

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
 Data File : BF102867.D
 Acq On : 8 Feb 2018 20:16
 Operator : SJ/JU
 Sample : J1470-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 00:24:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	187849	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	715971	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	292261	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	410307	20.00	ng	0.00
75) Chrysene-d12	14.05	240	344542	20.00	ng	0.00
86) Perylene-d12	15.54	264	271462	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1169107	94.52	ng	0.00
7) Phenol-d6	6.52	99	1450140	97.37	ng	0.01
23) Nitrobenzene-d5	7.45	82	910082	88.18	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	196364	83.48	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1067038	60.58	ng	0.00
78) Terphenyl-d14	13.00	244	744375	51.16	ng	0.00

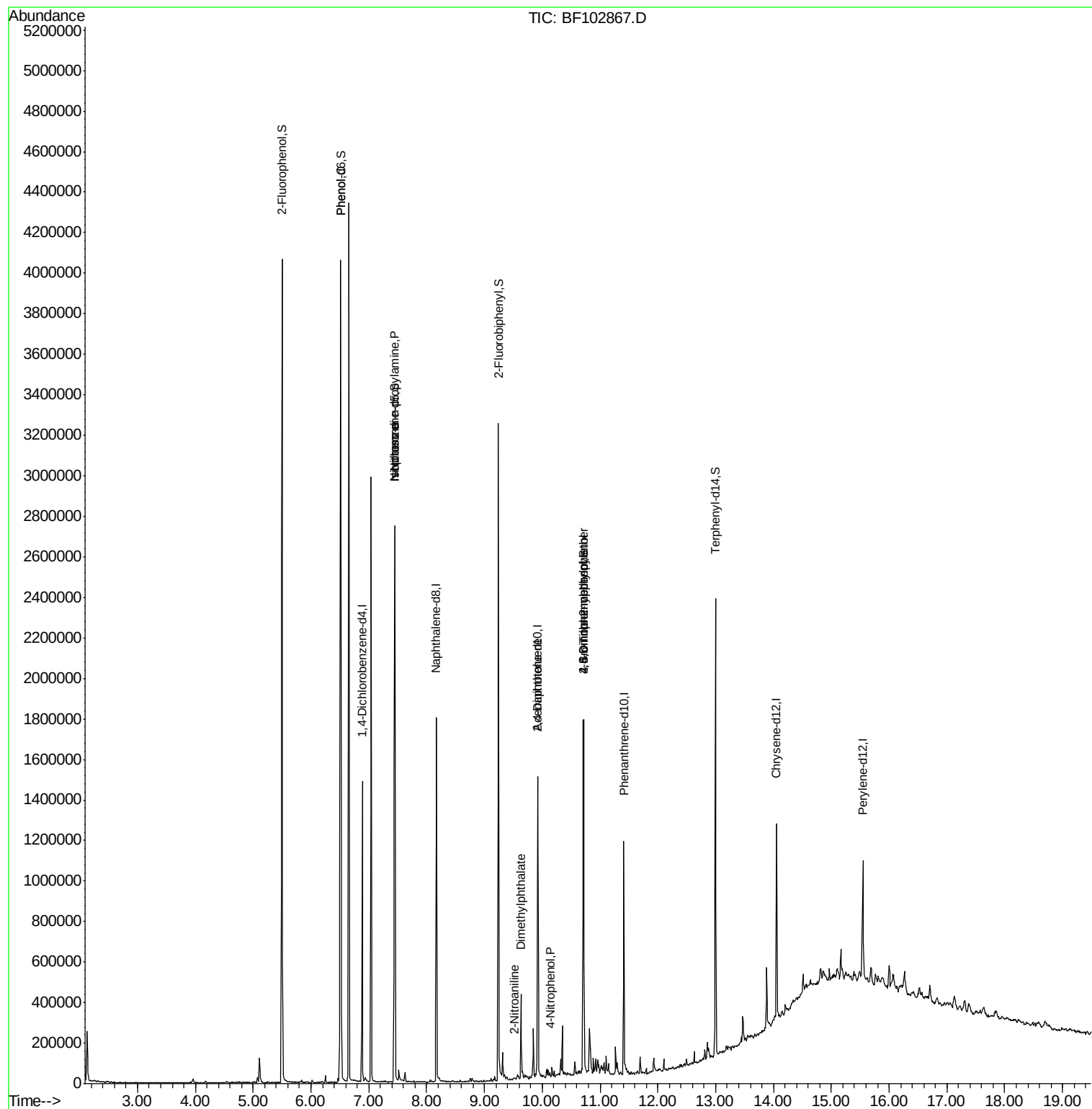
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	86352	5.41	ng	78
19) n-Nitroso-di-n-propylamine	7.45	70	122542	12.48	ng	# 85
25) Isophorone	7.45	82	910072	38.29	ng	# 64
47) 2-Nitroaniline	9.53	65	992	3.63	ng	# 2
49) Dimethylphthalate	9.63	163	137409	6.03	ng	99
55) 4-Nitrophenol	10.13	139	470	4.13	ng	# 68
56) 2,4-Dinitrotoluene	9.92	165	38118	9.21	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.71	198	357	8.99	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	13245	3.05	ng	# 1

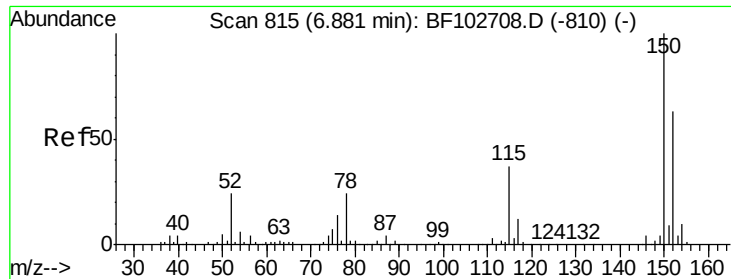
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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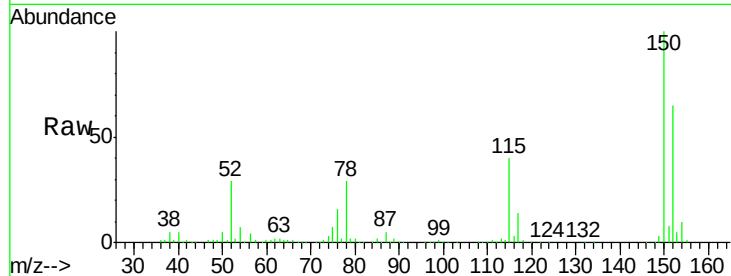


#1

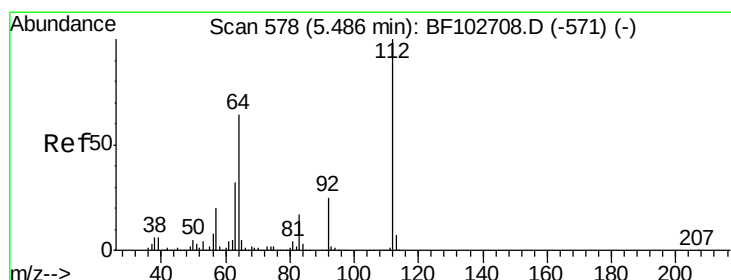
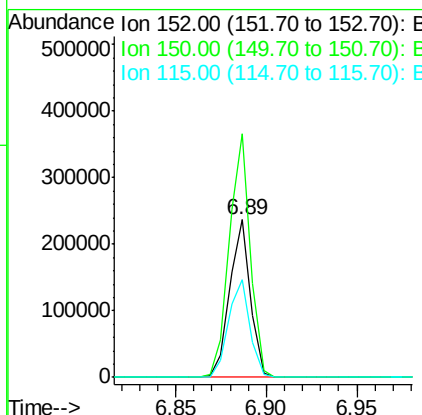
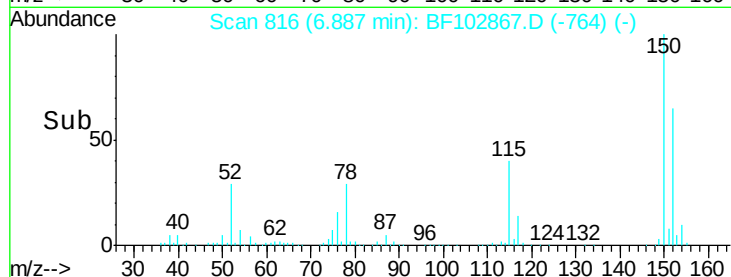
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 187849
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 62.0 50.1 75.1



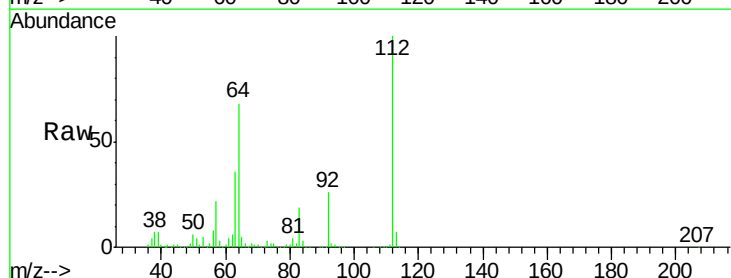
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



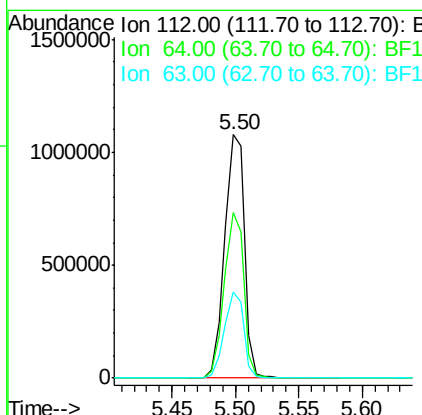
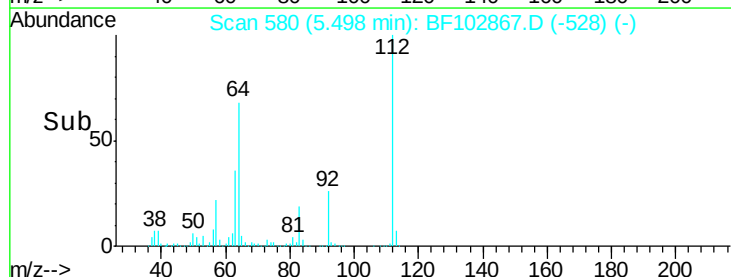
#5

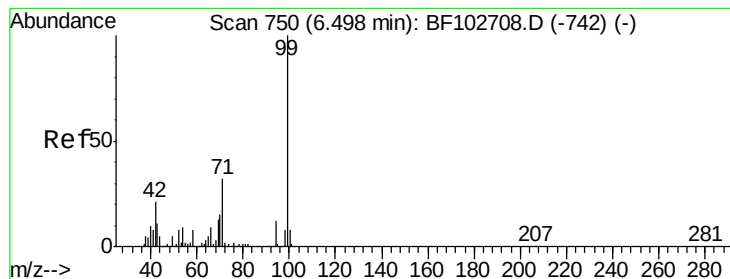
2-Fluorophenol
Concen: 94.52 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

Tgt Ion:112 Resp: 1169107
Ion Ratio Lower Upper
112 100
64 68.2 47.9 71.9
63 35.5 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: 97.37 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102867.D

Acq: 8 Feb 2018 20:16

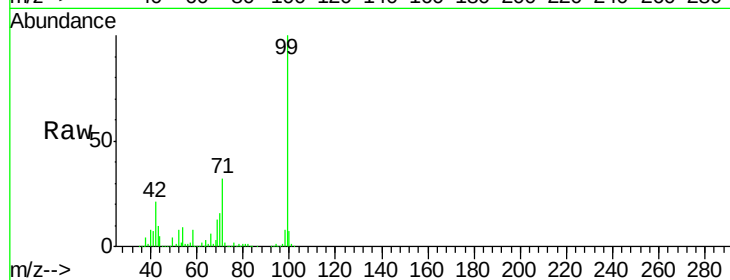
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1450140

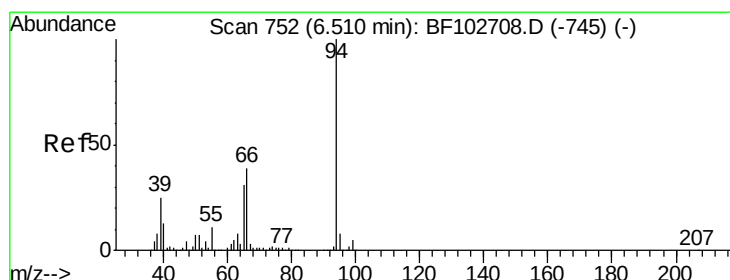
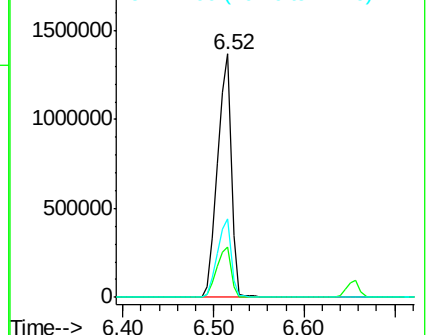
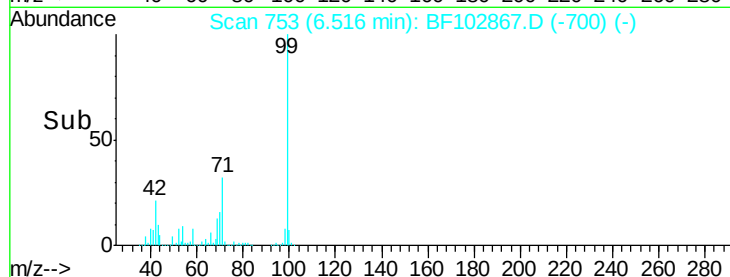
Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	32.5	25.4	38.0



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: 5.41 ng

RT: 6.52 min Scan# 754

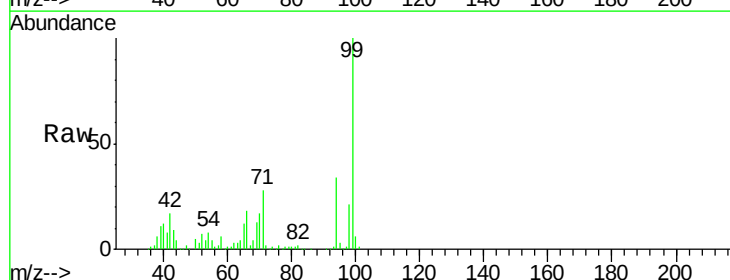
Delta R.T. 0.00 min

Lab File: BF102867.D

Acq: 8 Feb 2018 20:16

Tgt Ion: 94 Resp: 86352

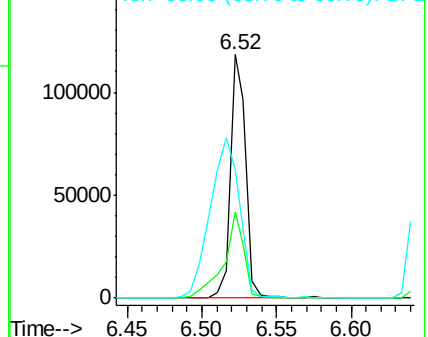
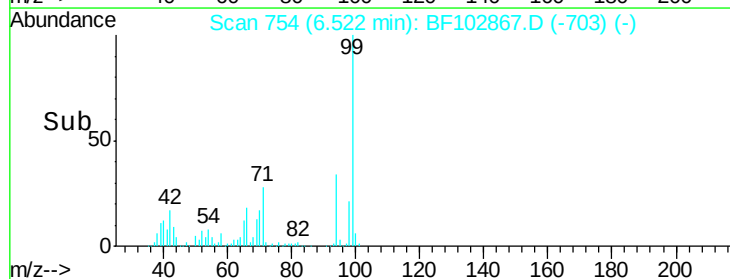
Ion	Ratio	Lower	Upper
94	100		
65	35.4	7.9	47.9
66	52.8	16.2	56.2

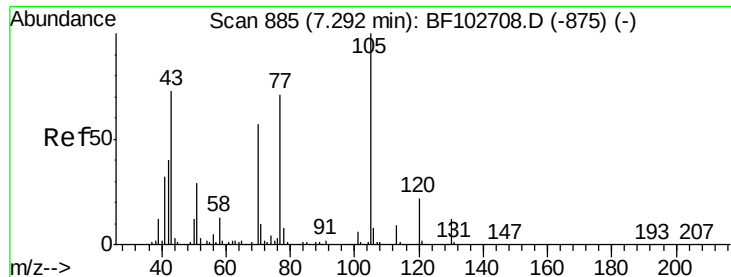


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

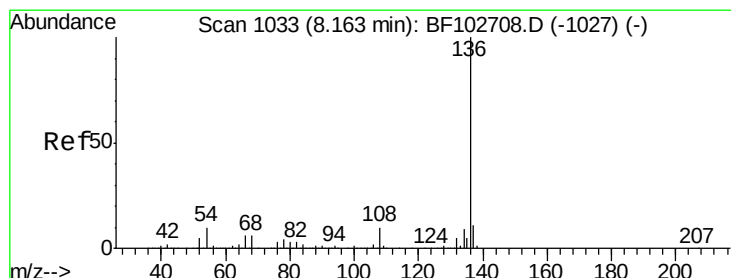
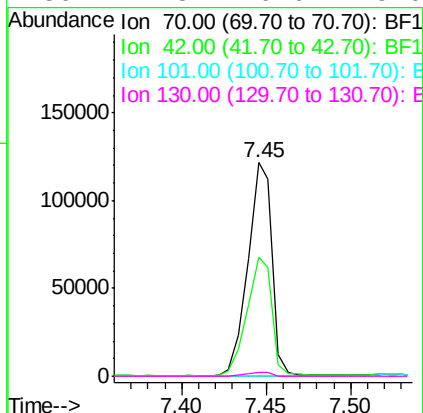
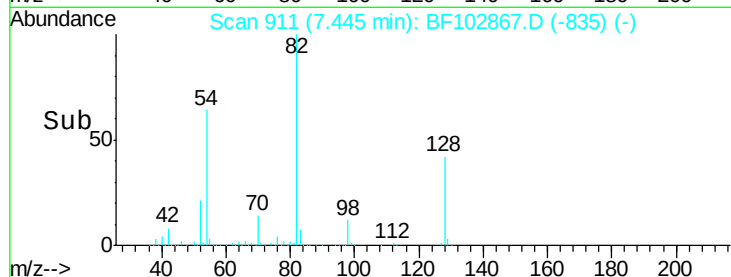
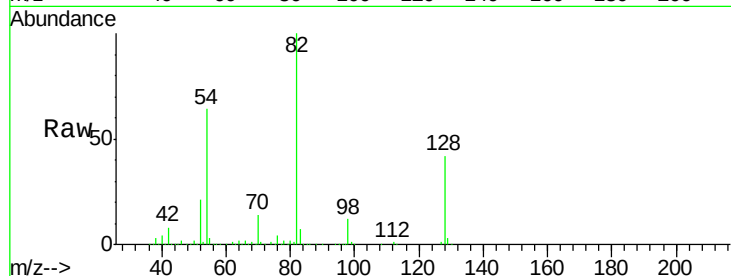




#19
n-Nitroso-di-n-propylamine
Concen: 12.48 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

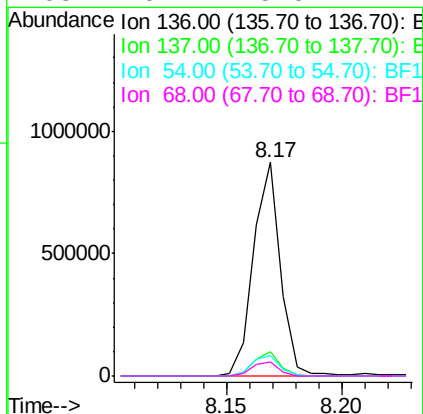
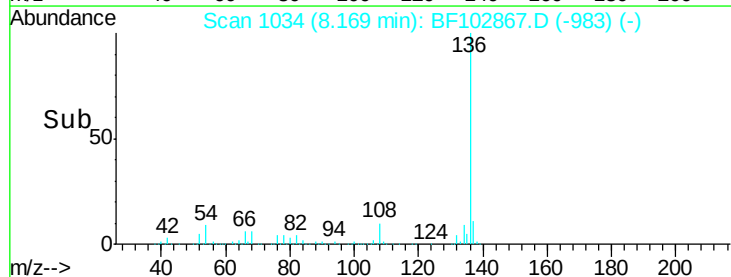
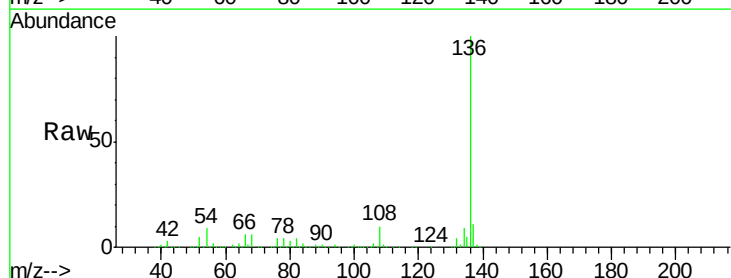
Instrument :
BNA_F
ClientSampleId :

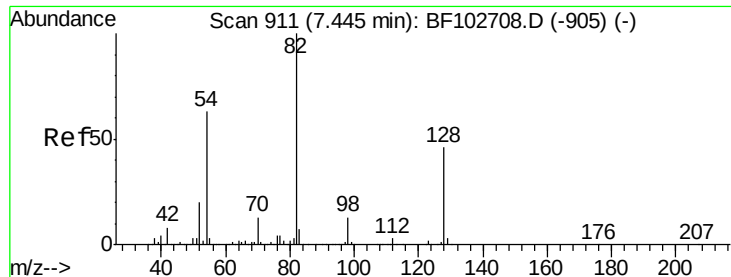
Tot Ion: 70 Resp: 122542
Ion Ratio Lower Upper
70 100
42 55.8 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

Tgt Ion:136 Resp: 715971
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.5 6.6 9.8
68 6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 88.18 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102867.D

Acq: 8 Feb 2018 20:16

Instrument :

BNA_F

ClientSampled :

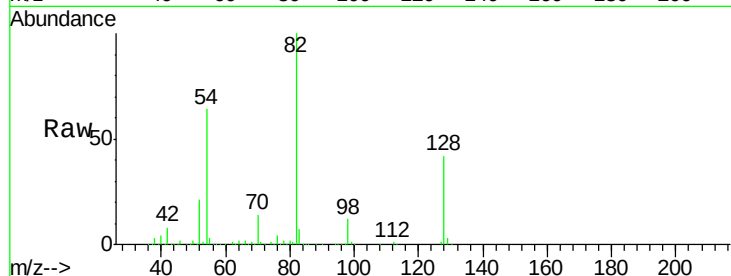
Tot Ion: 82 Resp: 910082

Ion Ratio Lower Upper

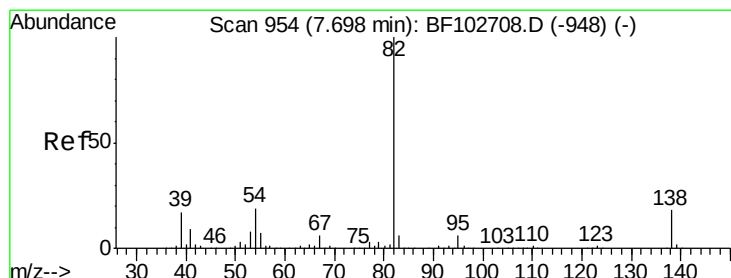
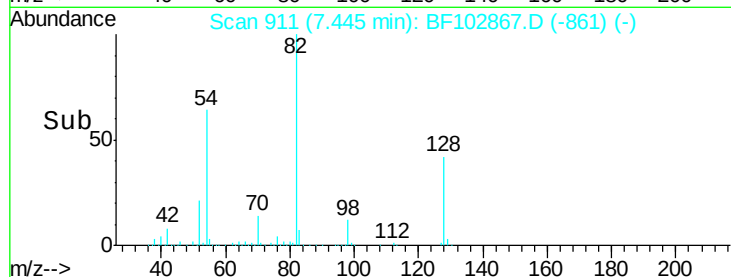
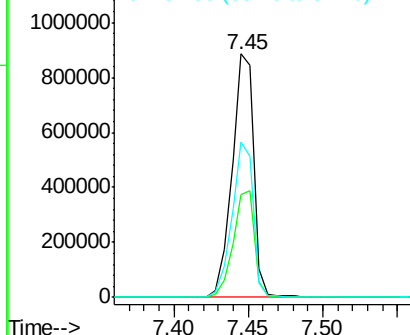
82 100

128 42.1 36.1 54.1

54 63.8 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: 38.29 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF102867.D

Acq: 8 Feb 2018 20:16

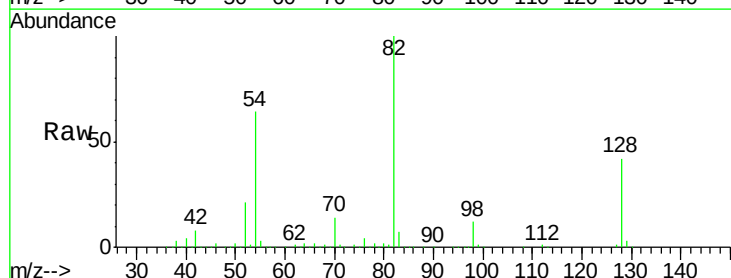
Tgt Ion: 82 Resp: 910072

Ion Ratio Lower Upper

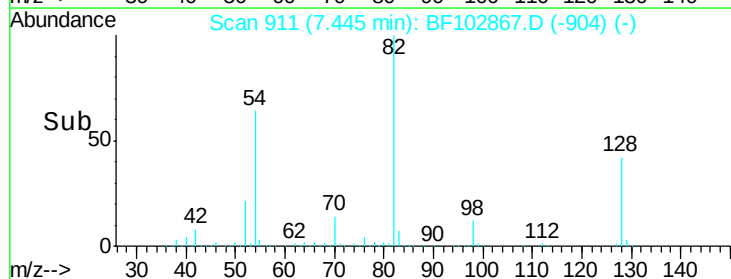
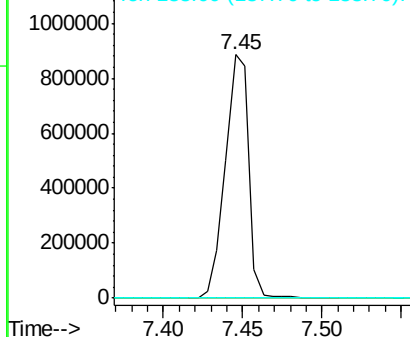
82 100

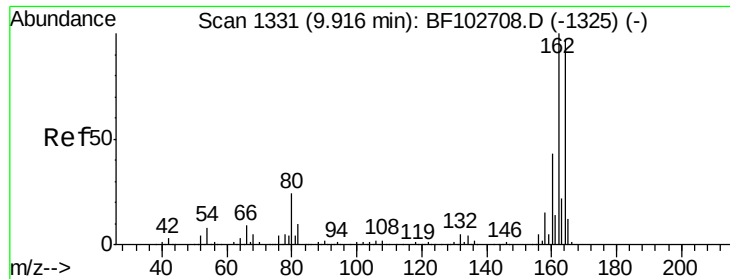
95 0.0 5.2 7.8#

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: 20.00 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF102867.D

Acq: 8 Feb 2018 20:16

Instrument :

BNA_F

ClientSampleId :

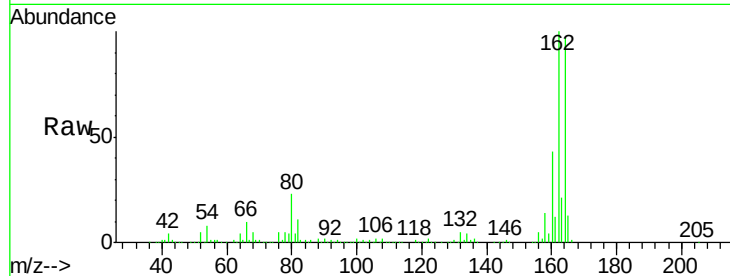
Tot Ion:164 Resp: 292261

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

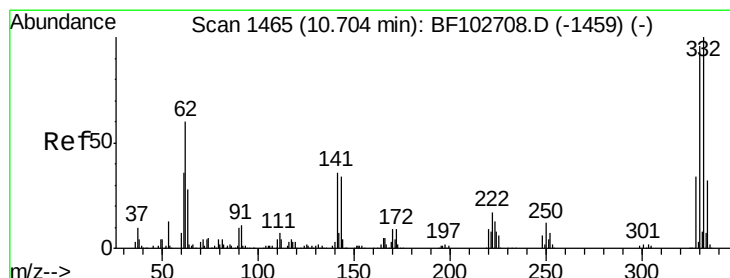
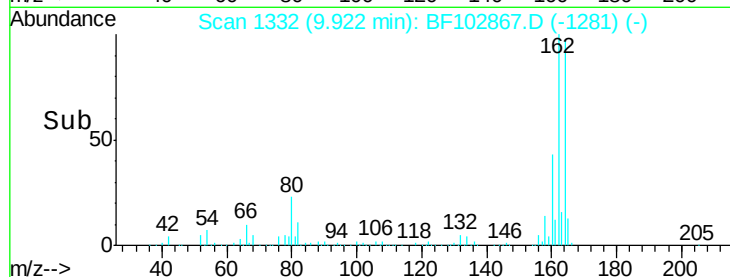
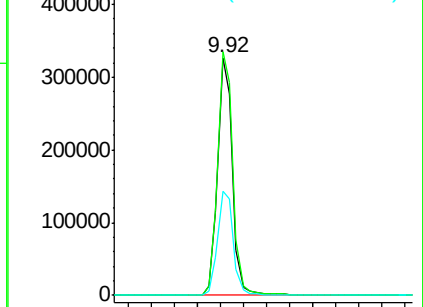
160 44.0 38.3 57.5



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: 83.48 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF102867.D

Acq: 8 Feb 2018 20:16

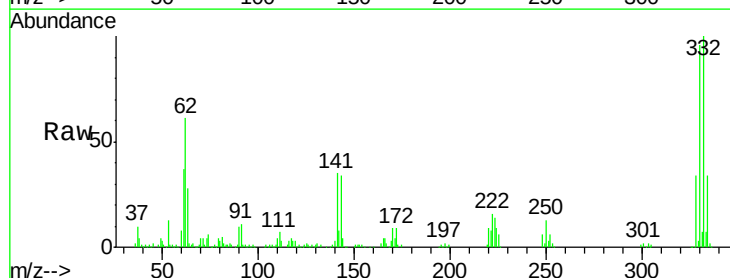
Tgt Ion:330 Resp: 196364

Ion Ratio Lower Upper

330 100

332 104.4 77.0 115.6

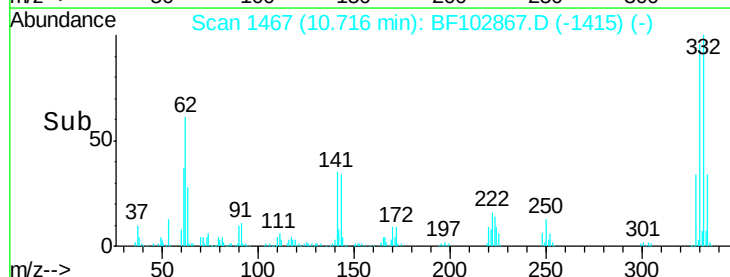
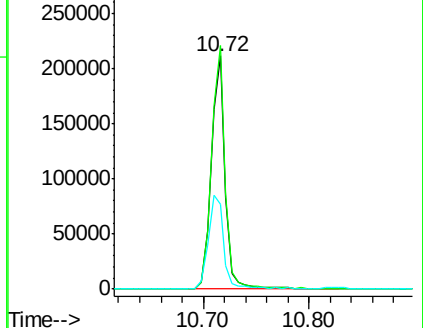
141 44.4 29.9 44.9

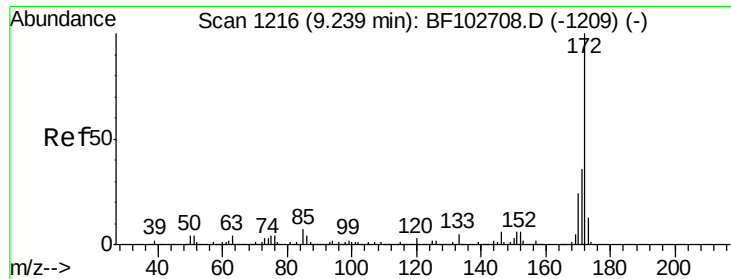


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

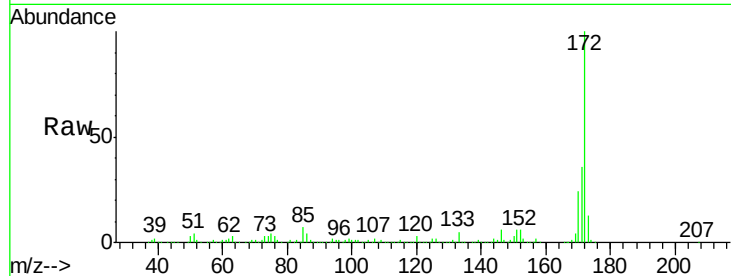




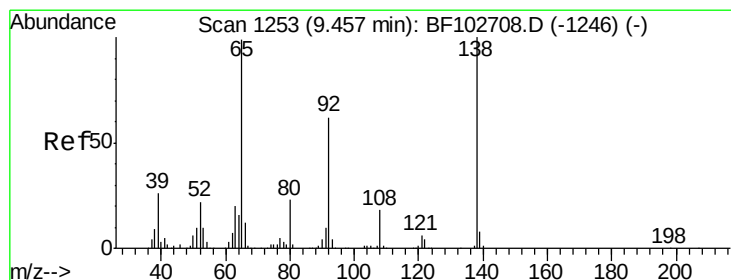
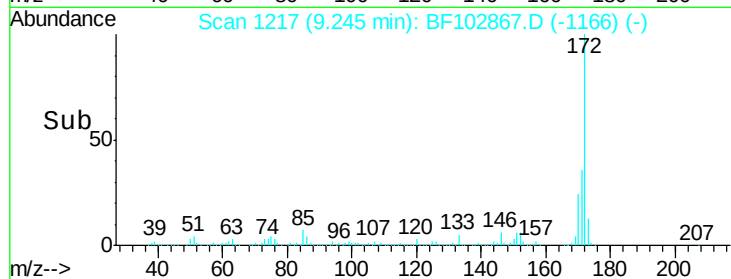
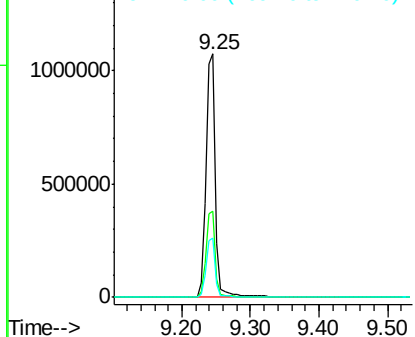
#44
2-Fluorobiphenyl
Concen: 60.58 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1067038
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 24.5 19.6 29.4

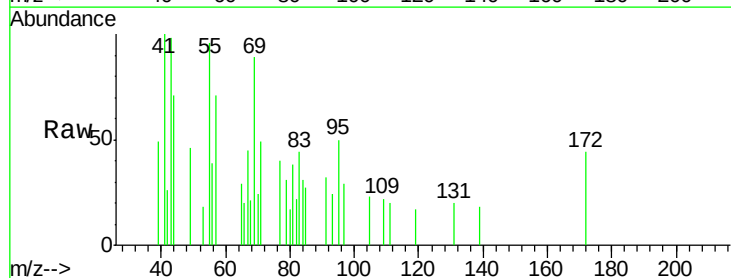


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

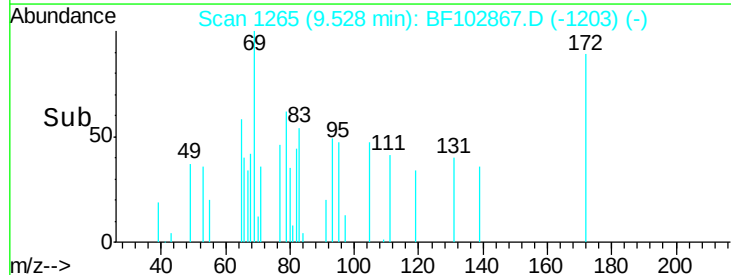
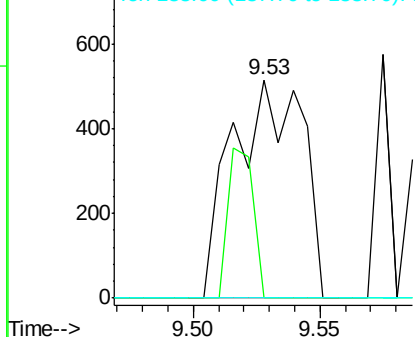


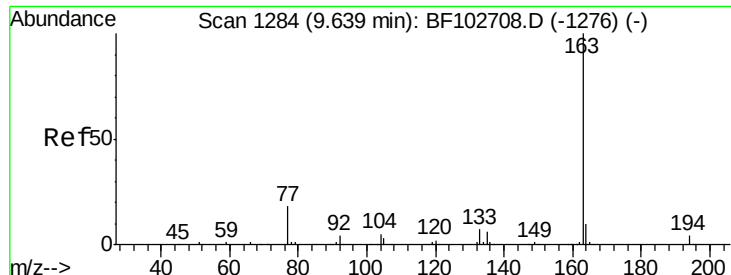
#47
2-Nitroaniline
Concen: 3.63 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.06 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

Tgt Ion: 65 Resp: 992
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



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

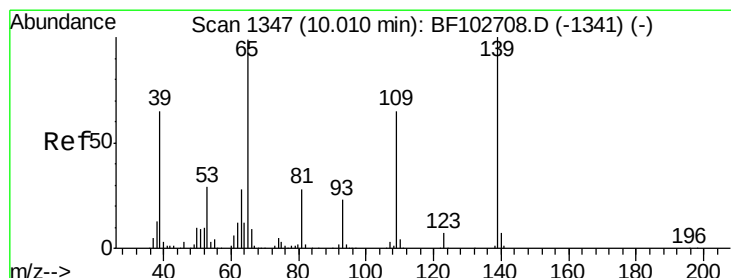
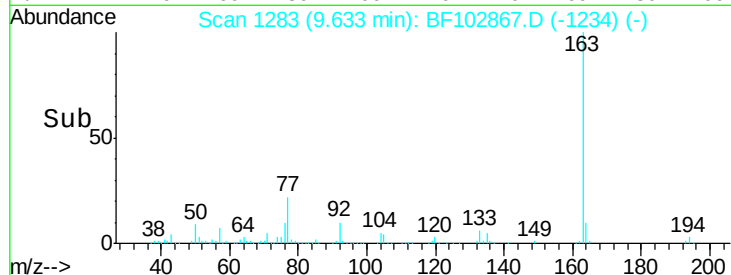
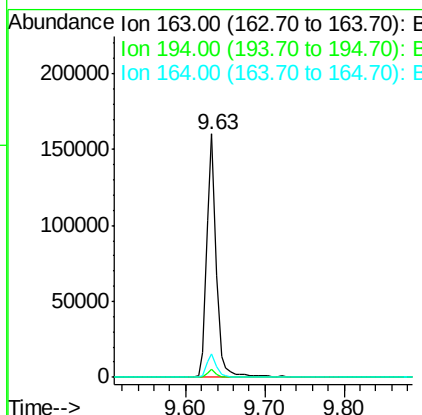
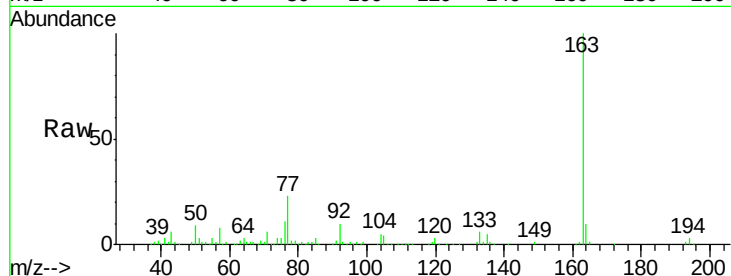




#49
Dimethylphthalate
Concen: 6.03 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

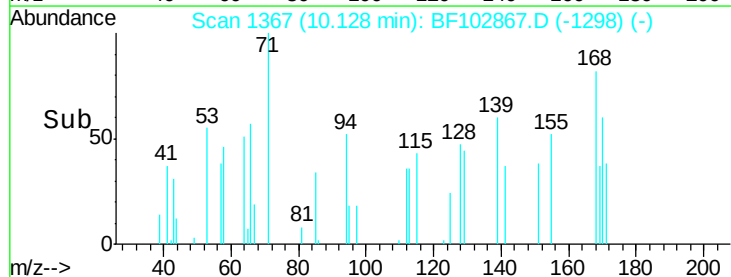
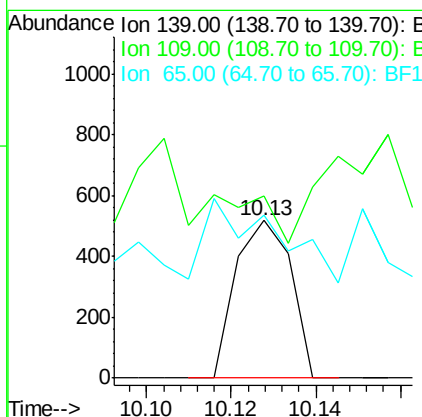
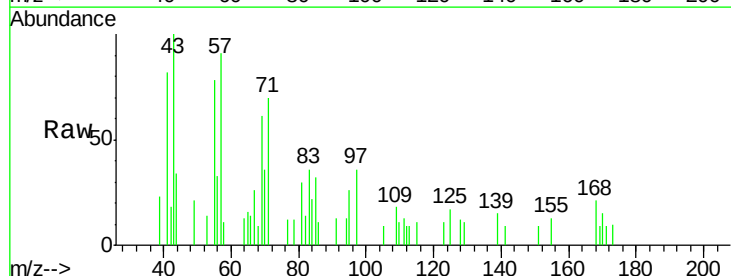
Instrument :
BNA_F
ClientSampleId :

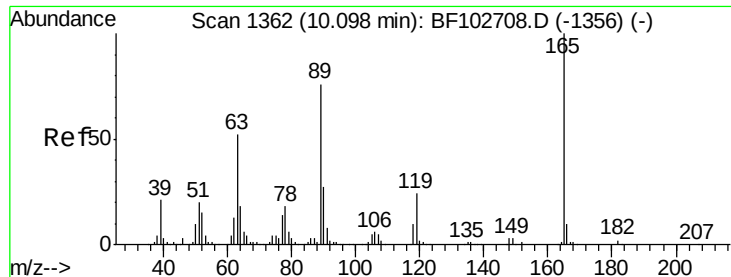
Tot Ion:163 Resp: 137409
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.6 8.2 12.2



#55
4-Nitrophenol
Concen: 4.13 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

Tgt Ion:139 Resp: 470
Ion Ratio Lower Upper
139 100
109 116.0 48.4 88.4#
65 103.7 72.6 112.6

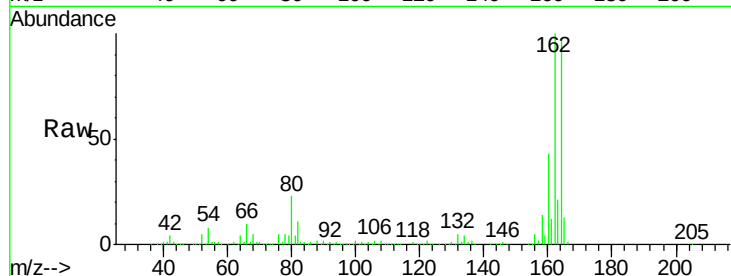




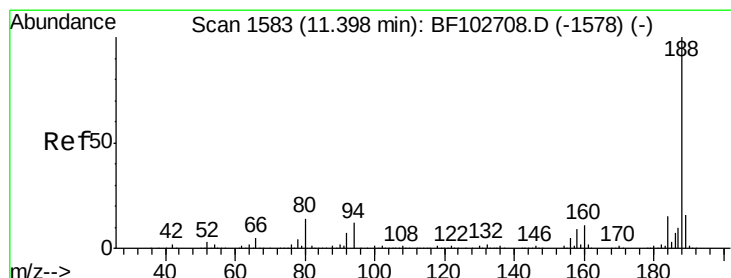
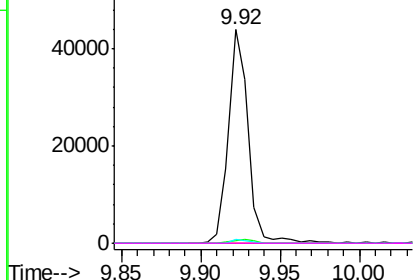
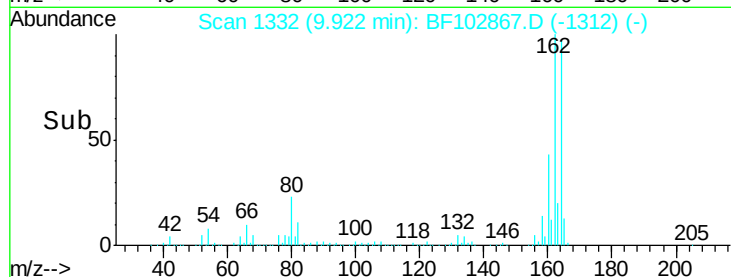
#56
2,4-Dinitrotoluene
Concen: 9.21 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 38118
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#

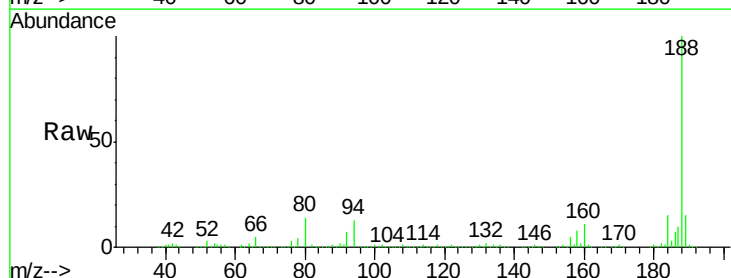


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

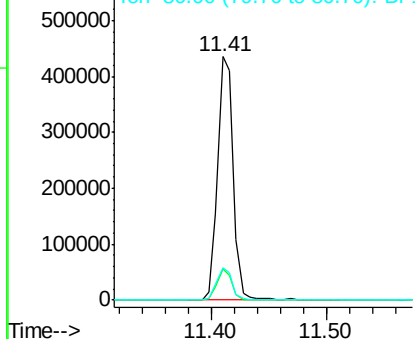
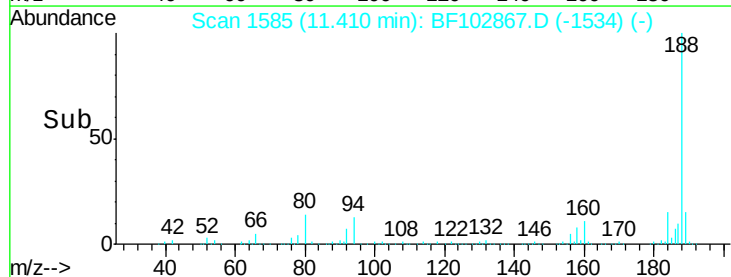


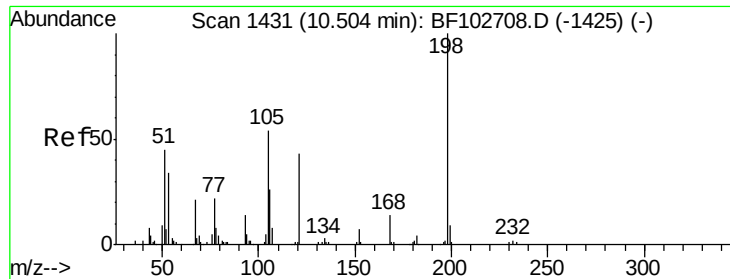
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

Tgt Ion:188 Resp: 410307
Ion Ratio Lower Upper
188 100
94 12.9 8.5 12.7#
80 13.6 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

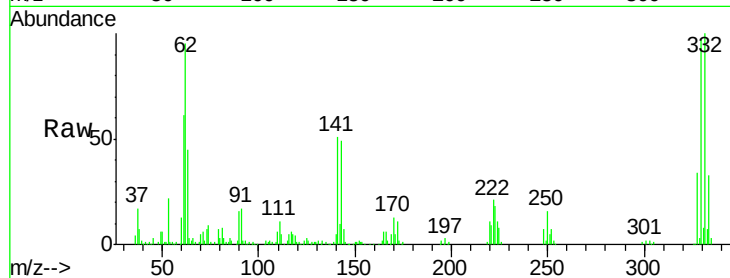




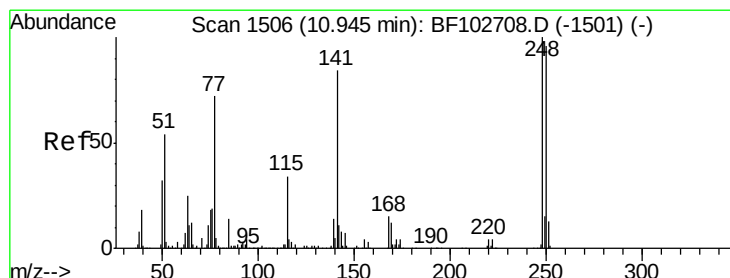
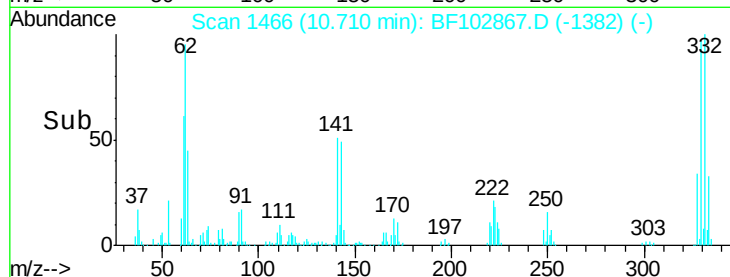
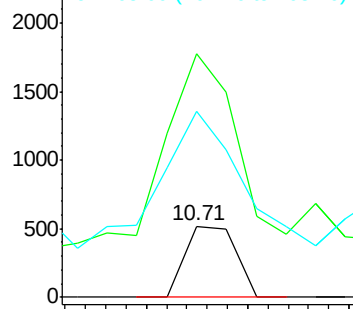
#64
4,6-Dinitro-2-methylphenol
Concen: 8.99 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 357
Ion Ratio Lower Upper
198 100
51 343.3 37.7 77.7#
105 262.5 36.3 76.3#

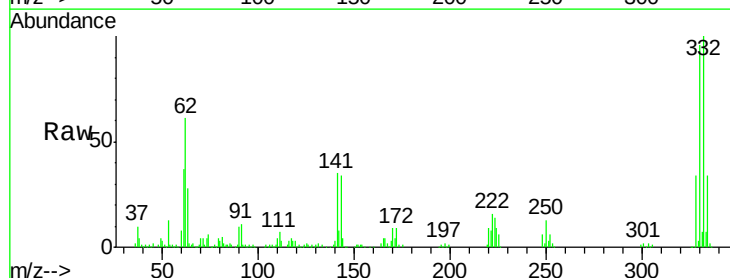


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

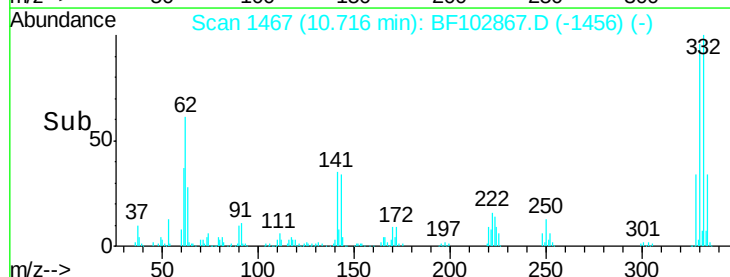
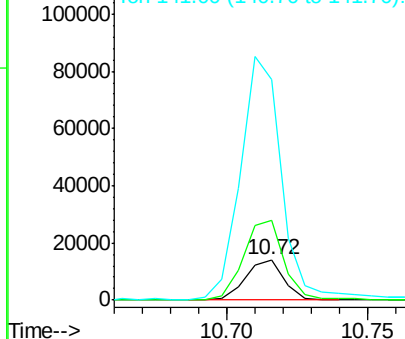


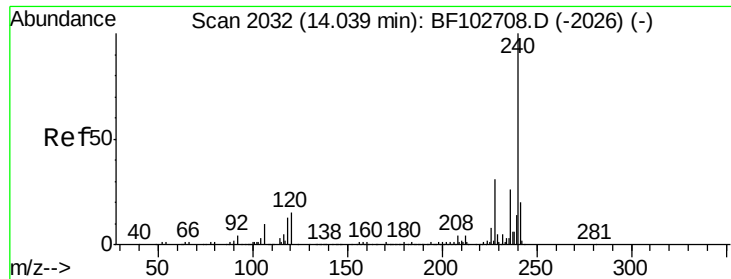
#66
4-Bromophenyl-phenylether
Concen: 3.05 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

Tgt Ion:248 Resp: 13245
Ion Ratio Lower Upper
248 100
250 198.6 76.9 115.3#
141 546.7 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: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102867.D

Acq: 8 Feb 2018 20:16

Instrument :

BNA_F

ClientSampleId :

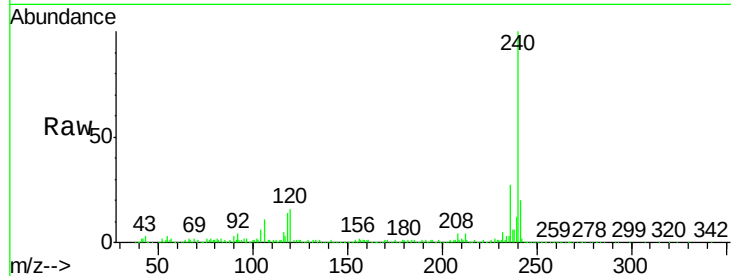
Tot Ion:240 Resp: 344542

Ion Ratio Lower Upper

240 100

120 16.2 9.5 14.3#

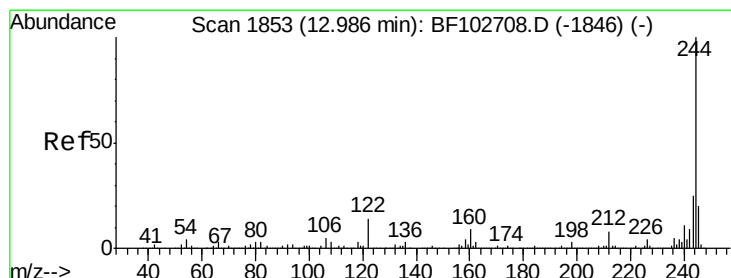
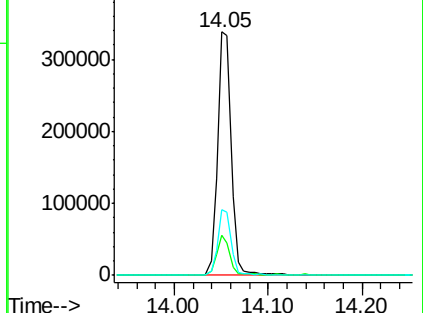
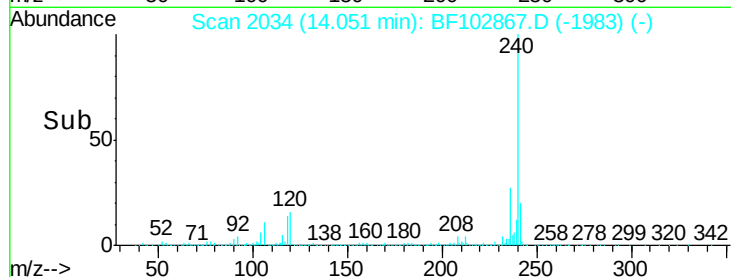
236 27.2 20.7 31.1



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: 51.16 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102867.D

Acq: 8 Feb 2018 20:16

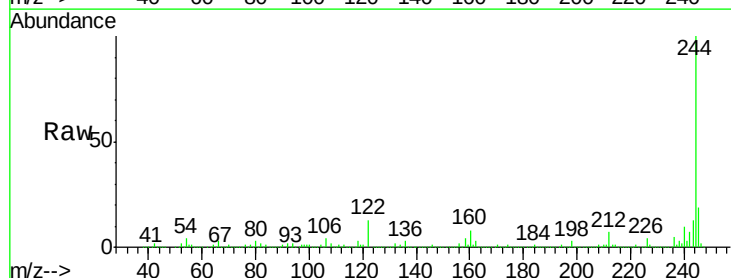
Tgt Ion:244 Resp: 744375

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

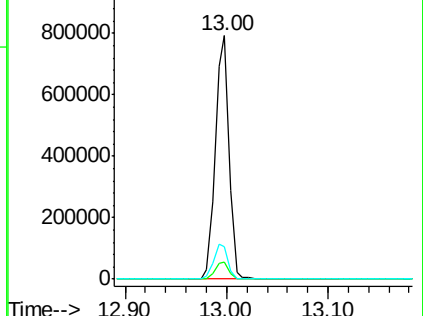
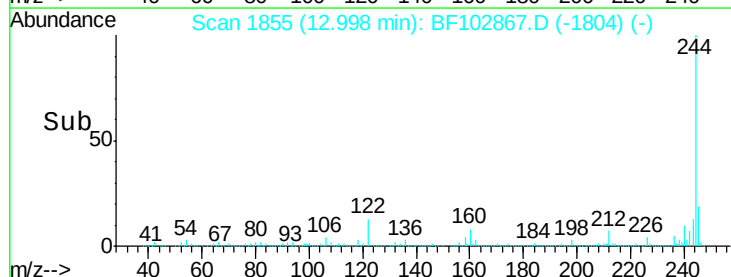
122 13.1 11.0 16.4

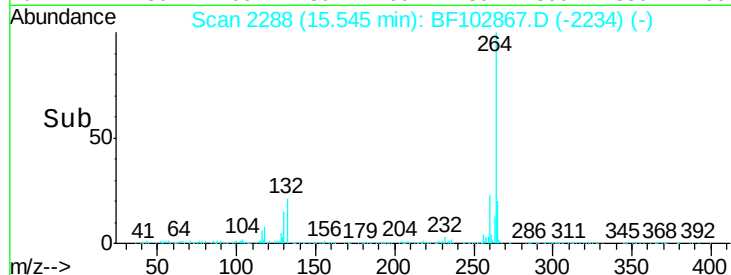
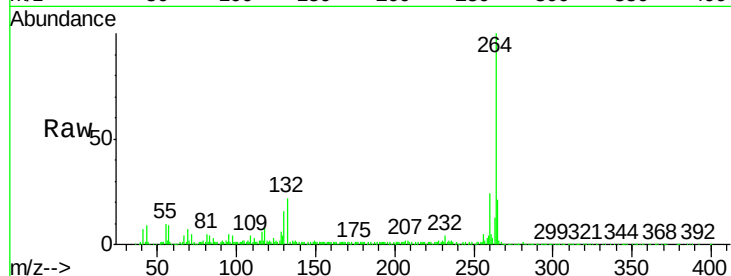
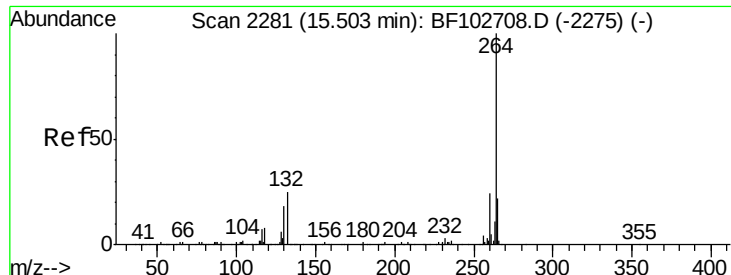


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	271462
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	20.6	17.5	26.3

