

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103612.D
 Acq On : 13 Mar 2018 18:48
 Operator : SJ/JU
 Sample : J1753-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 22:05:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

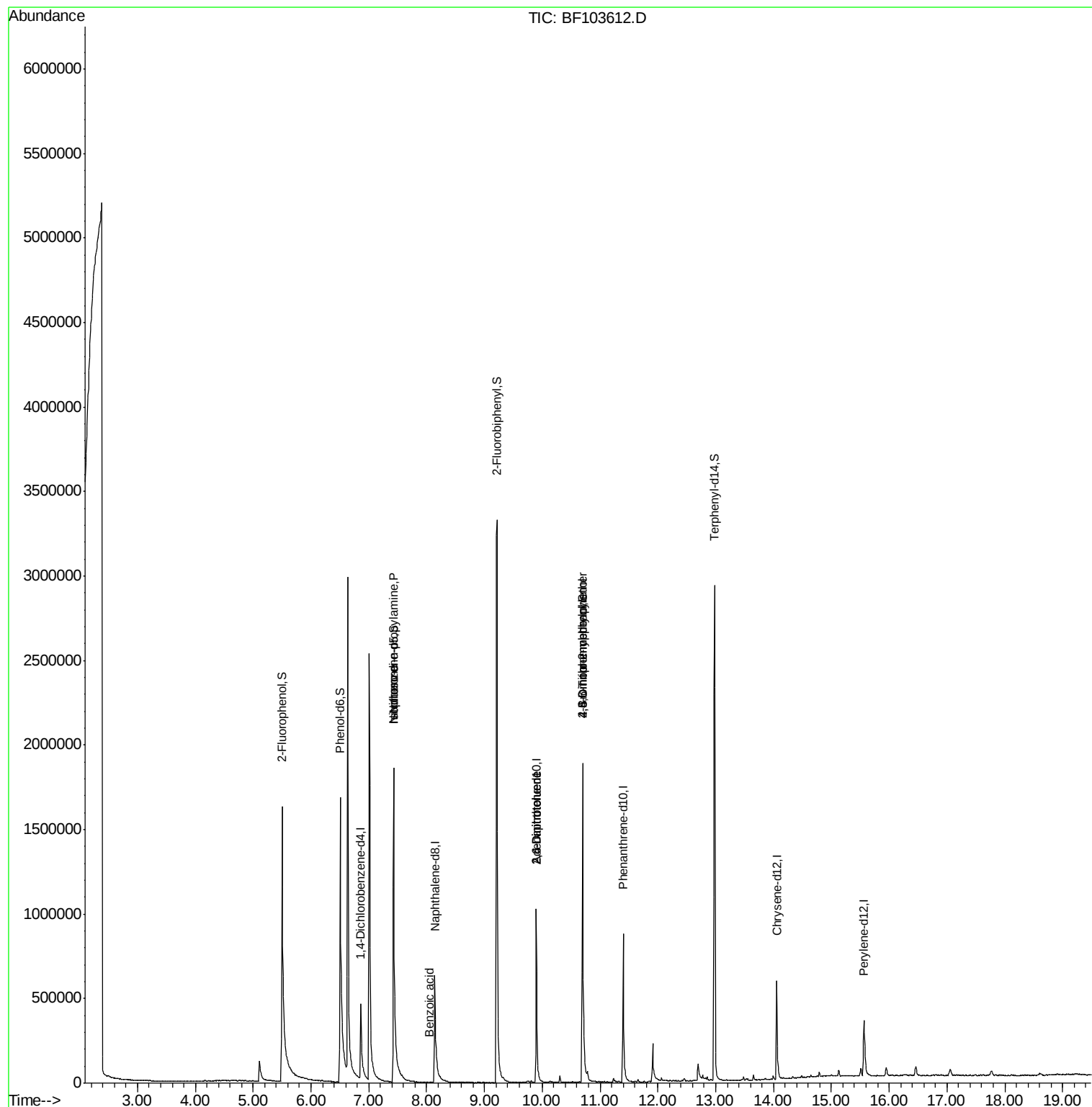
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	129056	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	575178	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	258358	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	466293	20.00	ng	0.00
75) Chrysene-d12	14.06	240	269495	20.00	ng	0.00
86) Perylene-d12	15.57	264	216787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1033480	121.12	ng	0.01
7) Phenol-d6	6.50	99	1139241	109.11	ng	0.00
23) Nitrobenzene-d5	7.43	82	1014744	100.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	277070	126.70	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1432535	99.40	ng	0.00
78) Terphenyl-d14	12.98	244	1182291	105.46	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1194	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	129528	19.932	ng	# 82
25) Isophorone	7.43	82	1014744	51.156	ng	# 64
32) Benzoic acid	8.05	122	663	7.010	ng	# 77
50) 2,6-Dinitrotoluene	9.90	165	31923	7.340	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	32245	5.862	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	555	5.121	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	19475	4.009	ng	# 1

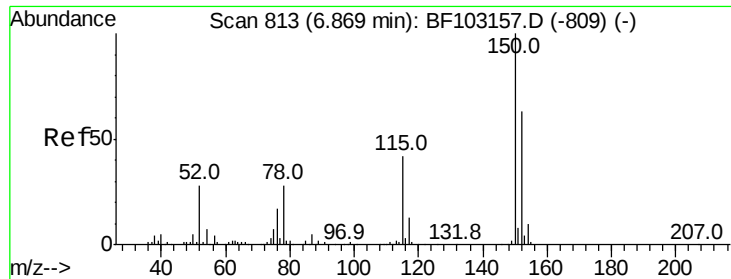
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
Data File : BF103612.D
Acq On : 13 Mar 2018 18:48
Operator : SJ/JU
Sample : J1753-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 13 22:05:38 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration



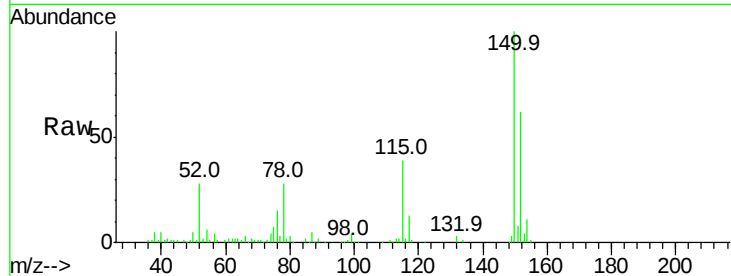


#1

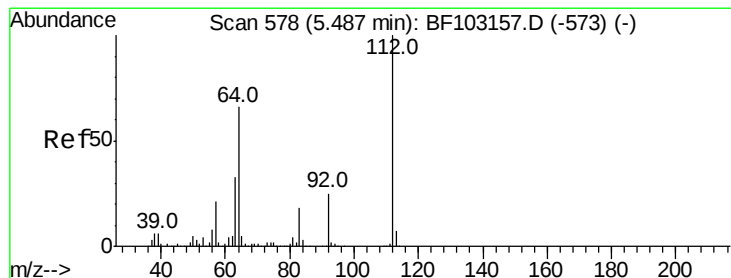
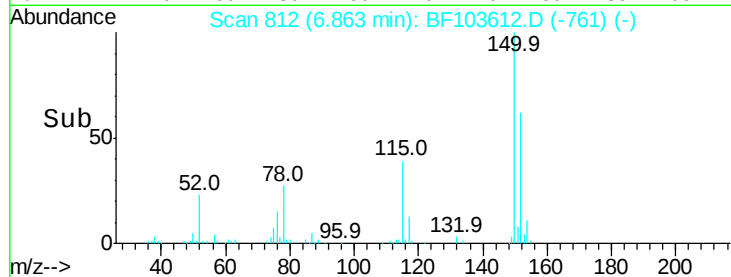
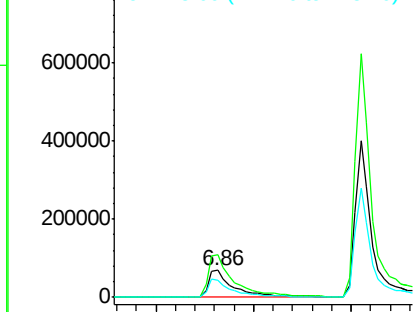
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 129056
Ion Ratio Lower Upper
152 100
150 161.4 124.6 186.8
115 62.5 50.1 75.1



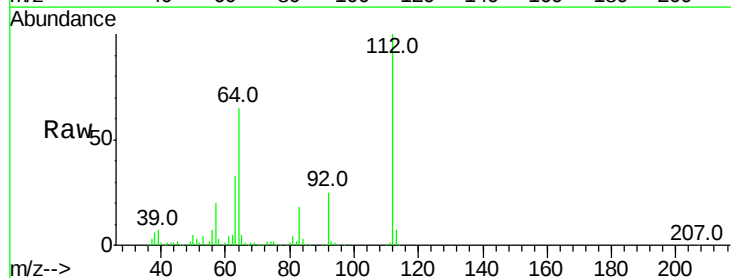
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



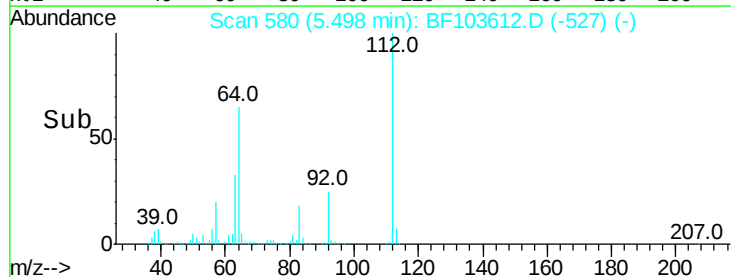
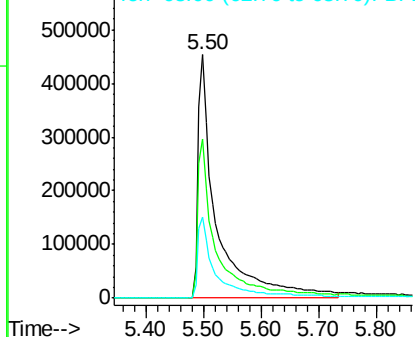
#5

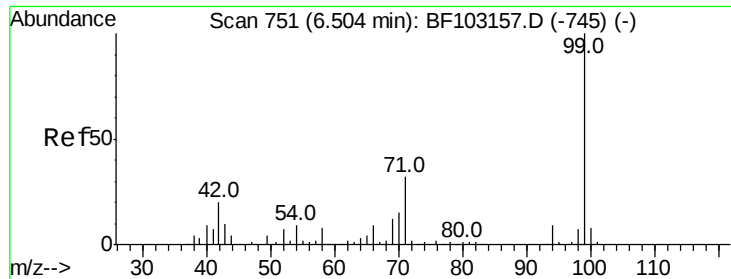
2-Fluorophenol
Concen: 121.115 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Tgt Ion:112 Resp: 1033480
Ion Ratio Lower Upper
112 100
64 65.2 47.9 71.9
63 33.2 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: 109.108 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103612.D

Acq: 13 Mar 2018 18:48

Instrument :

BNA_F

ClientSampleId :

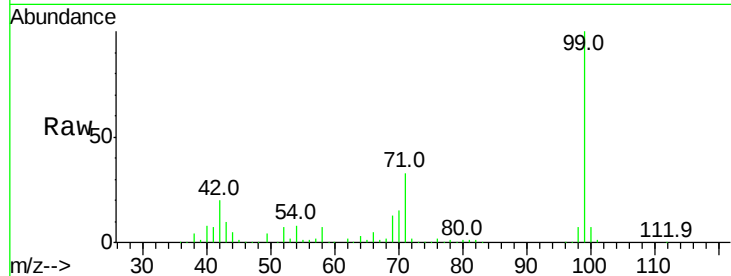
Tot Ion: 99 Resp: 1139241

Ion Ratio Lower Upper

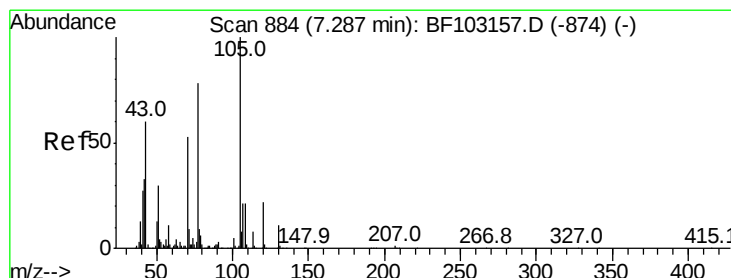
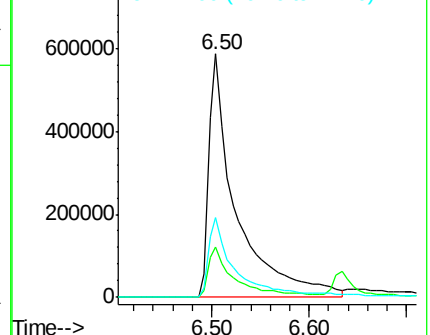
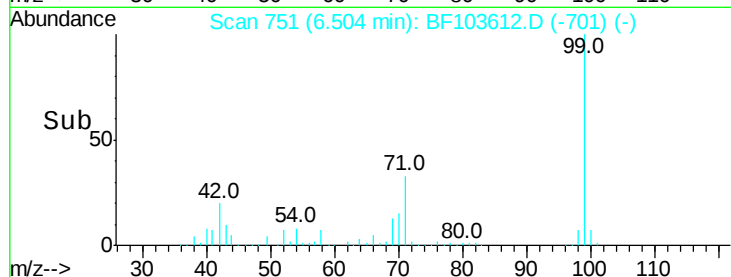
99 100

42 20.5 14.5 21.7

71 32.8 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: 19.932 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF103612.D

Acq: 13 Mar 2018 18:48

Tgt Ion: 70 Resp: 129528

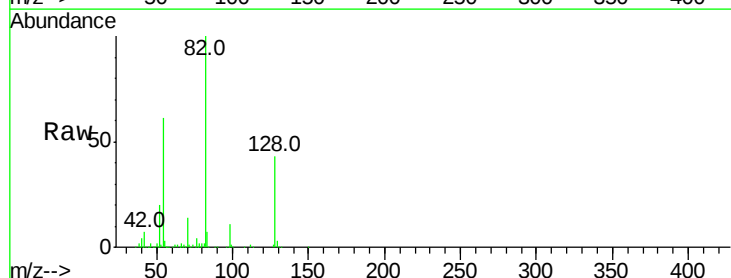
Ion Ratio Lower Upper

70 100

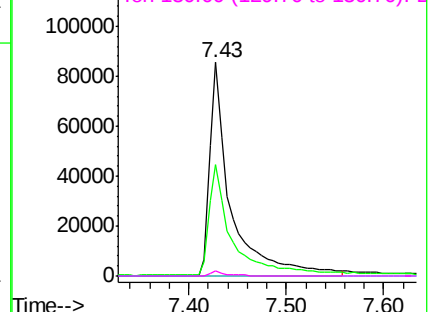
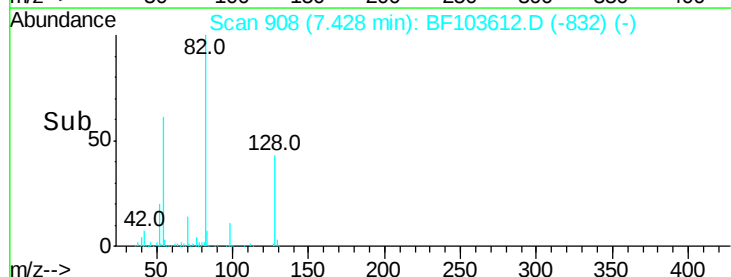
42 52.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 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

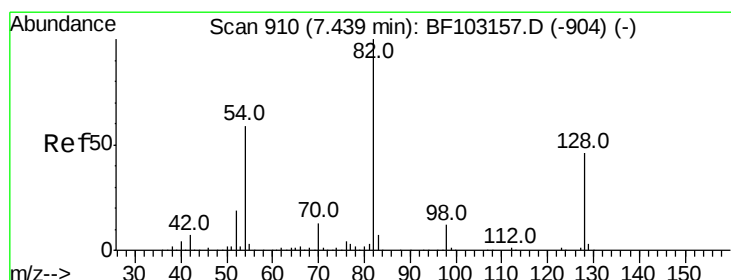
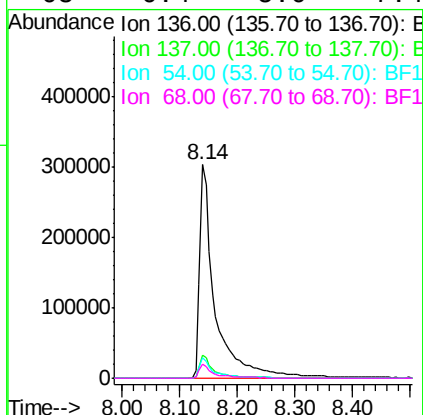
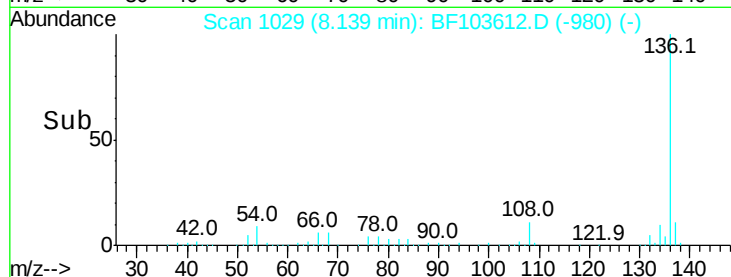
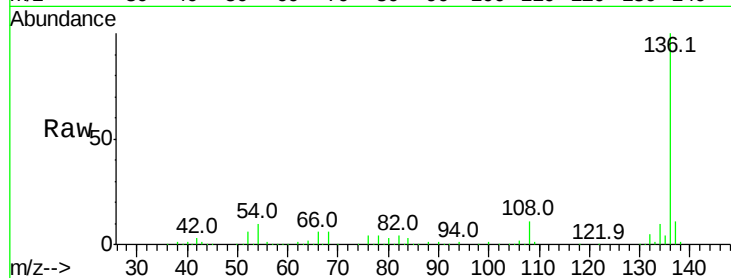




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

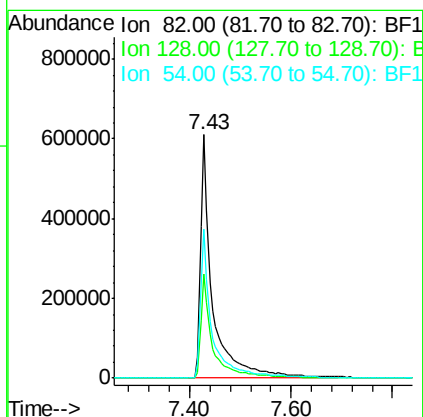
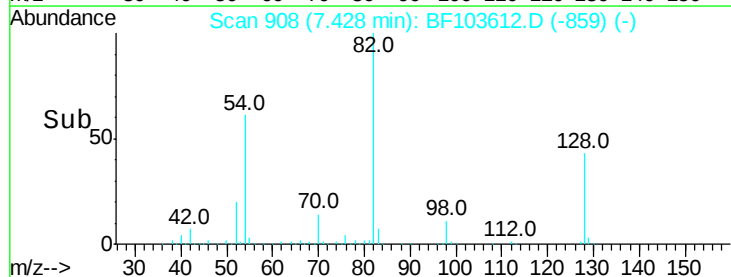
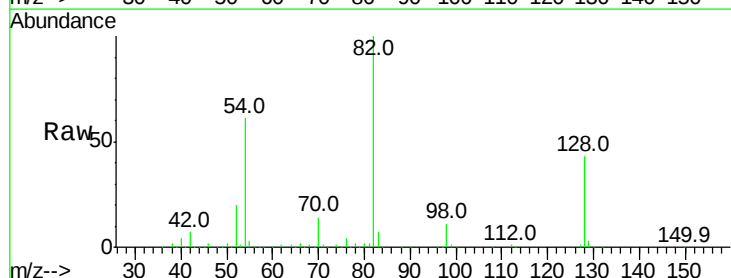
Instrument :
BNA_F
ClientSampleId :

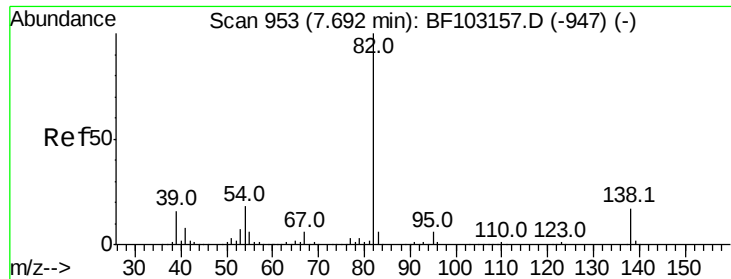
Tot Ion:	136	Resp:	575178
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.6	6.6	9.8
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 100.752 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Tgt Ion:	82	Resp:	1014744
Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	61.3	41.4	62.2





#25

Isophorone

Concen: 51.156 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF103612.D

Acq: 13 Mar 2018 18:48

Instrument :

BNA_F

ClientSampleId :

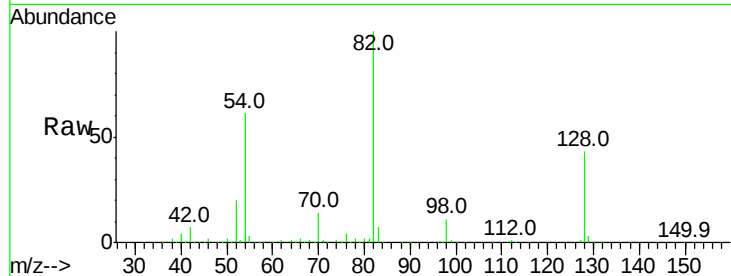
Tot Ion: 82 Resp: 1014744

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

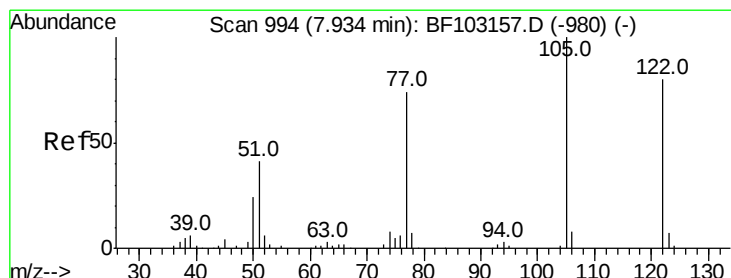
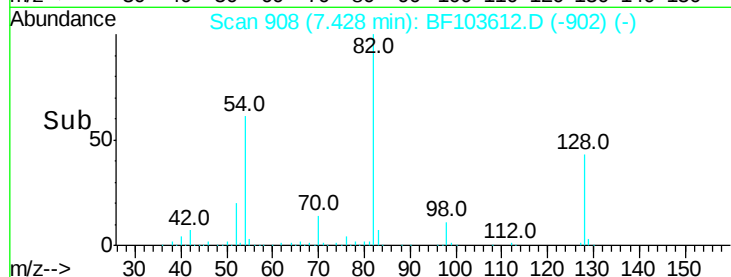
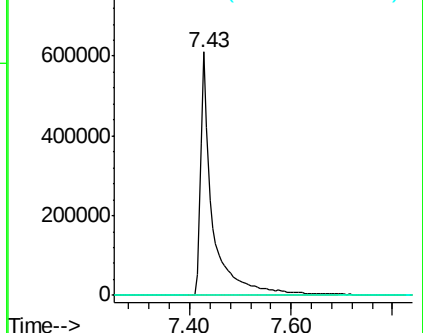
138 0.0 14.9 22.3#



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: 7.010 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.08 min

Lab File: BF103612.D

Acq: 13 Mar 2018 18:48

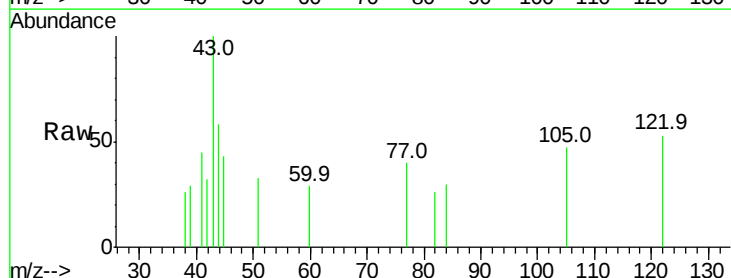
Tgt Ion: 122 Resp: 663

Ion Ratio Lower Upper

122 100

105 89.5 101.1 141.1#

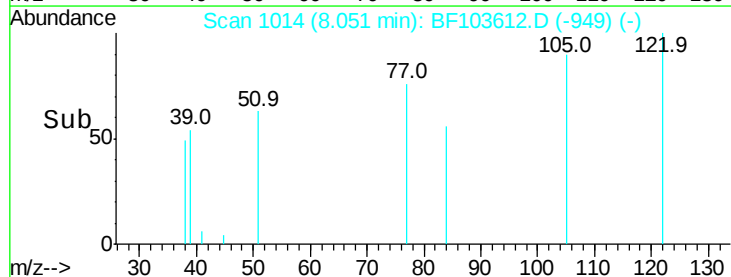
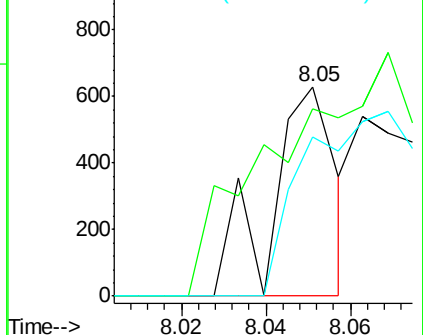
77 76.3 70.7 110.7

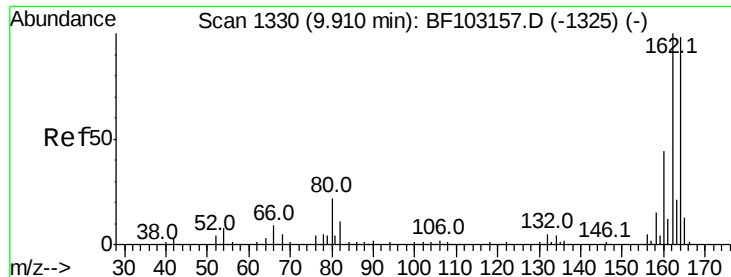


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

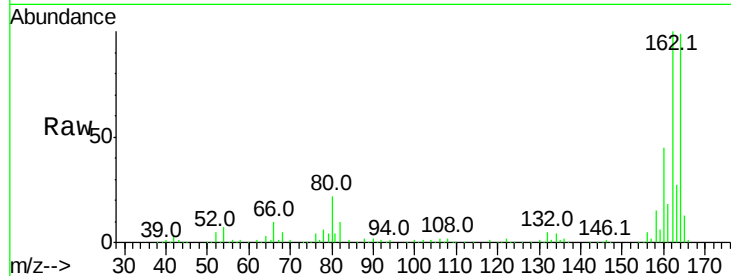




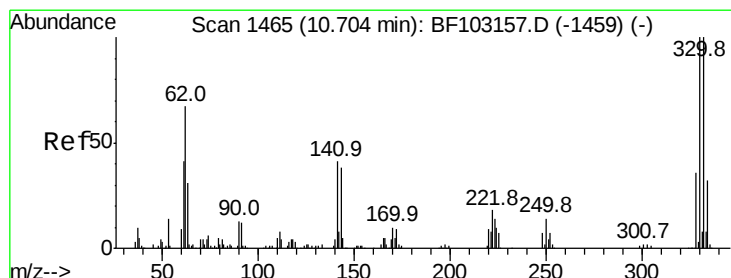
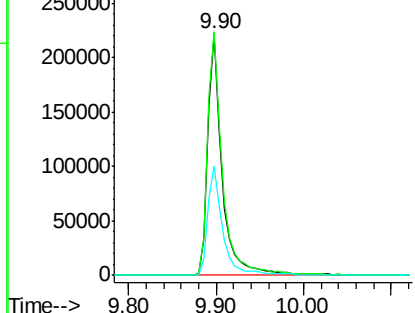
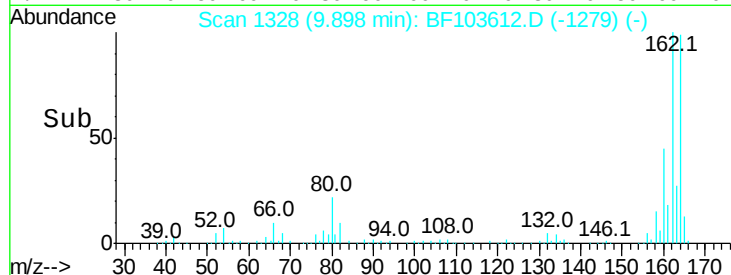
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103612.D
 Acq: 13 Mar 2018 18:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 258358
 Ion Ratio Lower Upper
 164 100
 162 101.0 86.1 129.1
 160 45.2 38.3 57.5

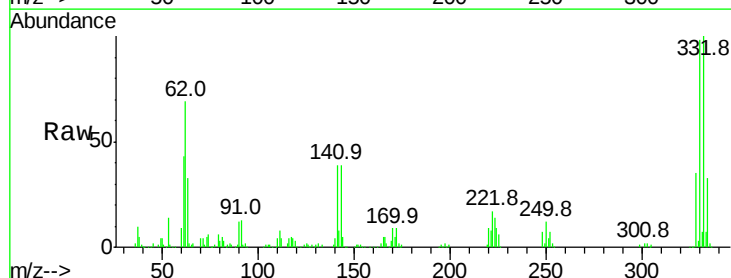


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

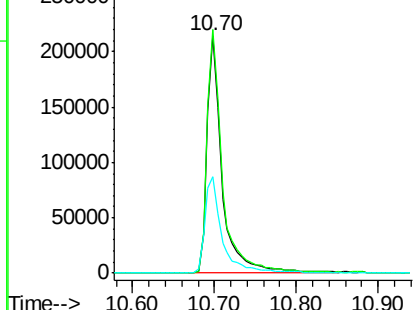
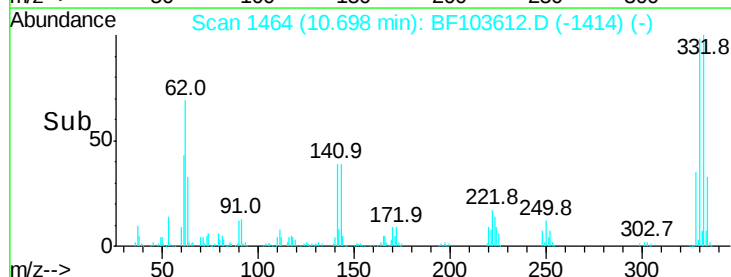


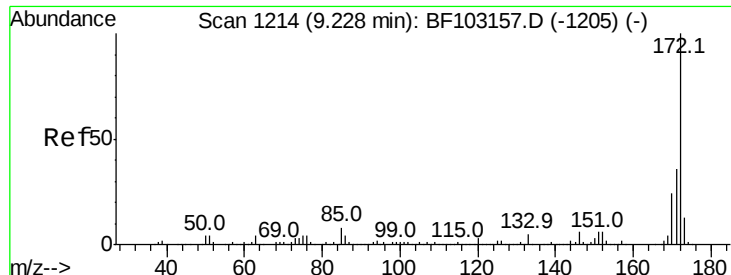
#41
 2,4,6-Tribromophenol
 Concen: 126.698 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103612.D
 Acq: 13 Mar 2018 18:48

Tgt Ion:330 Resp: 277070
 Ion Ratio Lower Upper
 330 100
 332 104.8 77.0 115.6
 141 46.6 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



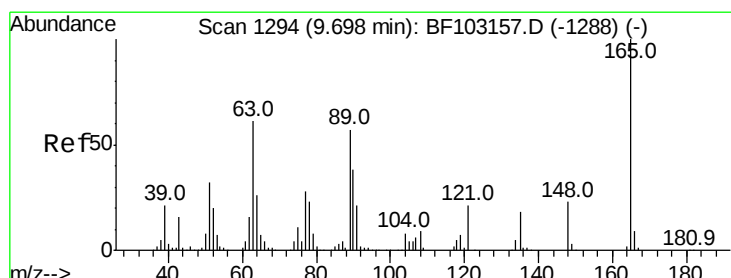
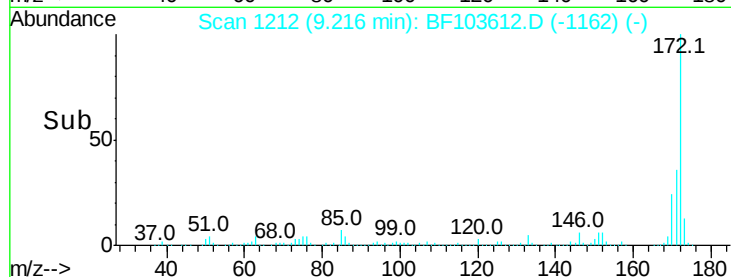
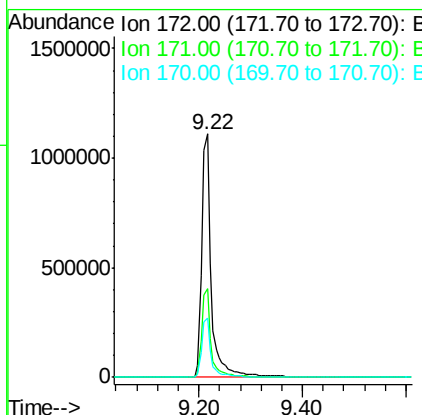
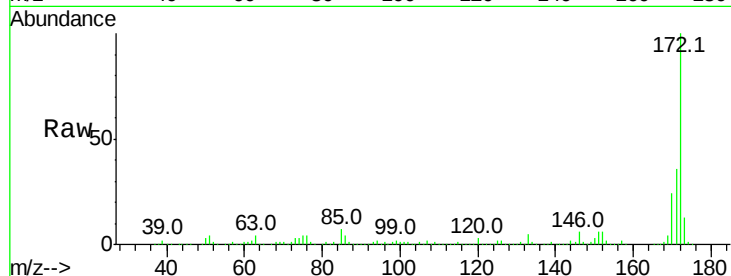


#44
 2-Fluorobiphenyl
 Concen: 99.403 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103612.D
 Acq: 13 Mar 2018 18:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1432535

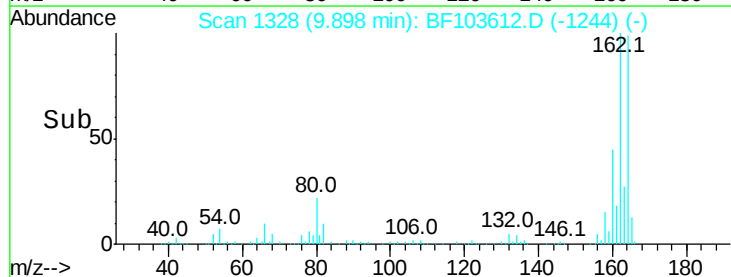
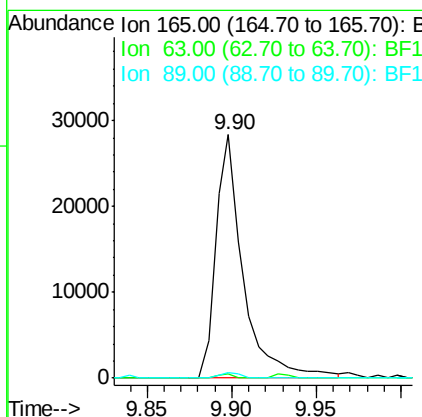
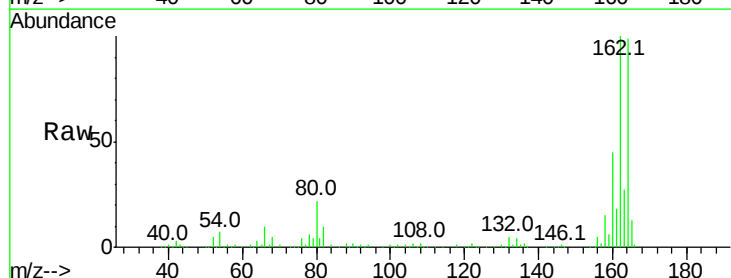
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	19.6	29.4

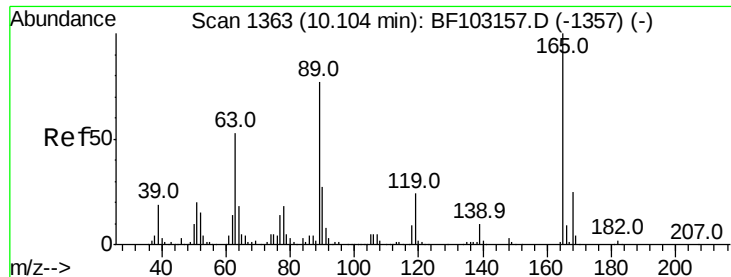


#50
 2,6-Dinitrotoluene
 Concen: 7.340 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.19 min
 Lab File: BF103612.D
 Acq: 13 Mar 2018 18:48

Tgt Ion:165 Resp: 31923

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	2.1	44.0	66.0#

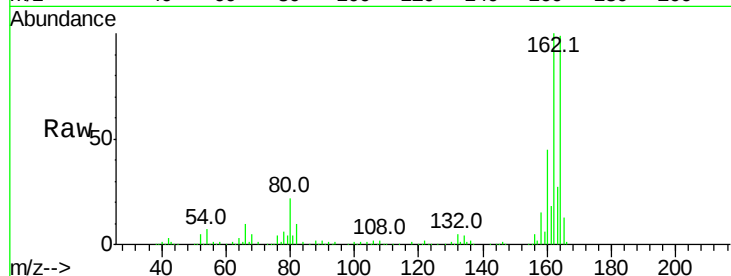




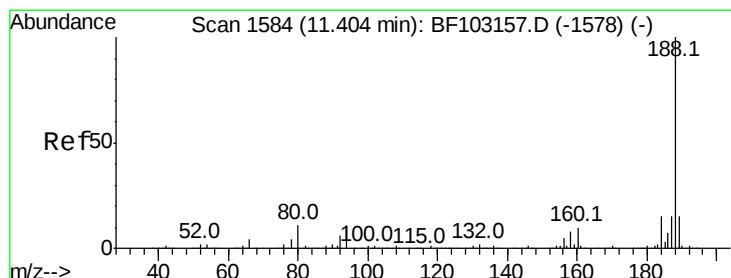
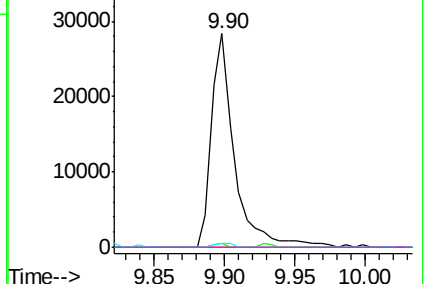
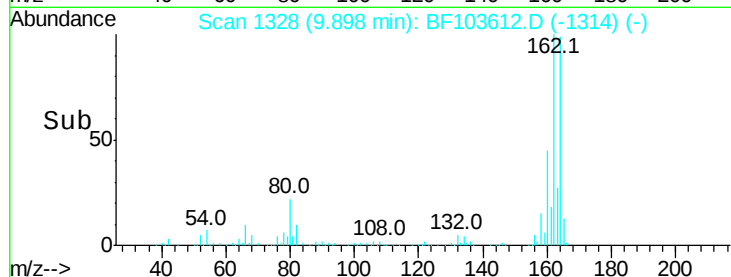
#56
2,4-Dinitrotoluene
Concen: 5.862 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.22 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 32245
Ion Ratio Lower Upper
165 100
63 1.8 36.4 54.6#
89 2.1 57.8 86.6#
182 0.0 1.6 2.4#

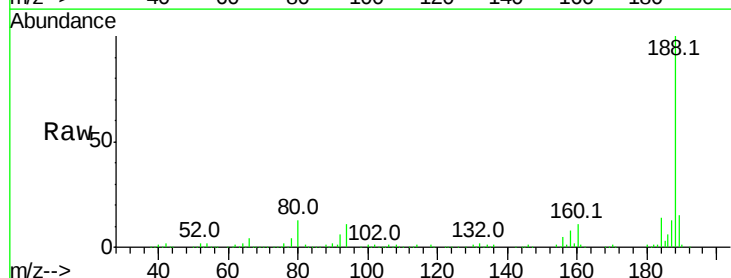


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

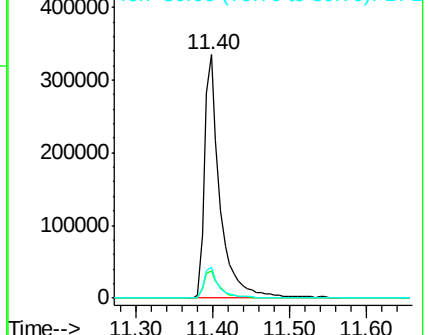
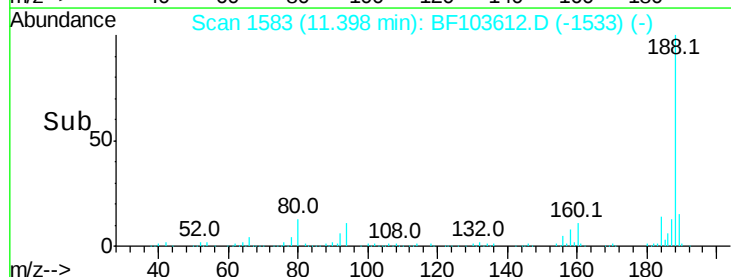


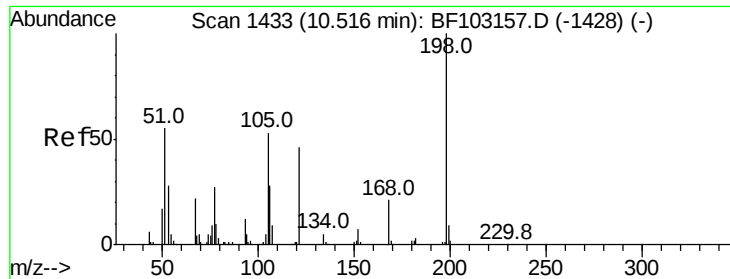
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Tgt Ion:188 Resp: 466293
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 5.121 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.16 min

Lab File: BF103612.D

Acq: 13 Mar 2018 18:48

Instrument :

BNA_F

ClientSampled :

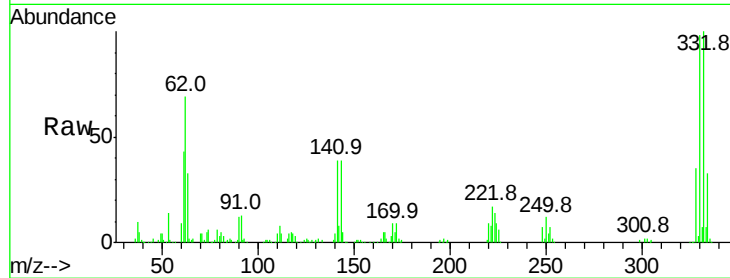
Tot Ion:198 Resp: 555

Ion Ratio Lower Upper

198 100

51 188.6 37.7 77.7#

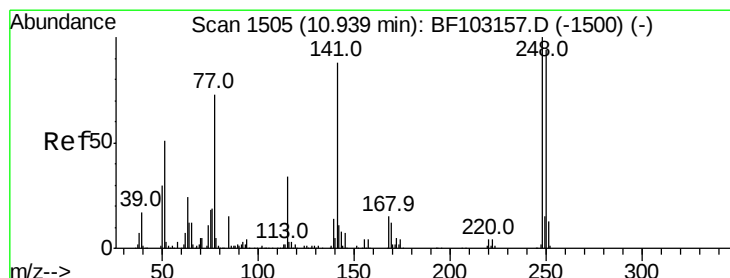
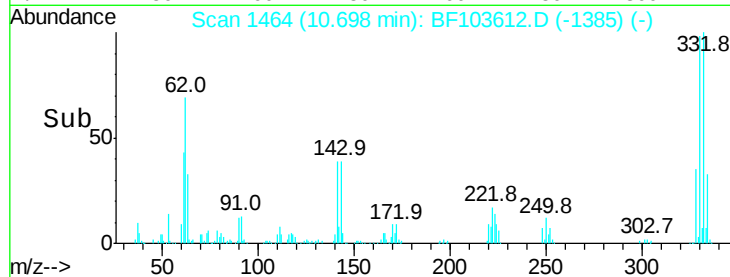
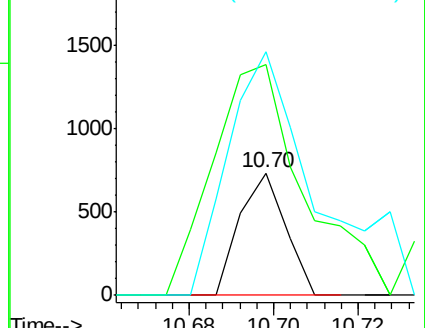
105 198.6 36.3 76.3#



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: 4.009 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.24 min

Lab File: BF103612.D

Acq: 13 Mar 2018 18:48

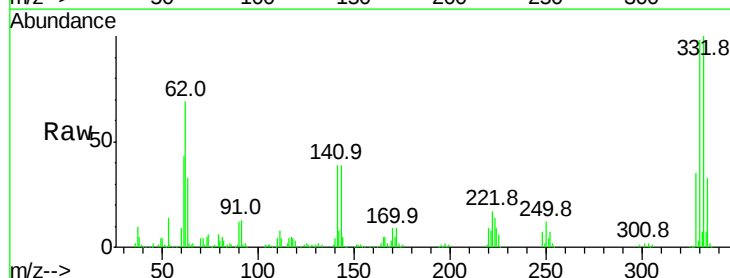
Tgt Ion:248 Resp: 19475

Ion Ratio Lower Upper

248 100

250 187.2 76.9 115.3#

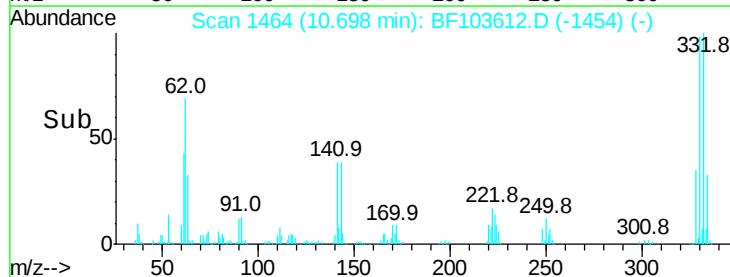
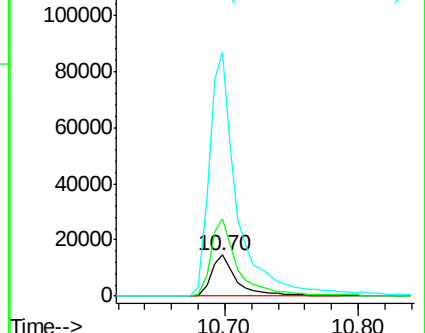
141 591.3 74.4 111.6#

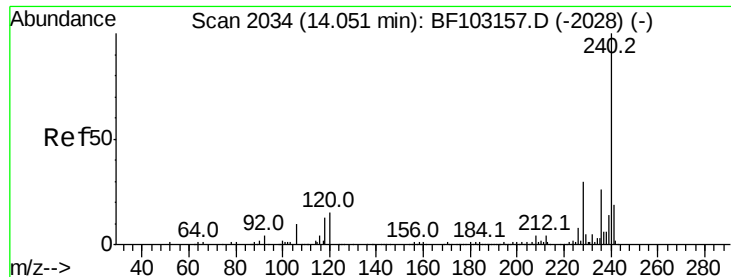


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2035

Delta R.T. -0.01 min

Lab File: BF103612.D

Acq: 13 Mar 2018 18:48

Instrument :

BNA_F

ClientSampled :

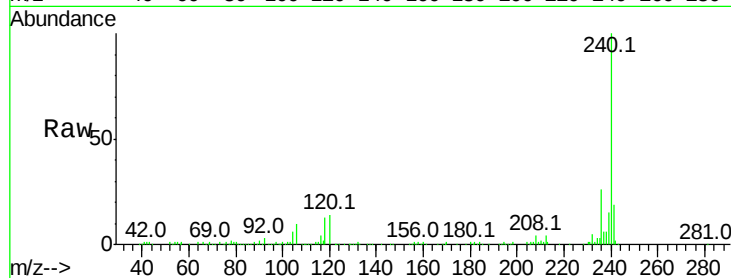
Tot Ion:240 Resp: 269495

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

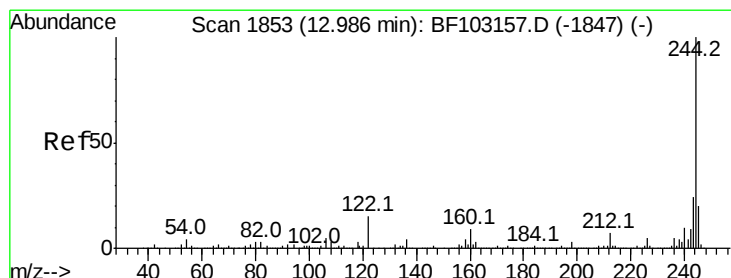
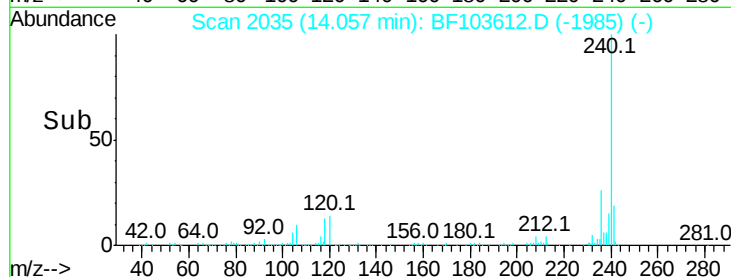
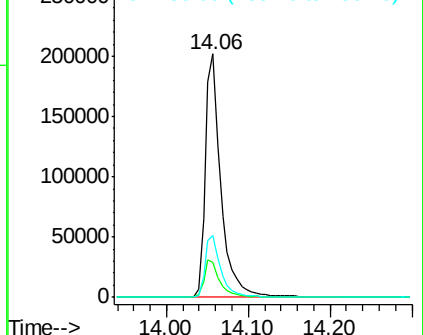
236 25.6 20.7 31.1



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: 105.459 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103612.D

Acq: 13 Mar 2018 18:48

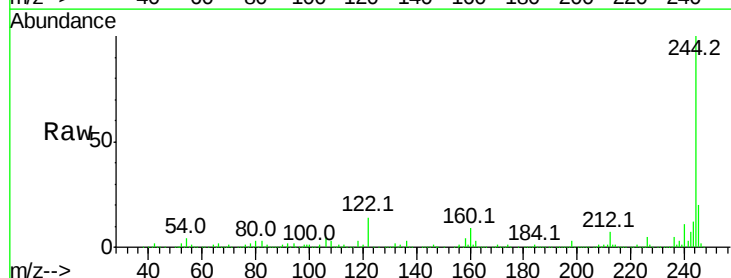
Tgt Ion:244 Resp: 1182291

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

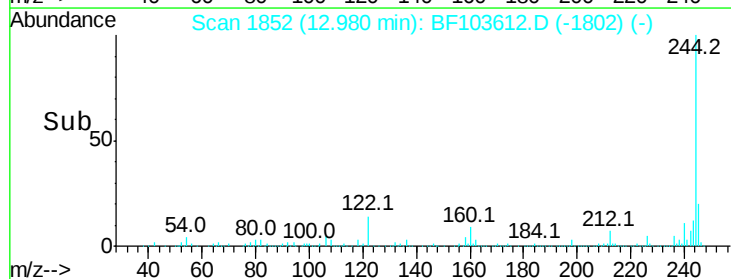
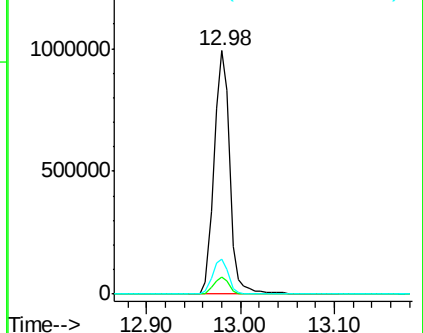
122 14.3 11.0 16.4

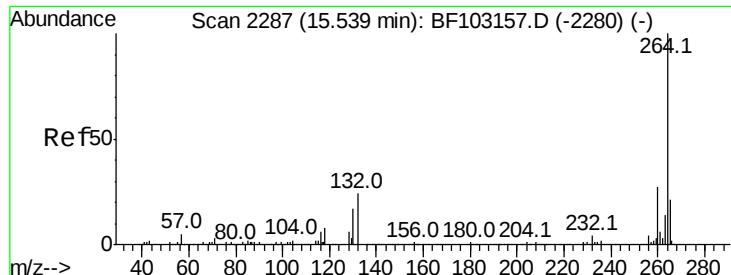


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

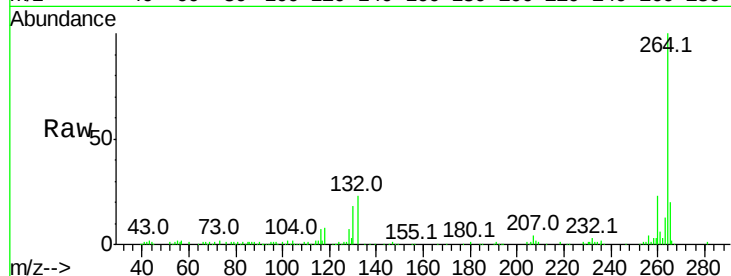




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 216787
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 20.3 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

