

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111326.D
 Acq On : 12 Dec 2018 17:26
 Operator : JU/SJ
 Sample : J6214-41RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(0-2)

Quant Time: Dec 13 01:18:13 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	289141	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1193714	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	528650	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	766856	20.00	ng	0.00
76) Chrysene-d12	13.95	240	464517	20.00	ng	0.00
87) Perylene-d12	15.39	264	452582	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	2017232	117.98	ng	0.00
7) Phenol-d6	6.43	99	2642073	114.61	ng	0.00
23) Nitrobenzene-d5	7.35	82	1700784	80.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	367649	78.89	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2616054	79.45	ng	0.00
79) Terphenyl-d14	12.90	244	1586022	75.15	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	1438	0.168	ng	# 41
3) Pyridine	3.29	79	251	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.19	42	922	0.094	ng	# 1
6) Aniline	6.47	93	222	0.008	ng	# 1
8) 2-Chlorophenol	6.57	128	1003	0.048	ng	# 1
9) Benzaldehyde	6.43	77	5473	Below Cal		# 1
10) Phenol	6.44	94	159992	6.127	ng	87
11) bis(2-Chloroethyl)ether	6.56	93	3407	0.166	ng	# 1
12) 1,3-Dichlorobenzene	6.95	146	290	0.013	ng	# 1
13) 1,4-Dichlorobenzene	6.95	146	290	0.013	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	290	0.014	ng	# 1
15) Benzyl Alcohol	6.95	79	28242	1.600	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1177	0.030	ng	72
17) 2-Methylphenol	7.04	107	214	0.013	ng	# 32
18) Hexachloroethane	7.33	117	127	0.015	ng	# 1
19) n-Nitroso-di-n-propylamine	7.35	70	225447	14.717	ng	# 80
20) 3+4-Methylphenols	7.20	107	1214	0.060	ng	84
22) Acetophenone	7.19	105	1298	0.047	ng	# 89
24) Nitrobenzene	7.35	77	5265	0.241	ng	# 31
25) Isophorone	7.35	82	1670563	46.436	ng	# 64
27) 2,4-Dimethylphenol	7.72	122	107	0.007	ng	# 49
28) bis(2-Chloroethoxy)methane	7.65	93	109	0.004	ng	# 48
31) Naphthalene	8.09	128	25043	0.450	ng	97
32) Benzoic acid	7.77	122	267	0.020	ng	93
33) 4-Chloroaniline	8.15	127	370	0.016	ng	# 45
35) Caprolactam	8.47	113	115	0.019	ng	# 6
36) 4-Chloro-3-methylphenol	8.42	107	119	0.007	ng	# 20
37) 2-Methylnaphthalene	8.79	142	7095	0.197	ng	96
38) 1-Methylnaphthalene	8.88	142	7924	0.228	ng	93
46) 1,1'-Biphenyl	9.25	154	9881	0.219	ng	92
47) 2-Chloronaphthalene	9.36	162	115	0.003	ng	# 35
48) 2-Nitroaniline	9.49	65	484	0.043	ng	# 6
49) Acenaphthylene	9.69	152	23278	0.461	ng	# 93
50) Dimethylphthalate	9.54	163	354876	9.335	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

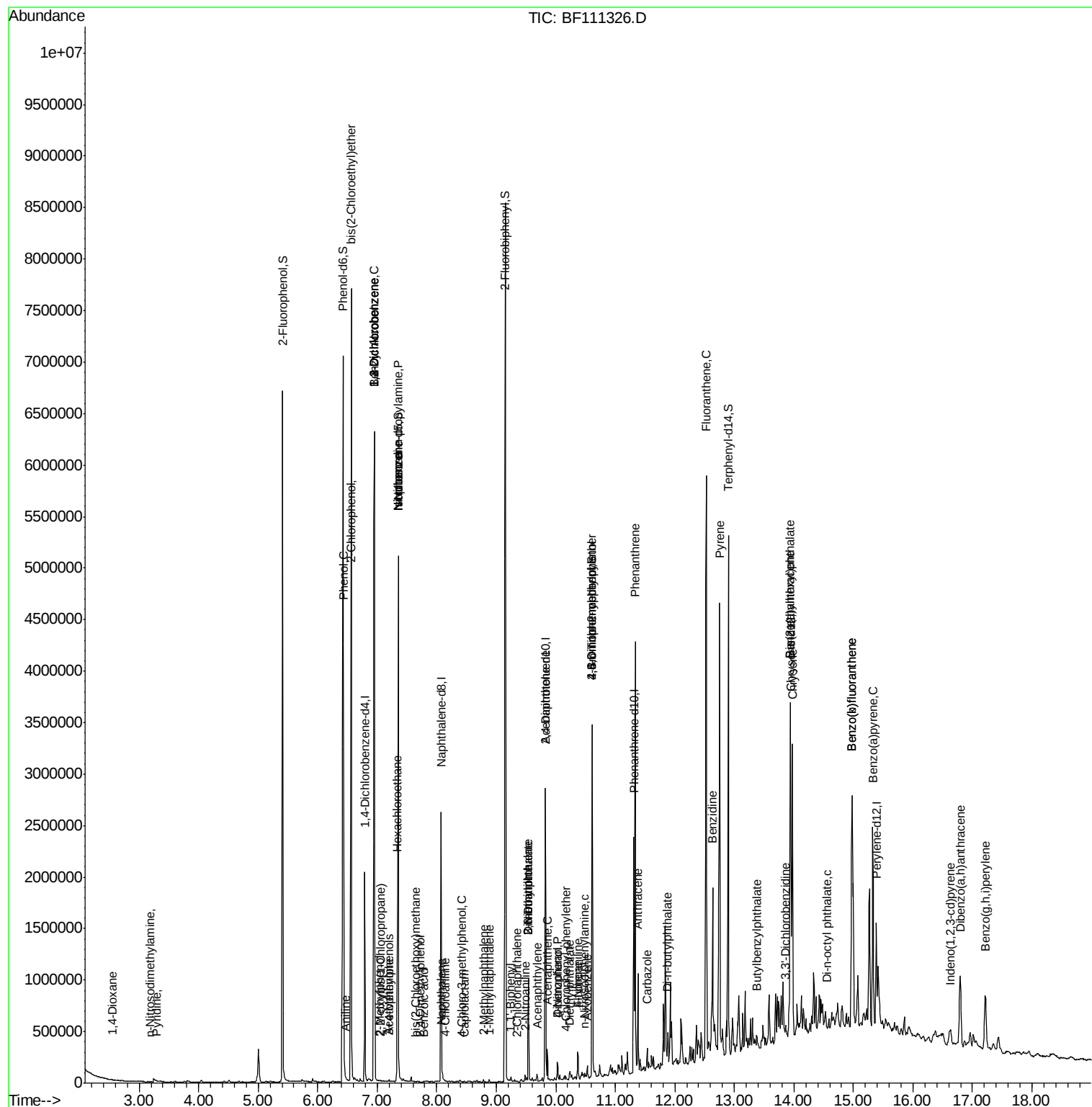
51) 2,6-Dinitrotoluene	9.54	165	3921	0.465	ng	# 1
52) Acenaphthene	9.86	154	53770	1.689	ng	94
53) 3-Nitroaniline	9.54	138	107	0.011	ng	# 1
55) Dibenzofuran	10.03	168	42380	0.922	ng	94
56) 4-Nitrophenol	10.03	139	16150	2.214	ng	# 12
57) 2,4-Dinitrotoluene	9.83	165	69933	6.475	ng	# 25
58) Fluorene	10.37	166	64754	1.970	ng	99
60) Diethylphthalate	10.23	149	23685	0.619	ng	98
61) 4-Chlorophenyl-phenylether	10.17	204	546	0.034	ng	# 55
62) 4-Nitroaniline	10.37	138	1085	0.111	ng	# 43
63) Azobenzene	10.53	77	2920	0.076	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.61	198	728	0.165	ng	# 1
66) n-Nitrosodiphenylamine	10.49	169	3203	0.117	ng	# 6
67) 4-Bromophenyl-phenylether	10.61	248	23539	2.757	ng	# 1
71) Phenanthrene	11.33	178	1511198	38.126	ng	95
72) Anthracene	11.39	178	368306	9.126	ng	94
73) Carbazole	11.53	167	88865	2.129	ng	95
74) Di-n-butylphthalate	11.87	149	14310	0.301	ng	# 94
75) Fluoranthene	12.53	202	2202272	56.914	ng	99
77) Benzidine	12.63	184	706	0.081	ng	# 1
78) Pyrene	12.75	202	1919425	53.540	ng	97
80) Butylbenzylphthalate	13.37	149	12000	0.697	ng	97
81) Benzo(a)anthracene	13.94	228	1123454	43.226	ng	99
82) 3,3'-Dichlorobenzidine	13.87	252	548	0.056	ng	# 1
83) Chrysene	13.97	228	1010242	38.098	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	98855	4.698	ng	# 97
85) Di-n-octyl phthalate	14.56	149	1293	0.037	ng	# 69
86) Indeno(1,2,3-cd)pyrene	16.64	276	85834	4.139	ng	97
88) Benzo(b)fluoranthene	14.97	252	1758760	68.340	ng	98
89) Benzo(k)fluoranthene	14.97	252	1758760	68.465	ng	97
90) Benzo(a)pyrene	15.33	252	897299	37.446	ng	98
91) Dibenzo(a,h)anthracene	16.80	278	129542	6.498	ng	95
92) Benzo(g,h,i)perylene	17.22	276	404771	20.307	ng	95

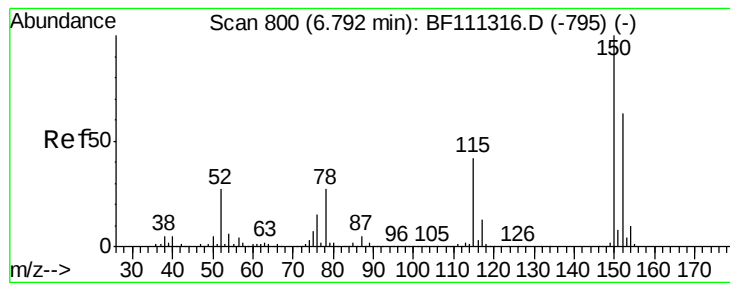
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)

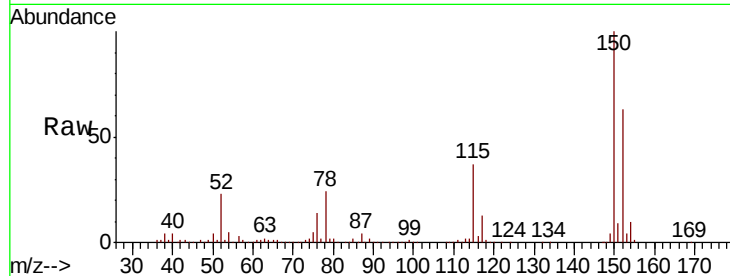
Tgt Ion:152 Resp: 289141

Ion Ratio Lower Upper

152 100

150 158.8 126.6 189.8

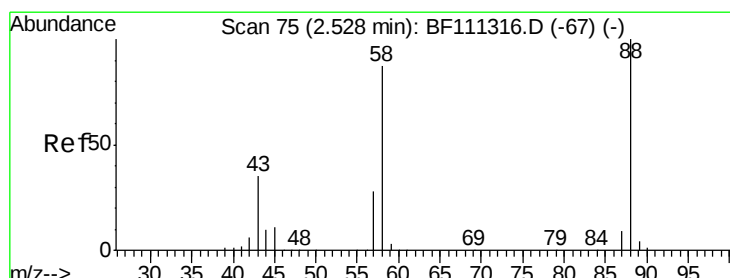
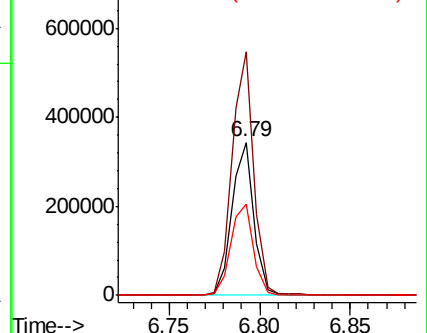
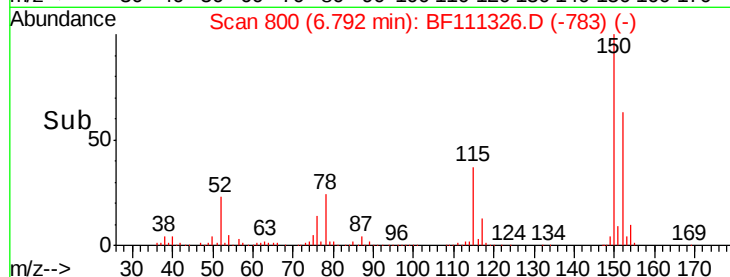
115 59.4 50.7 76.1



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



#2

1,4-Dioxane

Concen: 0.168 ng

RT: 2.56 min Scan# 80

Delta R.T. 0.03 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

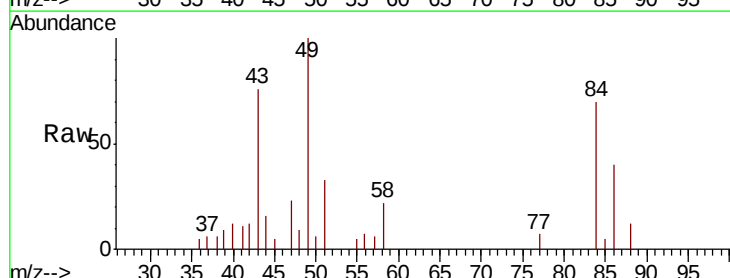
Tgt Ion: 88 Resp: 1438

Ion Ratio Lower Upper

88 100

58 44.1 68.9 103.3#

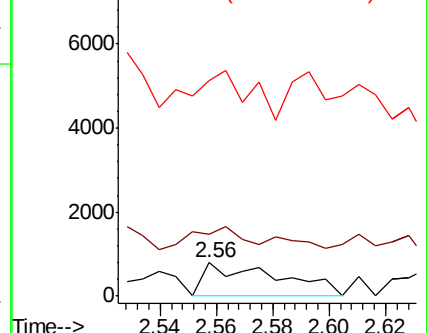
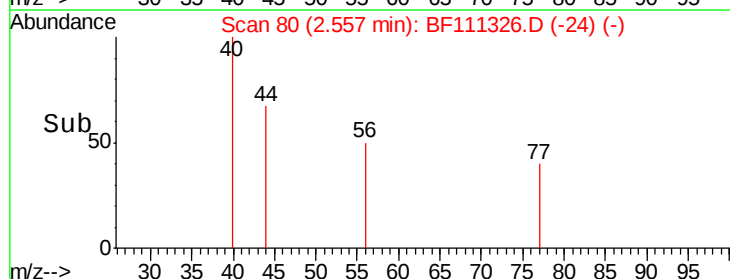
43 85.1 25.8 38.6#

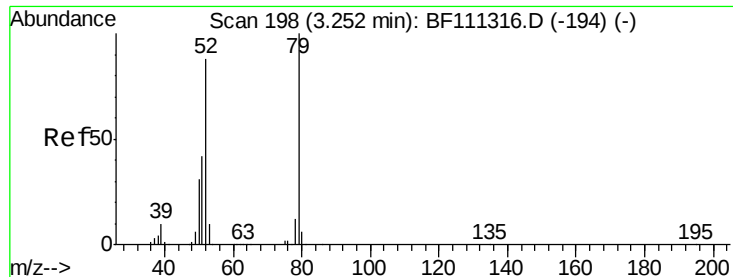


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

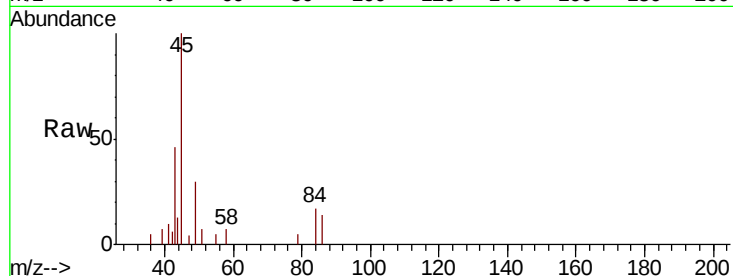




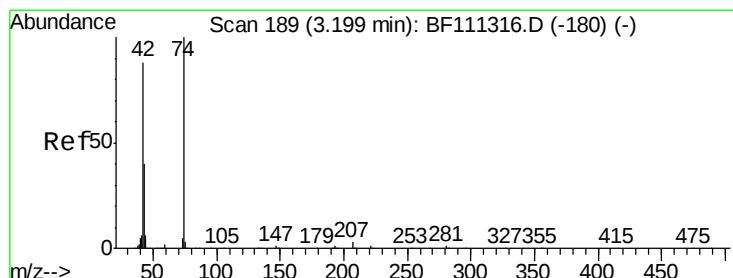
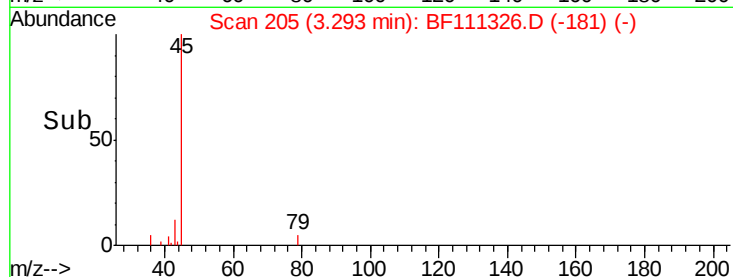
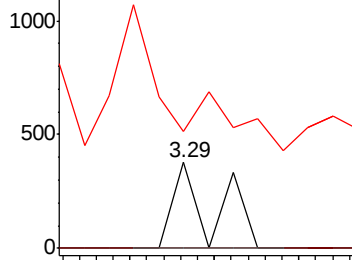
#3
Pyridine
Concen: 0.012 ng
RT: 3.29 min Scan# 205
Delta R.T. 0.04 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

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Tgt Ion: 79 Resp: 251
Ion Ratio Lower Upper
79 100
52 0.0 68.3 102.5#
51 136.9 32.6 49.0#

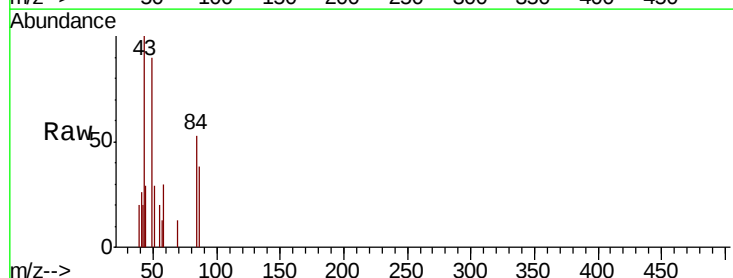


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

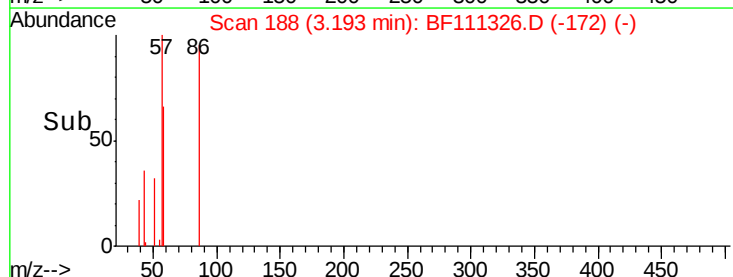
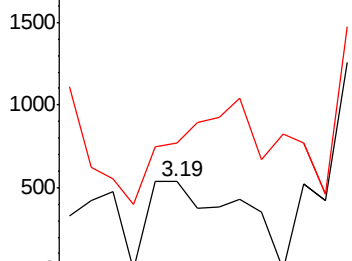


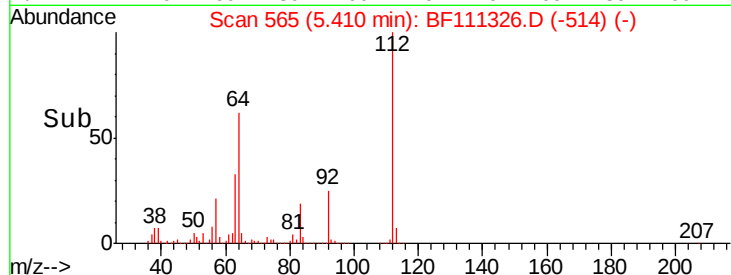
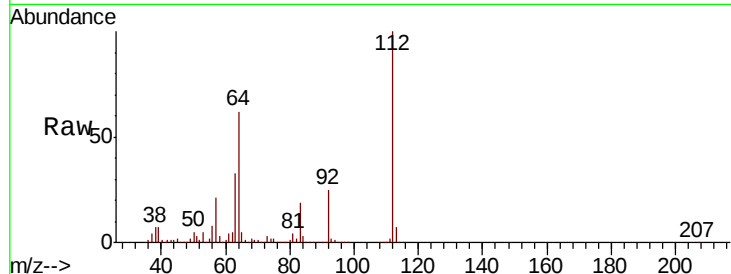
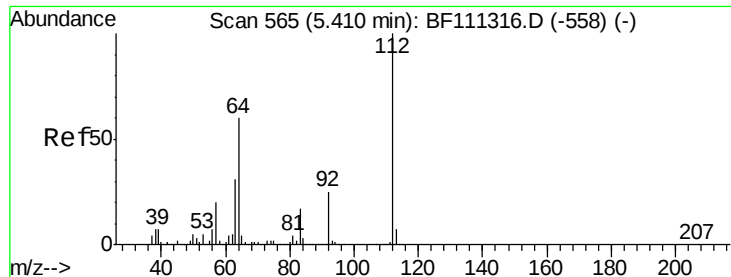
#4
n-Nitrosodimethylamine
Concen: 0.094 ng
RT: 3.19 min Scan# 188
Delta R.T. -0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Tgt Ion: 42 Resp: 922
Ion Ratio Lower Upper
42 100
74 0.0 101.5 152.3#
44 143.4 6.0 9.0#



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

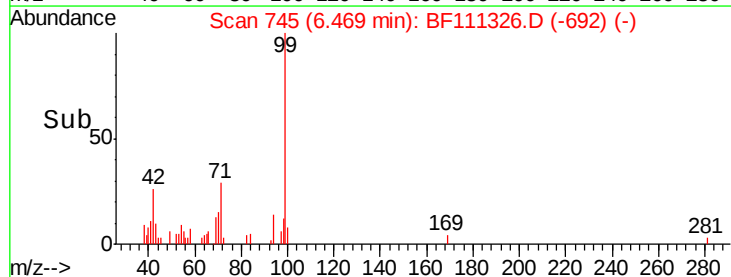
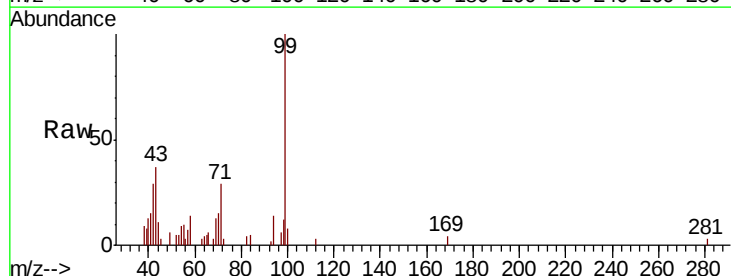
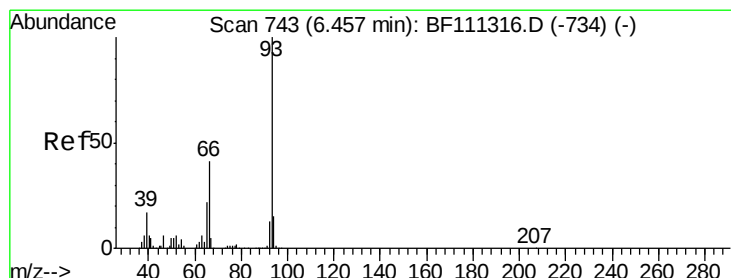
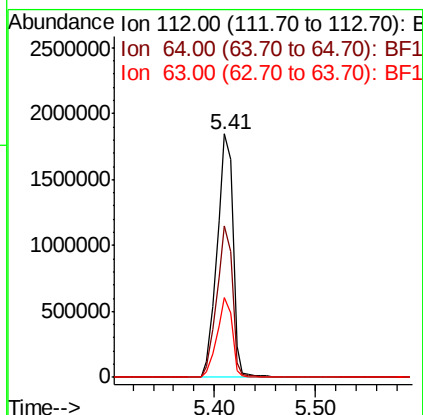




#5
2-Fluorophenol
Concen: 117.977 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

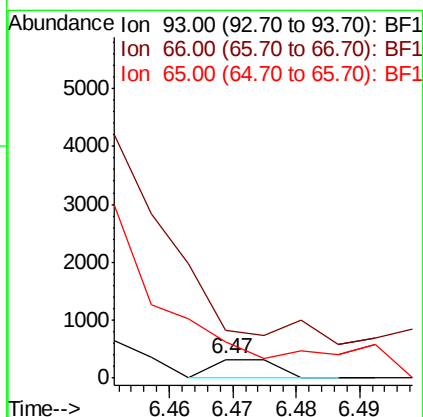
Instrument :
BNA_F
ClientSampled :
SB-5(0-2)

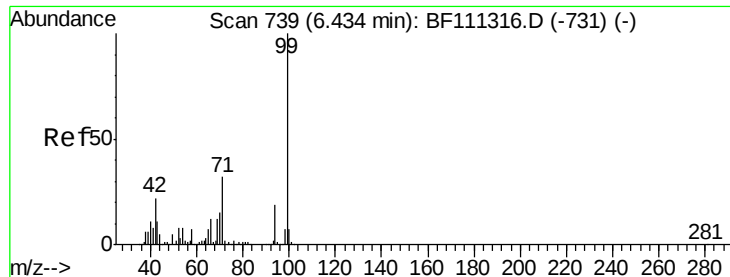
Tgt Ion: 112 Resp: 2017232
Ion Ratio Lower Upper
112 100
64 62.0 51.8 77.6
63 32.9 26.8 40.2



#6
Aniline
Concen: 0.008 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Tgt Ion: 93 Resp: 222
Ion Ratio Lower Upper
93 100
66 258.1 33.2 49.8#
65 198.7 17.0 25.4#





#7

Phenol-d6

Concen: 114.607 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)

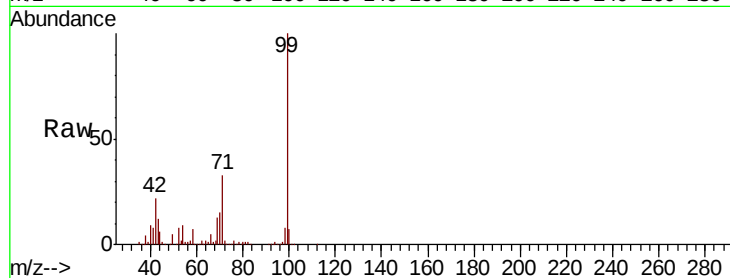
Tgt Ion: 99 Resp: 2642073

Ion Ratio Lower Upper

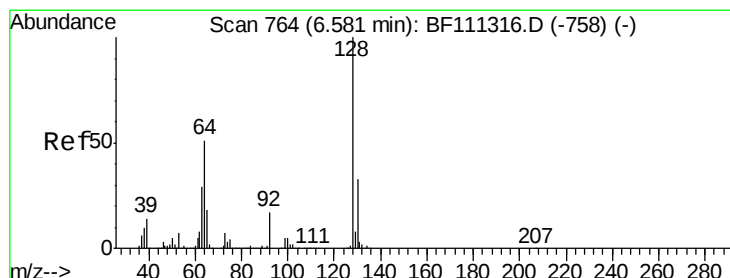
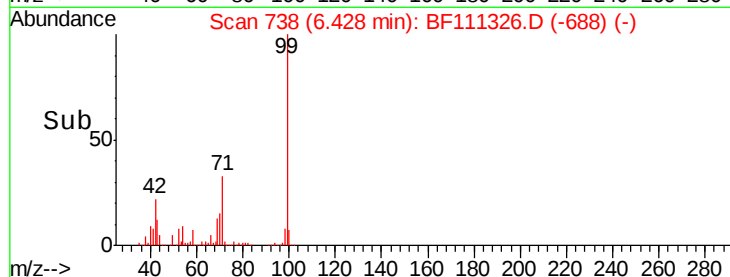
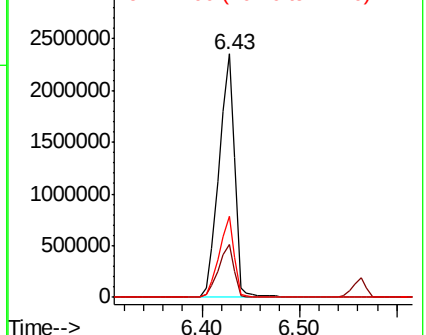
99 100

42 22.0 17.4 26.0

71 33.3 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: 0.048 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

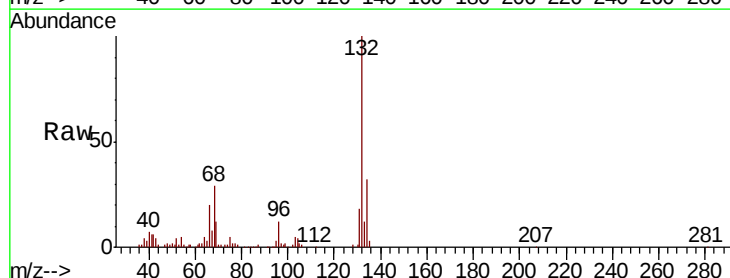
Tgt Ion: 128 Resp: 1003

Ion Ratio Lower Upper

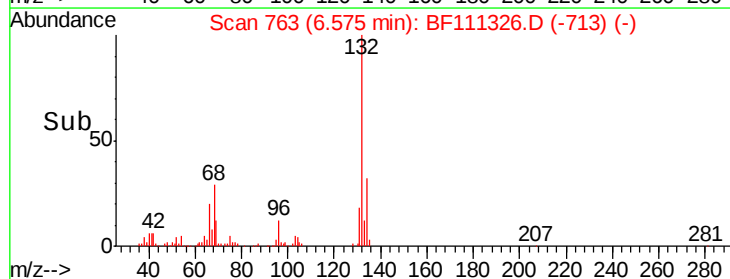
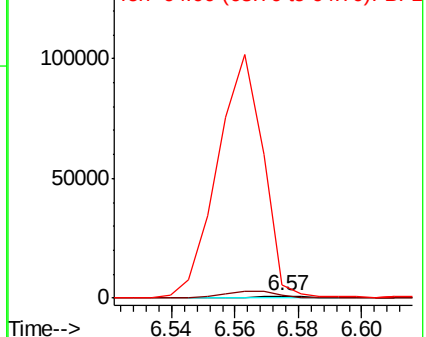
128 100

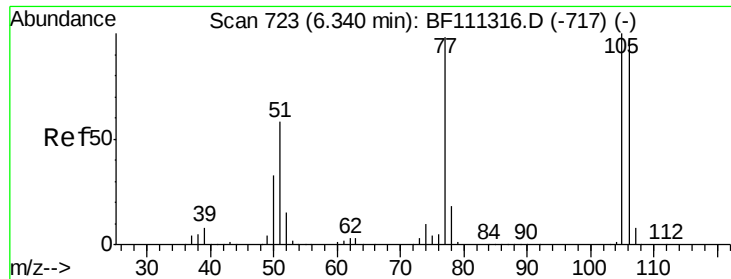
130 140.5 12.7 52.7#

64 581.1 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: 6.43 min Scan# 738

Delta R.T. 0.09 min

Lab File: BF111326.D

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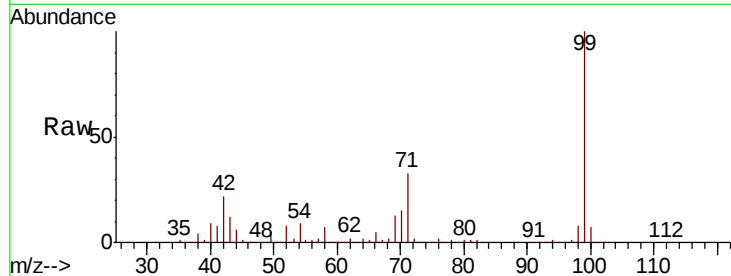
Tgt Ion: 77 Resp: 5473

Ion Ratio Lower Upper

77 100

105 0.0 81.4 121.4#

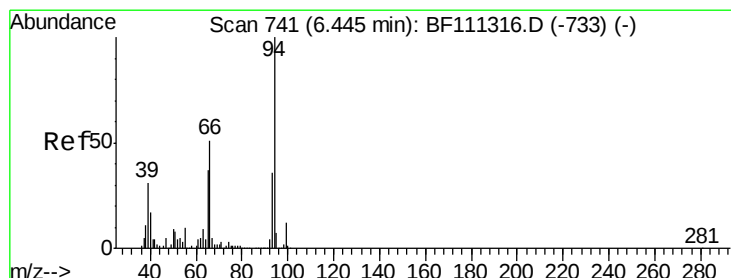
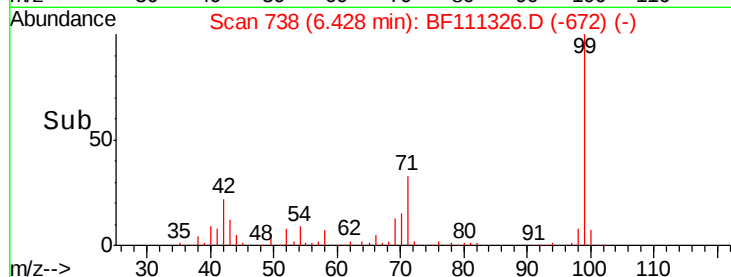
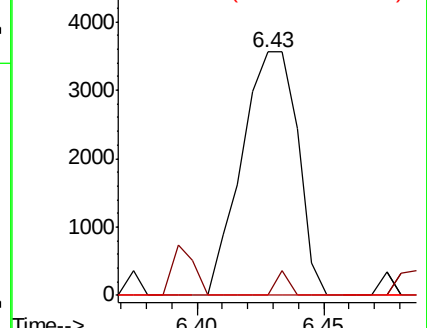
106 0.0 77.9 117.9#



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: 6.127 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

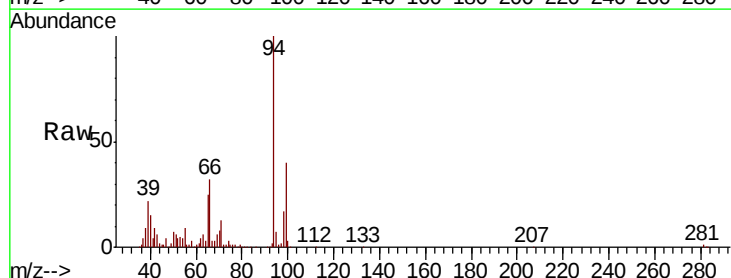
Tgt Ion: 94 Resp: 159992

Ion Ratio Lower Upper

94 100

65 24.6 11.7 51.7

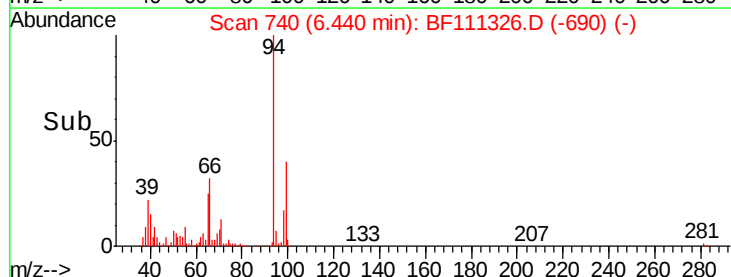
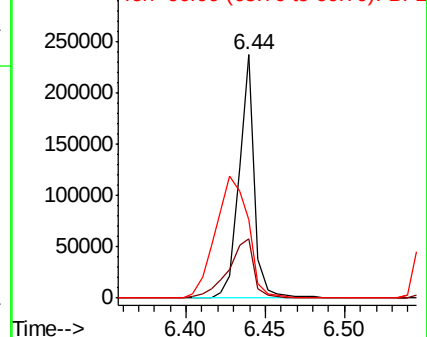
66 32.5 21.0 61.0

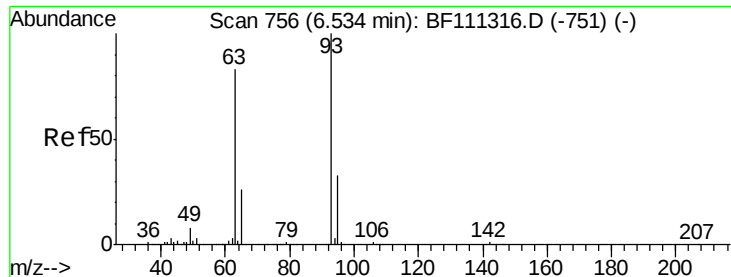


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.166 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)

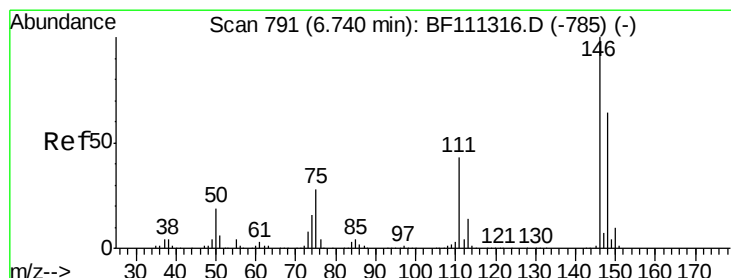
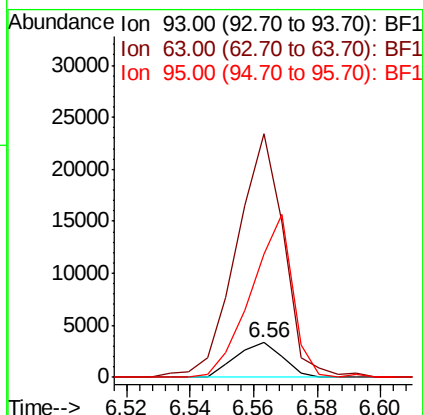
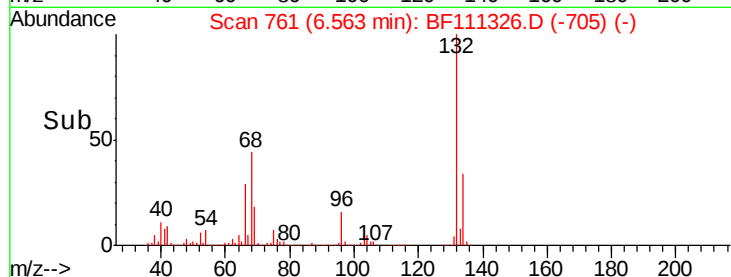
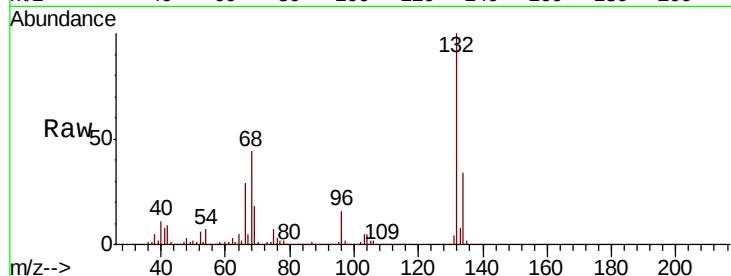
Tgt Ion: 93 Resp: 3407

Ion Ratio Lower Upper

93 100

63 704.8 60.0 100.0#

95 356.0 13.4 53.4#



#12

1,3-Dichlorobenzene

Concen: 0.013 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.21 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

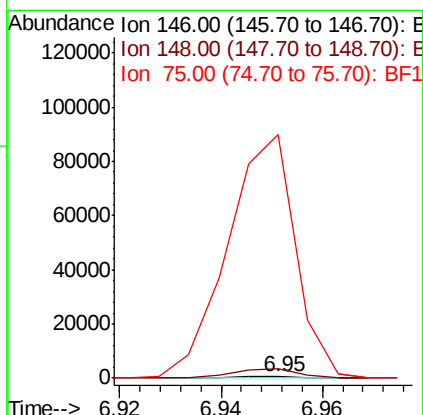
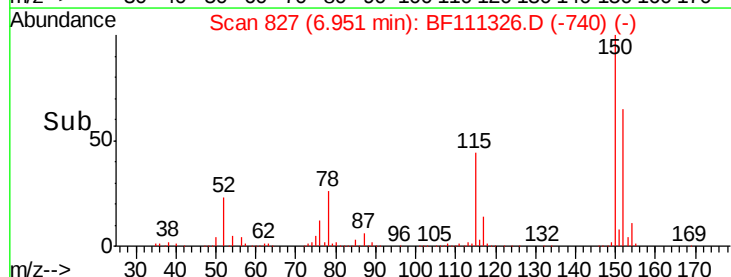
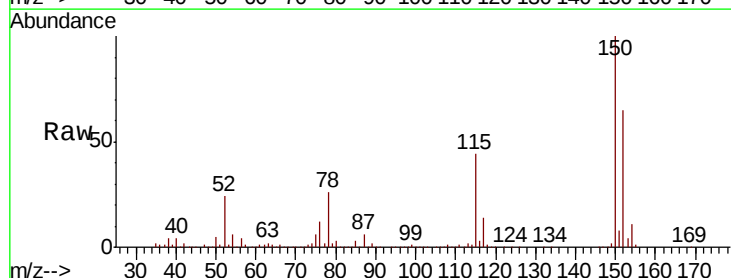
Tgt Ion: 146 Resp: 290

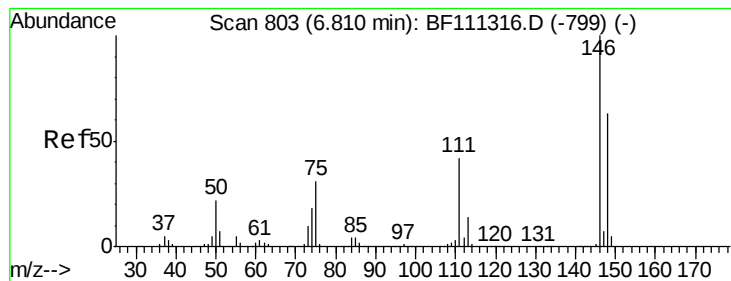
Ion Ratio Lower Upper

146 100

148 870.8 52.1 78.1#

75 21345.4 23.9 35.9#





#13

1,4-Dichlorobenzene

Concen: 0.013 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.14 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)

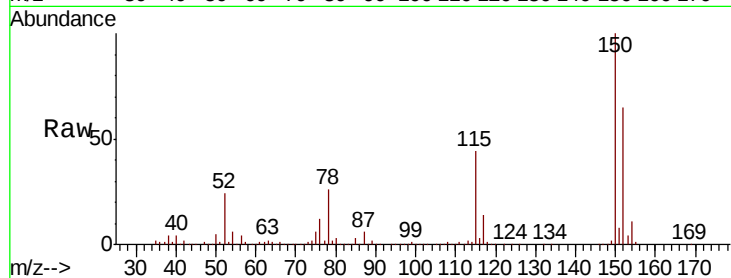
Tgt Ion:146 Resp: 290

Ion Ratio Lower Upper

146 100

148 870.8 52.8 79.2#

111 3458.7 33.4 50.0#

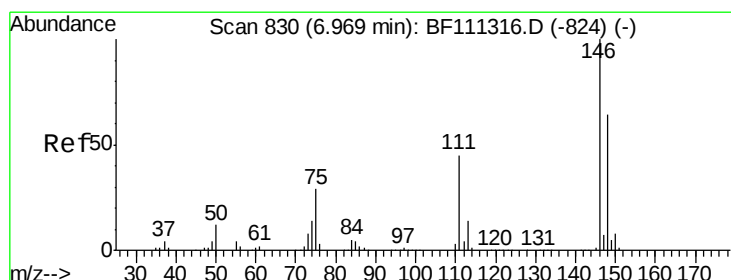
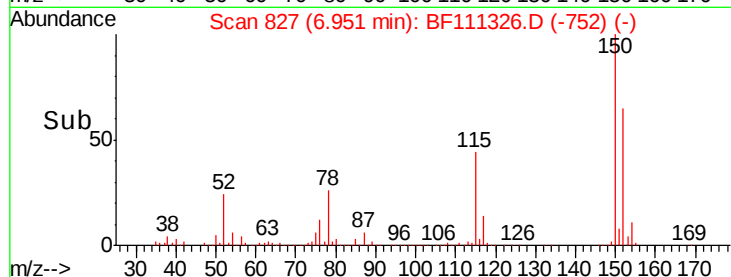
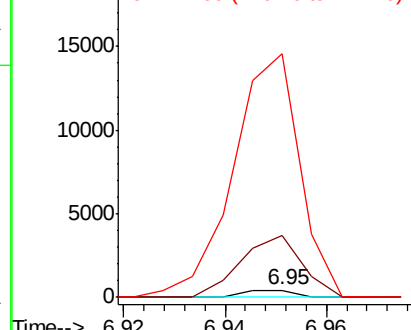


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.014 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

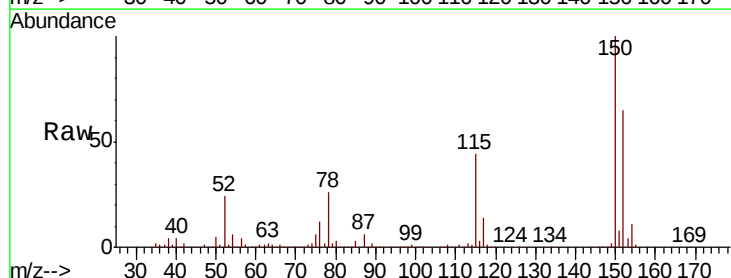
Tgt Ion:146 Resp: 290

Ion Ratio Lower Upper

146 100

148 870.8 51.9 77.9#

111 3458.7 36.2 54.4#

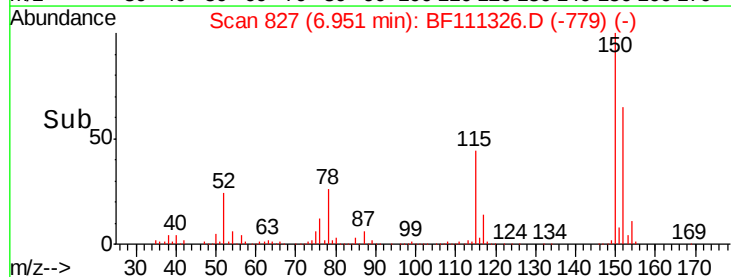
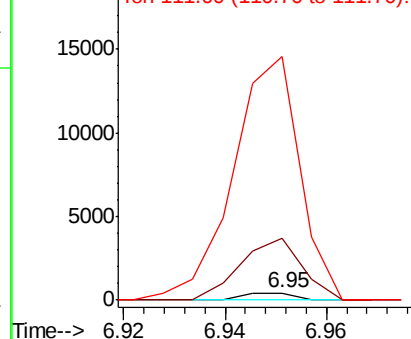


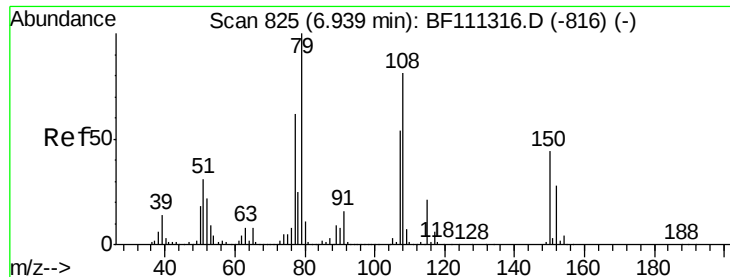
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.600 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)

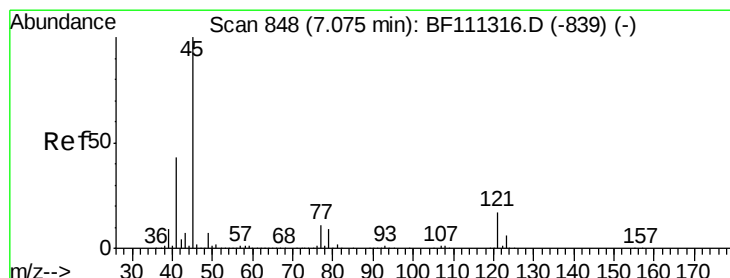
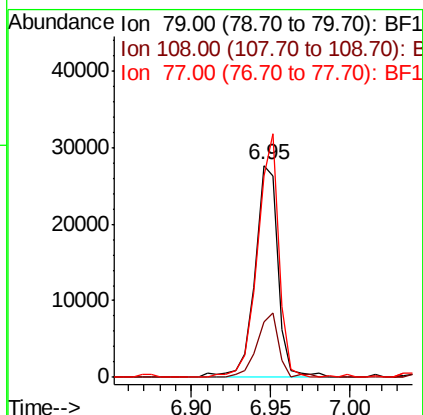
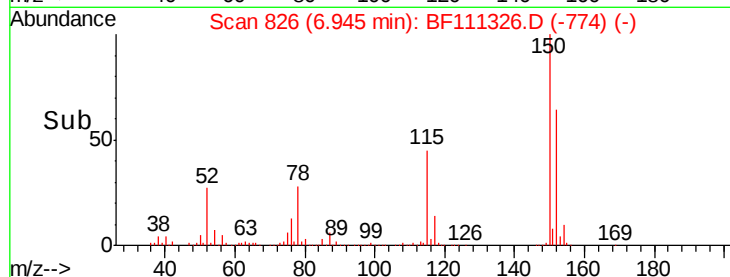
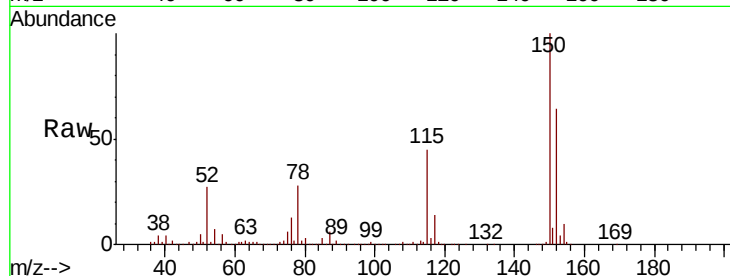
Tgt Ion: 79 Resp: 28242

Ion Ratio Lower Upper

79 100

108 26.0 69.4 104.2#

77 95.1 49.7 74.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.030 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.02 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

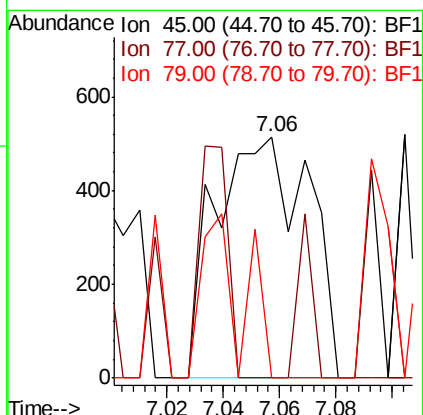
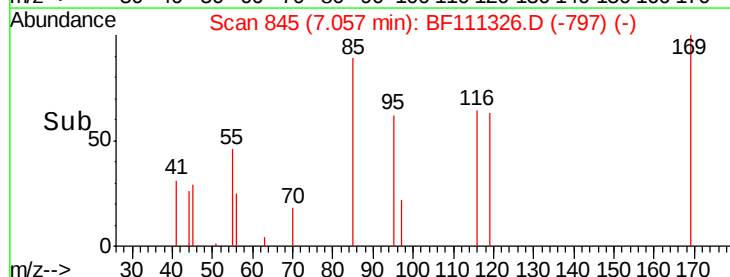
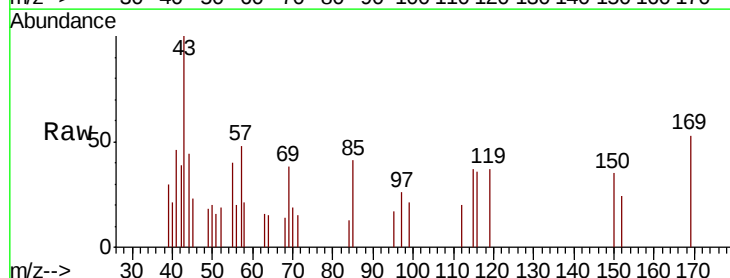
Tgt Ion: 45 Resp: 1177

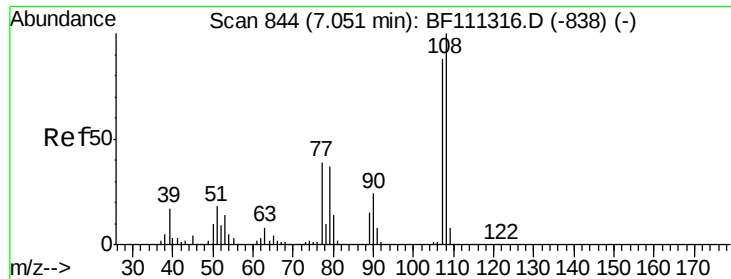
Ion Ratio Lower Upper

45 100

77 0.0 0.0 31.5

79 0.0 0.0 28.9

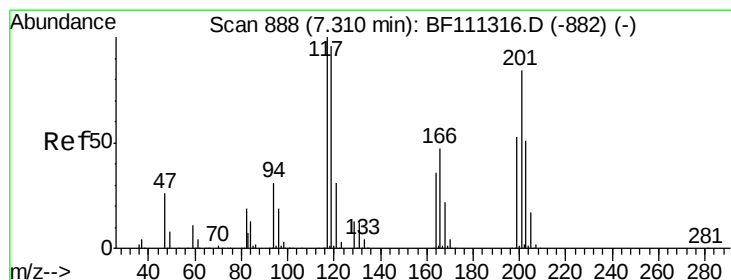
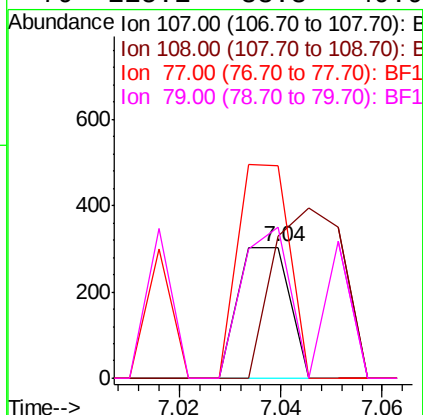
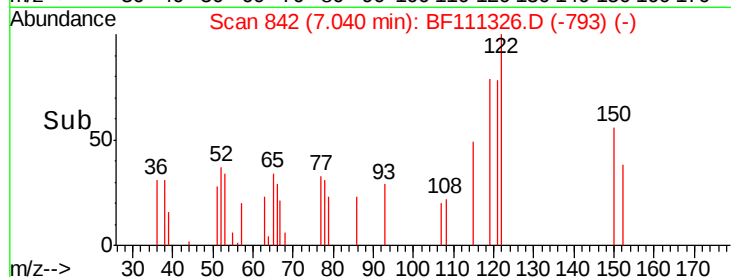
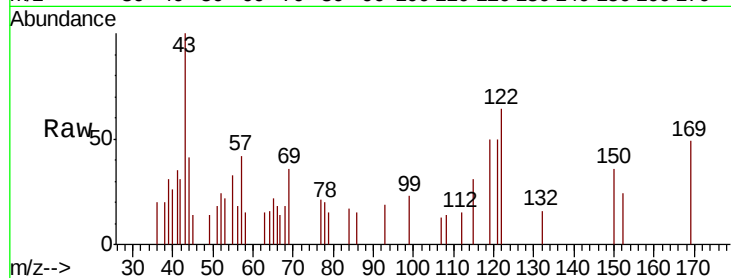




#17
2-Methylphenol
Concen: 0.013 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

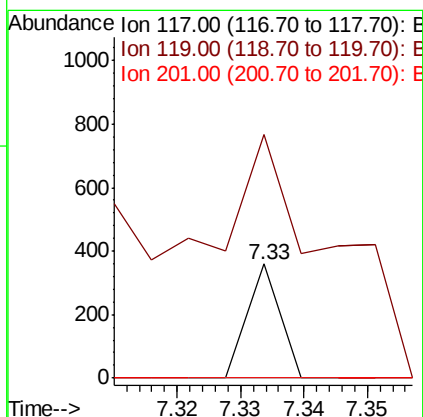
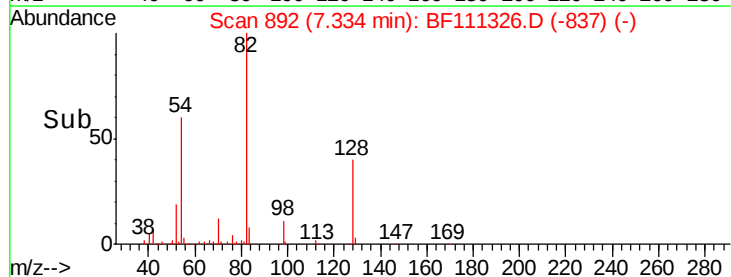
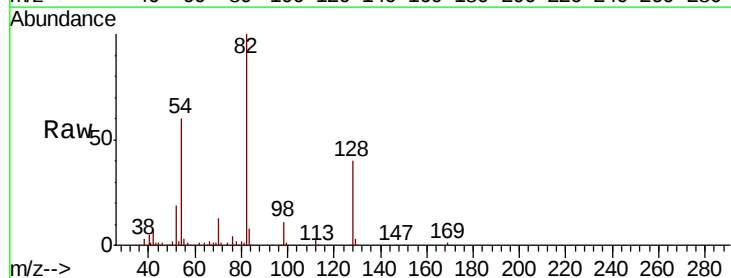
Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

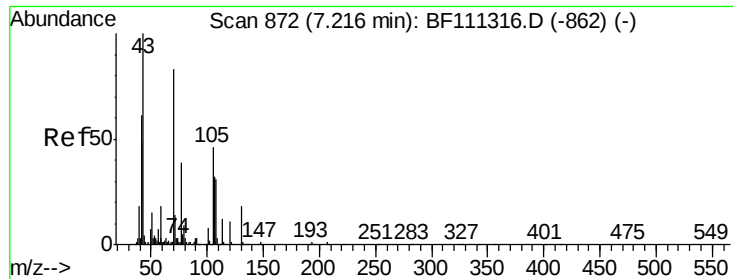
Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.6	91.0	136.4
77	162.2	33.5	50.3#
79	115.1	33.3	49.9#



#18
Hexachloroethane
Concen: 0.015 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.02 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	213.6	75.4	113.0#
201	0.0	62.4	93.6#

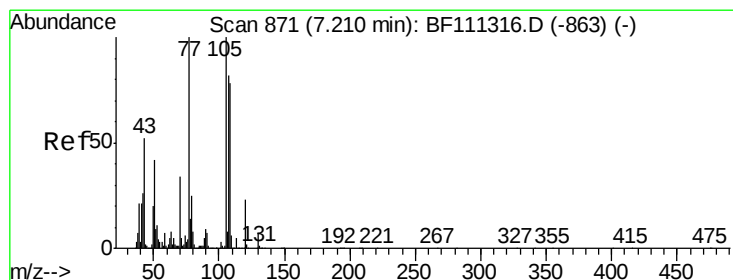
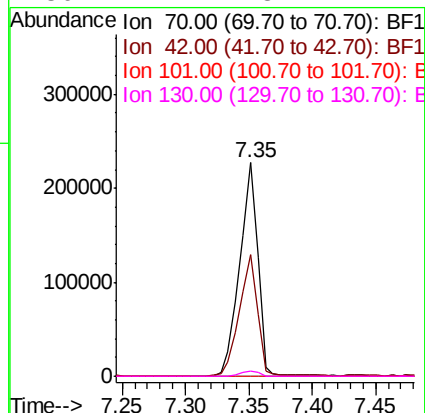
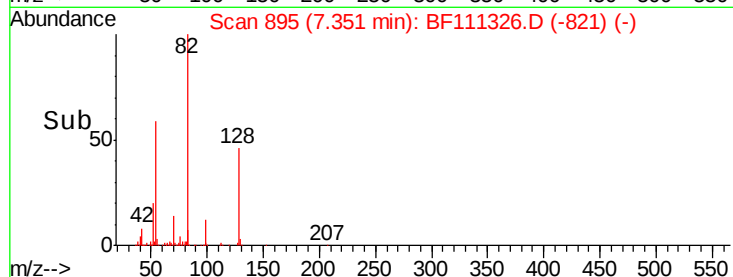
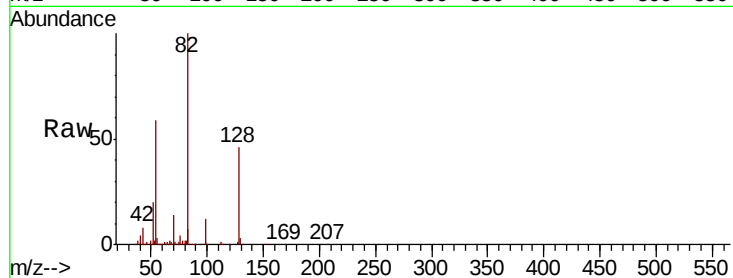




#19
n-Nitroso-di-n-propylamine
Concen: 14.717 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

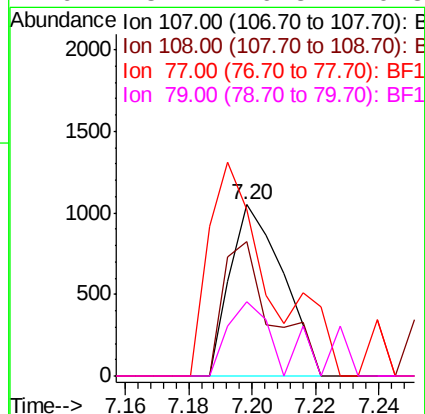
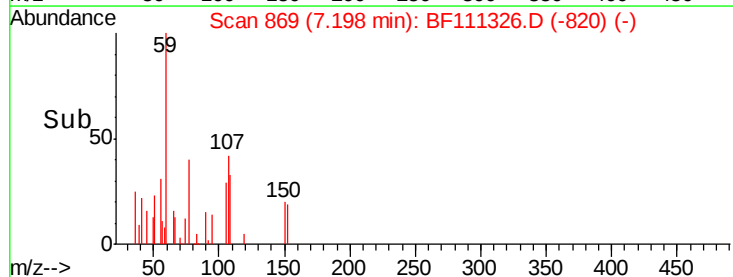
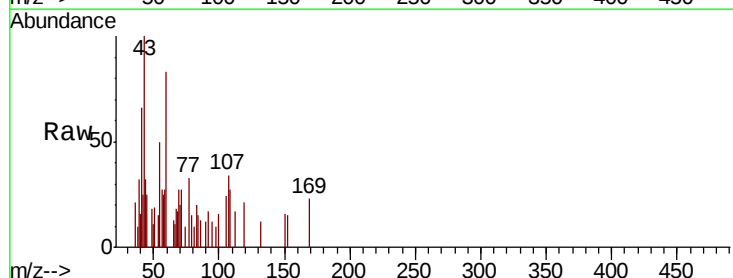
Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

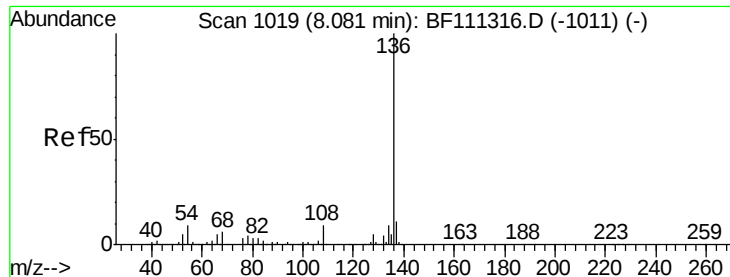
Tgt Ion:	70	Resp:	225447
Ion	Ratio	Lower	Upper
70	100		
42	57.2	53.2	79.8
101	0.0	8.2	12.4#
130	2.4	18.1	27.1#



#20
3+4-Methylphenols
Concen: 0.060 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Tgt Ion:	107	Resp:	1214
Ion	Ratio	Lower	Upper
107	100		
108	78.6	72.1	112.1
77	96.8	94.1	134.1
79	43.4	9.8	49.8

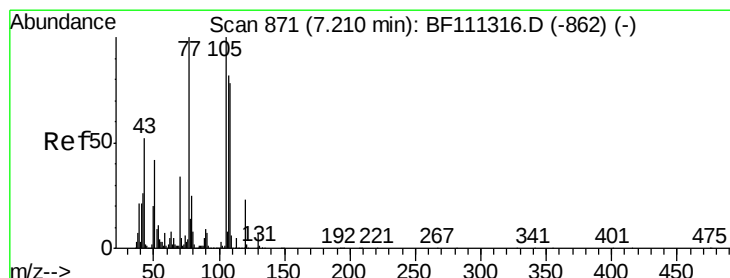
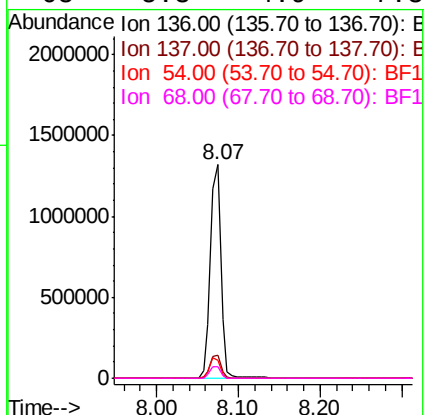
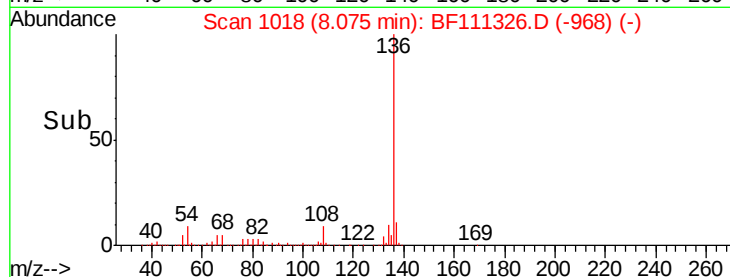
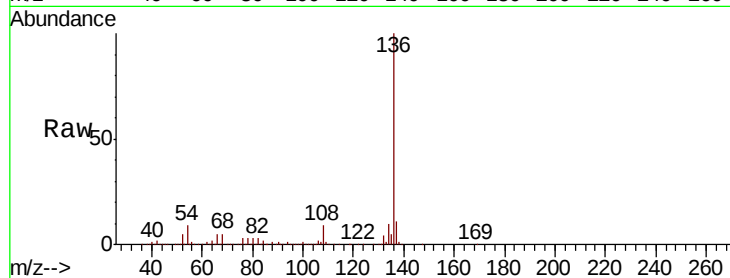




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

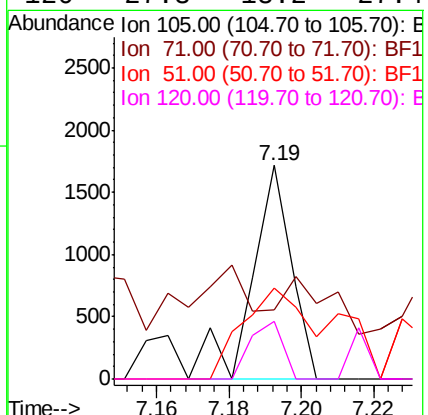
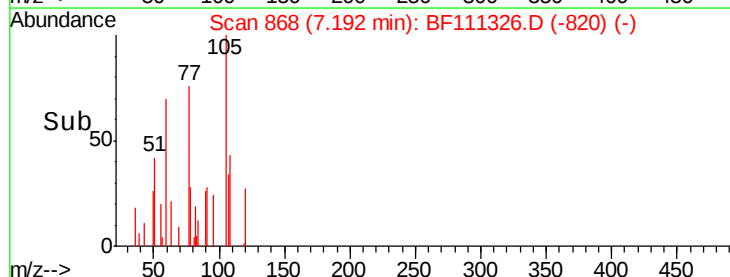
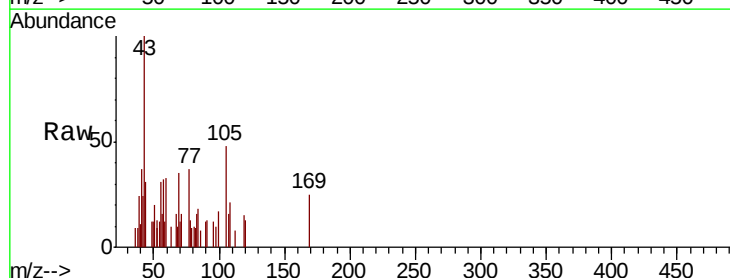
Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

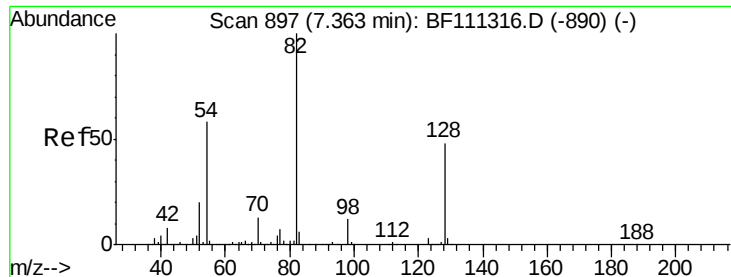
Tgt Ion:136 Resp: 1193714
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.5 7.7 11.5
68 5.3 4.9 7.3



#22
Acetophenone
Concen: 0.047 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Tgt Ion:105 Resp: 1298
Ion Ratio Lower Upper
105 100
71 32.3 3.1 4.7#
51 42.5 36.6 54.8
120 27.3 18.2 27.4

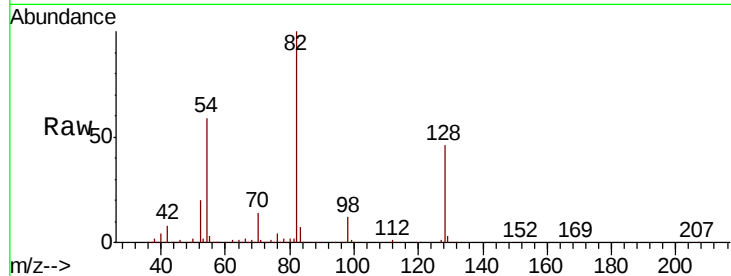




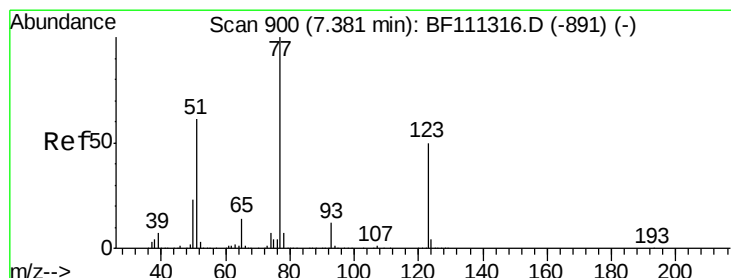
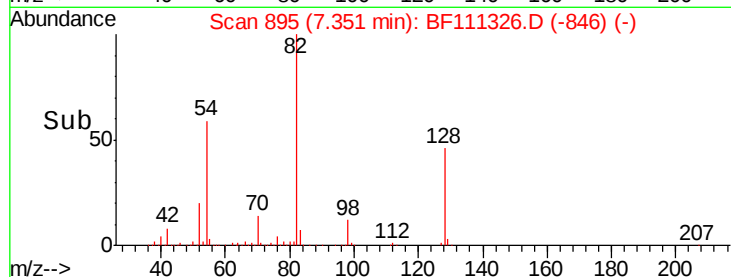
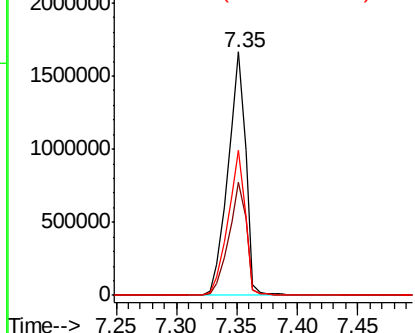
#23
Nitrobenzene-d5
Concen: 80.305 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion: 82 Resp: 1700784
Ion Ratio Lower Upper
82 100
128 46.5 37.4 56.2
54 59.3 47.6 71.4

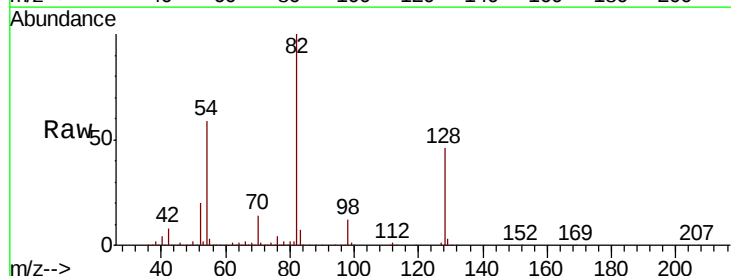


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

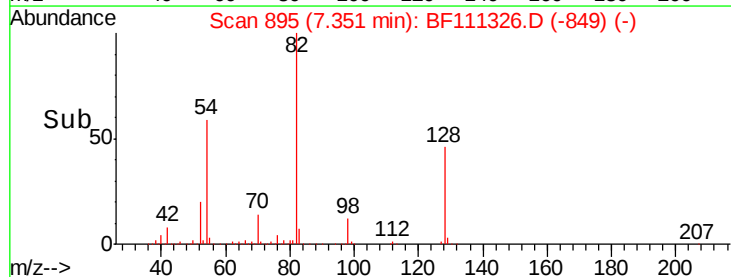
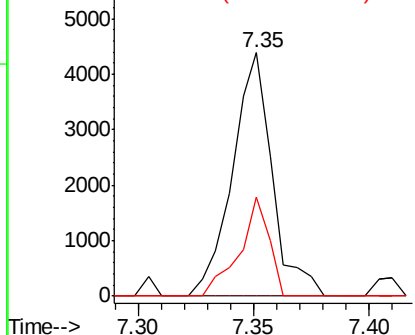


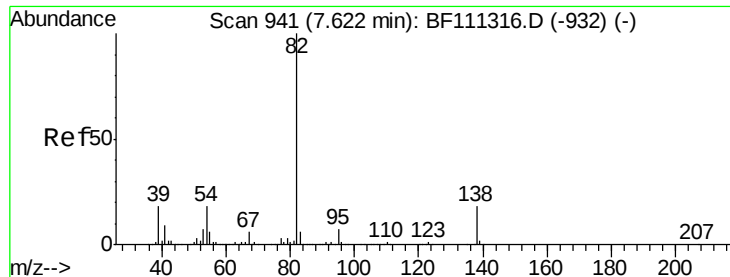
#24
Nitrobenzene
Concen: 0.241 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Tgt Ion: 77 Resp: 5265
Ion Ratio Lower Upper
77 100
123 0.0 37.2 55.8#
65 40.7 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: 46.436 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.27 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)

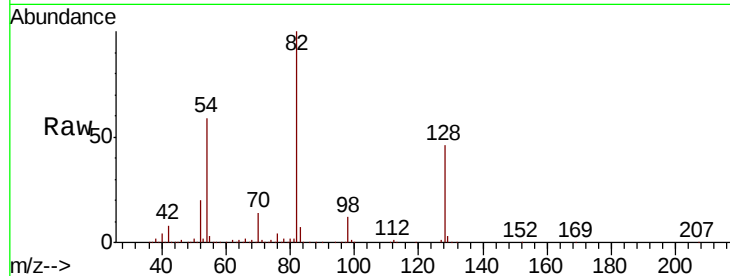
Tgt Ion: 82 Resp: 1670563

Ion Ratio Lower Upper

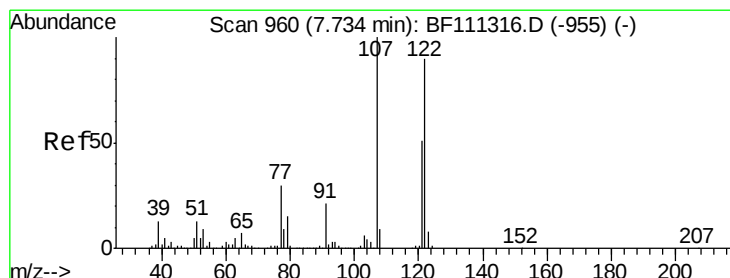
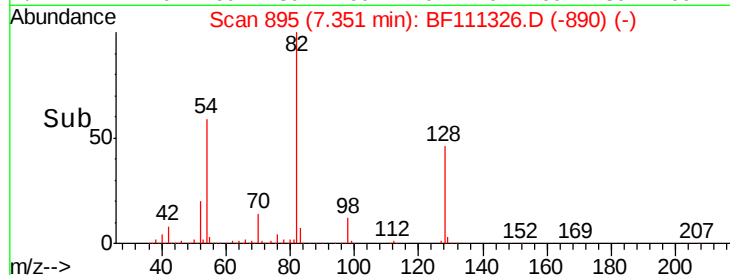
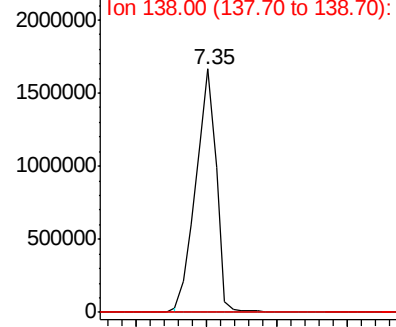
82 100

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): E



#27

2,4-Dimethylphenol

Concen: 0.007 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

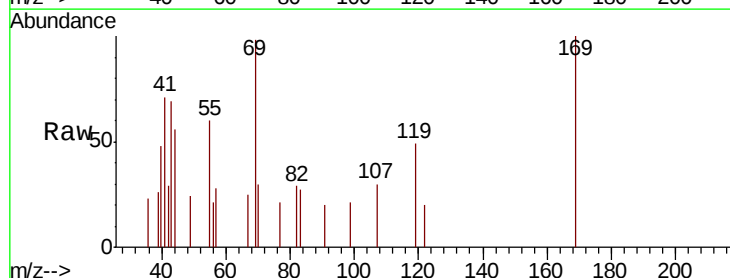
Tgt Ion: 122 Resp: 107

Ion Ratio Lower Upper

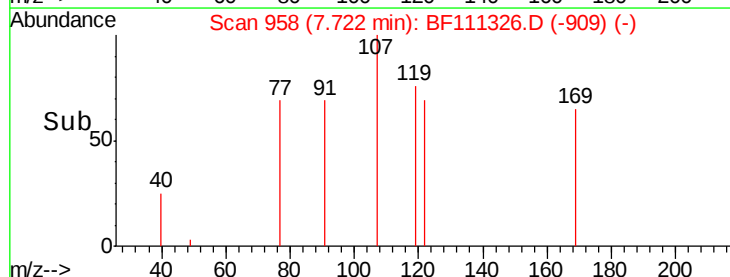
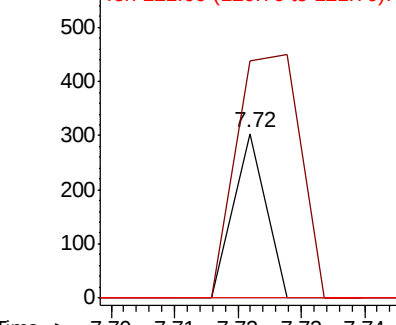
122 100

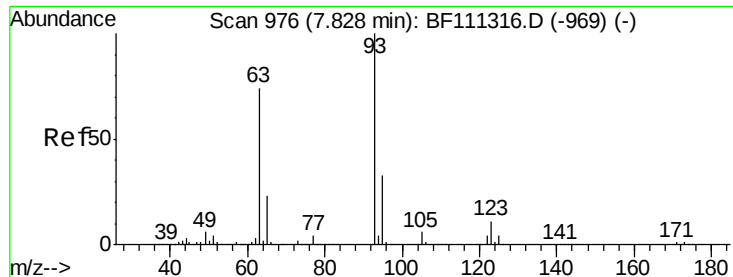
107 144.4 85.5 128.3#

121 0.0 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

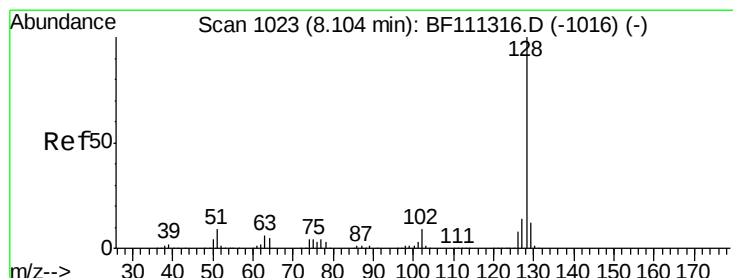
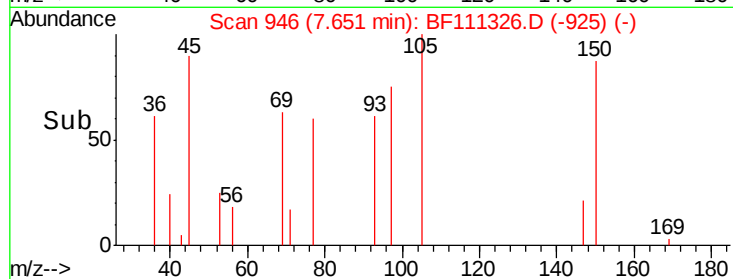
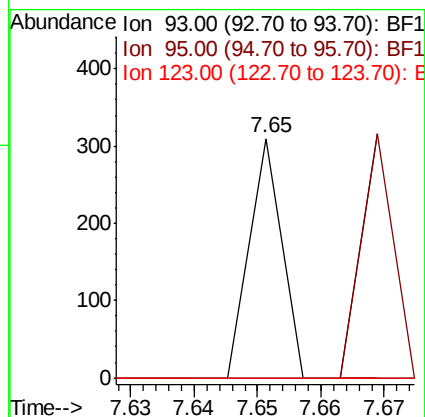
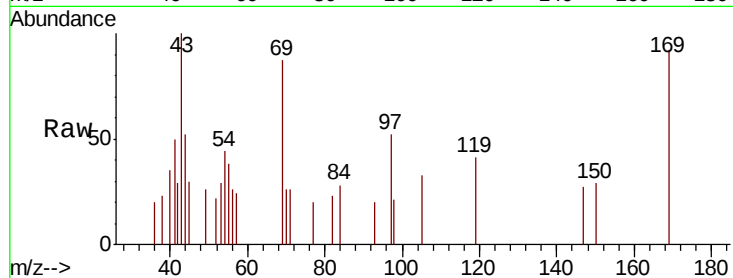




#28
bis(2-Chloroethoxy)methane
Concen: 0.004 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.18 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

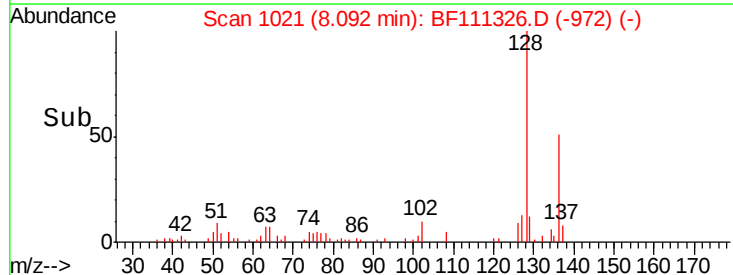
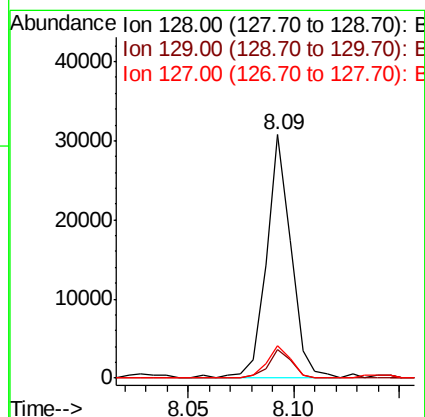
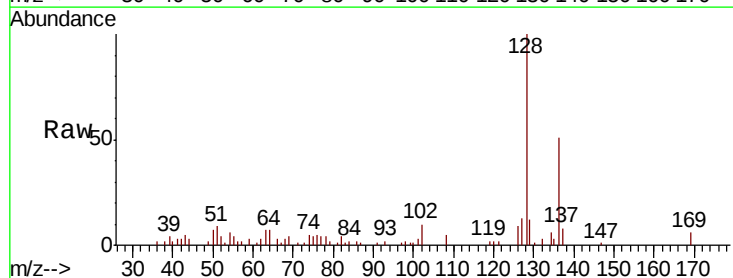
Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

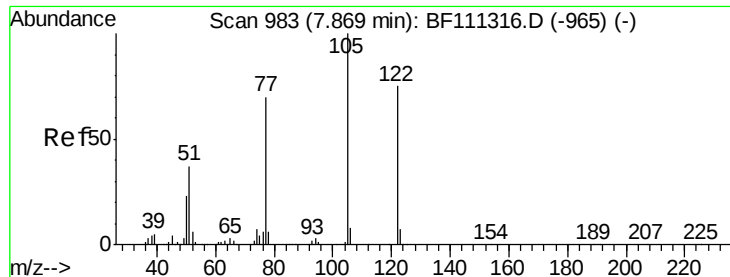
Tgt Ion: 93 Resp: 109
Ion Ratio Lower Upper
93 100
95 0.0 27.1 40.7#
123 0.0 9.9 14.9#



#31
Naphthalene
Concen: 0.450 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Tgt Ion: 128 Resp: 25043
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.8
127 13.3 12.0 18.0

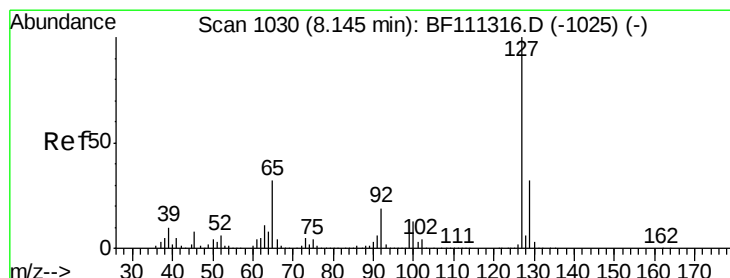
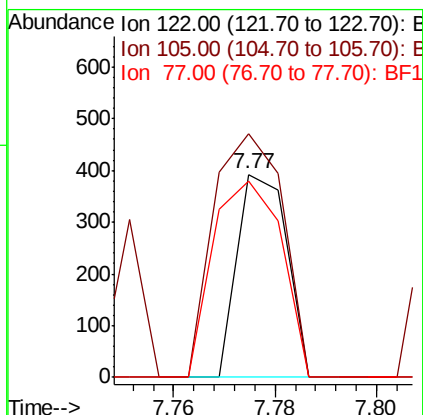
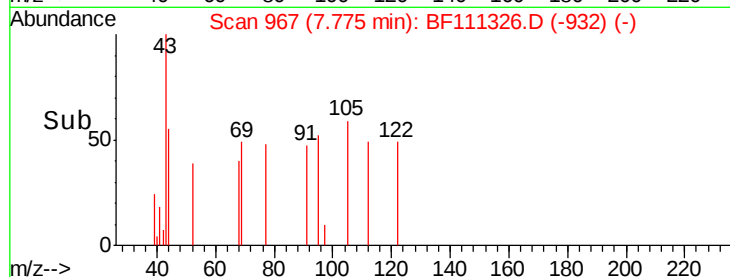
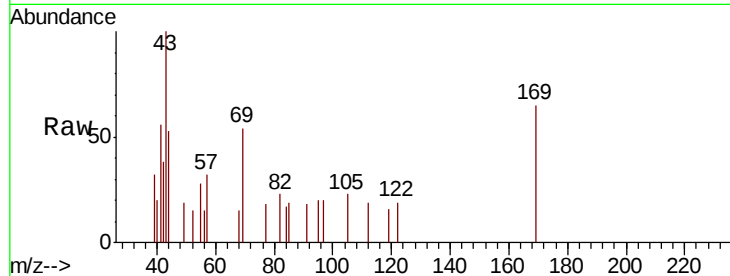




#32
Benzoic acid
Concen: 0.020 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.09 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

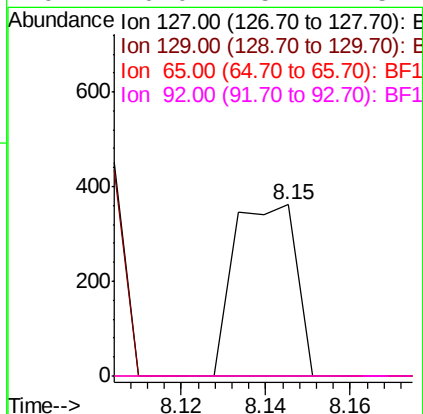
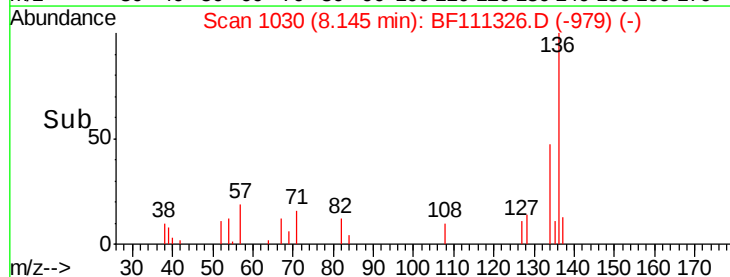
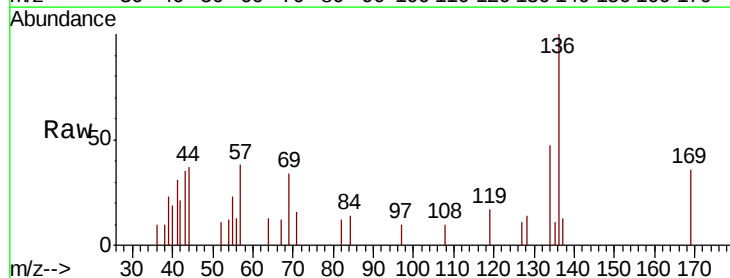
Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

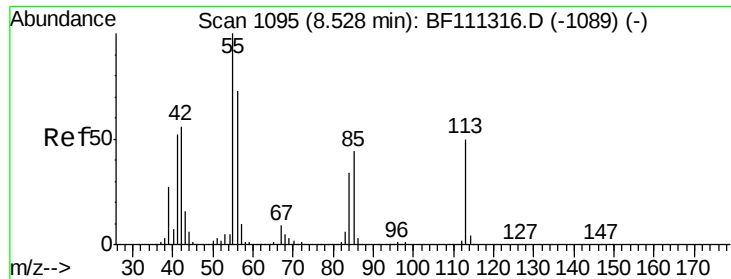
Tgt Ion:122 Resp: 267
Ion Ratio Lower Upper
122 100
105 119.8 97.0 137.0
77 96.7 65.7 105.7



#33
4-Chloroaniline
Concen: 0.016 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Tgt Ion:127 Resp: 370
Ion Ratio Lower Upper
127 100
129 0.0 26.6 39.8#
65 0.0 25.7 38.5#
92 0.0 15.4 23.2#





#35

Caprolactam

Concen: 0.019 ng

RT: 8.47 min Scan# 1086

Delta R.T. -0.05 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)

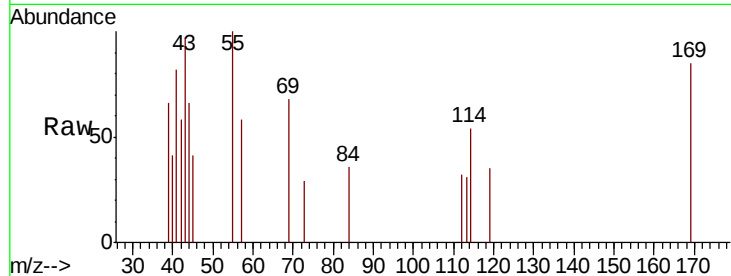
Tgt Ion:113 Resp: 115

Ion Ratio Lower Upper

113 100

55 323.0 184.1 224.1#

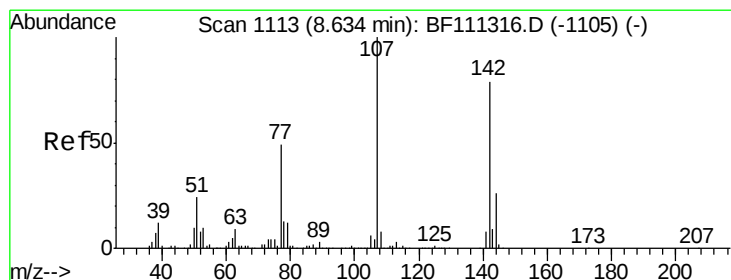
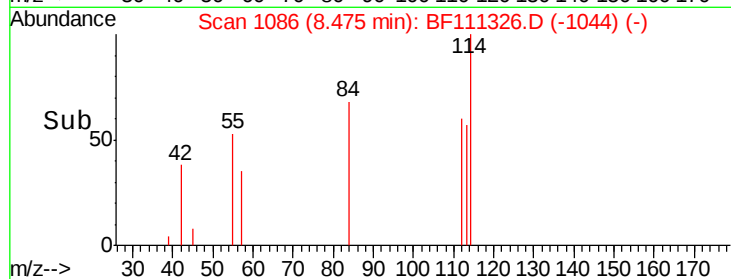
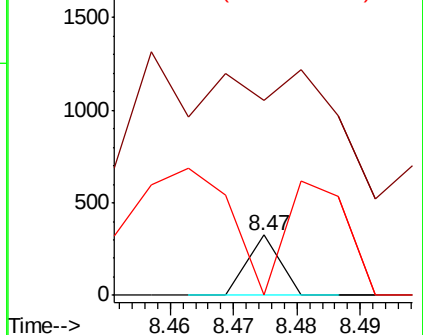
56 0.0 126.0 166.0#



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: 0.007 ng

RT: 8.42 min Scan# 1077

Delta R.T. -0.21 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

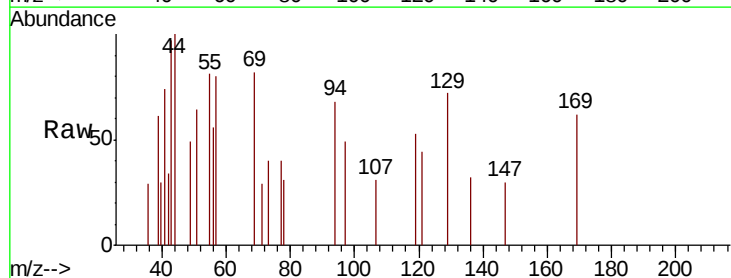
Tgt Ion:107 Resp: 119

Ion Ratio Lower Upper

107 100

144 0.0 19.8 29.6#

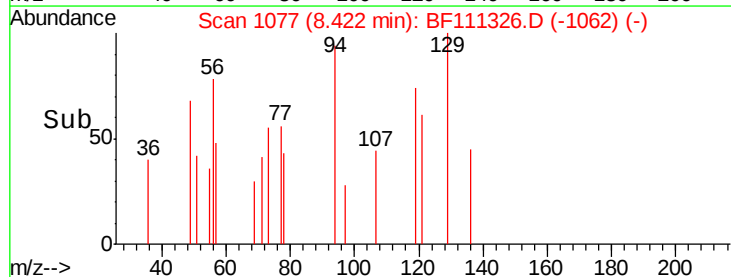
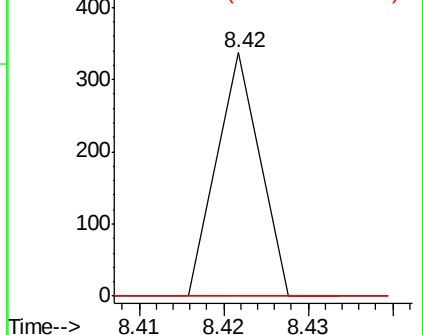
142 0.0 62.3 93.5#

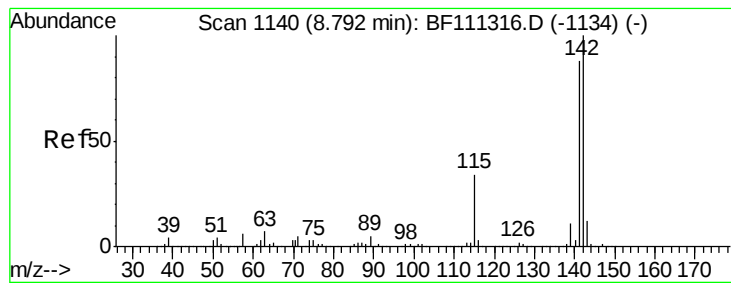


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 0.197 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)

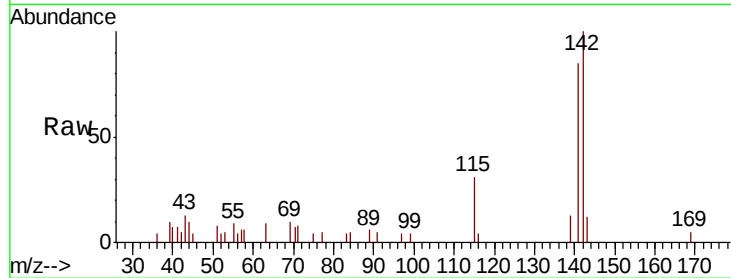
Tgt Ion:142 Resp: 7095

Ion Ratio Lower Upper

142 100

141 85.5 70.6 105.8

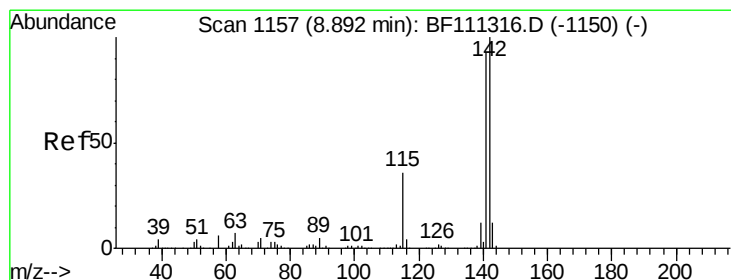
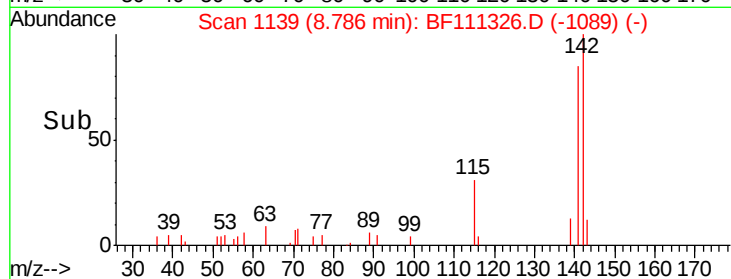
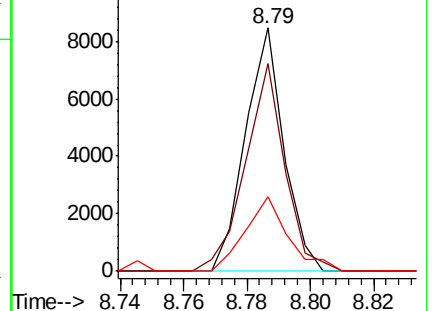
115 30.6 27.0 40.6



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: 0.228 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

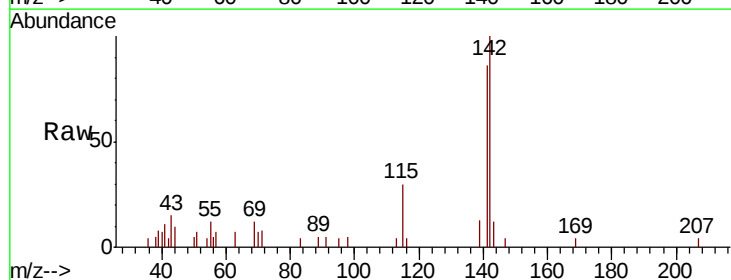
Tgt Ion:142 Resp: 7924

Ion Ratio Lower Upper

142 100

141 85.7 74.2 111.4

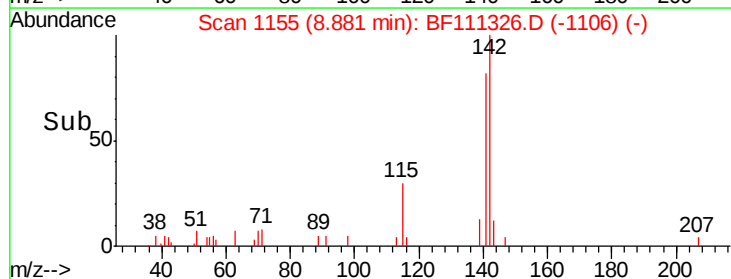
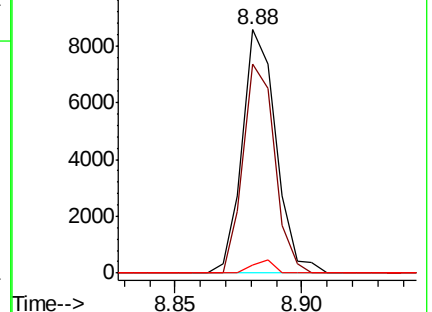
116 3.6 2.9 4.3

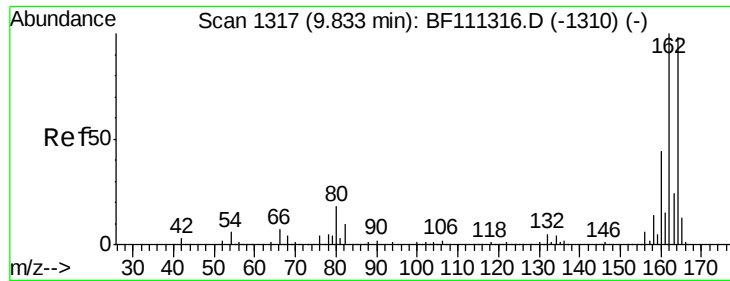


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

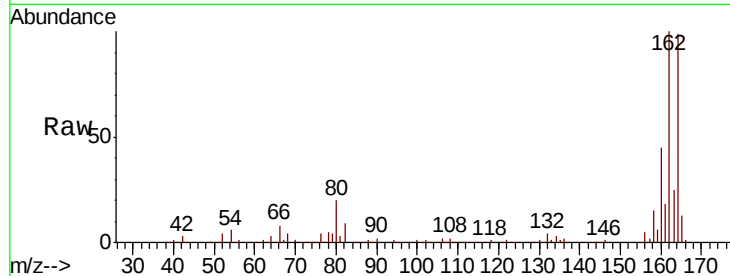




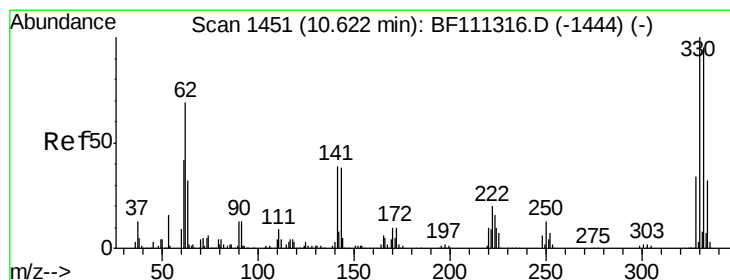
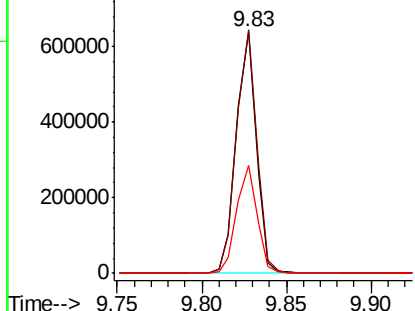
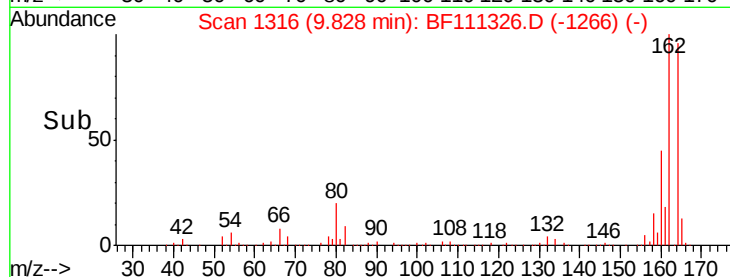
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:164 Resp: 528650
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 44.9 35.7 53.5

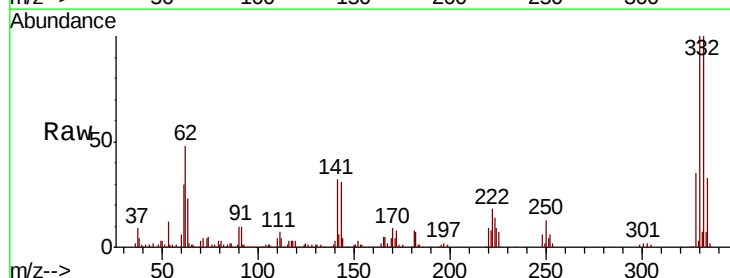


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

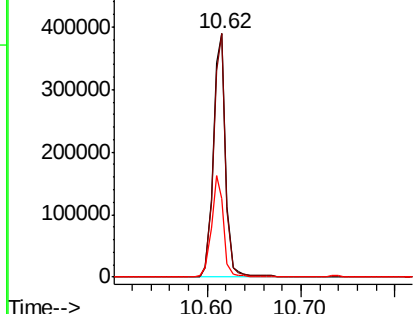
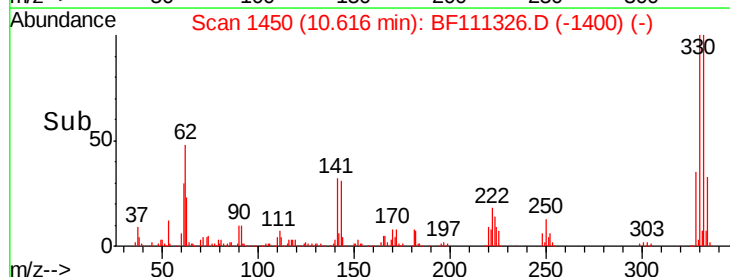


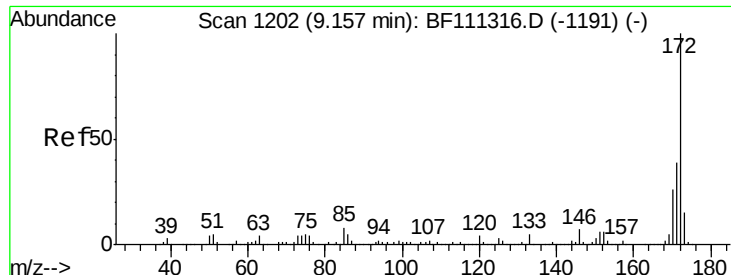
#42
2,4,6-Tribromophenol
Concen: 78.893 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Tgt Ion:330 Resp: 367649
Ion Ratio Lower Upper
330 100
332 97.1 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

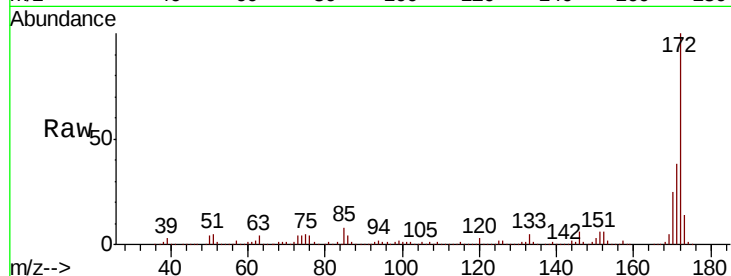




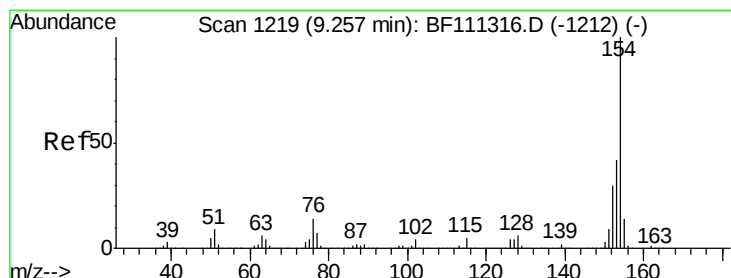
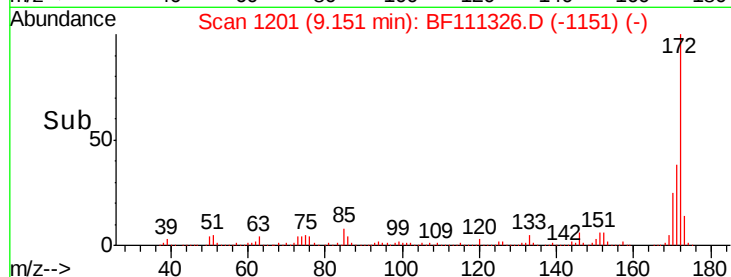
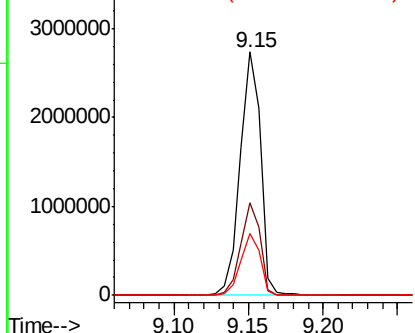
#45
2-Fluorobiphenyl
Concen: 79.448 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:172 Resp: 2616054
Ion Ratio Lower Upper
172 100
171 37.9 33.0 49.4
170 25.3 22.3 33.5

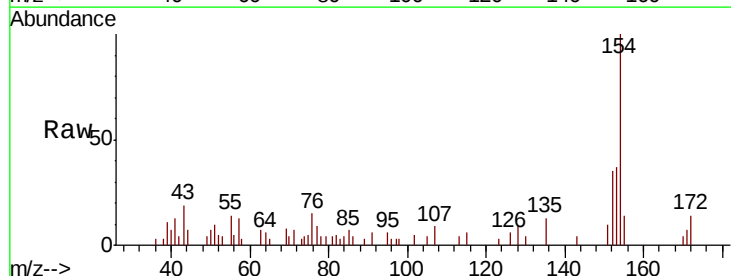


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

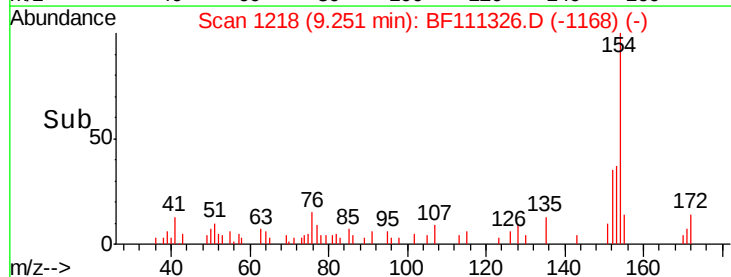
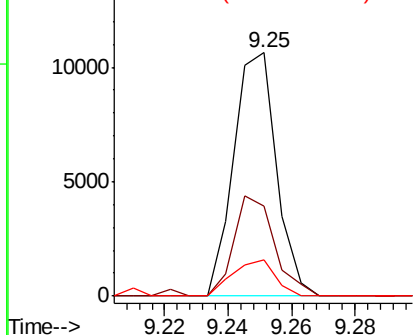


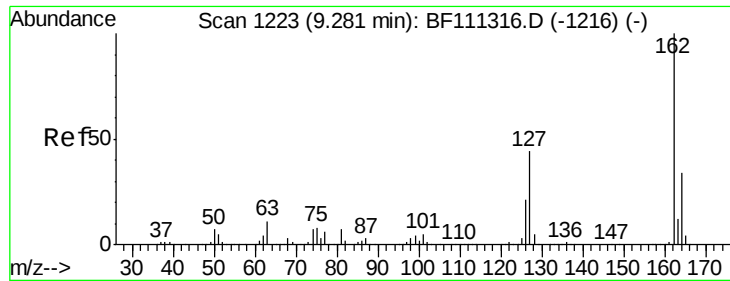
#46
1,1'-Biphenyl
Concen: 0.219 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Tgt Ion:154 Resp: 9881
Ion Ratio Lower Upper
154 100
153 37.1 23.7 63.7
76 15.1 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

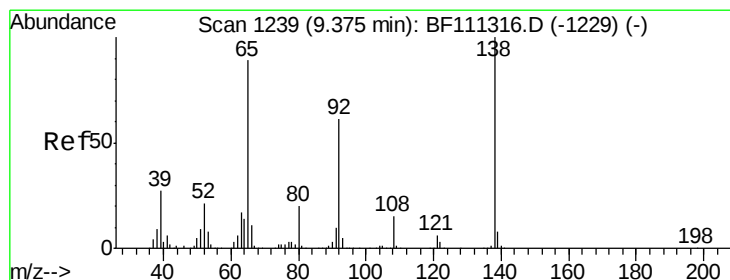
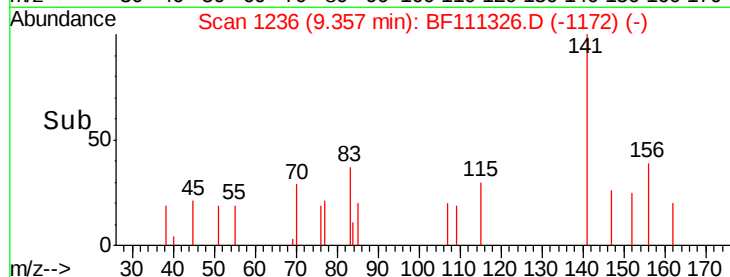
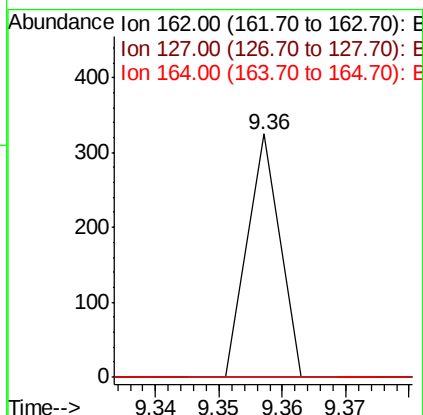
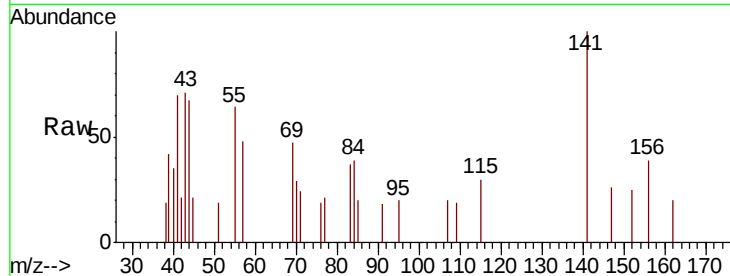




#47
 2-Chloronaphthalene
 Concen: 0.003 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.08 min
 Lab File: BF111326.D
 Acq: 12 Dec 2018 17:26

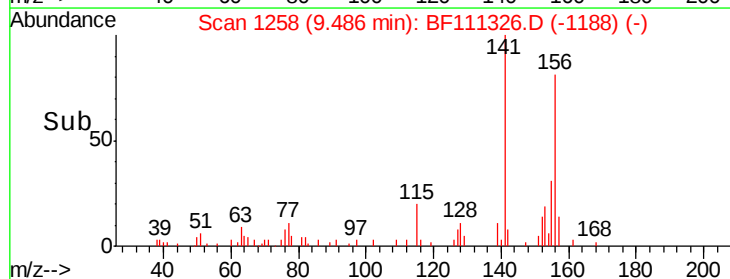
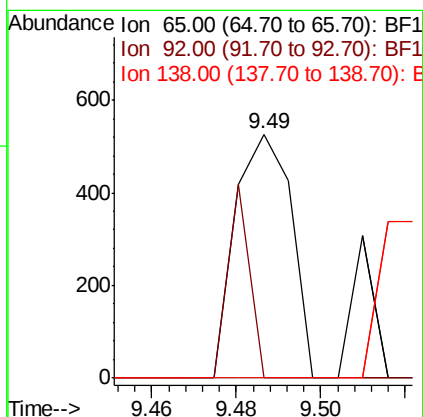
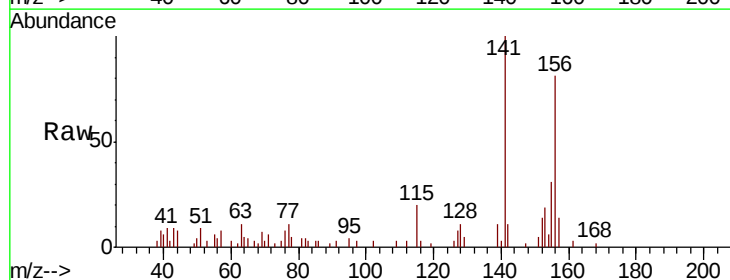
Instrument :
 BNA_F
 ClientSampleId :
 SB-5(0-2)

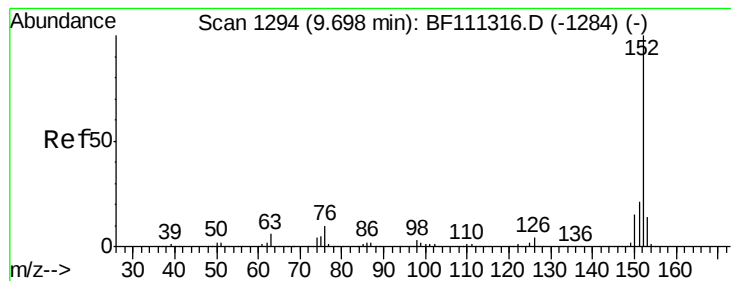
Tgt Ion: 162 Resp: 115
 Ion Ratio Lower Upper
 162 100
 127 0.0 35.0 52.4#
 164 0.0 28.4 42.6#



#48
 2-Nitroaniline
 Concen: 0.043 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. 0.11 min
 Lab File: BF111326.D
 Acq: 12 Dec 2018 17:26

Tgt Ion: 65 Resp: 484
 Ion Ratio Lower Upper
 65 100
 92 0.0 53.5 80.3#
 138 0.0 80.9 121.3#





#49

Acenaphthylene

Concen: 0.461 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)

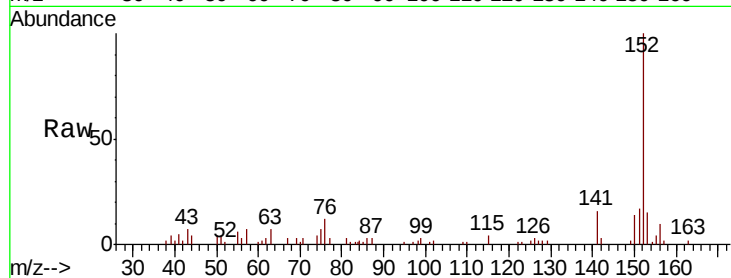
Tgt Ion:152 Resp: 23278

Ion Ratio Lower Upper

152 100

151 17.3 18.0 27.0#

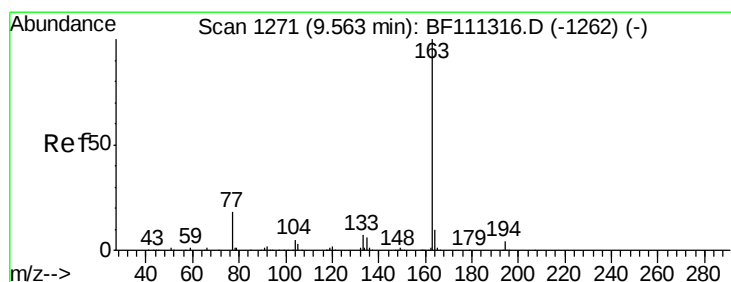
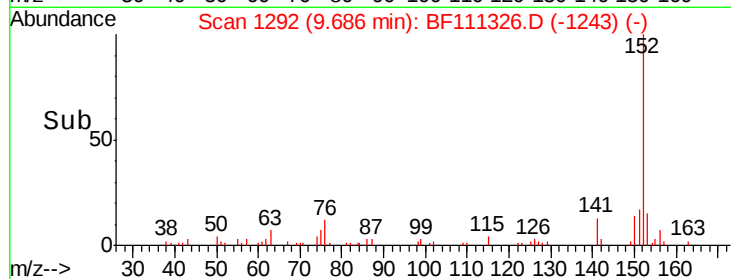
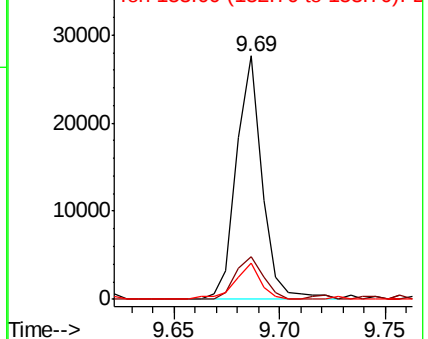
153 14.8 12.3 18.5



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: 9.335 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

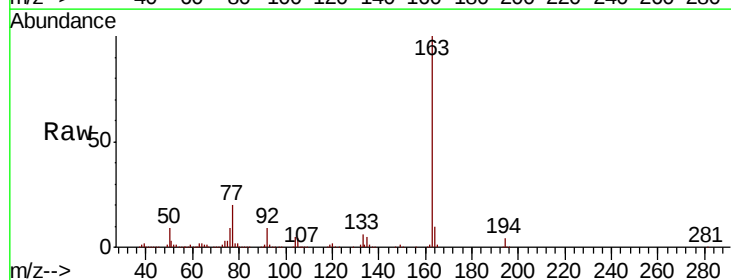
Tgt Ion:163 Resp: 354876

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

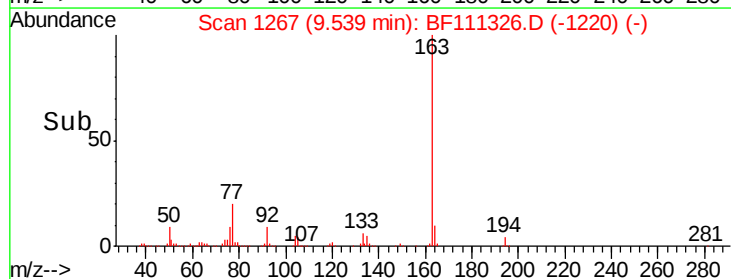
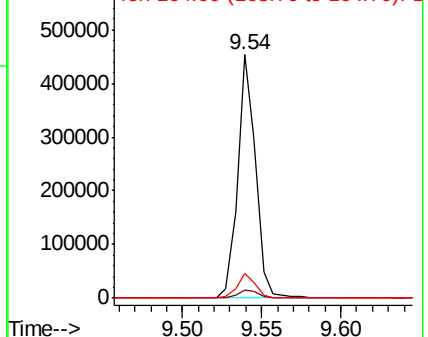
164 10.0 8.9 13.3

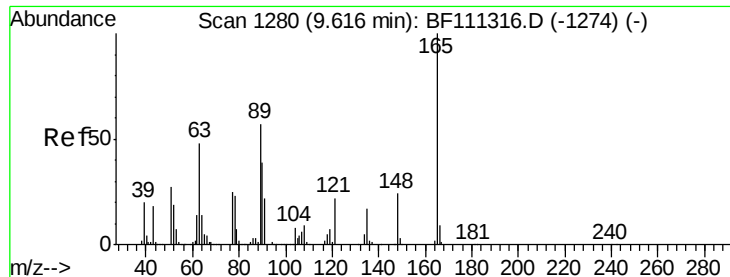


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 0.465 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.08 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)

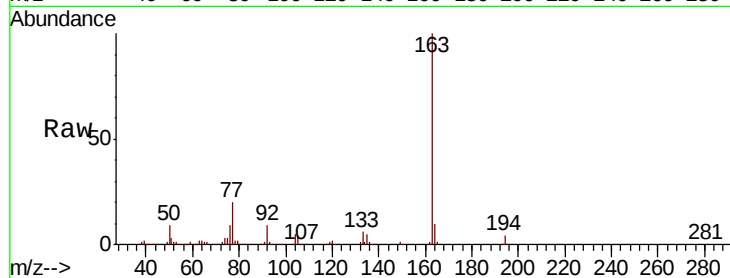
Tgt Ion:165 Resp: 3921

Ion Ratio Lower Upper

165 100

63 169.3 40.5 60.7#

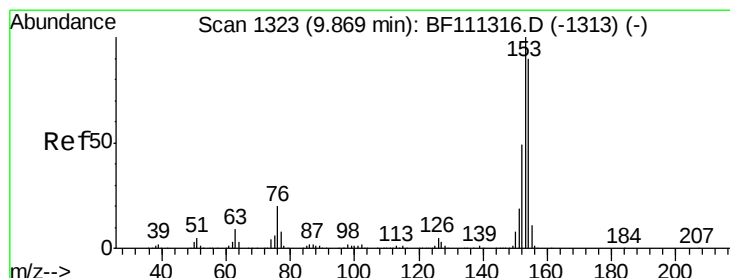
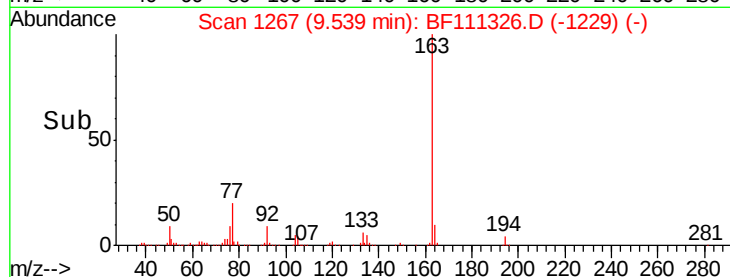
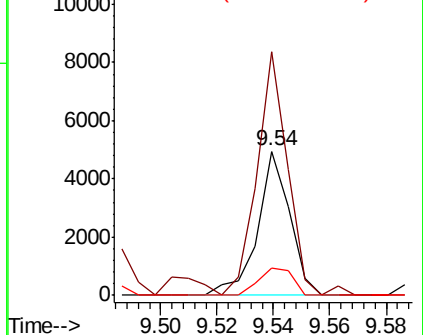
89 19.2 40.0 60.0#



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: 1.689 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

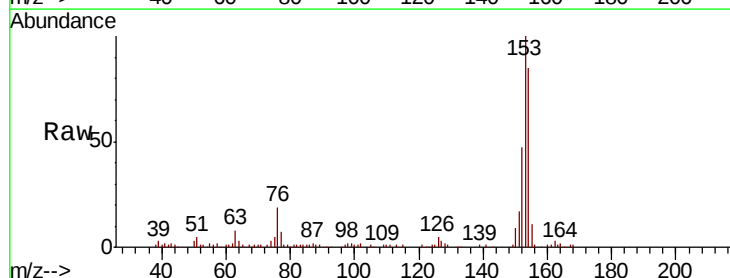
Tgt Ion:154 Resp: 53770

Ion Ratio Lower Upper

154 100

153 118.2 87.8 131.8

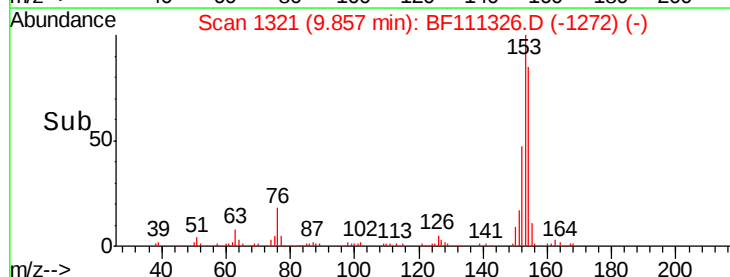
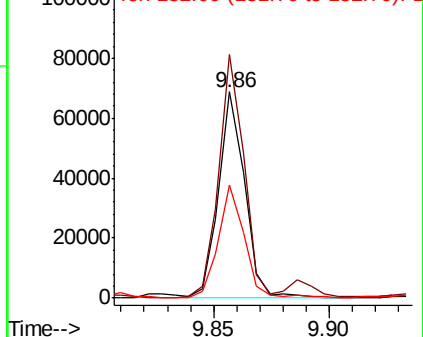
152 55.1 43.4 65.2

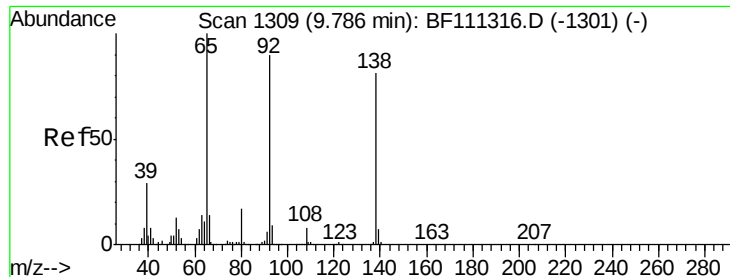


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

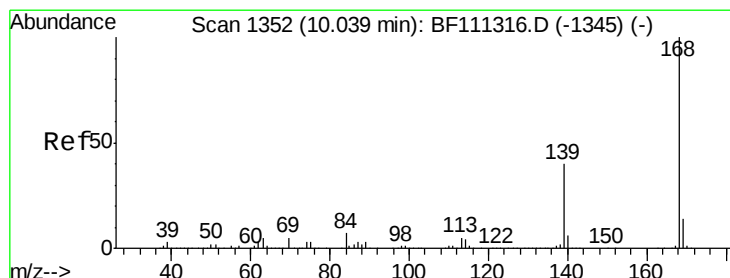
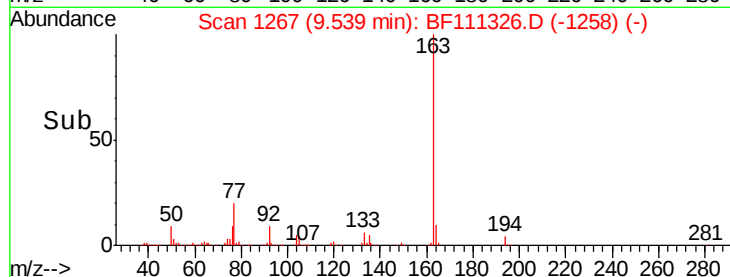
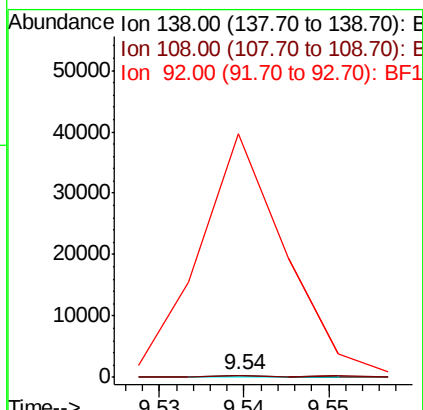
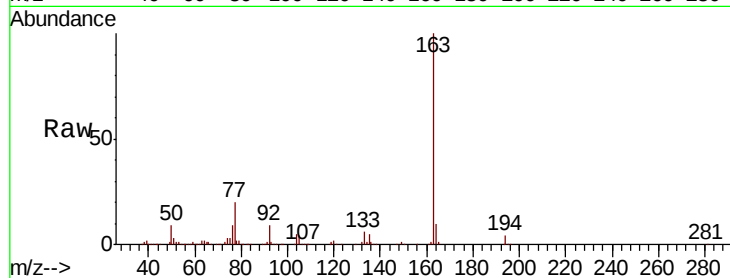




#53
 3-Nitroaniline
 Concen: 0.011 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.25 min
 Lab File: BF111326.D
 Acq: 12 Dec 2018 17:26

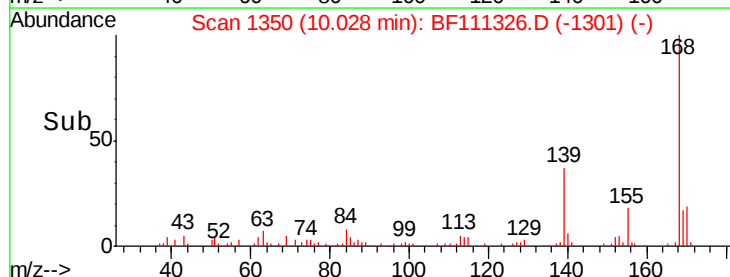
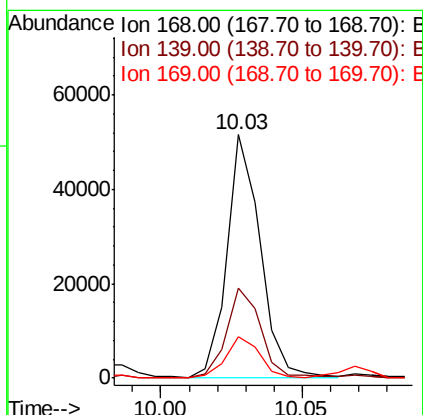
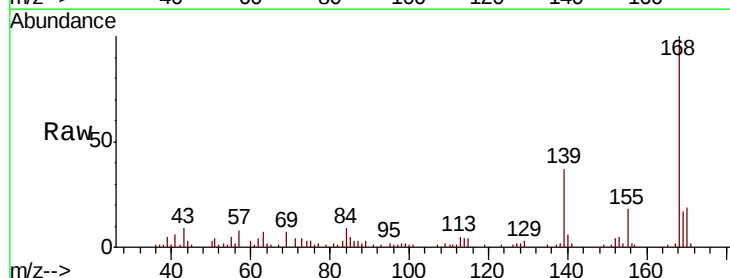
Instrument :
 BNA_F
 ClientSampleId :
 SB-5(0-2)

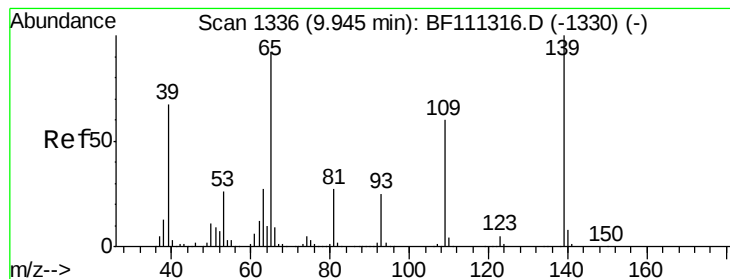
Tgt Ion:138 Resp: 107
 Ion Ratio Lower Upper
 138 100
 108 111.9 8.2 12.4#
 92 13093.1 93.4 140.2#



#55
 Dibenzofuran
 Concen: 0.922 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF111326.D
 Acq: 12 Dec 2018 17:26

Tgt Ion:168 Resp: 42380
 Ion Ratio Lower Upper
 168 100
 139 36.8 32.6 49.0
 169 16.8 11.8 17.6





#56

4-Nitrophenol

Concen: 2.214 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.08 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)

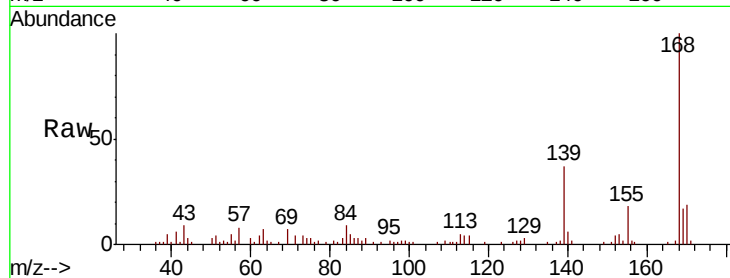
Tgt Ion:139 Resp: 16150

Ion Ratio Lower Upper

139 100

109 4.9 41.8 81.8#

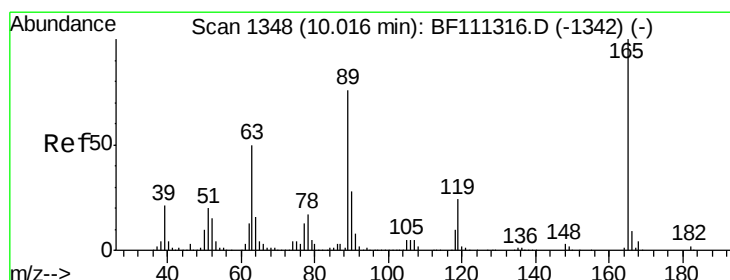
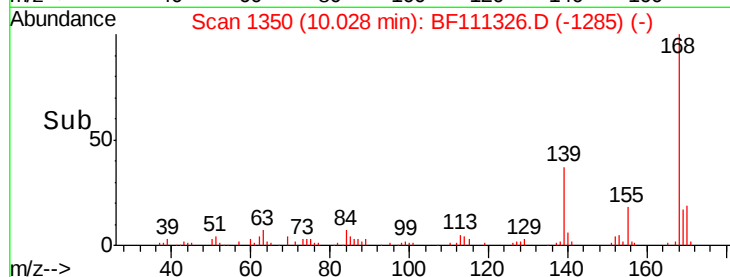
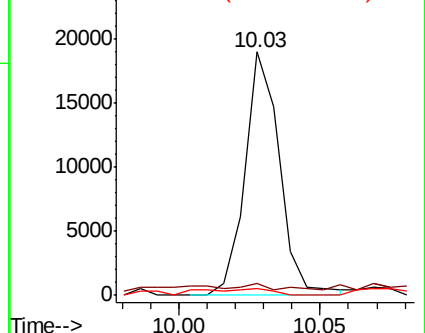
65 2.9 79.6 119.6#



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: 6.475 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Tgt Ion:165 Resp: 69933

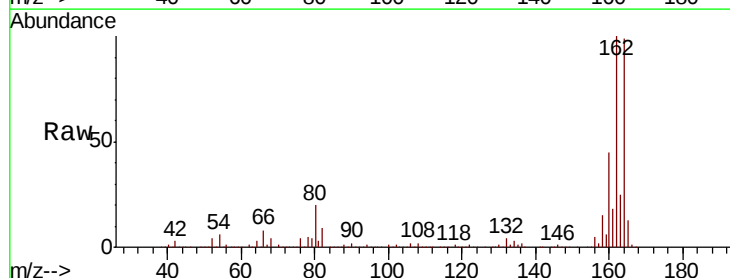
Ion Ratio Lower Upper

165 100

63 1.3 34.6 52.0#

89 1.6 56.2 84.4#

182 0.0 1.8 2.6#

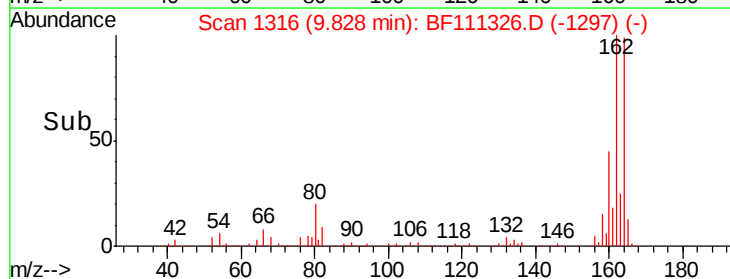
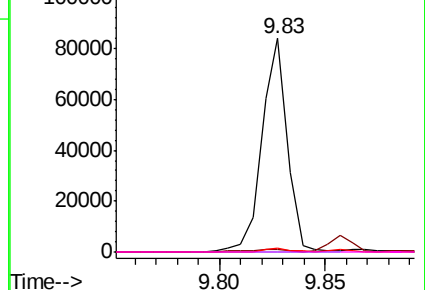


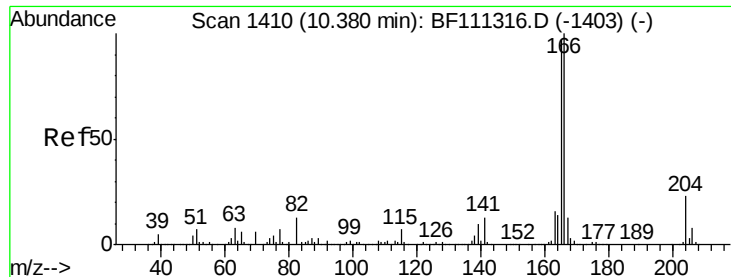
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 1.970 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)

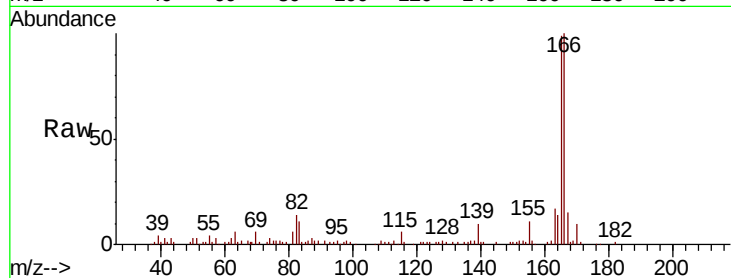
Tgt Ion:166 Resp: 64754

Ion Ratio Lower Upper

166 100

165 99.1 78.4 117.6

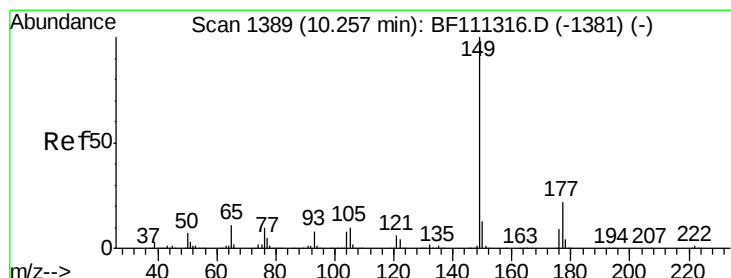
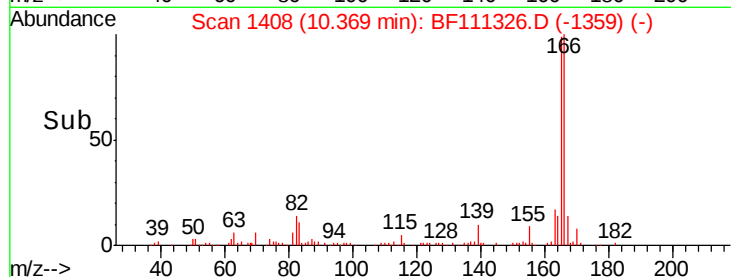
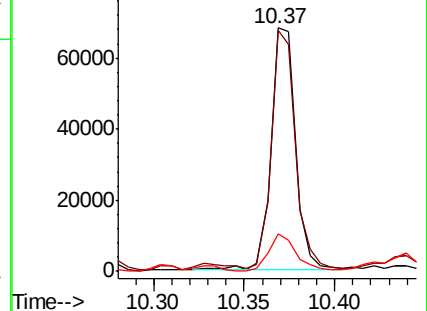
167 15.5 11.2 16.8



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: 0.619 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

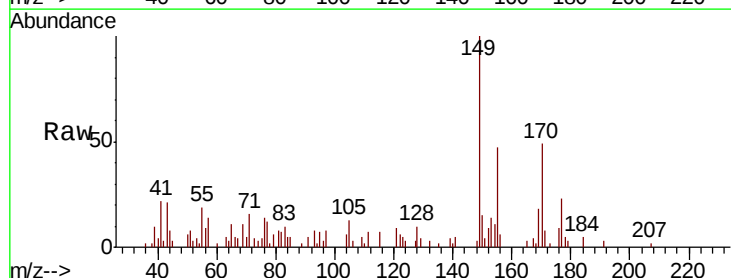
Tgt Ion:149 Resp: 23685

Ion Ratio Lower Upper

149 100

177 23.2 18.3 27.5

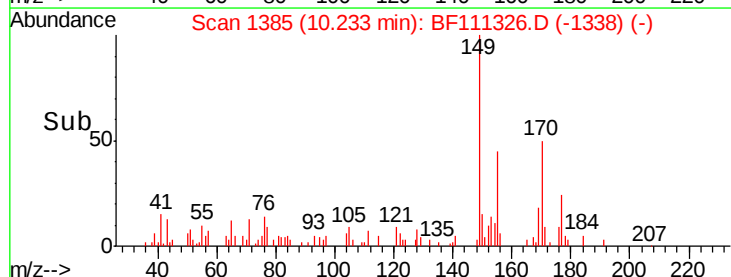
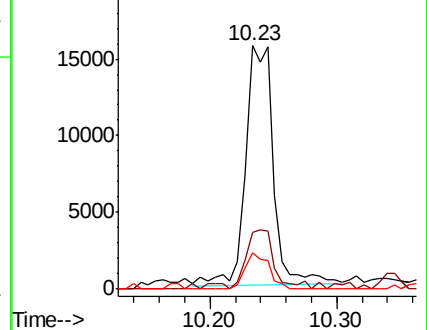
150 15.0 10.6 15.8

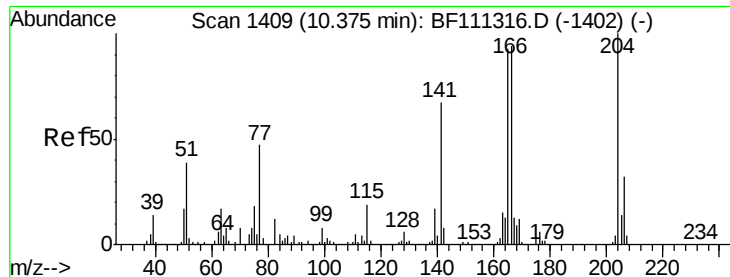


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

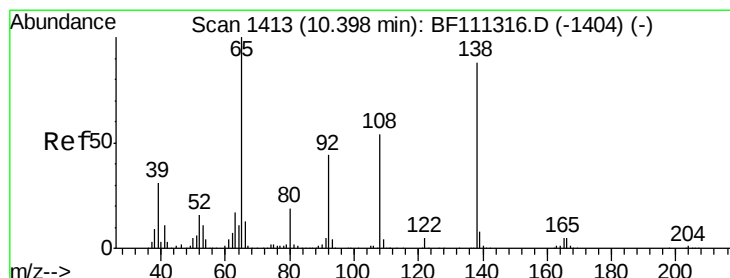
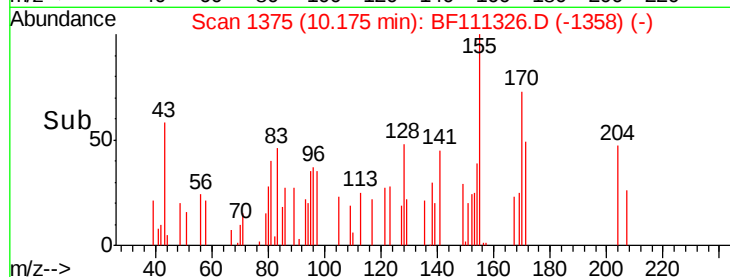
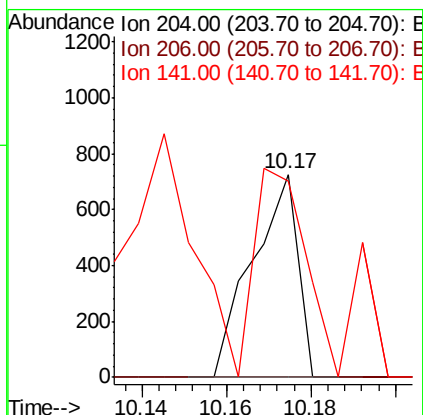
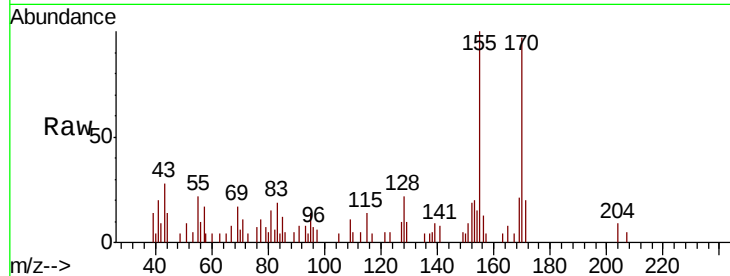




#61
 4-Chlorophenyl-phenylether
 Concen: 0.034 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.20 min
 Lab File: BF111326.D
 Acq: 12 Dec 2018 17:26

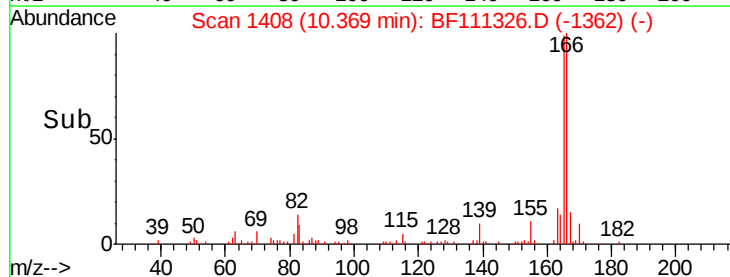
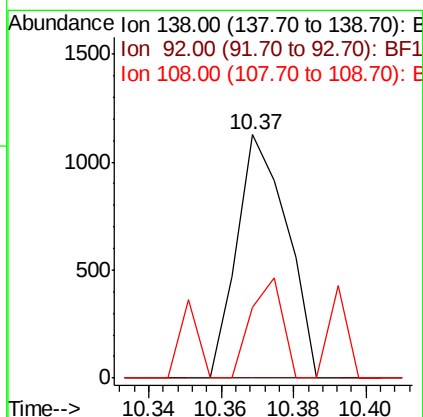
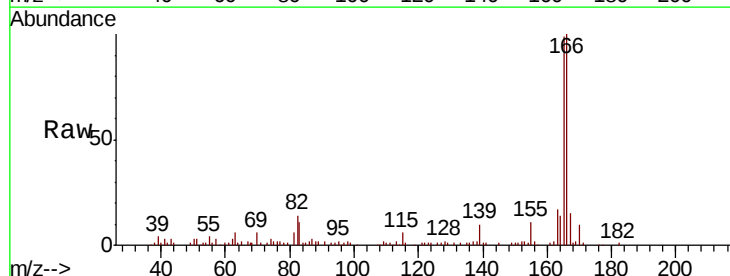
Instrument :
 BNA_F
 ClientSampled :
 SB-5(0-2)

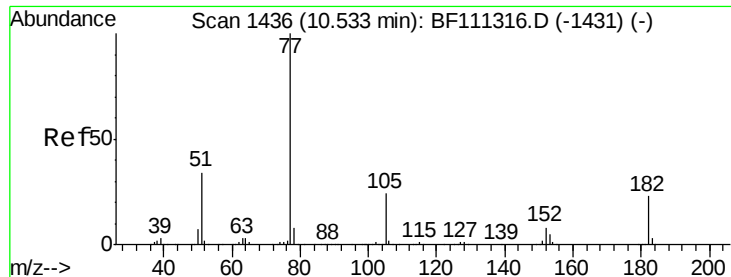
Tgt Ion:204 Resp: 546
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.6 39.8#
 141 96.4 52.6 78.8#



#62
 4-Nitroaniline
 Concen: 0.111 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.03 min
 Lab File: BF111326.D
 Acq: 12 Dec 2018 17:26

Tgt Ion:138 Resp: 1085
 Ion Ratio Lower Upper
 138 100
 92 0.0 29.9 69.9#
 108 29.1 43.2 83.2#





#63

Azobenzene

Concen: 0.076 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

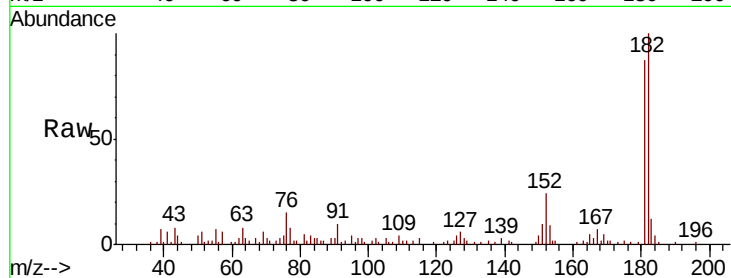
ClientSampleId :

SB-5(0-2)

Tgt Ion: 77 Resp: 2920

Ion Ratio Lower Upper

77	100		
182	1330.2	4.9	44.9#
105	37.0	6.0	46.0
51	82.7	14.7	54.7#



Abundance

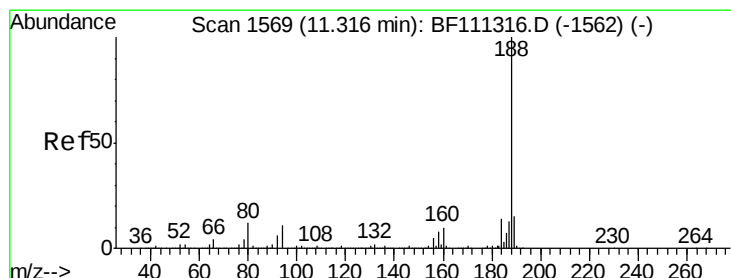
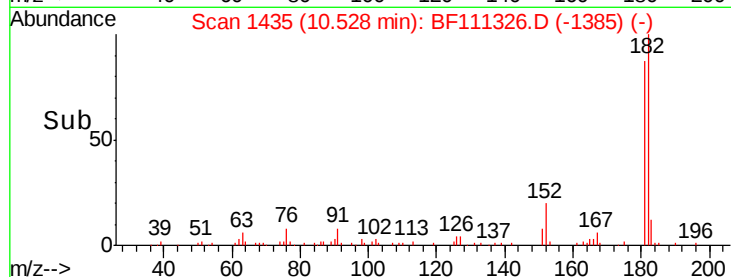
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

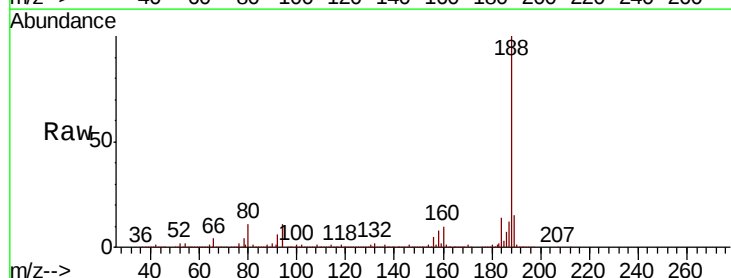
Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Tgt Ion: 188 Resp: 766856

Ion Ratio Lower Upper

188	100		
94	10.7	9.6	14.4
80	11.5	9.8	14.6



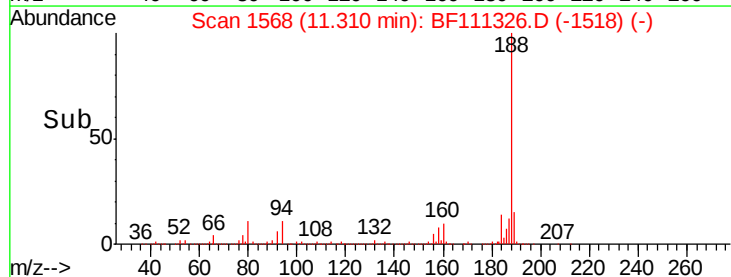
Abundance

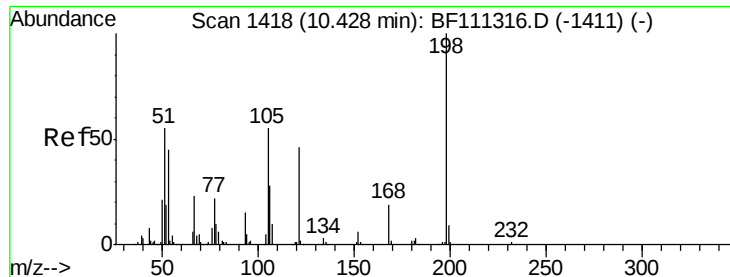
Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->

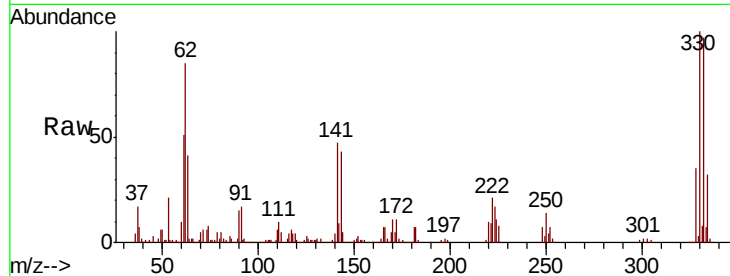




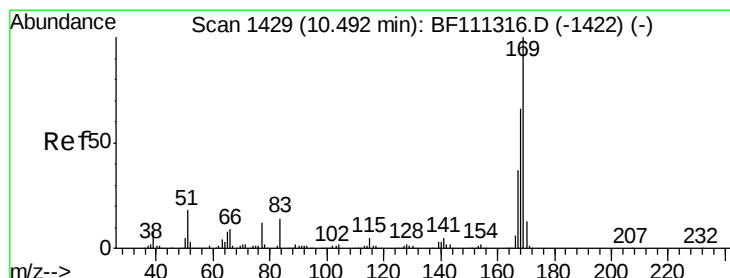
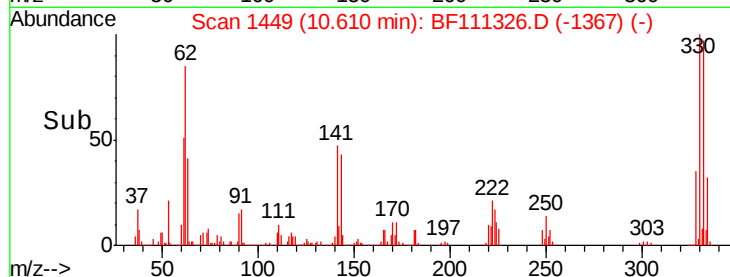
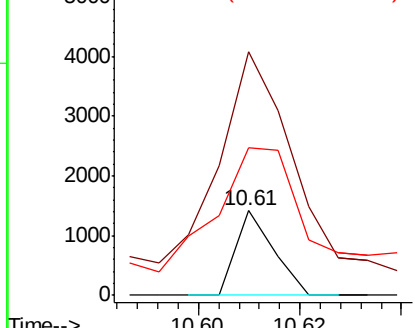
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.165 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.18 min
 Lab File: BF111326.D
 Acq: 12 Dec 2018 17:26

Instrument :
 BNA_F
 ClientSampled :
 SB-5(0-2)

Tgt Ion:198 Resp: 728
 Ion Ratio Lower Upper
 198 100
 51 288.5 48.0 88.0#
 105 174.9 34.0 74.0#

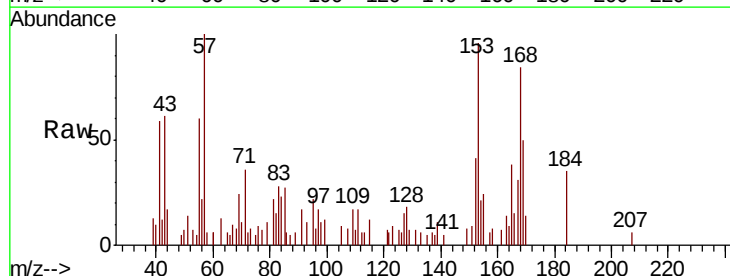


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

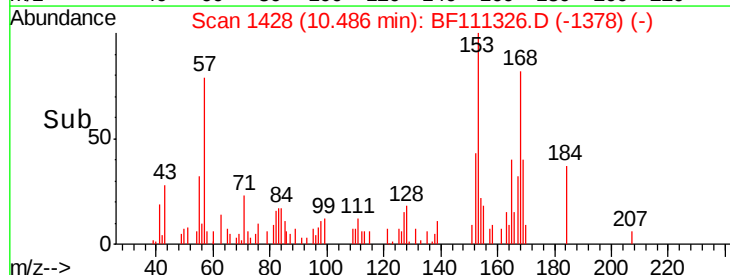
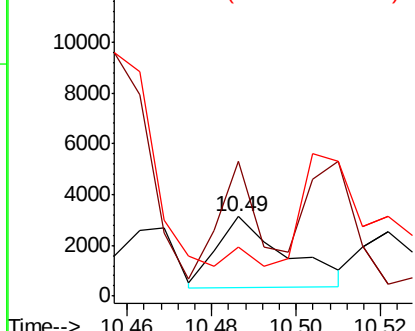


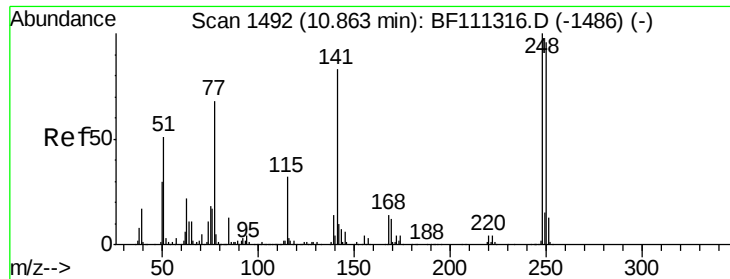
#66
 n-Nitrosodiphenylamine
 Concen: 0.117 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF111326.D
 Acq: 12 Dec 2018 17:26

Tgt Ion:169 Resp: 3203
 Ion Ratio Lower Upper
 169 100
 168 168.7 54.4 81.6#
 167 61.8 30.5 45.7#



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

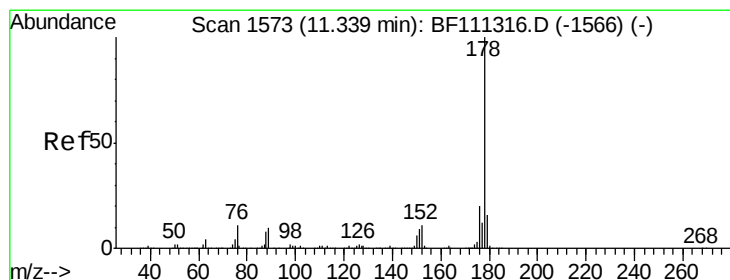
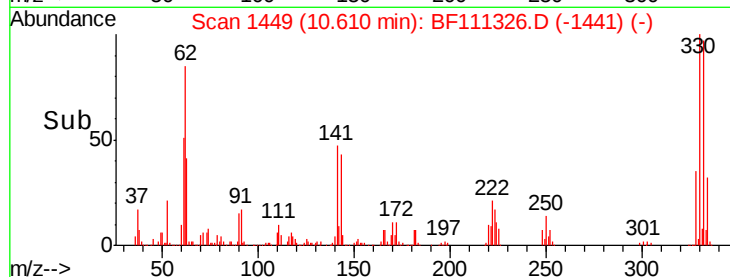
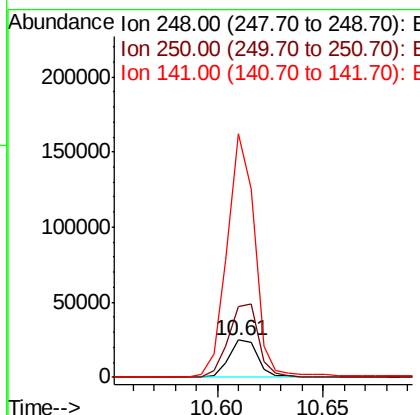
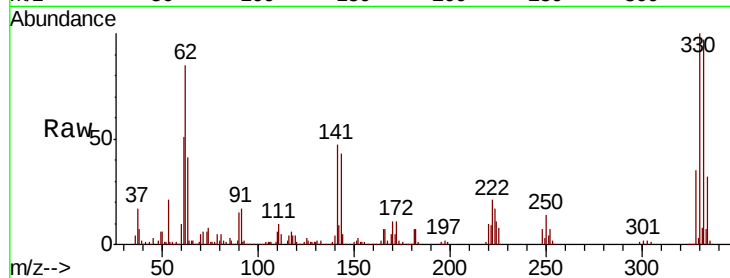




#67
 4-Bromophenyl-phenylether
 Concen: 2.757 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.25 min
 Lab File: BF111326.D
 Acq: 12 Dec 2018 17:26

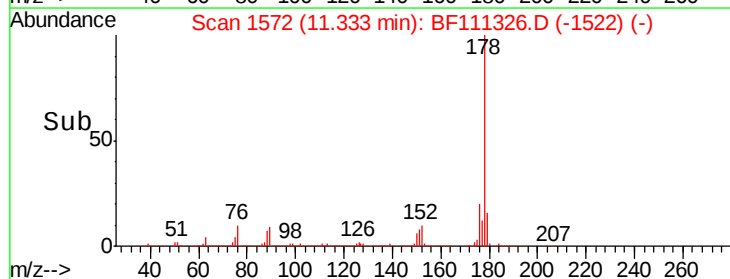
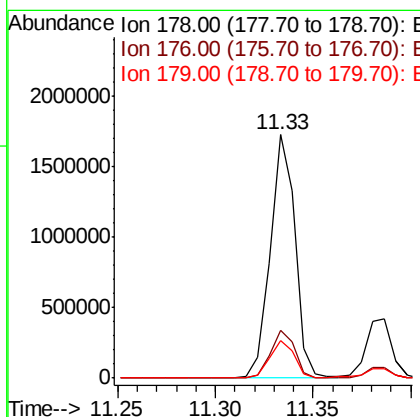
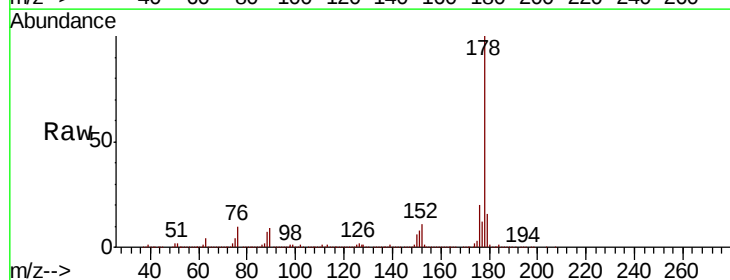
Instrument :
 BNA_F
 ClientSampleId :
 SB-5(0-2)

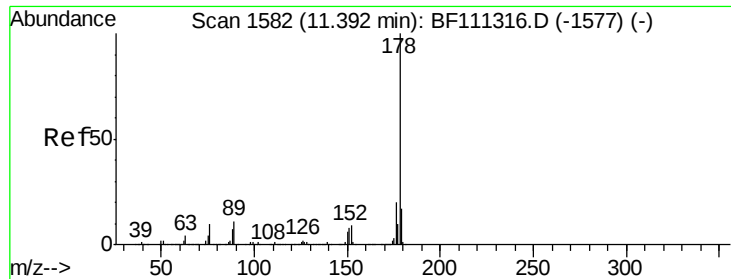
Tgt Ion:248 Resp: 23539
 Ion Ratio Lower Upper
 248 100
 250 192.0 77.0 115.4#
 141 655.5 63.0 94.6#



#71
 Phenanthrene
 Concen: 38.126 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF111326.D
 Acq: 12 Dec 2018 17:26

Tgt Ion:178 Resp: 1511198
 Ion Ratio Lower Upper
 178 100
 176 19.7 18.1 27.1
 179 15.6 14.0 21.0

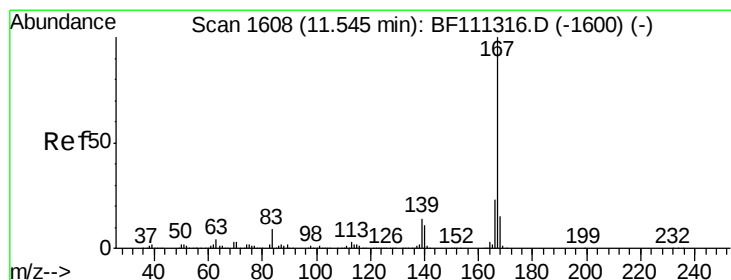
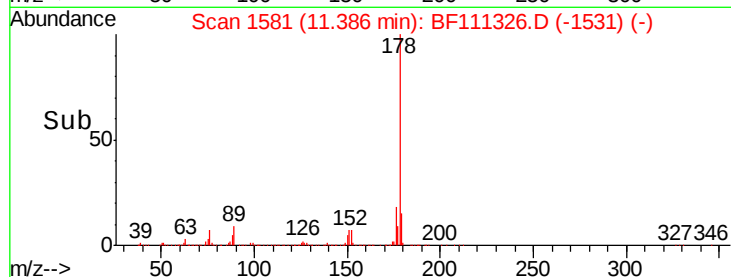
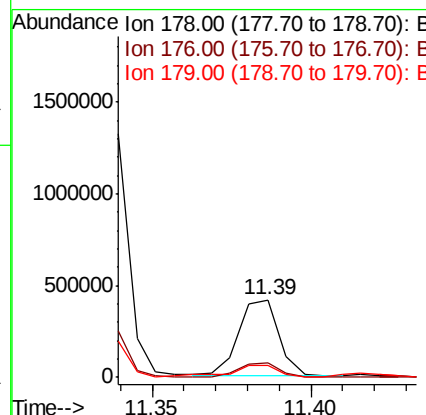
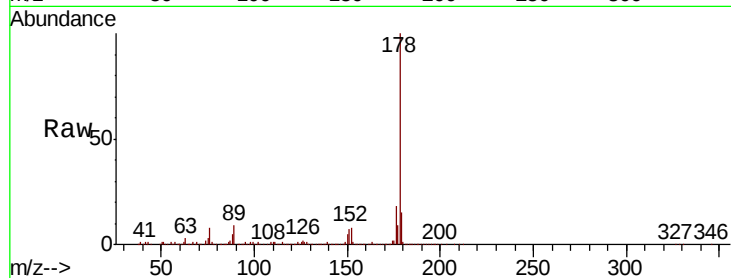




#72
 Anthracene
 Concen: 9.126 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF111326.D
 Acq: 12 Dec 2018 17:26

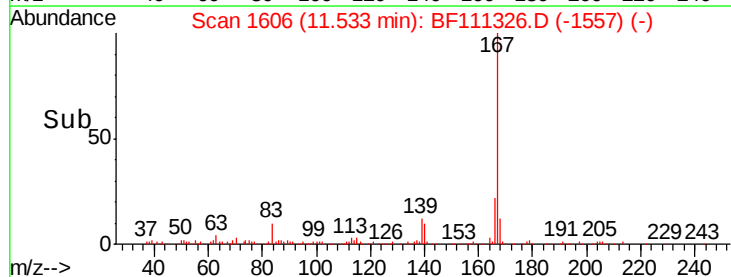
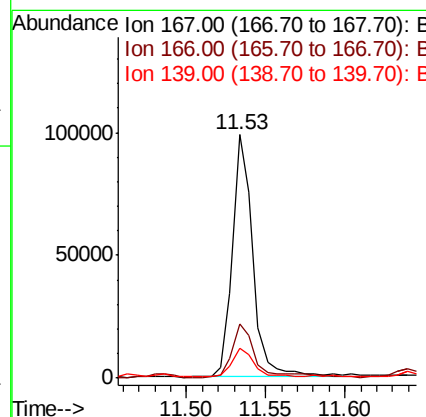
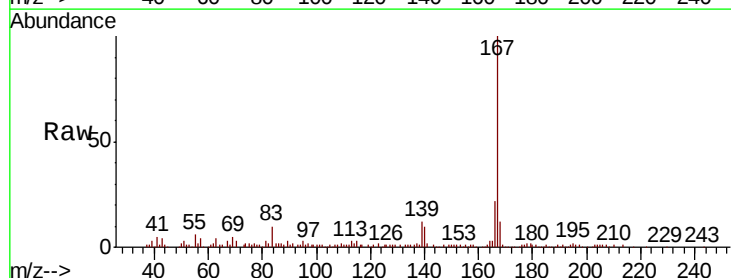
Instrument :
 BNA_F
 ClientSampleId :
 SB-5(0-2)

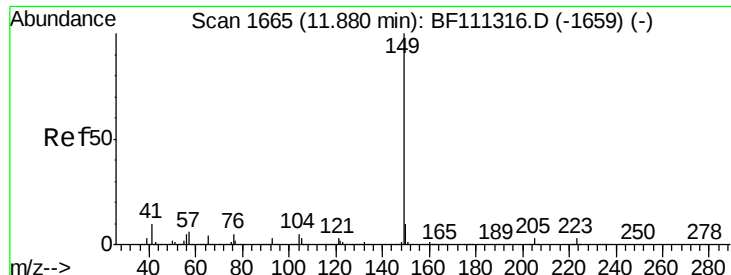
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	17.2	25.8
179	14.9	13.8	20.8



#73
 Carbazole
 Concen: 2.129 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF111326.D
 Acq: 12 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	19.3	28.9
139	12.3	11.9	17.9

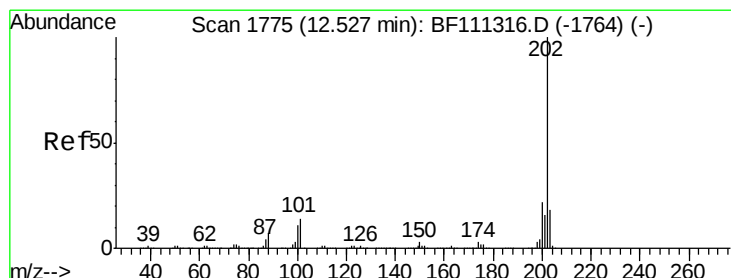
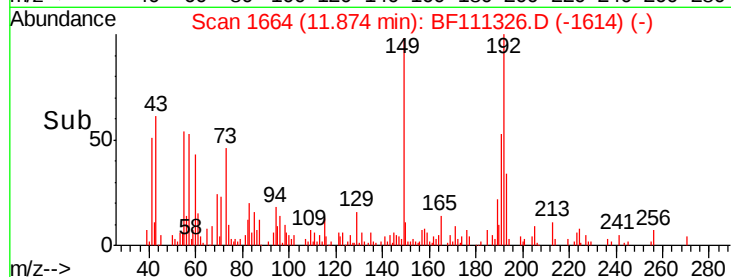
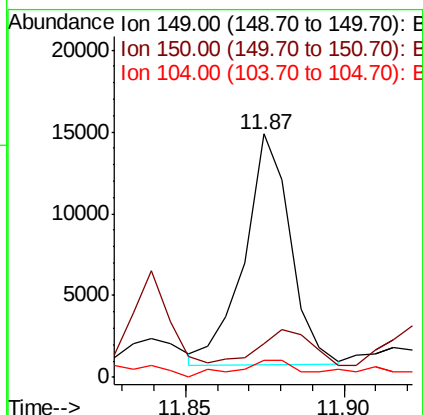
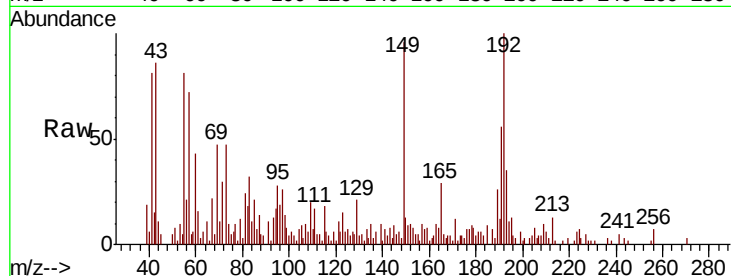




#74
Di-n-butylphthalate
Concen: 0.301 ng
RT: 11.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

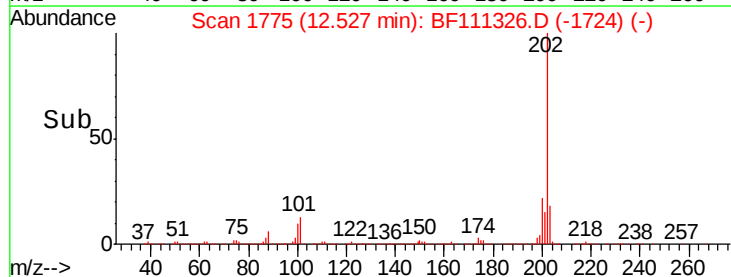
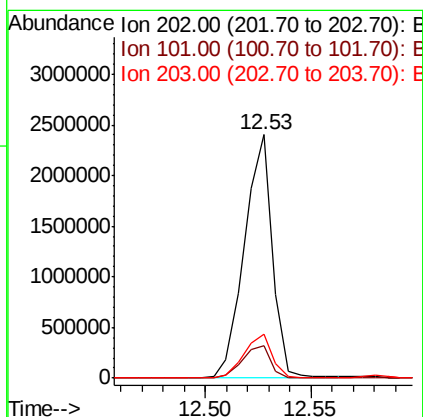
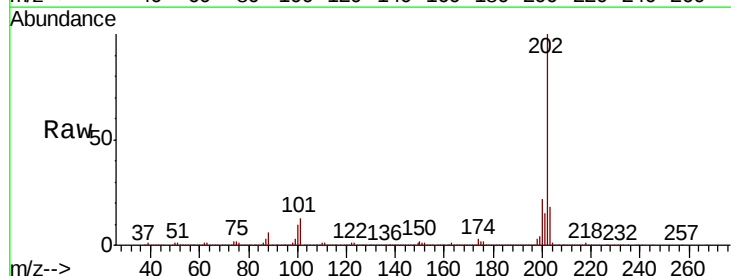
Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

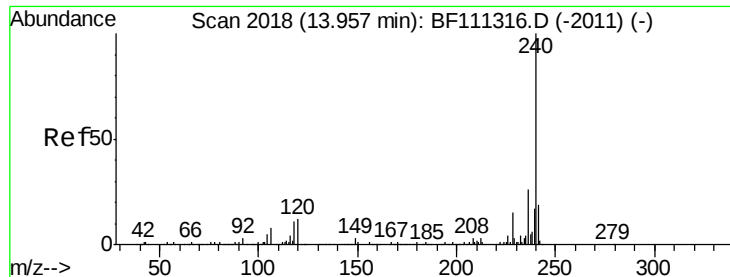
Tgt Ion:149 Resp: 14310
Ion Ratio Lower Upper
149 100
150 13.8 8.8 13.2#
104 6.9 4.5 6.7#



#75
Fluoranthene
Concen: 56.914 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Tgt Ion:202 Resp: 2202272
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.8
203 18.2 0.0 38.6

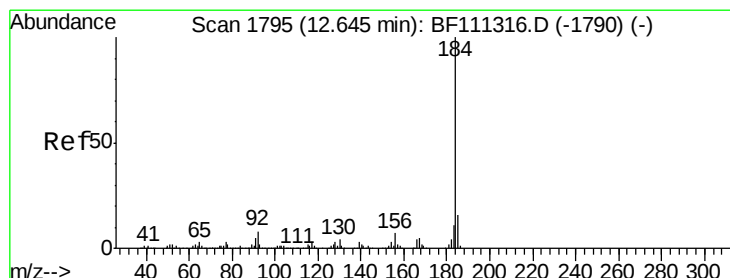
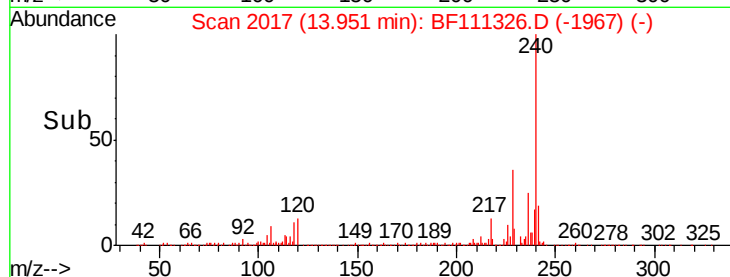
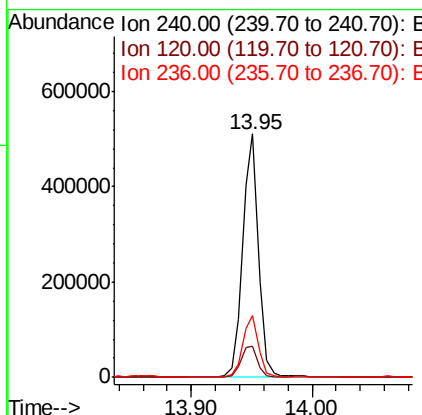
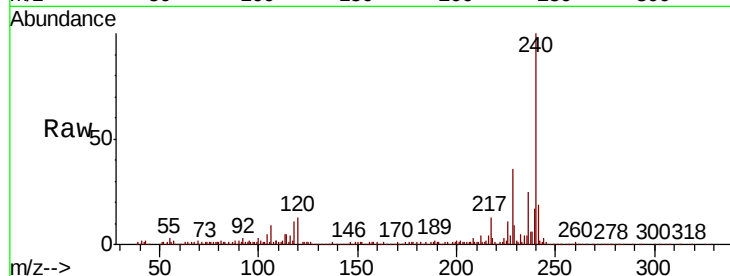




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

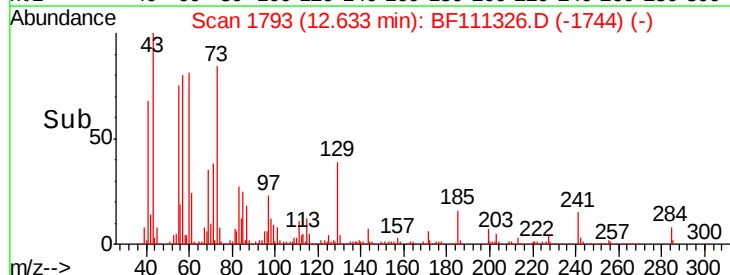
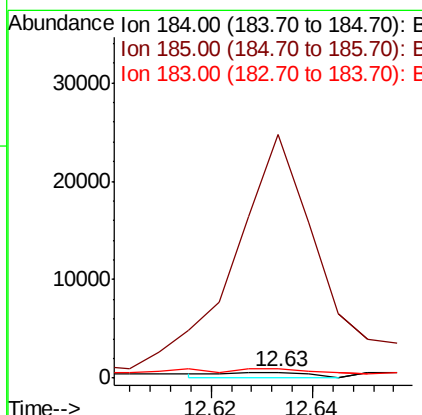
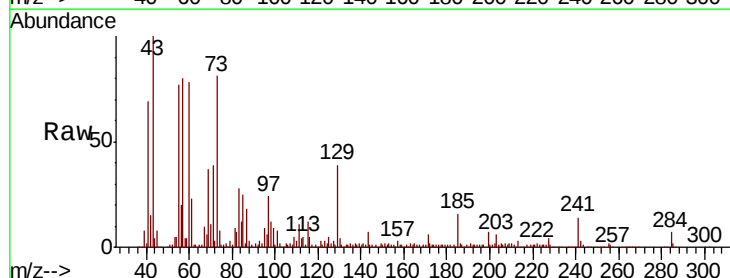
Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

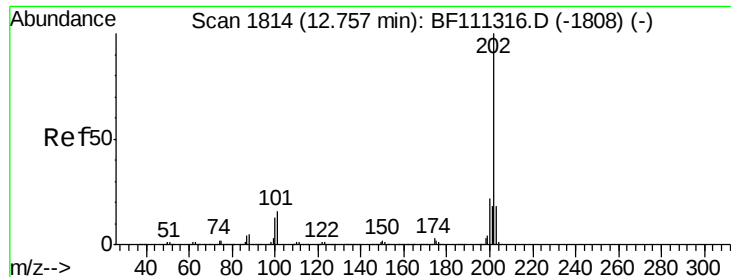
Tgt Ion:240 Resp: 464517
Ion Ratio Lower Upper
240 100
120 12.8 12.2 18.2
236 25.3 20.2 30.2



#77
Benzidine
Concen: 0.081 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Tgt Ion:184 Resp: 706
Ion Ratio Lower Upper
184 100
185 4310.8 13.0 19.6#
183 165.2 9.3 13.9#





#78

Pyrene

Concen: 53.540 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)

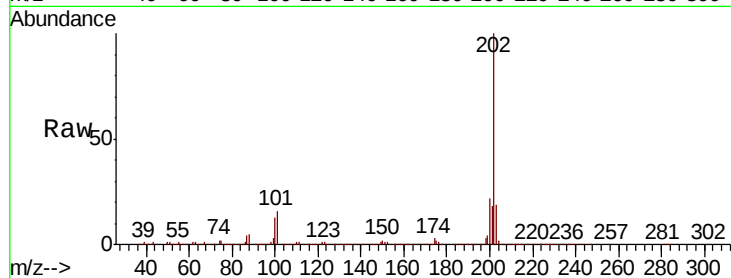
Tgt Ion:202 Resp: 1919425

Ion Ratio Lower Upper

202 100

200 21.7 19.0 28.4

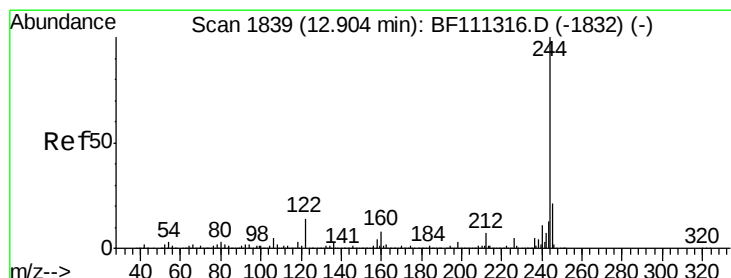
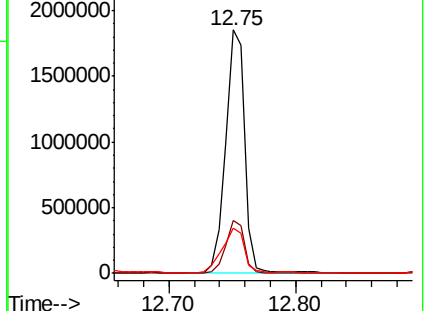
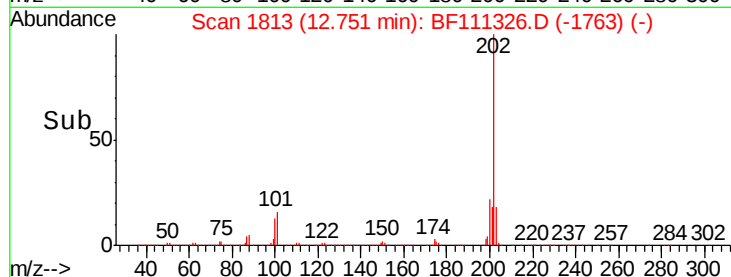
203 18.7 15.2 22.8



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: 75.148 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

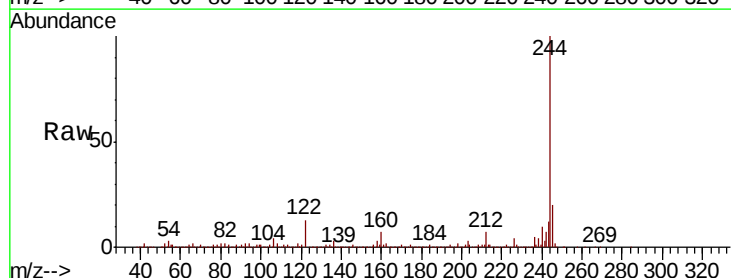
Tgt Ion:244 Resp: 1586022

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

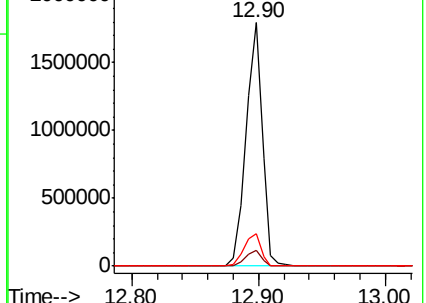
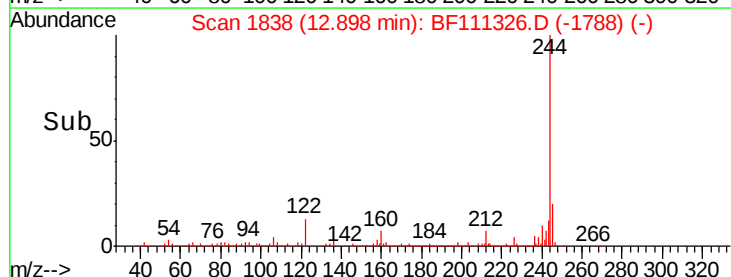
122 13.3 13.1 19.7

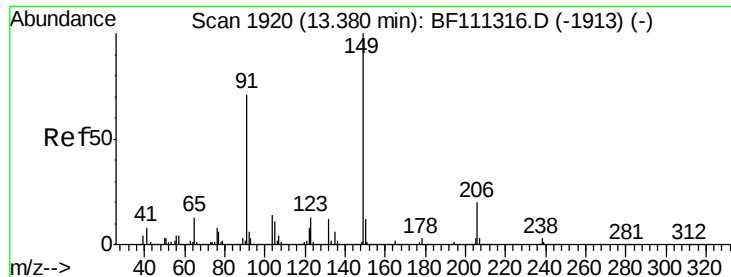


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

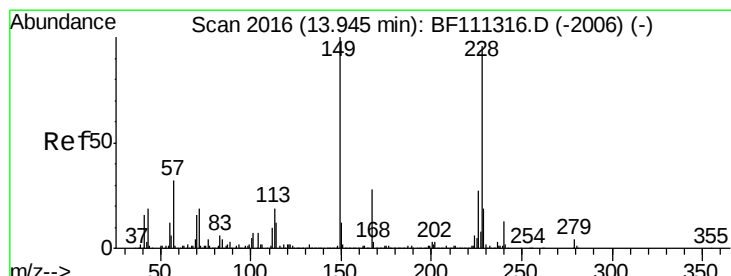
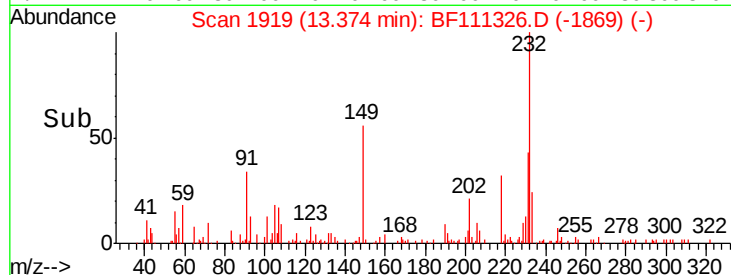
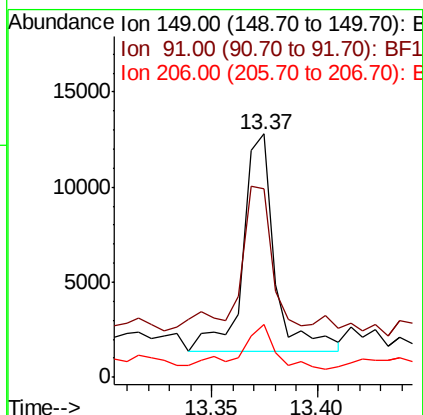
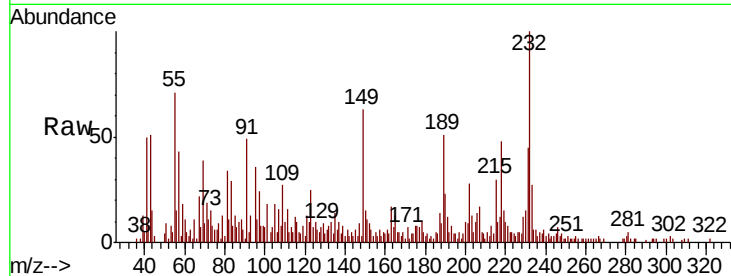




#80
Butylbenzylphthalate
Concen: 0.697 ng
RT: 13.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

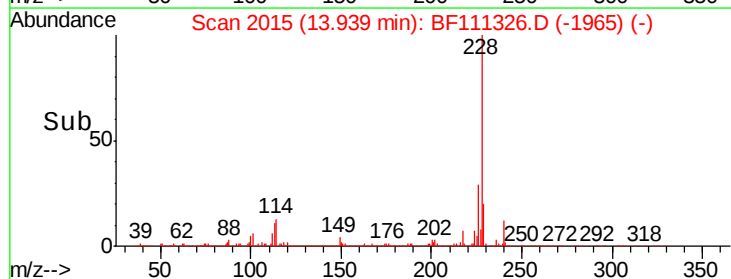
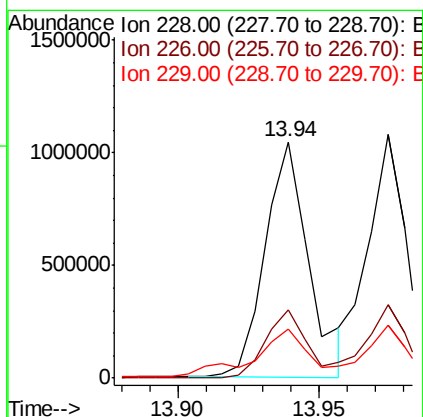
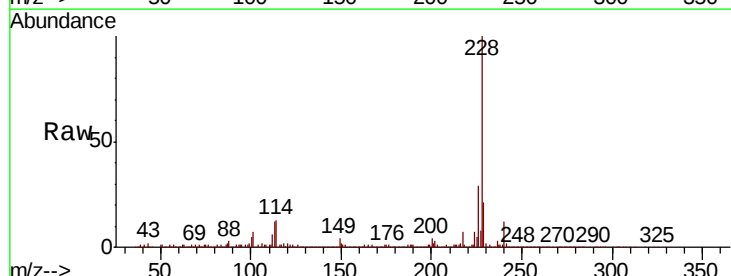
Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

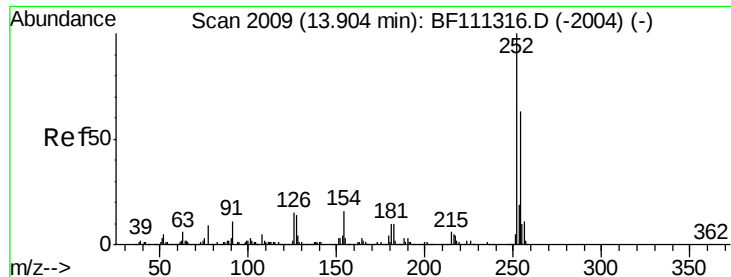
Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.5	63.8	95.6
206	21.7	15.1	22.7



#81
Benzo(a)anthracene
Concen: 43.226 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	20.8	16.3	24.5

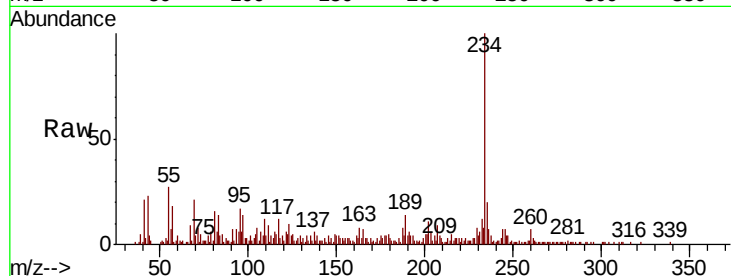




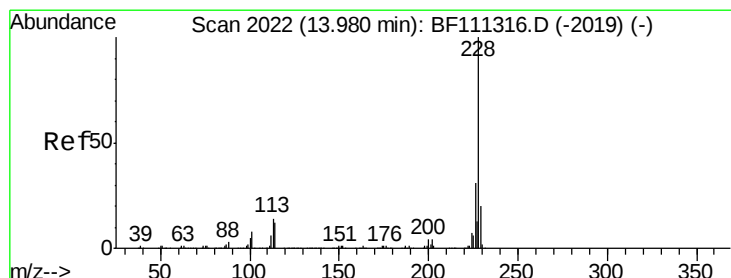
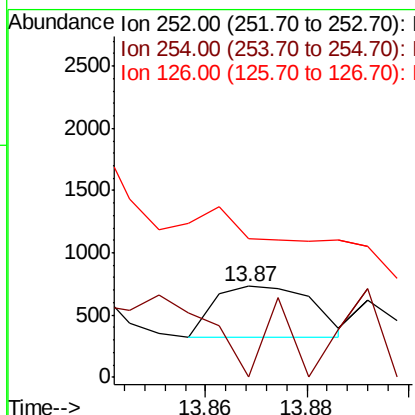
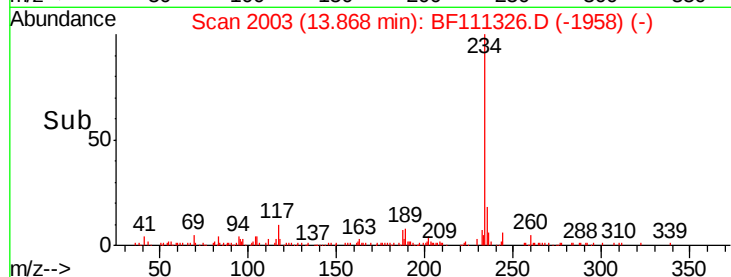
#82
 3,3'-Dichlorobenzidine
 Concen: 0.056 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.04 min
 Lab File: BF111326.D
 Acq: 12 Dec 2018 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(0-2)

Tgt Ion:252 Resp: 548
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.7 79.1#
 126 152.5 11.1 16.7#

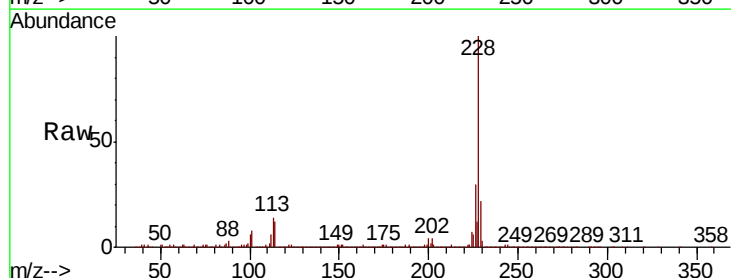


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

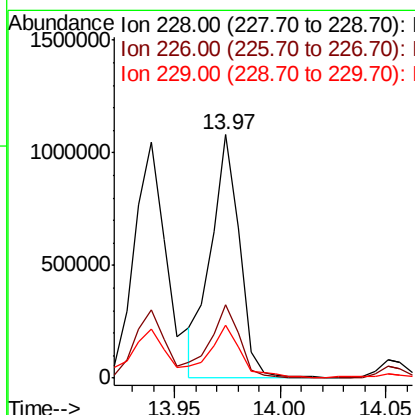
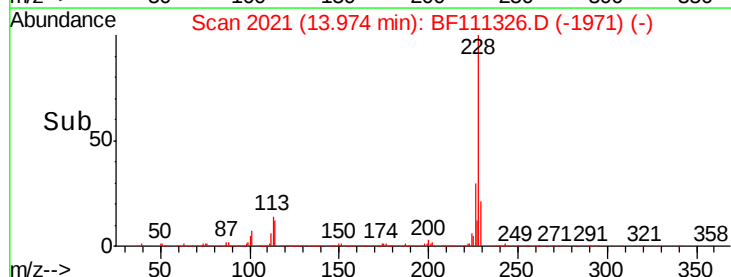


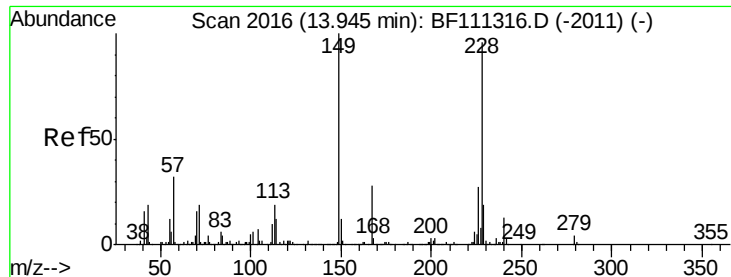
#83
 Chrysene
 Concen: 38.098 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF111326.D
 Acq: 12 Dec 2018 17:26

Tgt Ion:228 Resp: 1010242
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.3 37.9
 229 21.8 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: 4.698 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)

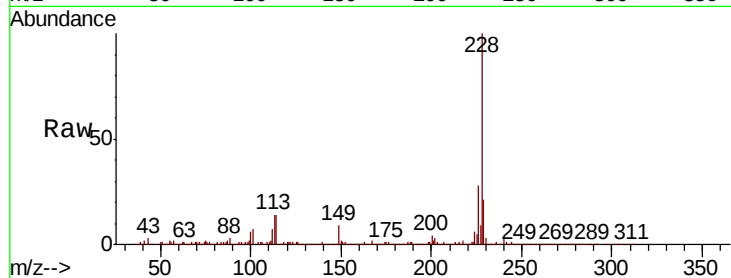
Tgt Ion:149 Resp: 98855

Ion Ratio Lower Upper

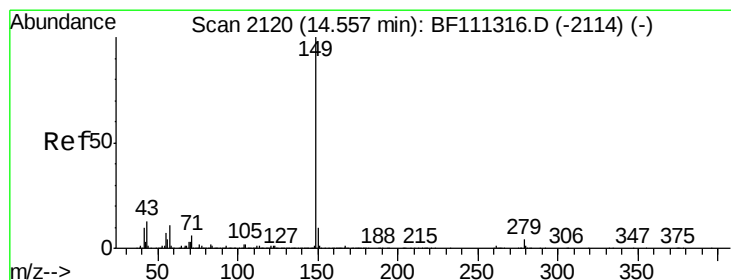
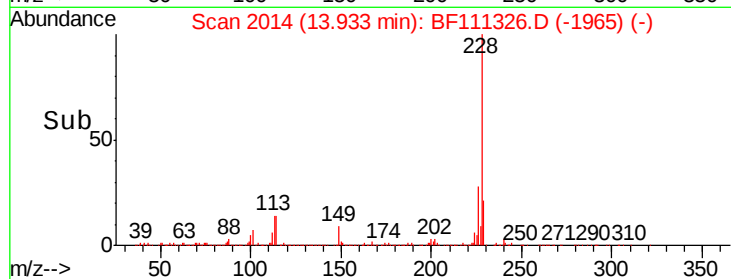
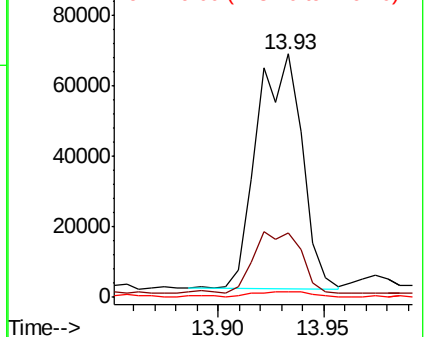
149 100

167 26.5 22.5 33.7

279 2.4 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: 0.037 ng

RT: 14.56 min Scan# 2121

Delta R.T. 0.01 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

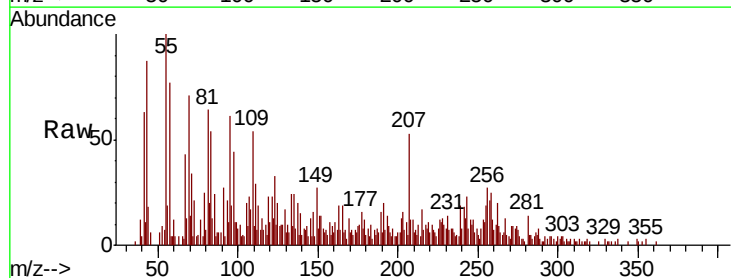
Tgt Ion:149 Resp: 1293

Ion Ratio Lower Upper

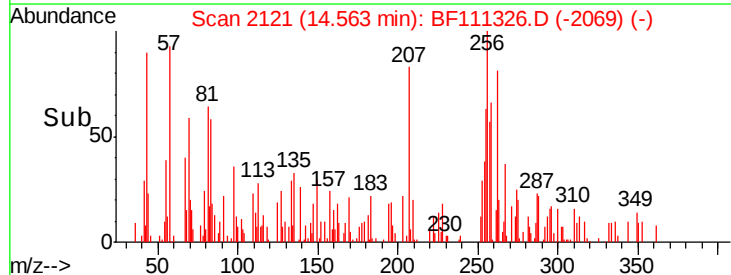
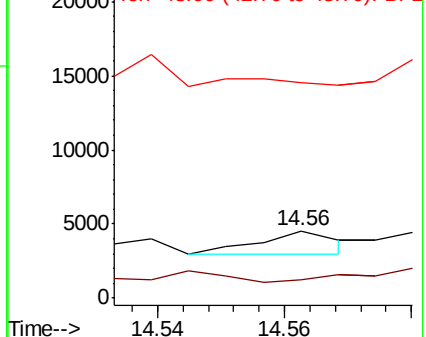
149 100

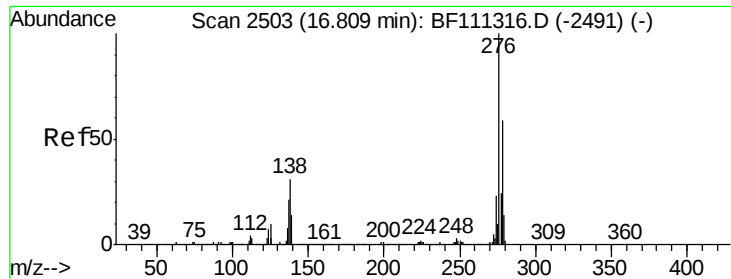
167 0.0 1.3 1.9#

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

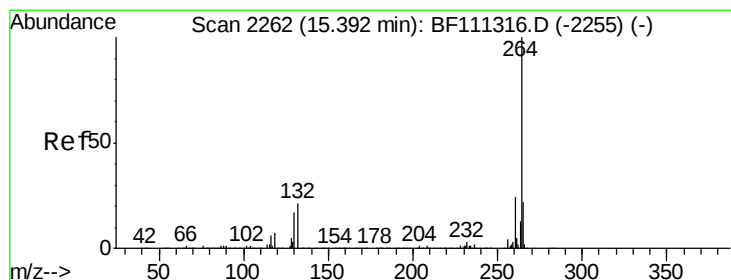
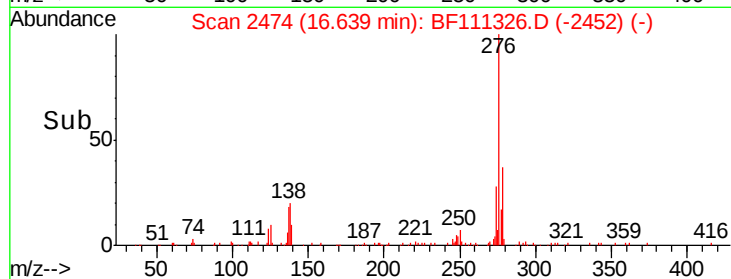
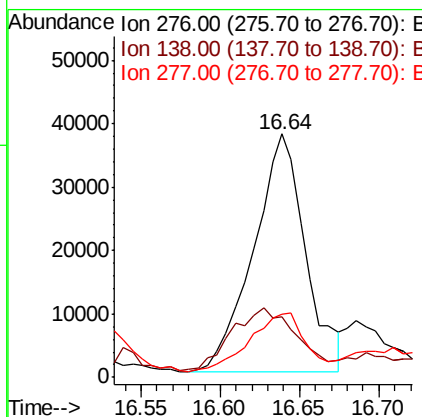
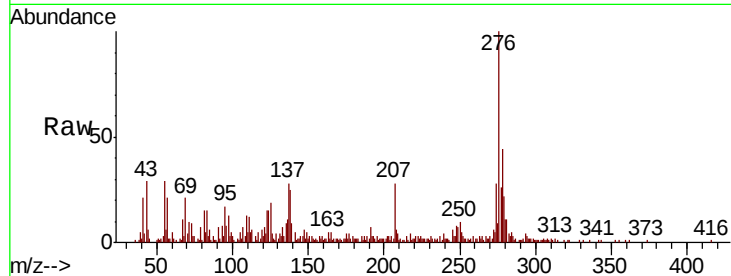




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 4.139 ng
 RT: 16.64 min Scan# 2474
 Delta R.T. -0.17 min
 Lab File: BF111326.D
 Acq: 12 Dec 2018 17:26

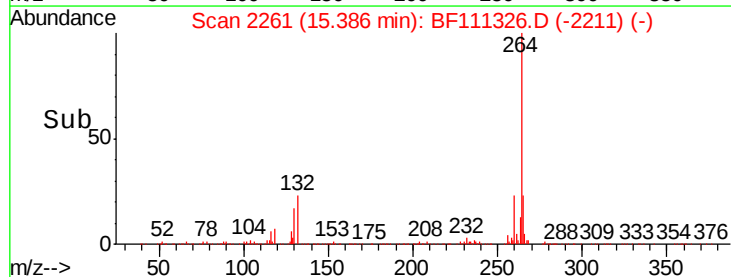
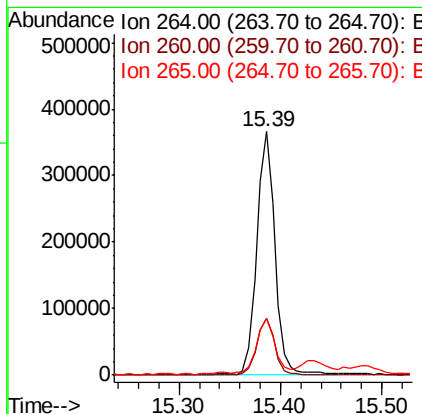
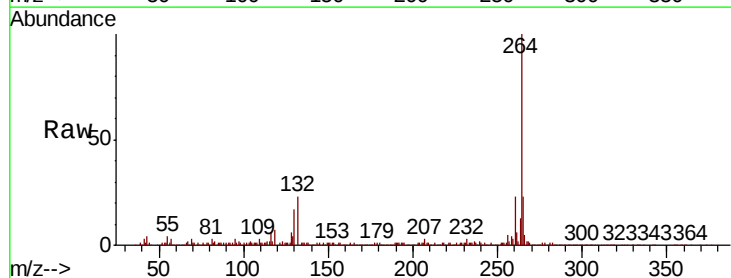
Instrument :
 BNA_F
 ClientSampleId :
 SB-5(0-2)

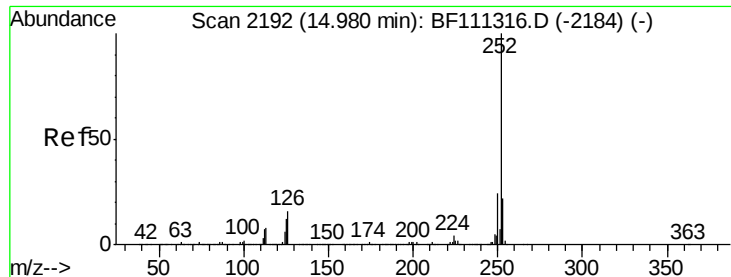
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.6	27.8	41.6
277	26.4	20.1	30.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BF111326.D
 Acq: 12 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	23.4	17.7	26.5

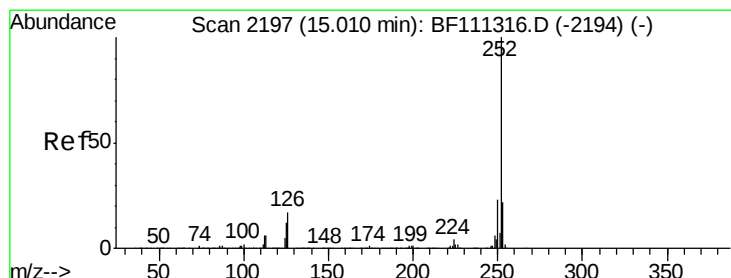
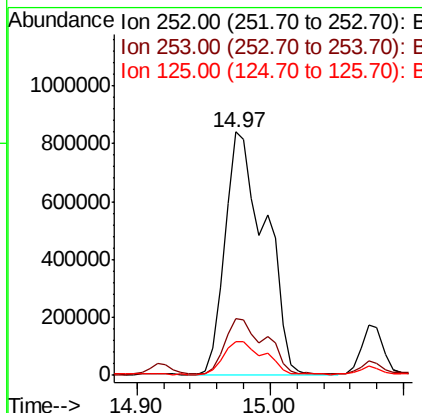
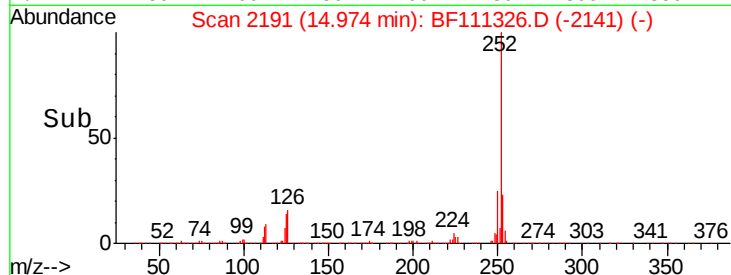
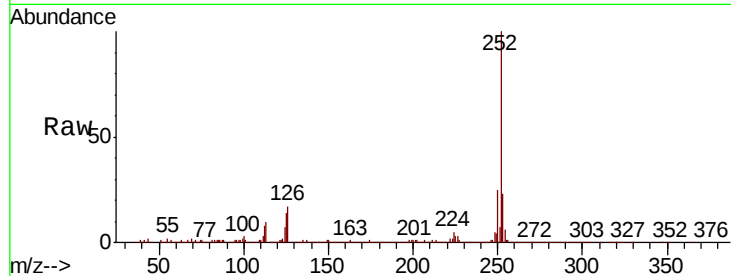




#88
Benzo(b)fluoranthene
Concen: 68.340 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

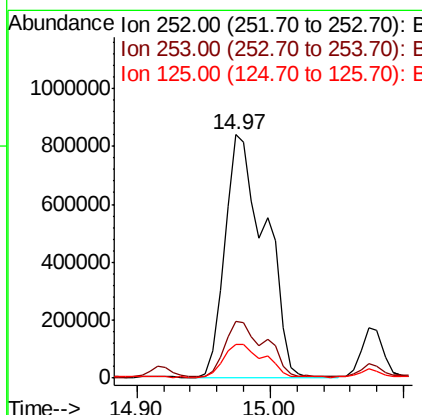
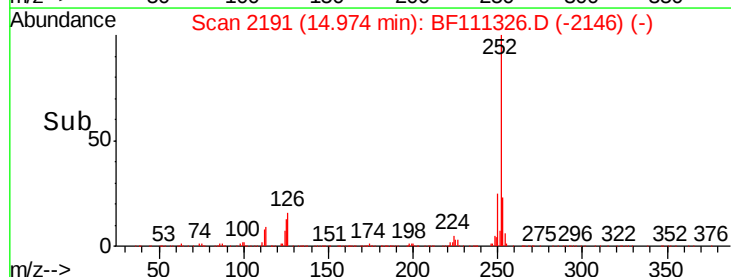
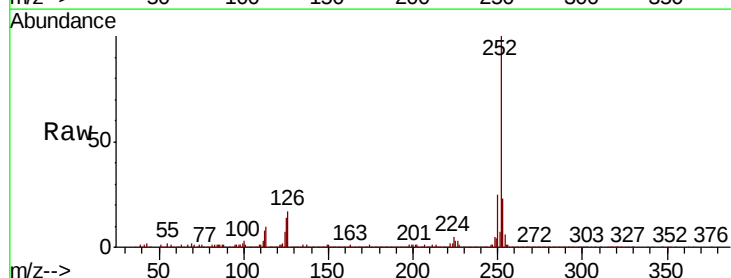
Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

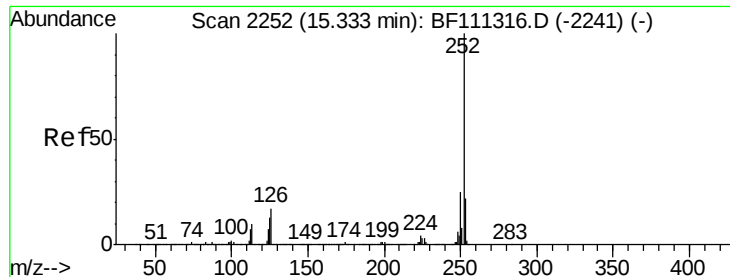
Tgt Ion:252 Resp: 1758760
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 13.9 10.4 15.6



#89
Benzo(k)fluoranthene
Concen: 68.465 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF111326.D
Acq: 12 Dec 2018 17:26

Tgt Ion:252 Resp: 1758760
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 13.9 9.8 14.8





#90

Benzo(a)pyrene

Concen: 37.446 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)

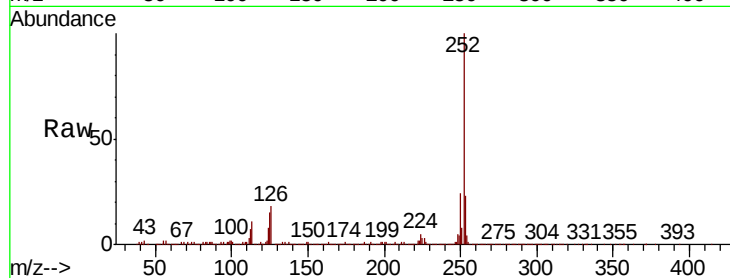
Tgt Ion:252 Resp: 897299

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

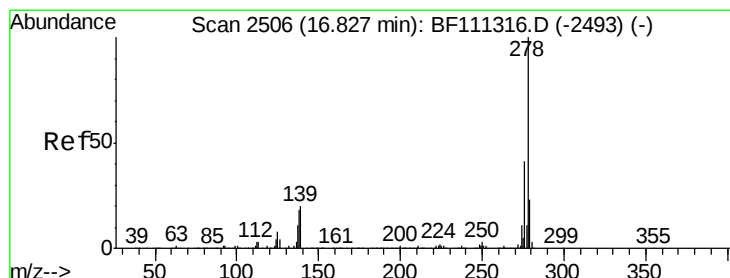
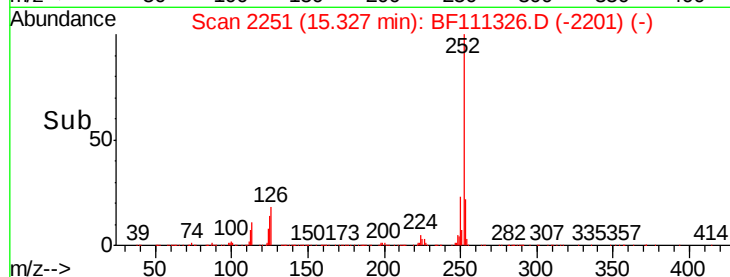
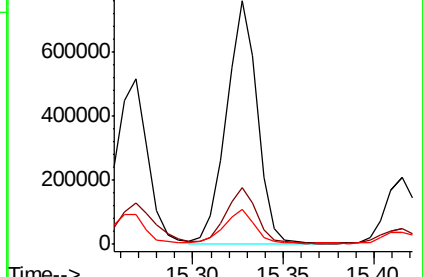
125 14.6 12.3 18.5



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: 6.498 ng

RT: 16.80 min Scan# 2502

Delta R.T. -0.02 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

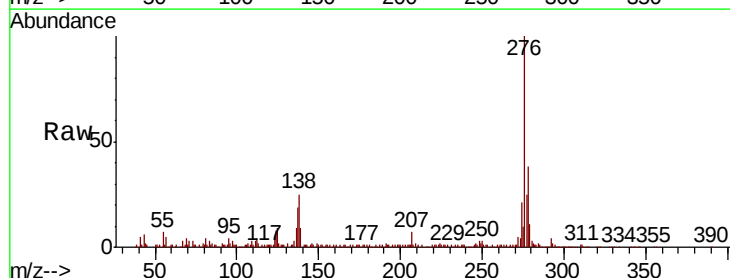
Tgt Ion:278 Resp: 129542

Ion Ratio Lower Upper

278 100

139 24.3 18.2 27.4

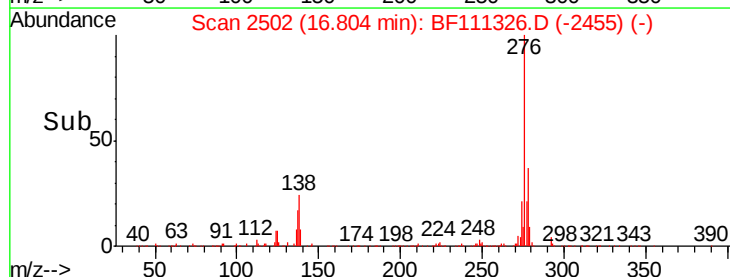
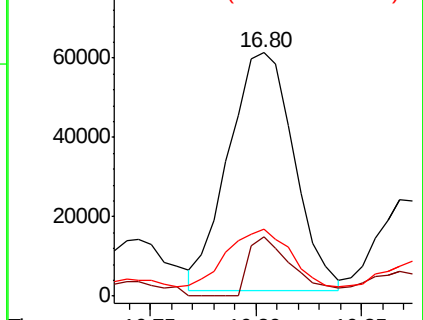
279 27.6 19.0 28.6

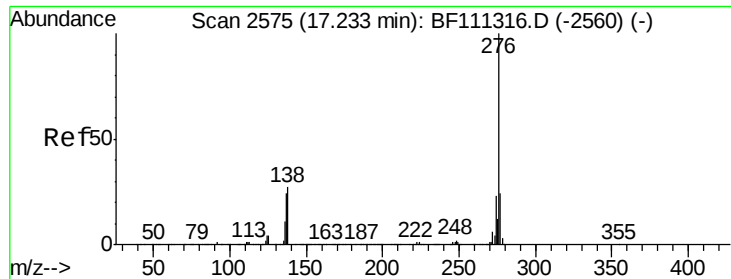


Abundance Ion 278.00 (277.70 to 278.70): E

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: 20.307 ng

RT: 17.22 min Scan# 2572

Delta R.T. -0.02 min

Lab File: BF111326.D

Acq: 12 Dec 2018 17:26

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)

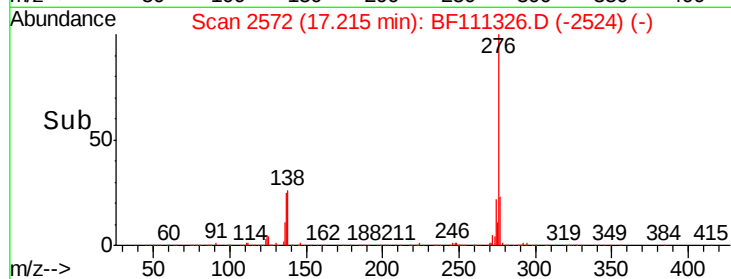
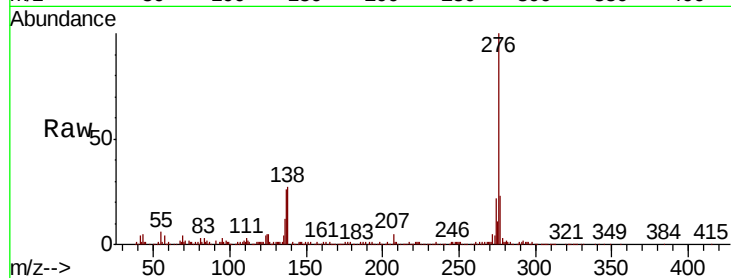
Tgt Ion: 276 Resp: 404771

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 27.1 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

