

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103222.D
 Acq On : 26 Feb 2018 17:32
 Operator : SJ/JU
 Sample : J1395-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 00:04:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	154578	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	631790	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	266904	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	419100	20.00	ng	0.00
75) Chrysene-d12	14.04	240	265349	20.00	ng	0.00
86) Perylene-d12	15.55	264	288794	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	986452	96.52	ng	0.00
7) Phenol-d6	6.50	99	1182607	94.56	ng	0.00
23) Nitrobenzene-d5	7.43	82	758161	68.53	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	216249	95.72	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1176643	73.52	ng	0.00
78) Terphenyl-d14	12.98	244	827143	74.93	ng	0.00

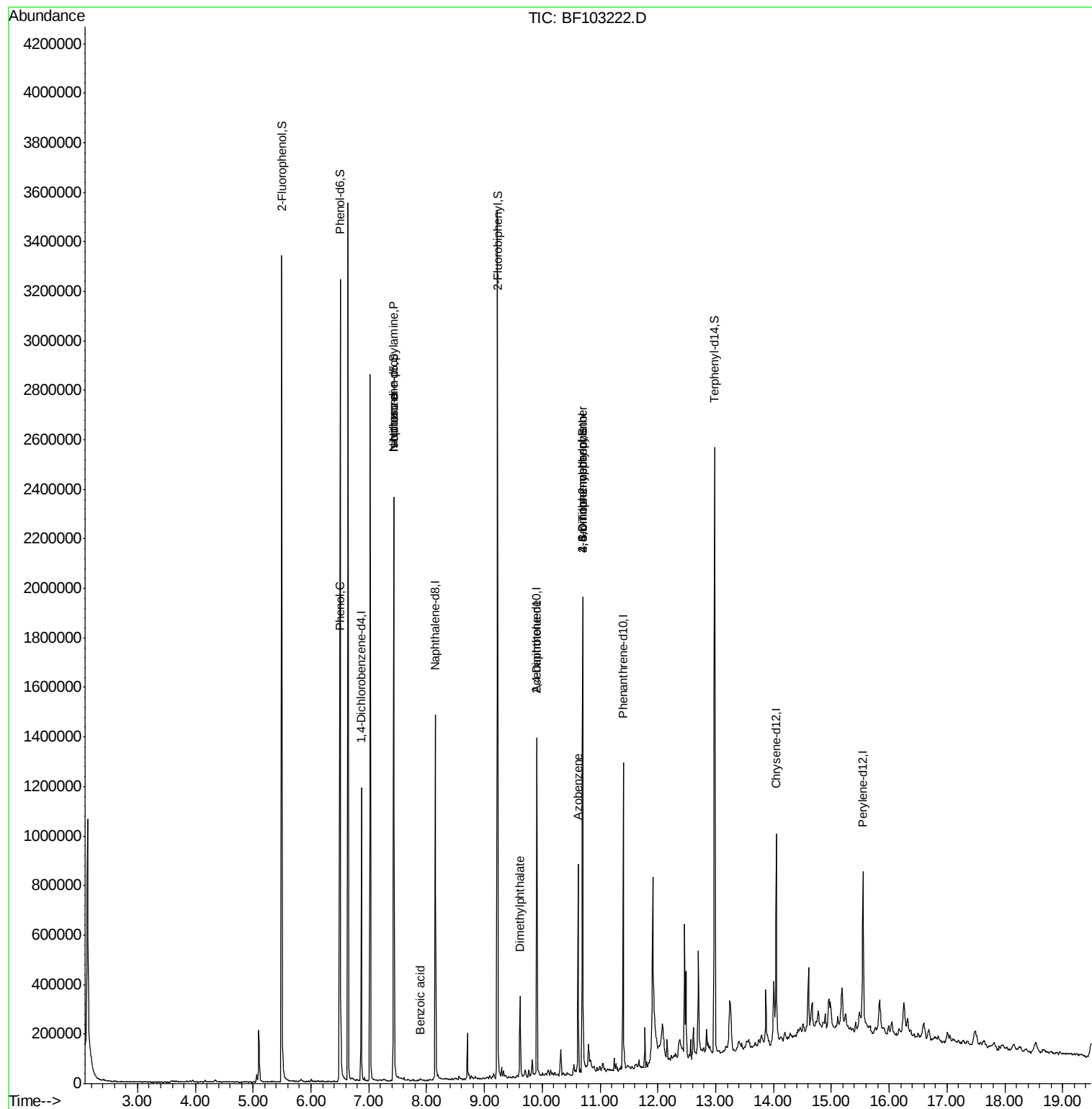
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	29612	2.04	ng	90
19) n-Nitroso-di-n-propylamine	7.43	70	102306	13.14	ng	# 78
25) Isophorone	7.43	82	758149	34.80	ng	# 64
32) Benzoic acid	7.89	122	1027	7.05	ng	93
49) Dimethylphthalate	9.62	163	106667	4.98	ng	99
56) 2,4-Dinitrotoluene	9.90	165	34630	6.09	ng	# 23
62) Azobenzene	10.62	77	165798	7.95	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.70	198	497	5.12	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	14495	3.32	ng	# 1

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

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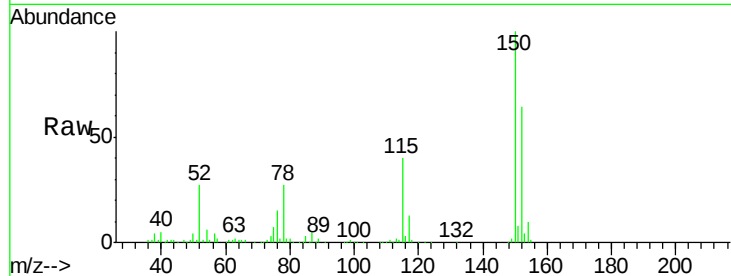


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103222.D
Acq: 26 Feb 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	62.8	50.1	75.1

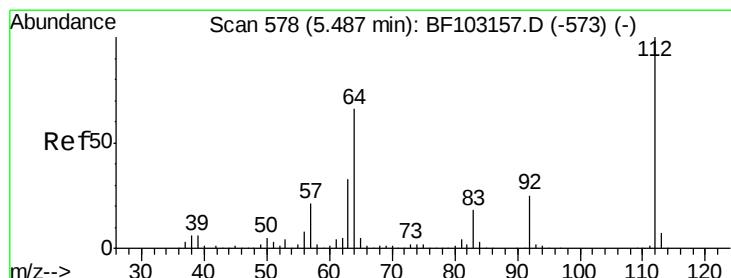
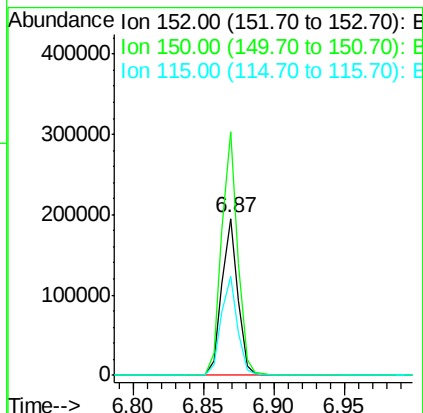
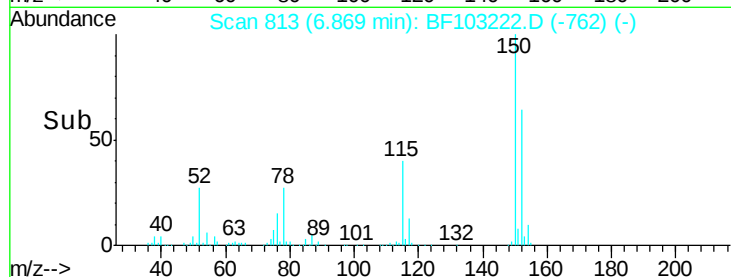


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

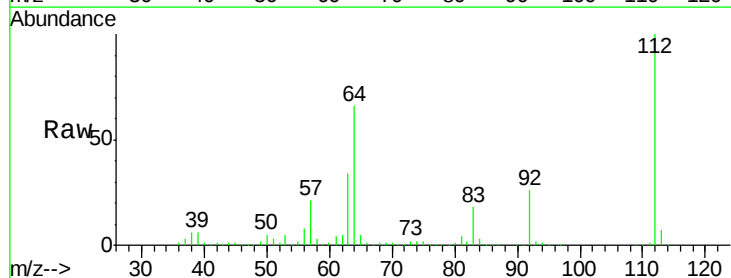
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.52 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103222.D
Acq: 26 Feb 2018 17:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	47.9	71.9
63	33.9	23.7	35.5

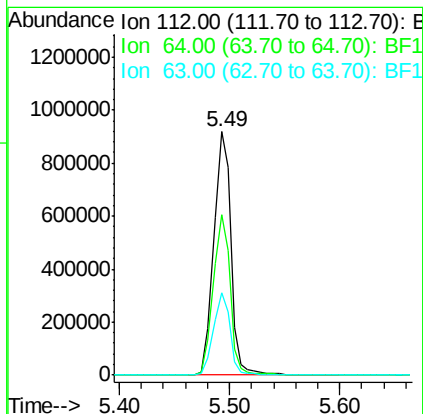
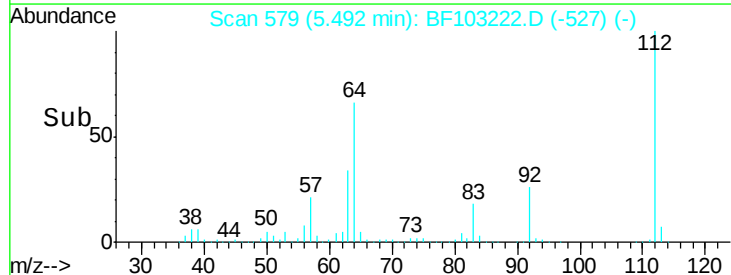


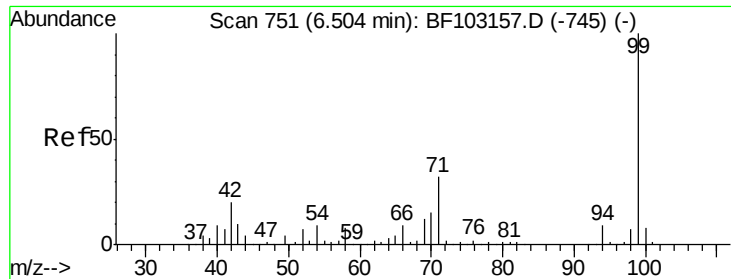
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.56 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103222.D

Acq: 26 Feb 2018 17:32

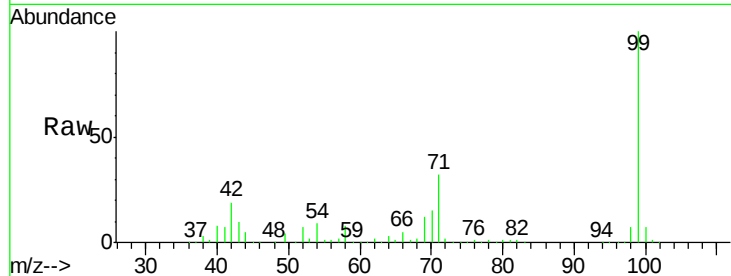
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1182607

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	32.4	25.4	38.0

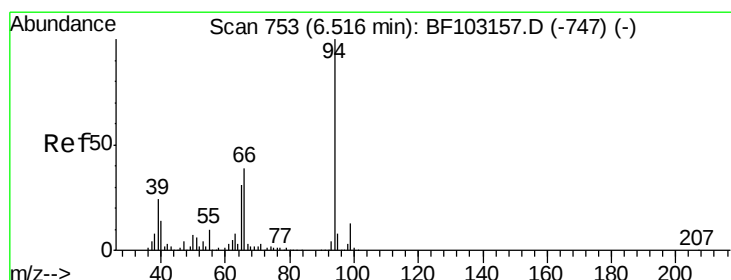
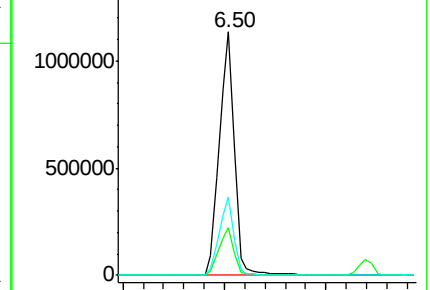
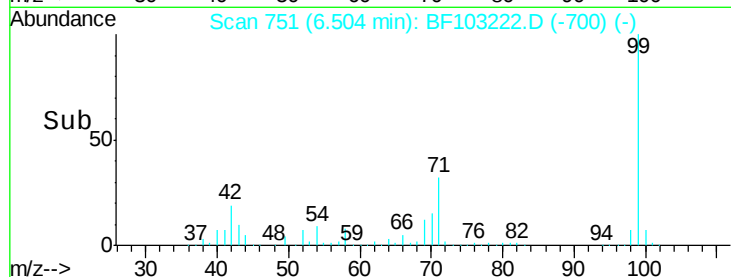


Abundance

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



#10

Phenol

Concen: 2.04 ng

RT: 6.52 min Scan# 753

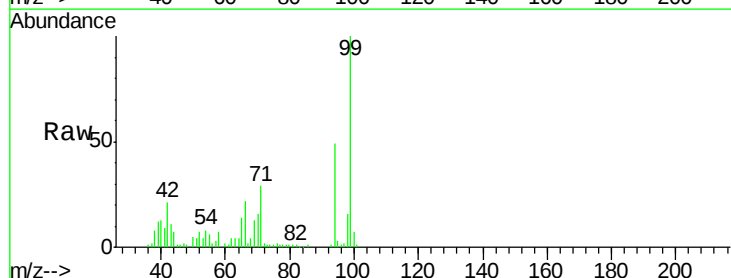
Delta R.T. -0.00 min

Lab File: BF103222.D

Acq: 26 Feb 2018 17:32

Tgt Ion: 94 Resp: 29612

Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	45.3	16.2	56.2

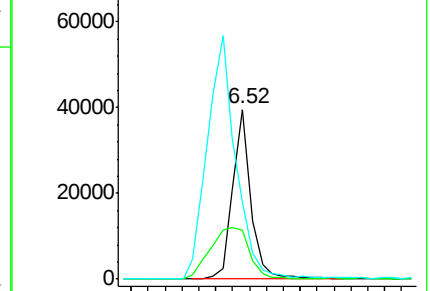
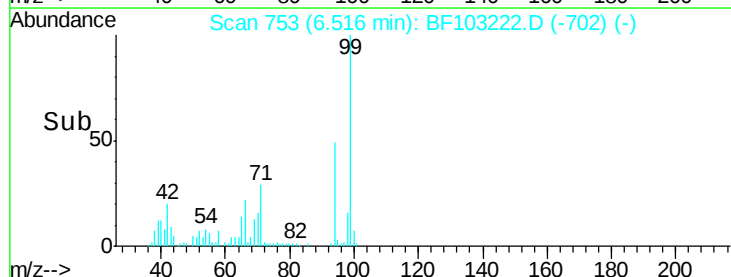


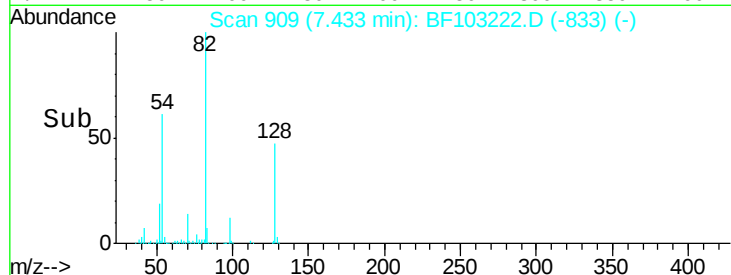
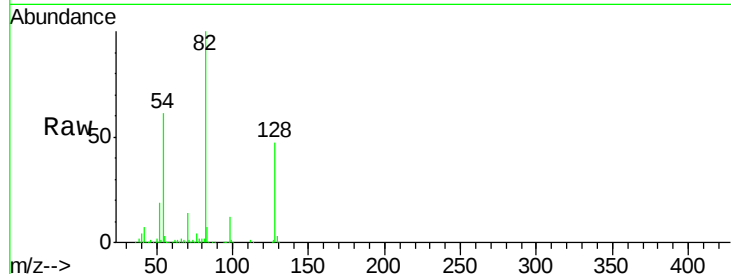
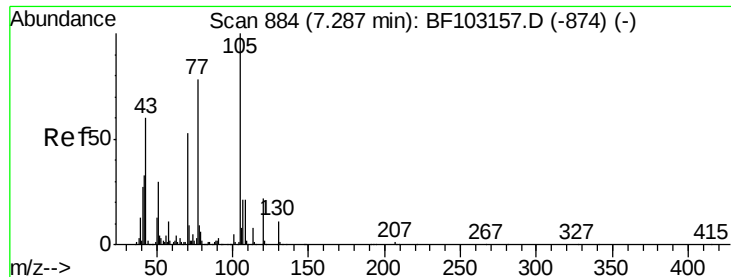
Abundance

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

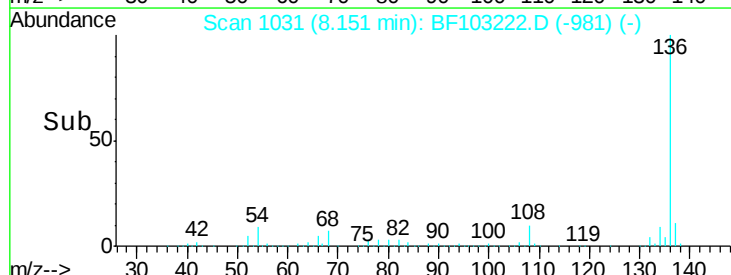
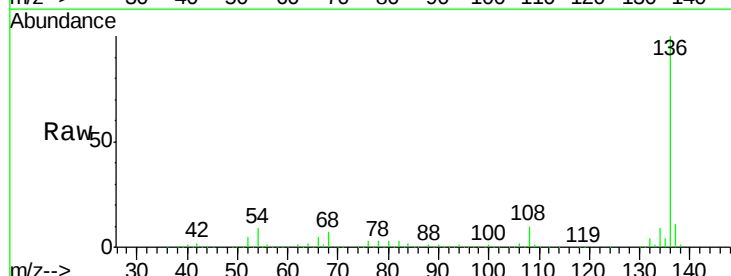
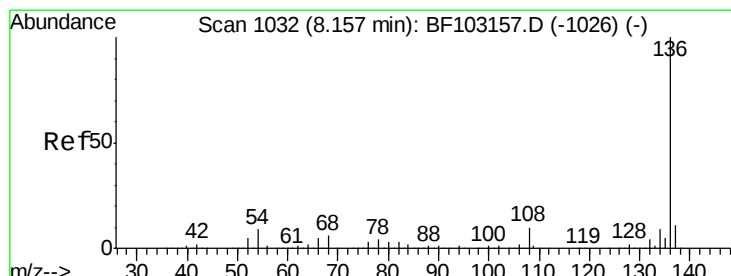
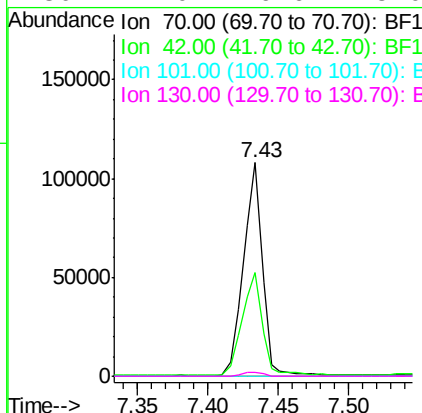




#19
n-Nitroso-di-n-propylamine
Concen: 13.14 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF103222.D
Acq: 26 Feb 2018 17:32

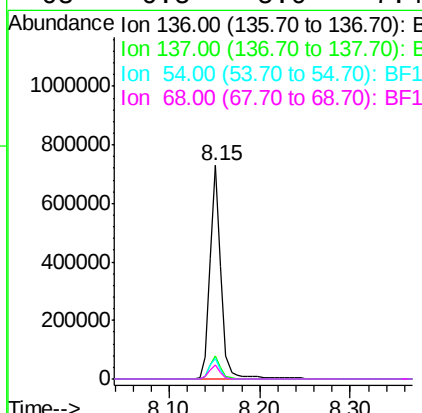
Instrument :
BNA_F
ClientSampleId :

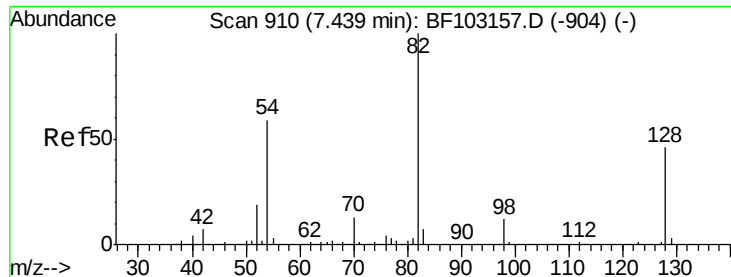
Tot Ion: 70 Resp: 102306
Ion Ratio Lower Upper
70 100
42 48.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103222.D
Acq: 26 Feb 2018 17:32

Tgt Ion: 136 Resp: 631790
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.4 6.6 9.8
68 6.5 5.0 7.4

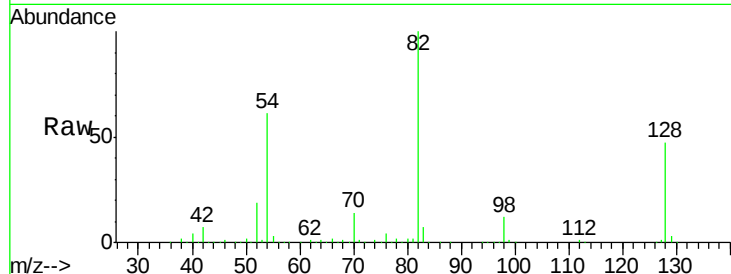




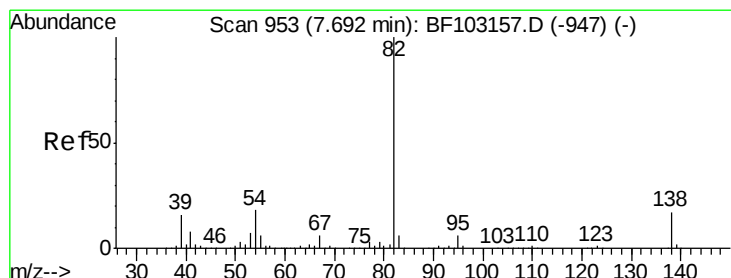
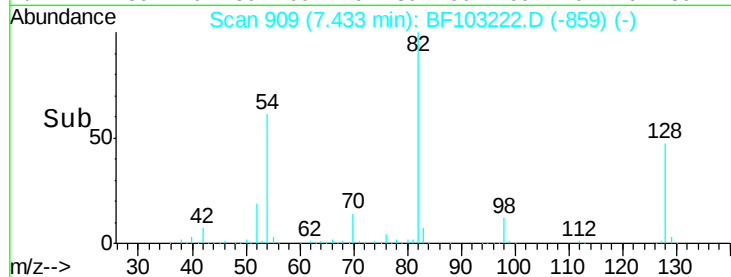
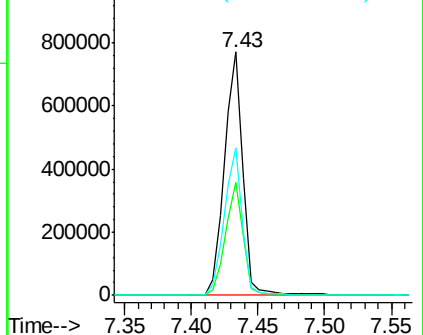
#23
 Nitrobenzene-d5
 Concen: 68.53 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103222.D
 Acq: 26 Feb 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 758161
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 60.7 41.4 62.2

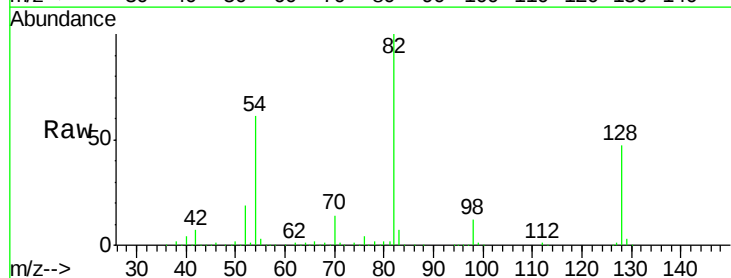


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

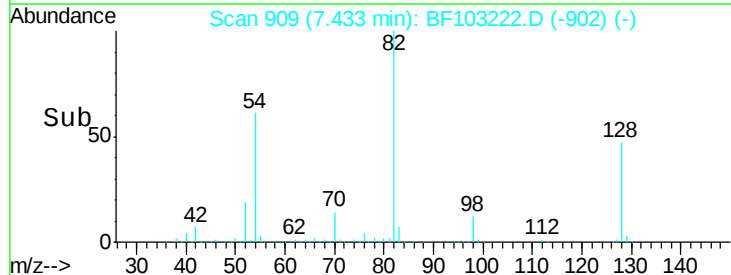
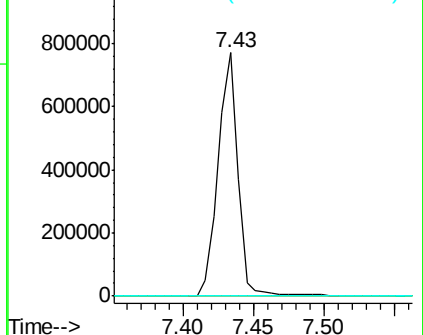


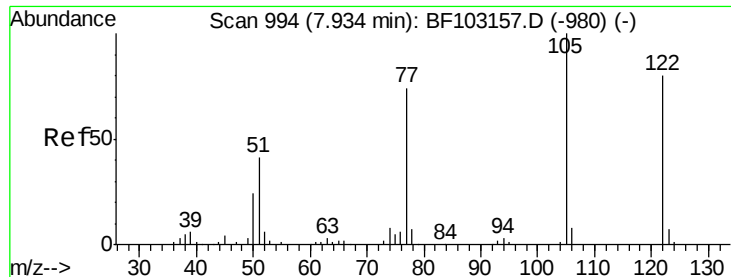
#25
 Isophorone
 Concen: 34.80 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.26 min
 Lab File: BF103222.D
 Acq: 26 Feb 2018 17:32

Tgt Ion: 82 Resp: 758149
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.2 7.8#
 138 0.0 14.9 22.3#



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





#32

Benzoic acid

Concen: 7.05 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.05 min

Lab File: BF103222.D

Acq: 26 Feb 2018 17:32

Instrument :

BNA_F

ClientSampleId :

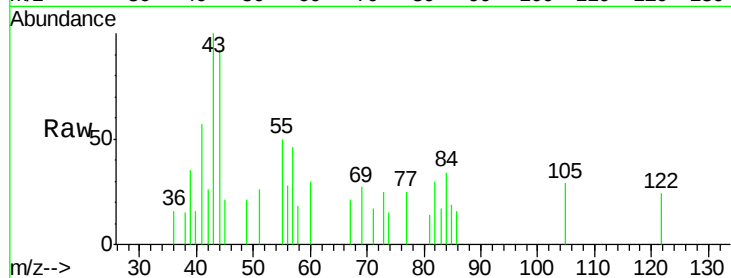
Tot Ion:122 Resp: 1027

Ion Ratio Lower Upper

122 100

105 120.2 101.1 141.1

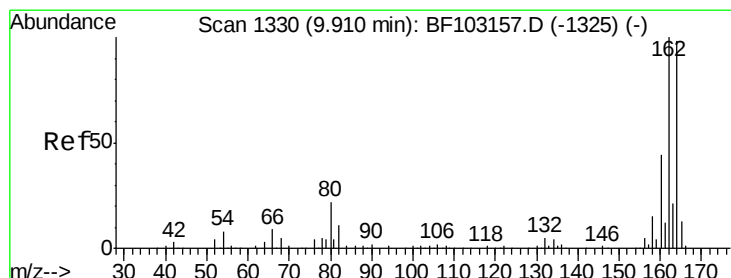
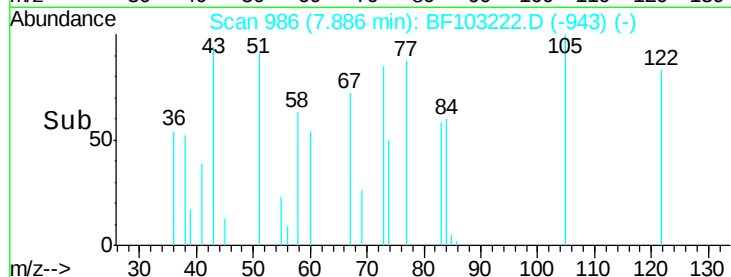
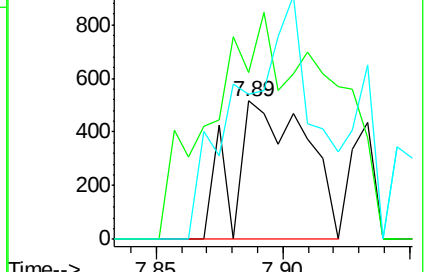
77 105.0 70.7 110.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103222.D

Acq: 26 Feb 2018 17:32

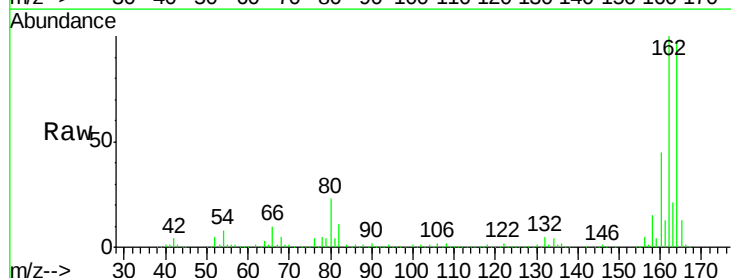
Tgt Ion:164 Resp: 266904

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

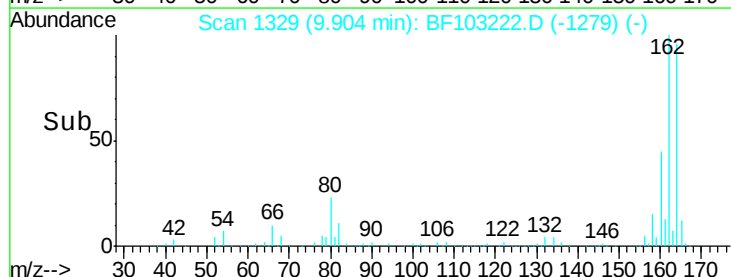
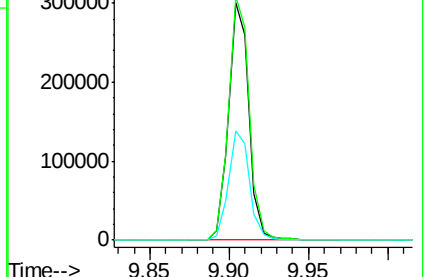
160 46.0 38.3 57.5

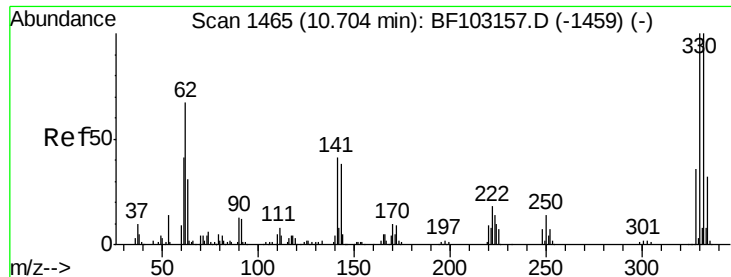


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

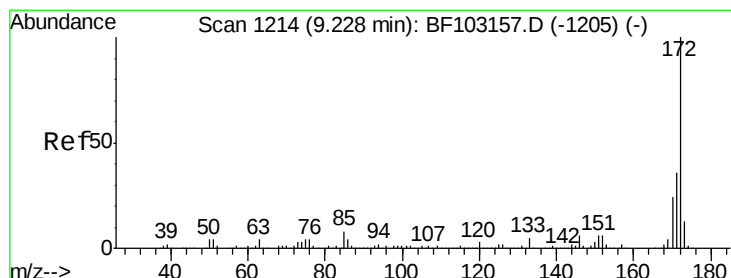
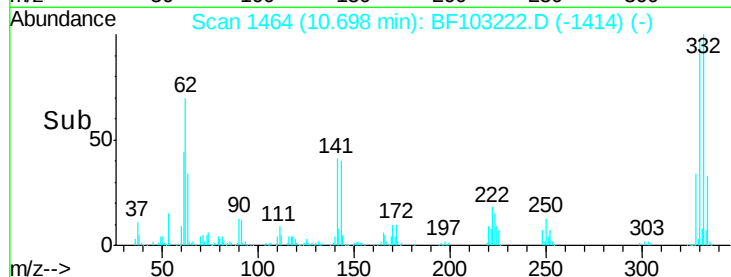
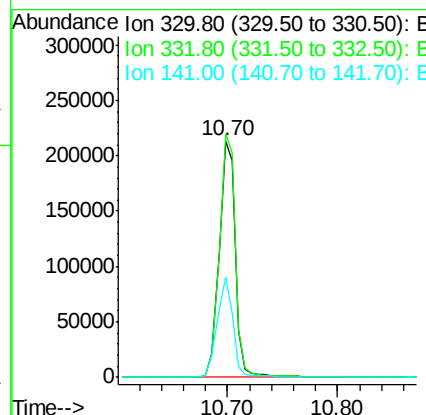
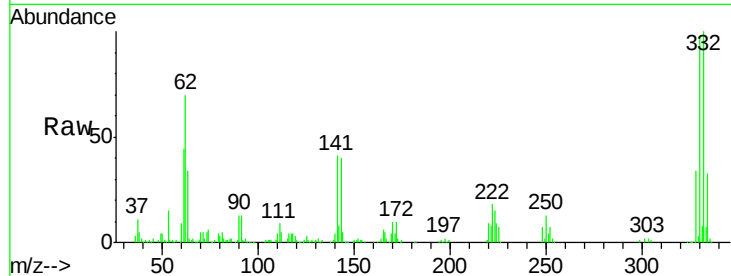




#41
 2,4,6-Tribromophenol
 Concen: 95.72 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103222.D
 Acq: 26 Feb 2018 17:32

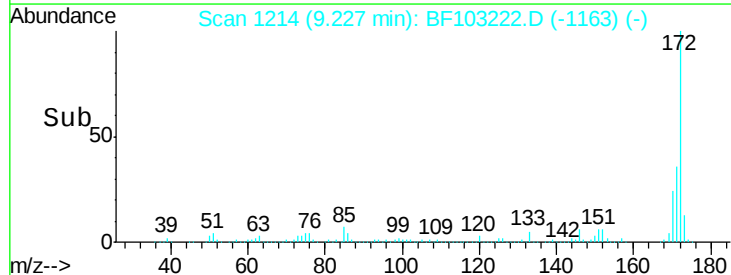
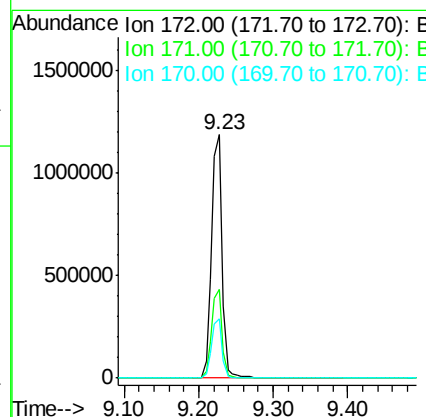
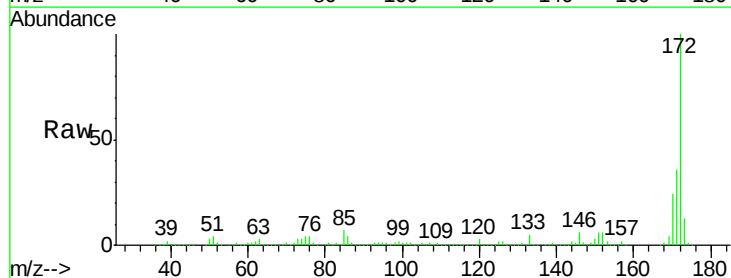
Instrument :
 BNA_F
 ClientSampled :

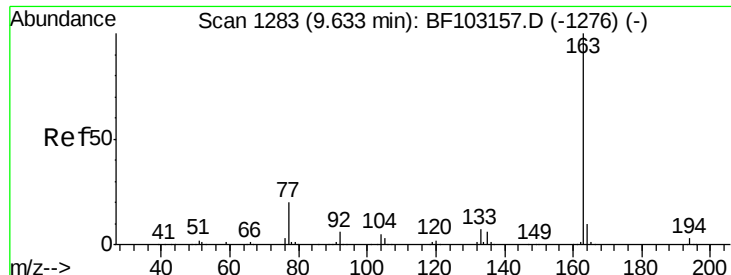
Tot Ion:330 Resp: 216249
 Ion Ratio Lower Upper
 330 100
 332 102.4 77.0 115.6
 141 41.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 73.52 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103222.D
 Acq: 26 Feb 2018 17:32

Tgt Ion:172 Resp: 1176643
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.2 19.6 29.4

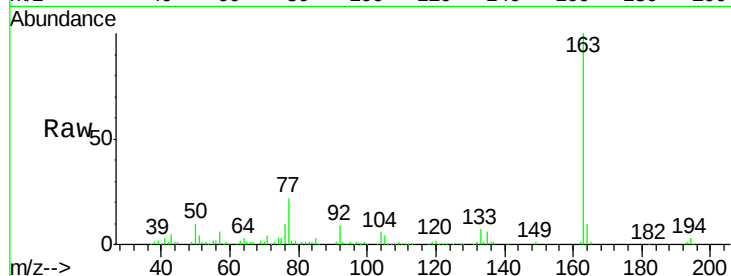




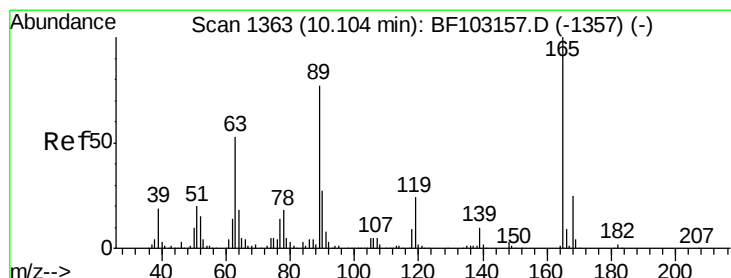
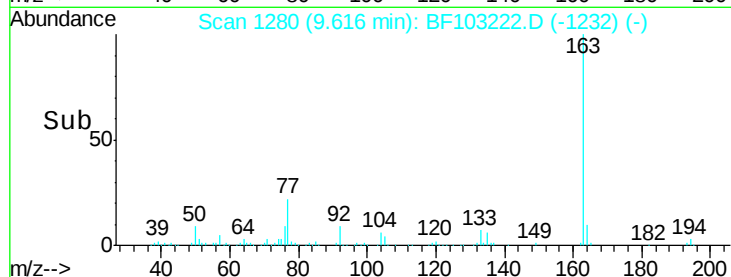
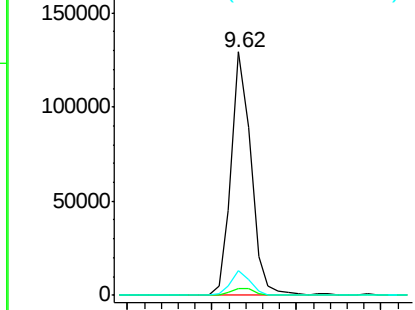
#49
Dimethylphthalate
Concen: 4.98 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF103222.D
Acq: 26 Feb 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.7	4.1
164	9.9	8.2	12.2

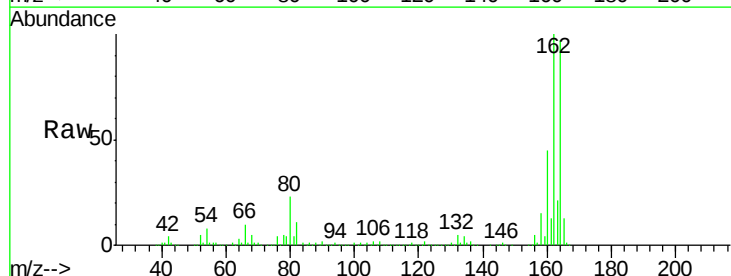


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

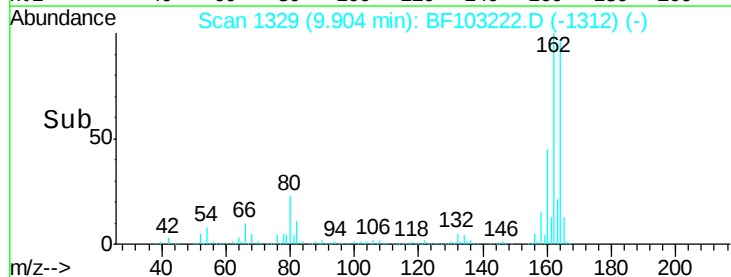
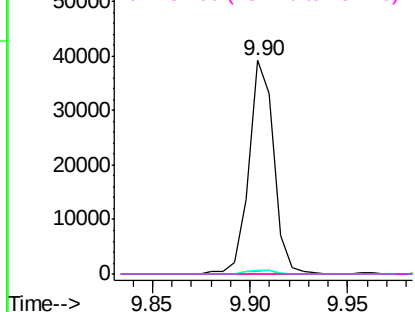


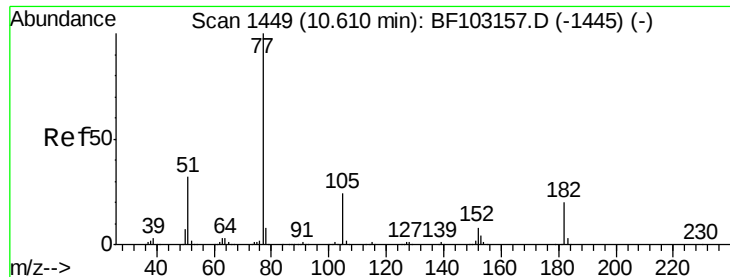
#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.20 min
Lab File: BF103222.D
Acq: 26 Feb 2018 17:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#62

Azobenzene

Concen: 7.95 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF103222.D

Acq: 26 Feb 2018 17:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 165798

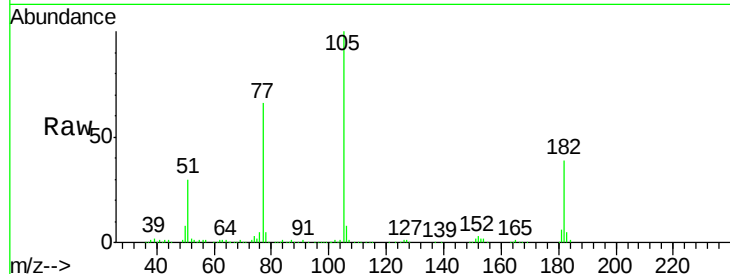
Ion Ratio Lower Upper

77 100

182 59.5 1.7 41.7#

105 152.1 3.0 43.0#

51 45.1 9.9 49.9

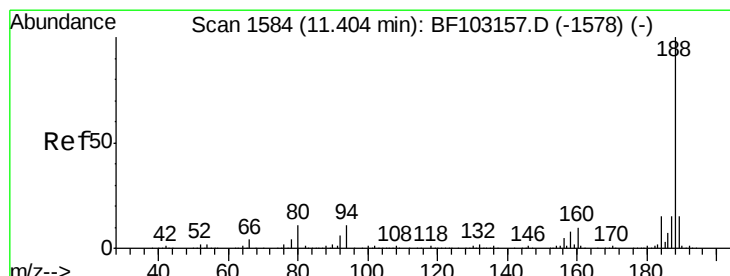
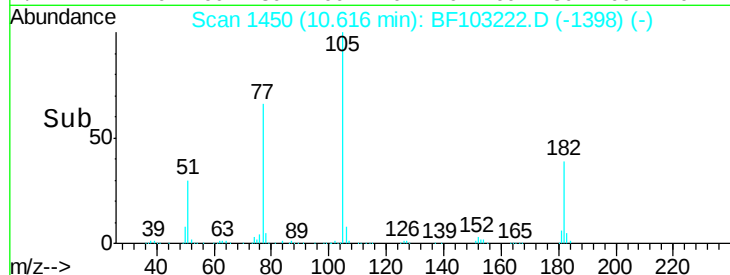
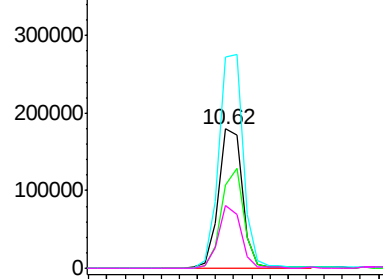


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103222.D

Acq: 26 Feb 2018 17:32

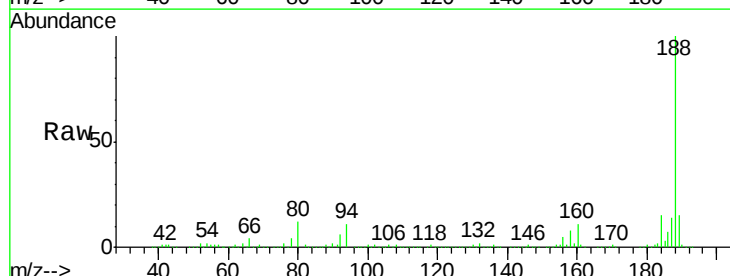
Tgt Ion: 188 Resp: 419100

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

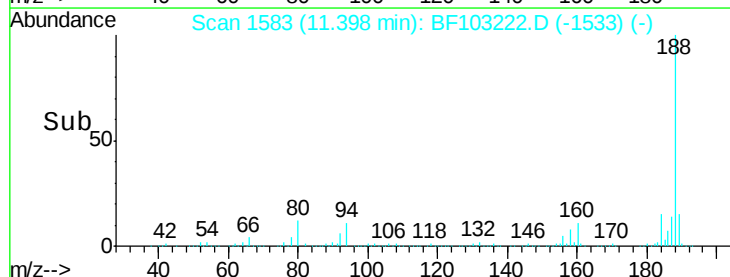
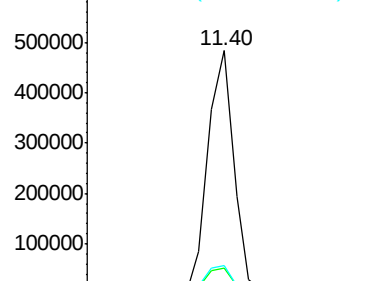
80 11.7 9.2 13.8

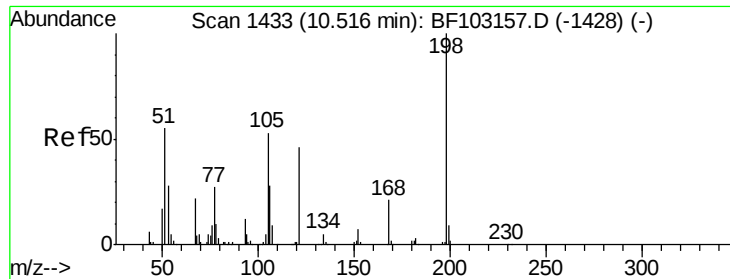


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 5.12 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.18 min

Lab File: BF103222.D

Acq: 26 Feb 2018 17:32

Instrument :

BNA_F

ClientSampled :

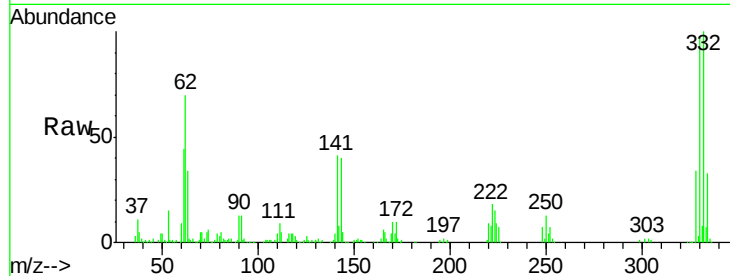
Tot Ion:198 Resp: 497

Ion Ratio Lower Upper

198 100

51 246.0 37.7 77.7#

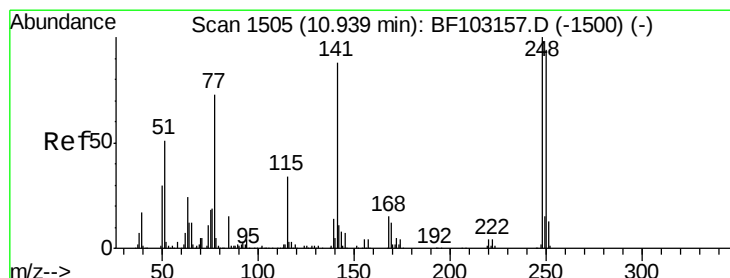
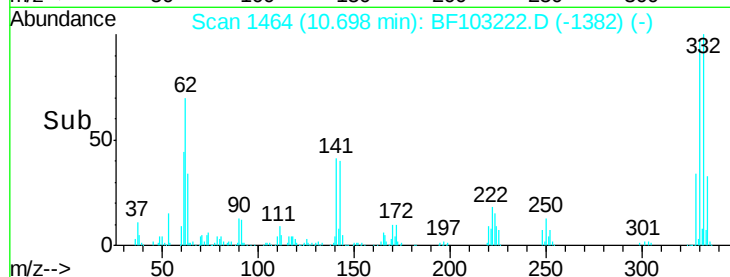
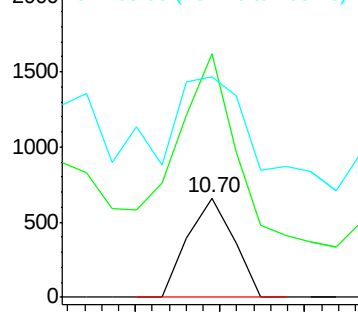
105 222.3 36.3 76.3#



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

4-Bromophenyl-phenylether

Concen: 3.32 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.24 min

Lab File: BF103222.D

Acq: 26 Feb 2018 17:32

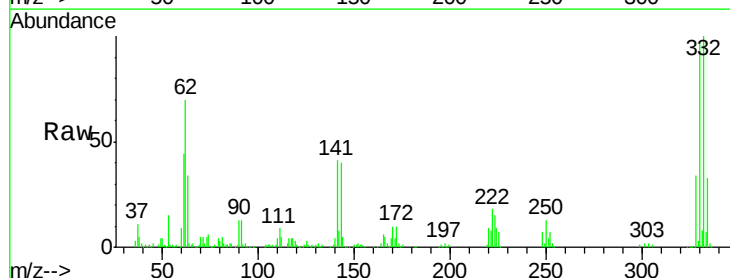
Tgt Ion:248 Resp: 14495

Ion Ratio Lower Upper

248 100

250 194.0 76.9 115.3#

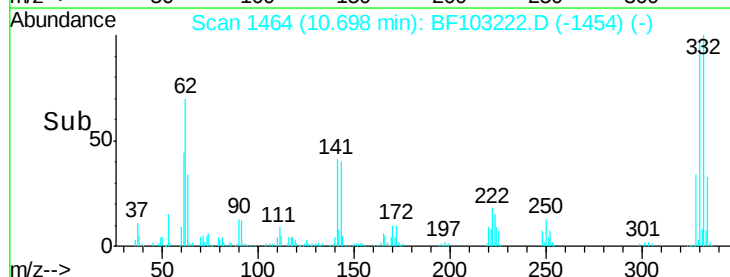
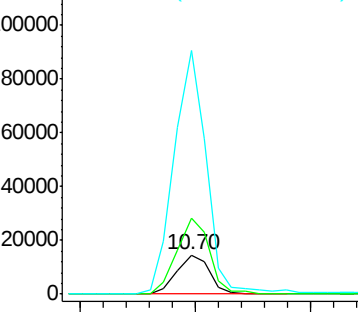
141 618.2 74.4 111.6#

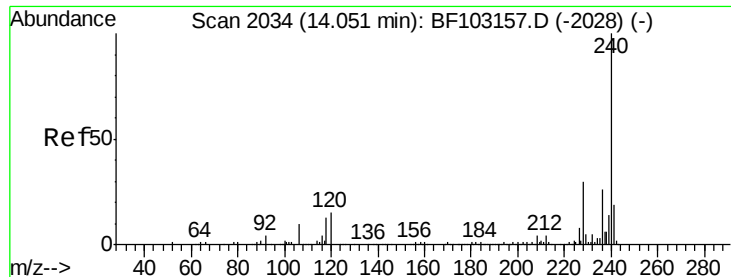


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103222.D

Acq: 26 Feb 2018 17:32

Instrument :

BNA_F

ClientSampleId :

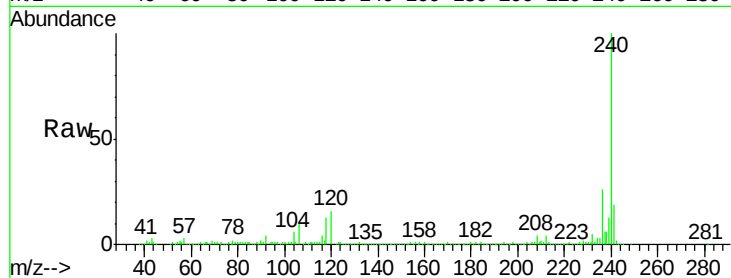
Tot Ion:240 Resp: 265349

Ion Ratio Lower Upper

240 100

120 16.5 9.5 14.3#

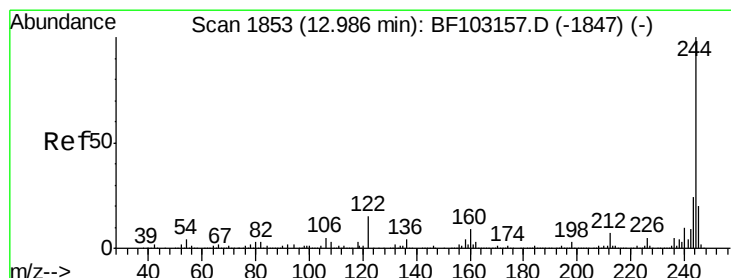
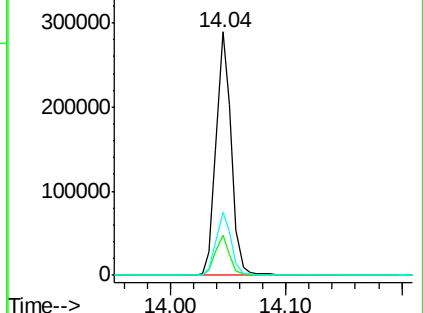
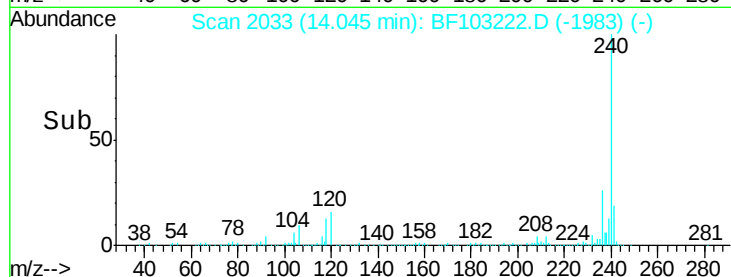
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 74.93 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103222.D

Acq: 26 Feb 2018 17:32

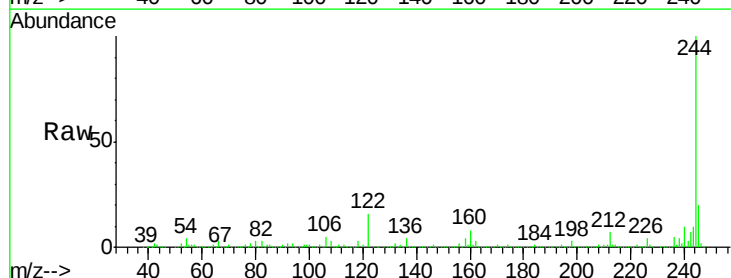
Tgt Ion:244 Resp: 827143

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

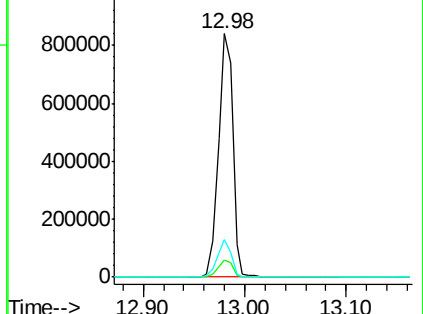
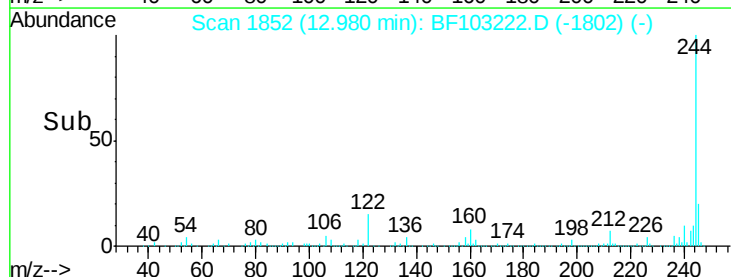
122 15.5 11.0 16.4

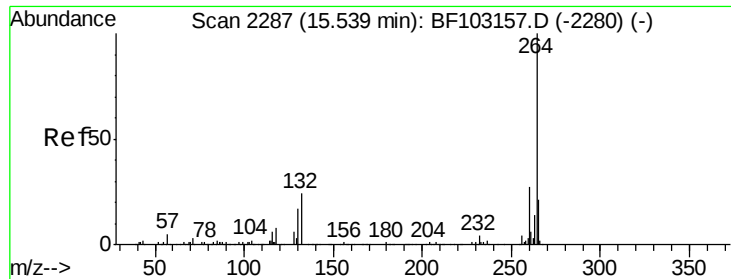


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF103222.D
Acq: 26 Feb 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.9	17.5	26.3

