

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103398.D
 Acq On : 3 Mar 2018 7:49
 Operator : SJ/JU
 Sample : J1751-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-030118-F

Quant Time: Mar 05 00:10:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

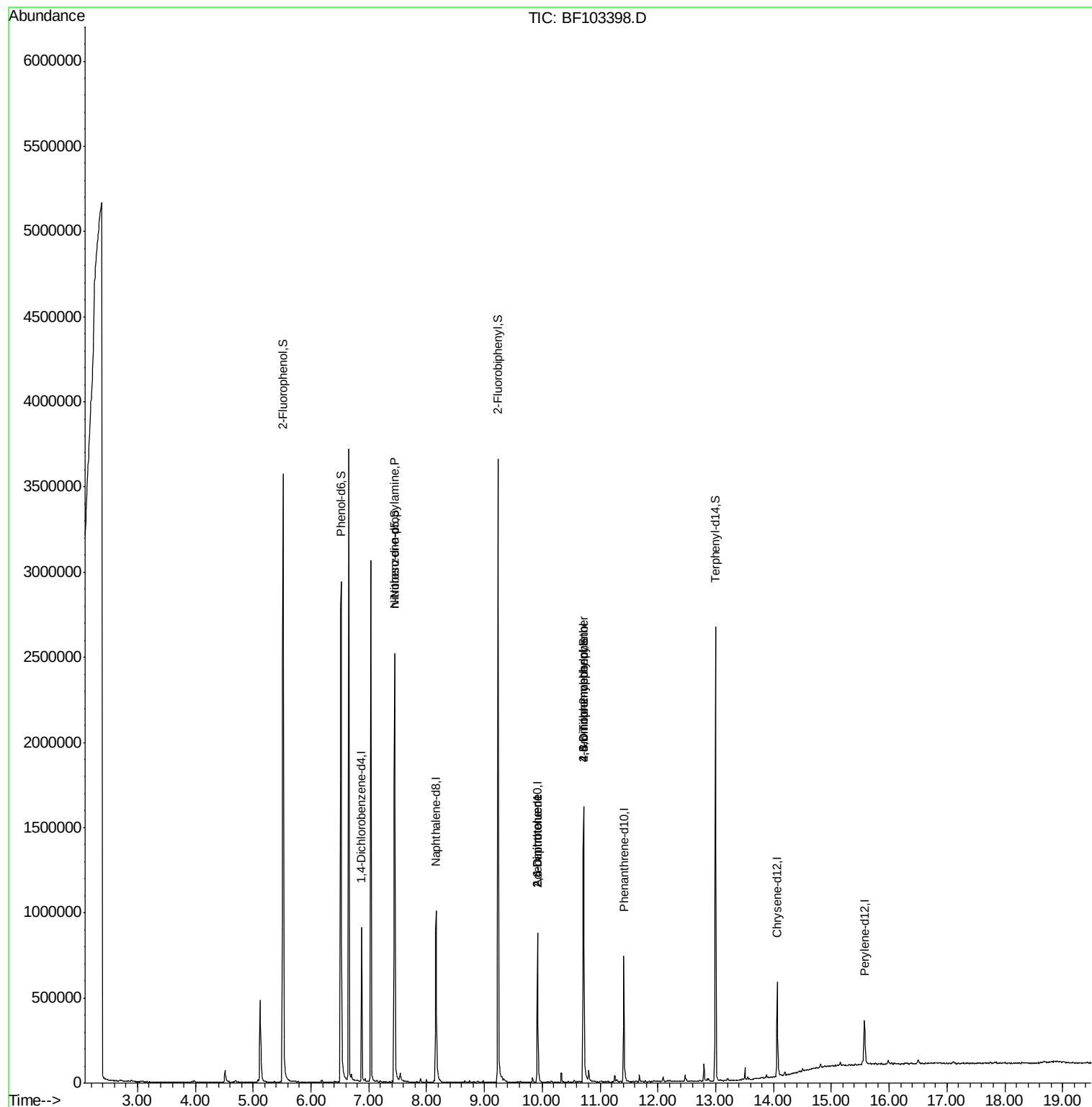
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	129252	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	527716	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	198373	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	291100	20.00	ng	0.00
75) Chrysene-d12	14.06	240	212282	20.00	ng	0.00
86) Perylene-d12	15.57	264	140134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1091174	127.68	ng	0.02
7) Phenol-d6	6.52	99	1196522	114.42	ng	0.00
23) Nitrobenzene-d5	7.45	82	864241	93.53	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	188777	112.43	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1269240	122.32	ng	0.00
78) Terphenyl-d14	13.00	244	905205	102.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	1902	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.45	70	118565	18.218	ng	# 83
50) 2,6-Dinitrotoluene	9.92	165	25384	7.601	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	25384	6.010	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	375	5.135	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	13705	4.520	ng	# 1

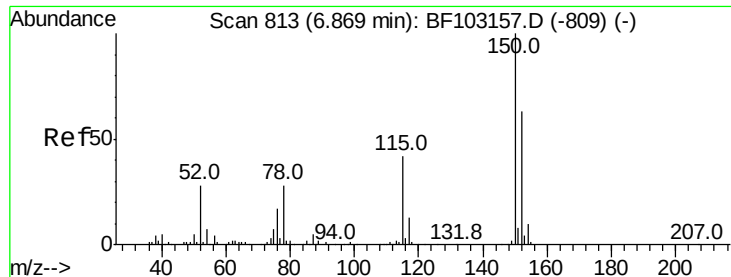
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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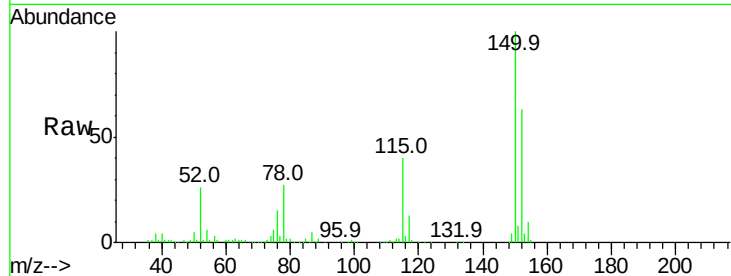


#1

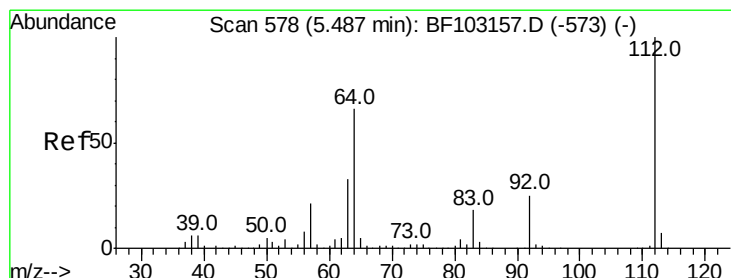
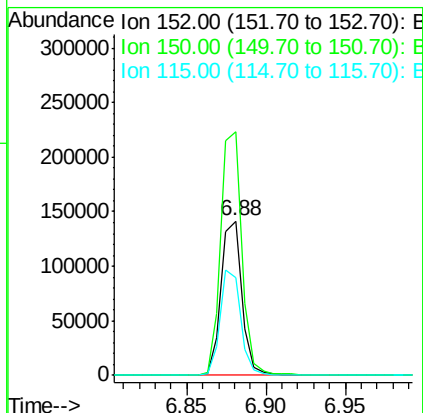
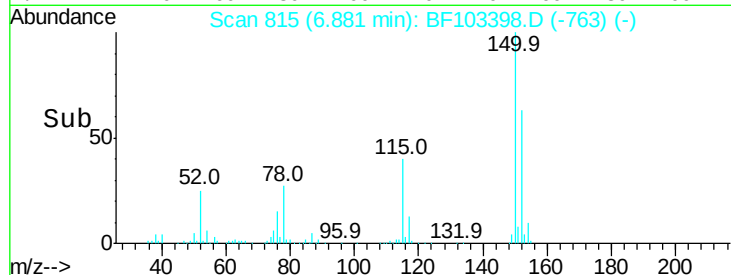
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tot Ion:152 Resp: 129252
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 63.1 50.1 75.1



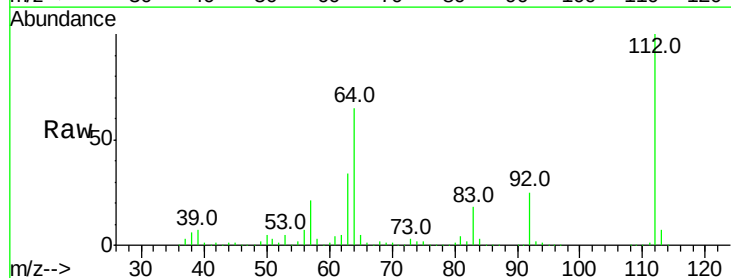
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



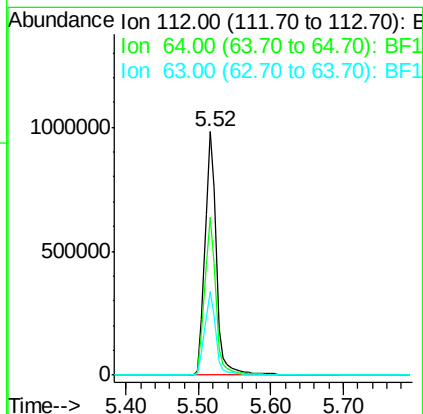
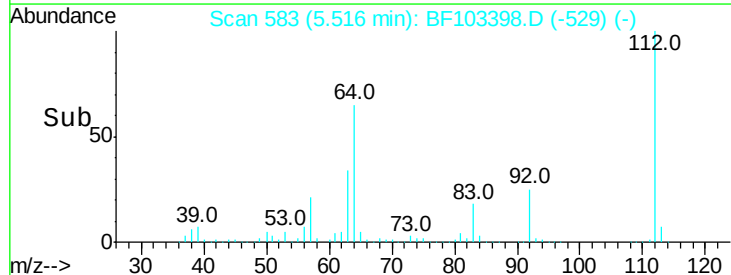
#5

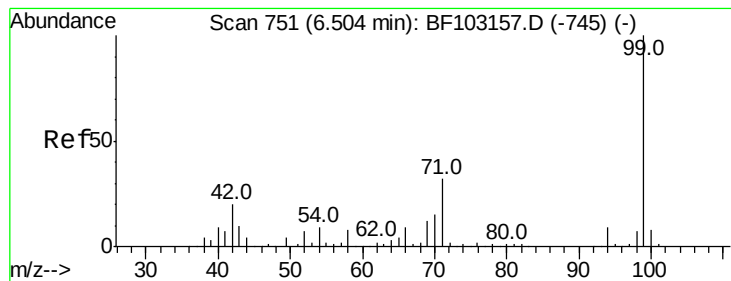
2-Fluorophenol
Concen: 127.683 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Tgt Ion:112 Resp: 1091174
Ion Ratio Lower Upper
112 100
64 65.1 47.9 71.9
63 34.2 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: 114.420 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103398.D

Acq: 3 Mar 2018 7:49

Instrument :

BNA_F

ClientSampleId :

JC-02-030118-F

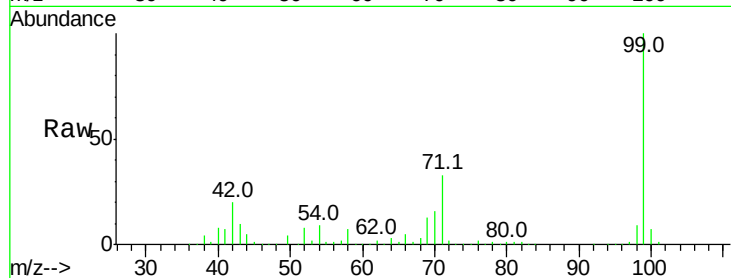
Tot Ion: 99 Resp: 1196522

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

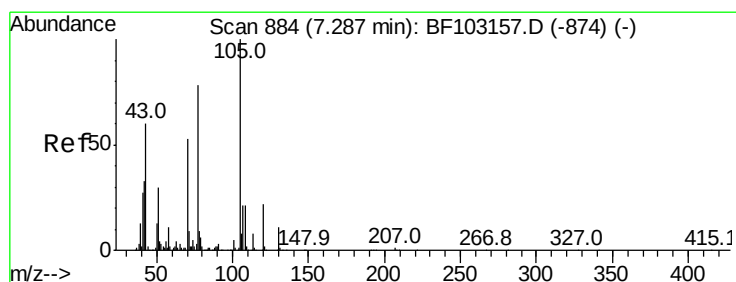
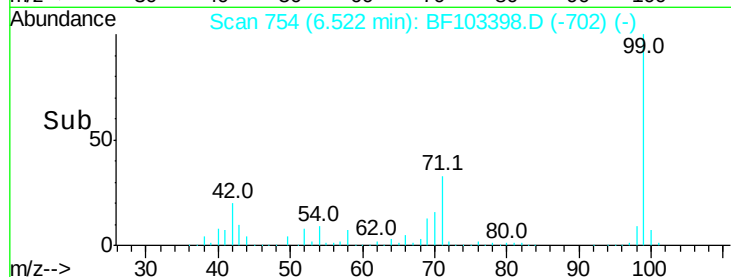
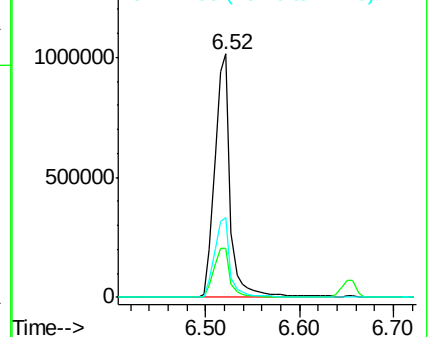
71 32.7 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.218 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF103398.D

Acq: 3 Mar 2018 7:49

Tgt Ion: 70 Resp: 118565

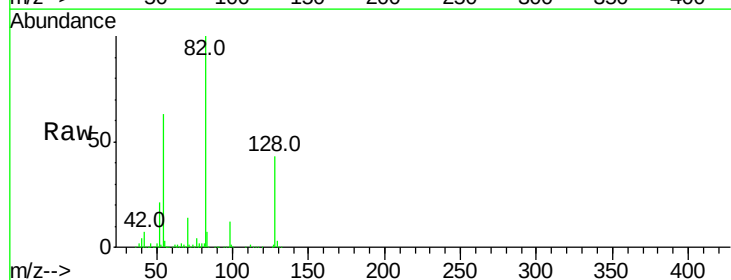
Ion Ratio Lower Upper

70 100

42 53.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

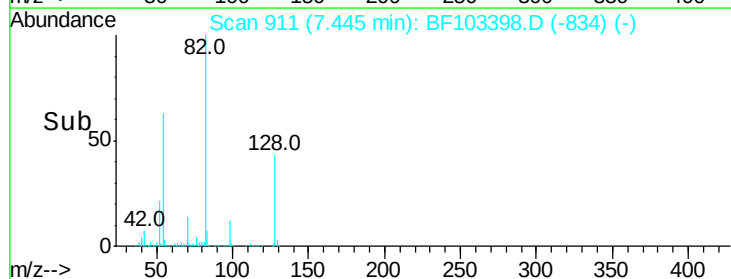
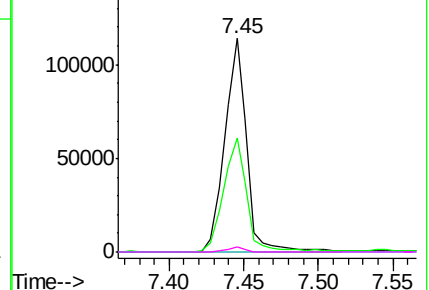


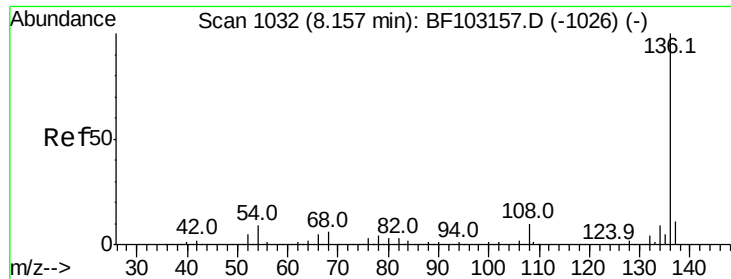
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

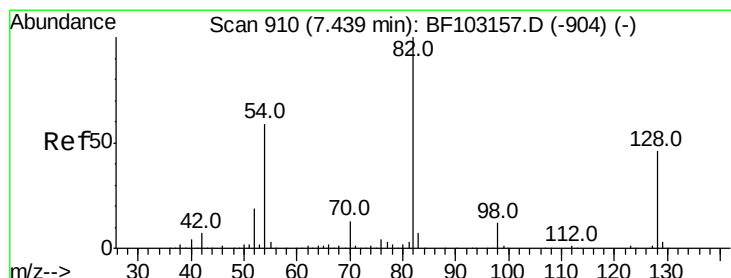
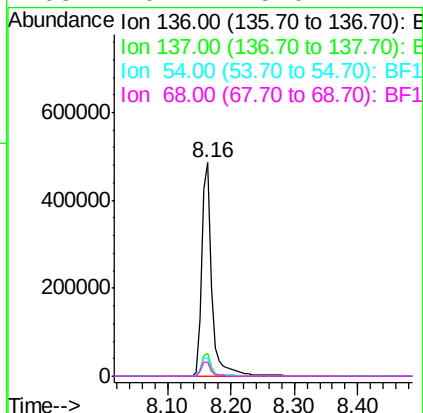
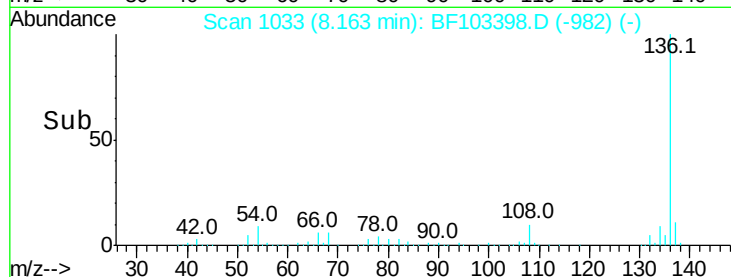
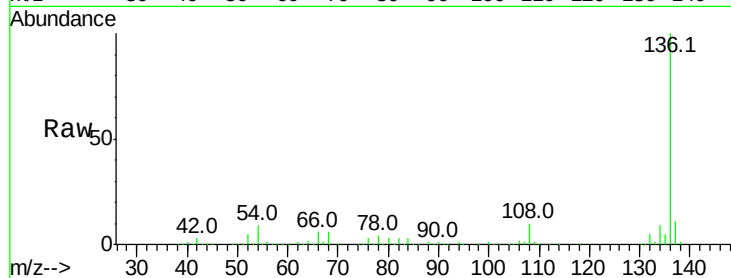




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

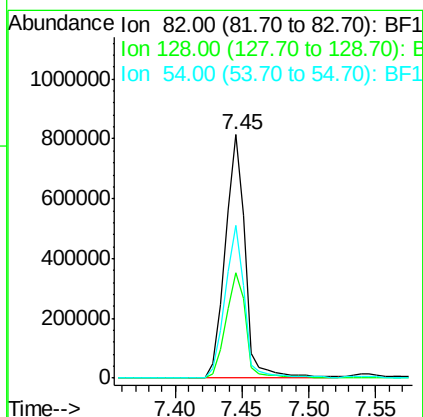
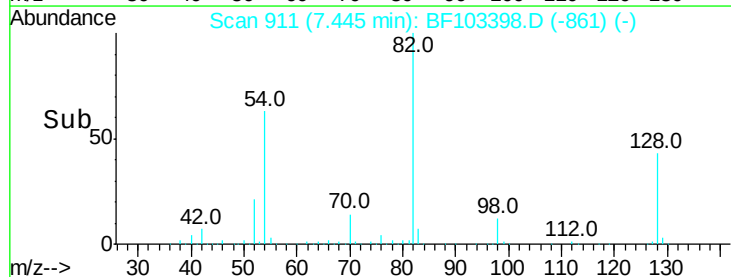
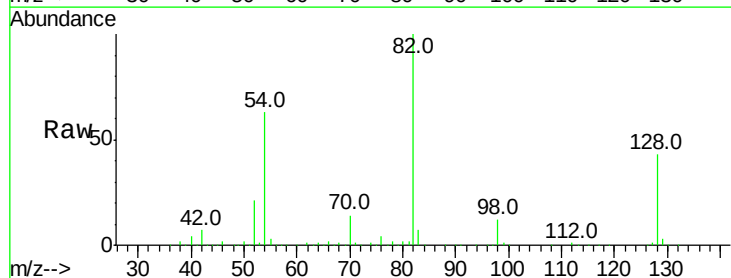
Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

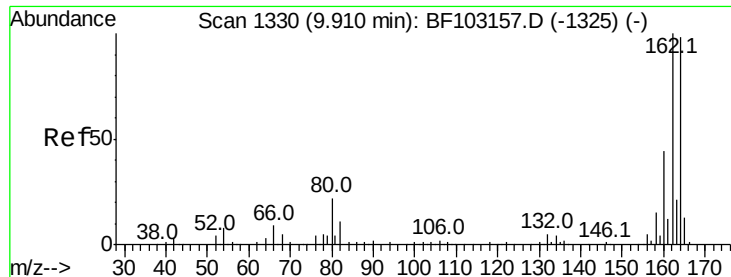
Tot Ion:	136	Resp:	527716
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.7	6.6	9.8
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 93.527 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Tgt Ion:	82	Resp:	864241
Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	62.5	41.4	62.2#

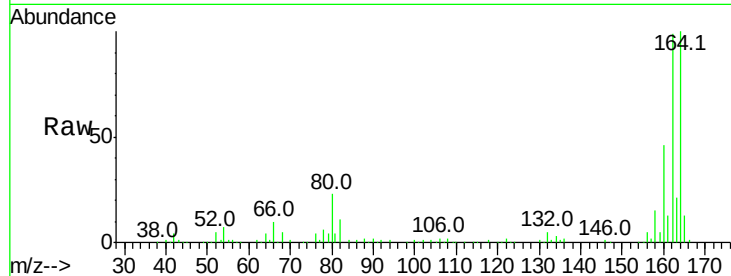




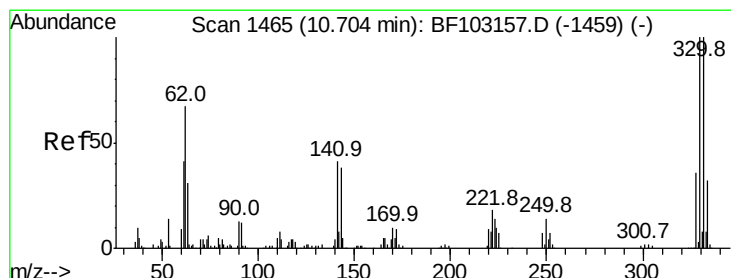
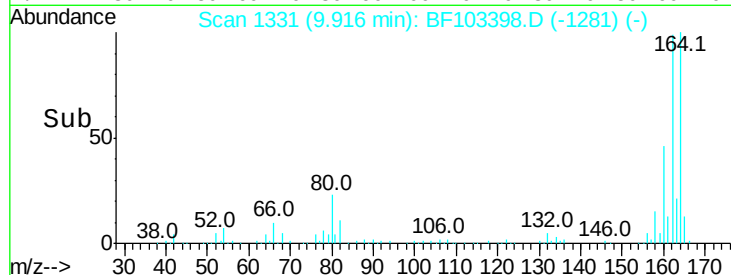
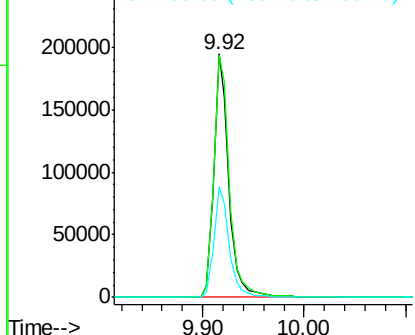
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tot Ion:164 Resp: 198373
Ion Ratio Lower Upper
164 100
162 99.5 86.1 129.1
160 45.6 38.3 57.5

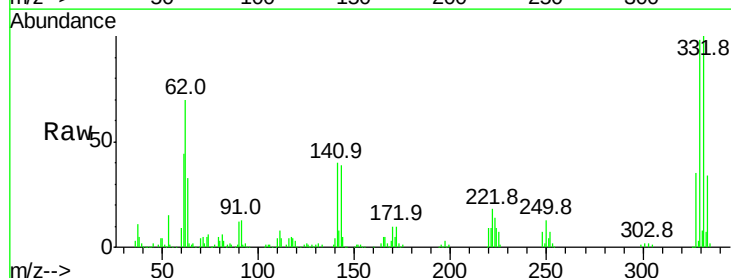


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

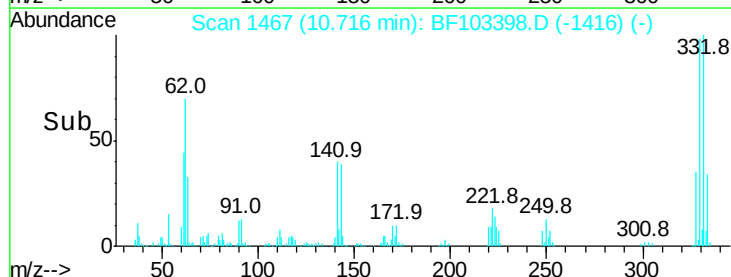
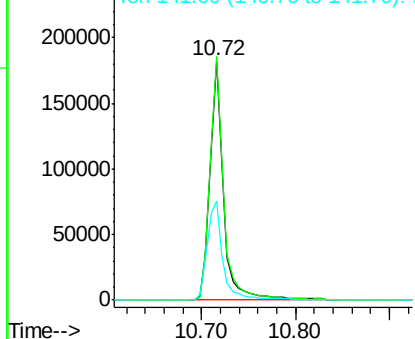


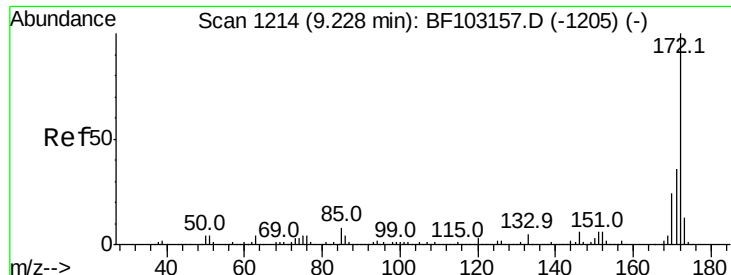
#41
2,4,6-Tribromophenol
Concen: 112.426 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Tgt Ion:330 Resp: 188777
Ion Ratio Lower Upper
330 100
332 103.0 77.0 115.6
141 47.3 29.9 44.9#



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



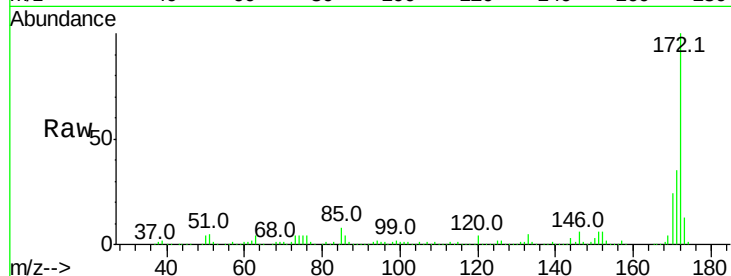


#44
 2-Fluorobiphenyl
 Concen: 122.317 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103398.D
 Acq: 3 Mar 2018 7:49

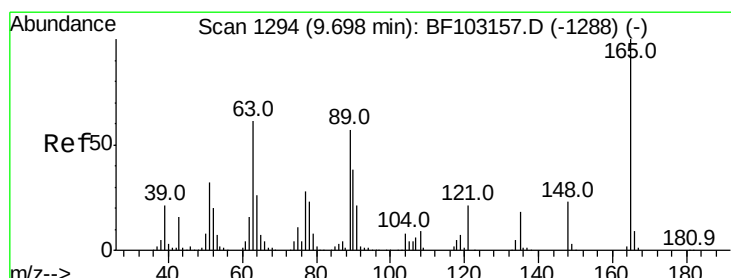
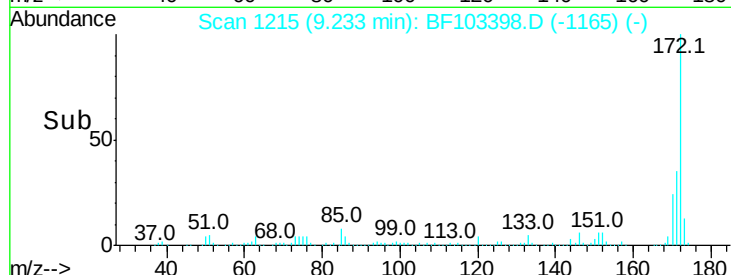
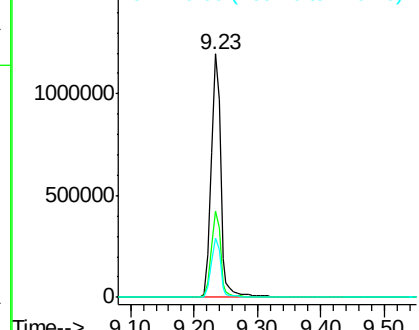
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-030118-F

Tot Ion:172 Resp: 1269240

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.4	19.6	29.4



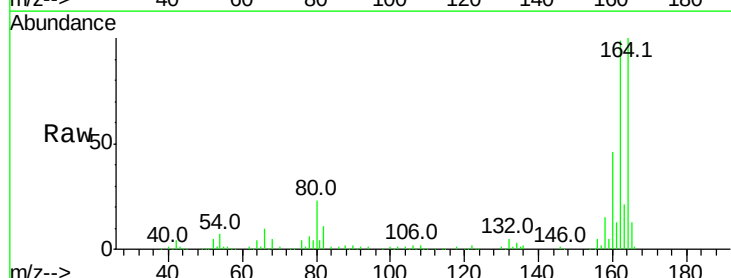
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



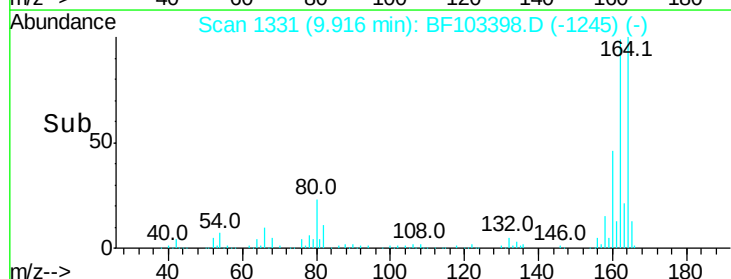
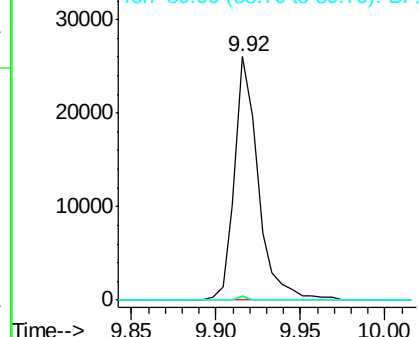
#50
 2,6-Dinitrotoluene
 Concen: 7.601 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF103398.D
 Acq: 3 Mar 2018 7:49

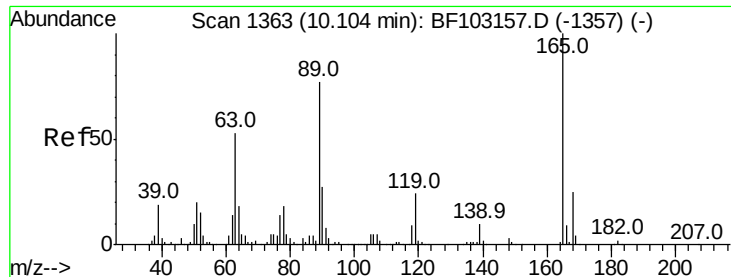
Tgt Ion:165 Resp: 25384

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.2	44.0	66.0#



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

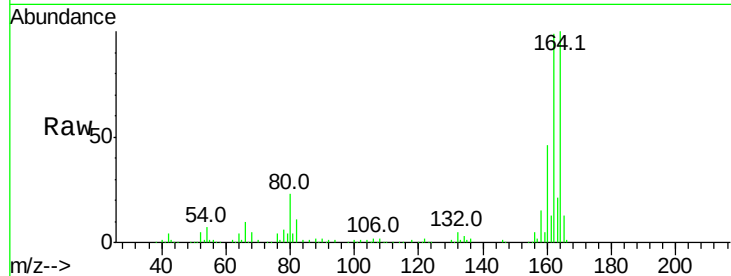




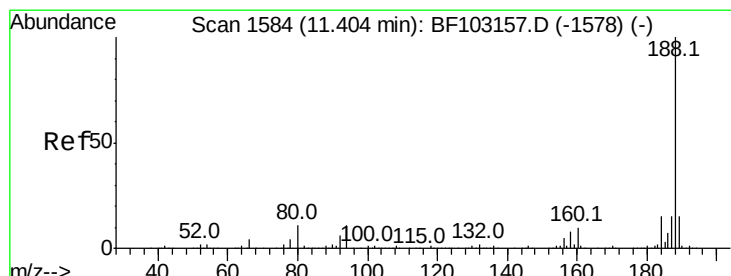
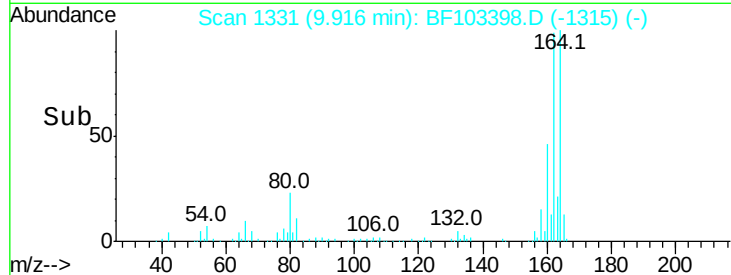
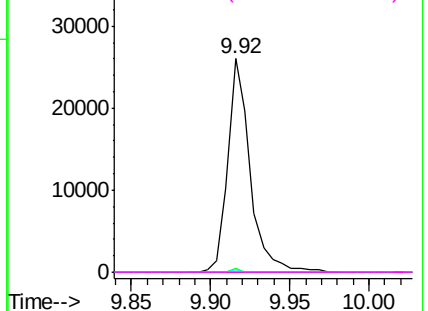
#56
 2,4-Dinitrotoluene
 Concen: 6.010 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.21 min
 Lab File: BF103398.D
 Acq: 3 Mar 2018 7:49

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-030118-F

Tot Ion:	165	Resp:	25384
Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

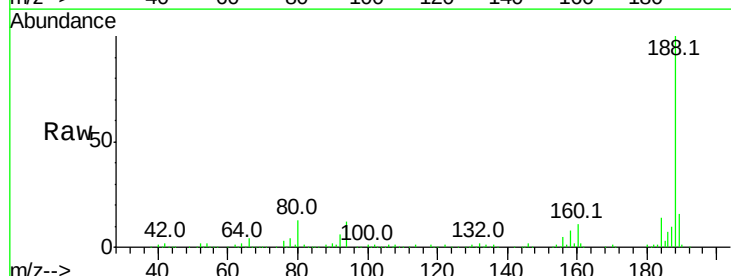


Abundance Ion 165.00 (164.70 to 165.70): E

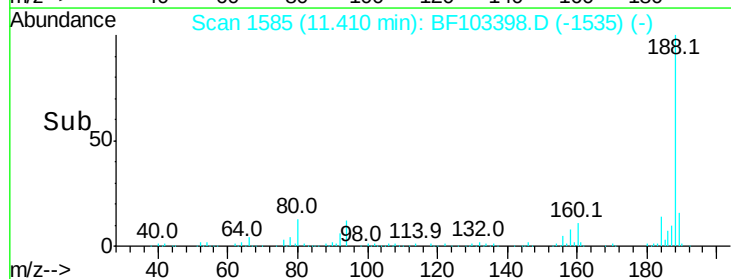
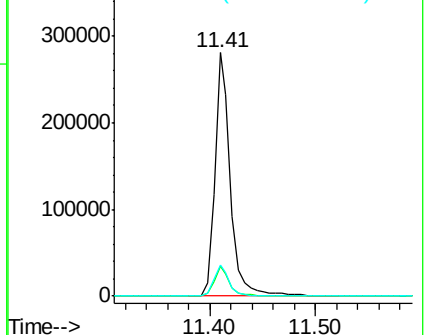


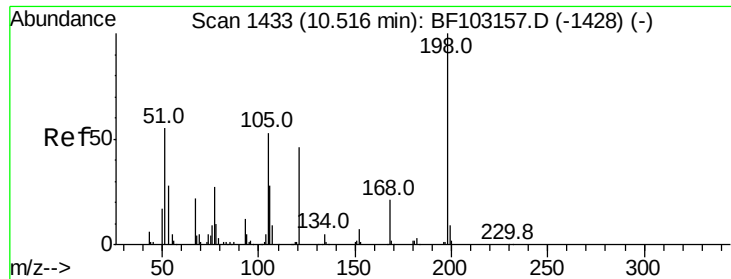
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF103398.D
 Acq: 3 Mar 2018 7:49

Tgt Ion:	188	Resp:	291100
Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.5	12.7
80	13.0	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

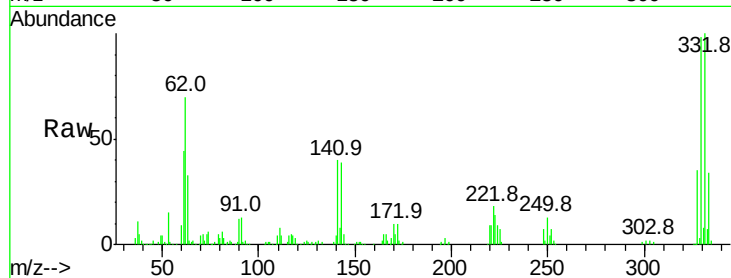




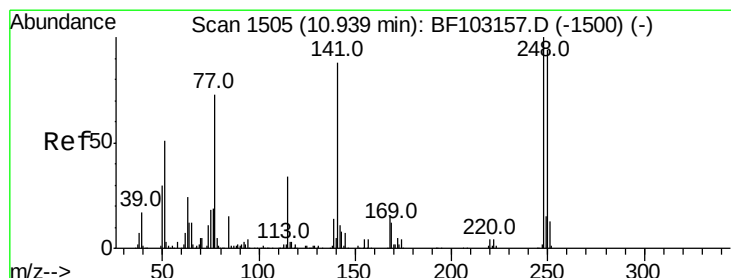
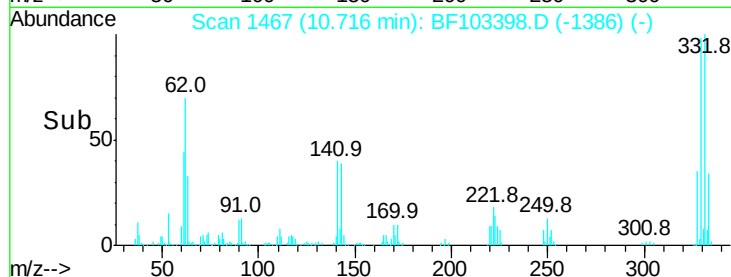
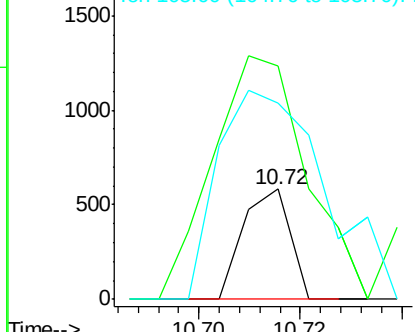
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.135 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.18 min
 Lab File: BF103398.D
 Acq: 3 Mar 2018 7:49

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-030118-F

Tot Ion:198 Resp: 375
 Ion Ratio Lower Upper
 198 100
 51 212.2 37.7 77.7#
 105 177.9 36.3 76.3#

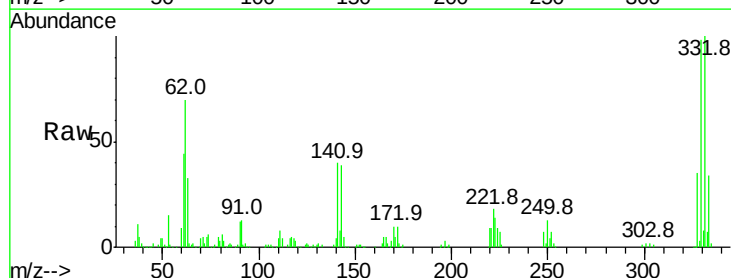


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

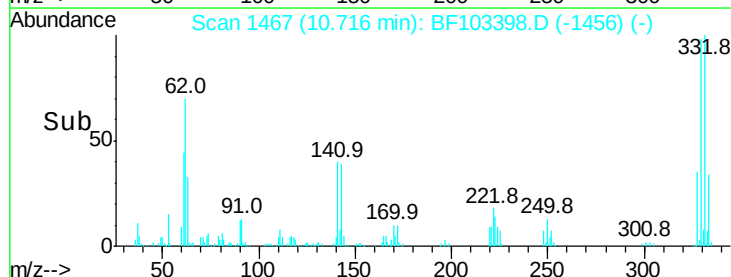
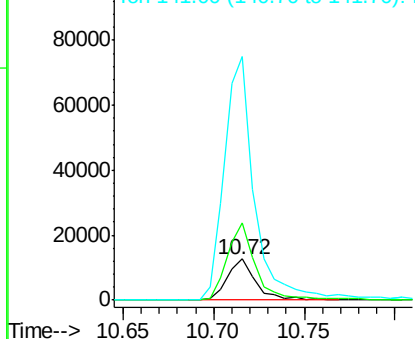


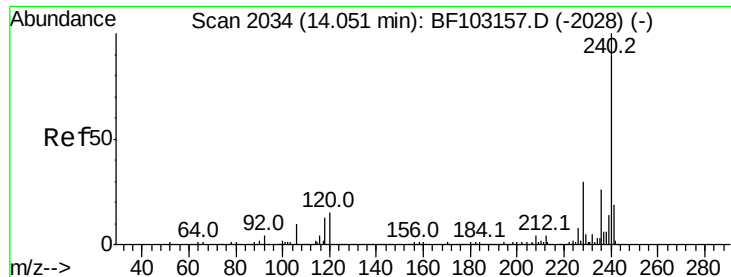
#66
 4-Bromophenyl-phenylether
 Concen: 4.520 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.24 min
 Lab File: BF103398.D
 Acq: 3 Mar 2018 7:49

Tgt Ion:248 Resp: 13705
 Ion Ratio Lower Upper
 248 100
 250 189.4 76.9 115.3#
 141 592.9 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: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103398.D

Acq: 3 Mar 2018 7:49

Instrument :

BNA_F

ClientSampleId :

JC-02-030118-F

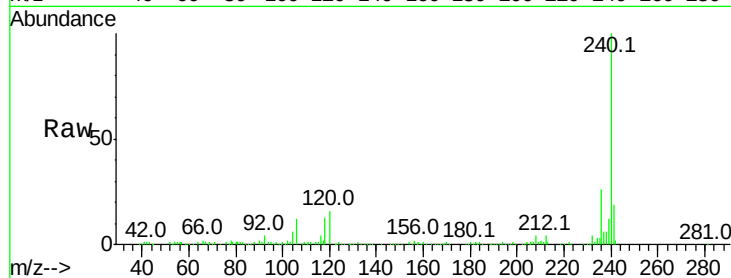
Tot Ion:240 Resp: 212282

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

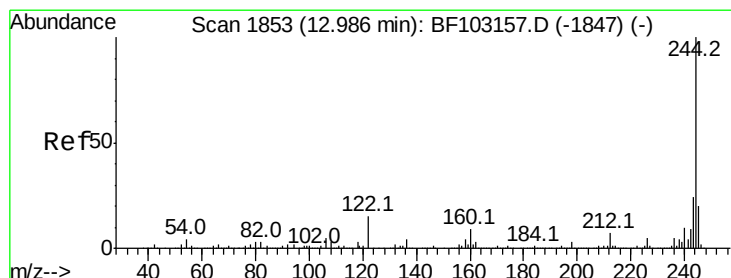
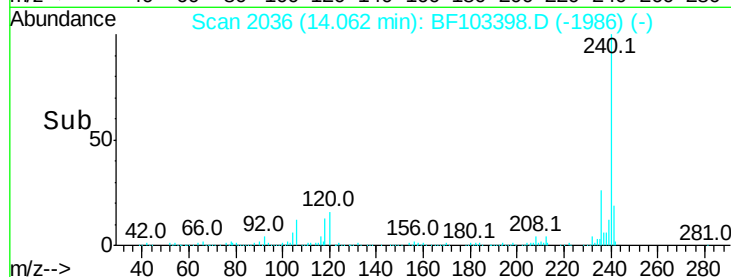
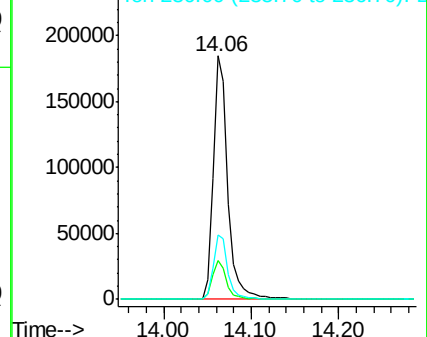
236 26.4 20.7 31.1



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: 102.505 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF103398.D

Acq: 3 Mar 2018 7:49

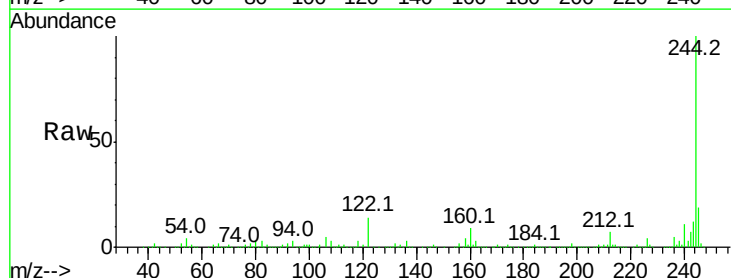
Tgt Ion:244 Resp: 905205

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

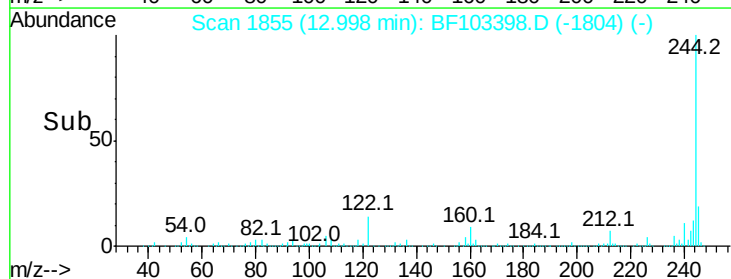
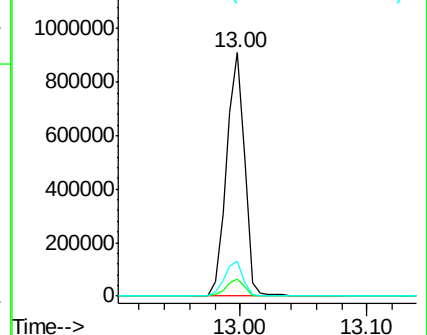
122 14.4 11.0 16.4

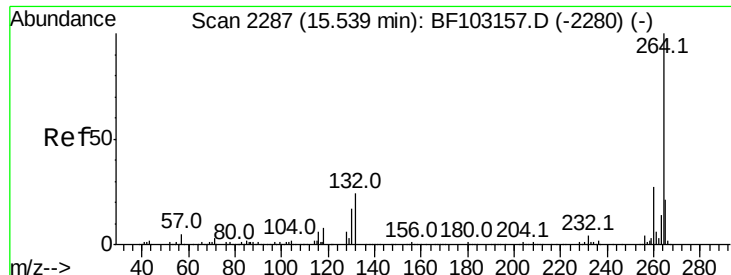


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

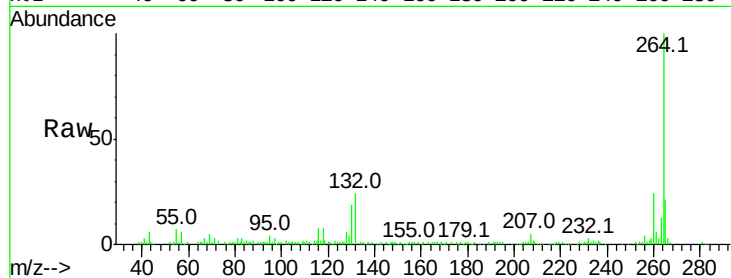




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

