

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103271.D
 Acq On : 27 Feb 2018 18:55
 Operator : SJ/JU
 Sample : J1697-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 00:01:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

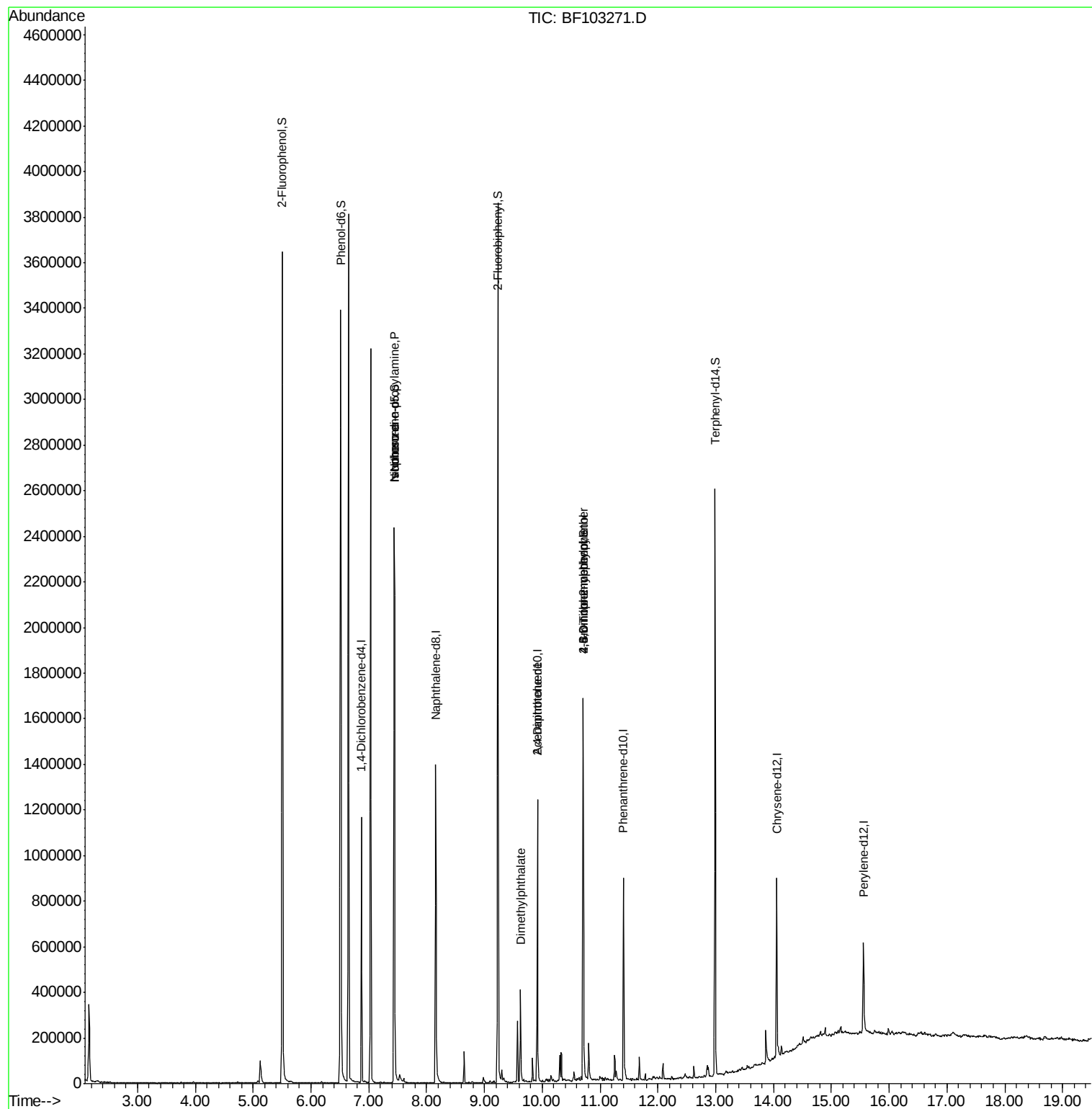
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	156207	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	630852	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	243290	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	344649	20.00	ng	0.00
75) Chrysene-d12	14.06	240	269582	20.00	ng	0.00
86) Perylene-d12	15.56	264	193525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1172074	113.48	ng	0.01
7) Phenol-d6	6.52	99	1382056	109.36	ng	0.00
23) Nitrobenzene-d5	7.44	82	877355	79.42	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	195143	94.76	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1273678	91.92	ng	0.00
78) Terphenyl-d14	12.99	244	866489	77.26	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	2360	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.44	70	117067	14.88	ng	81
25) Isophorone	7.44	82	877473	40.33	ng	64
49) Dimethylphthalate	9.62	163	165808	8.50	ng	97
56) 2,4-Dinitrotoluene	9.92	165	31115	6.01	ng	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	326	5.08	ng	1
66) 4-Bromophenyl-phenylether	10.71	248	12710	3.54	ng	1

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

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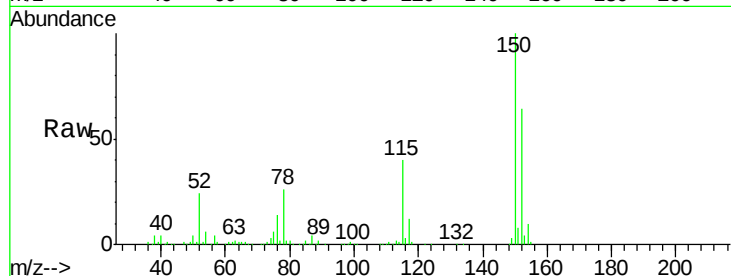


#1

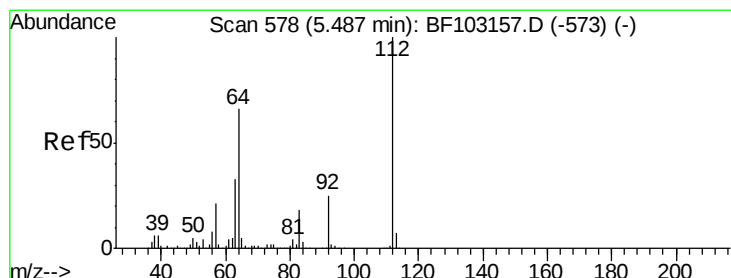
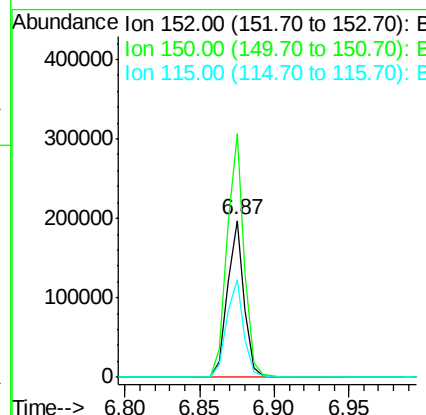
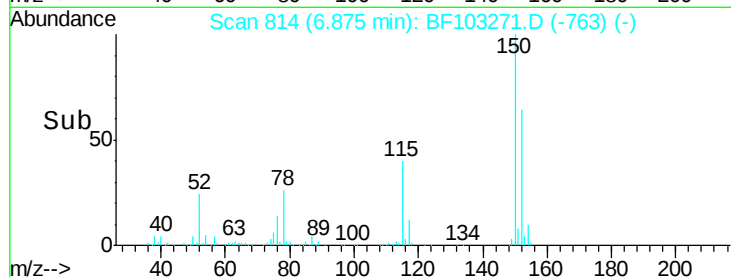
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103271.D
Acq: 27 Feb 2018 18:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156207
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 62.3 50.1 75.1



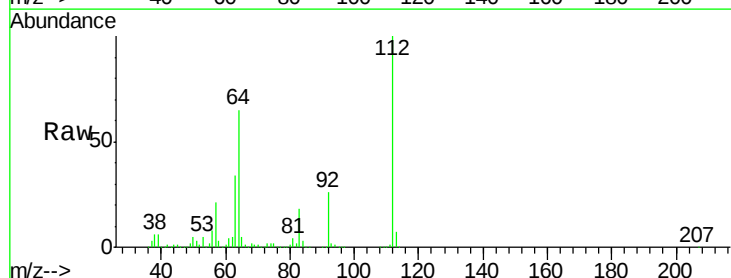
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



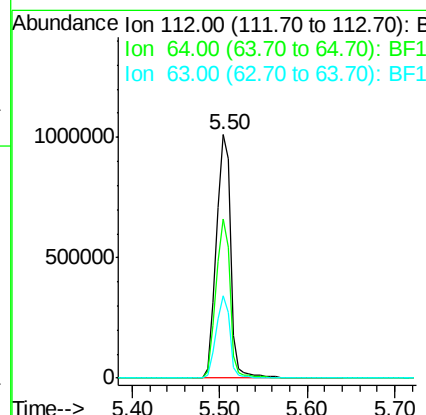
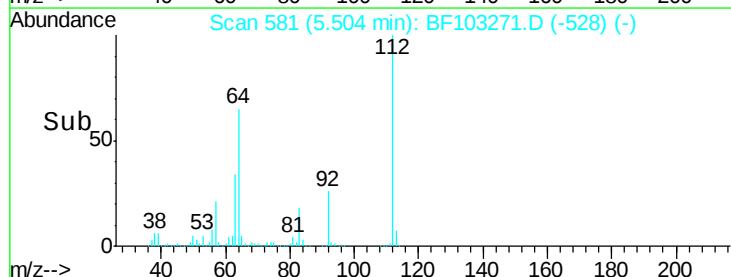
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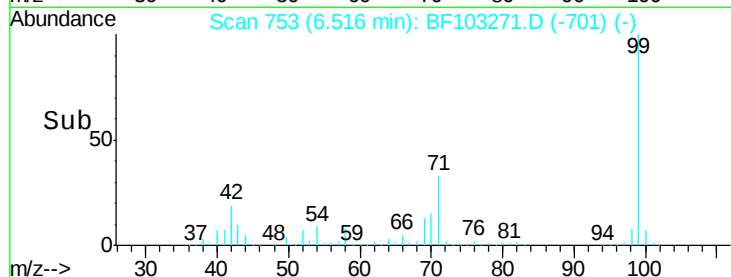
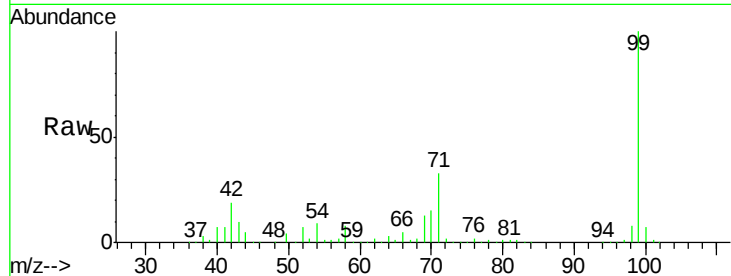
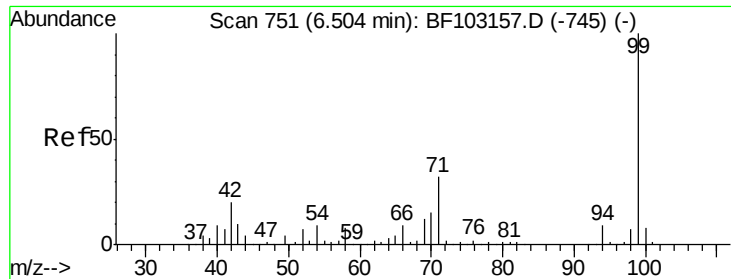
2-Fluorophenol
Concen: 113.48 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103271.D
Acq: 27 Feb 2018 18:55

Tgt Ion:112 Resp: 1172074
Ion Ratio Lower Upper
112 100
64 65.5 47.9 71.9
63 33.7 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

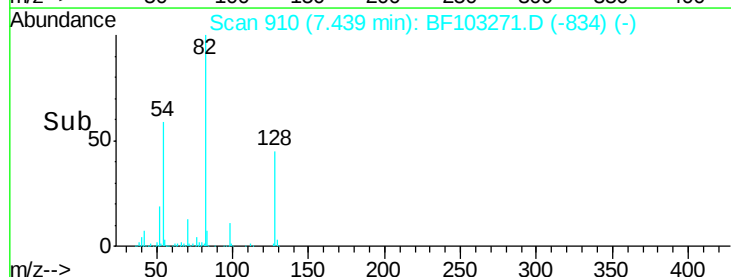
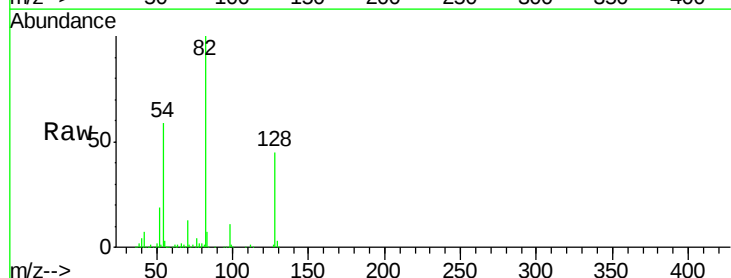
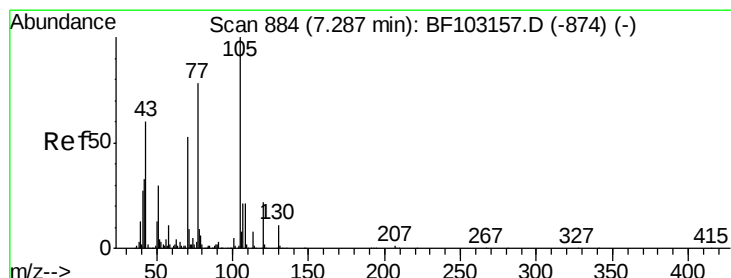
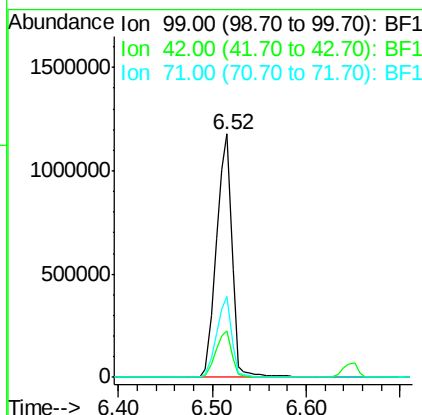




#7
 Phenol-d6
 Concen: 109.36 ng
 RT: 6.52 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: BF103271.D
 Acq: 27 Feb 2018 18:55

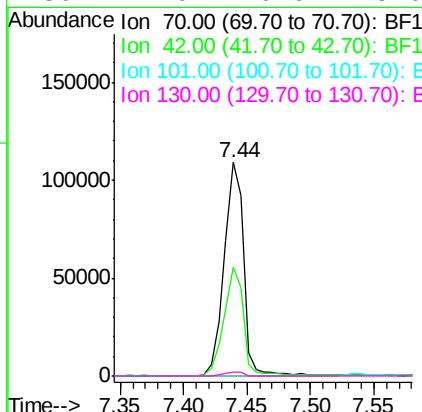
Instrument :
 BNA_F
 ClientSampleId :

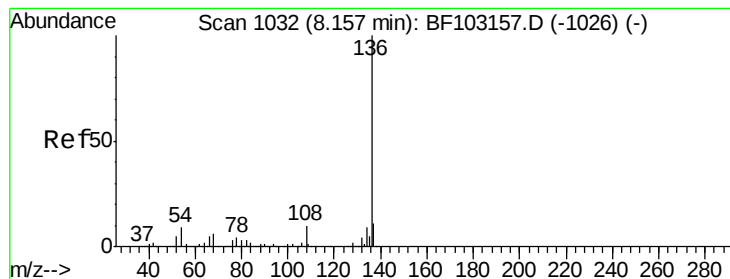
Tot Ion: 99 Resp: 1382056
 Ion Ratio Lower Upper
 99 100
 42 19.2 14.5 21.7
 71 33.1 25.4 38.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 14.88 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.15 min
 Lab File: BF103271.D
 Acq: 27 Feb 2018 18:55

Tgt Ion: 70 Resp: 117067
 Ion Ratio Lower Upper
 70 100
 42 51.0 47.5 71.3
 101 0.0 7.4 11.2#
 130 2.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103271.D

Acq: 27 Feb 2018 18:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 630852

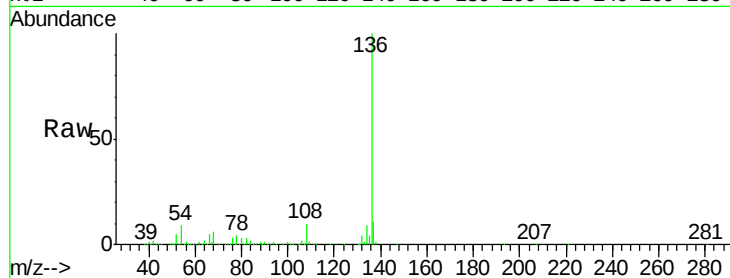
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.1 6.6 9.8

68 6.4 5.0 7.4

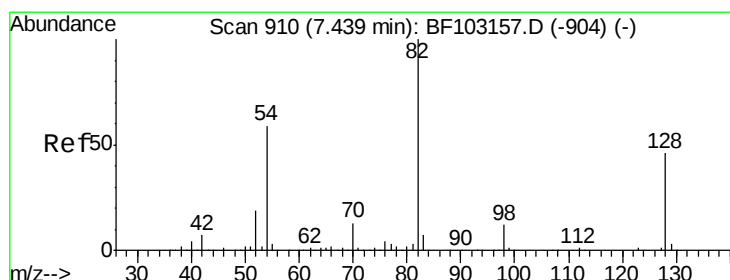
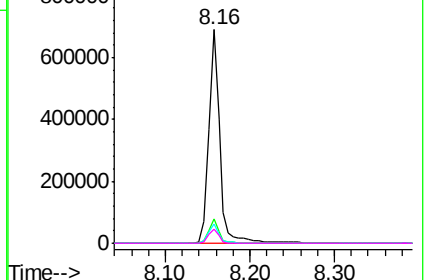
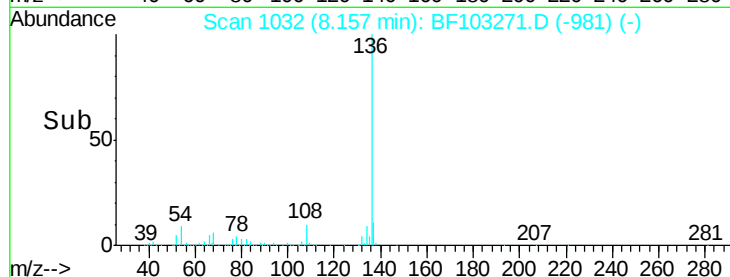


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 79.42 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103271.D

Acq: 27 Feb 2018 18:55

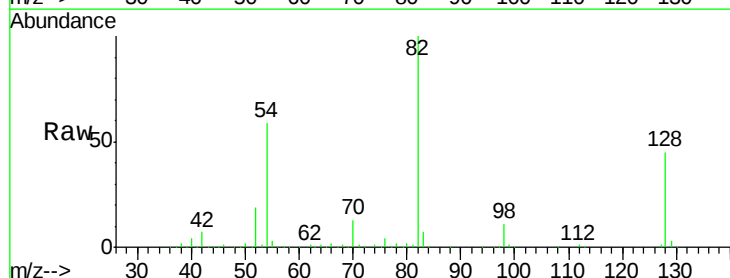
Tgt Ion: 82 Resp: 877355

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

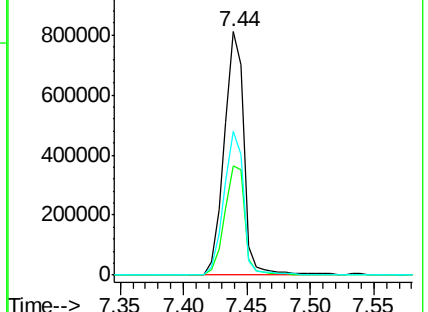
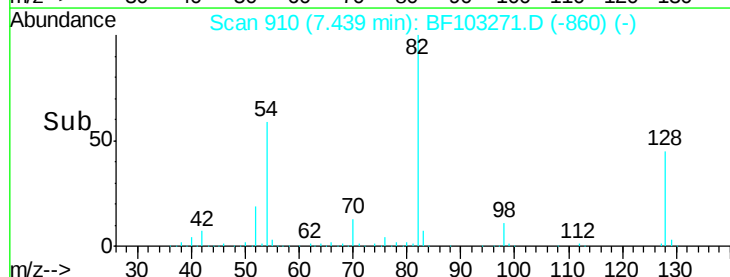
54 59.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

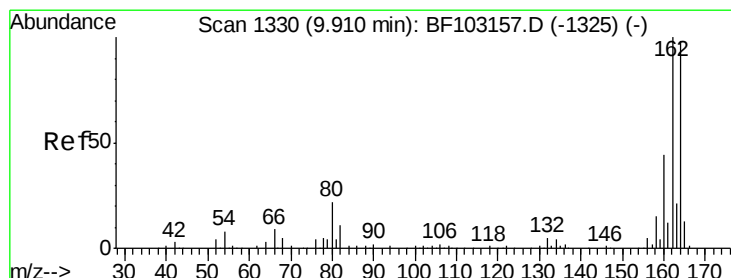
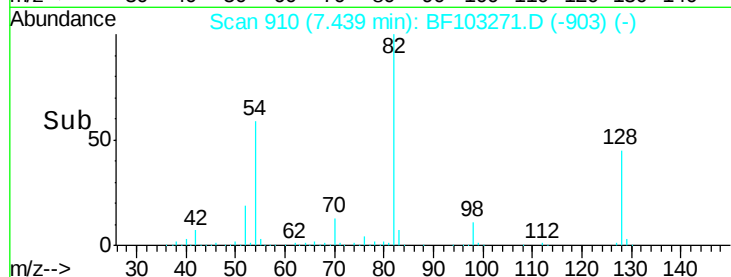
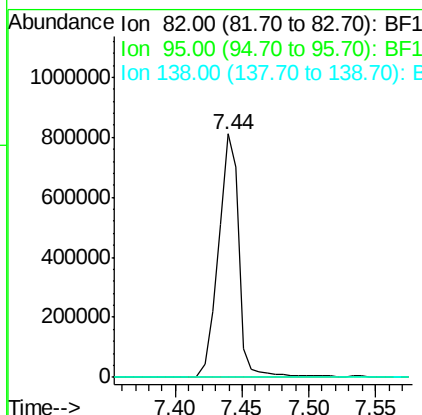
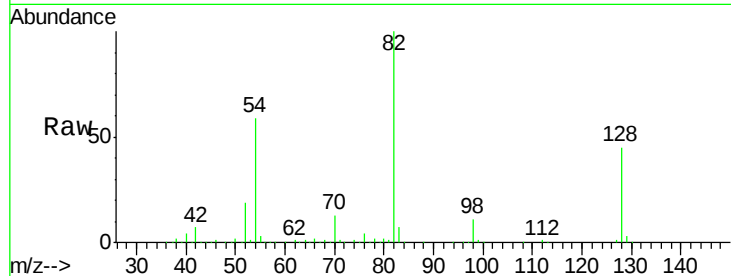




#25
Isophorone
Concen: 40.33 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103271.D
Acq: 27 Feb 2018 18:55

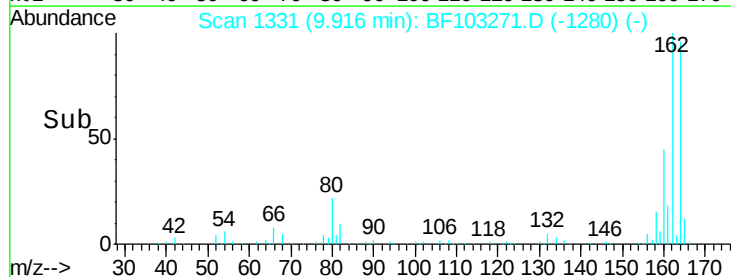
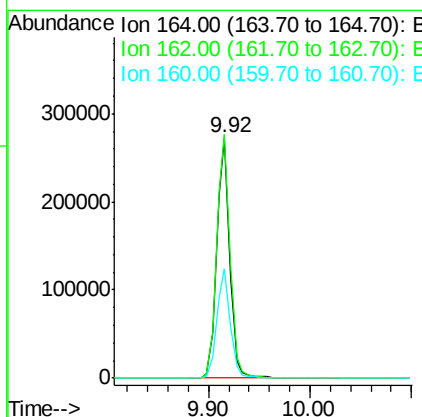
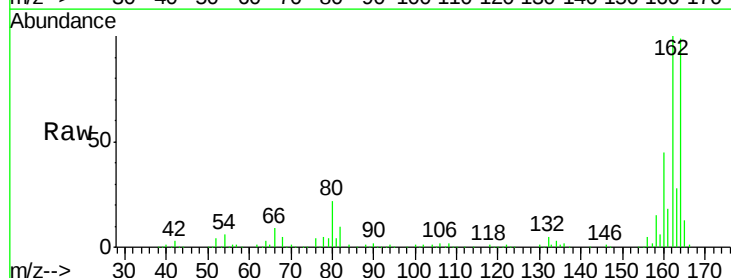
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 877473
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103271.D
Acq: 27 Feb 2018 18:55

Tgt Ion:164 Resp: 243290
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 45.4 38.3 57.5

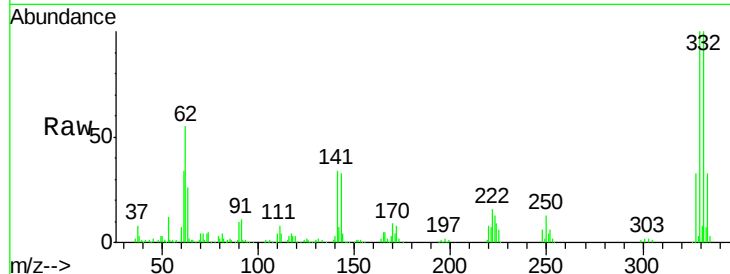




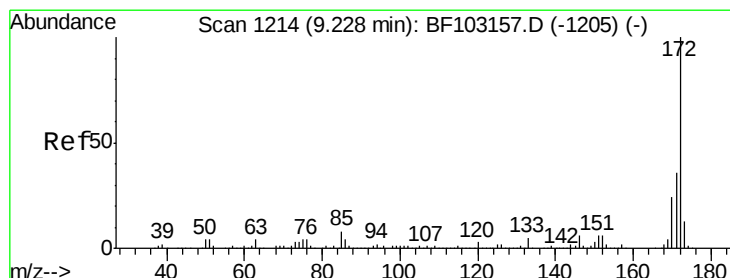
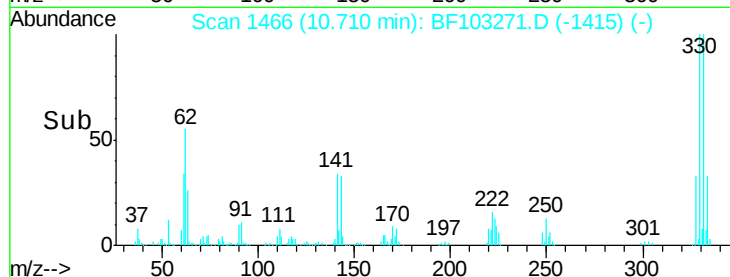
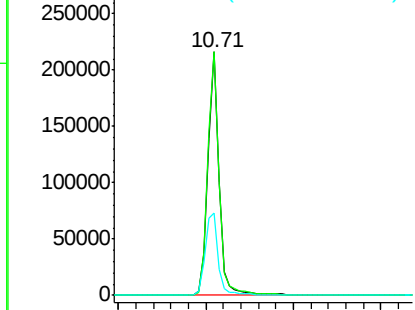
#41
 2,4,6-Tribromophenol
 Concen: 94.76 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103271.D
 Acq: 27 Feb 2018 18:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 195143
 Ion Ratio Lower Upper
 330 100
 332 101.2 77.0 115.6
 141 39.3 29.9 44.9

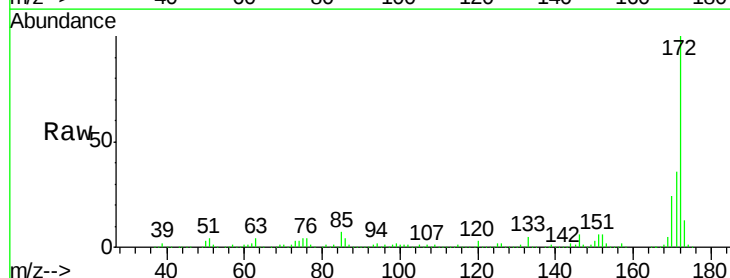


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

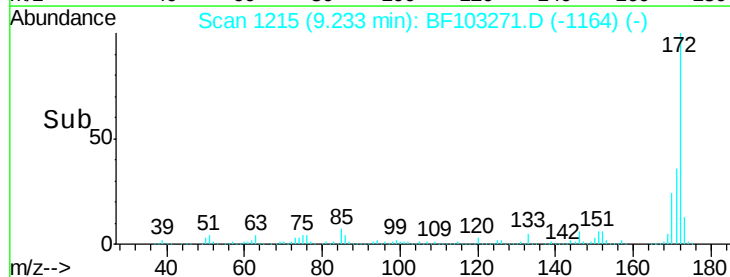
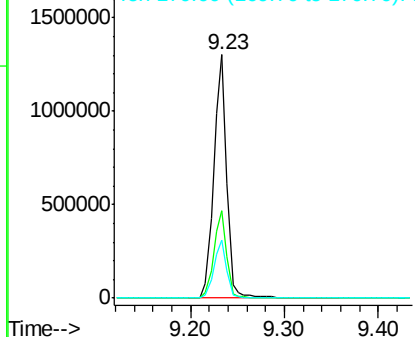


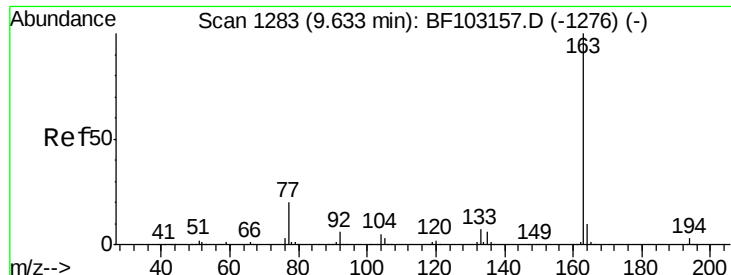
#44
 2-Fluorobiphenyl
 Concen: 91.92 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103271.D
 Acq: 27 Feb 2018 18:55

Tgt Ion:172 Resp: 1273678
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.9 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

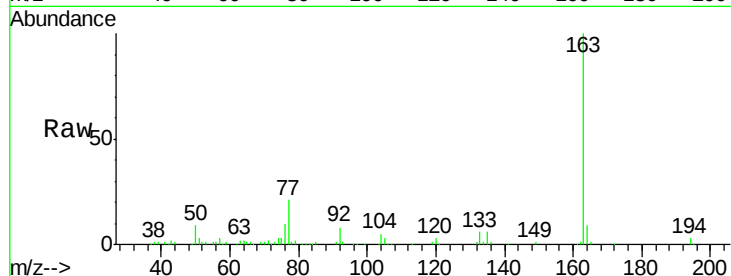




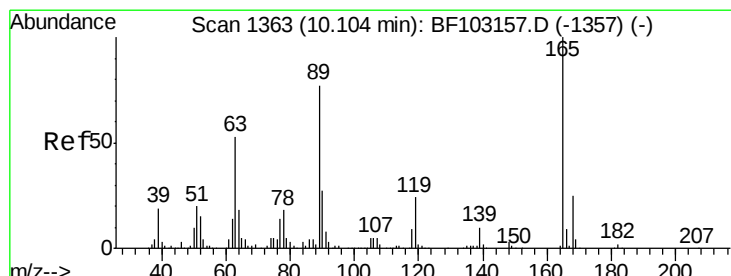
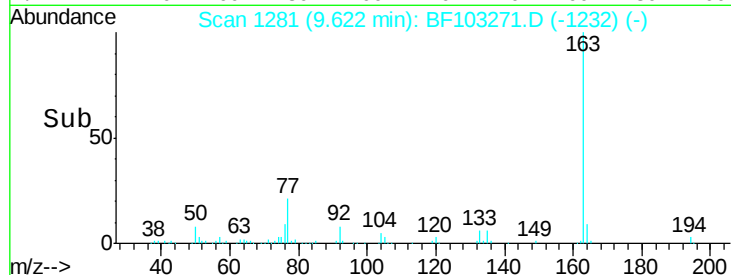
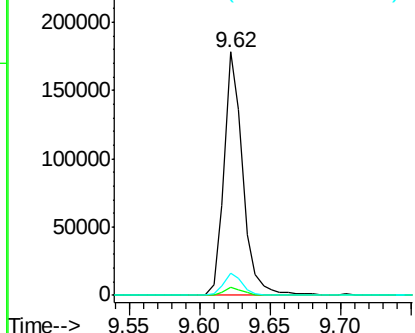
#49
Dimethylphthalate
Concen: 8.50 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103271.D
Acq: 27 Feb 2018 18:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 165808
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 8.9 8.2 12.2

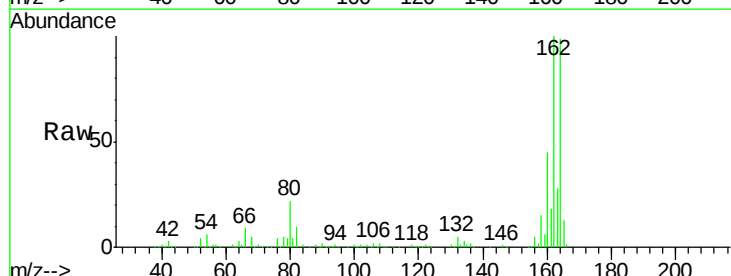


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

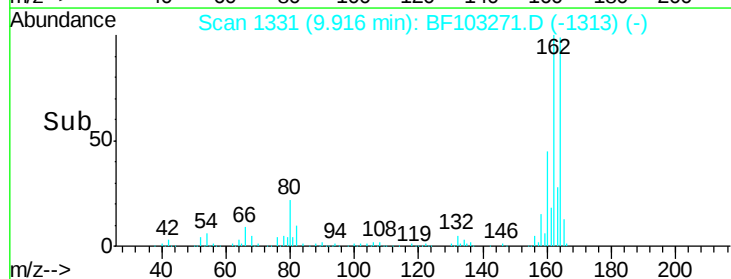
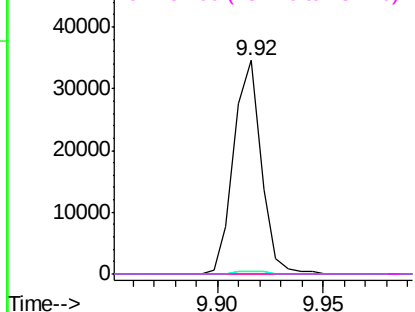


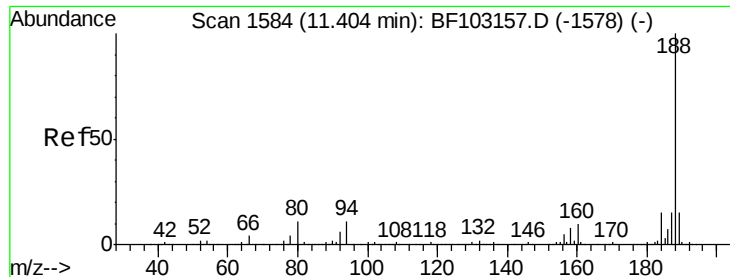
#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103271.D
Acq: 27 Feb 2018 18:55

Tgt Ion:165 Resp: 31115
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.3 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

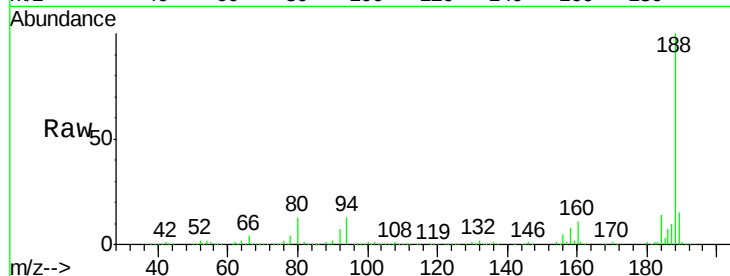




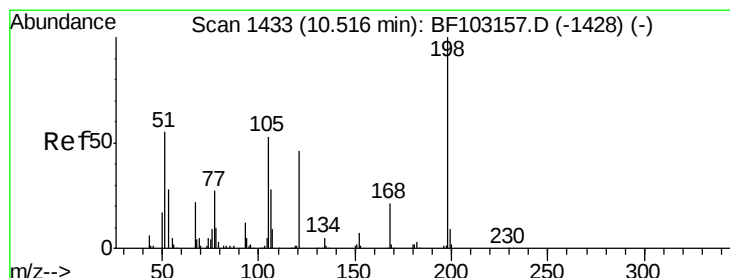
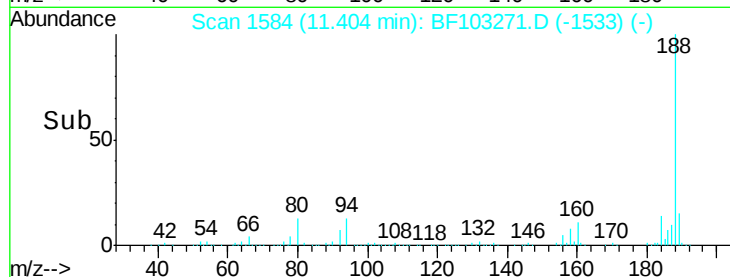
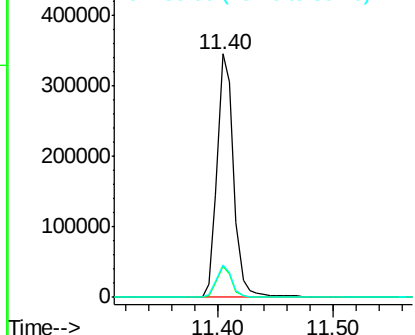
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF103271.D
 Acq: 27 Feb 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 344649
 Ion Ratio Lower Upper
 188 100
 94 12.8 8.5 12.7#
 80 13.2 9.2 13.8

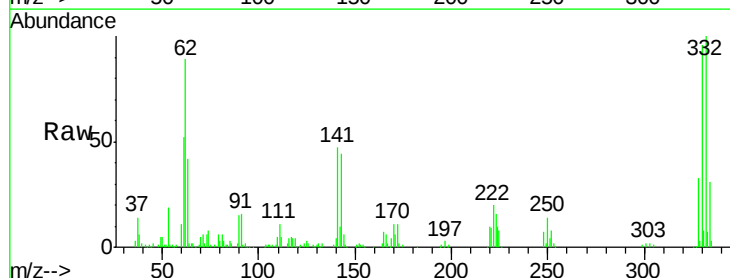


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

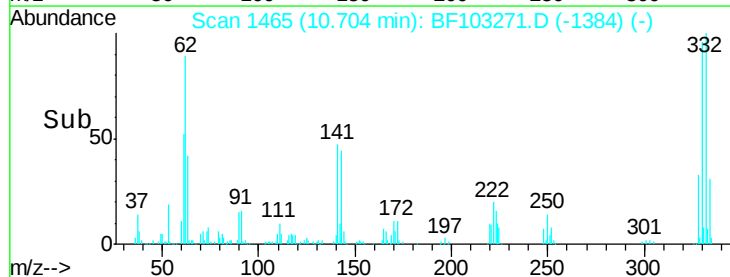
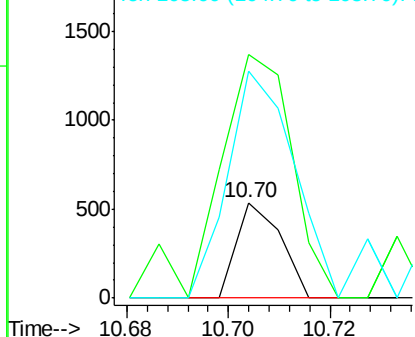


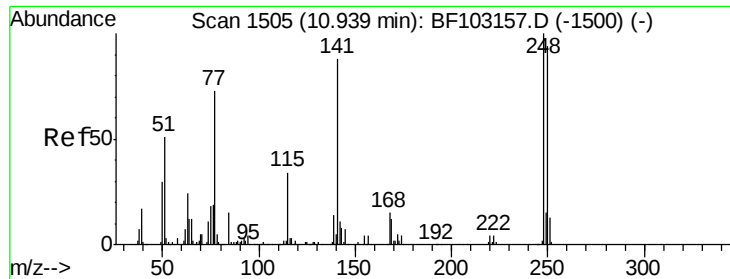
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.08 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.18 min
 Lab File: BF103271.D
 Acq: 27 Feb 2018 18:55

Tgt Ion:198 Resp: 326
 Ion Ratio Lower Upper
 198 100
 51 255.4 37.7 77.7#
 105 238.1 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

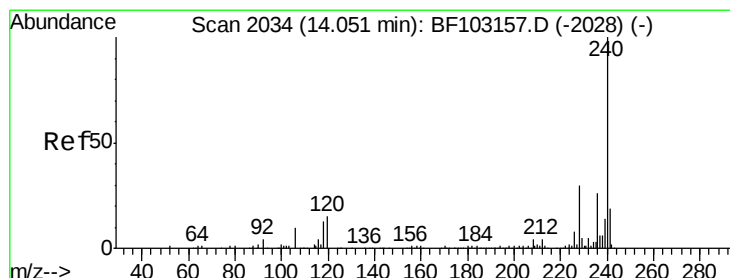
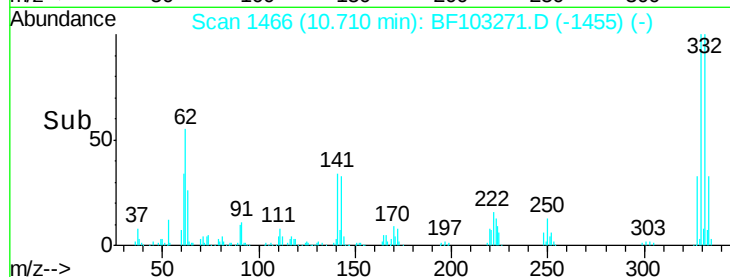
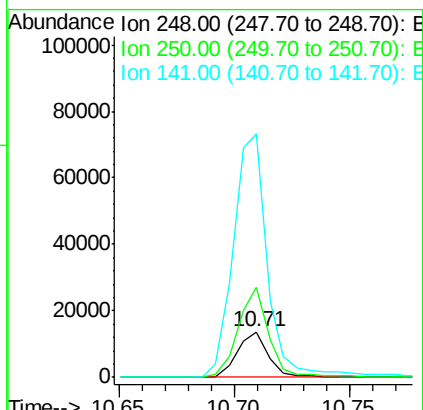
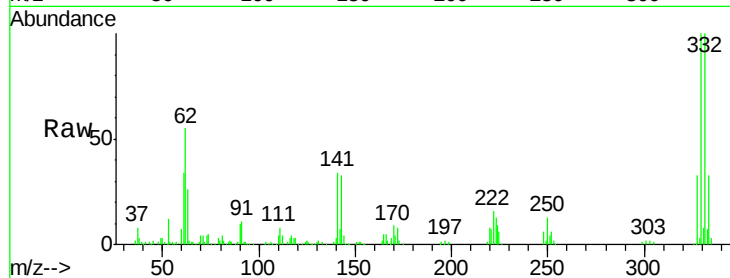




#66
 4-Bromophenyl-phenylether
 Concen: 3.54 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF103271.D
 Acq: 27 Feb 2018 18:55

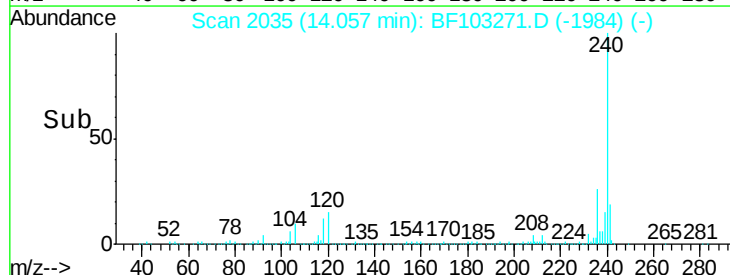
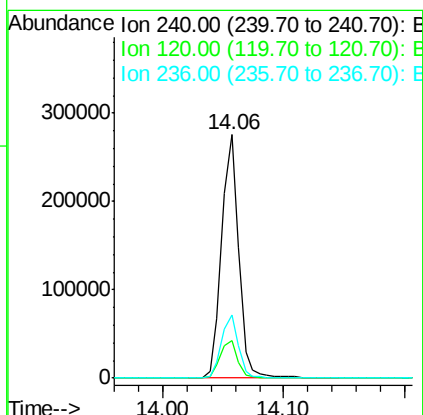
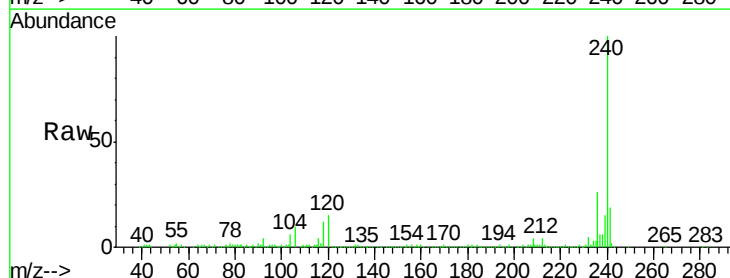
Instrument :
 BNA_F
 ClientSampled :

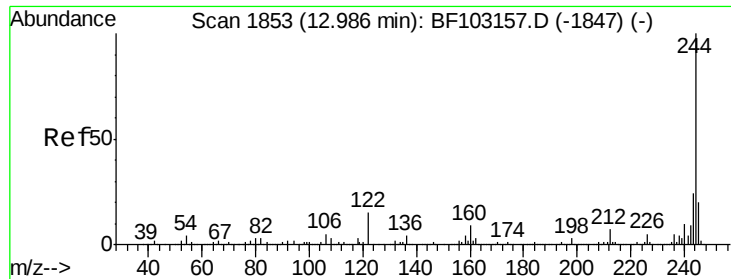
Tot Ion:248 Resp: 12710
 Ion Ratio Lower Upper
 248 100
 250 198.3 76.9 115.3#
 141 537.4 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF103271.D
 Acq: 27 Feb 2018 18:55

Tgt Ion:240 Resp: 269582
 Ion Ratio Lower Upper
 240 100
 120 15.4 9.5 14.3#
 236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 77.26 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103271.D

Acq: 27 Feb 2018 18:55

Instrument :

BNA_F

ClientSampleId :

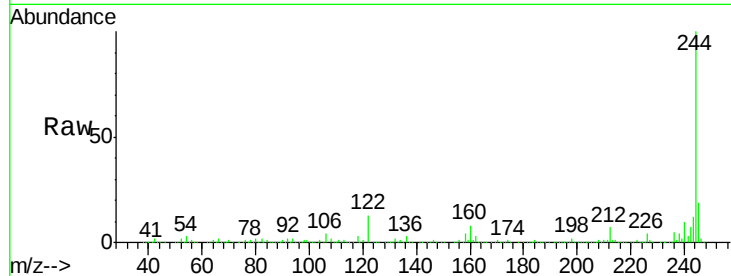
Tot Ion:244 Resp: 866489

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

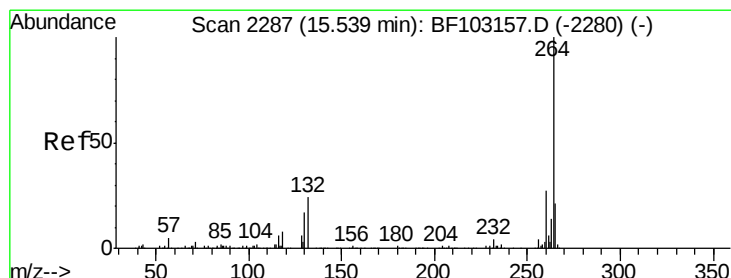
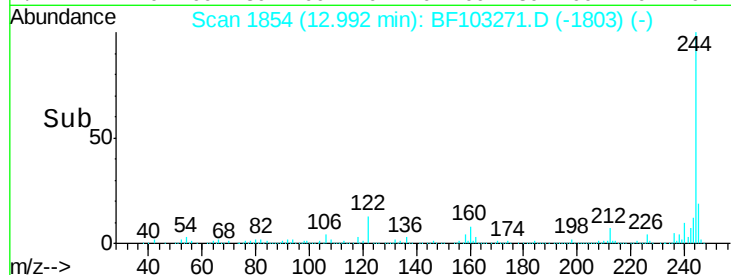
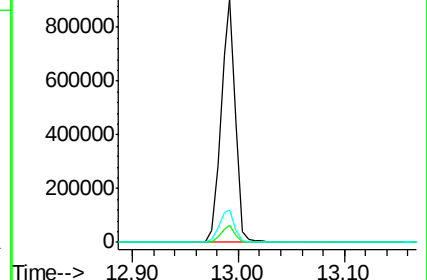
122 13.4 11.0 16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BF103271.D

Acq: 27 Feb 2018 18:55

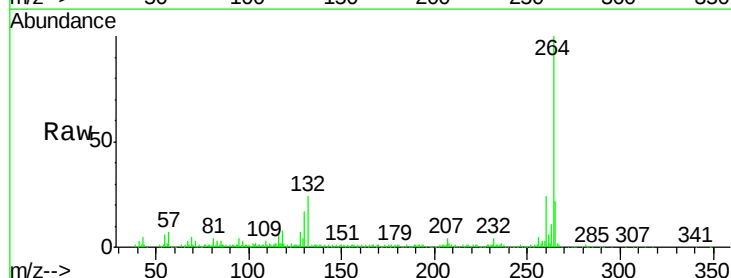
Tgt Ion:264 Resp: 193525

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.6 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

