

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
 Data File : BF112260.D
 Acq On : 26 Jan 2019 4:14
 Operator : JU/SJ
 Sample : K1015-13 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-A

Quant Time: Jan 27 23:51:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 16:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	251113	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	1035208	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	467643	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	725106	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	527136	20.00	ng	-0.01
87) Perylene-d12	15.47	264	537722	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	272496	23.05	ng	-0.01
7) Phenol-d6	6.48	99	355104	21.62	ng	-0.03
23) Nitrobenzene-d5	7.40	82	199687	11.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	85285	15.67	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	429480	12.99	ng	-0.02
79) Terphenyl-d14	12.94	244	304788	10.89	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	1369	0.291	ng	# 37
3) Pyridine	3.33	79	107	0.009	ng	# 1
4) n-Nitrosodimethylamine	3.38	42	299	0.059	ng	# 1
6) Aniline	6.62	93	310	0.016	ng	# 1
9) Benzaldehyde	6.37	77	260	0.030	ng	# 1
10) Phenol	6.50	94	5423	0.301	ng	88
11) bis(2-Chloroethyl)ether	6.62	93	310	0.022	ng	# 1
15) Benzyl Alcohol	6.99	79	3551	0.256	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	6.86	45	121	0.007	ng	# 1
18) Hexachloroethane	7.33	117	358	0.053	ng	# 1
19) n-Nitroso-di-n-propylamine	7.40	70	27323	2.412	ng	# 75
22) Acetophenone	7.23	105	3822	0.152	ng	# 54
24) Nitrobenzene	7.44	77	345	0.019	ng	# 37
25) Isophorone	7.40	82	195084	6.922	ng	# 64
26) 2-Nitrophenol	7.75	139	114	0.012	ng	# 1
28) bis(2-Chloroethoxy)methane	7.87	93	762	0.040	ng	# 1
29) 2,4-Dichlorophenol	8.03	162	517	0.035	ng	# 26
31) Naphthalene	8.15	128	19903	0.411	ng	# 95
33) 4-Chloroaniline	8.19	127	115	0.005	ng	# 1
35) Caprolactam	8.63	113	231	0.044	ng	# 1
36) 4-Chloro-3-methylphenol	8.70	107	647	0.041	ng	# 17
37) 2-Methylnaphthalene	8.84	142	23075	0.696	ng	# 93
38) 1-Methylnaphthalene	8.93	142	22627	0.712	ng	# 97
43) 2,4,6-Trichlorophenol	9.13	196	120	0.013	ng	# 12
44) 2,4,5-Trichlorophenol	9.13	196	120	0.012	ng	# 1
46) 1,1'-Biphenyl	9.30	154	12801	0.313	ng	# 93
47) 2-Chloronaphthalene	9.37	162	589	0.019	ng	# 14
48) 2-Nitroaniline	9.42	65	247	0.029	ng	# 20
49) Acenaphthylene	9.74	152	20966	0.451	ng	# 87
50) Dimethylphthalate	9.59	163	35689	0.982	ng	# 97
51) 2,6-Dinitrotoluene	9.88	165	63720	7.831	ng	# 35
52) Acenaphthene	9.91	154	21234	0.765	ng	# 94
53) 3-Nitroaniline	9.83	138	205	0.023	ng	# 71
55) Dibenzofuran	10.08	168	22611	0.533	ng	# 80

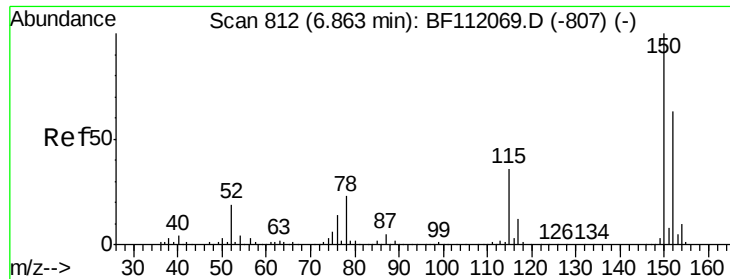
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
 Data File : BF112260.D
 Acq On : 26 Jan 2019 4:14
 Operator : JU/SJ
 Sample : K1015-13 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-A

Quant Time: Jan 27 23:51:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 16:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 4-Nitrophenol	9.99	139	1859	0.399	ng	# 1
57) 2,4-Dinitrotoluene	9.88	165	63720	6.151	ng	# 32
58) Fluorene	10.43	166	49018	1.544	ng	100
60) Diethylphthalate	10.29	149	2302	0.064	ng	# 70
61) 4-Chlorophenyl-phenylether	10.36	204	109	0.006	ng	# 1
62) 4-Nitroaniline	10.42	138	856	0.099	ng	88
63) Azobenzene	10.58	77	1302	0.041	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.69	198	289	0.071	ng	# 1
66) n-Nitrosodiphenylamine	10.53	169	8323	0.341	ng	# 85
67) 4-Bromophenyl-phenylether	10.67	248	4822	0.565	ng	# 1
69) Atrazine	11.08	200	1398	0.177	ng	89
71) Phenanthrene	11.39	178	297483	7.891	ng	98
72) Anthracene	11.44	178	77341	2.060	ng	99
73) Carbazole	11.60	167	20061	0.542	ng	# 92
74) Di-n-butylphthalate	11.92	149	2424	0.053	ng	# 67
75) Fluoranthene	12.57	202	366105	9.055	ng	99
77) Benzidine	12.67	184	710	0.049	ng	# 1
78) Pyrene	12.80	202	328852	9.011	ng	99
80) Butylbenzylphthalate	13.40	149	1204	0.068	ng	# 81
81) Benzo(a)anthracene	13.99	228	164271	5.301	ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	630	0.054	ng	# 54
83) Chrysene	14.03	228	134122	4.534	ng	96
84) Bis(2-ethylhexyl)phthalate	13.97	149	5037	0.201	ng	# 90
85) Di-n-octyl phthalate	14.58	149	1963	0.051	ng	# 61
86) Indeno(1,2,3-cd)pyrene	16.94	276	49634	2.118	ng	94
88) Benzo(b)fluoranthene	15.04	252	201553	6.268	ng	# 95
89) Benzo(k)fluoranthene	15.04	252	201553	6.543	ng	# 96
90) Benzo(a)pyrene	15.40	252	108833	3.761	ng	# 95
91) Dibenzo(a,h)anthracene	16.94	278	16905	0.725	ng	# 71
92) Benzo(g,h,i)perylene	17.39	276	43686	1.986	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

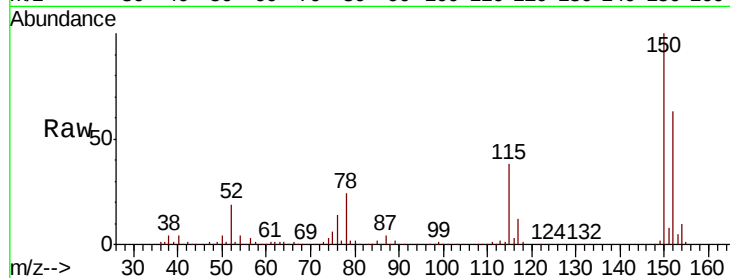
Tgt Ion:152 Resp: 251113

Ion Ratio Lower Upper

152 100

150 158.0 127.4 191.0

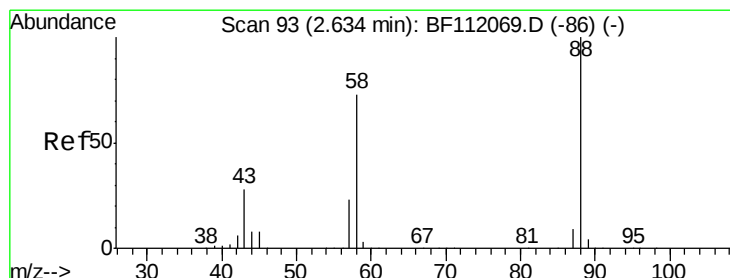
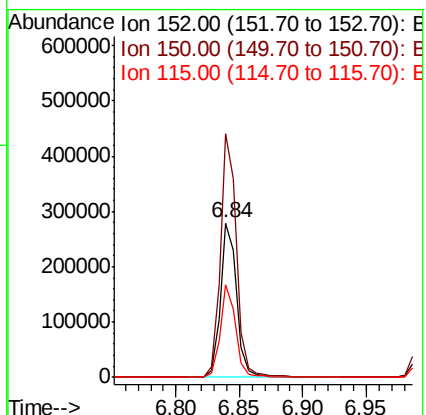
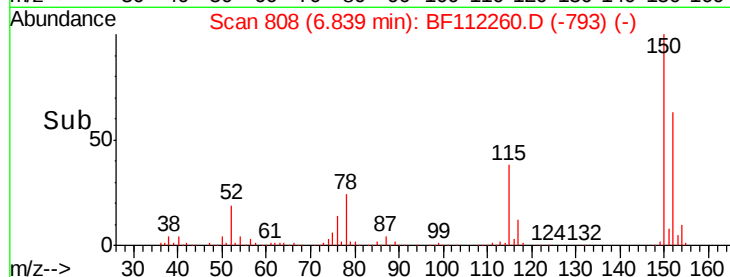
115 60.3 45.5 68.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.291 ng

RT: 2.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

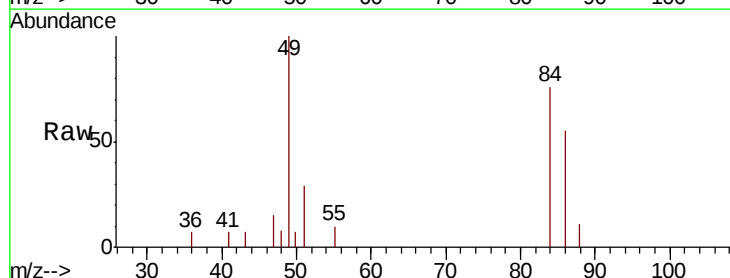
Tgt Ion: 88 Resp: 1369

Ion Ratio Lower Upper

88 100

58 0.0 57.4 86.2#

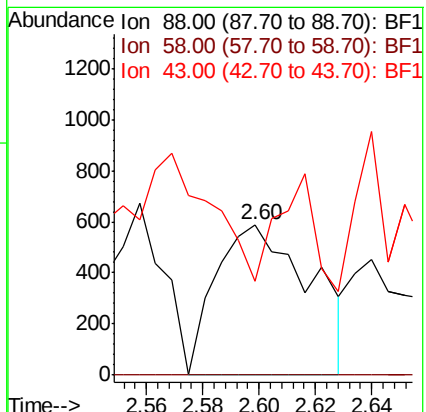
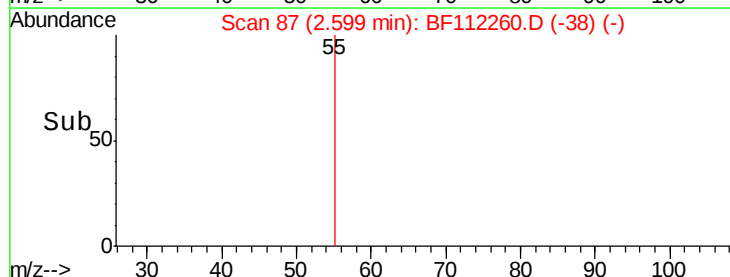
43 29.7 22.2 33.4

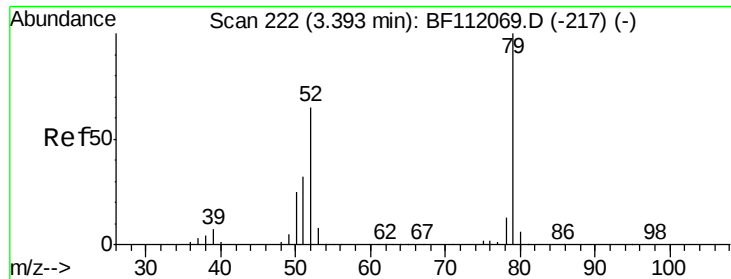


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.009 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.04 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

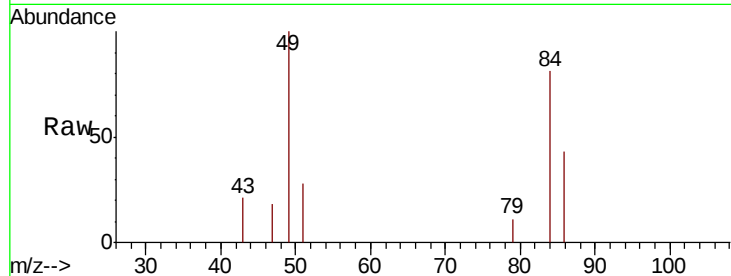
Tgt Ion: 79 Resp: 107

Ion Ratio Lower Upper

79 100

52 0.0 52.4 78.6#

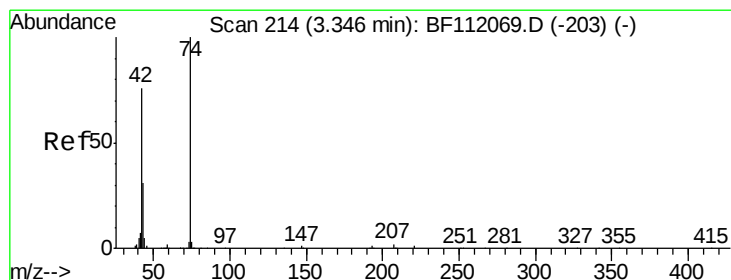
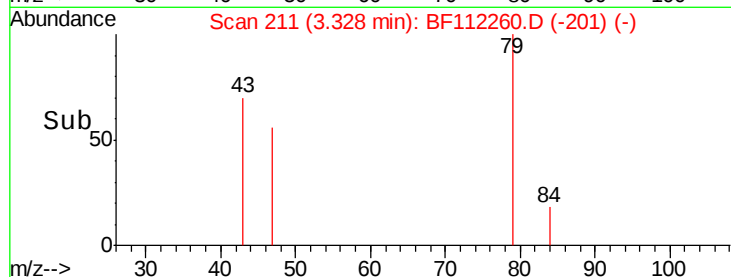
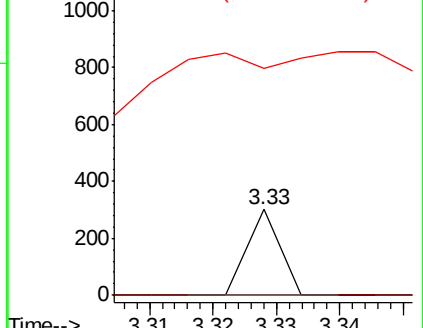
51 264.2 26.1 39.1#



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: 0.059 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.04 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

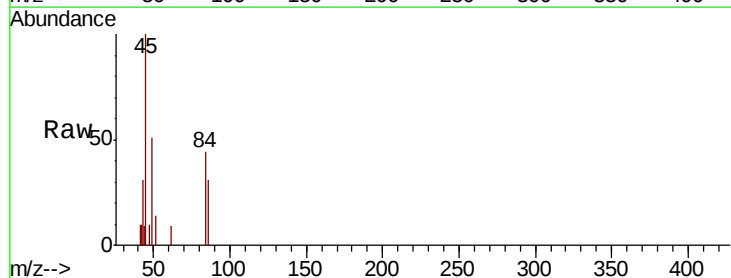
Tgt Ion: 42 Resp: 299

Ion Ratio Lower Upper

42 100

74 0.0 105.6 158.4#

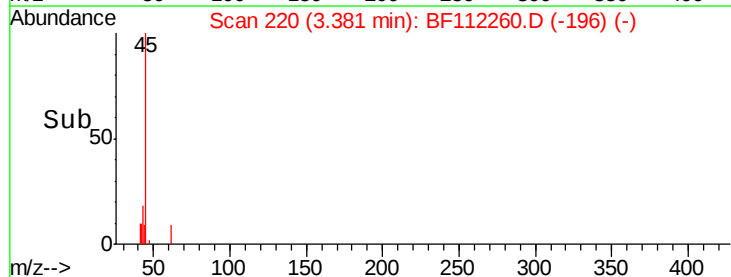
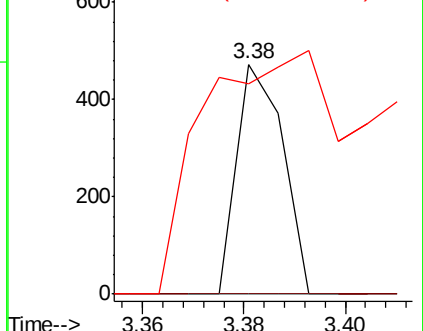
44 91.3 5.4 8.2#

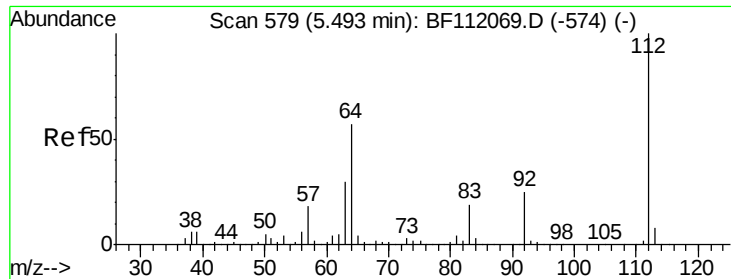


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 23.049 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

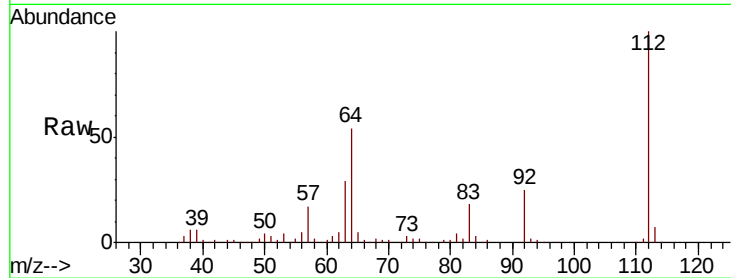
Tgt Ion: 112 Resp: 272496

Ion Ratio Lower Upper

112 100

64 54.5 45.7 68.5

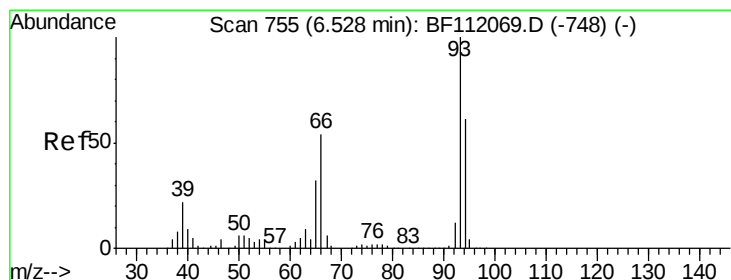
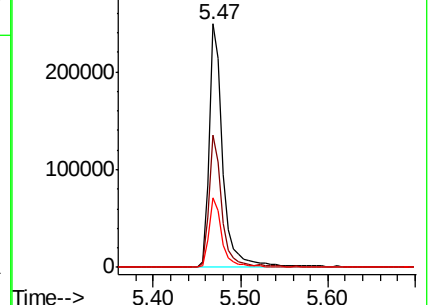
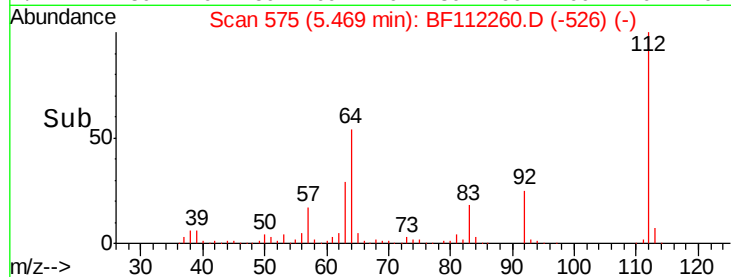
63 28.6 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.016 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.09 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

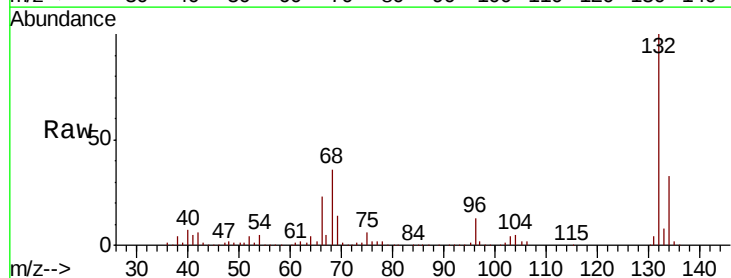
Tgt Ion: 93 Resp: 310

Ion Ratio Lower Upper

93 100

66 16648.2 43.4 65.2#

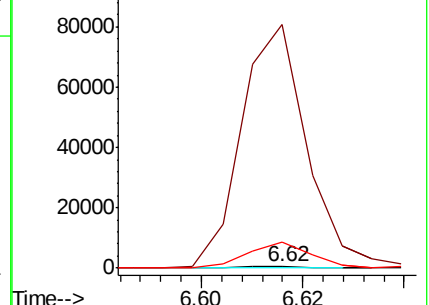
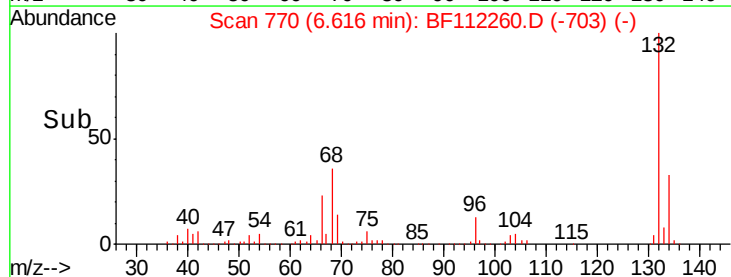
65 1756.3 25.3 37.9#

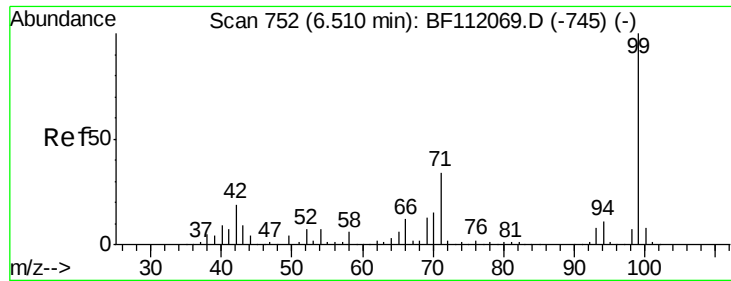


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 21.616 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

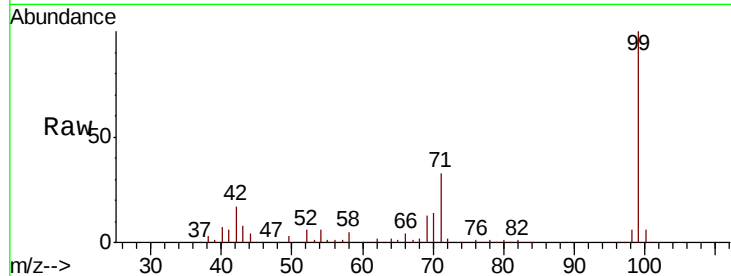
Tgt Ion: 99 Resp: 355104

Ion Ratio Lower Upper

99 100

42 16.8 15.1 22.7

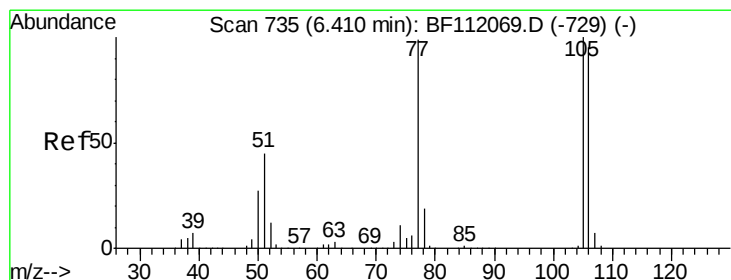
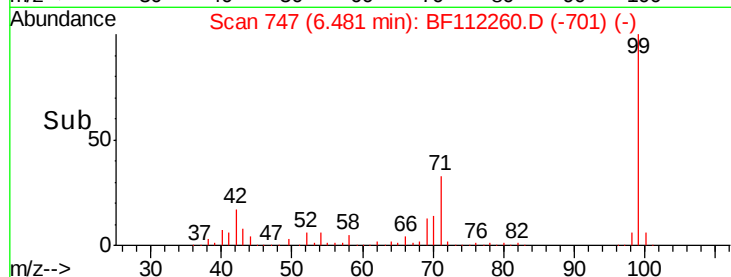
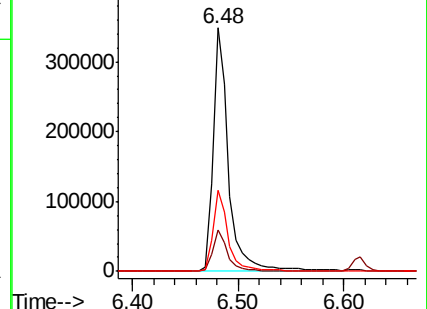
71 33.3 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 0.030 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

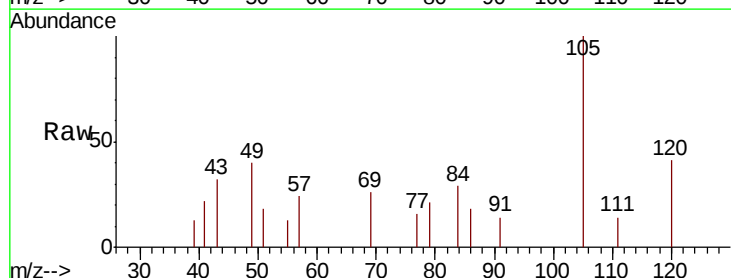
Tgt Ion: 77 Resp: 260

Ion Ratio Lower Upper

77 100

105 610.5 80.8 120.8#

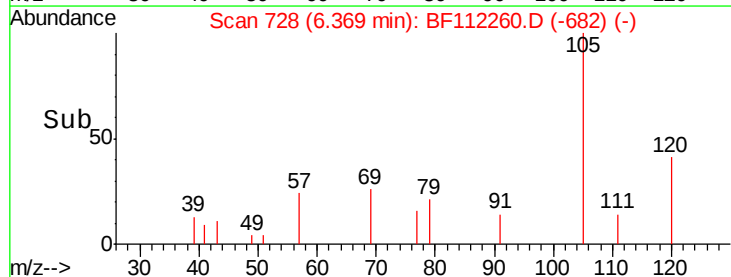
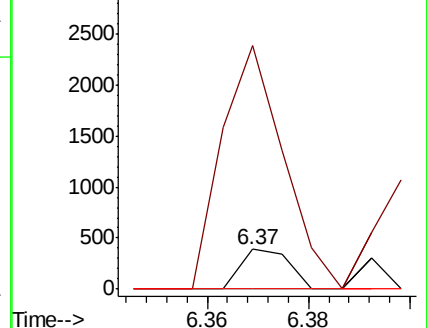
106 0.0 75.7 115.7#

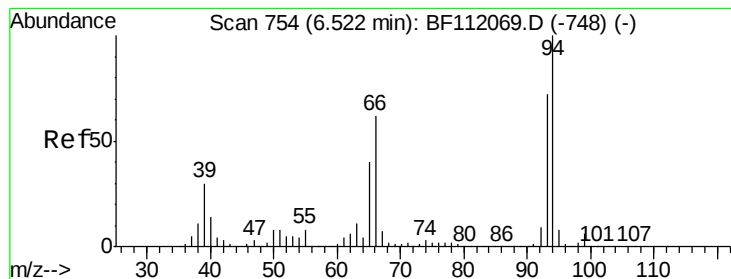


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.301 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

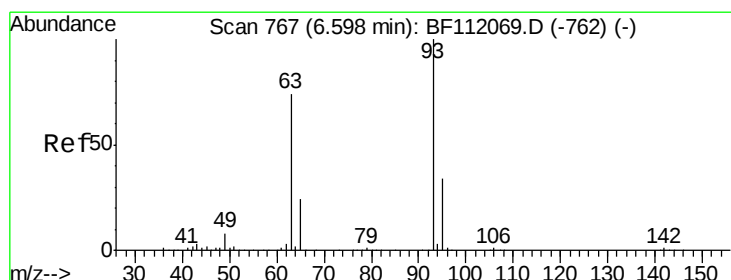
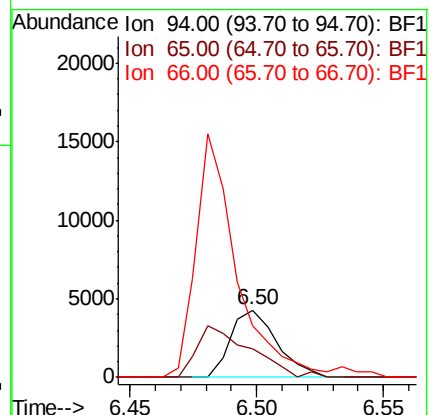
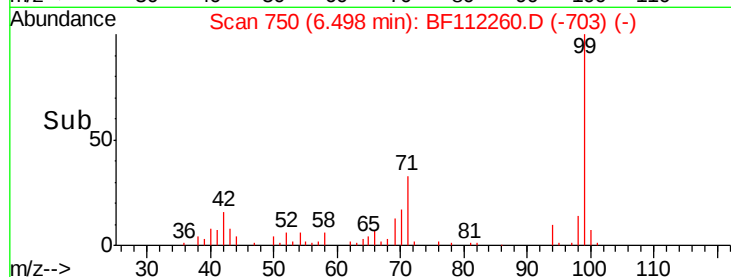
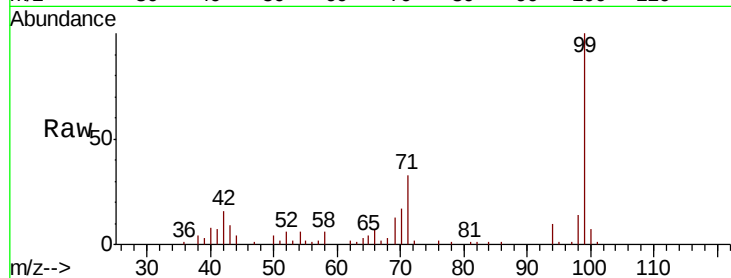
Tgt Ion: 94 Resp: 5423

Ion Ratio Lower Upper

94 100

65 42.5 20.3 60.3

66 76.0 42.4 82.4



#11

bis(2-Chloroethyl)ether

Concen: 0.022 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.02 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

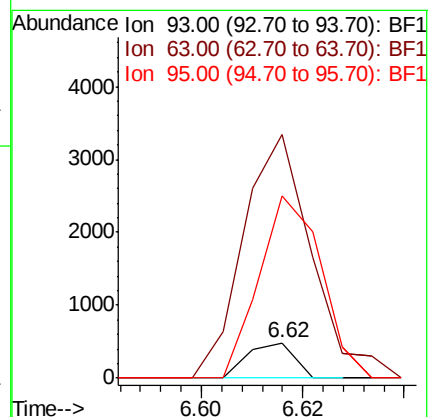
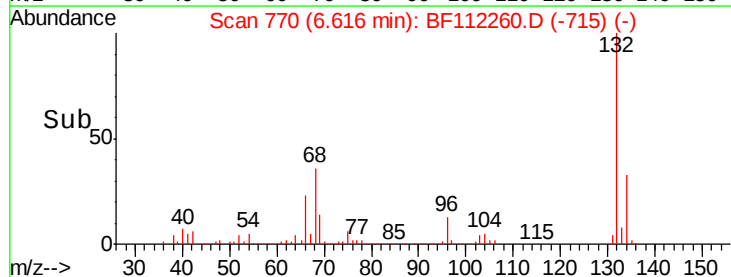
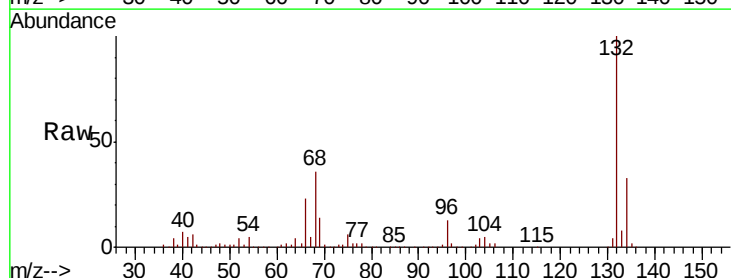
Tgt Ion: 93 Resp: 310

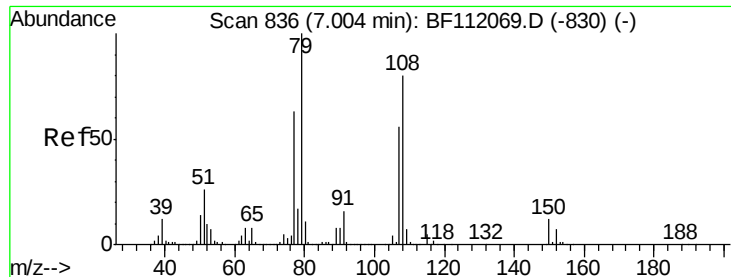
Ion Ratio Lower Upper

93 100

63 688.9 53.3 93.3#

95 516.3 13.4 53.4#





#15

Benzyl Alcohol

Concen: 0.256 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

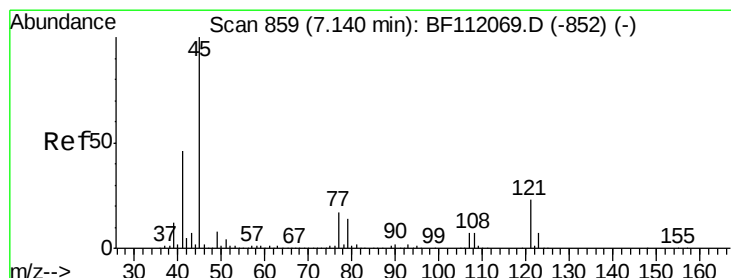
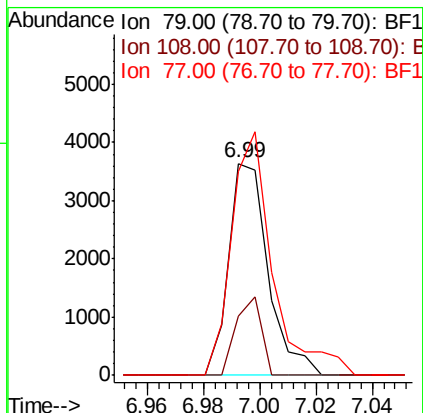
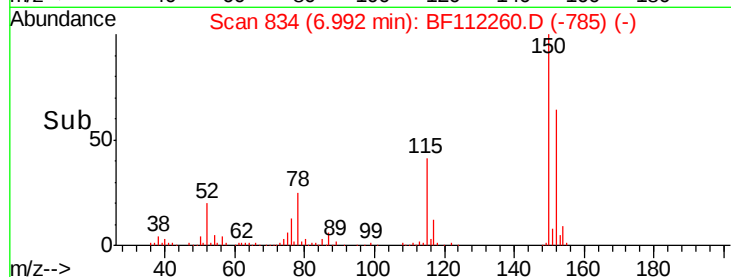
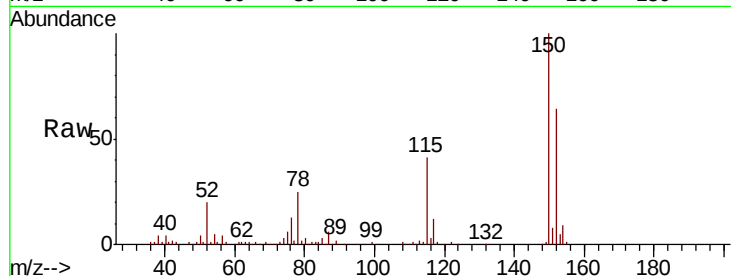
Tgt Ion: 79 Resp: 3551

Ion Ratio Lower Upper

79 100

108 27.9 64.2 96.2#

77 96.0 50.3 75.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.007 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.27 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

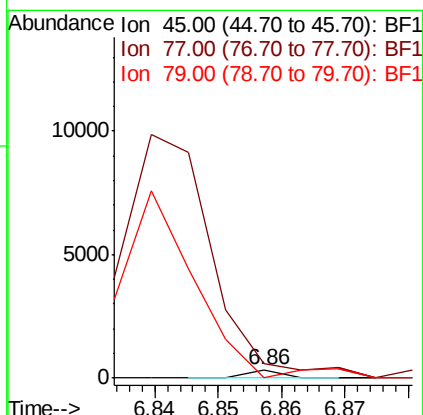
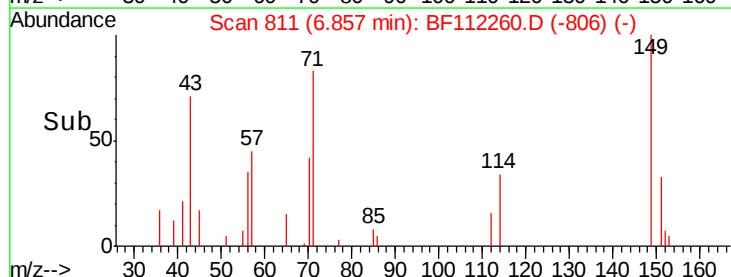
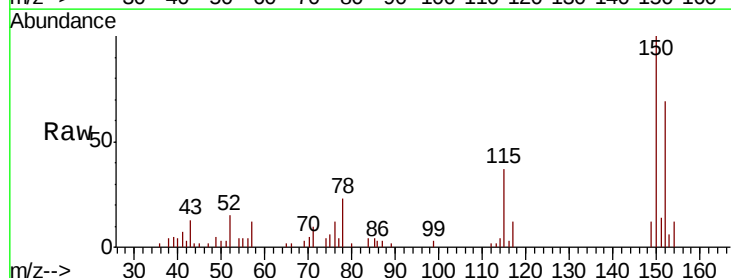
Tgt Ion: 45 Resp: 121

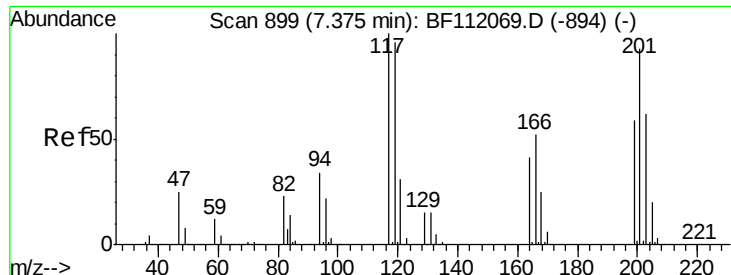
Ion Ratio Lower Upper

45 100

77 173.1 0.0 36.9#

79 0.0 0.0 34.0

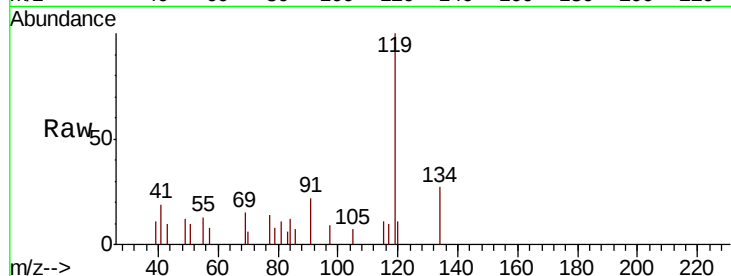




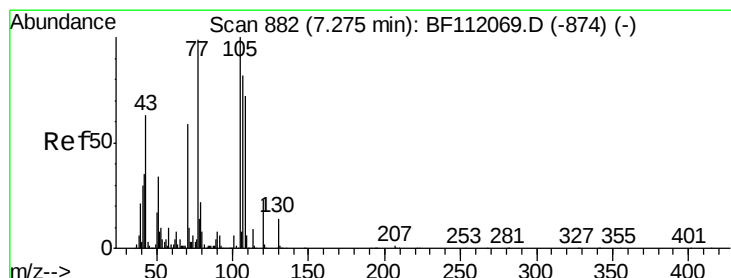
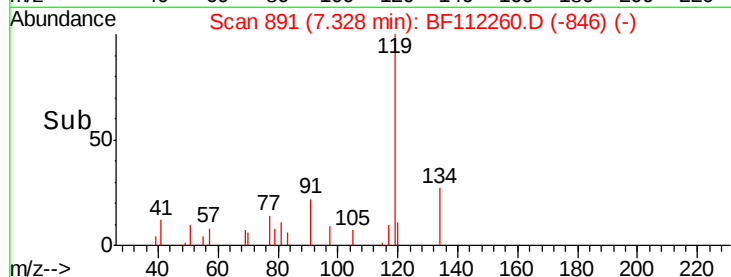
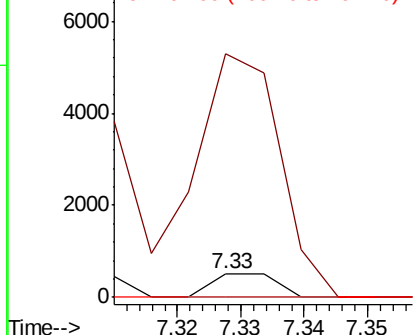
#18
Hexachloroethane
Concen: 0.053 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.04 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

Instrument :
BNA_F
ClientSampleId :
SU-04-012419-A

Tgt Ion: 117 Resp: 358
Ion Ratio Lower Upper
117 100
119 1031.4 77.0 115.4#
201 0.0 74.1 111.1#

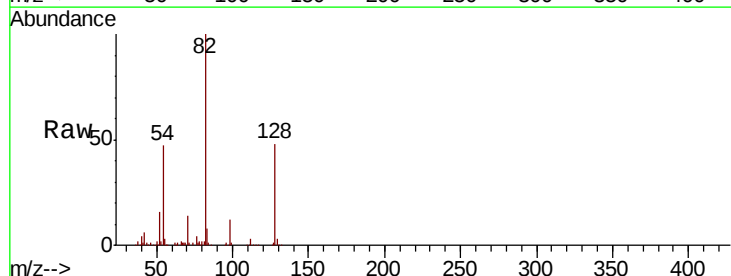


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

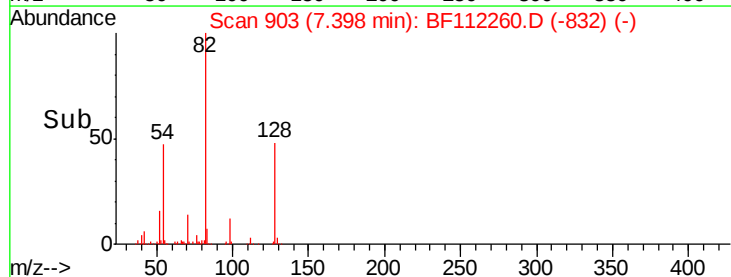
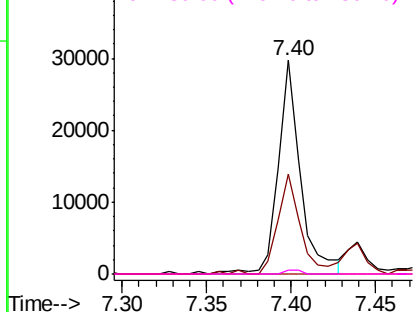


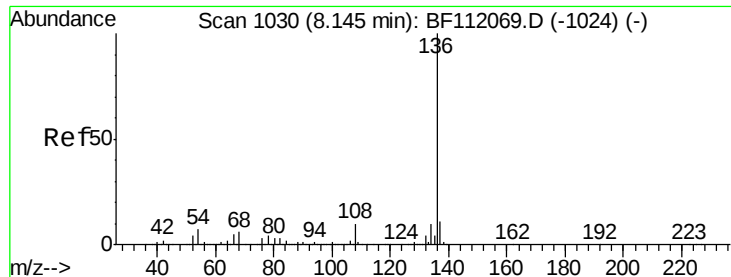
#19
n-Nitroso-di-n-propylamine
Concen: 2.412 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.12 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

Tgt Ion: 70 Resp: 27323
Ion Ratio Lower Upper
70 100
42 46.6 47.6 71.4#
101 0.0 7.9 11.9#
130 1.8 18.4 27.6#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

Tgt Ion:136 Resp: 1035208

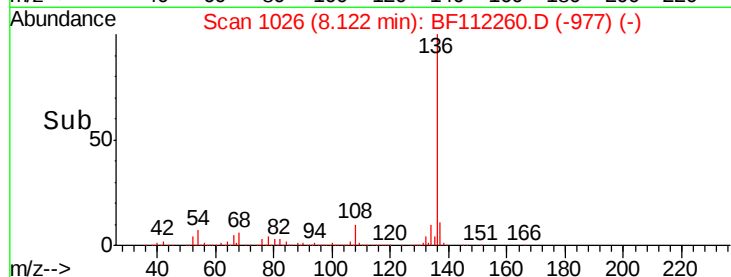
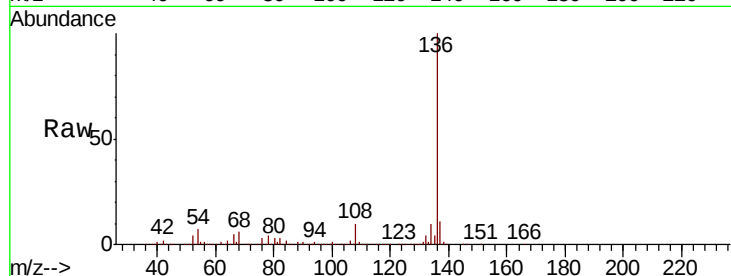
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.9 5.9 8.9

68 5.8 5.1 7.7

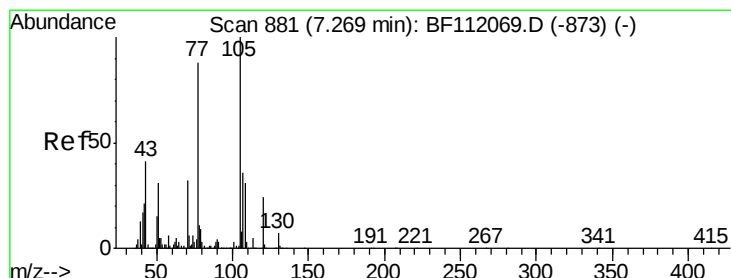
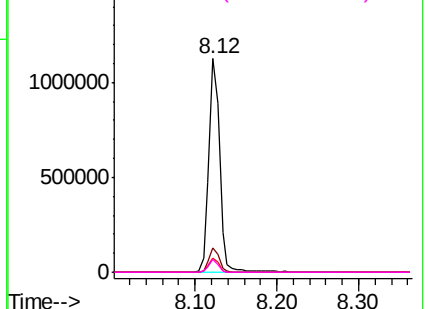


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.152 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.04 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Tgt Ion:105 Resp: 3822

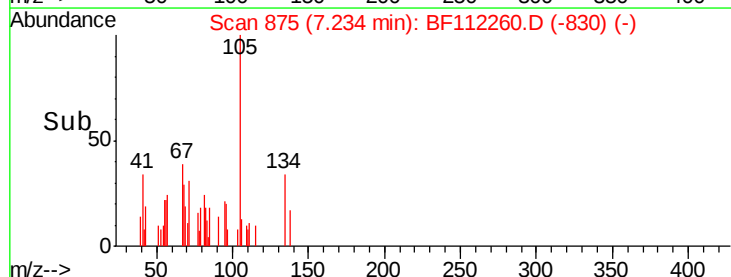
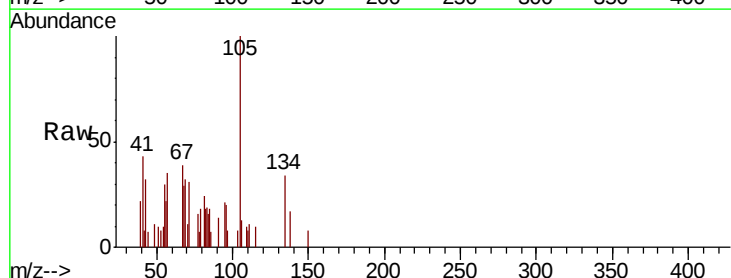
Ion Ratio Lower Upper

105 100

71 30.6 4.6 6.8#

51 9.8 25.0 37.6#

120 0.0 19.0 28.4#

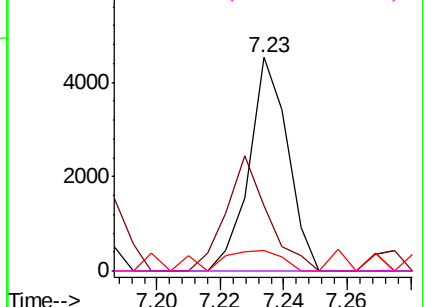


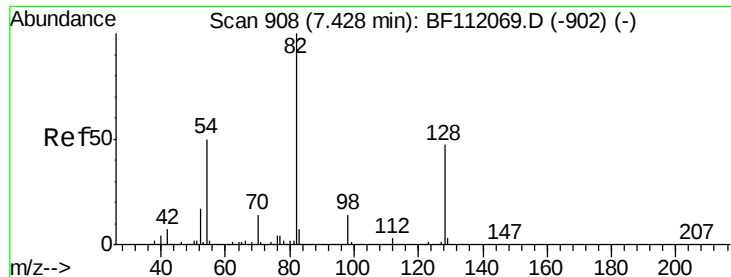
Abundance Ion 105.00 (104.70 to 105.70): E

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

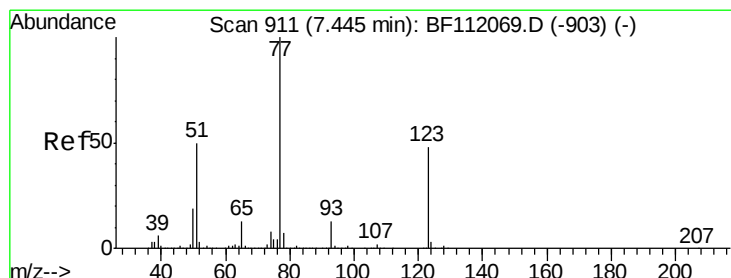
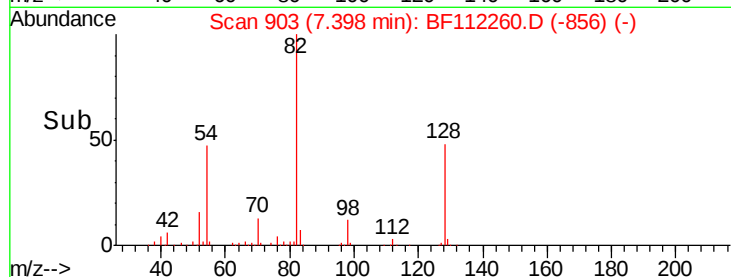
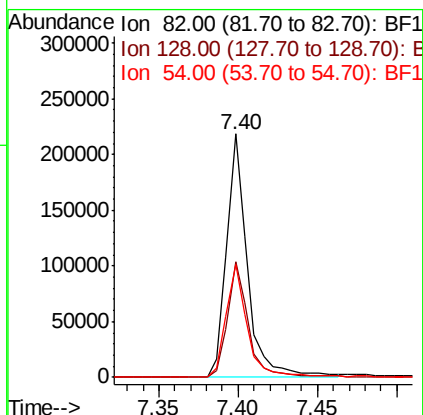
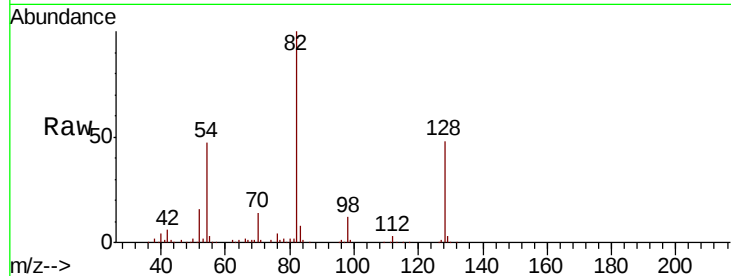




#23
 Nitrobenzene-d5
 Concen: 11.115 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF112260.D
 Acq: 26 Jan 2019 4:14

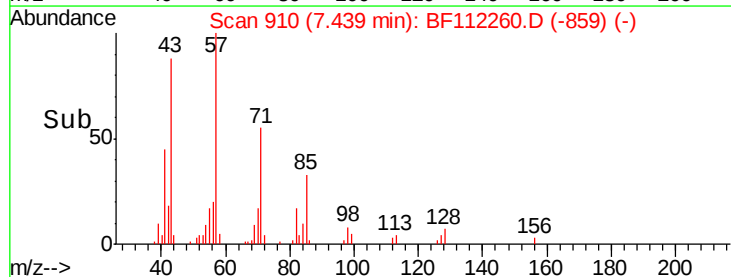
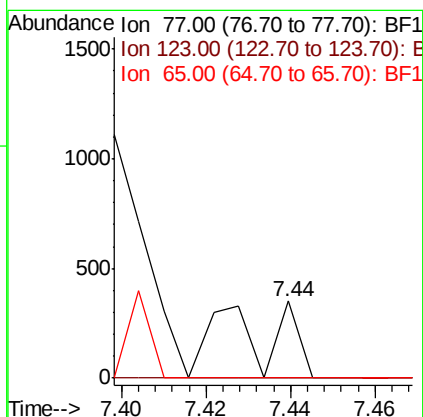
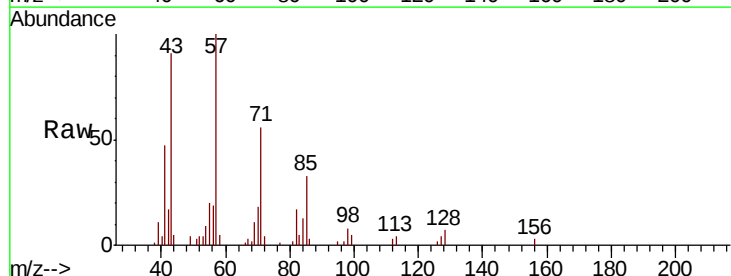
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-A

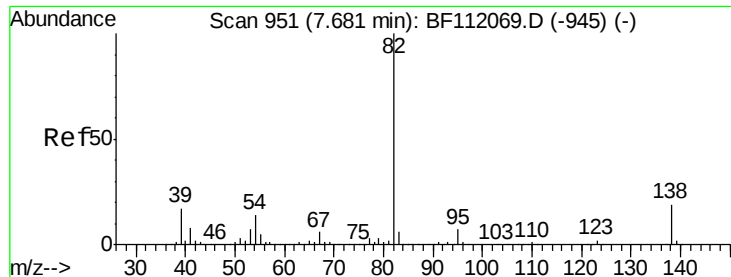
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.8	56.8
54	46.6	39.7	59.5



#24
 Nitrobenzene
 Concen: 0.019 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF112260.D
 Acq: 26 Jan 2019 4:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.4	57.6#
65	0.0	10.6	15.8#





#25

Isophorone

Concen: 6.922 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

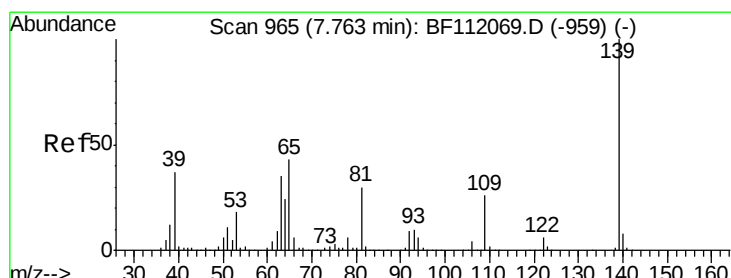
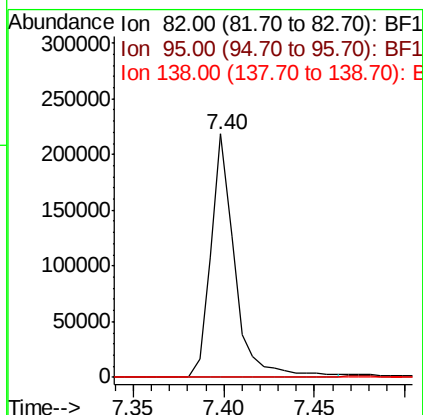
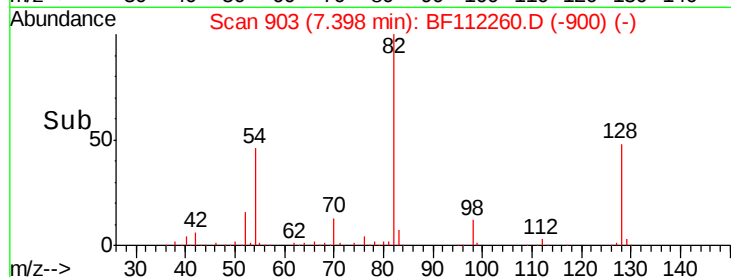
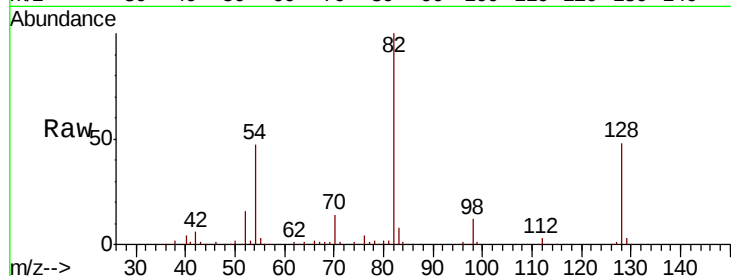
Tgt Ion: 82 Resp: 195084

Ion Ratio Lower Upper

82 100

95 0.3 5.7 8.5#

138 0.0 15.4 23.0#



#26

2-Nitrophenol

Concen: 0.012 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

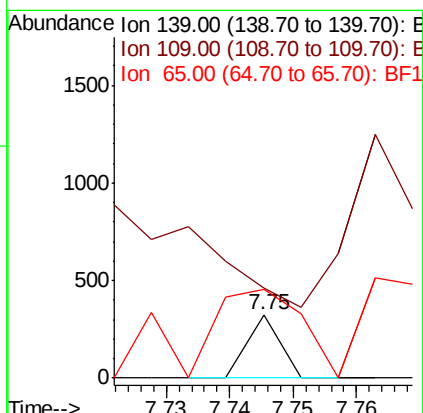
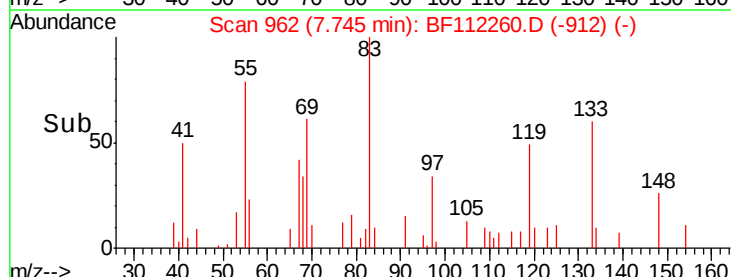
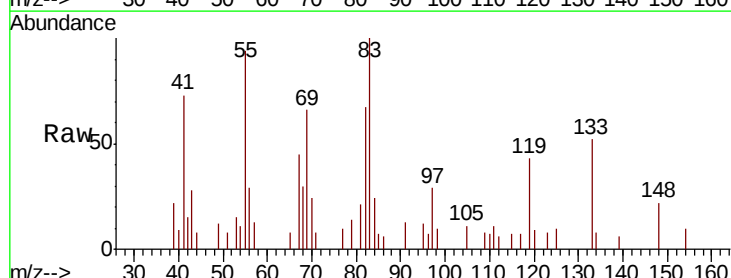
Tgt Ion: 139 Resp: 114

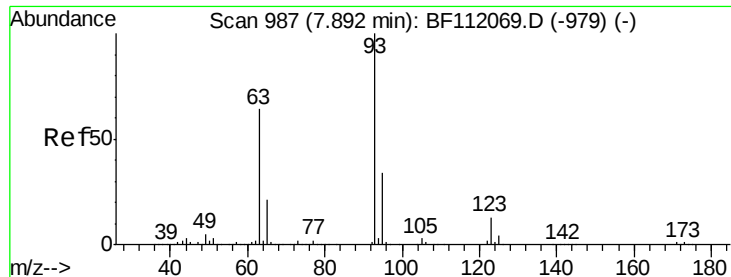
Ion Ratio Lower Upper

139 100

109 142.9 20.8 31.2#

65 139.5 34.4 51.6#

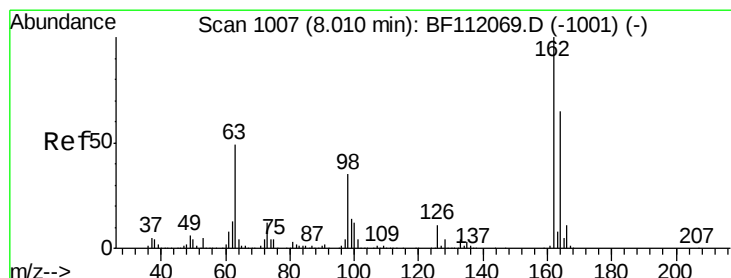
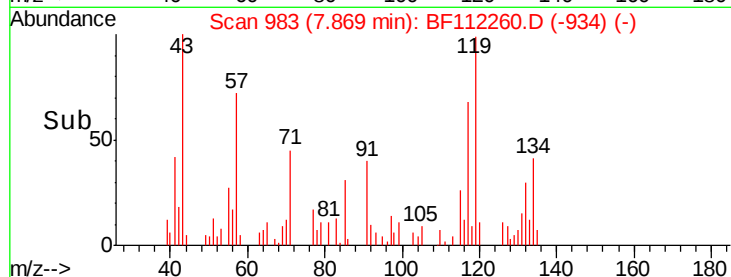
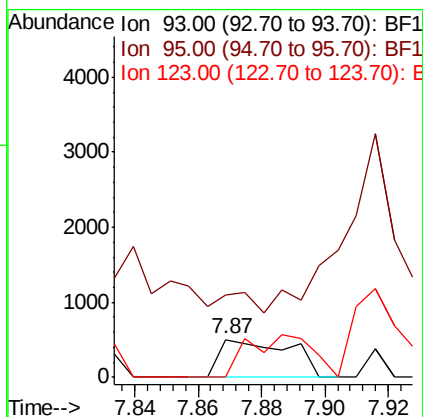
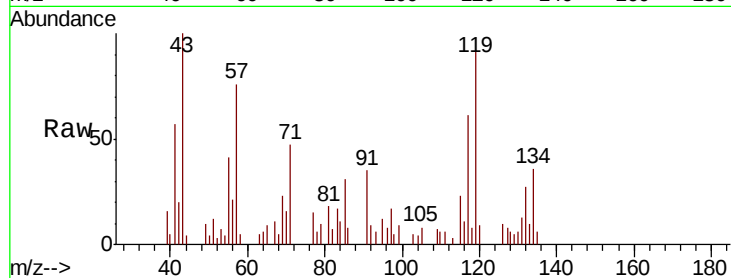




#28
bis(2-Chloroethoxy)methane
Concen: 0.040 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

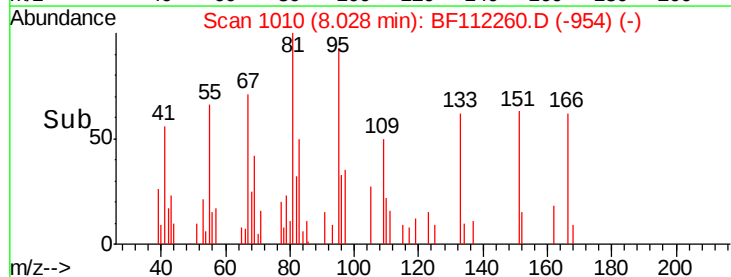
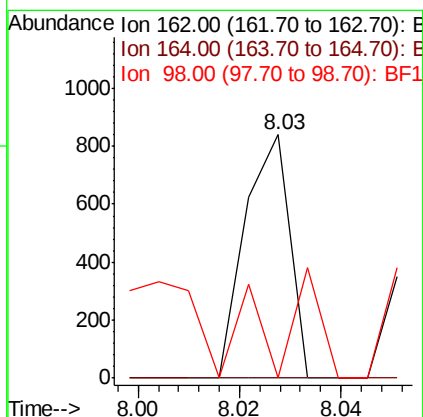
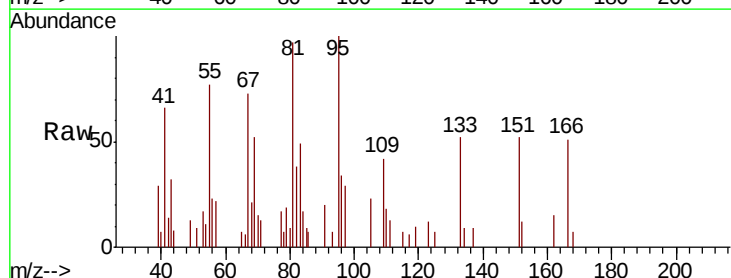
Instrument :
BNA_F
ClientSampleId :
SU-04-012419-A

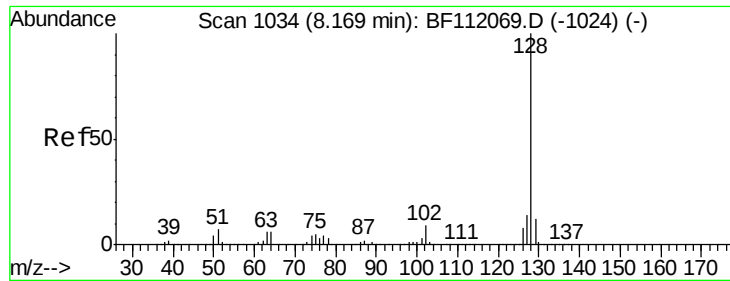
Tgt Ion: 93 Resp: 762
Ion Ratio Lower Upper
93 100
95 215.0 26.8 40.2#
123 0.0 10.2 15.2#



#29
2,4-Dichlorophenol
Concen: 0.035 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.03 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

Tgt Ion: 162 Resp: 517
Ion Ratio Lower Upper
162 100
164 0.0 44.6 84.6#
98 0.0 14.6 54.6#

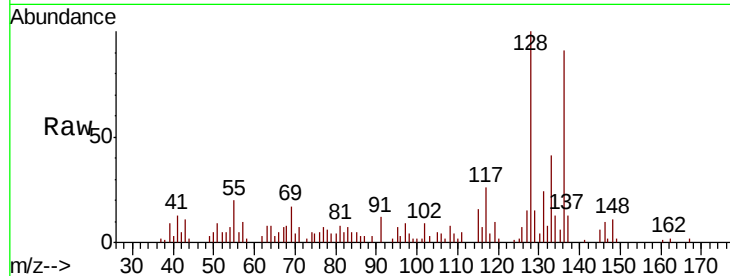




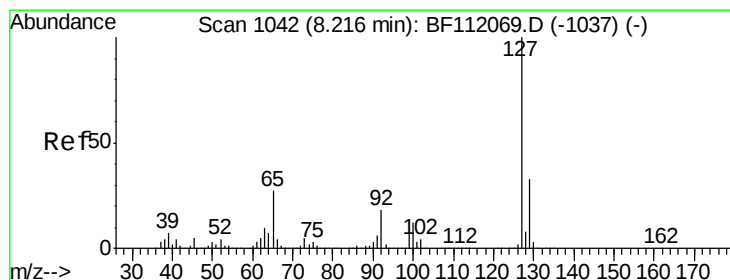
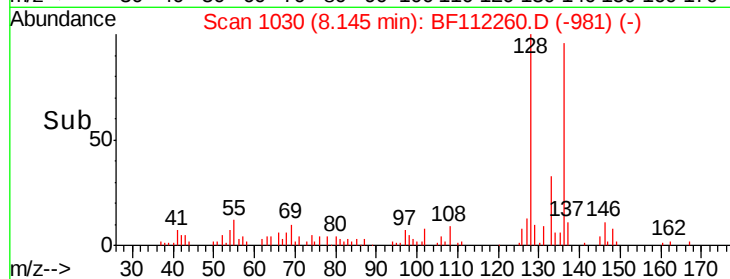
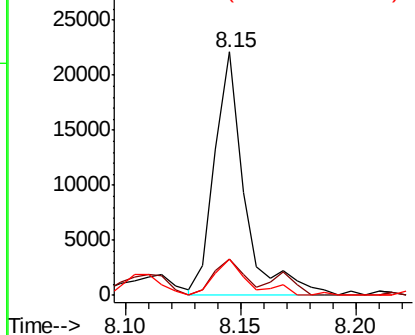
#31
Naphthalene
Concen: 0.411 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

Instrument :
BNA_F
ClientSampleId :
SU-04-012419-A

Tgt Ion:128 Resp: 19903
Ion Ratio Lower Upper
128 100
129 14.7 9.6 14.4#
127 15.0 11.1 16.7

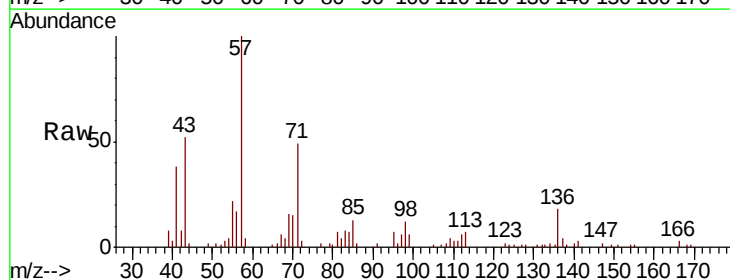


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

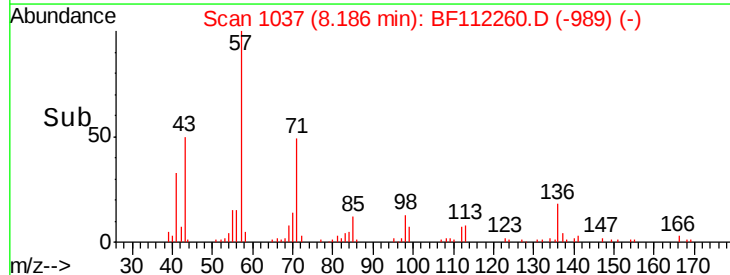
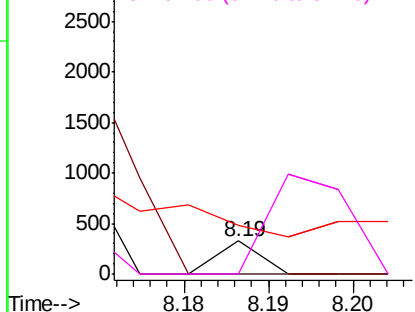


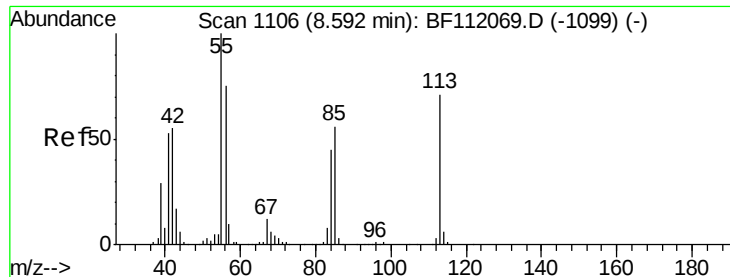
#33
4-Chloroaniline
Concen: 0.005 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

Tgt Ion:127 Resp: 115
Ion Ratio Lower Upper
127 100
129 0.0 26.6 39.8#
65 148.0 21.4 32.2#
92 0.0 14.2 21.2#



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





#35

Caprolactam

Concen: 0.044 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

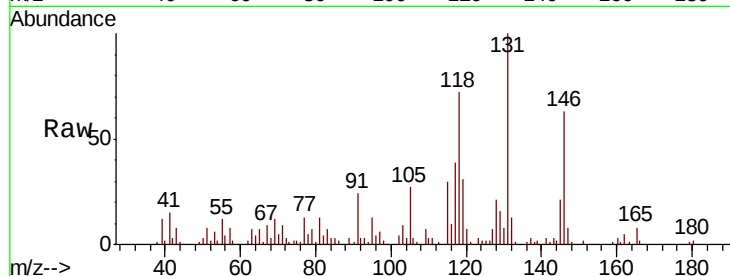
Tgt Ion:113 Resp: 231

Ion Ratio Lower Upper

113 100

55 1437.7 121.6 161.6#

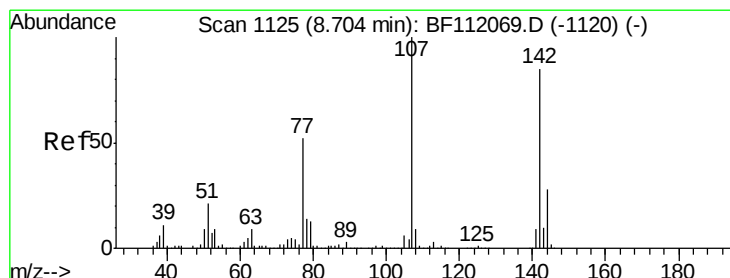
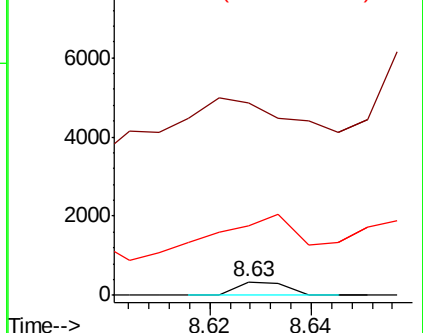
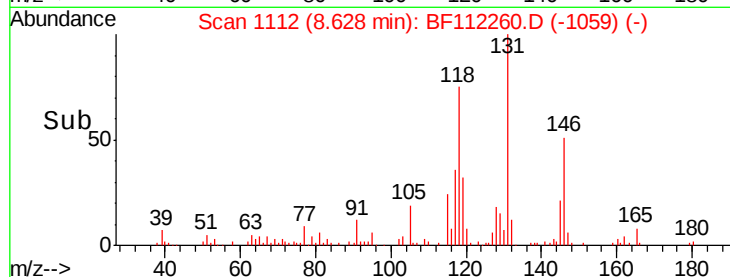
56 520.8 86.7 126.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 0.041 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

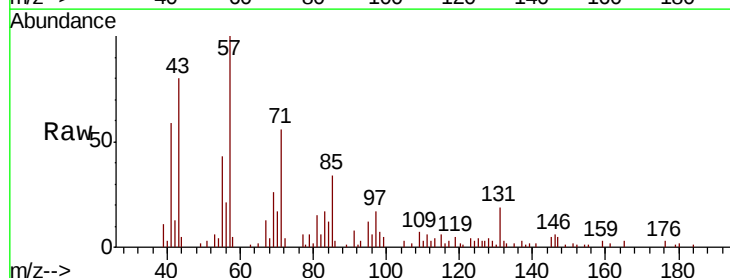
Tgt Ion:107 Resp: 647

Ion Ratio Lower Upper

107 100

144 0.0 22.2 33.2#

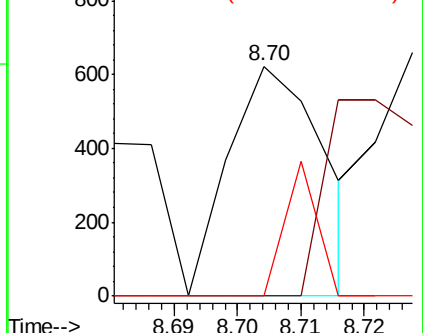
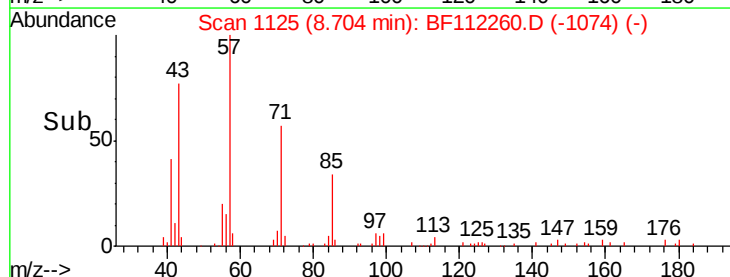
142 0.0 67.7 101.5#

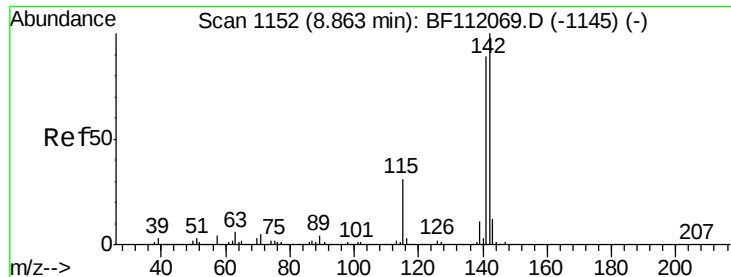


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

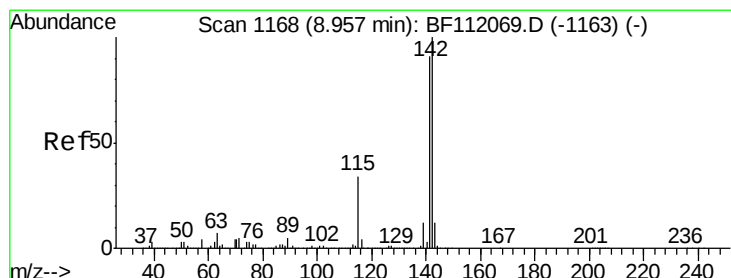
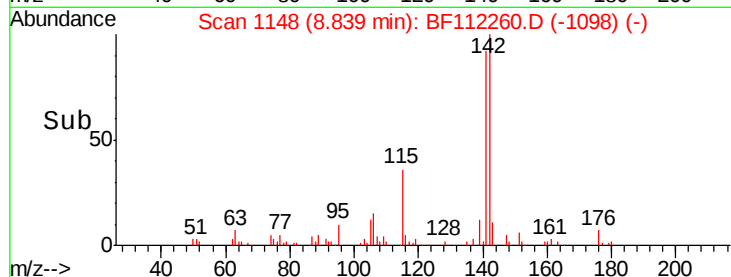
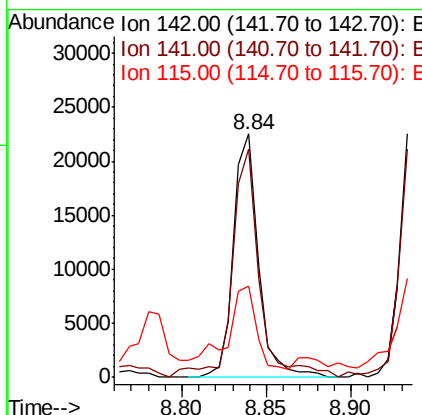
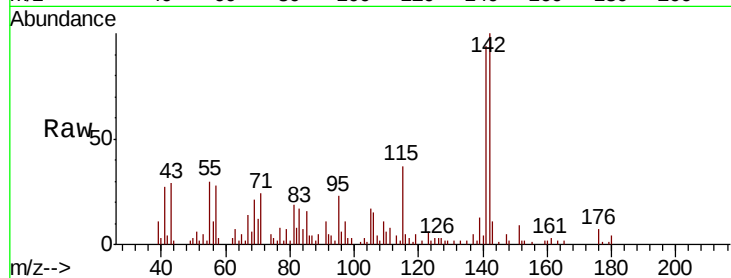




#37
 2-Methylnaphthalene
 Concen: 0.696 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF112260.D
 Acq: 26 Jan 2019 4:14

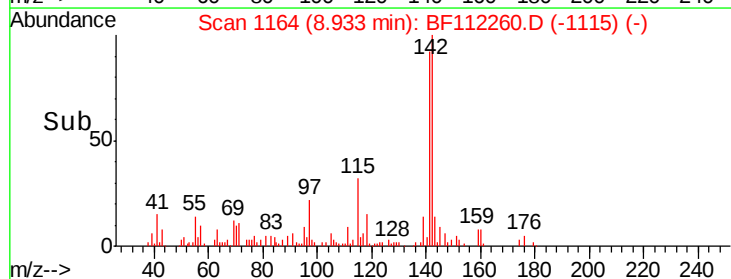
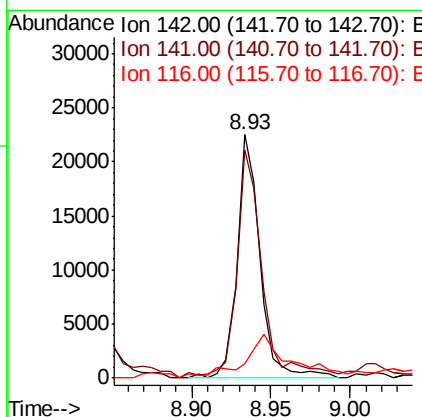
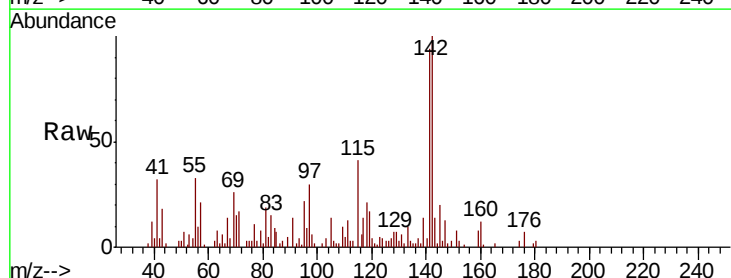
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-A

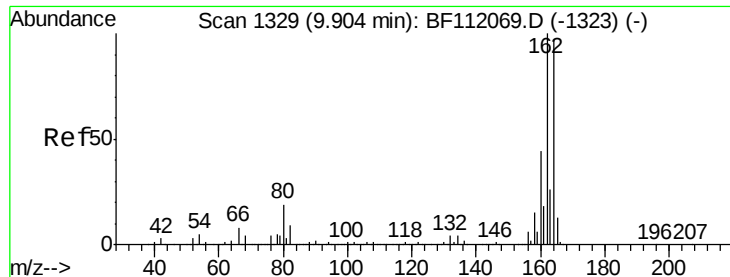
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	70.9	106.3
115	37.3	24.9	37.3



#38
 1-Methylnaphthalene
 Concen: 0.712 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF112260.D
 Acq: 26 Jan 2019 4:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	72.6	108.8
116	6.2	2.8	4.2#

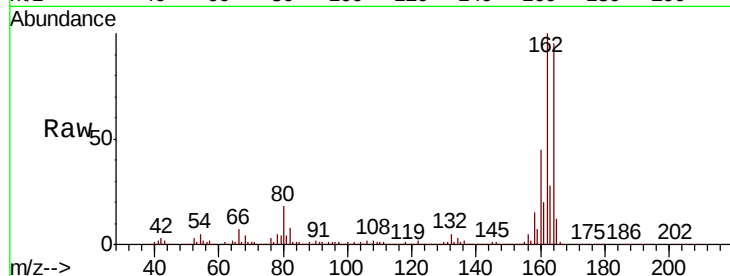




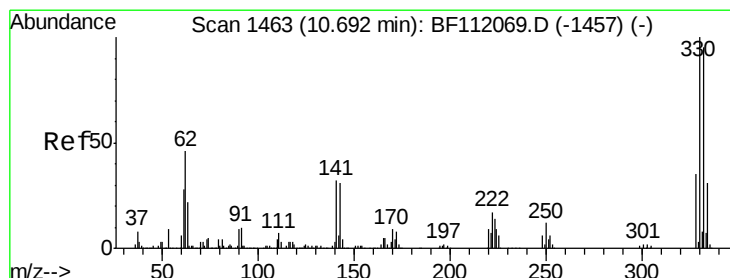
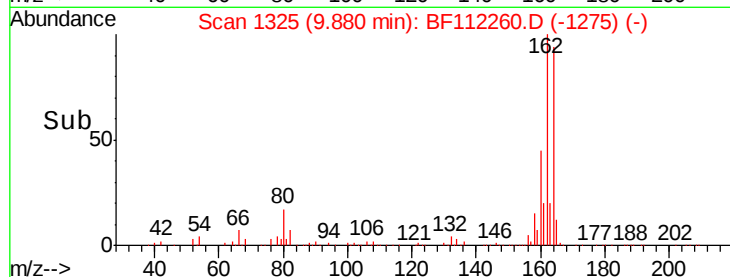
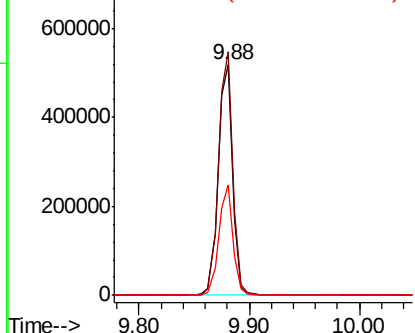
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF112260.D
 Acq: 26 Jan 2019 4:14

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-A

Tgt Ion:164 Resp: 467643
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.2 123.4
 160 47.8 36.2 54.4

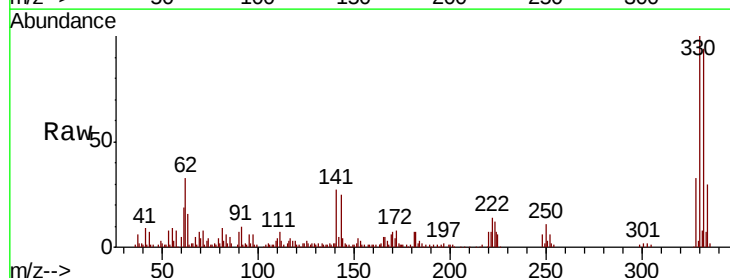


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

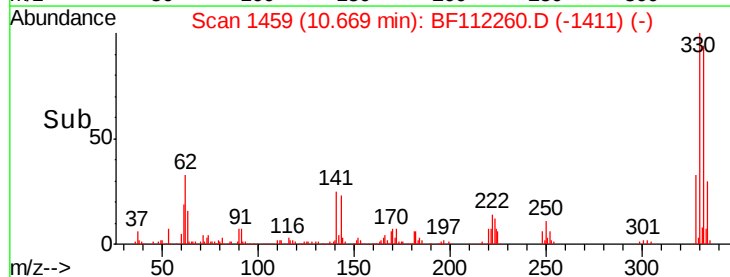
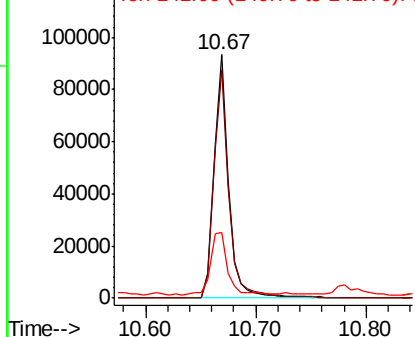


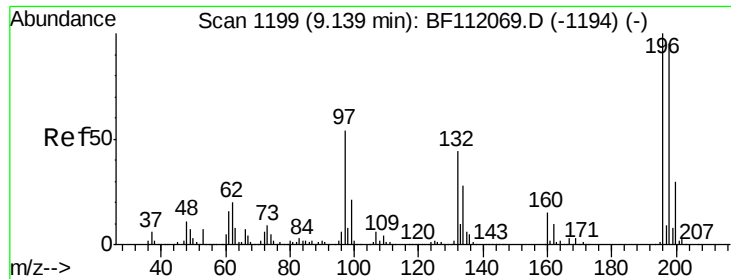
#42
 2,4,6-Tribromophenol
 Concen: 15.668 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF112260.D
 Acq: 26 Jan 2019 4:14

Tgt Ion:330 Resp: 85285
 Ion Ratio Lower Upper
 330 100
 332 95.5 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

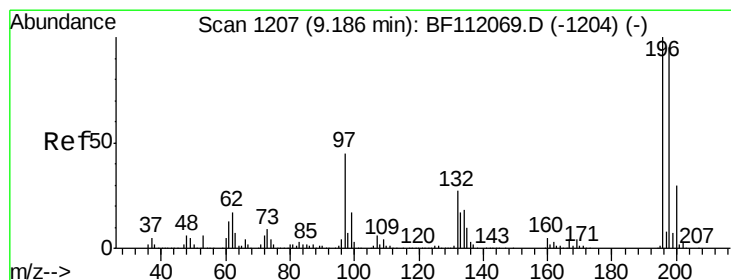
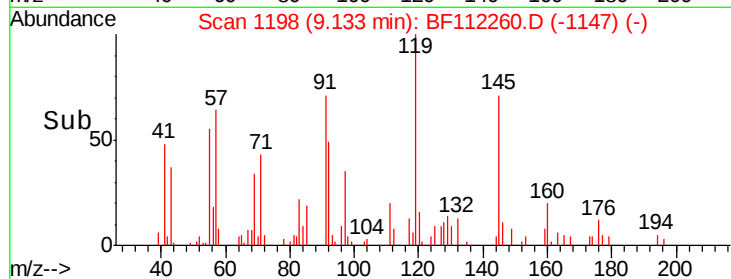
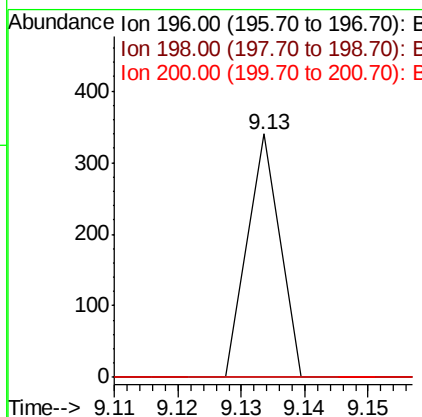
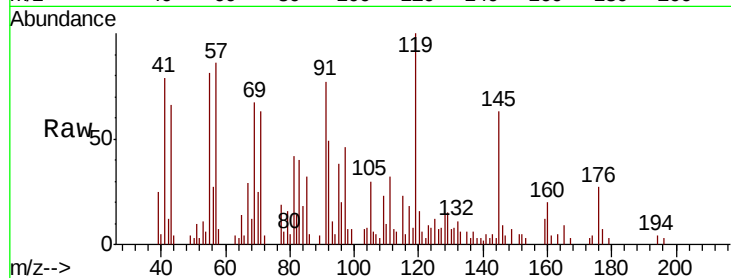




#43
 2,4,6-Trichlorophenol
 Concen: 0.013 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF112260.D
 Acq: 26 Jan 2019 4:14

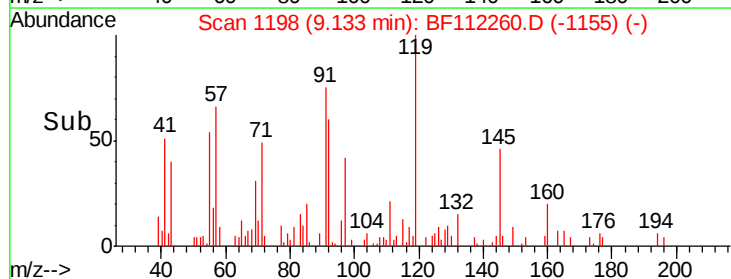
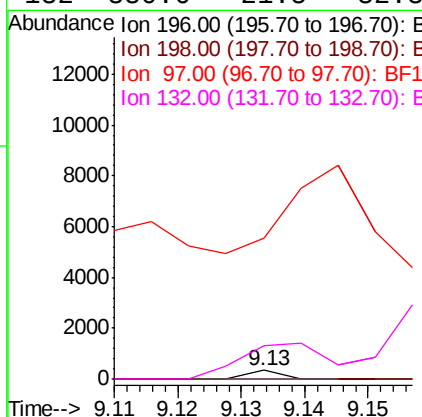
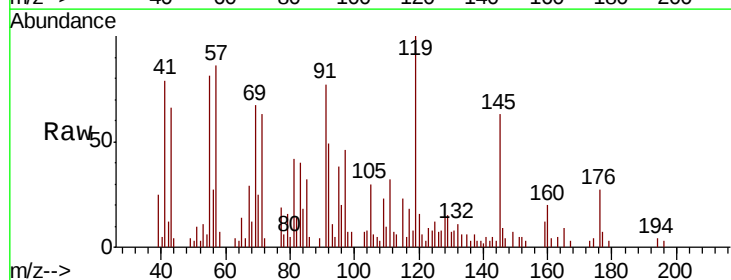
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-A

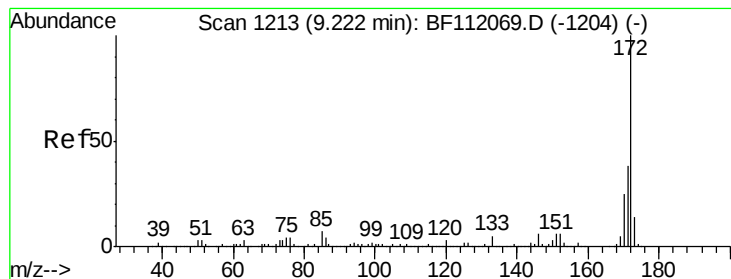
Tgt Ion:196 Resp: 120
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.2 114.4#
 200 0.0 24.3 36.5#



#44
 2,4,5-Trichlorophenol
 Concen: 0.012 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.05 min
 Lab File: BF112260.D
 Acq: 26 Jan 2019 4:14

Tgt Ion:196 Resp: 120
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.0 114.0#
 97 1632.4 36.4 54.6#
 132 380.6 21.5 32.3#





#45

2-Fluorobiphenyl

Concen: 12.989 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

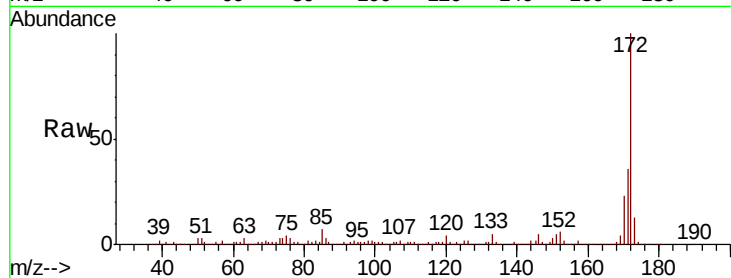
Tgt Ion:172 Resp: 429480

Ion Ratio Lower Upper

172 100

171 35.8 30.5 45.7

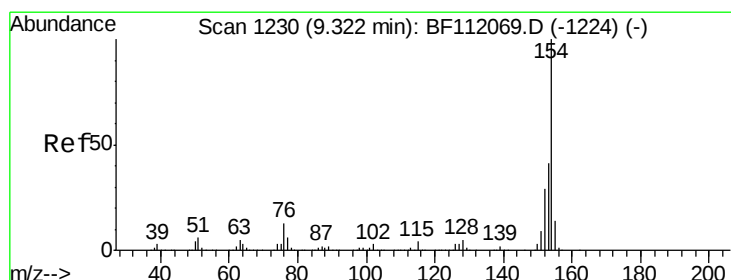
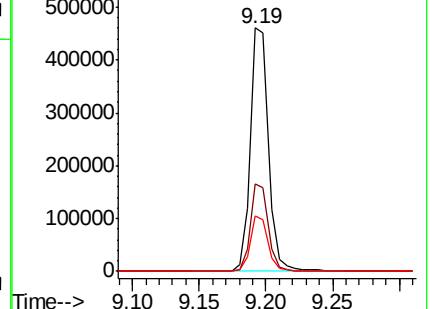
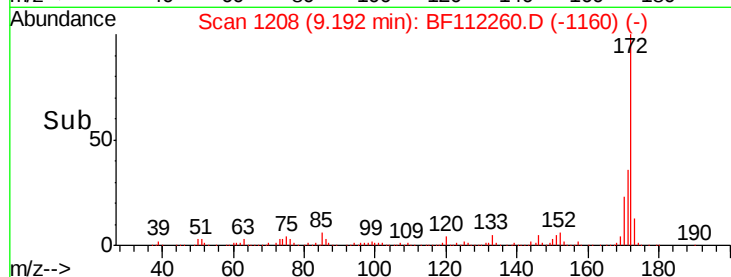
170 22.9 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 0.313 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

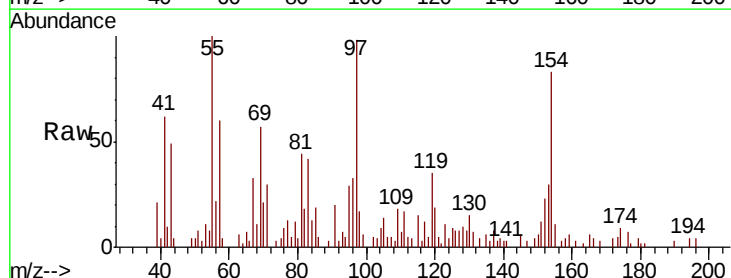
Tgt Ion:154 Resp: 12801

Ion Ratio Lower Upper

154 100

153 36.2 21.5 61.5

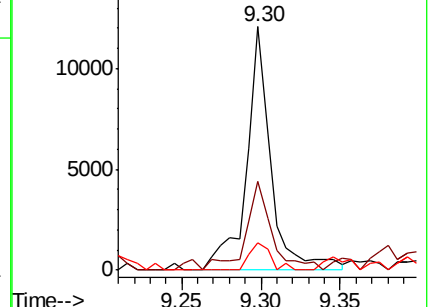
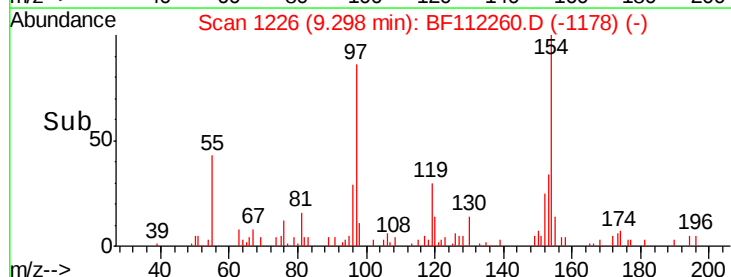
76 11.4 0.0 33.1

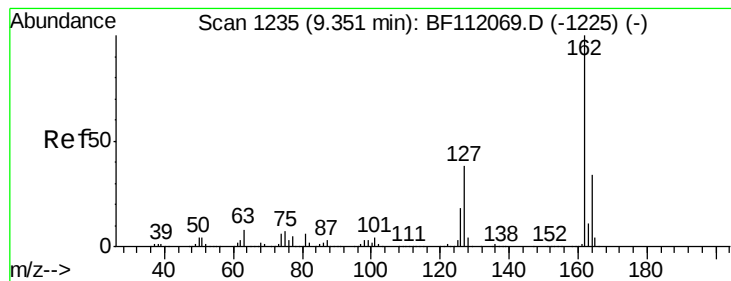


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 0.019 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.04 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

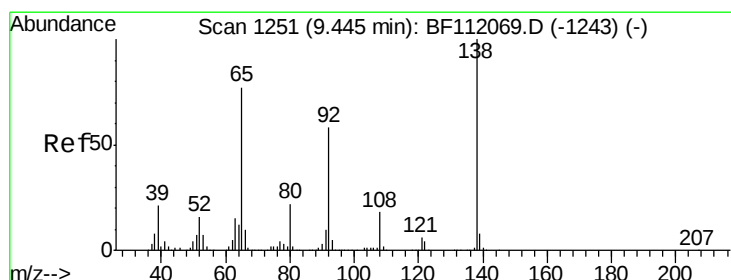
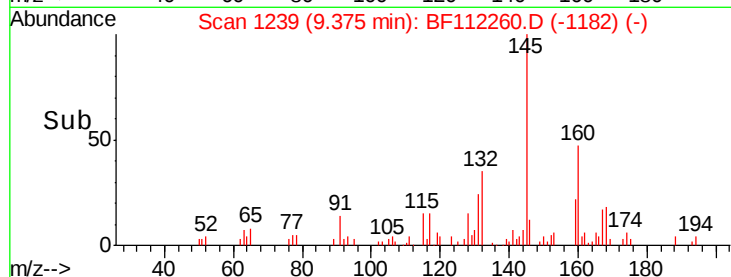
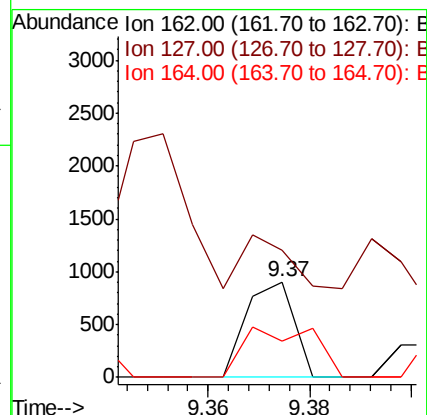
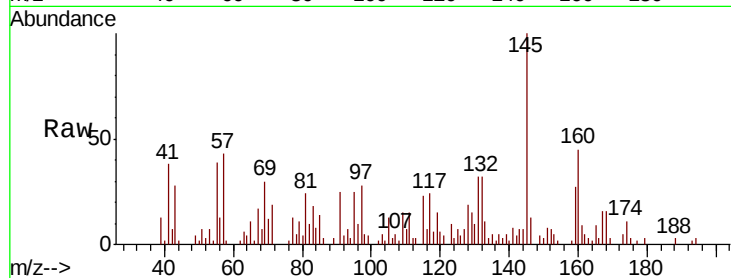
Tgt Ion: 162 Resp: 589

Ion Ratio Lower Upper

162 100

127 133.4 30.4 45.6#

164 37.5 27.4 41.2



#48

2-Nitroaniline

Concen: 0.029 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

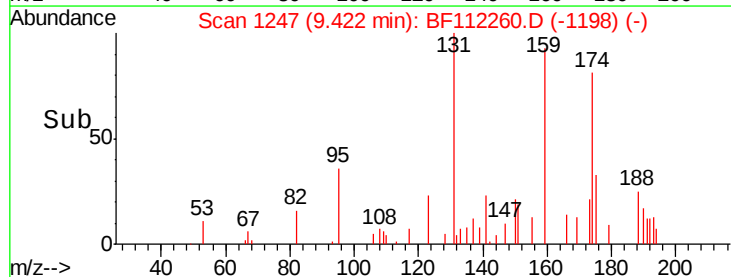
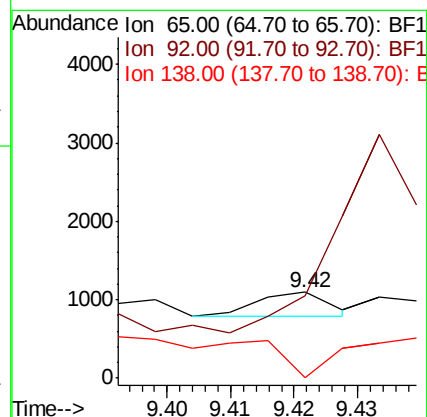
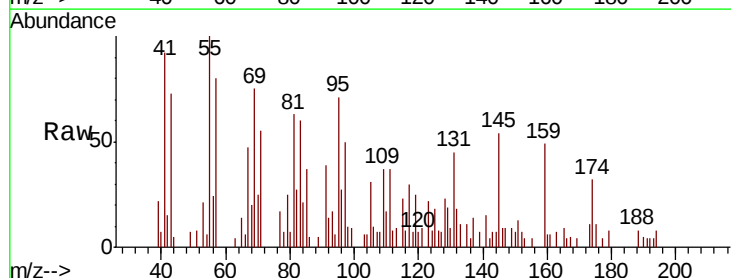
Tgt Ion: 65 Resp: 247

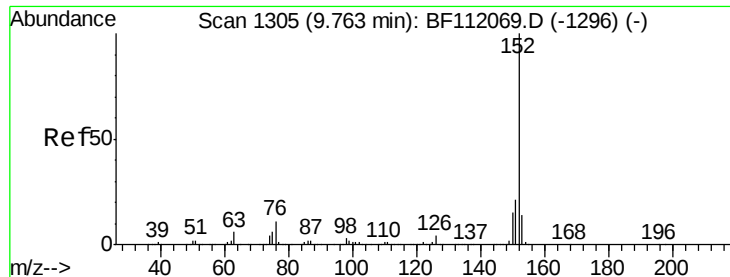
Ion Ratio Lower Upper

65 100

92 96.0 60.4 90.6#

138 0.0 104.4 156.6#





#49

Acenaphthylene

Concen: 0.451 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

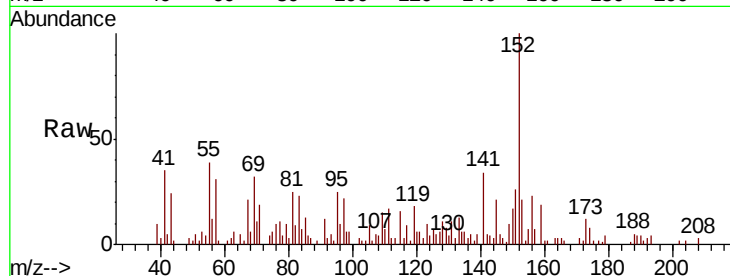
Tgt Ion:152 Resp: 20966

Ion Ratio Lower Upper

152 100

151 25.8 17.0 25.6#

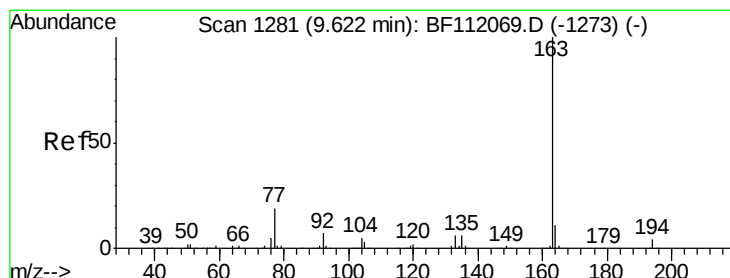
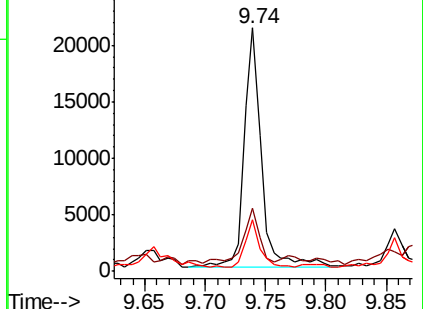
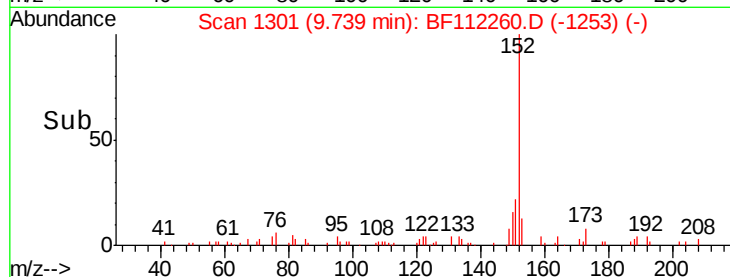
153 21.1 11.2 16.8#



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: 0.982 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

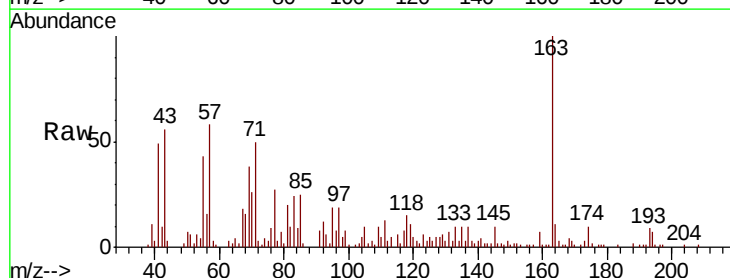
Tgt Ion:163 Resp: 35689

Ion Ratio Lower Upper

163 100

194 6.6 3.3 4.9#

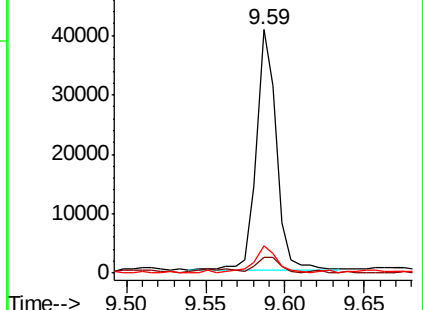
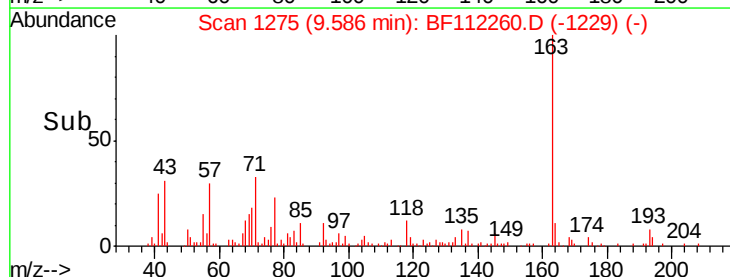
164 11.2 8.5 12.7

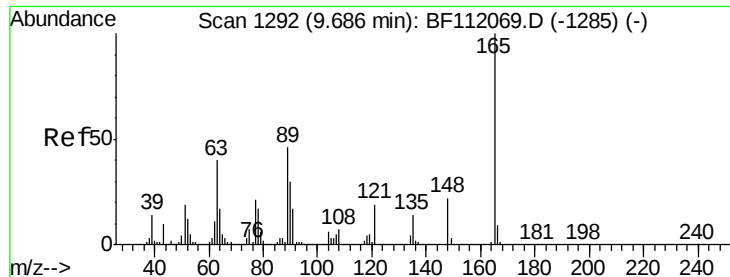


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.831 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.20 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

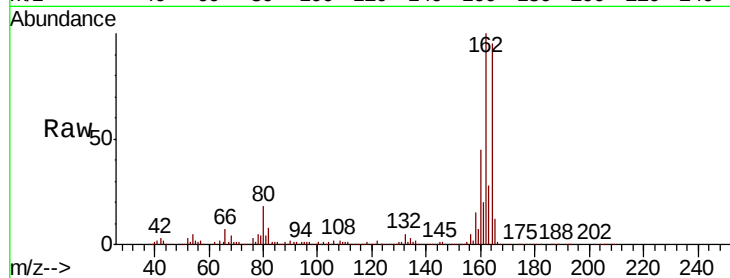
Tgt Ion:165 Resp: 63720

Ion Ratio Lower Upper

165 100

63 1.9 33.8 50.8#

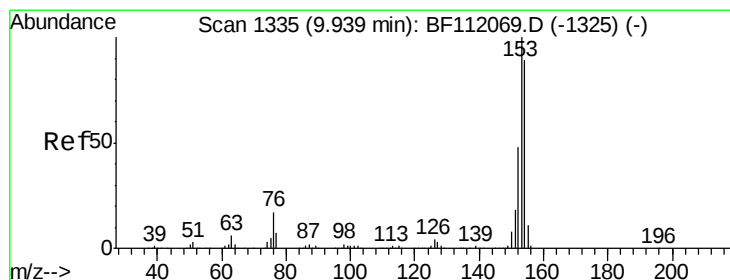
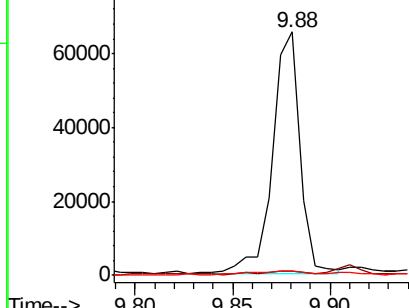
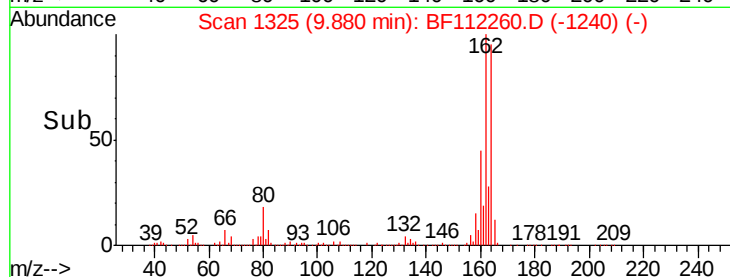
89 1.7 36.9 55.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 0.765 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

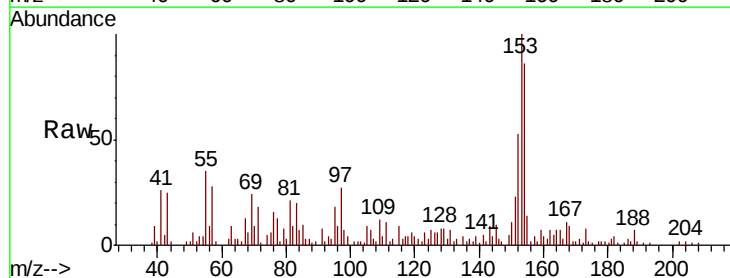
Tgt Ion:154 Resp: 21234

Ion Ratio Lower Upper

154 100

153 116.3 89.8 134.6

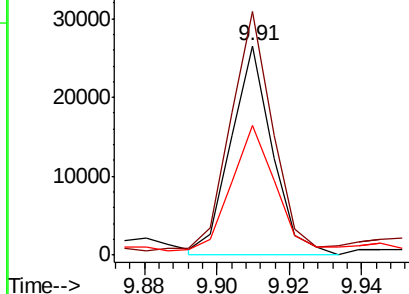
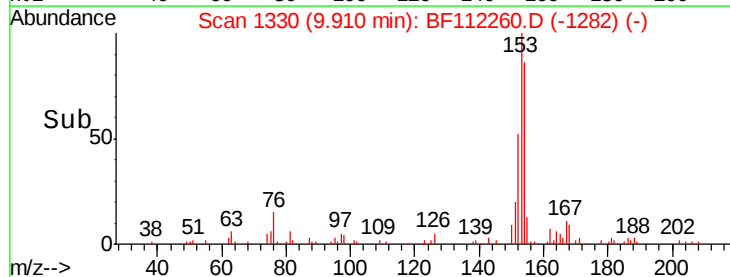
152 61.8 43.5 65.3

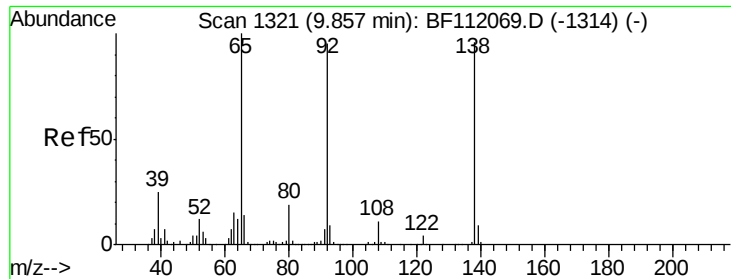


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

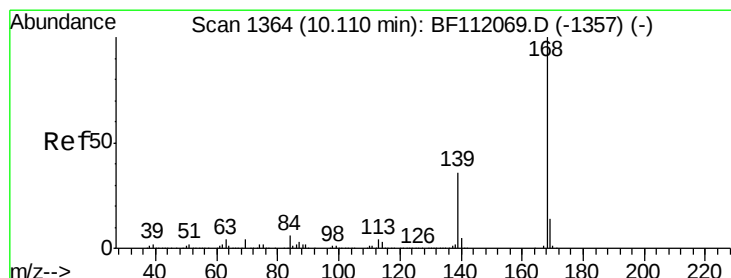
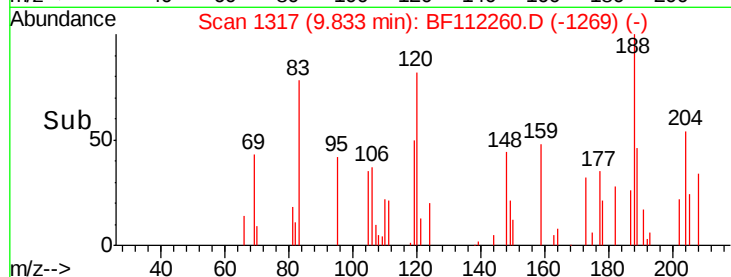
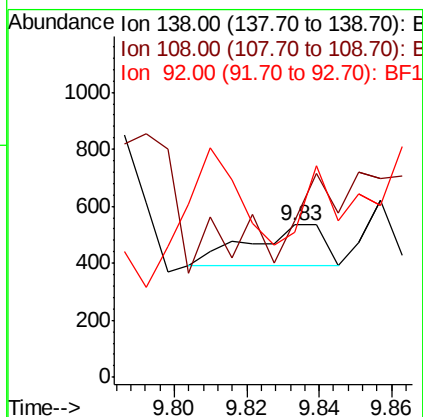
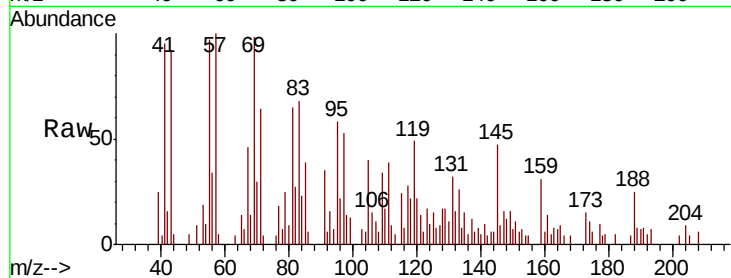




#53
3-Nitroaniline
Concen: 0.023 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

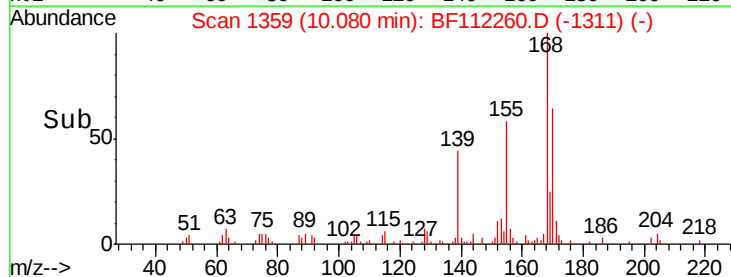
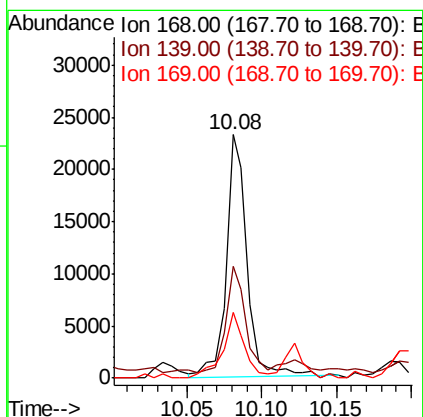
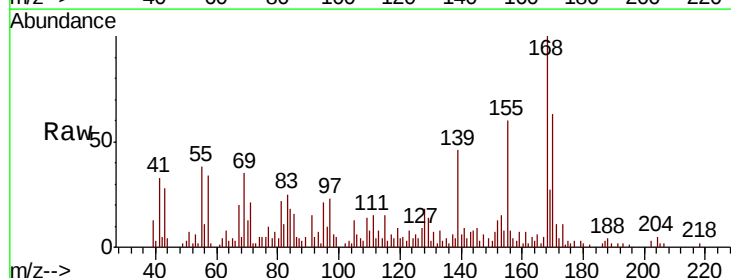
Instrument :
BNA_F
ClientSampleId :
SU-04-012419-A

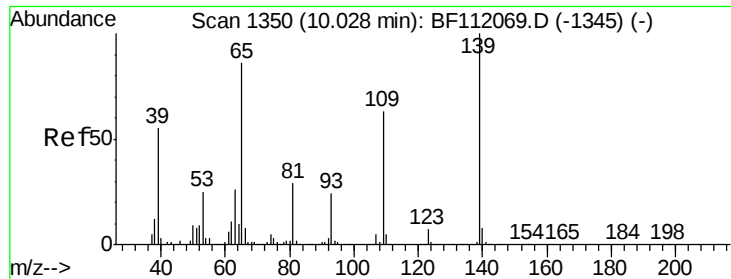
Tgt Ion:138 Resp: 205
Ion Ratio Lower Upper
138 100
108 103.0 9.8 14.6#
92 95.5 79.4 119.2



#55
Dibenzofuran
Concen: 0.533 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.02 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

Tgt Ion:168 Resp: 22611
Ion Ratio Lower Upper
168 100
139 45.7 29.2 43.8#
169 27.0 11.4 17.0#

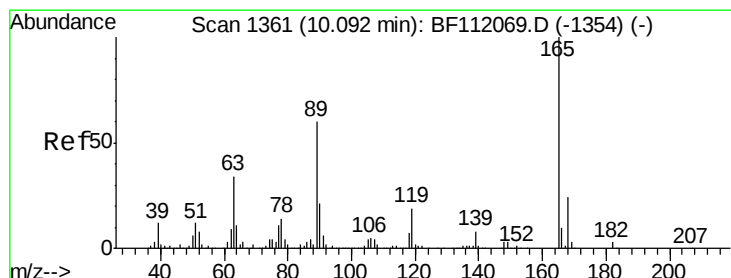
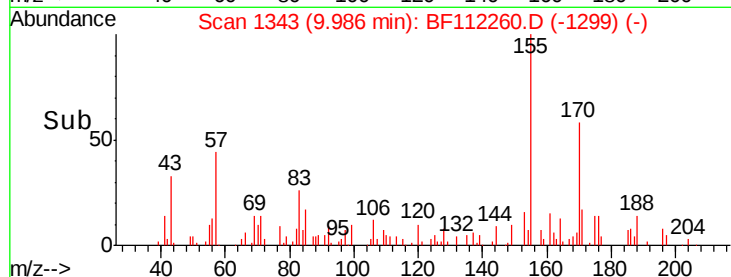
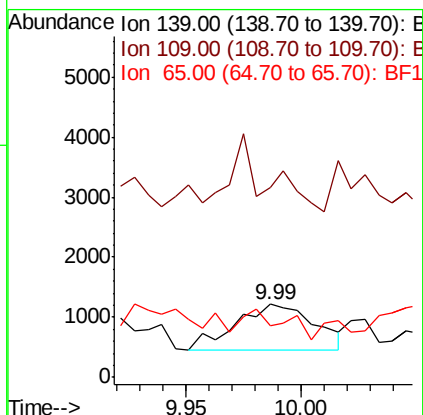
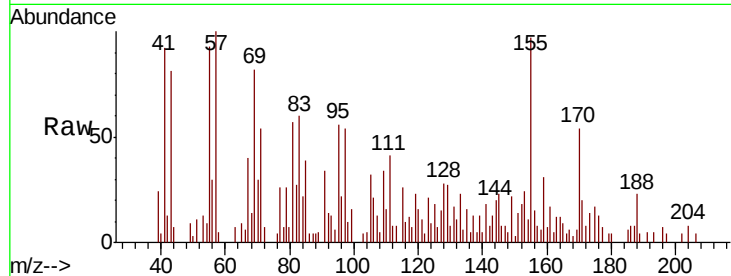




#56
4-Nitrophenol
Concen: 0.399 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.04 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

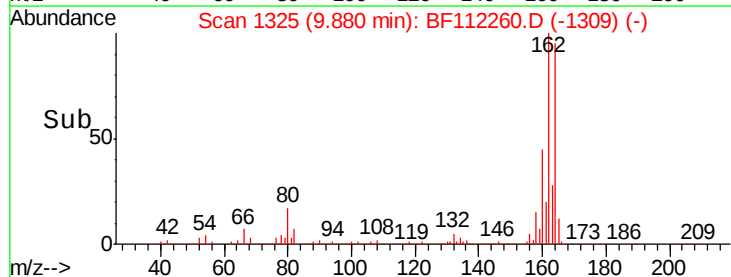
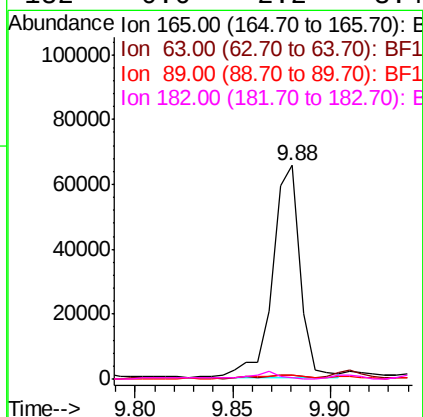
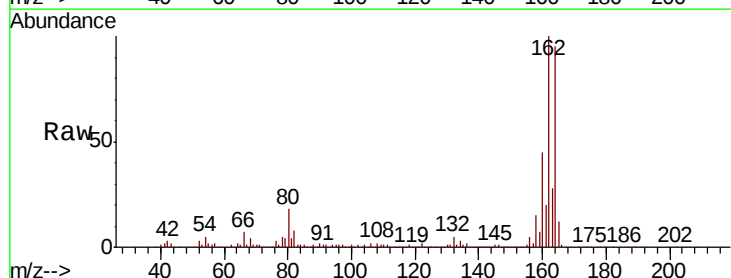
Instrument :
BNA_F
ClientSampleId :
SU-04-012419-A

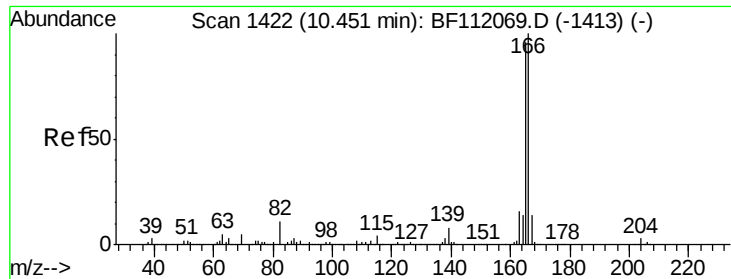
Tgt Ion:139 Resp: 1859
Ion Ratio Lower Upper
139 100
109 259.7 42.8 82.8#
65 70.6 66.1 106.1



#57
2,4-Dinitrotoluene
Concen: 6.151 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

Tgt Ion:165 Resp: 63720
Ion Ratio Lower Upper
165 100
63 1.9 27.9 41.9#
89 1.7 47.9 71.9#
182 0.6 2.2 3.4#





#58

Fluorene

Concen: 1.544 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

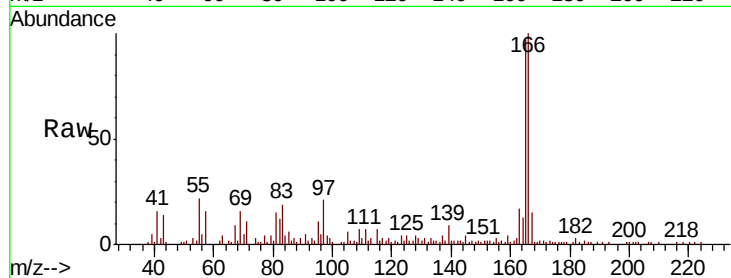
Tgt Ion:166 Resp: 49018

Ion Ratio Lower Upper

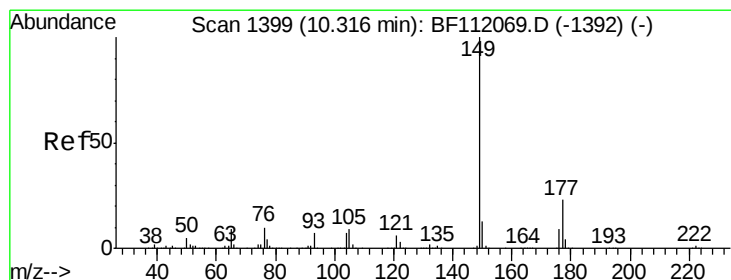
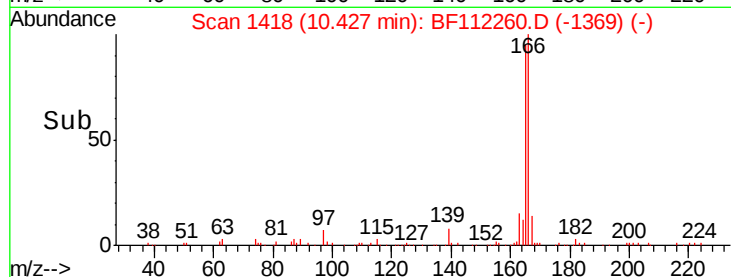
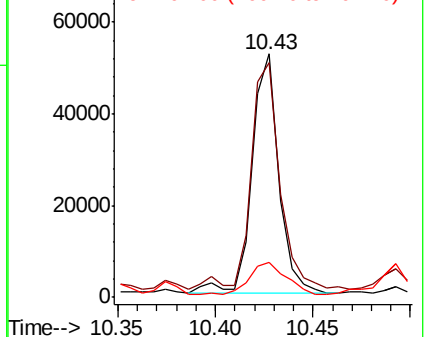
166 100

165 96.5 77.1 115.7

167 14.6 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



#60

Diethylphthalate

Concen: 0.064 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.02 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

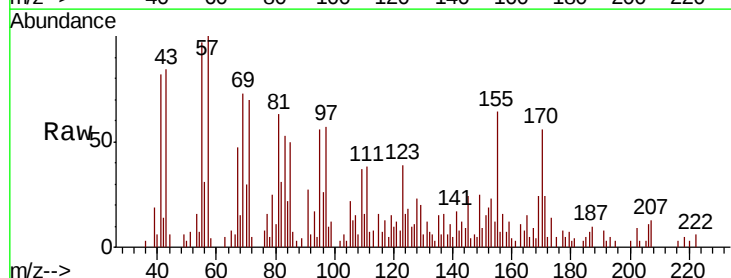
Tgt Ion:149 Resp: 2302

Ion Ratio Lower Upper

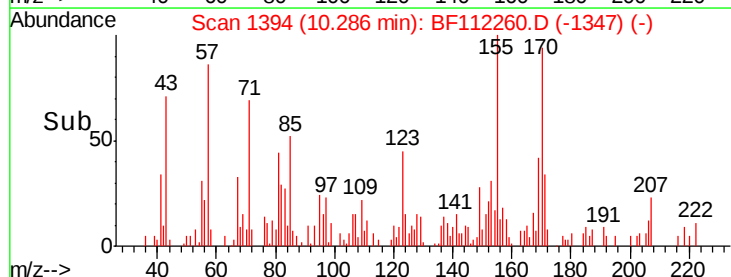
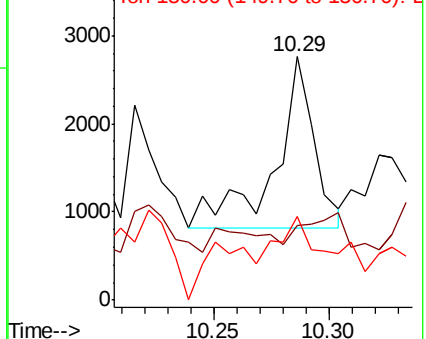
149 100

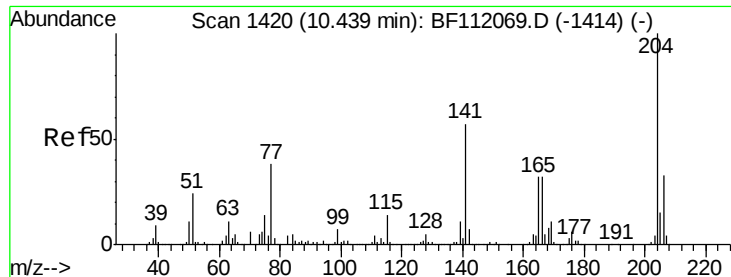
177 30.7 18.2 27.2#

150 34.3 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

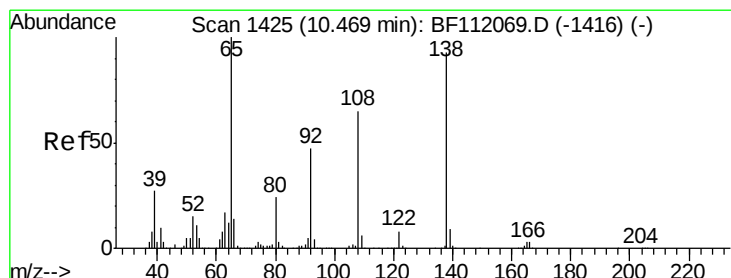
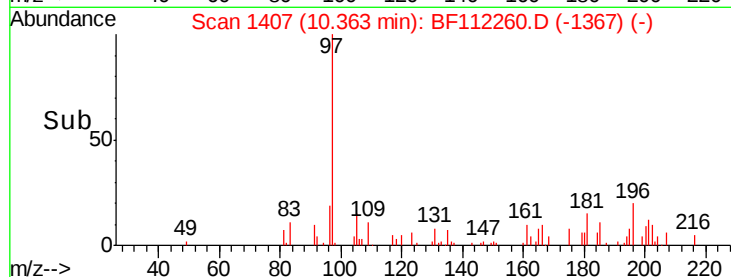
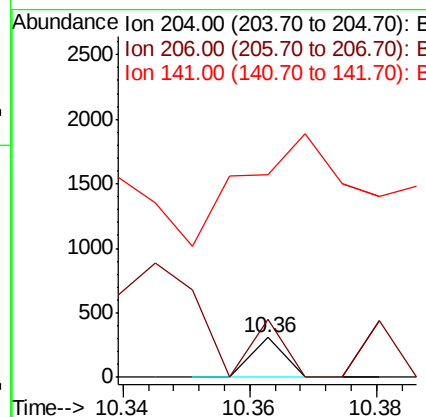
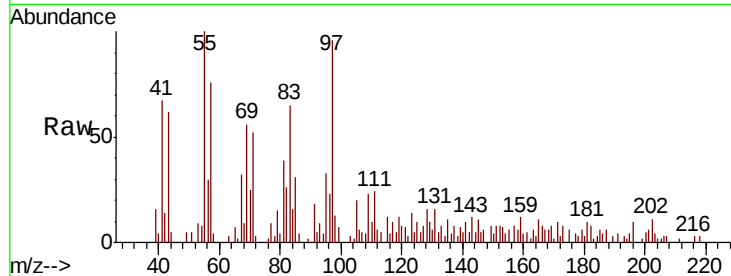




#61
 4-Chlorophenyl-phenylether
 Concen: 0.006 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.06 min
 Lab File: BF112260.D
 Acq: 26 Jan 2019 4:14

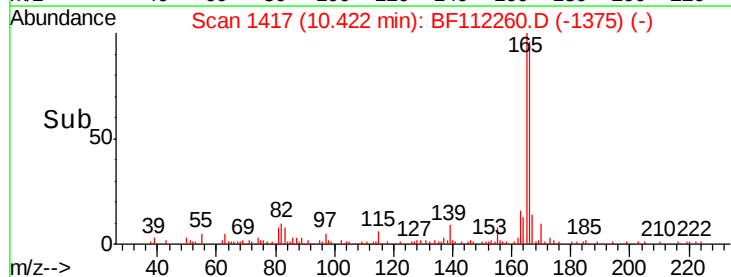
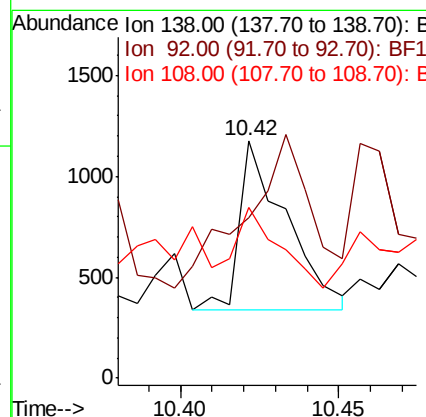
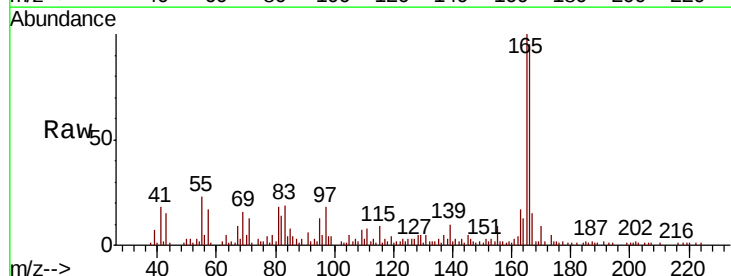
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-A

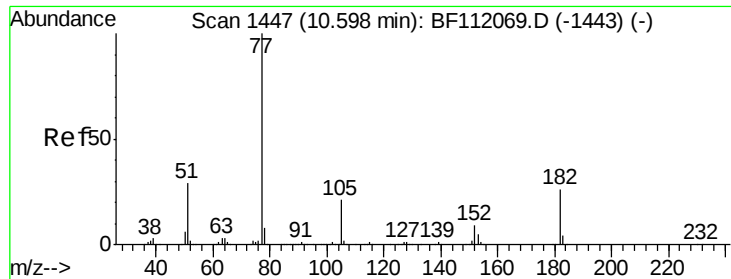
Tgt Ion: 204 Resp: 109
 Ion Ratio Lower Upper
 204 100
 206 146.1 26.5 39.7#
 141 510.1 45.9 68.9#



#62
 4-Nitroaniline
 Concen: 0.099 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.05 min
 Lab File: BF112260.D
 Acq: 26 Jan 2019 4:14

Tgt Ion: 138 Resp: 856
 Ion Ratio Lower Upper
 138 100
 92 67.5 30.6 70.6
 108 72.1 50.0 90.0

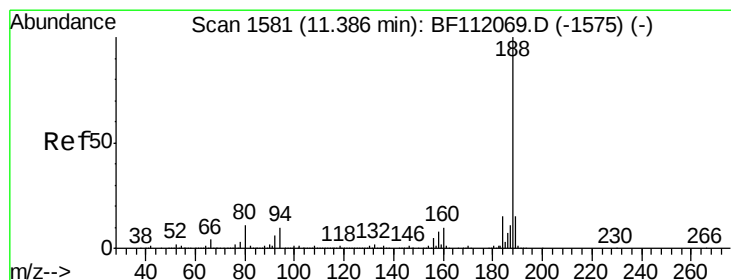
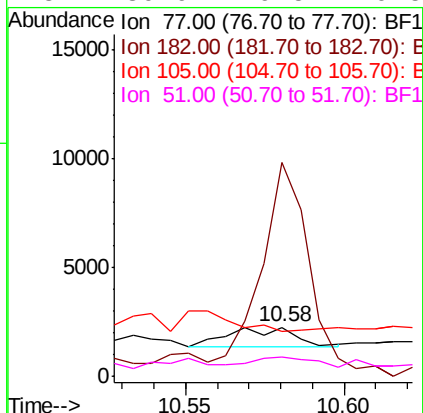
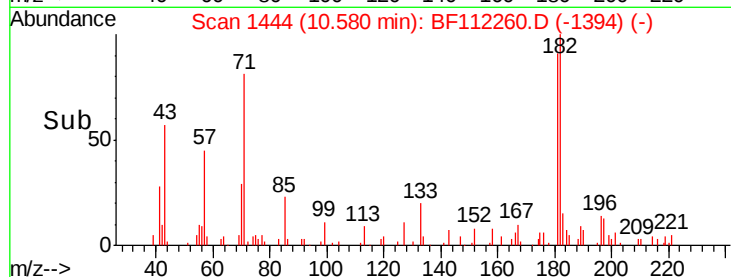
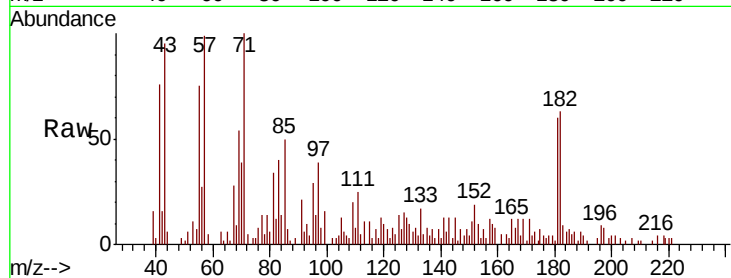




#63
Azobenzene
Concen: 0.041 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

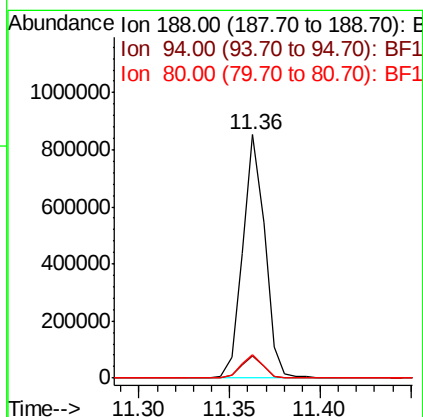
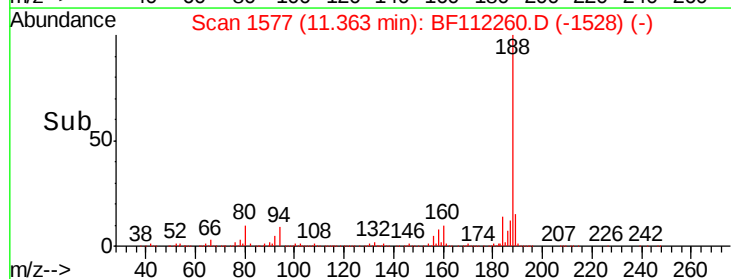
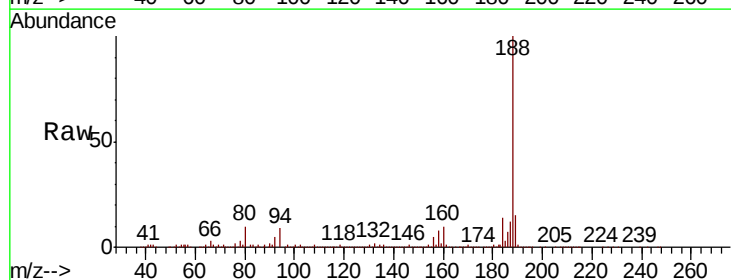
Instrument :
BNA_F
ClientSampleId :
SU-04-012419-A

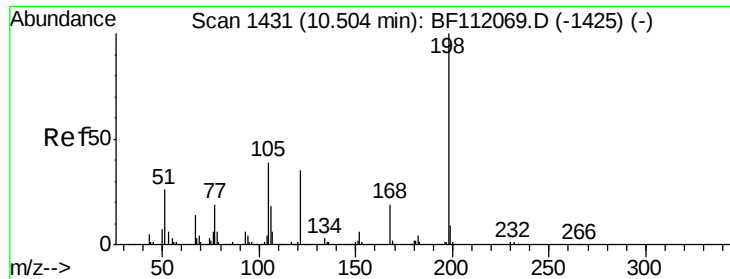
Tgt Ion	Ratio	Lower	Upper
77	100		
182	437.0	5.7	45.7#
105	92.7	1.4	41.4#
51	39.9	9.5	49.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	9.6	8.9	13.3

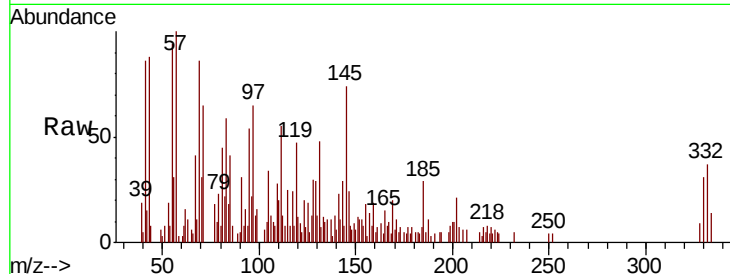




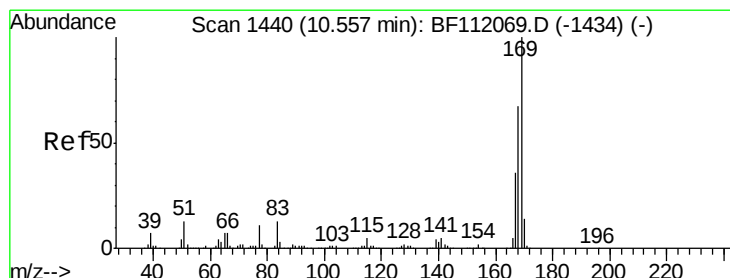
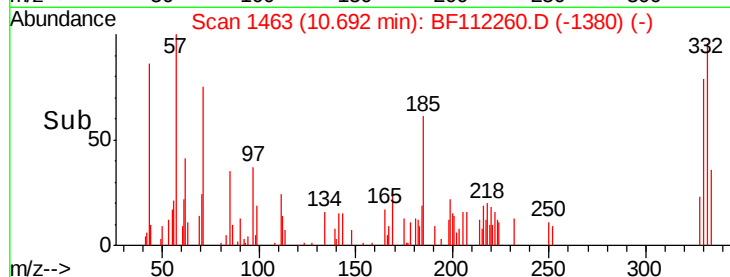
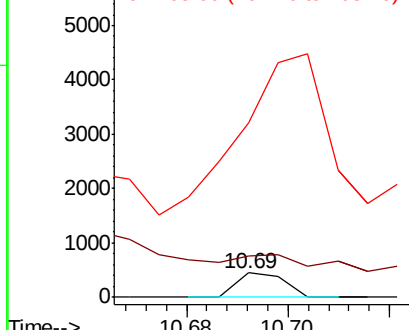
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.071 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.19 min
 Lab File: BF112260.D
 Acq: 26 Jan 2019 4:14

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-A

Tgt Ion:198 Resp: 289
 Ion Ratio Lower Upper
 198 100
 51 172.5 17.2 57.2#
 105 722.5 21.9 61.9#

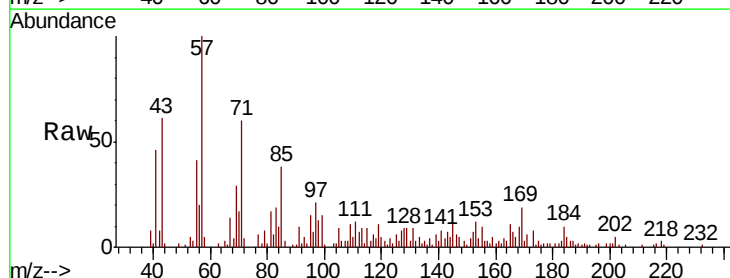


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

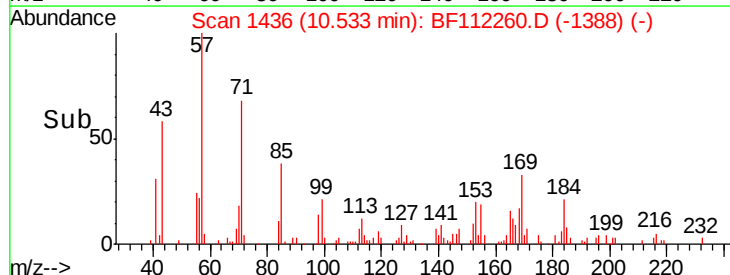
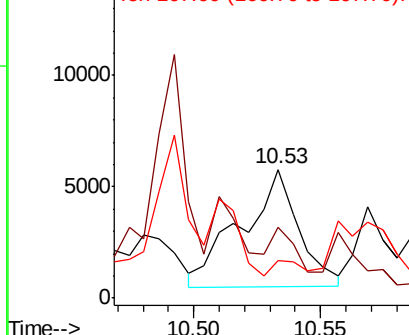


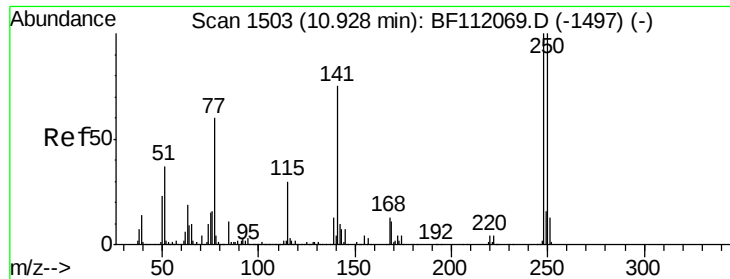
#66
 n-Nitrosodiphenylamine
 Concen: 0.341 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF112260.D
 Acq: 26 Jan 2019 4:14

Tgt Ion:169 Resp: 8323
 Ion Ratio Lower Upper
 169 100
 168 54.6 53.9 80.9
 167 28.8 28.9 43.3#



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

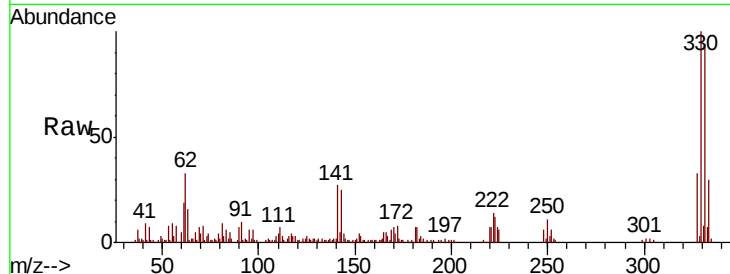




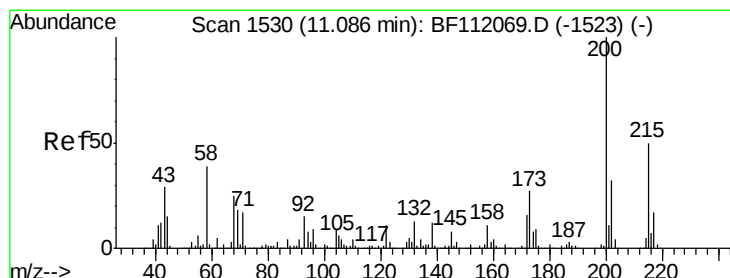
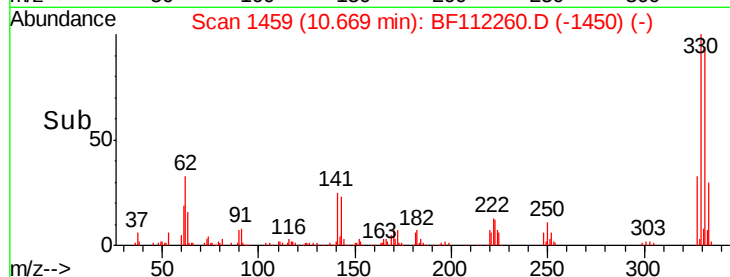
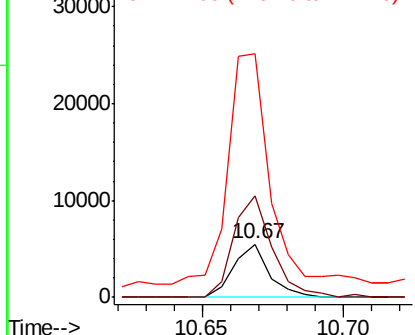
#67
4-Bromophenyl-phenylether
Concen: 0.565 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

Instrument :
BNA_F
ClientSampleId :
SU-04-012419-A

Tgt Ion:248 Resp: 4822
Ion Ratio Lower Upper
248 100
250 192.7 79.7 119.5#
141 460.0 60.3 90.5#

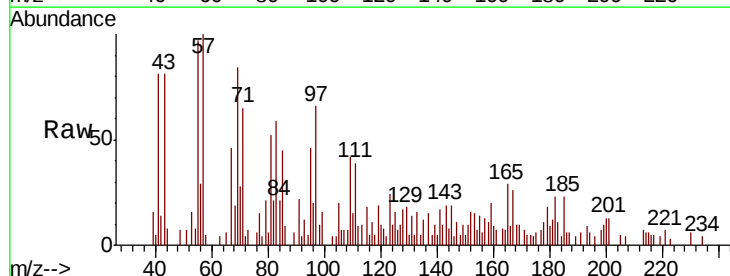


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

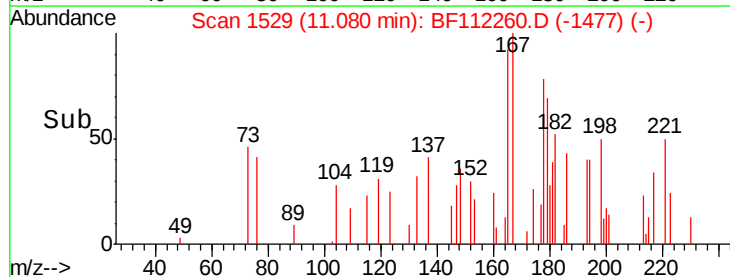
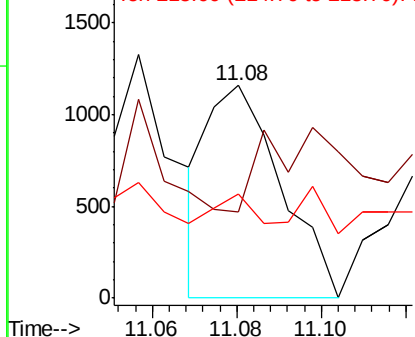


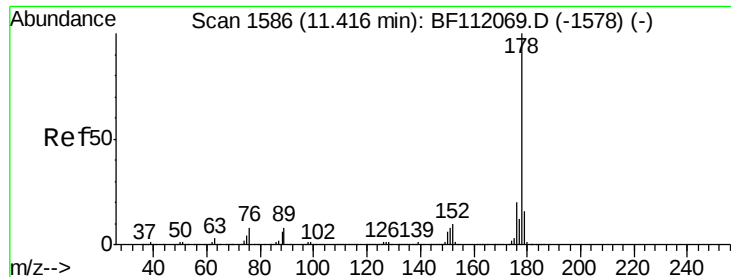
#69
Atrazine
Concen: 0.177 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

Tgt Ion:200 Resp: 1398
Ion Ratio Lower Upper
200 100
173 40.8 7.1 47.1
215 48.9 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

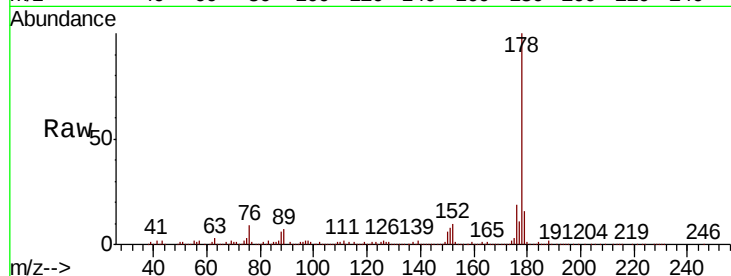




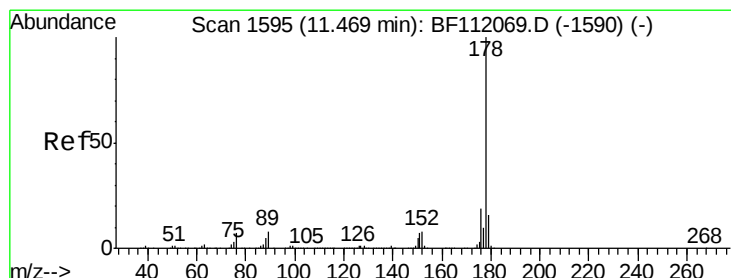
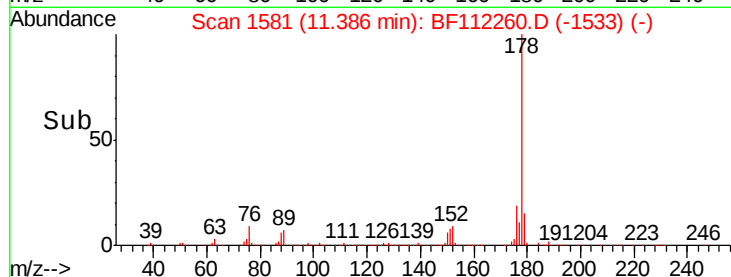
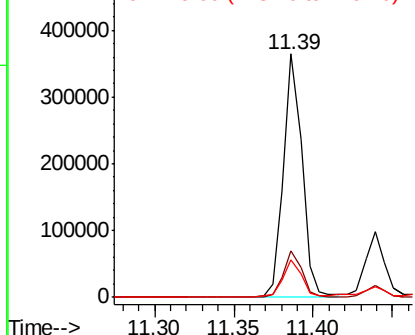
#71
Phenanthrene
Concen: 7.891 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

Instrument :
BNA_F
ClientSampleId :
SU-04-012419-A

Tgt Ion:178 Resp: 297483
Ion Ratio Lower Upper
178 100
176 19.1 16.3 24.5
179 15.7 13.0 19.4

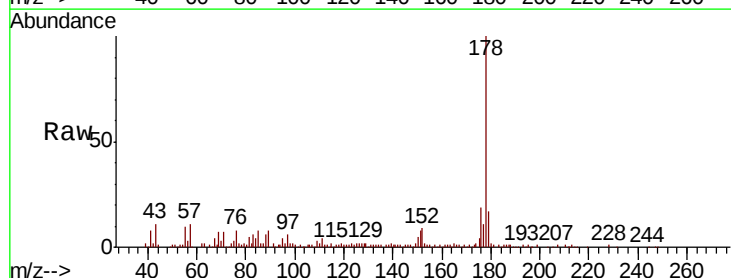


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

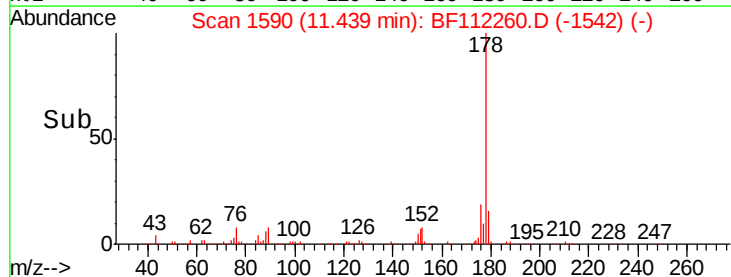
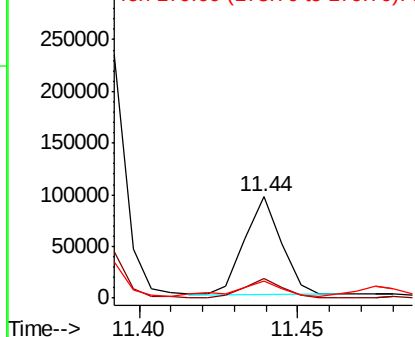


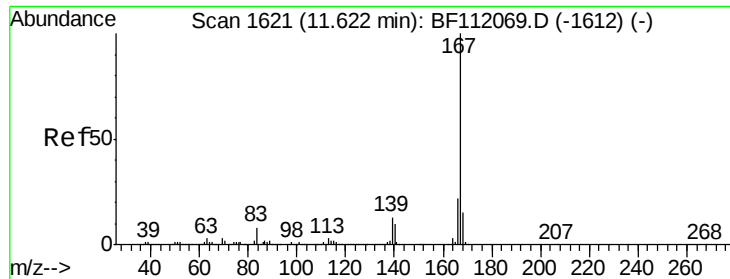
#72
Anthracene
Concen: 2.060 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

Tgt Ion:178 Resp: 77341
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 16.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

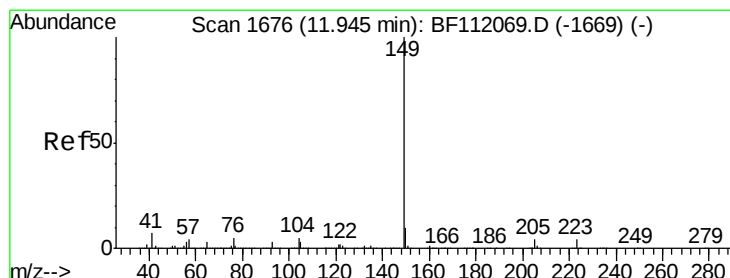
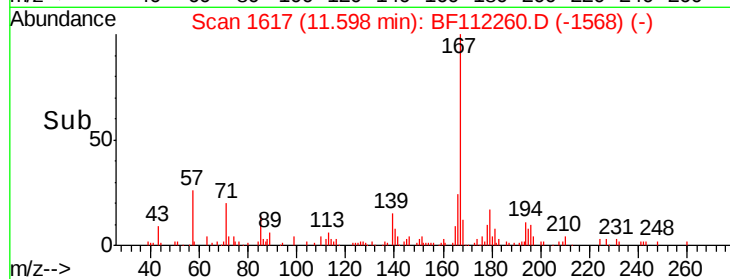
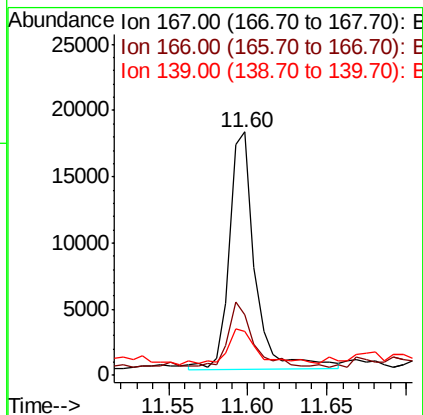
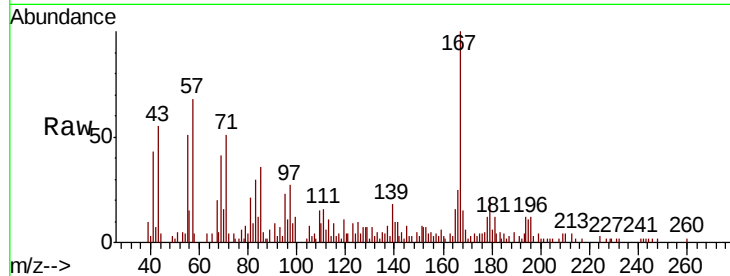




#73
 Carbazole
 Concen: 0.542 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112260.D
 Acq: 26 Jan 2019 4:14

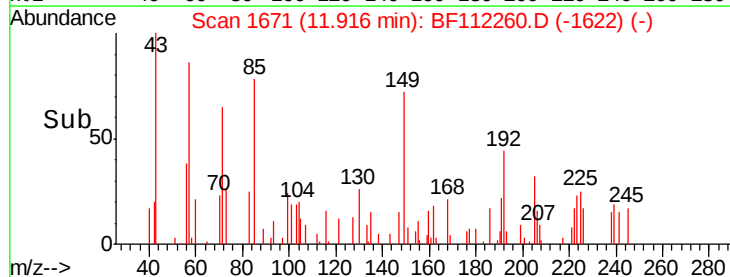
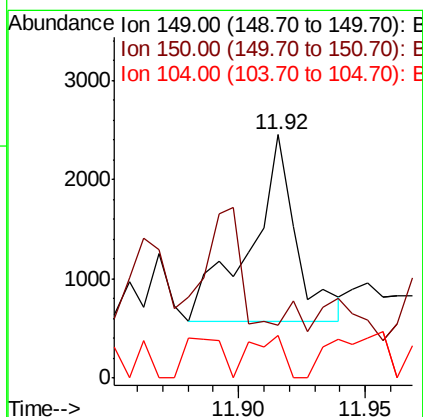
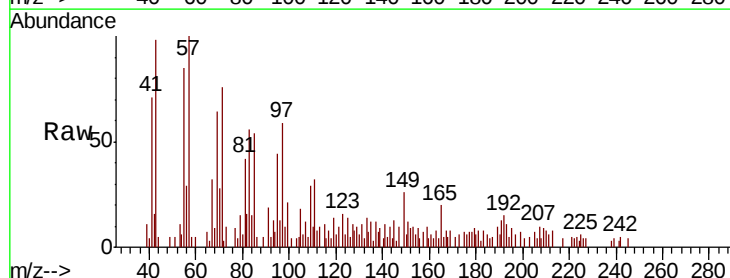
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-A

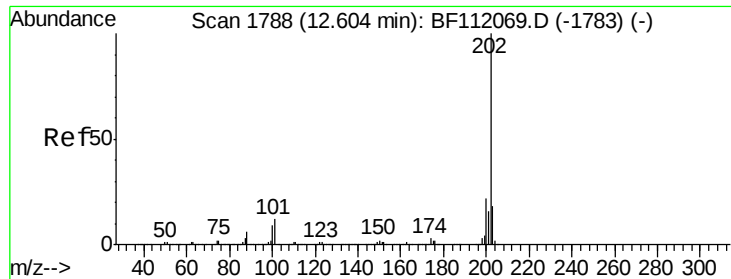
Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.9	17.9	26.9
139	18.0	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 0.053 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112260.D
 Acq: 26 Jan 2019 4:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	21.5	8.1	12.1
104	17.5	3.9	5.9





#75

Fluoranthene

Concen: 9.055 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

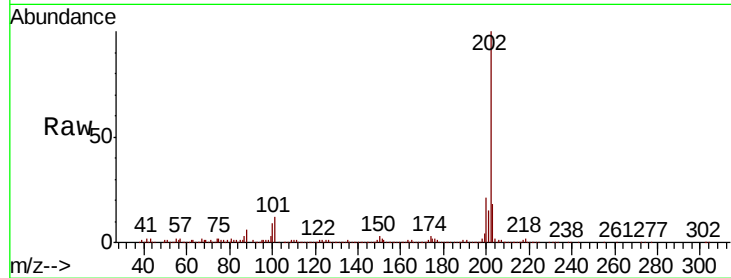
Tgt Ion:202 Resp: 366105

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.8

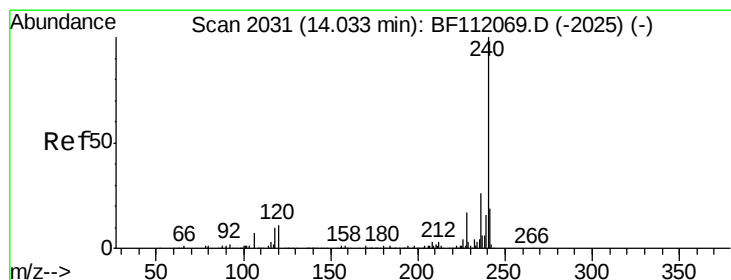
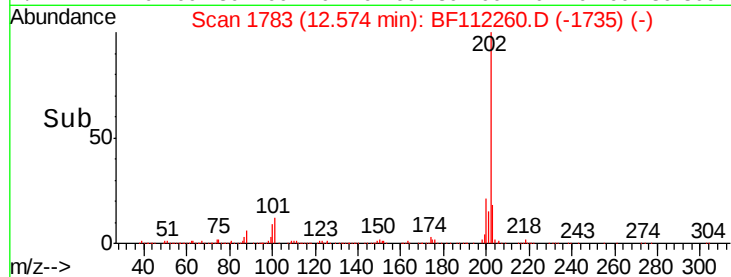
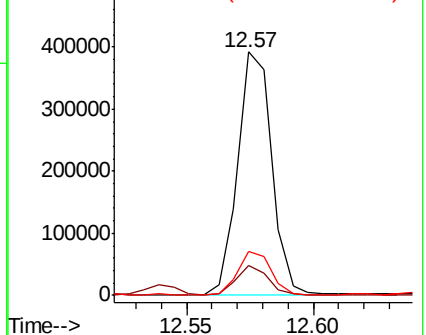
203 18.2 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

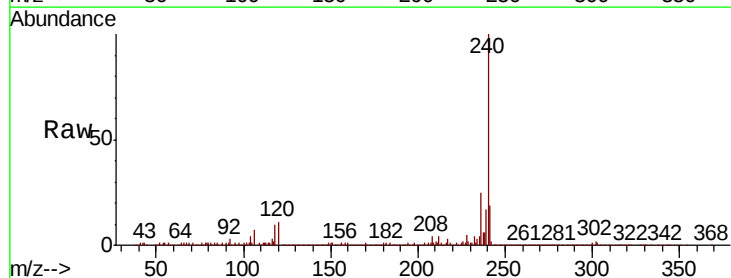
Tgt Ion:240 Resp: 527136

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

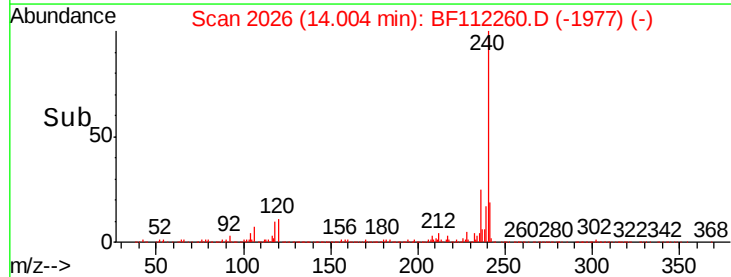
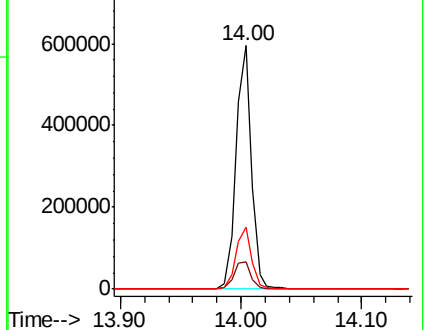
236 25.3 20.7 31.1

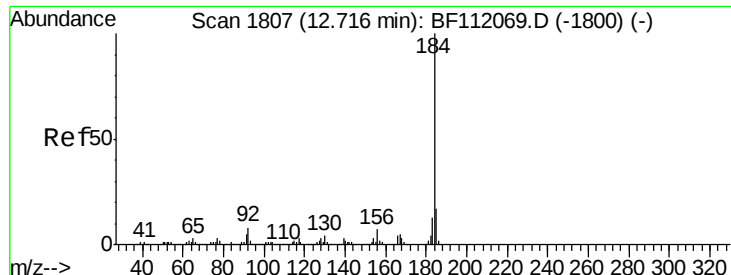


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.049 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

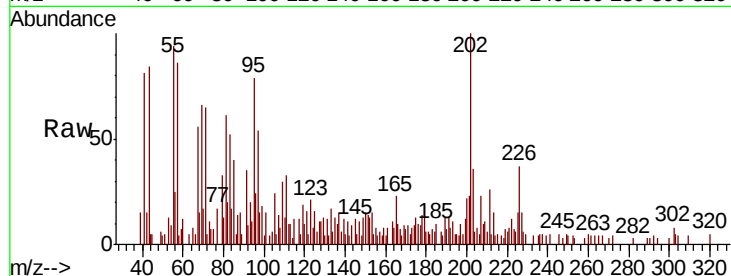
Tgt Ion:184 Resp: 710

Ion Ratio Lower Upper

184 100

185 163.2 13.9 20.9#

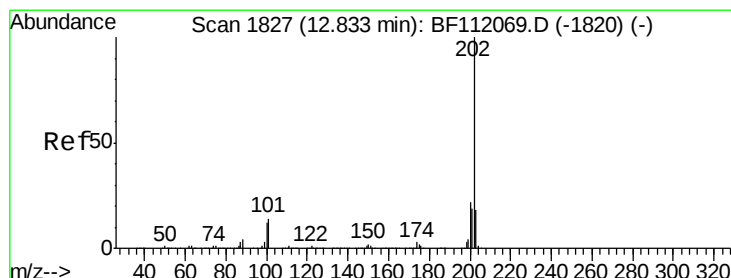
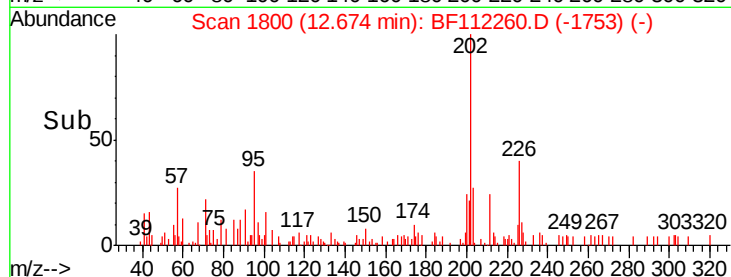
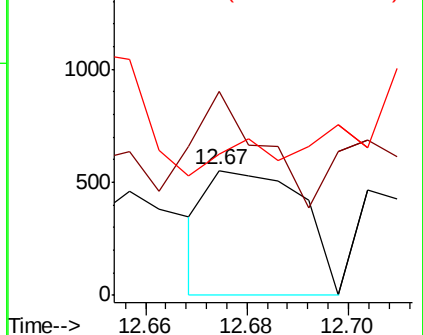
183 113.2 10.0 15.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 9.011 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

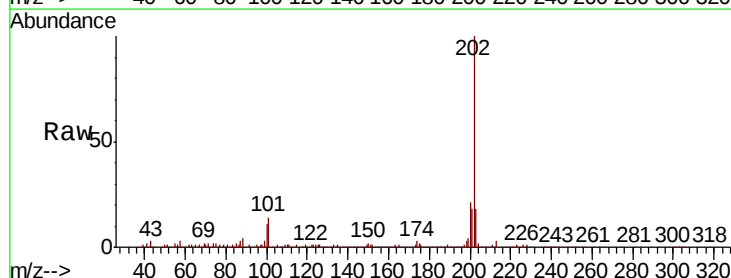
Tgt Ion:202 Resp: 328852

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

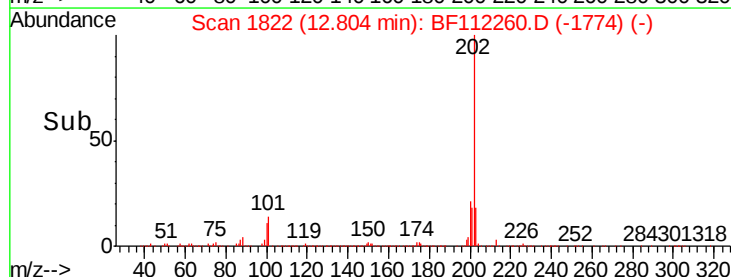
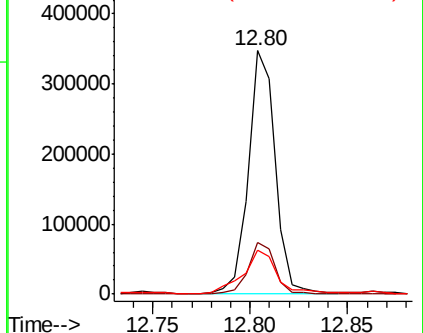
203 18.3 14.6 22.0

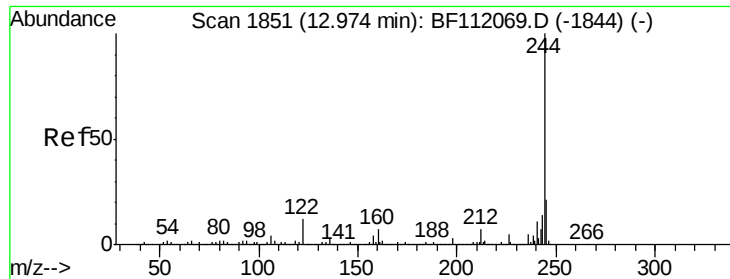


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 10.890 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

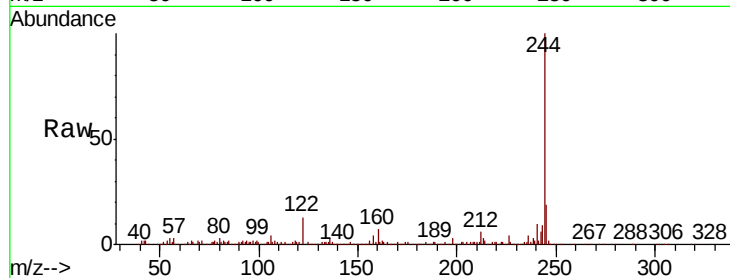
Tgt Ion:244 Resp: 304788

Ion Ratio Lower Upper

244 100

212 6.1 5.9 8.9

122 12.9 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

12.94

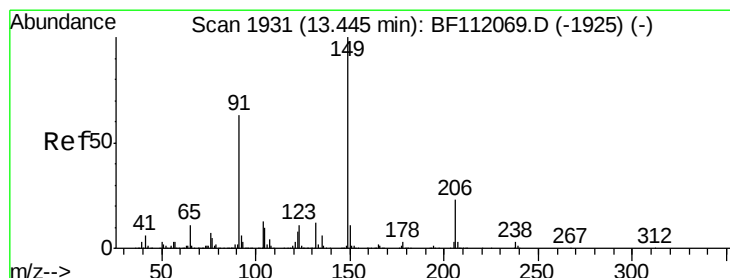
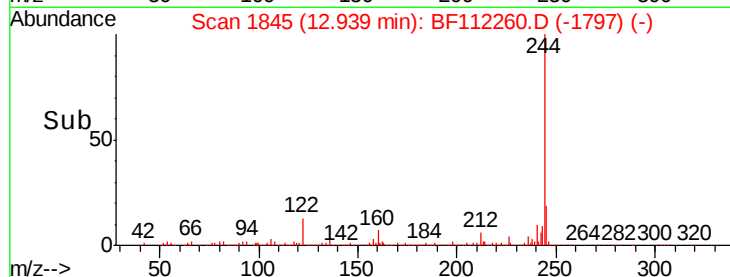
300000

200000

100000

0

Time-->



#80

Butylbenzylphthalate

Concen: 0.068 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

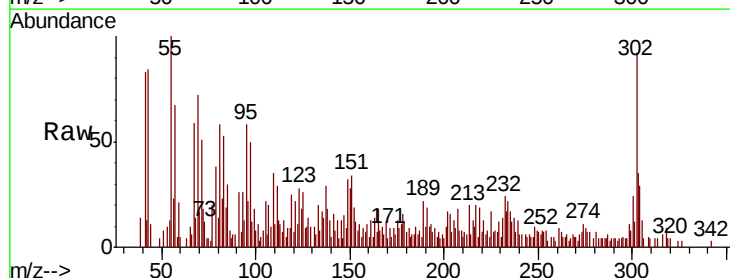
Tgt Ion:149 Resp: 1204

Ion Ratio Lower Upper

149 100

91 80.5 50.3 75.5#

206 26.6 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

13.40

4000

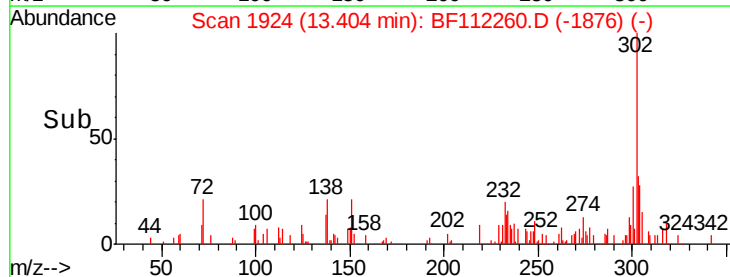
3000

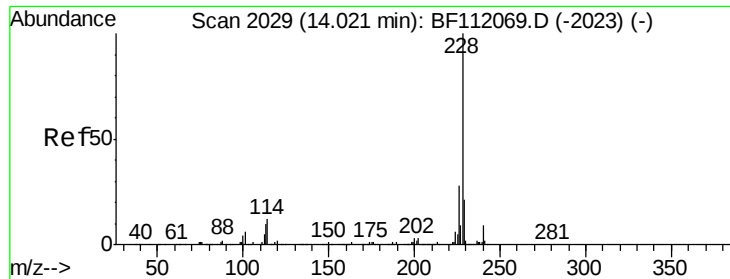
2000

1000

0

Time-->





#81

Benzo(a)anthracene

Concen: 5.301 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

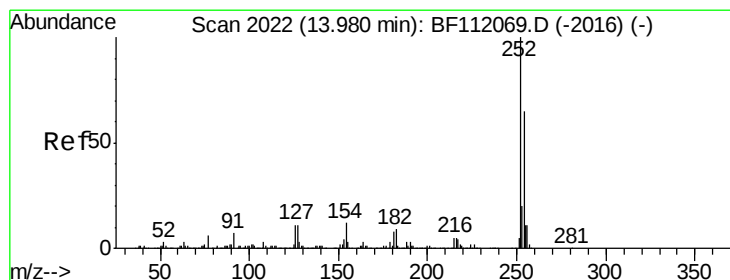
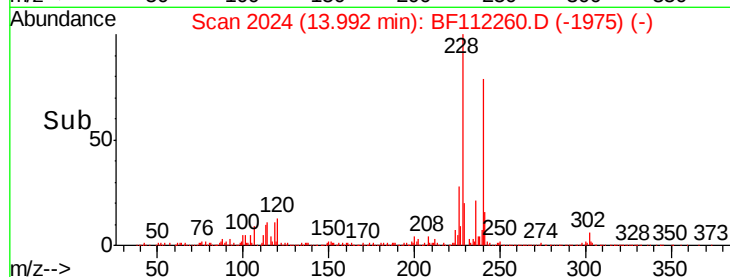
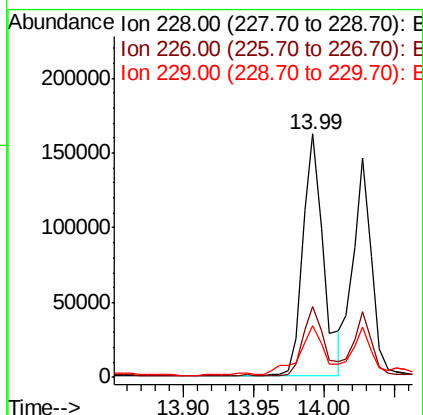
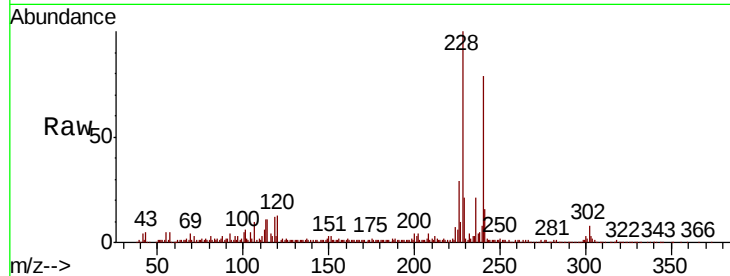
Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :
BNA_F
ClientSampleId :
SU-04-012419-A

Tgt Ion: 228 Resp: 164271

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	34.0
229	21.4	16.5	24.7



#82

3,3'-Dichlorobenzidine

Concen: 0.054 ng

RT: 13.96 min Scan# 2019

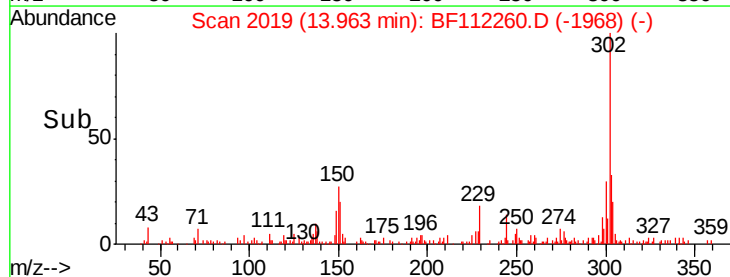
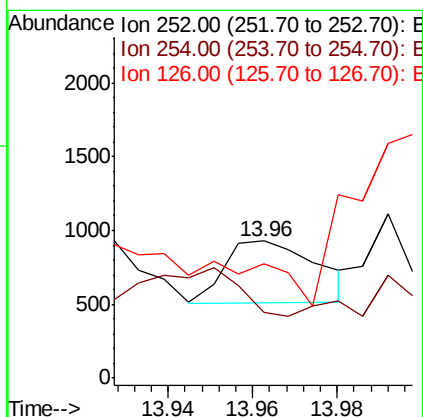
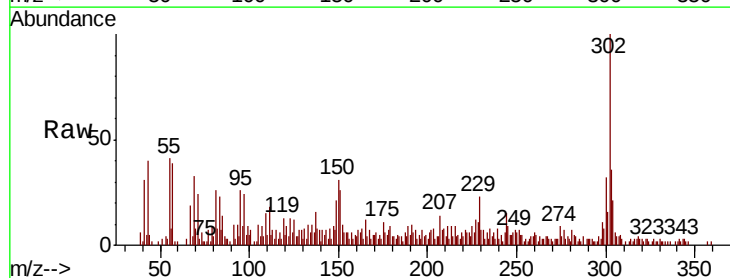
Delta R.T. -0.00 min

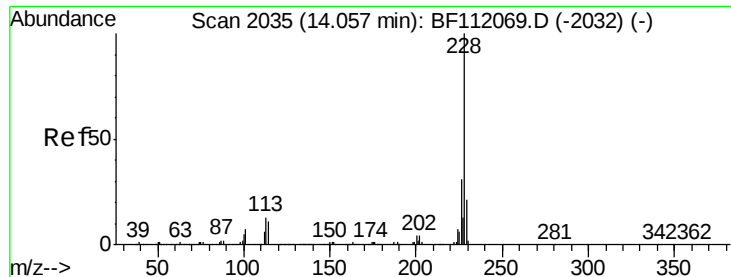
Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Tgt Ion: 252 Resp: 630

Ion	Ratio	Lower	Upper
252	100		
254	47.7	51.6	77.4#
126	83.1	8.6	12.8#





#83

Chrysene

Concen: 4.534 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

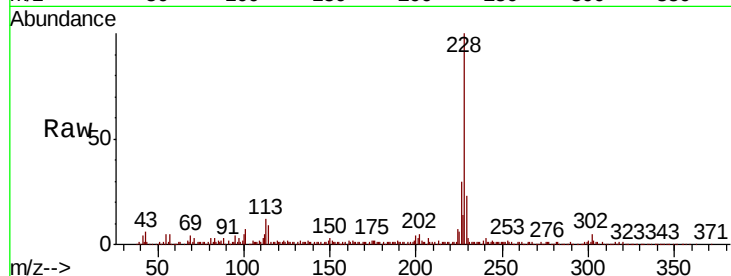
Tgt Ion: 228 Resp: 134122

Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.6

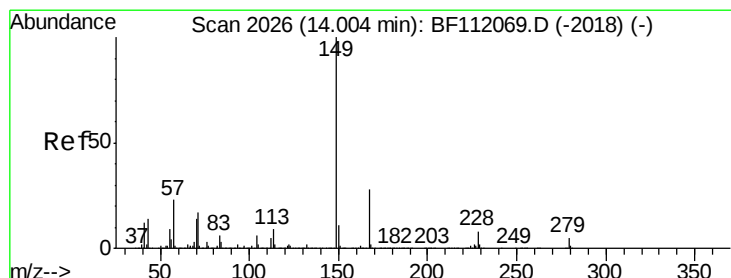
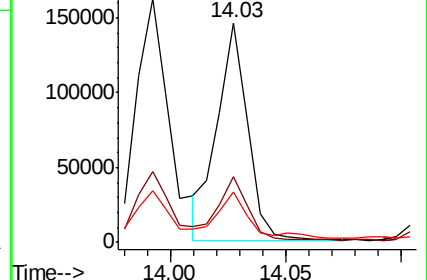
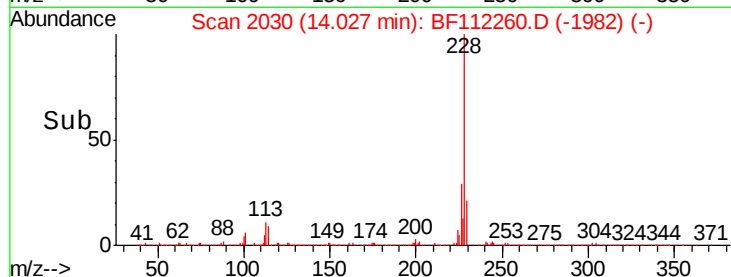
229 23.0 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.201 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

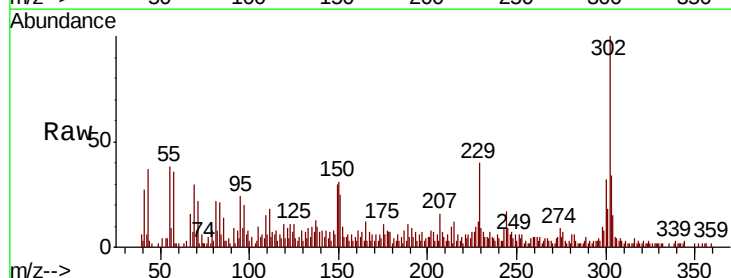
Tgt Ion: 149 Resp: 5037

Ion Ratio Lower Upper

149 100

167 23.3 22.5 33.7

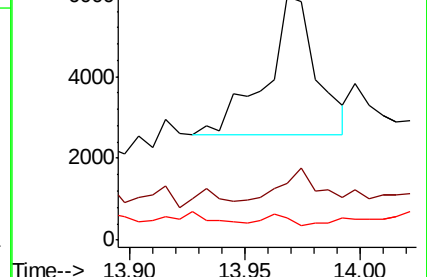
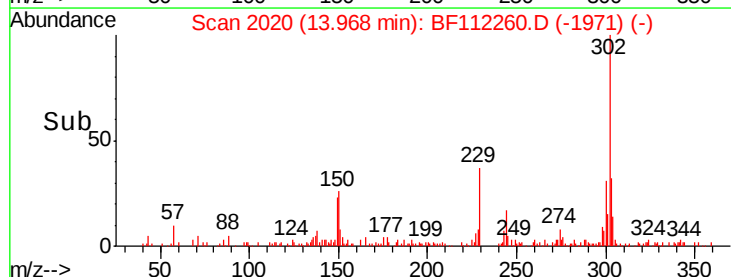
279 9.2 3.8 5.6#

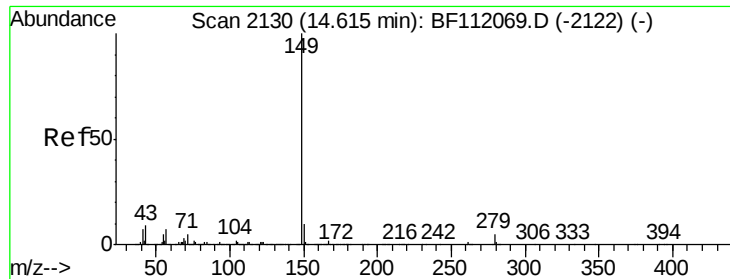


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.051 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

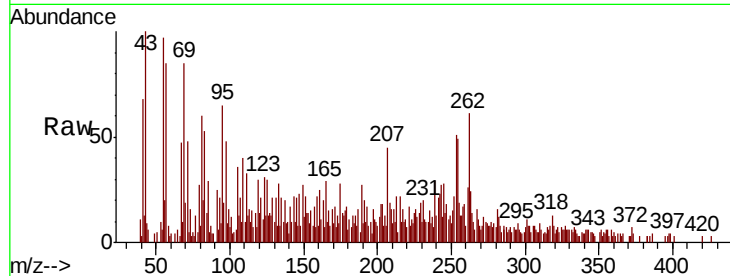
Tgt Ion:149 Resp: 1963

Ion Ratio Lower Upper

149 100

167 44.5 1.3 1.9#

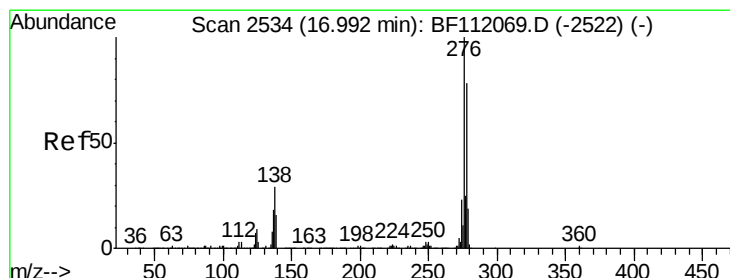
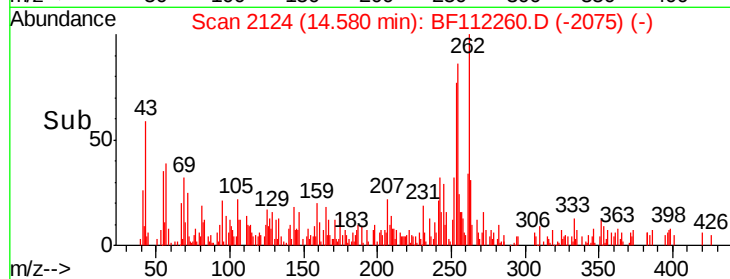
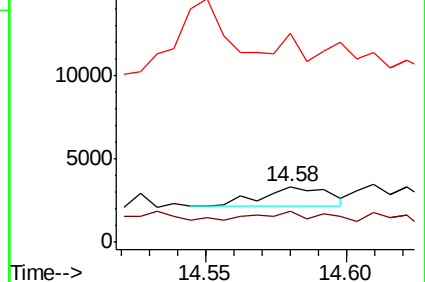
43 0.0 7.8 11.6#



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: 2.118 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.04 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

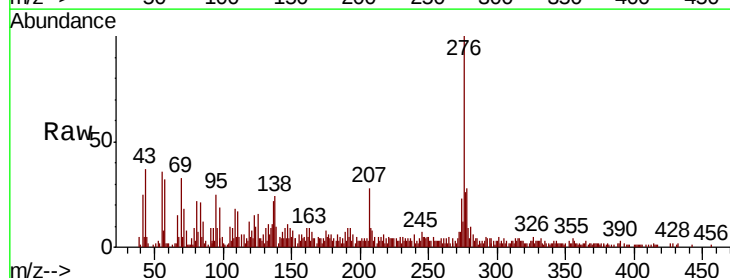
Tgt Ion:276 Resp: 49634

Ion Ratio Lower Upper

276 100

138 22.8 22.6 34.0

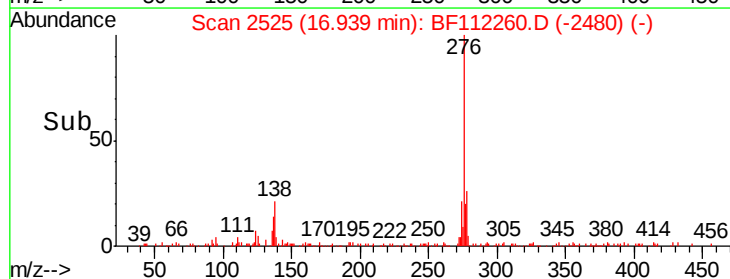
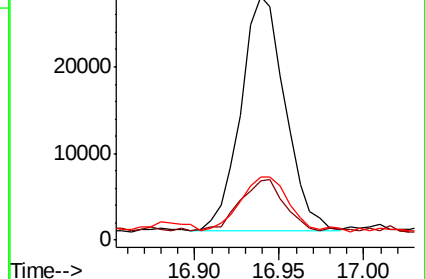
277 25.5 20.3 30.5

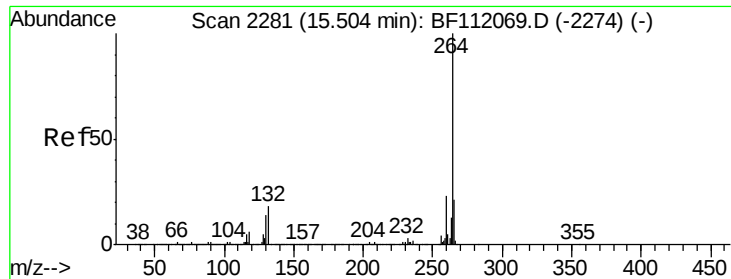


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

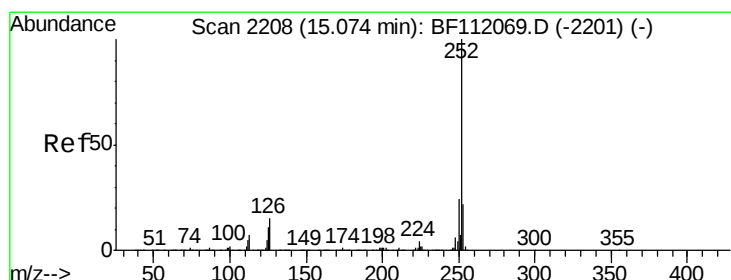
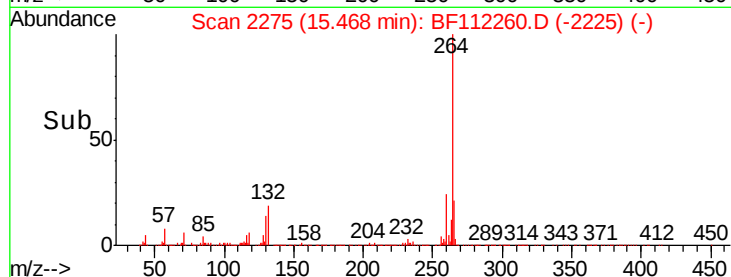
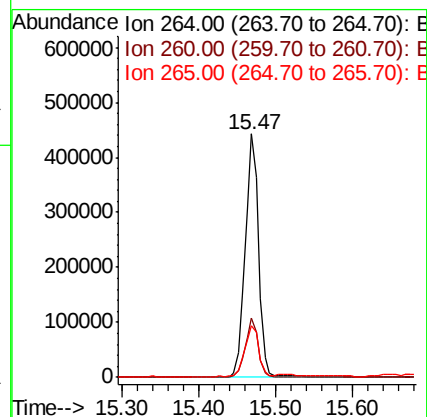
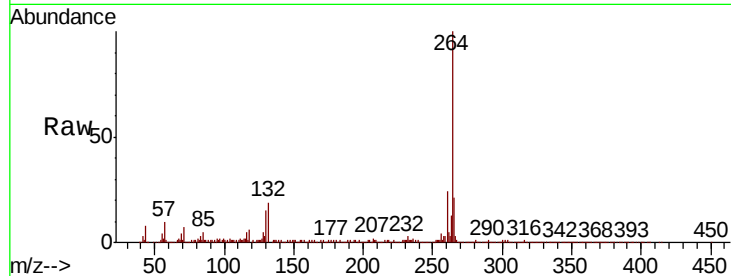




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

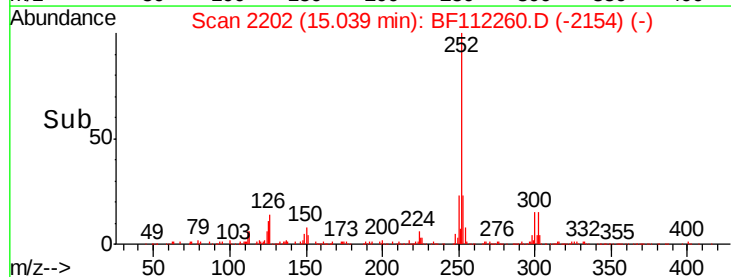
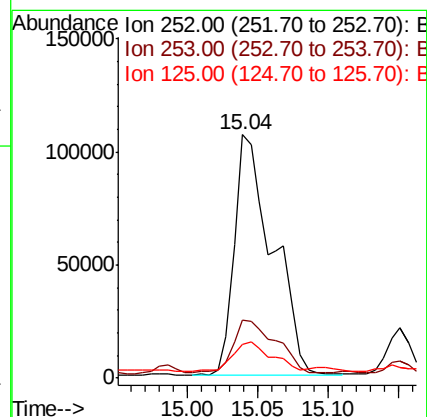
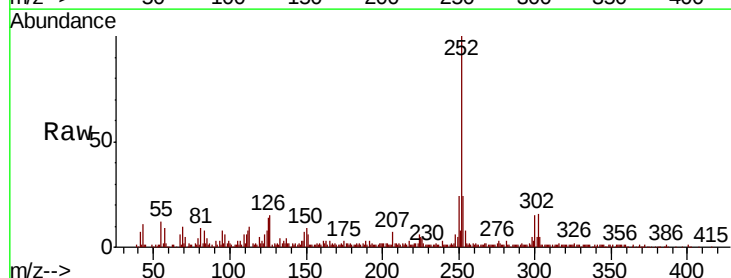
Instrument :
BNA_F
ClientSampleId :
SU-04-012419-A

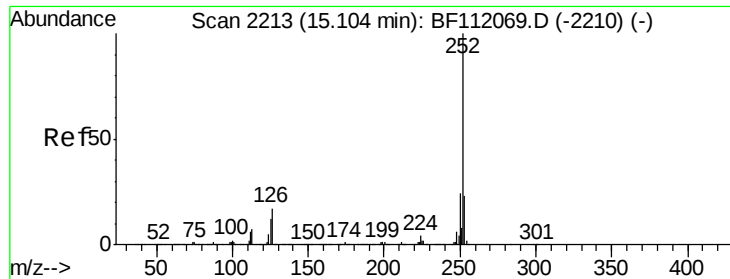
Tgt Ion: 264 Resp: 537722
Ion Ratio Lower Upper
264 100
260 24.3 18.2 27.2
265 21.4 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 6.268 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

Tgt Ion: 252 Resp: 201553
Ion Ratio Lower Upper
252 100
253 24.0 18.0 27.0
125 13.9 8.7 13.1#

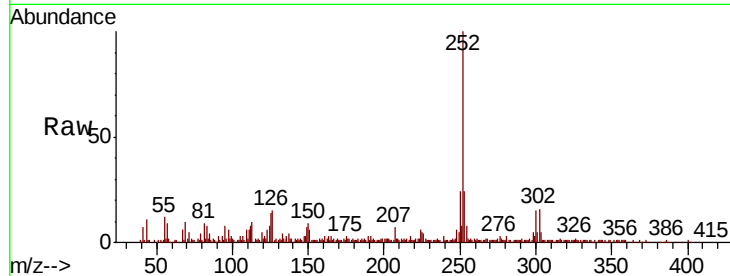




#89
Benzo(k)fluoranthene
Concen: 6.543 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.05 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

Instrument :
BNA_F
ClientSampleId :
SU-04-012419-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	13.9	9.1	13.7#

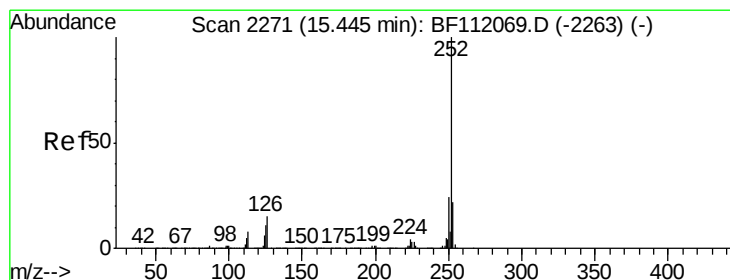
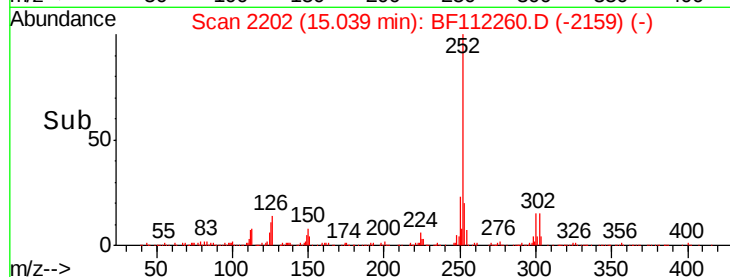
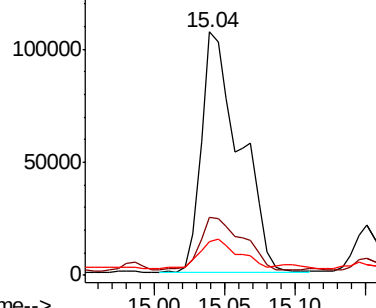


Abundance

Ion 252.00 (251.70 to 252.70): E

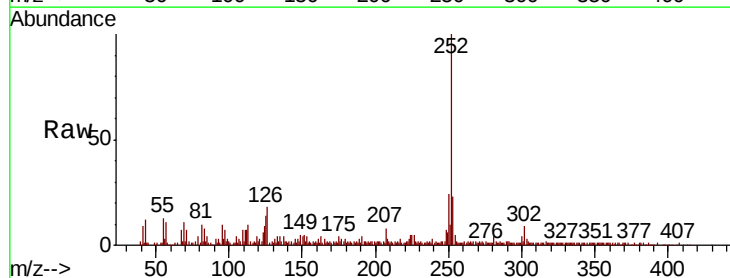
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 3.761 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF112260.D
Acq: 26 Jan 2019 4:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	14.5	9.0	13.4#

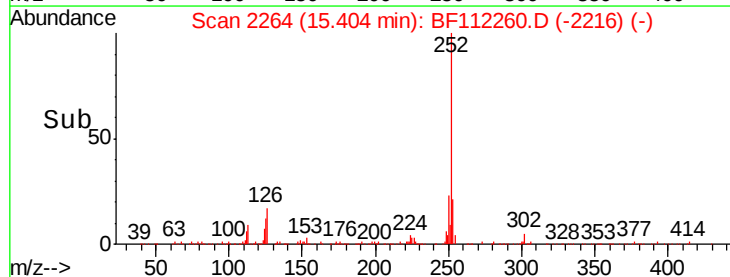
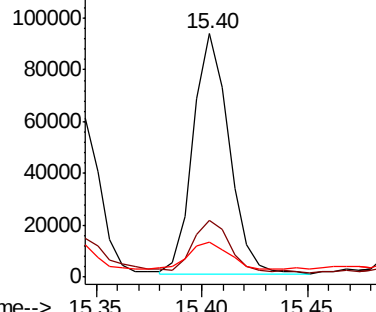


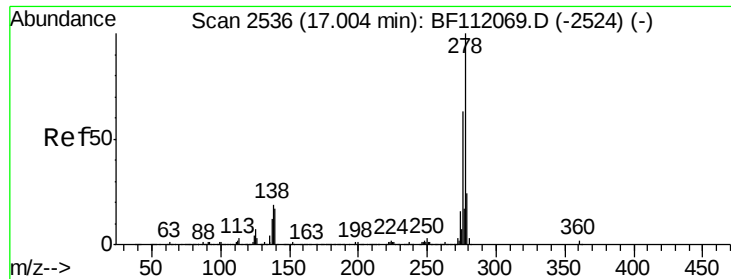
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 0.725 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.04 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-A

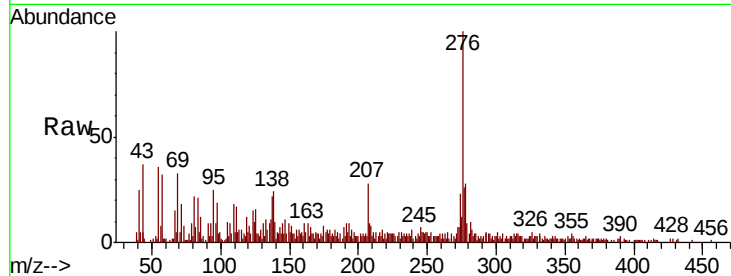
Tgt Ion:278 Resp: 16905

Ion Ratio Lower Upper

278 100

139 35.6 13.7 20.5#

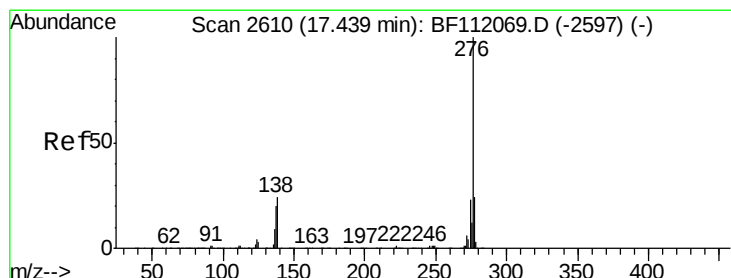
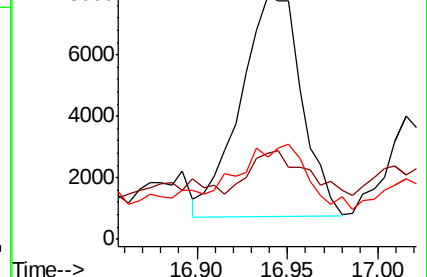
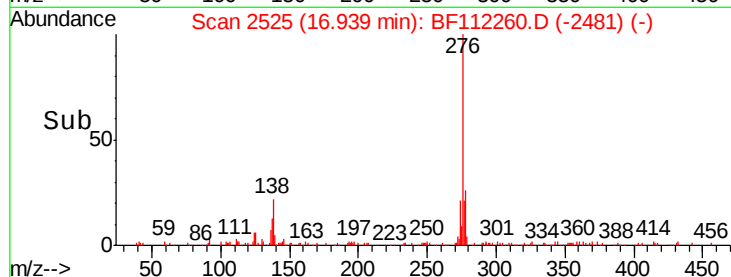
279 33.6 19.0 28.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 1.986 ng

RT: 17.39 min Scan# 2601

Delta R.T. -0.03 min

Lab File: BF112260.D

Acq: 26 Jan 2019 4:14

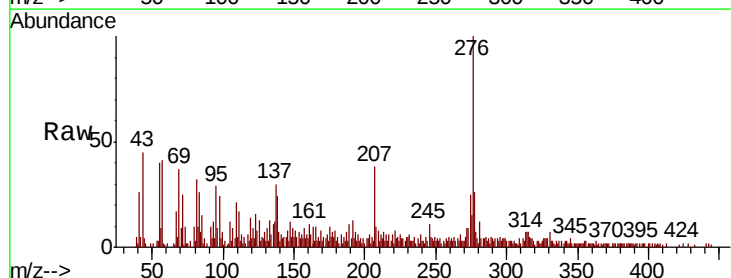
Tgt Ion:276 Resp: 43686

Ion Ratio Lower Upper

276 100

277 26.0 19.4 29.0

138 24.2 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

