

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111324.D
 Acq On : 12 Dec 2018 16:31
 Operator : JU/SJ
 Sample : J6186-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-9

Quant Time: Dec 13 01:17:30 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	287177	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1203215	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	606455	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	1067298	20.00	ng	0.00
76) Chrysene-d12	13.94	240	607751	20.00	ng	-0.01
87) Perylene-d12	15.39	264	518533	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	2040868	120.18	ng	0.00
7) Phenol-d6	6.43	99	2627861	114.77	ng	0.00
23) Nitrobenzene-d5	7.35	82	1662299	77.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	497202	93.00	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2460339	65.13	ng	0.00
79) Terphenyl-d14	12.90	244	2073633	75.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	557	0.066	ng	# 1
3) Pyridine	3.41	79	4568	0.219	ng	# 77
4) n-Nitrosodimethylamine	3.20	42	1013	0.104	ng	# 1
6) Aniline	6.45	93	21291	0.769	ng	# 55
8) 2-Chlorophenol	6.57	128	832	0.040	ng	# 1
9) Benzaldehyde	6.43	77	5503	Below Cal		# 1
10) Phenol	6.44	94	184773	7.124	ng	# 89
11) bis(2-Chloroethyl)ether	6.56	93	3245	0.159	ng	# 1
12) 1,3-Dichlorobenzene	6.95	146	292	0.013	ng	# 1
13) 1,4-Dichlorobenzene	6.95	146	292	0.013	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	292	0.014	ng	# 1
15) Benzyl Alcohol	6.95	79	25429	1.450	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.10	45	872	0.022	ng	# 72
17) 2-Methylphenol	6.94	107	557	0.033	ng	# 1
19) n-Nitroso-di-n-propylamine	7.35	70	221354	14.548	ng	# 80
20) 3+4-Methylphenols	7.19	107	178	0.009	ng	# 12
22) Acetophenone	7.19	105	955	0.034	ng	# 67
24) Nitrobenzene	7.35	77	4672	0.212	ng	# 37
25) Isophorone	7.35	82	1630369	44.961	ng	# 64
28) bis(2-Chloroethoxy)methane	8.02	93	128	0.005	ng	# 48
31) Naphthalene	8.09	128	1866	0.033	ng	# 69
32) Benzoic acid	8.07	122	148	0.011	ng	# 1
33) 4-Chloroaniline	8.14	127	8657	0.362	ng	# 92
36) 4-Chloro-3-methylphenol	8.64	107	113	0.006	ng	# 20
38) 1-Methylnaphthalene	9.15	142	1364	0.039	ng	# 42
46) 1,1'-Biphenyl	9.25	154	5855	0.113	ng	# 96
47) 2-Chloronaphthalene	9.54	162	2454	0.062	ng	# 1
48) 2-Nitroaniline	9.54	65	3384	0.263	ng	# 1
49) Acenaphthylene	9.68	152	247	0.004	ng	# 57
50) Dimethylphthalate	9.54	163	337128	7.730	ng	# 98
51) 2,6-Dinitrotoluene	9.54	165	3516	0.364	ng	# 18
52) Acenaphthene	9.86	154	208	0.006	ng	# 51
55) Dibenzofuran	10.03	168	461	0.009	ng	# 42
57) 2,4-Dinitrotoluene	9.83	165	77601	6.264	ng	# 25

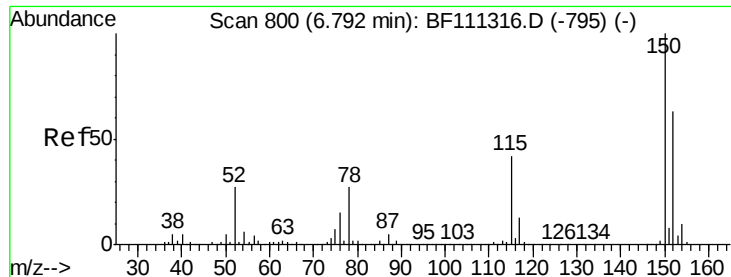
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111324.D
 Acq On : 12 Dec 2018 16:31
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	10.61	166	27050	0.717	ng	# 92
60) Diethylphthalate	10.23	149	32644	0.744	ng	94
63) Azobenzene	10.54	77	1090	0.025	ng	# 36
65) 4,6-Dinitro-2-methylphenol	10.62	198	966	0.158	ng	# 1
66) n-Nitrosodiphenylamine	10.62	169	17563	0.463	ng	# 45
67) 4-Bromophenyl-phenylether	10.62	248	32266	2.716	ng	# 1
71) Phenanthrene	11.33	178	6817	0.124	ng	# 91
72) Anthracene	11.38	178	1920	0.034	ng	# 94
73) Carbazole	11.53	167	1356	0.023	ng	# 88
74) Di-n-butylphthalate	11.87	149	25291	0.382	ng	100
75) Fluoranthene	12.52	202	10720	0.199	ng	93
77) Benzidine	12.90	184	24549	2.140	ng	98
78) Pyrene	12.74	202	8471	0.181	ng	96
80) Butylbenzylphthalate	13.37	149	978	0.043	ng	# 68
81) Benzo(a)anthracene	13.93	228	4105	0.121	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	878	0.068	ng	# 68
83) Chrysene	13.93	228	4105	0.118	ng	94
84) Bis(2-ethylhexyl)phthalate	13.94	149	7832	0.284	ng	# 93
85) Di-n-octyl phthalate	14.54	149	350	0.008	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.79	276	2585	0.095	ng	# 63
88) Benzo(b)fluoranthene	14.97	252	4068	0.138	ng	# 78
89) Benzo(k)fluoranthene	14.97	252	4068	0.138	ng	# 77
90) Benzo(a)pyrene	15.33	252	2810	0.102	ng	# 17
91) Dibenzo(a,h)anthracene	16.80	278	131	0.006	ng	# 52
92) Benzo(g,h,i)perylene	17.22	276	2797	0.122	ng	# 87

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

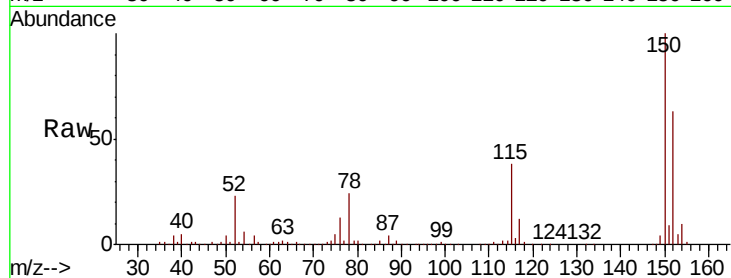


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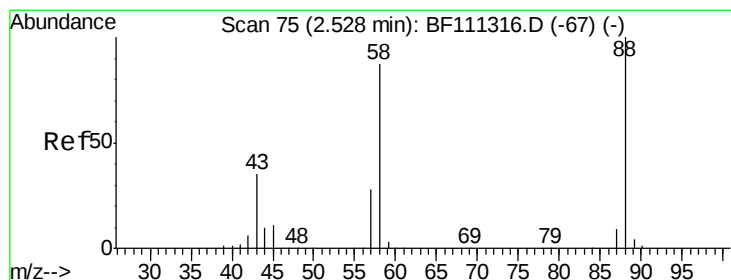
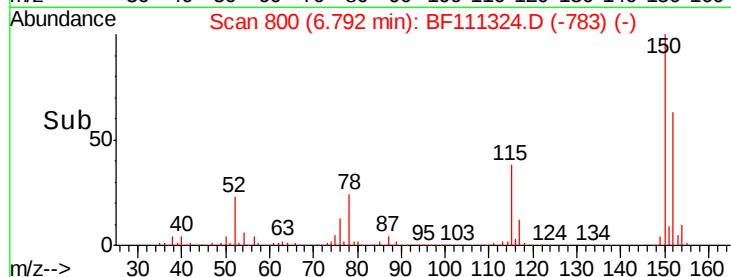
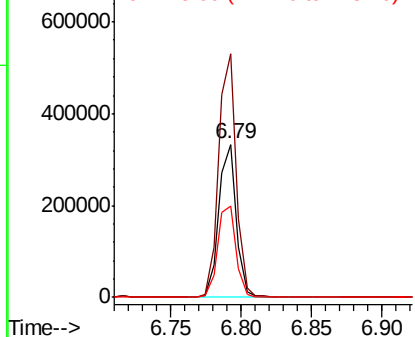
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Instrument :
BNA_F
ClientSampleId :
DW-9

Tgt Ion: 152 Resp: 287177
Ion Ratio Lower Upper
152 100
150 159.2 126.6 189.8
115 59.8 50.7 76.1



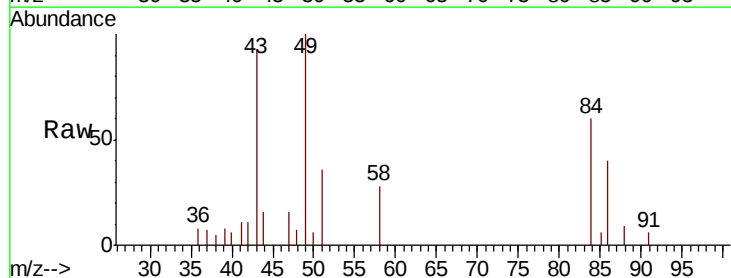
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



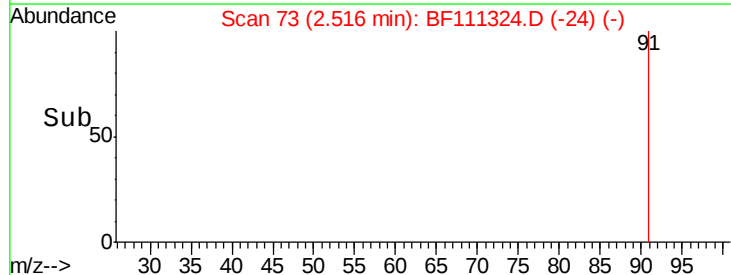
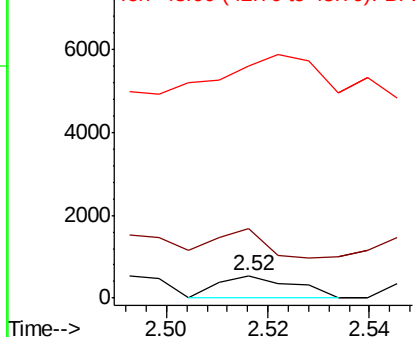
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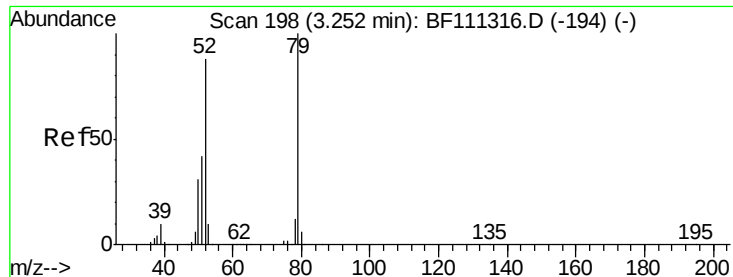
1,4-Dioxane
Concen: 0.066 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion: 88 Resp: 557
Ion Ratio Lower Upper
88 100
58 0.0 68.9 103.3#
43 409.2 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: 0.219 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.16 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampled :

DW-9

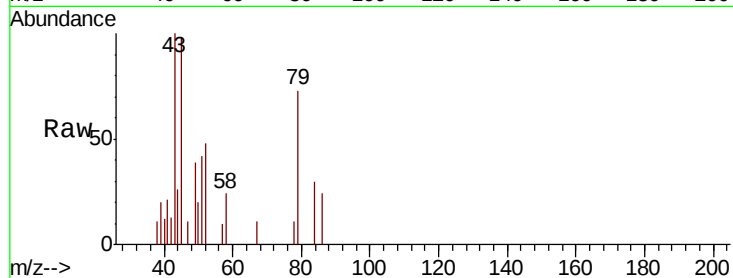
Tgt Ion: 79 Resp: 4568

Ion Ratio Lower Upper

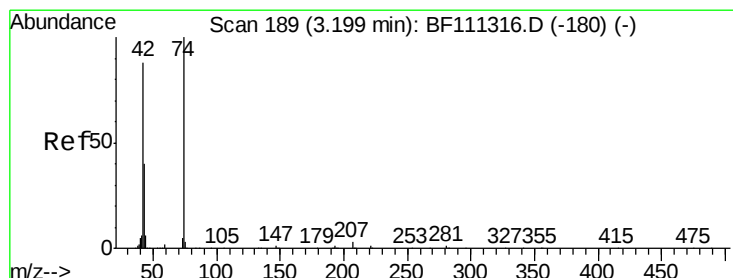
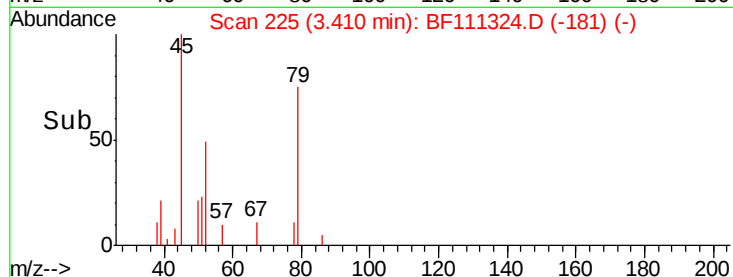
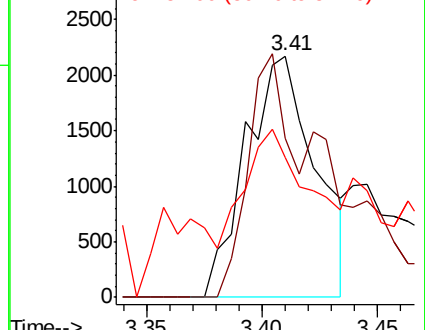
79 100

52 66.0 68.3 102.5#

51 57.8 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: 0.104 ng

RT: 3.20 min Scan# 189

Delta R.T. -0.00 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

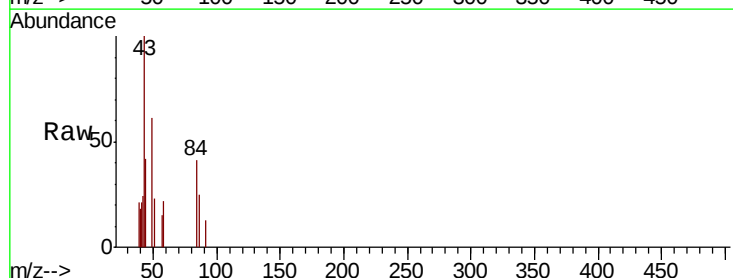
Tgt Ion: 42 Resp: 1013

Ion Ratio Lower Upper

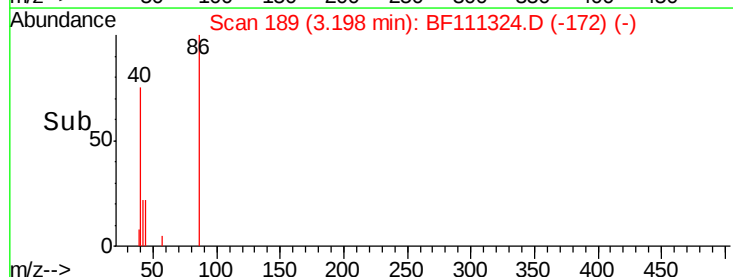
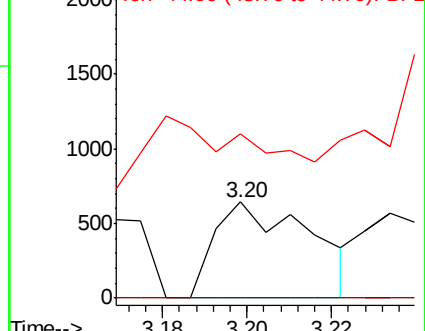
42 100

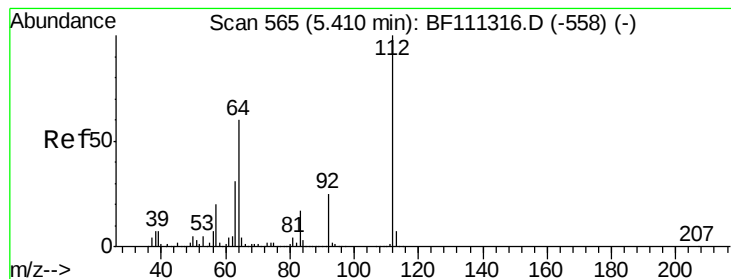
74 0.0 101.5 152.3#

44 170.9 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: 120.176 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampled :

DW-9

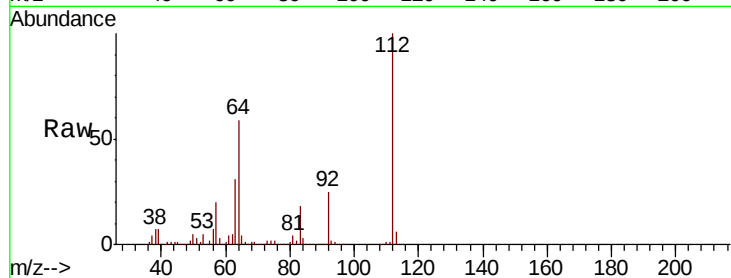
Tgt Ion: 112 Resp: 2040868

Ion Ratio Lower Upper

112 100

64 58.8 51.8 77.6

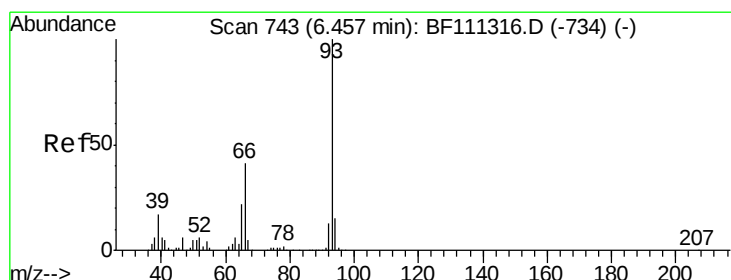
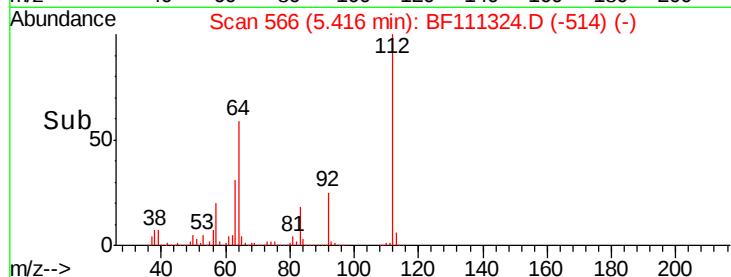
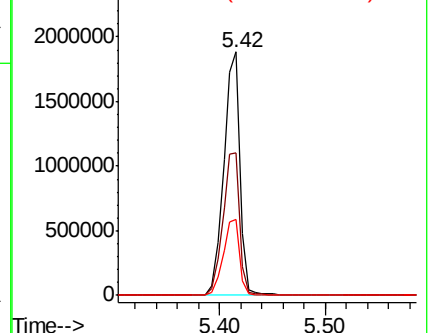
63 31.3 26.8 40.2



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: 0.769 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

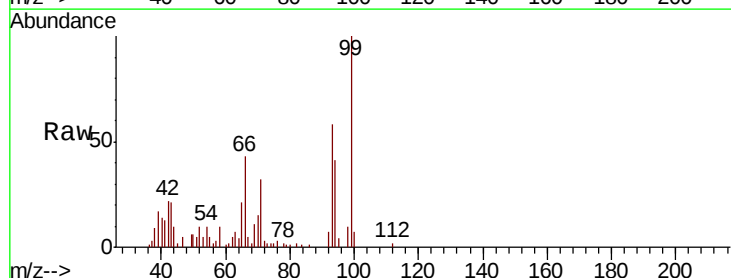
Tgt Ion: 93 Resp: 21291

Ion Ratio Lower Upper

93 100

66 73.3 33.2 49.8#

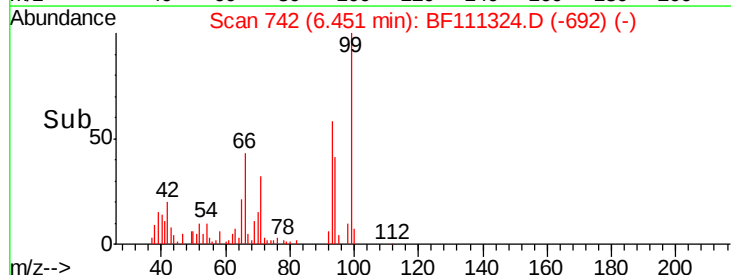
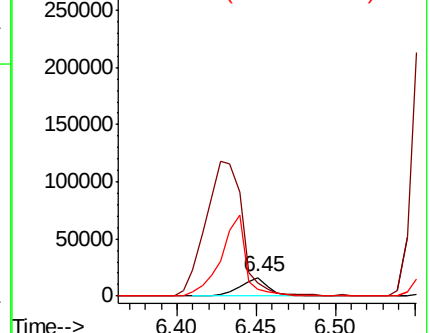
65 36.9 17.0 25.4#

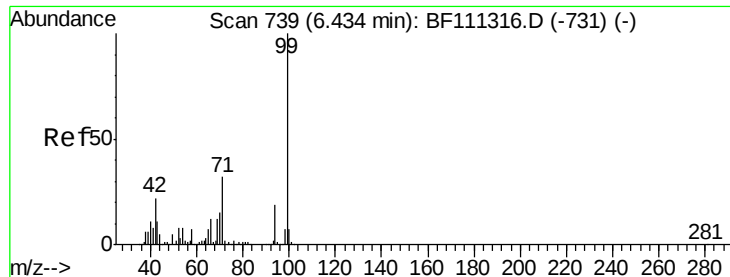


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.770 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampleId :

DW-9

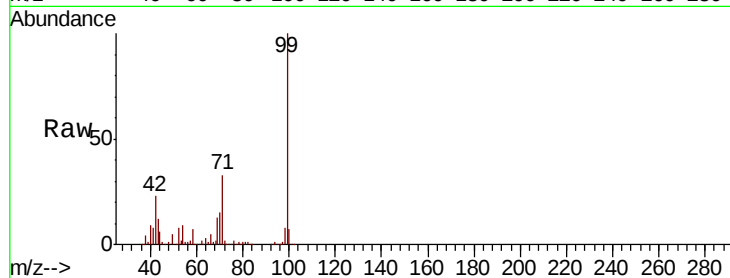
Tgt Ion: 99 Resp: 2627861

Ion Ratio Lower Upper

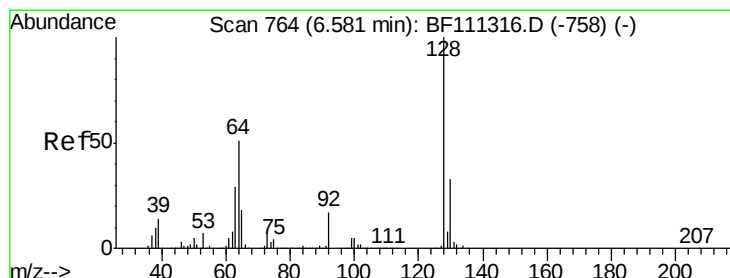
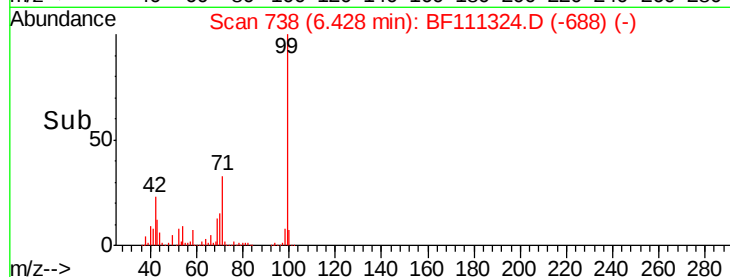
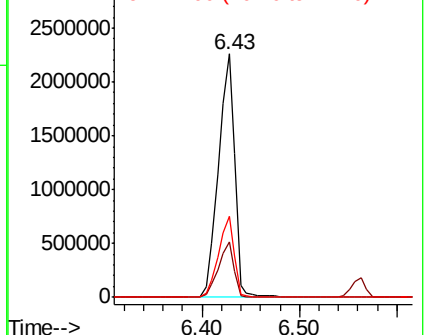
99 100

42 23.0 17.4 26.0

71 33.4 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: 0.040 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

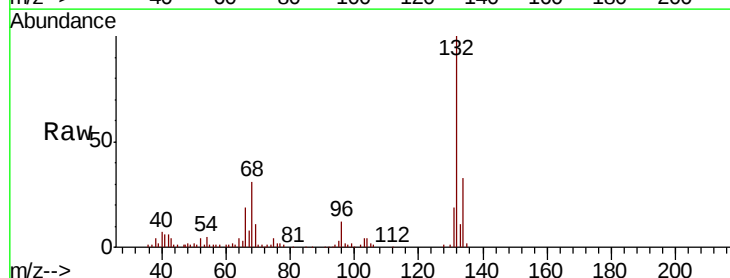
Tgt Ion: 128 Resp: 832

Ion Ratio Lower Upper

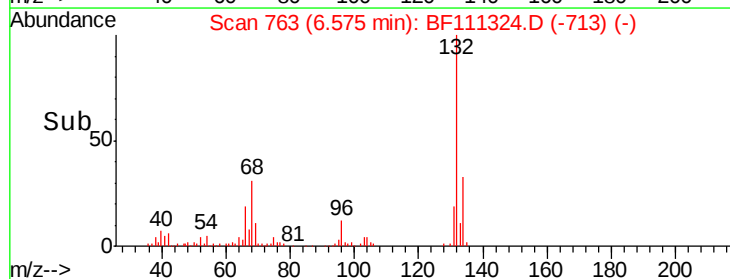
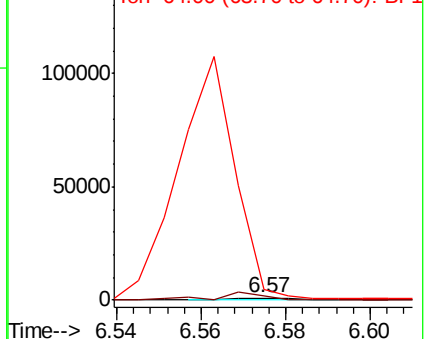
128 100

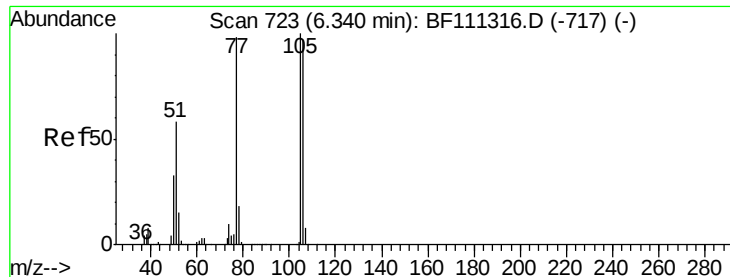
130 176.7 12.7 52.7#

64 520.3 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# 739

Delta R.T. 0.09 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

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DW-9

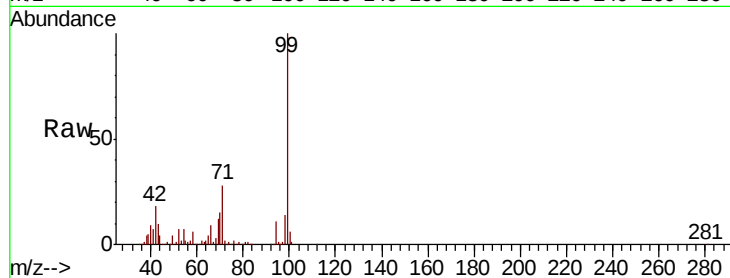
Tgt Ion: 77 Resp: 5503

Ion Ratio Lower Upper

77 100

105 0.0 81.4 121.4#

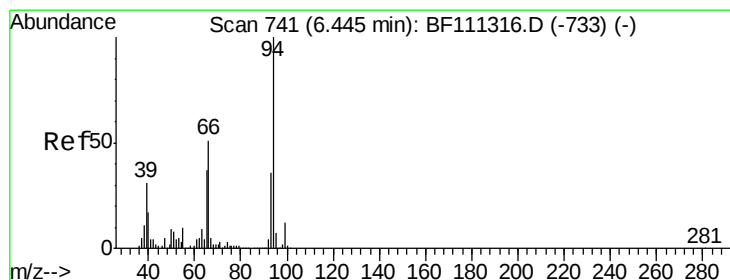
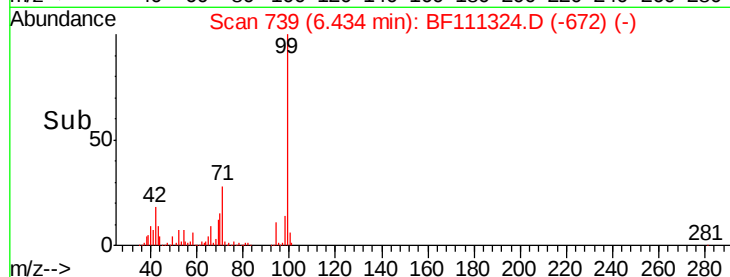
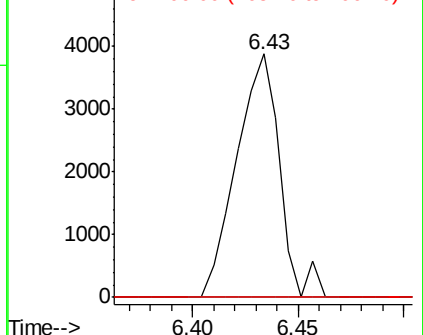
106 0.0 77.9 117.9#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 7.124 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

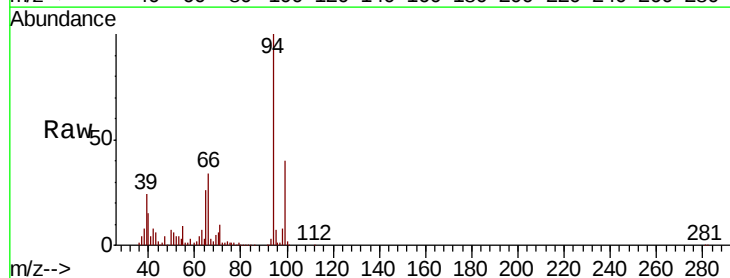
Tgt Ion: 94 Resp: 184773

Ion Ratio Lower Upper

94 100

65 26.2 11.7 51.7

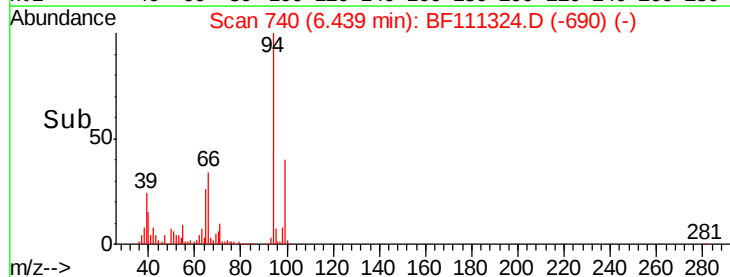
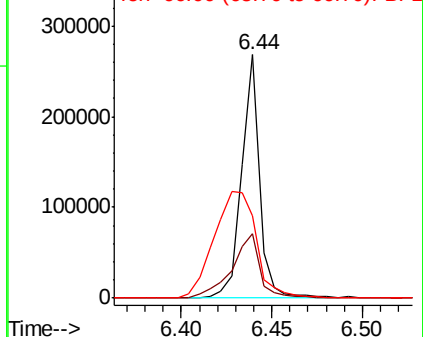
66 34.0 21.0 61.0

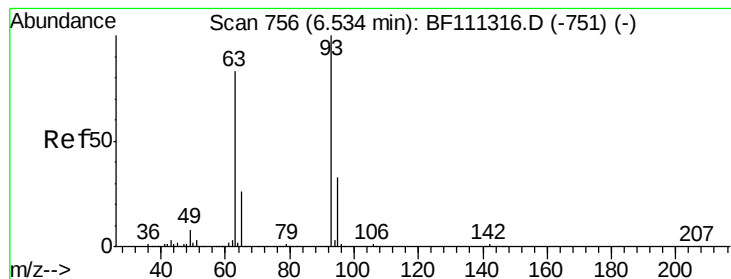


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

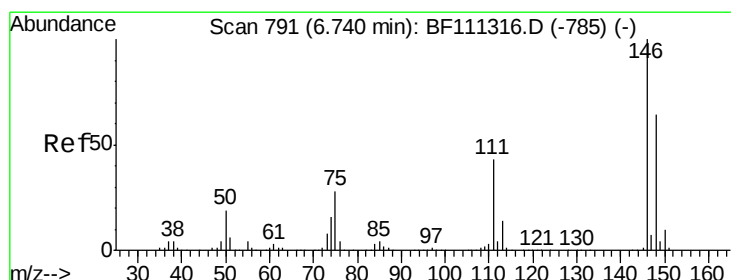
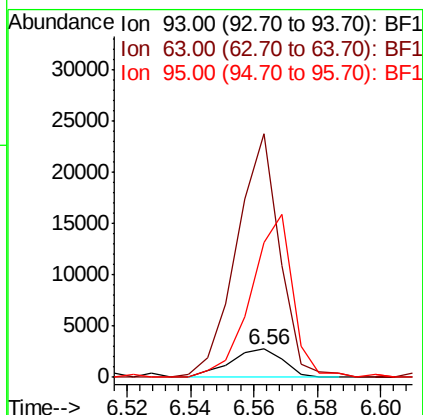
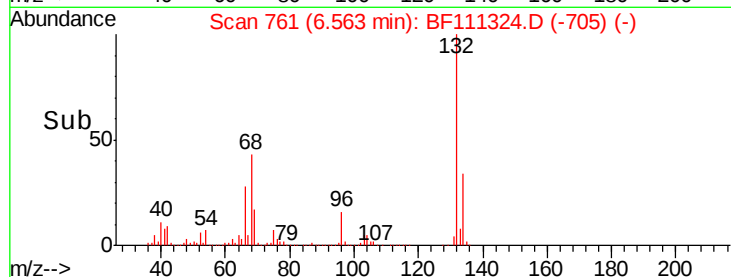
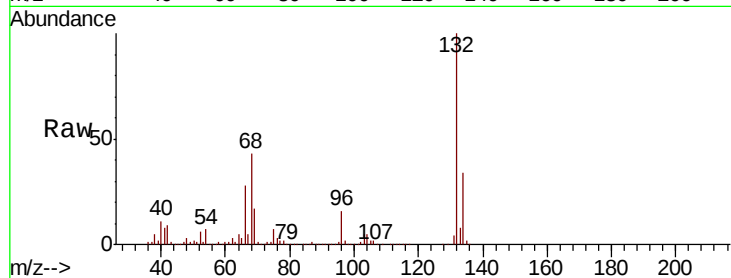




#11
bis(2-Chloroethyl)ether
Concen: 0.159 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.03 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

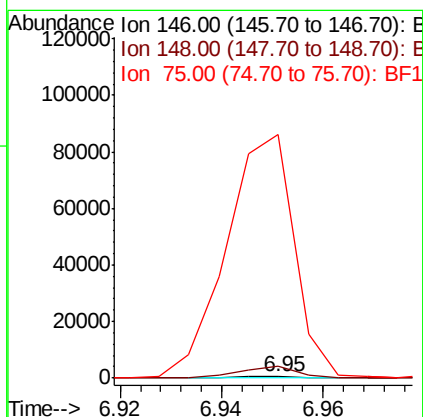
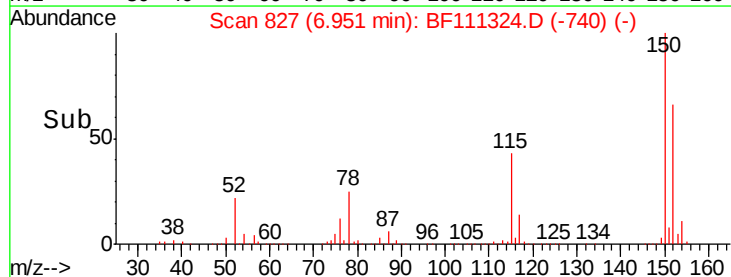
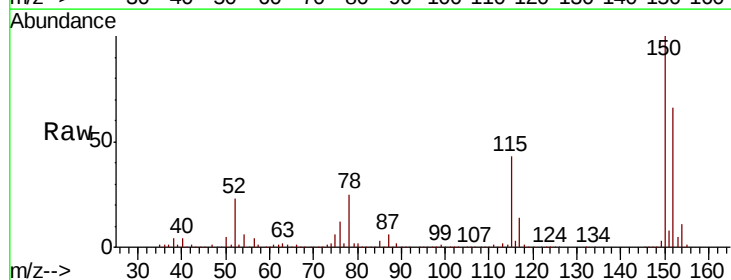
Instrument :
BNA_F
ClientSampleId :
DW-9

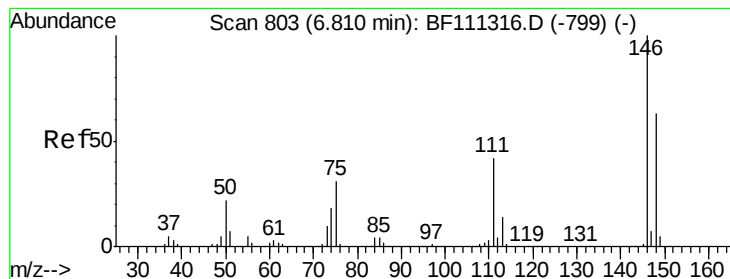
Tgt Ion: 93 Resp: 3245
Ion Ratio Lower Upper
93 100
63 866.9 60.0 100.0#
95 478.2 13.4 53.4#



#12
1,3-Dichlorobenzene
Concen: 0.013 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.21 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion: 146 Resp: 292
Ion Ratio Lower Upper
146 100
148 928.6 52.1 78.1#
75 19892.8 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: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampleId :

DW-9

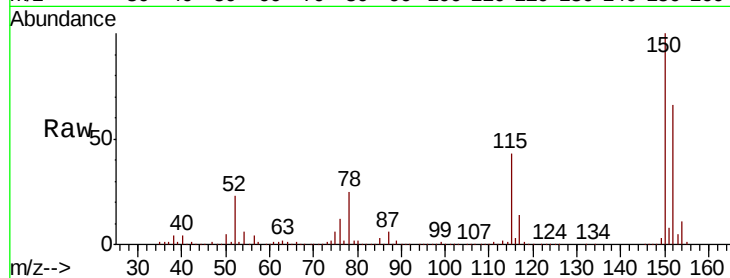
Tgt Ion:146 Resp: 292

Ion Ratio Lower Upper

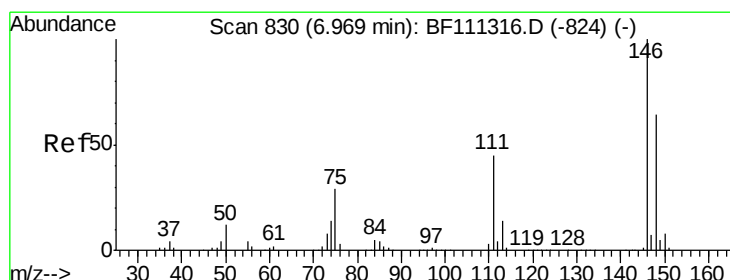
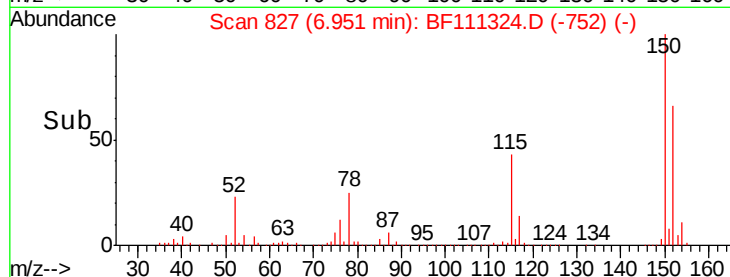
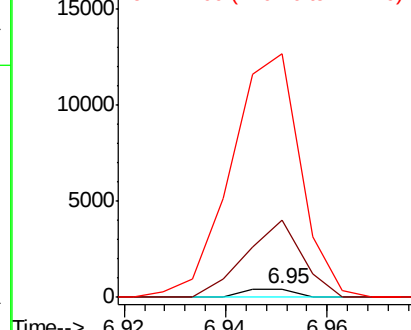
146 100

148 928.6 52.8 79.2#

111 2924.7 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: BF111324.D

Acq: 12 Dec 2018 16:31

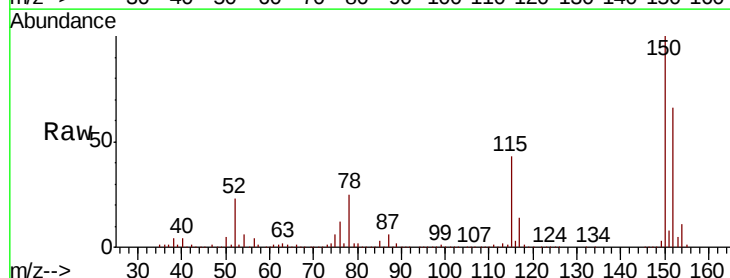
Tgt Ion:146 Resp: 292

Ion Ratio Lower Upper

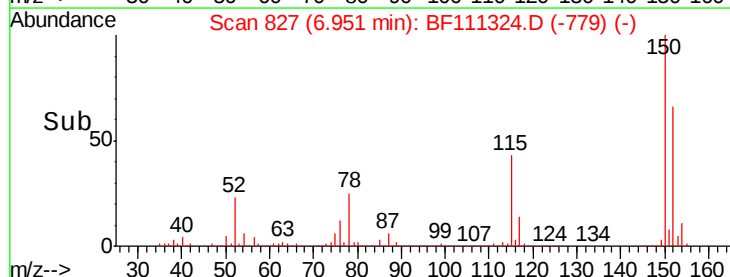
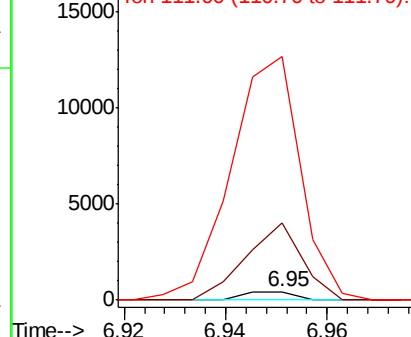
146 100

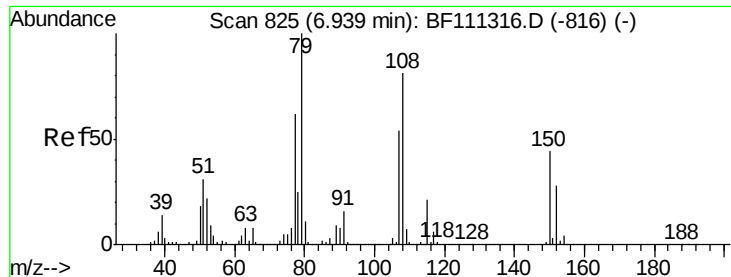
148 928.6 51.9 77.9#

111 2924.7 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: 1.450 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampleId :

DW-9

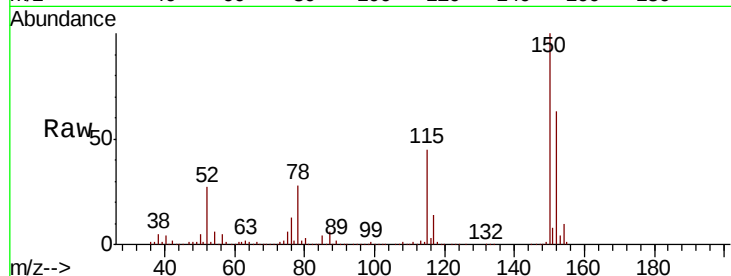
Tgt Ion: 79 Resp: 25429

Ion Ratio Lower Upper

79 100

108 26.1 69.4 104.2#

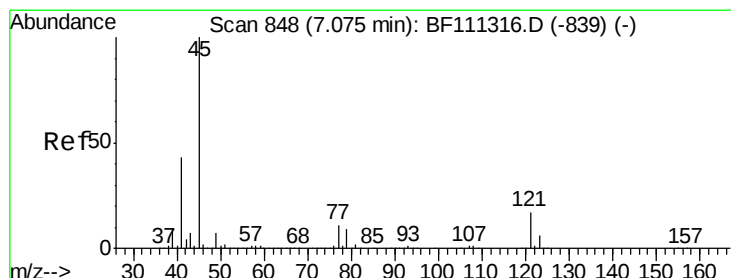
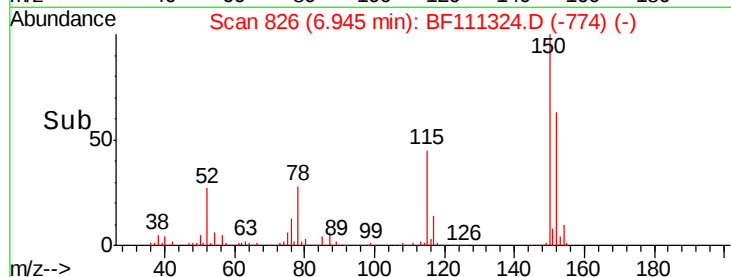
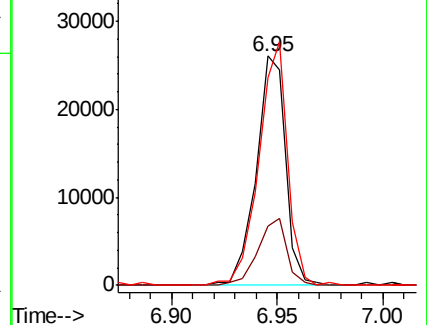
77 90.5 49.7 74.5#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.022 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.02 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

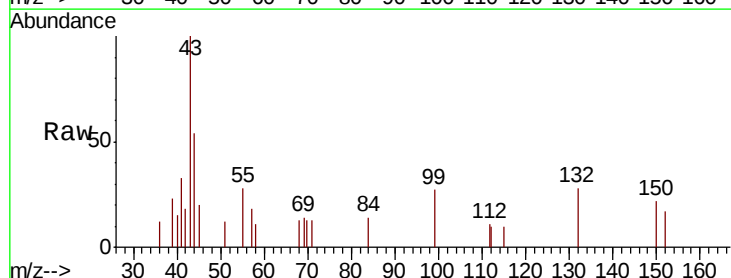
Tgt Ion: 45 Resp: 872

Ion Ratio Lower Upper

45 100

77 0.0 0.0 31.5

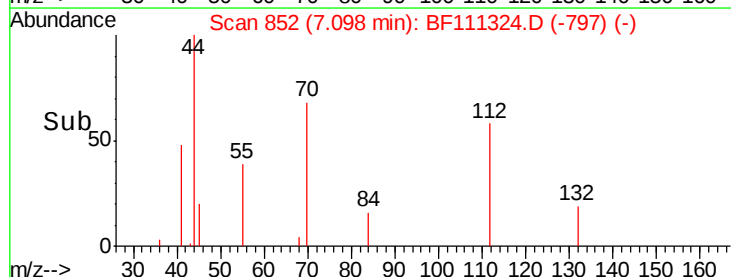
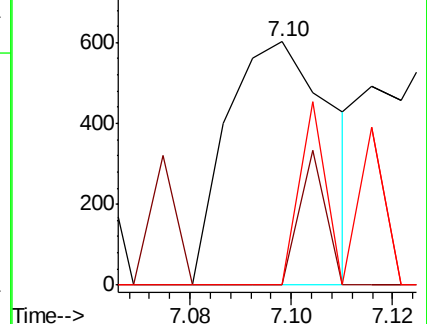
79 0.0 0.0 28.9

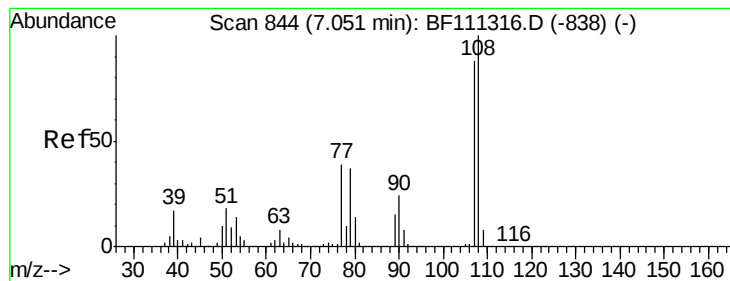


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 0.033 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.11 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampleId :

DW-9

Tgt Ion: 107 Resp: 557

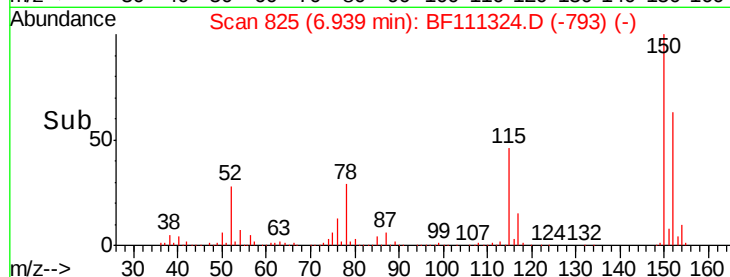
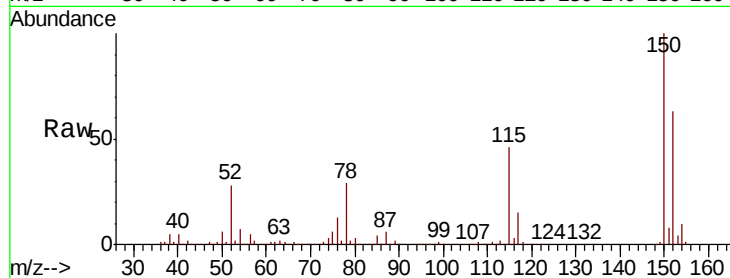
Ion Ratio Lower Upper

107 100

108 681.8 91.0 136.4#

77 2213.7 33.5 50.3#

79 2455.2 33.3 49.9#



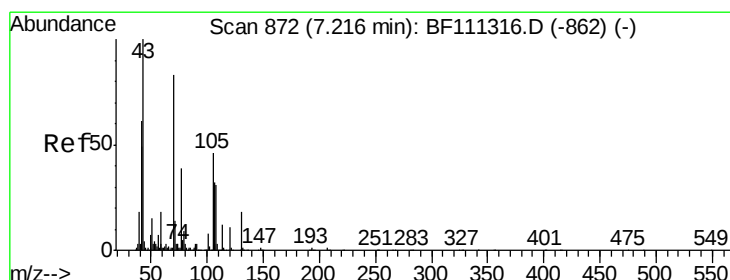
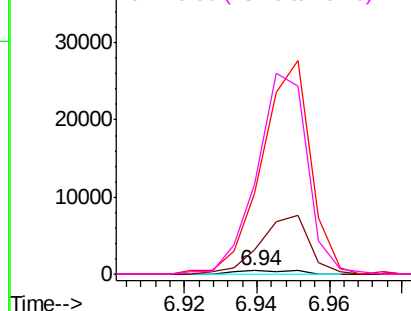
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.548 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Tgt Ion: 70 Resp: 221354

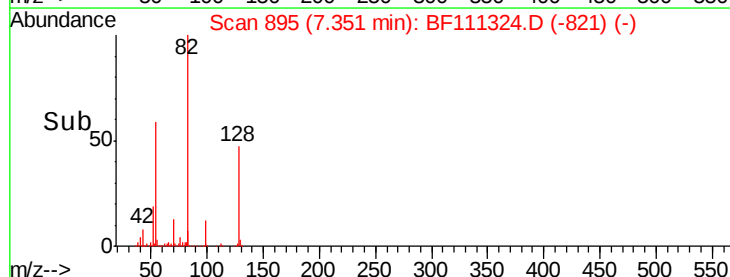
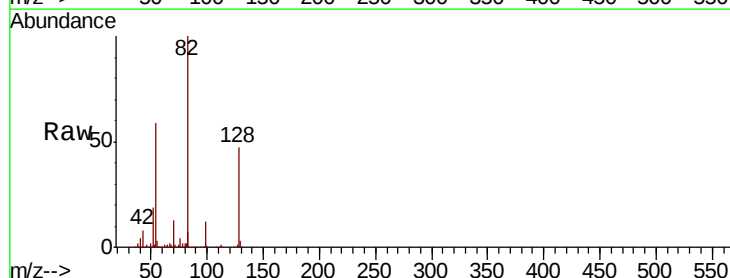
Ion Ratio Lower Upper

70 100

42 57.3 53.2 79.8

101 0.0 8.2 12.4#

130 2.1 18.1 27.1#



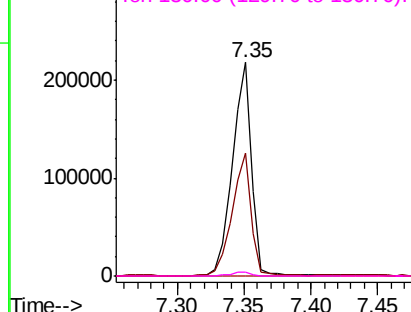
Abundance

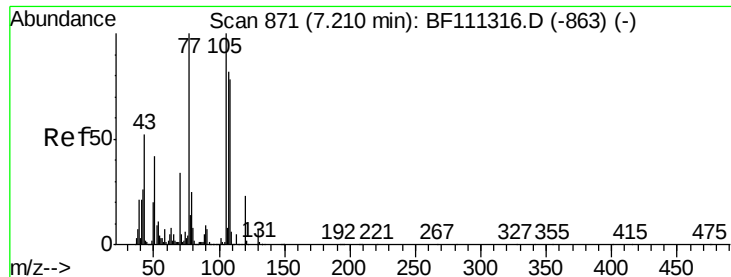
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

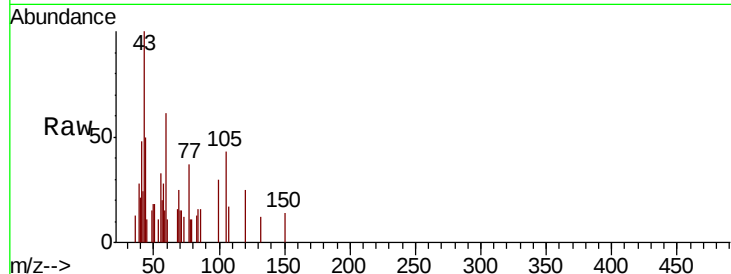




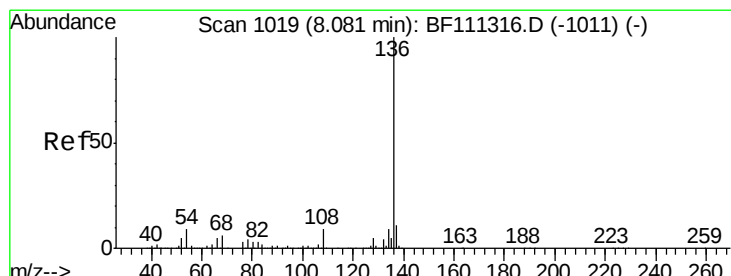
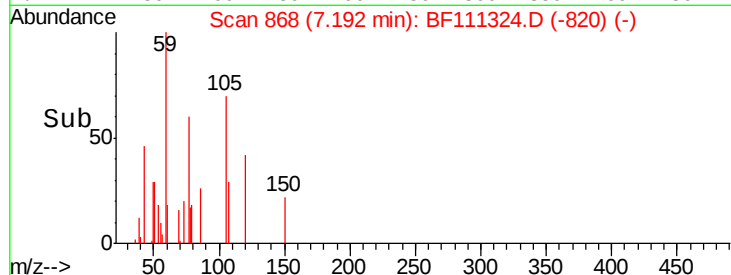
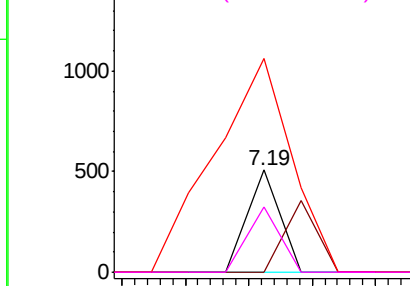
#20
3+4-Methylphenols
Concen: 0.009 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Instrument :
BNA_F
ClientSampleId :
DW-9

Tgt Ion:107 Resp: 178
Ion Ratio Lower Upper
107 100
108 0.0 72.1 112.1#
77 209.9 94.1 134.1#
79 63.6 9.8 49.8#

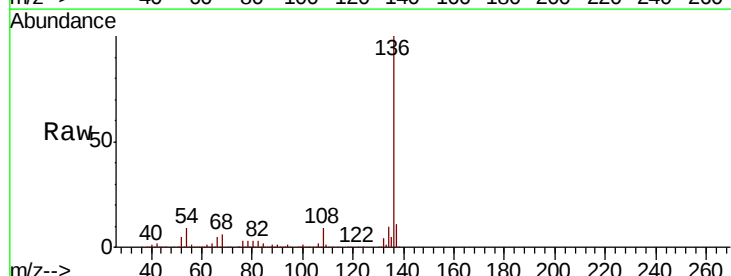


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

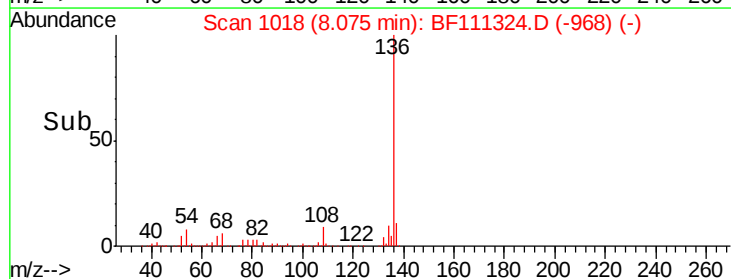
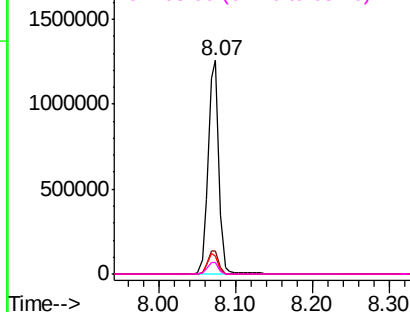


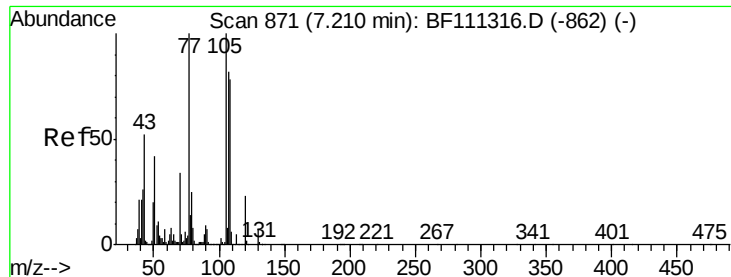
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion:136 Resp: 1203215
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 8.5 7.7 11.5
68 5.7 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 0.034 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

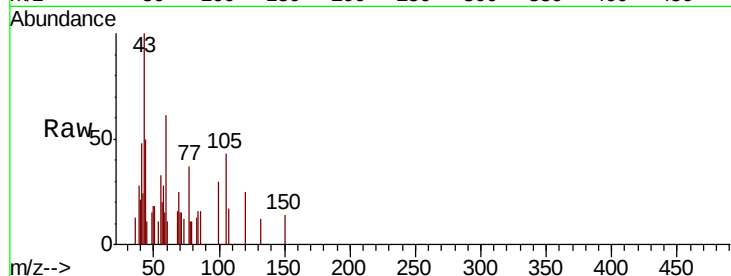
Instrument :

BNA_F

ClientSampleId :

DW-9

Tgt Ion:	105	Resp:	955
Ion	Ratio	Lower	Upper
105	100		
71	35.9	3.1	4.7#
51	41.0	36.6	54.8
120	59.3	18.2	27.4#

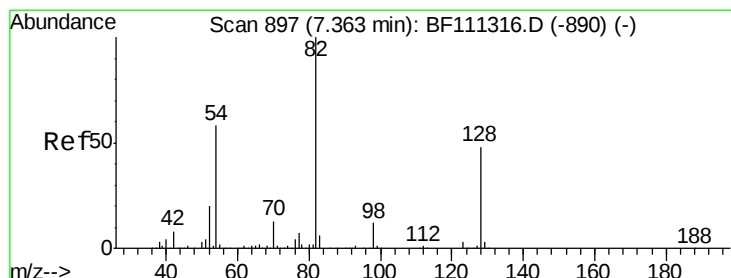
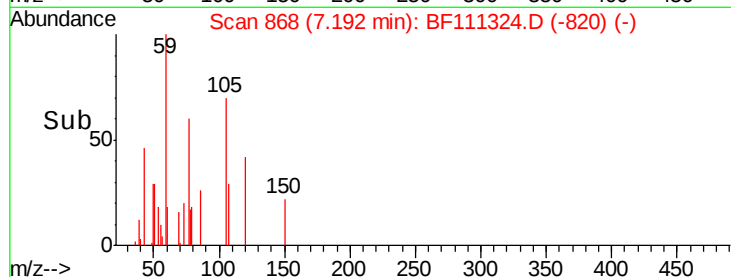
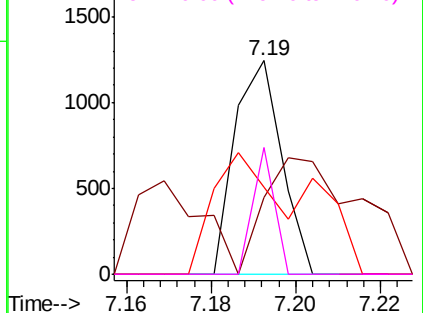


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 77.869 ng

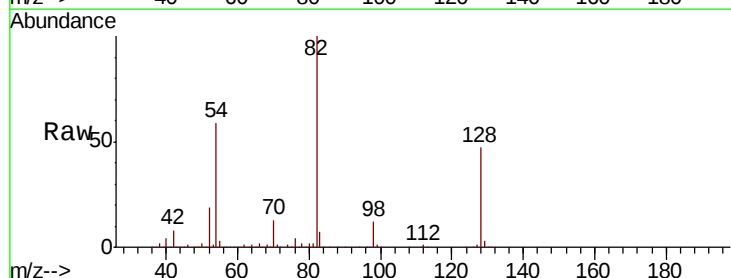
RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

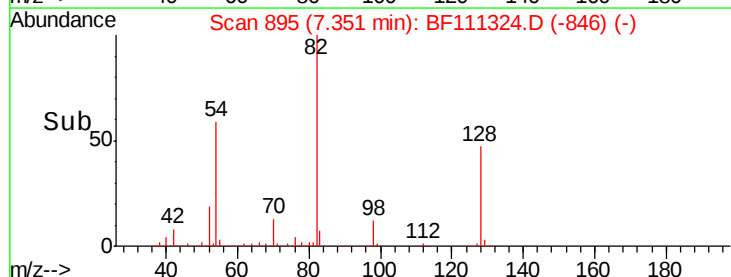
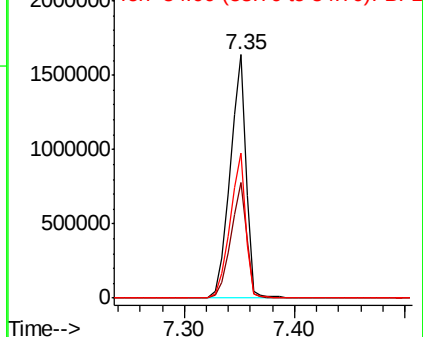
Tgt Ion:	82	Resp:	1662299
Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.4	56.2
54	59.5	47.6	71.4

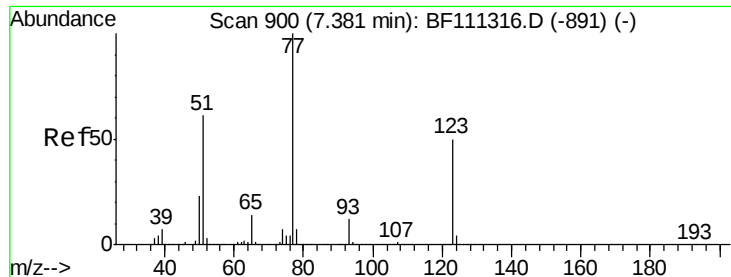


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.212 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.03 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampleId :

DW-9

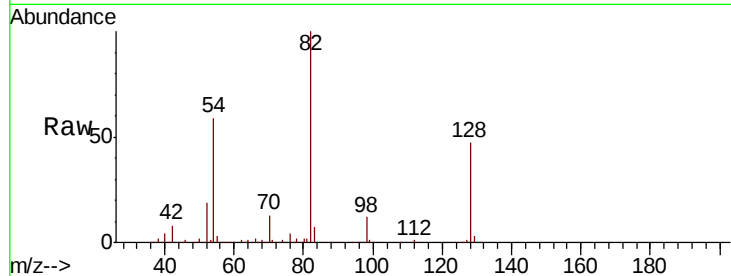
Tgt Ion: 77 Resp: 4672

Ion Ratio Lower Upper

77 100

123 0.0 37.2 55.8#

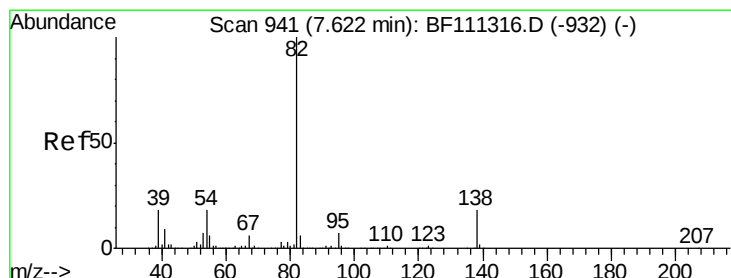
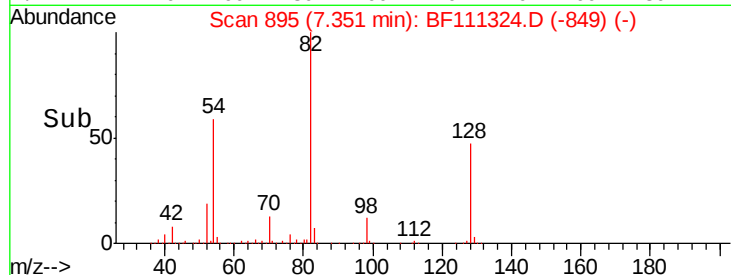
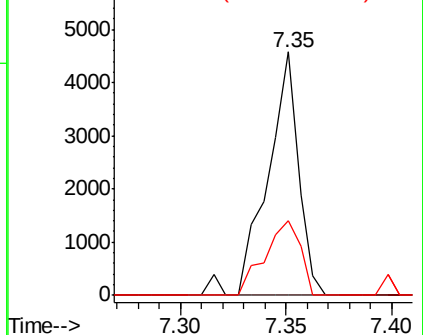
65 30.8 11.5 17.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 44.961 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.27 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

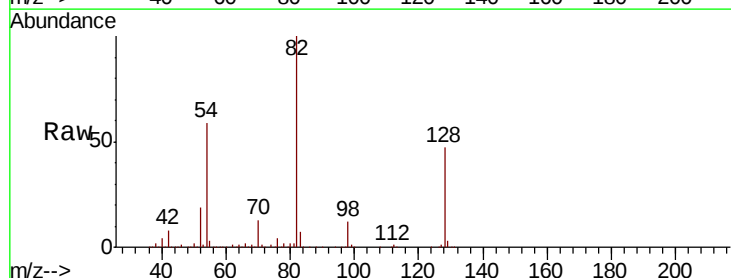
Tgt Ion: 82 Resp: 1630369

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

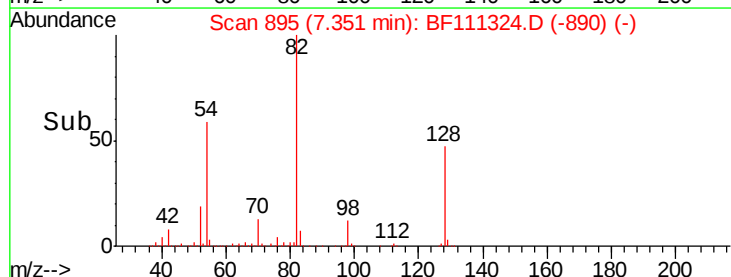
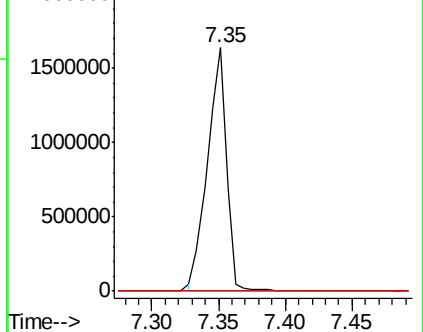
138 0.0 15.1 22.7#

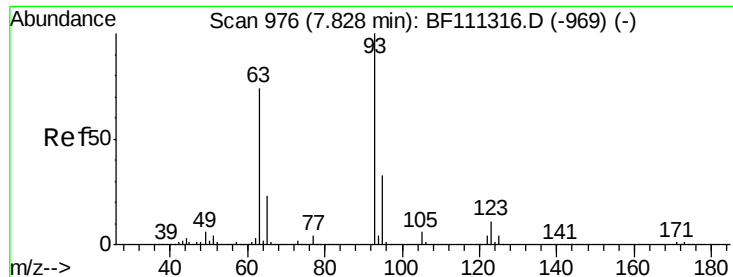


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

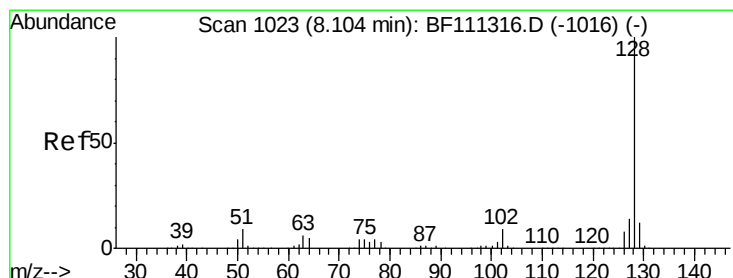
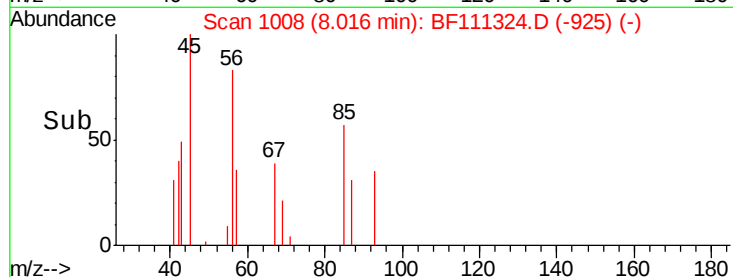
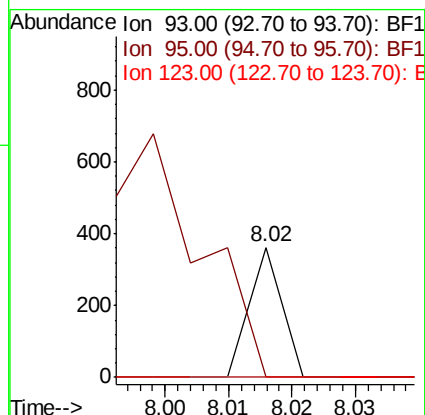
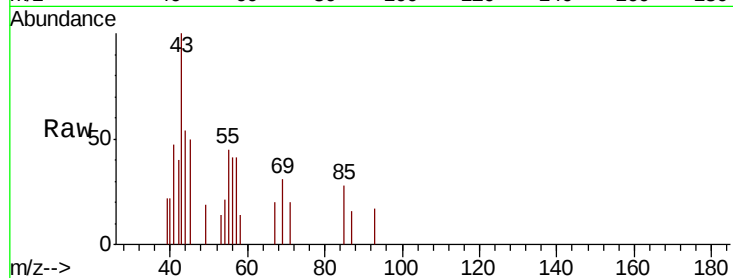




#28
bis(2-Chloroethoxy)methane
Concen: 0.005 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.19 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

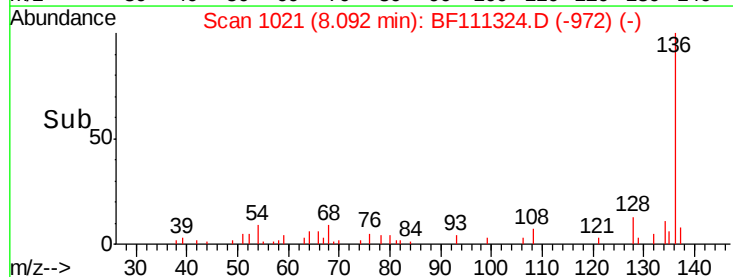
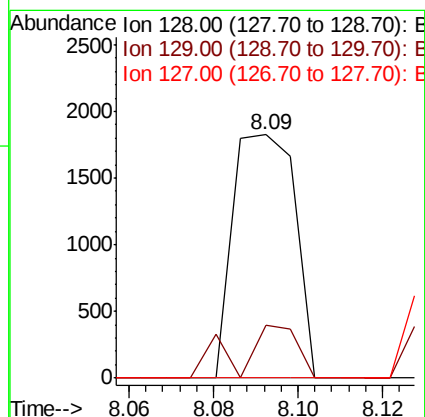
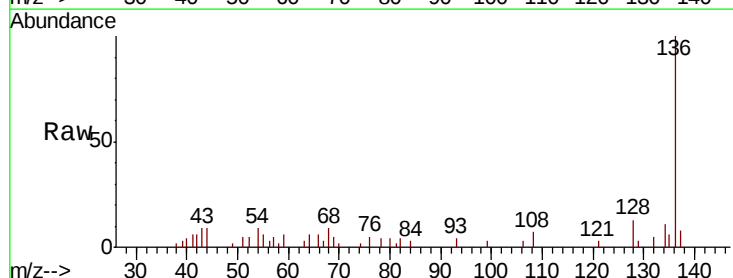
Instrument :
BNA_F
ClientSampled :
DW-9

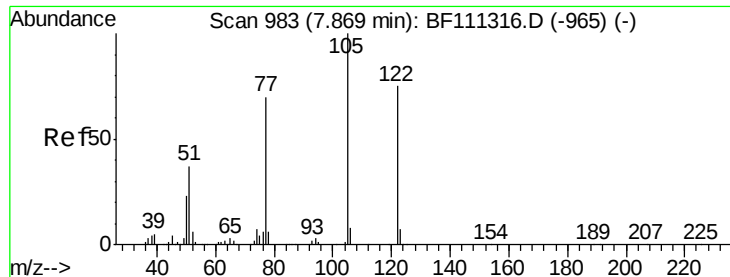
Tgt Ion: 93 Resp: 128
Ion Ratio Lower Upper
93 100
95 0.0 27.1 40.7#
123 0.0 9.9 14.9#



#31
Naphthalene
Concen: 0.033 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion: 128 Resp: 1866
Ion Ratio Lower Upper
128 100
129 21.7 9.8 14.8#
127 0.0 12.0 18.0#

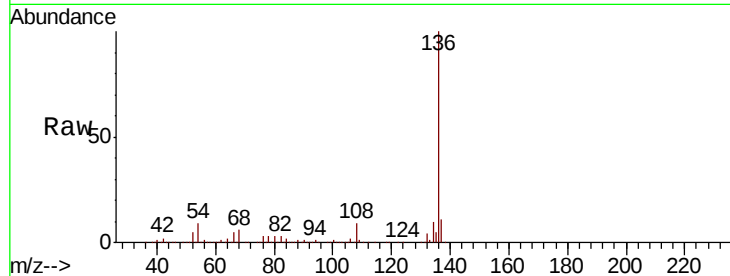




#32
Benzoic acid
Concen: 0.011 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.21 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Instrument :
BNA_F
ClientSampleId :
DW-9

Tgt Ion	Ratio	Lower	Upper
122	100		
105	273.2	97.0	137.0#
77	643.3	65.7	105.7#

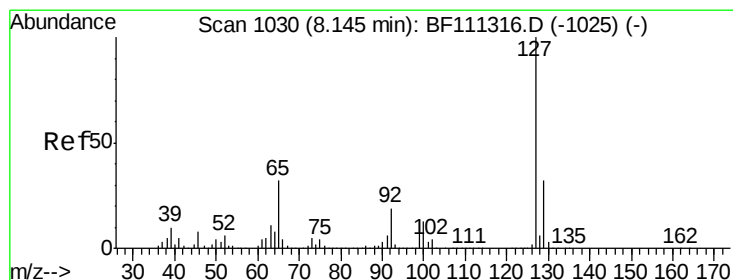
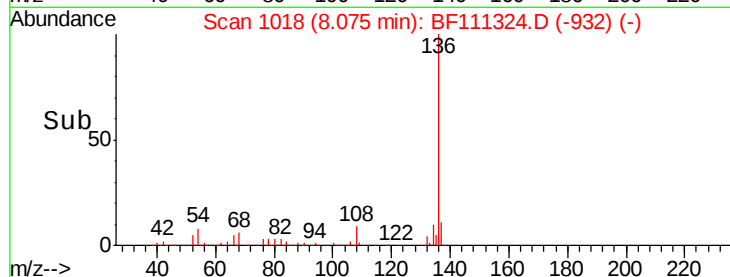
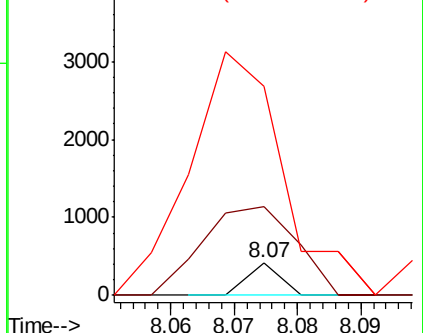


Abundance

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: 0.362 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.6	39.8
65	24.0	25.7	38.5#
92	20.3	15.4	23.2

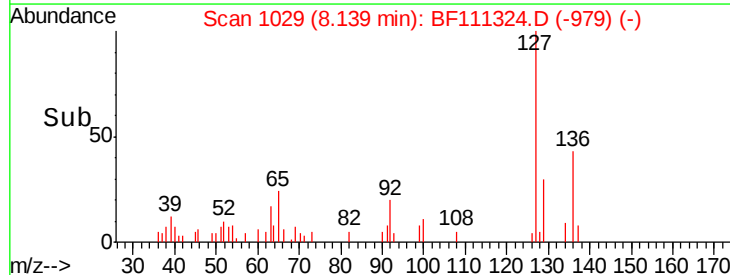
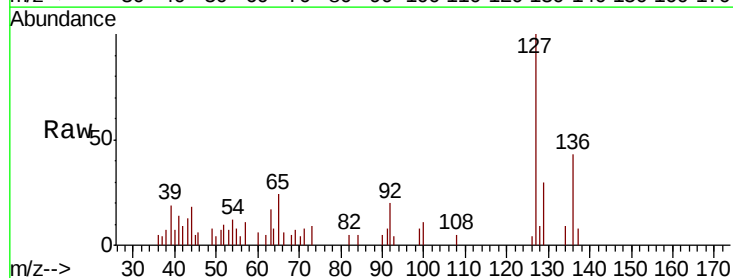
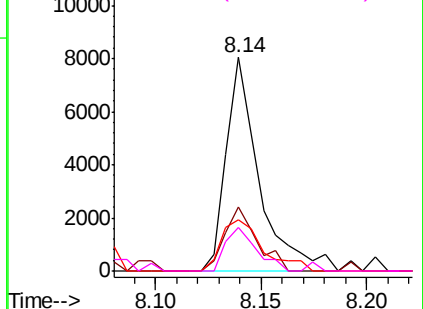
Abundance

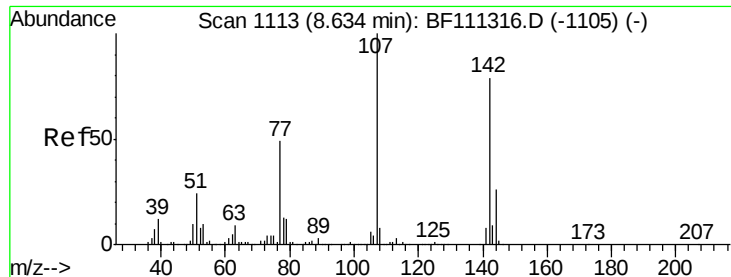
Ion 127.00 (126.70 to 127.70): E

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

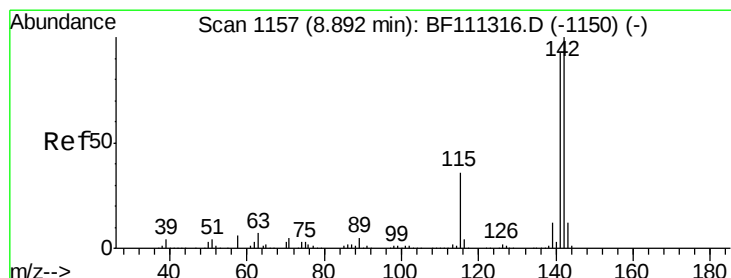
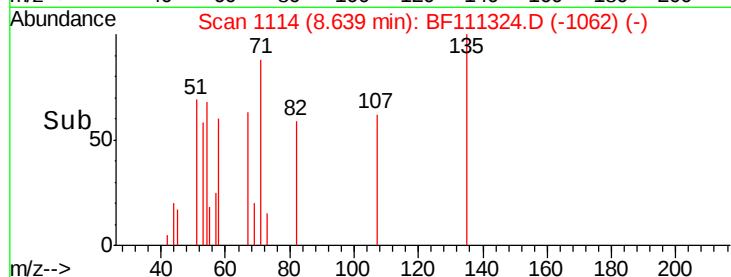
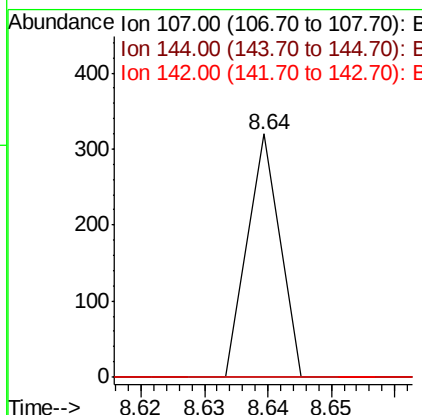
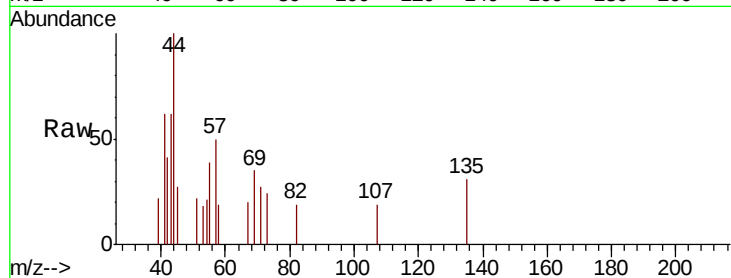




#36
 4-Chloro-3-methylphenol
 Concen: 0.006 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111324.D
 Acq: 12 Dec 2018 16:31

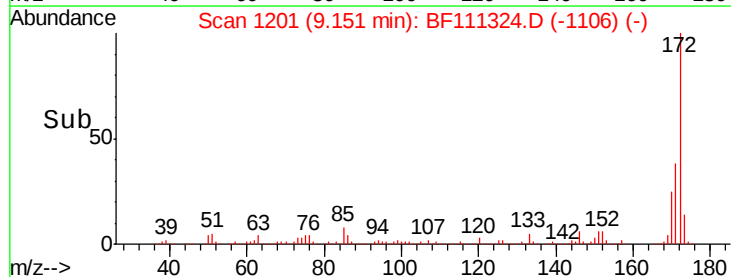
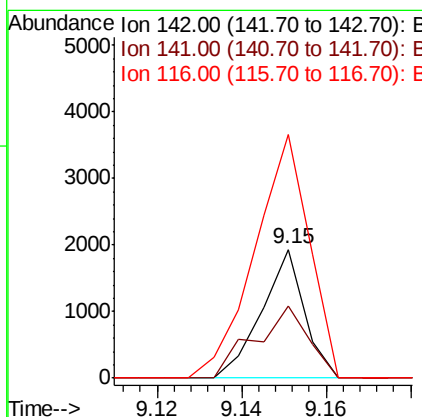
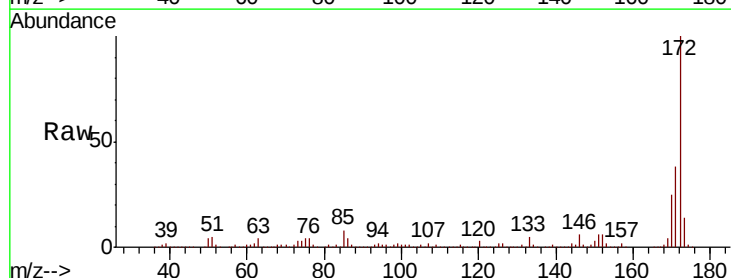
Instrument :
 BNA_F
 ClientSampleId :
 DW-9

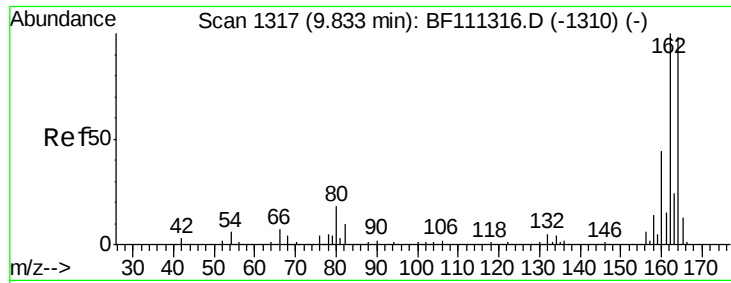
Tgt Ion:107 Resp: 113
 Ion Ratio Lower Upper
 107 100
 144 0.0 19.8 29.6#
 142 0.0 62.3 93.5#



#38
 1-Methylnaphthalene
 Concen: 0.039 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.26 min
 Lab File: BF111324.D
 Acq: 12 Dec 2018 16:31

Tgt Ion:142 Resp: 1364
 Ion Ratio Lower Upper
 142 100
 141 56.3 74.2 111.4#
 116 189.6 2.9 4.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampleId :

DW-9

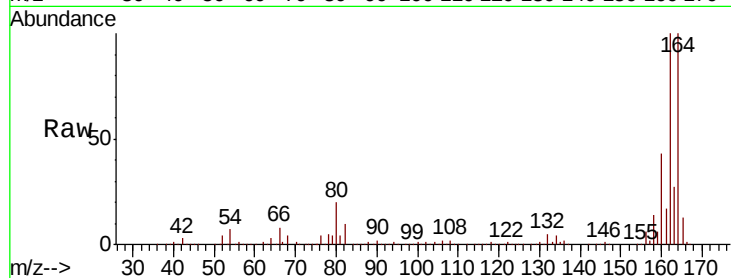
Tgt Ion:164 Resp: 606455

Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

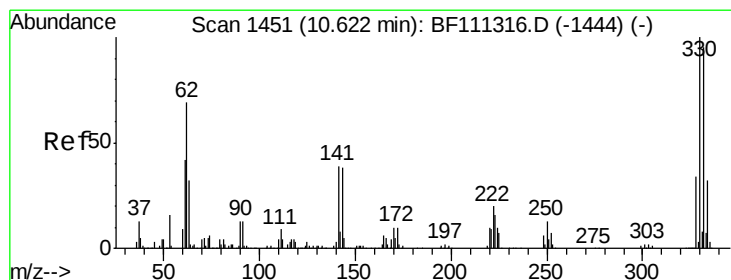
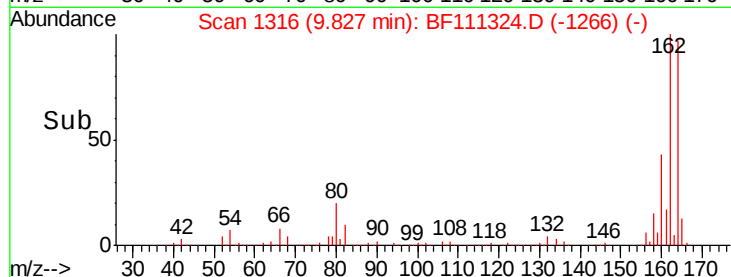
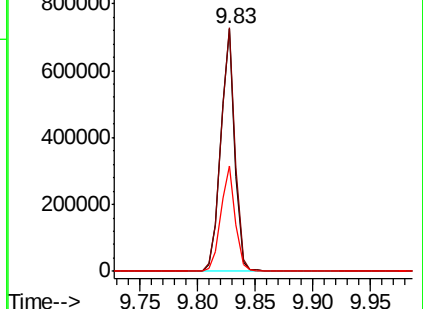
160 43.6 35.7 53.5



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: 93.005 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

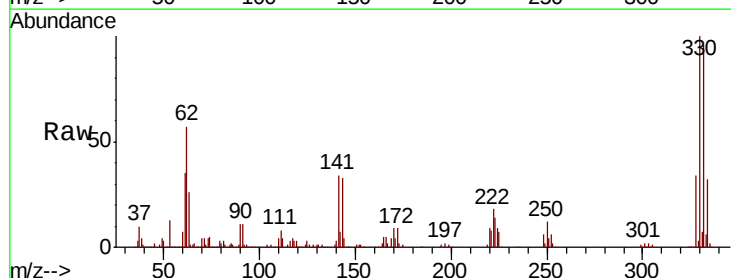
Tgt Ion:330 Resp: 497202

Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

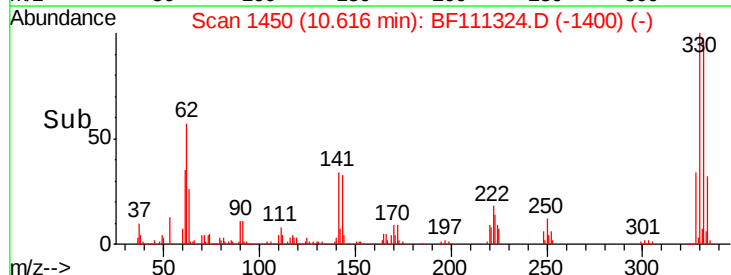
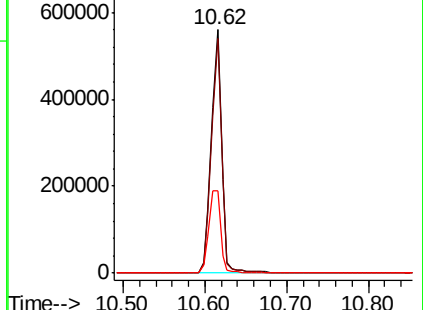
141 38.9 31.0 46.6

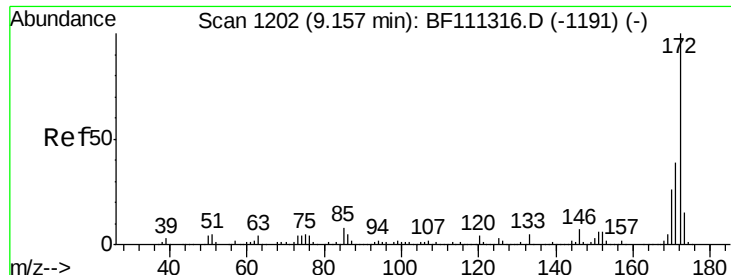


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

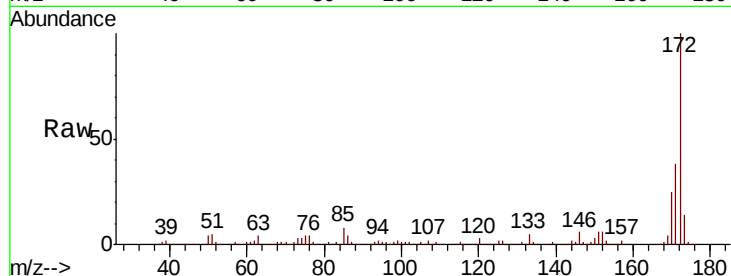




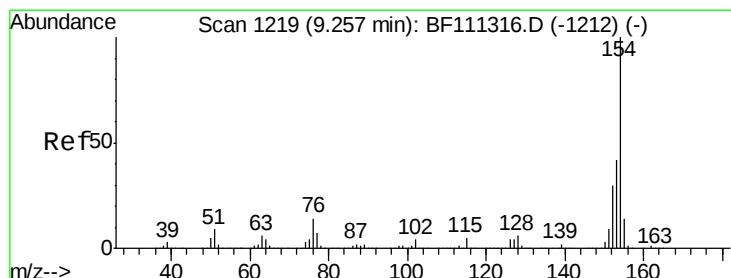
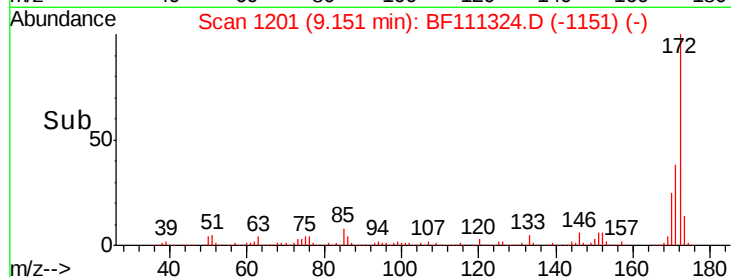
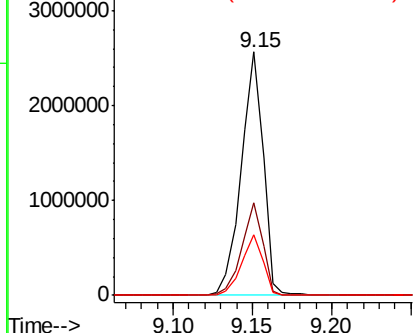
#45
 2-Fluorobiphenyl
 Concen: 65.133 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111324.D
 Acq: 12 Dec 2018 16:31

Instrument :
 BNA_F
 ClientSampleId :
 DW-9

Tgt Ion:172 Resp: 2460339
 Ion Ratio Lower Upper
 172 100
 171 38.0 33.0 49.4
 170 25.0 22.3 33.5

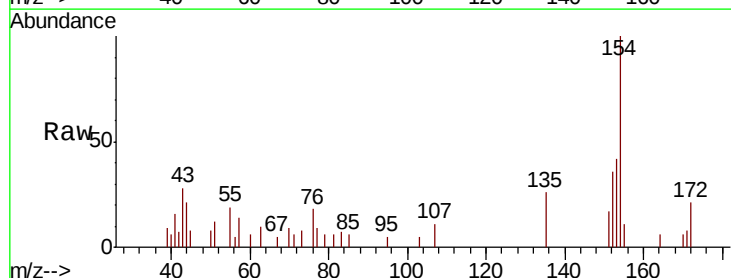


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

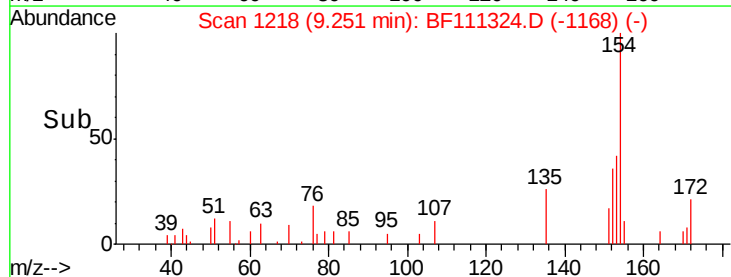
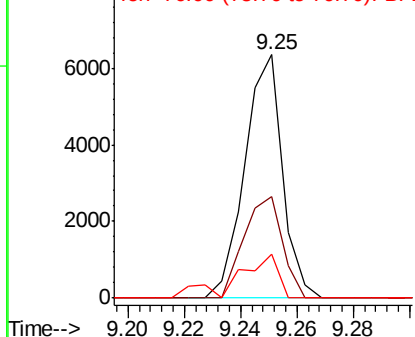


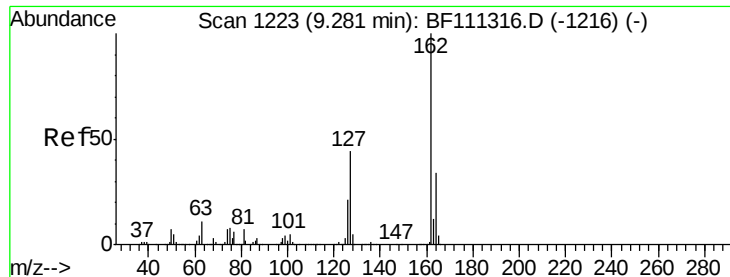
#46
 1,1'-Biphenyl
 Concen: 0.113 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111324.D
 Acq: 12 Dec 2018 16:31

Tgt Ion:154 Resp: 5855
 Ion Ratio Lower Upper
 154 100
 153 41.9 23.7 63.7
 76 18.1 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

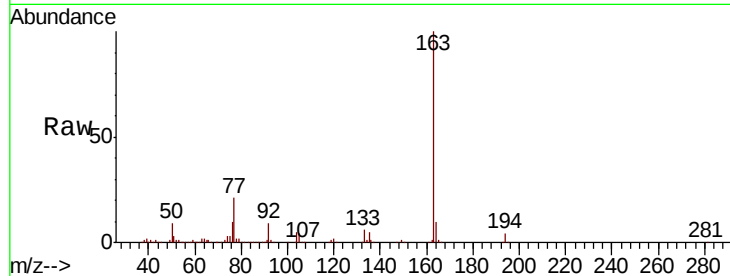




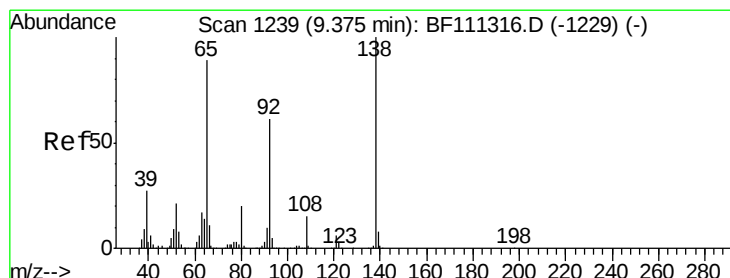
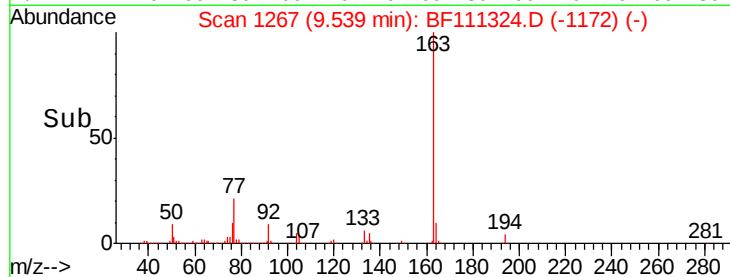
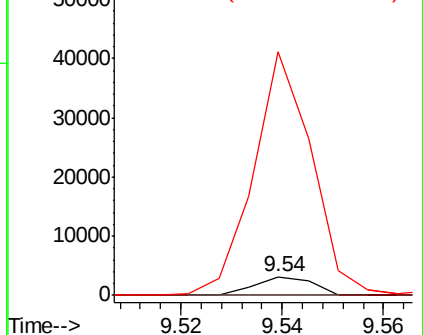
#47
2-Chloronaphthalene
Concen: 0.062 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.26 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Instrument :
BNA_F
ClientSampled :
DW-9

Tgt Ion: 162 Resp: 2454
Ion Ratio Lower Upper
162 100
127 0.0 35.0 52.4#
164 1300.0 28.4 42.6#

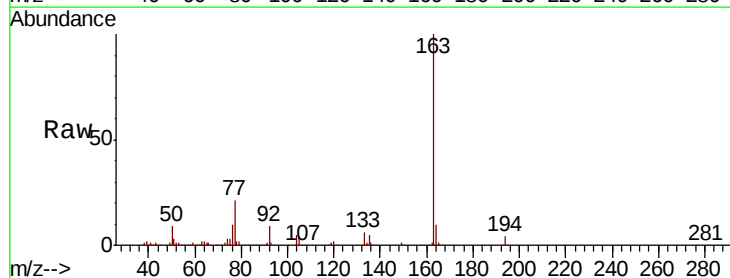


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

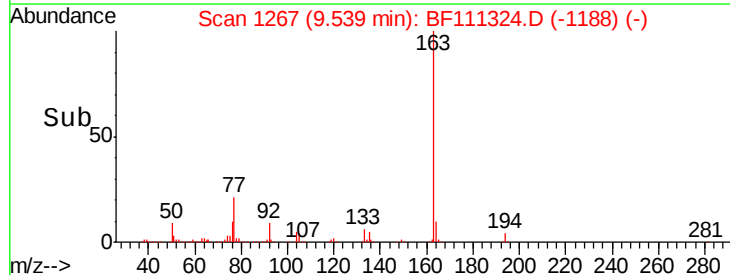
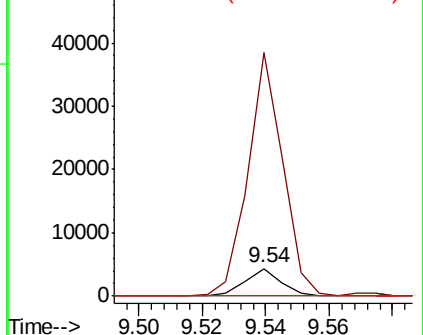


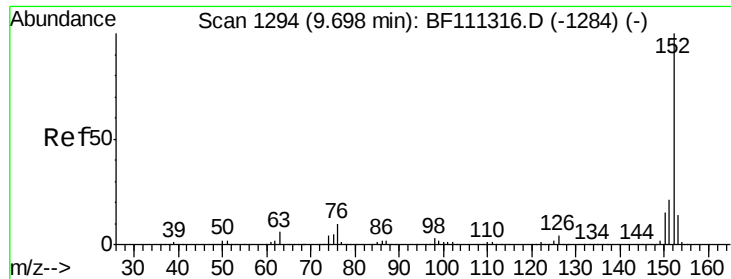
#48
2-Nitroaniline
Concen: 0.263 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.16 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion: 65 Resp: 3384
Ion Ratio Lower Upper
65 100
92 886.6 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: 0.004 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampleId :

DW-9

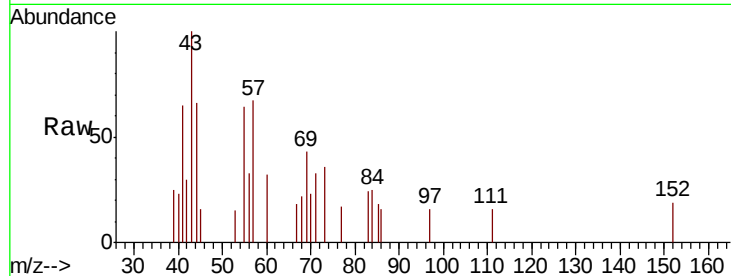
Tgt Ion:152 Resp: 247

Ion Ratio Lower Upper

152 100

151 0.0 18.0 27.0#

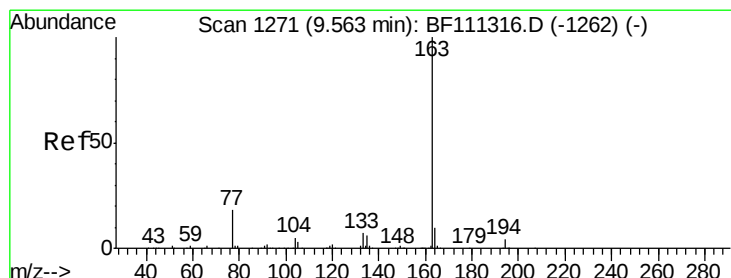
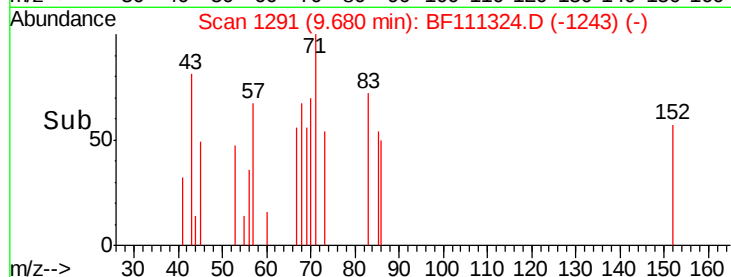
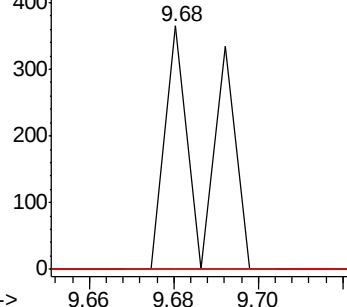
153 0.0 12.3 18.5#



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: 7.730 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

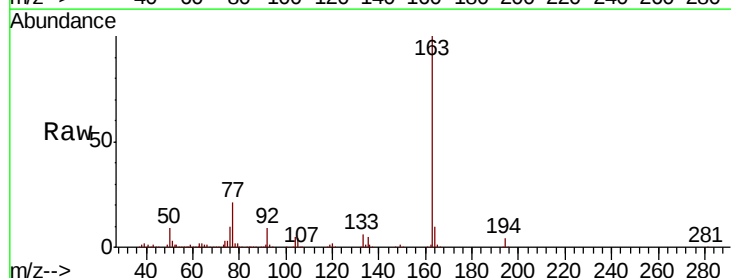
Tgt Ion:163 Resp: 337128

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

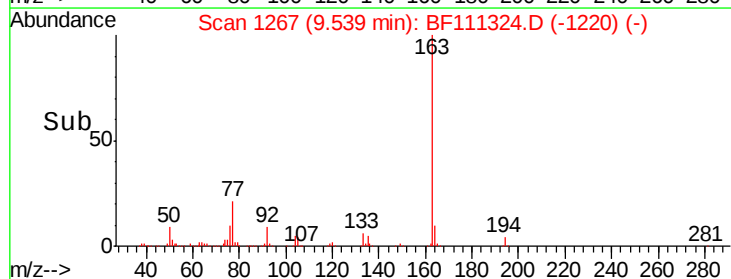
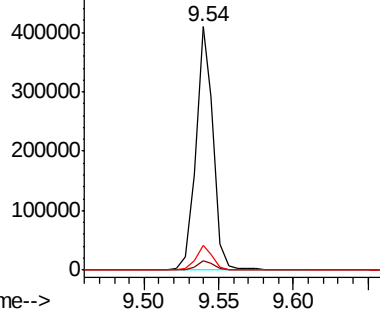
164 10.0 8.9 13.3

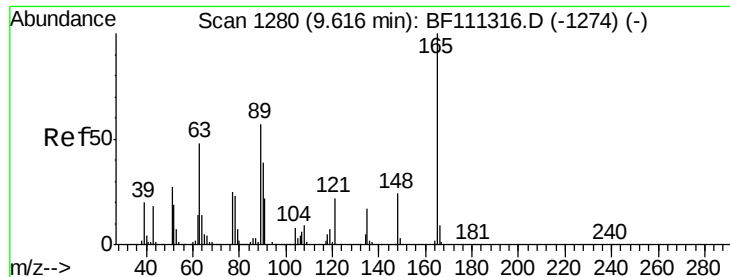


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 0.364 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.08 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampleId :

DW-9

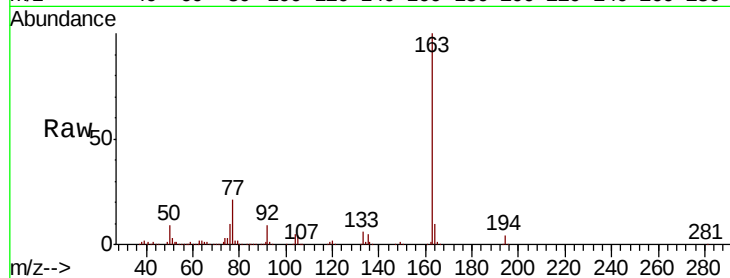
Tgt Ion:165 Resp: 3516

Ion Ratio Lower Upper

165 100

63 127.7 40.5 60.7#

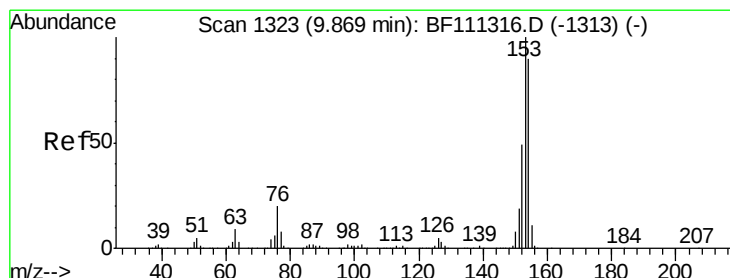
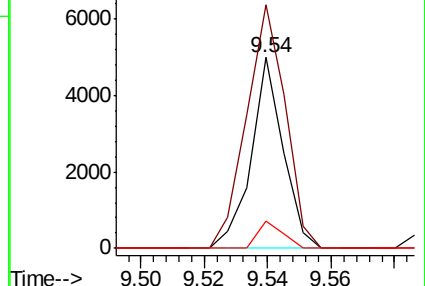
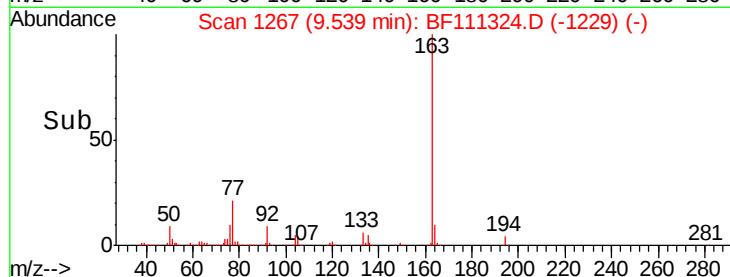
89 14.1 40.0 60.0#



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: 0.006 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

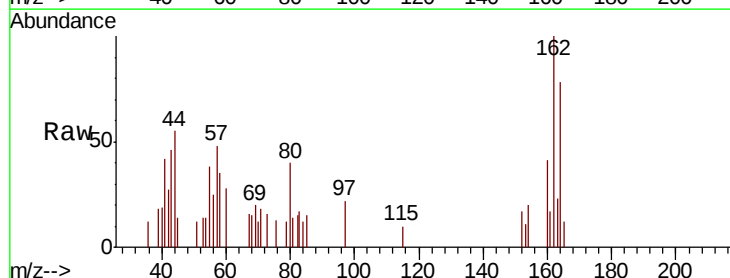
Tgt Ion:154 Resp: 208

Ion Ratio Lower Upper

154 100

153 55.8 87.8 131.8#

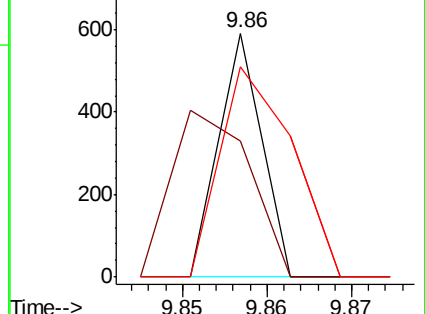
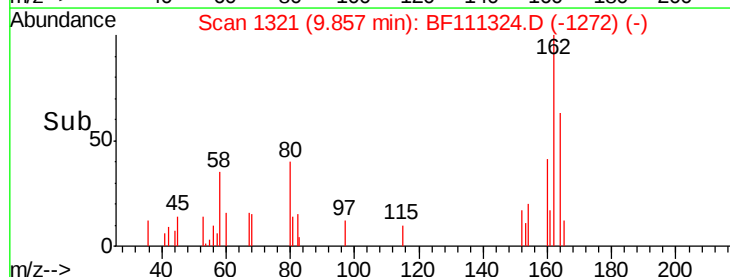
152 86.3 43.4 65.2#

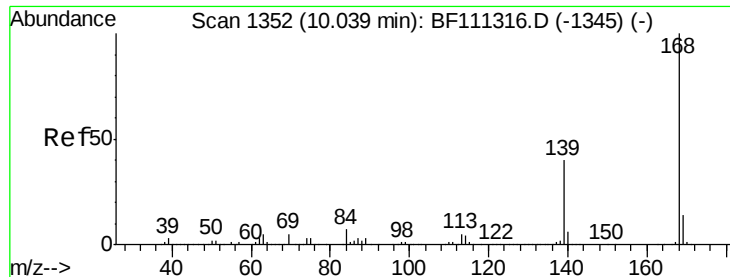


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

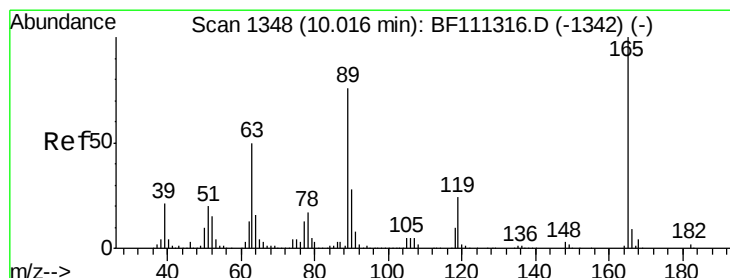
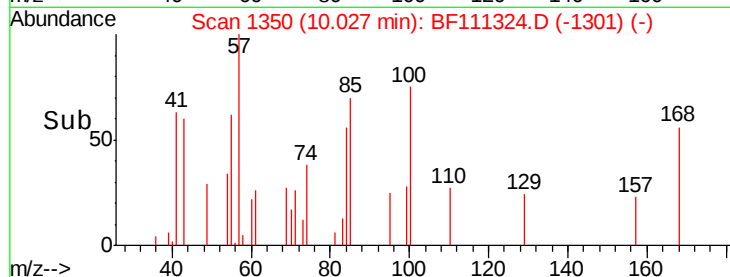
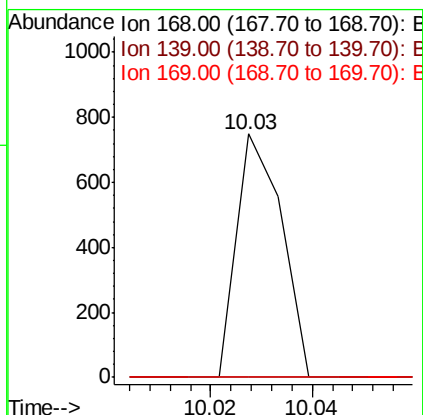
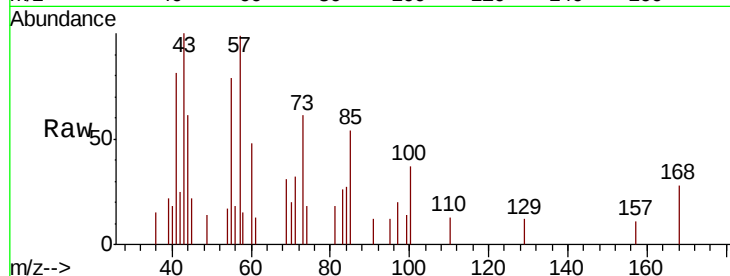




#55
Dibenzofuran
Concen: 0.009 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

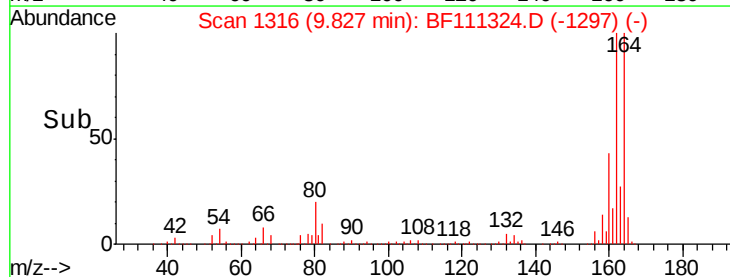
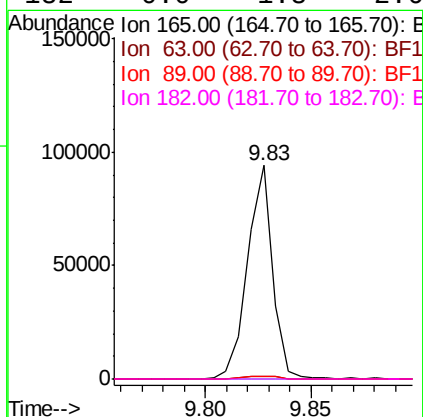
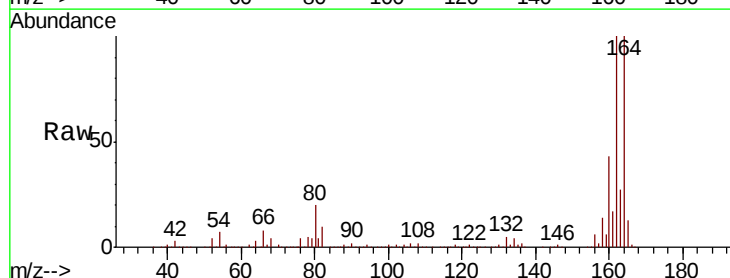
Instrument :
BNA_F
ClientSampleId :
DW-9

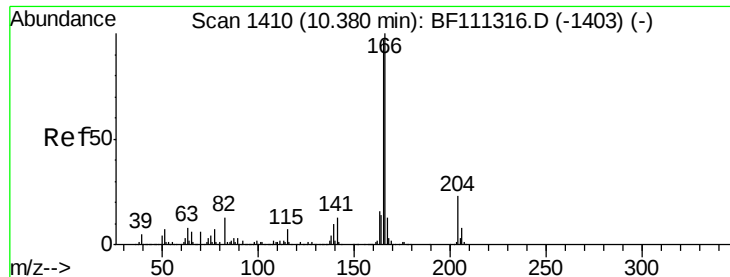
Tgt Ion:168 Resp: 461
Ion Ratio Lower Upper
168 100
139 0.0 32.6 49.0#
169 0.0 11.8 17.6#



#57
2,4-Dinitrotoluene
Concen: 6.264 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion:165 Resp: 77601
Ion Ratio Lower Upper
165 100
63 1.5 34.6 52.0#
89 1.4 56.2 84.4#
182 0.0 1.8 2.6#





#58

Fluorene

Concen: 0.717 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.23 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampleId :

DW-9

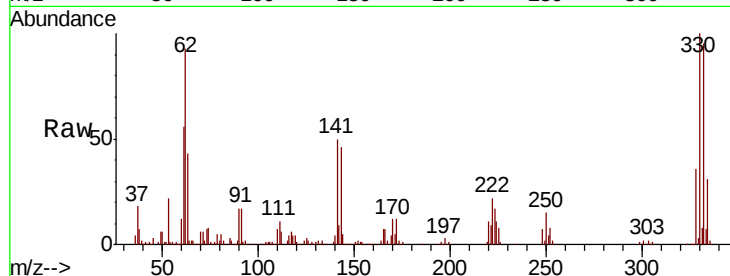
Tgt Ion:166 Resp: 27050

Ion Ratio Lower Upper

166 100

165 94.0 78.4 117.6

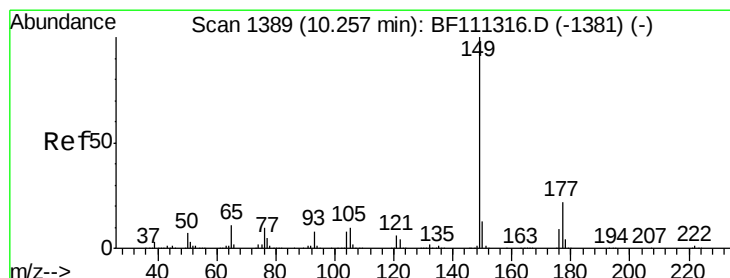
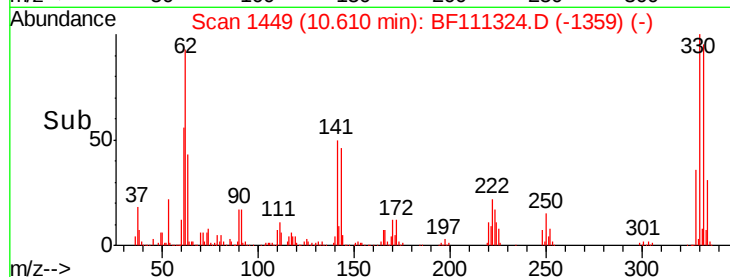
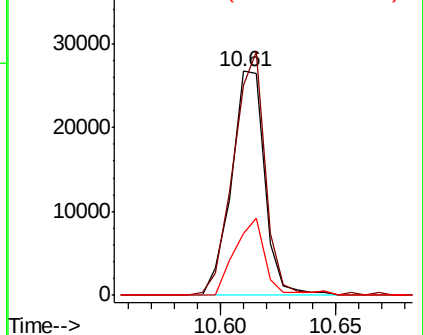
167 27.6 11.2 16.8#



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: 0.744 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

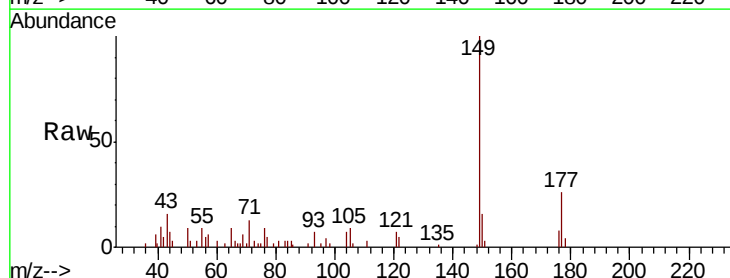
Tgt Ion:149 Resp: 32644

Ion Ratio Lower Upper

149 100

177 25.7 18.3 27.5

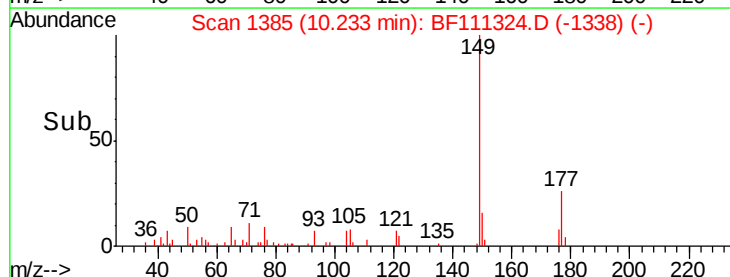
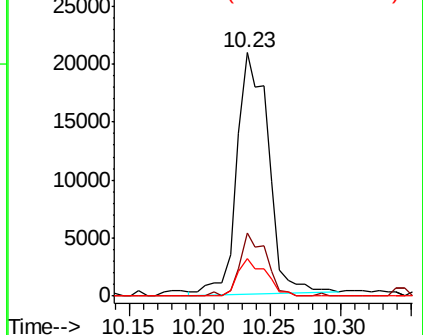
150 15.6 10.6 15.8

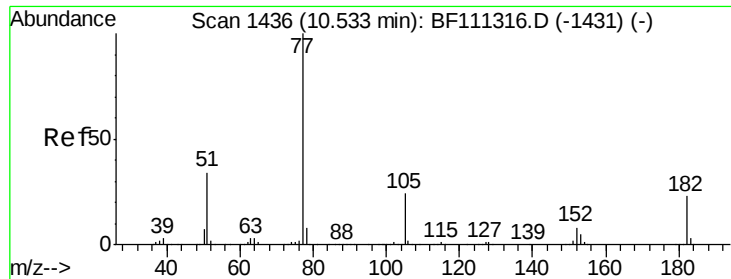


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

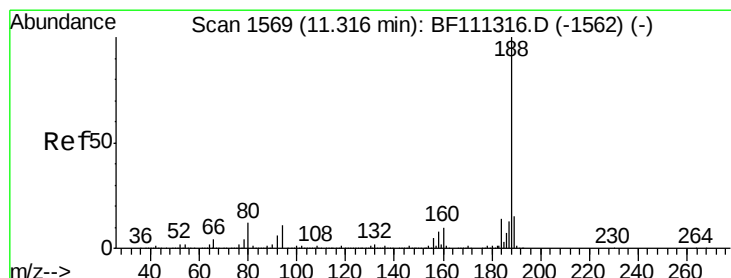
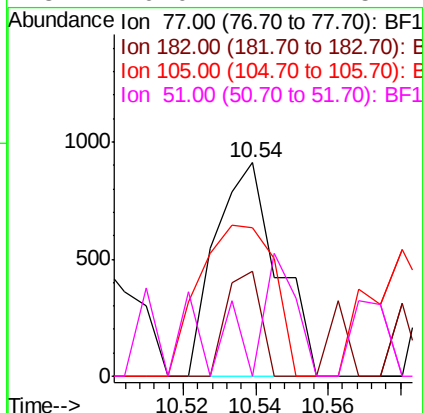
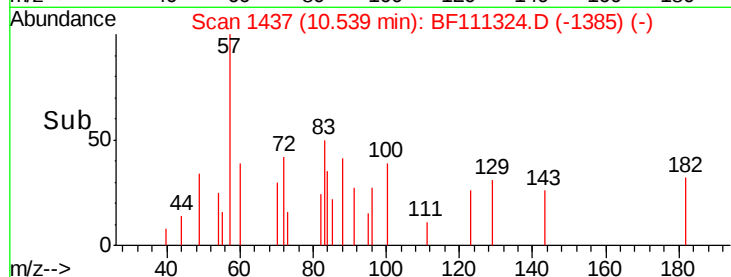
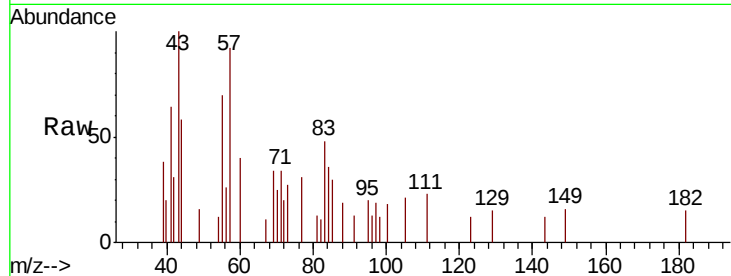




#63
Azobenzene
Concen: 0.025 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

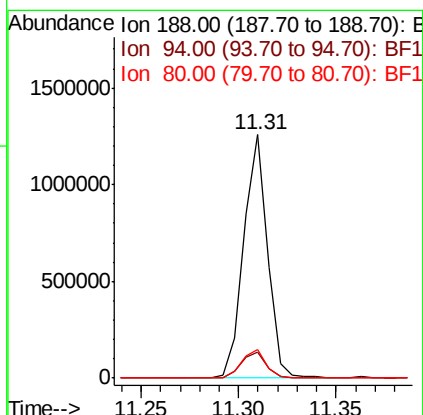
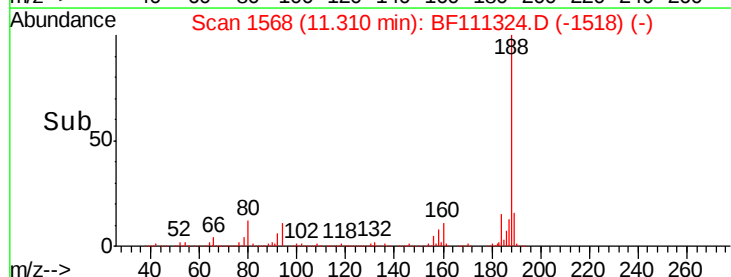
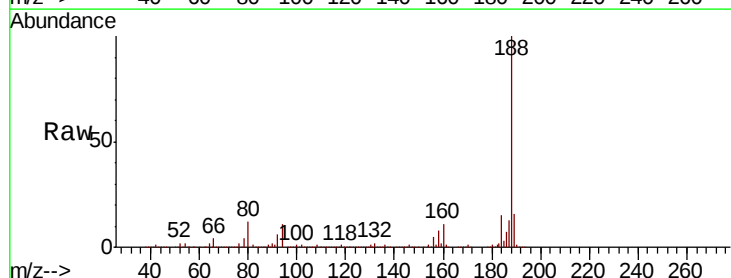
Instrument :
BNA_F
ClientSampleId :
DW-9

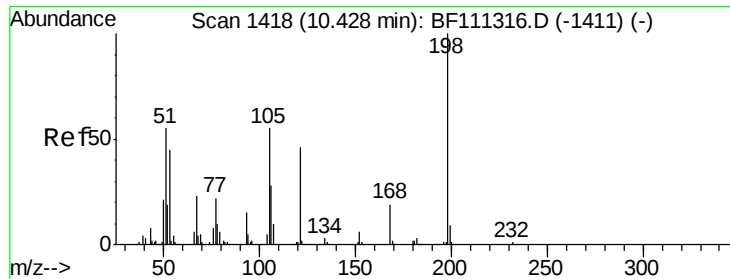
Tgt Ion: 77 Resp: 1090
Ion Ratio Lower Upper
77 100
182 49.1 4.9 44.9#
105 69.4 6.0 46.0#
51 0.0 14.7 54.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion: 188 Resp: 1067298
Ion Ratio Lower Upper
188 100
94 10.9 9.6 14.4
80 11.8 9.8 14.6

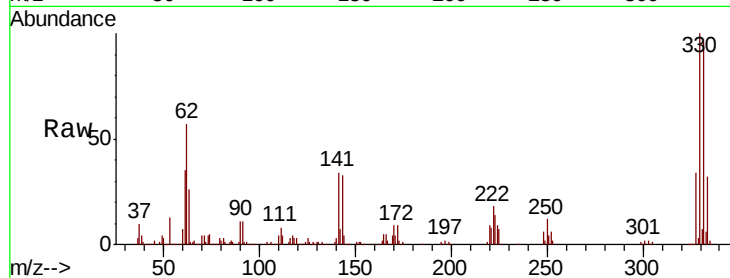




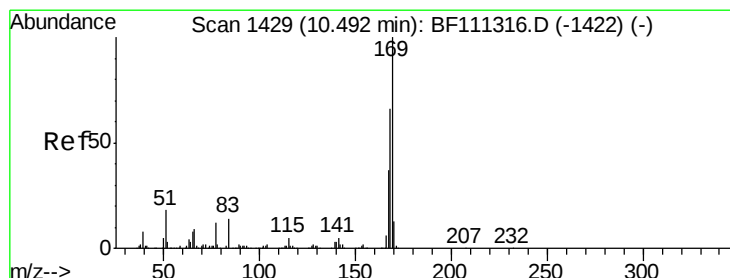
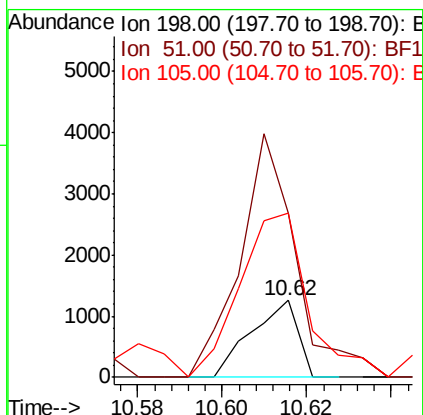
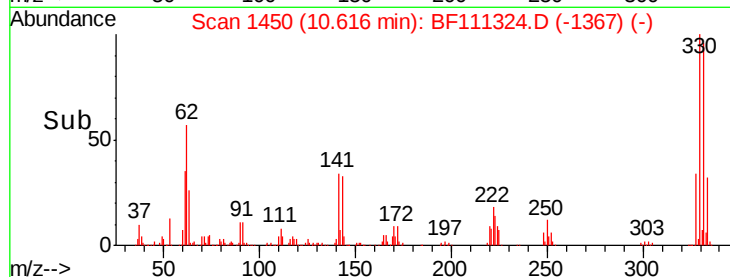
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.158 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.19 min
 Lab File: BF111324.D
 Acq: 12 Dec 2018 16:31

Instrument :
 BNA_F
 ClientSampleID :
 DW-9

Tgt Ion:198 Resp: 966
 Ion Ratio Lower Upper
 198 100
 51 213.9 48.0 88.0#
 105 214.3 34.0 74.0#

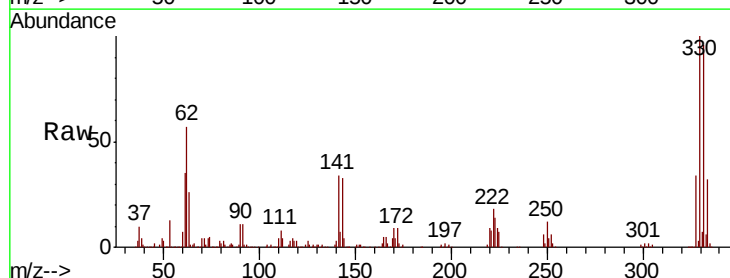


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

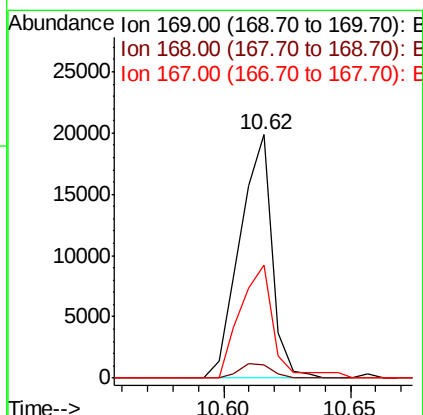
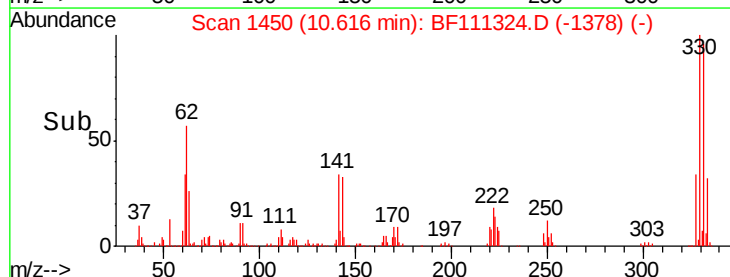


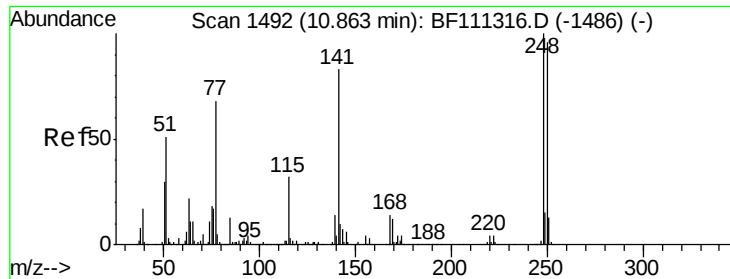
#66
 n-Nitrosodiphenylamine
 Concen: 0.463 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.12 min
 Lab File: BF111324.D
 Acq: 12 Dec 2018 16:31

Tgt Ion:169 Resp: 17563
 Ion Ratio Lower Upper
 169 100
 168 5.4 54.4 81.6#
 167 46.6 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

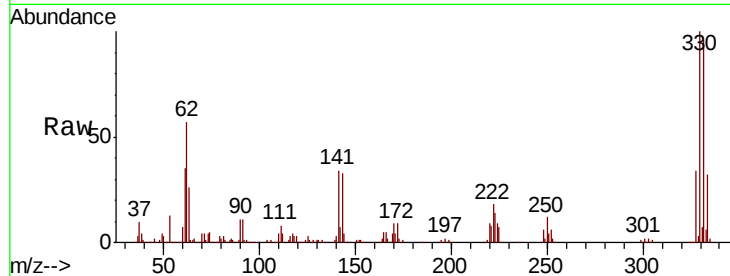




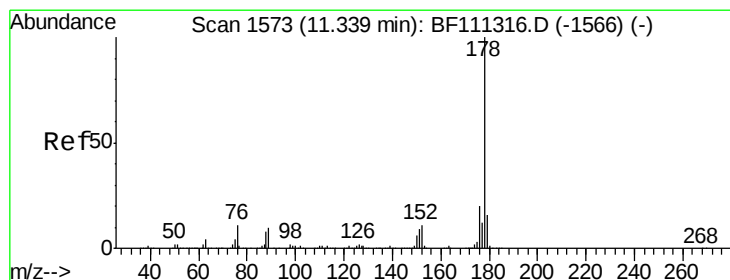
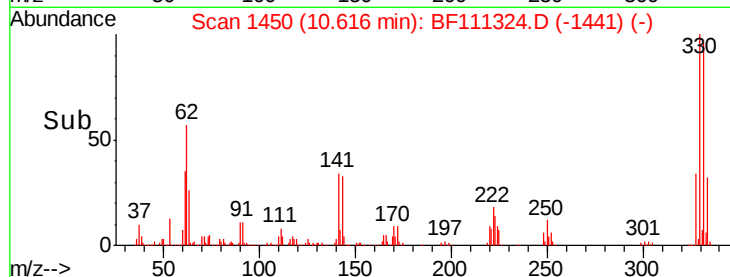
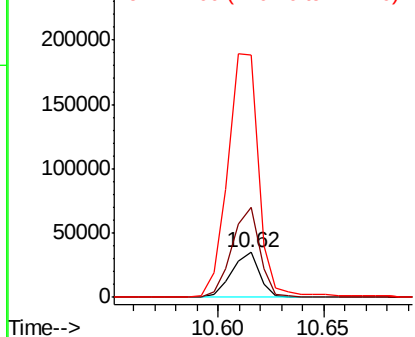
#67
4-Bromophenyl-phenylether
Concen: 2.716 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Instrument :
BNA_F
ClientSampleId :
DW-9

Tgt Ion: 248 Resp: 32266
Ion Ratio Lower Upper
248 100
250 199.3 77.0 115.4#
141 540.1 63.0 94.6#

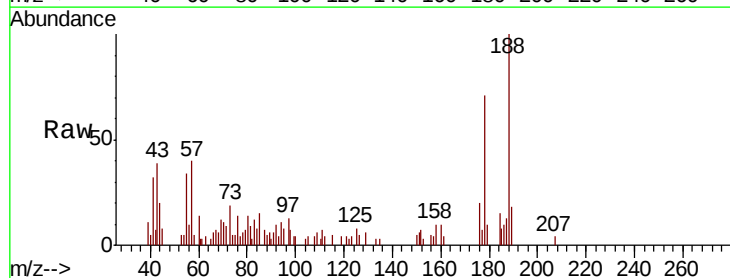


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

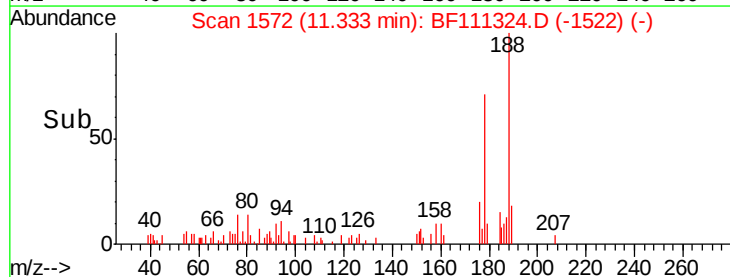
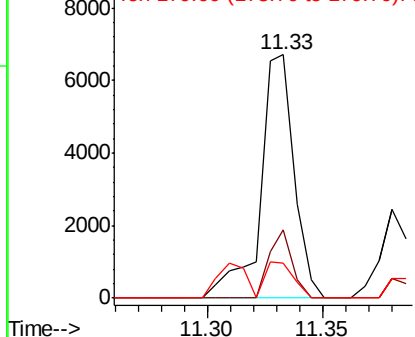


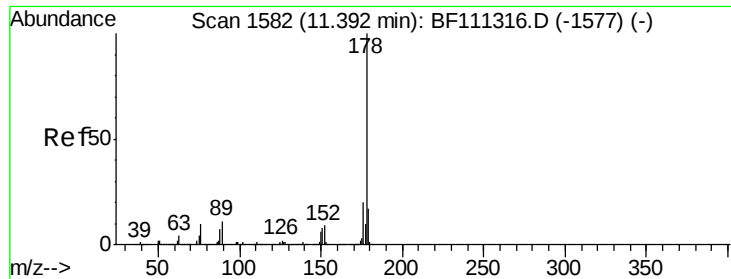
#71
Phenanthrene
Concen: 0.124 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion: 178 Resp: 6817
Ion Ratio Lower Upper
178 100
176 28.2 18.1 27.1#
179 14.5 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: 0.034 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampleId :

DW-9

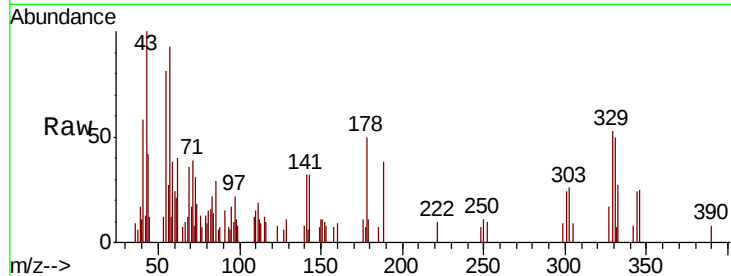
Tgt Ion:178 Resp: 1920

Ion Ratio Lower Upper

178 100

176 21.8 17.2 25.8

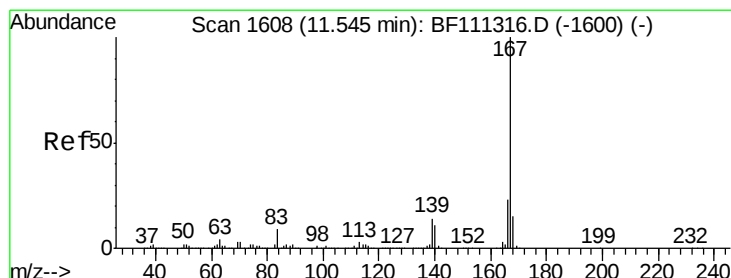
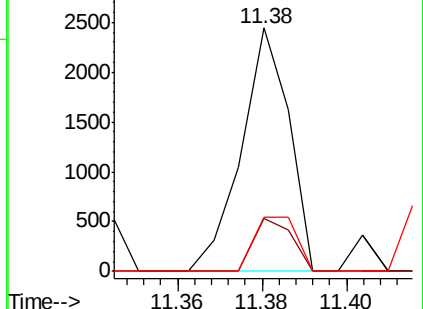
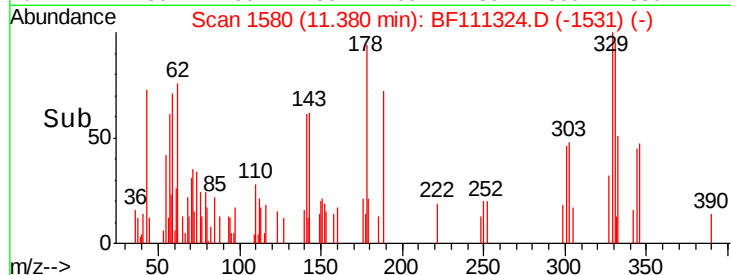
179 22.4 13.8 20.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.023 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

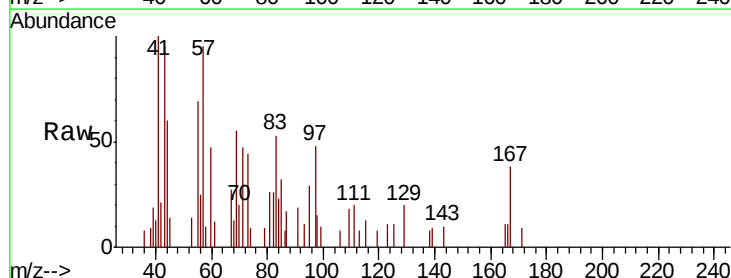
Tgt Ion:167 Resp: 1356

Ion Ratio Lower Upper

167 100

166 28.2 19.3 28.9

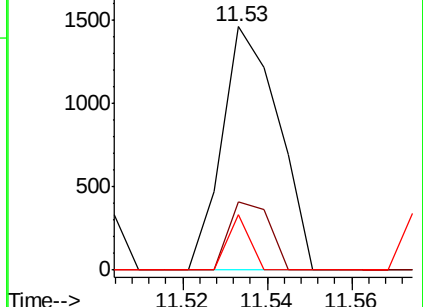
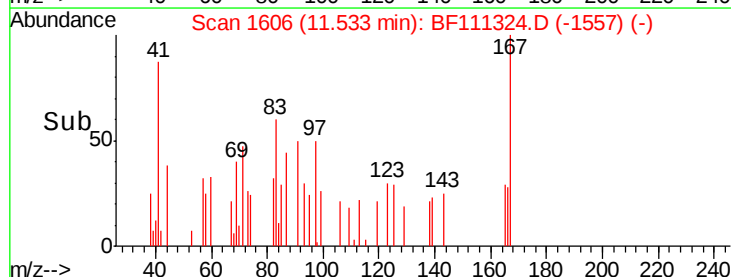
139 22.7 11.9 17.9#

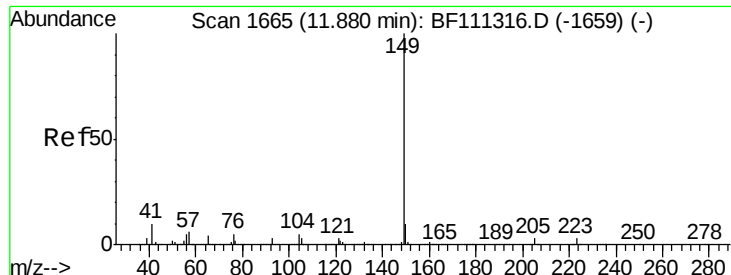


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.382 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampleId :

DW-9

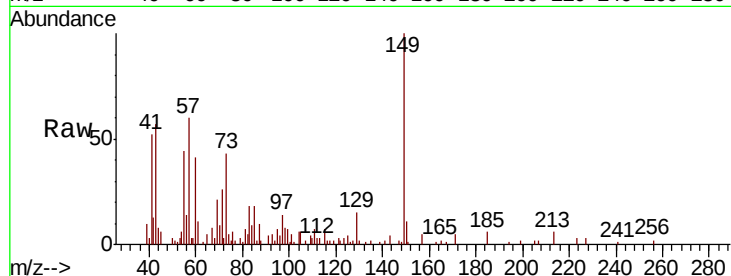
Tgt Ion:149 Resp: 25291

Ion Ratio Lower Upper

149 100

150 10.9 8.8 13.2

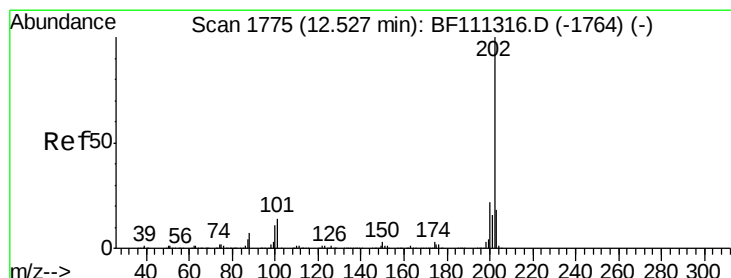
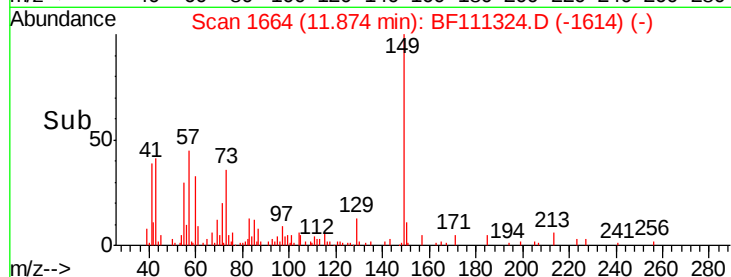
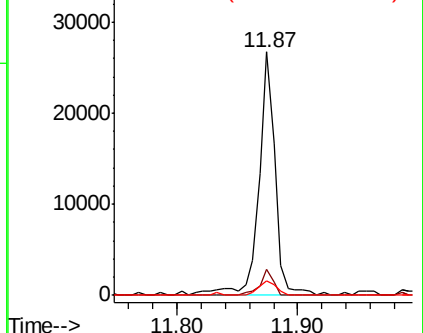
104 5.7 4.5 6.7



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: 0.199 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

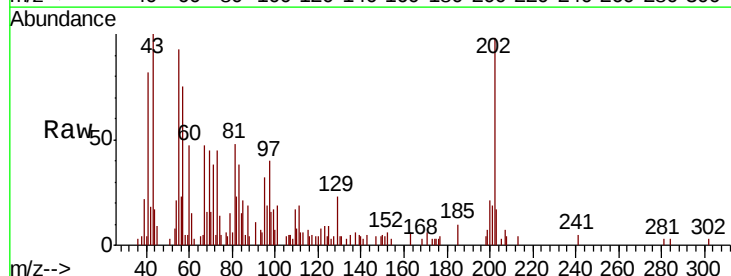
Tgt Ion:202 Resp: 10720

Ion Ratio Lower Upper

202 100

101 19.1 0.0 33.8

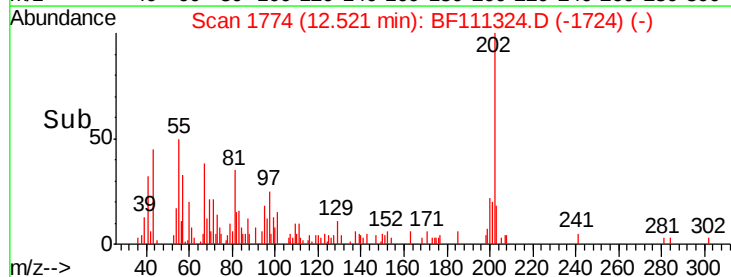
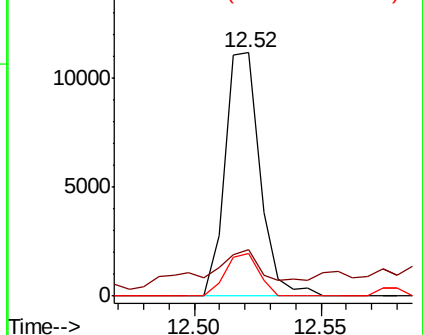
203 17.6 0.0 38.6

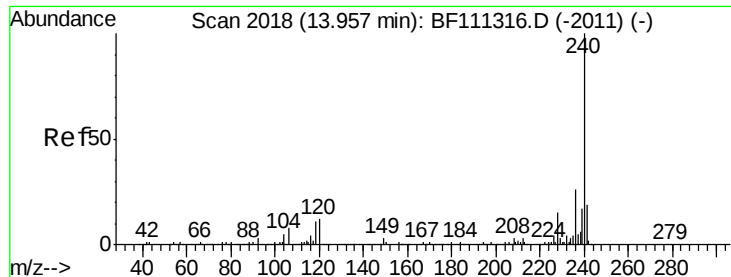


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampleId :

DW-9

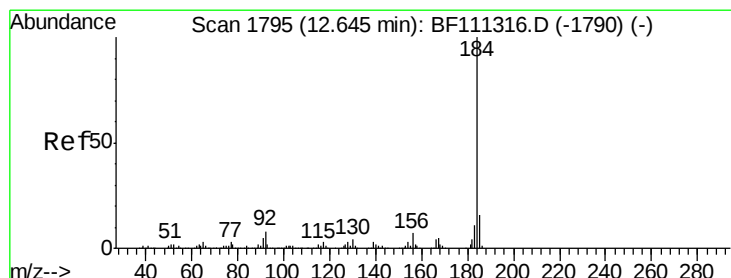
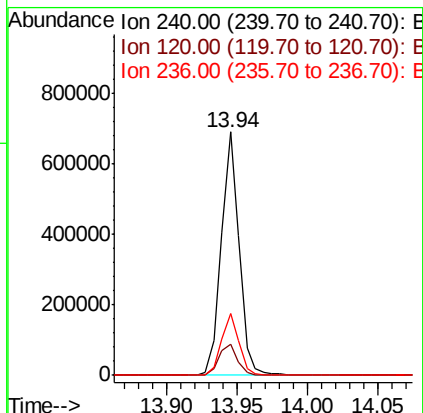
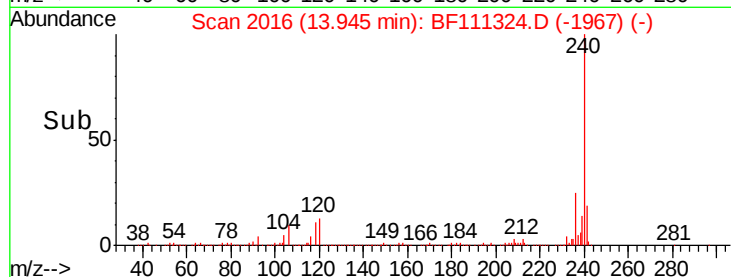
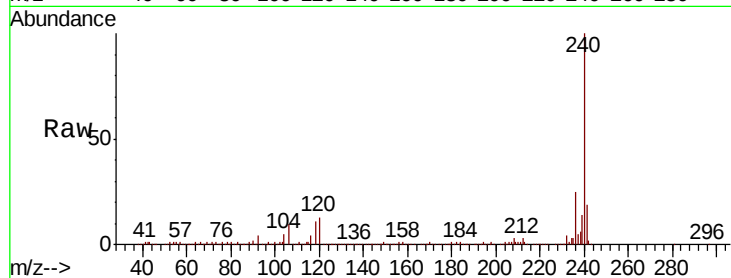
Tgt Ion:240 Resp: 607751

Ion Ratio Lower Upper

240 100

120 12.8 12.2 18.2

236 25.3 20.2 30.2



#77

Benzidine

Concen: 2.140 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.25 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

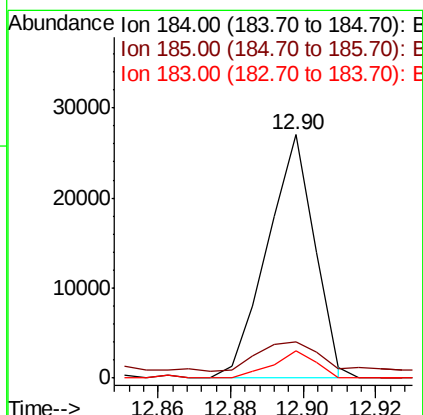
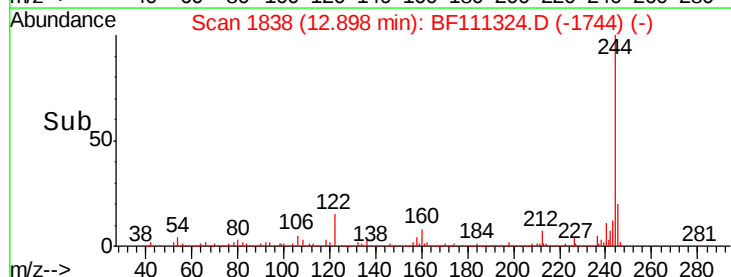
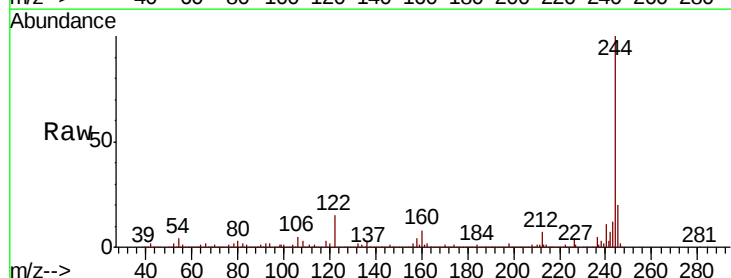
Tgt Ion:184 Resp: 24549

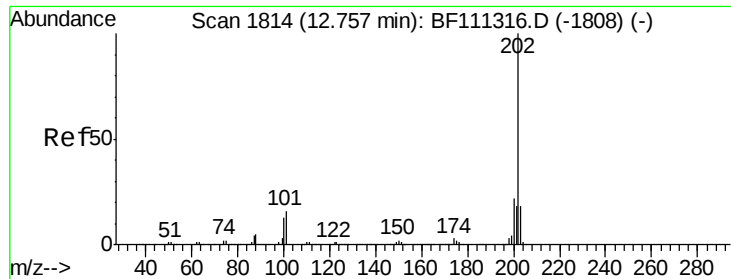
Ion Ratio Lower Upper

184 100

185 14.9 13.0 19.6

183 11.2 9.3 13.9

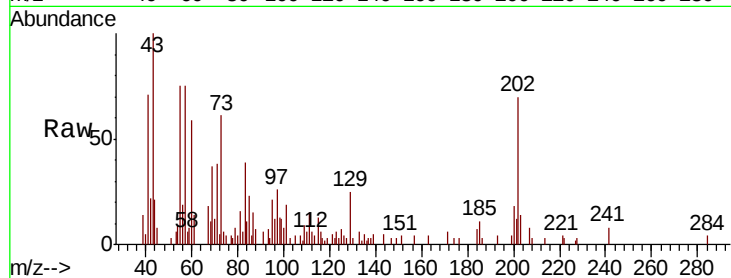




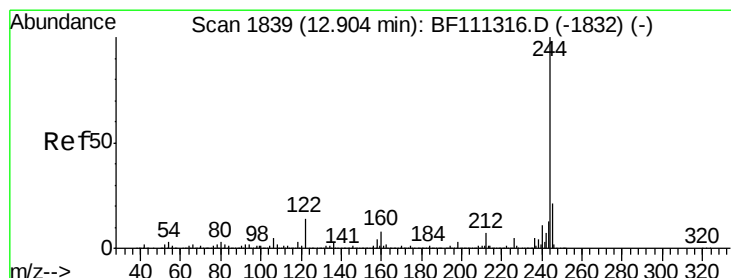
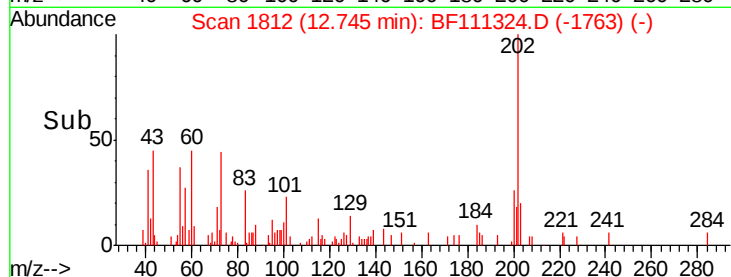
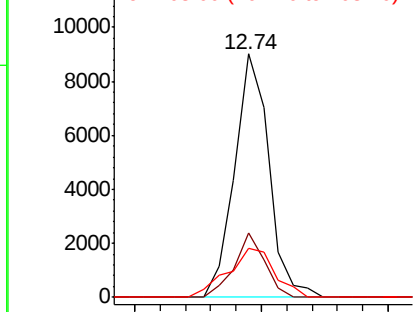
#78
Pyrene
Concen: 0.181 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Instrument :
BNA_F
ClientSampleId :
DW-9

Tgt Ion: 202 Resp: 8471
Ion Ratio Lower Upper
202 100
200 26.2 19.0 28.4
203 20.2 15.2 22.8

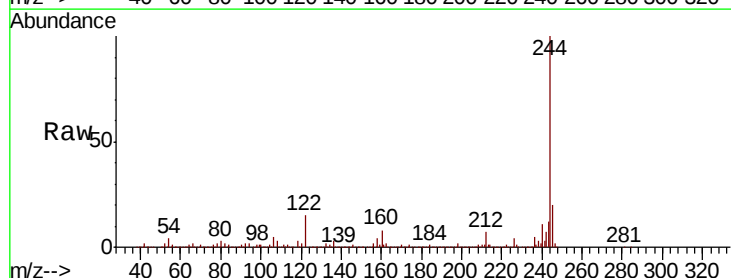


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

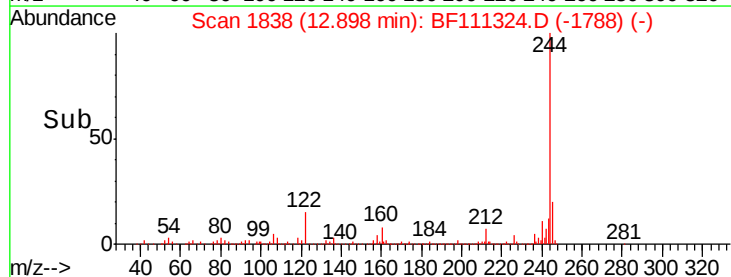
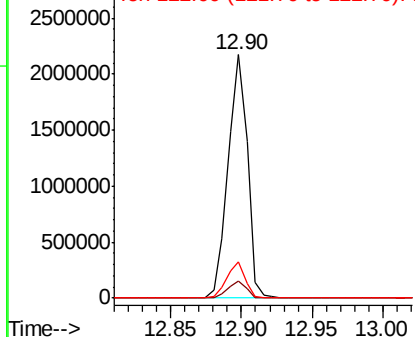


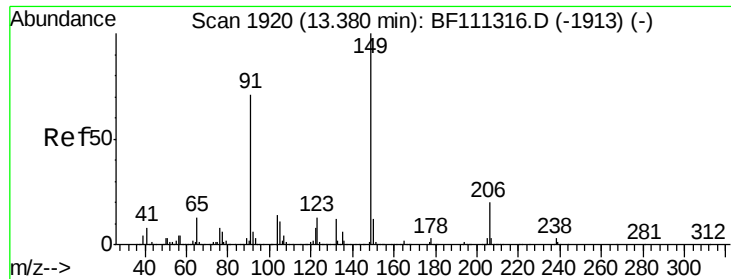
#79
Terphenyl-d14
Concen: 75.096 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion: 244 Resp: 2073633
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 14.8 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

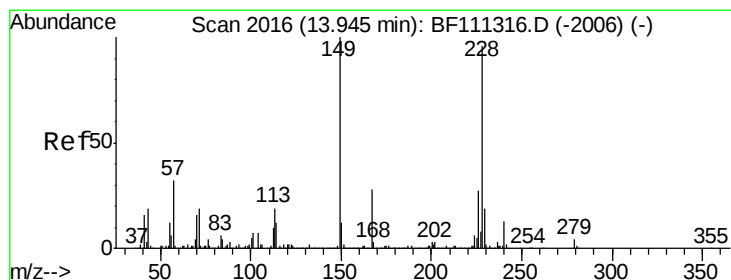
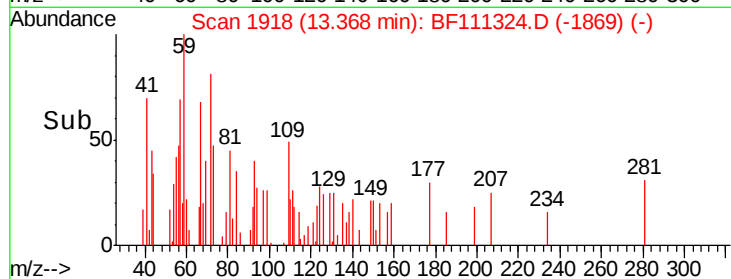
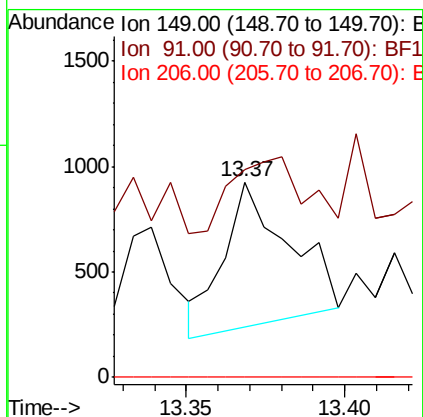
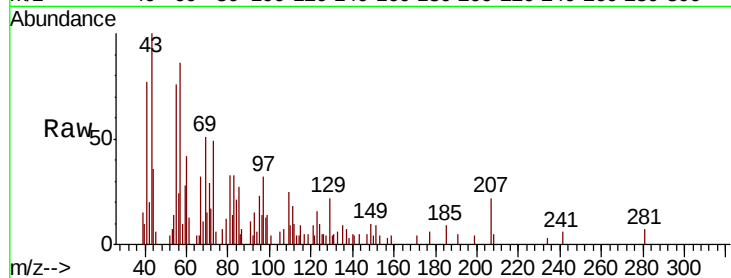




#80
Butylbenzylphthalate
Concen: 0.043 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

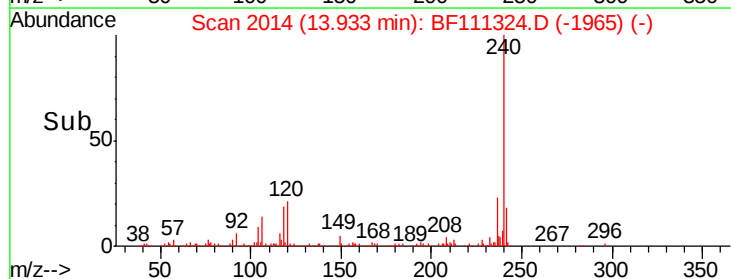
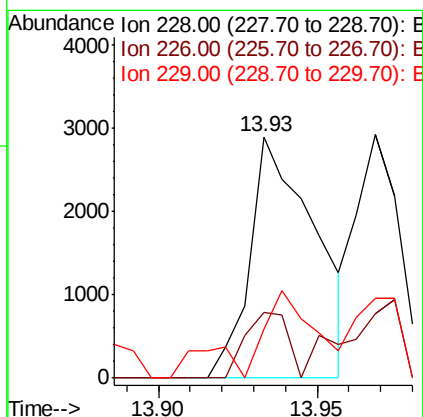
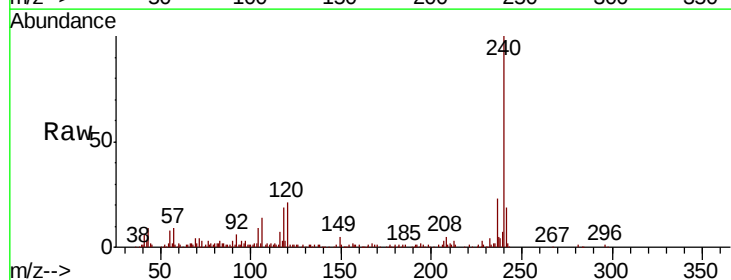
Instrument :
BNA_F
ClientSampleId :
DW-9

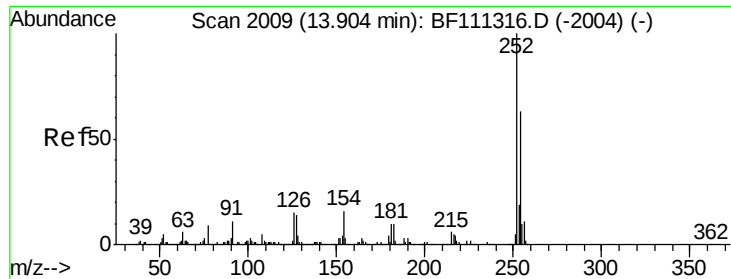
Tgt Ion:149 Resp: 978
Ion Ratio Lower Upper
149 100
91 106.3 63.8 95.6#
206 0.0 15.1 22.7#



#81
Benzo(a)anthracene
Concen: 0.121 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion:228 Resp: 4105
Ion Ratio Lower Upper
228 100
226 27.2 22.6 34.0
229 20.1 16.3 24.5





#82

3,3'-Dichlorobenzidine

Concen: 0.068 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampleId :

DW-9

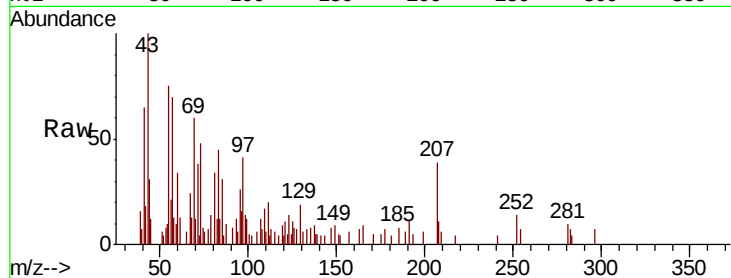
Tgt Ion:252 Resp: 878

Ion Ratio Lower Upper

252 100

254 53.1 52.7 79.1

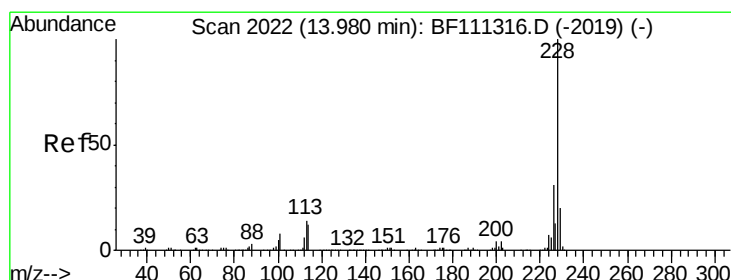
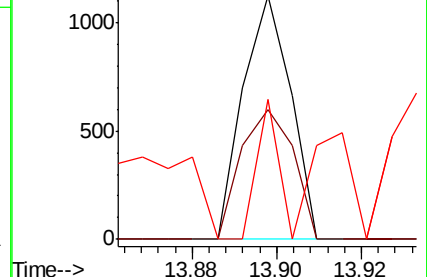
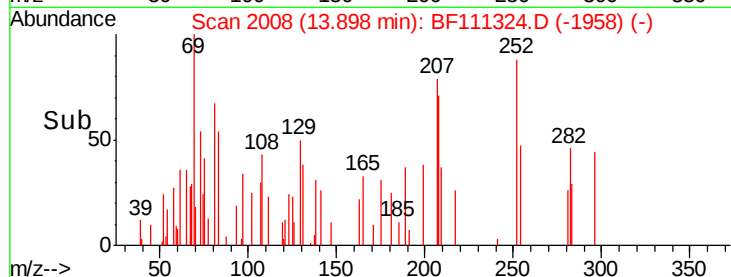
126 57.6 11.1 16.7#



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: 0.118 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.05 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

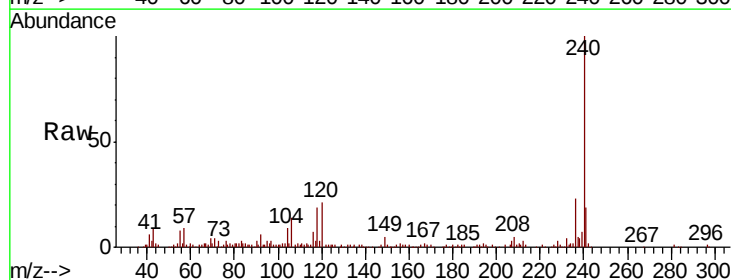
Tgt Ion:228 Resp: 4105

Ion Ratio Lower Upper

228 100

226 27.2 25.3 37.9

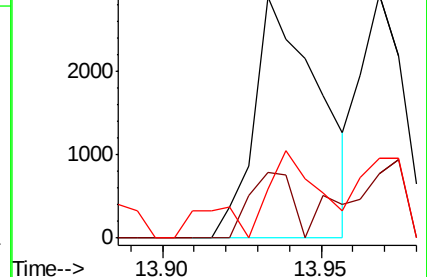
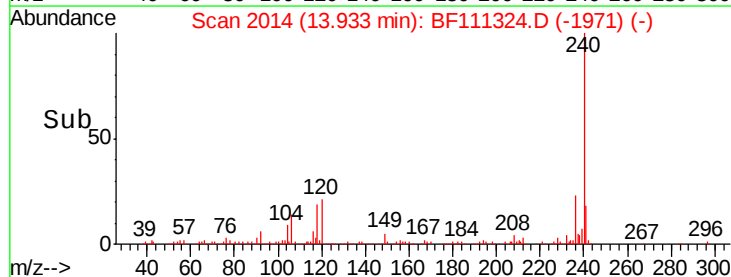
229 20.1 17.2 25.8

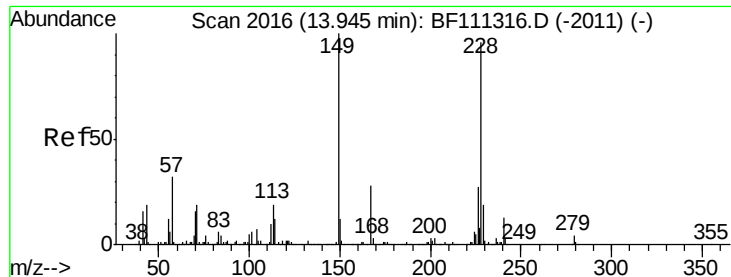


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.284 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampleId :

DW-9

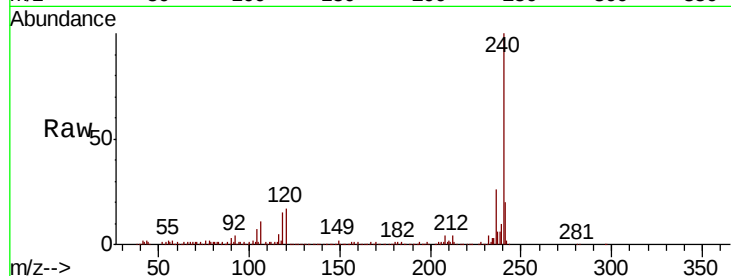
Tgt Ion:149 Resp: 7832

Ion Ratio Lower Upper

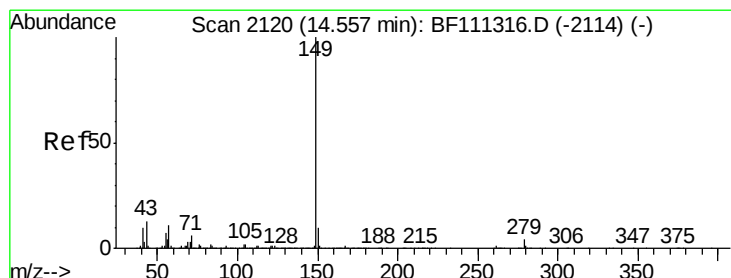
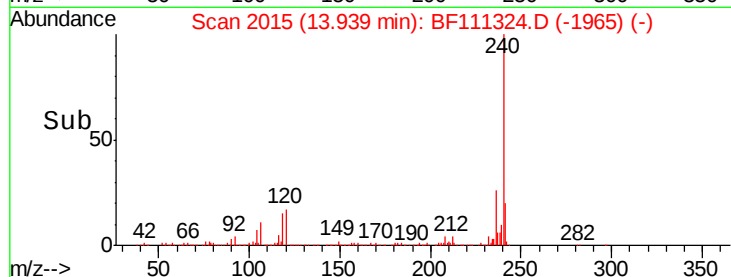
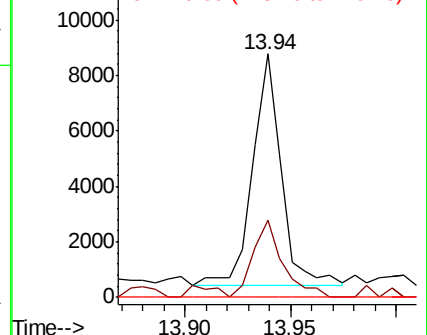
149 100

167 31.8 22.5 33.7

279 0.0 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: 0.008 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

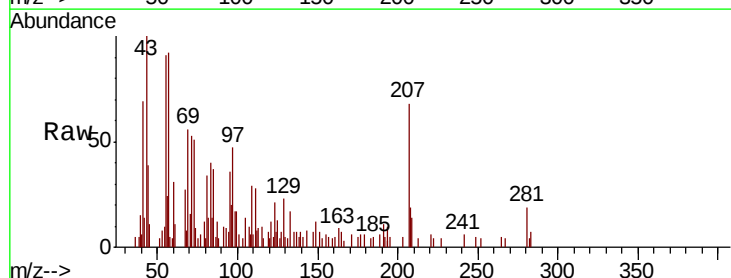
Tgt Ion:149 Resp: 350

Ion Ratio Lower Upper

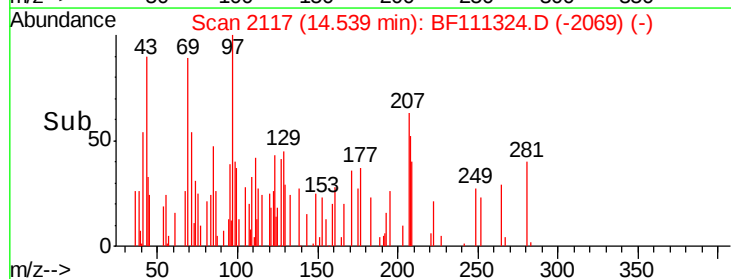
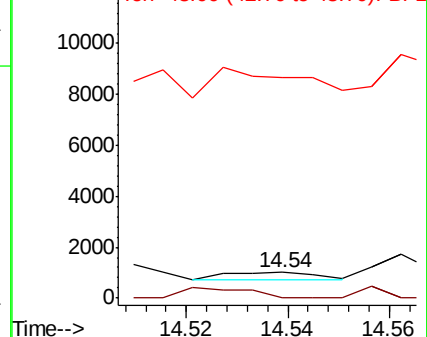
149 100

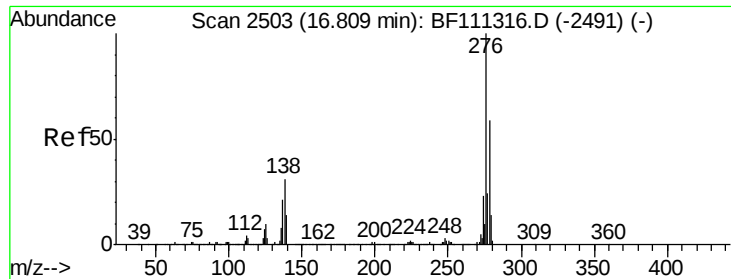
167 106.0 1.3 1.9#

43 404.6 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

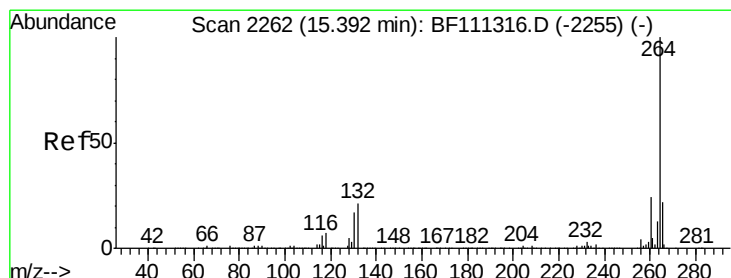
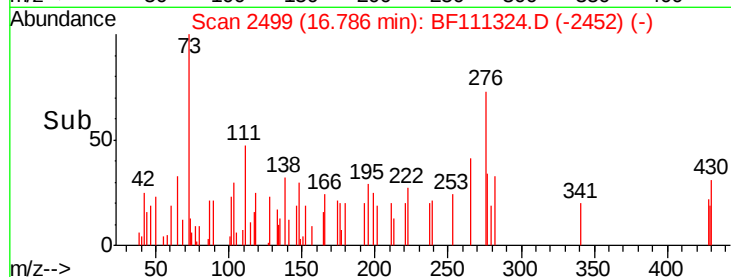
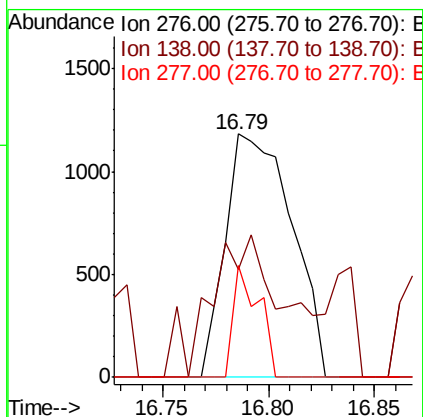
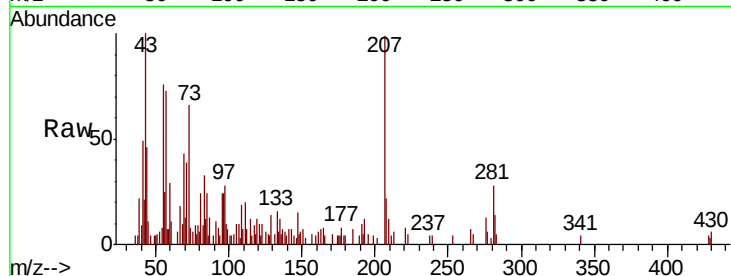




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.095 ng
 RT: 16.79 min Scan# 2499
 Delta R.T. -0.02 min
 Lab File: BF111324.D
 Acq: 12 Dec 2018 16:31

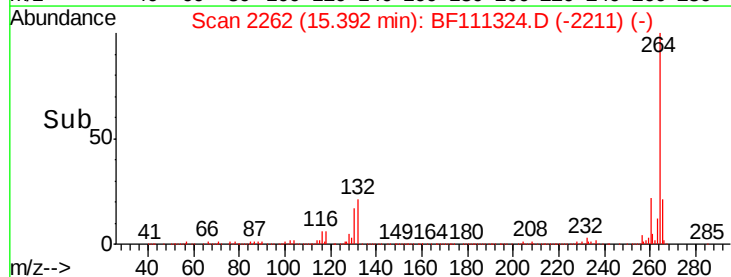
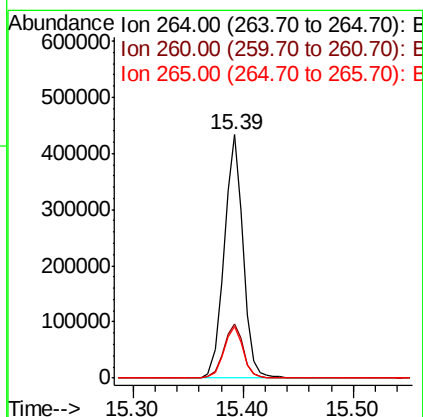
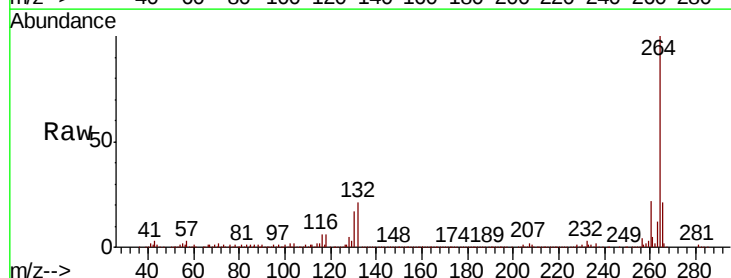
Instrument :
 BNA_F
 ClientSampleId :
 DW-9

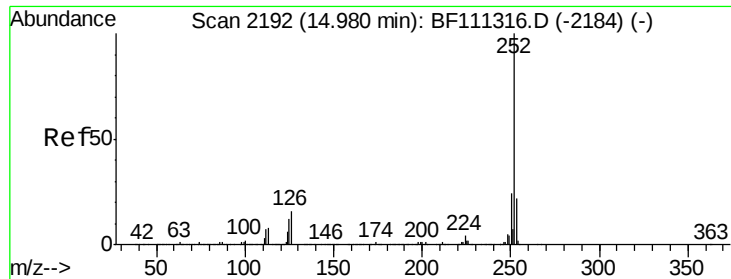
Tgt Ion: 276 Resp: 2585
 Ion Ratio Lower Upper
 276 100
 138 65.1 27.8 41.6#
 277 17.4 20.1 30.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BF111324.D
 Acq: 12 Dec 2018 16:31

Tgt Ion: 264 Resp: 518533
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.3 27.5
 265 21.1 17.7 26.5

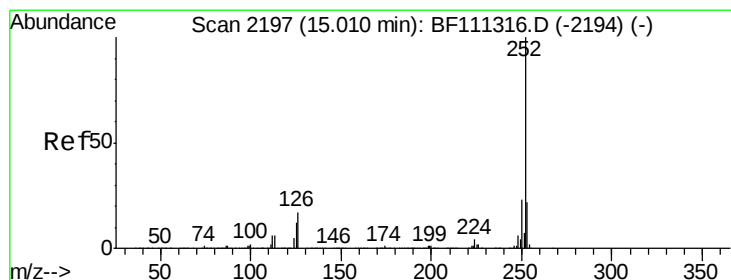
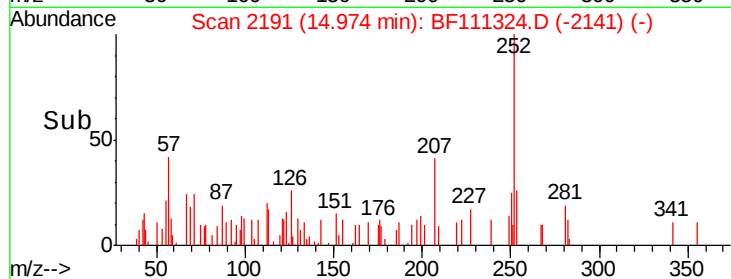
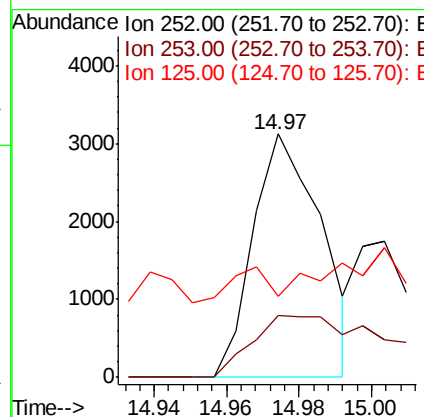
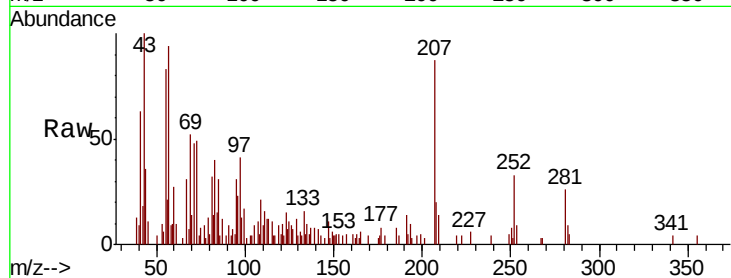




#88
Benzo(b)fluoranthene
Concen: 0.138 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

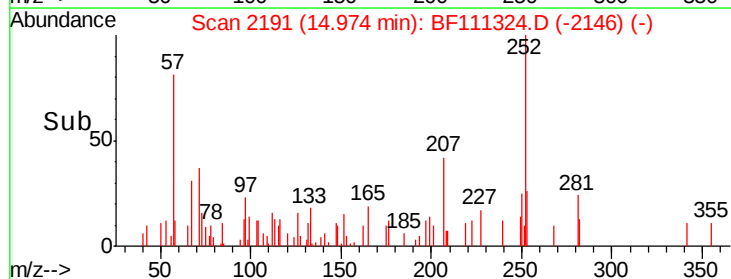
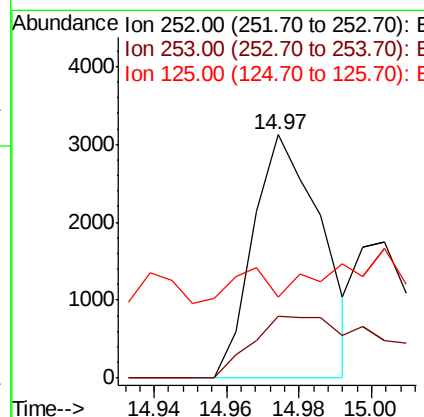
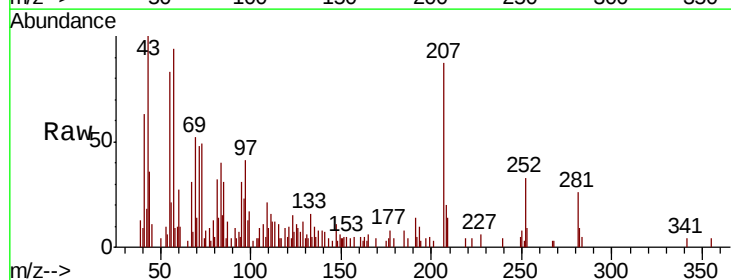
Instrument :
BNA_F
ClientSampleId :
DW-9

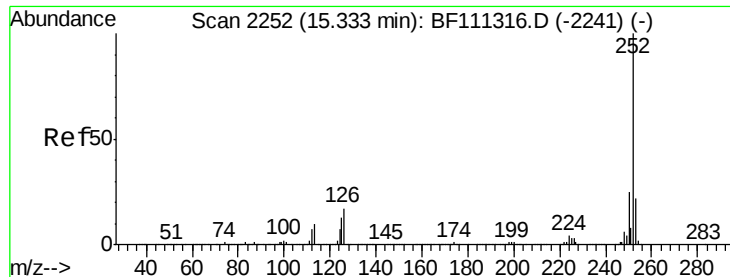
Tgt Ion:252 Resp: 4068
Ion Ratio Lower Upper
252 100
253 25.6 18.2 27.2
125 33.4 10.4 15.6#



#89
Benzo(k)fluoranthene
Concen: 0.138 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion:252 Resp: 4068
Ion Ratio Lower Upper
252 100
253 25.6 18.1 27.1
125 33.4 9.8 14.8#





#90

Benzo(a)pyrene

Concen: 0.102 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampleId :

DW-9

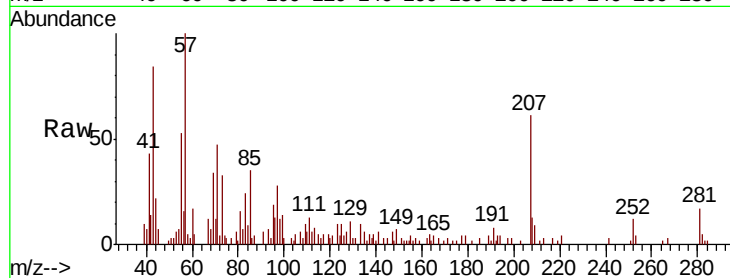
Tgt Ion: 252 Resp: 2810

Ion Ratio Lower Upper

252 100

253 36.4 17.8 26.8#

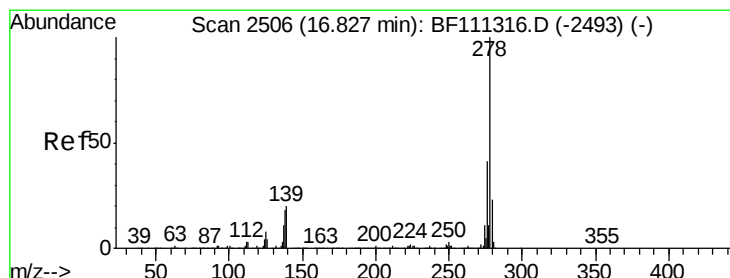
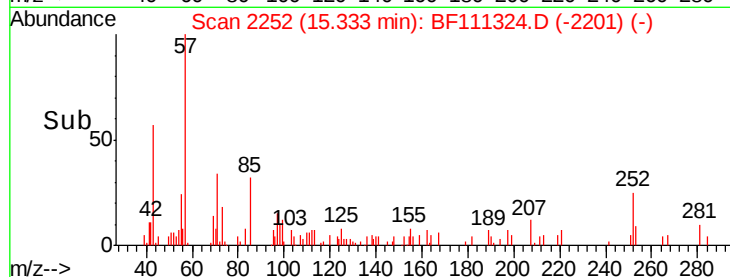
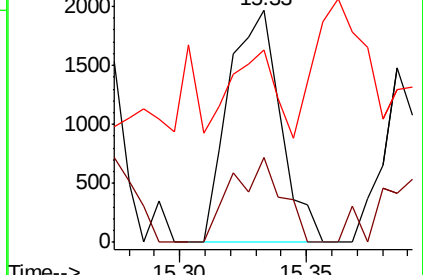
125 83.0 12.3 18.5#



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: 0.006 ng

RT: 16.80 min Scan# 2502

Delta R.T. -0.02 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

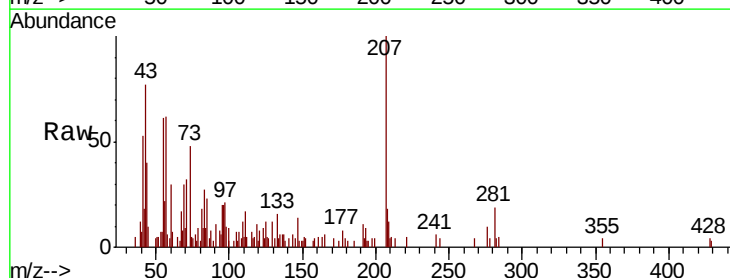
Tgt Ion: 278 Resp: 131

Ion Ratio Lower Upper

278 100

139 0.0 18.2 27.4#

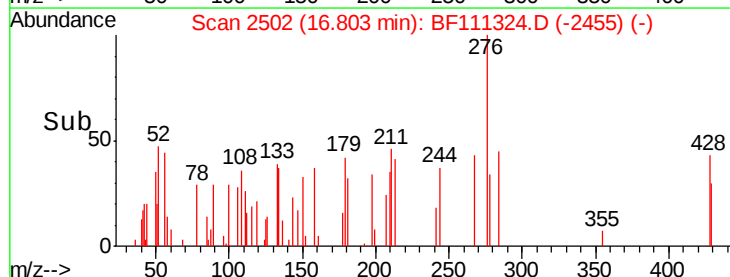
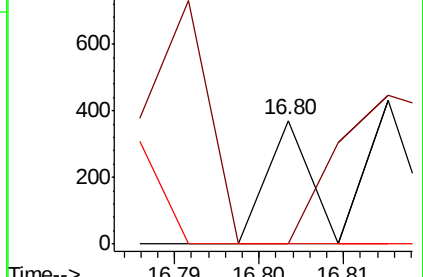
279 0.0 19.0 28.6#

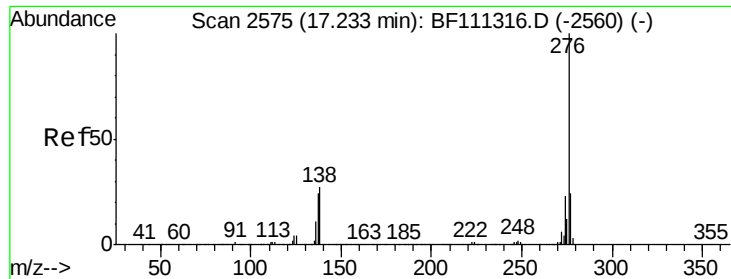


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.122 ng

RT: 17.22 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

ClientSampleId :

DW-9

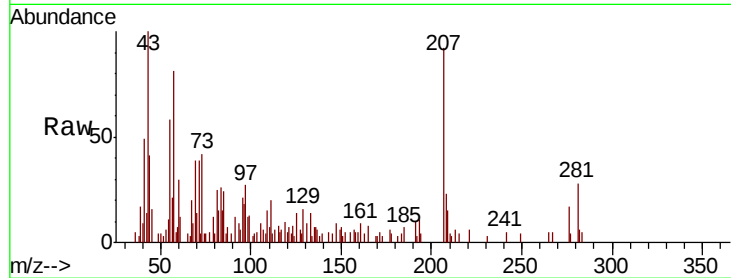
Tgt Ion: 276 Resp: 2797

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 19.0 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

