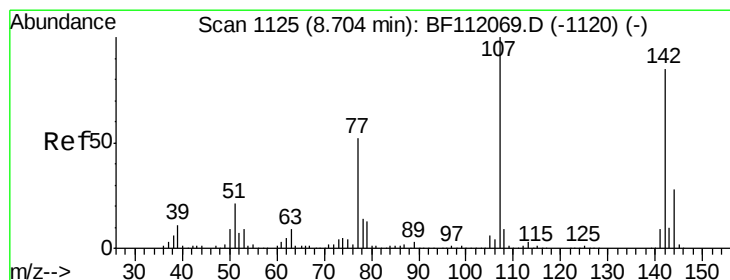
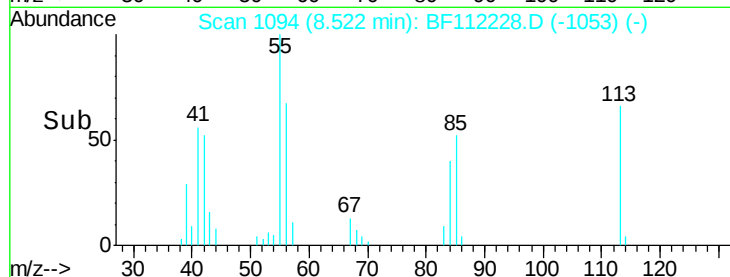
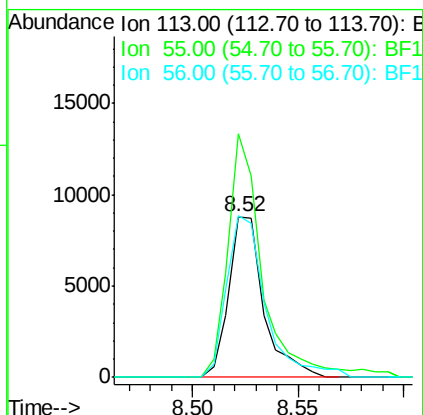
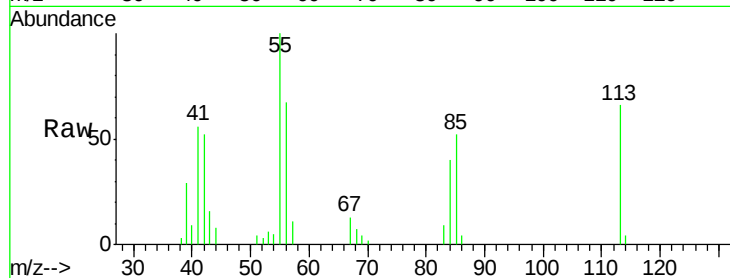




#35
Caprolactam
Concen: 2.67 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.06 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

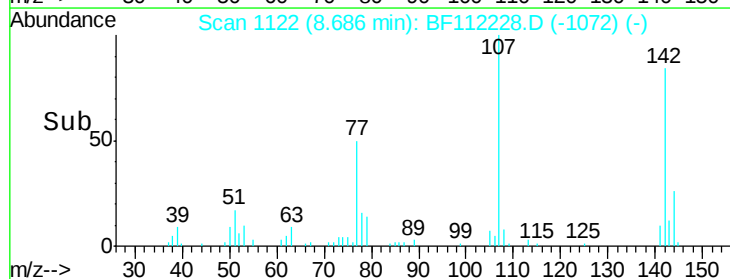
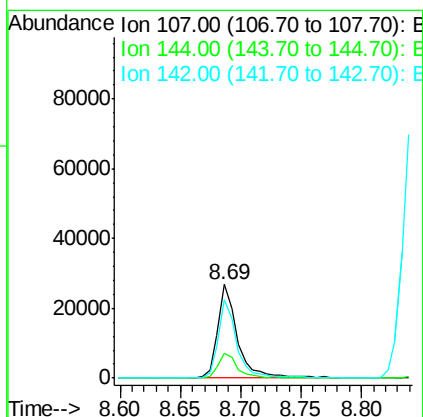
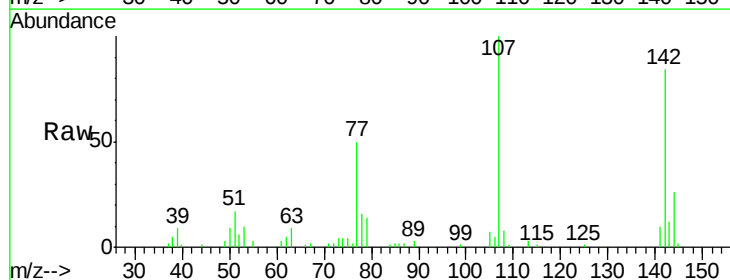
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

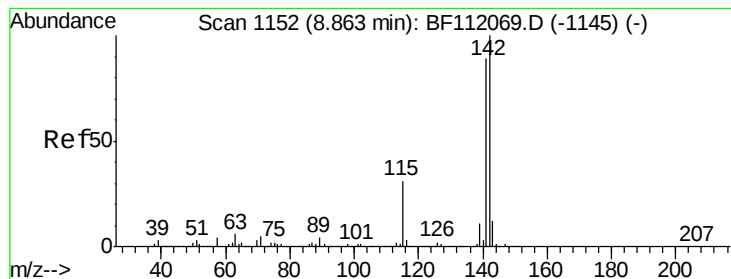
Tot Ion:113 Resp: 10027
Ion Ratio Lower Upper
113 100
55 151.3 121.6 161.6
56 100.8 86.7 126.7



#36
4-Chloro-3-methylphenol
Concen: 2.84 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion:107 Resp: 29832
Ion Ratio Lower Upper
107 100
144 26.1 22.2 33.2
142 83.9 67.7 101.5

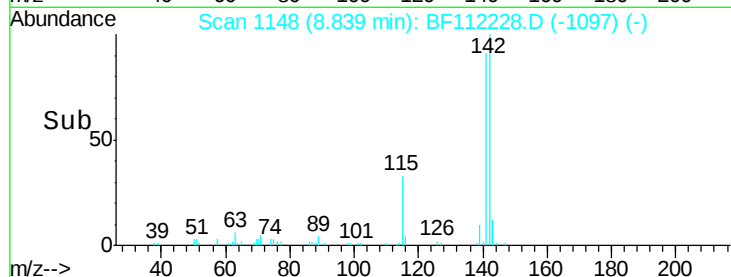
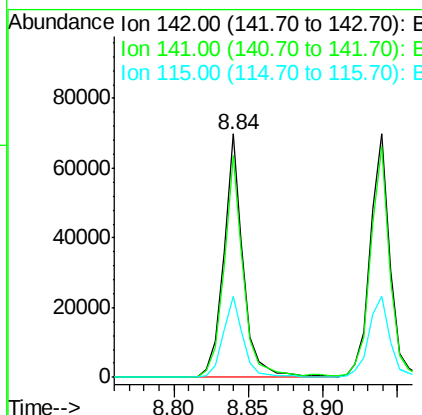
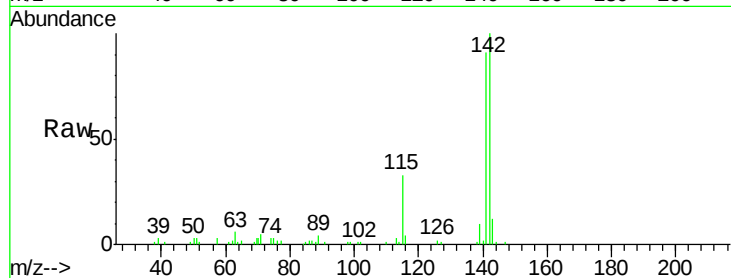




#37
 2-Methylnaphthalene
 Concen: 2.76 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

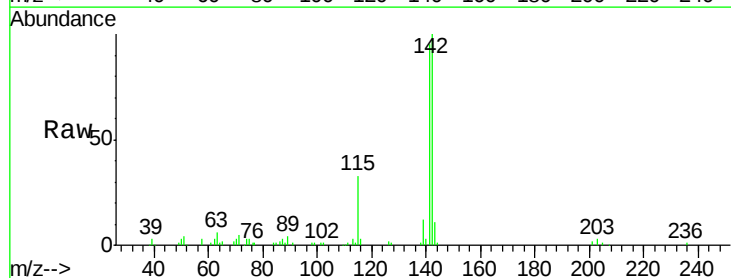
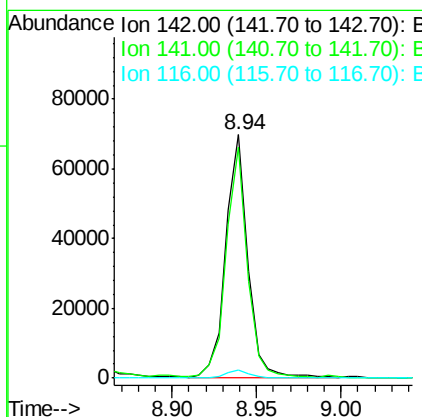
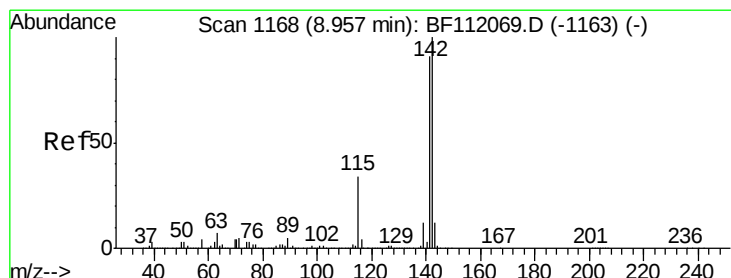
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

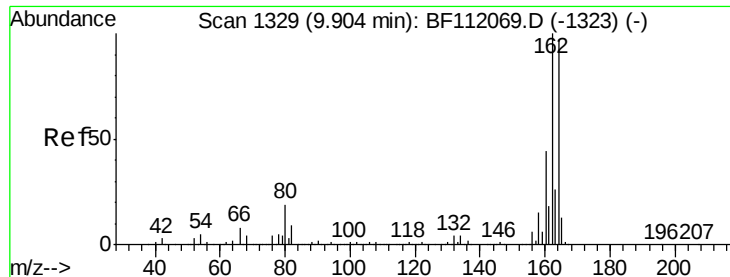
Tot Ion:142 Resp: 64541
 Ion Ratio Lower Upper
 142 100
 141 91.1 70.9 106.3
 115 33.3 24.9 37.3



#38
 1-Methylnaphthalene
 Concen: 2.83 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

Tgt Ion:142 Resp: 63666
 Ion Ratio Lower Upper
 142 100
 141 94.9 72.6 108.8
 116 3.2 2.8 4.2

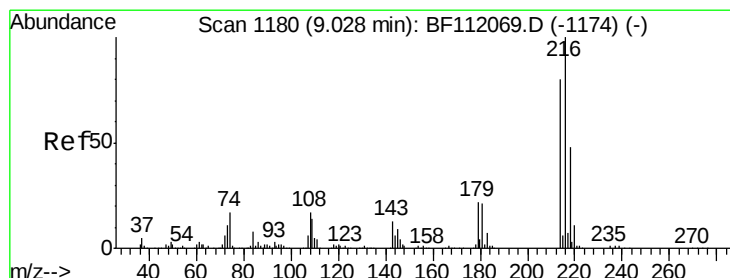
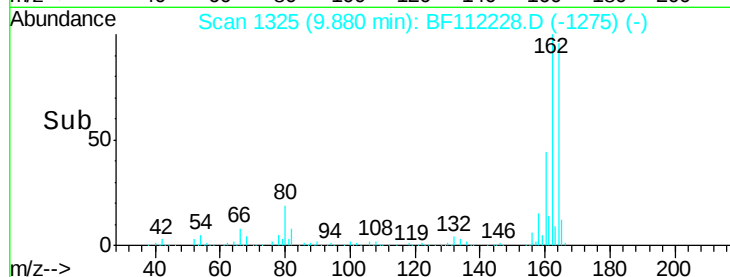
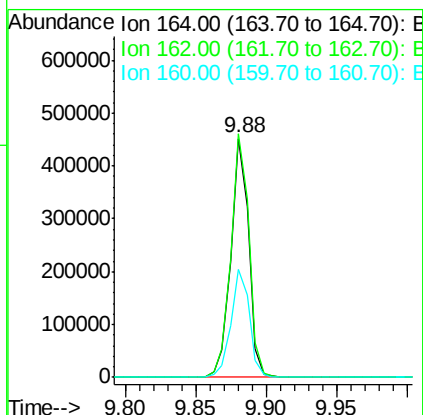
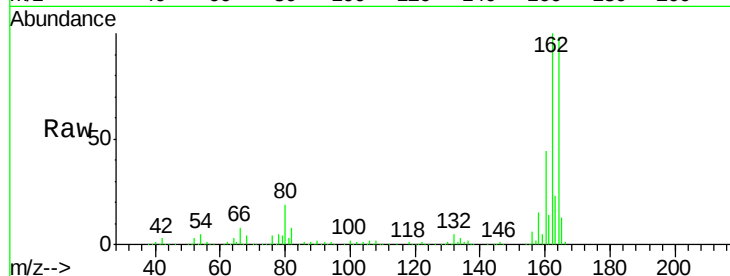




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

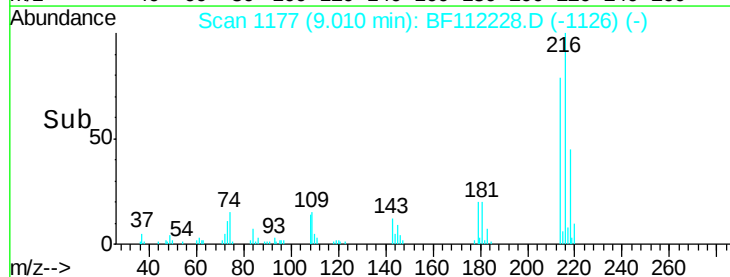
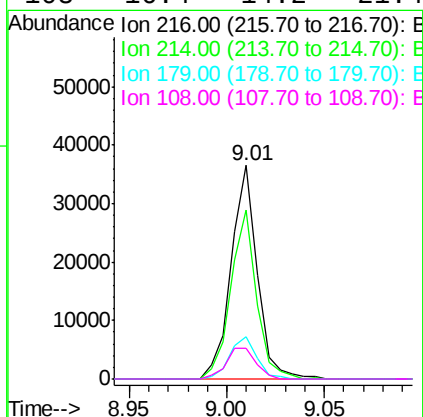
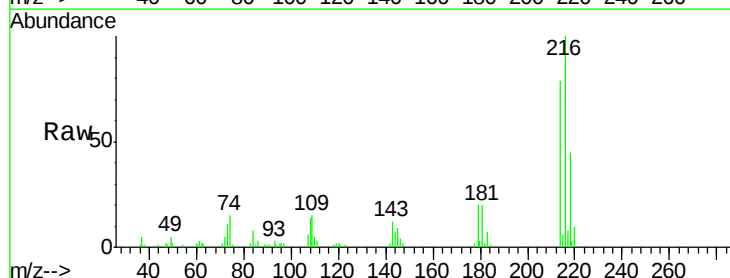
Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC2.5

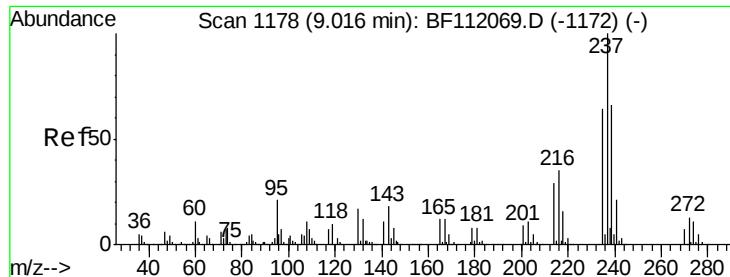
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.4
160	45.1	36.2	54.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.67 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.8	95.6
179	20.3	16.9	25.3
108	16.4	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 0.20 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

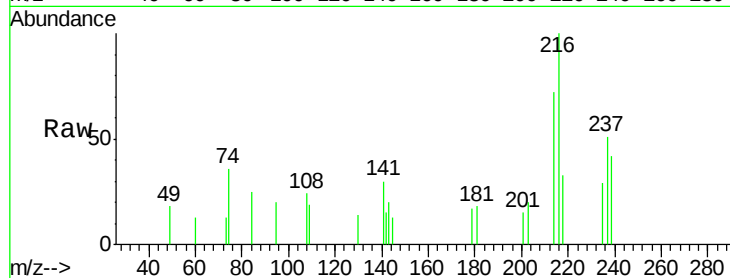
Tot Ion:237 Resp: 818

Ion Ratio Lower Upper

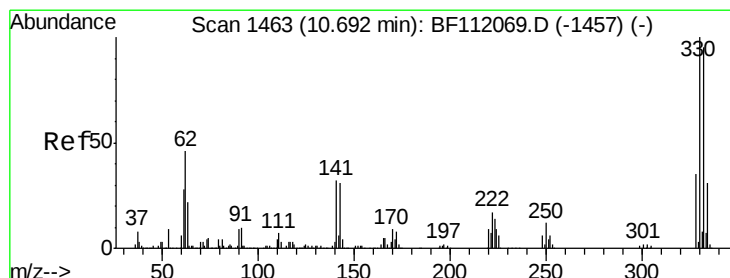
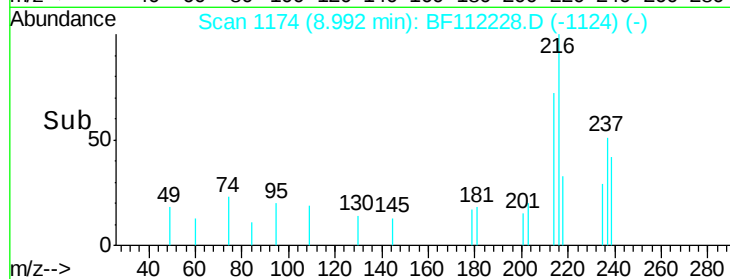
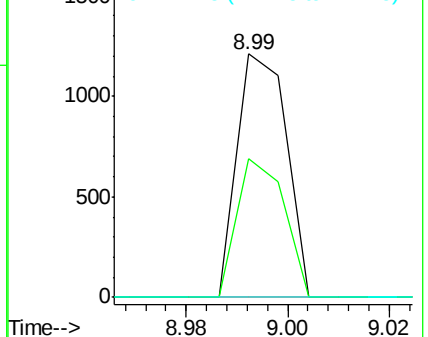
237 100

235 57.0 44.0 84.0

272 0.0 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: 5.59 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

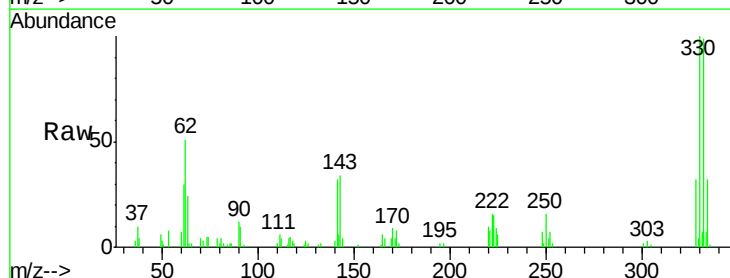
Tgt Ion:330 Resp: 23920

Ion Ratio Lower Upper

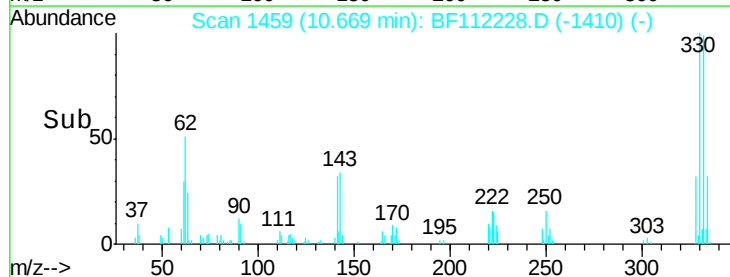
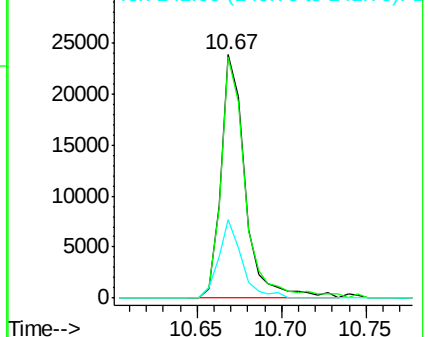
330 100

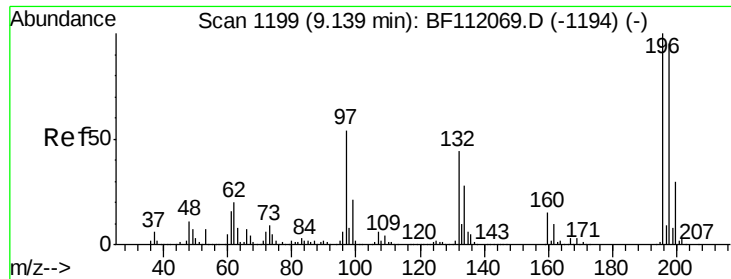
332 100.5 76.6 114.8

141 30.8 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

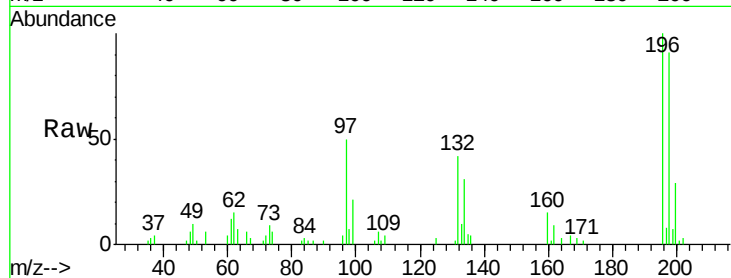




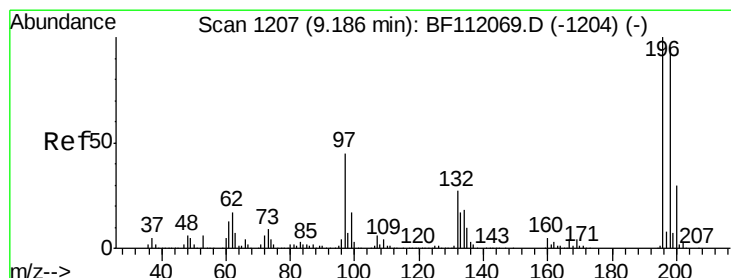
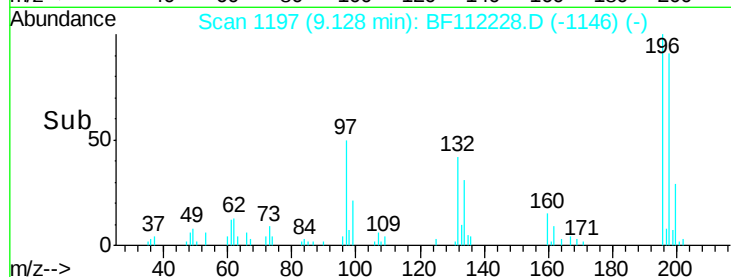
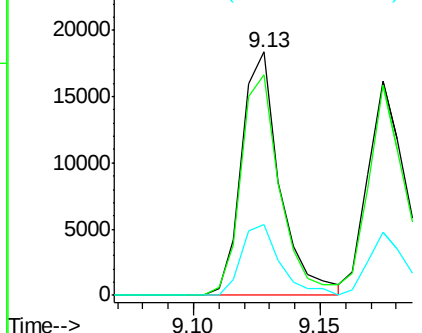
#43
 2,4,6-Trichlorophenol
 Concen: 2.53 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion:196 Resp: 19300
 Ion Ratio Lower Upper
 196 100
 198 90.5 76.2 114.4
 200 29.0 24.3 36.5



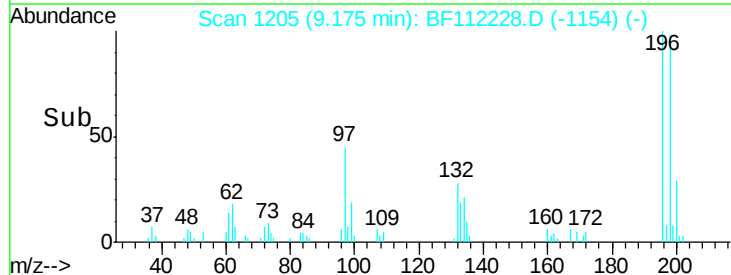
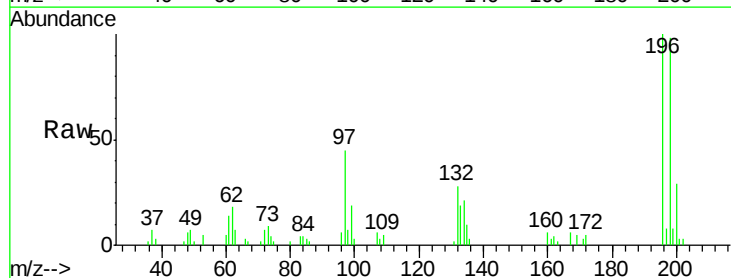
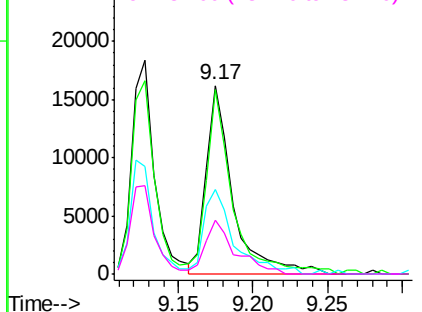
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

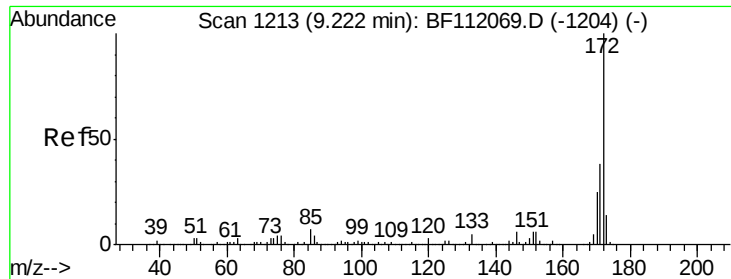


#44
 2,4,5-Trichlorophenol
 Concen: 2.47 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

Tgt Ion:196 Resp: 20047
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.0 114.0
 97 44.8 36.4 54.6
 132 28.4 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

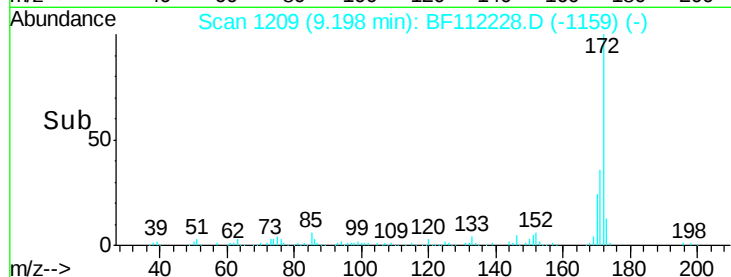
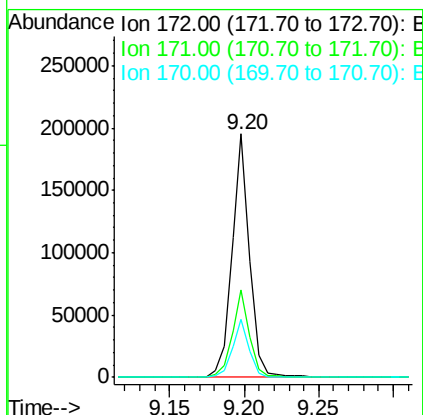
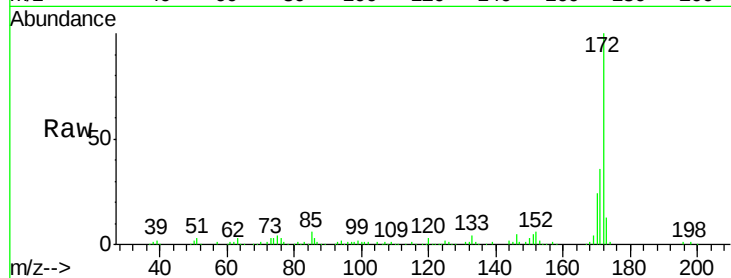




#45
 2-Fluorobiphenyl
 Concen: 6.02 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

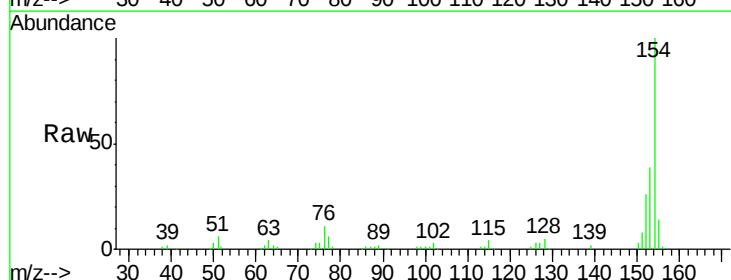
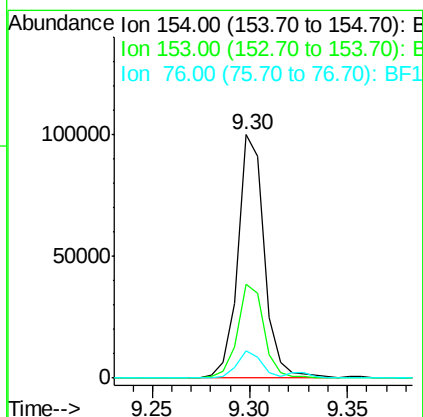
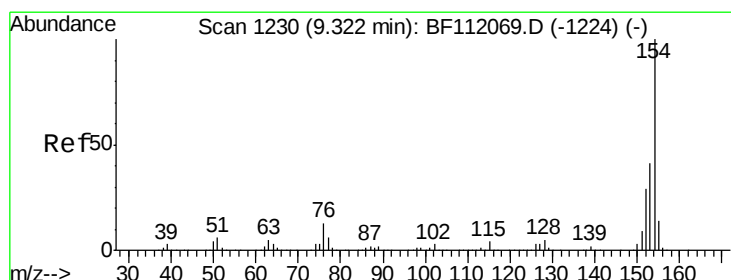
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

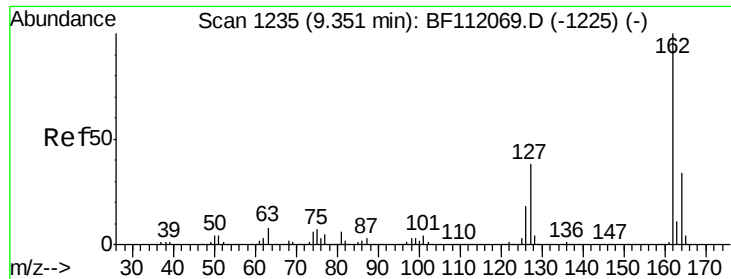
Tot Ion:172 Resp: 162952
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.5 45.7
 170 23.7 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 2.84 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

Tgt Ion:154 Resp: 94214
 Ion Ratio Lower Upper
 154 100
 153 38.6 21.5 61.5
 76 11.4 0.0 33.1

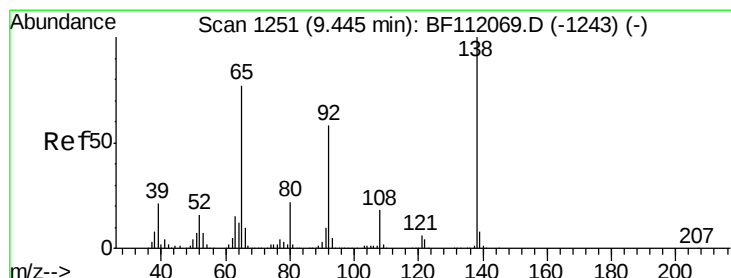
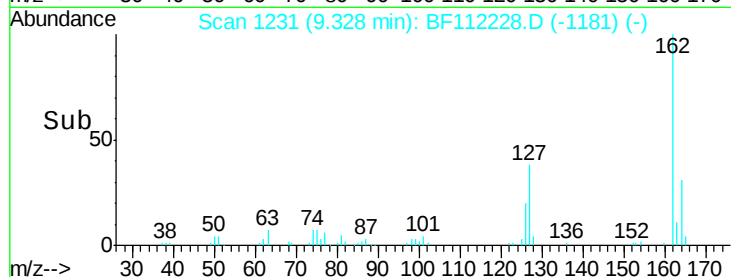
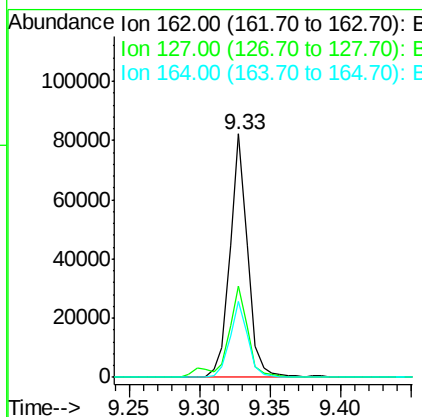
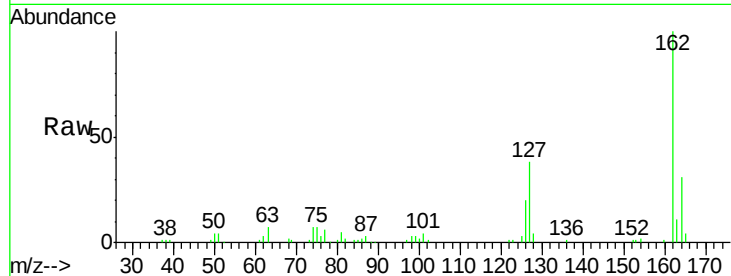




#47
 2-Chloronaphthalene
 Concen: 2.76 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

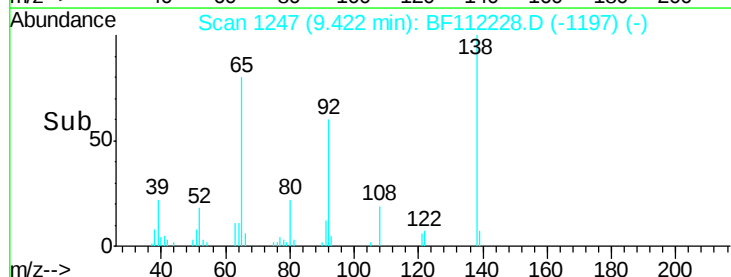
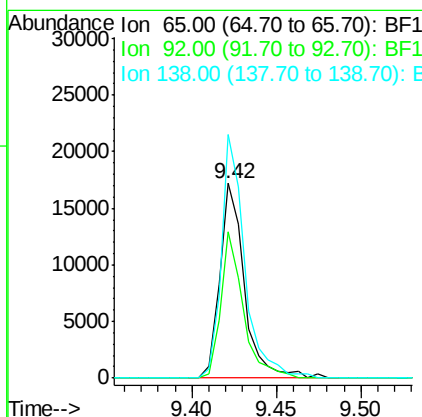
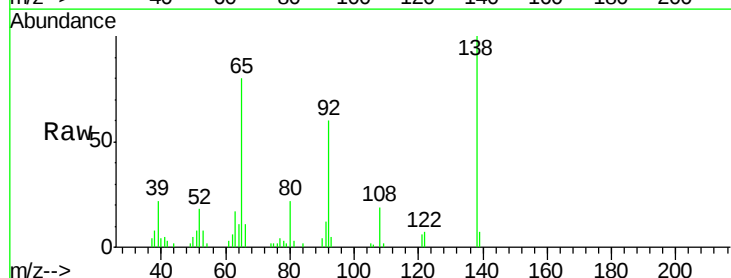
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

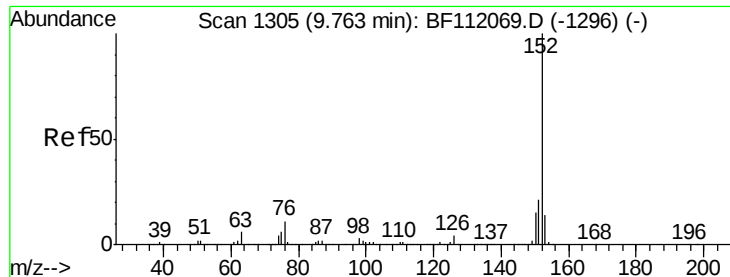
Tot Ion:162 Resp: 71696
 Ion Ratio Lower Upper
 162 100
 127 37.7 30.4 45.6
 164 31.4 27.4 41.2



#48
 2-Nitroaniline
 Concen: 3.00 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

Tgt Ion: 65 Resp: 17547
 Ion Ratio Lower Upper
 65 100
 92 75.4 60.4 90.6
 138 125.0 104.4 156.6





#49

Acenaphthylene

Concen: 2.77 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

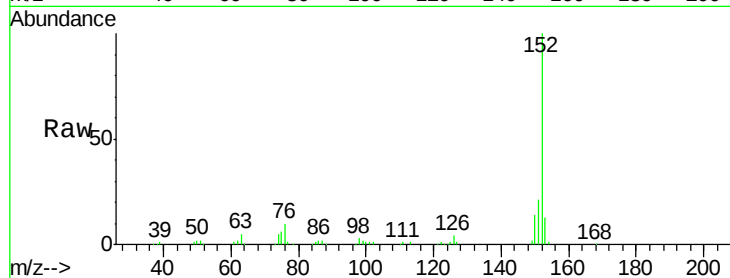
Tot Ion:152 Resp: 105050

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.6

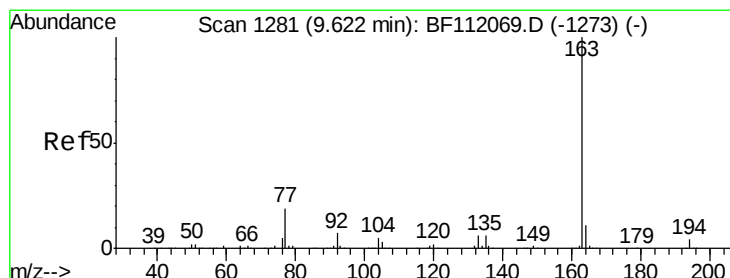
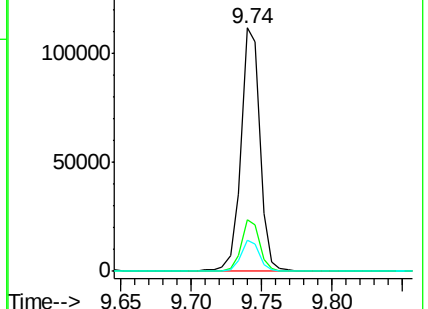
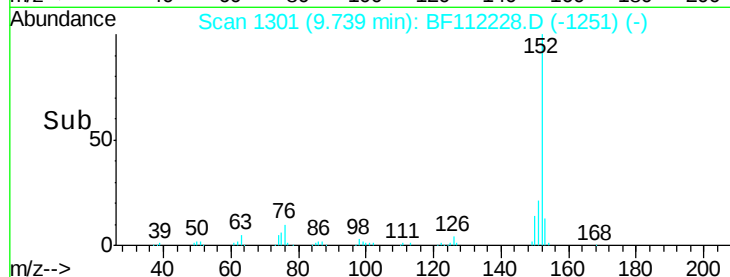
153 12.6 11.2 16.8



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: 2.88 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

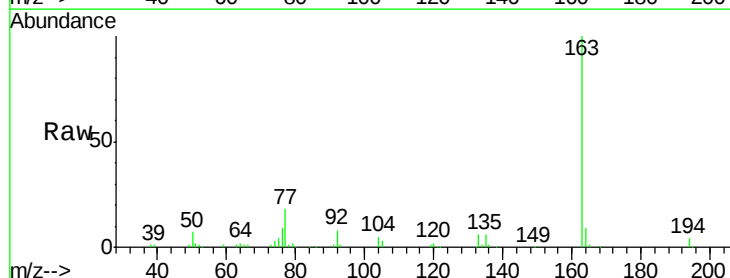
Tgt Ion:163 Resp: 83277

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

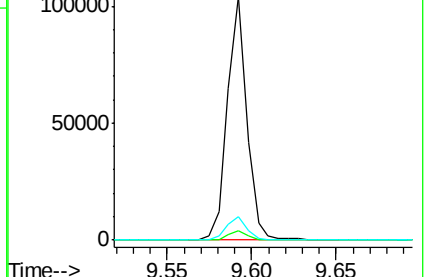
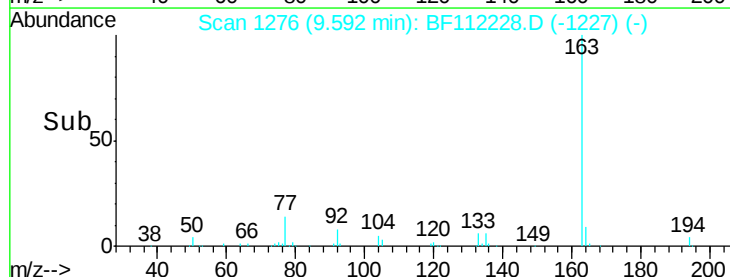
164 9.5 8.5 12.7

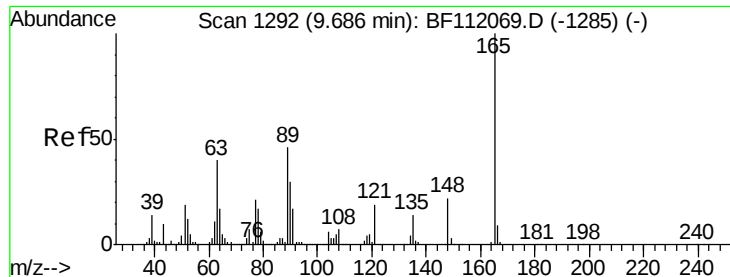


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

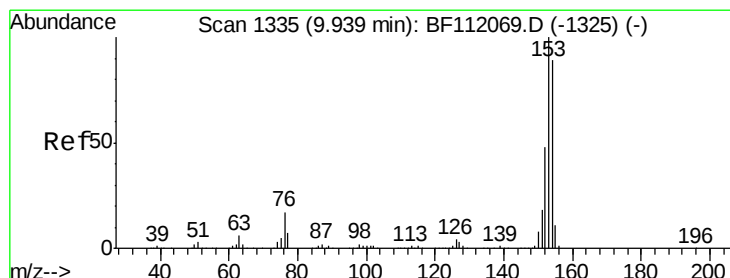
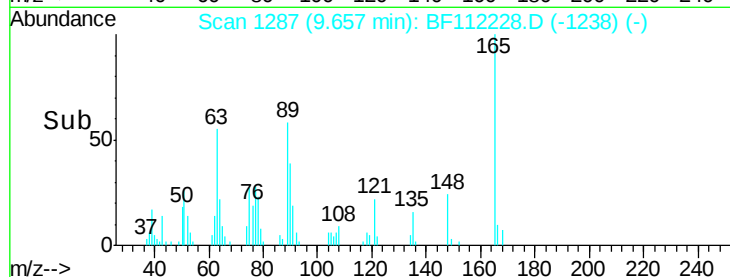
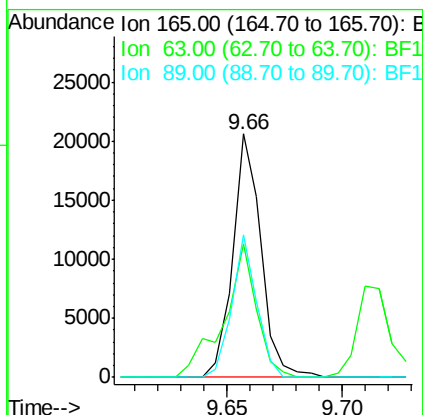
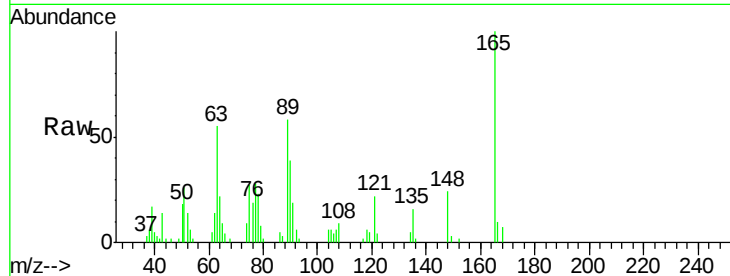




#51
2,6-Dinitrotoluene
Concen: 3.03 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

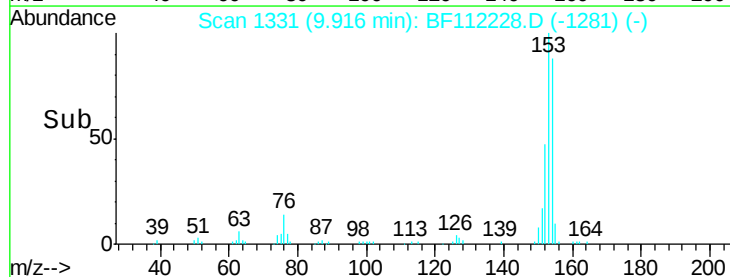
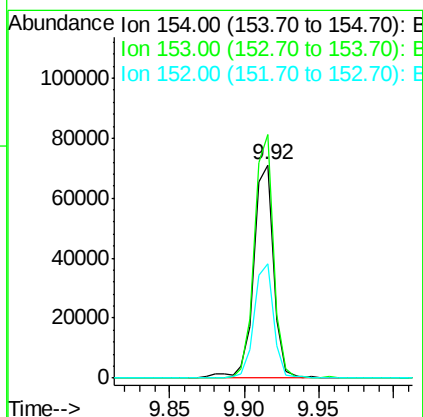
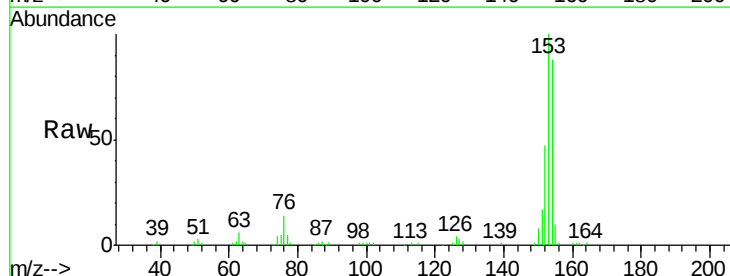
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

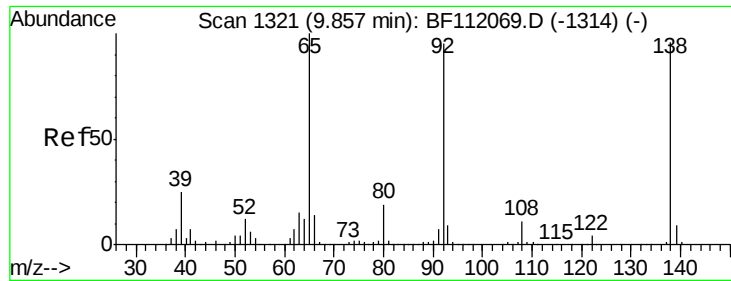
Tot Ion:165 Resp: 17476
Ion Ratio Lower Upper
165 100
63 54.8 33.8 50.8#
89 58.4 36.9 55.3#



#52
Acenaphthene
Concen: 2.82 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion:154 Resp: 65409
Ion Ratio Lower Upper
154 100
153 114.1 89.8 134.6
152 53.6 43.5 65.3

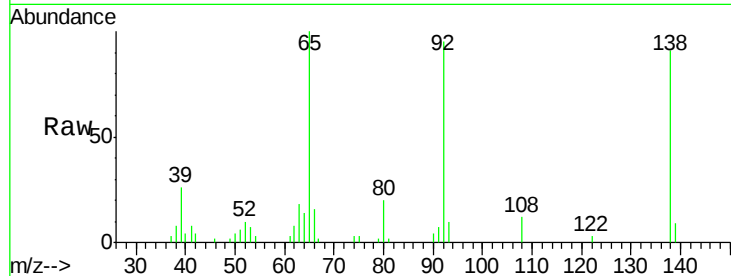




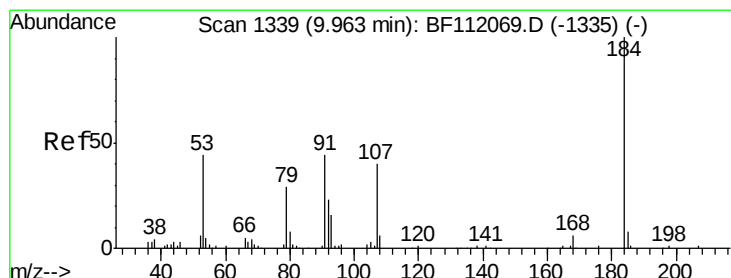
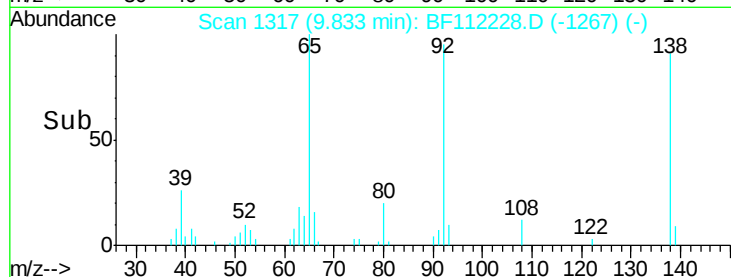
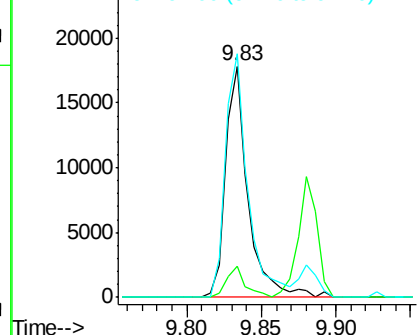
#53
3-Nitroaniline
Concen: 2.94 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion:138 Resp: 18983
Ion Ratio Lower Upper
138 100
108 13.5 9.8 14.6
92 105.2 79.4 119.2

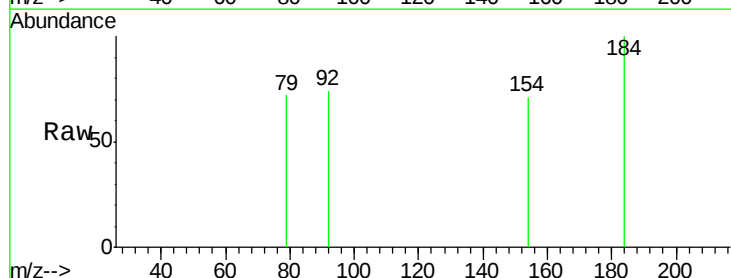


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

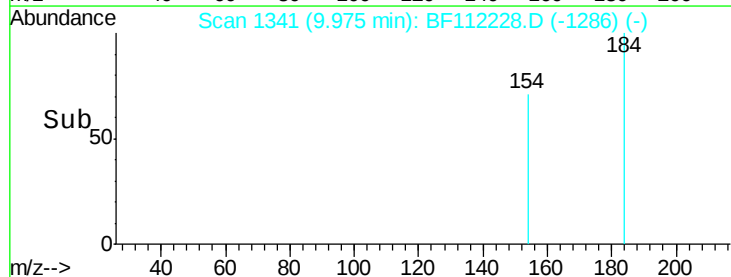
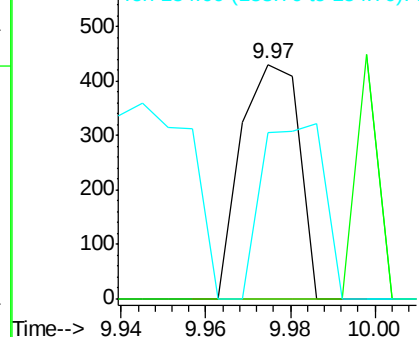


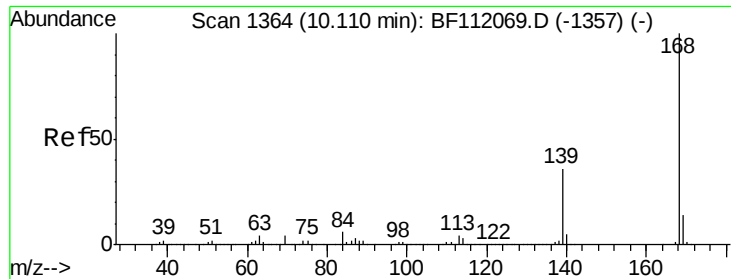
#54
2,4-Dinitrophenol
Concen: 0.33 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion:184 Resp: 410
Ion Ratio Lower Upper
184 100
63 0.0 47.1 70.7#
154 70.9 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

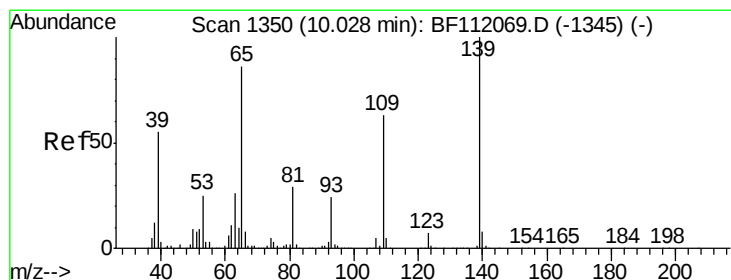
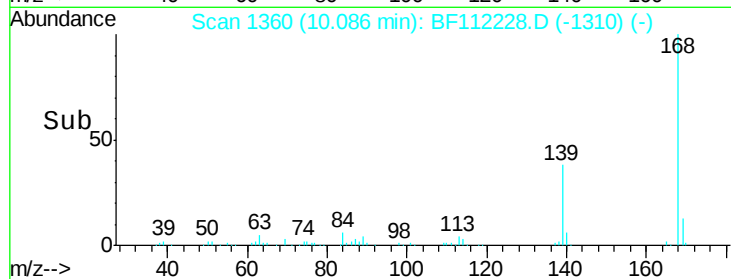
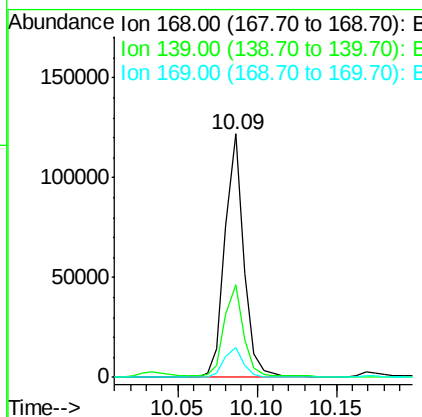
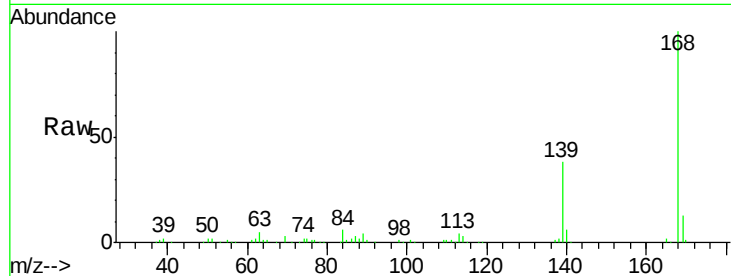




#55
Dibenzenofuran
Concen: 2.89 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

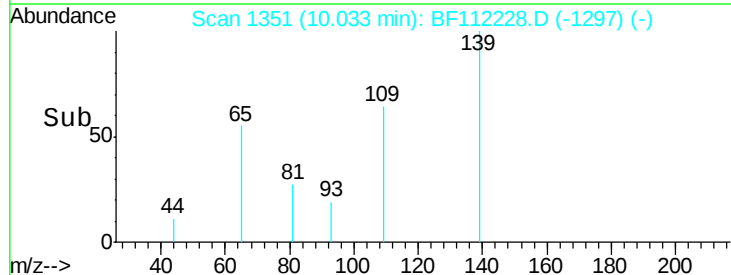
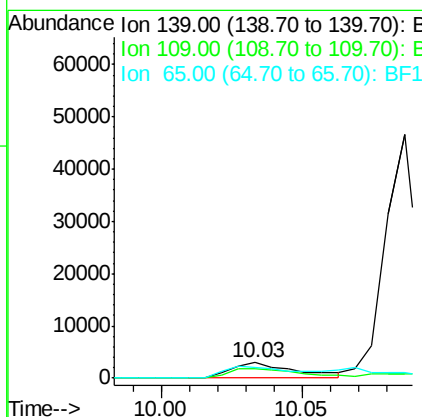
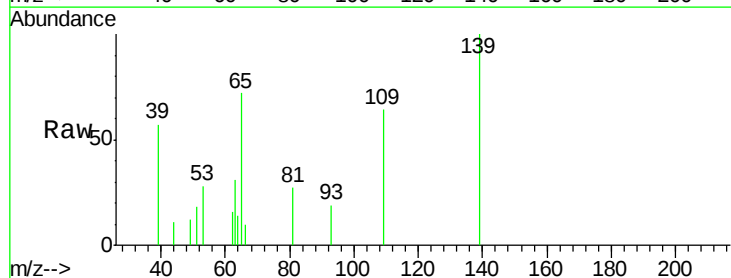
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

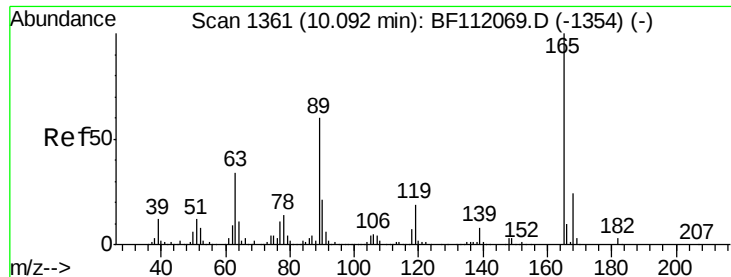
Tot Ion:168 Resp: 101272
Ion Ratio Lower Upper
168 100
139 38.2 29.2 43.8
169 12.5 11.4 17.0



#56
4-Nitrophenol
Concen: 1.17 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion:139 Resp: 4683
Ion Ratio Lower Upper
139 100
109 63.6 42.8 82.8
65 71.9 66.1 106.1

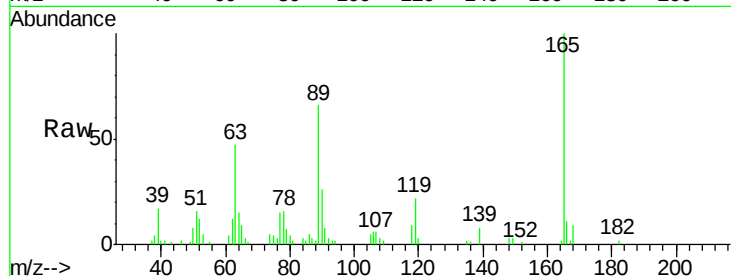




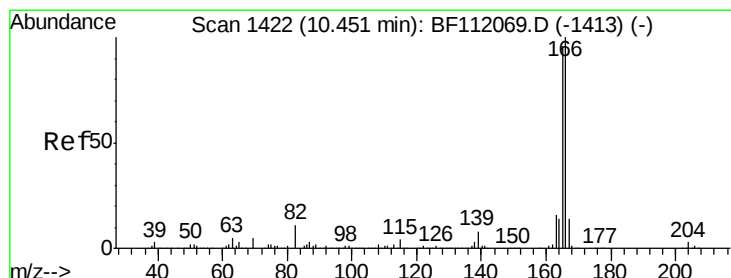
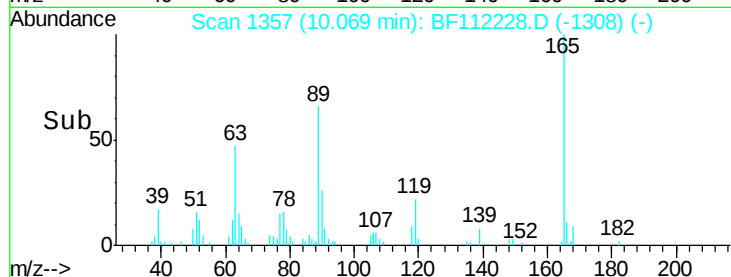
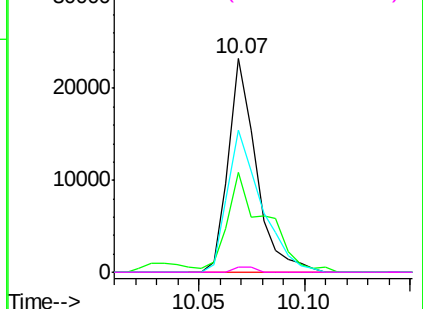
#57
2,4-Dinitrotoluene
Concen: 3.08 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion:165 Resp: 21233
Ion Ratio Lower Upper
165 100
63 46.9 27.9 41.9#
89 66.4 47.9 71.9
182 2.5 2.2 3.4

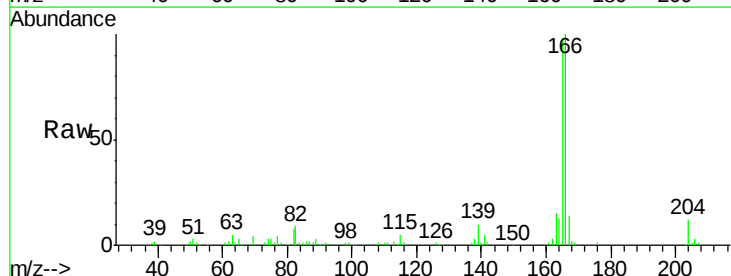


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

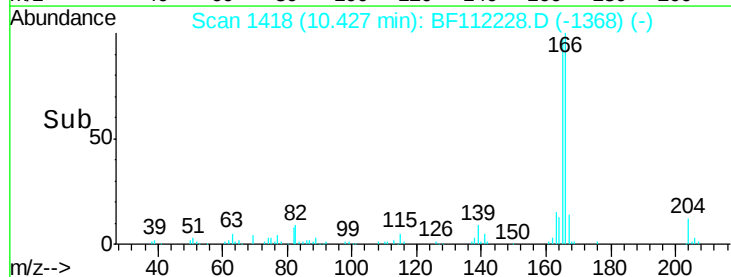
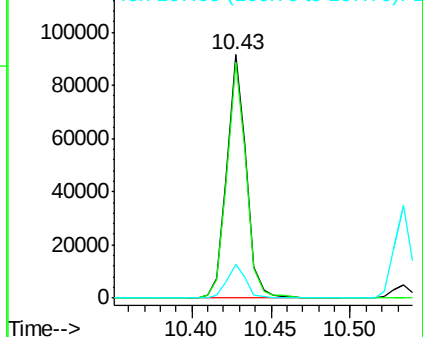


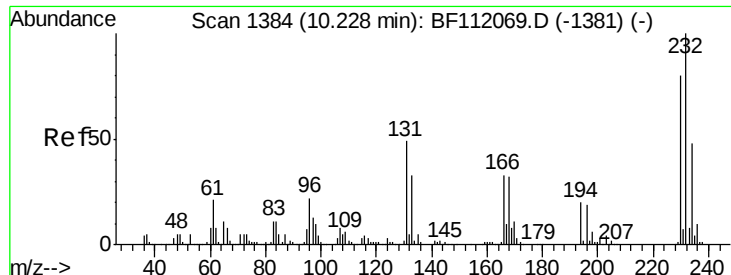
#58
Fluorene
Concen: 2.95 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion:166 Resp: 77302
Ion Ratio Lower Upper
166 100
165 96.8 77.1 115.7
167 13.6 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

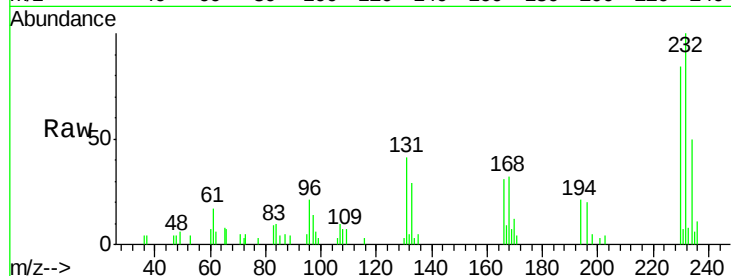




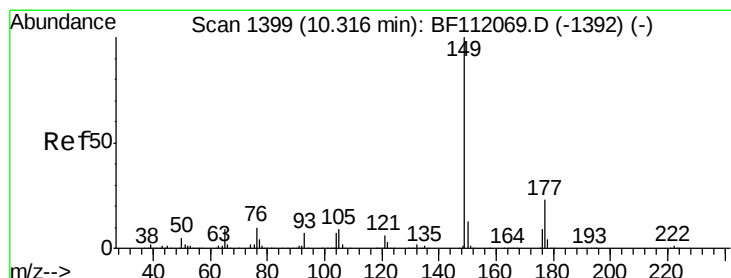
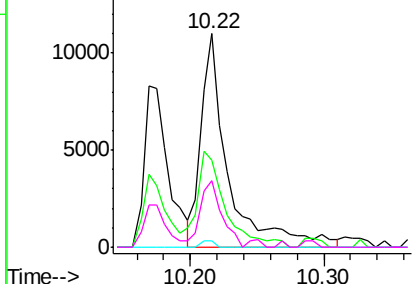
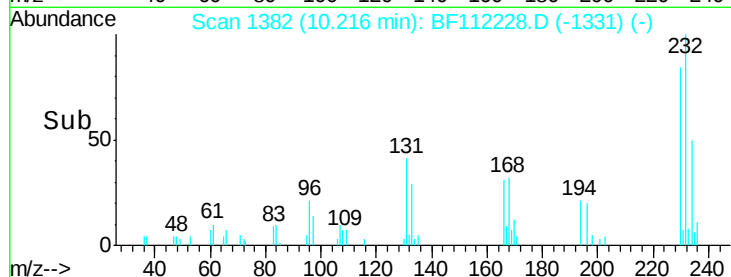
#59
2,3,4,6-Tetrachlorophenol
Concen: 2.54 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion:232 Resp: 15576
Ion Ratio Lower Upper
232 100
131 47.0 33.9 50.9
130 1.5 1.8 2.6#
166 26.7 23.6 35.4

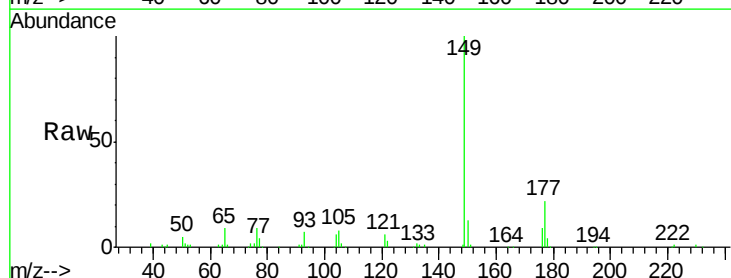


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

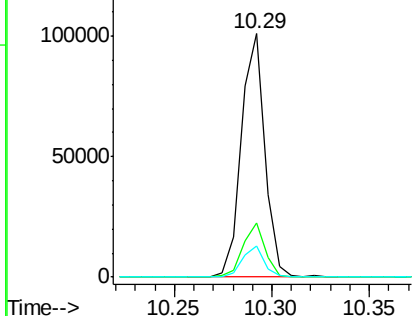
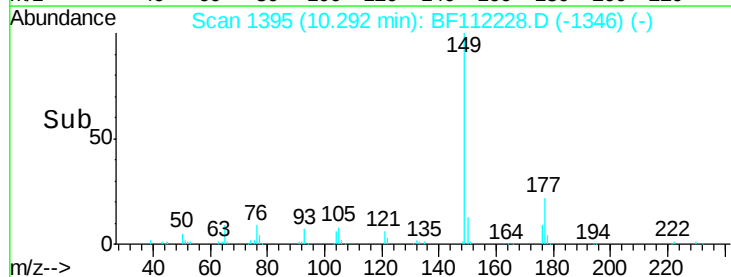


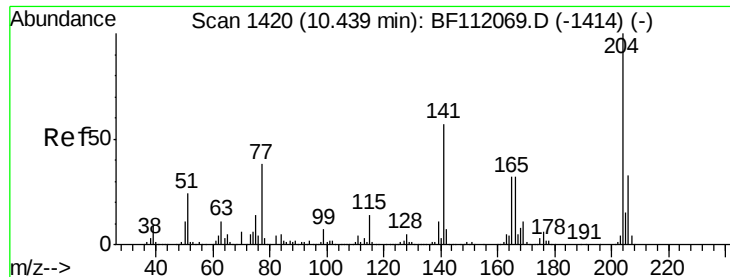
#60
Diethylphthalate
Concen: 2.99 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion:149 Resp: 84445
Ion Ratio Lower Upper
149 100
177 22.4 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

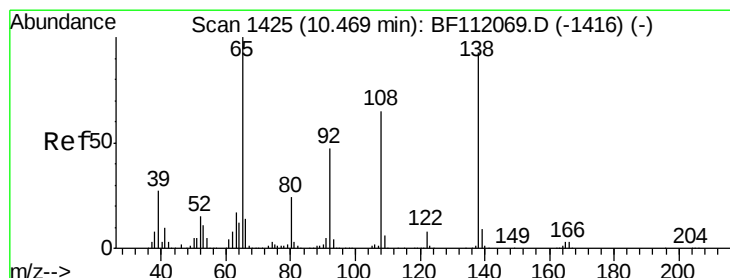
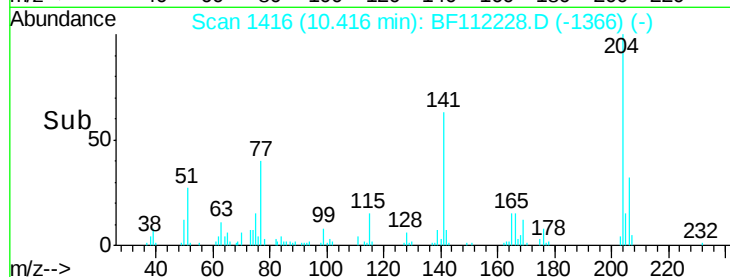
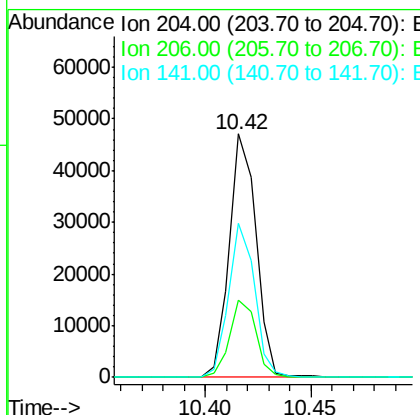
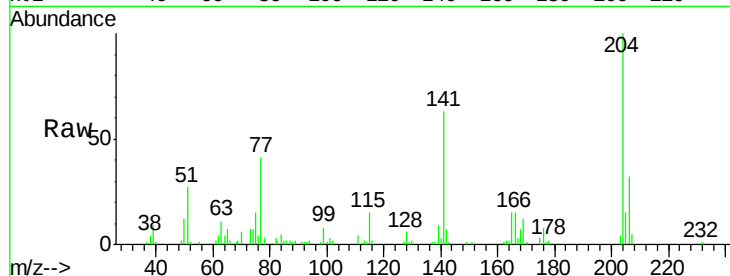




#61
4-Chlorophenyl-phenylether
Concen: 2.92 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

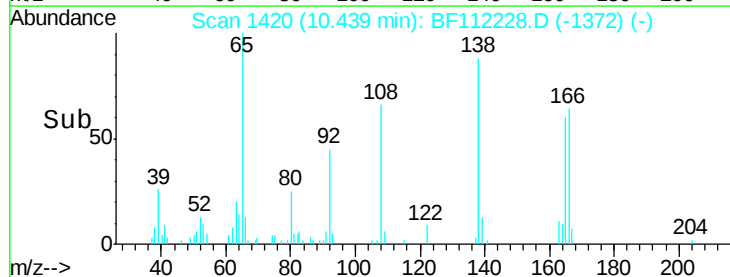
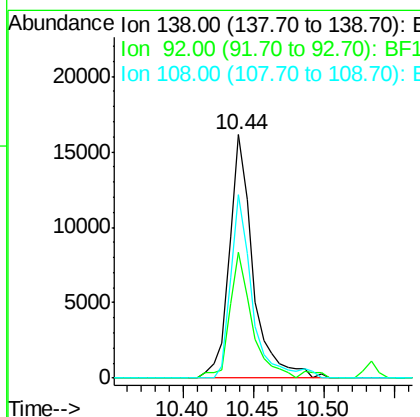
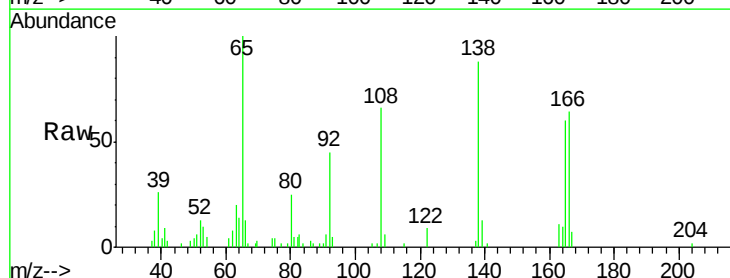
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

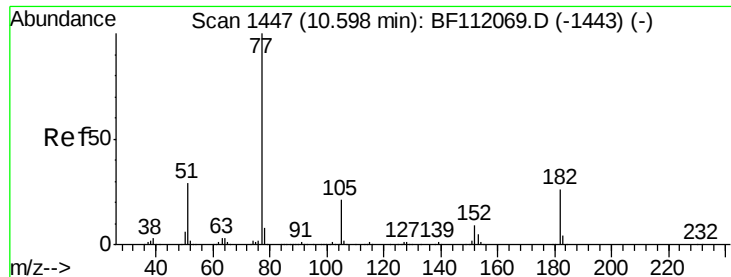
Tot Ion:204 Resp: 41326
Ion Ratio Lower Upper
204 100
206 31.7 26.5 39.7
141 63.4 45.9 68.9



#62
4-Nitroaniline
Concen: 2.93 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion:138 Resp: 18790
Ion Ratio Lower Upper
138 100
92 51.6 30.6 70.6
108 75.2 50.0 90.0

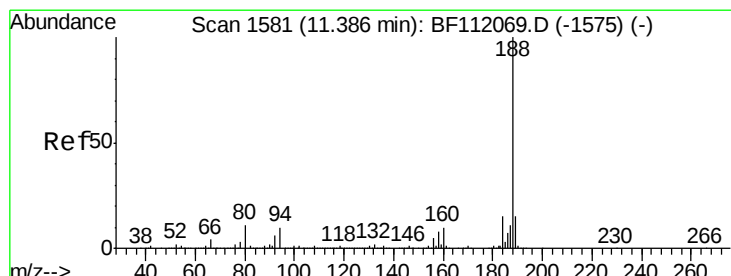
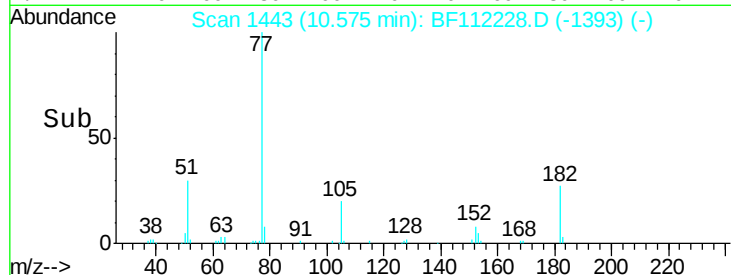
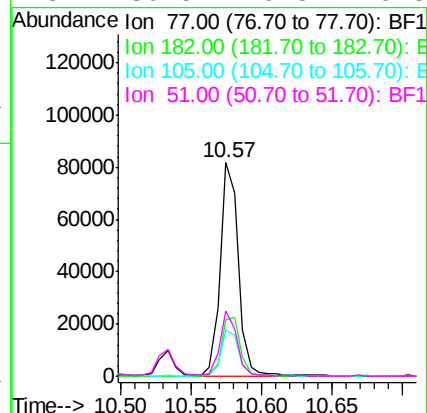
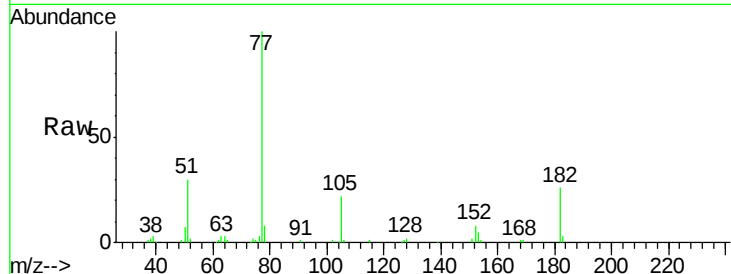




#63
Azobenzene
Concen: 2.72 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

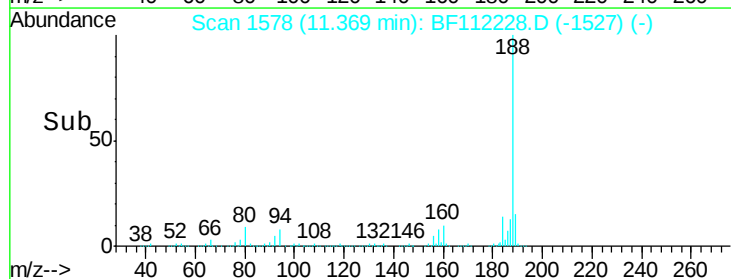
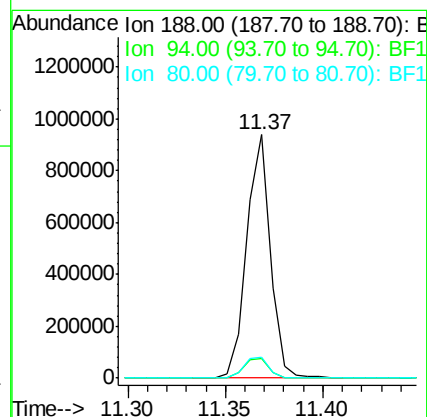
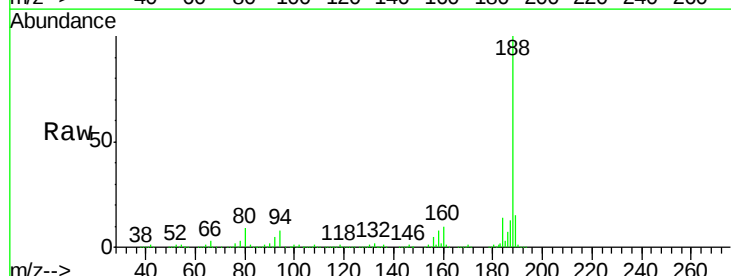
Instrument :
BNA_F
ClientSampleId :
SSTDIC2.5

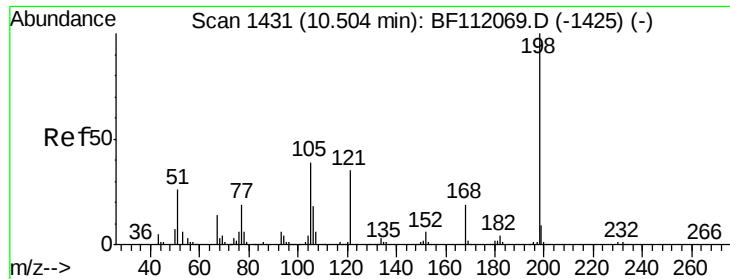
Tot Ion:	77	Resp:	73643
Ion	Ratio	Lower	Upper
77	100		
182	26.5	5.7	45.7
105	21.5	1.4	41.4
51	30.5	9.5	49.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion:	188	Resp:	789767
Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.2	12.2#
80	8.7	8.9	13.3#





#65

4,6-Dinitro-2-methylphenol

Concen: 1.77 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

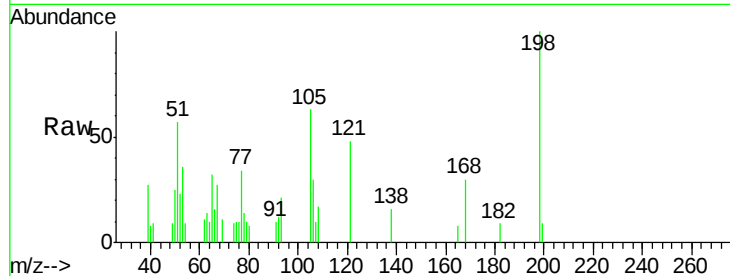
Tot Ion:198 Resp: 4965

Ion Ratio Lower Upper

198 100

51 56.8 17.2 57.2

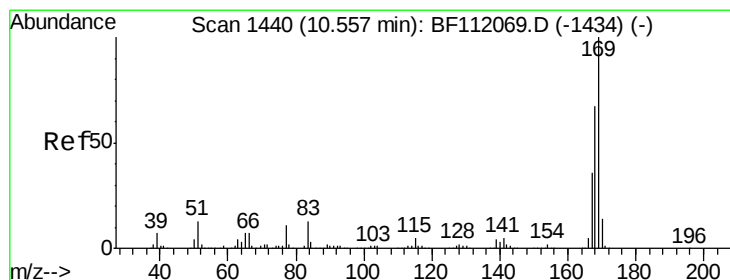
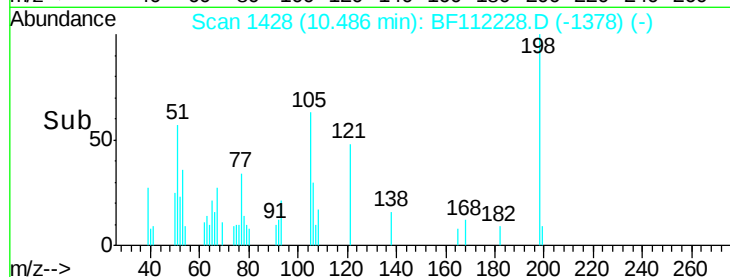
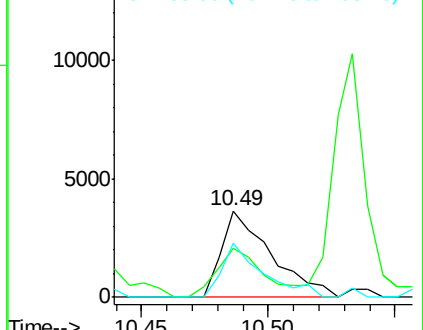
105 63.1 21.9 61.9#



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: 2.78 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

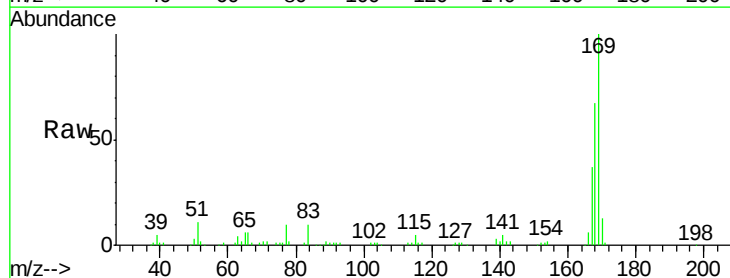
Tgt Ion:169 Resp: 72470

Ion Ratio Lower Upper

169 100

168 66.7 53.9 80.9

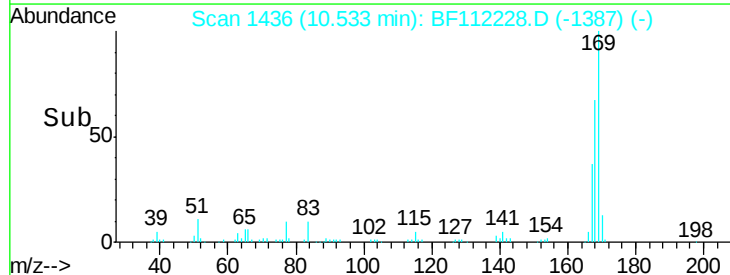
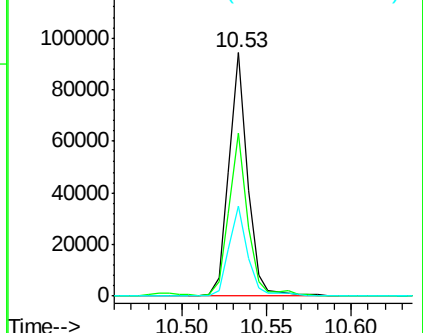
167 37.2 28.9 43.3

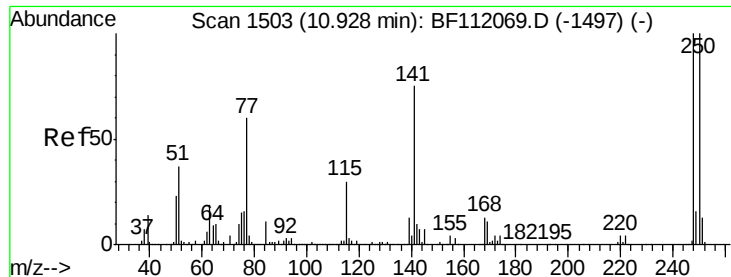


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

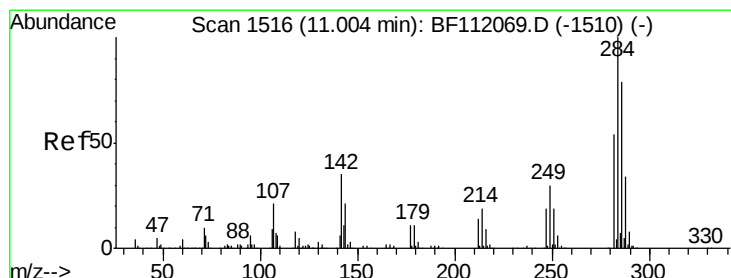
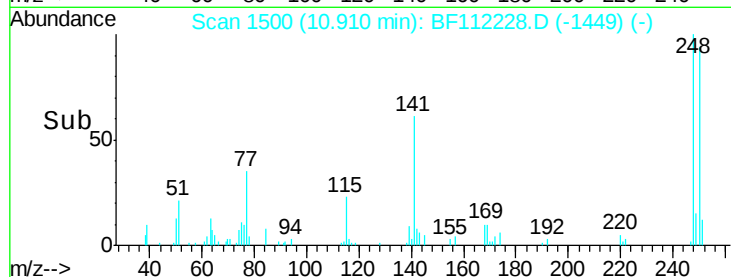
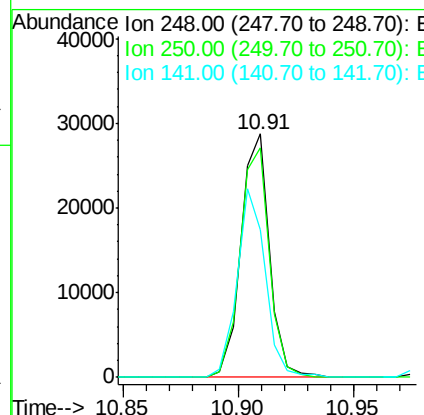
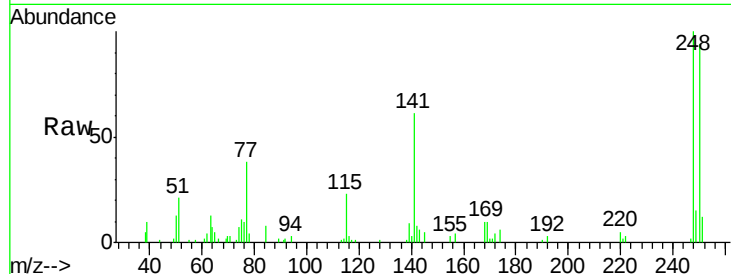




#67
 4-Bromophenyl-phenylether
 Concen: 2.70 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

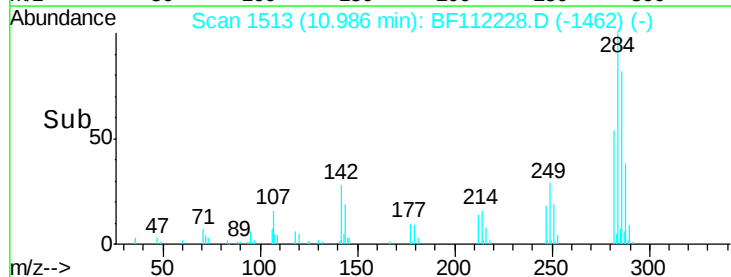
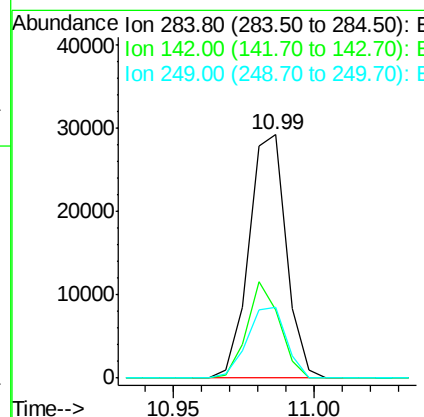
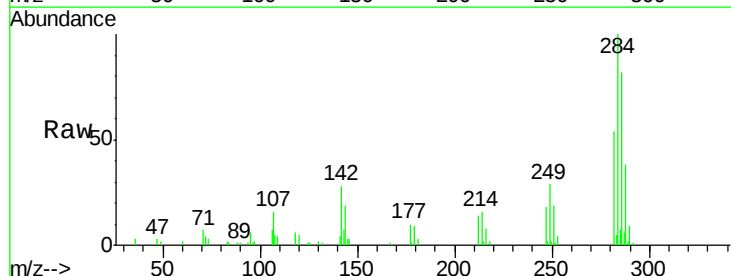
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

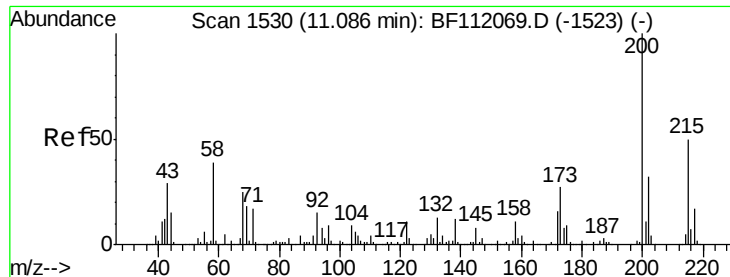
Tot Ion:248 Resp: 24808
 Ion Ratio Lower Upper
 248 100
 250 94.4 79.7 119.5
 141 60.6 60.3 90.5



#68
 Hexachlorobenzene
 Concen: 2.71 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

Tgt Ion:284 Resp: 26761
 Ion Ratio Lower Upper
 284 100
 142 28.0 27.6 41.4
 249 28.9 24.1 36.1

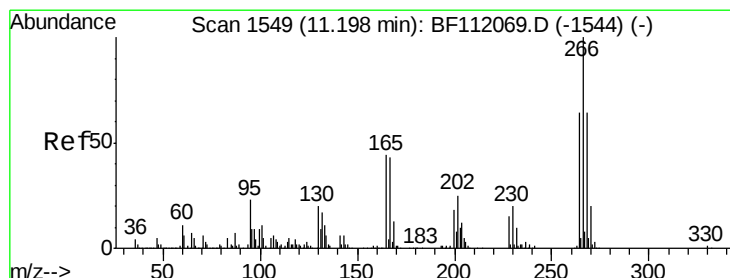
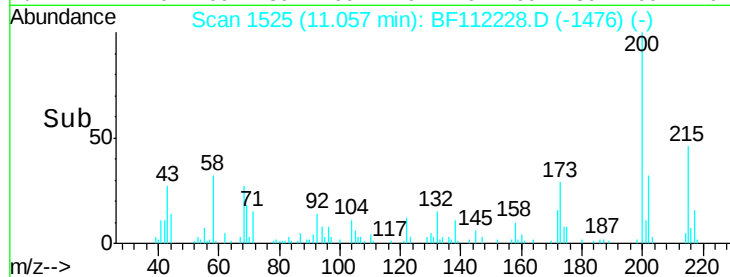
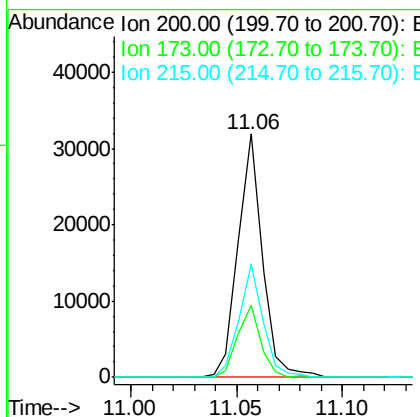
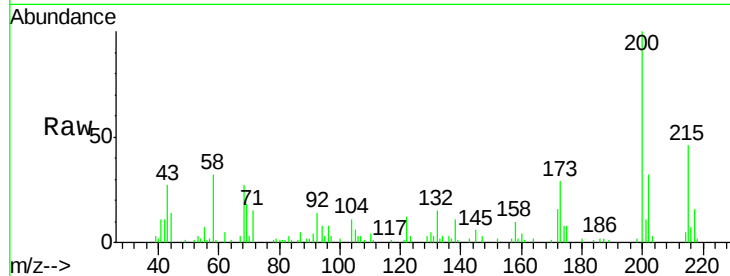




#69
Atrazine
Concen: 3.01 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

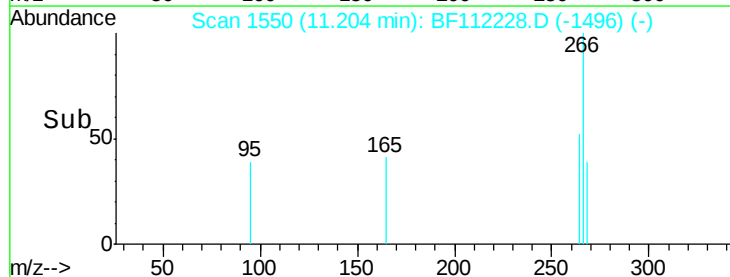
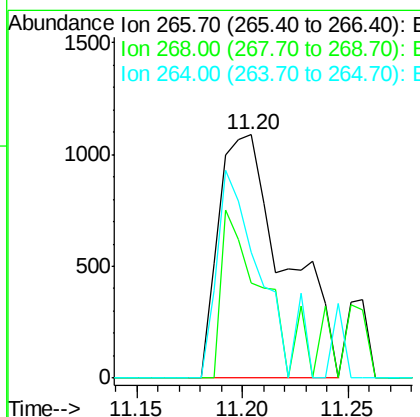
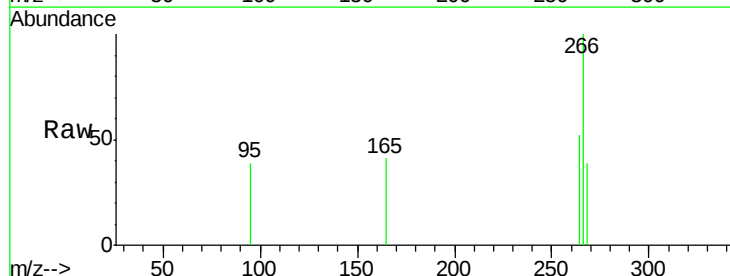
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

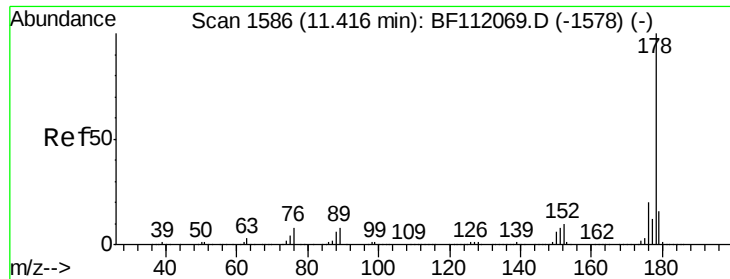
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.5	7.1	47.1
215	46.4	30.4	70.4



#70
Pentachlorophenol
Concen: 0.58 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.02 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	38.9	51.2	76.8#
264	51.6	50.9	76.3

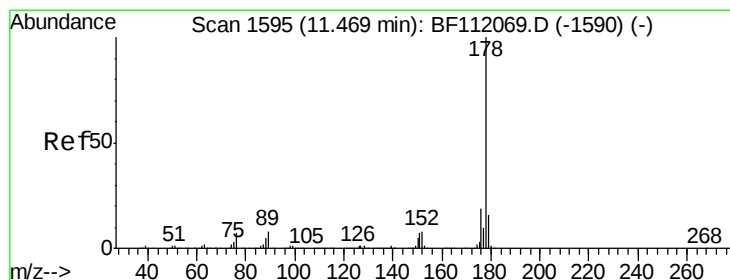
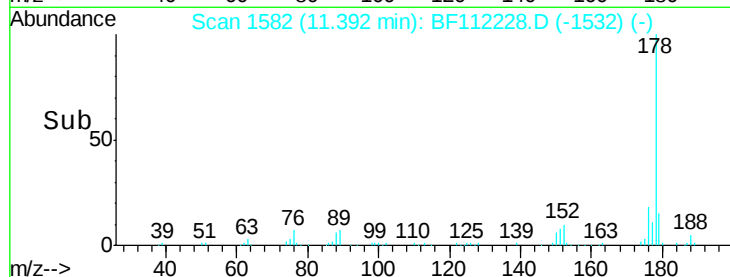
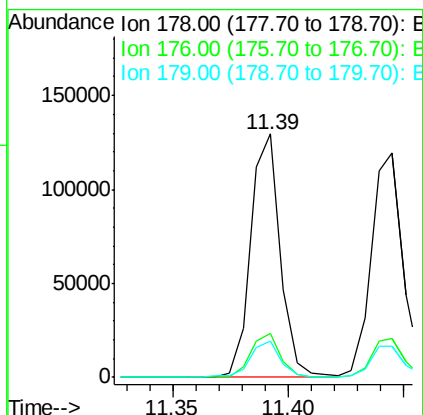
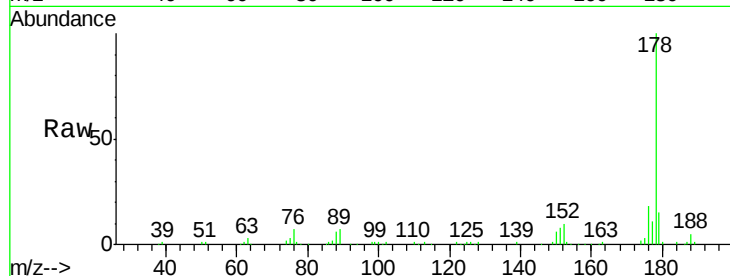




#71
Phenanthrene
Concen: 2.93 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

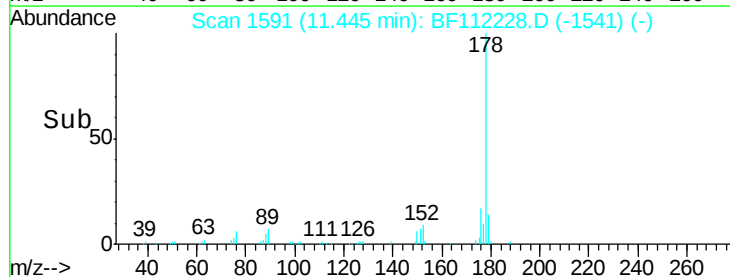
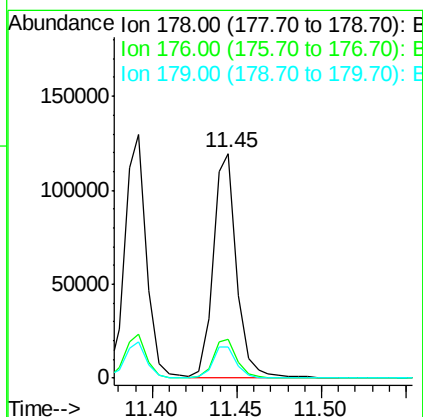
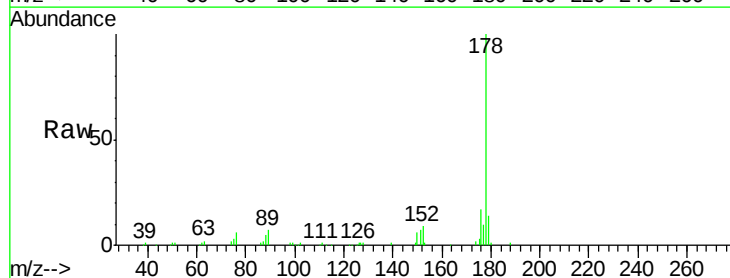
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

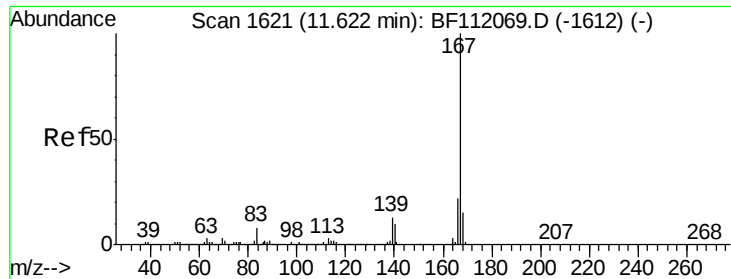
Tot Ion:178 Resp: 116565
Ion Ratio Lower Upper
178 100
176 17.9 16.3 24.5
179 14.9 13.0 19.4



#72
Anthracene
Concen: 2.90 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion:178 Resp: 116602
Ion Ratio Lower Upper
178 100
176 17.4 15.5 23.3
179 13.9 12.8 19.2





#73

Carbazole

Concen: 2.80 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

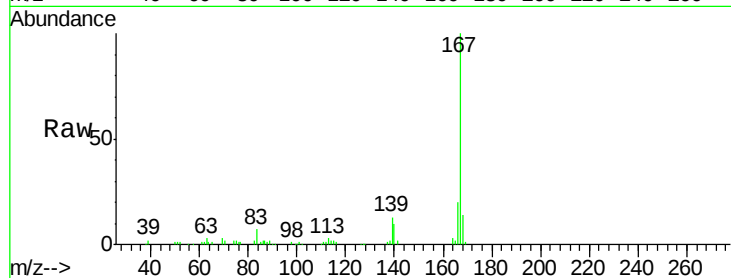
Tot Ion:167 Resp: 112979

Ion Ratio Lower Upper

167 100

166 20.1 17.9 26.9

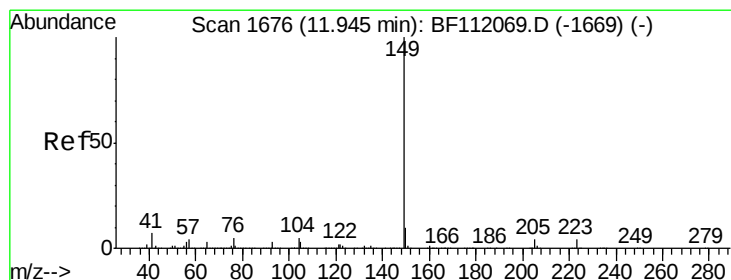
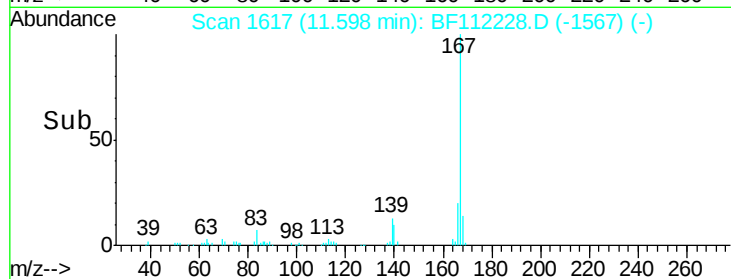
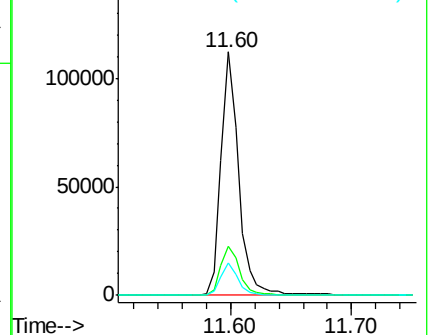
139 13.3 10.2 15.2



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



#74

Di-n-butylphthalate

Concen: 2.99 ng

RT: 11.92 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

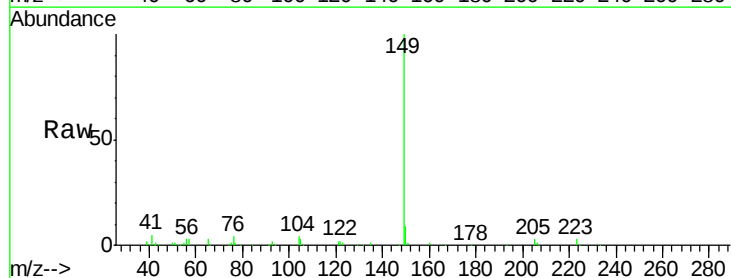
Tgt Ion:149 Resp: 135517

Ion Ratio Lower Upper

149 100

150 8.8 8.1 12.1

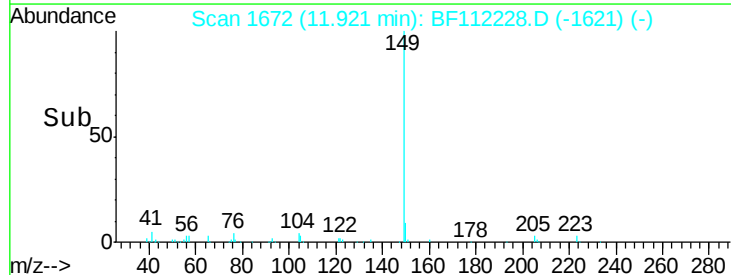
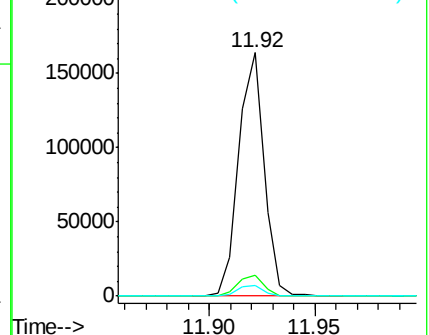
104 4.4 3.9 5.9

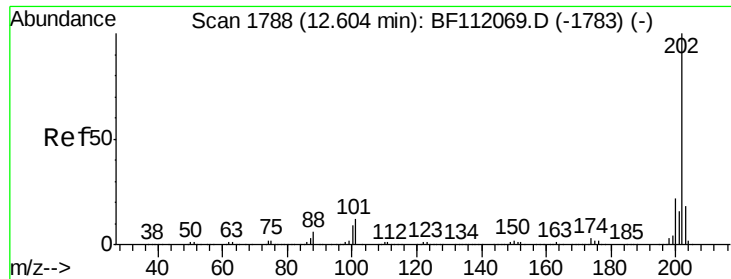


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 2.87 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

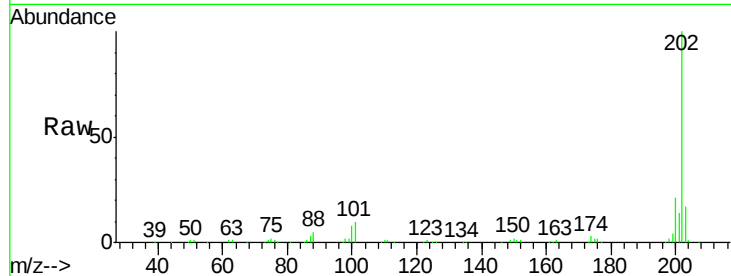
Tot Ion:202 Resp: 120639

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.8

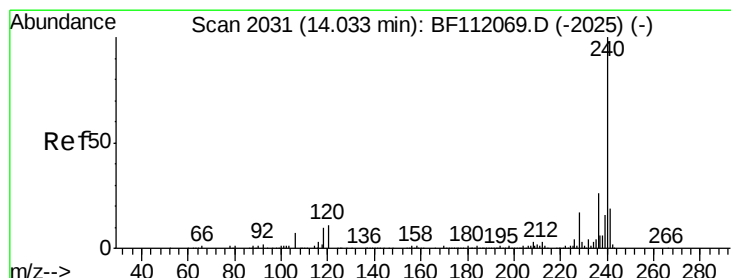
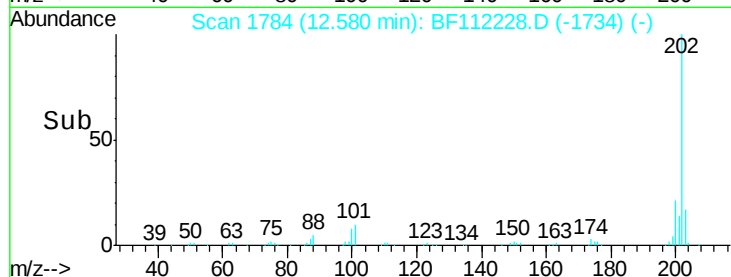
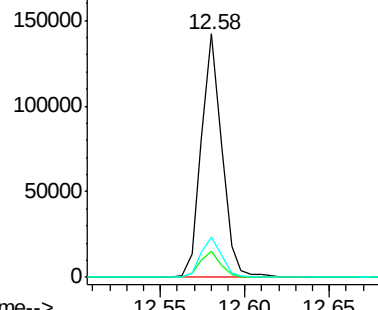
203 16.7 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

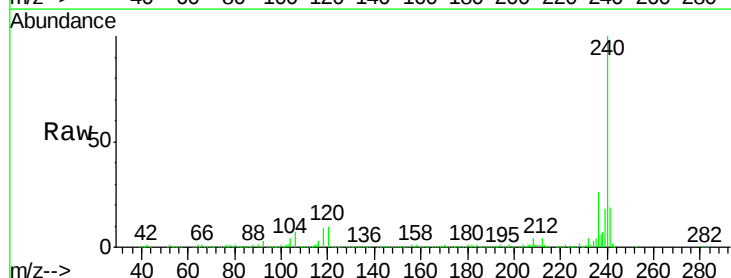
Tgt Ion:240 Resp: 705361

Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.6

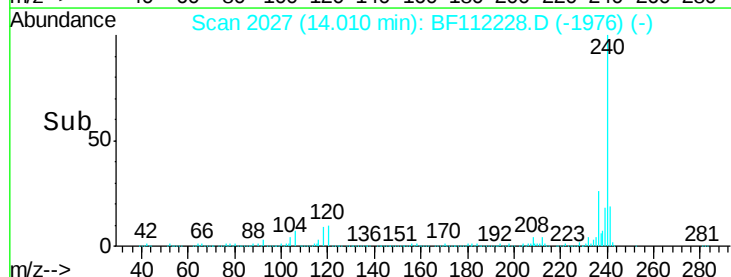
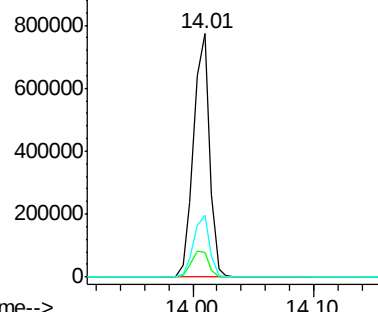
236 25.6 20.7 31.1

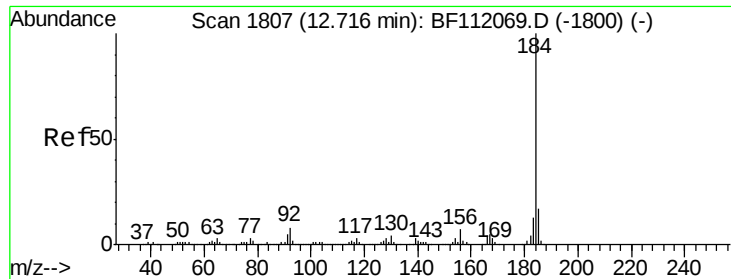


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.13 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.25 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

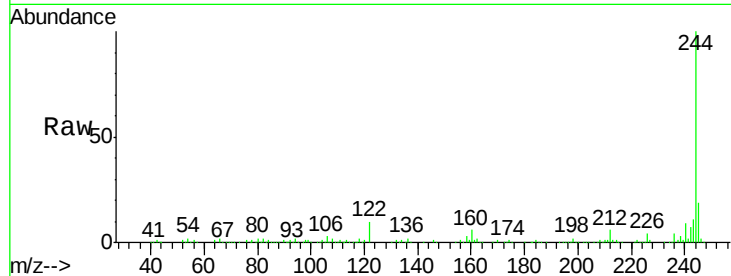
Tot Ion:184 Resp: 3061

Ion Ratio Lower Upper

184 100

185 15.4 13.9 20.9

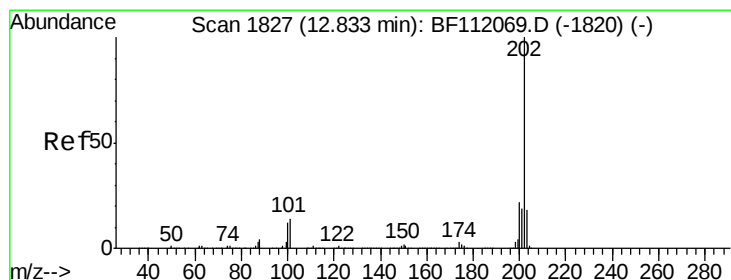
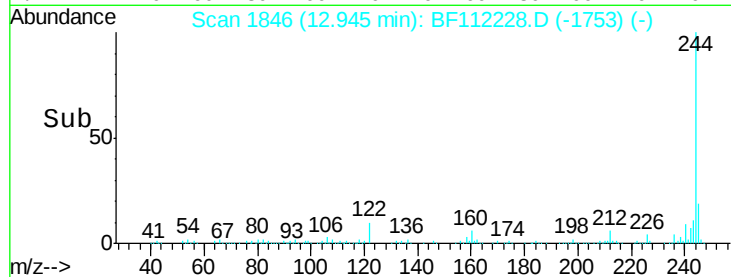
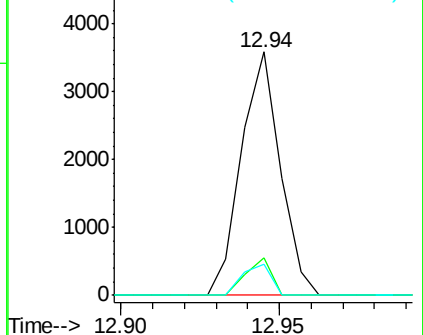
183 12.6 10.0 15.0



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: 2.71 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

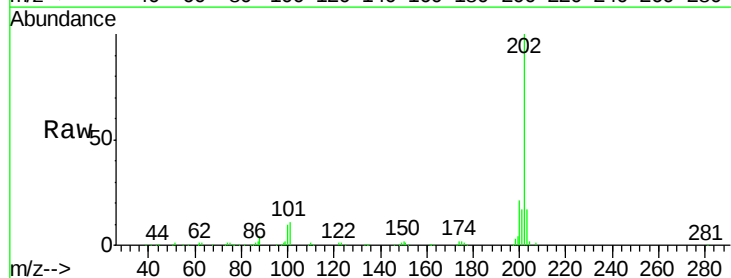
Tgt Ion:202 Resp: 126088

Ion Ratio Lower Upper

202 100

200 20.5 17.7 26.5

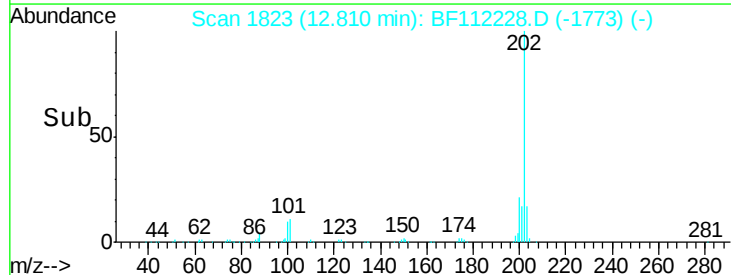
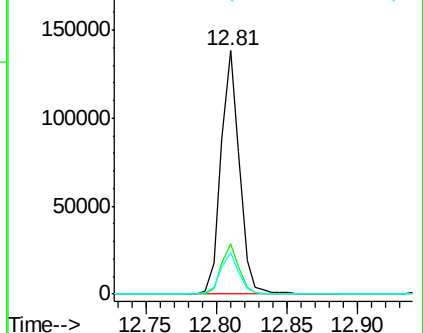
203 17.2 14.6 22.0

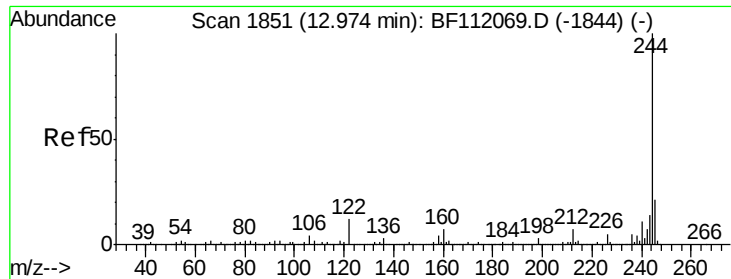


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 6.40 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

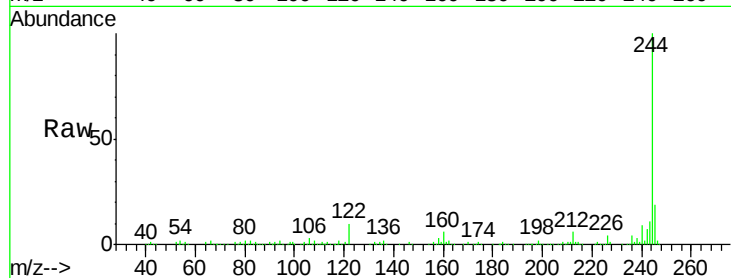
Tot Ion:244 Resp: 212103

Ion Ratio Lower Upper

244 100

212 6.3 5.9 8.9

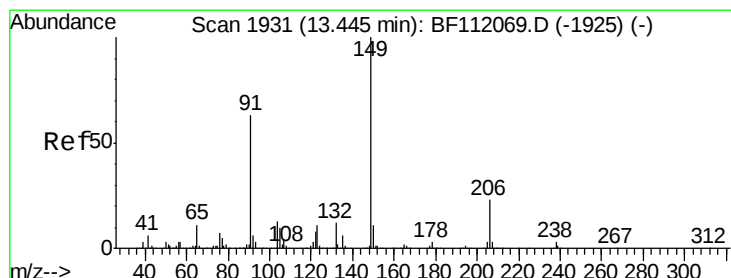
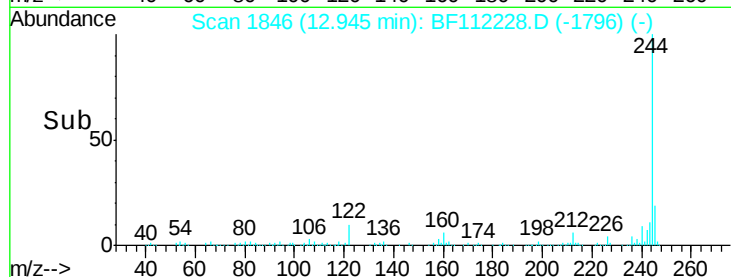
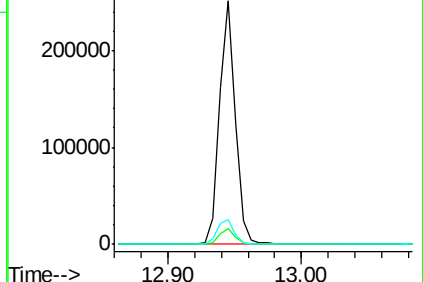
122 10.1 9.8 14.6



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: 2.94 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

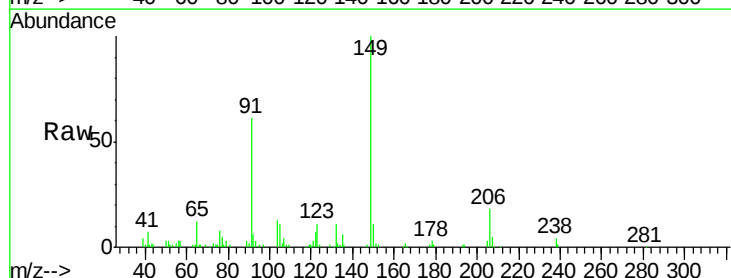
Tgt Ion:149 Resp: 59956

Ion Ratio Lower Upper

149 100

91 61.3 50.3 75.5

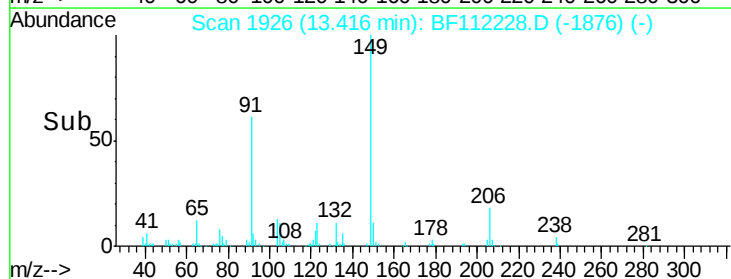
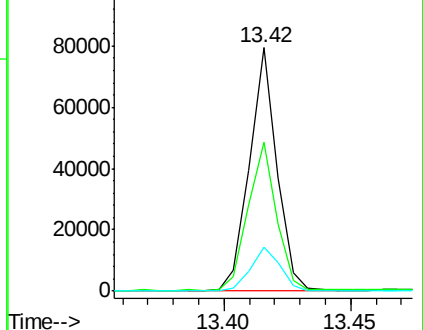
206 18.2 18.2 27.4#

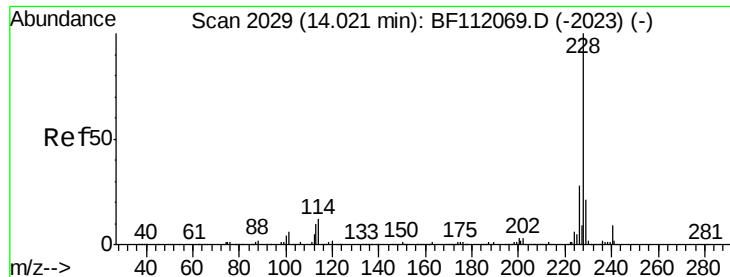


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.76 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

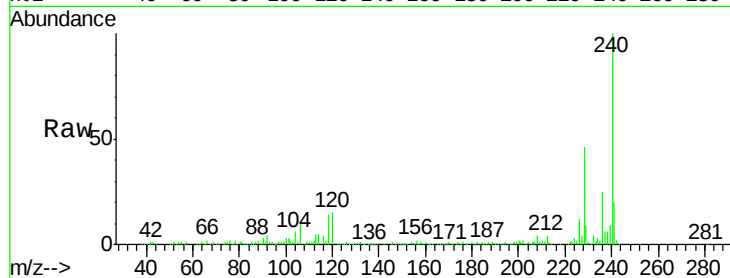
Tot Ion:228 Resp: 111801

Ion Ratio Lower Upper

228 100

226 25.9 22.6 34.0

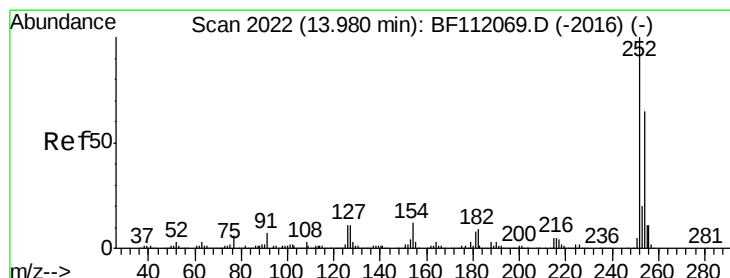
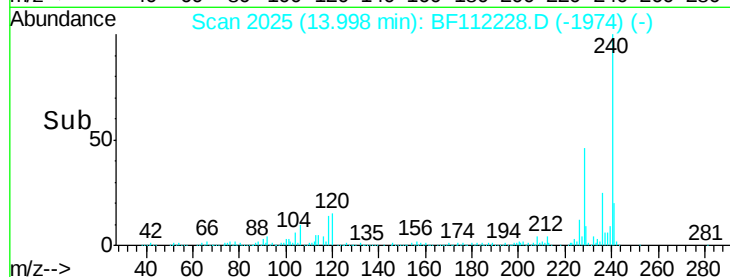
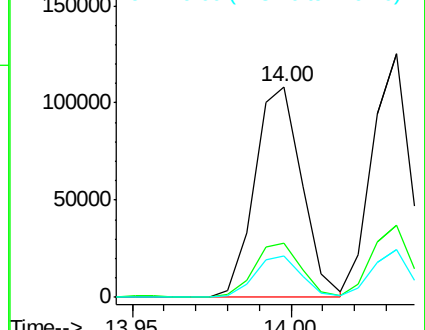
229 19.8 16.5 24.7



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: 2.93 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

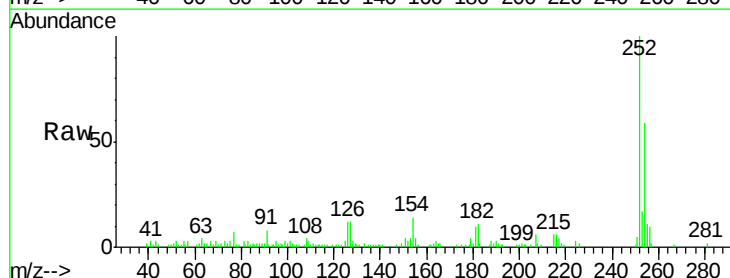
Tgt Ion:252 Resp: 44396

Ion Ratio Lower Upper

252 100

254 58.7 51.6 77.4

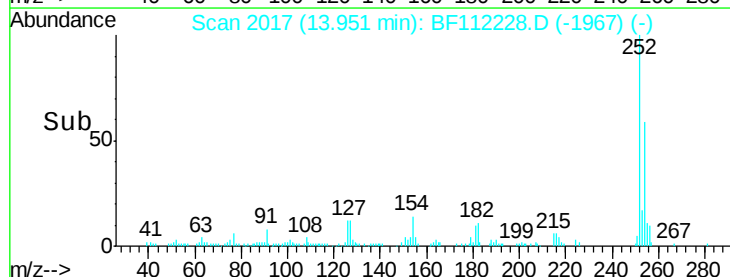
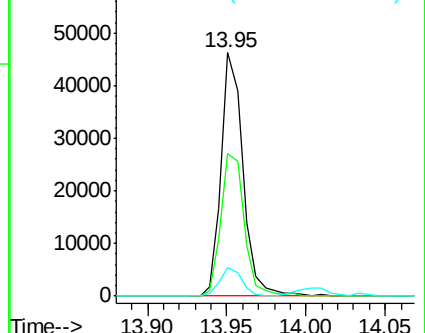
126 11.7 8.6 12.8

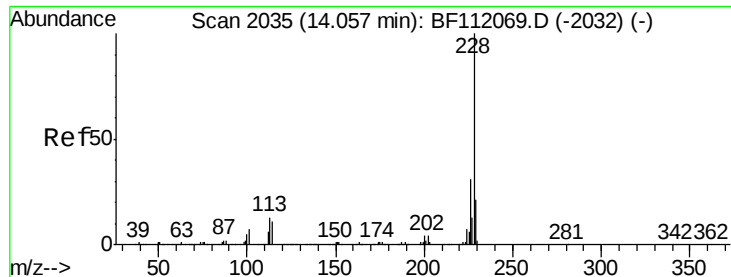


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

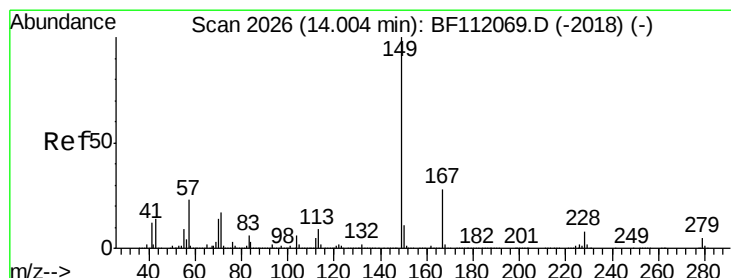
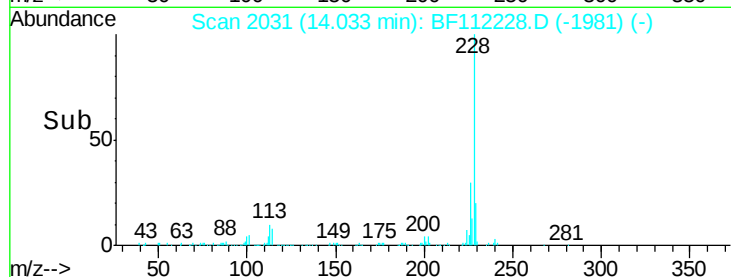
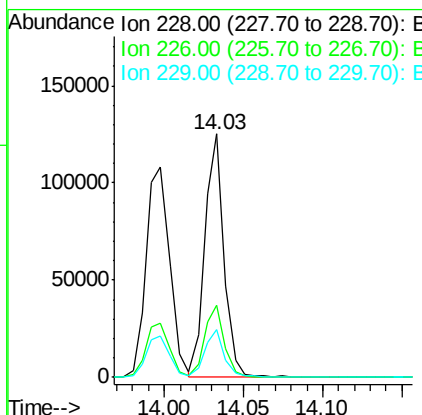
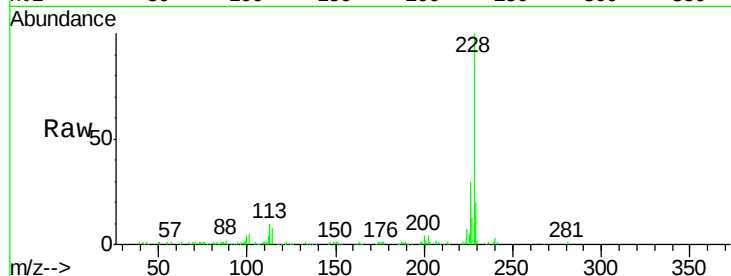




#83
 Chrvsene
 Concen: 2.79 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

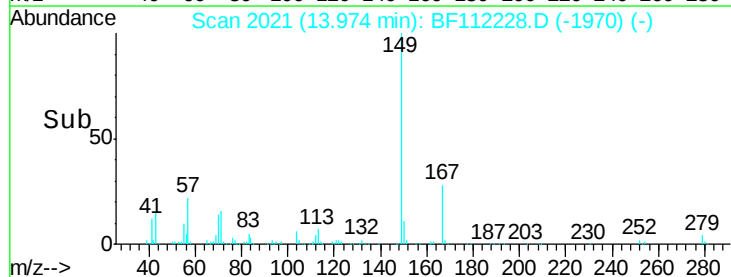
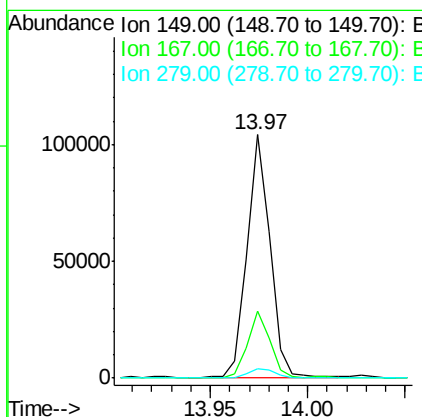
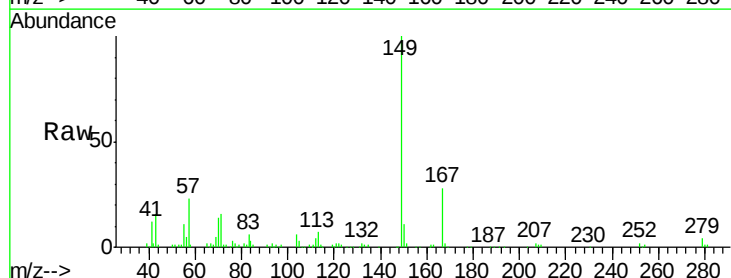
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

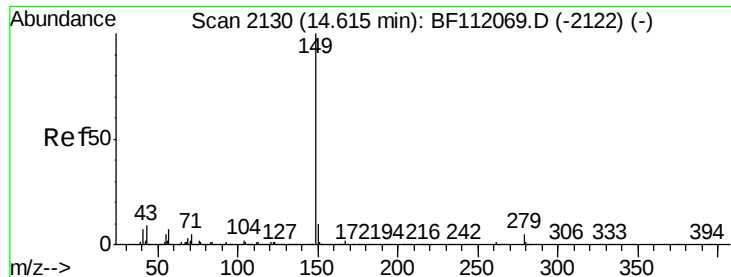
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	19.8	16.6	24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.95 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF112228.D
 Acq: 25 Jan 2019 12:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.5	33.7
279	3.9	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 2.99 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

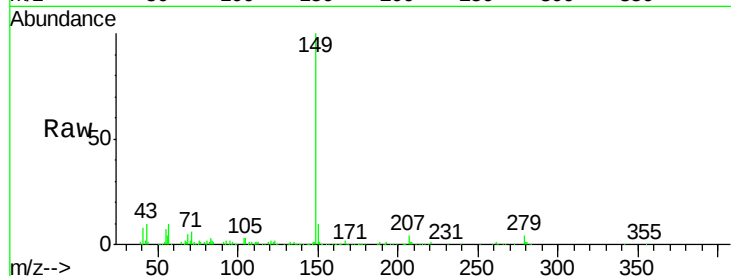
Tot Ion:149 Resp: 134638

Ion Ratio Lower Upper

149 100

167 2.1 1.3 1.9#

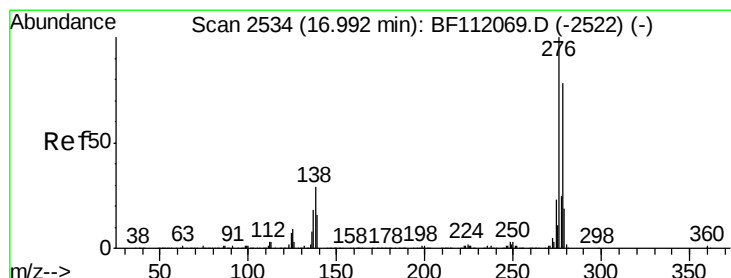
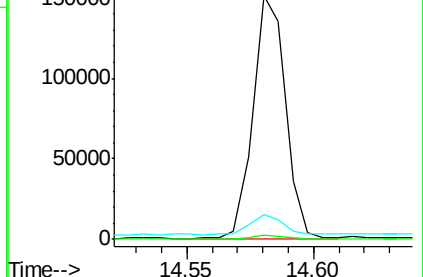
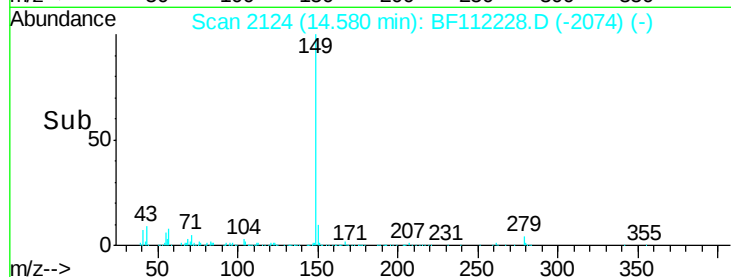
43 8.8 7.8 11.6



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: 2.13 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

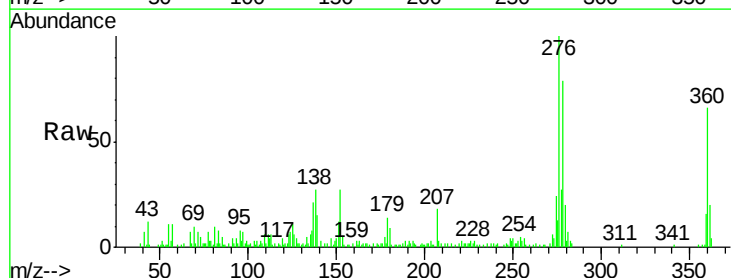
Tgt Ion:276 Resp: 75319

Ion Ratio Lower Upper

276 100

138 29.7 22.6 34.0

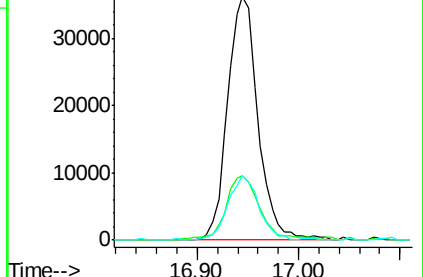
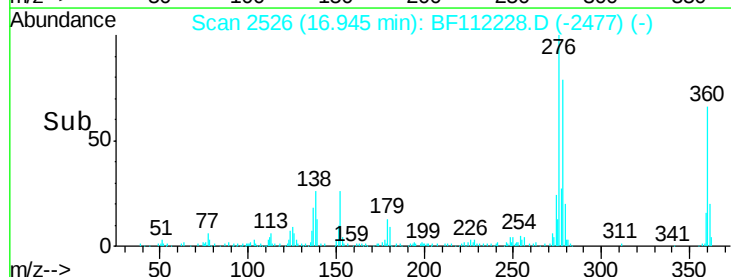
277 26.8 20.3 30.5

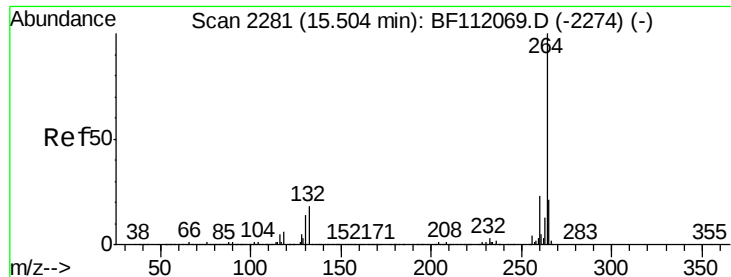


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



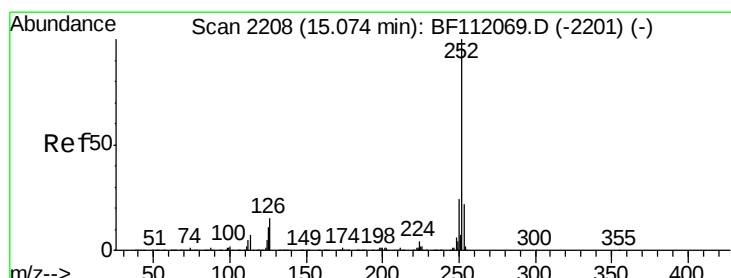
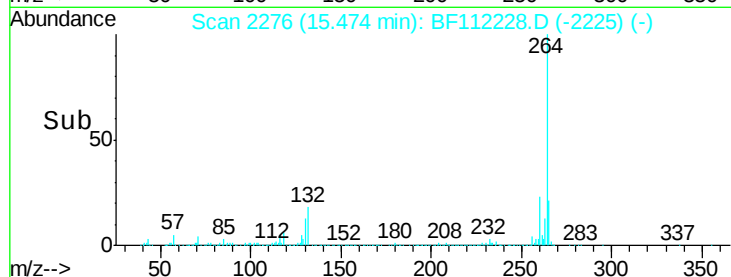
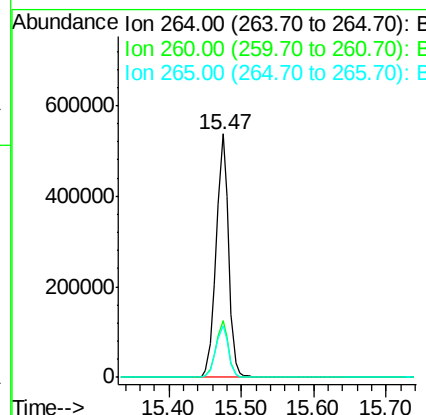
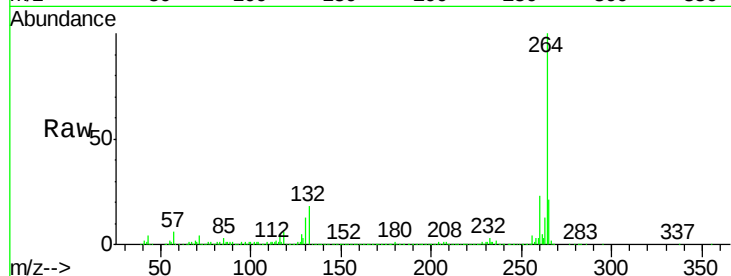


#87
Pervlene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion:264 Resp: 641187

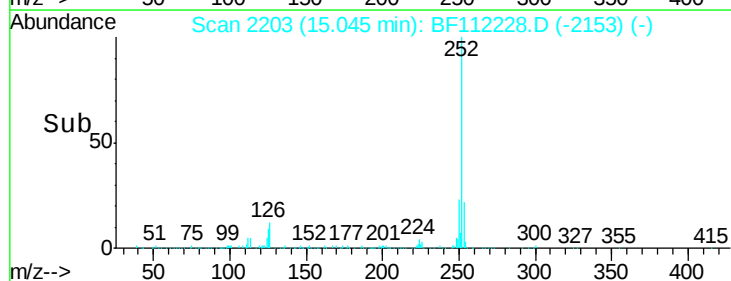
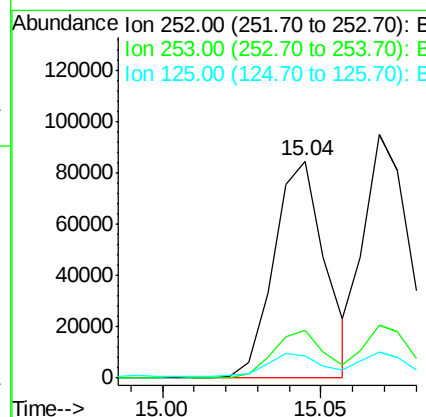
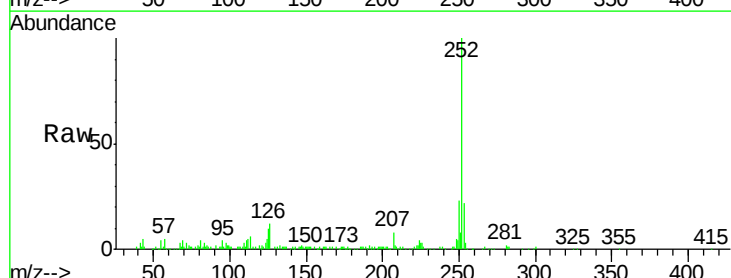
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	21.0	17.0	25.4

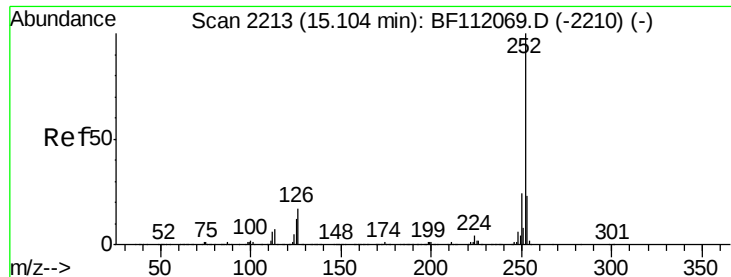


#88
Benzo(b)fluoranthene
Concen: 2.62 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion:252 Resp: 95441

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.3	8.7	13.1

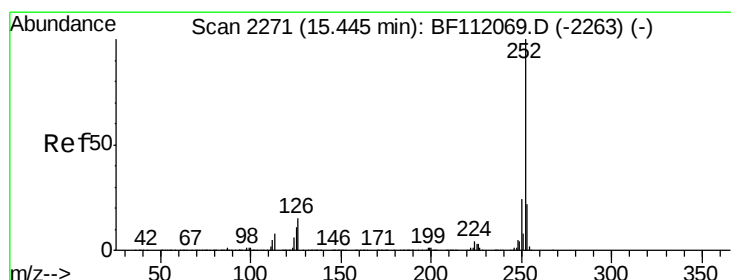
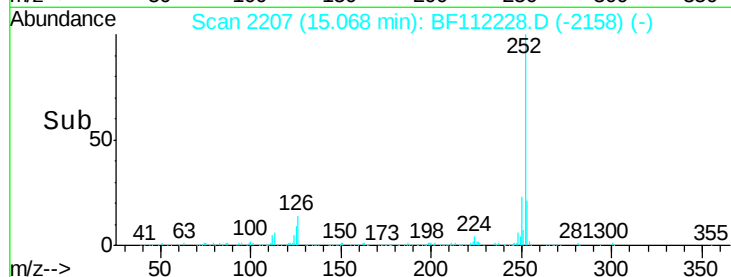
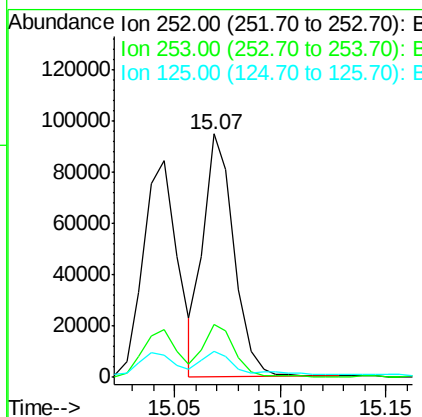
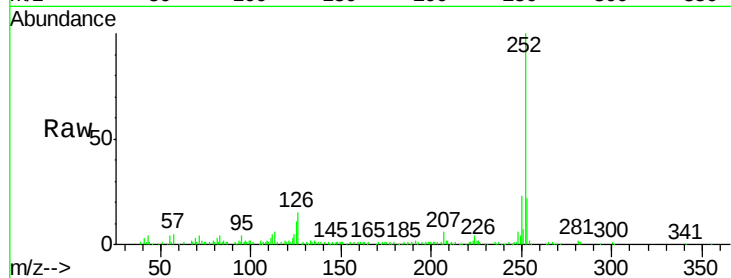




#89
Benzo(k)fluoranthene
Concen: 2.72 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

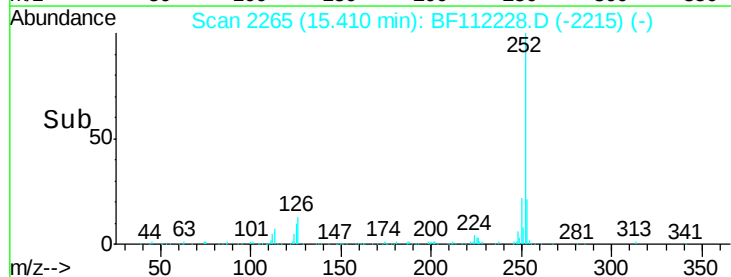
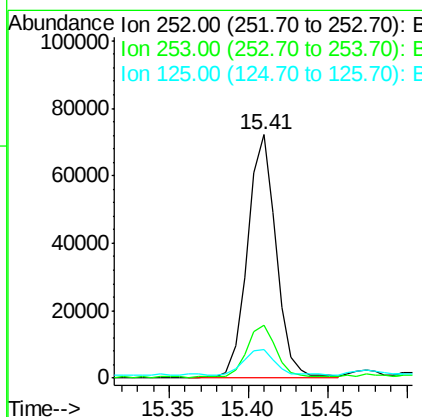
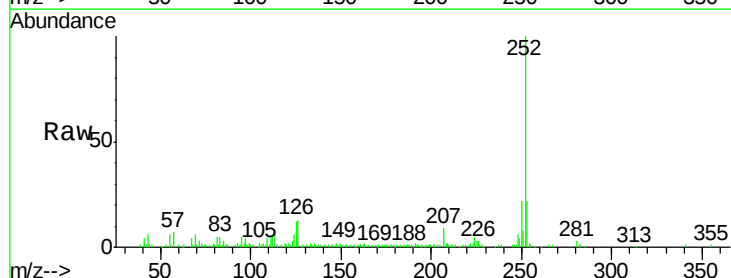
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

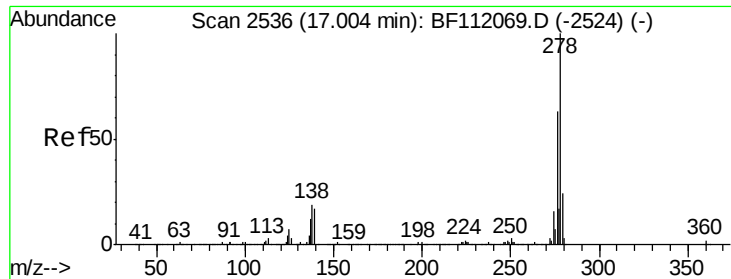
Tot Ion:252 Resp: 95827
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 10.6 9.1 13.7



#90
Benzo(a)pyrene
Concen: 2.71 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112228.D
Acq: 25 Jan 2019 12:53

Tgt Ion:252 Resp: 90439
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 11.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 2.20 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

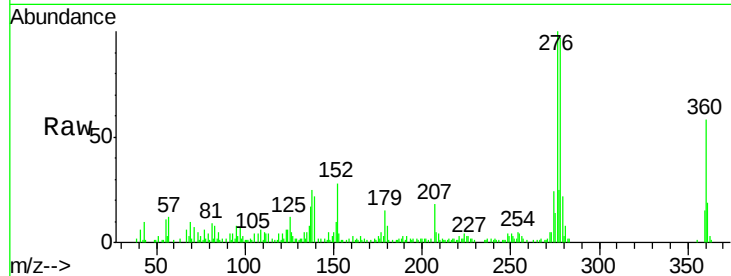
Tot Ion:278 Resp: 65304

Ion Ratio Lower Upper

278 100

139 22.1 13.7 20.5#

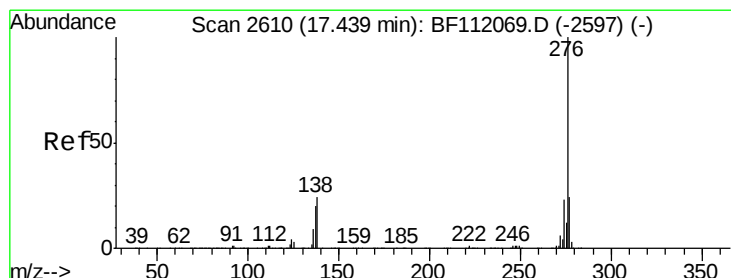
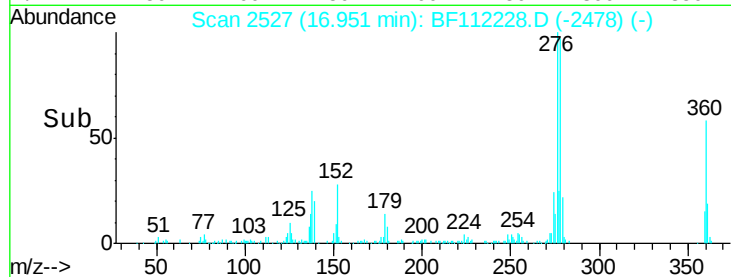
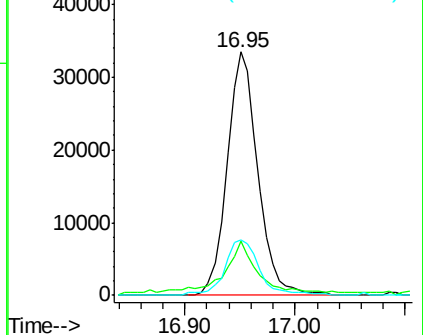
279 22.7 19.0 28.6



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: 1.99 ng

RT: 17.39 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BF112228.D

Acq: 25 Jan 2019 12:53

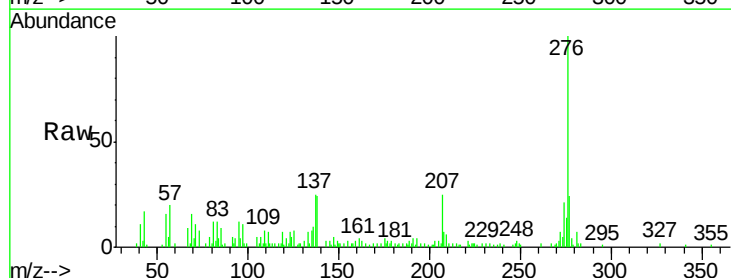
Tgt Ion:276 Resp: 58171

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 23.9 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

