

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
 Data File : BF102863.D
 Acq On : 8 Feb 2018 18:28
 Operator : SJ/JU
 Sample : J1470-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 00:23:38 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

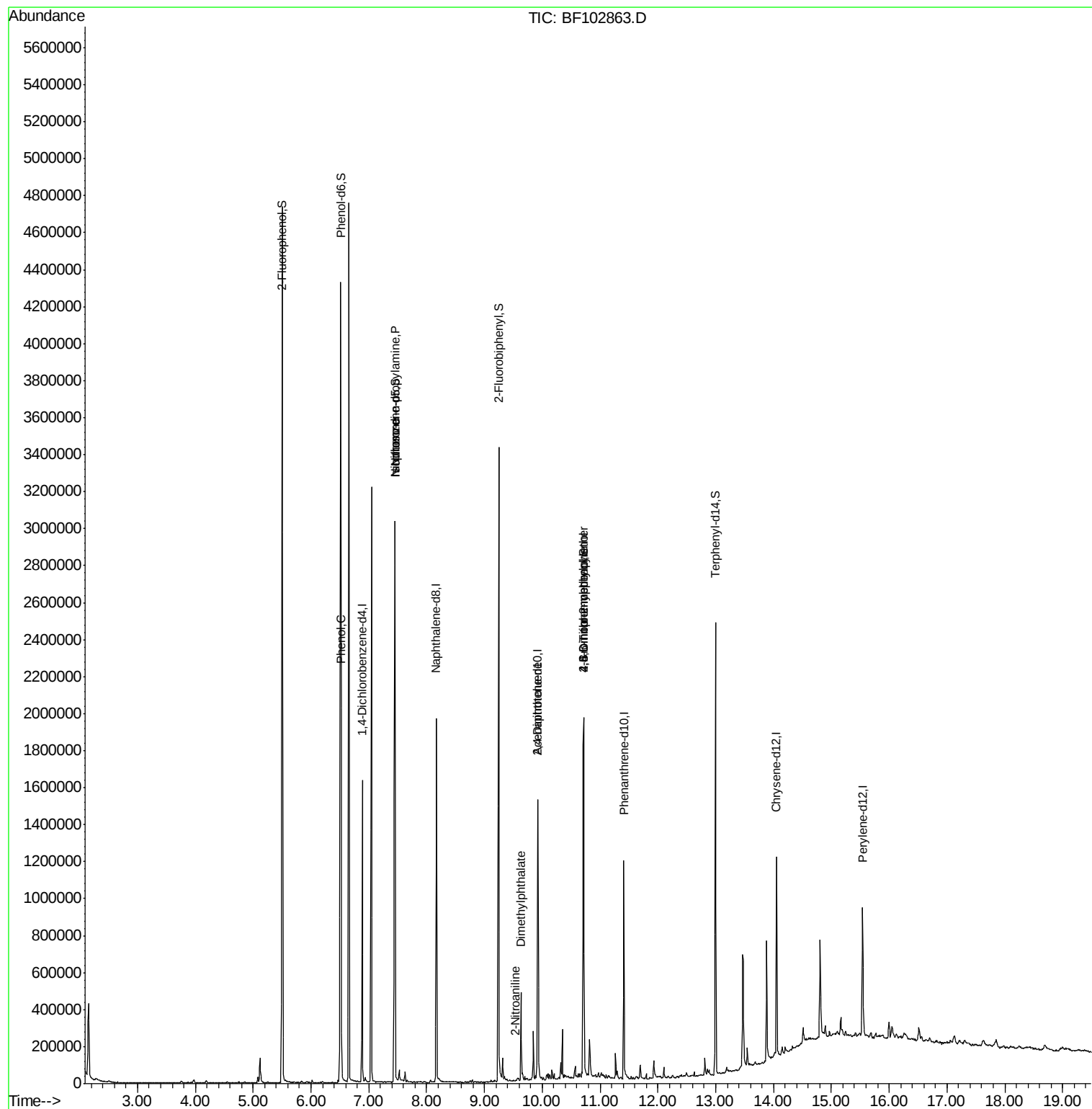
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	199519	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	804554	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	314135	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	432441	20.00	ng	0.00
75) Chrysene-d12	14.06	240	371367	20.00	ng	0.00
86) Perylene-d12	15.54	264	313268	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1299558	98.92	ng	0.01
7) Phenol-d6	6.52	99	1571672	99.35	ng	0.01
23) Nitrobenzene-d5	7.45	82	1002458	86.43	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	211029	83.46	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1156628	61.10	ng	0.00
78) Terphenyl-d14	13.00	244	748827	47.74	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.53	94	34887	2.06	ng	97
19) n-Nitroso-di-n-propylamine	7.45	70	135945	13.03	ng	# 83
25) Isophorone	7.45	82	1000174	37.45	ng	# 64
47) 2-Nitroaniline	9.53	65	107	3.49	ng	# 2
49) Dimethylphthalate	9.63	163	161635	6.60	ng	99
56) 2,4-Dinitrotoluene	9.92	165	40410	9.13	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.71	198	366	8.98	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	15007	3.28	ng	# 1

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

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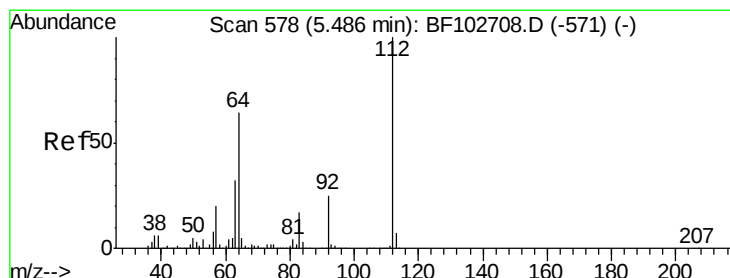
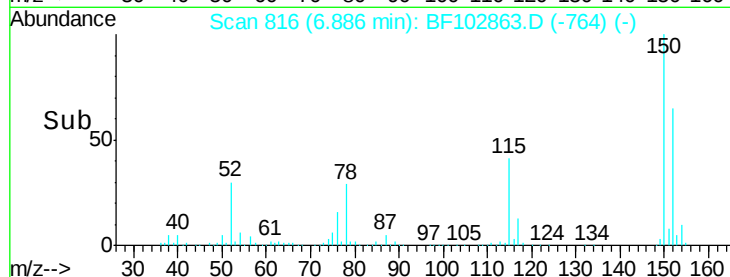
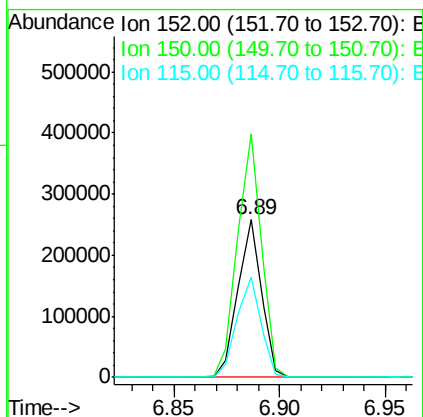
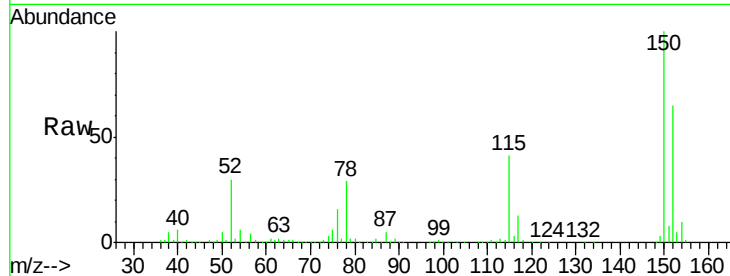


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102863.D
Acq: 8 Feb 2018 18:28

Instrument :
BNA_F
ClientSampleId :

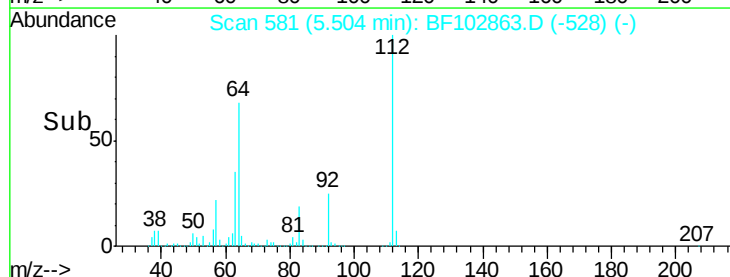
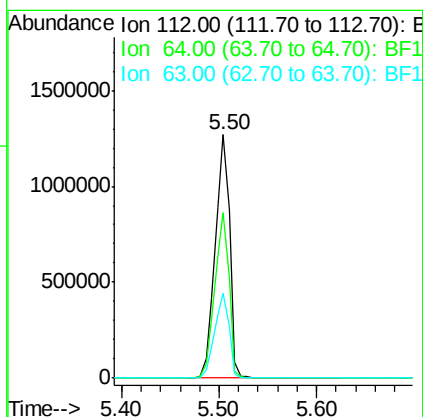
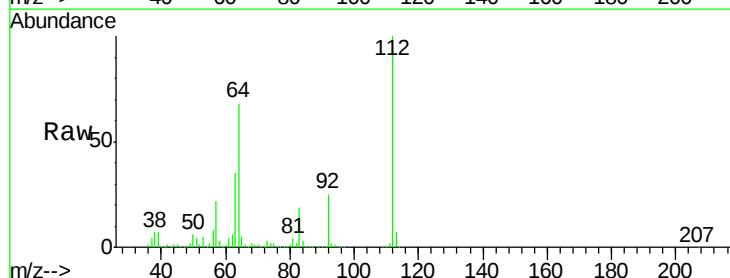
Tot Ion:152 Resp: 199519
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 63.9 50.1 75.1

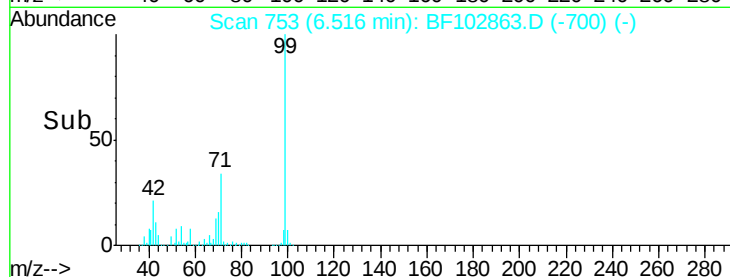
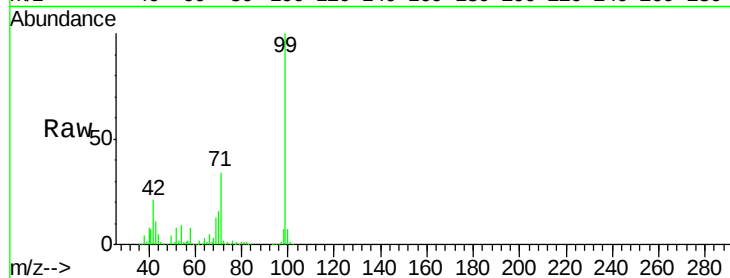
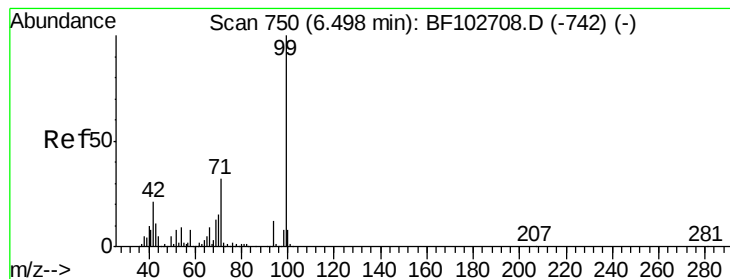


#5

2-Fluorophenol
Concen: 98.92 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102863.D
Acq: 8 Feb 2018 18:28

Tgt Ion:112 Resp: 1299558
Ion Ratio Lower Upper
112 100
64 67.9 47.9 71.9
63 35.1 23.7 35.5





#7

Phenol-d6

Concen: 99.35 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102863.D

Acq: 8 Feb 2018 18:28

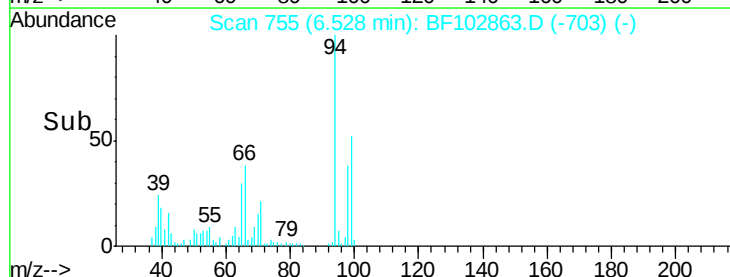
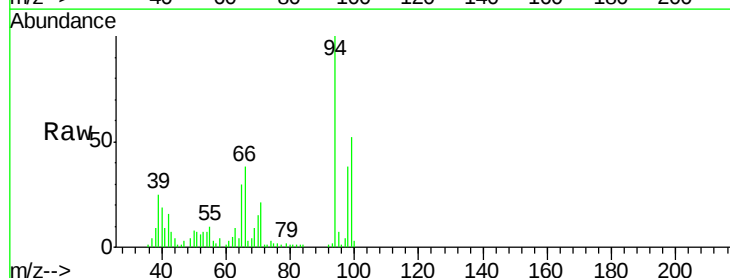
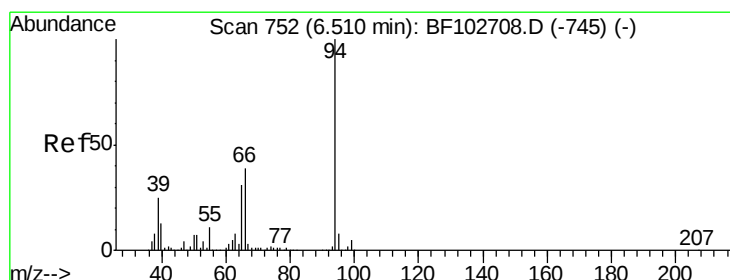
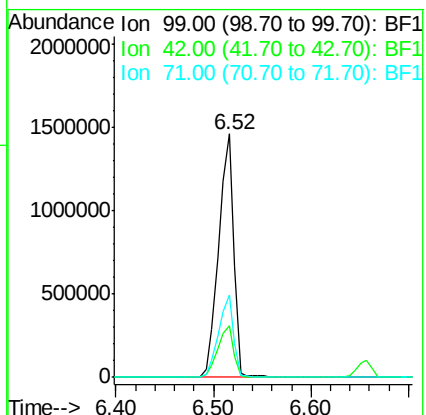
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1571672

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	33.7	25.4	38.0



#10

Phenol

Concen: 2.06 ng

RT: 6.53 min Scan# 755

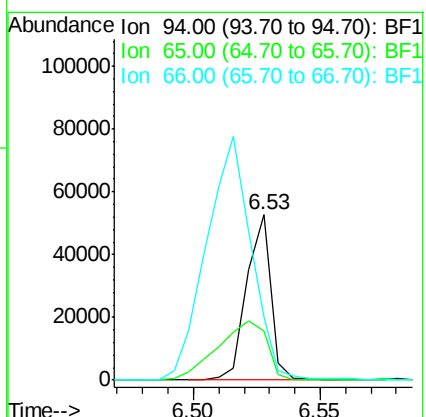
Delta R.T. 0.01 min

Lab File: BF102863.D

Acq: 8 Feb 2018 18:28

Tgt Ion: 94 Resp: 34887

Ion	Ratio	Lower	Upper
94	100		
65	29.7	7.9	47.9
66	38.0	16.2	56.2

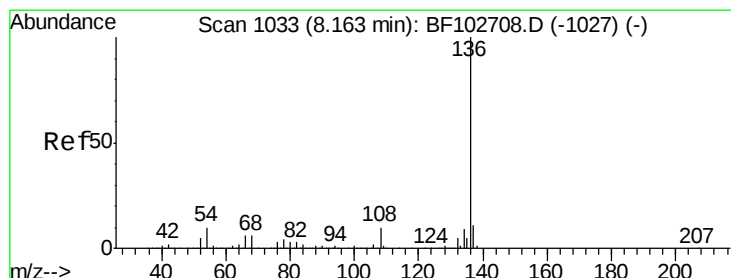
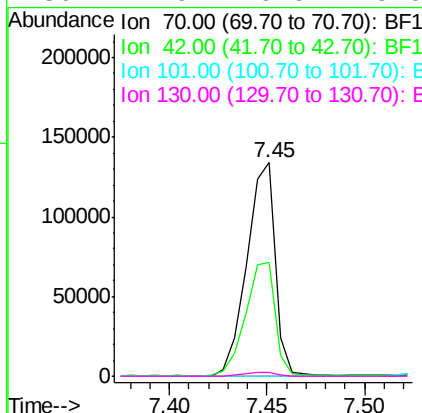
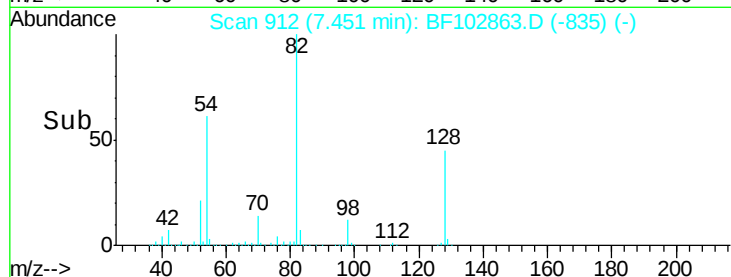
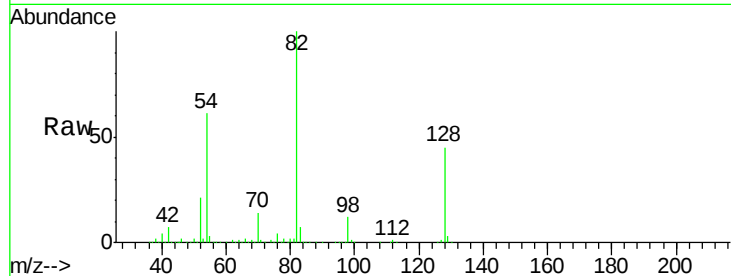




#19
n-Nitroso-di-n-propylamine
Concen: 13.03 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.15 min
Lab File: BF102863.D
Acq: 8 Feb 2018 18:28

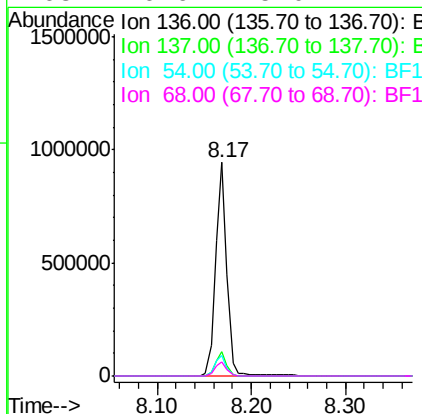
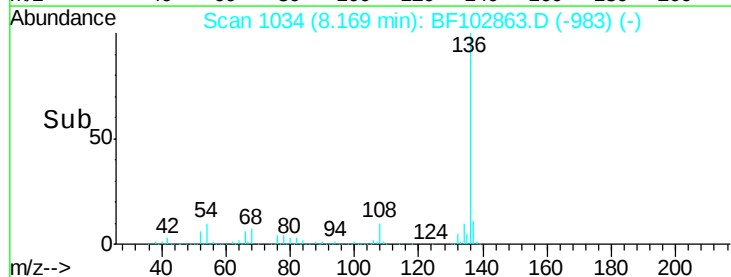
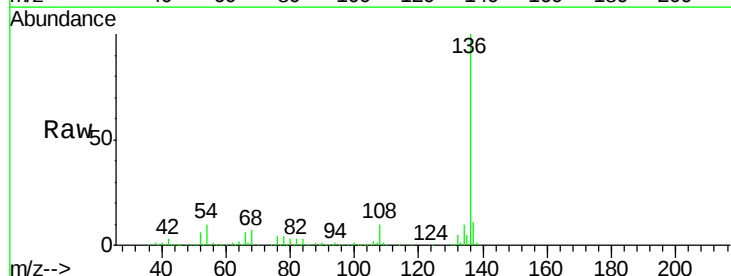
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 135945
Ion Ratio Lower Upper
70 100
42 53.3 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 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: BF102863.D
Acq: 8 Feb 2018 18:28

Tgt Ion:136 Resp: 804554
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 9.9 6.6 9.8#
68 6.6 5.0 7.4

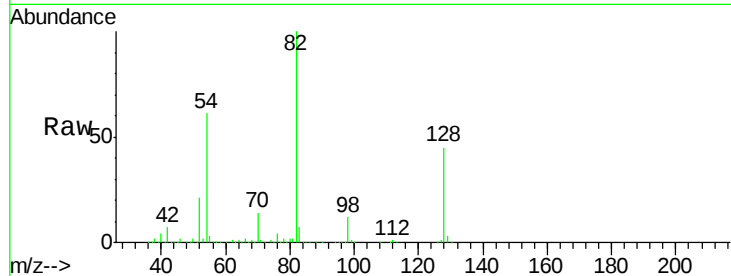




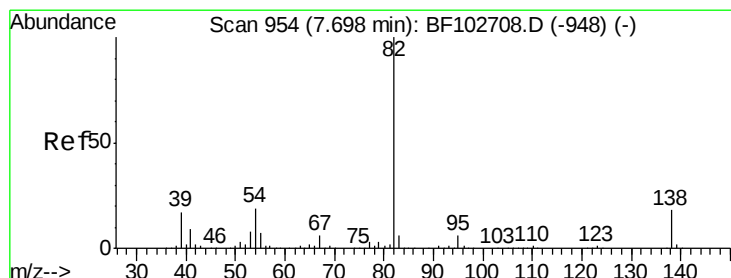
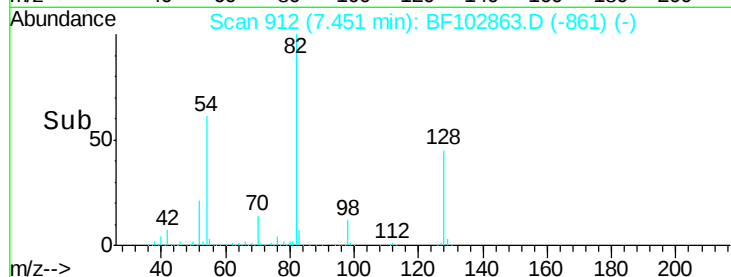
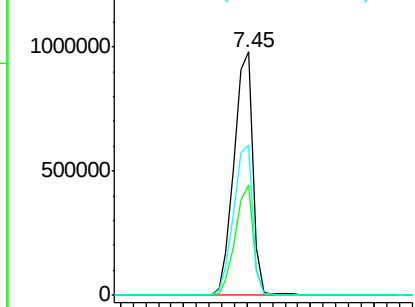
#23
 Nitrobenzene-d5
 Concen: 86.43 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF102863.D
 Acq: 8 Feb 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1002458
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 61.5 41.4 62.2

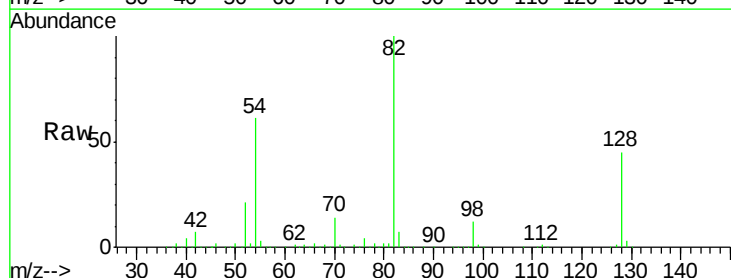


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

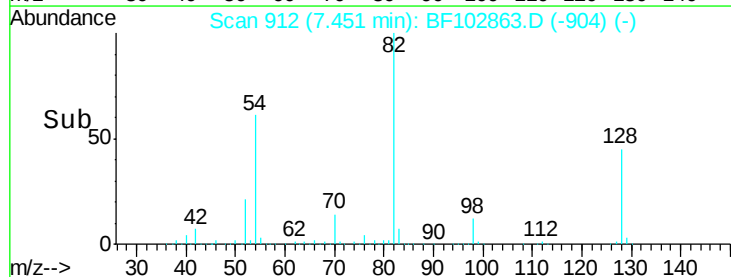
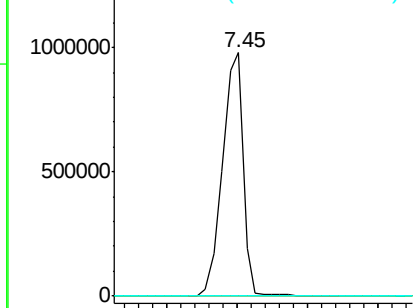


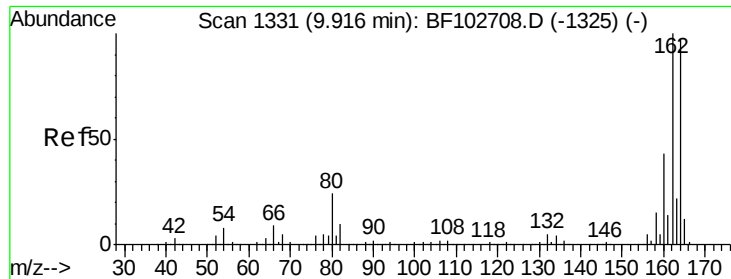
#25
 Isophorone
 Concen: 37.45 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.25 min
 Lab File: BF102863.D
 Acq: 8 Feb 2018 18:28

Tgt Ion: 82 Resp: 1000174
 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

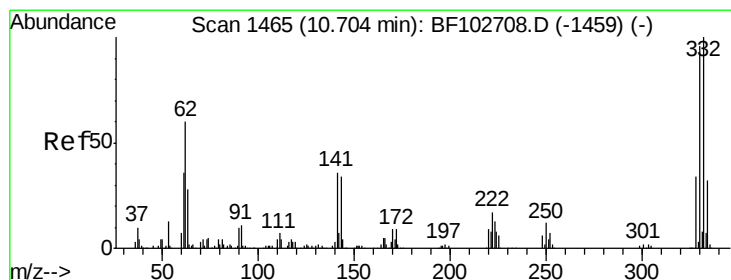
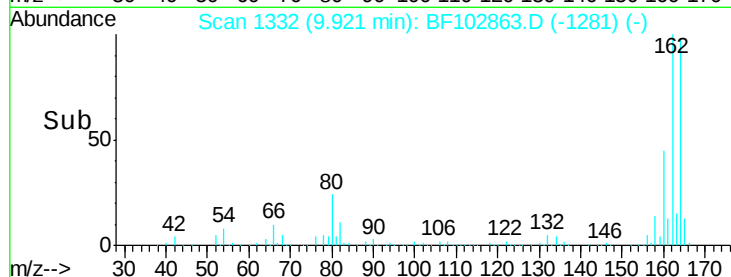
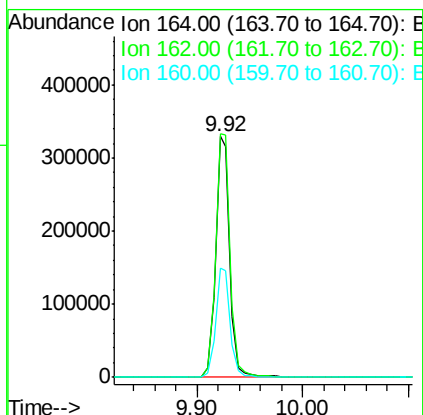
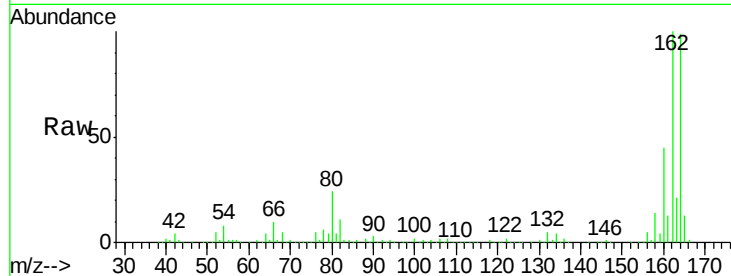




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102863.D
 Acq: 8 Feb 2018 18:28

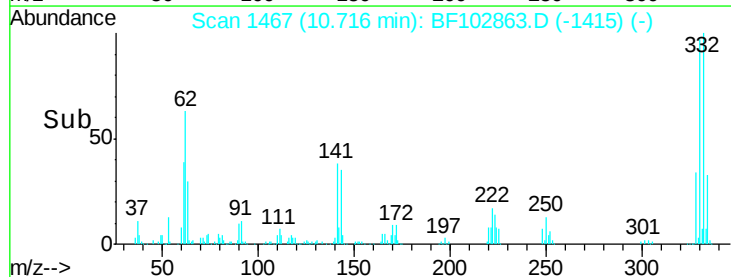
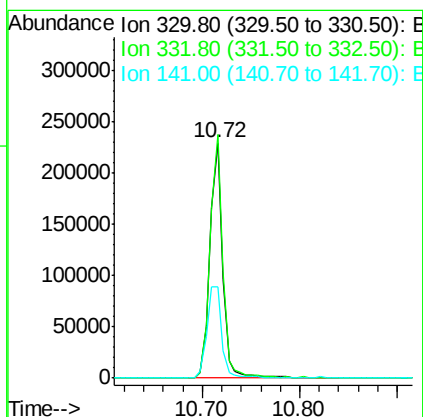
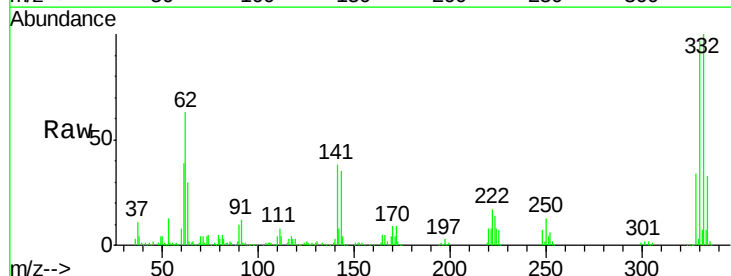
Instrument :
 BNA_F
 ClientSampleId :

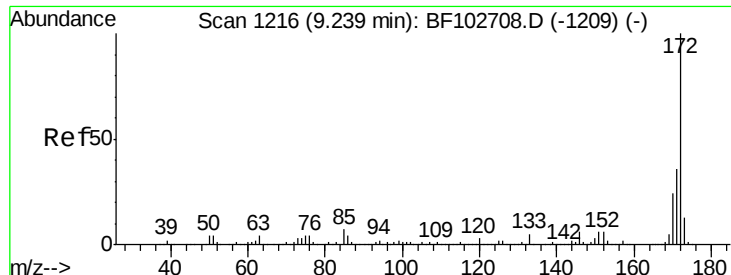
Tot Ion:164 Resp: 314135
 Ion Ratio Lower Upper
 164 100
 162 101.1 86.1 129.1
 160 45.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 83.46 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102863.D
 Acq: 8 Feb 2018 18:28

Tgt Ion:330 Resp: 211029
 Ion Ratio Lower Upper
 330 100
 332 101.8 77.0 115.6
 141 45.8 29.9 44.9#

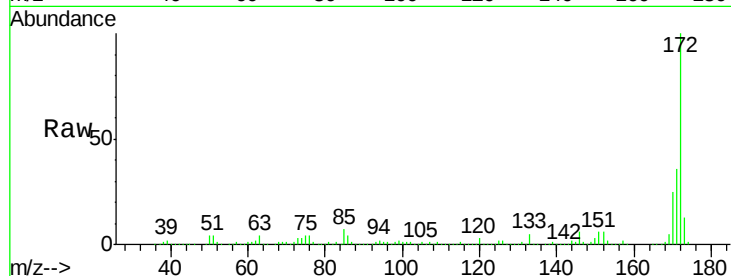




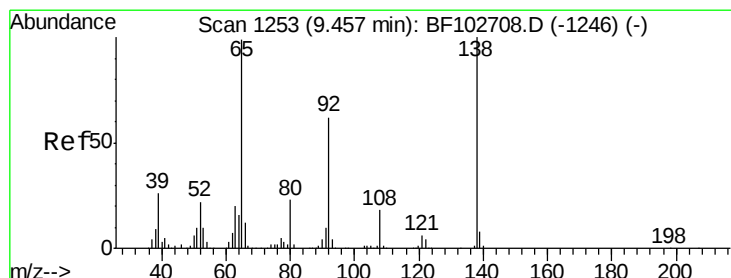
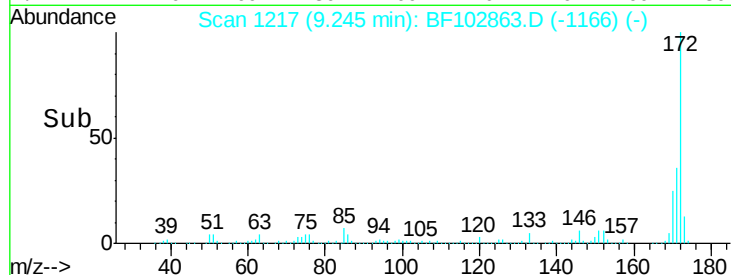
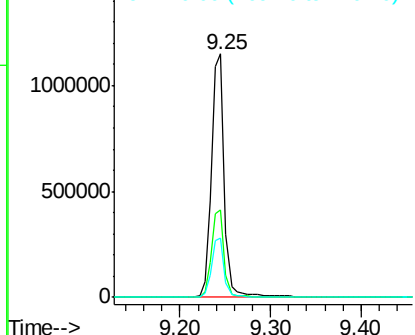
#44
 2-Fluorobiphenyl
 Concen: 61.10 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102863.D
 Acq: 8 Feb 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1156628
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.6 19.6 29.4

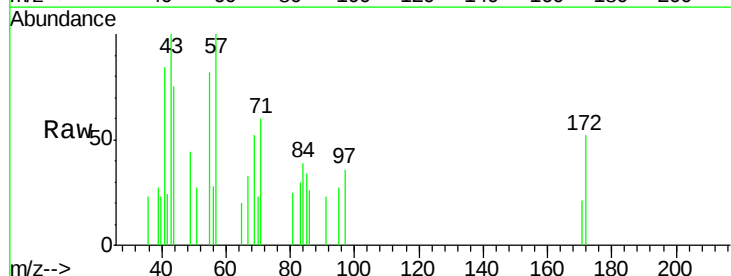


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

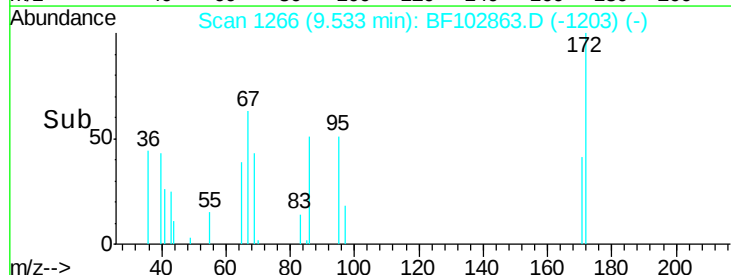
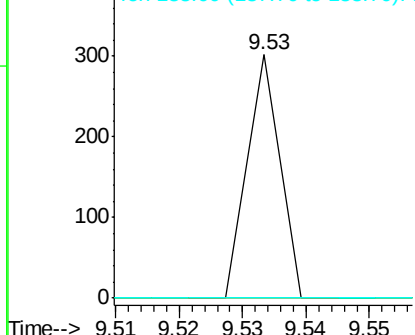


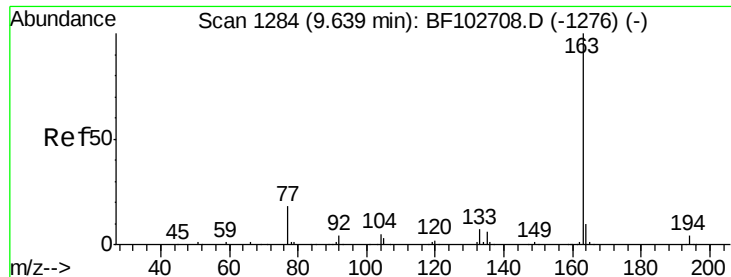
#47
 2-Nitroaniline
 Concen: 3.49 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.07 min
 Lab File: BF102863.D
 Acq: 8 Feb 2018 18:28

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

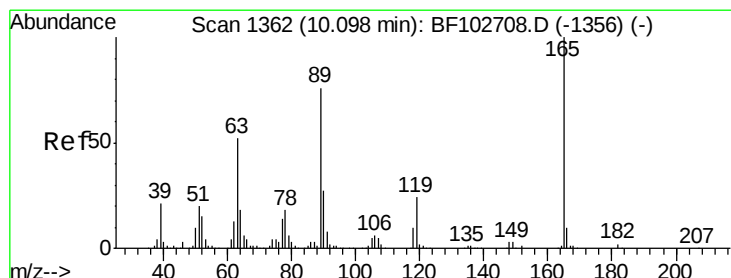
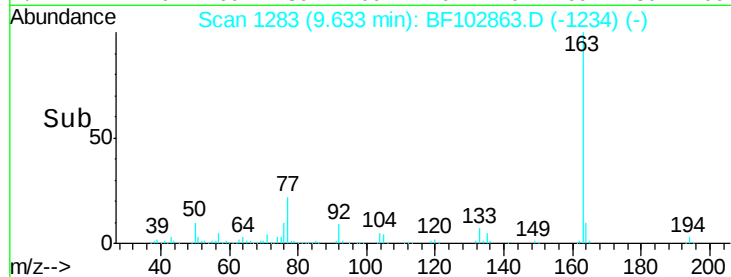
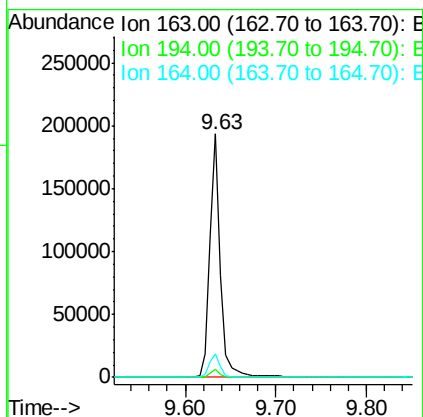
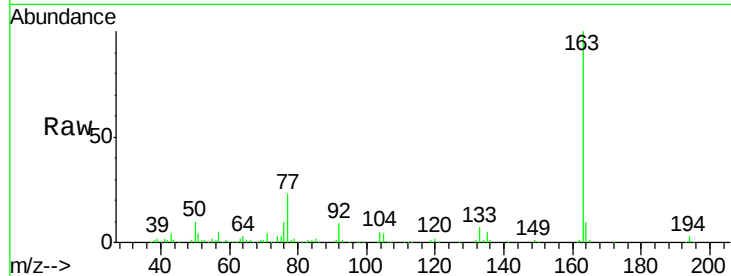




#49
Dimethylphthalate
Concen: 6.60 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102863.D
Acq: 8 Feb 2018 18:28

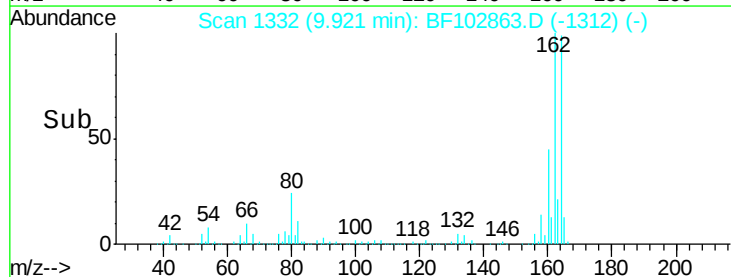
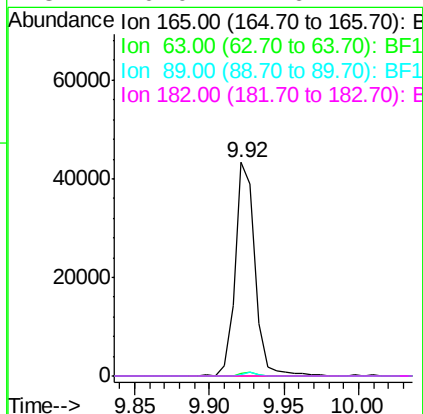
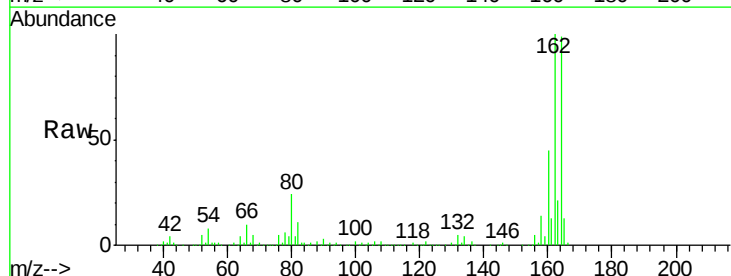
Instrument :
BNA_F
ClientSampled :

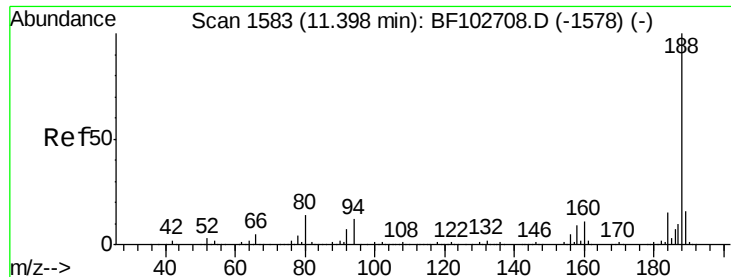
Tot Ion:163 Resp: 161635
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.7 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 9.13 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102863.D
Acq: 8 Feb 2018 18:28

Tgt Ion:165 Resp: 40410
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 0.8 57.8 86.6#
182 0.0 1.6 2.4#

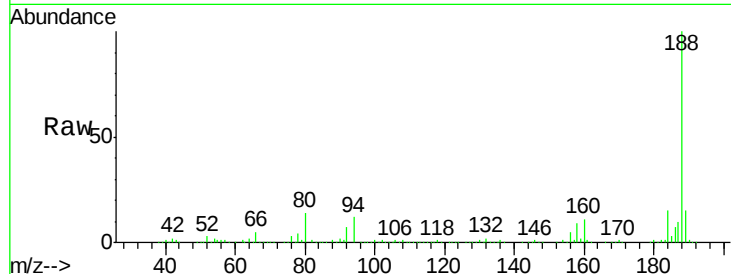




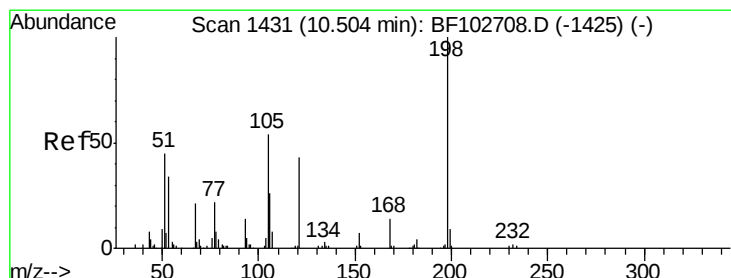
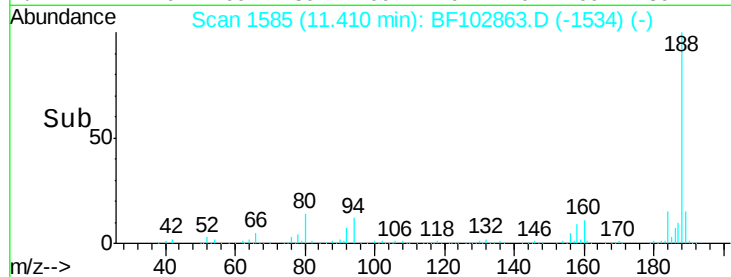
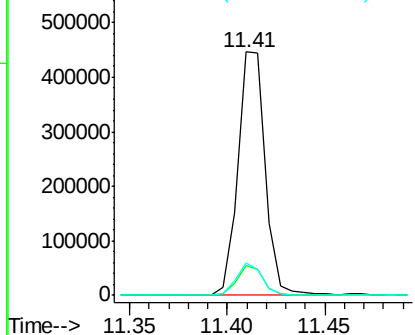
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102863.D
Acq: 8 Feb 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 432441
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 13.5 9.2 13.8

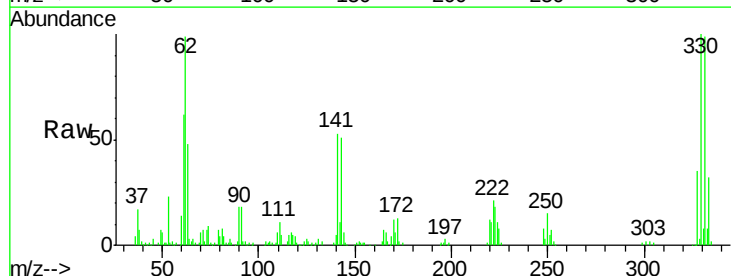


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

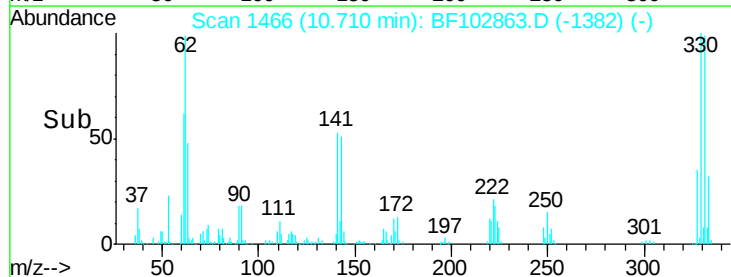
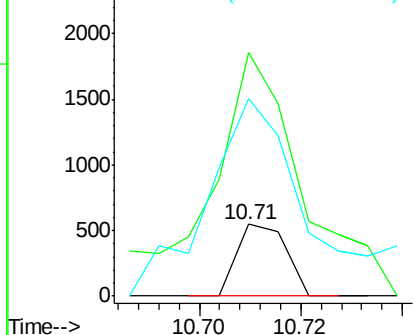


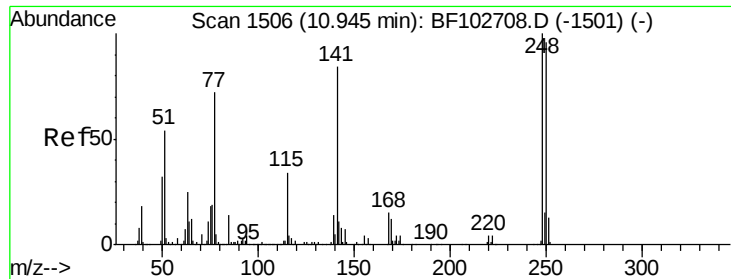
#64
4,6-Dinitro-2-methylphenol
Concen: 8.98 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102863.D
Acq: 8 Feb 2018 18:28

Tgt Ion:198 Resp: 366
Ion Ratio Lower Upper
198 100
51 339.1 37.7 77.7#
105 275.0 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

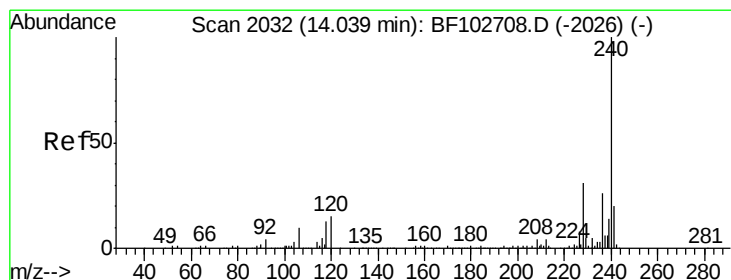
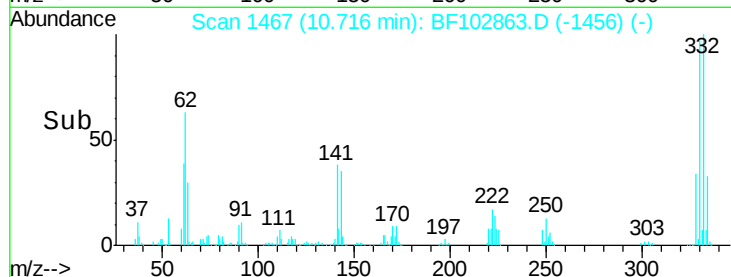
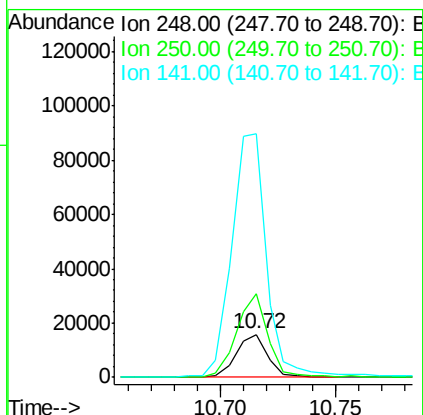
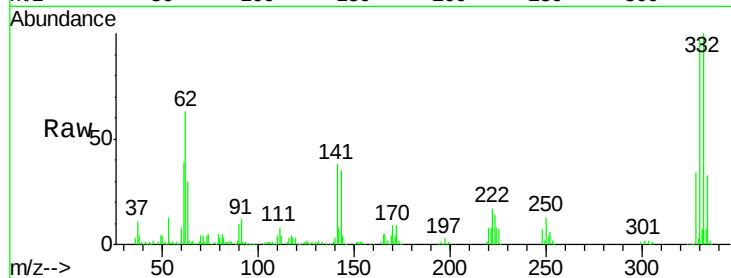




#66
 4-Bromophenyl-phenylether
 Concen: 3.28 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.24 min
 Lab File: BF102863.D
 Acq: 8 Feb 2018 18:28

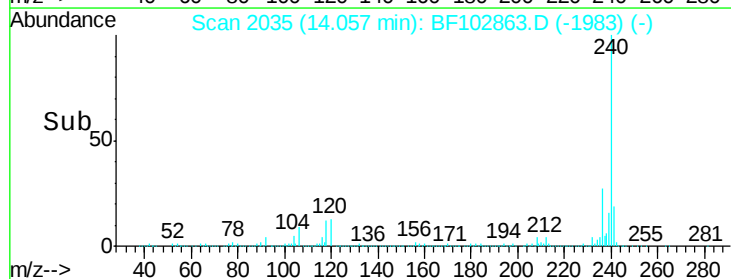
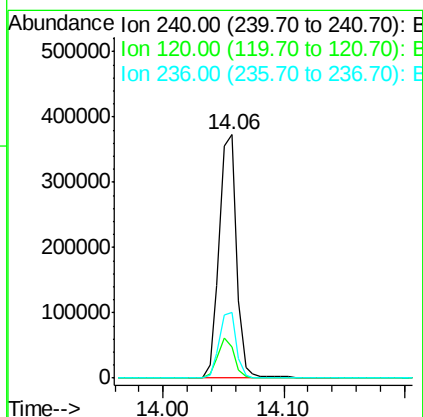
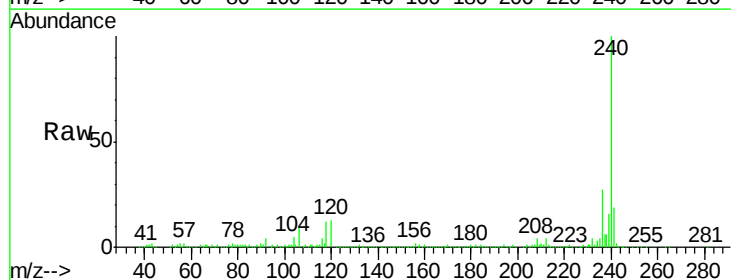
Instrument :
 BNA_F
 ClientSampleId :

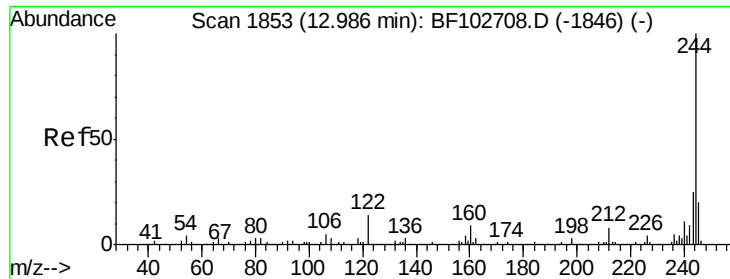
Tot Ion:248 Resp: 15007
 Ion Ratio Lower Upper
 248 100
 250 193.5 76.9 115.3#
 141 564.7 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF102863.D
 Acq: 8 Feb 2018 18:28

Tgt Ion:240 Resp: 371367
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.5 14.3
 236 27.0 20.7 31.1





#78

Terphenyl-d14

Concen: 47.74 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102863.D

Acq: 8 Feb 2018 18:28

Instrument :

BNA_F

ClientSampleId :

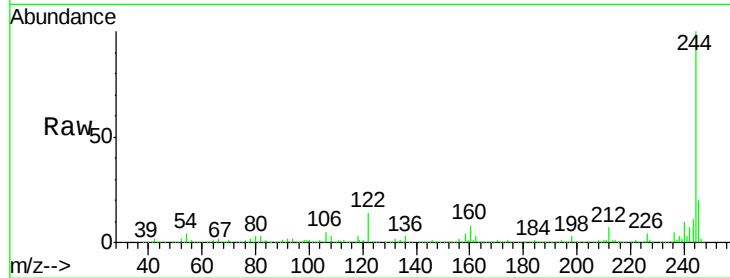
Tot Ion:244 Resp: 748827

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

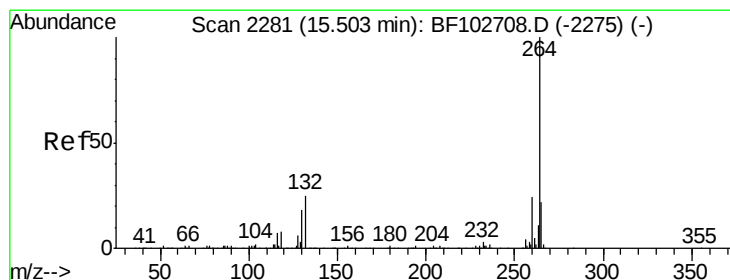
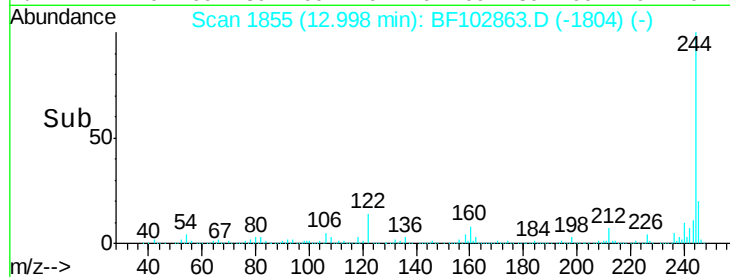
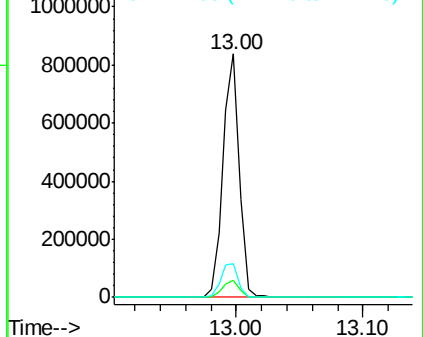
122 13.8 11.0 16.4



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: BF102863.D

Acq: 8 Feb 2018 18:28

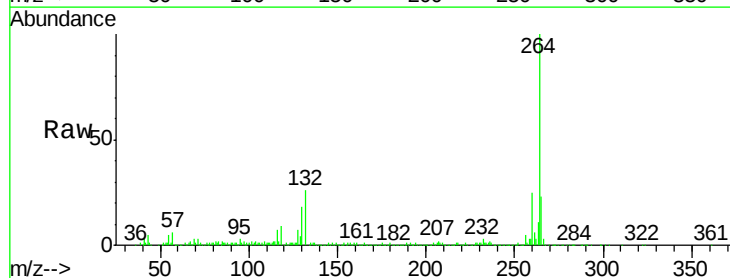
Tgt Ion:264 Resp: 313268

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.5 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

