

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111325.D
 Acq On : 12 Dec 2018 16:58
 Operator : JU/SJ
 Sample : J6214-031RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(15-17)

Quant Time: Dec 13 01:17:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	271974	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1098991	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	480954	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	729184	20.00	ng	0.00
76) Chrysene-d12	13.95	240	441177	20.00	ng	0.00
87) Perylene-d12	15.40	264	425822	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	1532399	95.28	ng	0.00
7) Phenol-d6	6.42	99	1999852	92.22	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1262018	64.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	295845	69.78	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1984064	66.23	ng	0.00
79) Terphenyl-d14	12.90	244	1184927	59.11	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	182	0.023	ng	# 82
3) Pyridine	3.26	79	786	0.040	ng	# 3
4) n-Nitrosodimethylamine	3.20	42	456	0.050	ng	# 1
6) Aniline	6.43	93	4088	0.156	ng	# 1
8) 2-Chlorophenol	6.57	128	711	0.036	ng	# 1
9) Benzaldehyde	6.33	77	1879	Below Cal		# 70
10) Phenol	6.43	94	121855	4.961	ng	# 97
11) bis(2-Chloroethyl)ether	6.56	93	2499	0.129	ng	# 1
12) 1,3-Dichlorobenzene	6.73	146	503	0.024	ng	# 64
13) 1,4-Dichlorobenzene	6.80	146	513	0.024	ng	# 55
14) 1,2-Dichlorobenzene	6.96	146	1732	0.086	ng	# 57
15) Benzyl Alcohol	6.95	79	21720	1.308	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1458	0.039	ng	# 72
17) 2-Methylphenol	7.05	107	583	0.036	ng	# 44
18) Hexachloroethane	7.29	117	282	0.035	ng	# 1
19) n-Nitroso-di-n-propylamine	7.35	70	162440	11.273	ng	# 80
20) 3+4-Methylphenols	7.20	107	3897	0.205	ng	# 71
22) Acetophenone	7.19	105	4740	0.186	ng	# 66
24) Nitrobenzene	7.35	77	5112	0.255	ng	# 34
25) Isophorone	7.35	82	1241459	37.483	ng	# 64
26) 2-Nitrophenol	7.72	139	120	0.012	ng	# 34
27) 2,4-Dimethylphenol	7.73	122	1075	0.072	ng	# 83
28) bis(2-Chloroethoxy)methane	7.85	93	126	0.006	ng	# 1
29) 2,4-Dichlorophenol	8.03	162	110	0.007	ng	# 25
31) Naphthalene	8.09	128	17571	0.343	ng	# 93
32) Benzoic acid	7.86	122	1210	0.097	ng	# 28
33) 4-Chloroaniline	8.13	127	138	0.006	ng	# 1
35) Caprolactam	8.51	113	483	0.088	ng	# 1
36) 4-Chloro-3-methylphenol	8.63	107	732	0.044	ng	# 20
37) 2-Methylnaphthalene	8.79	142	10084	0.305	ng	# 92
38) 1-Methylnaphthalene	8.88	142	13826	0.433	ng	# 94
46) 1,1'-Biphenyl	9.25	154	5742	0.140	ng	# 92
47) 2-Chloronaphthalene	9.35	162	444	0.014	ng	# 50
48) 2-Nitroaniline	9.37	65	262	0.026	ng	# 34

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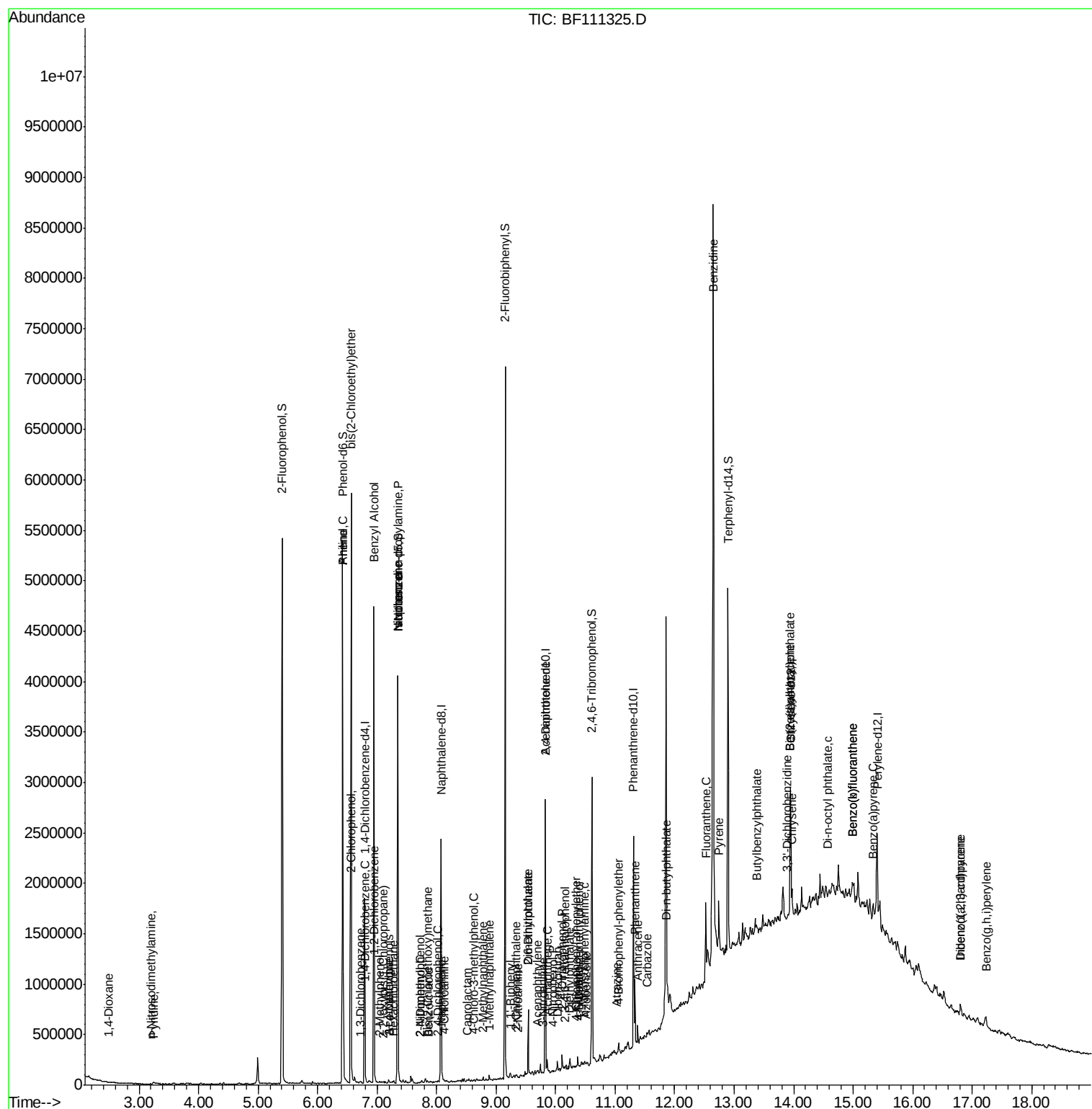
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthylene	9.69	152	11809	0.257	ng	# 94
50) Dimethylphthalate	9.54	163	192637	5.570	ng	98
51) 2,6-Dinitrotoluene	9.54	165	2618	0.341	ng	# 25
52) Acenaphthene	9.86	154	24011	0.829	ng	97
53) 3-Nitroaniline	9.79	138	1597	0.173	ng	# 24
54) 2,4-Dinitrophenol	10.11	184	114	0.038	ng	# 11
55) Dibenzofuran	10.03	168	12395	0.296	ng	# 93
56) 4-Nitrophenol	9.96	139	443	0.067	ng	# 1
57) 2,4-Dinitrotoluene	9.83	165	63229	6.435	ng	# 26
58) Fluorene	10.37	166	25588	0.856	ng	# 97
59) 2,3,4,6-Tetrachlorophenol	10.16	232	133	0.017	ng	# 1
60) Diethylphthalate	10.24	149	27945	0.803	ng	98
61) 4-Chlorophenyl-phenylether	10.35	204	162	0.011	ng	# 1
62) 4-Nitroaniline	10.40	138	696	0.079	ng	# 1
63) Azobenzene	10.52	77	1678	0.048	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.40	198	150	0.036	ng	# 1
66) n-Nitrosodiphenylamine	10.49	169	6512	0.251	ng	# 66
67) 4-Bromophenyl-phenylether	11.04	248	867	0.107	ng	# 1
69) Atrazine	11.03	200	343	0.046	ng	# 1
71) Phenanthrene	11.33	178	232350	6.165	ng	94
72) Anthracene	11.38	178	71835	1.872	ng	97
73) Carbazole	11.53	167	18860	0.475	ng	# 93
74) Di-n-butylphthalate	11.87	149	19020	0.421	ng	# 82
75) Fluoranthene	12.52	202	262794	7.142	ng	98
77) Benzidine	12.66	184	2582	0.310	ng	# 1
78) Pyrene	12.75	202	245419	7.208	ng	96
80) Butylbenzylphthalate	13.37	149	8036	0.492	ng	# 77
81) Benzo(a)anthracene	13.94	228	105868	4.289	ng	94
82) 3,3'-Dichlorobenzidine	13.89	252	1026	0.110	ng	# 1
83) Chrysene	13.97	228	90480	3.593	ng	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	14825	0.742	ng	# 92
85) Di-n-octyl phthalate	14.57	149	1115	0.034	ng	# 34
86) Indeno(1,2,3-cd)pyrene	16.81	276	43670	2.217	ng	97
88) Benzo(b)fluoranthene	14.99	252	148399	6.129	ng	# 81
89) Benzo(k)fluoranthene	14.99	252	148399	6.140	ng	# 81
90) Benzo(a)pyrene	15.34	252	87253	3.870	ng	# 76
91) Dibenzo(a,h)anthracene	16.82	278	10143	0.541	ng	# 56
92) Benzo(g,h,i)perylene	17.23	276	54935	2.929	ng	93

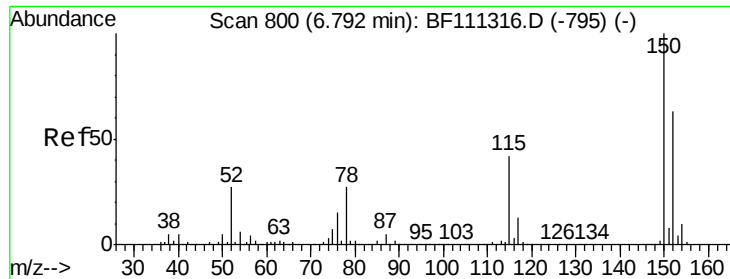
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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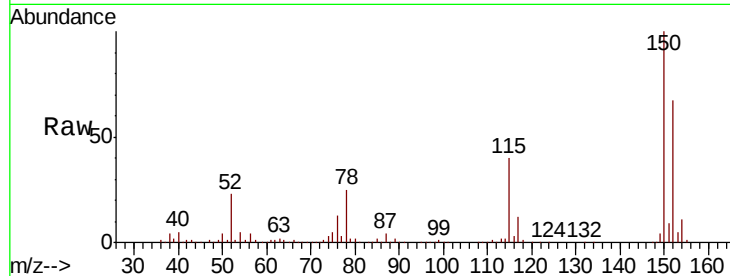


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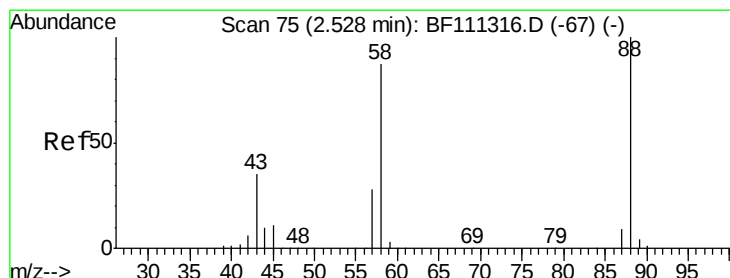
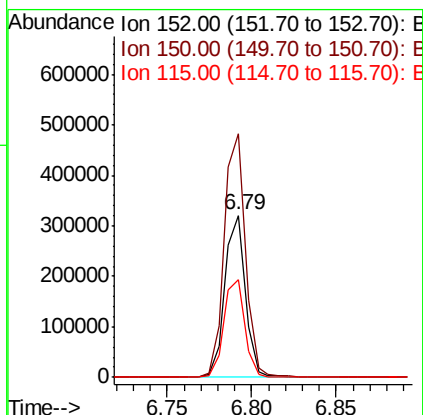
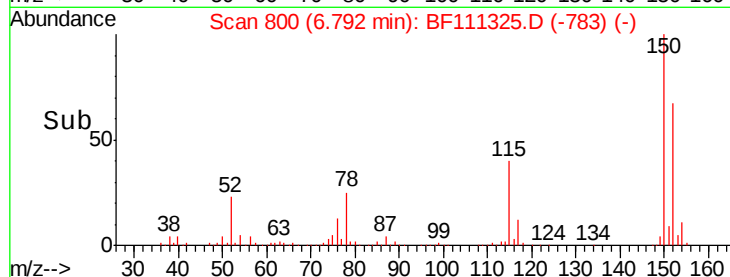
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Instrument :
BNA_F
ClientSampled :
SB-2(15-17)

Tgt Ion:152 Resp: 271974
Ion Ratio Lower Upper
152 100
150 150.3 126.6 189.8
115 60.3 50.7 76.1



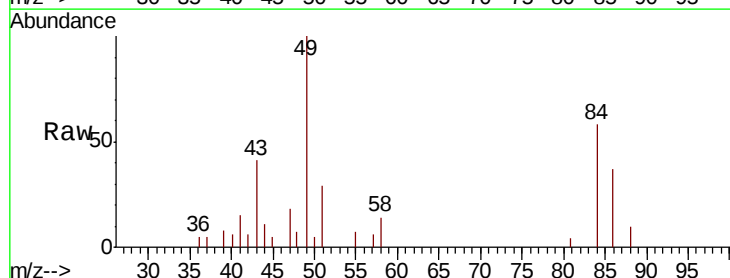
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



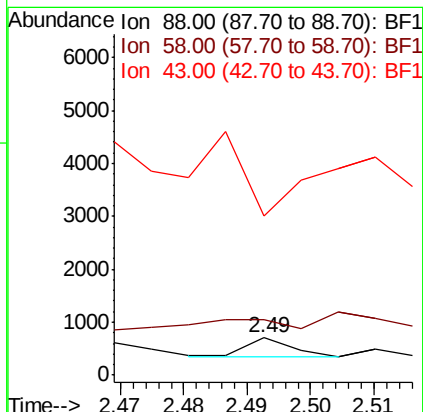
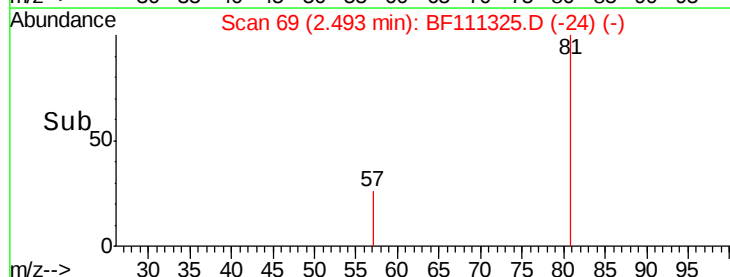
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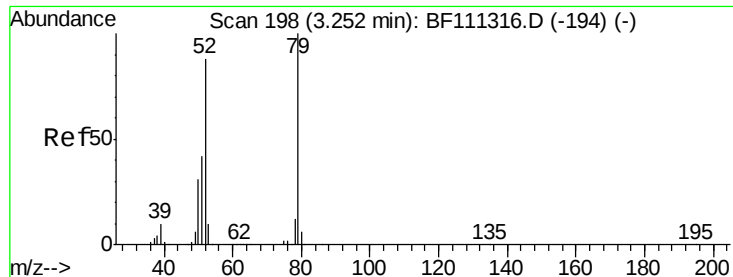
1,4-Dioxane
Concen: 0.023 ng
RT: 2.49 min Scan# 69
Delta R.T. -0.04 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion: 88 Resp: 182
Ion Ratio Lower Upper
88 100
58 83.5 68.9 103.3
43 0.0 25.8 38.6#



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

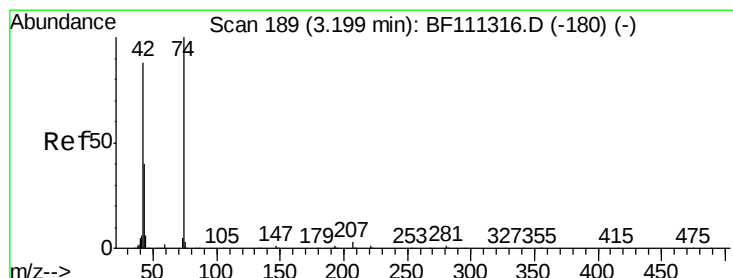
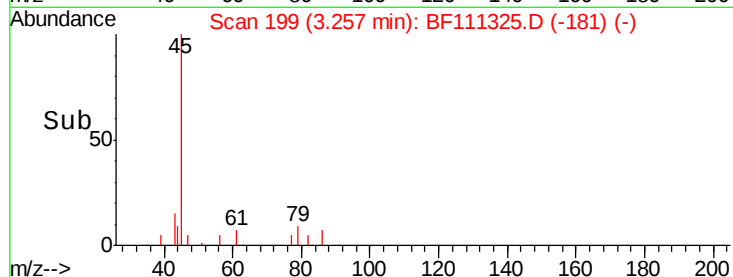
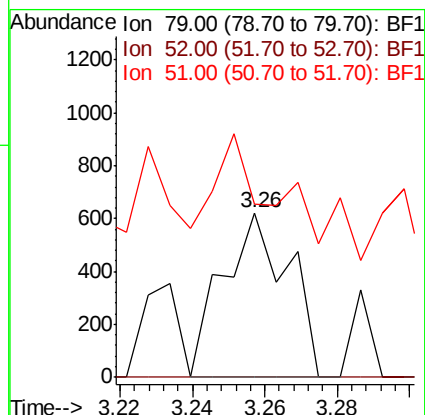
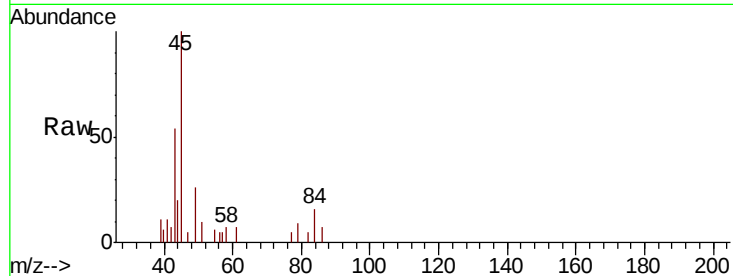




#3
Pyridine
Concen: 0.040 ng
RT: 3.26 min Scan# 199
Delta R.T. 0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

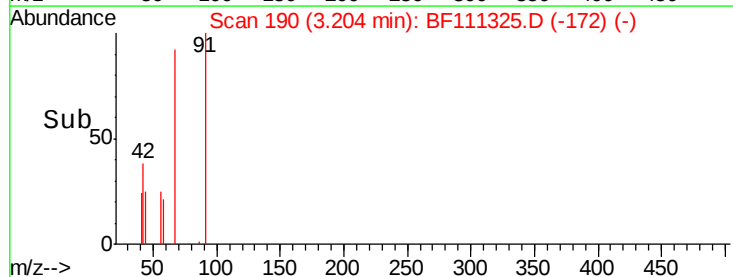
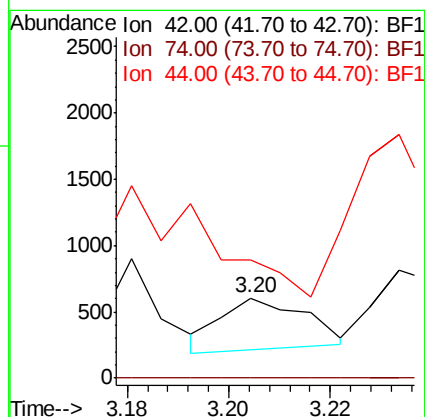
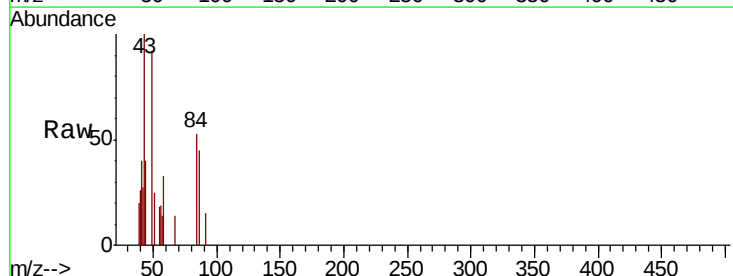
Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

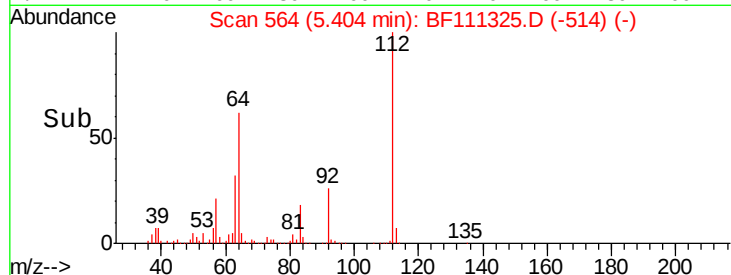
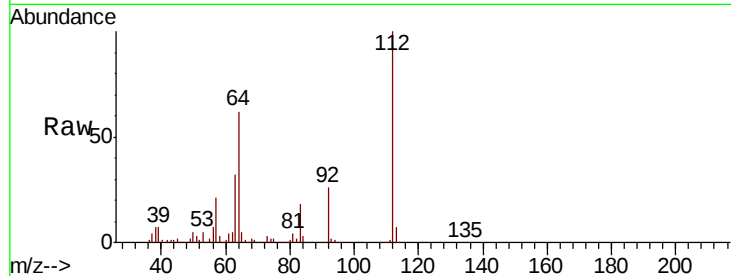
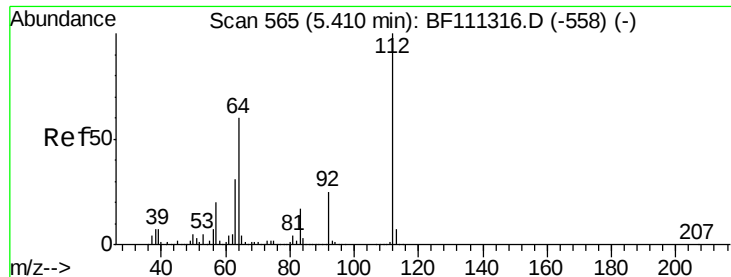
Tgt Ion: 79 Resp: 786
Ion Ratio Lower Upper
79 100
52 0.0 68.3 102.5#
51 105.1 32.6 49.0#



#4
n-Nitrosodimethylamine
Concen: 0.050 ng
RT: 3.20 min Scan# 190
Delta R.T. 0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion: 42 Resp: 456
Ion Ratio Lower Upper
42 100
74 0.0 101.5 152.3#
44 147.4 6.0 9.0#





#5

2-Fluorophenol

Concen: 95.279 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

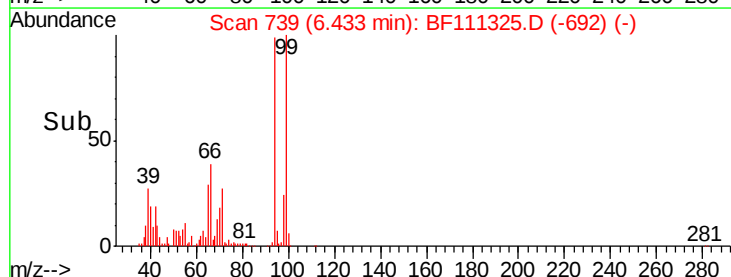
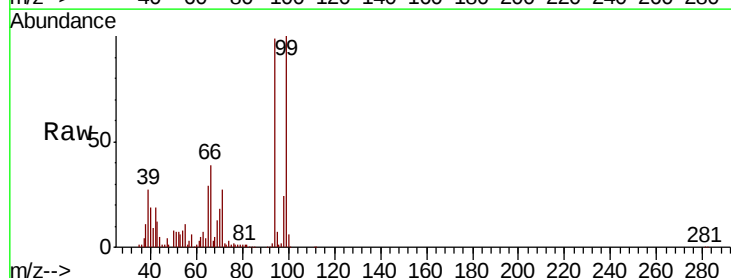
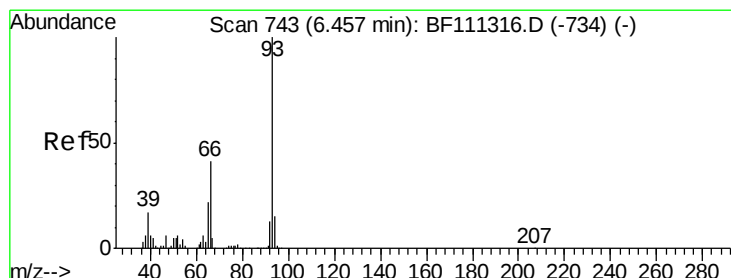
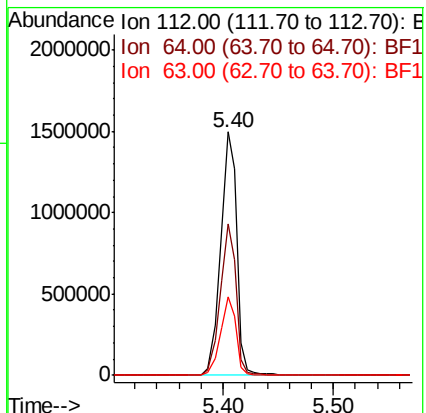
Tgt Ion:112 Resp: 1532399

Ion Ratio Lower Upper

112 100

64 62.3 51.8 77.6

63 32.2 26.8 40.2



#6

Aniline

Concen: 0.156 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

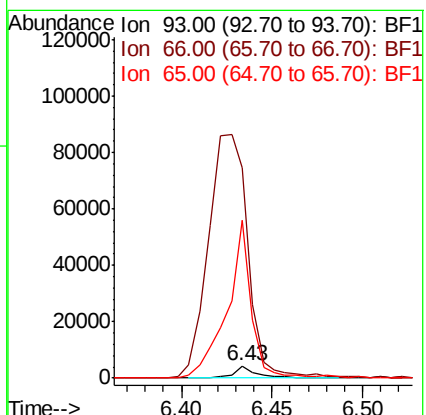
Tgt Ion: 93 Resp: 4088

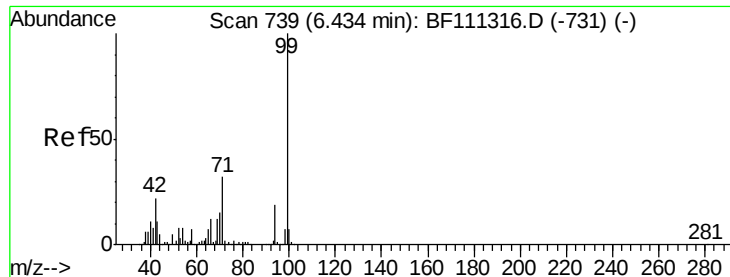
Ion Ratio Lower Upper

93 100

66 1752.9 33.2 49.8#

65 1313.2 17.0 25.4#





#7

Phenol-d6

Concen: 92.224 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

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ClientSampleId :

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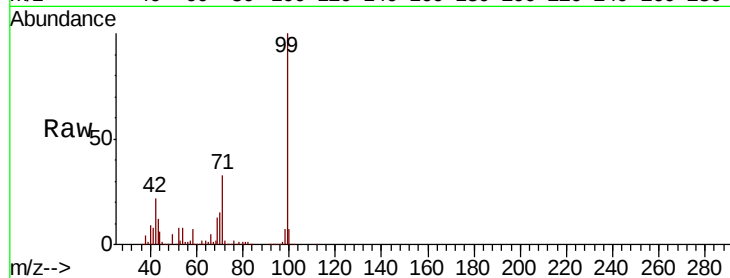
Tgt Ion: 99 Resp: 1999852

Ion Ratio Lower Upper

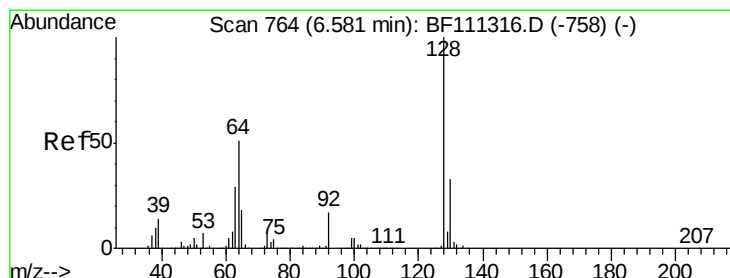
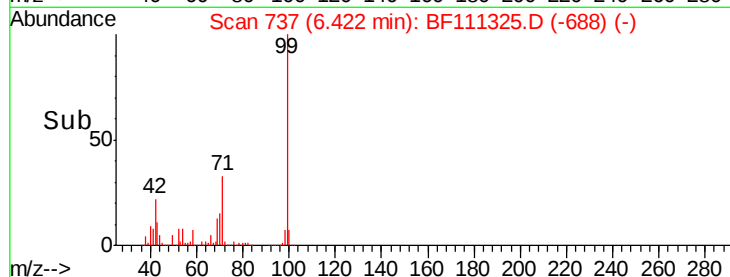
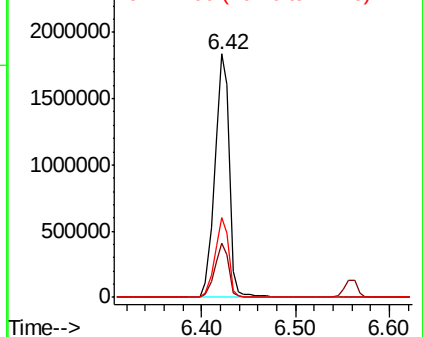
99 100

42 22.2 17.4 26.0

71 32.7 26.1 39.1



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: 0.036 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

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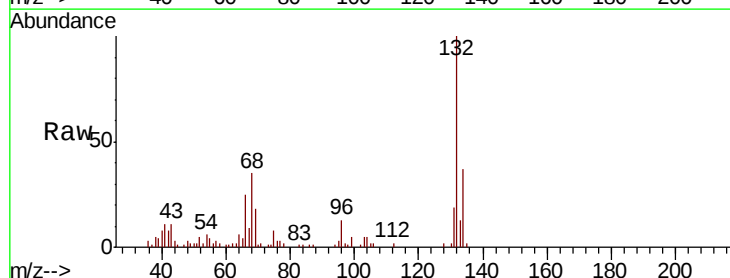
Tgt Ion: 128 Resp: 711

Ion Ratio Lower Upper

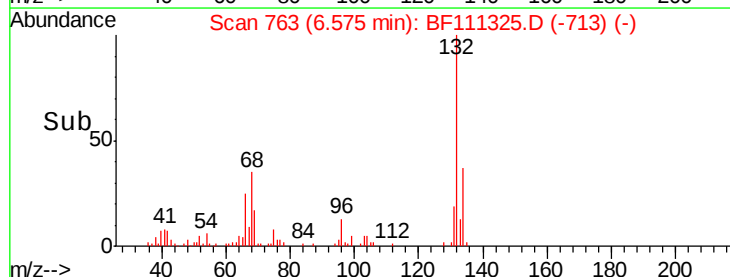
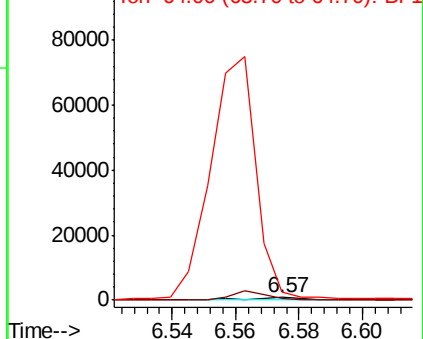
128 100

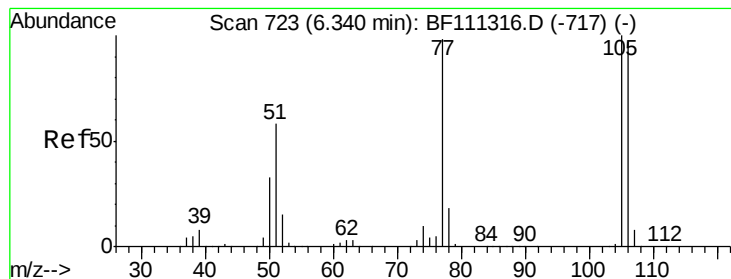
130 78.6 12.7 52.7#

64 287.9 30.0 70.0#



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: Below Cal

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF111325.D

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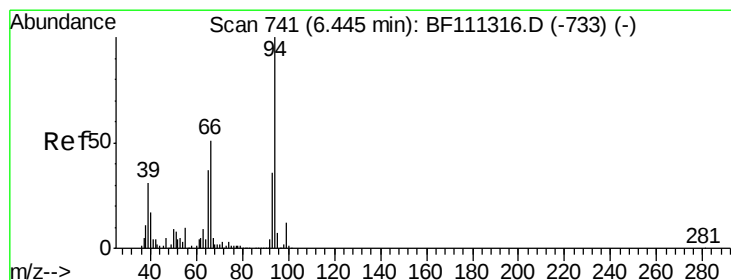
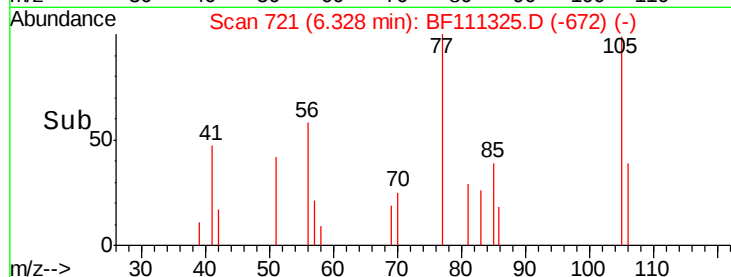
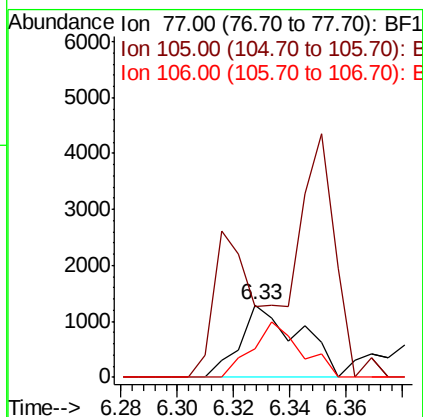
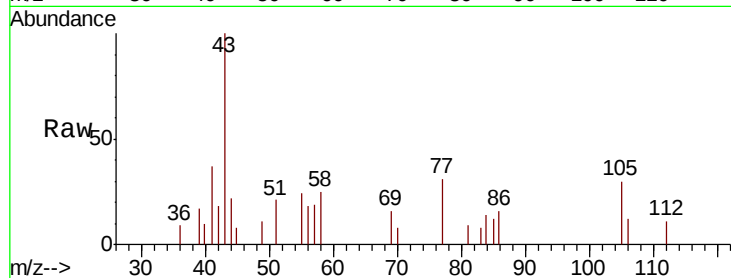
Tgt Ion: 77 Resp: 1879

Ion Ratio Lower Upper

77 100

105 99.1 81.4 121.4

106 39.3 77.9 117.9#



#10

Phenol

Concen: 4.961 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

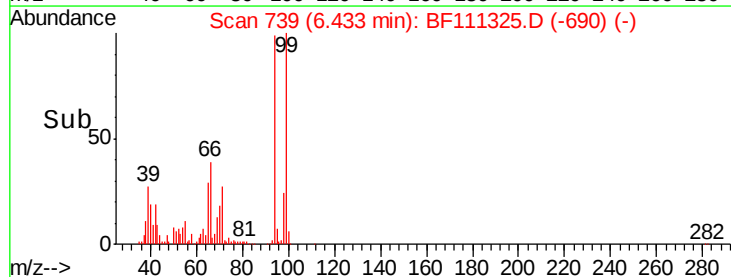
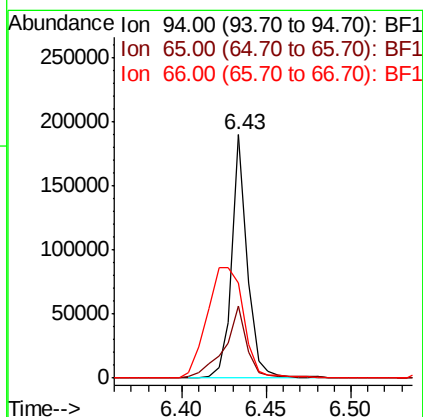
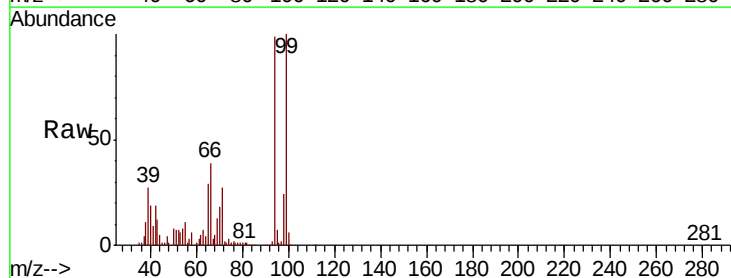
Tgt Ion: 94 Resp: 121855

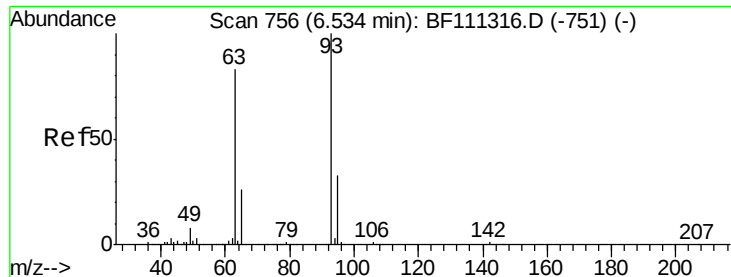
Ion Ratio Lower Upper

94 100

65 29.4 11.7 51.7

66 39.3 21.0 61.0





#11

bis(2-Chloroethyl)ether

Concen: 0.129 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

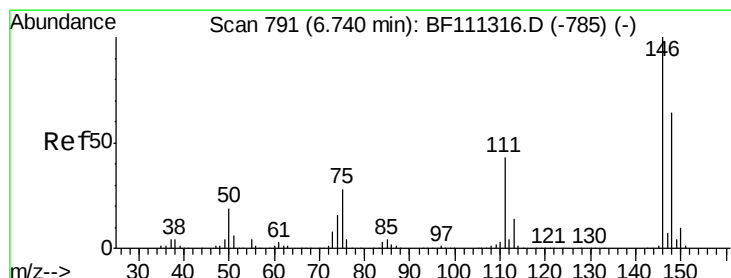
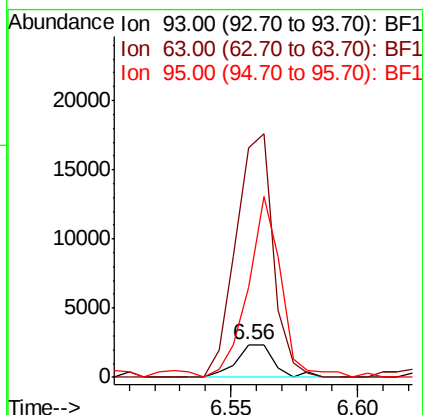
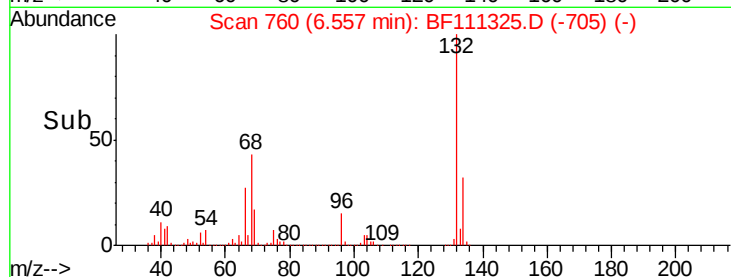
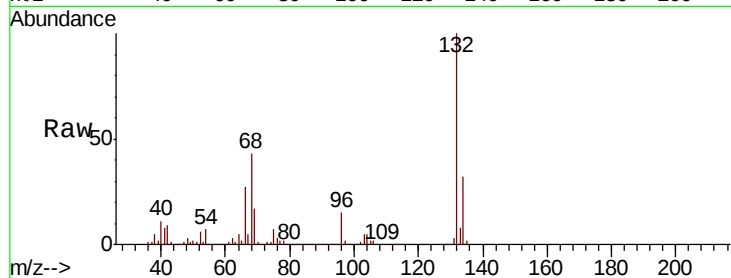
Tgt Ion: 93 Resp: 2499

Ion Ratio Lower Upper

93 100

63 696.9 60.0 100.0#

95 275.8 13.4 53.4#



#12

1,3-Dichlorobenzene

Concen: 0.024 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

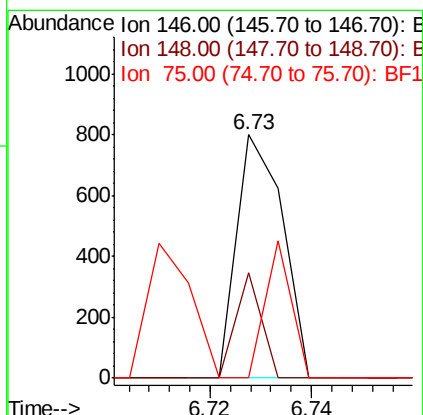
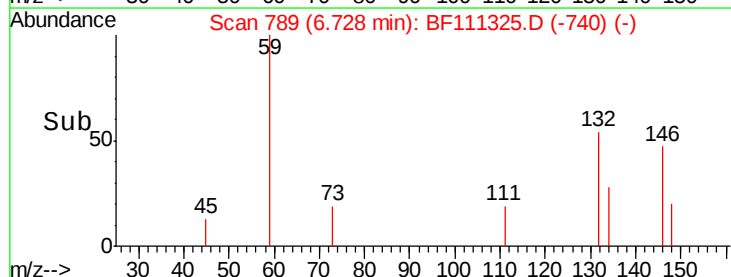
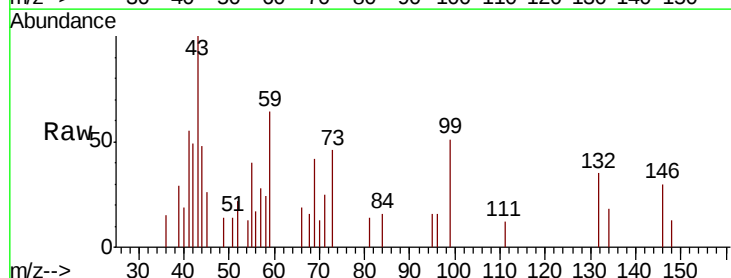
Tgt Ion: 146 Resp: 503

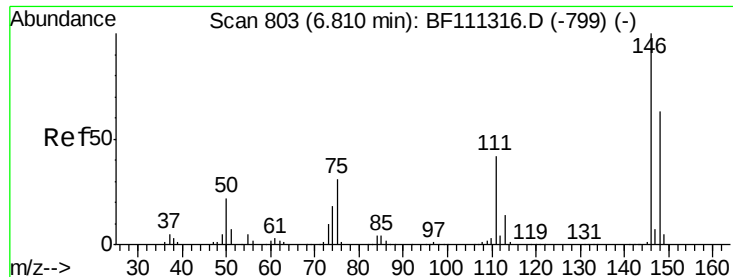
Ion Ratio Lower Upper

146 100

148 43.4 52.1 78.1#

75 0.0 23.9 35.9#

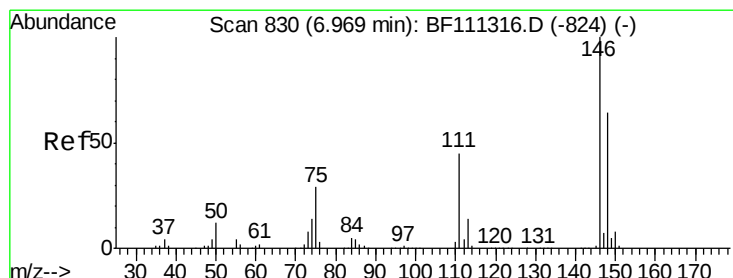
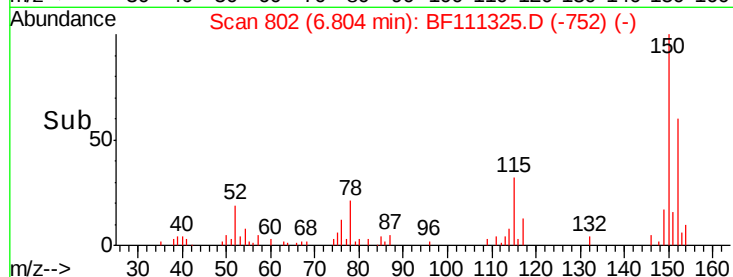
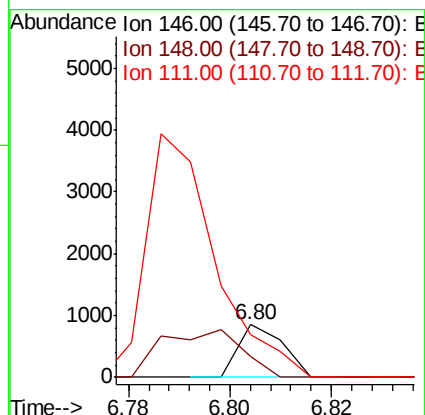
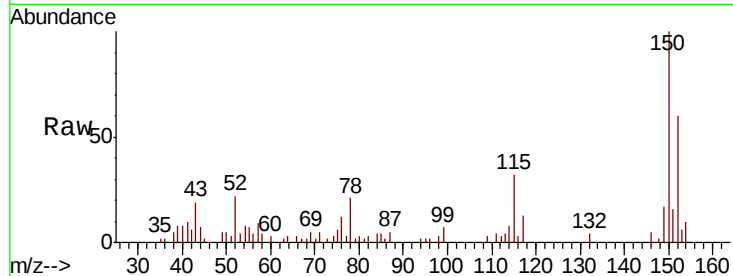




#13
 1,4-Dichlorobenzene
 Concen: 0.024 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF111325.D
 Acq: 12 Dec 2018 16:58

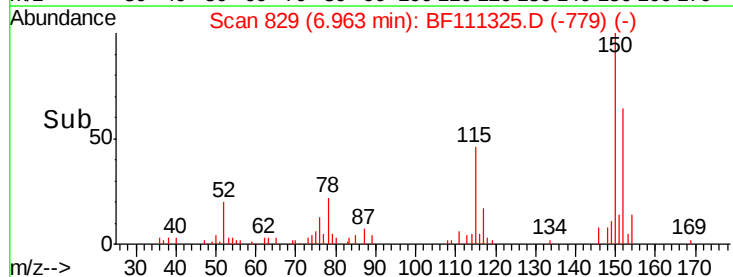
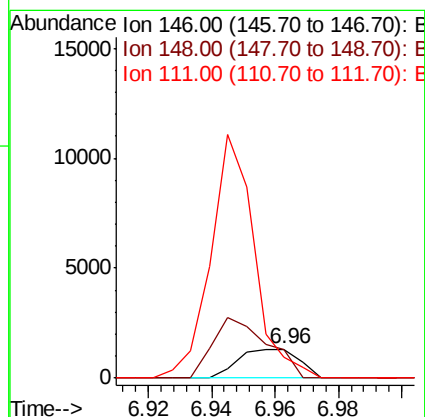
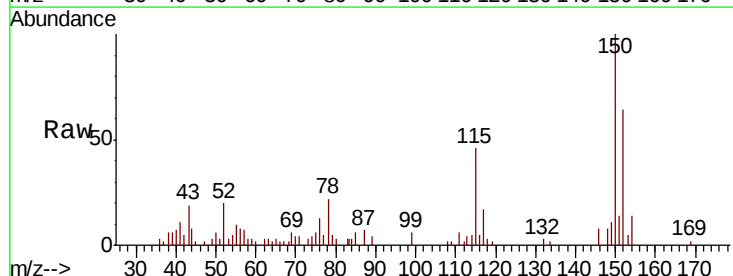
Instrument :
 BNA_F
 ClientSampleId :
 SB-2(15-17)

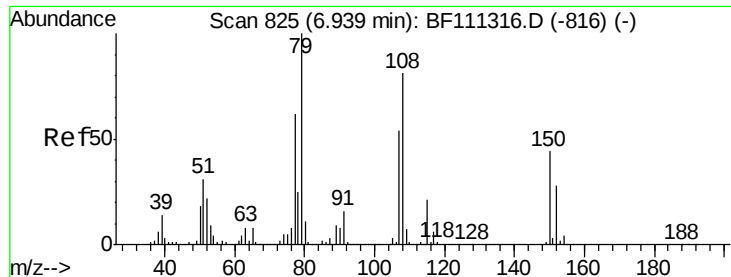
Tgt Ion:146 Resp: 513
 Ion Ratio Lower Upper
 146 100
 148 38.8 52.8 79.2#
 111 81.1 33.4 50.0#



#14
 1,2-Dichlorobenzene
 Concen: 0.086 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF111325.D
 Acq: 12 Dec 2018 16:58

Tgt Ion:146 Resp: 1732
 Ion Ratio Lower Upper
 146 100
 148 98.7 51.9 77.9#
 111 73.4 36.2 54.4#





#15

Benzyl Alcohol

Concen: 1.308 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

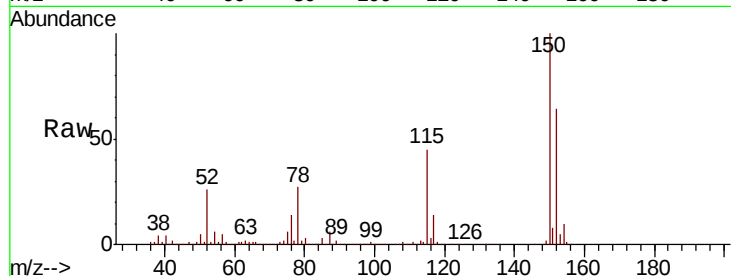
Tgt Ion: 79 Resp: 21720

Ion Ratio Lower Upper

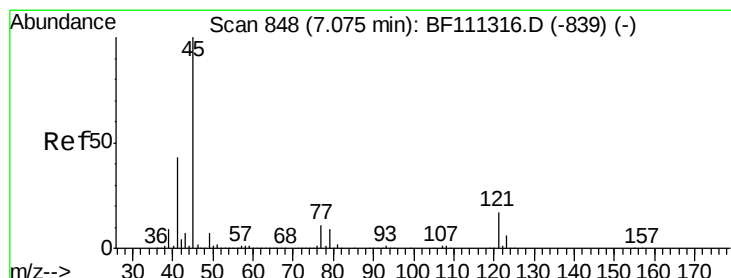
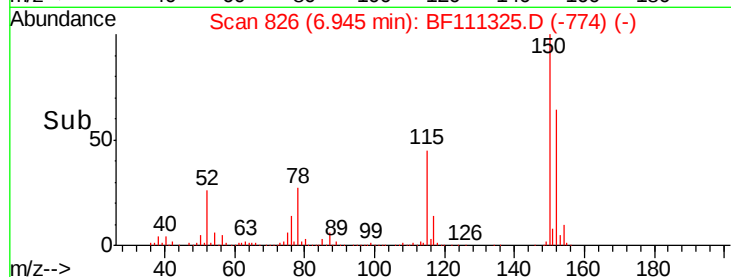
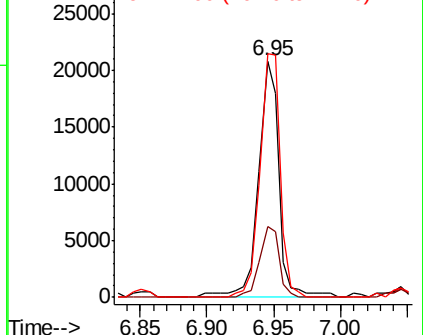
79 100

108 29.8 69.4 104.2#

77 103.0 49.7 74.5#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.039 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.02 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

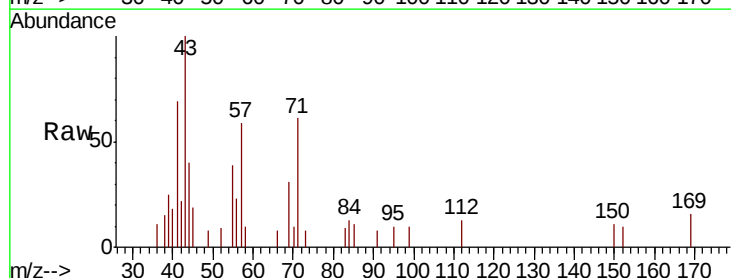
Tgt Ion: 45 Resp: 1458

Ion Ratio Lower Upper

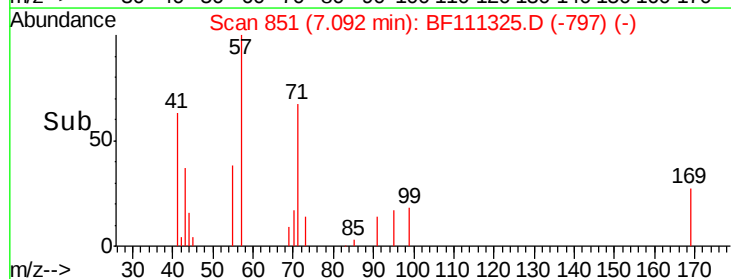
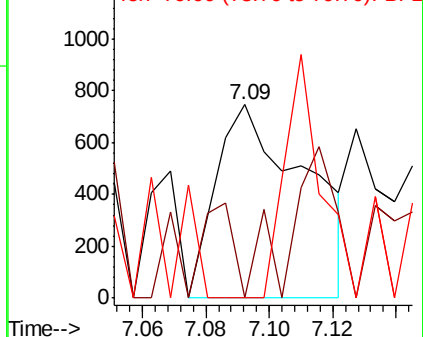
45 100

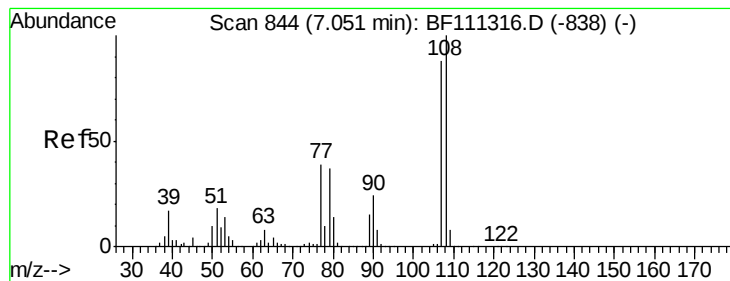
77 0.0 0.0 31.5

79 0.0 0.0 28.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 0.036 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

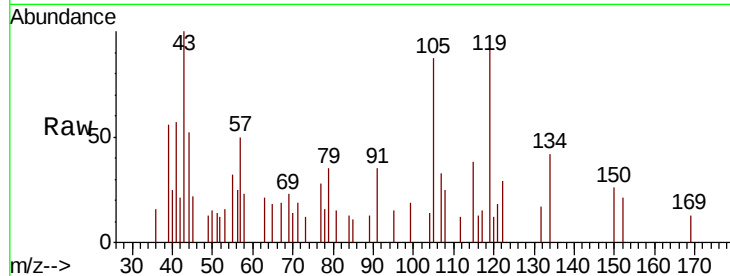
Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

Tgt Ion:	107	Resp:	583
Ion	Ratio	Lower	Upper
107	100		
108	75.7	91.0	136.4#
77	84.6	33.5	50.3#
79	104.3	33.3	49.9#

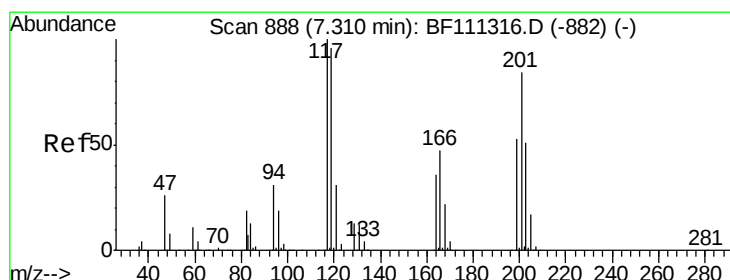
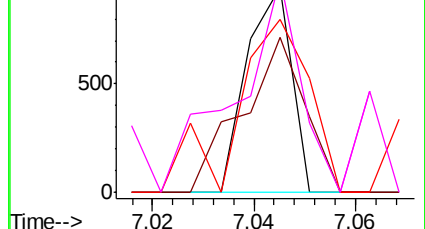
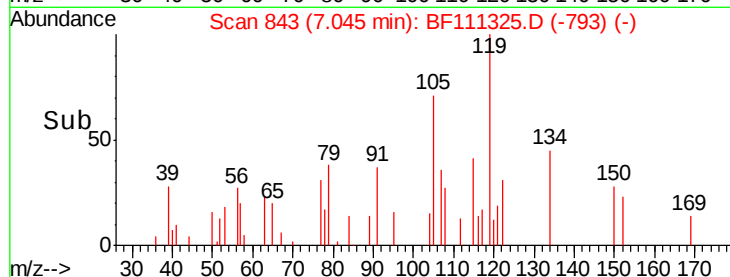


Abundance Ion 107.00 (106.70 to 107.70): E

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: 0.035 ng

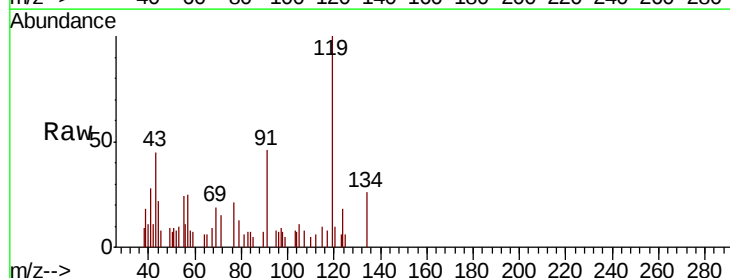
RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

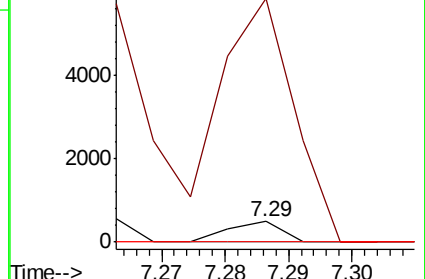
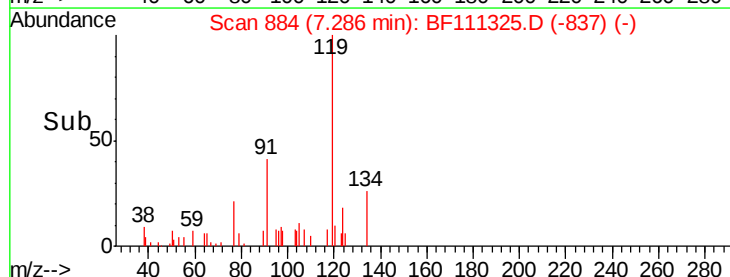
Tgt Ion:	117	Resp:	282
Ion	Ratio	Lower	Upper
117	100		
119	1183.6	75.4	113.0#
201	0.0	62.4	93.6#

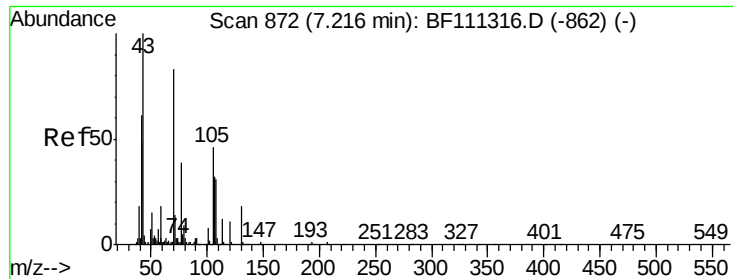


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

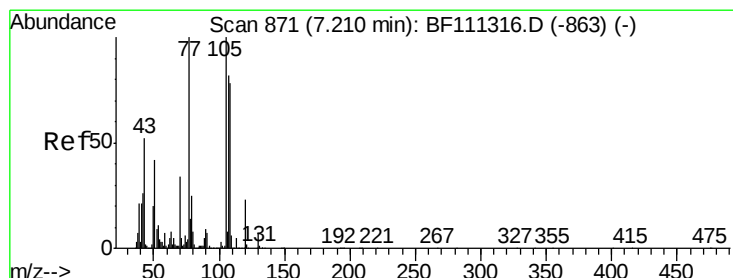
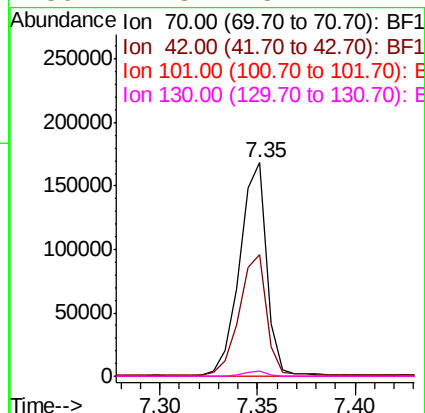
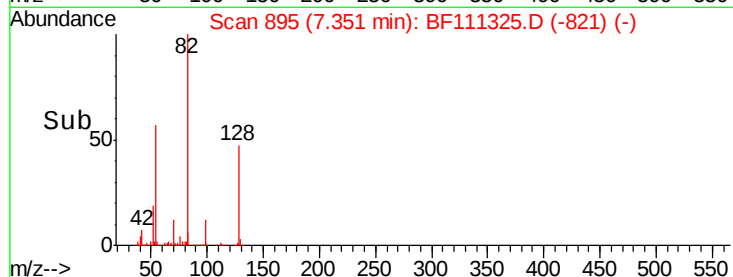
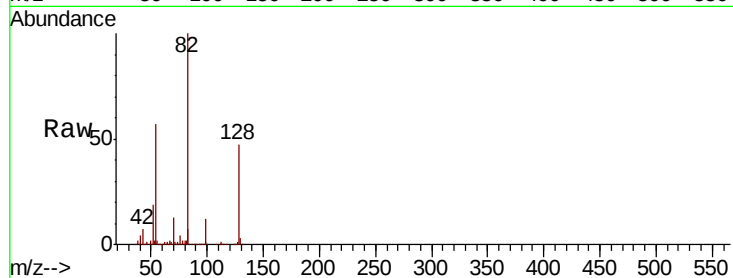




#19
n-Nitroso-di-n-propylamine
Concen: 11.273 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

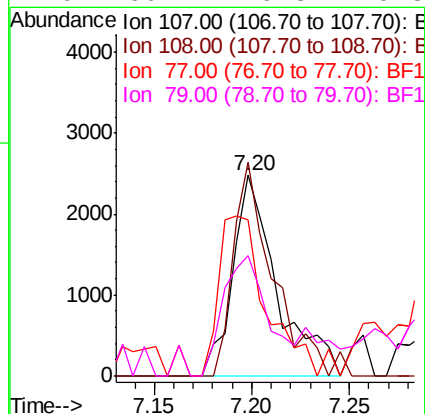
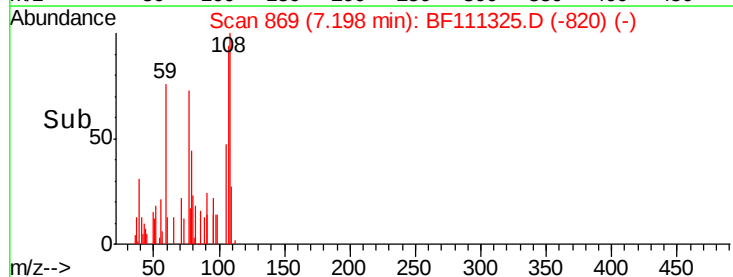
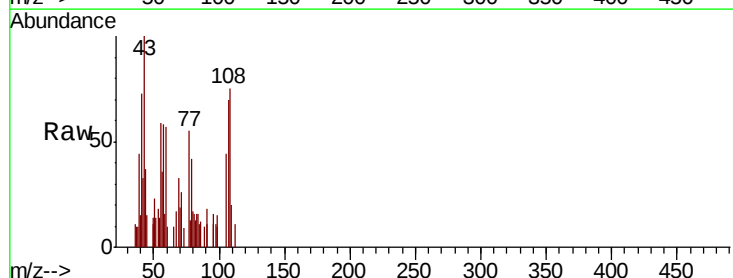
Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

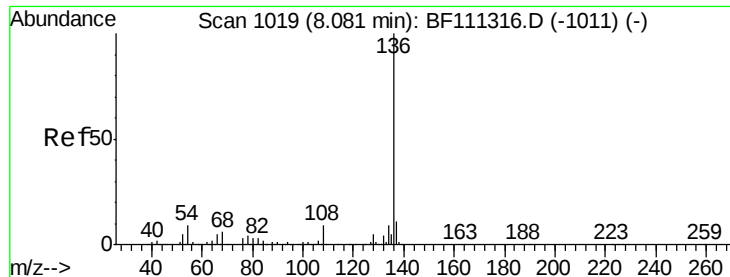
Tgt Ion: 70 Resp: 162440
Ion Ratio Lower Upper
70 100
42 57.1 53.2 79.8
101 0.0 8.2 12.4#
130 2.3 18.1 27.1#



#20
3+4-Methylphenols
Concen: 0.205 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion: 107 Resp: 3897
Ion Ratio Lower Upper
107 100
108 106.6 72.1 112.1
77 77.9 94.1 134.1#
79 60.1 9.8 49.8#

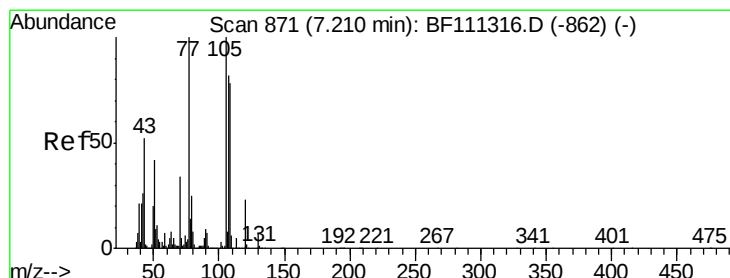
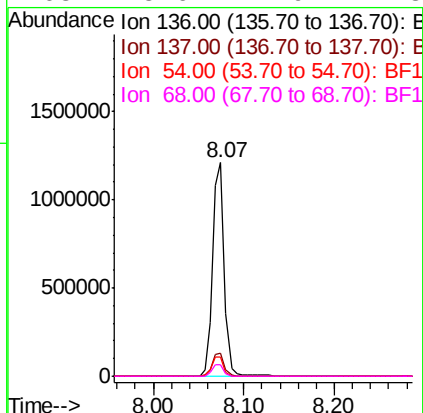
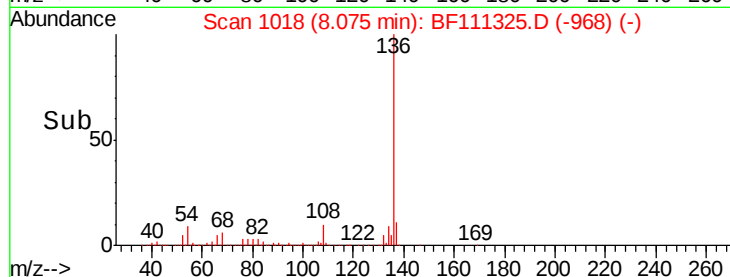
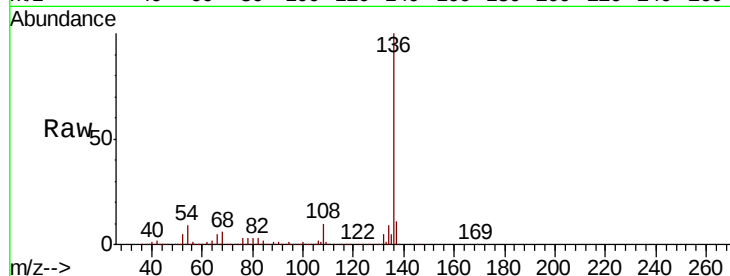




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

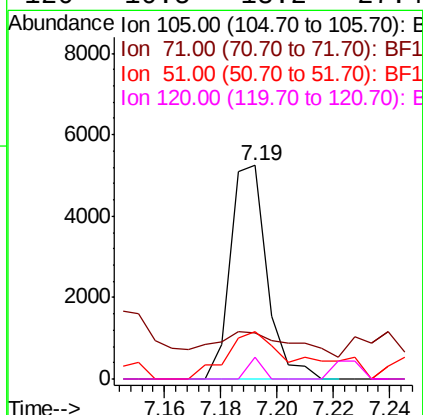
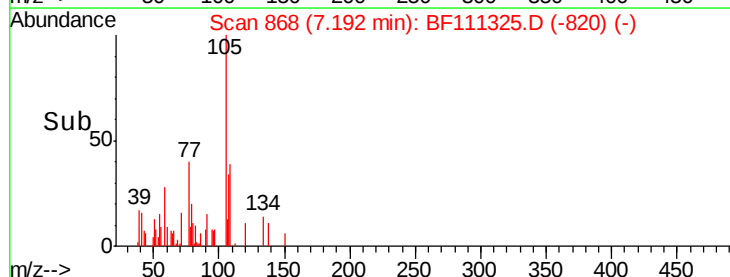
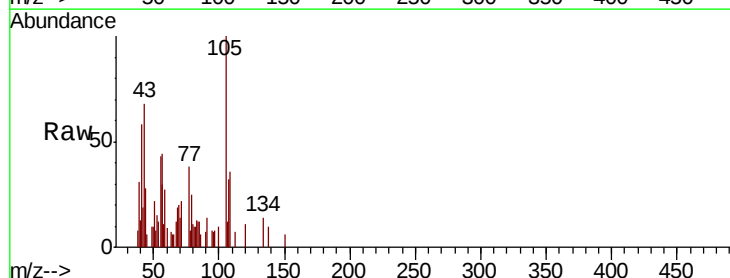
Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

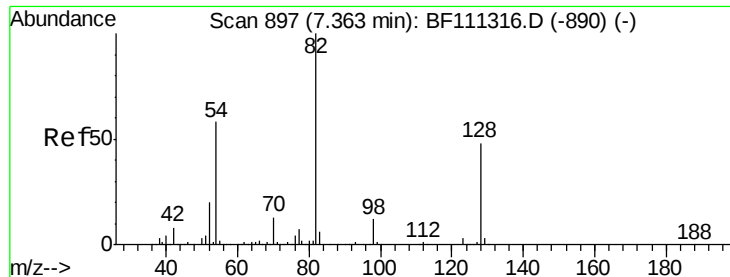
Tgt Ion:	136	Resp:	1098991
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	8.9	7.7	11.5
68	5.6	4.9	7.3



#22
Acetophenone
Concen: 0.186 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion:	105	Resp:	4740
Ion	Ratio	Lower	Upper
105	100		
71	21.9	3.1	4.7#
51	22.1	36.6	54.8#
120	10.5	18.2	27.4#

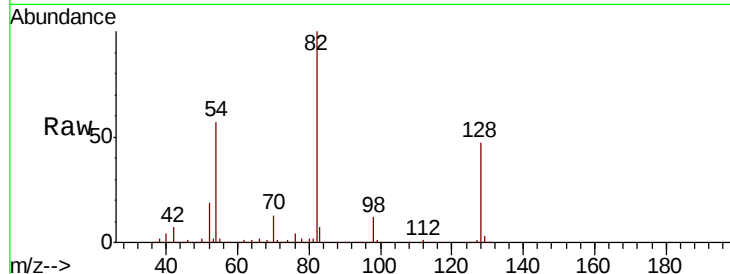




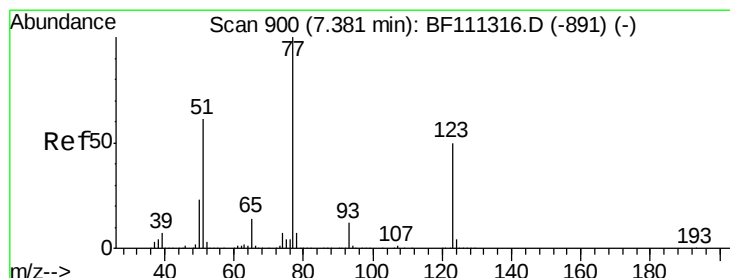
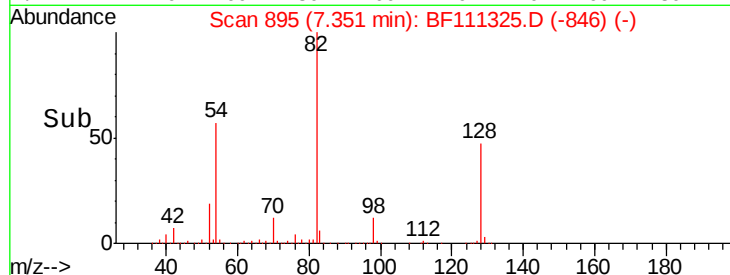
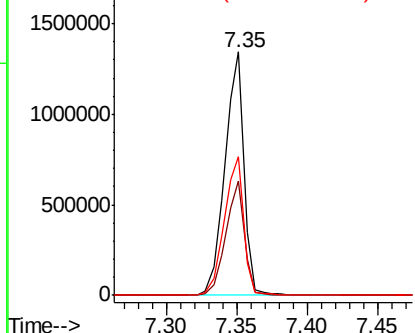
#23
Nitrobenzene-d5
Concen: 64.724 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

Tgt Ion: 82 Resp: 1262018
Ion Ratio Lower Upper
82 100
128 47.0 37.4 56.2
54 56.8 47.6 71.4

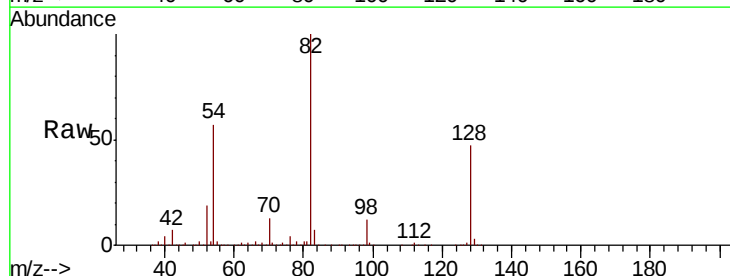


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

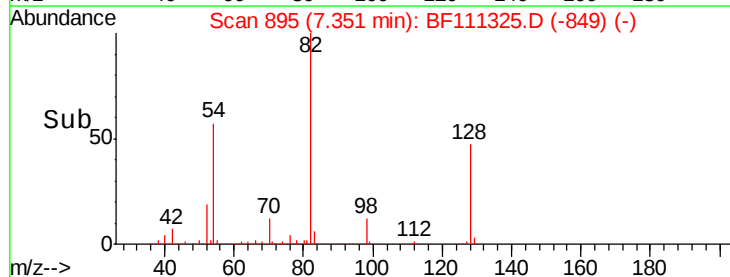
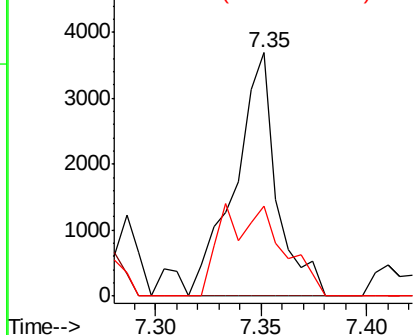


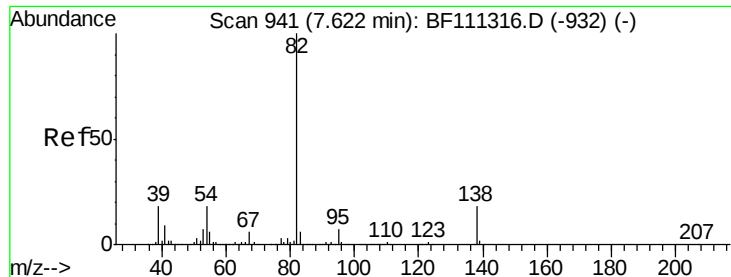
#24
Nitrobenzene
Concen: 0.255 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion: 77 Resp: 5112
Ion Ratio Lower Upper
77 100
123 0.0 37.2 55.8#
65 36.8 11.5 17.3#



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: 37.483 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.27 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

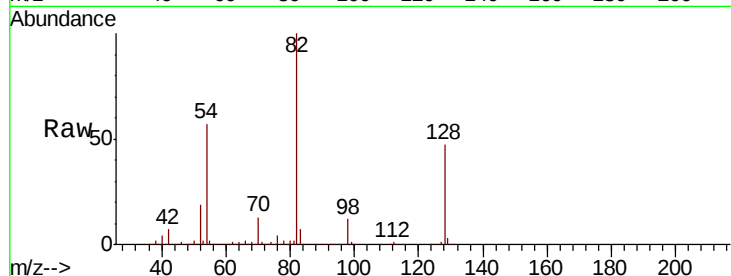
Tgt Ion: 82 Resp: 1241459

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

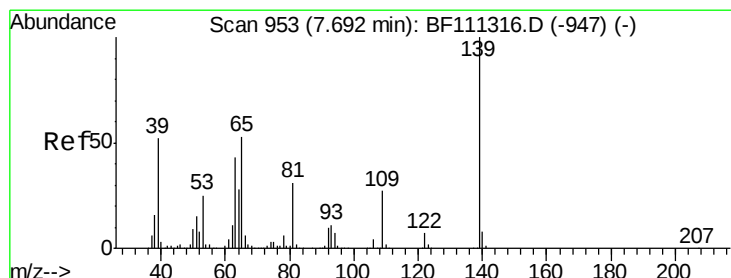
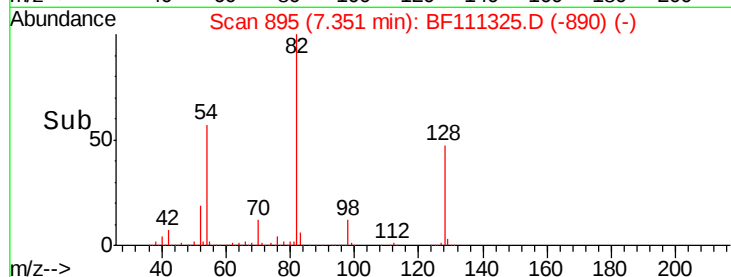
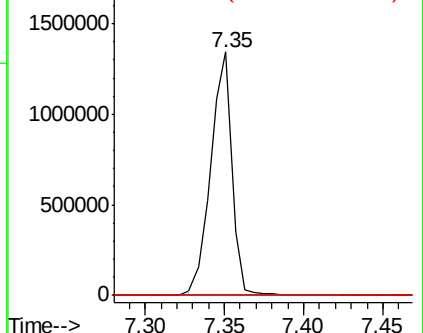
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 0.012 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.03 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

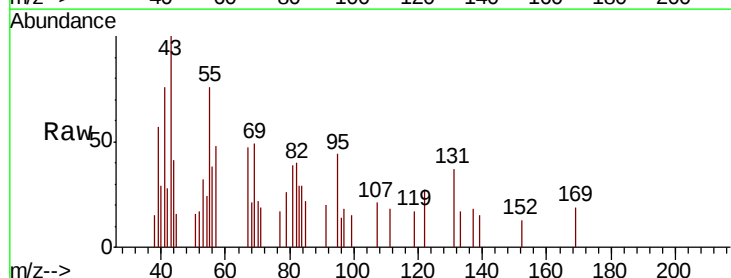
Tgt Ion: 139 Resp: 120

Ion Ratio Lower Upper

139 100

109 0.0 20.2 30.4#

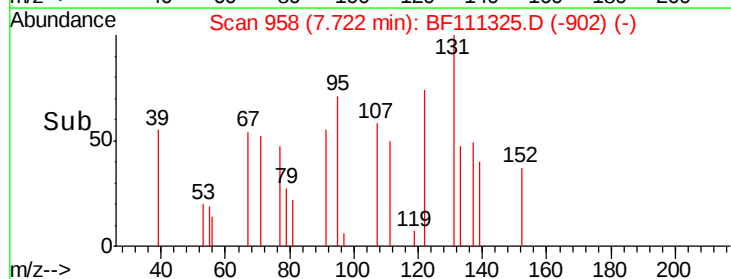
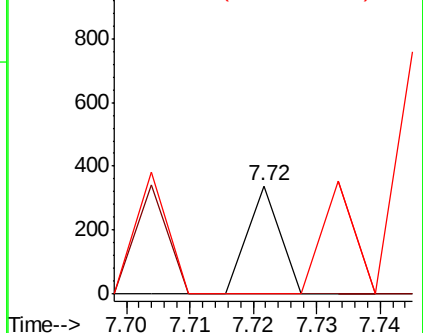
65 0.0 40.7 61.1#

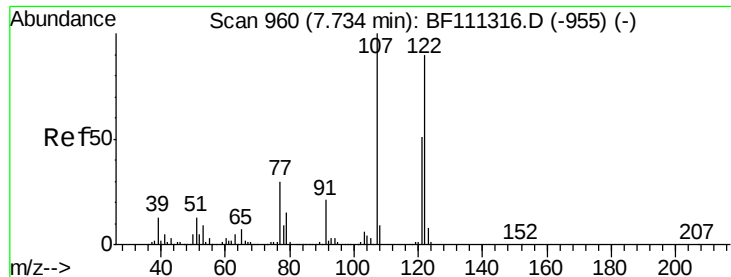


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 0.072 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

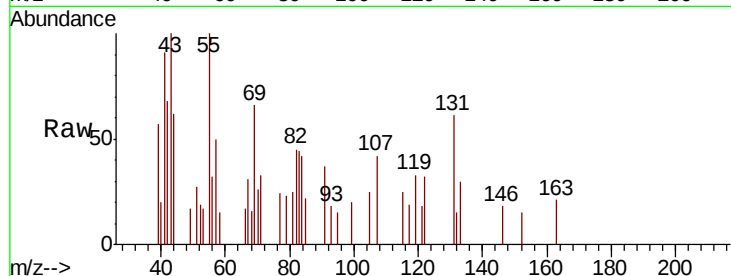
Tgt Ion:122 Resp: 1075

Ion Ratio Lower Upper

122 100

107 130.8 85.5 128.3#

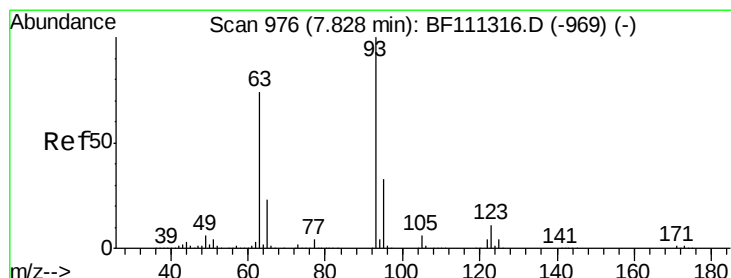
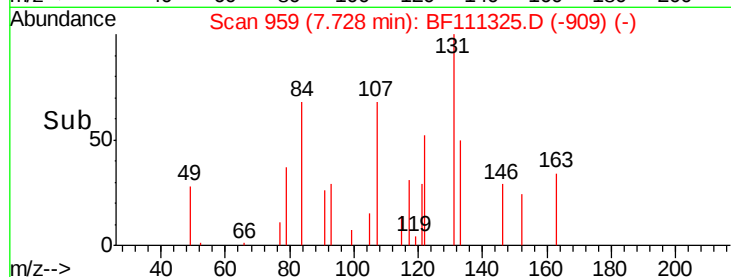
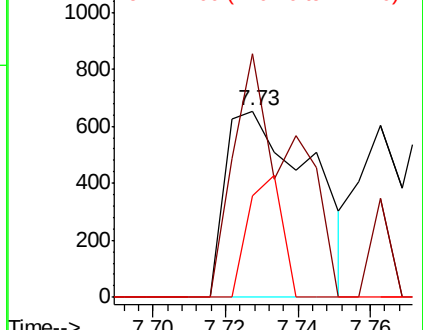
121 54.7 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.006 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.02 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

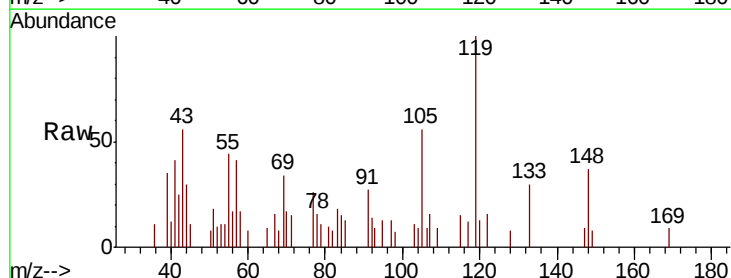
Tgt Ion: 93 Resp: 126

Ion Ratio Lower Upper

93 100

95 143.0 27.1 40.7#

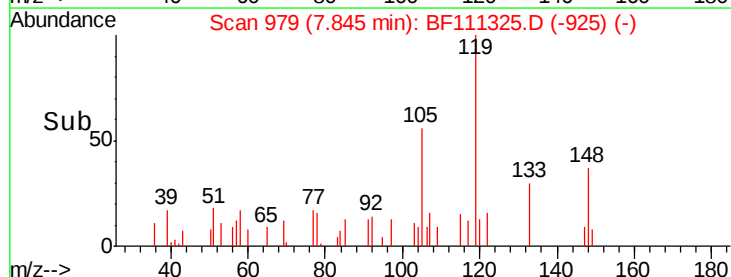
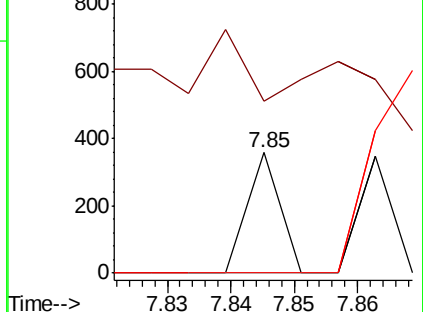
123 0.0 9.9 14.9#

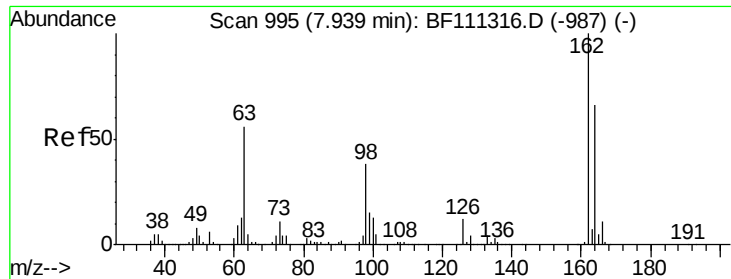


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 0.007 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.09 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

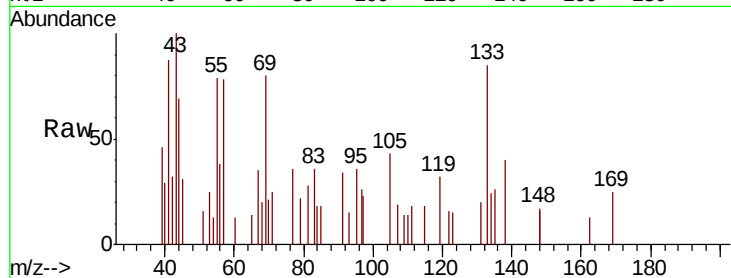
Tgt Ion:162 Resp: 110

Ion Ratio Lower Upper

162 100

164 0.0 44.4 84.4#

98 0.0 20.3 60.3#



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

600

500

400

300

200

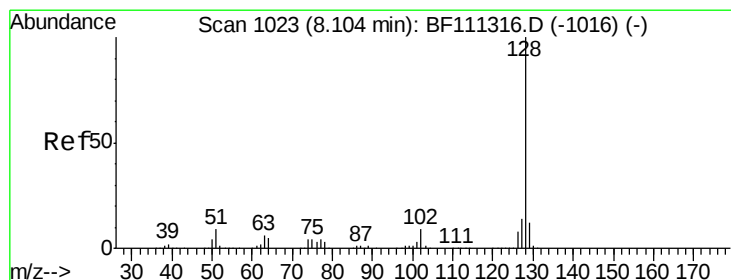
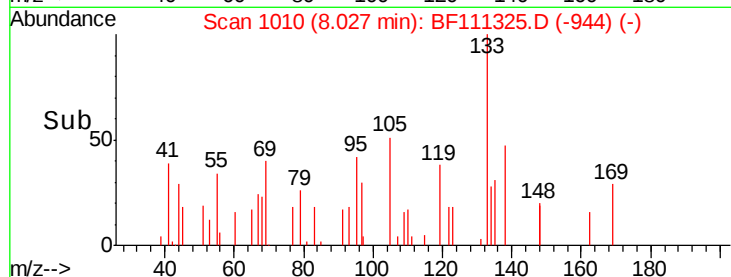
100

0

8.01 8.02 8.03 8.04

8.03

Time-->



#31

Naphthalene

Concen: 0.343 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

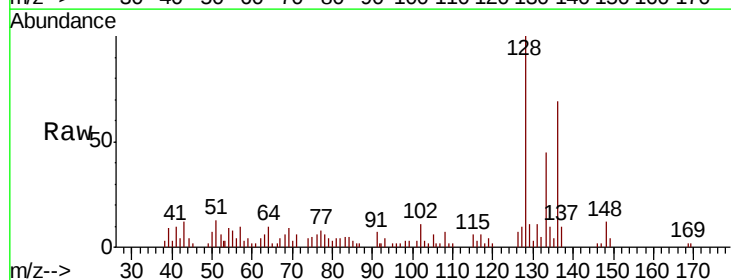
Tgt Ion:128 Resp: 17571

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.8

127 10.3 12.0 18.0#



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

25000

20000

15000

10000

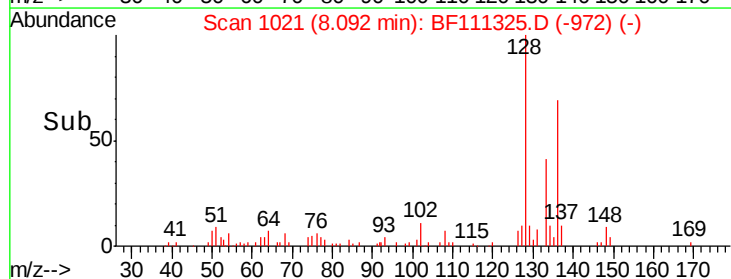
5000

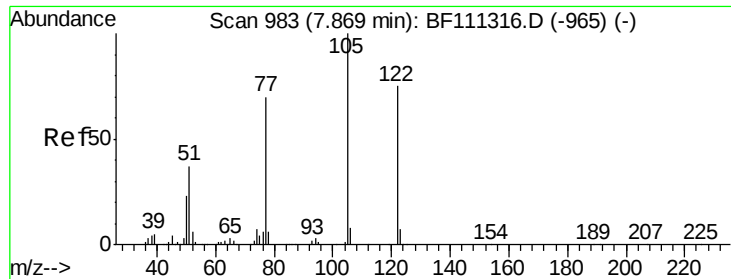
0

8.00 8.05 8.10

8.09

Time-->





#32

Benzoic acid

Concen: 0.097 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

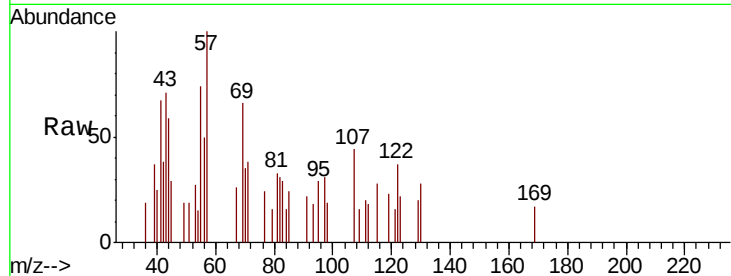
Tgt Ion:122 Resp: 1210

Ion Ratio Lower Upper

122 100

105 0.0 97.0 137.0#

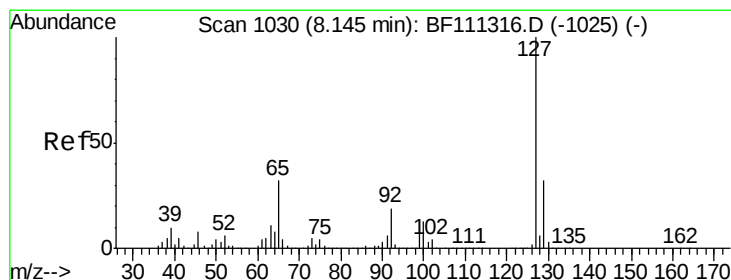
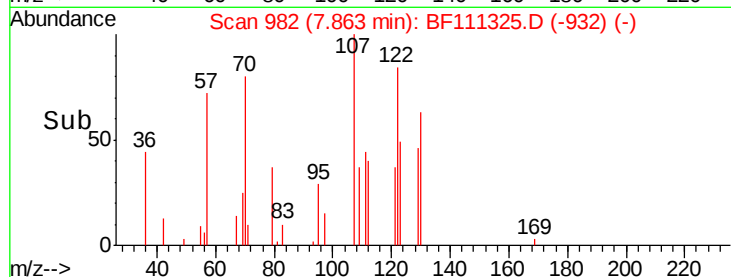
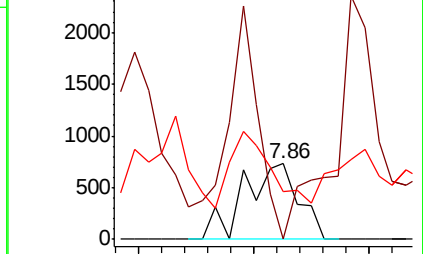
77 63.8 65.7 105.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 0.006 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Tgt Ion:127 Resp: 138

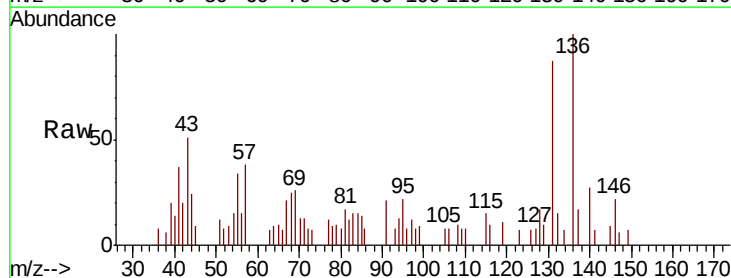
Ion Ratio Lower Upper

127 100

129 126.2 26.6 39.8#

65 127.2 25.7 38.5#

92 0.0 15.4 23.2#

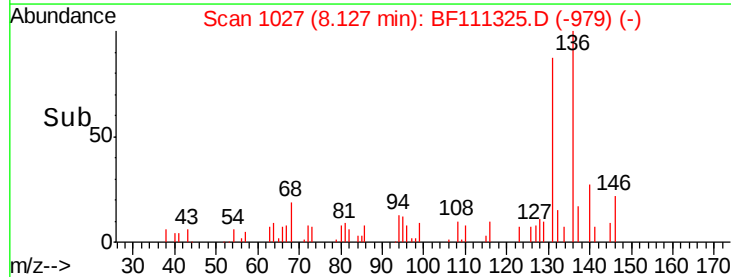
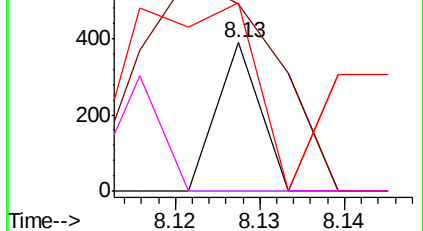


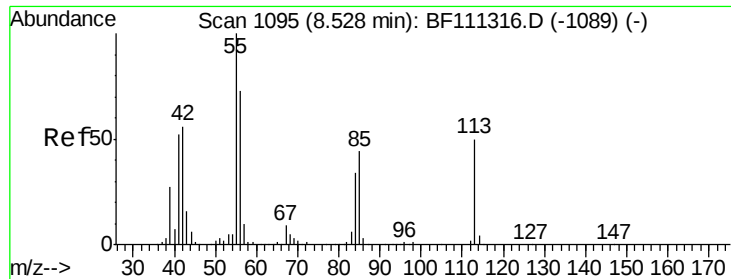
Abundance Ion 127.00 (126.70 to 127.70): E

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

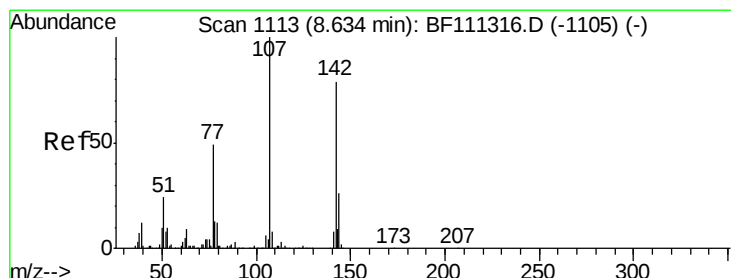
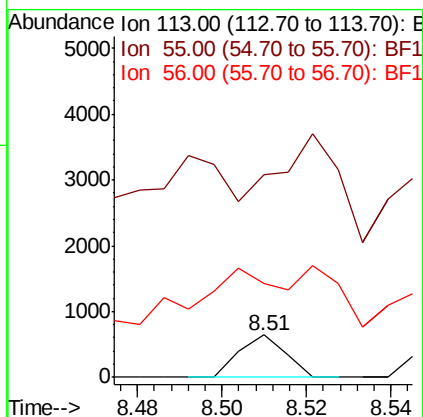
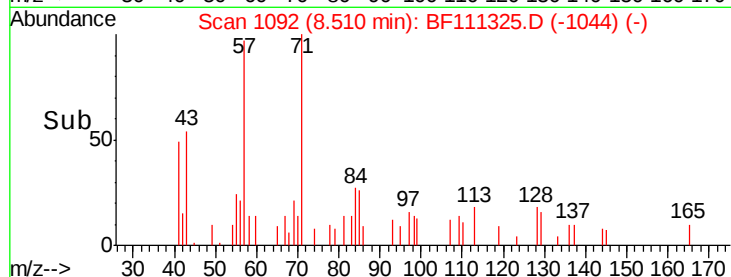
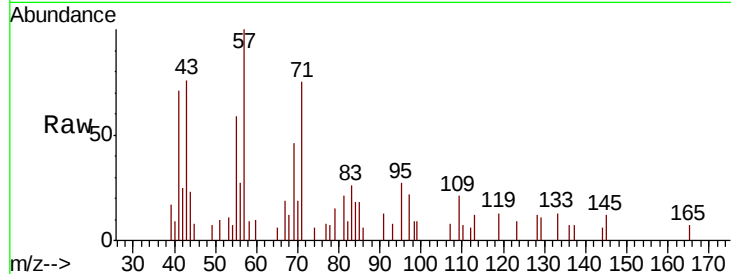




#35
 Caprolactam
 Concen: 0.088 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.02 min
 Lab File: BF111325.D
 Acq: 12 Dec 2018 16:58

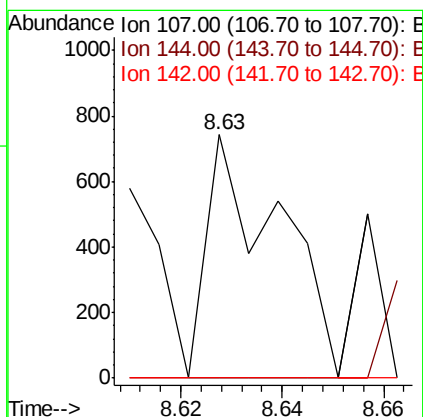
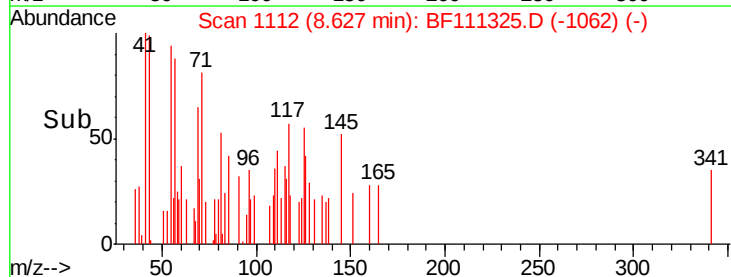
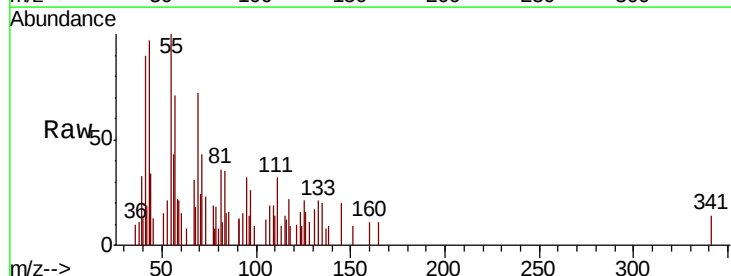
Instrument :
 BNA_F
 ClientSampleId :
 SB-2(15-17)

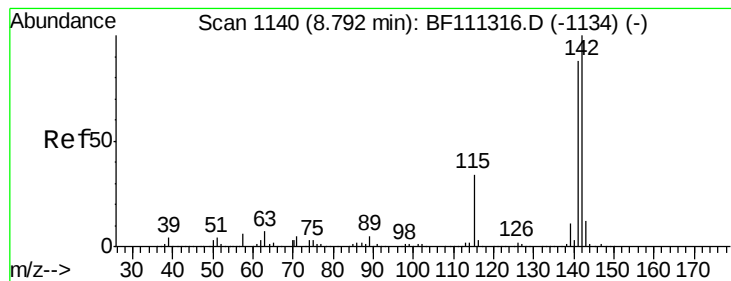
Tgt Ion:113 Resp: 483
 Ion Ratio Lower Upper
 113 100
 55 480.8 184.1 224.1#
 56 222.2 126.0 166.0#



#36
 4-Chloro-3-methylphenol
 Concen: 0.044 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF111325.D
 Acq: 12 Dec 2018 16:58

Tgt Ion:107 Resp: 732
 Ion Ratio Lower Upper
 107 100
 144 0.0 19.8 29.6#
 142 0.0 62.3 93.5#





#37

2-Methylnaphthalene

Concen: 0.305 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

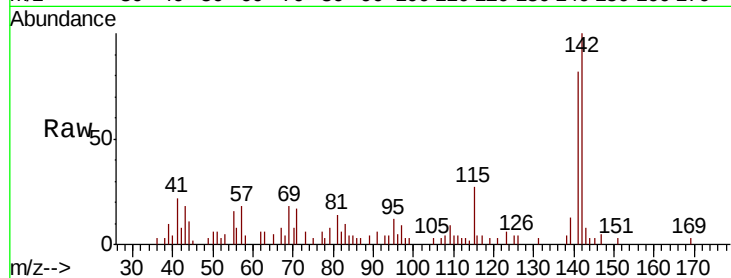
Tgt Ion:142 Resp: 10084

Ion Ratio Lower Upper

142 100

141 82.1 70.6 105.8

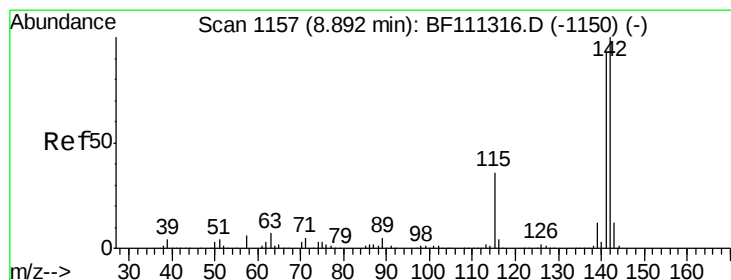
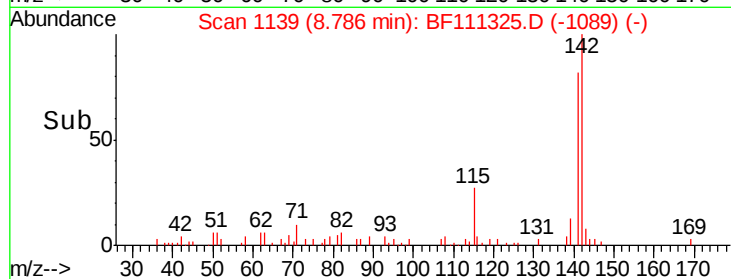
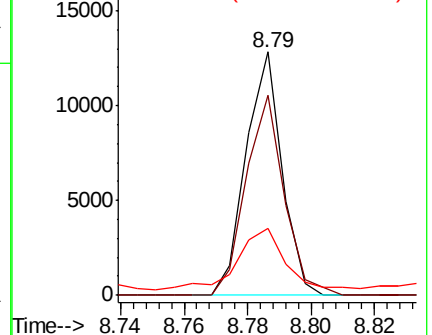
115 27.3 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 0.433 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

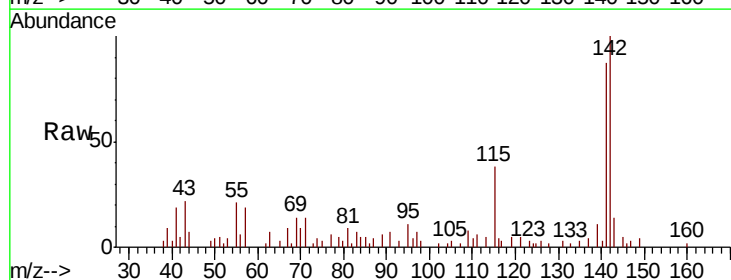
Tgt Ion:142 Resp: 13826

Ion Ratio Lower Upper

142 100

141 86.6 74.2 111.4

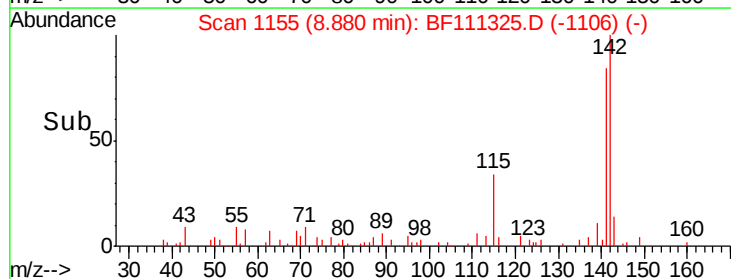
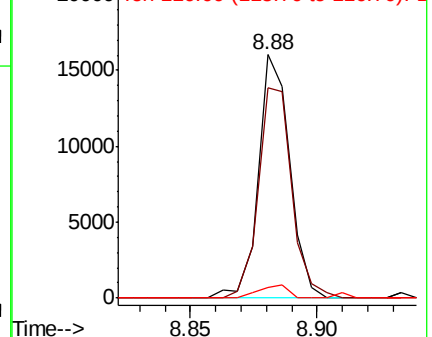
116 4.1 2.9 4.3

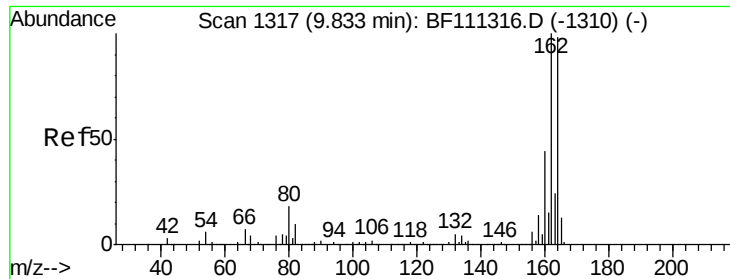


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

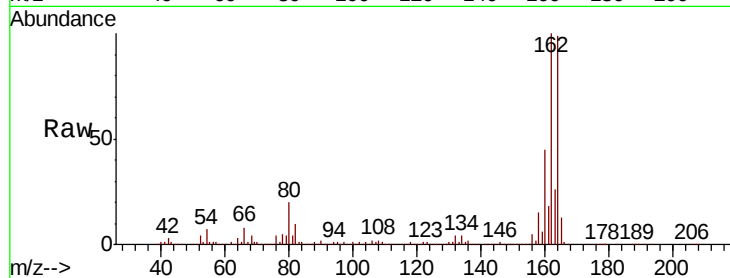
Tgt Ion:164 Resp: 480954

Ion Ratio Lower Upper

164 100

162 100.7 81.4 122.0

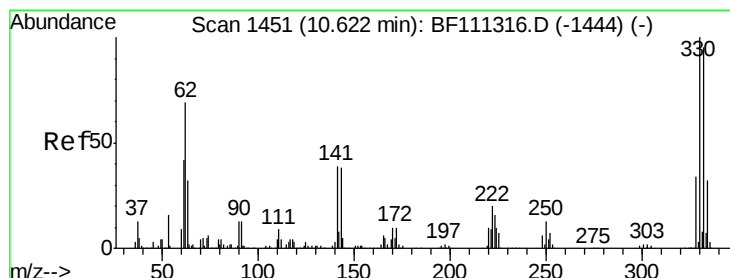
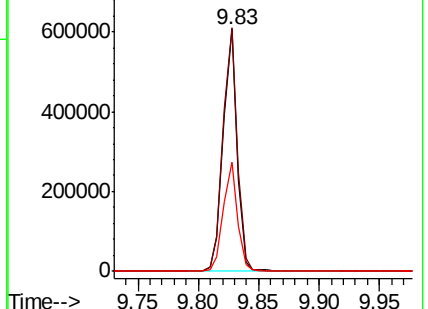
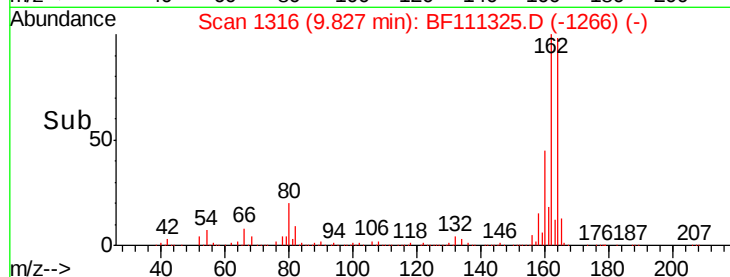
160 45.3 35.7 53.5



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: 69.780 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

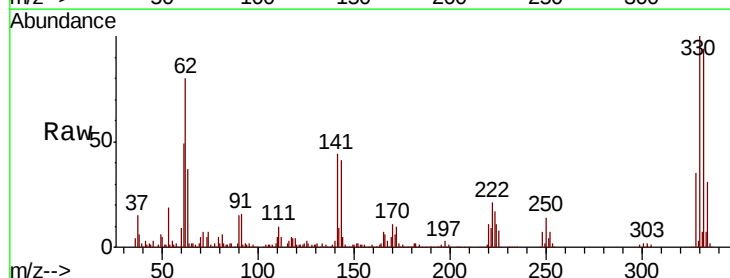
Tgt Ion:330 Resp: 295845

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

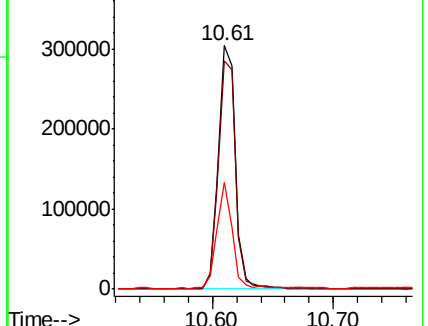
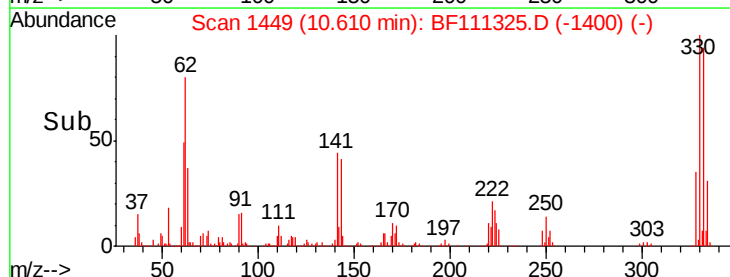
141 40.0 31.0 46.6

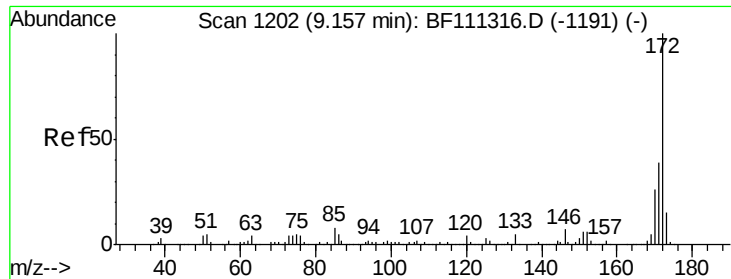


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

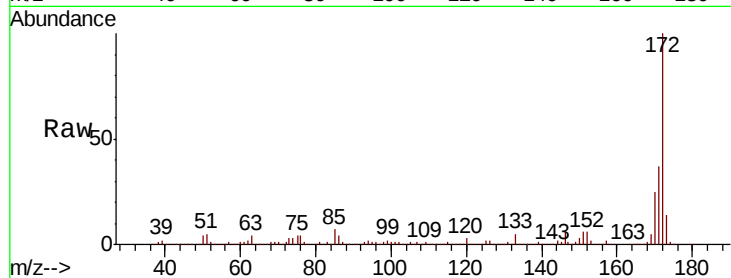




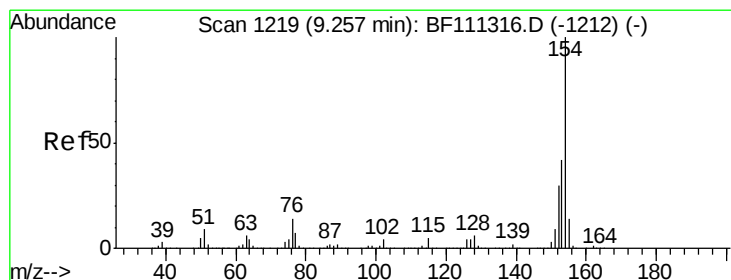
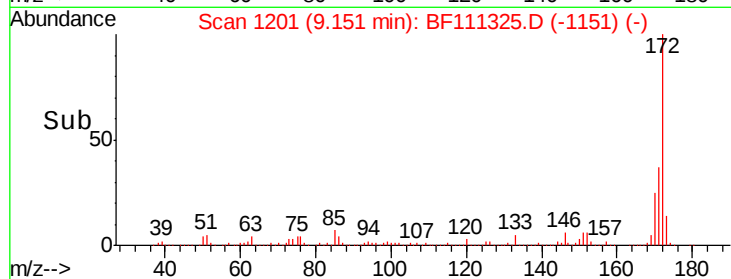
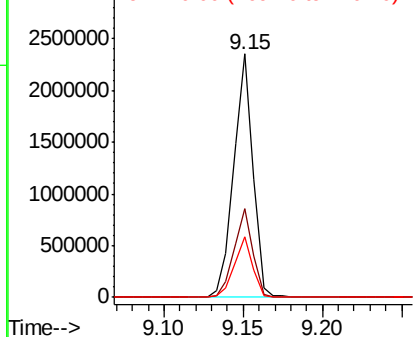
#45
2-Fluorobiphenyl
Concen: 66.231 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

Tgt Ion:172 Resp: 1984064
Ion Ratio Lower Upper
172 100
171 36.6 33.0 49.4
170 25.0 22.3 33.5

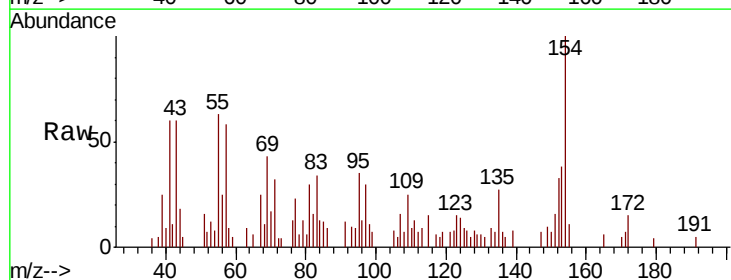


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

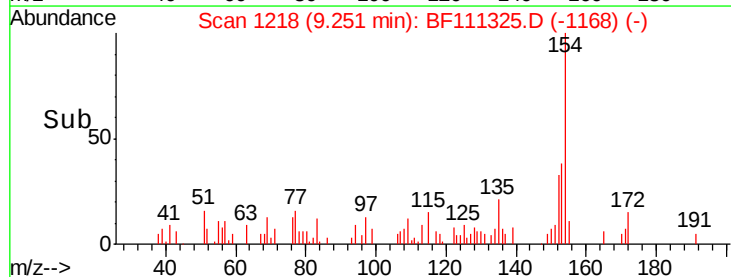
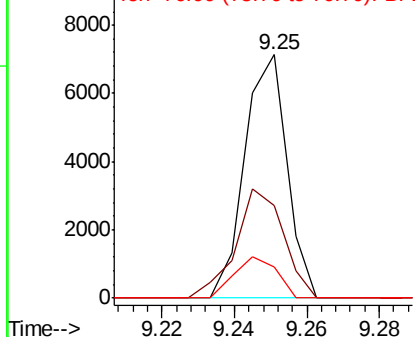


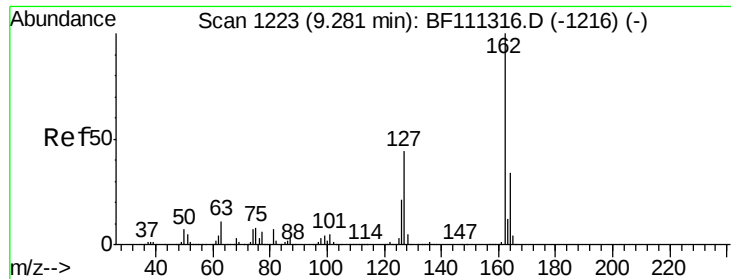
#46
1,1'-Biphenyl
Concen: 0.140 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion:154 Resp: 5742
Ion Ratio Lower Upper
154 100
153 38.1 23.7 63.7
76 12.8 0.0 35.0



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: 0.014 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.06 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

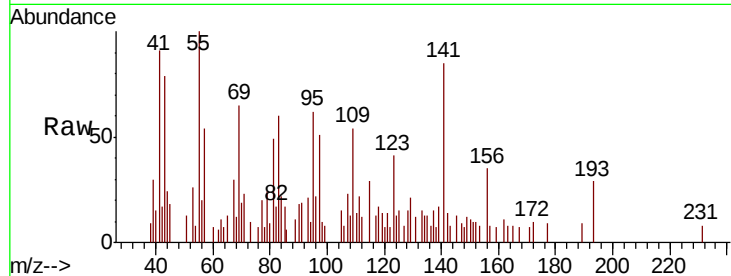
Tgt Ion:162 Resp: 444

Ion Ratio Lower Upper

162 100

127 70.7 35.0 52.4#

164 0.0 28.4 42.6#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

800

600

400

200

0

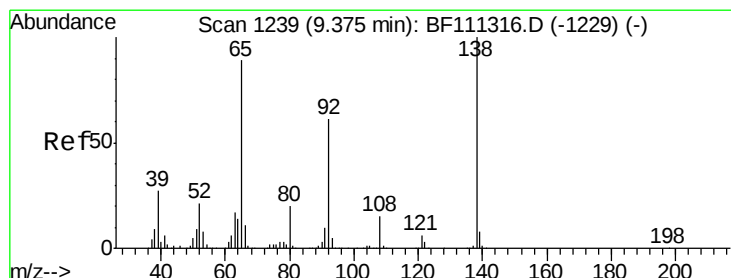
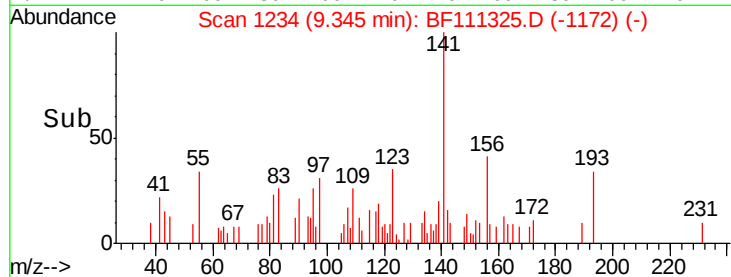
9.32

9.34

9.36

9.38

Time-->



#48

2-Nitroaniline

Concen: 0.026 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

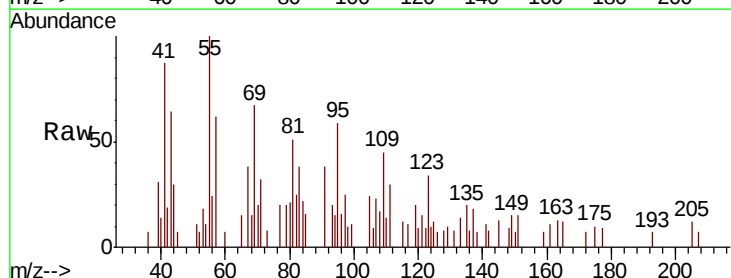
Tgt Ion: 65 Resp: 262

Ion Ratio Lower Upper

65 100

92 0.0 53.5 80.3#

138 46.7 80.9 121.3#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

1000

800

600

400

200

0

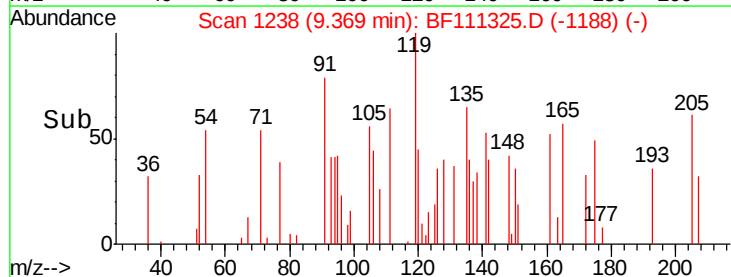
9.36

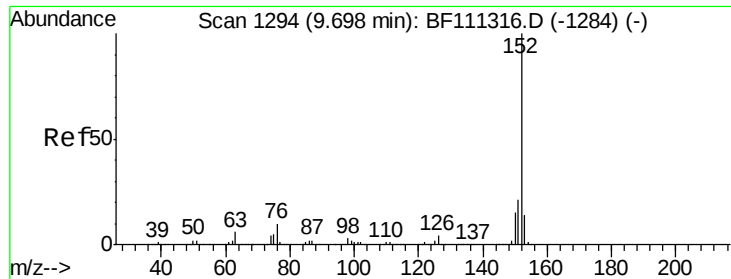
9.37

9.38

9.39

Time-->

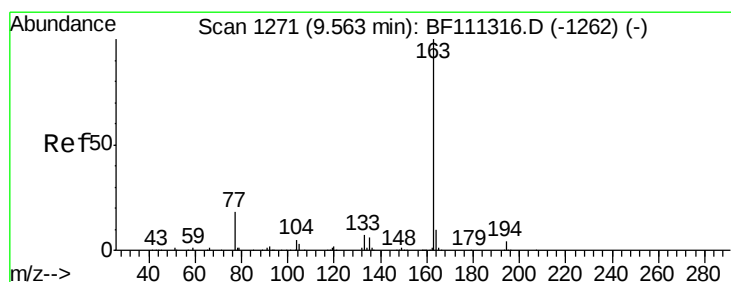
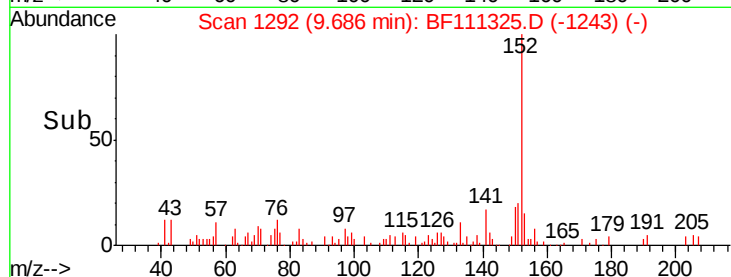
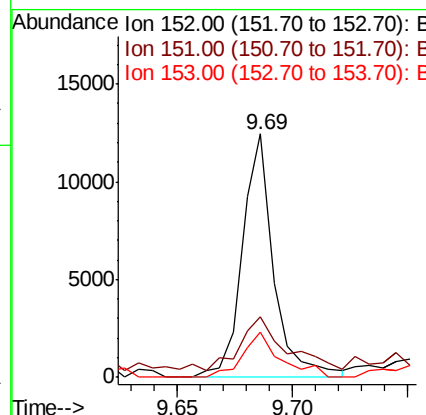
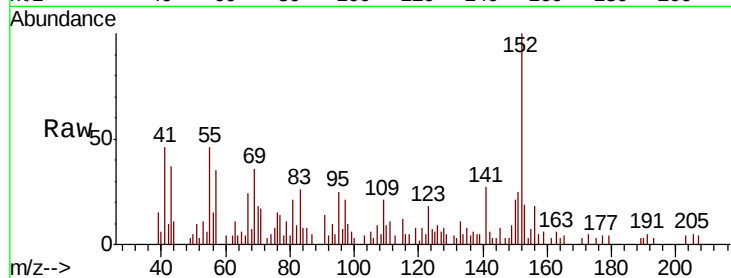




#49
Acenaphthylene
Concen: 0.257 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

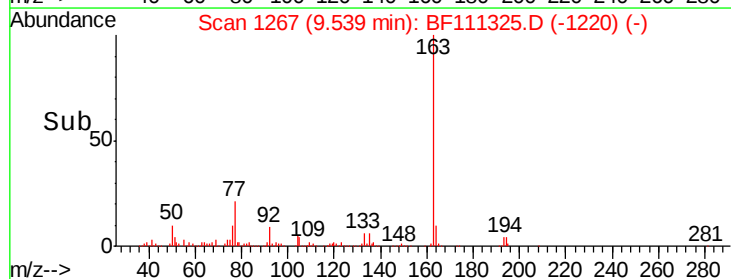
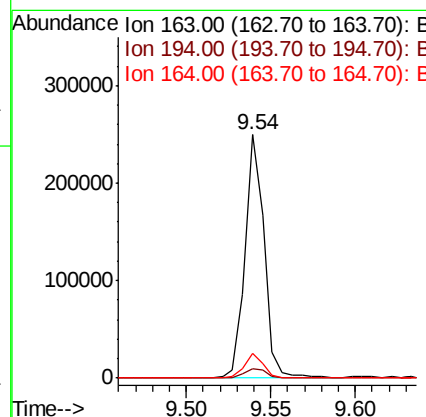
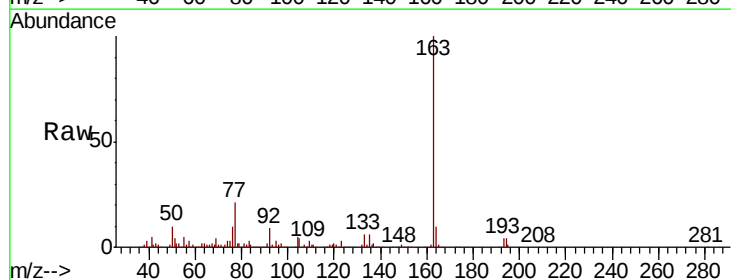
Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

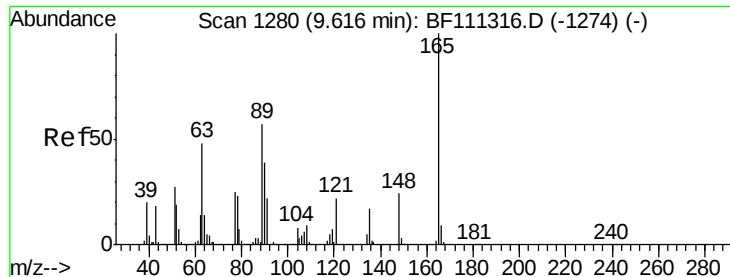
Tgt Ion:152 Resp: 11809
Ion Ratio Lower Upper
152 100
151 24.7 18.0 27.0
153 18.7 12.3 18.5#



#50
Dimethylphthalate
Concen: 5.570 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion:163 Resp: 192637
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.0 8.9 13.3





#51

2,6-Dinitrotoluene

Concen: 0.341 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.08 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

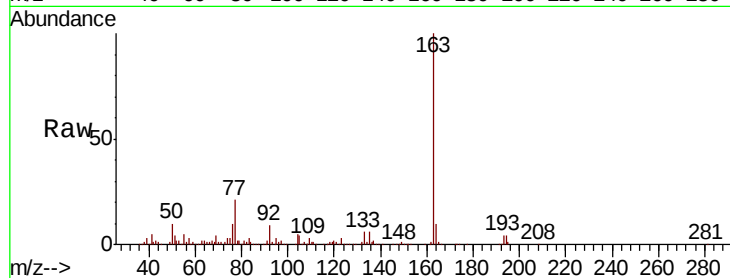
Tgt Ion:165 Resp: 2618

Ion Ratio Lower Upper

165 100

63 130.3 40.5 60.7#

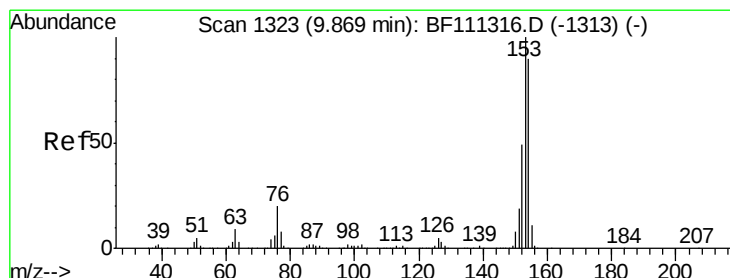
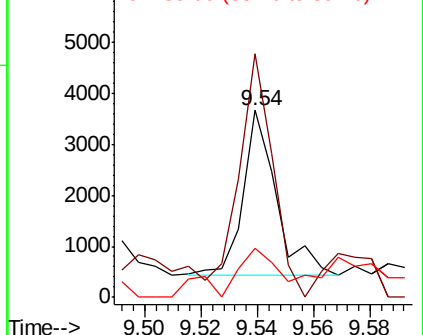
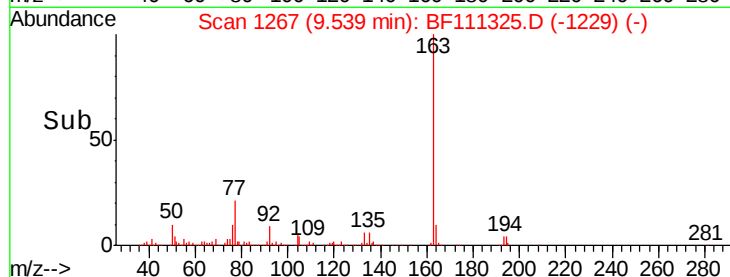
89 25.9 40.0 60.0#



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: 0.829 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

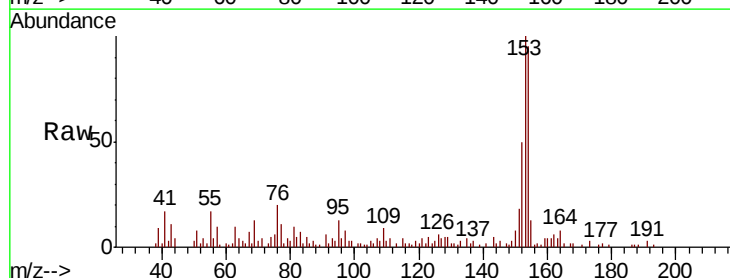
Tgt Ion:154 Resp: 24011

Ion Ratio Lower Upper

154 100

153 105.4 87.8 131.8

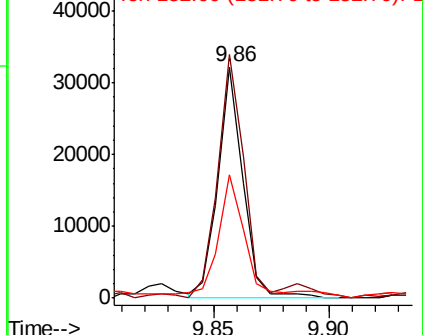
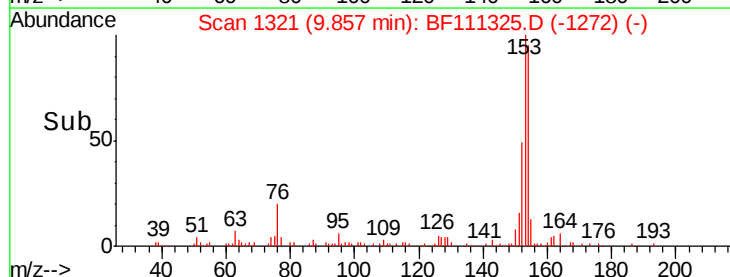
152 53.1 43.4 65.2

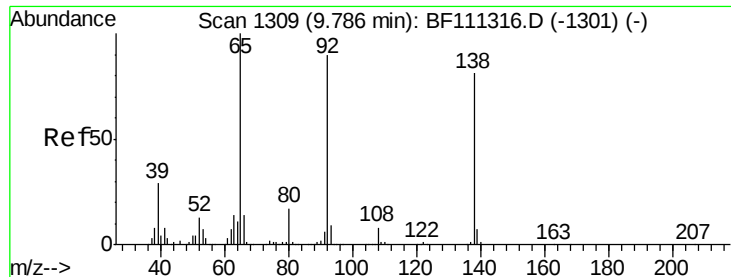


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

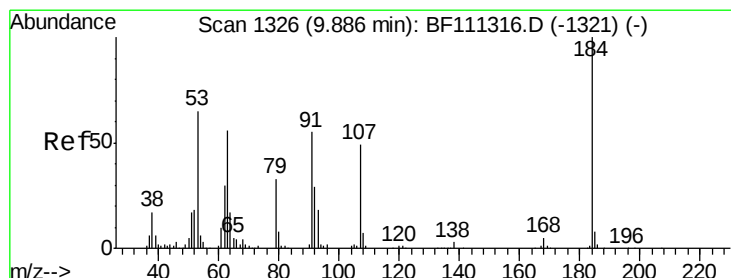
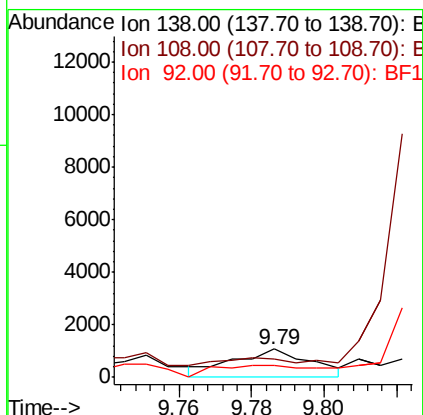
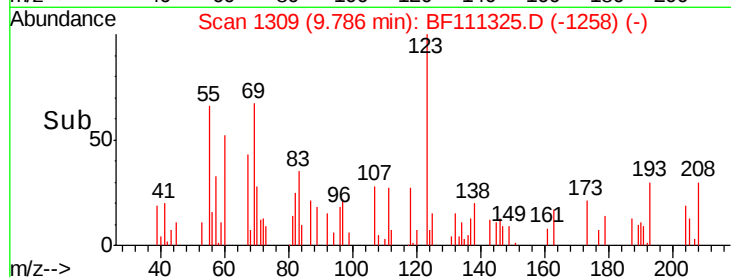
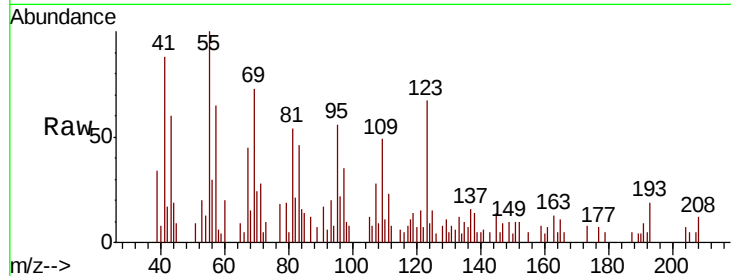




#53
3-Nitroaniline
Concen: 0.173 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

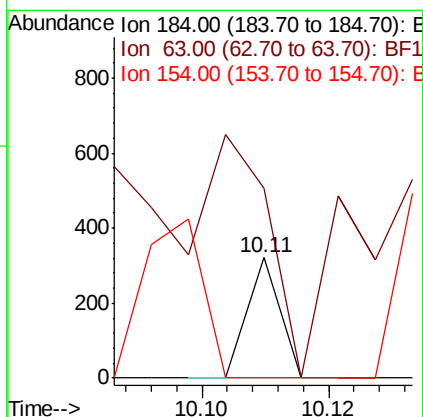
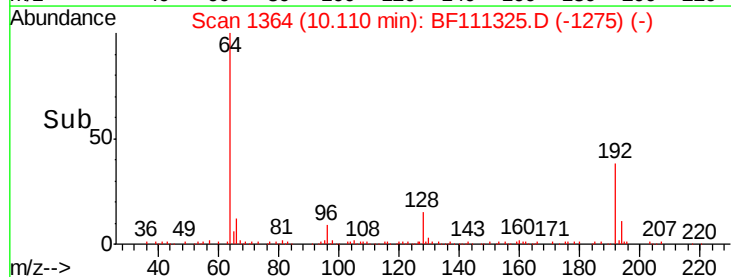
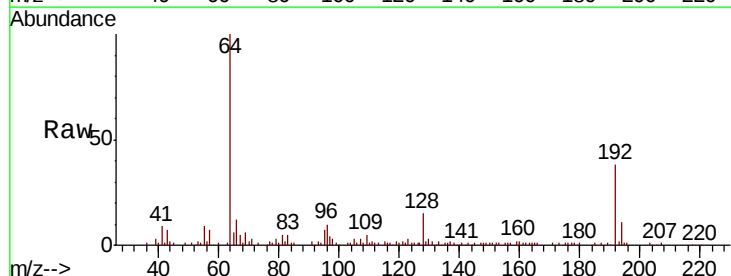
Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

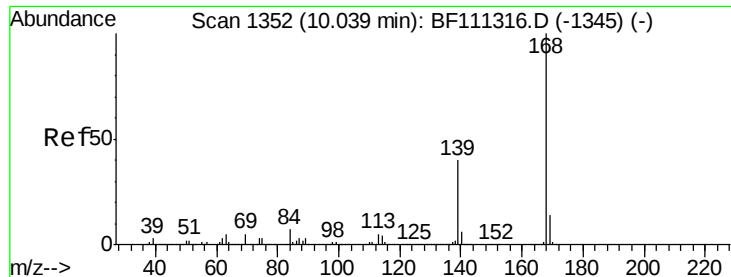
Tgt Ion:138 Resp: 1597
Ion Ratio Lower Upper
138 100
108 65.1 8.2 12.4#
92 40.1 93.4 140.2#



#54
2,4-Dinitrophenol
Concen: 0.038 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.22 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion:184 Resp: 114
Ion Ratio Lower Upper
184 100
63 157.5 62.3 93.5#
154 0.0 56.2 84.2#





#55

Dibenzenofuran

Concen: 0.296 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

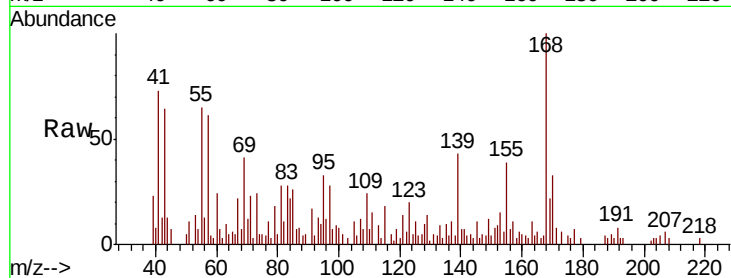
Tgt Ion:168 Resp: 12395

Ion Ratio Lower Upper

168 100

139 42.9 32.6 49.0

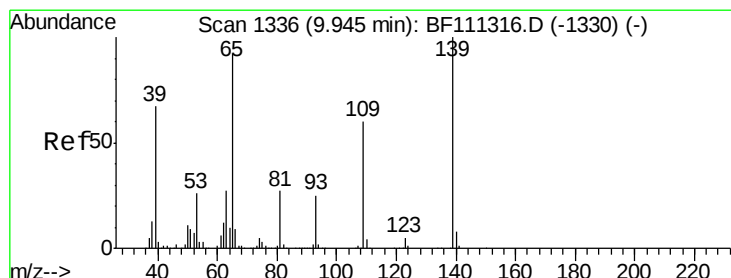
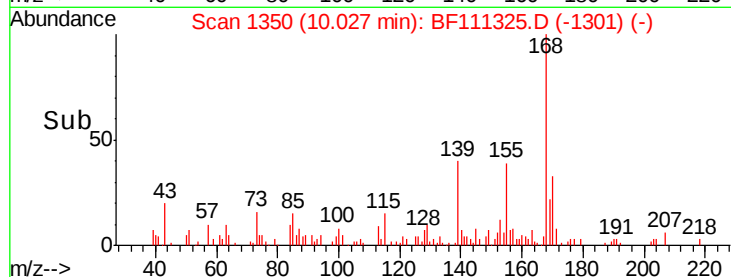
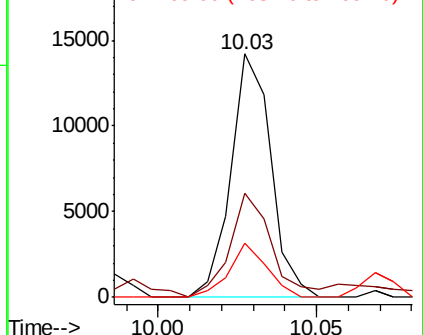
169 22.2 11.8 17.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.067 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

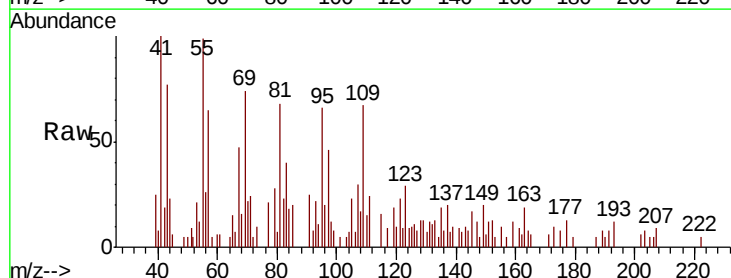
Tgt Ion:139 Resp: 443

Ion Ratio Lower Upper

139 100

109 670.8 41.8 81.8#

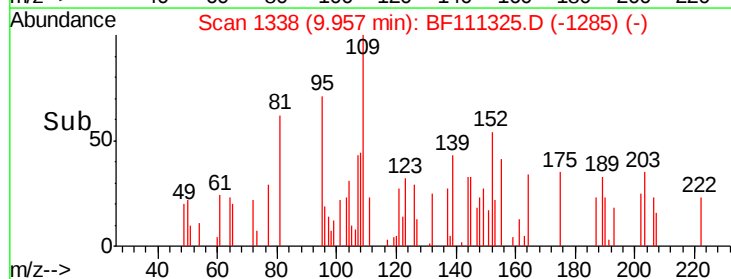
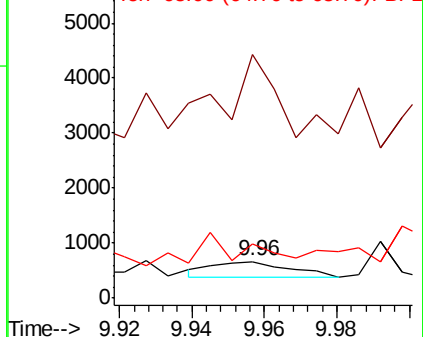
65 149.2 79.6 119.6#

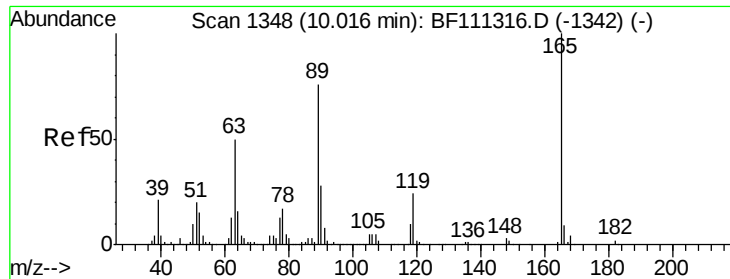


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

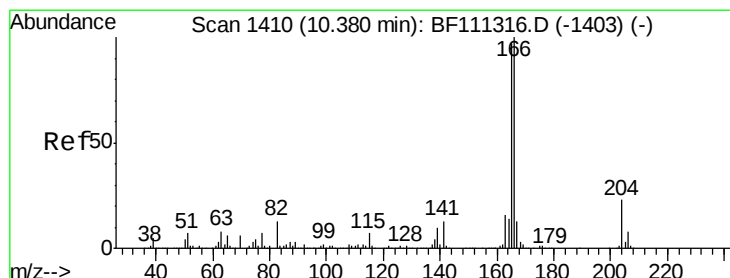
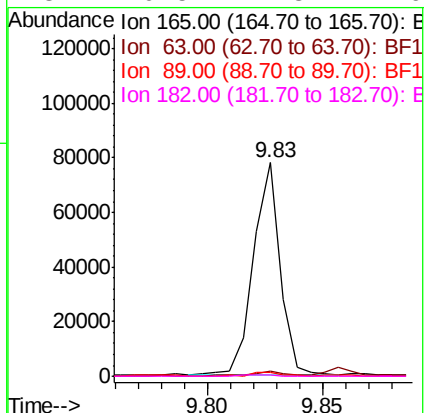
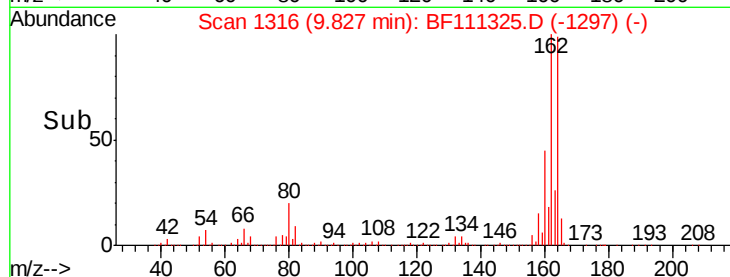
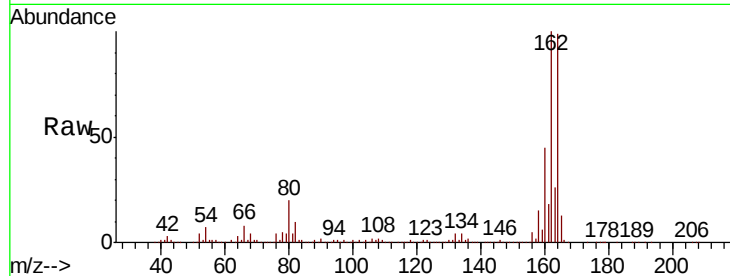




#57
2,4-Dinitrotoluene
Concen: 6.435 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

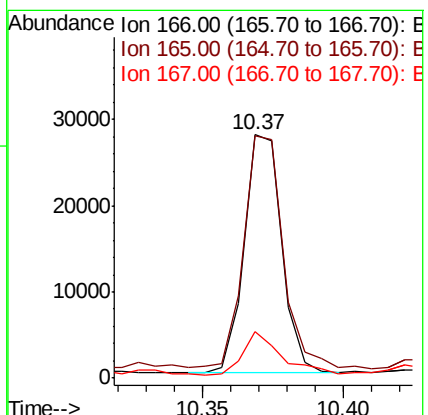
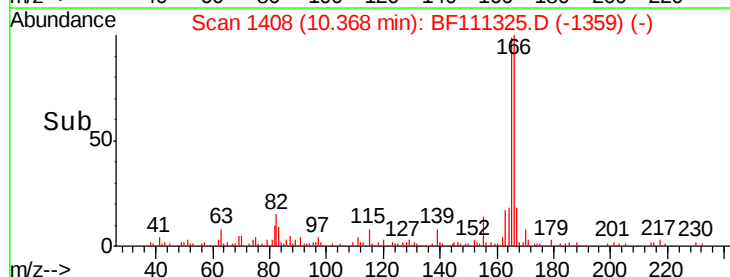
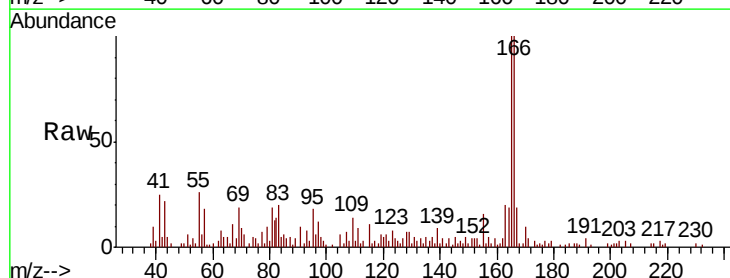
Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

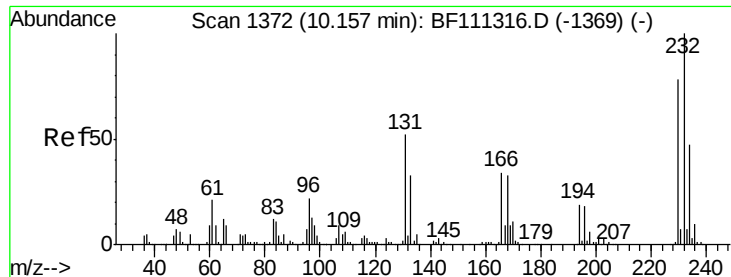
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	34.6	52.0#
89	2.0	56.2	84.4#
182	0.5	1.8	2.6#



#58
Fluorene
Concen: 0.856 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.4	117.6
167	19.0	11.2	16.8#

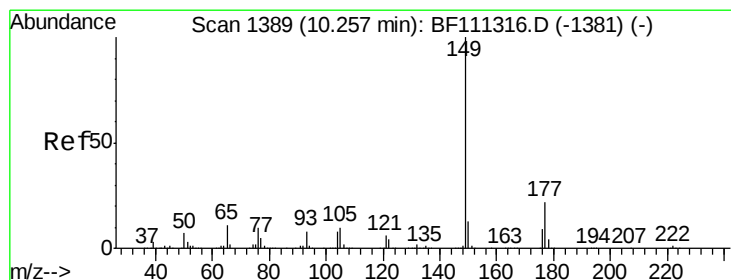
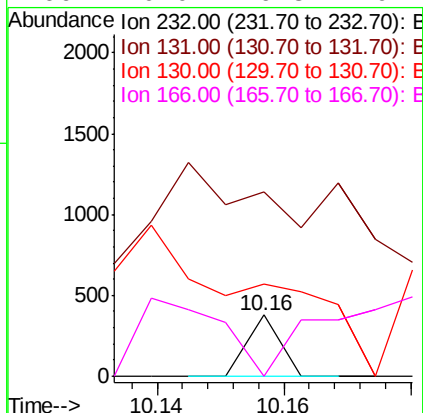
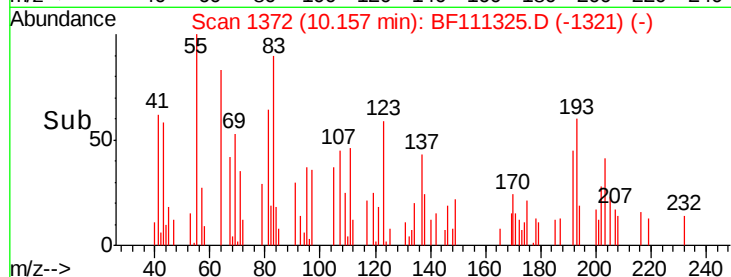
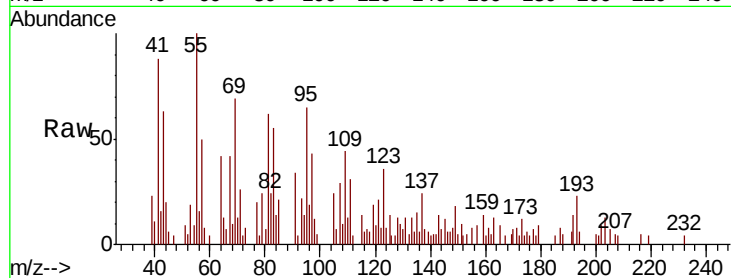




#59
2,3,4,6-Tetrachlorophenol
Concen: 0.017 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

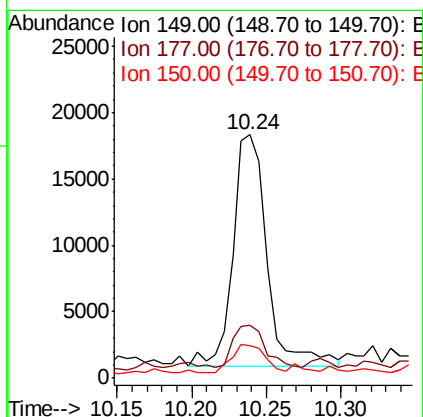
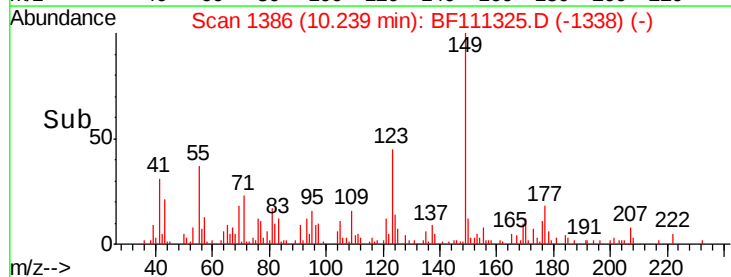
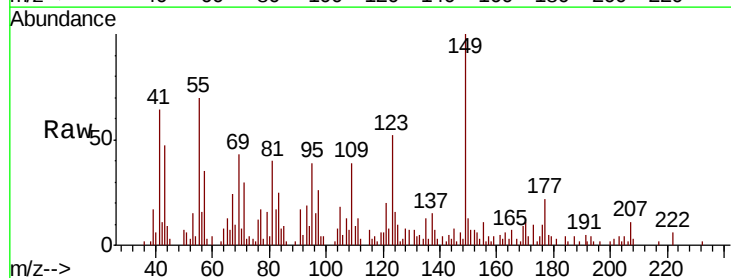
Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

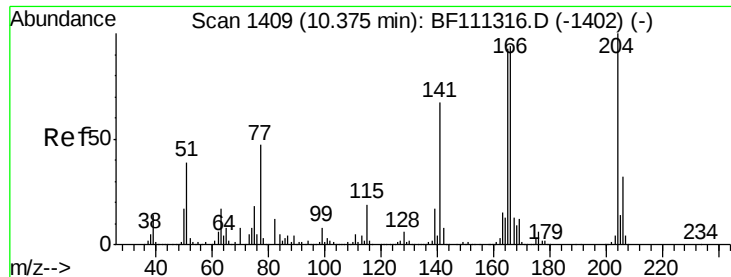
Tgt Ion: 232 Resp: 133
Ion Ratio Lower Upper
232 100
131 691.7 40.9 61.3#
130 0.0 2.0 3.0#
166 0.0 26.8 40.2#



#60
Diethylphthalate
Concen: 0.803 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion: 149 Resp: 27945
Ion Ratio Lower Upper
149 100
177 21.8 18.3 27.5
150 13.5 10.6 15.8





#61

4-Chlorophenyl-phenylether

Concen: 0.011 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.02 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

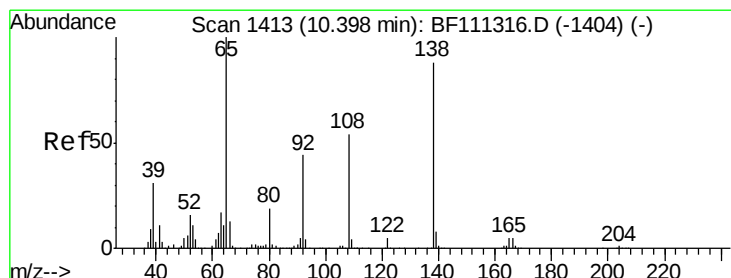
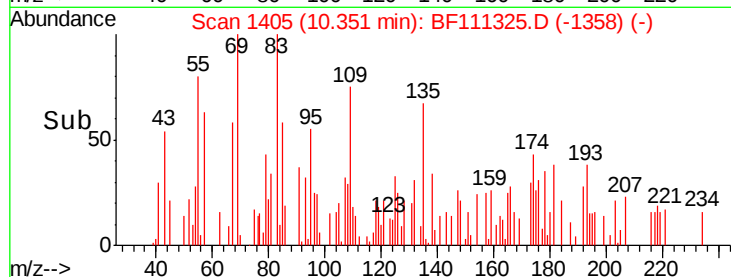
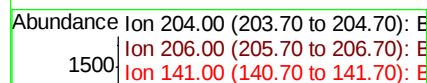
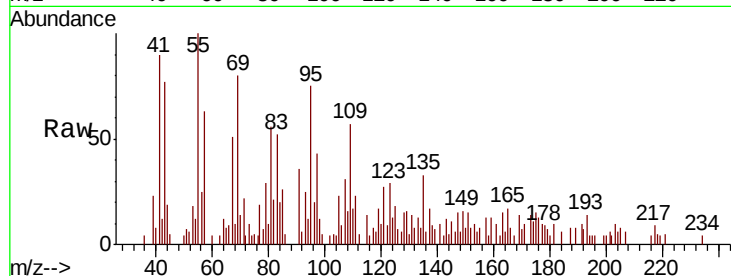
Tgt Ion:204 Resp: 162

Ion Ratio Lower Upper

204 100

206 0.0 26.6 39.8#

141 185.4 52.6 78.8#



#62

4-Nitroaniline

Concen: 0.079 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

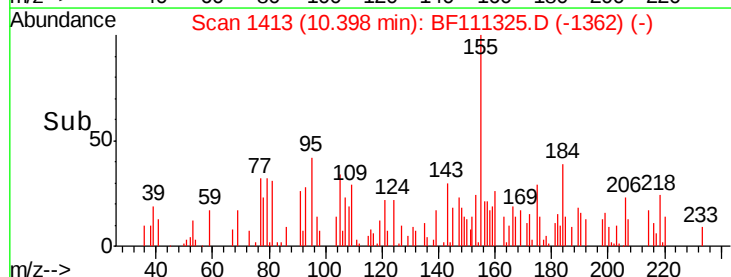
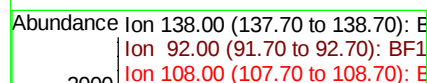
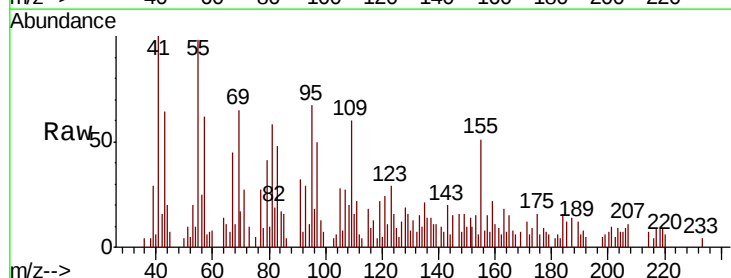
Tgt Ion:138 Resp: 696

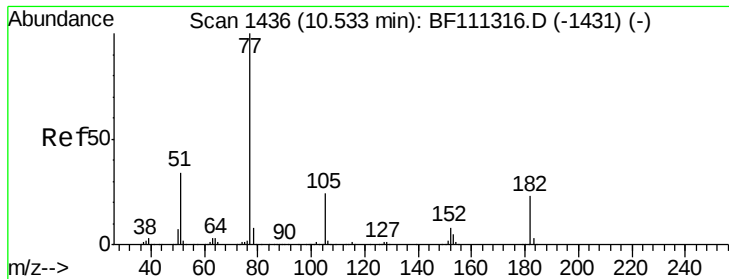
Ion Ratio Lower Upper

138 100

92 68.0 29.9 69.9

108 192.3 43.2 83.2#

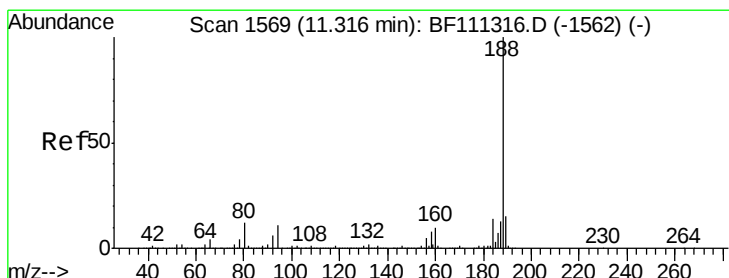
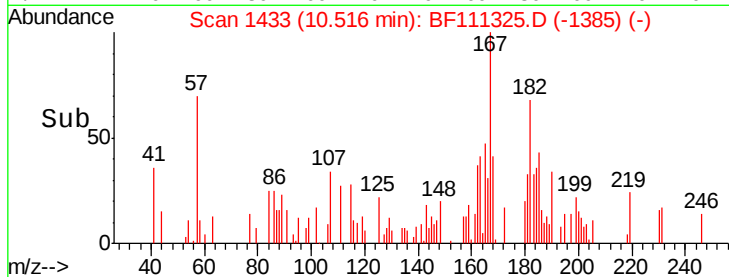
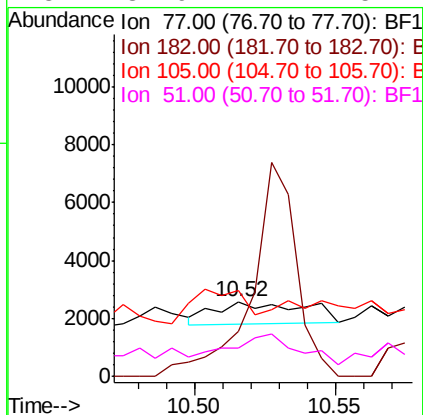
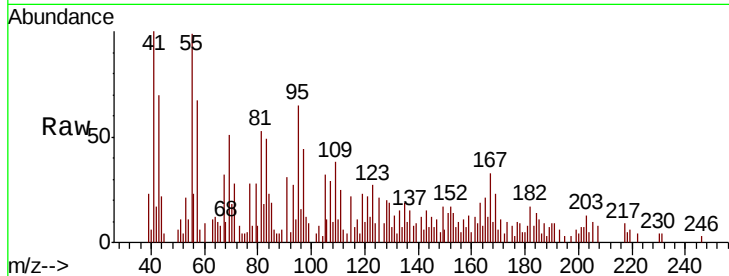




#63
Azobenzene
Concen: 0.048 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

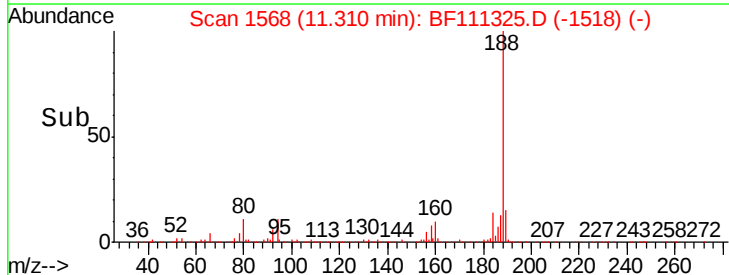
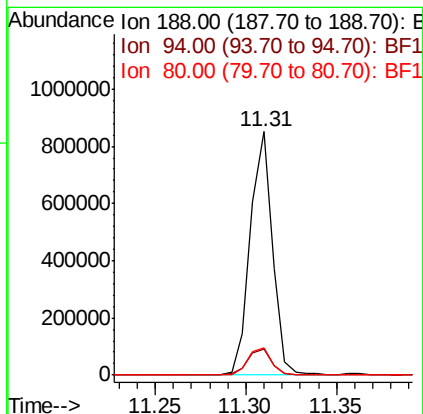
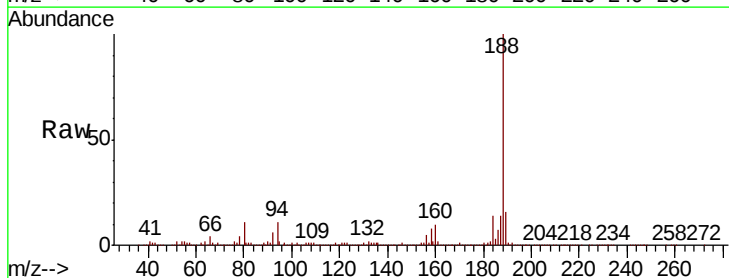
Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

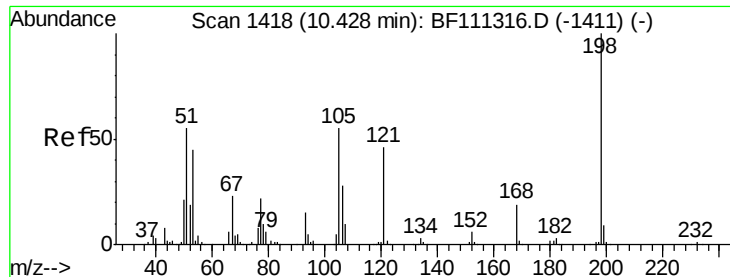
Tgt Ion: 77 Resp: 1678
Ion Ratio Lower Upper
77 100
182 61.1 4.9 44.9#
105 115.9 6.0 46.0#
51 37.9 14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion: 188 Resp: 729184
Ion Ratio Lower Upper
188 100
94 10.8 9.6 14.4
80 11.2 9.8 14.6

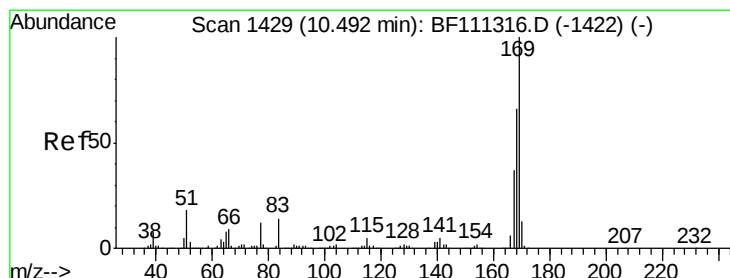
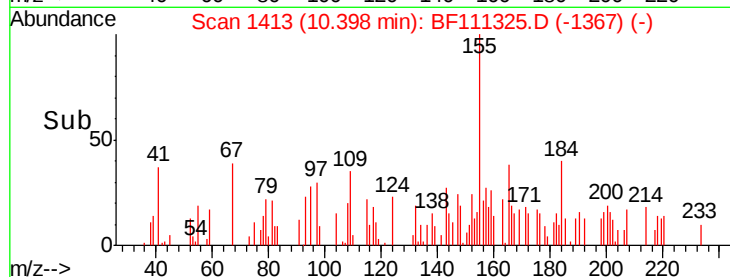
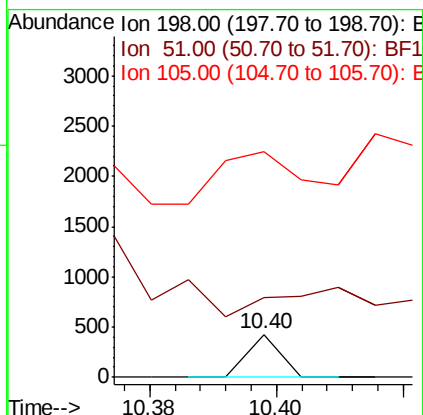
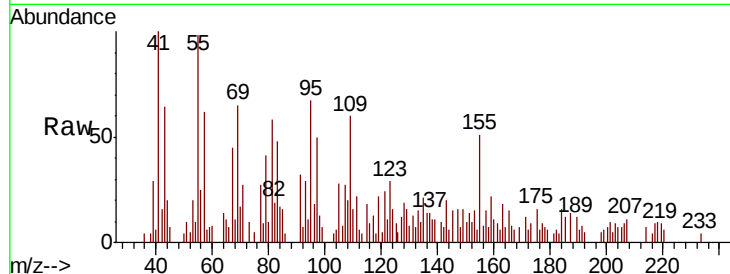




#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.036 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.03 min
 Lab File: BF111325.D
 Acq: 12 Dec 2018 16:58

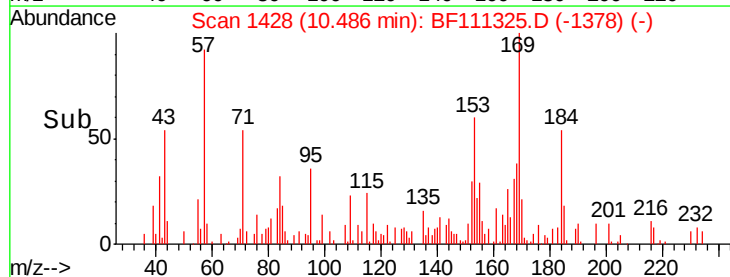
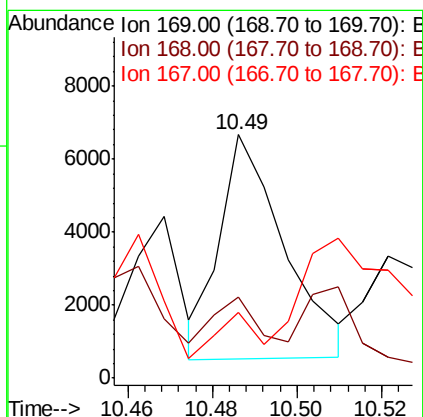
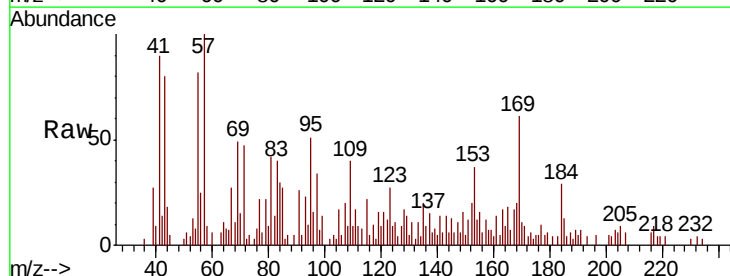
Instrument :
 BNA_F
 ClientSampleId :
 SB-2(15-17)

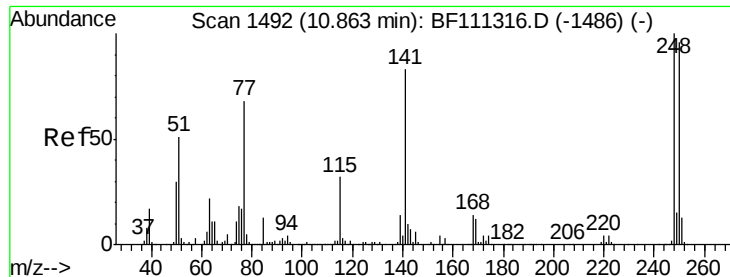
Tgt Ion:198 Resp: 150
 Ion Ratio Lower Upper
 198 100
 51 186.8 48.0 88.0#
 105 529.7 34.0 74.0#



#66
 n-Nitrosodiphenylamine
 Concen: 0.251 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF111325.D
 Acq: 12 Dec 2018 16:58

Tgt Ion:169 Resp: 6512
 Ion Ratio Lower Upper
 169 100
 168 33.4 54.4 81.6#
 167 27.2 30.5 45.7#

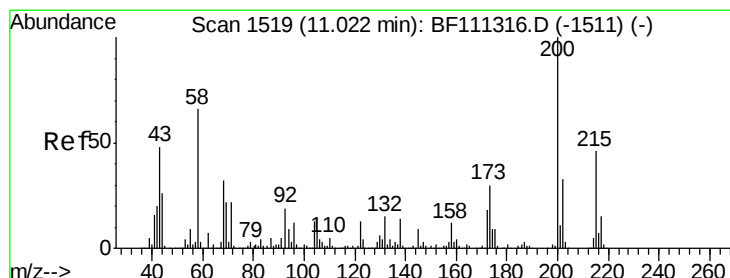
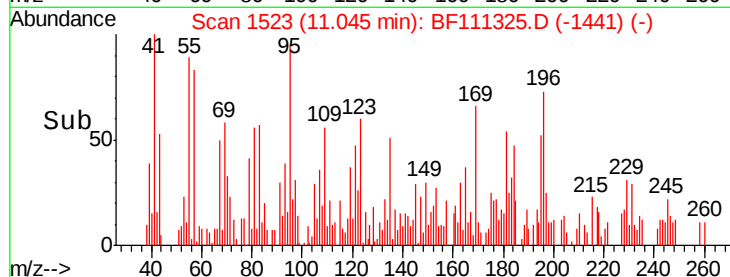
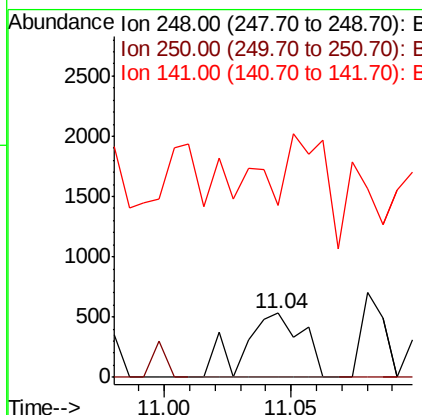
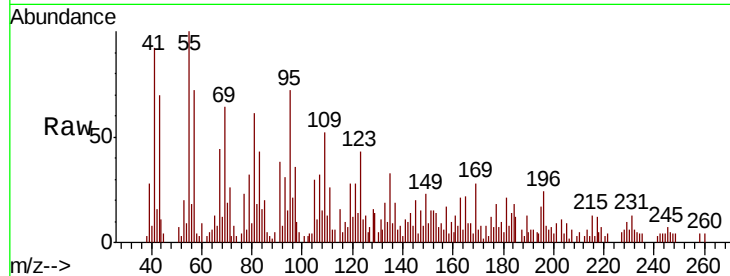




#67
4-Bromophenyl-phenylether
Concen: 0.107 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.18 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

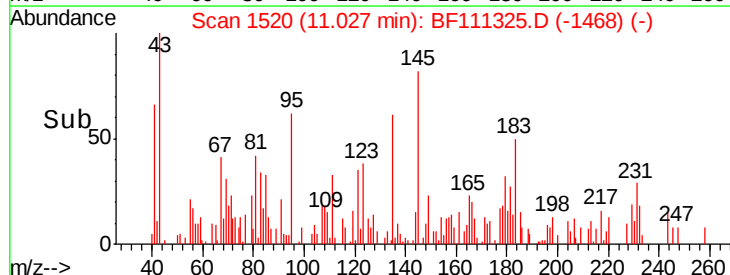
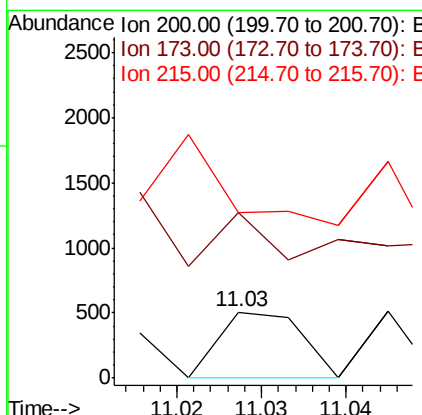
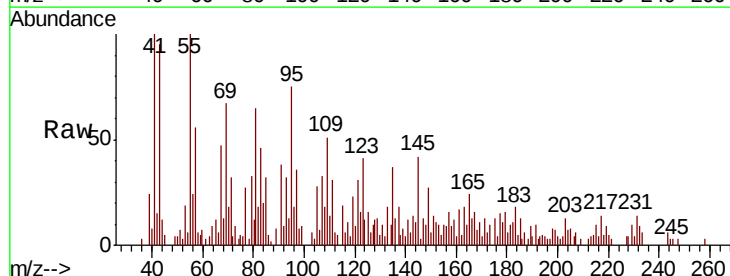
Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

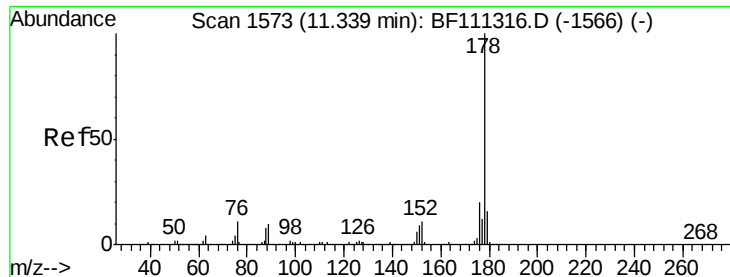
Tgt Ion:248 Resp: 867
Ion Ratio Lower Upper
248 100
250 0.0 77.0 115.4#
141 268.5 63.0 94.6#



#69
Atrazine
Concen: 0.046 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion:200 Resp: 343
Ion Ratio Lower Upper
200 100
173 252.3 10.1 50.1#
215 251.3 26.9 66.9#

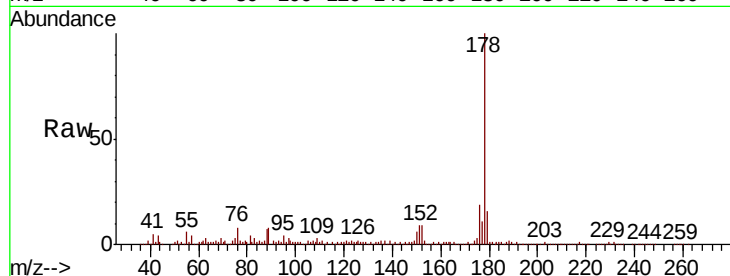




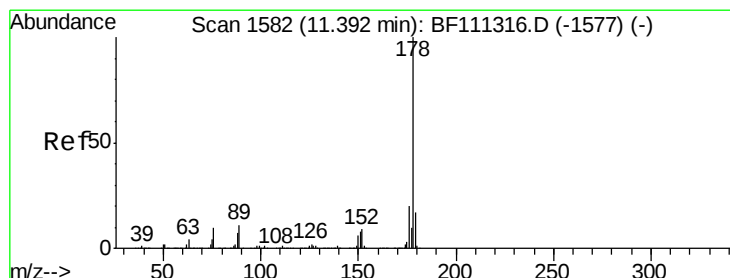
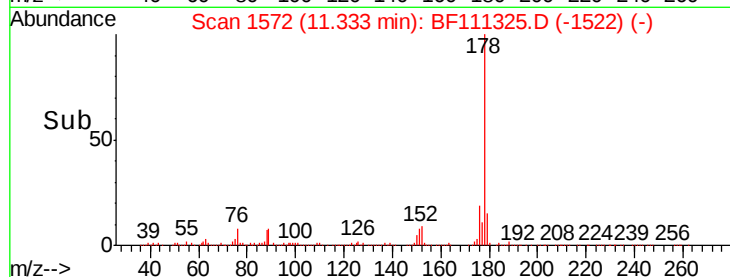
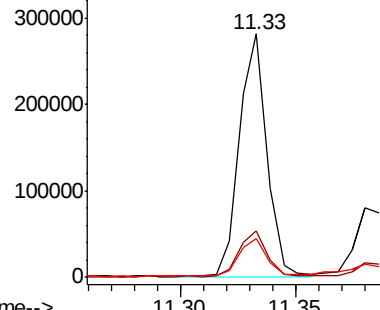
#71
Phenanthrene
Concen: 6.165 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

Tgt Ion:178 Resp: 232350
Ion Ratio Lower Upper
178 100
176 18.9 18.1 27.1
179 16.1 14.0 21.0

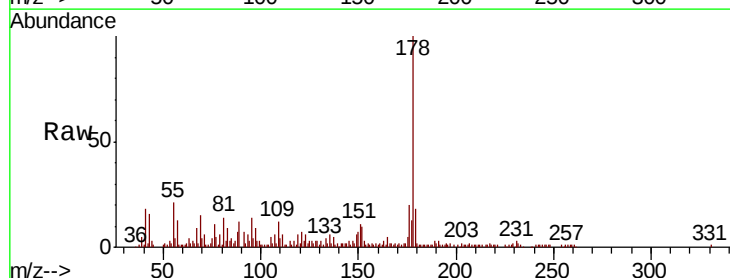


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

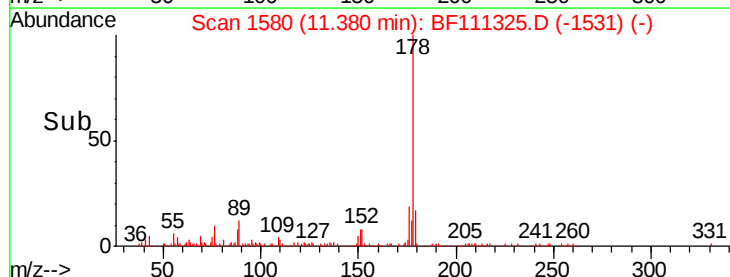
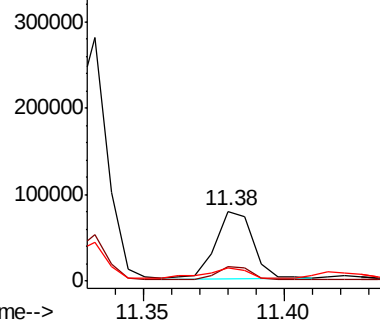


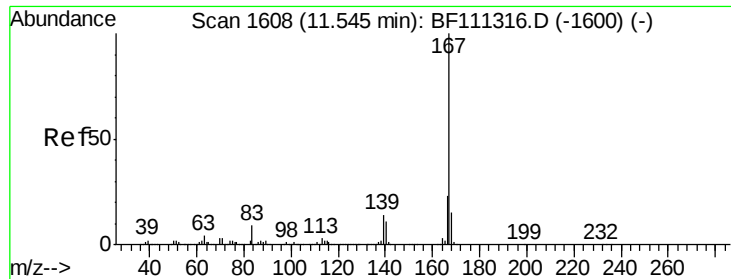
#72
Anthracene
Concen: 1.872 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion:178 Resp: 71835
Ion Ratio Lower Upper
178 100
176 19.9 17.2 25.8
179 18.1 13.8 20.8



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

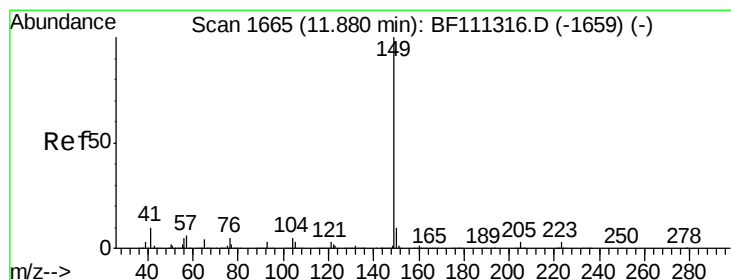
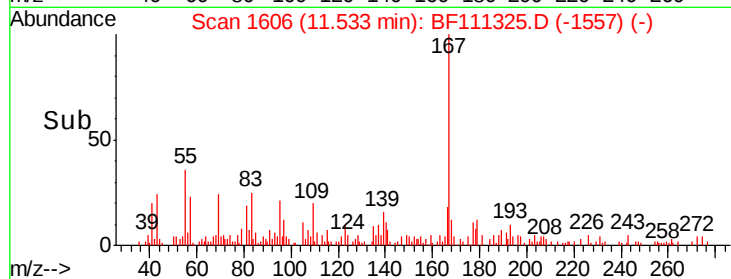
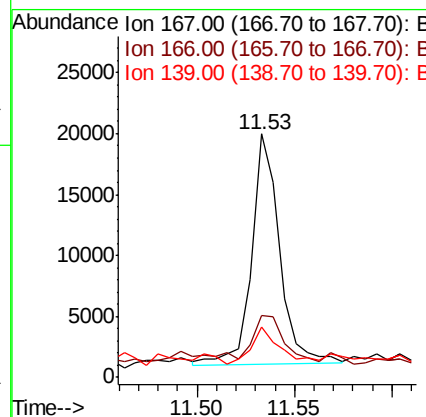
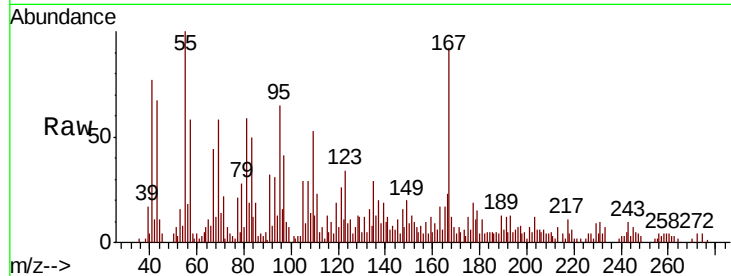




#73
 Carbazole
 Concen: 0.475 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF111325.D
 Acq: 12 Dec 2018 16:58

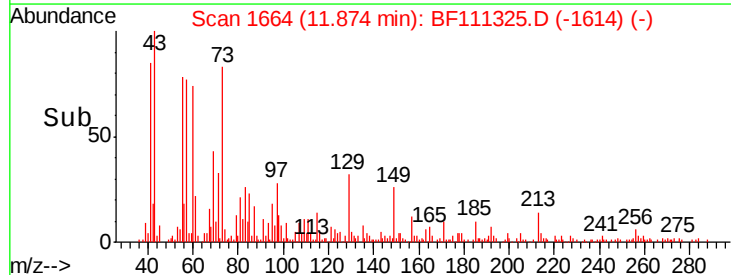
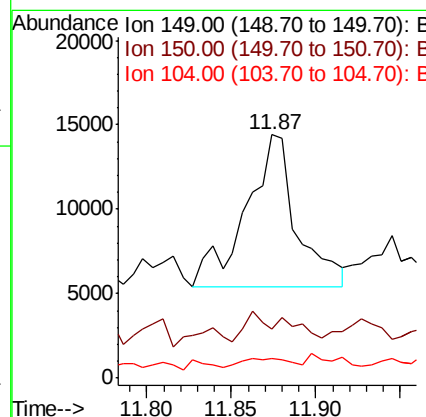
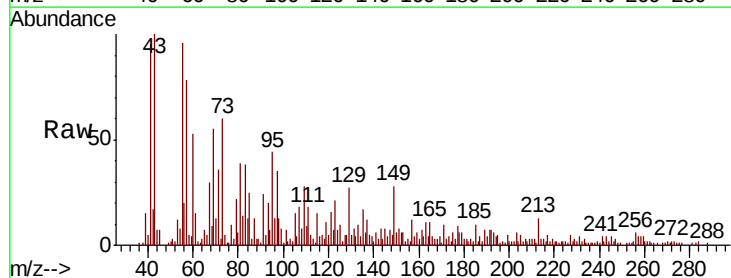
Instrument :
 BNA_F
 ClientSampleId :
 SB-2(15-17)

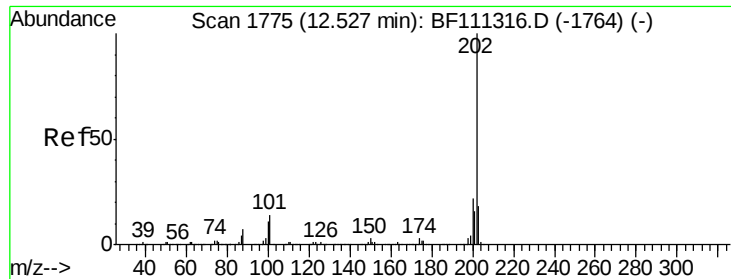
Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.3	19.3	28.9
139	20.5	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 0.421 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF111325.D
 Acq: 12 Dec 2018 16:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	20.0	8.8	13.2
104	7.9	4.5	6.7





#75

Fluoranthene

Concen: 7.142 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

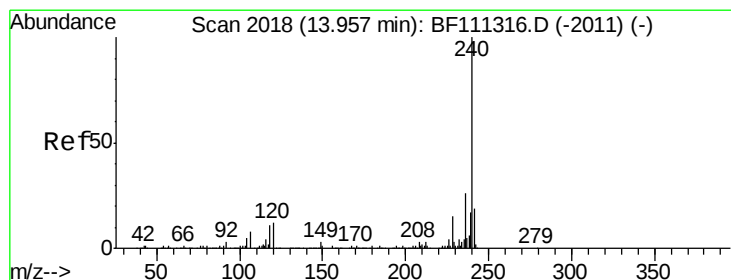
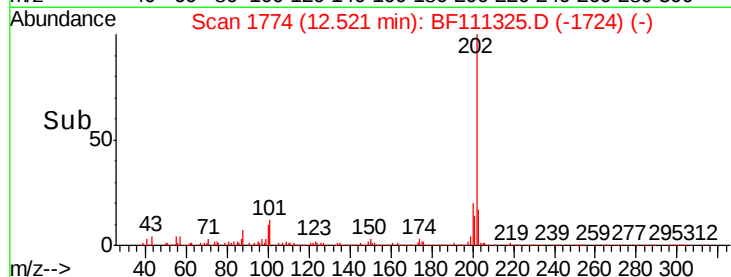
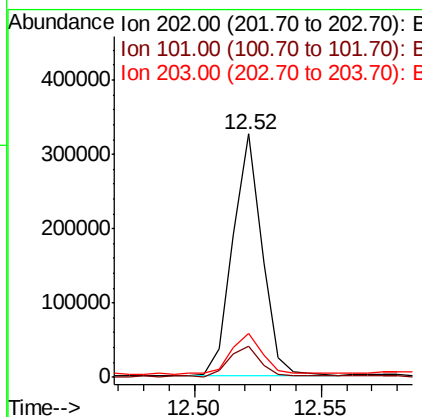
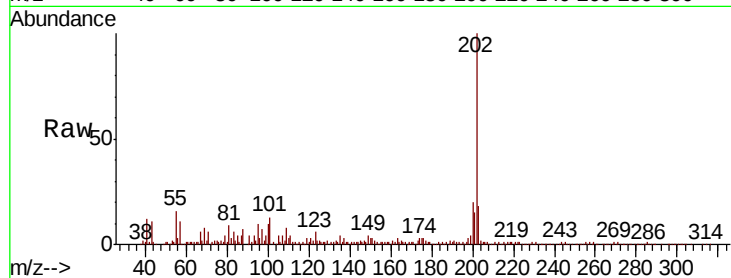
Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

Tgt Ion:	202	Resp:	262794
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.8
203	18.3	0.0	38.6



#76

Chrysene-d12

Concen: 20.000 ng

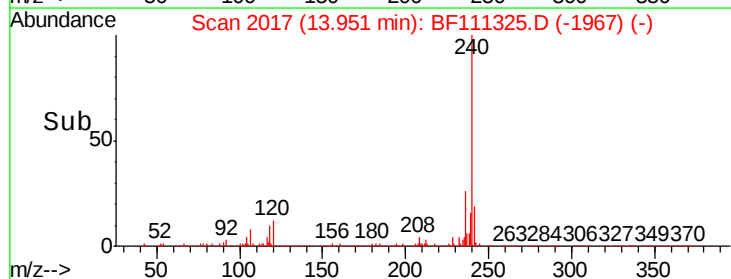
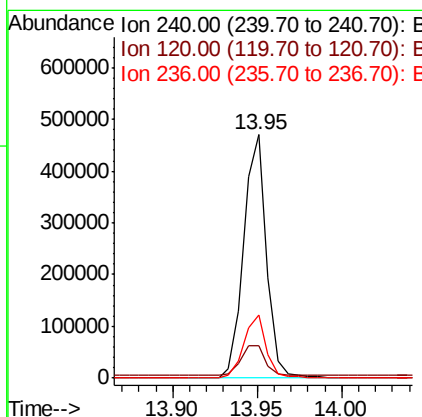
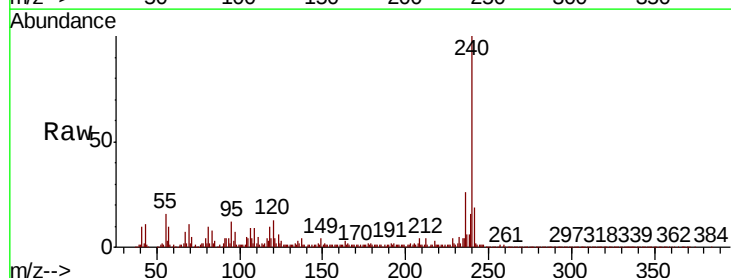
RT: 13.95 min Scan# 2017

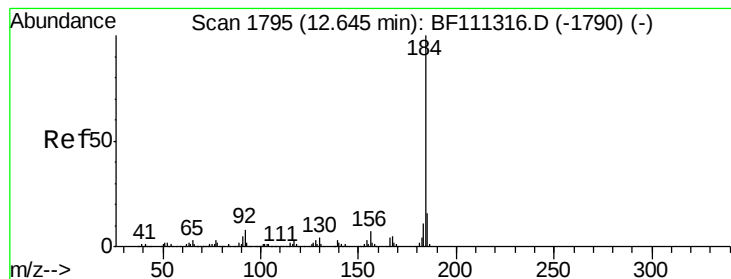
Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Tgt Ion:	240	Resp:	441177
Ion	Ratio	Lower	Upper
240	100		
120	13.5	12.2	18.2
236	26.0	20.2	30.2





#77

Benzidine

Concen: 0.310 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

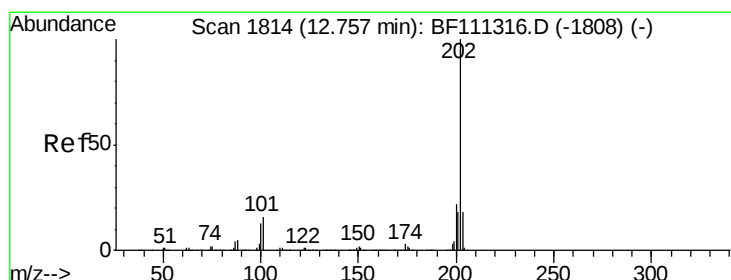
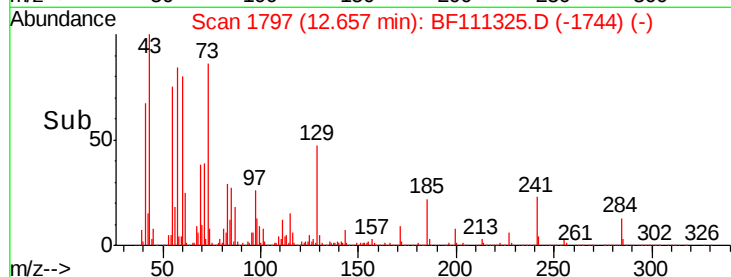
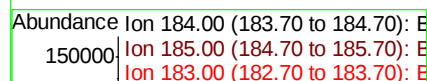
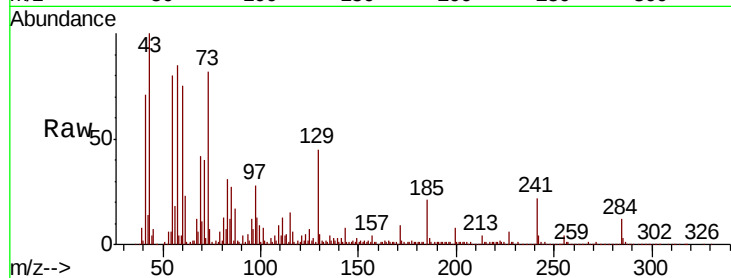
Tgt Ion:184 Resp: 2582

Ion Ratio Lower Upper

184 100

185 5281.7 13.0 19.6#

183 209.7 9.3 13.9#



#78

Pyrene

Concen: 7.208 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

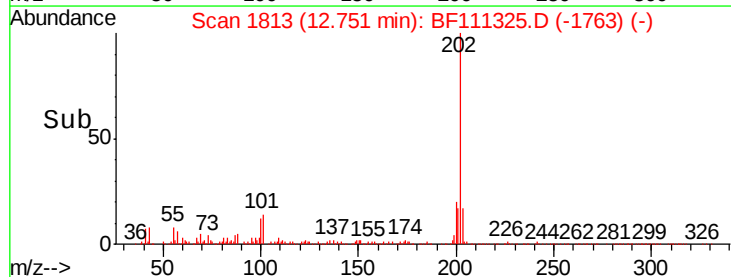
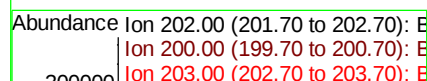
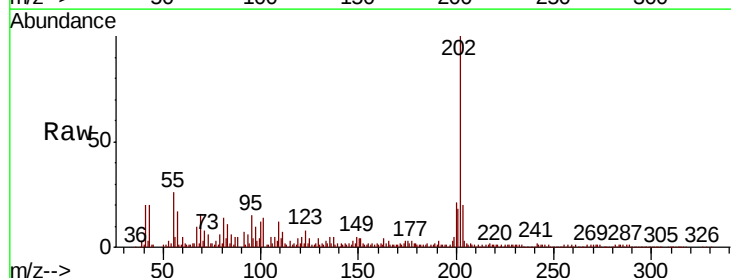
Tgt Ion:202 Resp: 245419

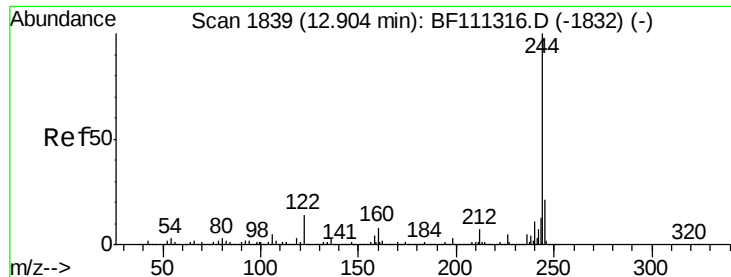
Ion Ratio Lower Upper

202 100

200 20.6 19.0 28.4

203 19.5 15.2 22.8





#79

Terphenyl-d14

Concen: 59.113 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

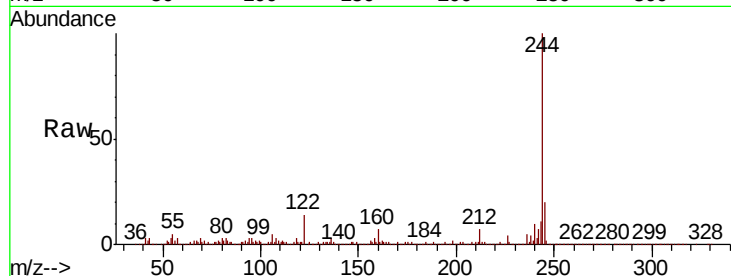
Tgt Ion:244 Resp: 1184927

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

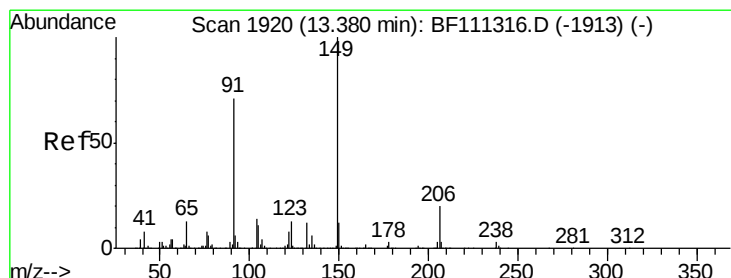
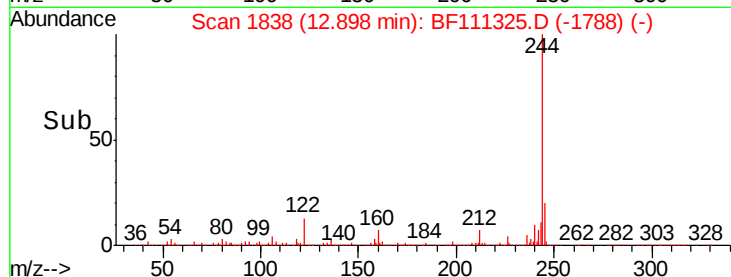
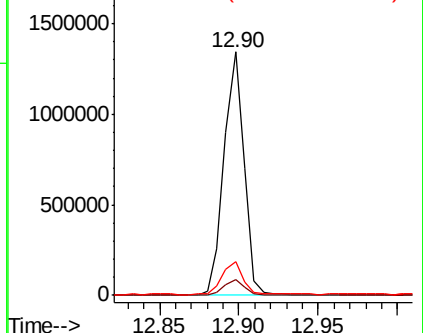
122 13.6 13.1 19.7



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: 0.492 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

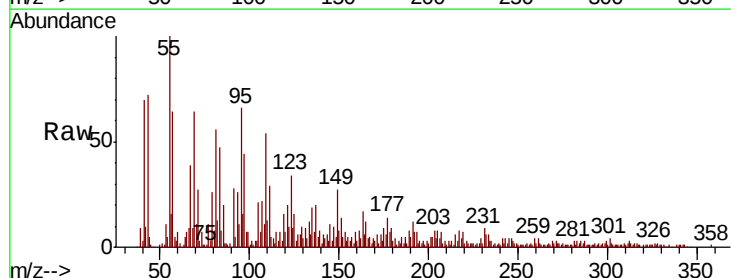
Tgt Ion:149 Resp: 8036

Ion Ratio Lower Upper

149 100

91 102.5 63.8 95.6#

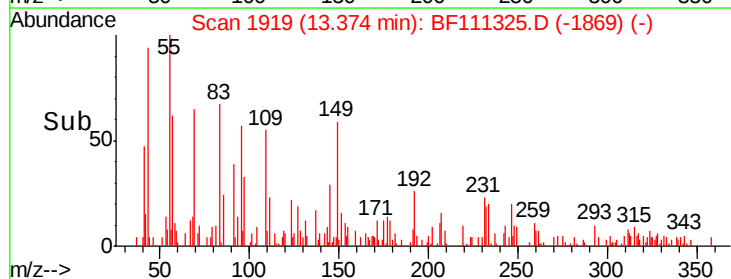
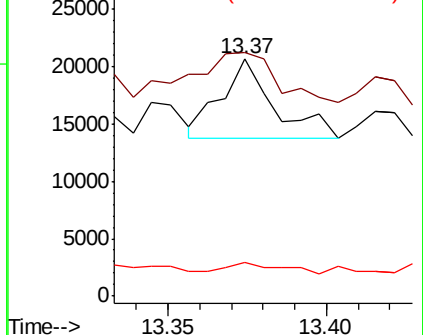
206 14.2 15.1 22.7#

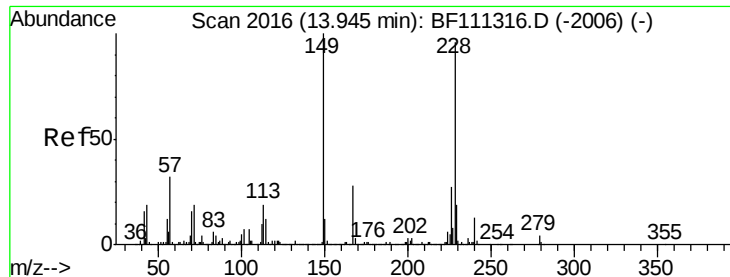


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 4.289 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

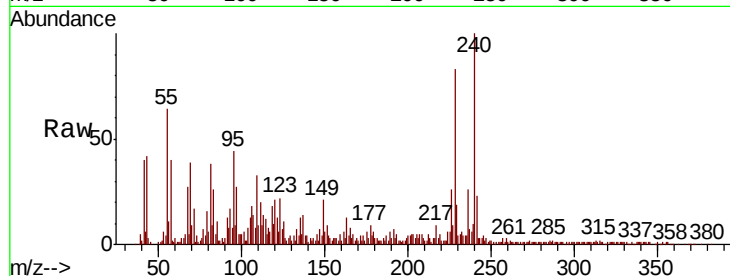
Tgt Ion:228 Resp: 105868

Ion Ratio Lower Upper

228 100

226 31.3 22.6 34.0

229 23.0 16.3 24.5

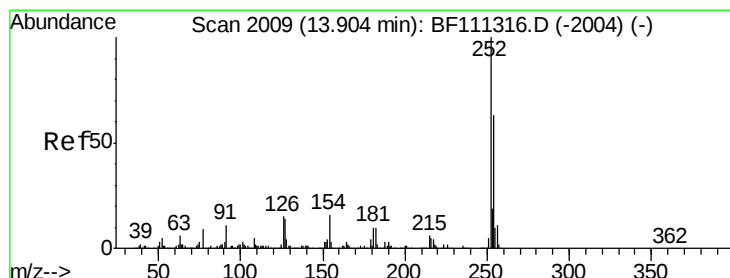
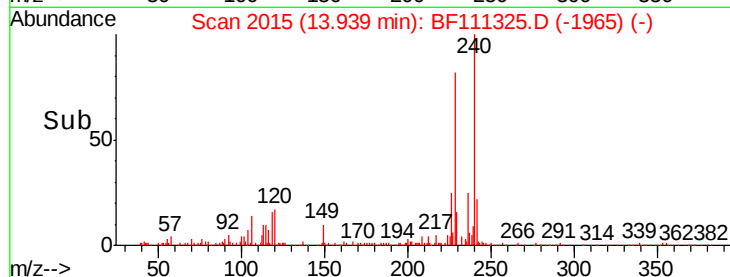
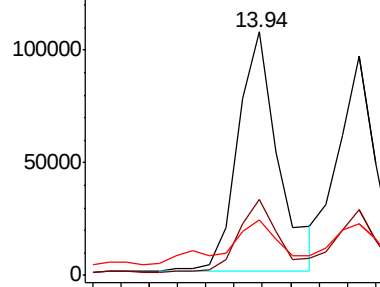


Abundance

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: 0.110 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

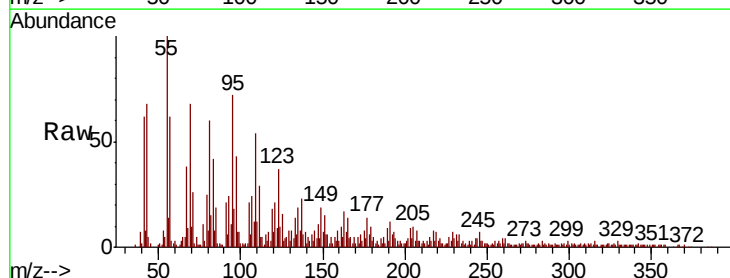
Tgt Ion:252 Resp: 1026

Ion Ratio Lower Upper

252 100

254 57.9 52.7 79.1

126 224.3 11.1 16.7#

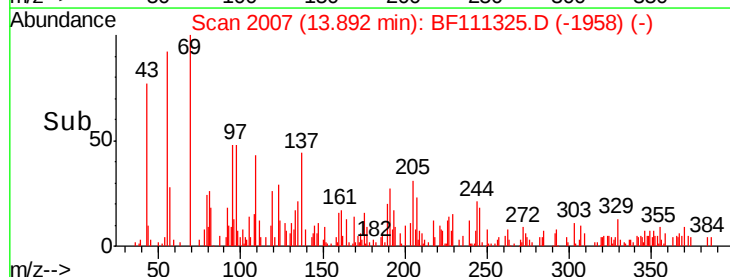
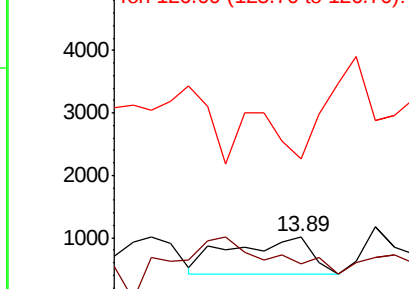


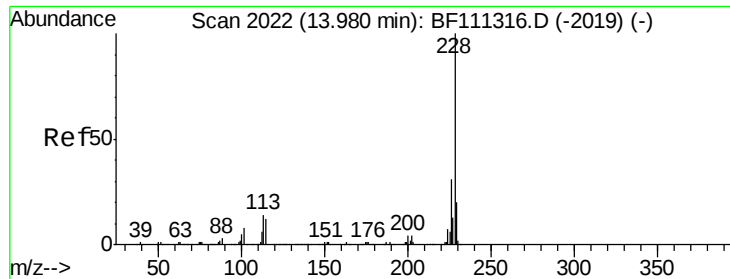
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

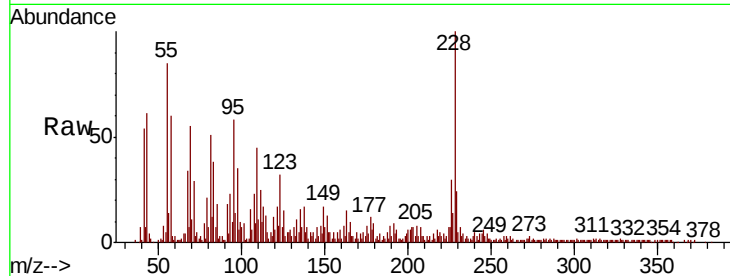




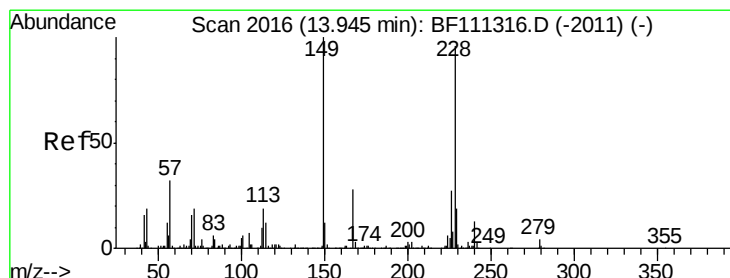
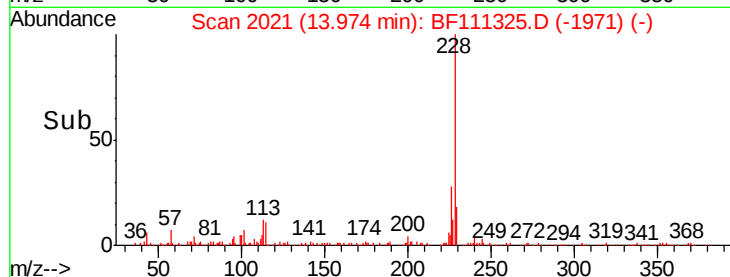
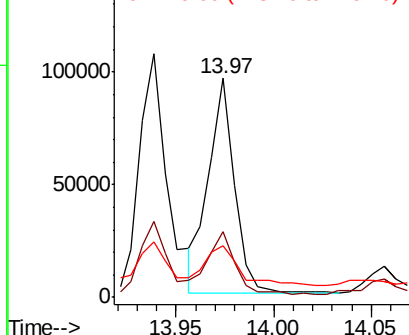
#83
Chrysene
Concen: 3.593 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

Tgt Ion:228 Resp: 90480
Ion Ratio Lower Upper
228 100
226 29.8 25.3 37.9
229 23.6 17.2 25.8

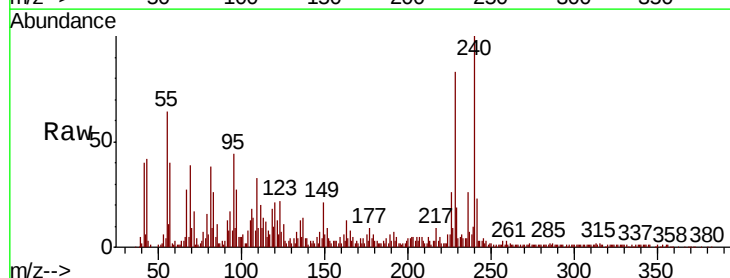


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

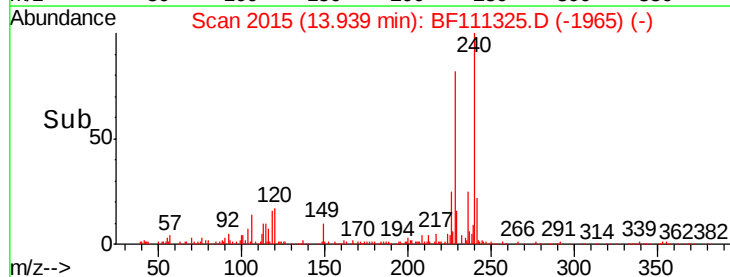
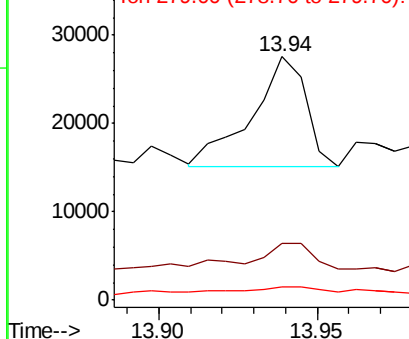


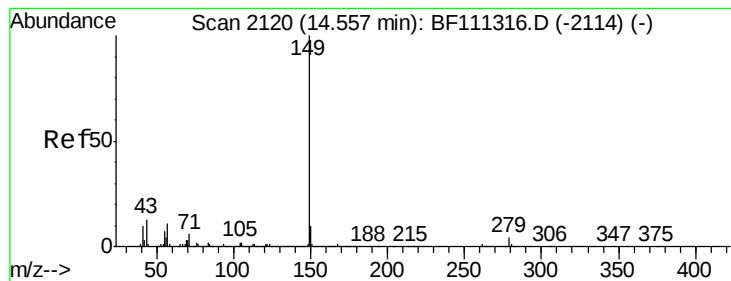
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.742 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion:149 Resp: 14825
Ion Ratio Lower Upper
149 100
167 23.6 22.5 33.7
279 5.6 2.6 4.0#



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: 0.034 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

Instrument :

BNA_F

ClientSampleId :

SB-2(15-17)

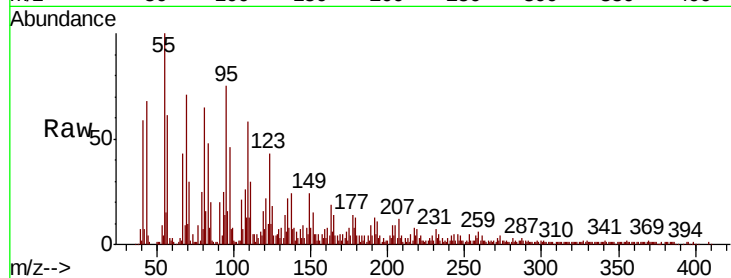
Tgt Ion:149 Resp: 1115

Ion Ratio Lower Upper

149 100

167 126.9 1.3 1.9#

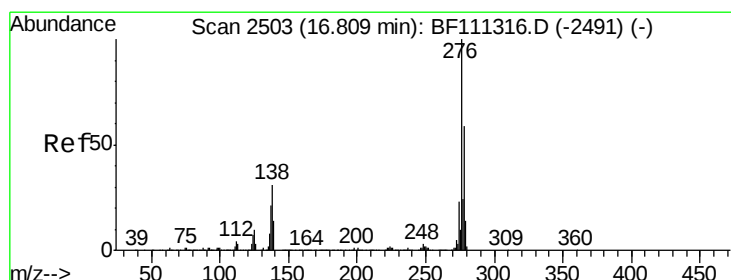
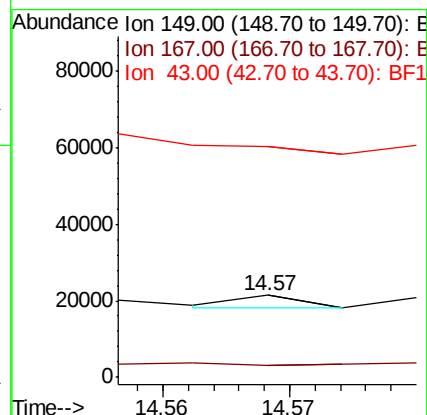
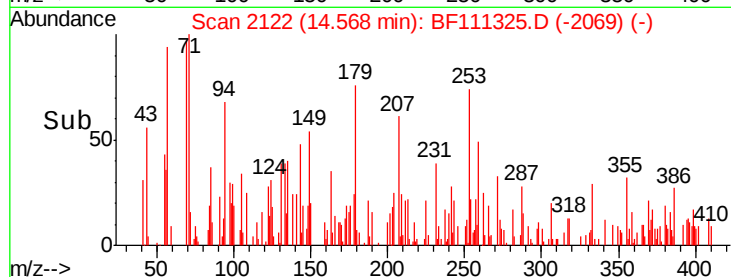
43 0.0 10.9 16.3#



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: 2.217 ng

RT: 16.81 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BF111325.D

Acq: 12 Dec 2018 16:58

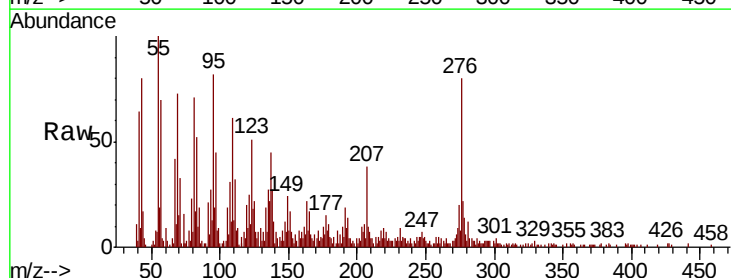
Tgt Ion:276 Resp: 43670

Ion Ratio Lower Upper

276 100

138 33.8 27.8 41.6

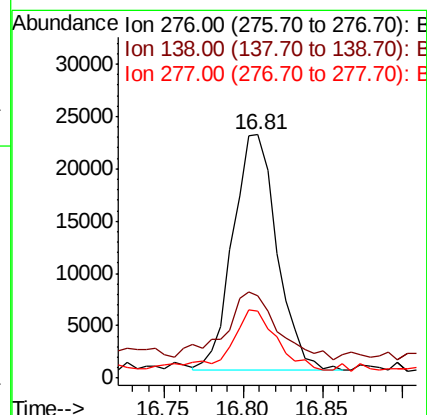
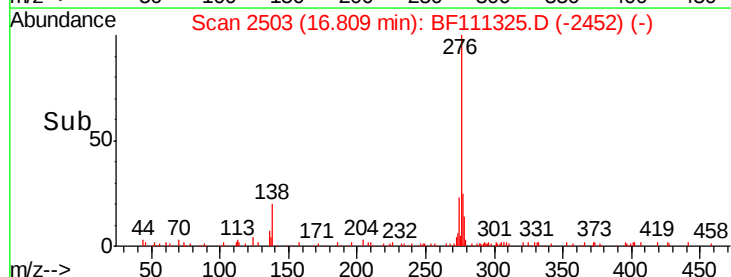
277 27.6 20.1 30.1

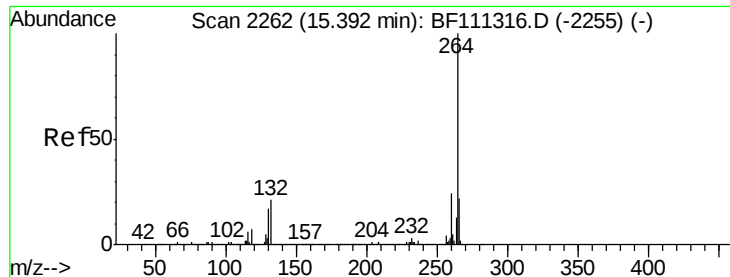


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

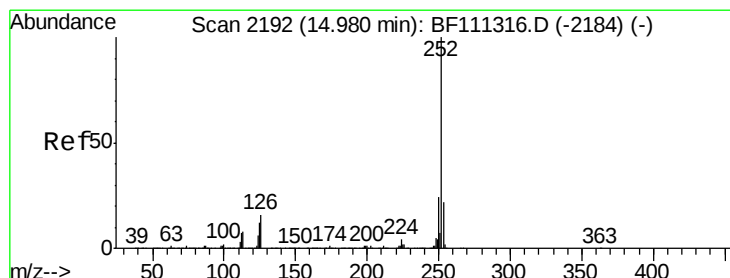
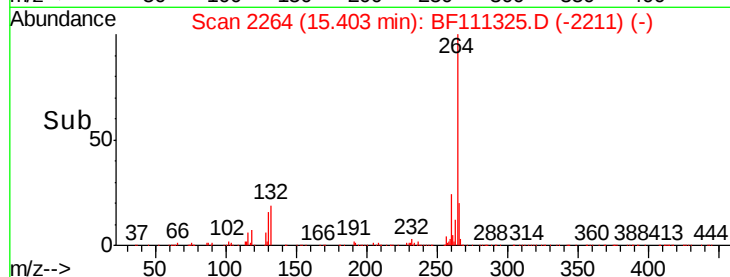
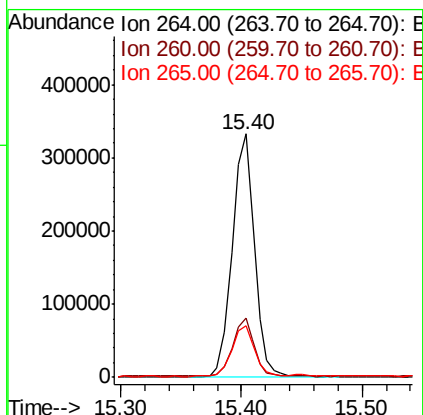
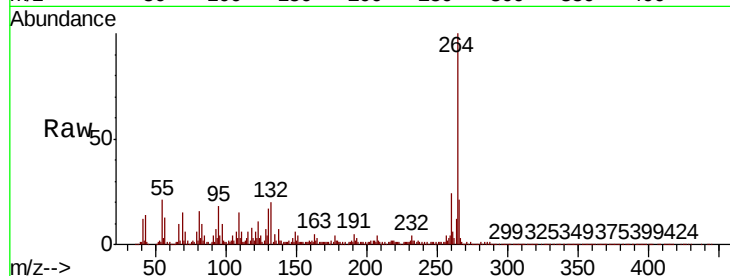




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

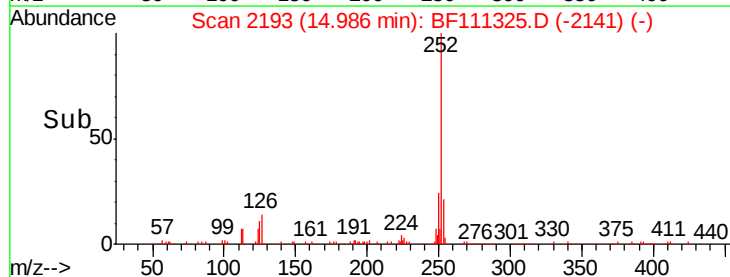
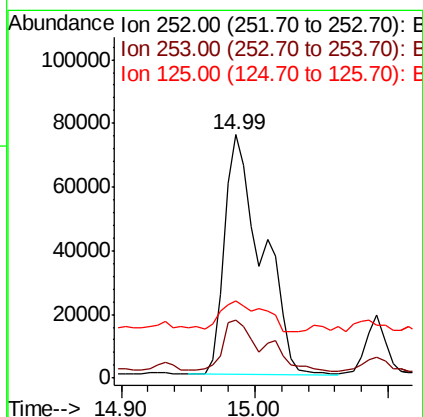
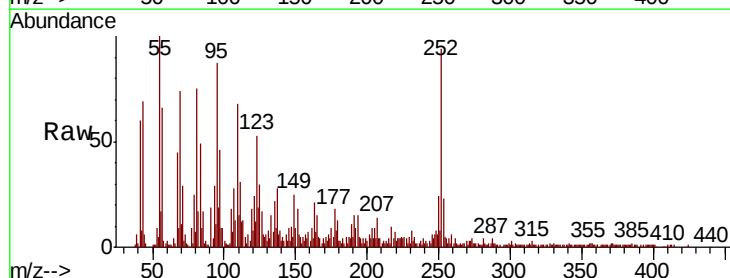
Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

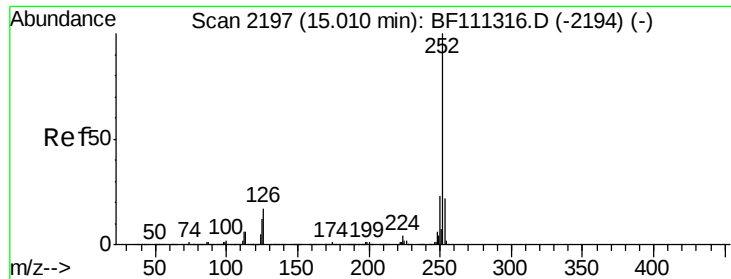
Tgt Ion: 264 Resp: 425822
Ion Ratio Lower Upper
264 100
260 24.2 18.3 27.5
265 21.0 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 6.129 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion: 252 Resp: 148399
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.2
125 31.8 10.4 15.6#

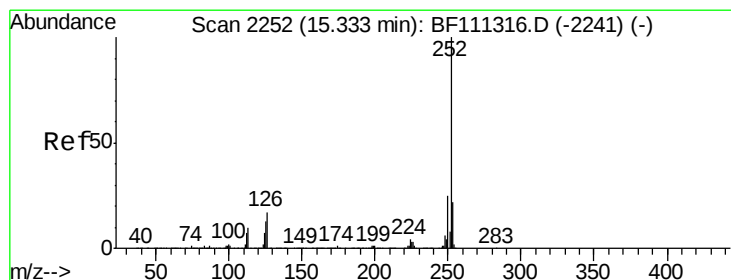
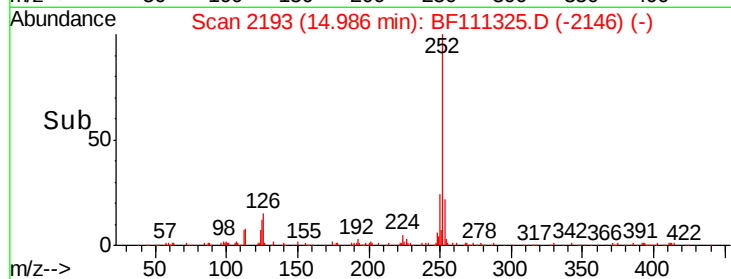
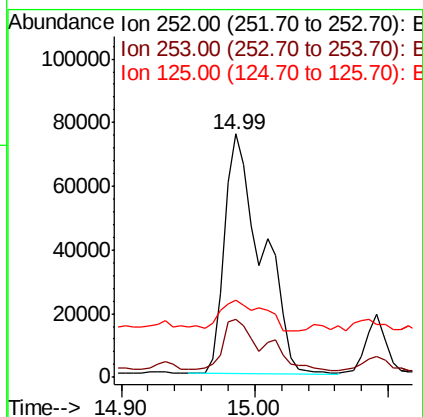
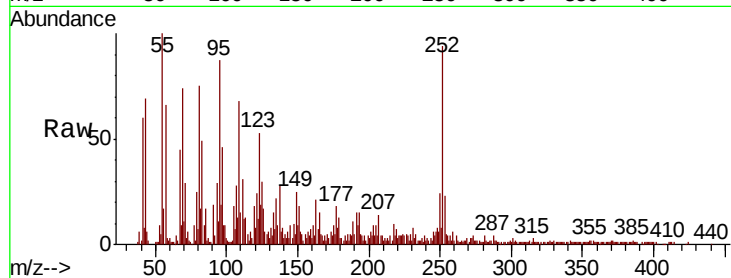




#89
Benzo(k)fluoranthene
Concen: 6.140 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

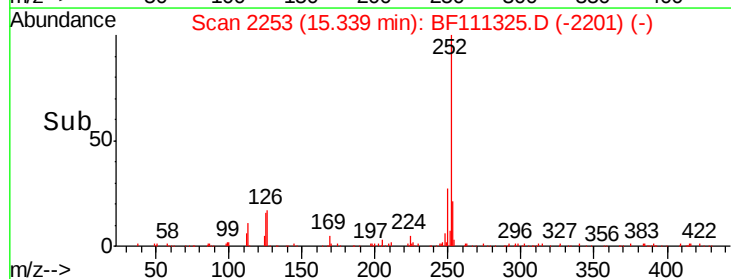
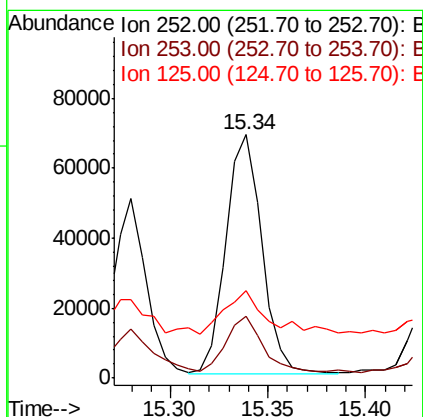
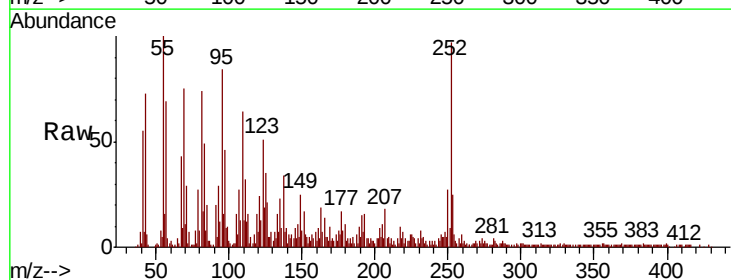
Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

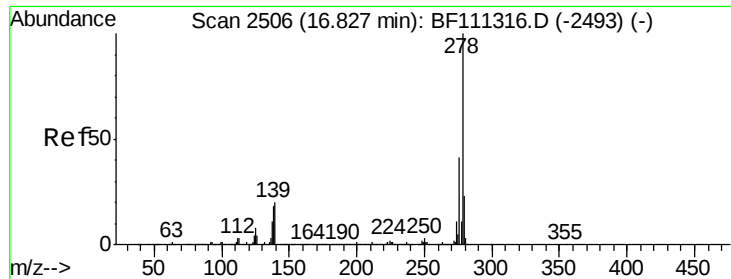
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	31.8	9.8	14.8



#90
Benzo(a)pyrene
Concen: 3.870 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.8	26.8
125	35.8	12.3	18.5

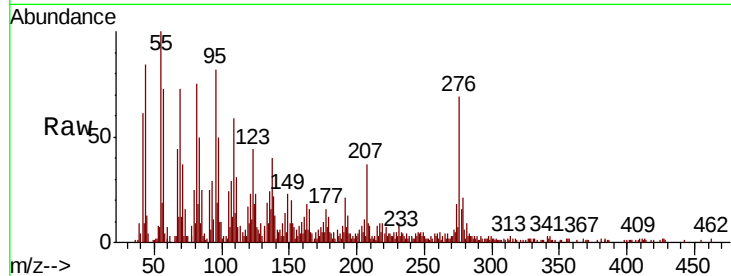




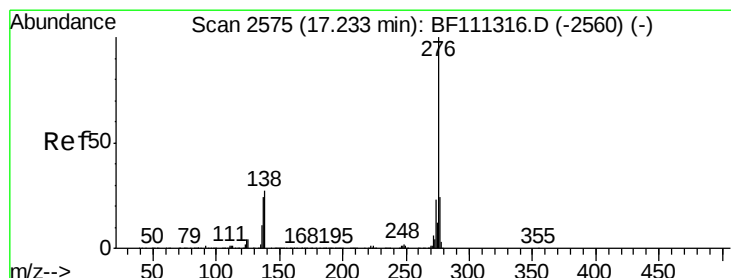
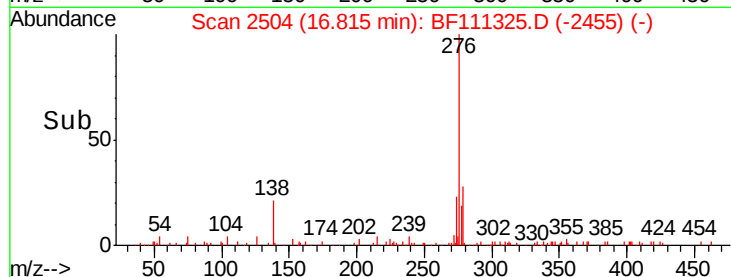
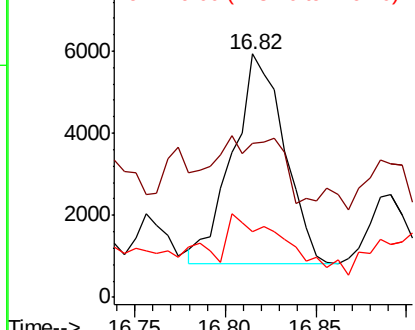
#91
Dibenzo(a,h)anthracene
Concen: 0.541 ng
RT: 16.82 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Instrument :
BNA_F
ClientSampleId :
SB-2(15-17)

Tgt Ion: 278 Resp: 10143
Ion Ratio Lower Upper
278 100
139 63.2 18.2 27.4#
279 27.1 19.0 28.6

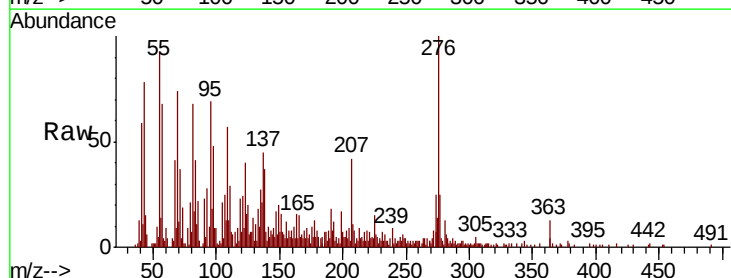


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.929 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF111325.D
Acq: 12 Dec 2018 16:58

Tgt Ion: 276 Resp: 54935
Ion Ratio Lower Upper
276 100
277 25.3 19.2 28.8
138 37.0 24.9 37.3



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

