

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
 Data File : BF102862.D
 Acq On : 8 Feb 2018 18:01
 Operator : SJ/JU
 Sample : J1470-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 00:23:22 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

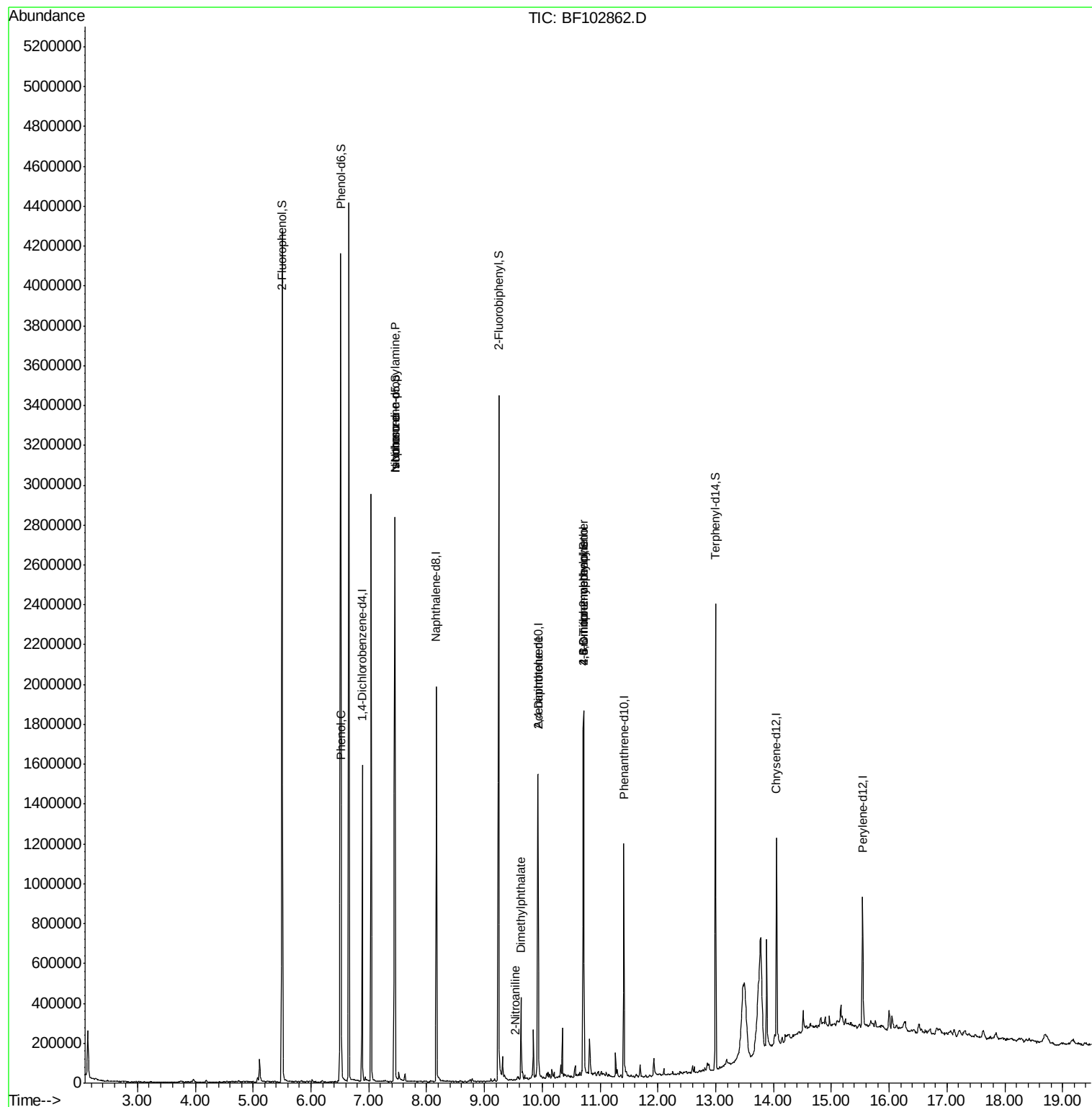
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	196457	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	775669	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	315508	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	426993	20.00	ng	0.00
75) Chrysene-d12	14.06	240	358079	20.00	ng	0.00
86) Perylene-d12	15.54	264	292646	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1178470	91.10	ng	0.01
7) Phenol-d6	6.52	99	1467950	94.24	ng	0.01
23) Nitrobenzene-d5	7.45	82	937181	83.82	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	190653	75.08	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1174502	61.77	ng	0.00
78) Terphenyl-d14	13.00	244	705161	46.63	ng	0.00
Target Compounds						
10) Phenol	6.53	94	36619	2.19	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.45	70	127533	12.42	ng	# 86
25) Isophorone	7.45	82	937174	36.40	ng	# 64
47) 2-Nitroaniline	9.53	65	107	3.49	ng	# 2
49) Dimethylphthalate	9.63	163	139363	5.66	ng	98
56) 2,4-Dinitrotoluene	9.92	165	40145	9.06	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.72	198	406	9.00	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	12935	2.86	ng	# 1

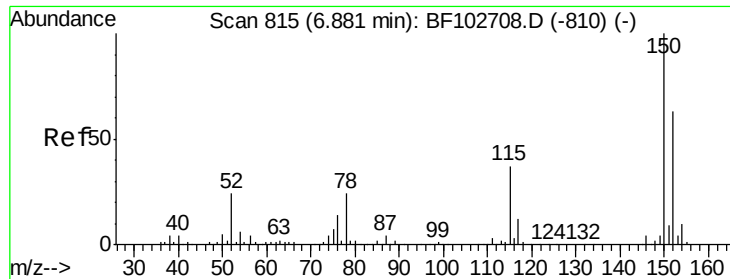
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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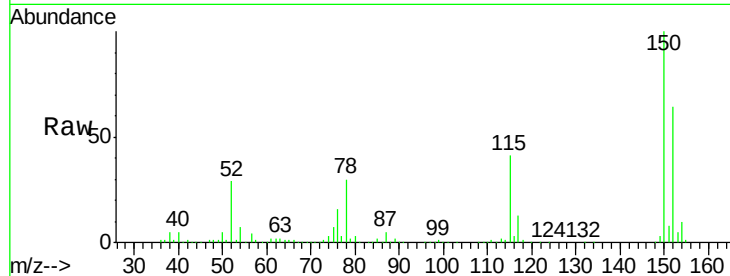


#1

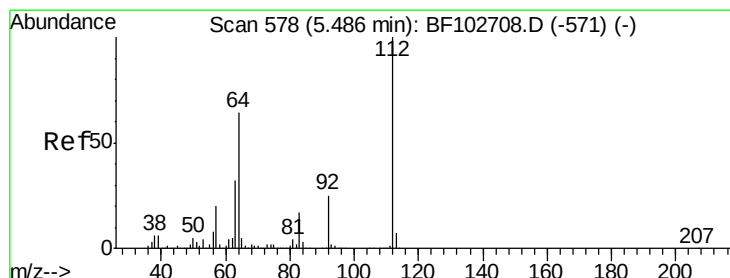
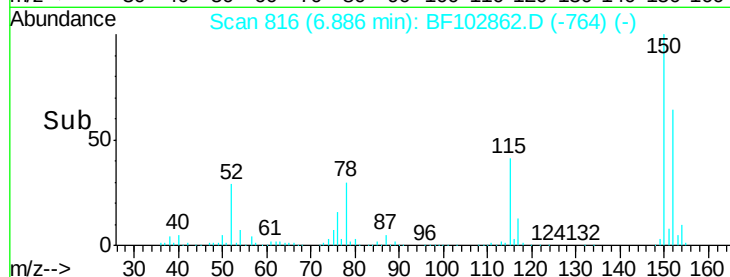
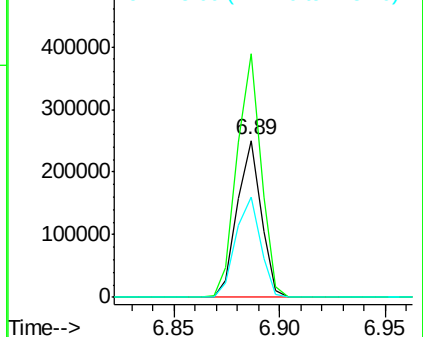
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102862.D
Acq: 8 Feb 2018 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 196457
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 63.8 50.1 75.1



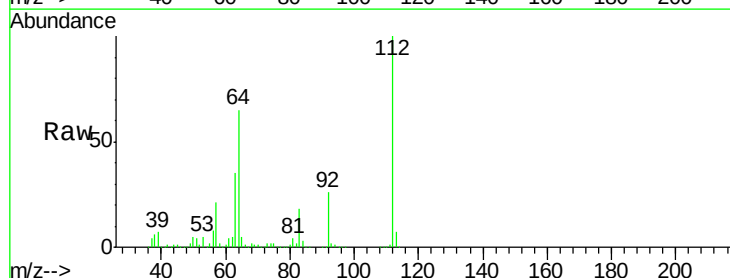
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



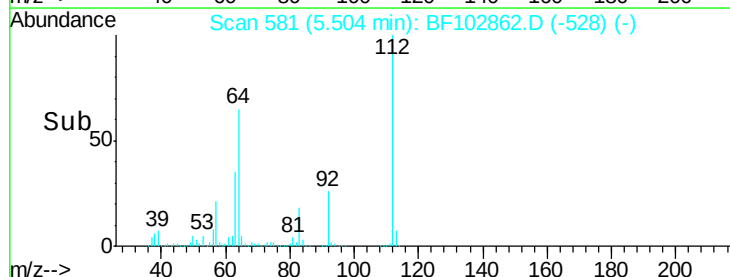
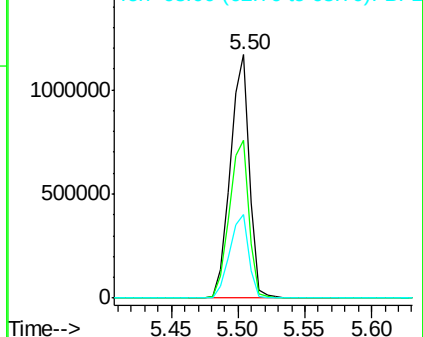
#5

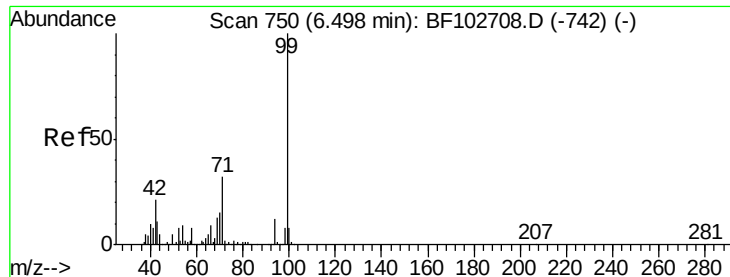
2-Fluorophenol
Concen: 91.10 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102862.D
Acq: 8 Feb 2018 18:01

Tgt Ion:112 Resp: 1178470
Ion Ratio Lower Upper
112 100
64 64.9 47.9 71.9
63 34.5 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: 94.24 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102862.D

Acq: 8 Feb 2018 18:01

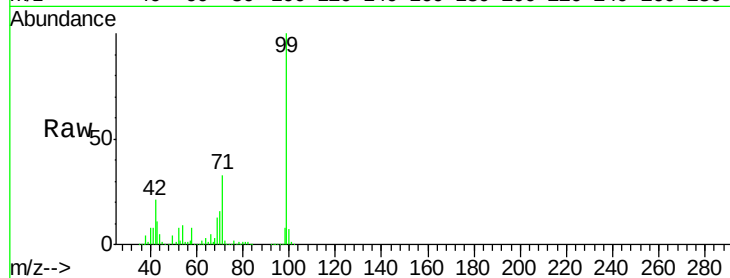
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1467950

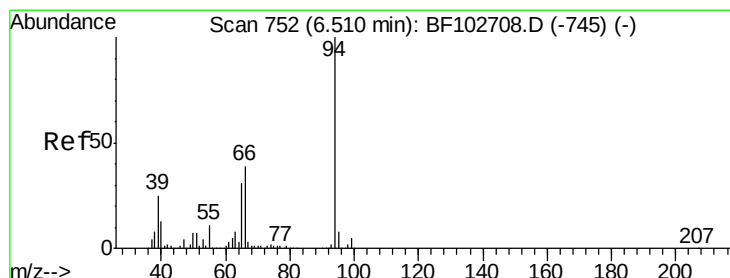
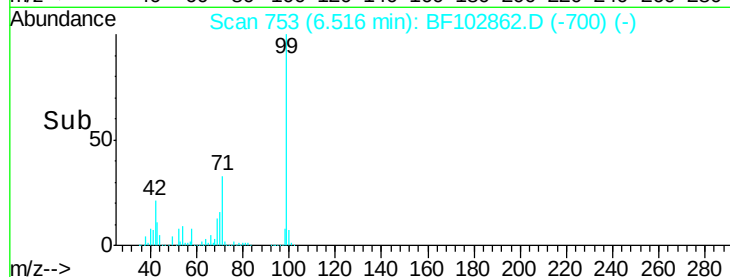
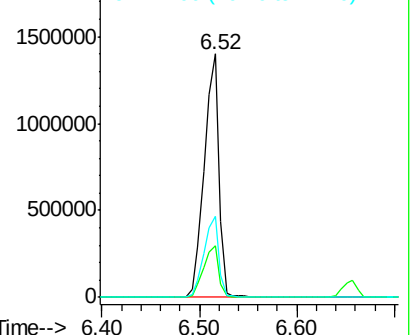
Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	33.2	25.4	38.0



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: 2.19 ng

RT: 6.53 min Scan# 755

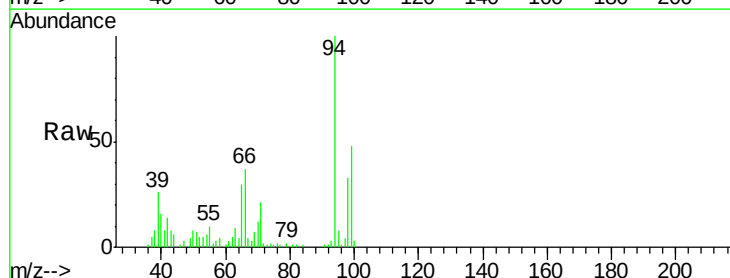
Delta R.T. 0.01 min

Lab File: BF102862.D

Acq: 8 Feb 2018 18:01

Tgt Ion: 94 Resp: 36619

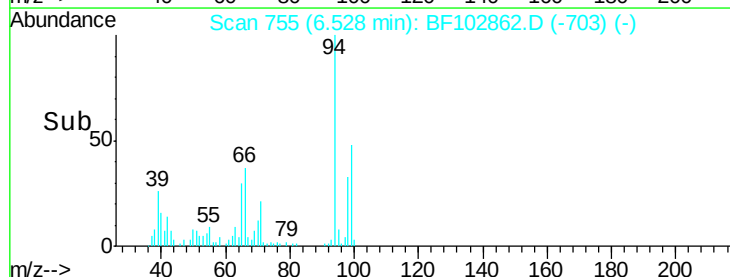
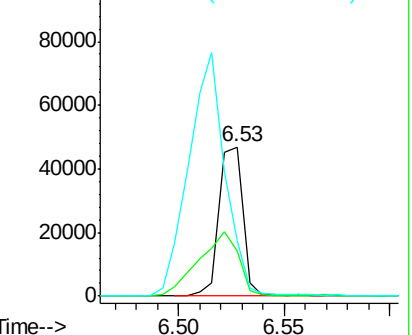
Ion	Ratio	Lower	Upper
94	100		
65	29.9	7.9	47.9
66	37.4	16.2	56.2

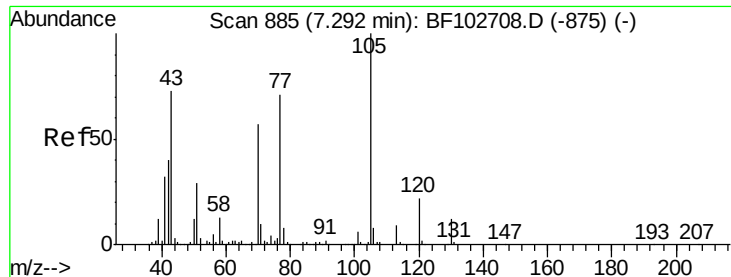


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

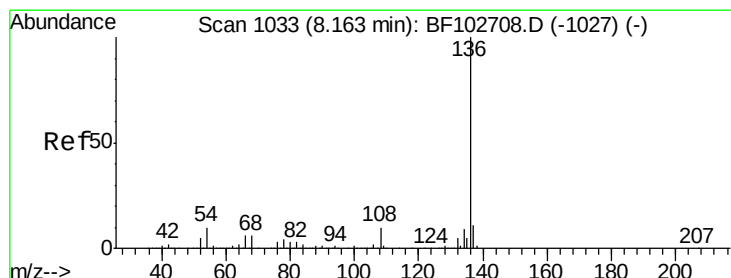
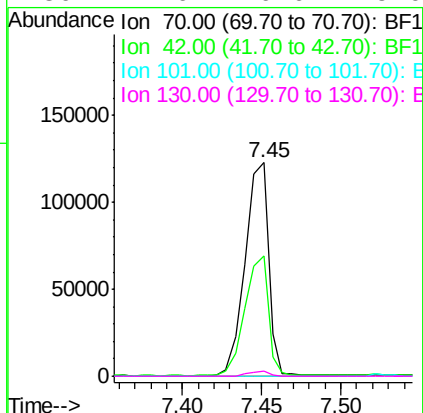
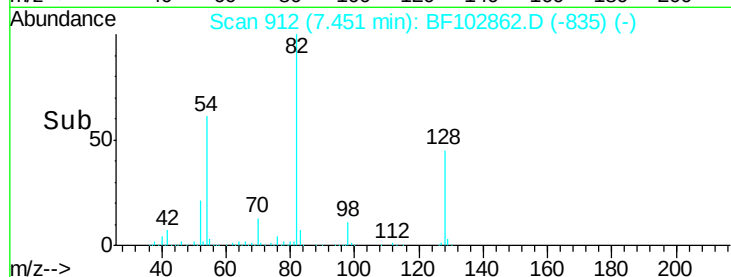
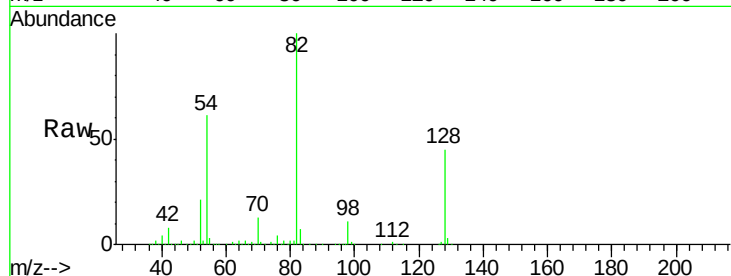




#19
n-Nitroso-di-n-propylamine
Concen: 12.42 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.15 min
Lab File: BF102862.D
Acq: 8 Feb 2018 18:01

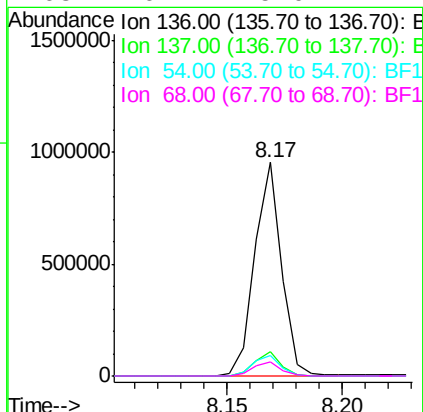
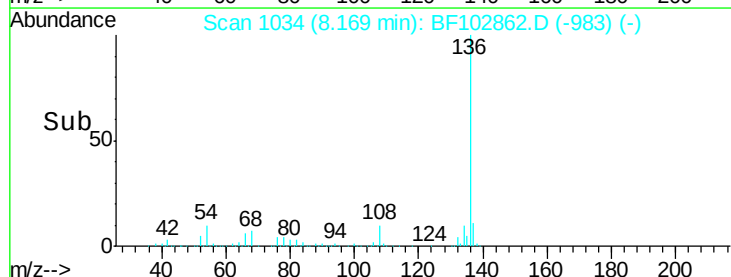
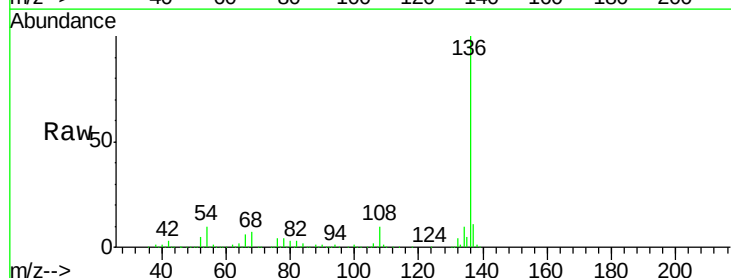
Instrument :
BNA_F
ClientSampleId :

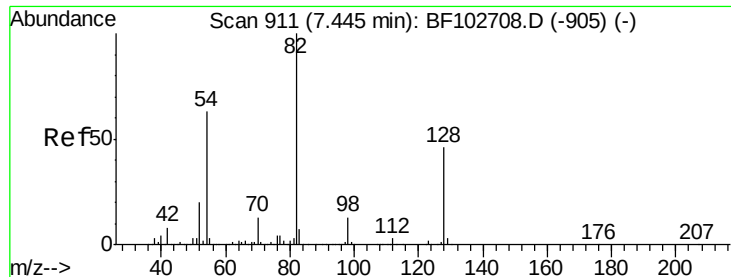
Tot Ion: 70 Resp: 127533
Ion Ratio Lower Upper
70 100
42 56.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102862.D
Acq: 8 Feb 2018 18:01

Tgt Ion: 136 Resp: 775669
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.7 6.6 9.8
68 6.7 5.0 7.4

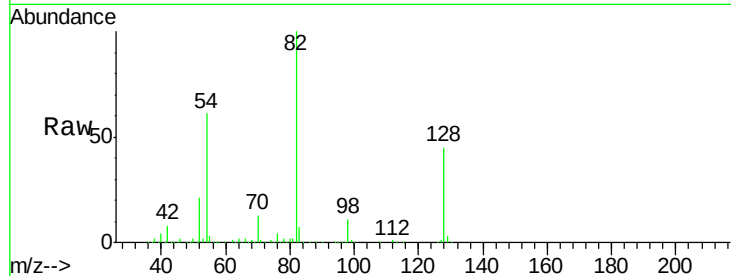




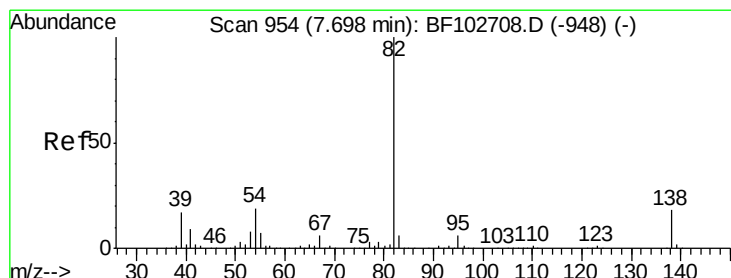
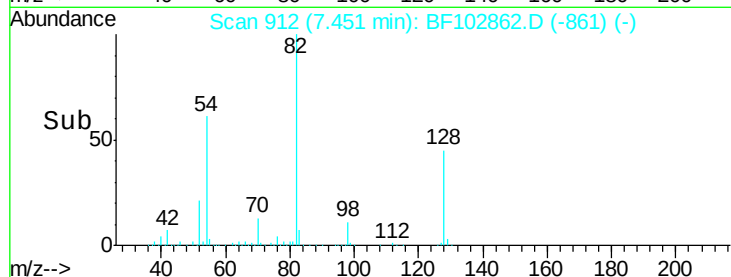
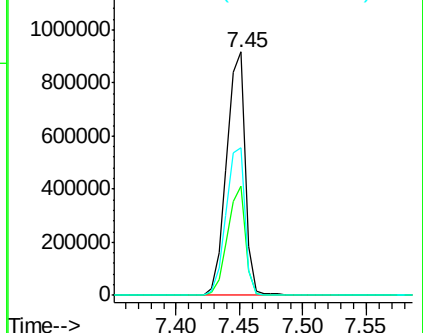
#23
 Nitrobenzene-d5
 Concen: 83.82 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF102862.D
 Acq: 8 Feb 2018 18:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	937181
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.1	54.1
54	60.9	41.4	62.2

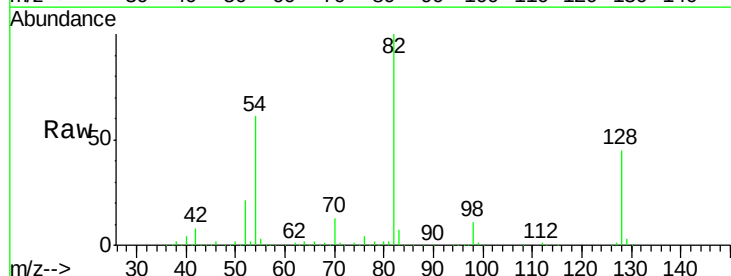


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

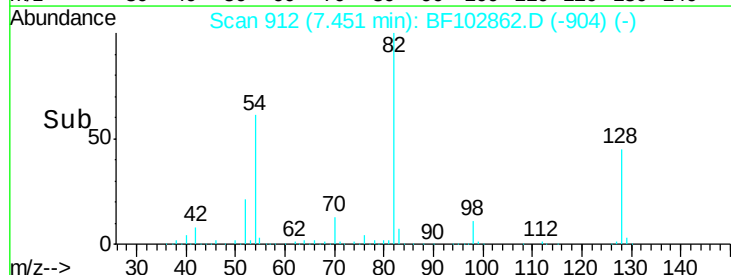
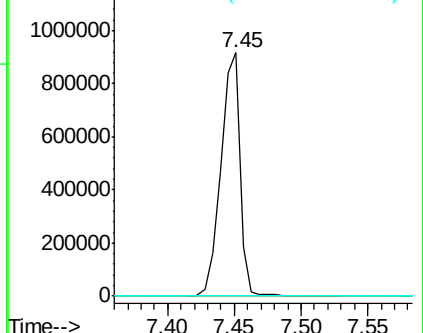


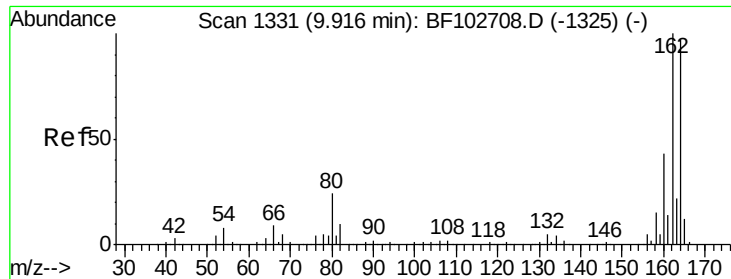
#25
 Isophorone
 Concen: 36.40 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.25 min
 Lab File: BF102862.D
 Acq: 8 Feb 2018 18:01

Tgt Ion	82	Resp	937174
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

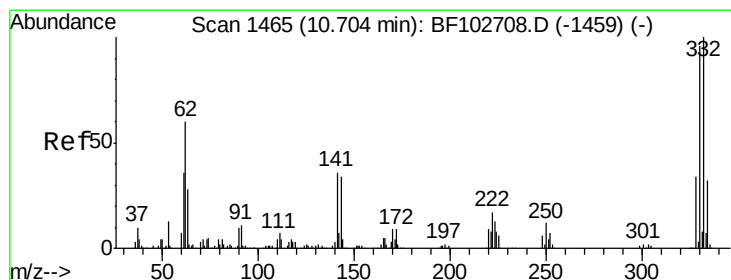
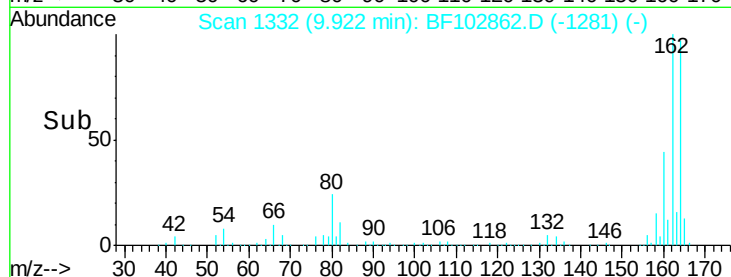
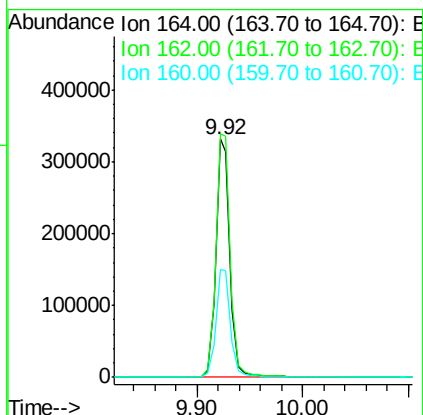
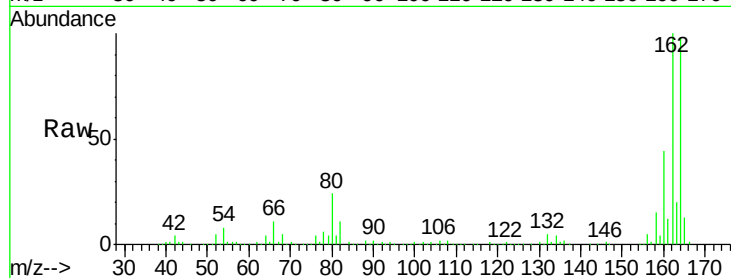




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102862.D
Acq: 8 Feb 2018 18:01

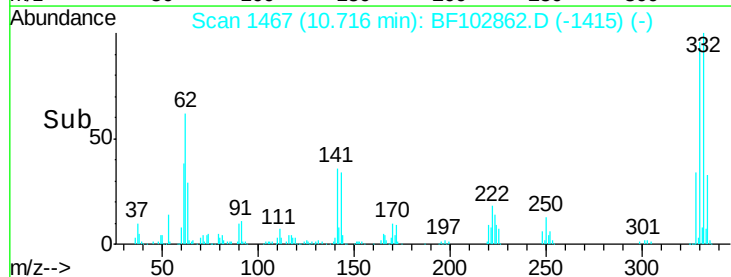
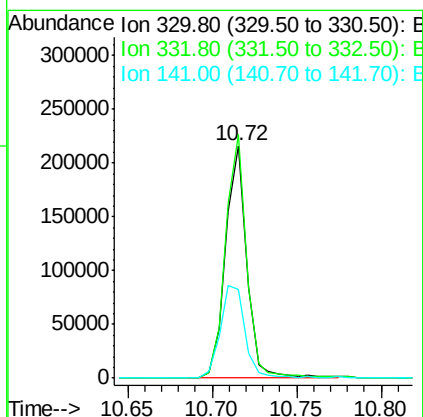
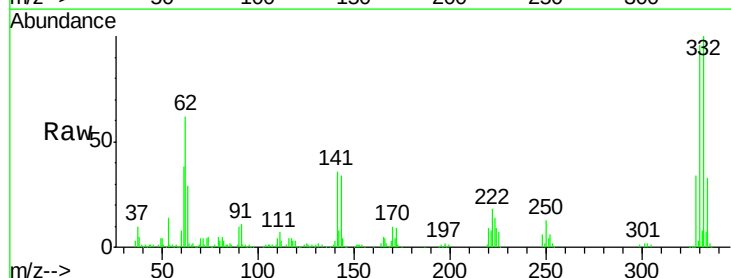
Instrument :
BNA_F
ClientSampleId :

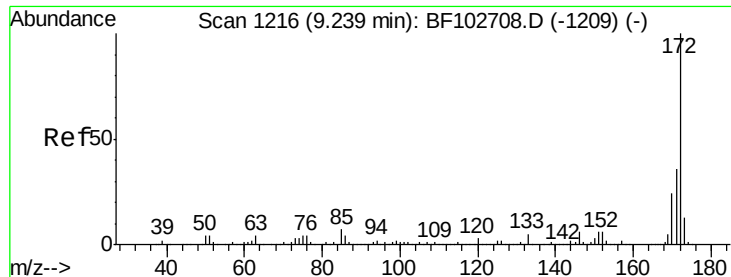
Tot Ion:164 Resp: 315508
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 45.4 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 75.08 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102862.D
Acq: 8 Feb 2018 18:01

Tgt Ion:330 Resp: 190653
Ion Ratio Lower Upper
330 100
332 105.1 77.0 115.6
141 46.7 29.9 44.9#

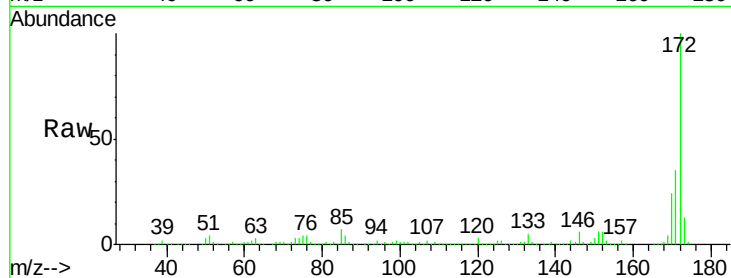




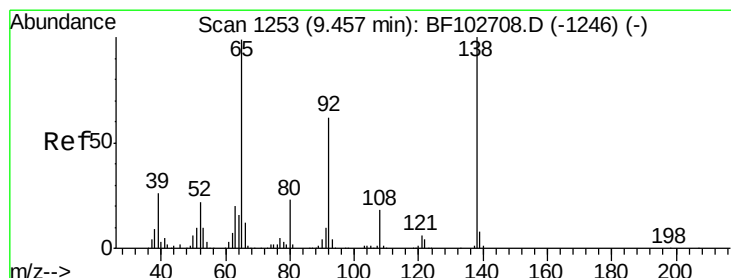
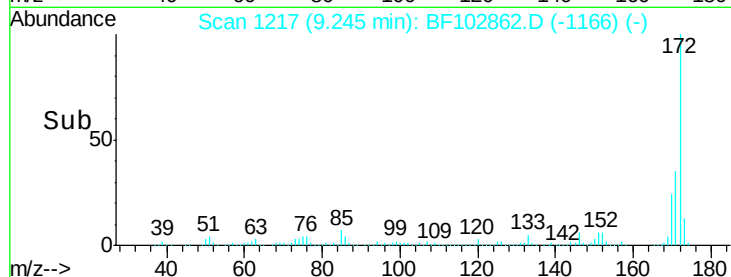
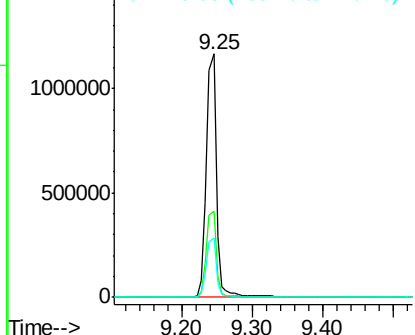
#44
2-Fluorobiphenyl
Concen: 61.77 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF102862.D
Acq: 8 Feb 2018 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1174502
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 24.4 19.6 29.4

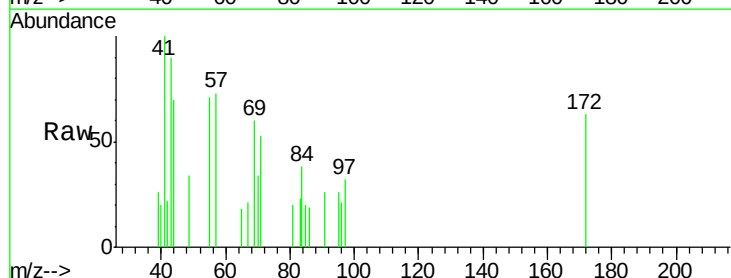


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

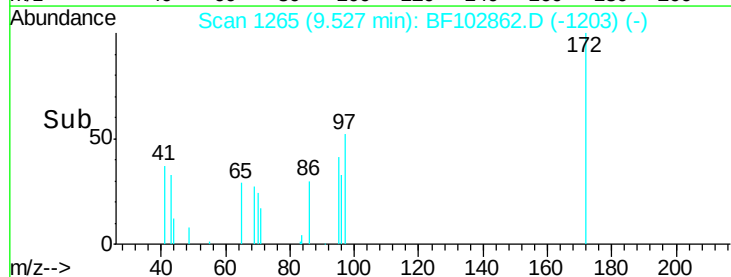
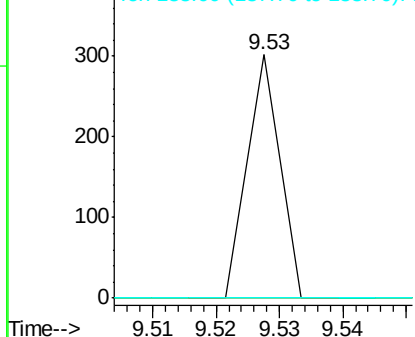


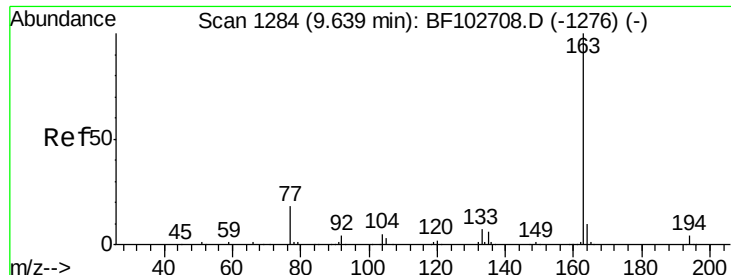
#47
2-Nitroaniline
Concen: 3.49 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.06 min
Lab File: BF102862.D
Acq: 8 Feb 2018 18:01

Tgt Ion: 65 Resp: 107
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

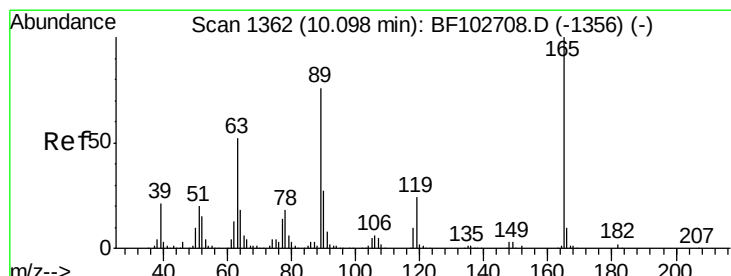
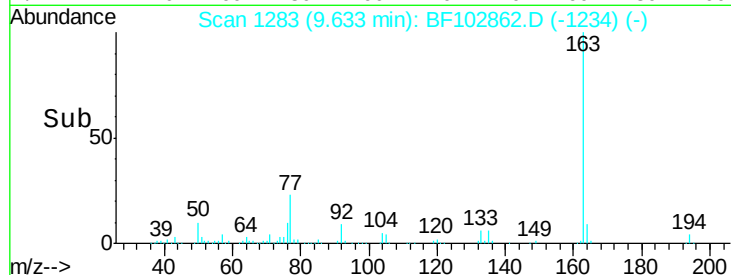
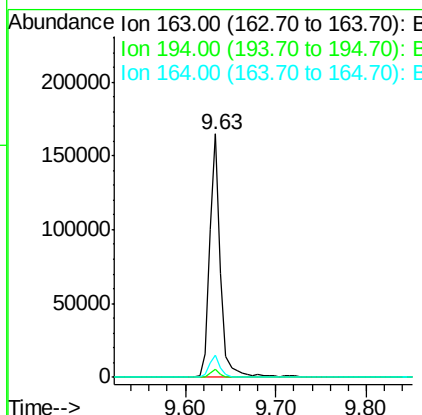
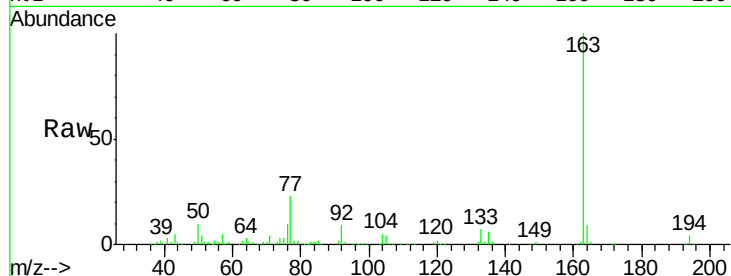




#49
Dimethylphthalate
Concen: 5.66 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102862.D
Acq: 8 Feb 2018 18:01

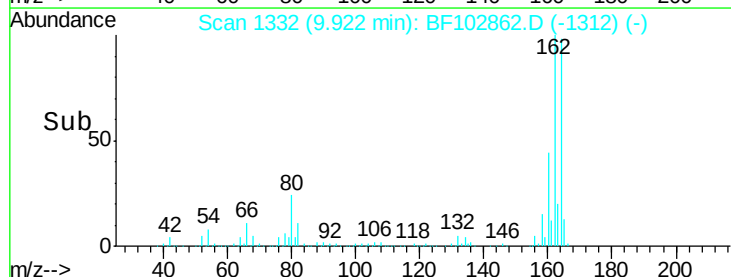
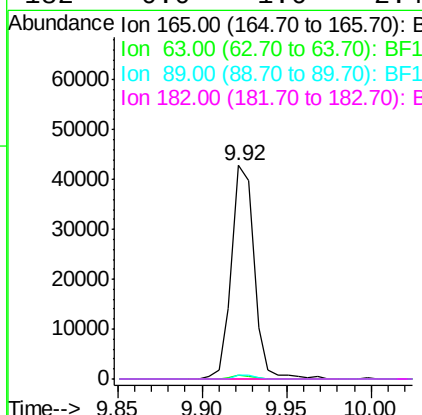
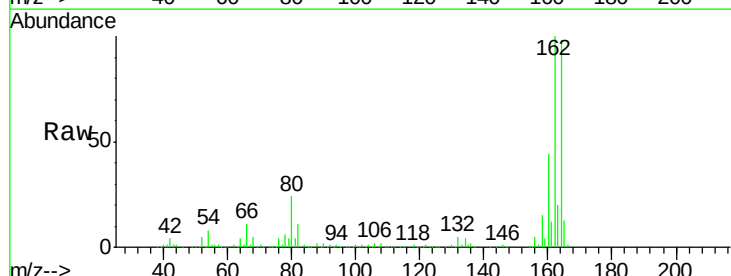
Instrument :
BNA_F
ClientSampleId :

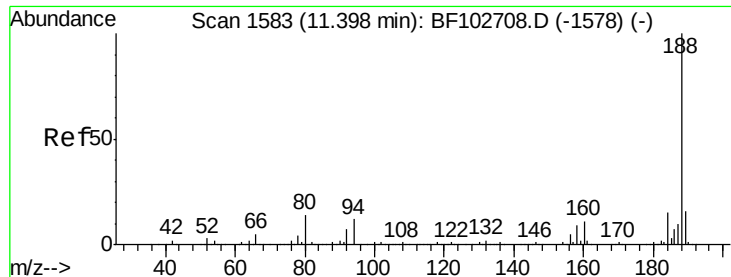
Tot Ion:163 Resp: 139363
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.2 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 9.06 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102862.D
Acq: 8 Feb 2018 18:01

Tgt Ion:165 Resp: 40145
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#

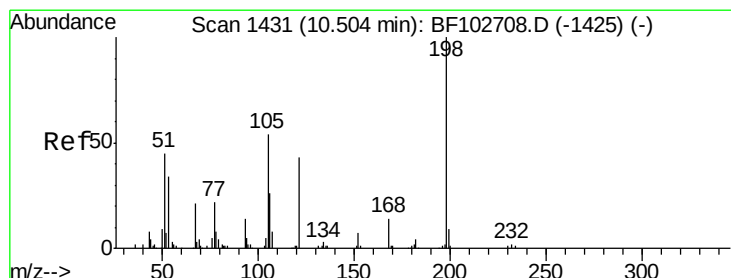
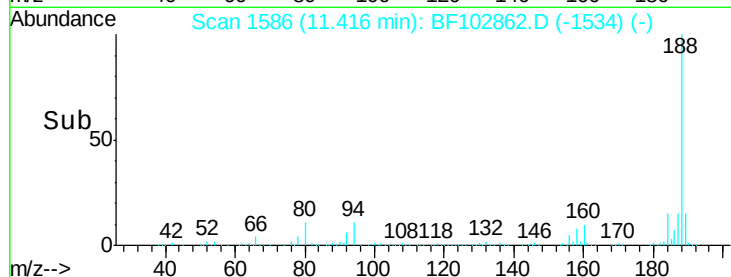
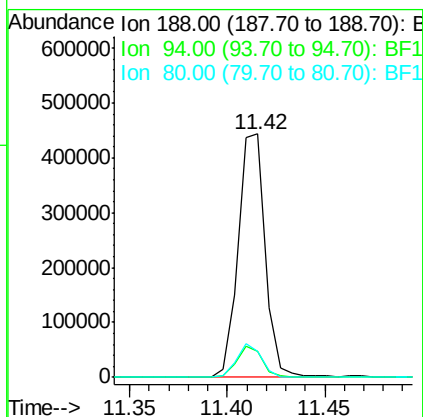
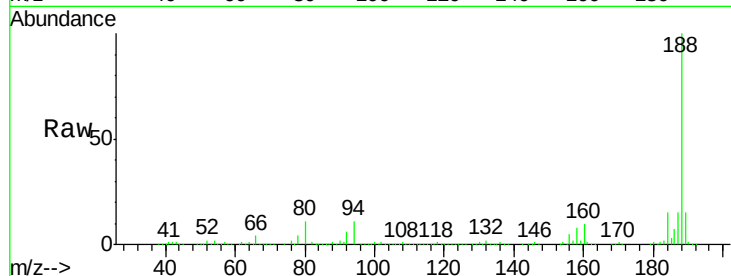




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: BF102862.D
 Acq: 8 Feb 2018 18:01

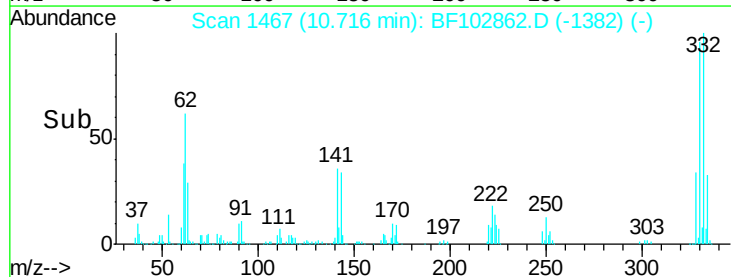
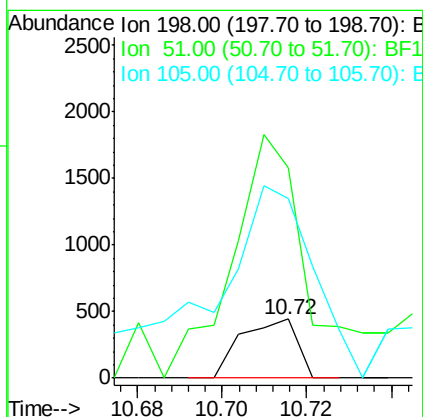
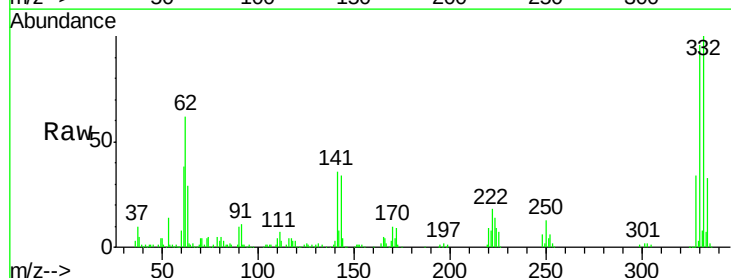
Instrument :
 BNA_F
 ClientSampleId :

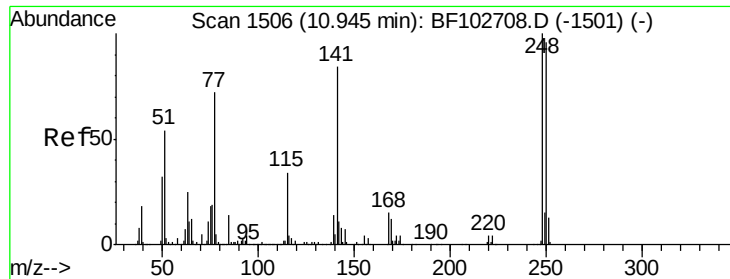
Tot Ion:188 Resp: 426993
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 10.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.00 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.20 min
 Lab File: BF102862.D
 Acq: 8 Feb 2018 18:01

Tgt Ion:198 Resp: 406
 Ion Ratio Lower Upper
 198 100
 51 357.4 37.7 77.7#
 105 305.2 36.3 76.3#

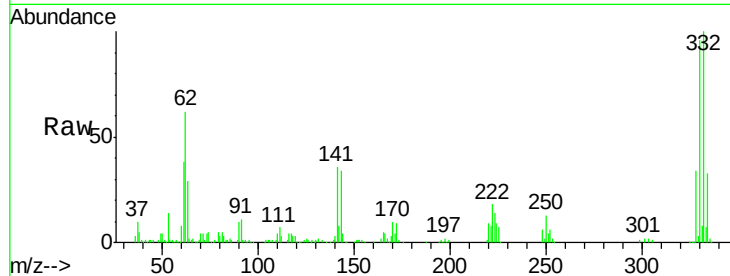




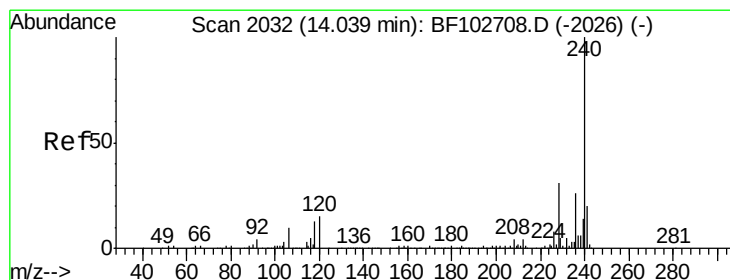
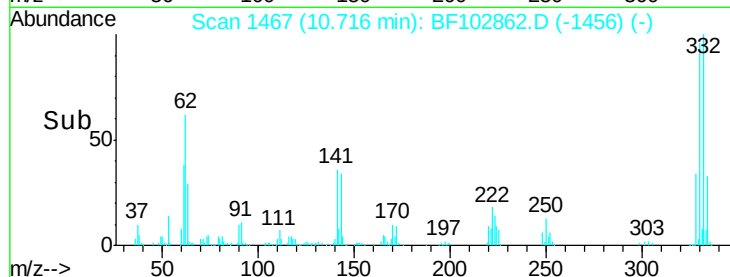
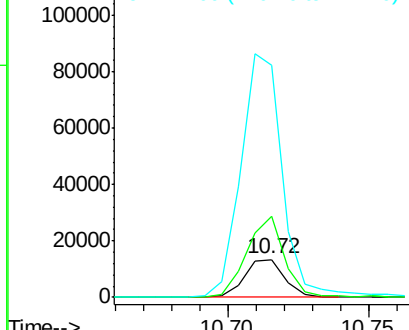
#66
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF102862.D
Acq: 8 Feb 2018 18:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12935
Ion Ratio Lower Upper
248 100
250 215.4 76.9 115.3#
141 616.7 74.4 111.6#

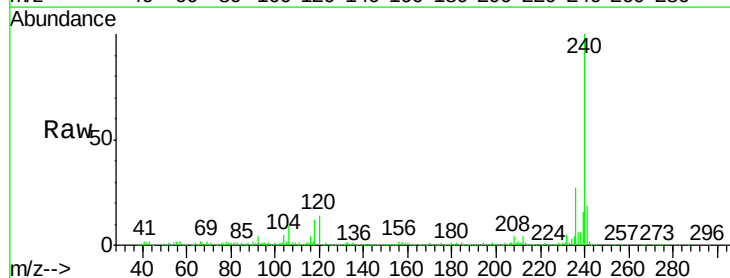


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

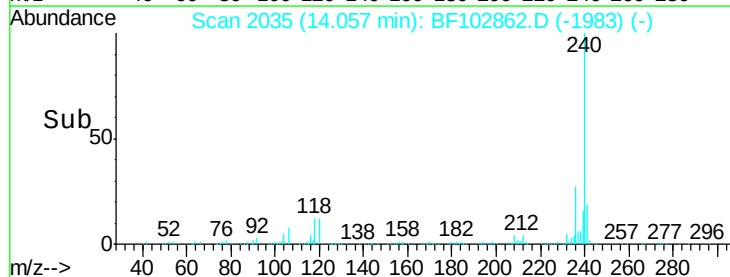
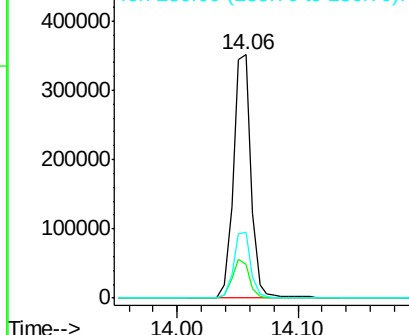


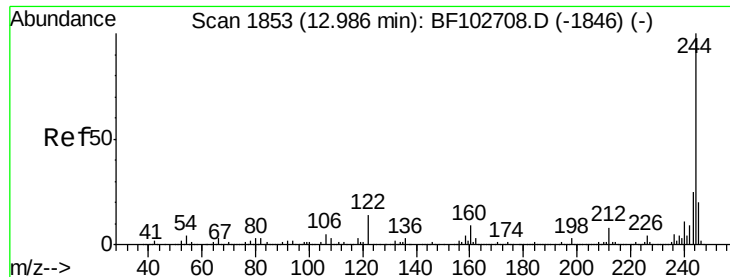
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF102862.D
Acq: 8 Feb 2018 18:01

Tgt Ion:240 Resp: 358079
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 26.7 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: 46.63 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102862.D

Acq: 8 Feb 2018 18:01

Instrument :

BNA_F

ClientSampleId :

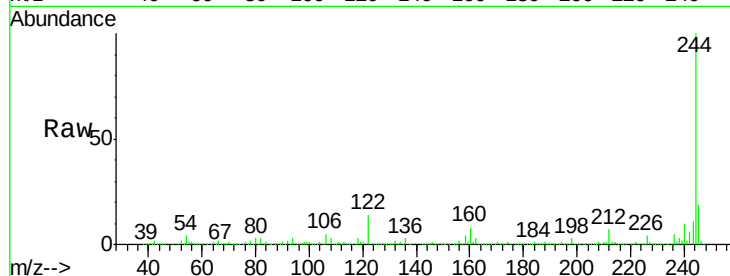
Tot Ion:244 Resp: 705161

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

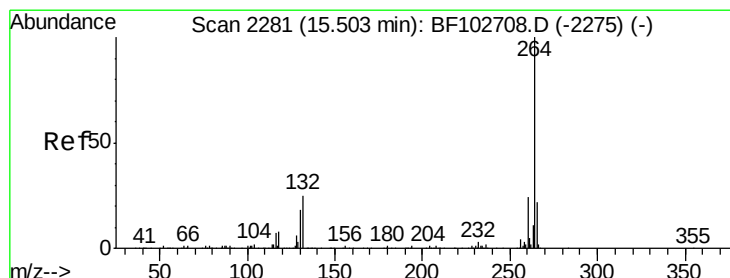
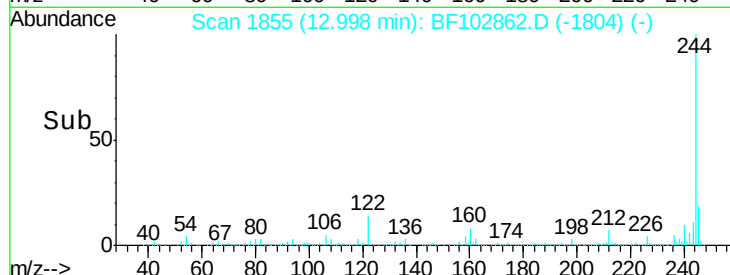
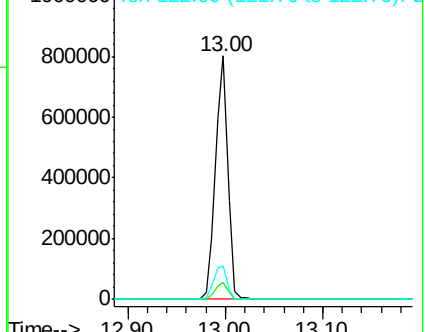
122 13.8 11.0 16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF102862.D

Acq: 8 Feb 2018 18:01

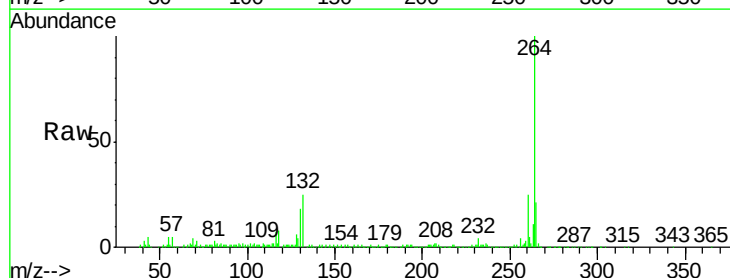
Tgt Ion:264 Resp: 292646

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.2 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

