

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102824.D
 Acq On : 7 Feb 2018 19:53
 Operator : SJ/JU
 Sample : J1403-01 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 02:19:38 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

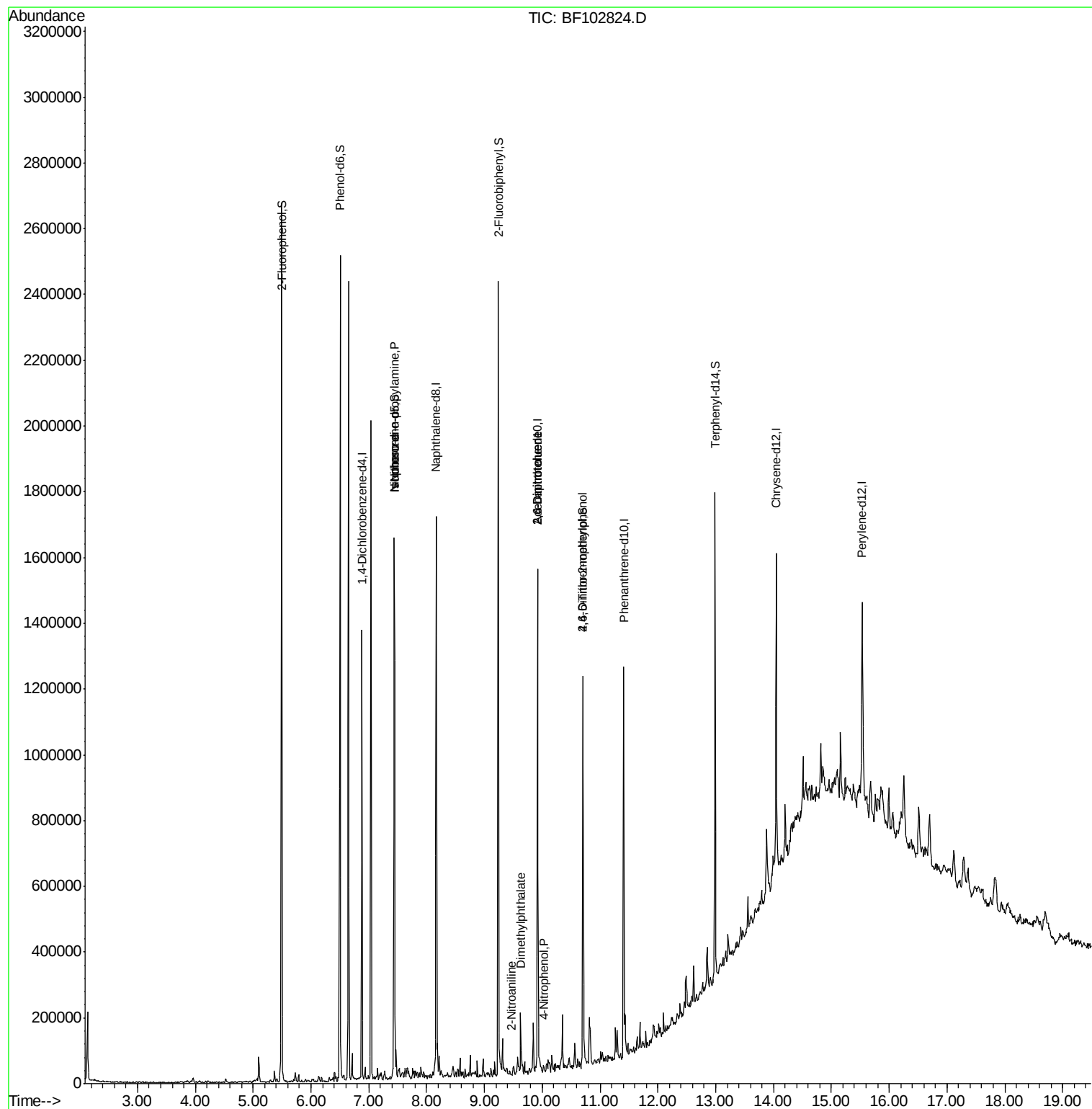
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	183294	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	737295	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	304421	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	440901	20.00	ng	0.00
75) Chrysene-d12	14.04	240	333617	20.00	ng	0.00
86) Perylene-d12	15.53	264	287358	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	665129	55.11	ng	0.00
7) Phenol-d6	6.50	99	783815	53.94	ng	0.00
23) Nitrobenzene-d5	7.44	82	477100	44.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	132623	54.13	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	761642	41.52	ng	0.00
78) Terphenyl-d14	12.99	244	519613	36.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	60780	6.34	ng	# 85
25) Isophorone	7.44	82	474983	19.41	ng	# 64
47) 2-Nitroaniline	9.47	65	143	3.49	ng	# 16
49) Dimethylphthalate	9.63	163	51656	2.18	ng	# 98
50) 2,6-Dinitrotoluene	9.92	165	40078	8.87	ng	# 26
55) 4-Nitrophenol	10.03	139	343	4.10	ng	# 52
56) 2,4-Dinitrotoluene	9.92	165	40678	9.36	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	120	8.85	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102824.D
Acq On : 7 Feb 2018 19:53
Operator : SJ/JU
Sample : J1403-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 08 02:19:38 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF102824.D

Acq: 7 Feb 2018 19:53

Instrument :

BNA_F

ClientSampleId :

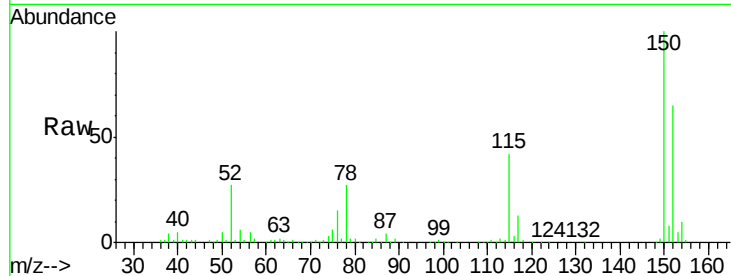
Tot Ion:152 Resp: 183294

Ion Ratio Lower Upper

152 100

150 153.5 124.6 186.8

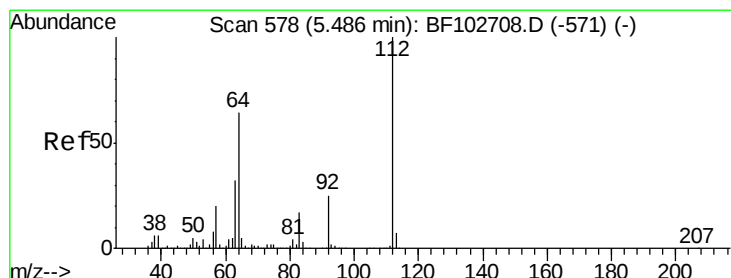
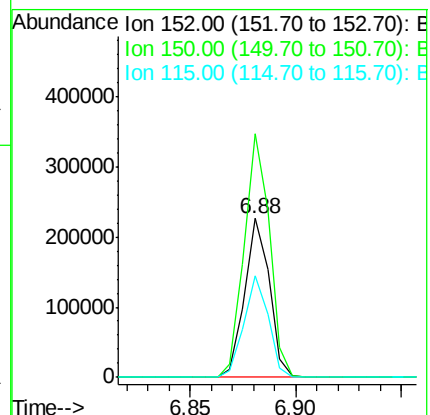
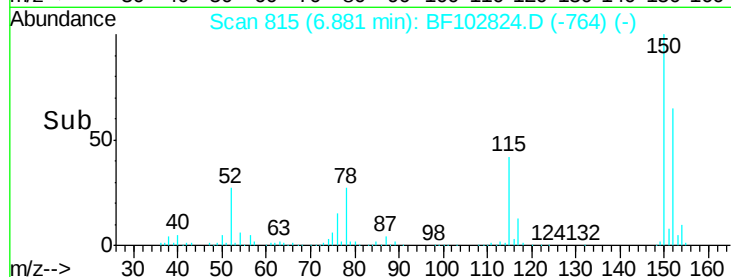
115 63.8 50.1 75.1



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: 55.11 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF102824.D

Acq: 7 Feb 2018 19:53

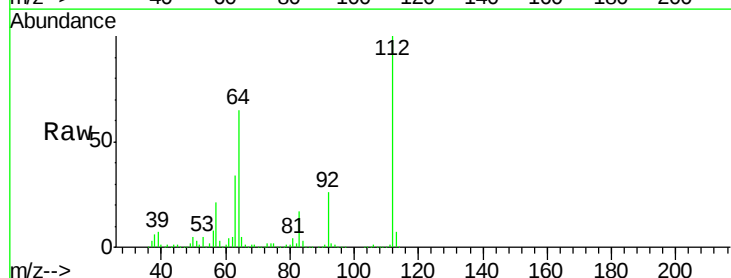
Tgt Ion:112 Resp: 665129

Ion Ratio Lower Upper

112 100

64 65.2 47.9 71.9

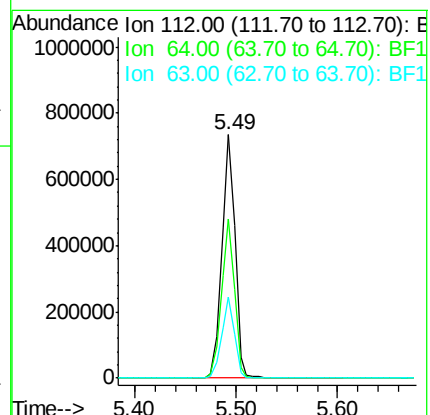
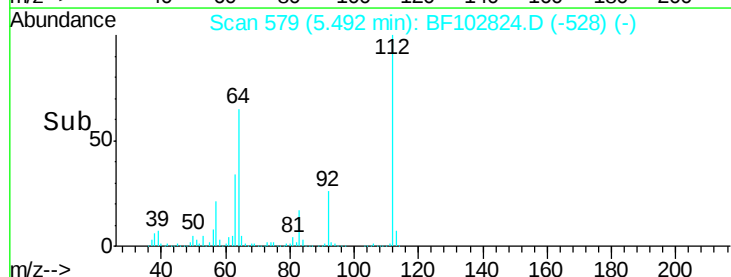
63 33.5 23.7 35.5



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: 53.94 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102824.D

Acq: 7 Feb 2018 19:53

Instrument :

BNA_F

ClientSampled :

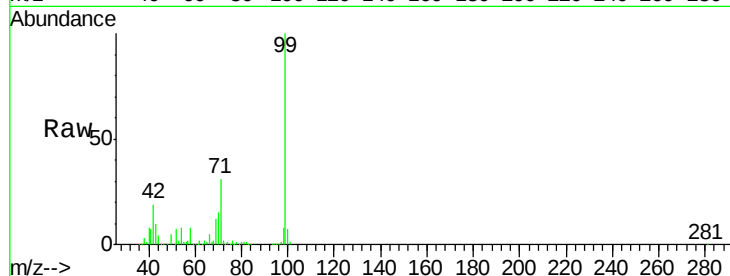
Tot Ion: 99 Resp: 783815

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

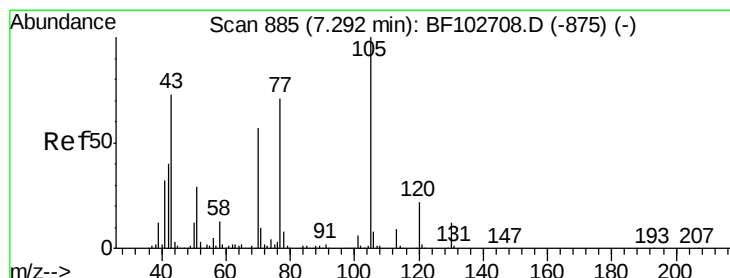
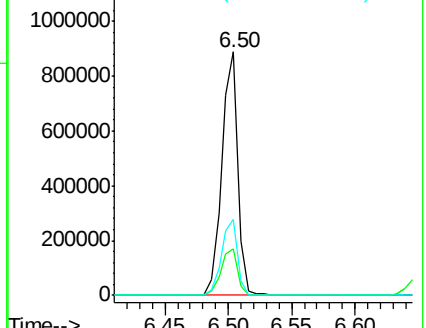
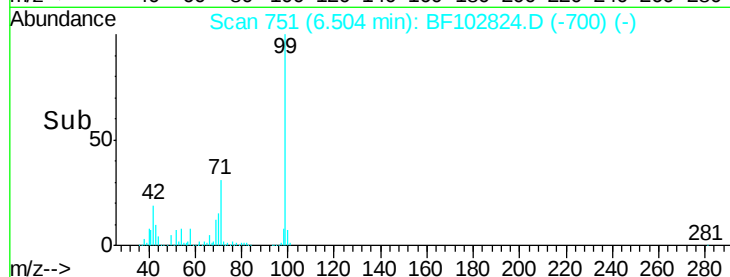
71 31.3 25.4 38.0



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: 6.34 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF102824.D

Acq: 7 Feb 2018 19:53

Tgt Ion: 70 Resp: 60780

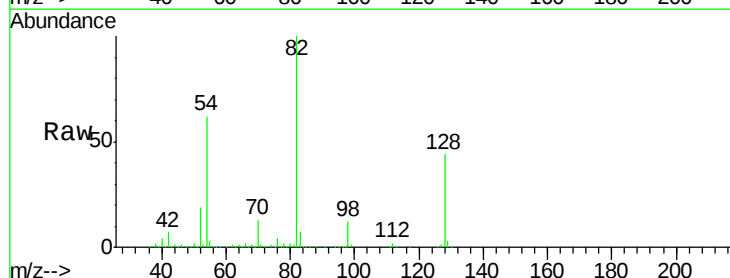
Ion Ratio Lower Upper

70 100

42 56.5 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

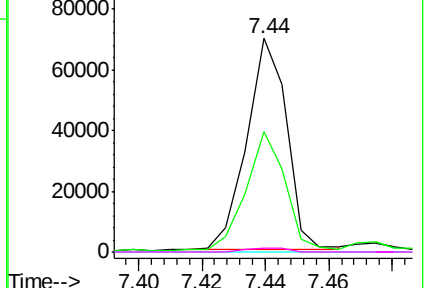
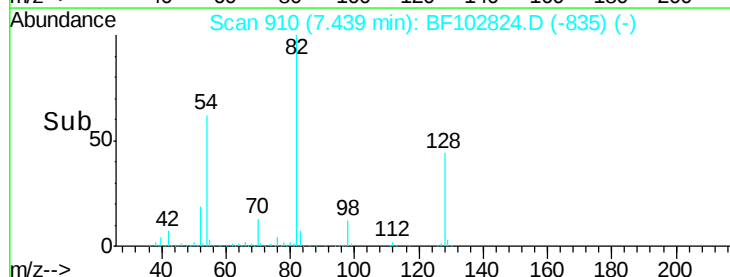


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

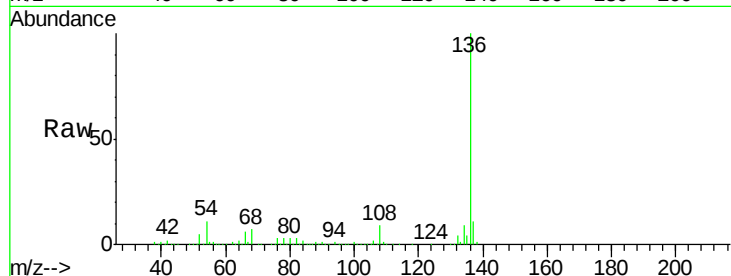




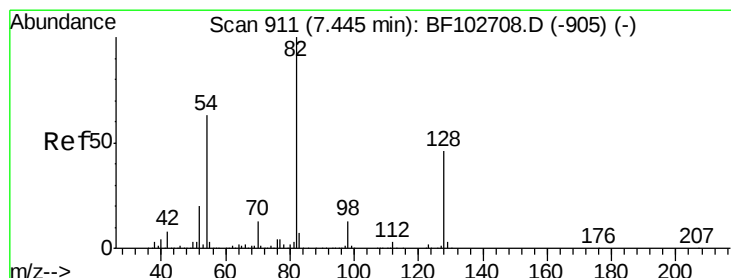
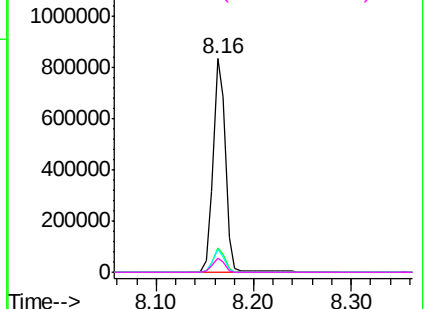
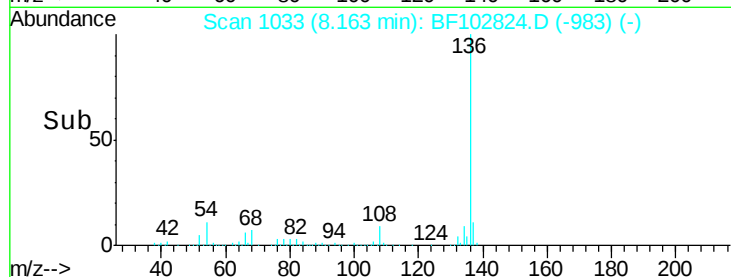
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102824.D
Acq: 7 Feb 2018 19:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	737295
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	10.6	6.6 9.8#
68	6.8	5.0 7.4

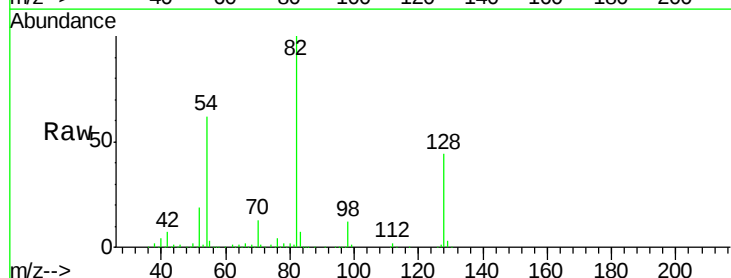


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

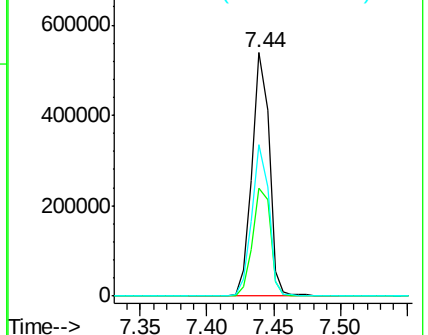
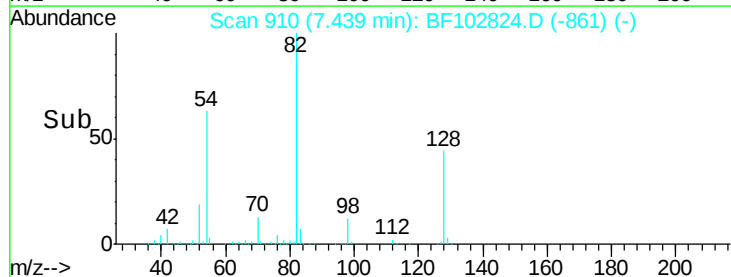


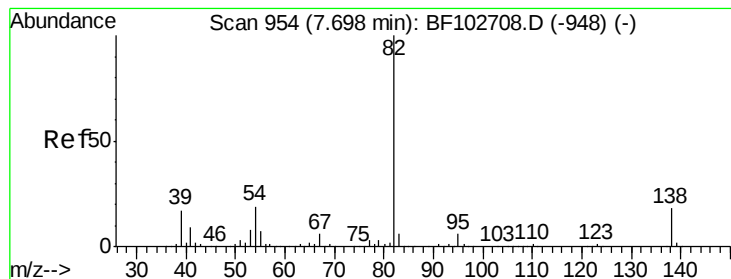
#23
Nitrobenzene-d5
Concen: 44.89 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102824.D
Acq: 7 Feb 2018 19:53

Tgt Ion: 82	Resp:	477100
Ion Ratio	Lower	Upper
82	100	
128	44.4	36.1 54.1
54	62.5	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: 19.41 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF102824.D

Acq: 7 Feb 2018 19:53

Instrument :

BNA_F

ClientSampleId :

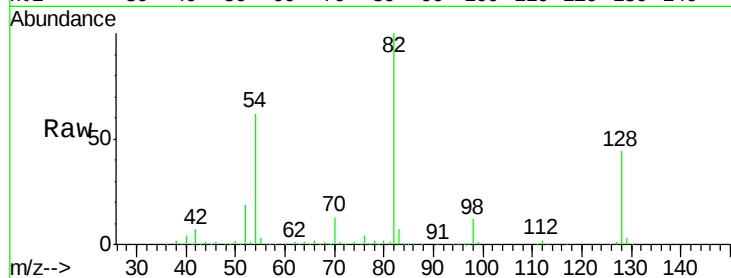
Tot Ion: 82 Resp: 474983

Ion Ratio Lower Upper

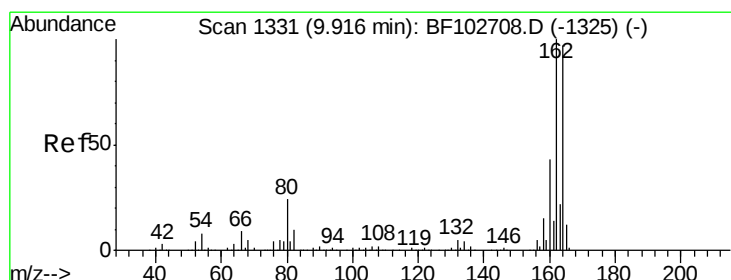
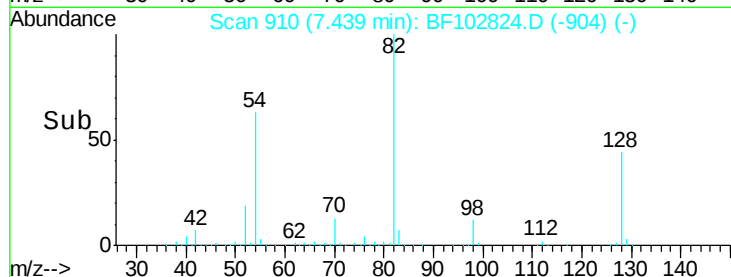
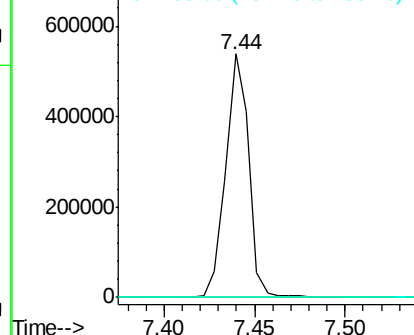
82 100

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: BF102824.D

Acq: 7 Feb 2018 19:53

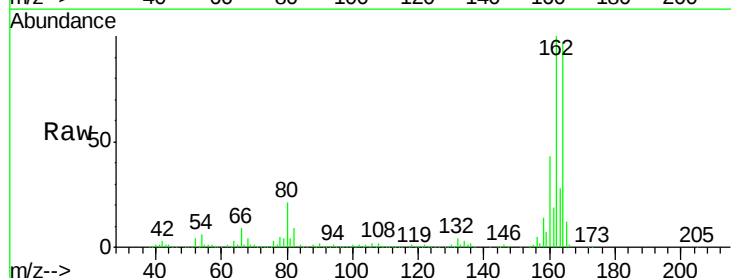
Tgt Ion:164 Resp: 304421

Ion Ratio Lower Upper

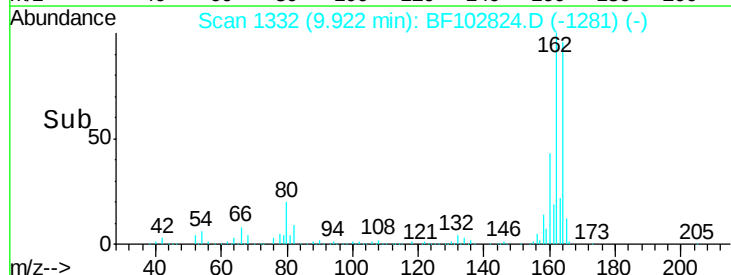
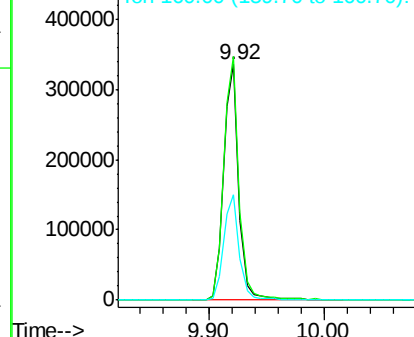
164 100

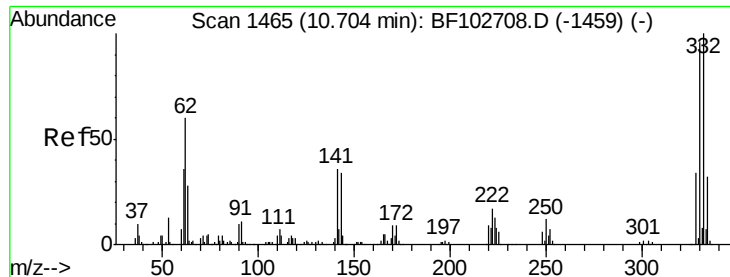
162 103.5 86.1 129.1

160 44.8 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: 54.13 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF102824.D

Acq: 7 Feb 2018 19:53

Instrument :

BNA_F

ClientSampleId :

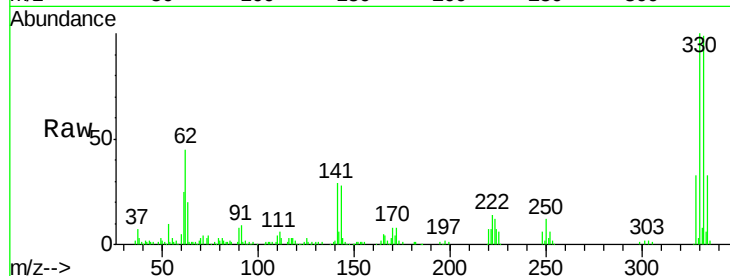
Tot Ion:330 Resp: 132623

Ion Ratio Lower Upper

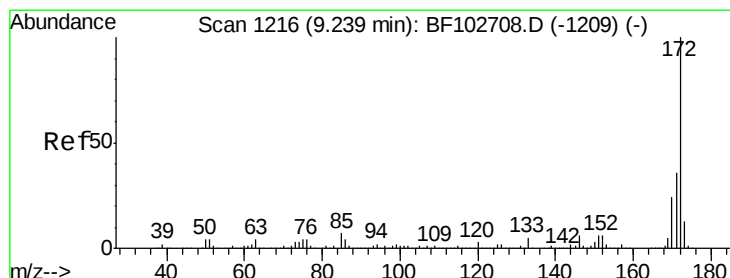
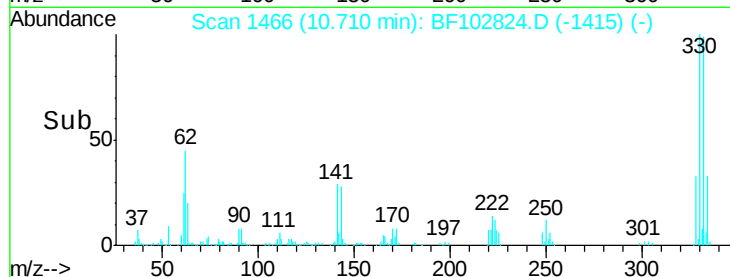
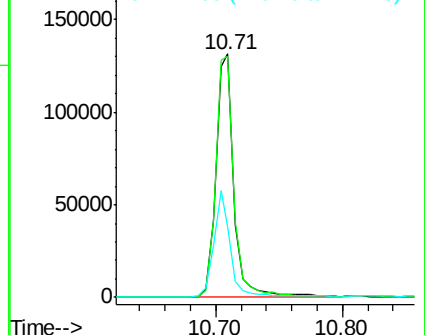
330 100

332 100.9 77.0 115.6

141 39.9 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: 41.52 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF102824.D

Acq: 7 Feb 2018 19:53

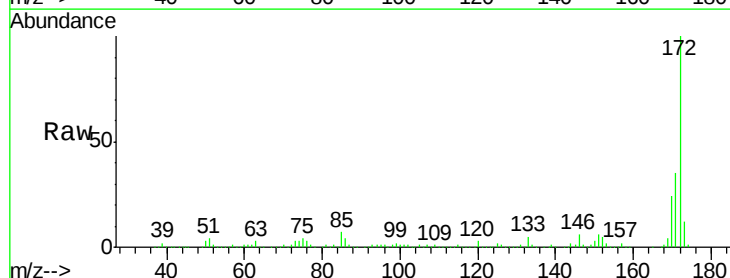
Tgt Ion:172 Resp: 761642

Ion Ratio Lower Upper

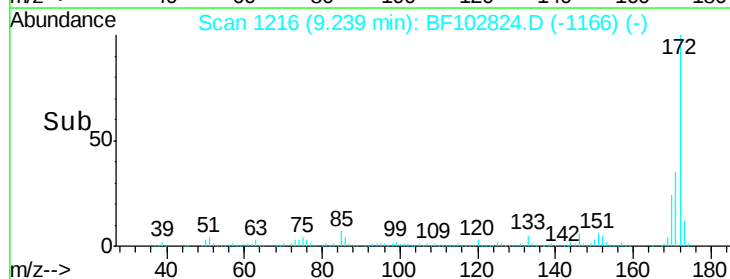
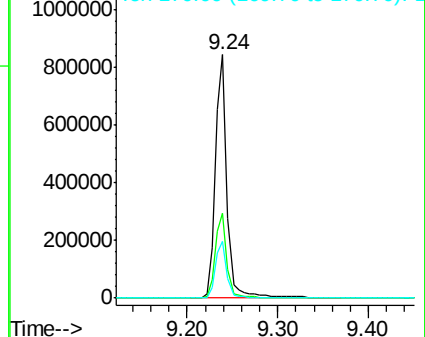
172 100

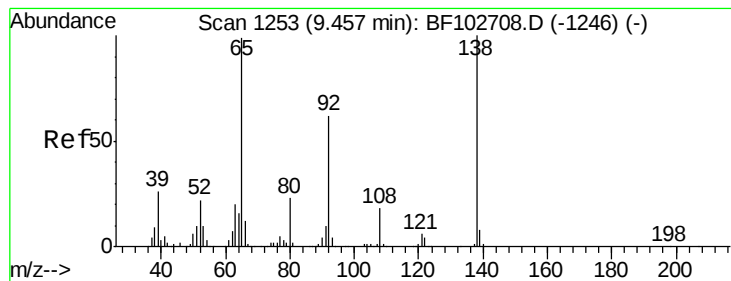
171 35.1 29.7 44.5

170 23.5 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: 3.49 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102824.D

Acq: 7 Feb 2018 19:53

Instrument :

BNA_F

ClientSampleId :

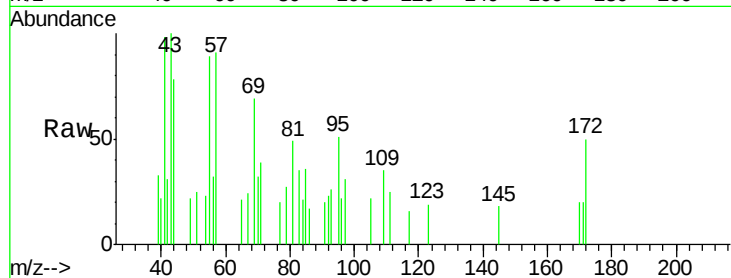
Tot Ion: 65 Resp: 143

Ion Ratio Lower Upper

65 100

92 109.6 55.8 83.6#

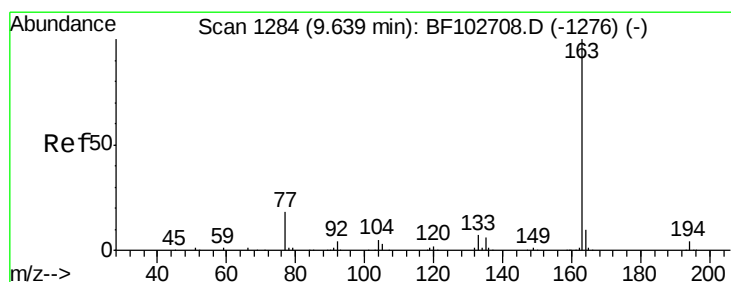
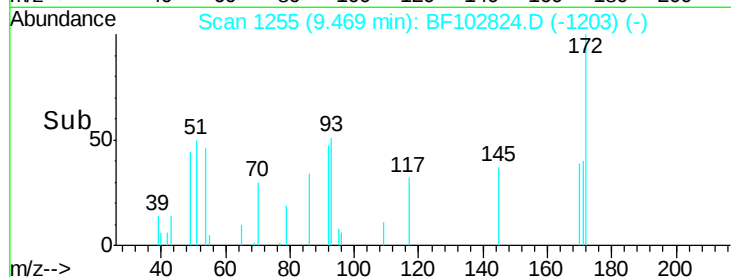
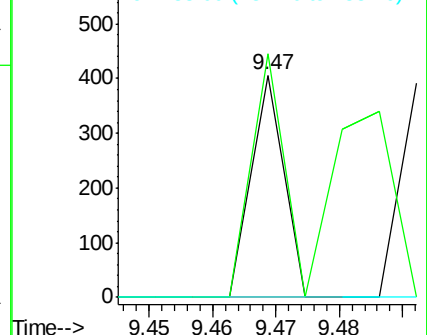
138 0.0 91.2 136.8#



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): BF1



#49

Dimethylphthalate

Concen: 2.18 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102824.D

Acq: 7 Feb 2018 19:53

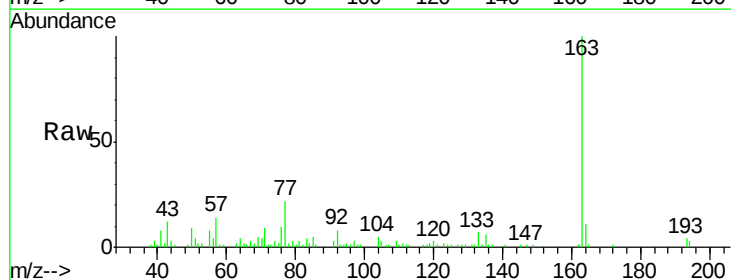
Tgt Ion: 163 Resp: 51656

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

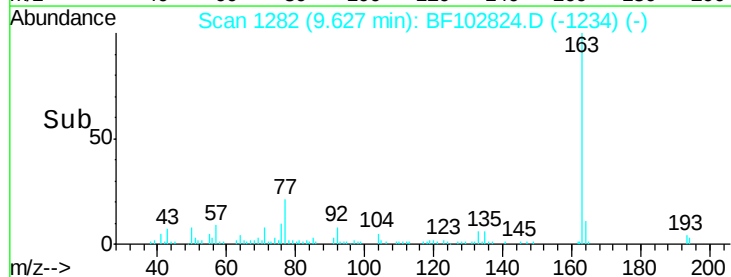
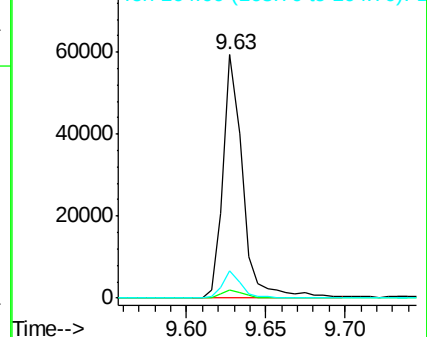
164 11.3 8.2 12.2

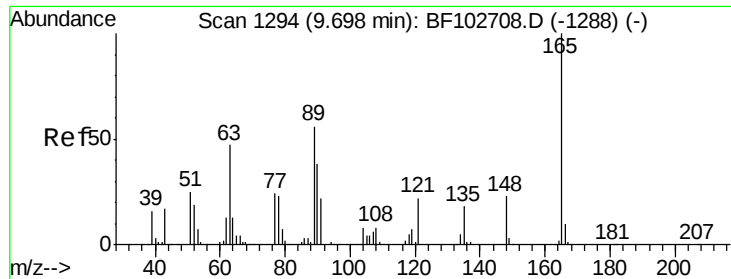


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

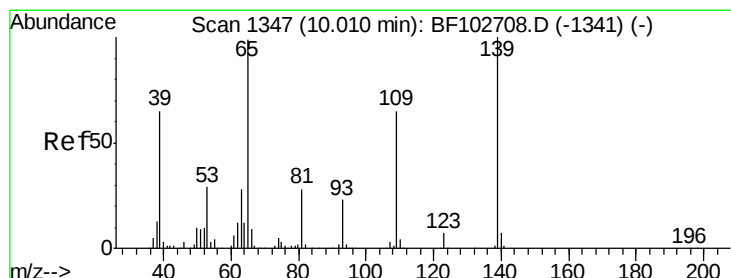
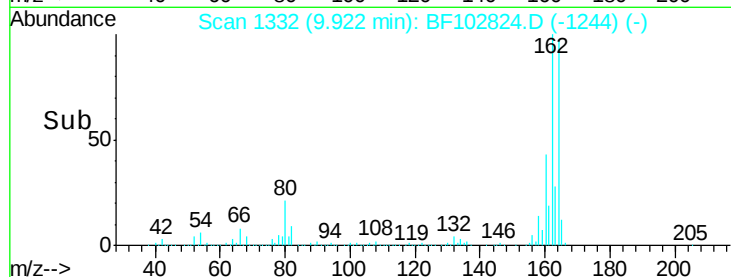
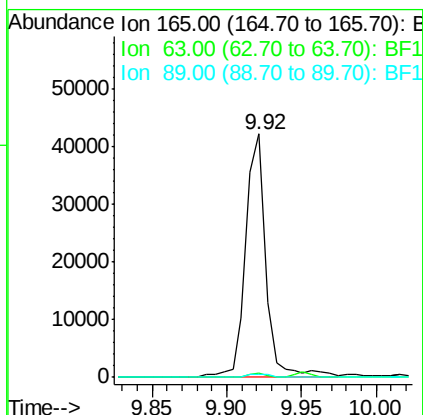
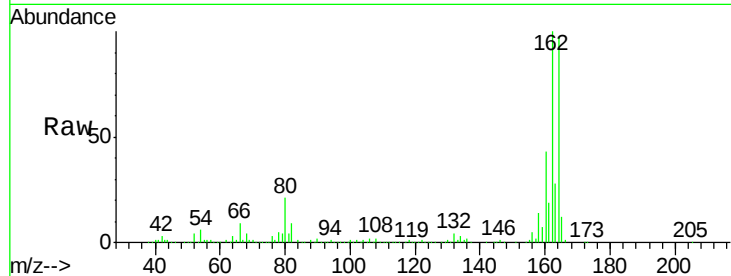




#50
 2,6-Dinitrotoluene
 Concen: 8.87 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.22 min
 Lab File: BF102824.D
 Acq: 7 Feb 2018 19:53

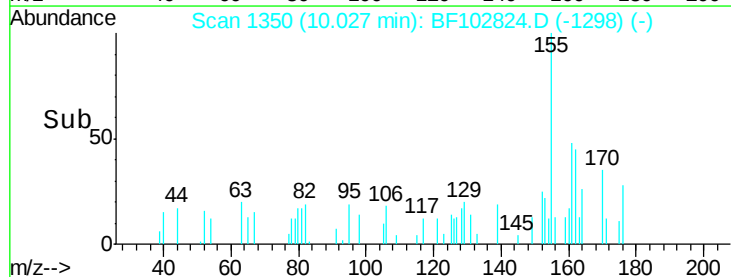
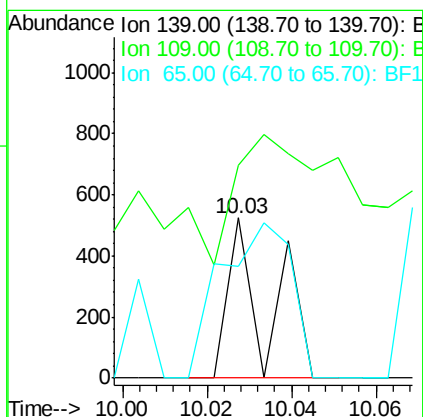
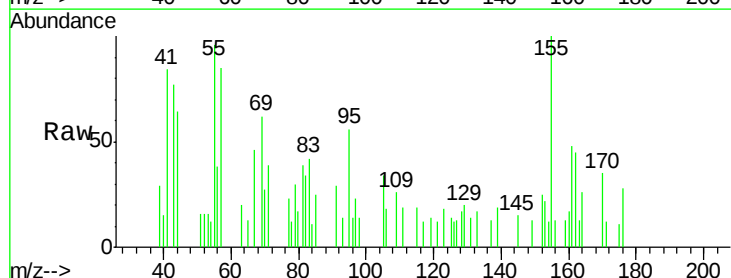
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 40078
 Ion Ratio Lower Upper
 165 100
 63 1.8 44.7 67.1#
 89 1.3 44.0 66.0#



#55
 4-Nitrophenol
 Concen: 4.10 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF102824.D
 Acq: 7 Feb 2018 19:53

Tgt Ion:139 Resp: 343
 Ion Ratio Lower Upper
 139 100
 109 133.1 48.4 88.4#
 65 69.9 72.6 112.6#

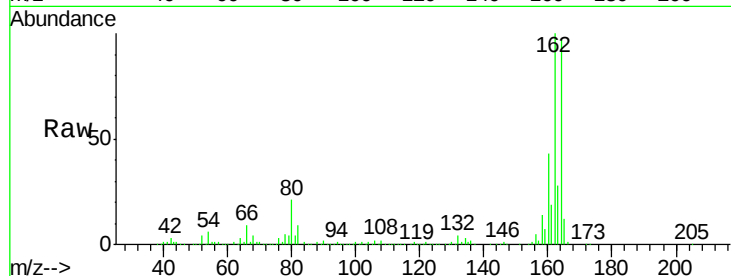




#56
 2,4-Dinitrotoluene
 Concen: 9.36 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.18 min
 Lab File: BF102824.D
 Acq: 7 Feb 2018 19:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

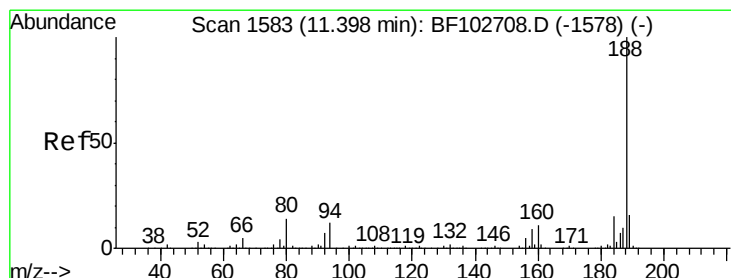
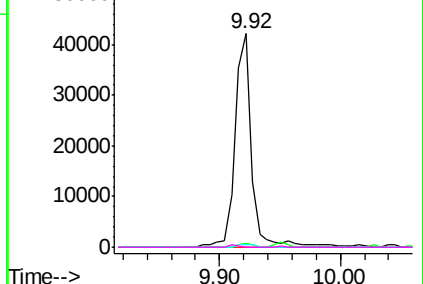
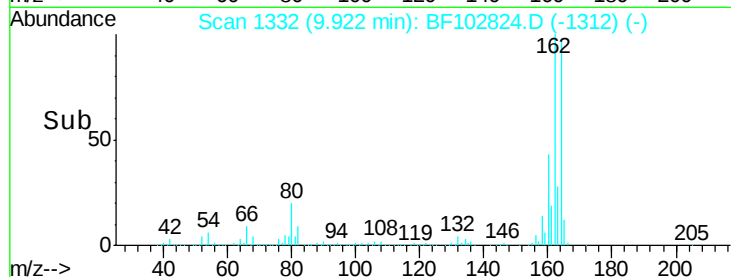


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

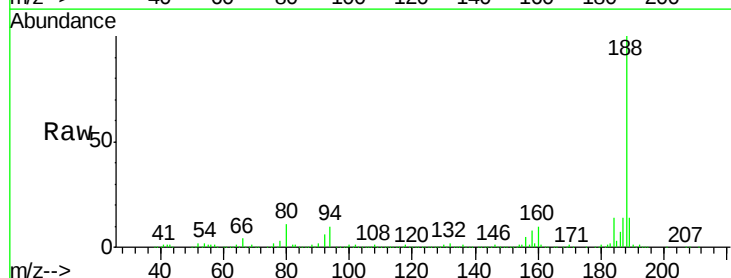
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF102824.D
 Acq: 7 Feb 2018 19:53

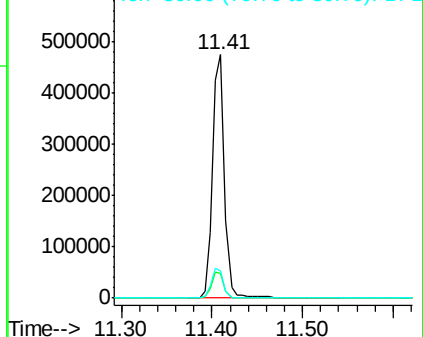
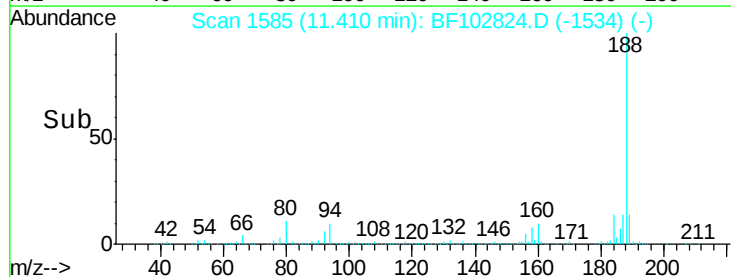
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.4	9.2	13.8

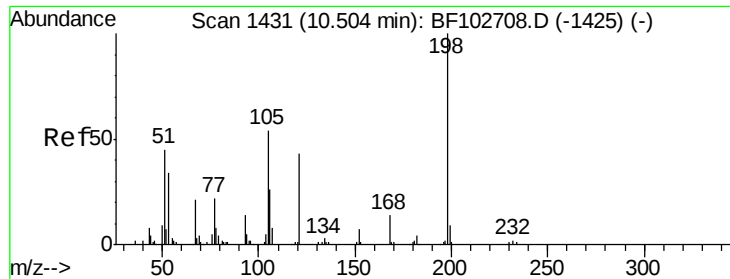


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

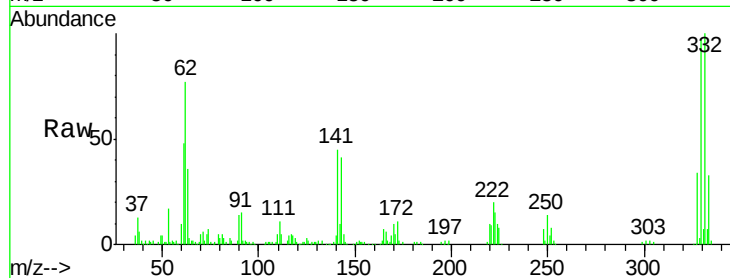




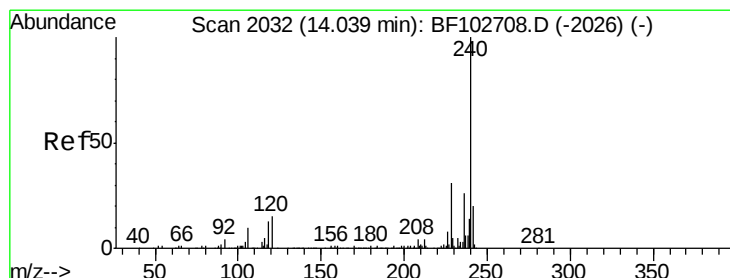
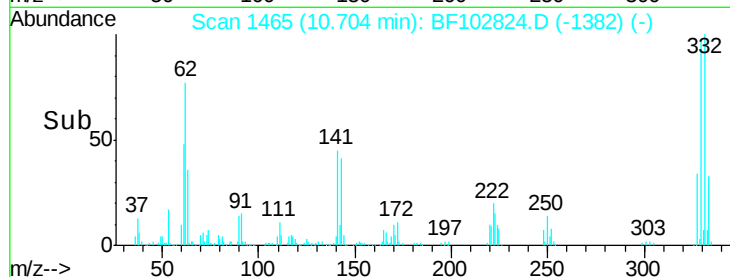
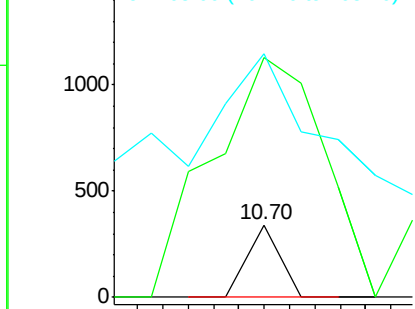
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.85 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF102824.D
 Acq: 7 Feb 2018 19:53

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:198 Resp: 120
 Ion Ratio Lower Upper
 198 100
 51 331.5 37.7 77.7#
 105 337.1 36.3 76.3#

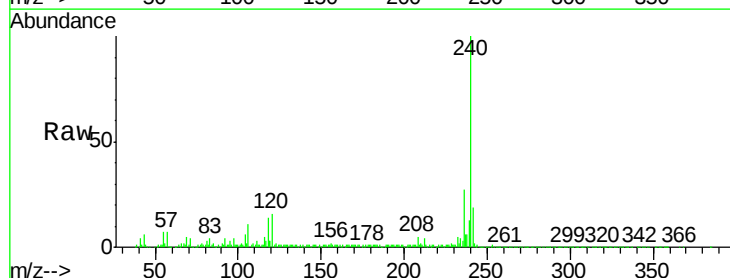


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

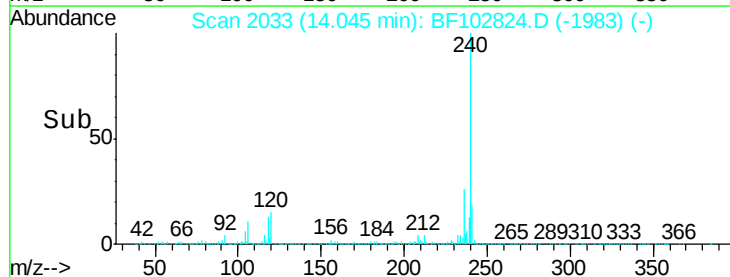
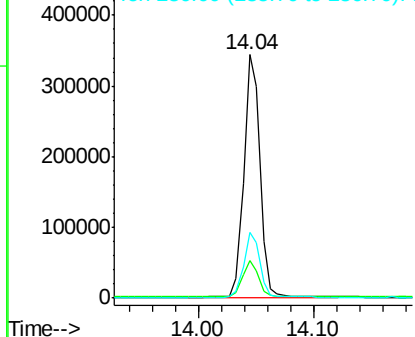


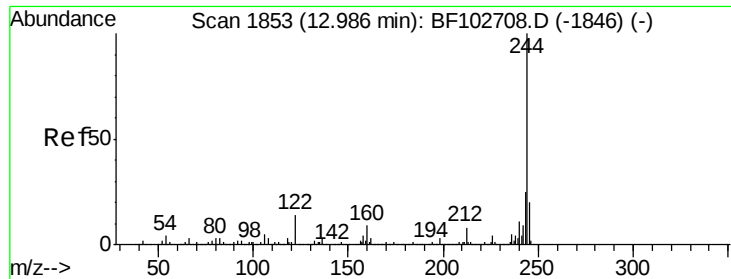
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF102824.D
 Acq: 7 Feb 2018 19:53

Tgt Ion:240 Resp: 333617
 Ion Ratio Lower Upper
 240 100
 120 15.6 9.5 14.3#
 236 26.8 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: 36.88 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102824.D

Acq: 7 Feb 2018 19:53

Instrument :

BNA_F

ClientSampleId :

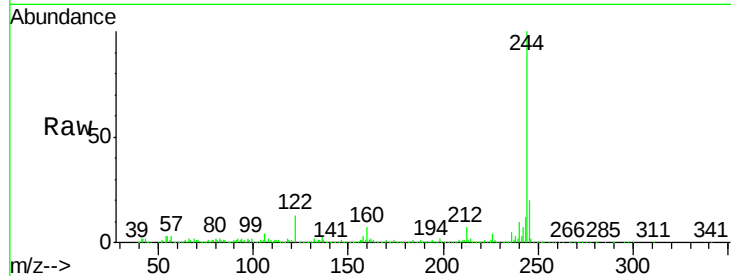
Tot Ion:244 Resp: 519613

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

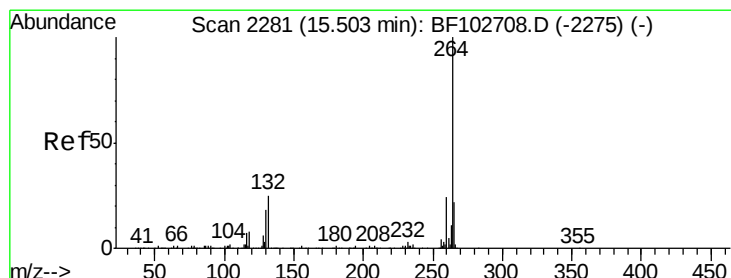
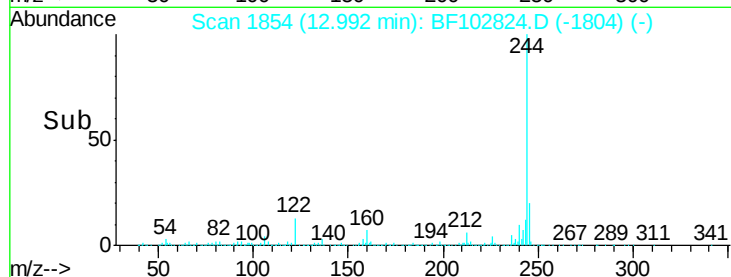
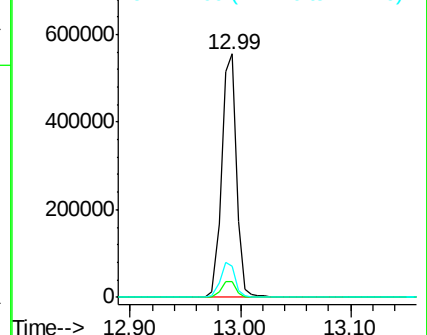
122 12.6 11.0 16.4



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: 15.53 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF102824.D

Acq: 7 Feb 2018 19:53

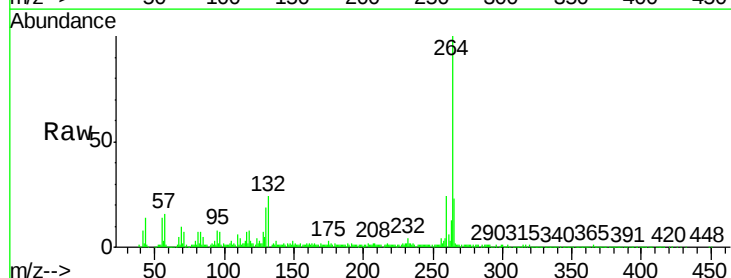
Tgt Ion:264 Resp: 287358

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 23.3 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

