

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111335.D
 Acq On : 12 Dec 2018 21:33
 Operator : JU/SJ
 Sample : J6331-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Dec 13 01:22:38 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	253369	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	920583	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	356610	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	551722	20.00	ng	0.00
76) Chrysene-d12	13.95	240	425921	20.00	ng	0.00
87) Perylene-d12	15.39	264	336940	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1595603	106.49	ng	0.00
7) Phenol-d6	6.43	99	2001084	99.06	ng	0.00
23) Nitrobenzene-d5	7.35	82	1162762	71.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	290474	92.40	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1843162	82.98	ng	0.00
79) Terphenyl-d14	12.90	244	1442134	74.52	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	173	0.023	ng	# 1
3) Pyridine	3.27	79	229	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.23	42	2601	0.303	ng	# 1
6) Aniline	6.44	93	3211	0.131	ng	# 1
8) 2-Chlorophenol	6.57	128	993	0.054	ng	# 1
9) Benzaldehyde	6.43	77	4018	Below Cal		# 1
10) Phenol	6.44	94	137193	5.995	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	2550	0.142	ng	# 1
12) 1,3-Dichlorobenzene	6.81	146	2825	0.142	ng	# 91
13) 1,4-Dichlorobenzene	6.81	146	2825	0.140	ng	93
14) 1,2-Dichlorobenzene	6.81	146	2825	0.151	ng	96
15) Benzyl Alcohol	6.95	79	20477	1.324	ng	# 38
16) 2,2'-oxybis(1-Chloropropan	7.09	45	108	0.003	ng	72
17) 2-Methylphenol	7.05	107	113	0.008	ng	# 1
18) Hexachloroethane	7.29	117	129	0.017	ng	# 6
19) n-Nitroso-di-n-propylamine	7.35	70	153064	11.402	ng	# 79
20) 3+4-Methylphenols	7.20	107	1568	0.088	ng	# 70
22) Acetophenone	7.19	105	1809	0.085	ng	# 93
24) Nitrobenzene	7.40	77	911	0.054	ng	# 38
25) Isophorone	7.35	82	1146153	41.312	ng	# 64
27) 2,4-Dimethylphenol	7.73	122	1860	0.148	ng	# 83
28) bis(2-Chloroethoxy)methane	8.03	93	140	0.007	ng	# 48
31) Naphthalene	8.10	128	21473	0.501	ng	# 92
32) Benzoic acid	7.87	122	110	0.011	ng	# 7
33) 4-Chloroaniline	8.10	127	2264	0.124	ng	# 31
35) Caprolactam	8.67	113	139	0.030	ng	# 1
36) 4-Chloro-3-methylphenol	8.65	107	169	0.012	ng	# 20
37) 2-Methylnaphthalene	8.79	142	7827	0.282	ng	97
38) 1-Methylnaphthalene	8.89	142	6199	0.232	ng	# 87
46) 1,1'-Biphenyl	9.25	154	6567	0.216	ng	94
47) 2-Chloronaphthalene	9.36	162	130	0.006	ng	# 35
48) 2-Nitroaniline	9.25	65	291	0.038	ng	# 6
49) Acenaphthylene	9.69	152	26952	0.792	ng	# 89
50) Dimethylphthalate	9.55	163	315869	12.317	ng	97

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

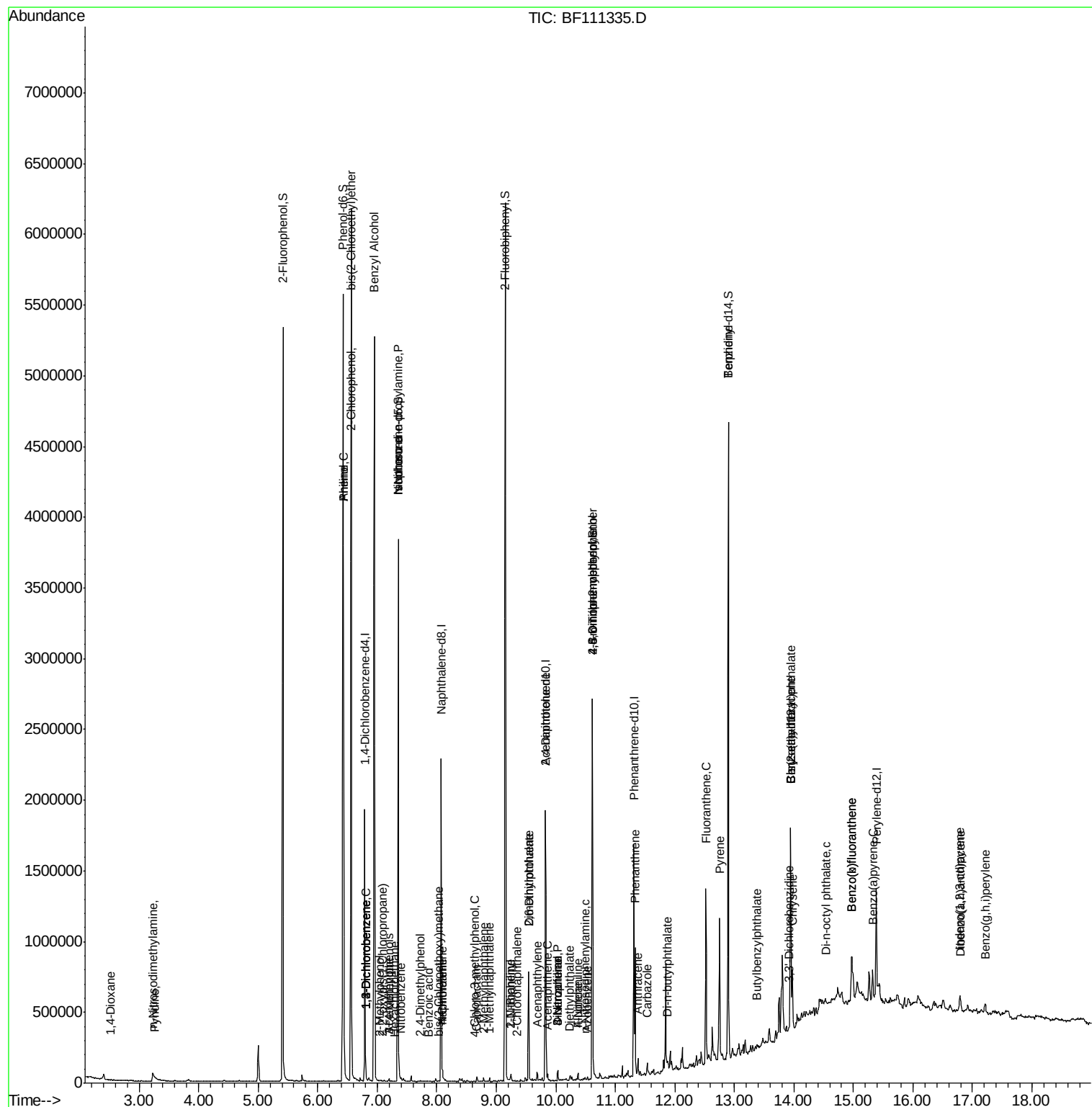
51) 2,6-Dinitrotoluene	9.54	165	3228	0.568	ng	# 25
52) Acenaphthene	9.86	154	8777	0.409	ng	88
53) 3-Nitroaniline	10.04	138	111	0.016	ng	# 1
55) Dibenzofuran	10.03	168	16266	0.525	ng	91
56) 4-Nitrophenol	10.03	139	5149	1.046	ng	# 10
57) 2,4-Dinitrotoluene	9.83	165	45440	6.237	ng	# 24
58) Fluorene	10.37	166	12331	0.556	ng	# 94
60) Diethylphthalate	10.25	149	12099	0.469	ng	# 95
62) 4-Nitroaniline	10.37	138	314	0.048	ng	# 49
63) Azobenzene	10.53	77	1636	0.063	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.62	198	487	0.154	ng	# 1
66) n-Nitrosodiphenylamine	10.49	169	436	0.022	ng	# 84
67) 4-Bromophenyl-phenylether	10.62	248	18633	3.034	ng	# 1
71) Phenanthrene	11.33	178	297816	10.443	ng	93
72) Anthracene	11.39	178	40015	1.378	ng	95
73) Carbazole	11.54	167	35902	1.196	ng	98
74) Di-n-butylphthalate	11.87	149	11039	0.323	ng	# 95
75) Fluoranthene	12.52	202	448519	16.111	ng	98
77) Benzidine	12.90	184	17406	2.166	ng	96
78) Pyrene	12.75	202	382831	11.646	ng	94
80) Butylbenzylphthalate	13.37	149	1625	0.103	ng	90
81) Benzo(a)anthracene	13.94	228	138734	5.822	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	961	0.107	ng	# 20
83) Chrysene	13.97	228	166856	6.863	ng	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	33650	1.744	ng	97
85) Di-n-octyl phthalate	14.54	149	939	0.030	ng	# 69
86) Indeno(1,2,3-cd)pyrene	16.79	276	74076	3.895	ng	# 90
88) Benzo(b)fluoranthene	14.97	252	233592	12.192	ng	# 95
89) Benzo(k)fluoranthene	14.97	252	233592	12.214	ng	# 95
90) Benzo(a)pyrene	15.32	252	108978	6.109	ng	97
91) Dibenzo(a,h)anthracene	16.81	278	17088	1.151	ng	# 92
92) Benzo(g,h,i)perylene	17.22	276	66579	4.487	ng	96

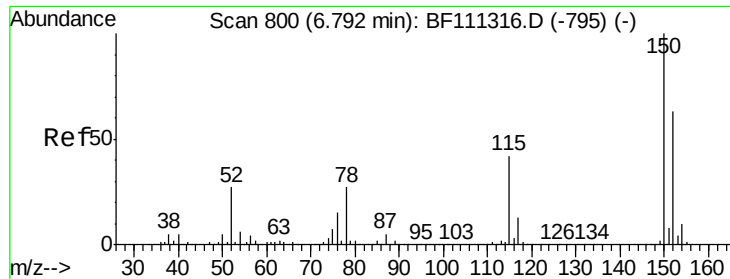
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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BNA_F

ClientSampleId :

TP-1

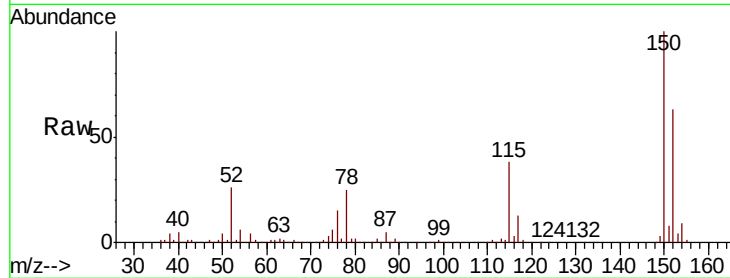
Tgt Ion:152 Resp: 253369

Ion Ratio Lower Upper

152 100

150 158.8 126.6 189.8

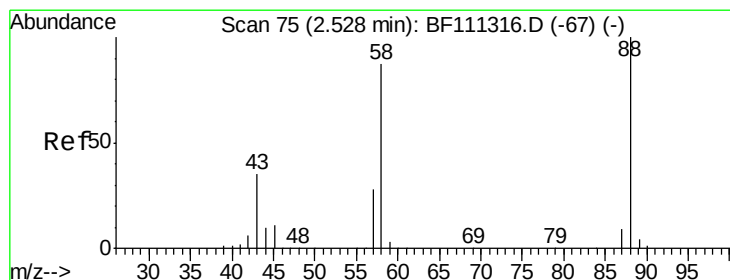
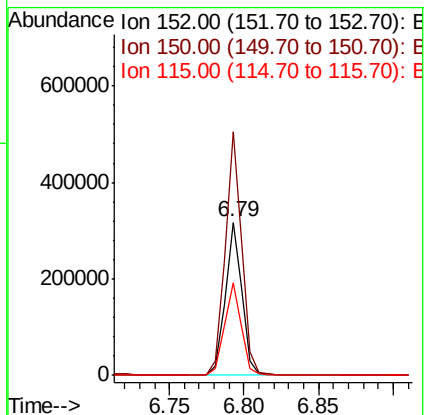
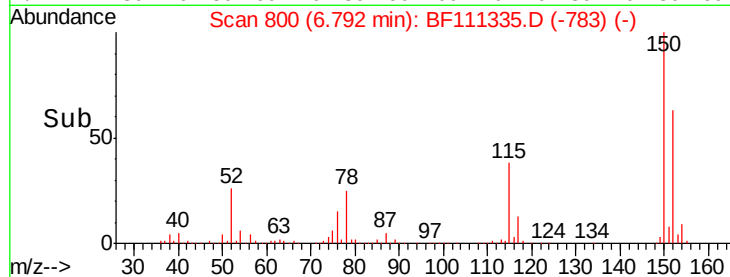
115 60.5 50.7 76.1



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: 0.023 ng

RT: 2.52 min Scan# 74

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

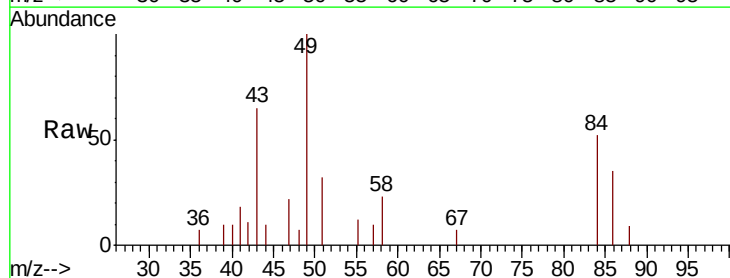
Tgt Ion: 88 Resp: 173

Ion Ratio Lower Upper

88 100

58 0.0 68.9 103.3#

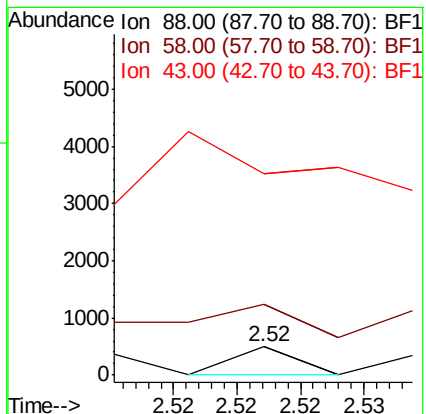
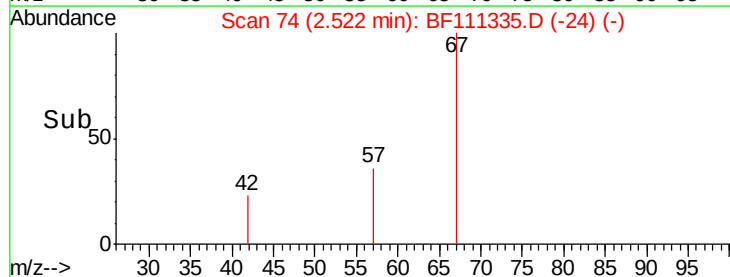
43 542.8 25.8 38.6#

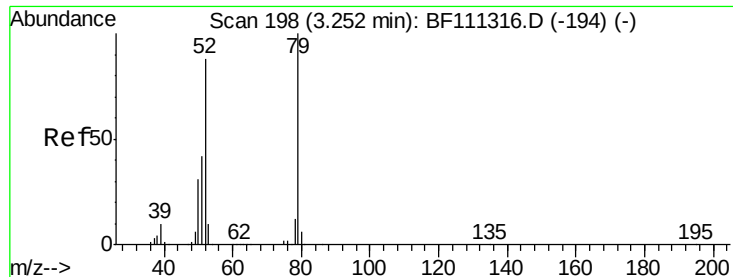


Abundance Ion 88.00 (87.70 to 88.70): BF1

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: 3.27 min Scan# 201

Delta R.T. 0.02 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

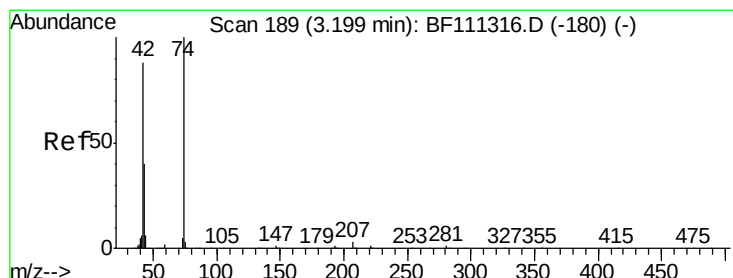
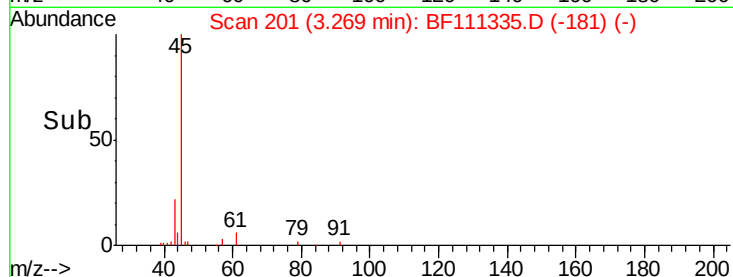
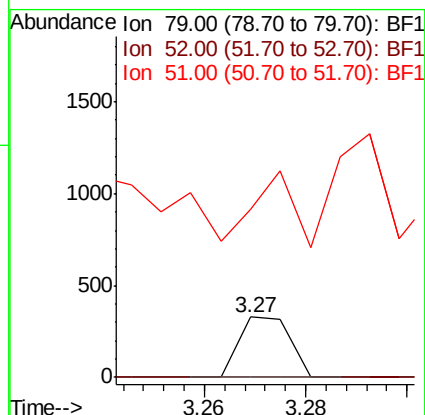
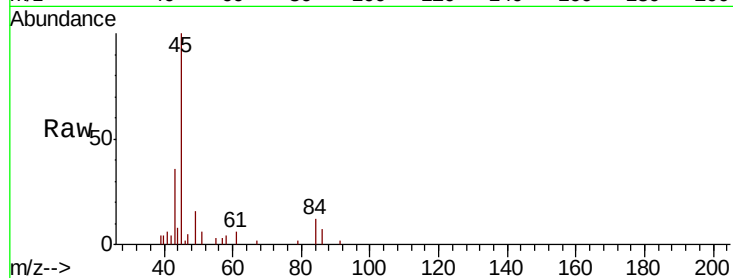
Instrument :

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TP-1

Tgt Ion:	79	Resp:	229
Ion	Ratio	Lower	Upper
79	100		
52	0.0	68.3	102.5#
51	278.4	32.6	49.0#



#4

n-Nitrosodimethylamine

Concen: 0.303 ng

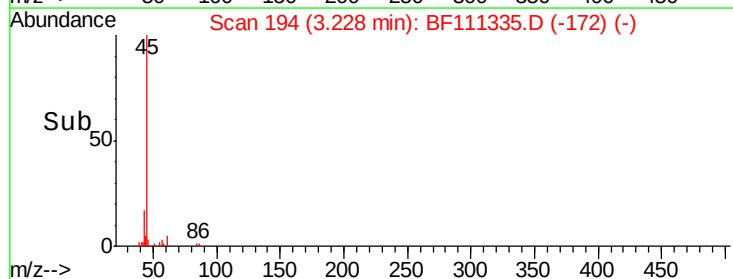
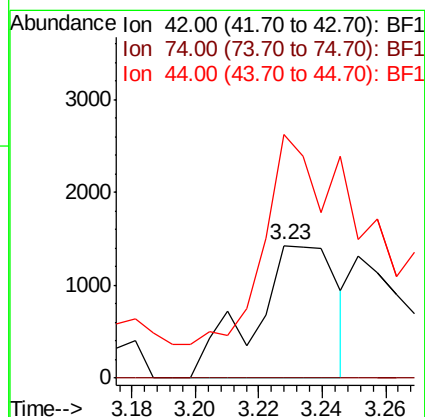
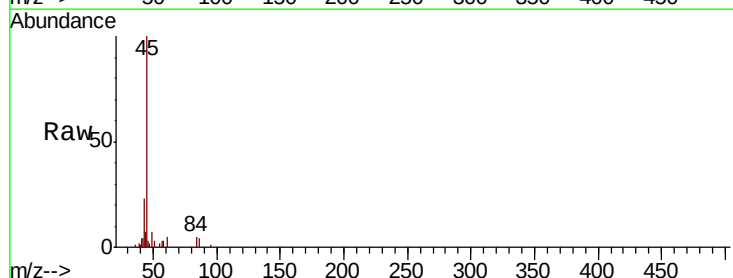
RT: 3.23 min Scan# 194

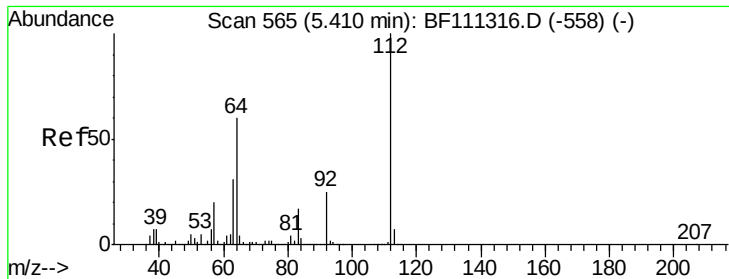
Delta R.T. 0.03 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Tgt Ion:	42	Resp:	2601
Ion	Ratio	Lower	Upper
42	100		
74	0.0	101.5	152.3#
44	183.9	6.0	9.0#





#5

2-Fluorophenol

Concen: 106.493 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

ClientSampleId :

TP-1

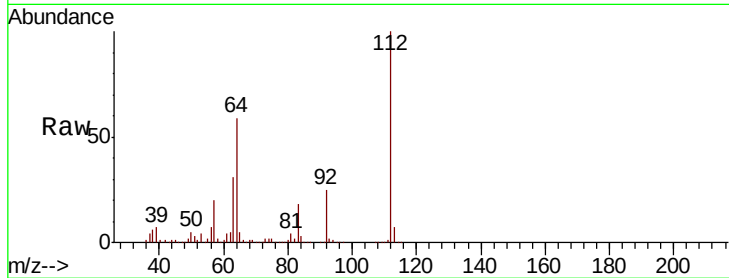
Tgt Ion:112 Resp: 1595603

Ion Ratio Lower Upper

112 100

64 58.7 51.8 77.6

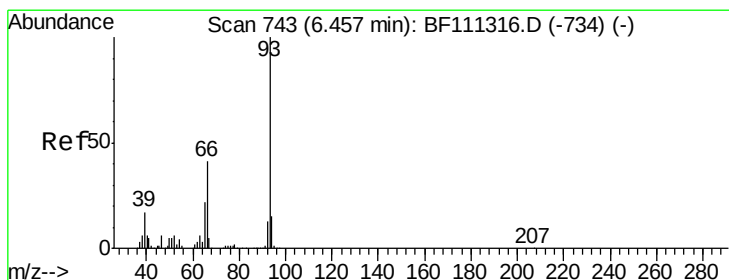
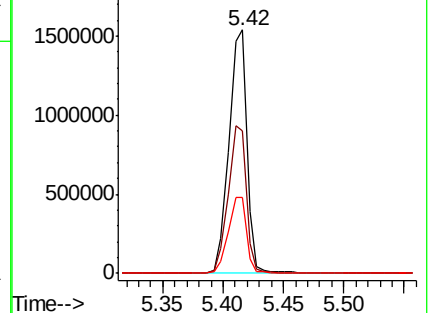
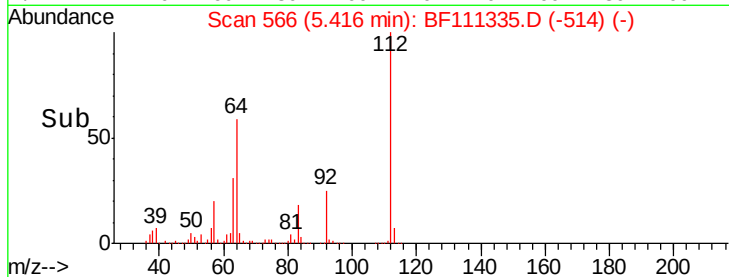
63 31.3 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.131 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

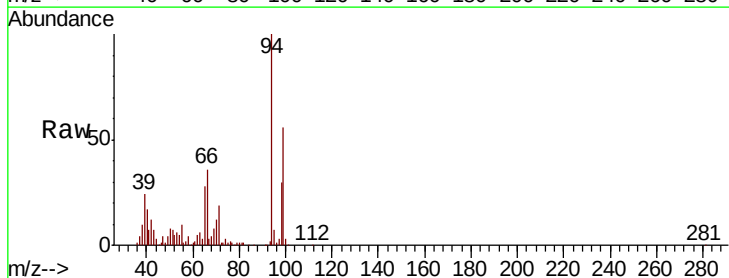
Tgt Ion: 93 Resp: 3211

Ion Ratio Lower Upper

93 100

66 2088.8 33.2 49.8#

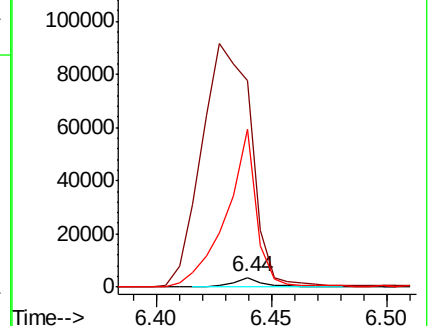
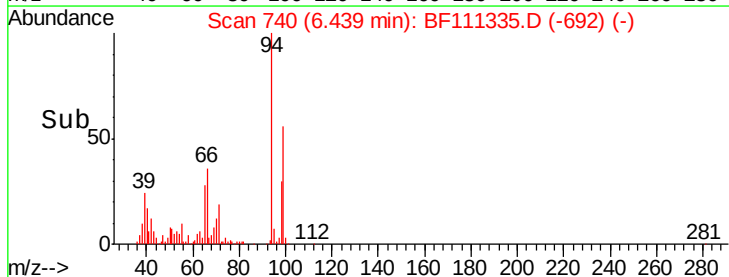
65 1596.1 17.0 25.4#

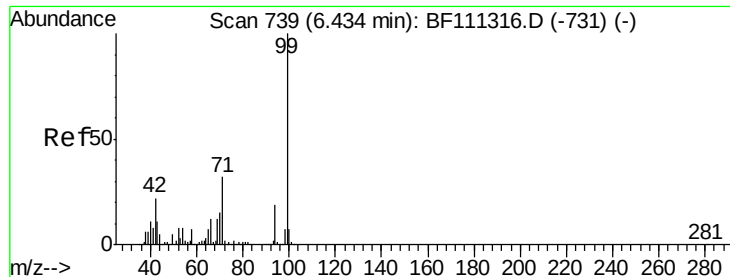


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.057 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

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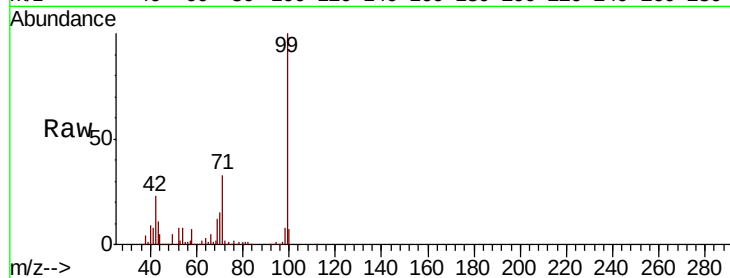
Tgt Ion: 99 Resp: 2001084

Ion Ratio Lower Upper

99 100

42 22.5 17.4 26.0

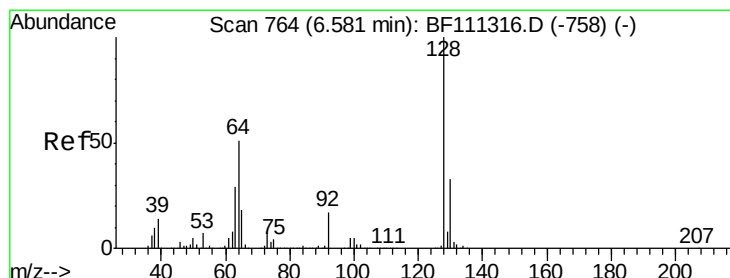
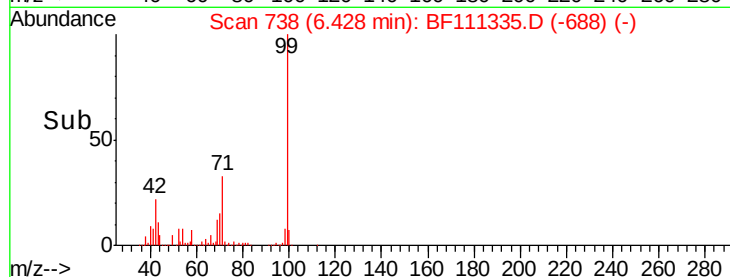
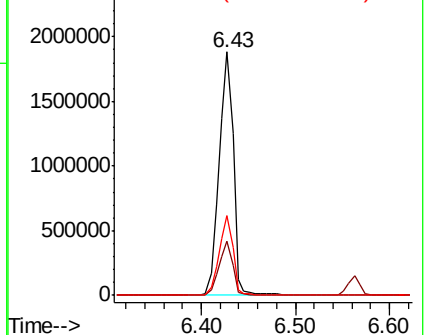
71 32.5 26.1 39.1



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: 0.054 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

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Acq: 12 Dec 2018 21:33

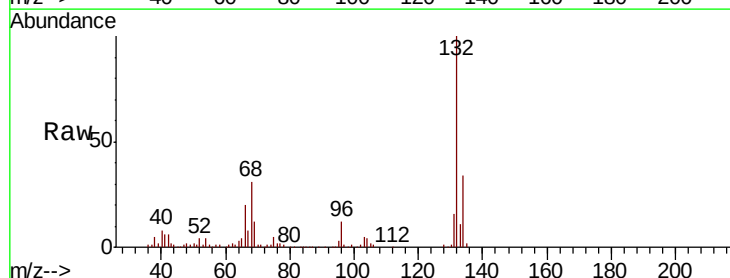
Tgt Ion: 128 Resp: 993

Ion Ratio Lower Upper

128 100

130 124.9 12.7 52.7#

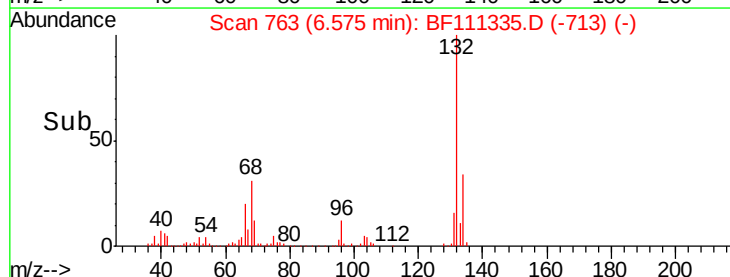
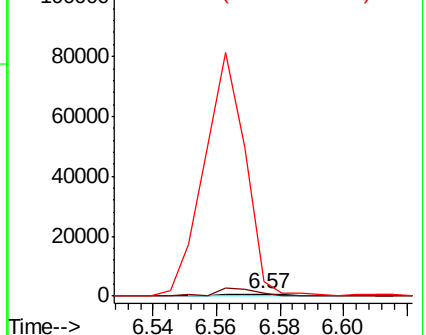
64 649.7 30.0 70.0#

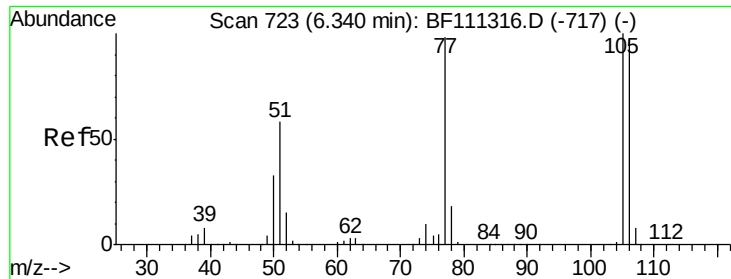


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

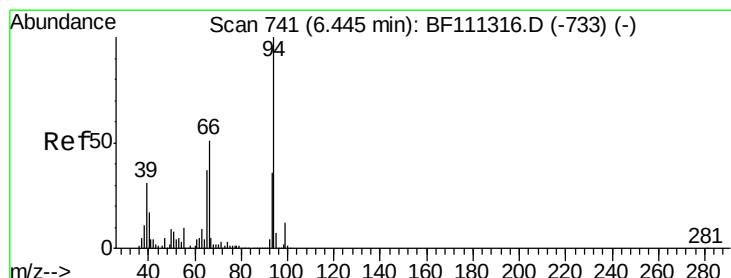
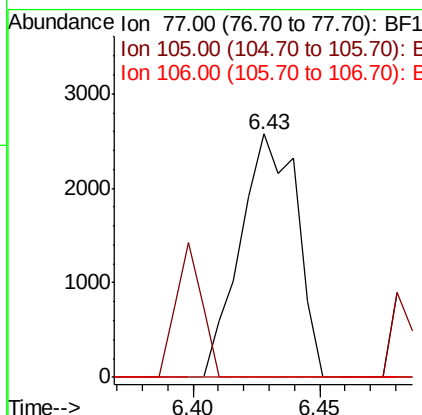
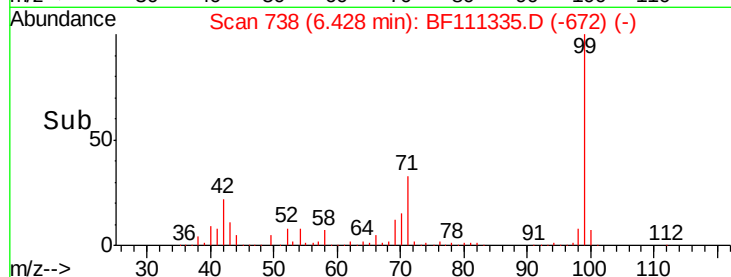
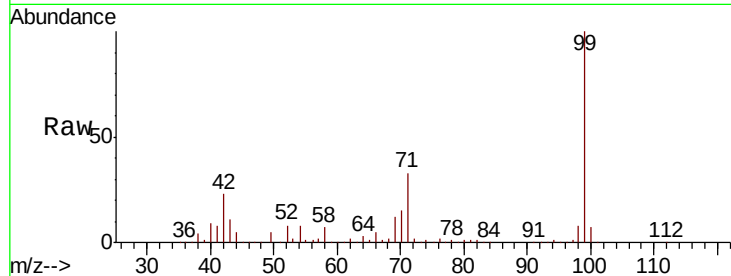




#9
Benzaldehyde
Concen: Below Cal
RT: 6.43 min Scan# 738
Delta R.T. 0.09 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

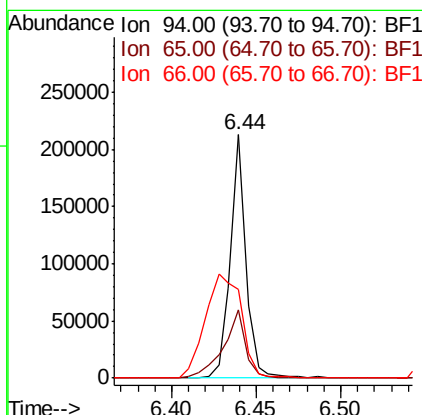
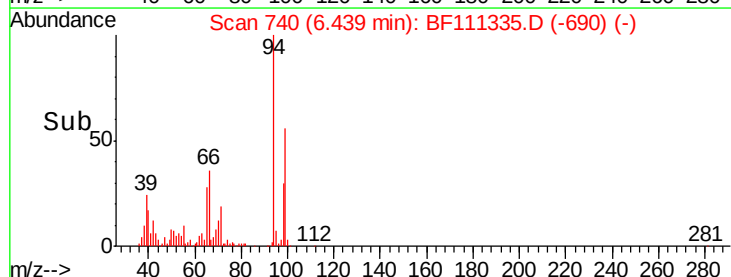
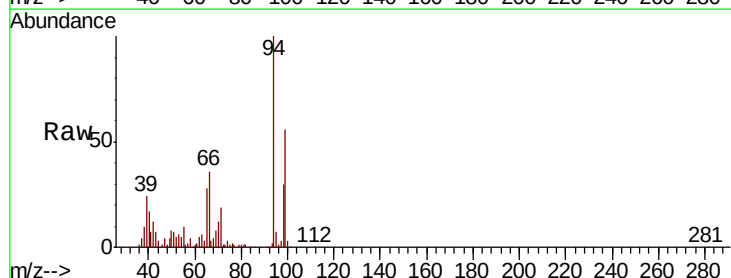
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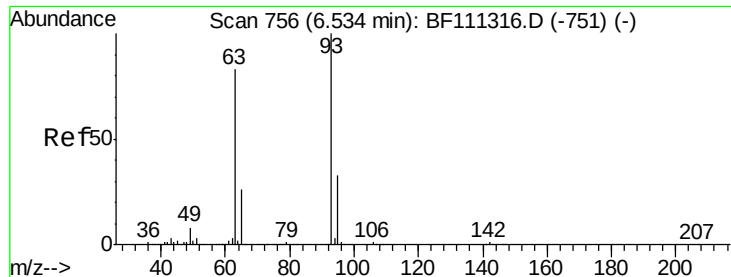
Tgt Ion: 77 Resp: 4018
Ion Ratio Lower Upper
77 100
105 0.0 81.4 121.4#
106 0.0 77.9 117.9#



#10
Phenol
Concen: 5.995 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion: 94 Resp: 137193
Ion Ratio Lower Upper
94 100
65 27.8 11.7 51.7
66 36.4 21.0 61.0

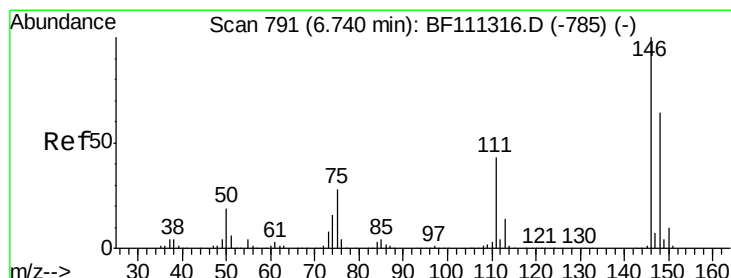
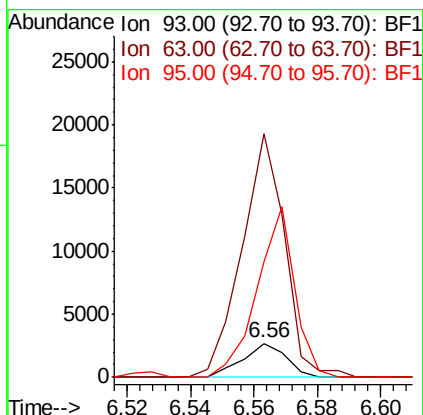
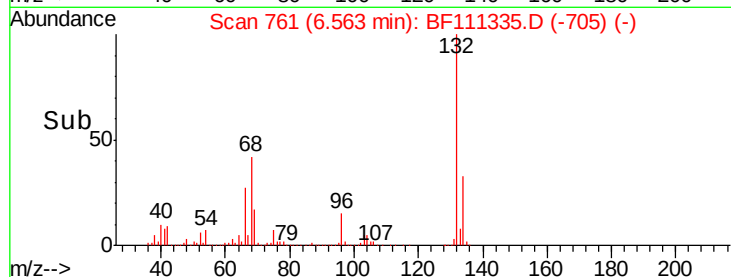
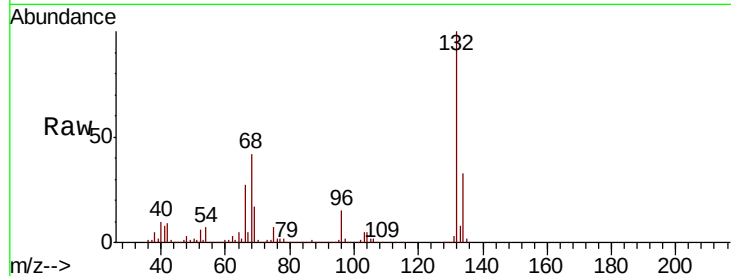




#11
bis(2-Chloroethyl)ether
Concen: 0.142 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.03 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

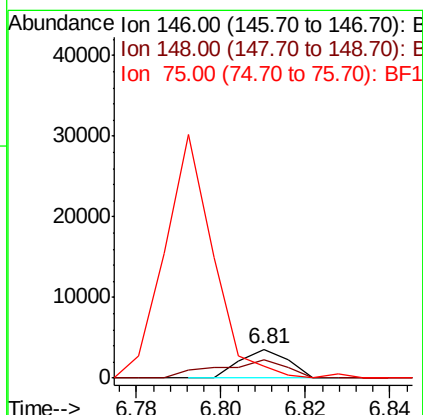
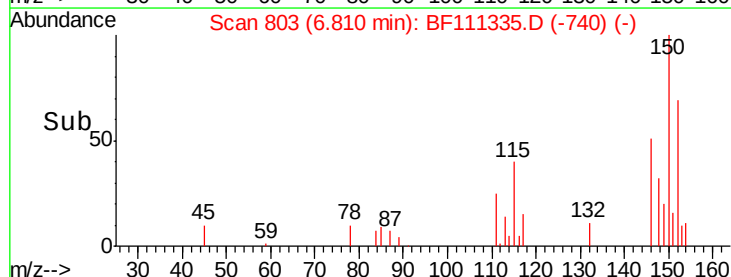
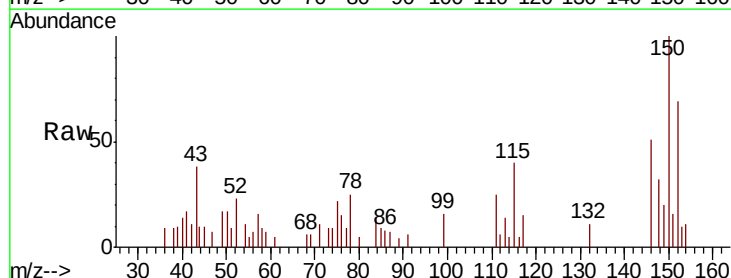
Instrument :
BNA_F
ClientSampleId :
TP-1

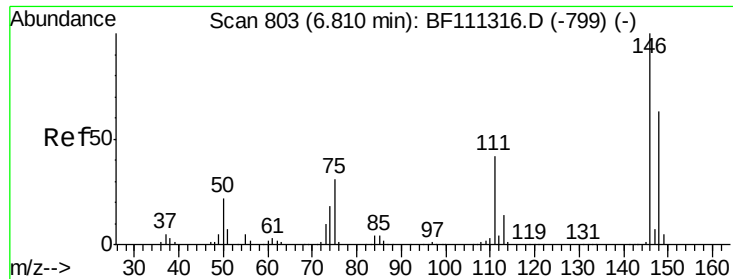
Tgt Ion: 93 Resp: 2550
Ion Ratio Lower Upper
93 100
63 717.1 60.0 100.0#
95 340.4 13.4 53.4#



#12
1,3-Dichlorobenzene
Concen: 0.142 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.07 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion: 146 Resp: 2825
Ion Ratio Lower Upper
146 100
148 62.6 52.1 78.1
75 42.4 23.9 35.9#

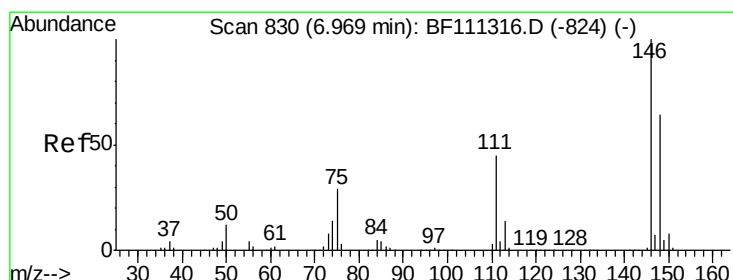
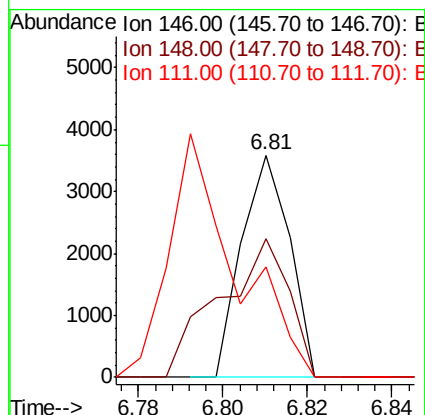
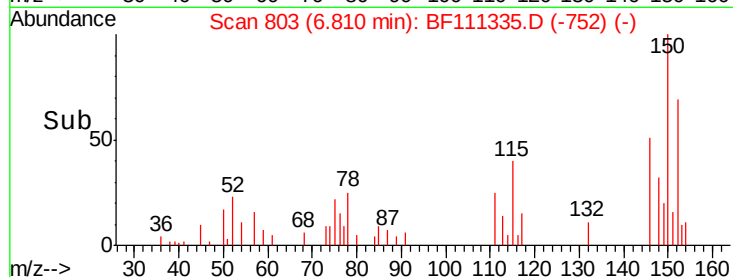
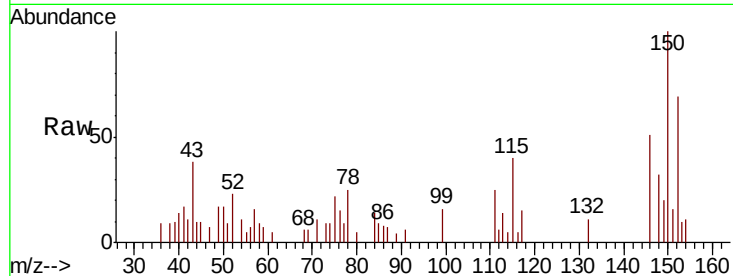




#13
 1,4-Dichlorobenzene
 Concen: 0.140 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF111335.D
 Acq: 12 Dec 2018 21:33

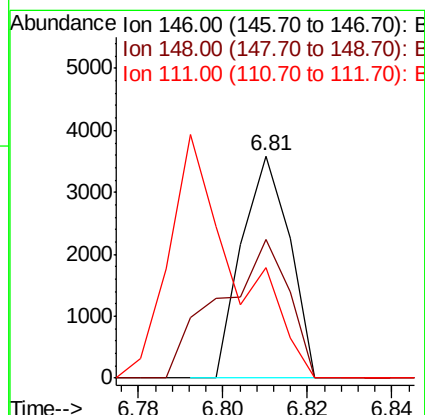
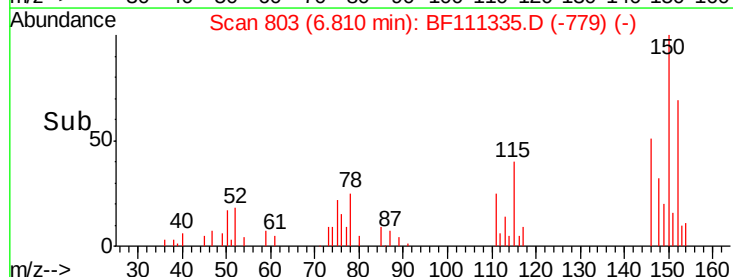
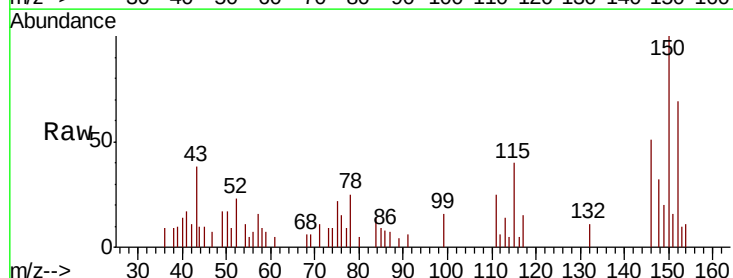
Instrument :
 BNA_F
 ClientSampled :
 TP-1

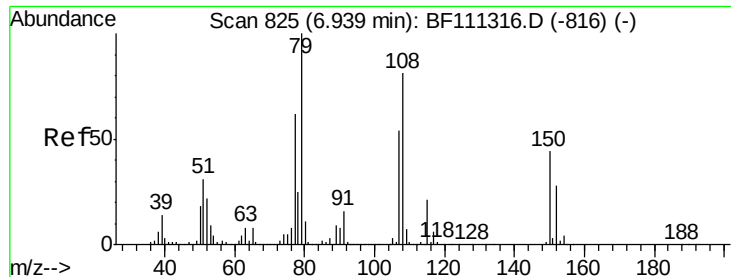
Tgt Ion:146 Resp: 2825
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.8 79.2
 111 49.6 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 0.151 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.16 min
 Lab File: BF111335.D
 Acq: 12 Dec 2018 21:33

Tgt Ion:146 Resp: 2825
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.9 77.9
 111 49.6 36.2 54.4

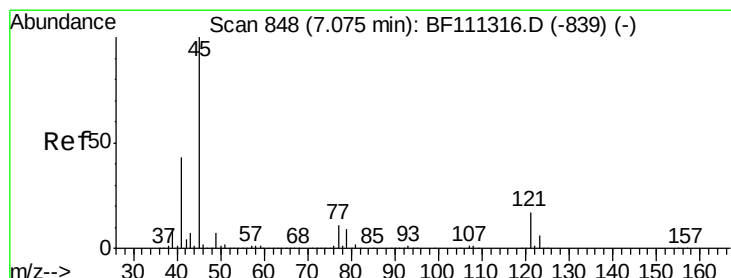
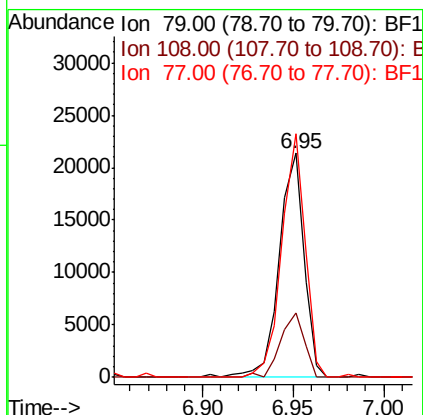
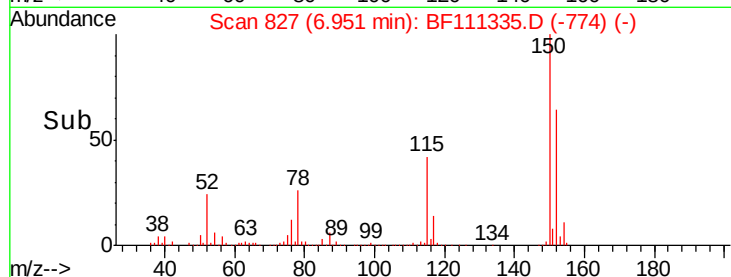
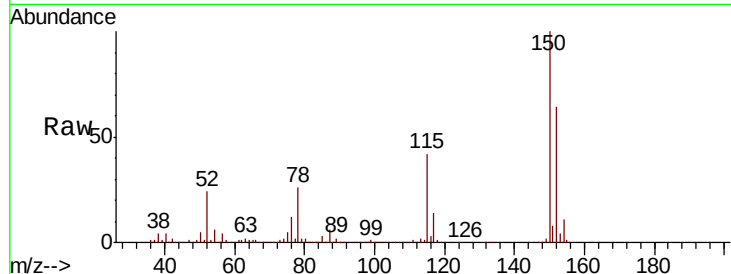




#15
Benzyl Alcohol
Concen: 1.324 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

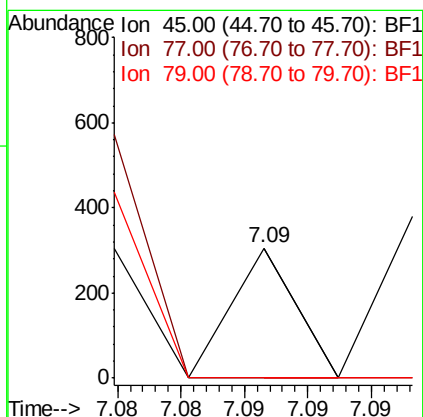
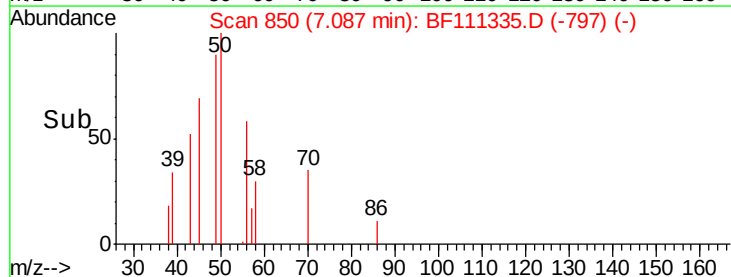
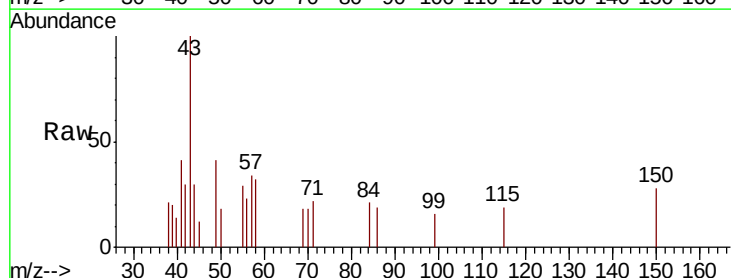
Instrument :
BNA_F
ClientSampleId :
TP-1

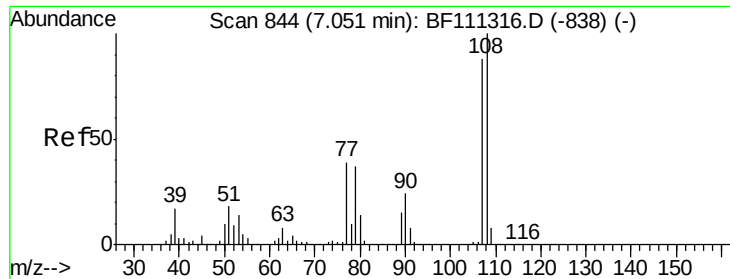
Tgt Ion: 79 Resp: 20477
Ion Ratio Lower Upper
79 100
108 28.7 69.4 104.2#
77 108.6 49.7 74.5#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.003 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion: 45 Resp: 108
Ion Ratio Lower Upper
45 100
77 0.0 0.0 31.5
79 0.0 0.0 28.9

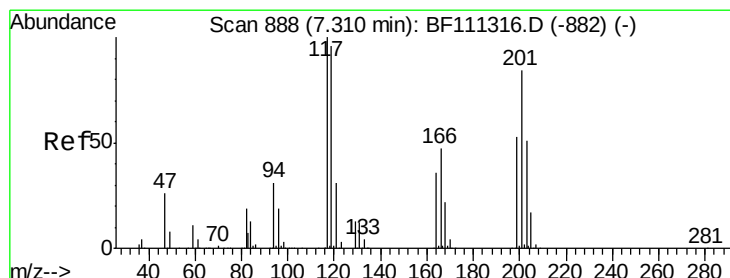
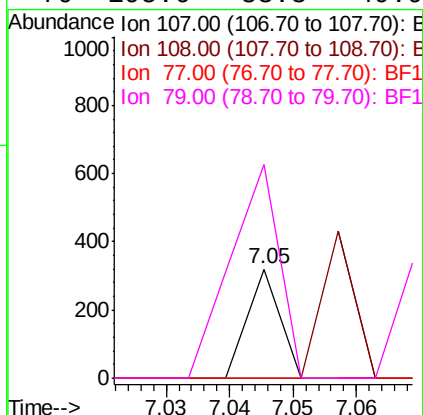
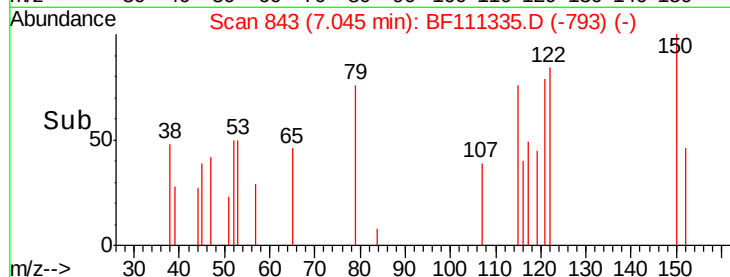
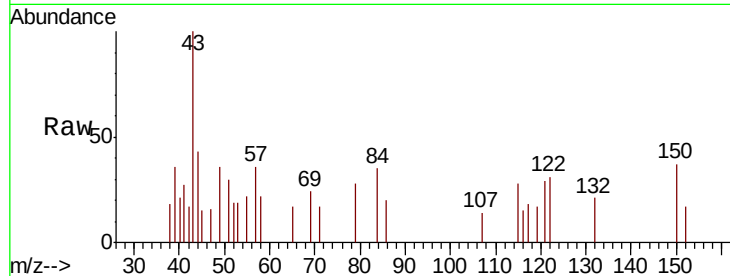




#17
2-Methylphenol
Concen: 0.008 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

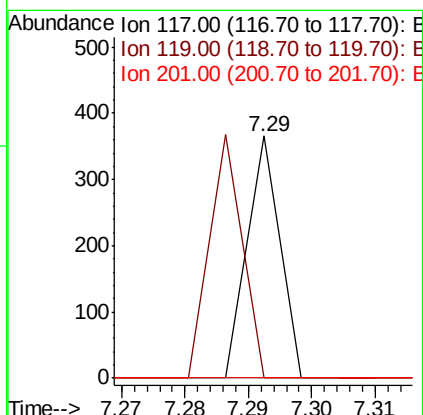
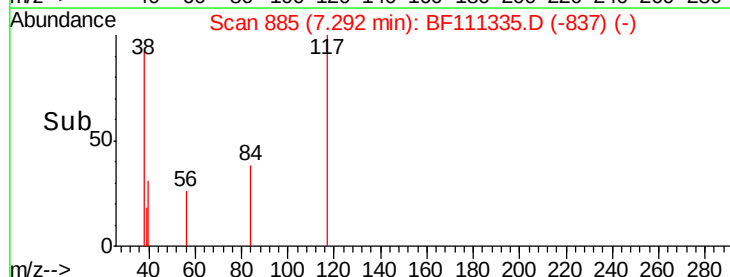
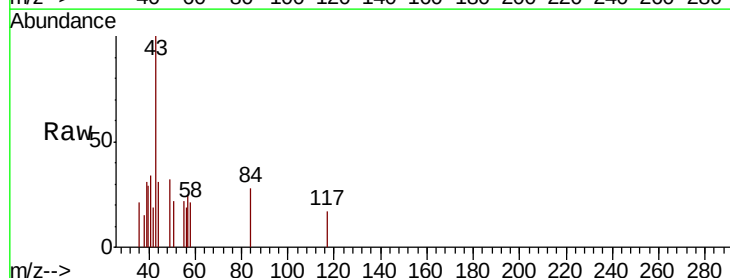
Instrument :
BNA_F
ClientSampled :
TP-1

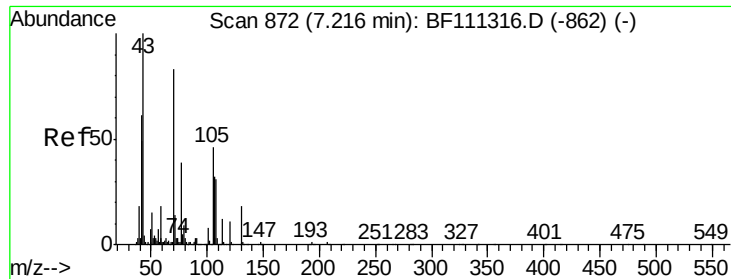
Tgt Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.0	136.4#
77	0.0	33.5	50.3#
79	195.6	33.3	49.9#



#18
Hexachloroethane
Concen: 0.017 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

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

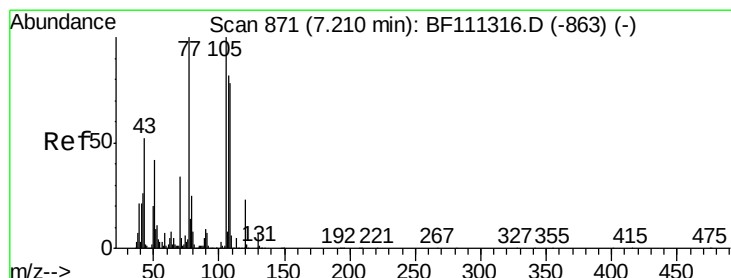
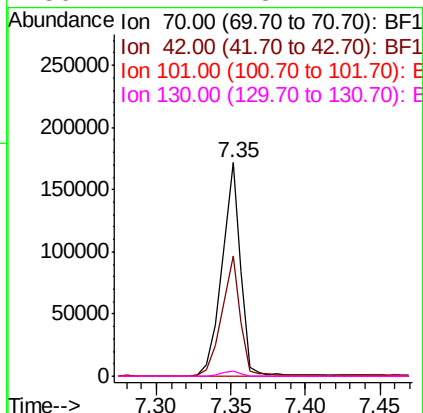
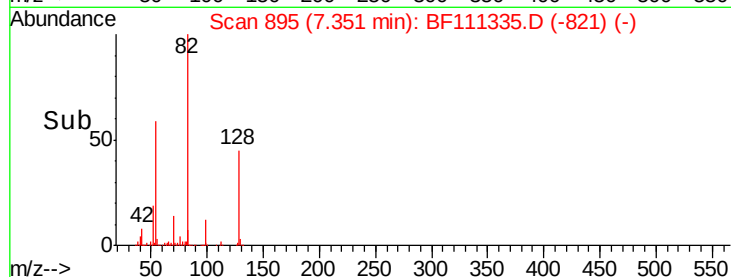
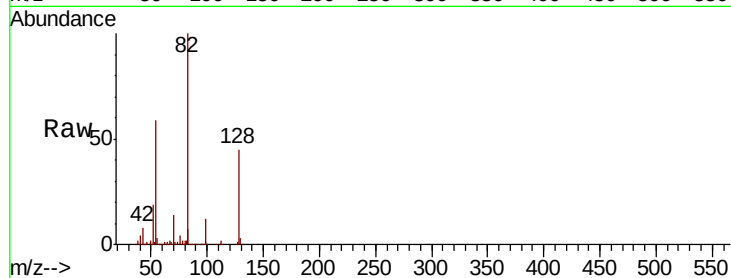




#19
n-Nitroso-di-n-propylamine
Concen: 11.402 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

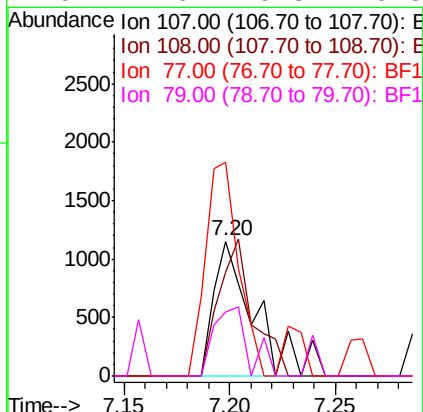
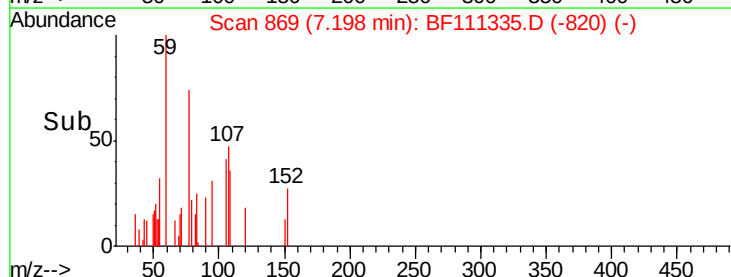
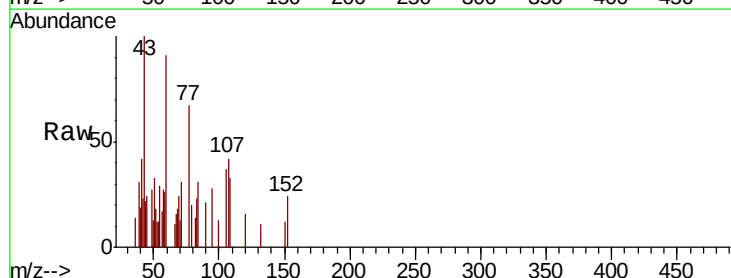
Instrument :
BNA_F
ClientSampleId :
TP-1

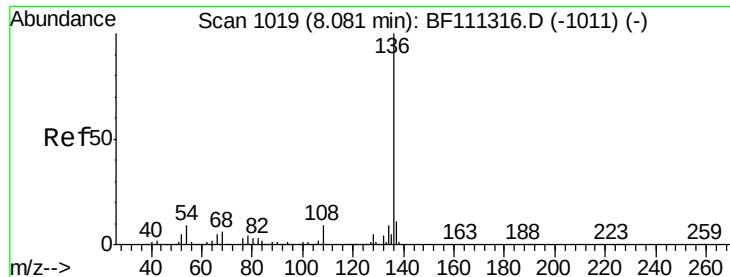
Tgt Ion: 70 Resp: 153064
Ion Ratio Lower Upper
70 100
42 56.5 53.2 79.8
101 0.0 8.2 12.4#
130 2.4 18.1 27.1#



#20
3+4-Methylphenols
Concen: 0.088 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion: 107 Resp: 1568
Ion Ratio Lower Upper
107 100
108 77.2 72.1 112.1
77 158.2 94.1 134.1#
79 47.6 9.8 49.8

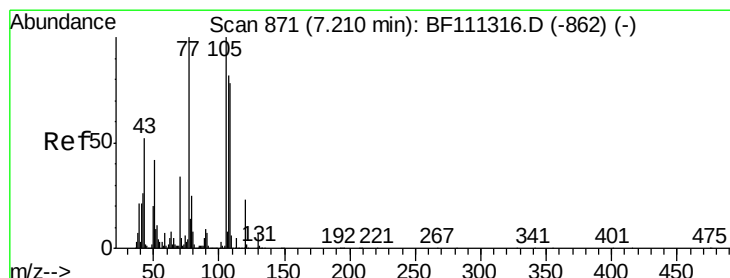
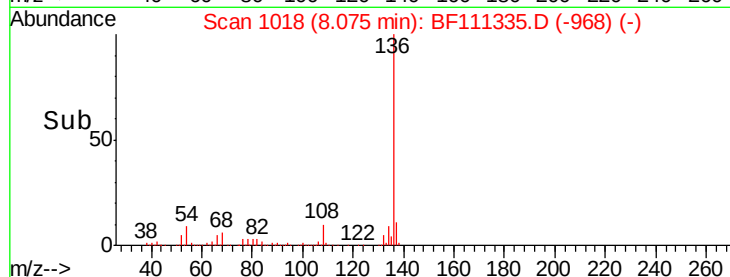
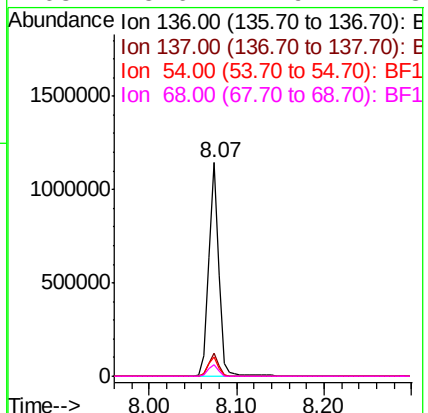
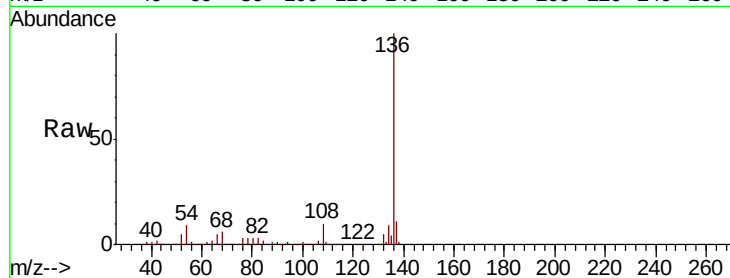




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

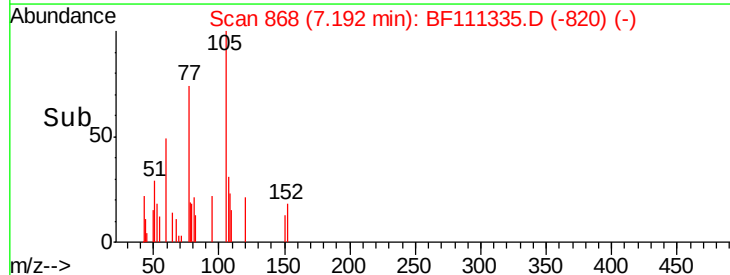
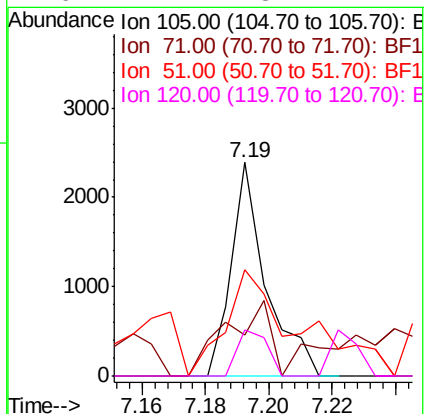
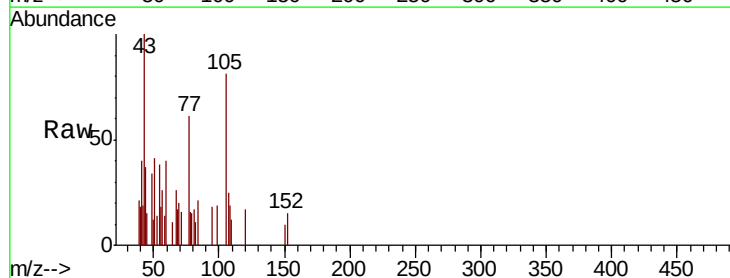
Instrument :
BNA_F
ClientSampleId :
TP-1

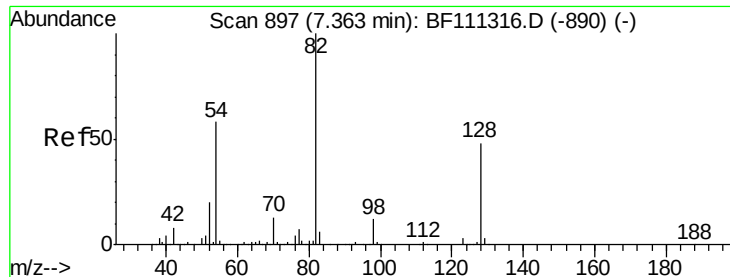
Tgt Ion:	136	Resp:	920583
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.9	7.7	11.5
68	5.6	4.9	7.3



#22
Acetophenone
Concen: 0.085 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion:	105	Resp:	1809
Ion	Ratio	Lower	Upper
105	100		
71	19.0	3.1	4.7#
51	49.9	36.6	54.8
120	21.4	18.2	27.4





#23

Nitrobenzene-d5

Concen: 71.191 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

ClientSampleId :

TP-1

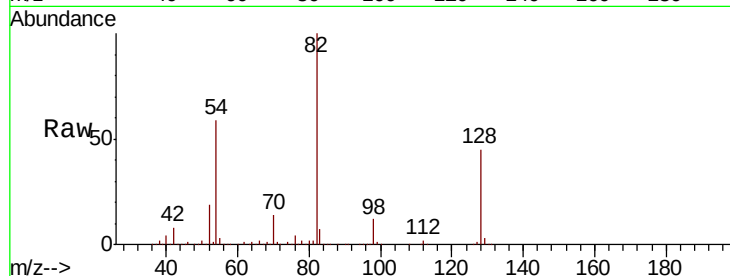
Tgt Ion: 82 Resp: 1162762

Ion Ratio Lower Upper

82 100

128 44.8 37.4 56.2

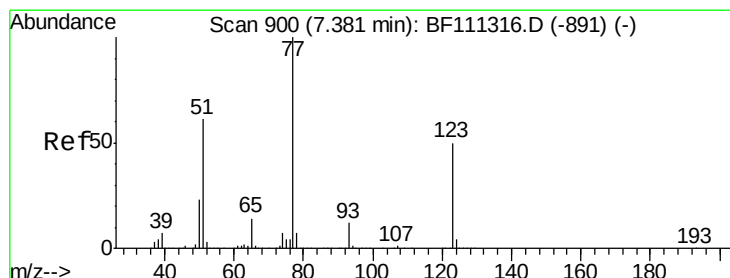
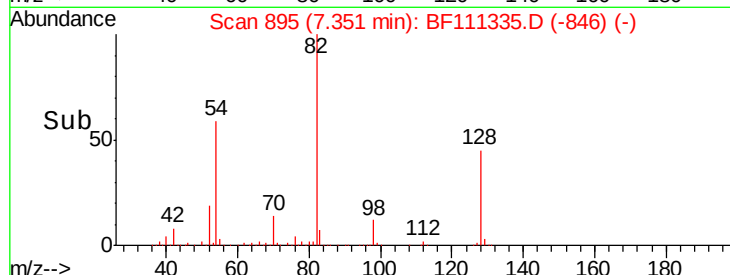
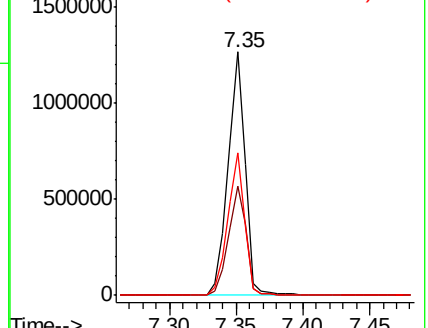
54 58.7 47.6 71.4



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: 0.054 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.02 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

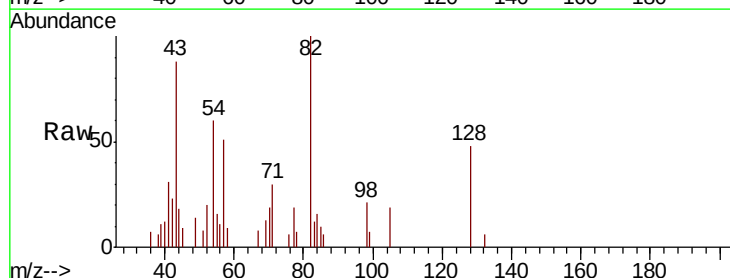
Tgt Ion: 77 Resp: 911

Ion Ratio Lower Upper

77 100

123 0.0 37.2 55.8#

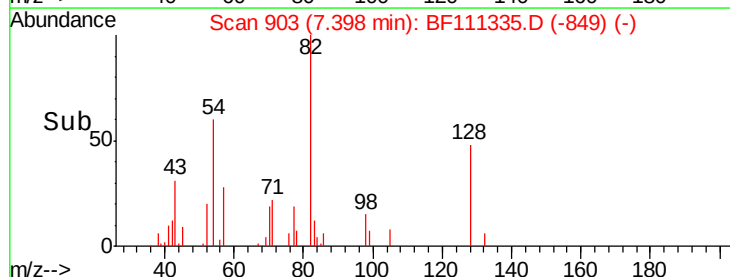
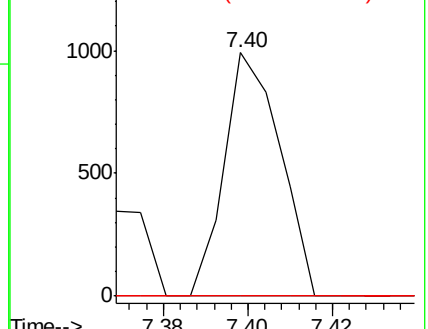
65 0.0 11.5 17.3#

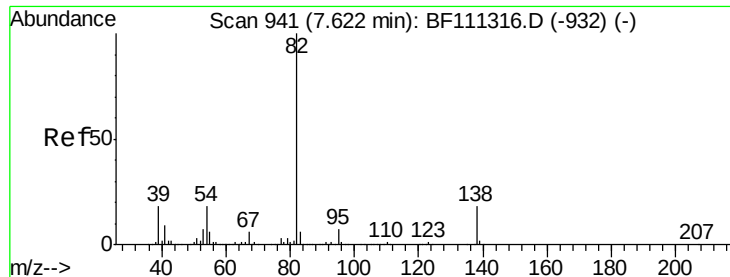


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.312 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.27 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

ClientSampleId :

TP-1

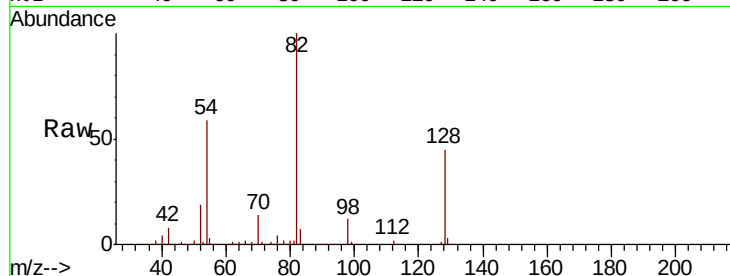
Tgt Ion: 82 Resp: 1146153

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

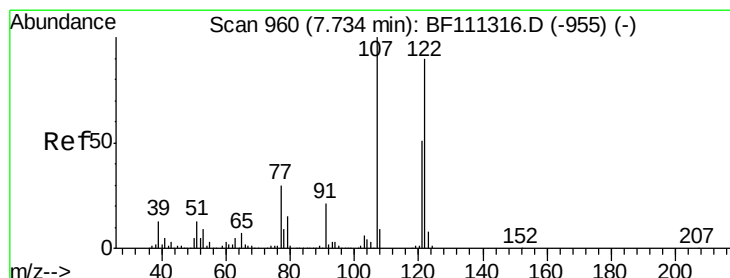
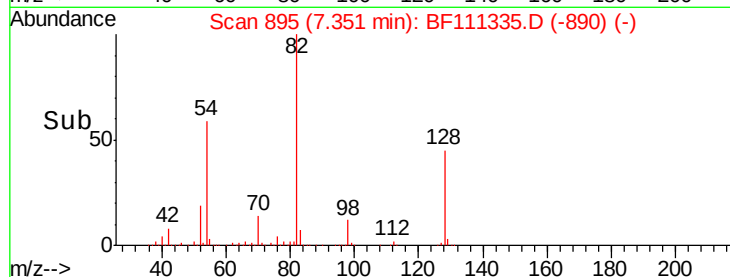
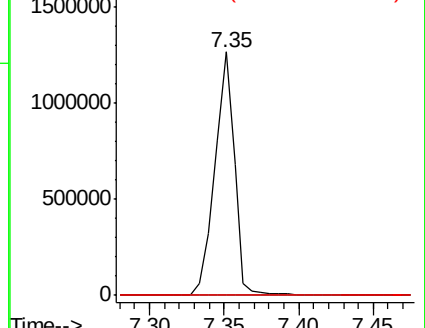
138 0.0 15.1 22.7#



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



#27

2,4-Dimethylphenol

Concen: 0.148 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

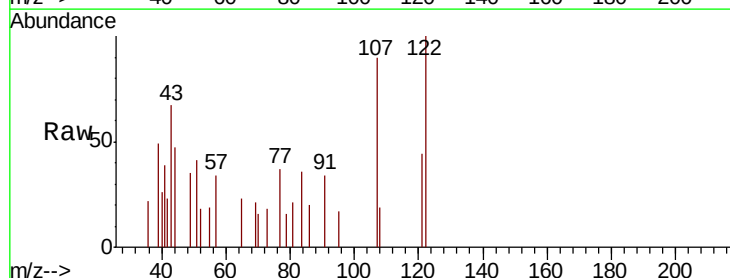
Tgt Ion: 122 Resp: 1860

Ion Ratio Lower Upper

122 100

107 89.9 85.5 128.3

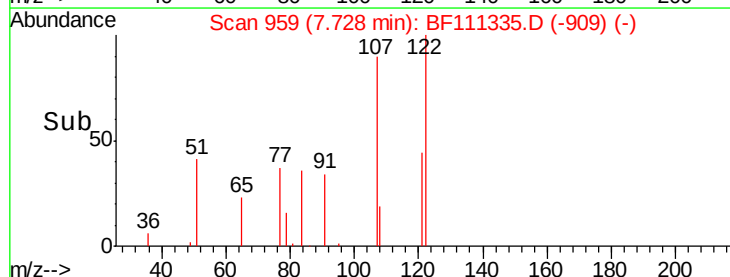
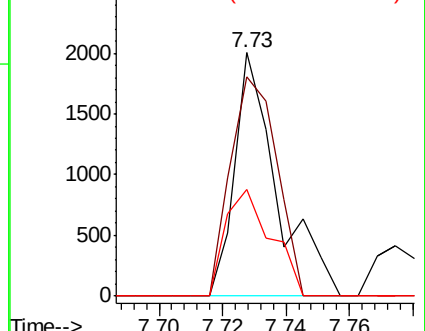
121 43.8 46.6 70.0#

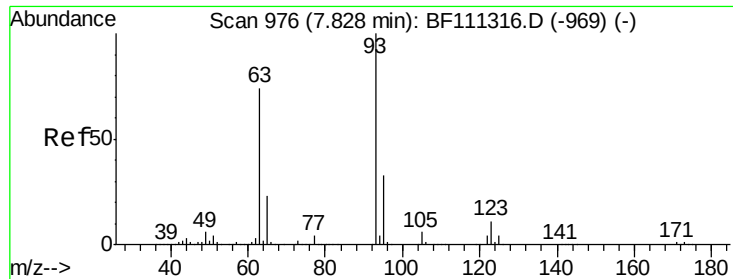


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

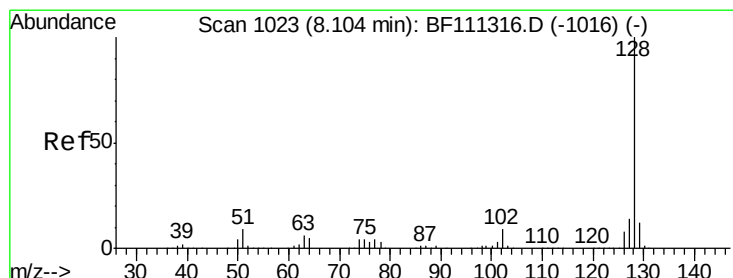
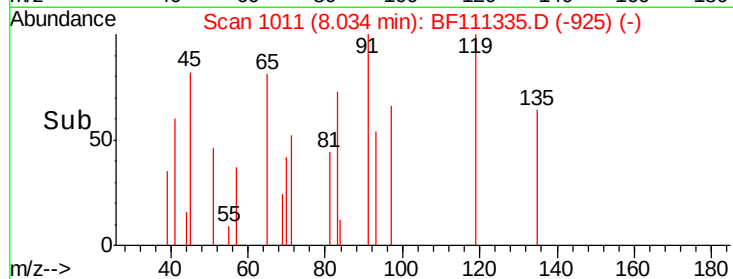
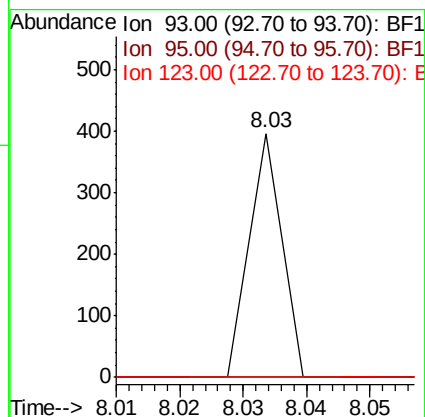
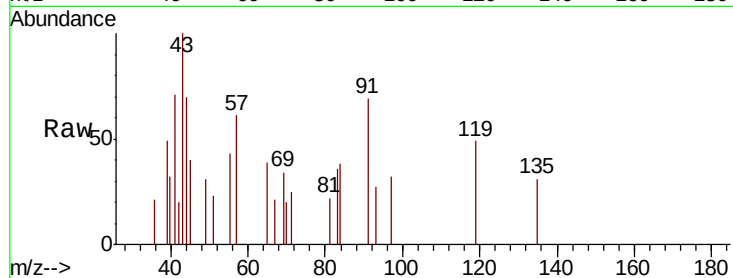




#28
bis(2-Chloroethoxy)methane
Concen: 0.007 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.21 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

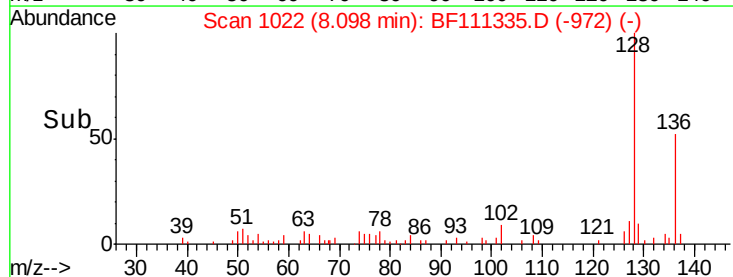
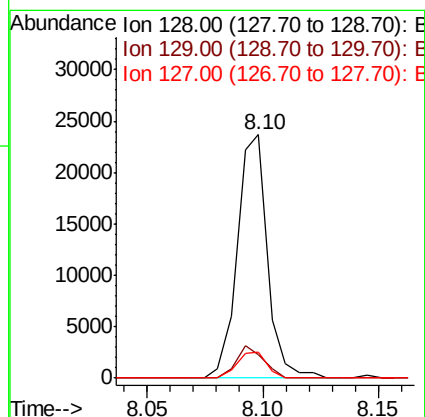
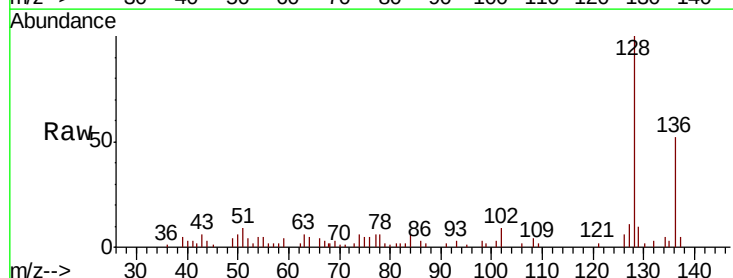
Instrument :
BNA_F
ClientSampleId :
TP-1

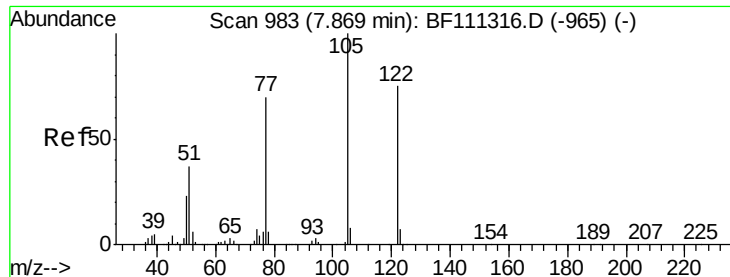
Tgt Ion: 93 Resp: 140
Ion Ratio Lower Upper
93 100
95 0.0 27.1 40.7#
123 0.0 9.9 14.9#



#31
Naphthalene
Concen: 0.501 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion: 128 Resp: 21473
Ion Ratio Lower Upper
128 100
129 9.6 9.8 14.8#
127 10.9 12.0 18.0#

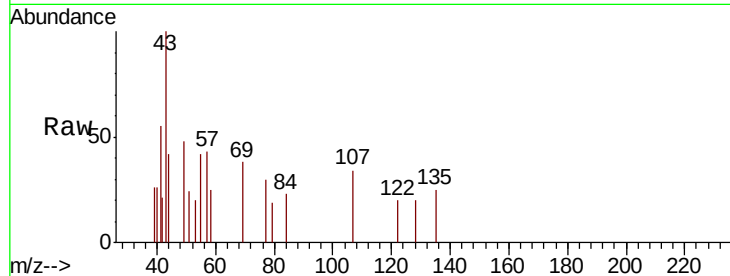




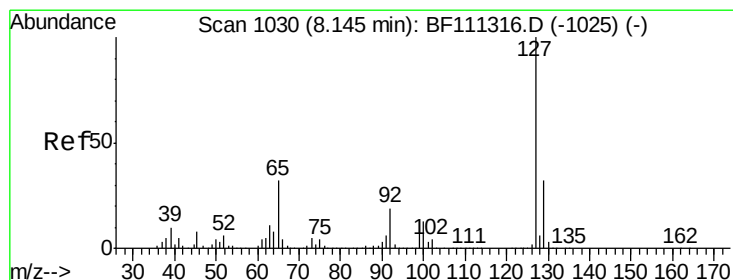
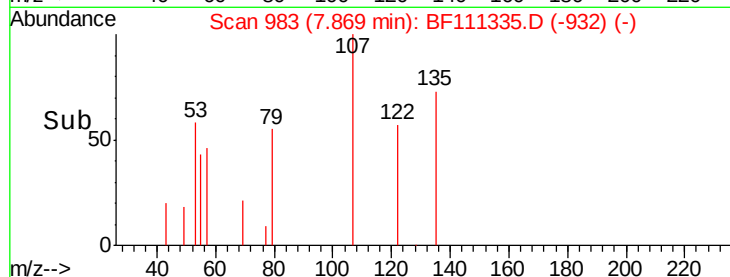
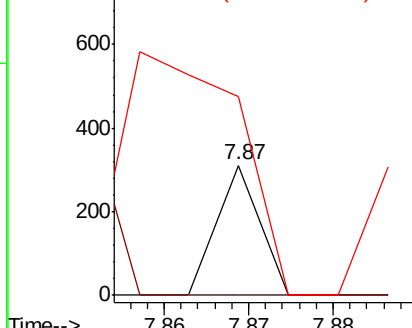
#32
Benzoic acid
Concen: 0.011 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Instrument :
BNA_F
ClientSampled :
TP-1

Tgt Ion:122 Resp: 110
Ion Ratio Lower Upper
122 100
105 0.0 97.0 137.0#
77 153.1 65.7 105.7#

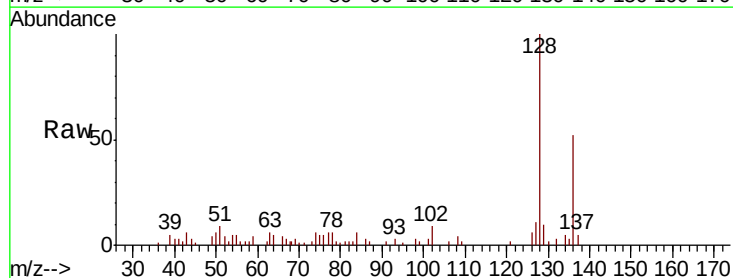


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

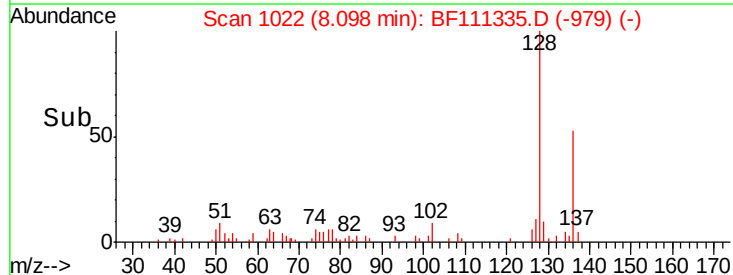
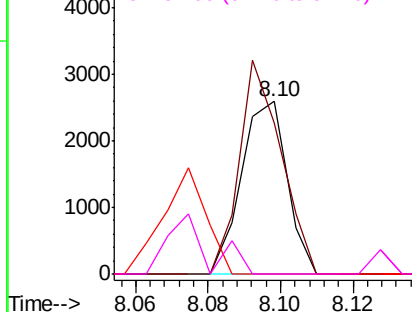


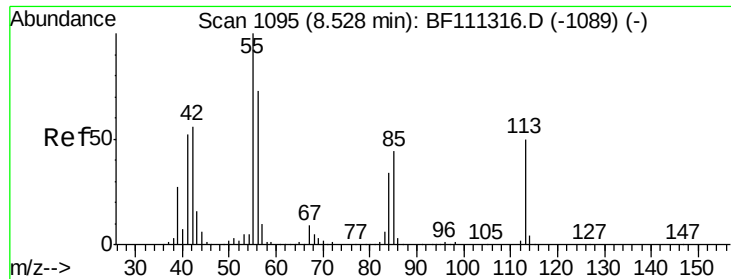
#33
4-Chloroaniline
Concen: 0.124 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion:127 Resp: 2264
Ion Ratio Lower Upper
127 100
129 87.9 26.6 39.8#
65 0.0 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

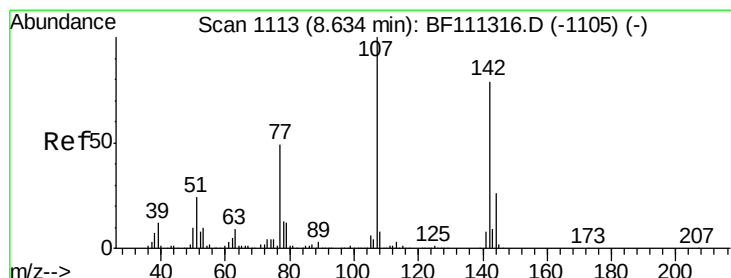
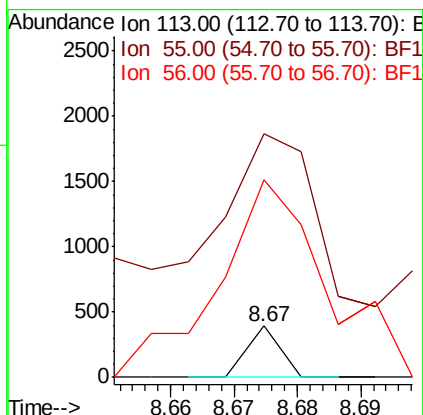
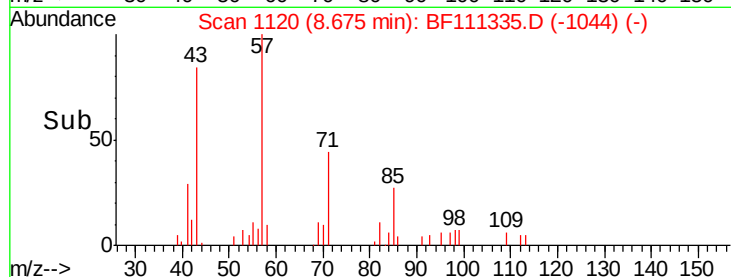
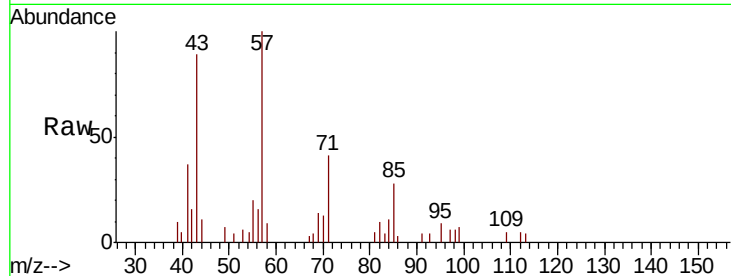




#35
 Caprolactam
 Concen: 0.030 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.15 min
 Lab File: BF111335.D
 Acq: 12 Dec 2018 21:33

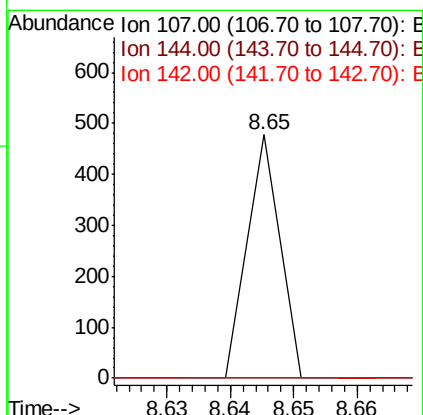
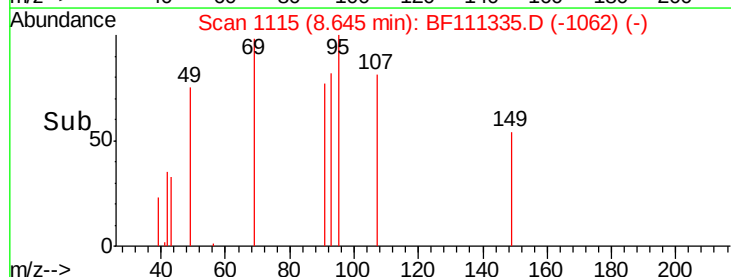
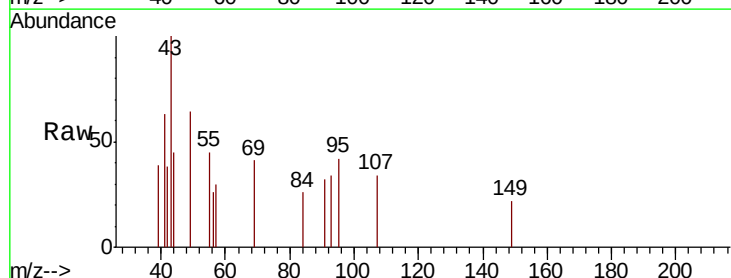
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

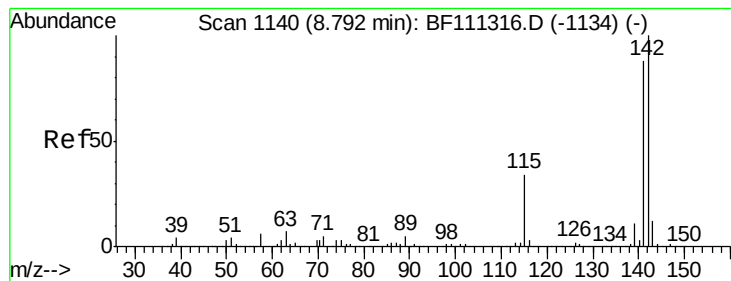
Tgt Ion:113 Resp: 139
 Ion Ratio Lower Upper
 113 100
 55 473.6 184.1 224.1#
 56 383.2 126.0 166.0#



#36
 4-Chloro-3-methylphenol
 Concen: 0.012 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF111335.D
 Acq: 12 Dec 2018 21:33

Tgt Ion:107 Resp: 169
 Ion Ratio Lower Upper
 107 100
 144 0.0 19.8 29.6#
 142 0.0 62.3 93.5#





#37

2-Methylnaphthalene

Concen: 0.282 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

ClientSampleId :

TP-1

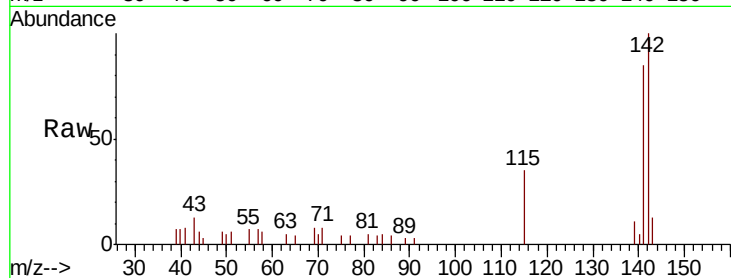
Tgt Ion:142 Resp: 7827

Ion Ratio Lower Upper

142 100

141 85.1 70.6 105.8

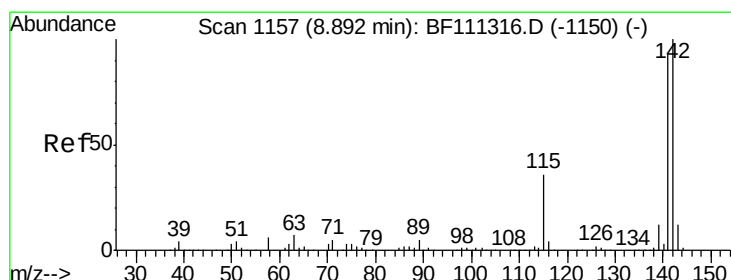
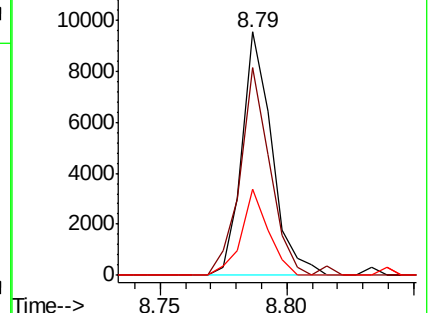
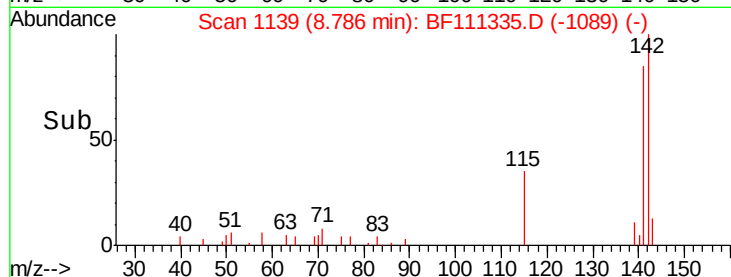
115 35.4 27.0 40.6



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: 0.232 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

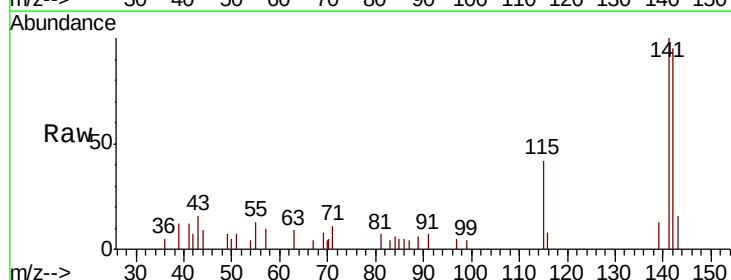
Tgt Ion:142 Resp: 6199

Ion Ratio Lower Upper

142 100

141 105.2 74.2 111.4

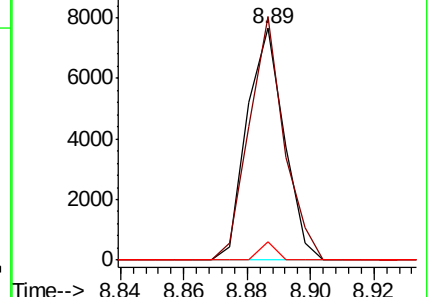
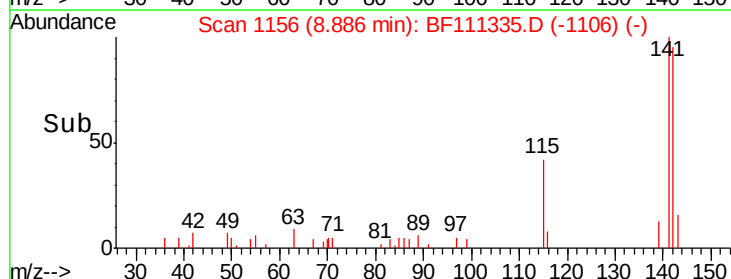
116 7.9 2.9 4.3#

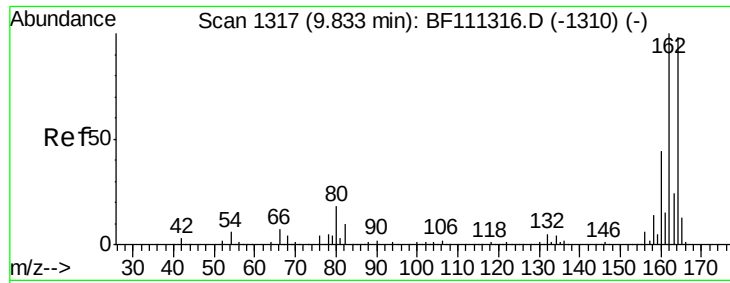


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

ClientSampleId :

TP-1

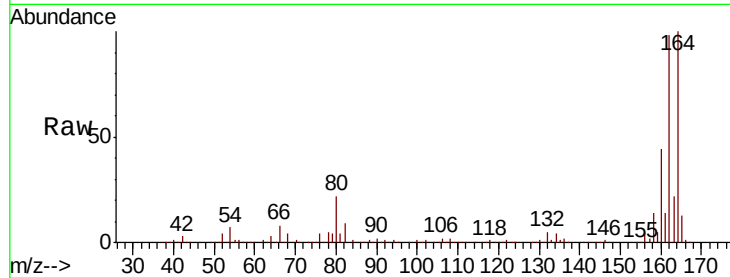
Tgt Ion:164 Resp: 356610

Ion Ratio Lower Upper

164 100

162 98.2 81.4 122.0

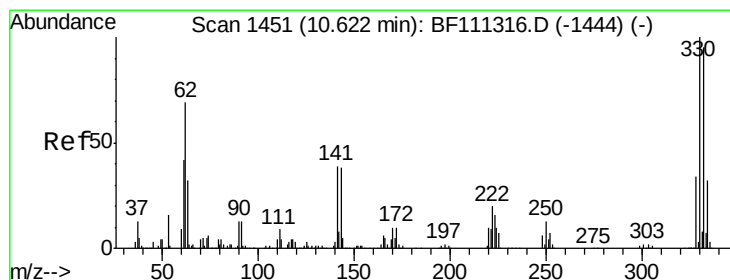
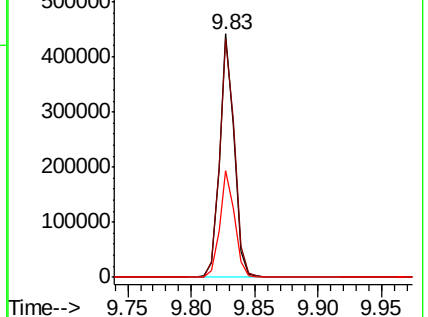
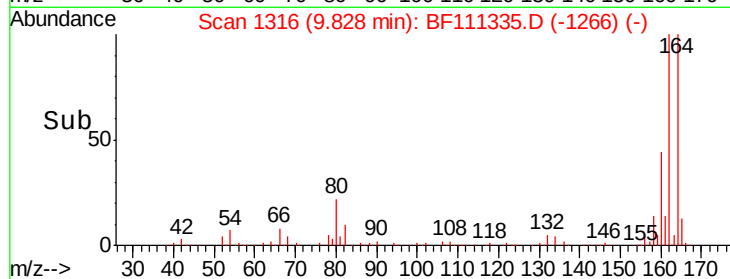
160 43.6 35.7 53.5



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: 92.403 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

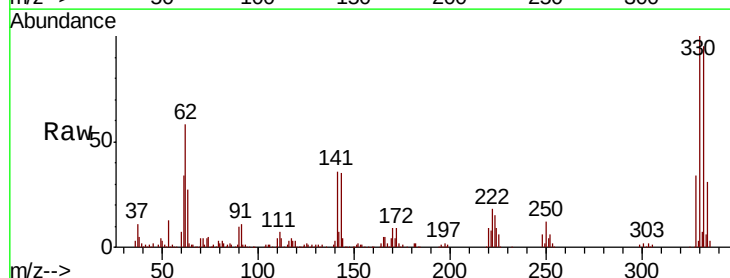
Tgt Ion:330 Resp: 290474

Ion Ratio Lower Upper

330 100

332 94.5 76.0 114.0

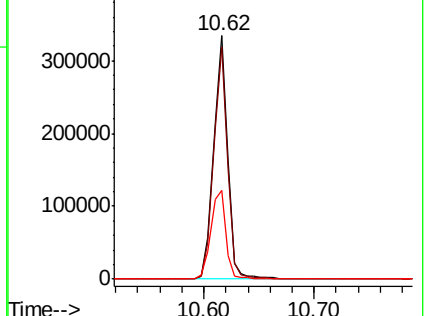
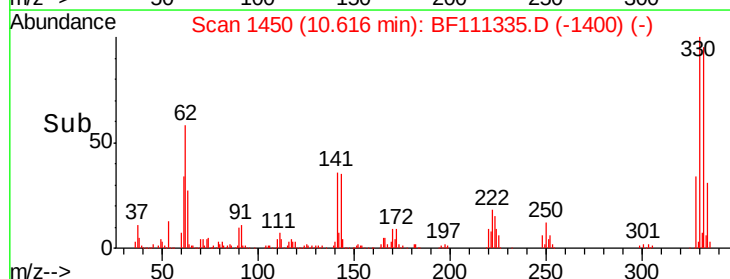
141 38.9 31.0 46.6

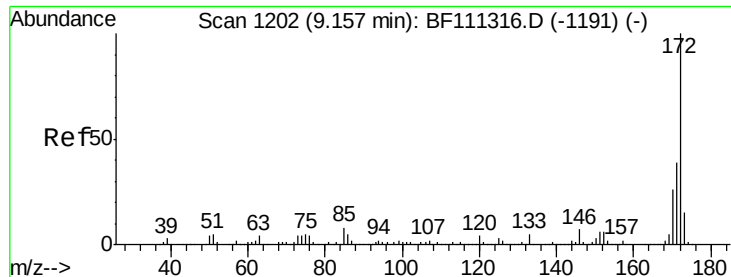


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

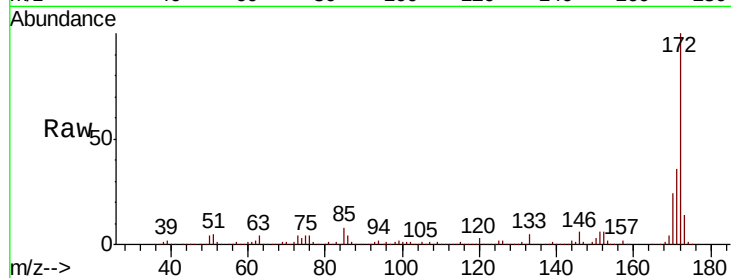




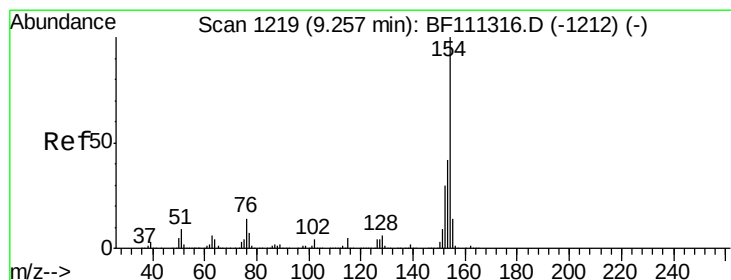
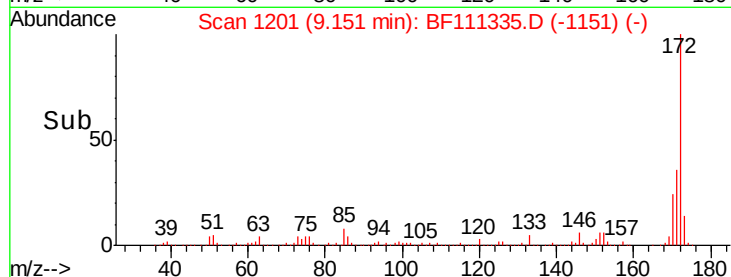
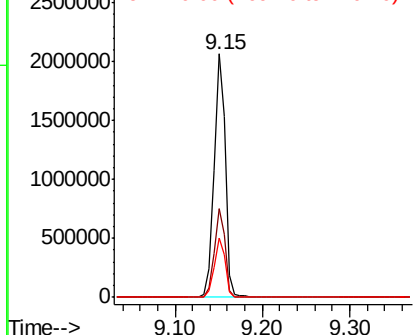
#45
2-Fluorobiphenyl
Concen: 82.981 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:172 Resp: 1843162
Ion Ratio Lower Upper
172 100
171 36.4 33.0 49.4
170 24.1 22.3 33.5

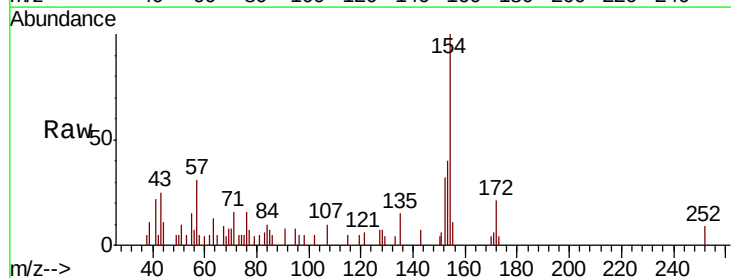


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

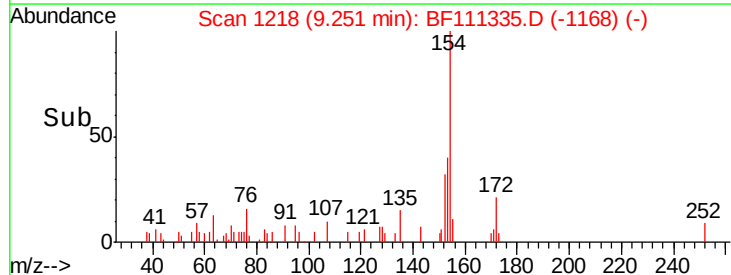
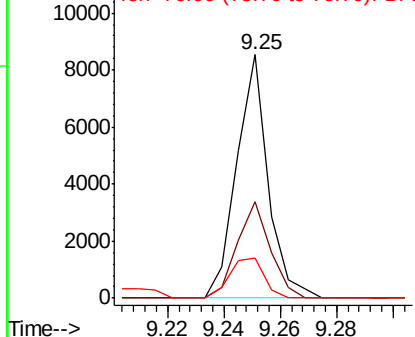


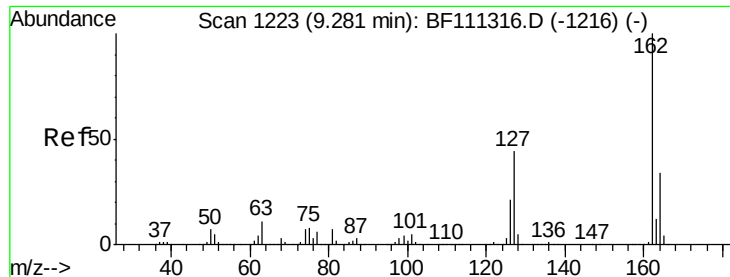
#46
1,1'-Biphenyl
Concen: 0.216 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion:154 Resp: 6567
Ion Ratio Lower Upper
154 100
153 39.5 23.7 63.7
76 16.4 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

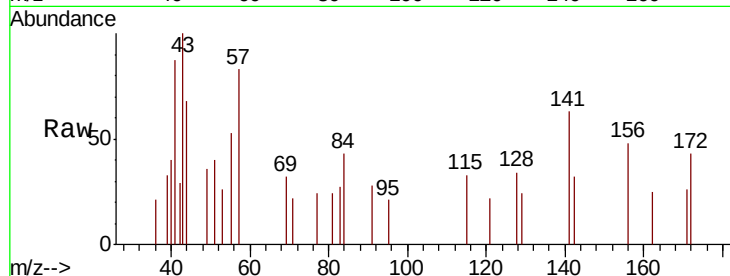




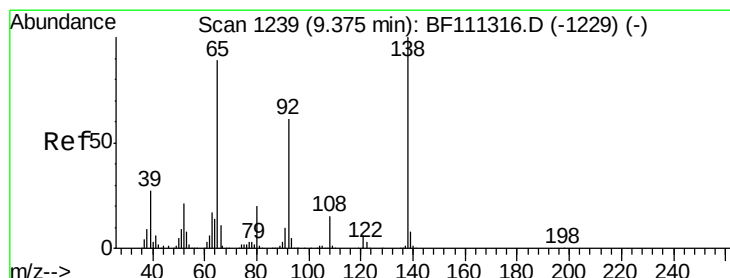
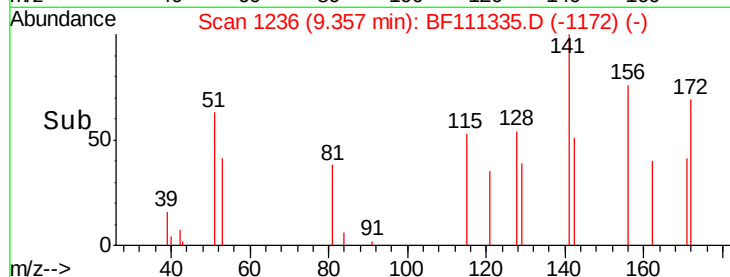
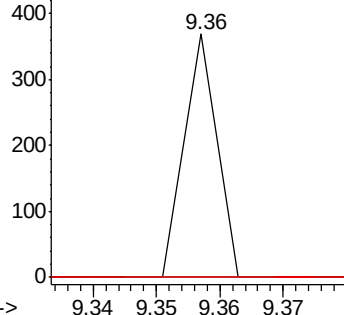
#47
2-Chloronaphthalene
Concen: 0.006 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.08 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 162 Resp: 130
Ion Ratio Lower Upper
162 100
127 0.0 35.0 52.4#
164 0.0 28.4 42.6#

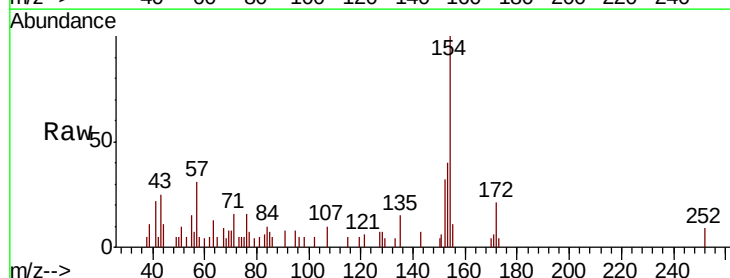


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

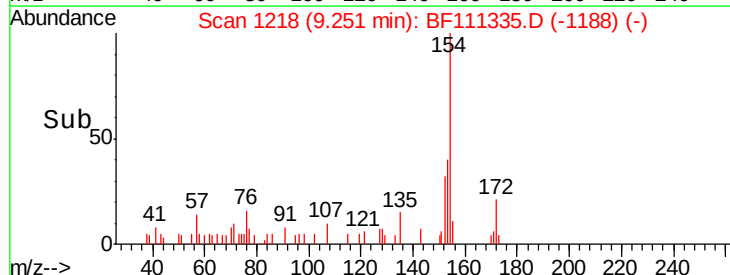
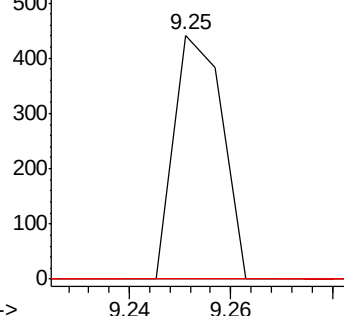


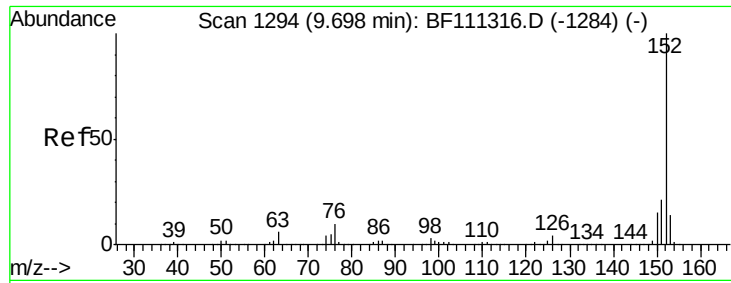
#48
2-Nitroaniline
Concen: 0.038 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.12 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion: 65 Resp: 291
Ion Ratio Lower Upper
65 100
92 0.0 53.5 80.3#
138 0.0 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





#49

Acenaphthylene

Concen: 0.792 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

ClientSampleId :

TP-1

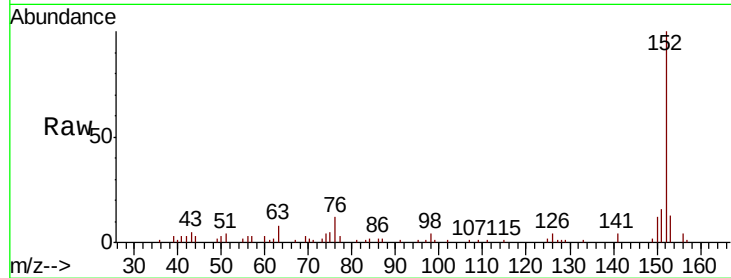
Tgt Ion:152 Resp: 26952

Ion Ratio Lower Upper

152 100

151 15.9 18.0 27.0#

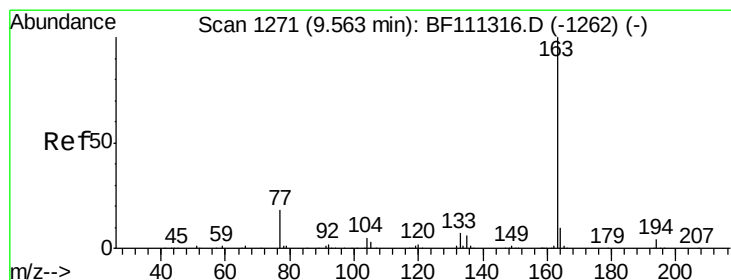
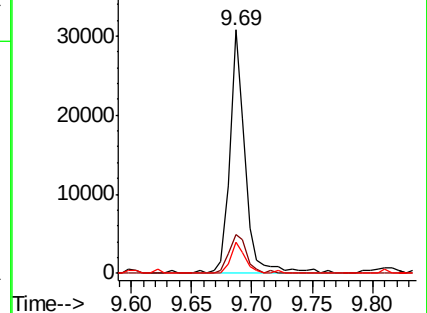
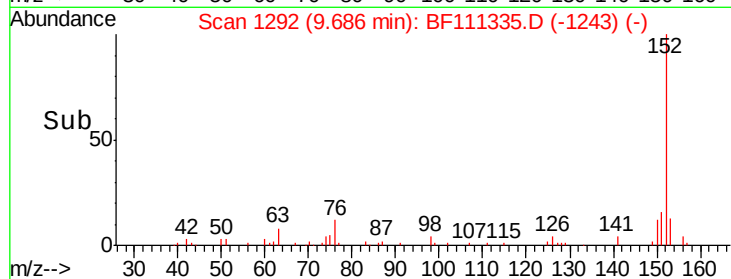
153 12.9 12.3 18.5



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: 12.317 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

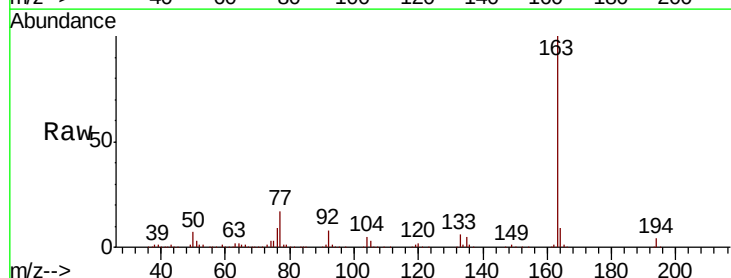
Tgt Ion:163 Resp: 315869

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

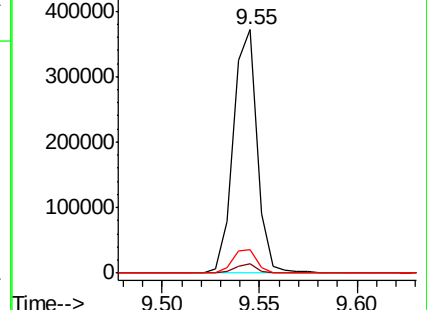
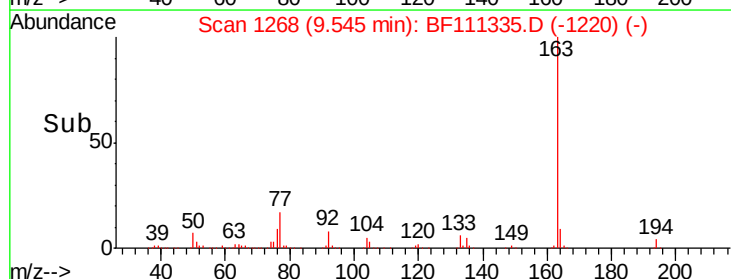
164 9.5 8.9 13.3

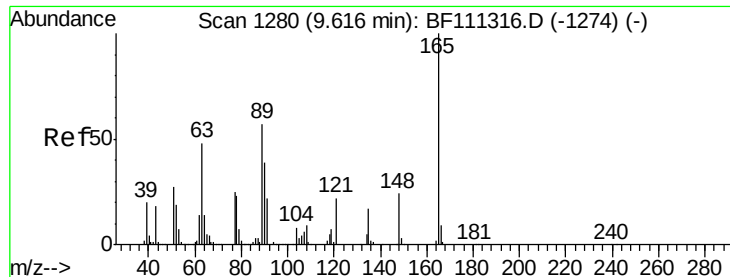


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

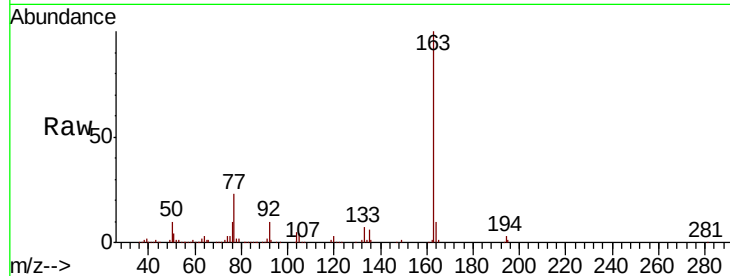




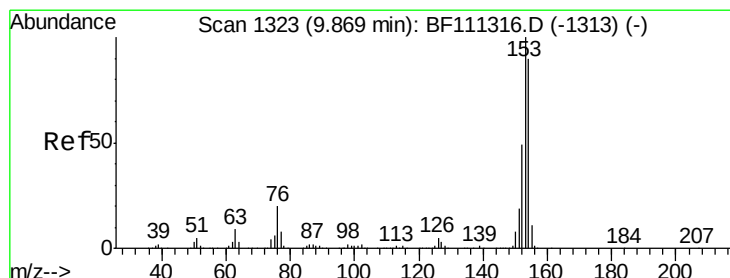
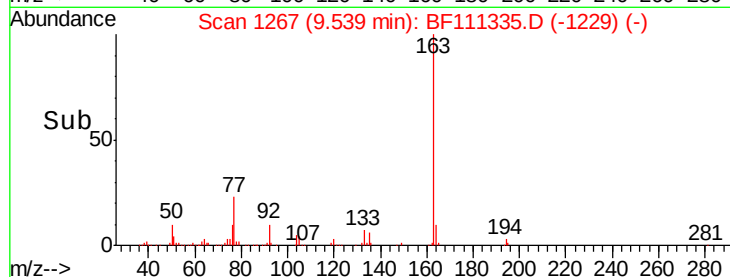
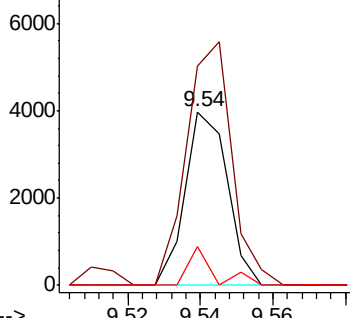
#51
 2,6-Dinitrotoluene
 Concen: 0.568 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.08 min
 Lab File: BF111335.D
 Acq: 12 Dec 2018 21:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:165 Resp: 3228
 Ion Ratio Lower Upper
 165 100
 63 126.5 40.5 60.7#
 89 22.1 40.0 60.0#

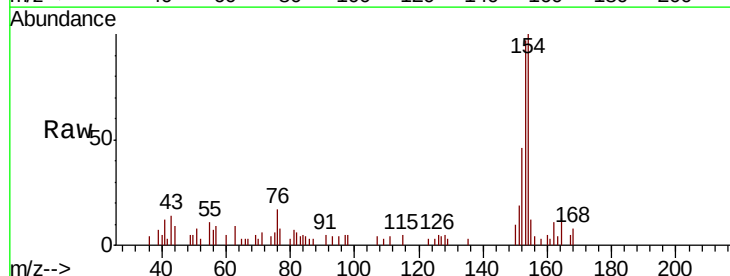


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

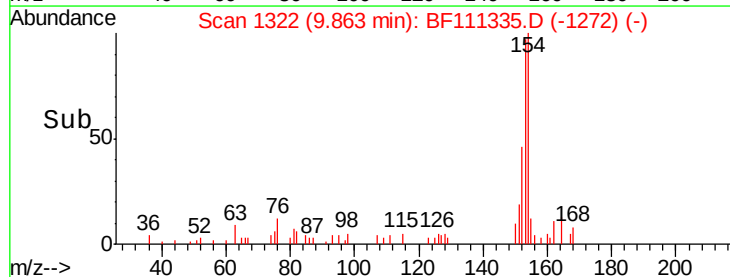
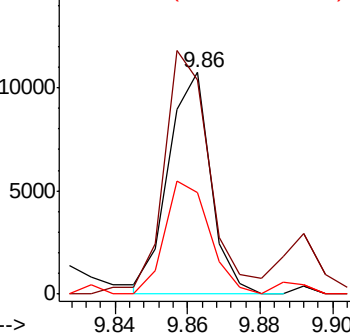


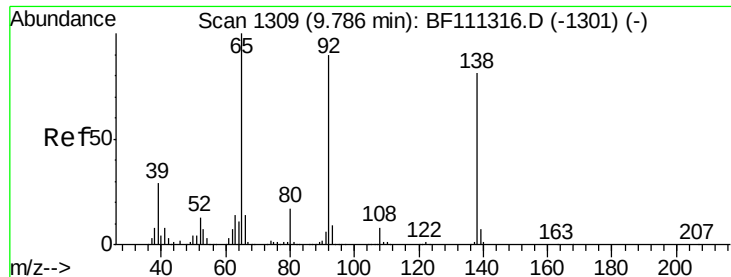
#52
 Acenaphthene
 Concen: 0.409 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF111335.D
 Acq: 12 Dec 2018 21:33

Tgt Ion:154 Resp: 8777
 Ion Ratio Lower Upper
 154 100
 153 96.9 87.8 131.8
 152 45.7 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

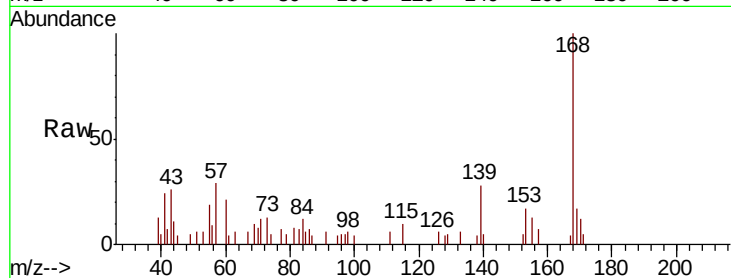




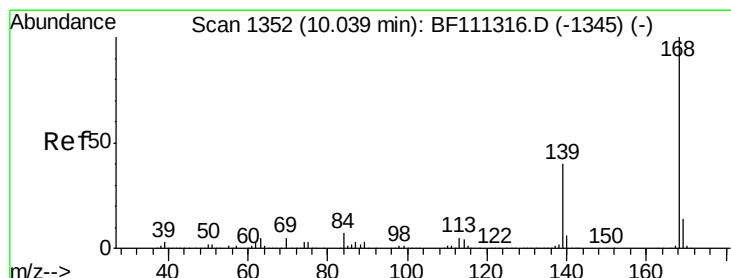
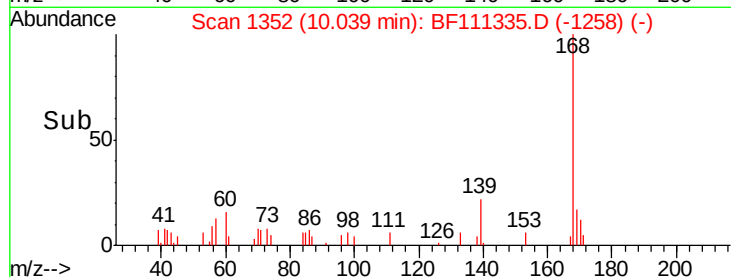
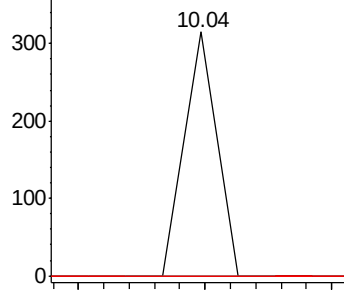
#53
3-Nitroaniline
Concen: 0.016 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.25 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:138 Resp: 111
Ion Ratio Lower Upper
138 100
108 0.0 8.2 12.4#
92 0.0 93.4 140.2#

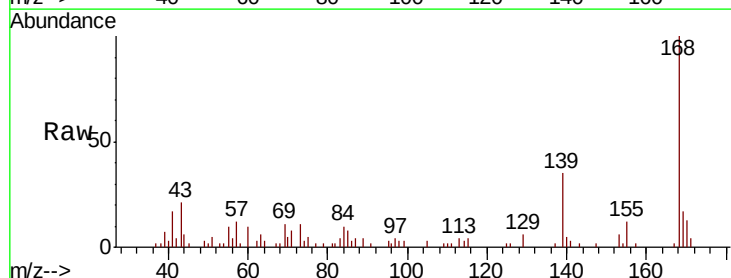


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

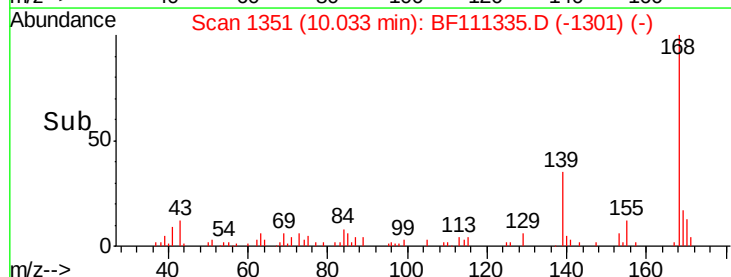
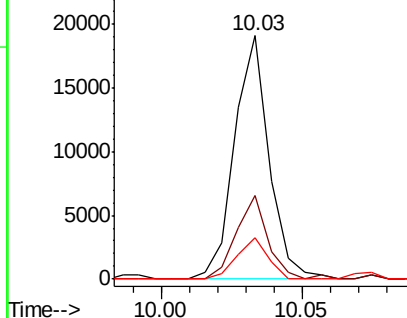


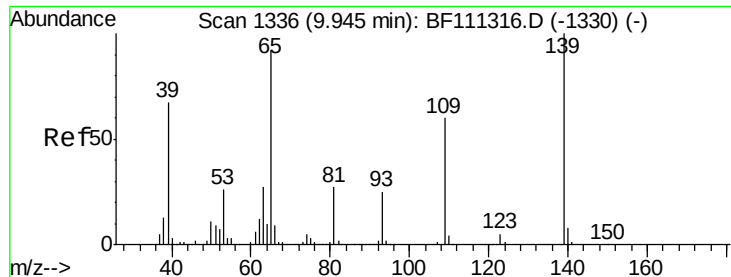
#55
Dibenzofuran
Concen: 0.525 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion:168 Resp: 16266
Ion Ratio Lower Upper
168 100
139 34.6 32.6 49.0
169 17.1 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

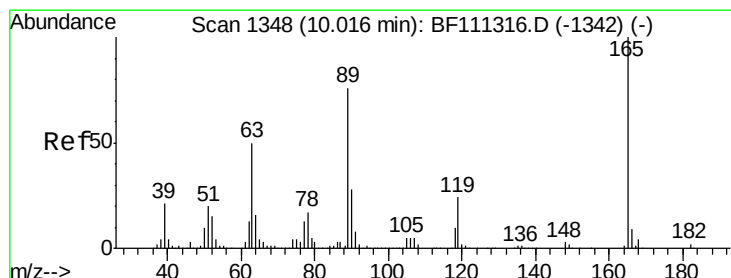
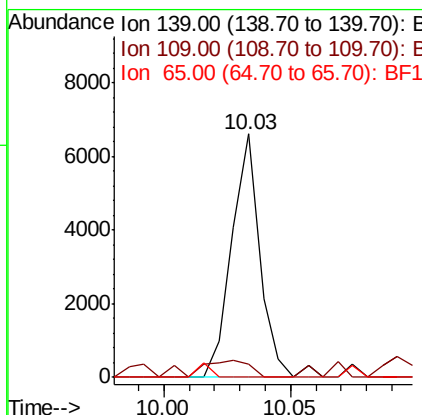
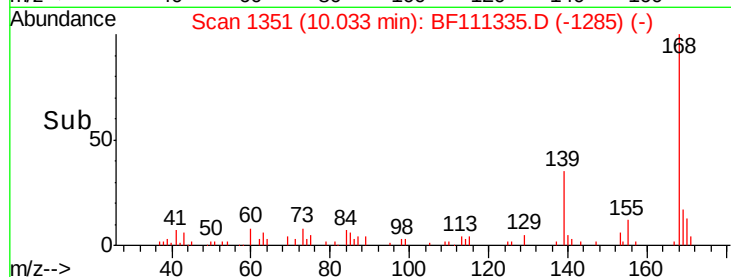
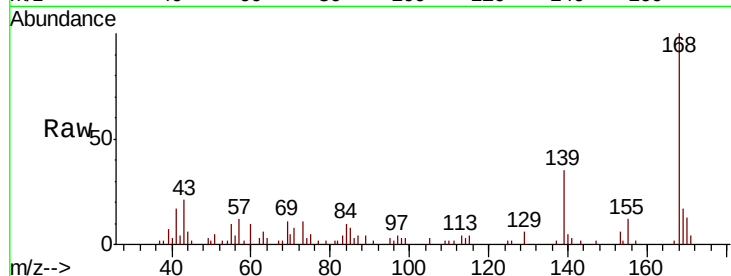




#56
4-Nitrophenol
Concen: 1.046 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.09 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

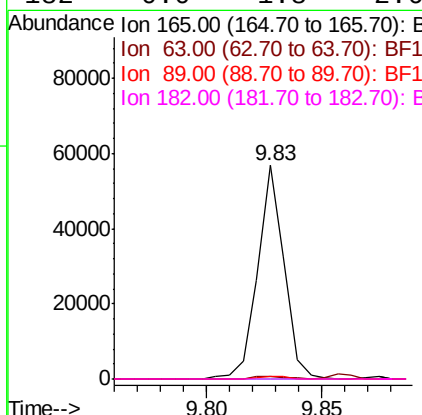
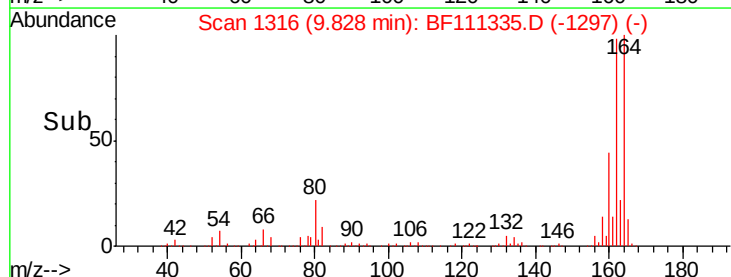
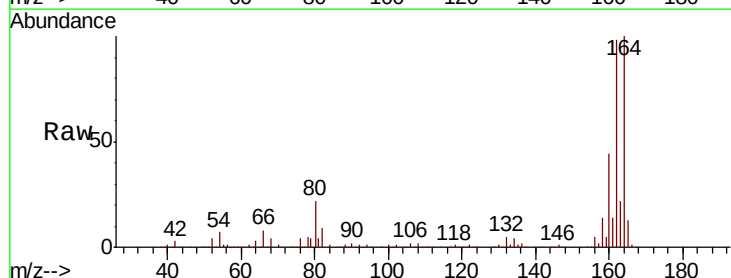
Instrument :
BNA_F
ClientSampleId :
TP-1

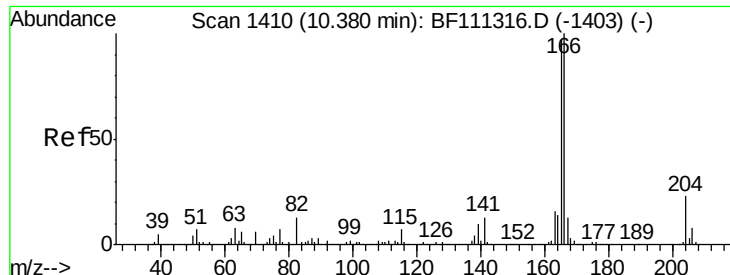
Tgt Ion	Ratio	Lower	Upper
139	100		
109	5.6	41.8	81.8#
65	0.0	79.6	119.6#



#57
2,4-Dinitrotoluene
Concen: 6.237 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.6	52.0#
89	1.1	56.2	84.4#
182	0.0	1.8	2.6#





#58

Fluorene

Concen: 0.556 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

ClientSampleId :

TP-1

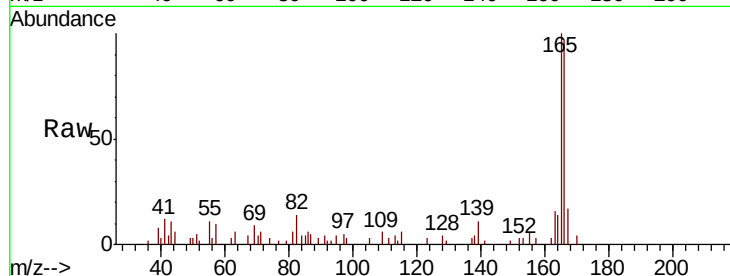
Tgt Ion:166 Resp: 12331

Ion Ratio Lower Upper

166 100

165 102.9 78.4 117.6

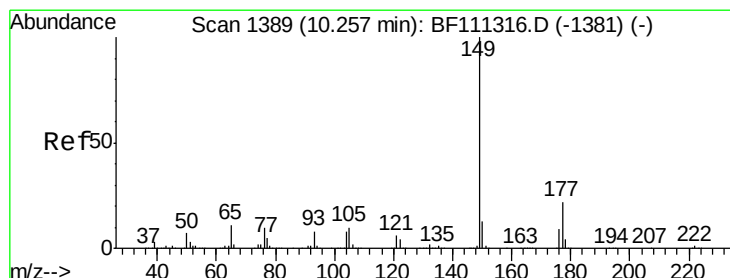
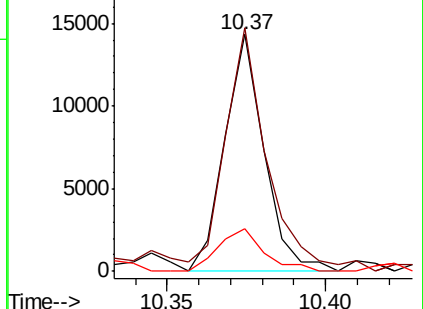
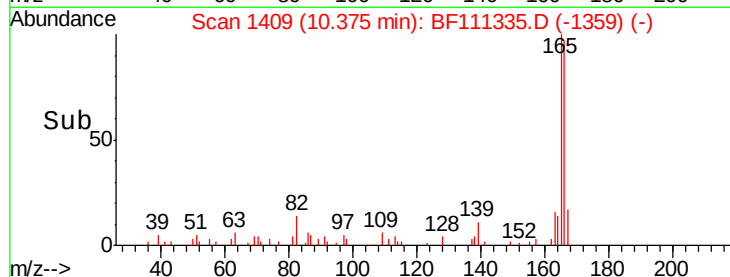
167 17.9 11.2 16.8#



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: 0.469 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

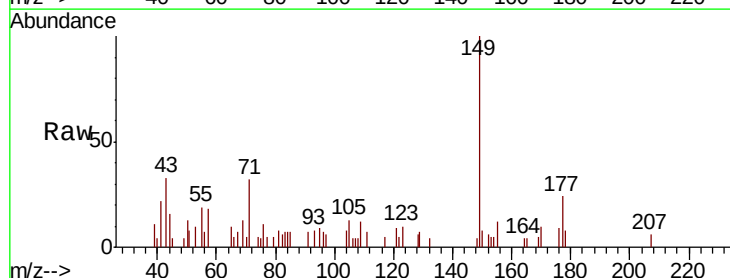
Tgt Ion:149 Resp: 12099

Ion Ratio Lower Upper

149 100

177 23.6 18.3 27.5

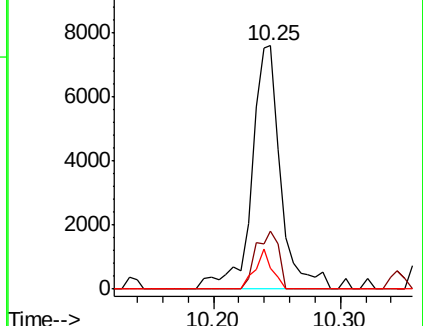
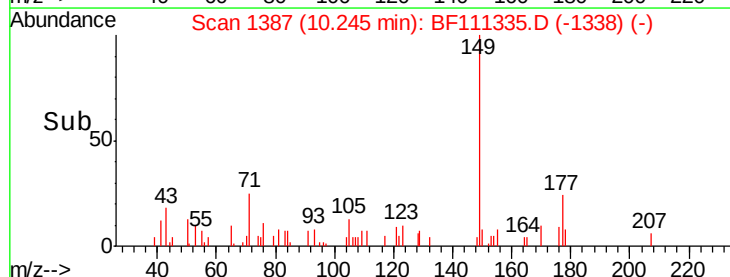
150 8.4 10.6 15.8#

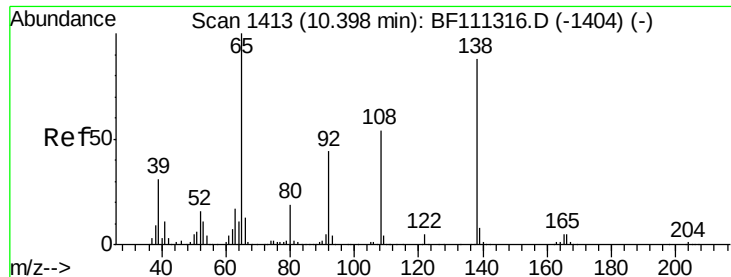


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

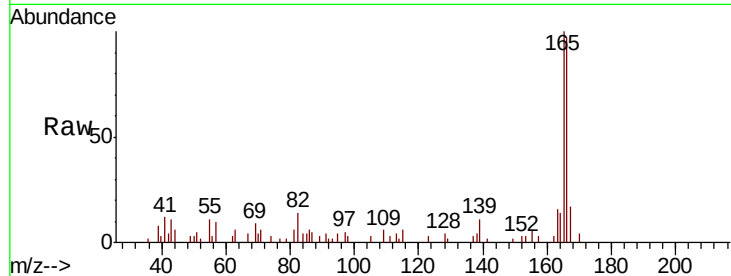




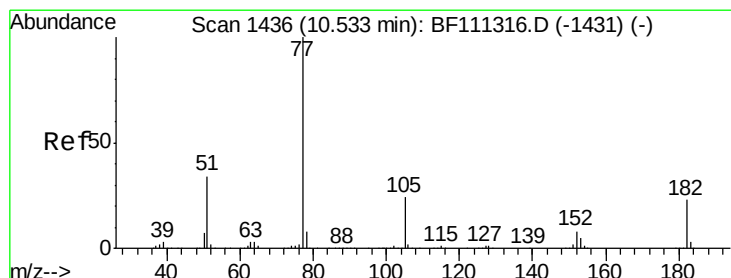
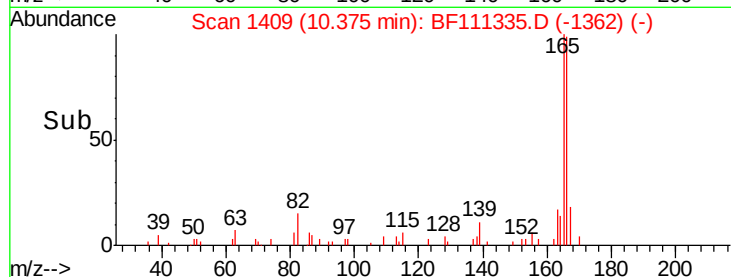
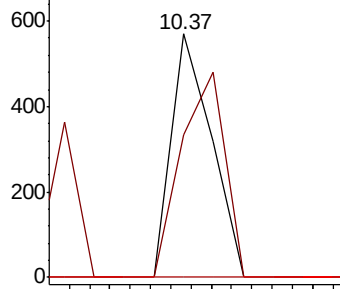
#62
4-Nitroaniline
Concen: 0.048 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 138 Resp: 314
Ion Ratio Lower Upper
138 100
92 58.6 29.9 69.9
108 0.0 43.2 83.2#

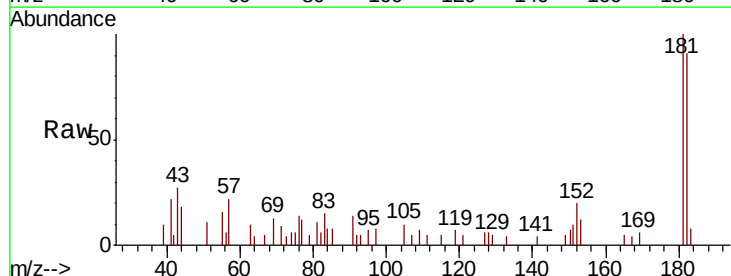


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

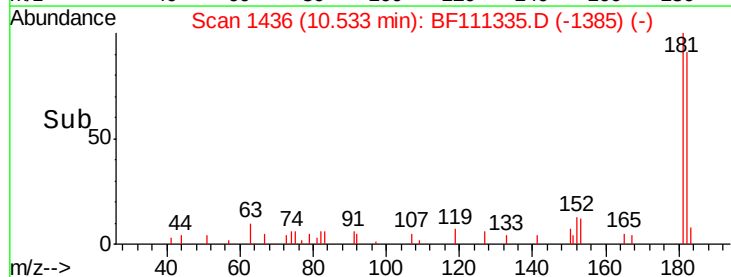
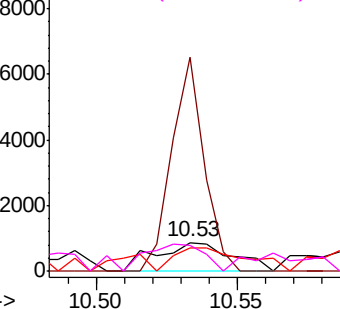


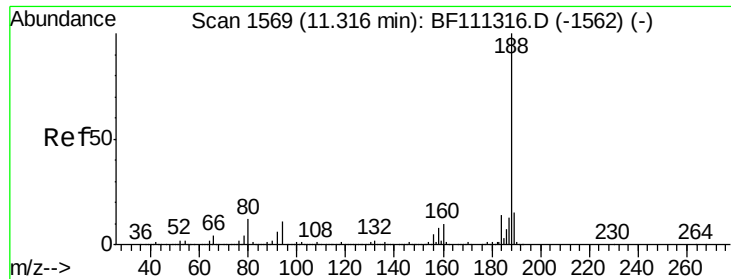
#63
Azobenzene
Concen: 0.063 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion: 77 Resp: 1636
Ion Ratio Lower Upper
77 100
182 751.0 4.9 44.9#
105 82.0 6.0 46.0#
51 90.9 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

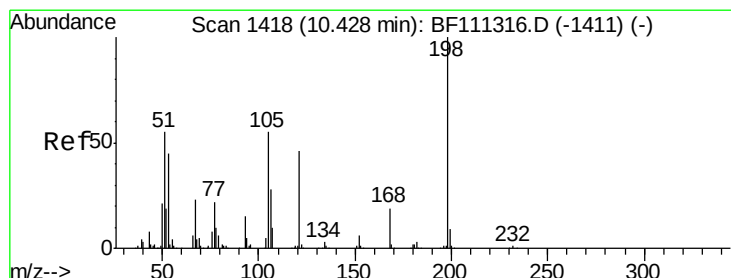
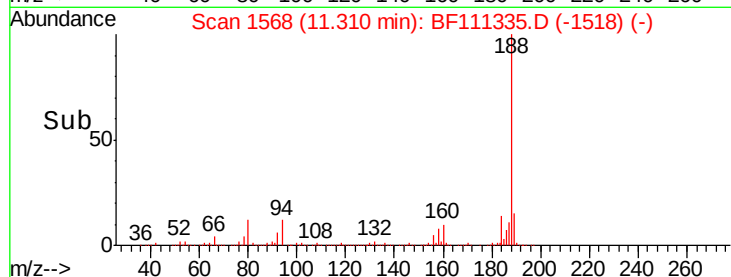
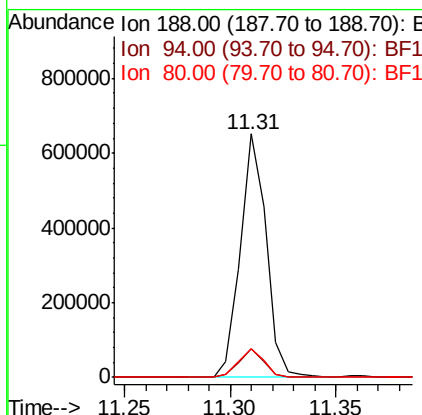
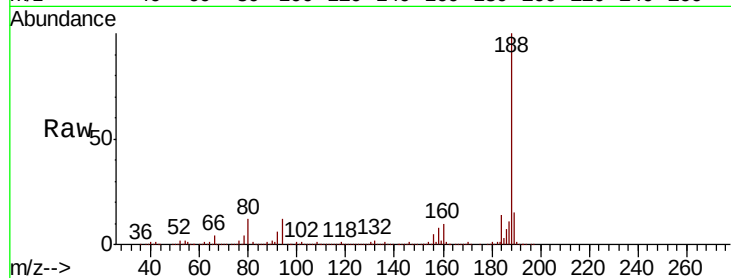




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

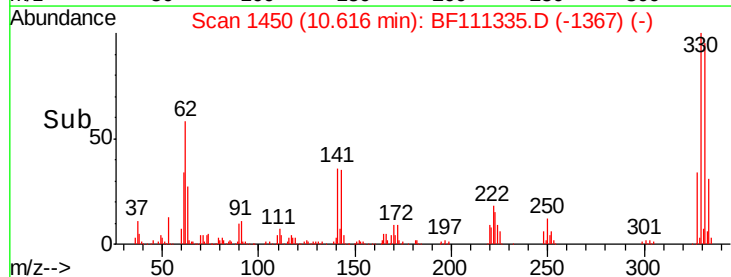
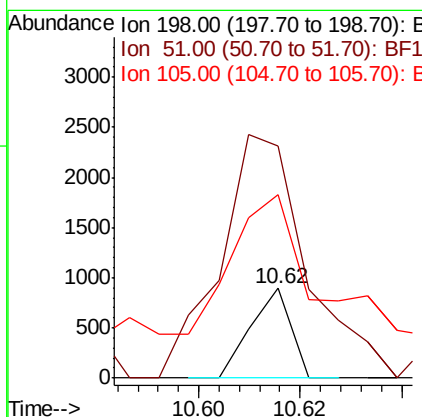
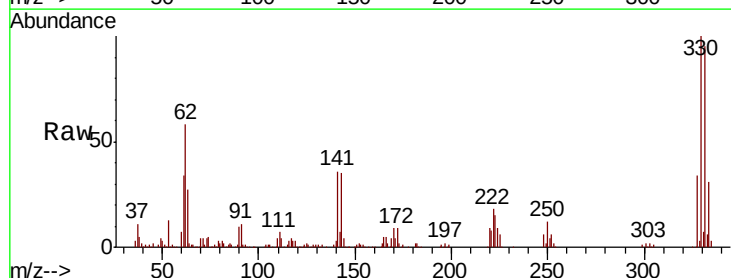
Instrument :
BNA_F
ClientSampleId :
TP-1

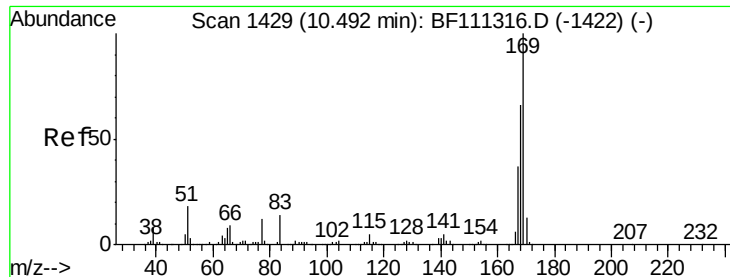
Tgt Ion:188 Resp: 551722
Ion Ratio Lower Upper
188 100
94 11.6 9.6 14.4
80 11.6 9.8 14.6



#65
4,6-Dinitro-2-methylphenol
Concen: 0.154 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.19 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion:198 Resp: 487
Ion Ratio Lower Upper
198 100
51 257.9 48.0 88.0#
105 203.5 34.0 74.0#

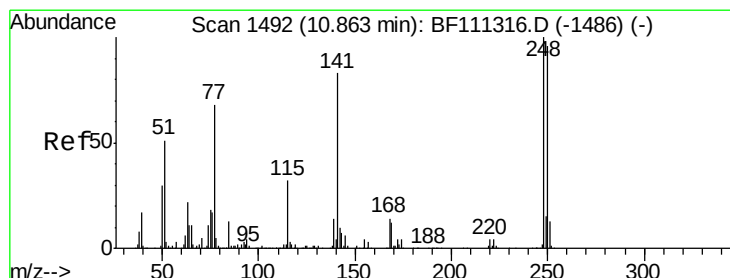
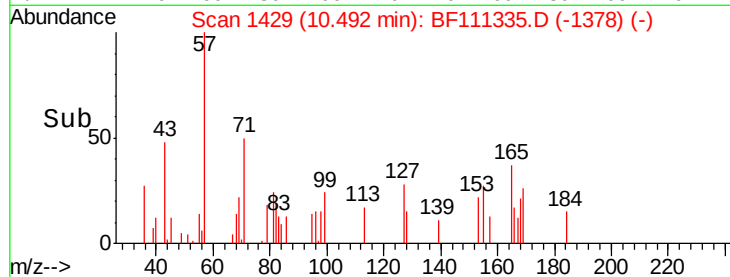
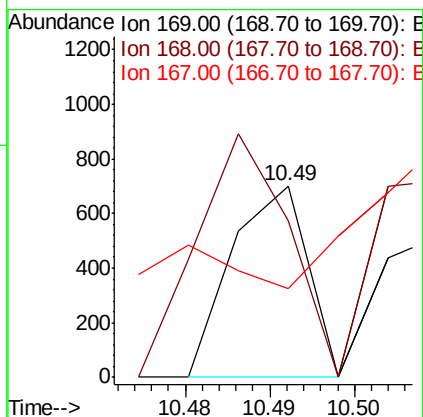
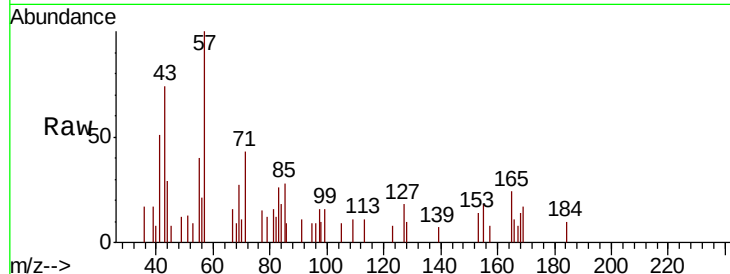




#66
 n-Nitrosodiphenylamine
 Concen: 0.022 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF111335.D
 Acq: 12 Dec 2018 21:33

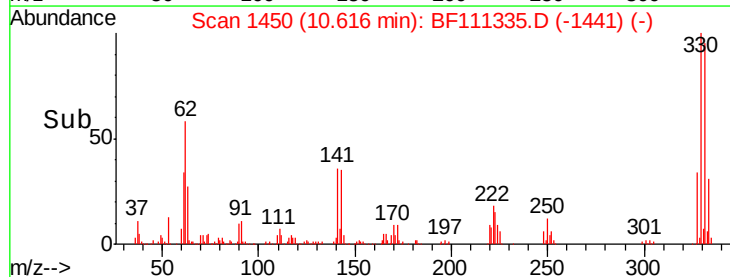
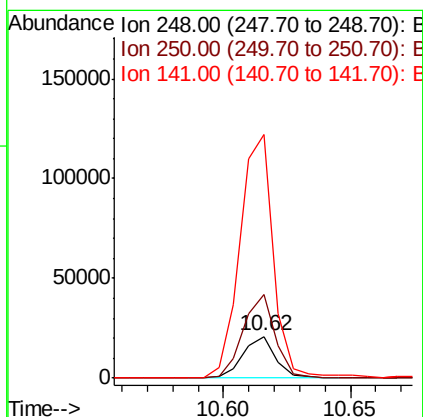
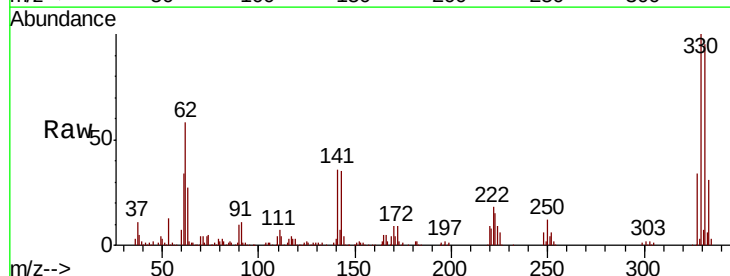
Instrument :
 BNA_F
 ClientSampled :
 TP-1

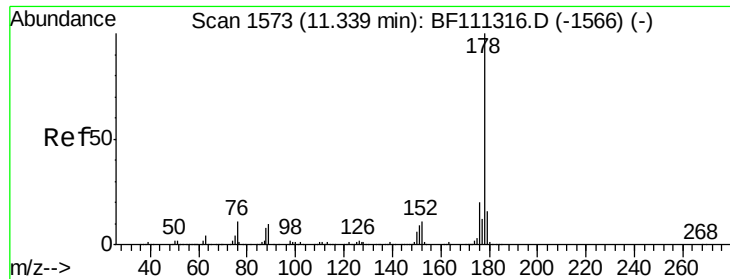
Tgt Ion:169 Resp: 436
 Ion Ratio Lower Upper
 169 100
 168 81.9 54.4 81.6#
 167 46.4 30.5 45.7#



#67
 4-Bromophenyl-phenylether
 Concen: 3.034 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF111335.D
 Acq: 12 Dec 2018 21:33

Tgt Ion:248 Resp: 18633
 Ion Ratio Lower Upper
 248 100
 250 198.6 77.0 115.4#
 141 579.7 63.0 94.6#

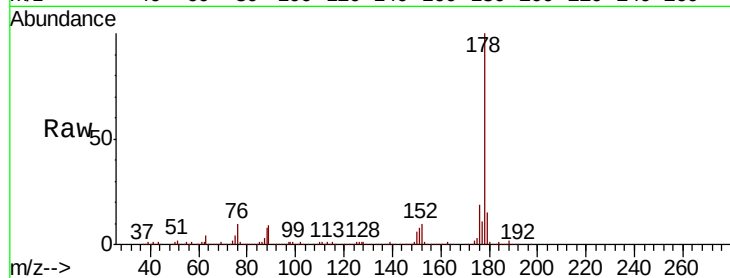




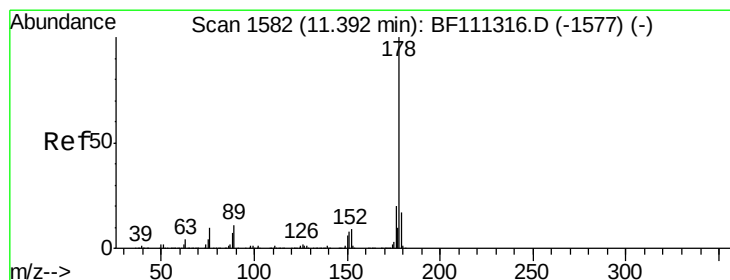
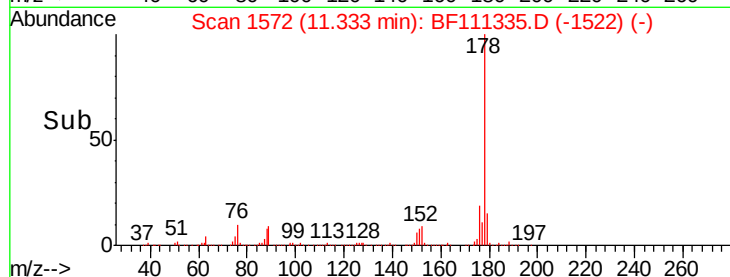
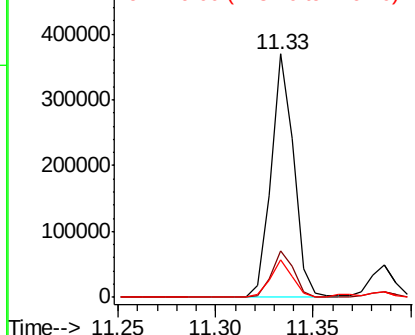
#71
Phenanthrene
Concen: 10.443 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	18.1	27.1
179	15.3	14.0	21.0

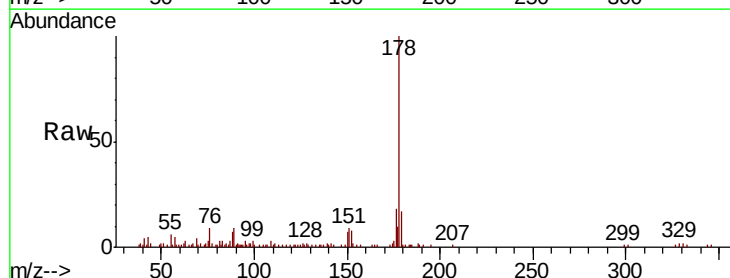


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

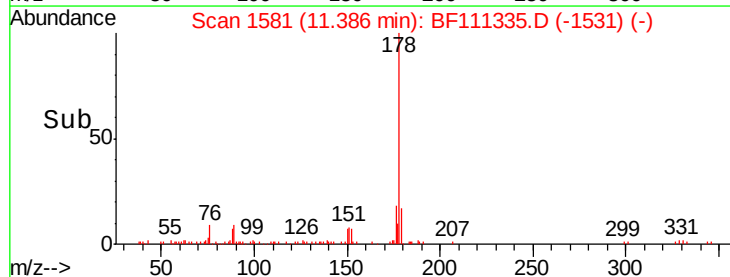
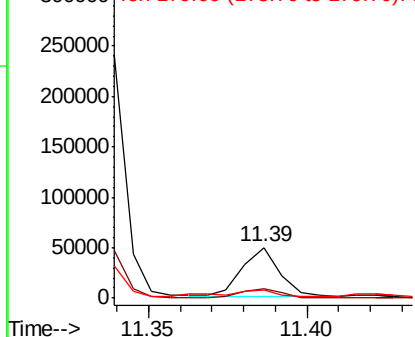


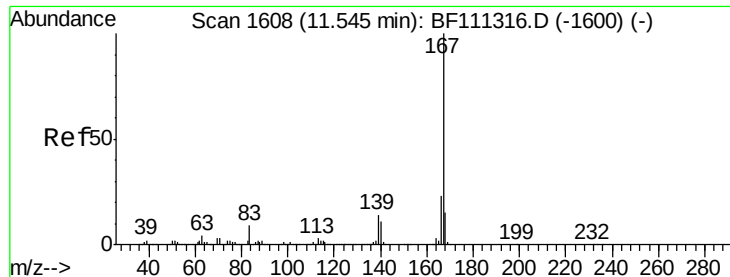
#72
Anthracene
Concen: 1.378 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	17.2	25.8
179	17.1	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: 1.196 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

ClientSampleId :

TP-1

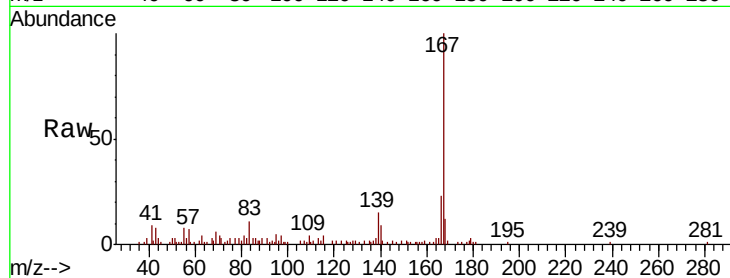
Tgt Ion:167 Resp: 35902

Ion Ratio Lower Upper

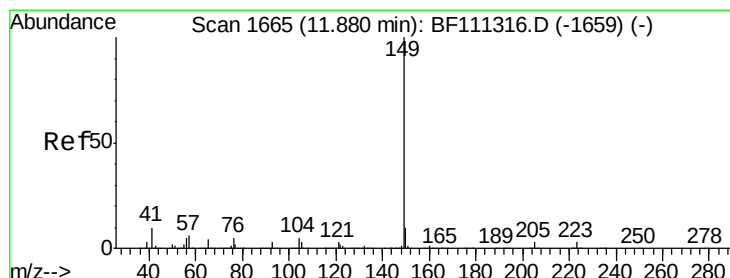
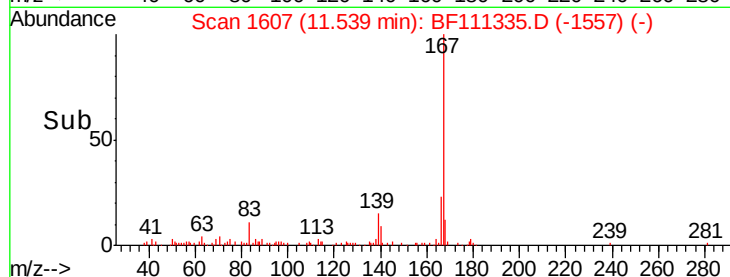
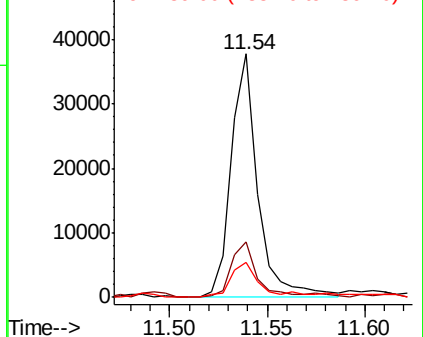
167 100

166 22.8 19.3 28.9

139 14.6 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.323 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

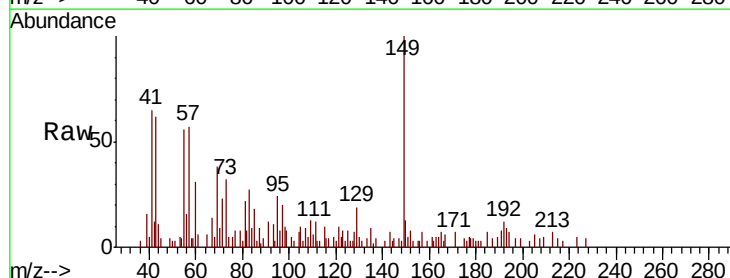
Tgt Ion:149 Resp: 11039

Ion Ratio Lower Upper

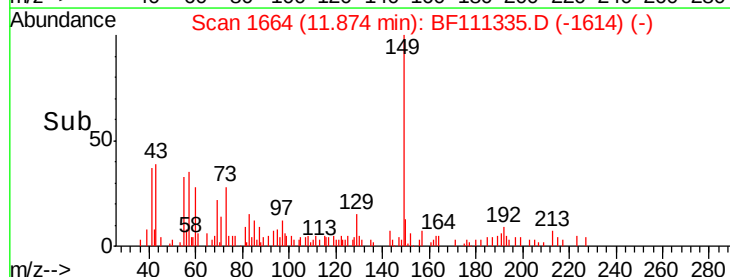
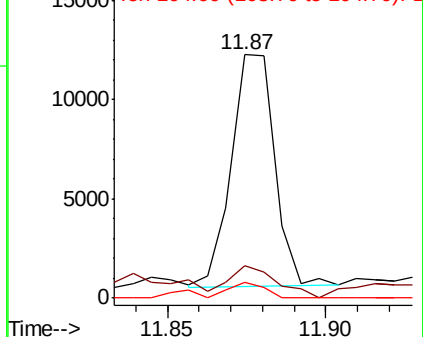
149 100

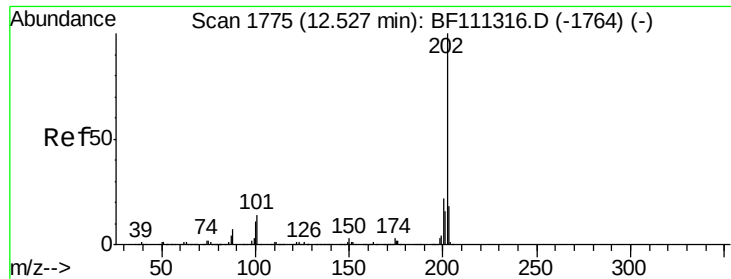
150 13.3 8.8 13.2#

104 6.6 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 16.111 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

ClientSampleId :

TP-1

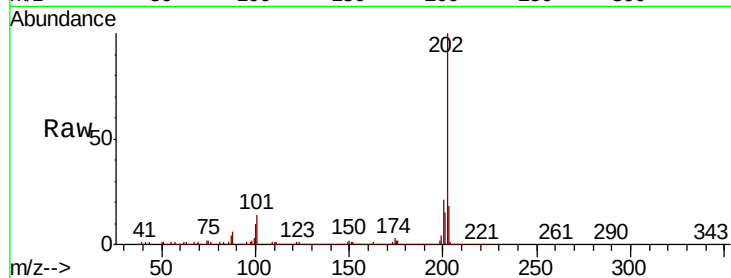
Tgt Ion:202 Resp: 448519

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.8

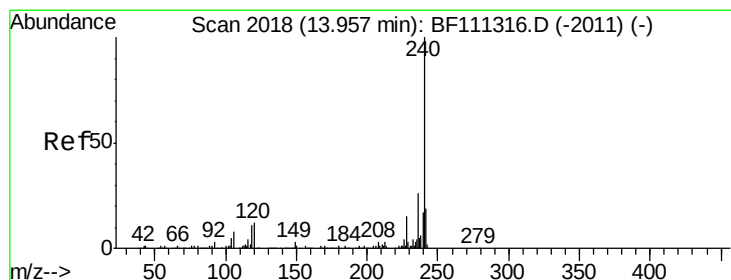
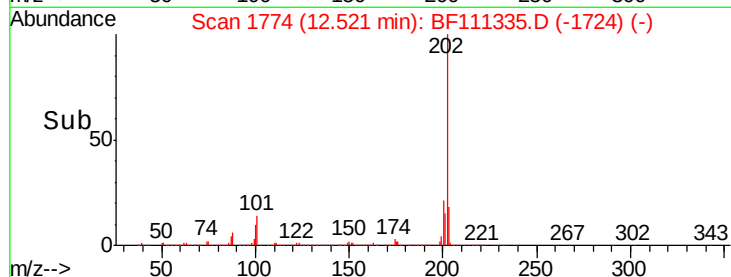
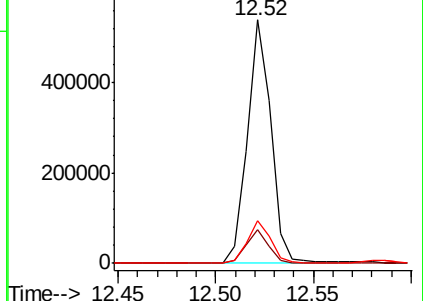
203 17.5 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

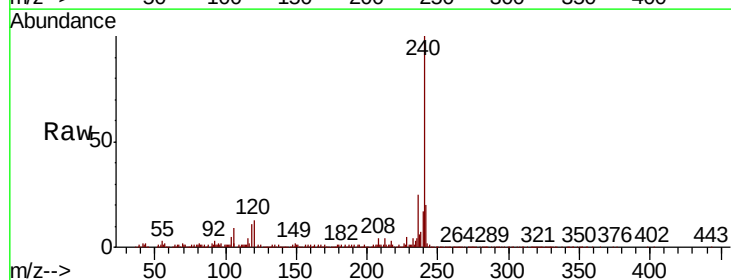
Tgt Ion:240 Resp: 425921

Ion Ratio Lower Upper

240 100

120 12.7 12.2 18.2

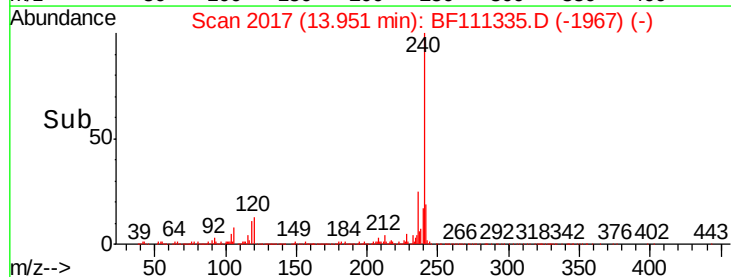
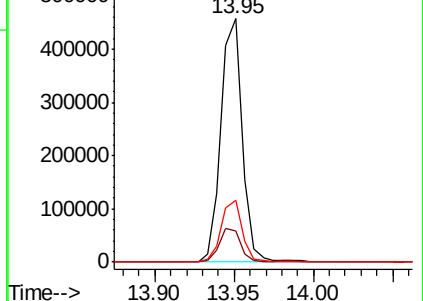
236 25.4 20.2 30.2

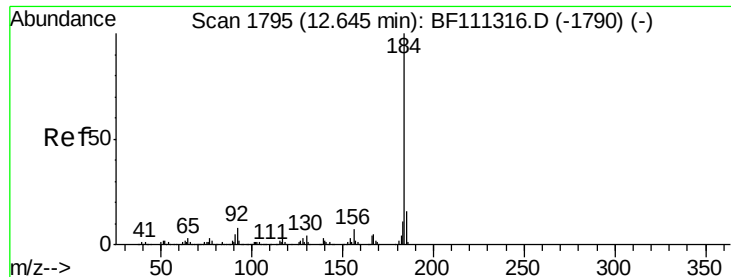


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.166 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.25 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

ClientSampleId :

TP-1

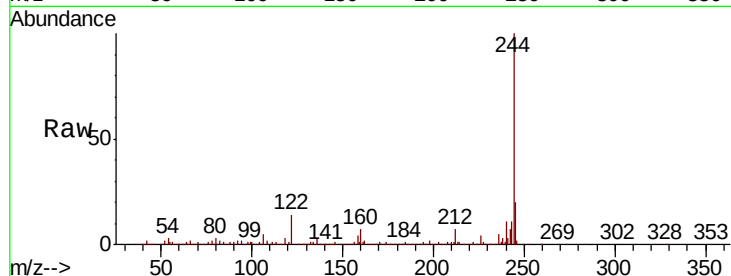
Tgt Ion:184 Resp: 17406

Ion Ratio Lower Upper

184 100

185 19.2 13.0 19.6

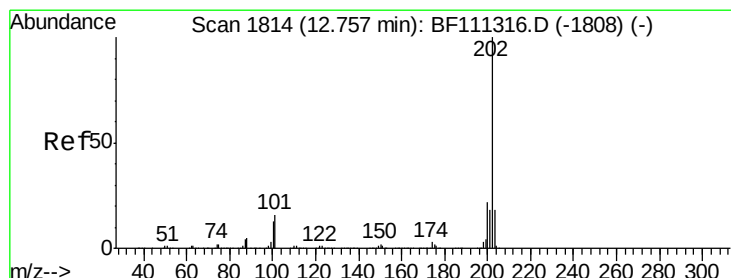
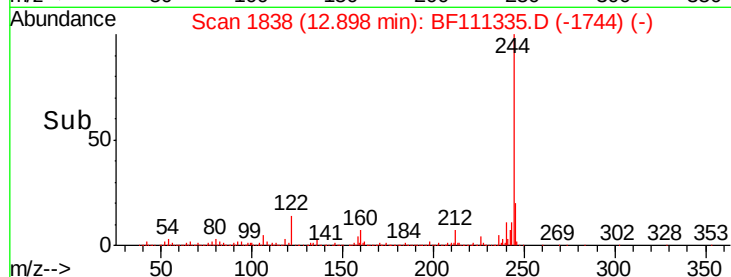
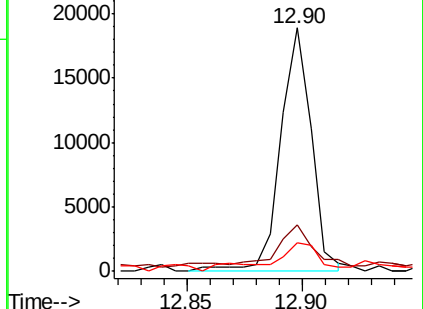
183 11.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 11.646 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

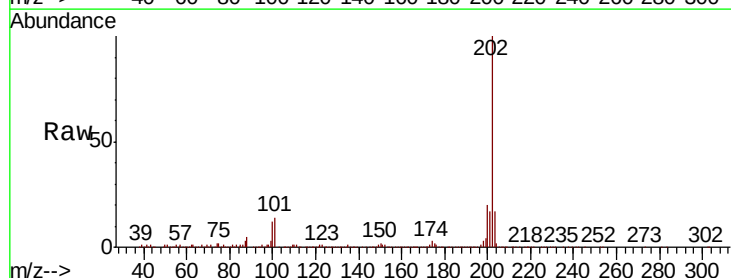
Tgt Ion:202 Resp: 382831

Ion Ratio Lower Upper

202 100

200 20.2 19.0 28.4

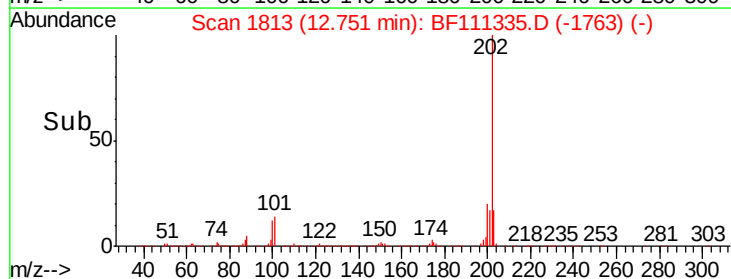
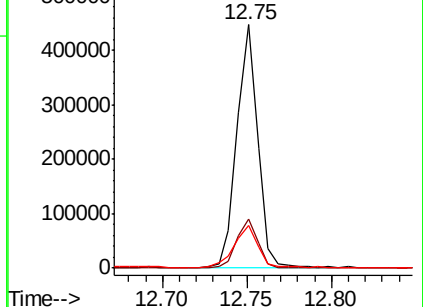
203 17.4 15.2 22.8

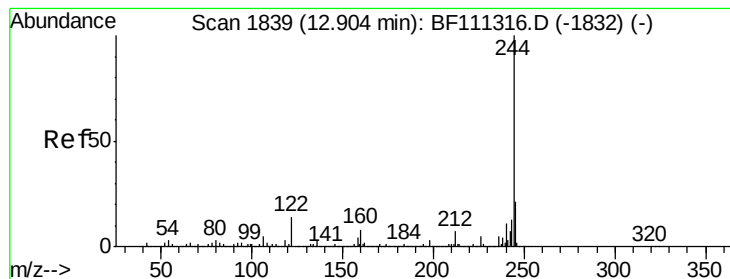


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.522 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

ClientSampleId :

TP-1

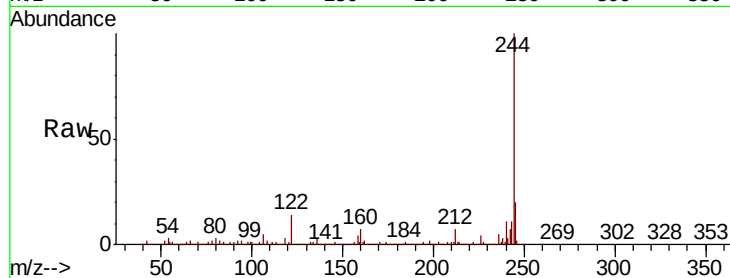
Tgt Ion:244 Resp: 1442134

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

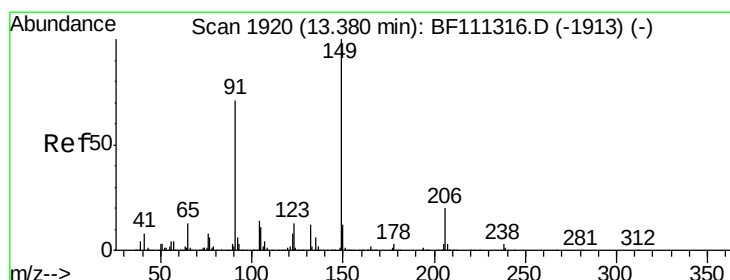
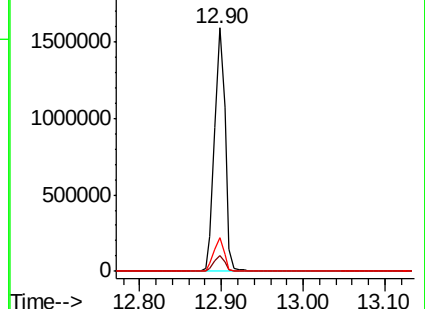
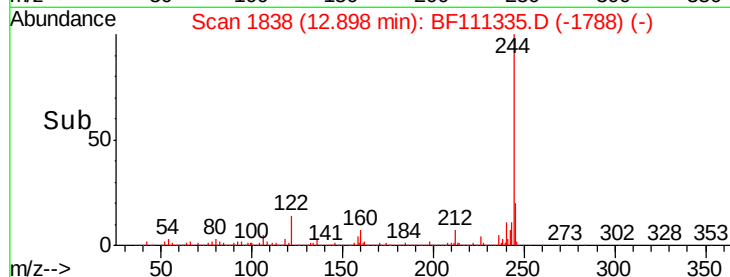
122 14.0 13.1 19.7



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: 0.103 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

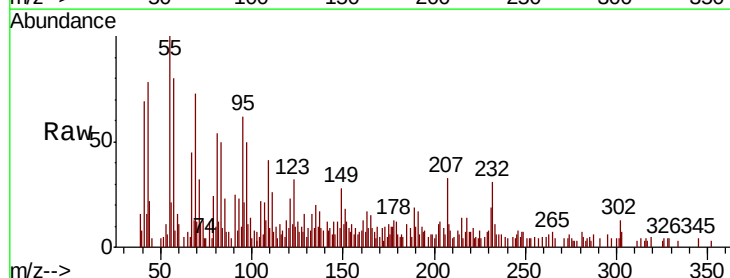
Tgt Ion:149 Resp: 1625

Ion Ratio Lower Upper

149 100

91 89.8 63.8 95.6

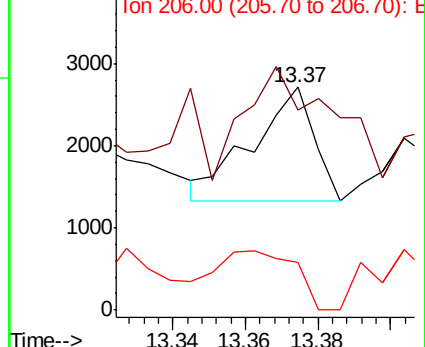
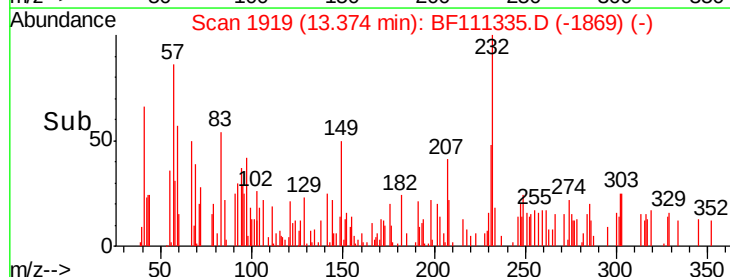
206 21.5 15.1 22.7

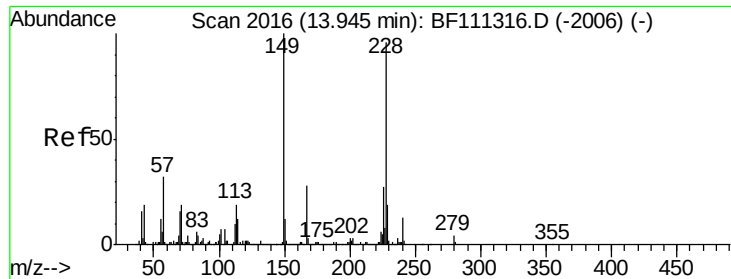


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 5.822 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

ClientSampleId :

TP-1

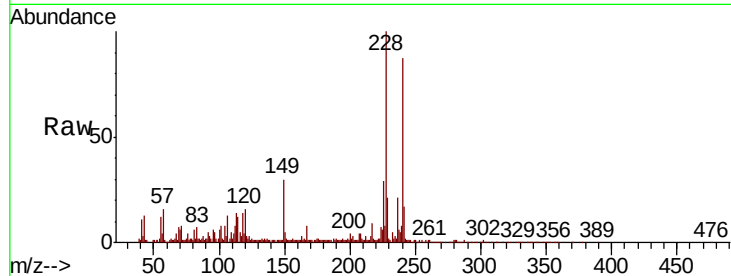
Tgt Ion:228 Resp: 138734

Ion Ratio Lower Upper

228 100

226 29.1 22.6 34.0

229 20.7 16.3 24.5

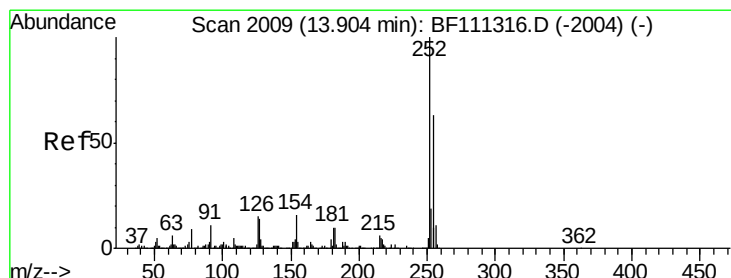
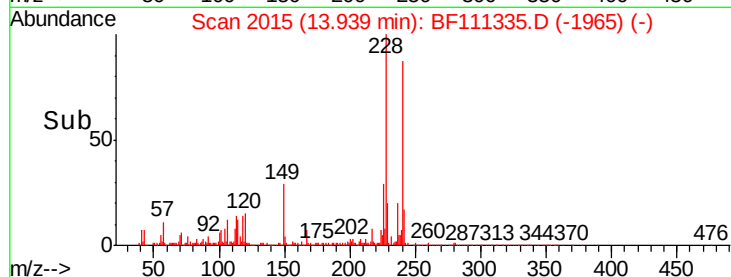
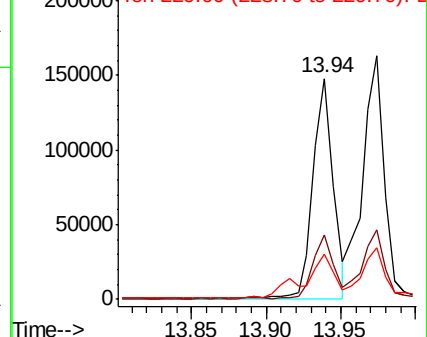


Abundance

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: 0.107 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

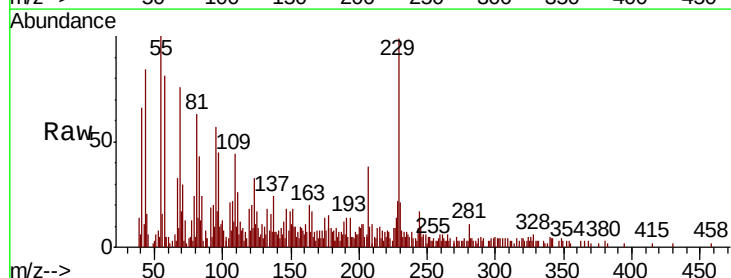
Tgt Ion:252 Resp: 961

Ion Ratio Lower Upper

252 100

254 58.1 52.7 79.1

126 180.6 11.1 16.7#

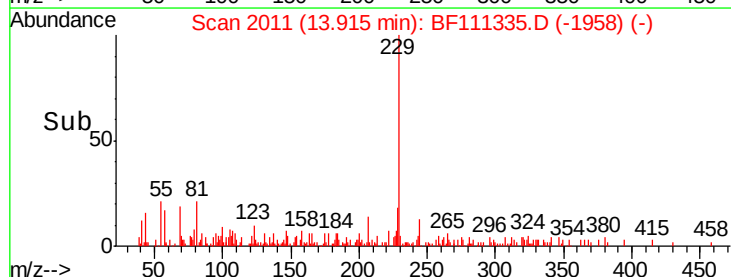
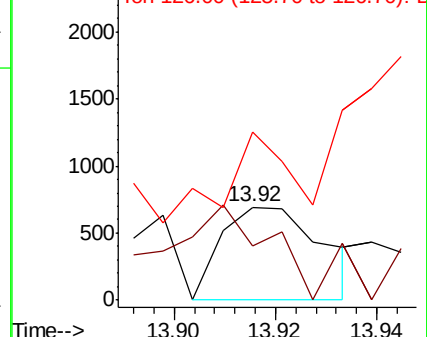


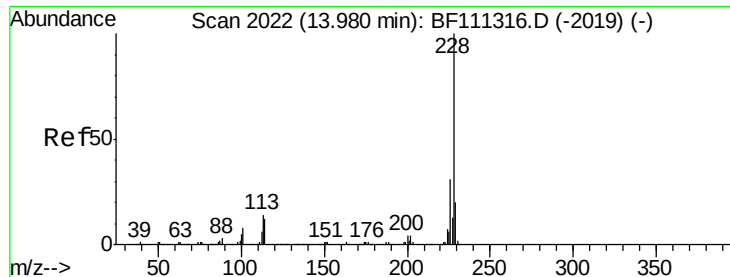
Abundance

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

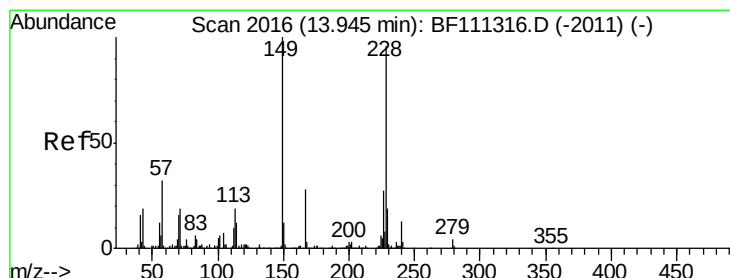
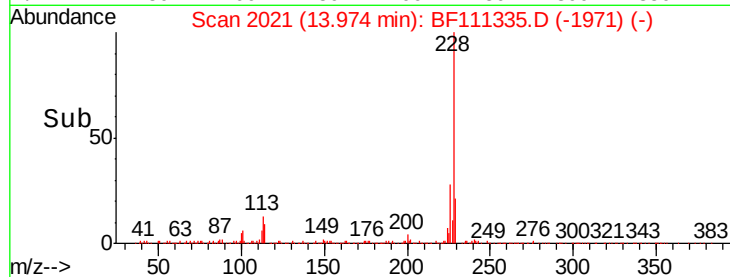
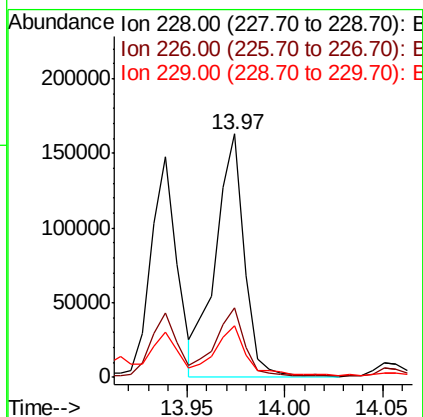
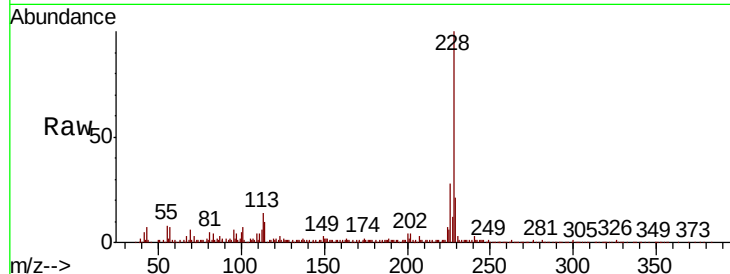




#83
Chrysene
Concen: 6.863 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

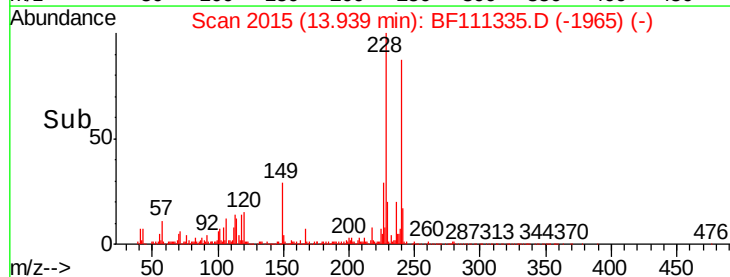
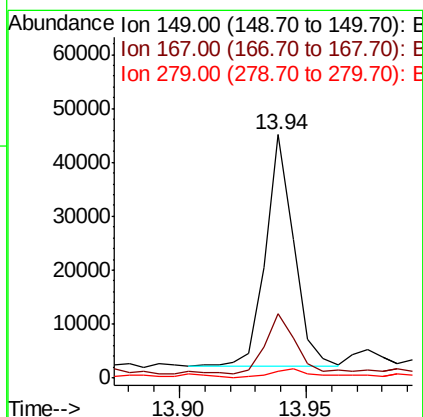
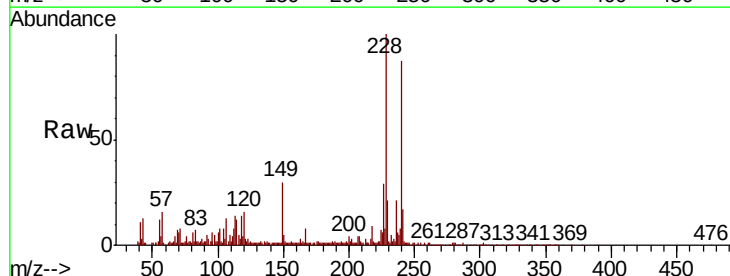
Instrument :
BNA_F
ClientSampleId :
TP-1

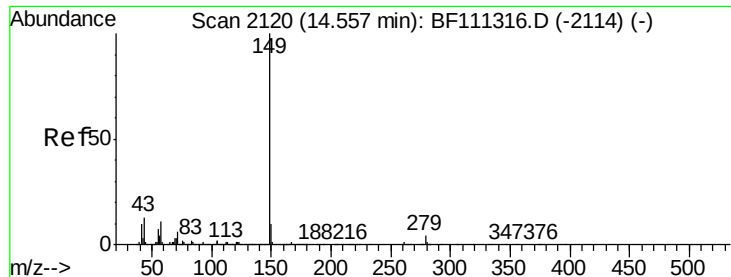
Tgt Ion:228 Resp: 166856
Ion Ratio Lower Upper
228 100
226 28.4 25.3 37.9
229 21.3 17.2 25.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 1.744 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion:149 Resp: 33650
Ion Ratio Lower Upper
149 100
167 26.7 22.5 33.7
279 2.9 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 0.030 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

ClientSampleId :

TP-1

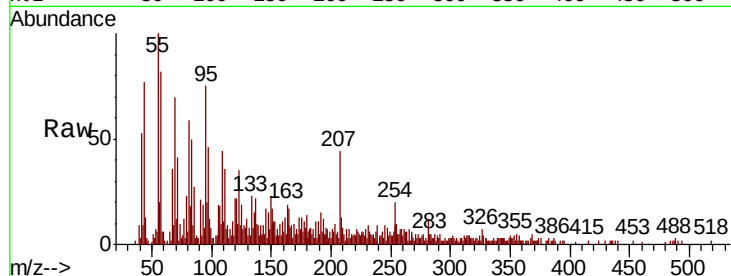
Tgt Ion:149 Resp: 939

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 10.9 16.3#

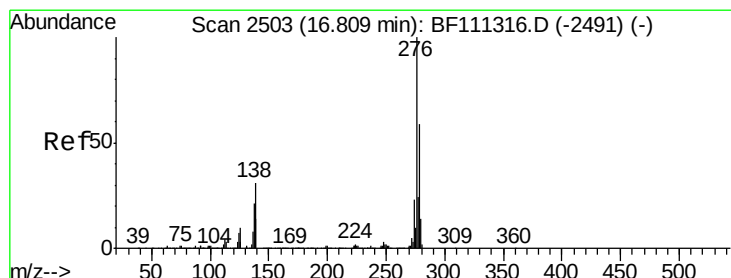
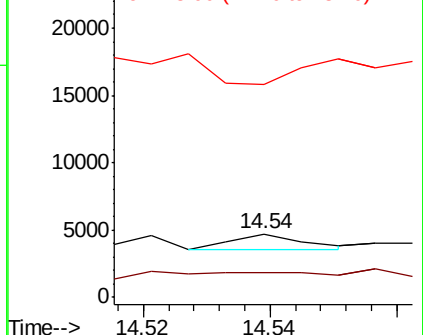
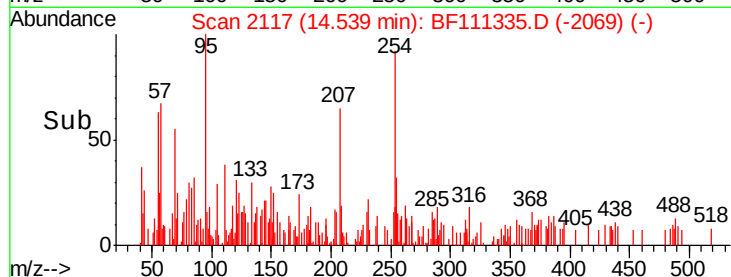


Abundance

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: 3.895 ng

RT: 16.79 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

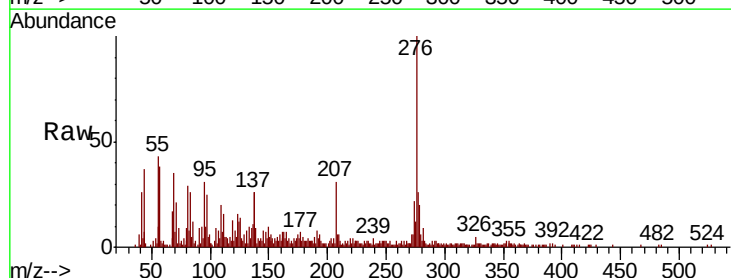
Tgt Ion:276 Resp: 74076

Ion Ratio Lower Upper

276 100

138 25.7 27.8 41.6#

277 26.1 20.1 30.1

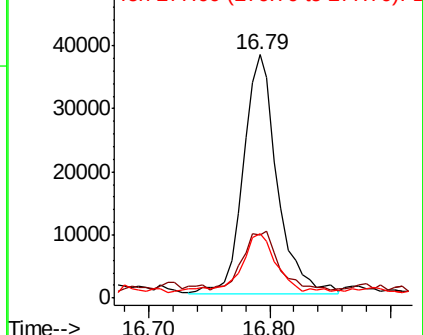
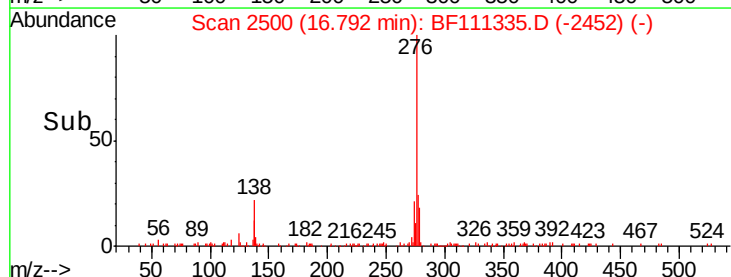


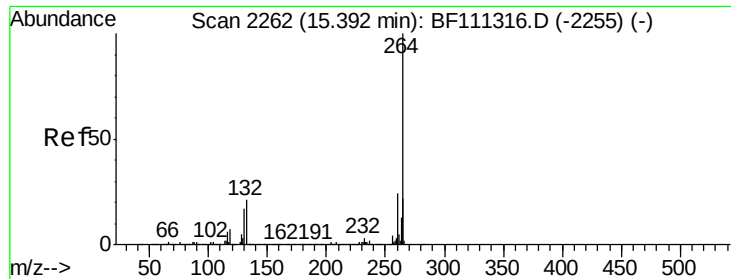
Abundance

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

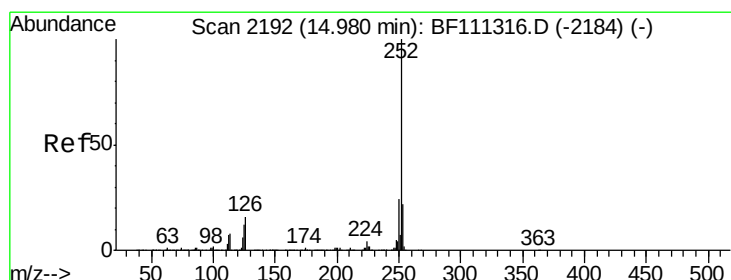
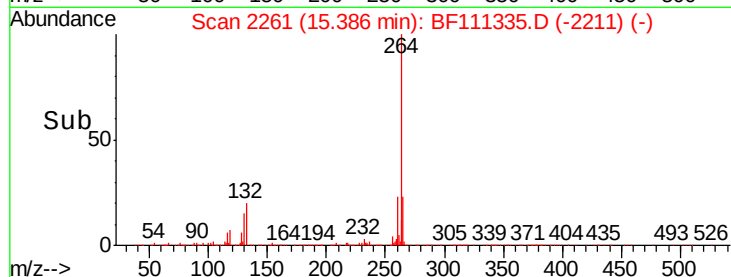
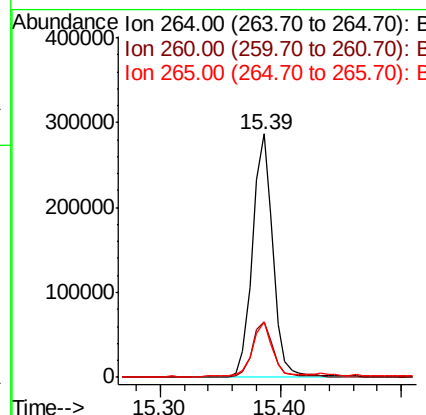
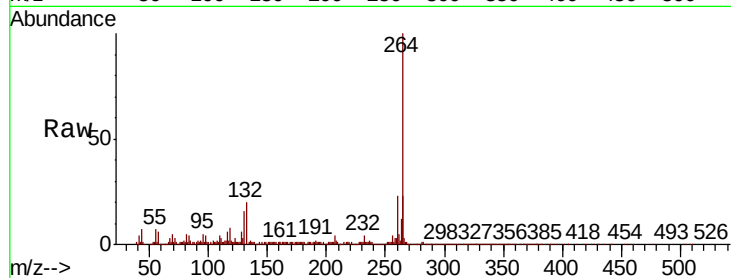




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

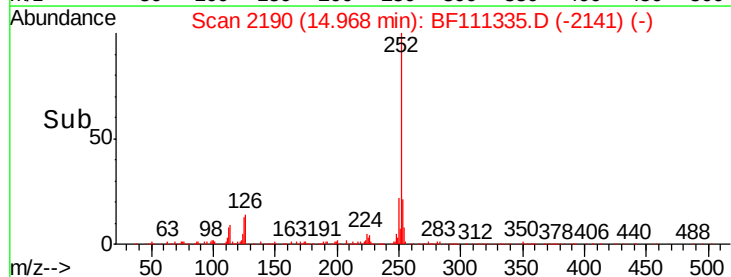
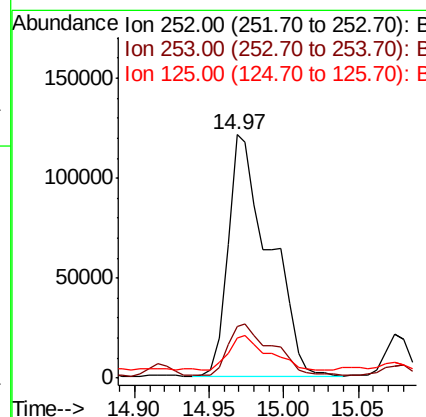
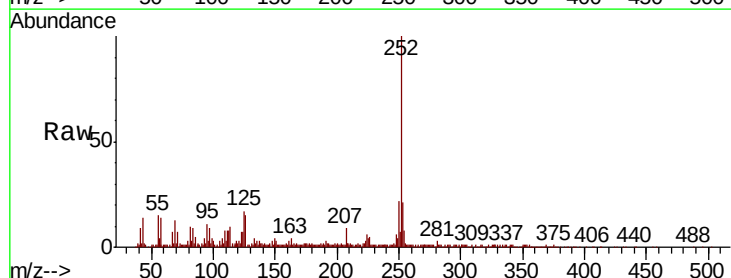
Instrument :
BNA_F
ClientSampleId :
TP-1

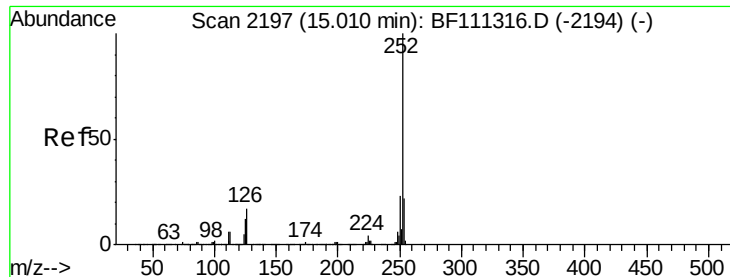
Tgt Ion:264 Resp: 336940
Ion Ratio Lower Upper
264 100
260 22.9 18.3 27.5
265 22.7 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 12.192 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion:252 Resp: 233592
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.2
125 16.6 10.4 15.6#

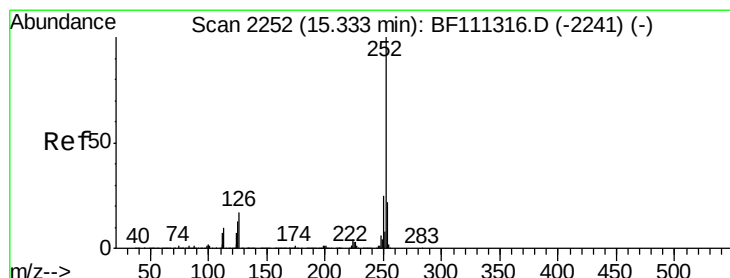
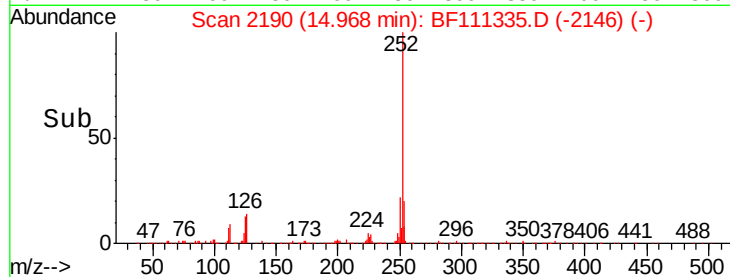
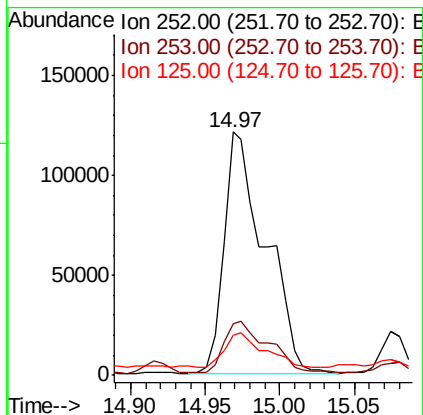
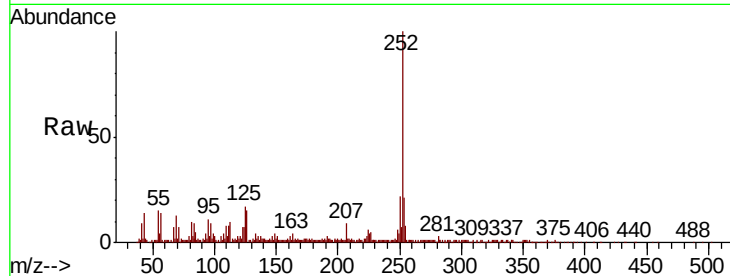




#89
Benzo(k)fluoranthene
Concen: 12.214 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

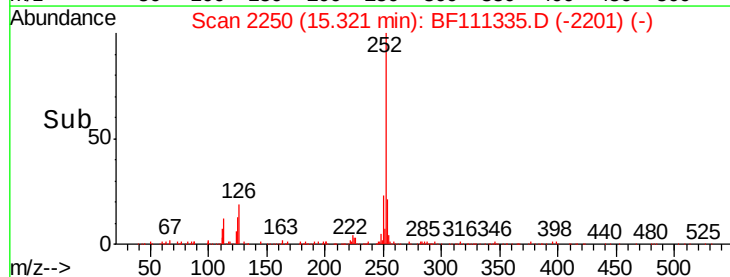
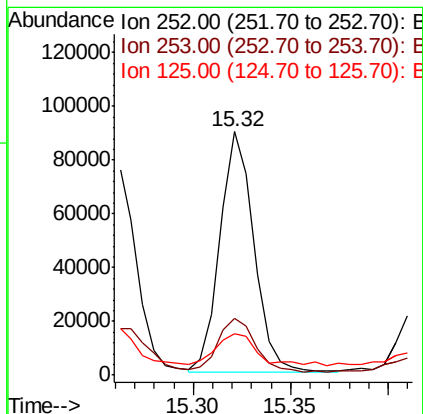
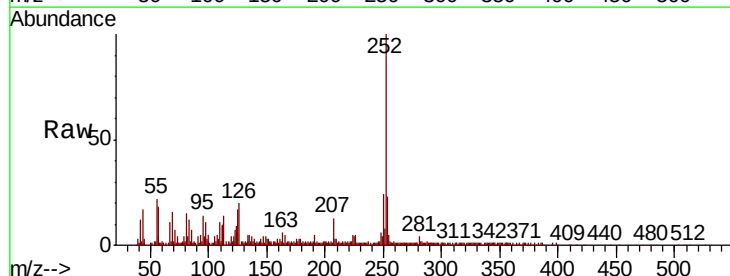
Instrument :
BNA_F
ClientSampleId :
TP-1

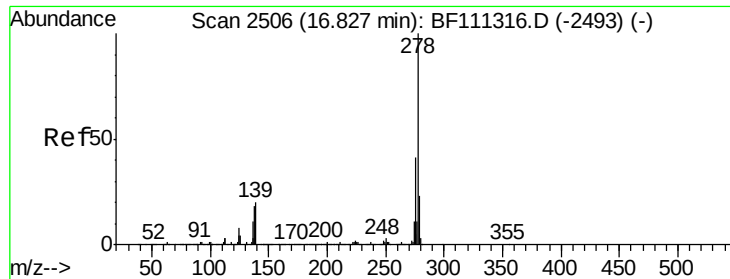
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	16.6	9.8	14.8#



#90
Benzo(a)pyrene
Concen: 6.109 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111335.D
Acq: 12 Dec 2018 21:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	17.2	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 1.151 ng

RT: 16.81 min Scan# 2503

Delta R.T. -0.02 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

Instrument :

BNA_F

ClientSampleId :

TP-1

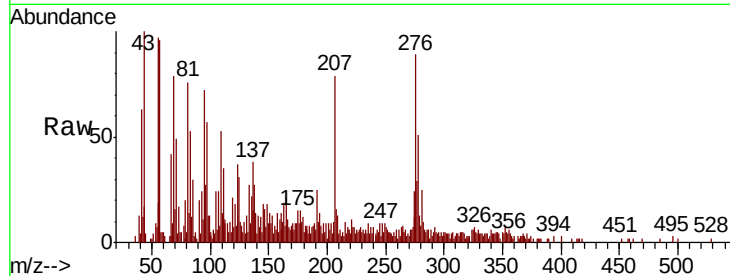
Tgt Ion:278 Resp: 17088

Ion Ratio Lower Upper

278 100

139 28.1 18.2 27.4#

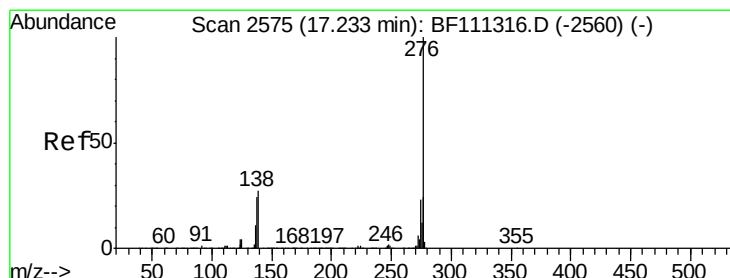
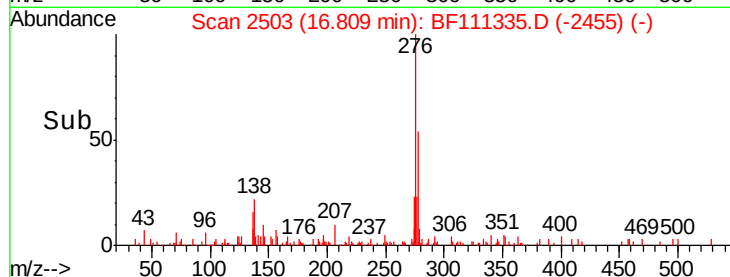
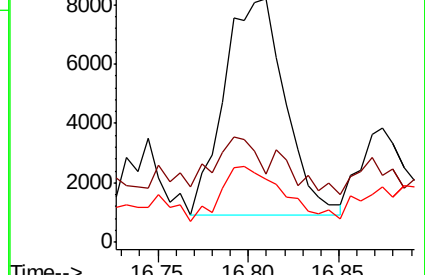
279 26.0 19.0 28.6



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: 4.487 ng

RT: 17.22 min Scan# 2572

Delta R.T. -0.02 min

Lab File: BF111335.D

Acq: 12 Dec 2018 21:33

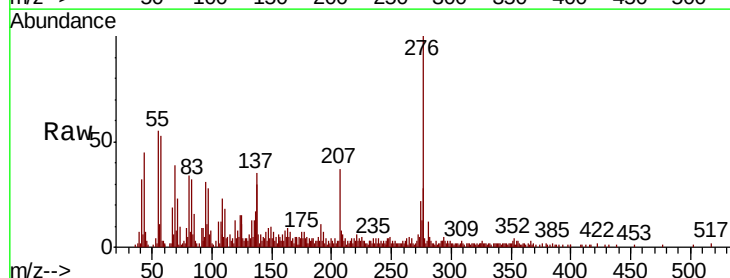
Tgt Ion:276 Resp: 66579

Ion Ratio Lower Upper

276 100

277 27.7 19.2 28.8

138 30.2 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

