

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103178.D
 Acq On : 22 Feb 2018 22:21
 Operator : SJ/JU
 Sample : J1635-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-6FT

Quant Time: Feb 23 02:15:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

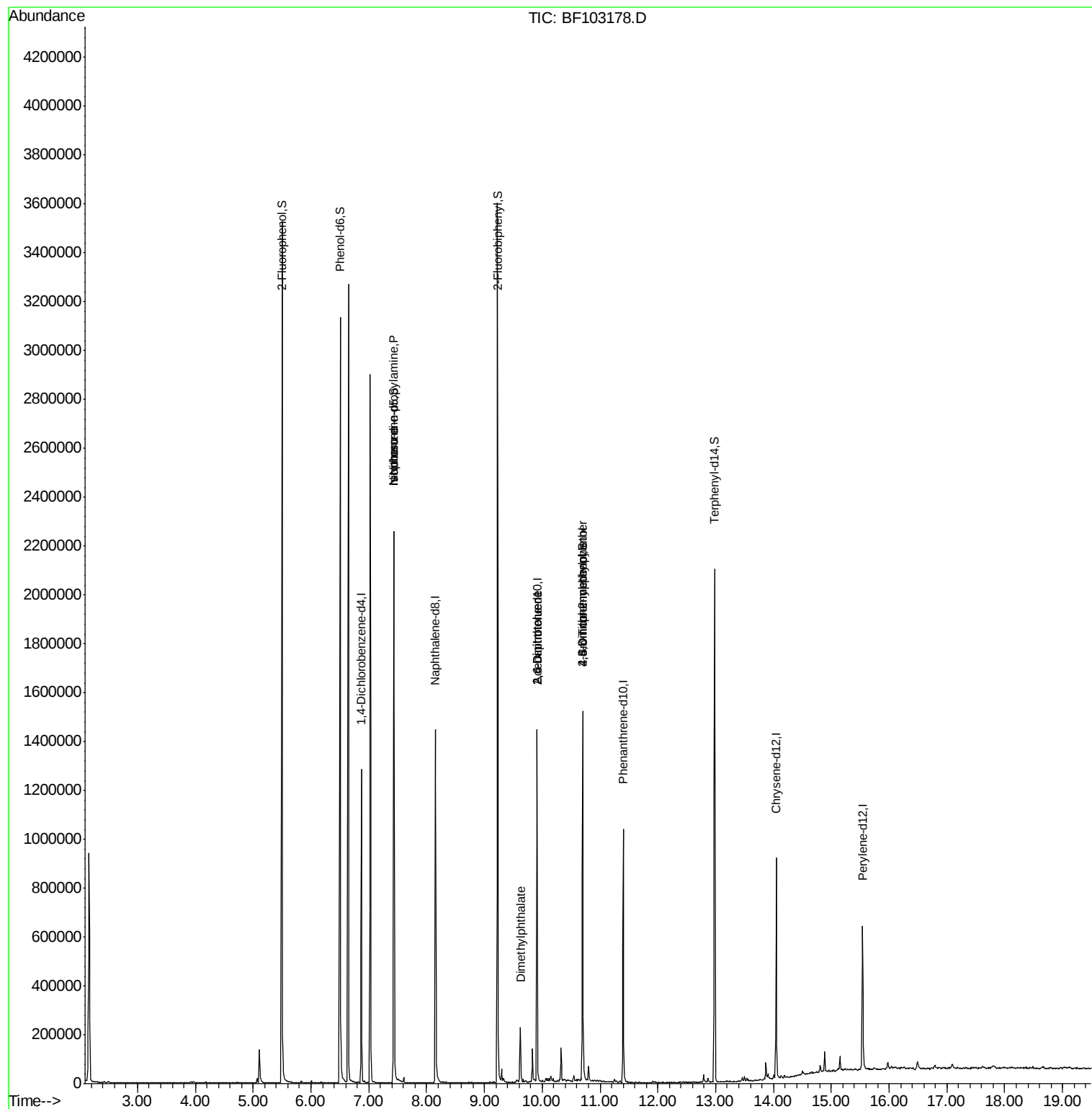
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	173574	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	703230	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	270519	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	357646	20.00	ng	0.00
75) Chrysene-d12	14.05	240	298568	20.00	ng	0.00
86) Perylene-d12	15.54	264	272133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	997413	86.91	ng	0.01
7) Phenol-d6	6.50	99	1184925	84.38	ng	0.00
23) Nitrobenzene-d5	7.43	82	751428	61.02	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	164263	71.74	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1090567	65.74	ng	0.00
78) Terphenyl-d14	12.98	244	679999	54.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	99405	11.374	ng	# 83
25) Isophorone	7.43	82	751418	30.983	ng	# 64
49) Dimethylphthalate	9.62	163	94517	4.355	ng	# 98
50) 2,6-Dinitrotoluene	9.91	165	34296	7.531	ng	# 26
56) 2,4-Dinitrotoluene	9.91	165	34296	5.954	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	168	5.015	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	10533	2.827	ng	# 1

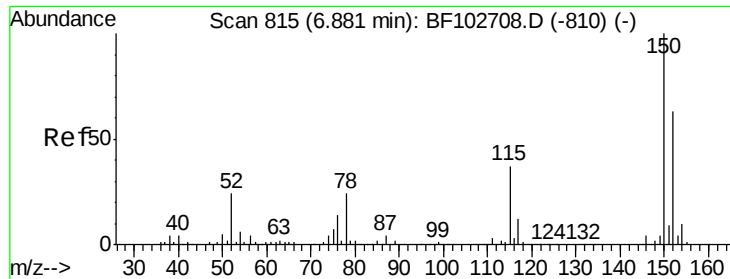
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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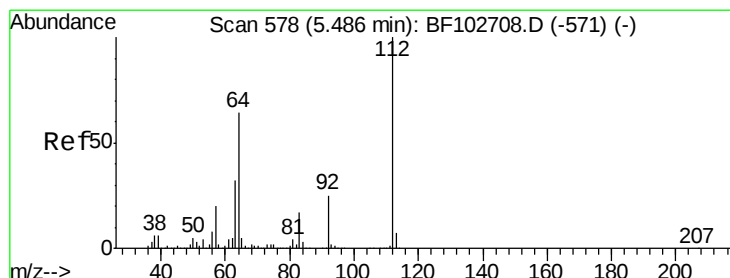
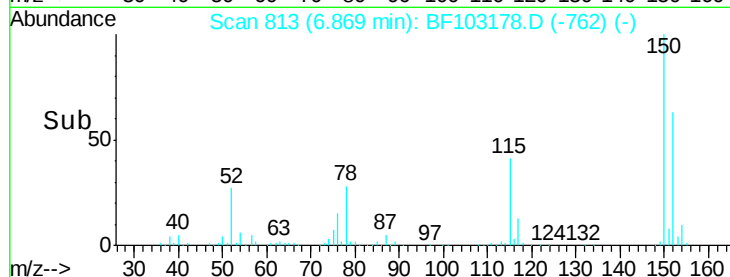
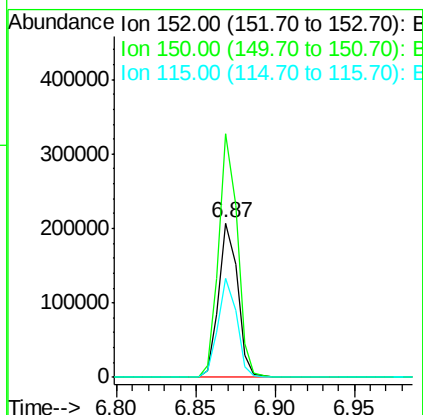
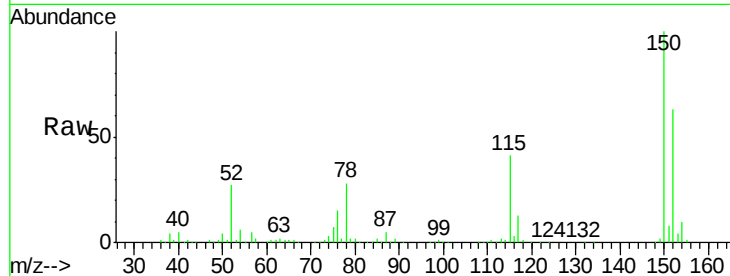


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

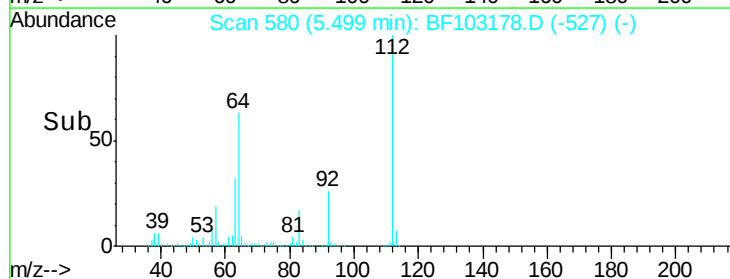
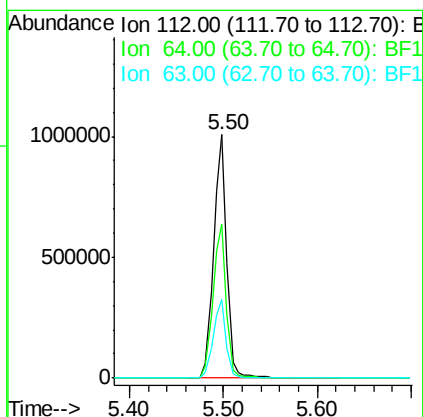
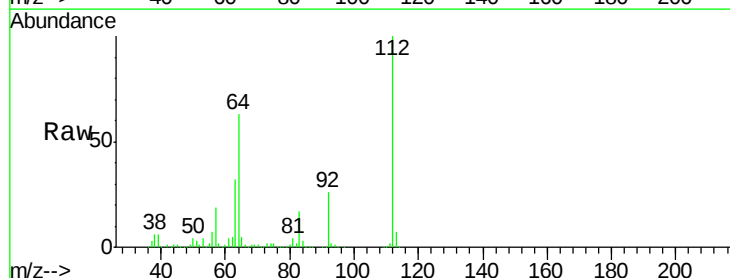
Tot Ion:152 Resp: 173574
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 64.1 50.1 75.1



#5

2-Fluorophenol
Concen: 86.909 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Tgt Ion:112 Resp: 997413
Ion Ratio Lower Upper
112 100
64 63.3 47.9 71.9
63 32.3 23.7 35.5





#7

Phenol-d6

Concen: 84.377 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

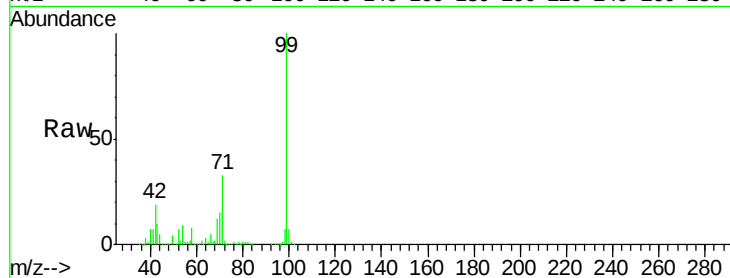
Tot Ion: 99 Resp: 1184925

Ion Ratio Lower Upper

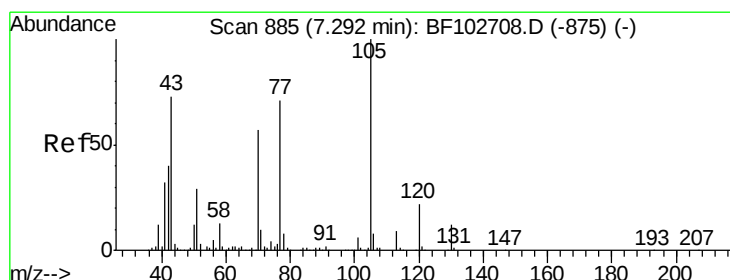
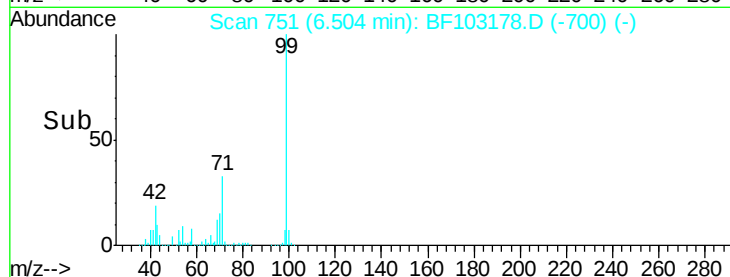
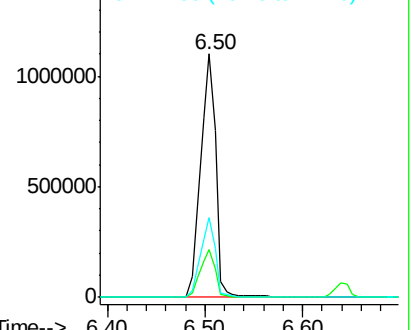
99 100

42 19.5 14.5 21.7

71 32.9 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: 11.374 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Tgt Ion: 70 Resp: 99405

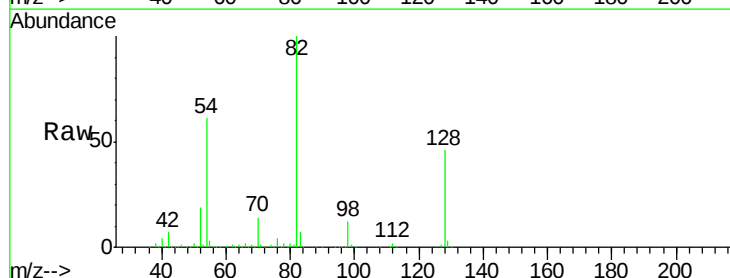
Ion Ratio Lower Upper

70 100

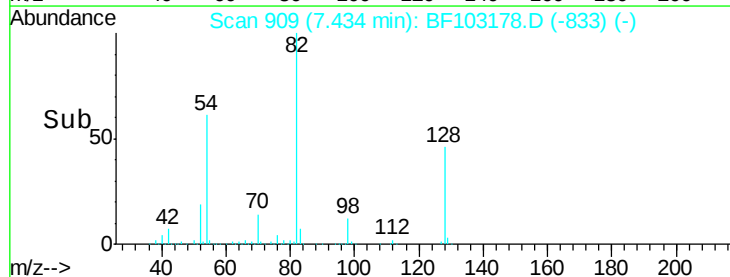
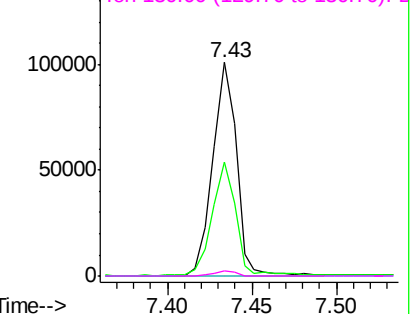
42 53.3 47.5 71.3

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

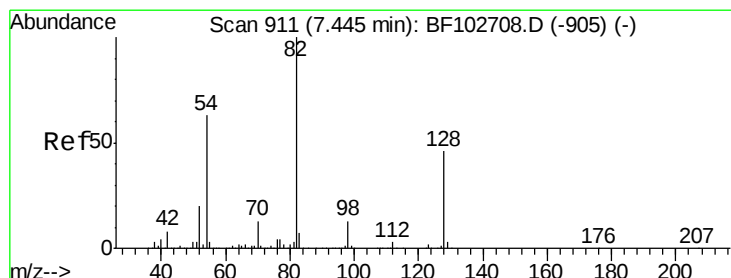
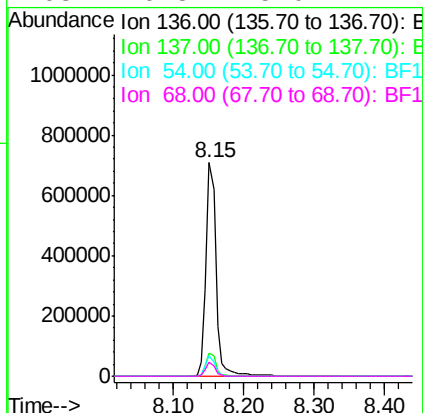
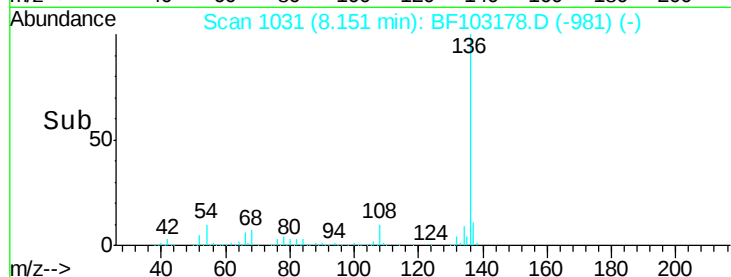
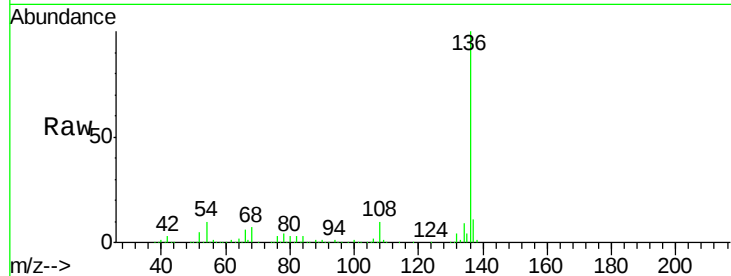




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

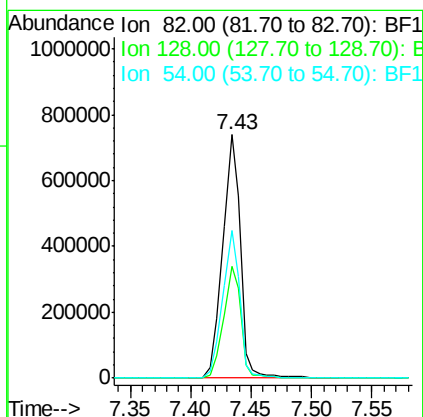
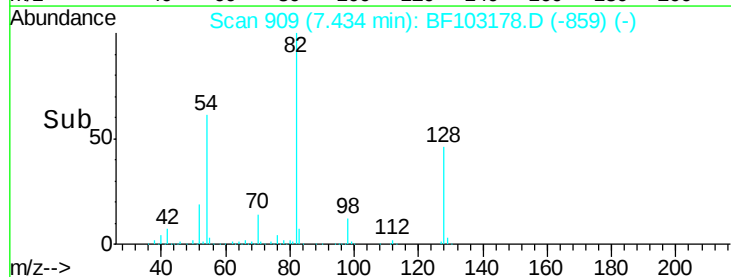
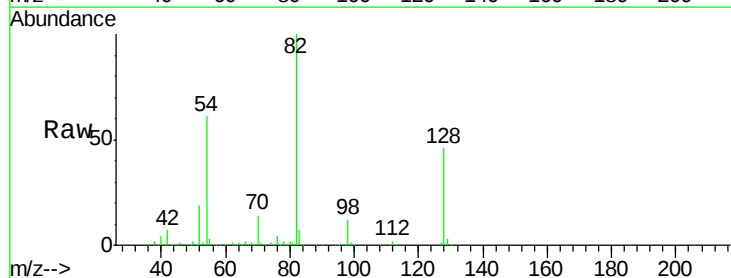
Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

Tot Ion:136	Resp:	703230
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	9.9	6.6 9.8#
68	6.8	5.0 7.4



#23
Nitrobenzene-d5
Concen: 61.023 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Tgt Ion: 82	Resp:	751428
Ion	Ratio	Lower Upper
82	100	
128	46.1	36.1 54.1
54	60.6	41.4 62.2





#25

Isophorone

Concen: 30.983 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

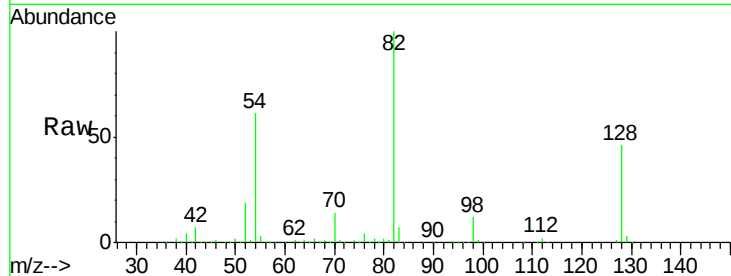
Tot Ion: 82 Resp: 751418

Ion Ratio Lower Upper

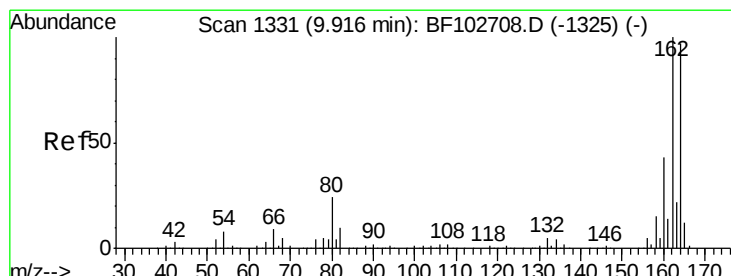
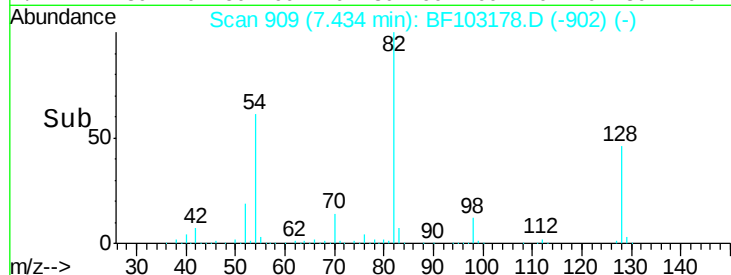
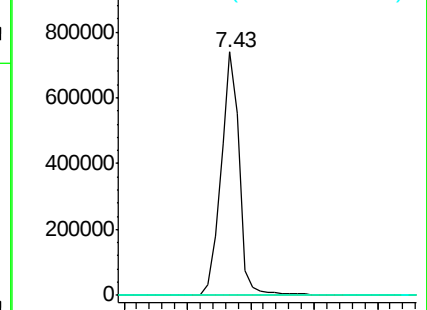
82 100

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

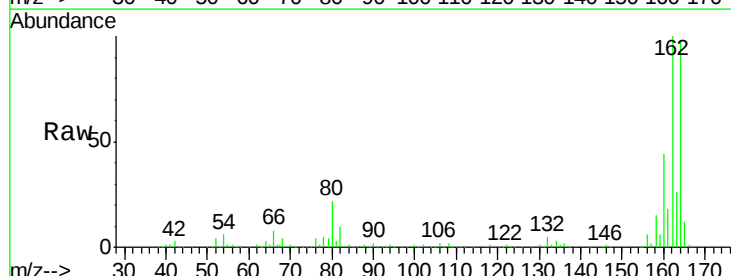
Tgt Ion: 164 Resp: 270519

Ion Ratio Lower Upper

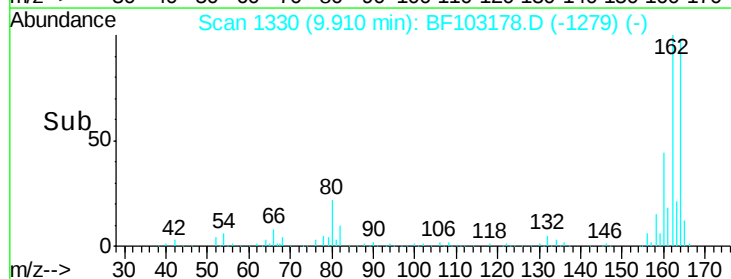
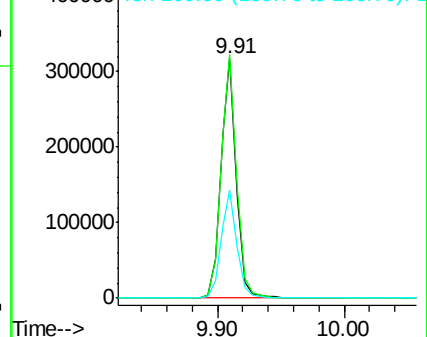
164 100

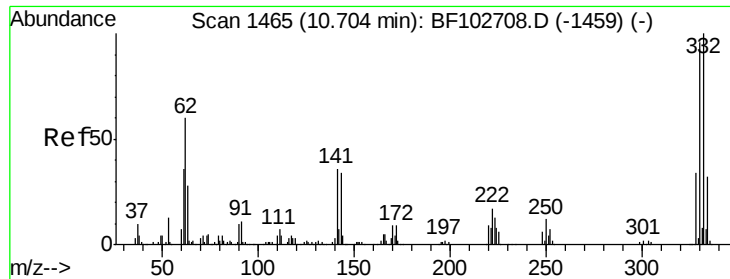
162 101.6 86.1 129.1

160 45.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

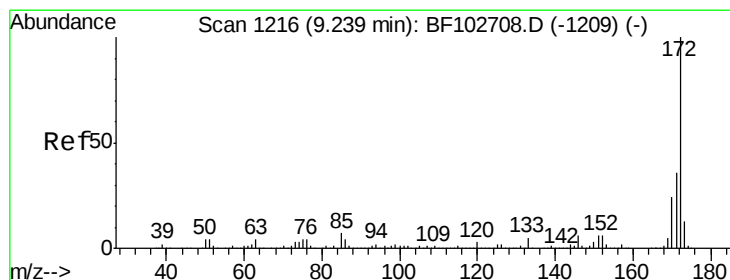
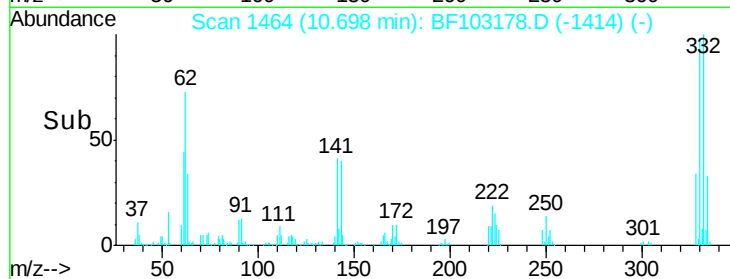
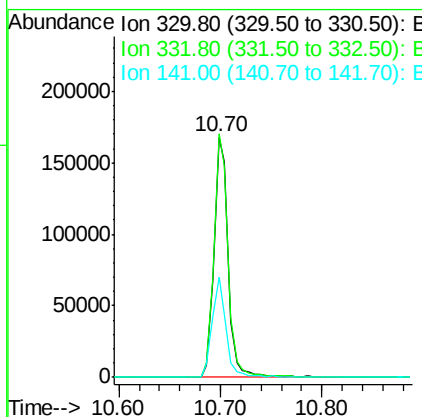
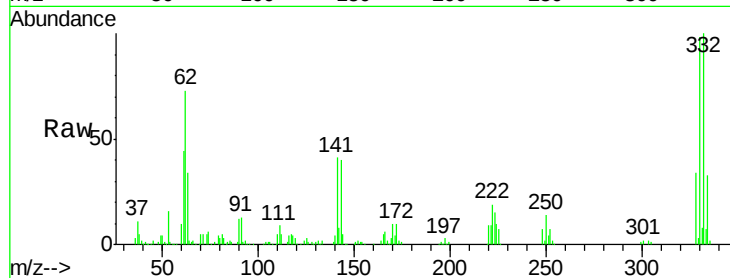




#41
 2,4,6-Tribromophenol
 Concen: 71.737 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103178.D
 Acq: 22 Feb 2018 22:21

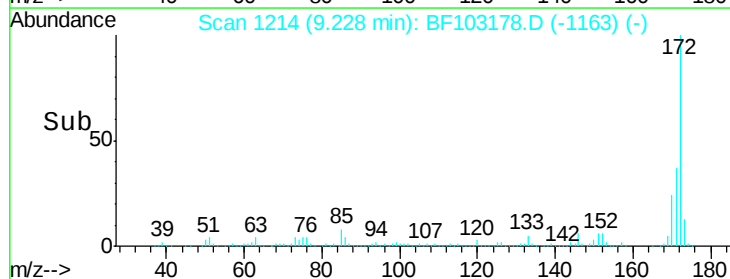
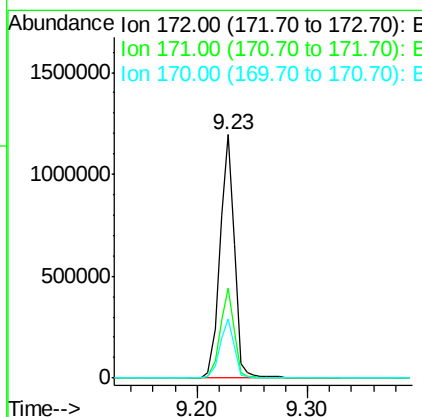
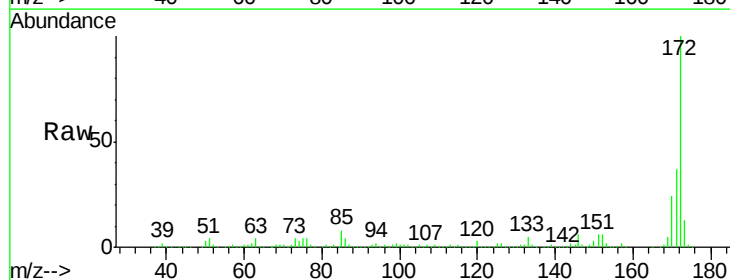
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-6FT

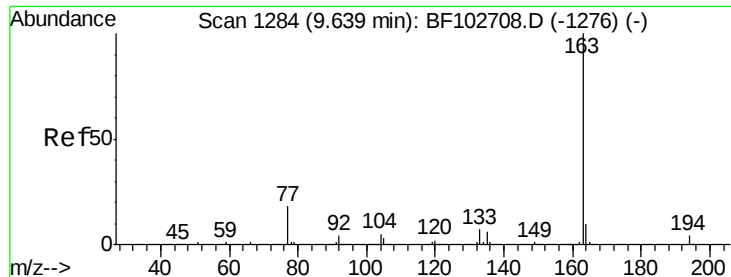
Tot Ion:330 Resp: 164263
 Ion Ratio Lower Upper
 330 100
 332 101.3 77.0 115.6
 141 40.3 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 65.742 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103178.D
 Acq: 22 Feb 2018 22:21

Tgt Ion:172 Resp: 1090567
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.5 19.6 29.4

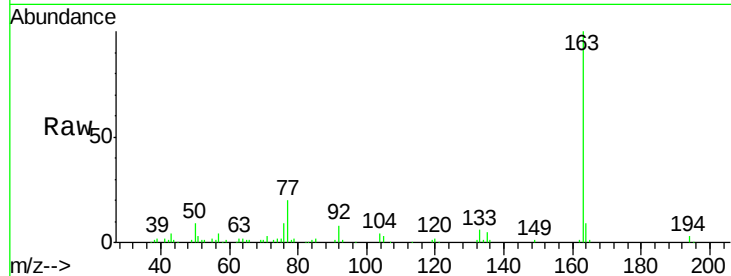




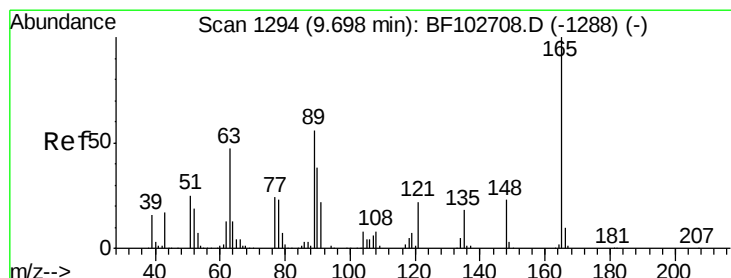
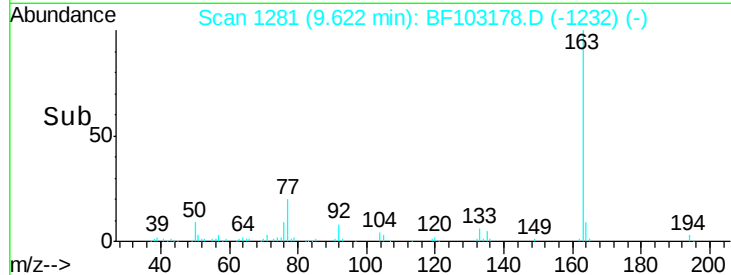
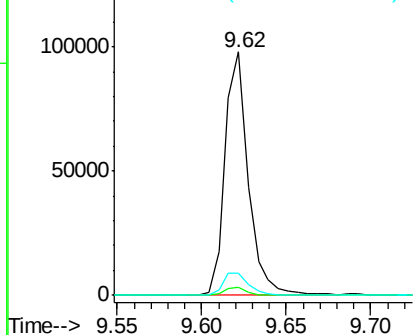
#49
Dimethylphthalate
Concen: 4.355 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Instrument :
BNA_F
ClientSampled :
TP-1-6FT

Tot Ion:163 Resp: 94517
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.1 8.2 12.2

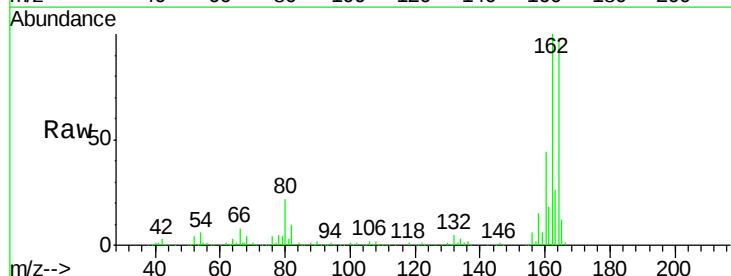


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

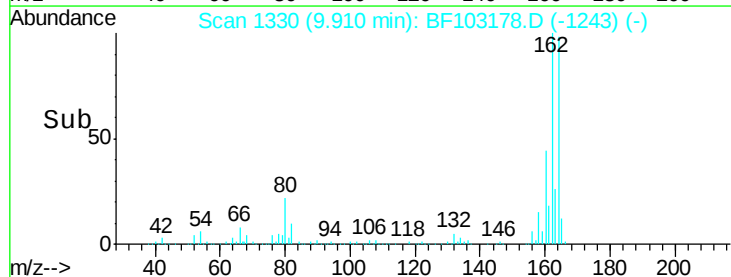
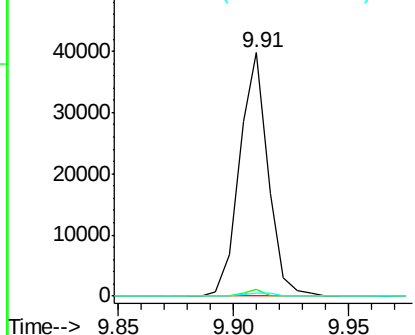


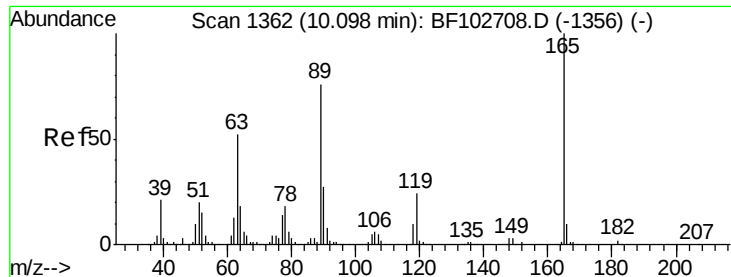
#50
2,6-Dinitrotoluene
Concen: 7.531 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Tgt Ion:165 Resp: 34296
Ion Ratio Lower Upper
165 100
63 2.6 44.7 67.1#
89 1.1 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

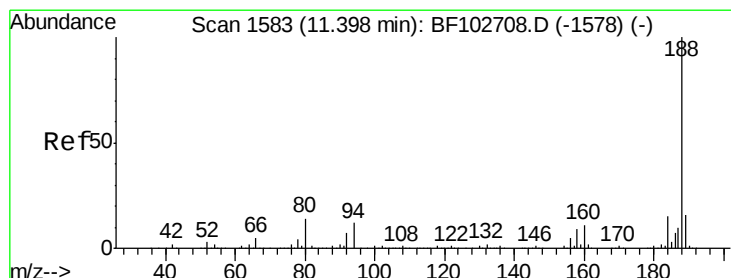
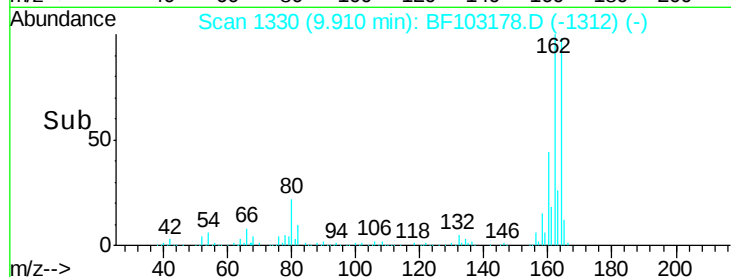
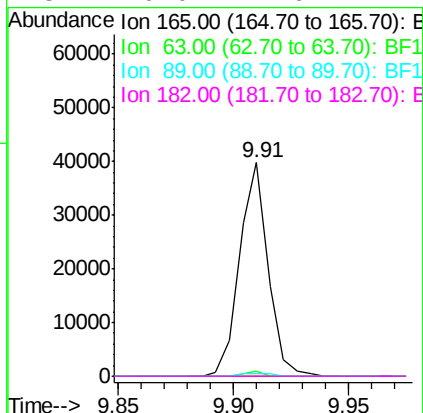
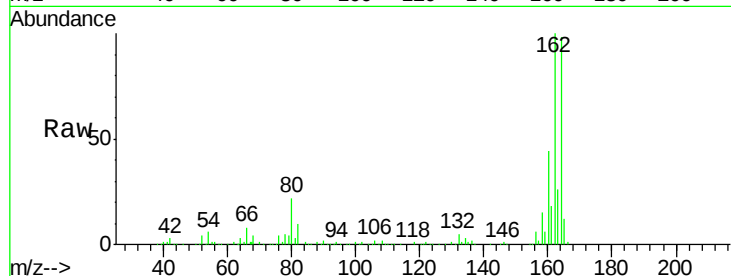




#56
 2,4-Dinitrotoluene
 Concen: 5.954 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.19 min
 Lab File: BF103178.D
 Acq: 22 Feb 2018 22:21

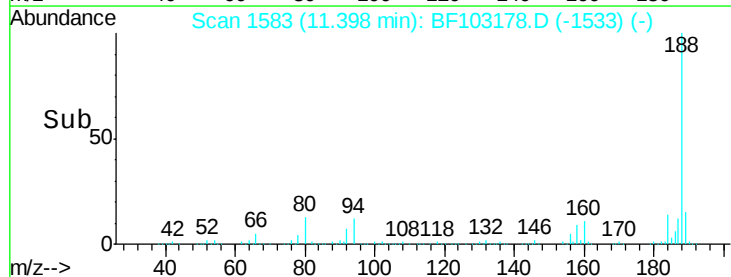
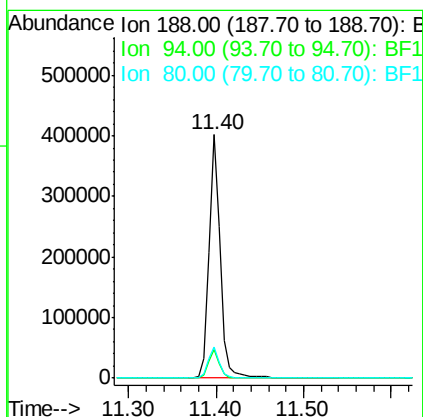
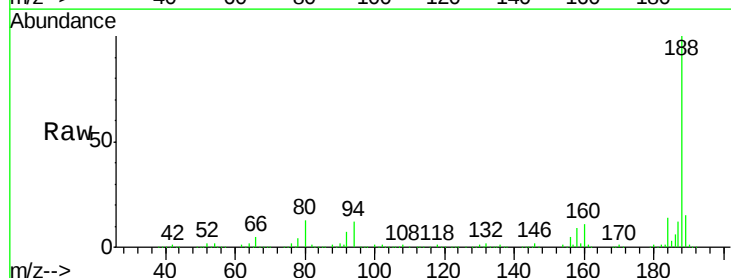
Instrument :
 BNA_F
 ClientSampleId :
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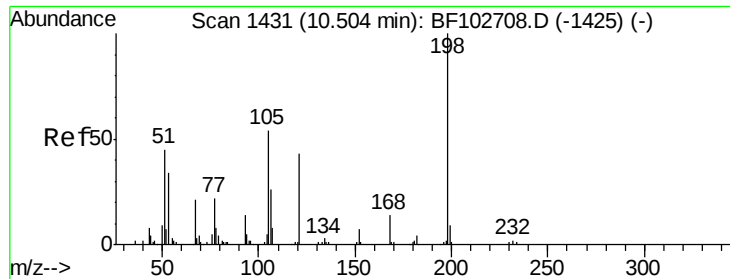
Tot Ion:165 Resp: 34296
 Ion Ratio Lower Upper
 165 100
 63 2.6 36.4 54.6#
 89 1.1 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103178.D
 Acq: 22 Feb 2018 22:21

Tgt Ion:188 Resp: 357646
 Ion Ratio Lower Upper
 188 100
 94 11.9 8.5 12.7
 80 12.6 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 5.015 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.18 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

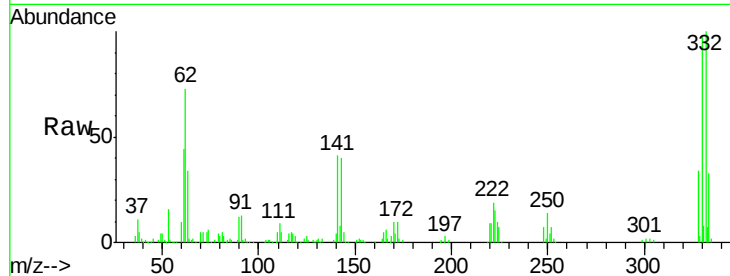
Tot Ion:198 Resp: 168

Ion Ratio Lower Upper

198 100

51 203.2 37.7 77.7#

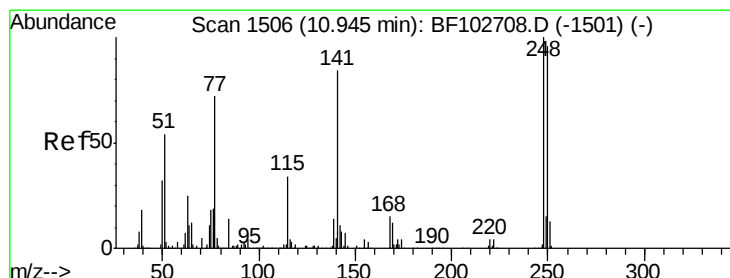
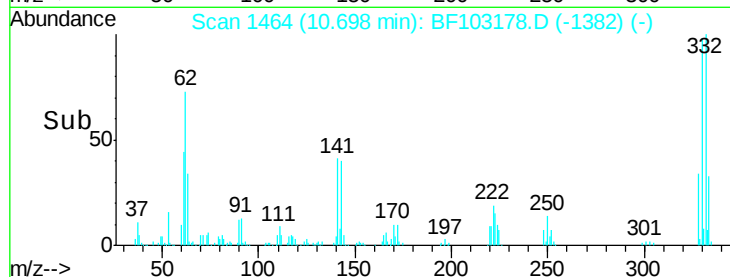
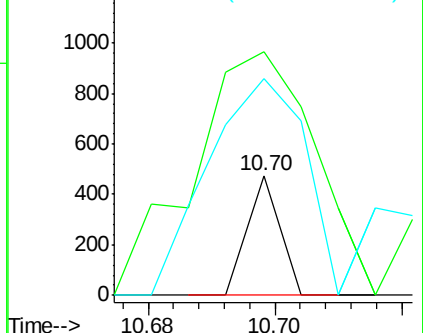
105 180.4 36.3 76.3#



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: 2.827 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.24 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

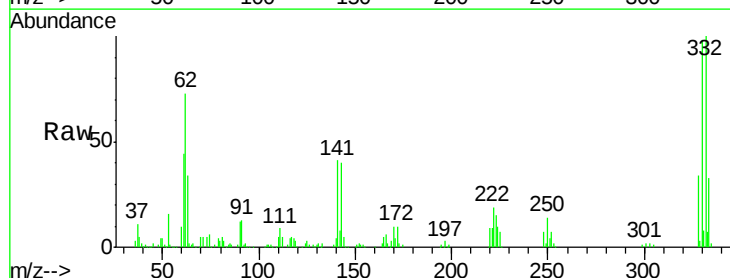
Tgt Ion:248 Resp: 10533

Ion Ratio Lower Upper

248 100

250 211.2 76.9 115.3#

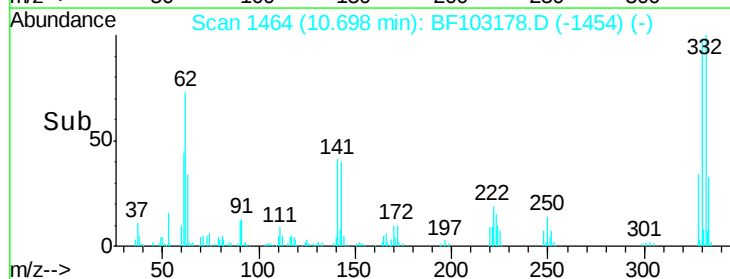
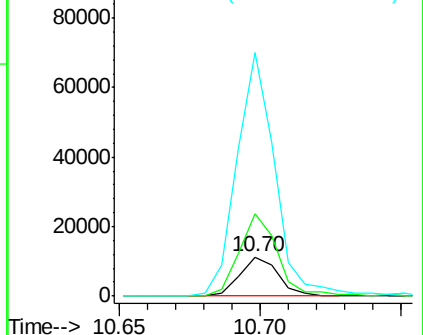
141 619.9 74.4 111.6#

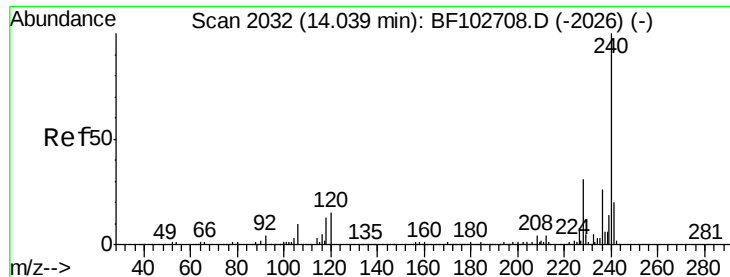


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

Instrument :

BNA_F

ClientSampleId :

TP-1-6FT

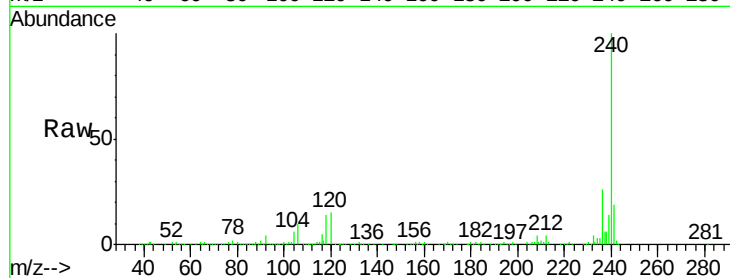
Tot Ion:240 Resp: 298568

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

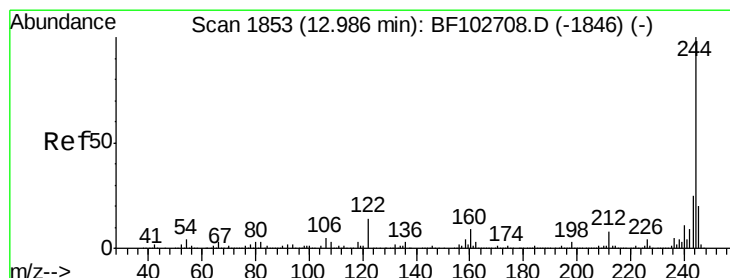
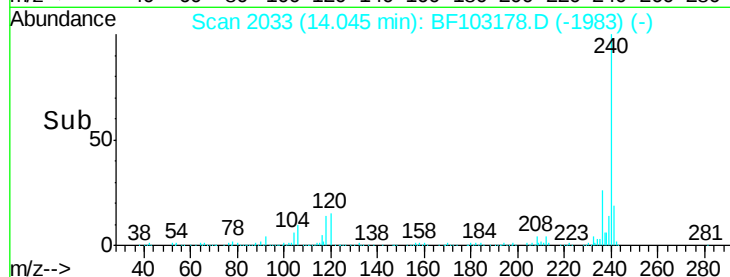
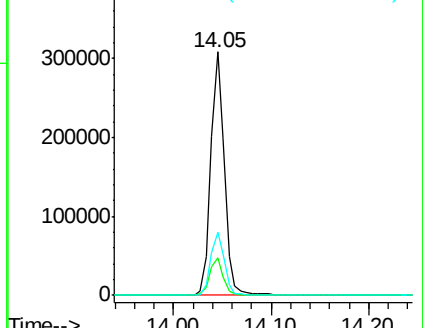
236 25.8 20.7 31.1



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: 54.749 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103178.D

Acq: 22 Feb 2018 22:21

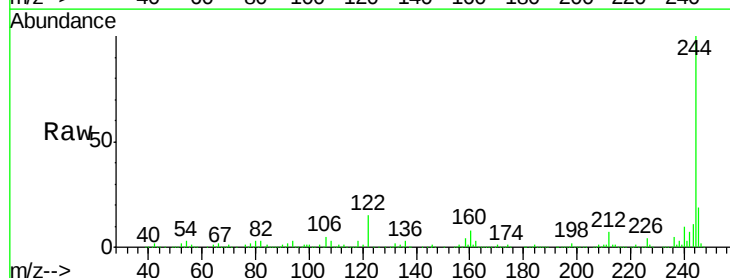
Tgt Ion:244 Resp: 679999

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

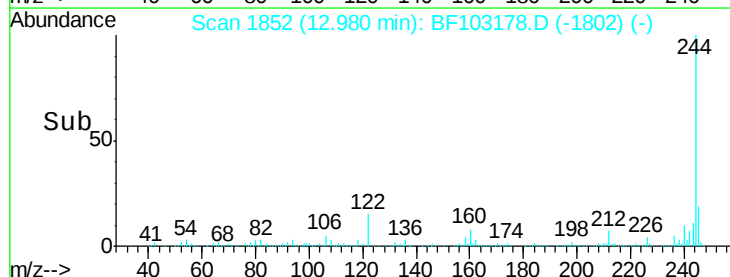
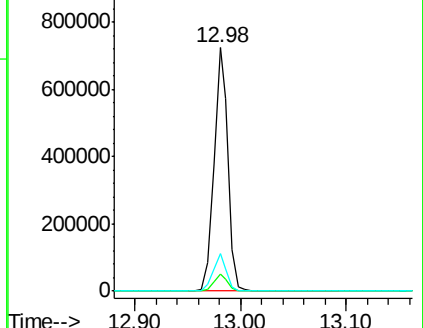
122 15.4 11.0 16.4

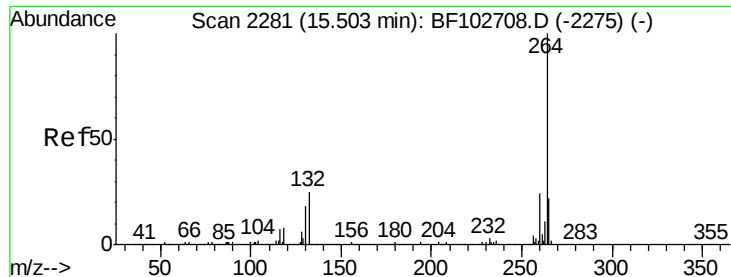


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BF103178.D
Acq: 22 Feb 2018 22:21

Instrument :
BNA_F
ClientSampleId :
TP-1-6FT

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.5	26.3

