

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102915.D
 Acq On : 12 Feb 2018 12:51
 Operator : SJ/JU
 Sample : J1506-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 12 13:41:32 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	173615	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	715369	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	307848	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	477195	20.00	ng	0.00
75) Chrysene-d12	14.05	240	303015	20.00	ng	0.00
86) Perylene-d12	15.54	264	325168	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	1324636	115.87	ng	0.02
7) Phenol-d6	6.52	99	1568377	113.94	ng	0.01
23) Nitrobenzene-d5	7.45	82	1030020	99.88	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	279972	112.99	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1434072	77.30	ng	0.00
78) Terphenyl-d14	13.00	244	945023	73.84	ng	0.00

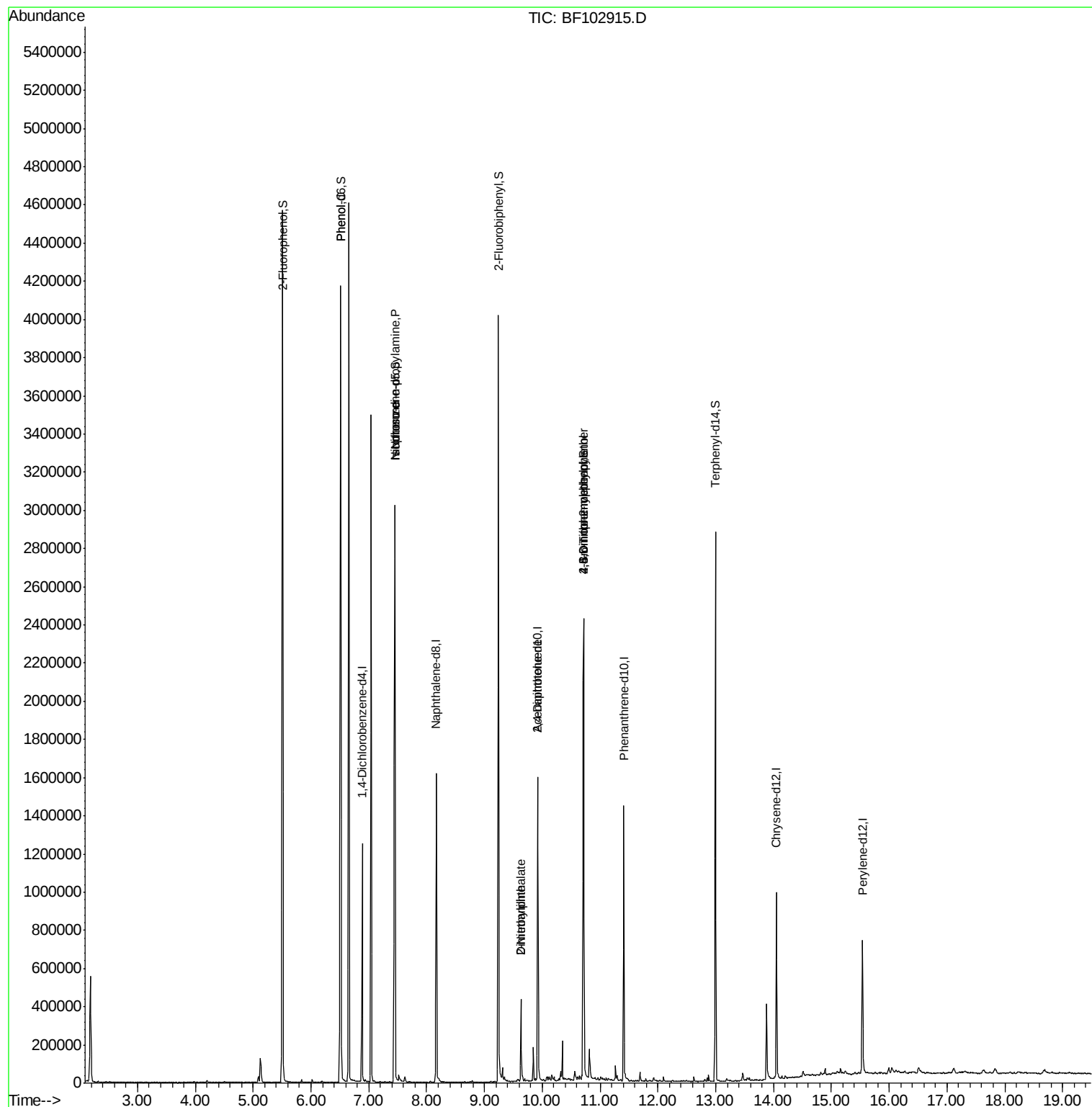
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	39066	2.648	ng	# 54
19) n-Nitroso-di-n-propylamine	7.45	70	141127	15.550	ng	# 80
25) Isophorone	7.45	82	1030010	43.377	ng	# 64
47) 2-Nitroaniline	9.63	65	1787	3.735	ng	# 1
49) Dimethylphthalate	9.63	163	156480	6.519	ng	99
56) 2,4-Dinitrotoluene	9.92	165	38560	8.968	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	561	9.054	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	18828	3.730	ng	# 1

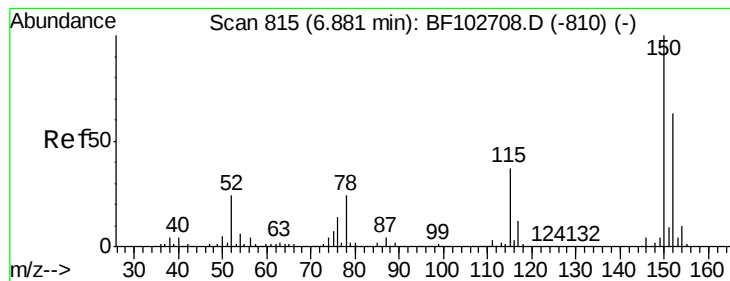
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
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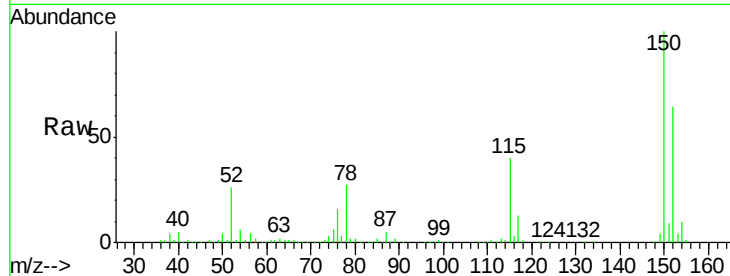


#1

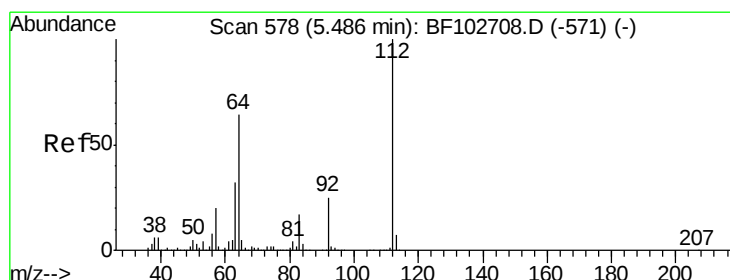
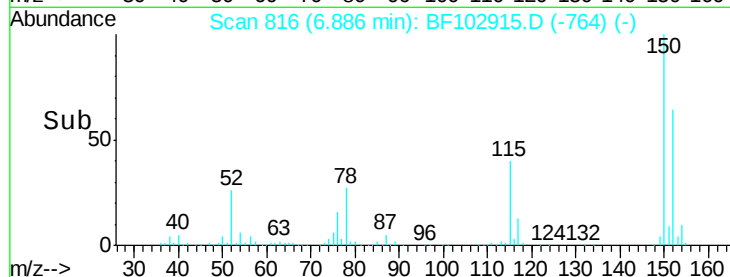
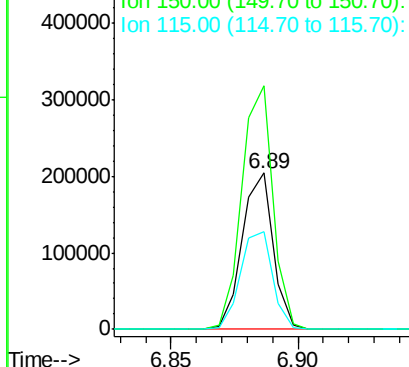
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102915.D
Acq: 12 Feb 2018 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 173615
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 62.5 50.1 75.1



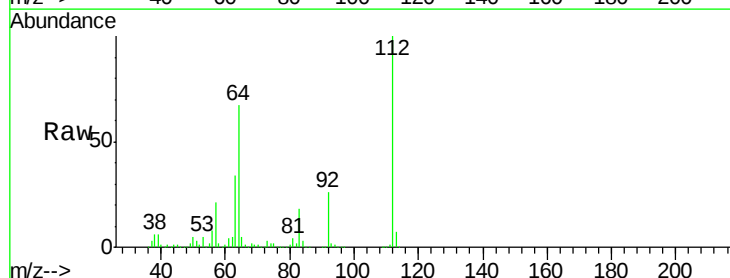
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



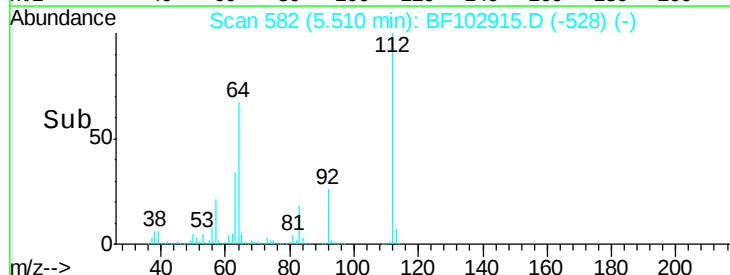
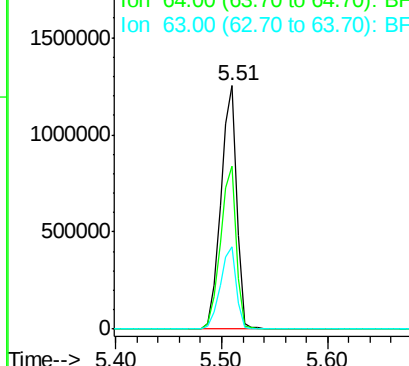
#5

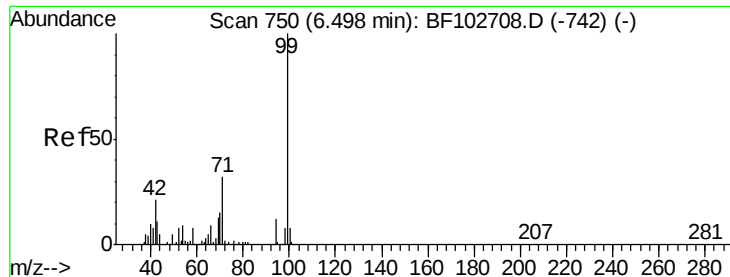
2-Fluorophenol
Concen: 115.870 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102915.D
Acq: 12 Feb 2018 12:51

Tgt Ion:112 Resp: 1324636
Ion Ratio Lower Upper
112 100
64 66.7 47.9 71.9
63 34.0 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: 113.940 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102915.D

Acq: 12 Feb 2018 12:51

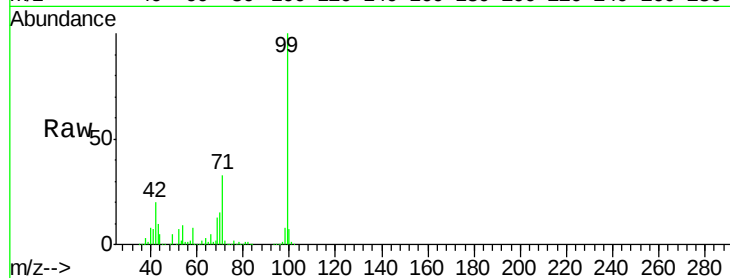
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1568377

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	32.7	25.4	38.0

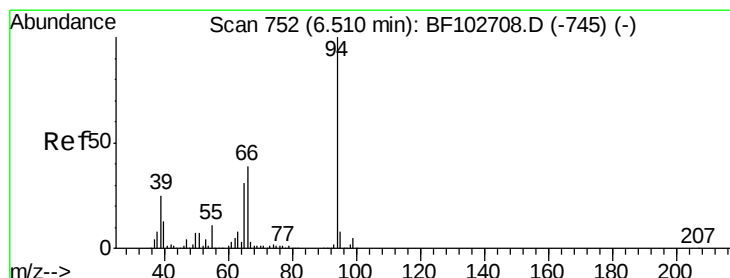
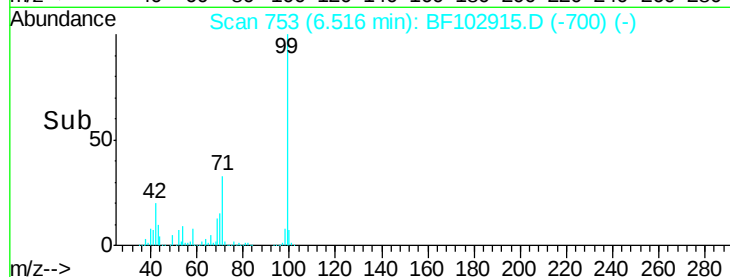
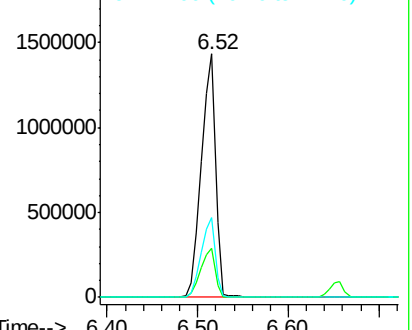


Abundance

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: 2.648 ng

RT: 6.52 min Scan# 754

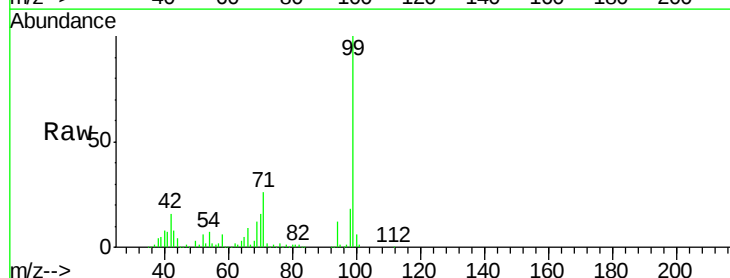
Delta R.T. -0.00 min

Lab File: BF102915.D

Acq: 12 Feb 2018 12:51

Tgt Ion: 94 Resp: 39066

Ion	Ratio	Lower	Upper
94	100		
65	40.1	7.9	47.9
66	73.4	16.2	56.2

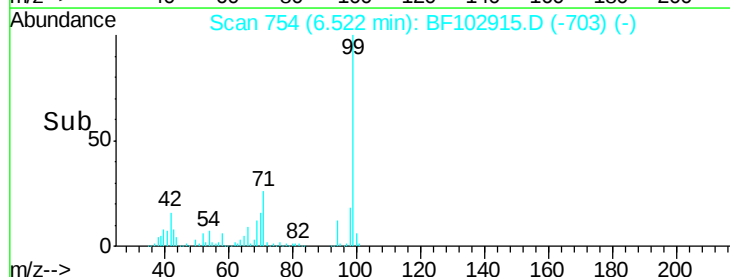
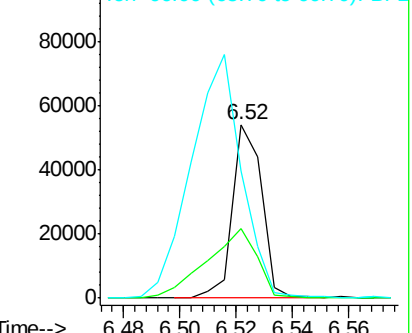


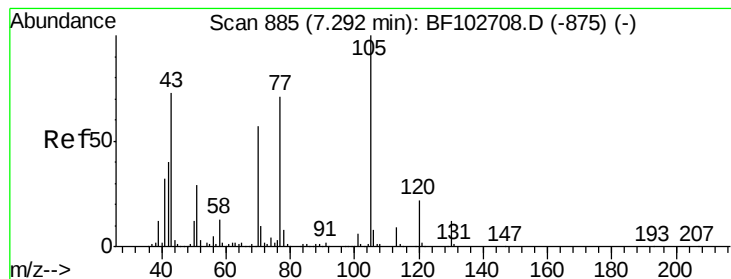
Abundance

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: 15.550 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.15 min

Lab File: BF102915.D

Acq: 12 Feb 2018 12:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 141127

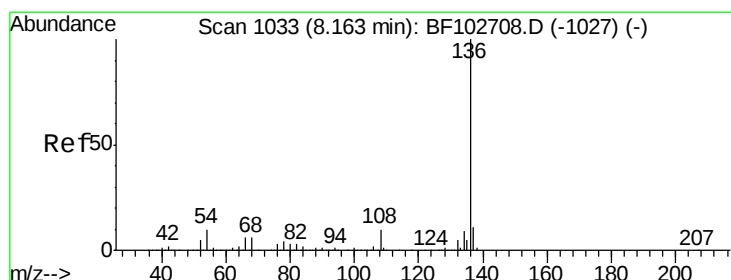
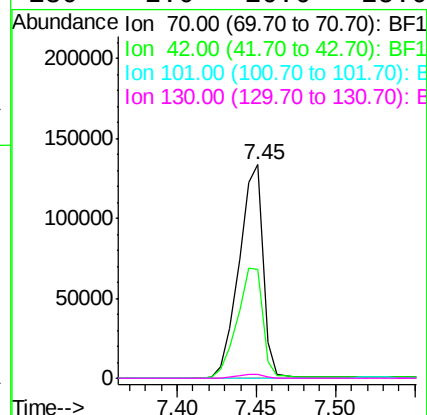
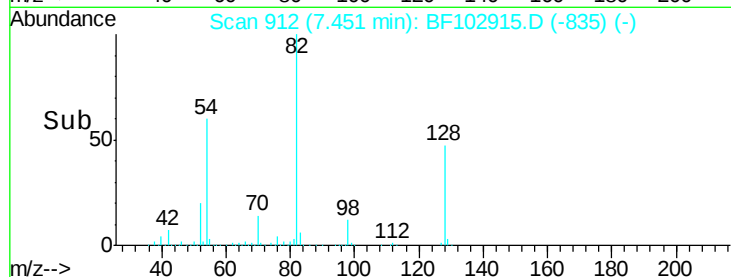
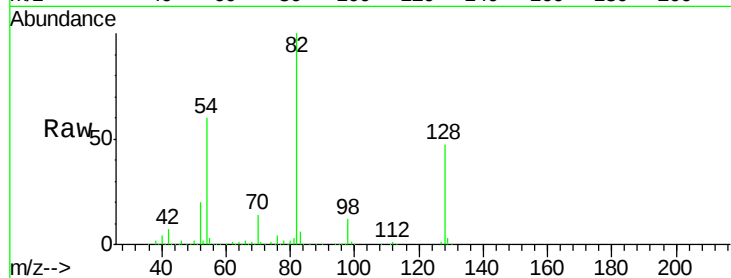
Ion Ratio Lower Upper

70 100

42 50.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102915.D

Acq: 12 Feb 2018 12:51

Tgt Ion: 136 Resp: 715369

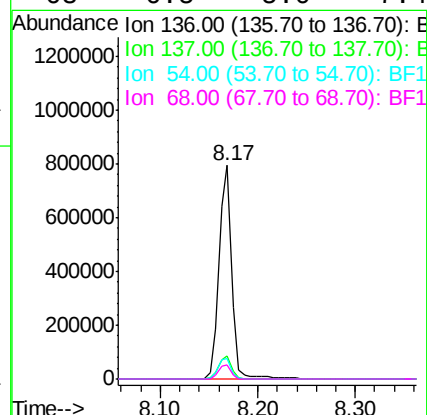
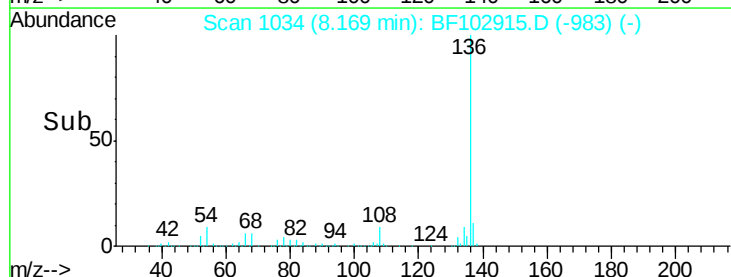
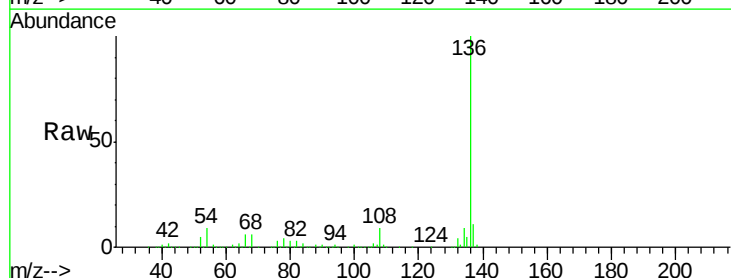
Ion Ratio Lower Upper

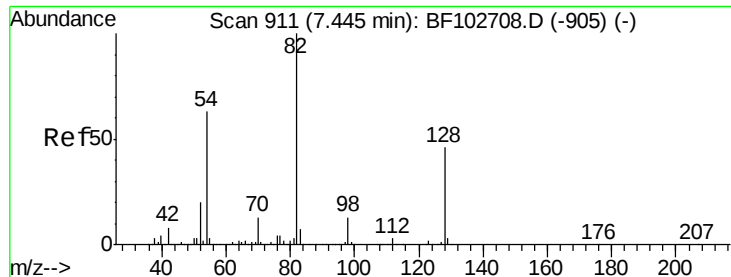
136 100

137 10.6 8.9 13.3

54 9.4 6.6 9.8

68 6.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 99.883 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF102915.D

Acq: 12 Feb 2018 12:51

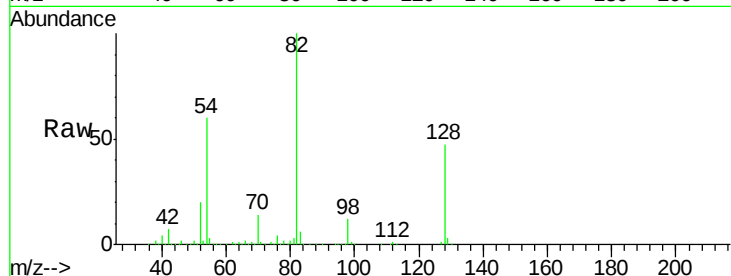
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1030020

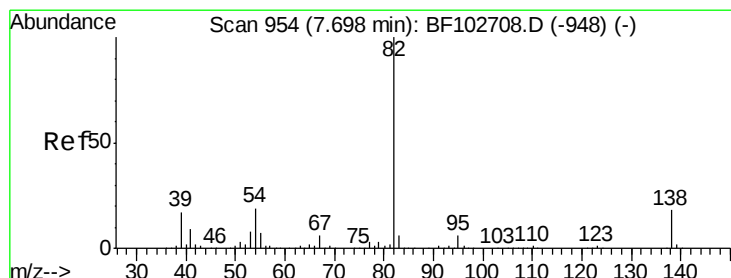
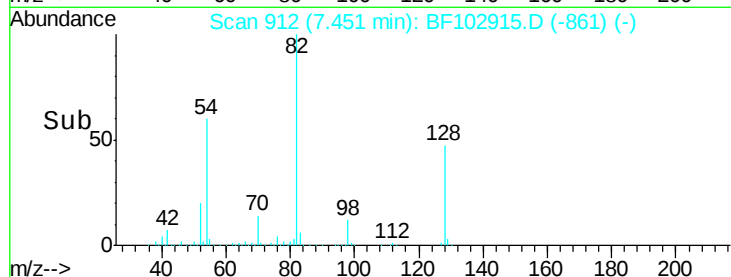
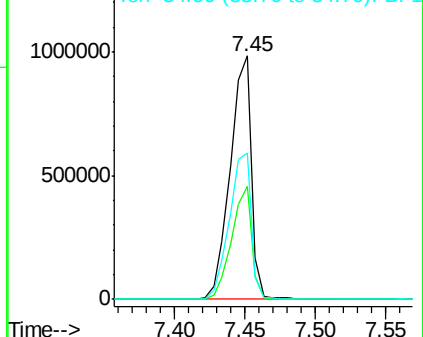
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	60.0	41.4	62.2



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: 43.377 ng

RT: 7.45 min Scan# 912

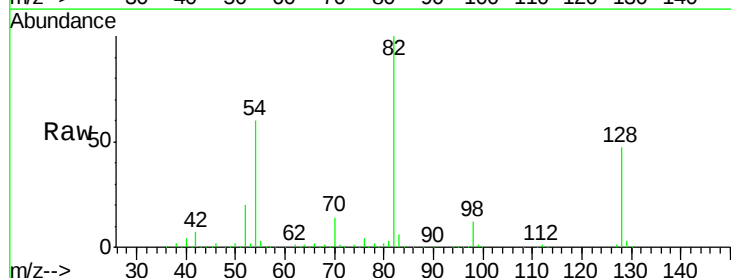
Delta R.T. -0.25 min

Lab File: BF102915.D

Acq: 12 Feb 2018 12:51

Tgt Ion: 82 Resp: 1030010

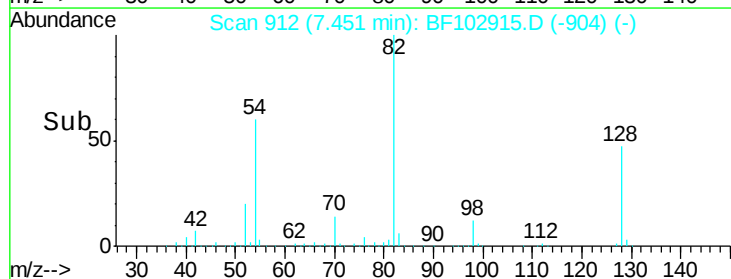
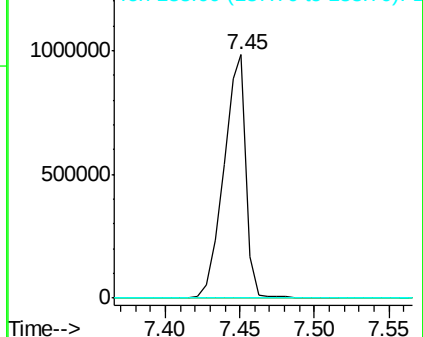
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

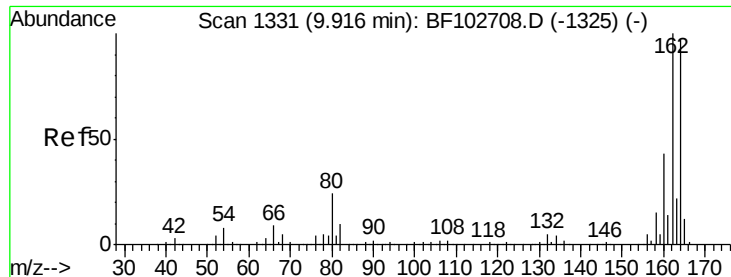


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF102915.D

Acq: 12 Feb 2018 12:51

Instrument :

BNA_F

ClientSampleId :

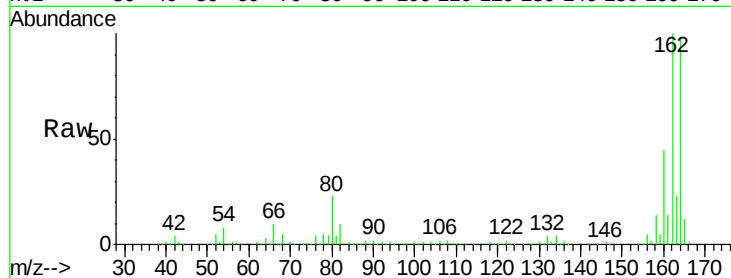
Tot Ion:164 Resp: 307848

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

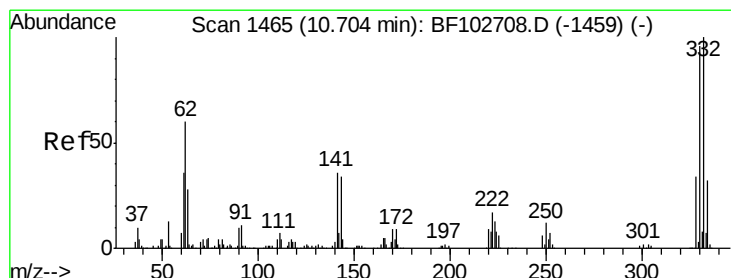
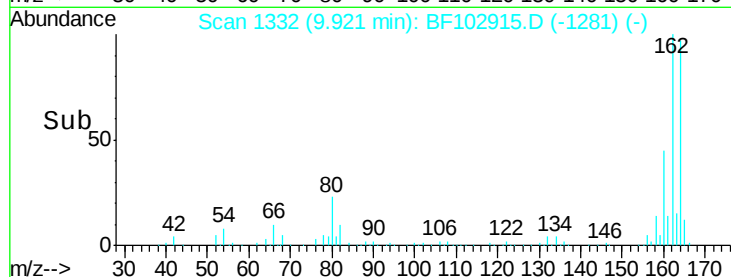
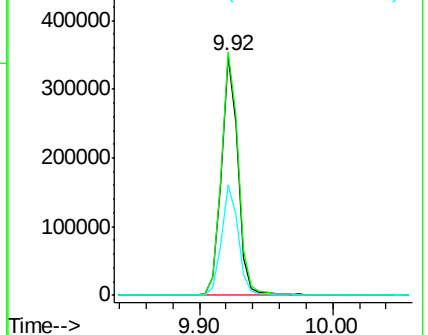
160 46.1 38.3 57.5



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: 112.991 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF102915.D

Acq: 12 Feb 2018 12:51

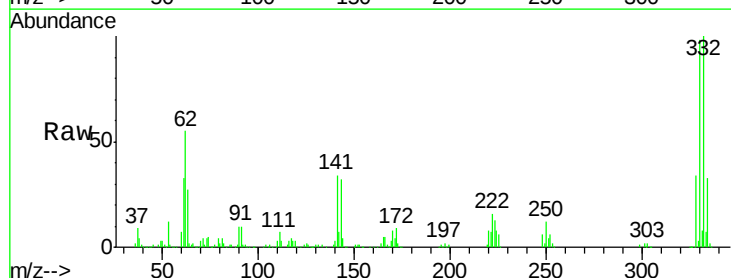
Tgt Ion:330 Resp: 279972

Ion Ratio Lower Upper

330 100

332 103.1 77.0 115.6

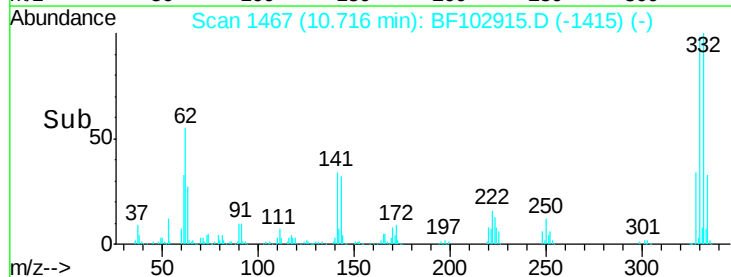
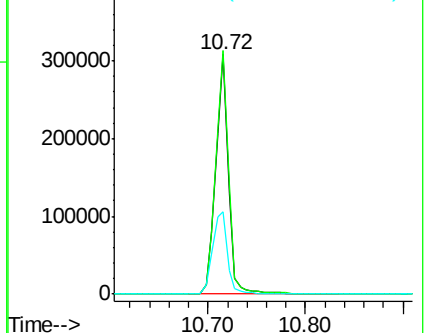
141 40.6 29.9 44.9

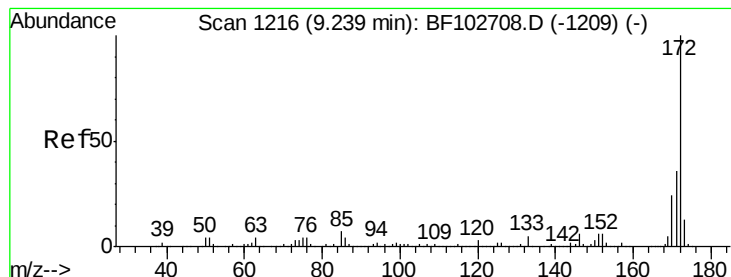


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 77.299 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF102915.D

Acq: 12 Feb 2018 12:51

Instrument :

BNA_F

ClientSampleId :

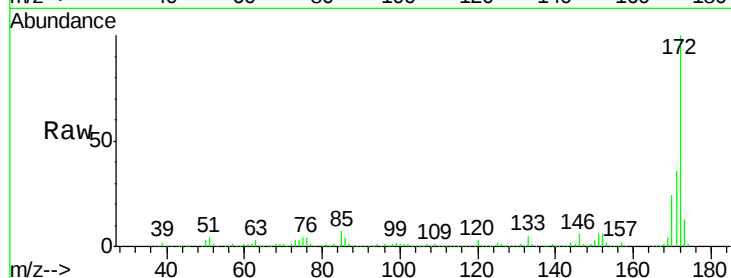
Tot Ion:172 Resp: 1434072

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

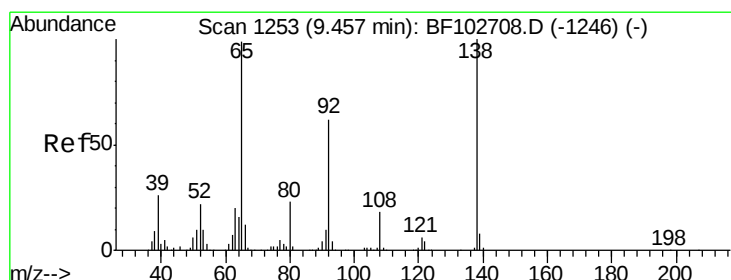
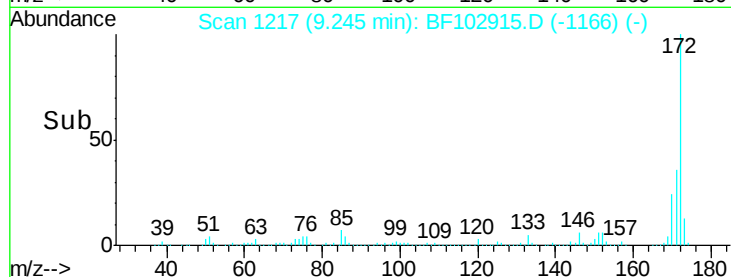
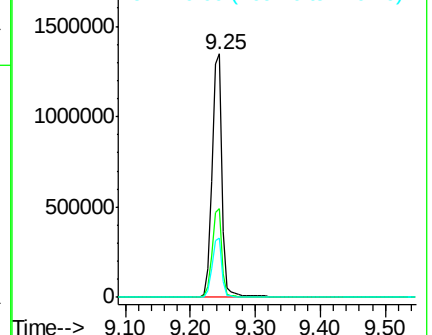
170 24.4 19.6 29.4



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: 3.735 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.17 min

Lab File: BF102915.D

Acq: 12 Feb 2018 12:51

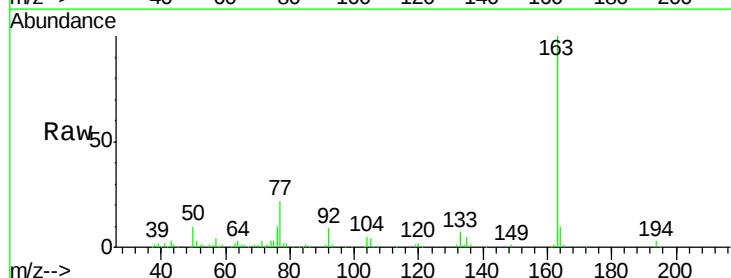
Tgt Ion: 65 Resp: 1787

Ion Ratio Lower Upper

65 100

92 816.4 55.8 83.6#

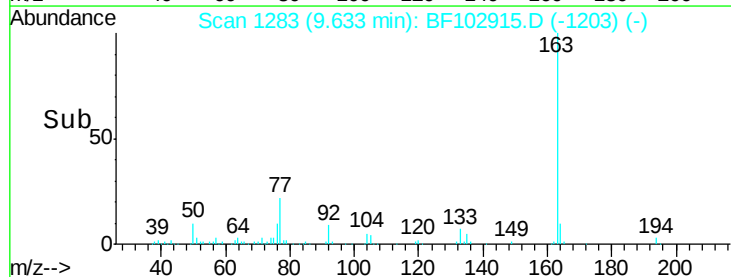
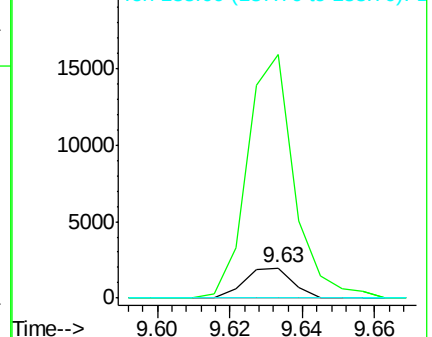
138 0.0 91.2 136.8#

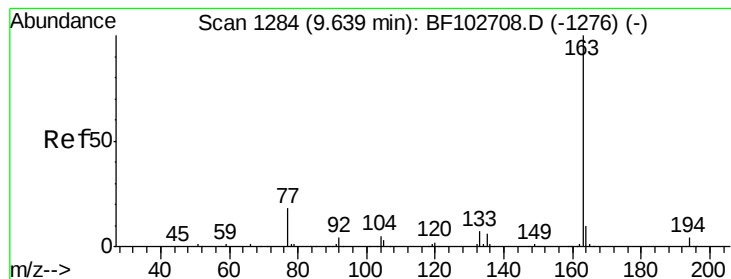


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 6.519 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF102915.D

Acq: 12 Feb 2018 12:51

Instrument :

BNA_F

ClientSampled :

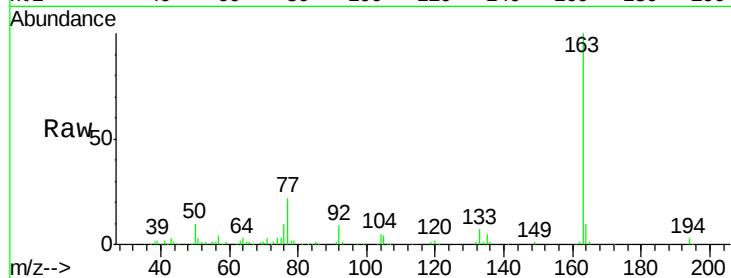
Tot Ion:163 Resp: 156480

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

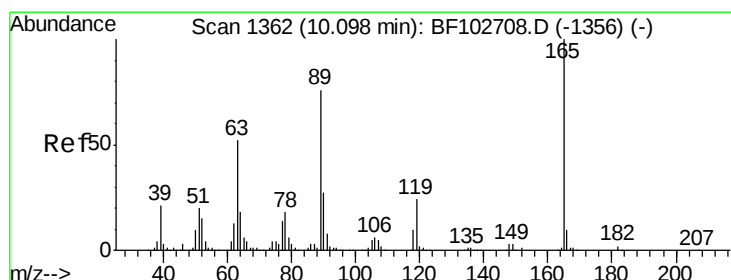
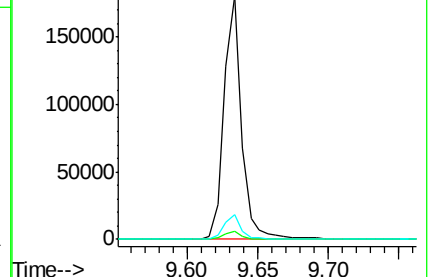
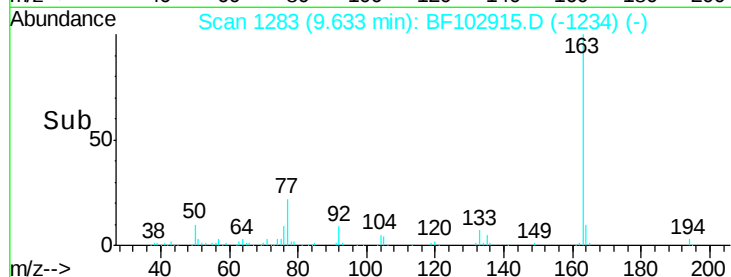
164 10.4 8.2 12.2



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: 8.968 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.18 min

Lab File: BF102915.D

Acq: 12 Feb 2018 12:51

Tgt Ion:165 Resp: 38560

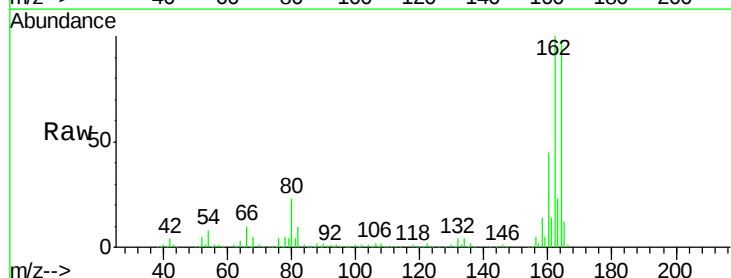
Ion Ratio Lower Upper

165 100

63 0.7 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

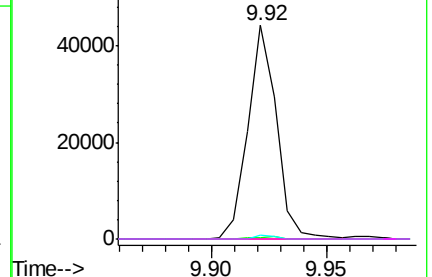
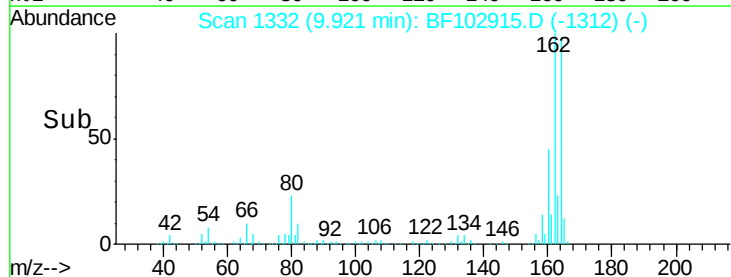


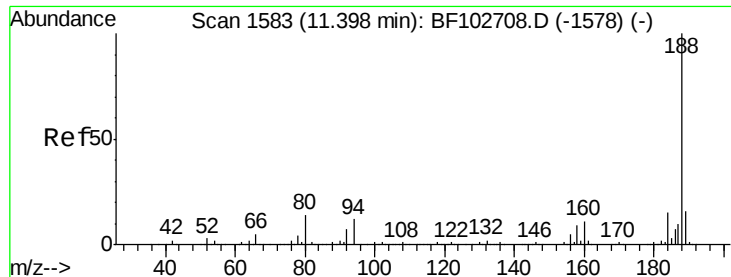
Abundance Ion 165.00 (164.70 to 165.70): E

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

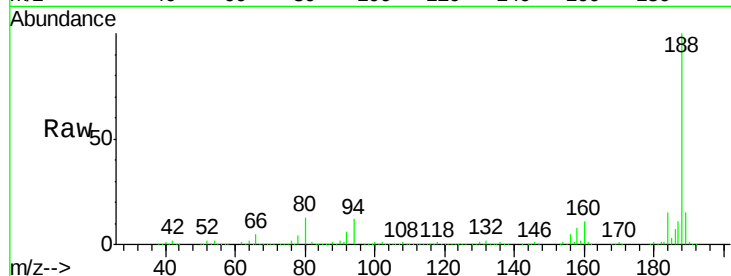




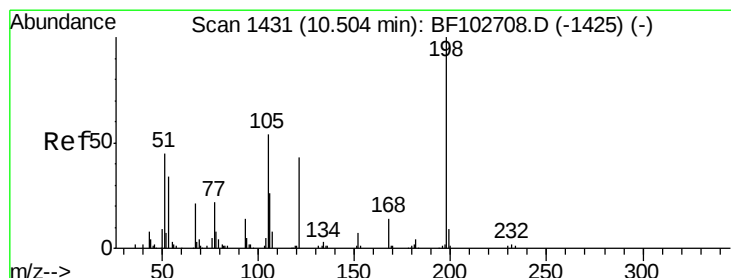
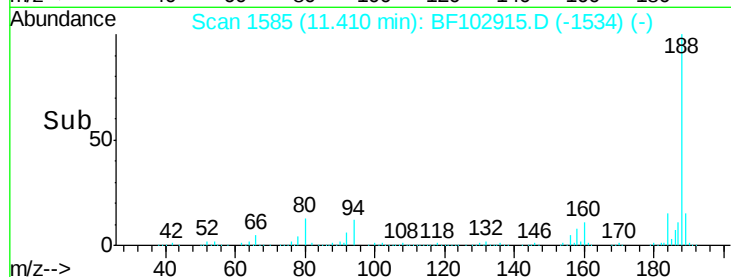
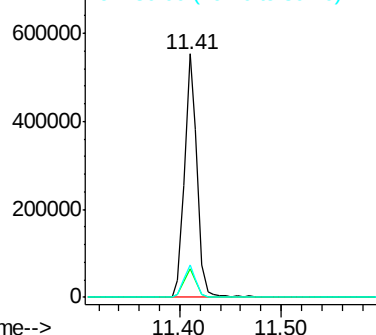
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102915.D
Acq: 12 Feb 2018 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 477195
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 13.1 9.2 13.8

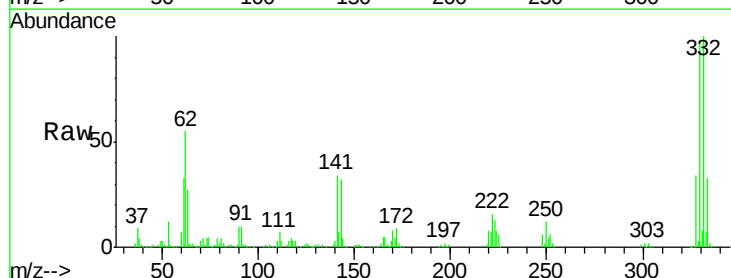


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

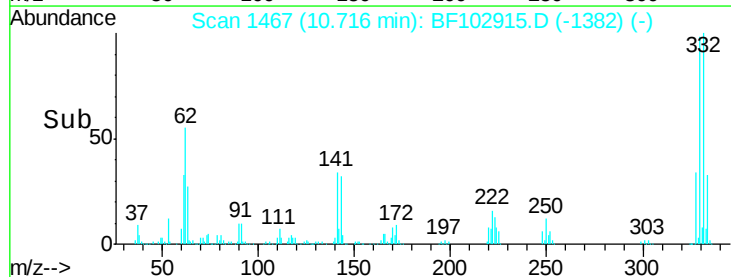
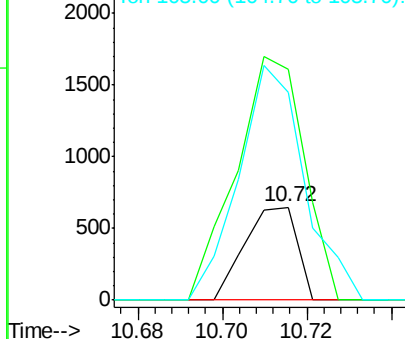


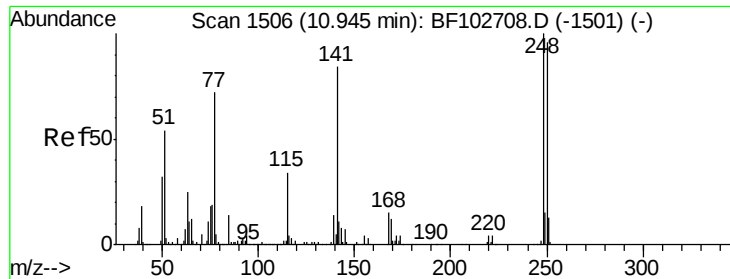
#64
4,6-Dinitro-2-methylphenol
Concen: 9.054 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF102915.D
Acq: 12 Feb 2018 12:51

Tgt Ion:198 Resp: 561
Ion Ratio Lower Upper
198 100
51 249.2 37.7 77.7#
105 224.9 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

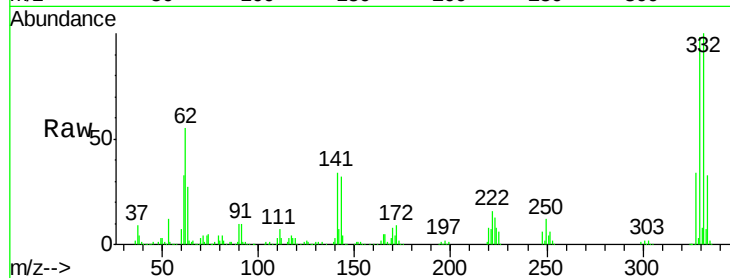




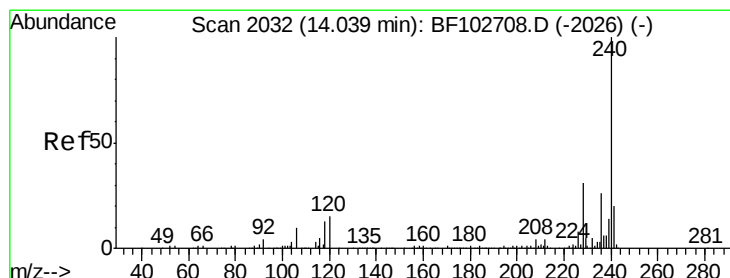
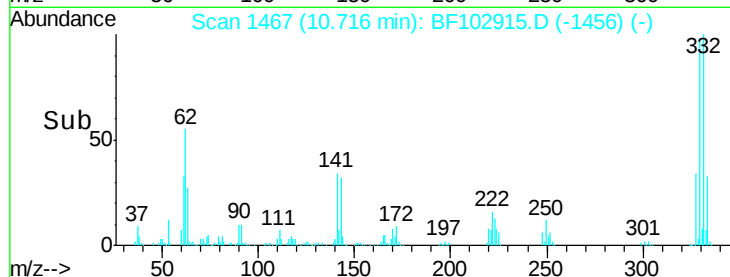
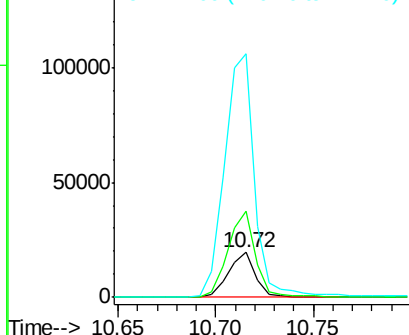
#66
4-Bromophenyl-phenylether
Concen: 3.730 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF102915.D
Acq: 12 Feb 2018 12:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18828
Ion Ratio Lower Upper
248 100
250 192.2 76.9 115.3#
141 540.9 74.4 111.6#

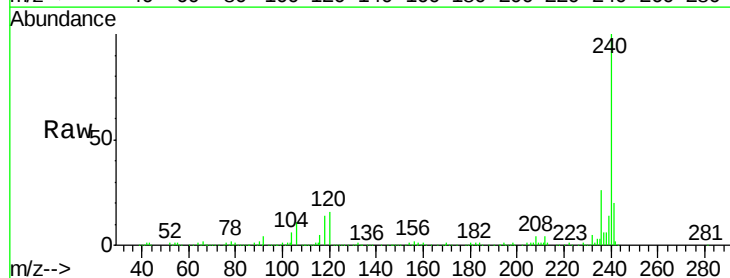


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

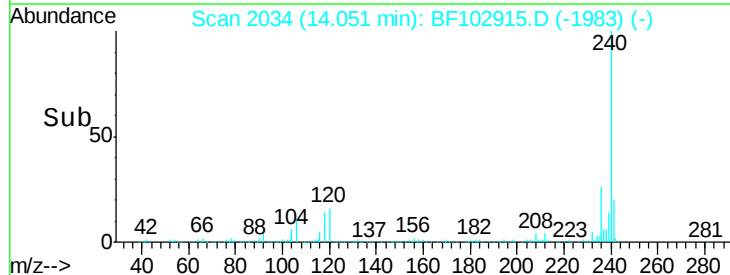
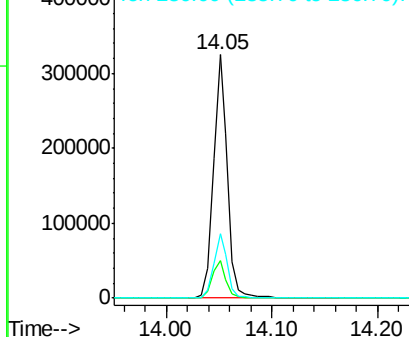


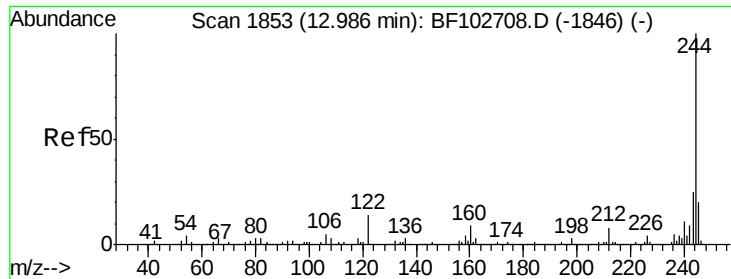
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102915.D
Acq: 12 Feb 2018 12:51

Tgt Ion:240 Resp: 303015
Ion Ratio Lower Upper
240 100
120 15.5 9.5 14.3#
236 26.2 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: 73.845 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102915.D

Acq: 12 Feb 2018 12:51

Instrument :

BNA_F

ClientSampleId :

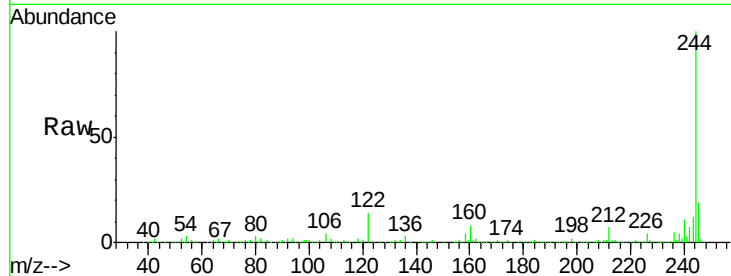
Tot Ion:244 Resp: 945023

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

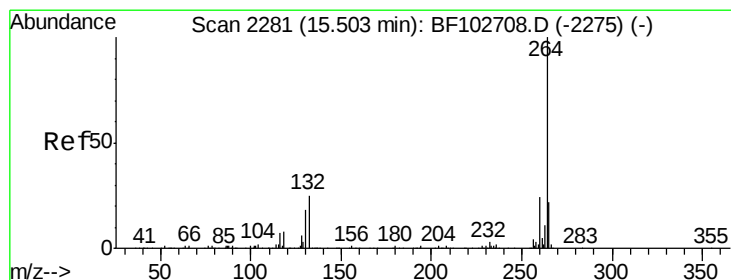
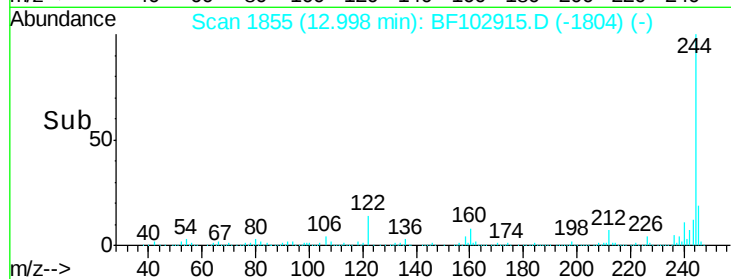
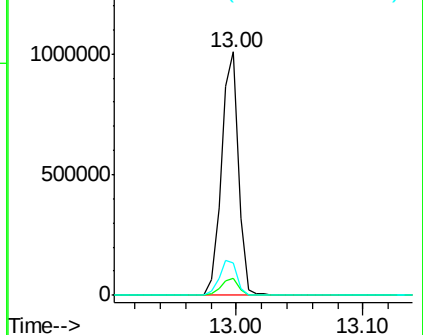
122 13.6 11.0 16.4



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: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF102915.D

Acq: 12 Feb 2018 12:51

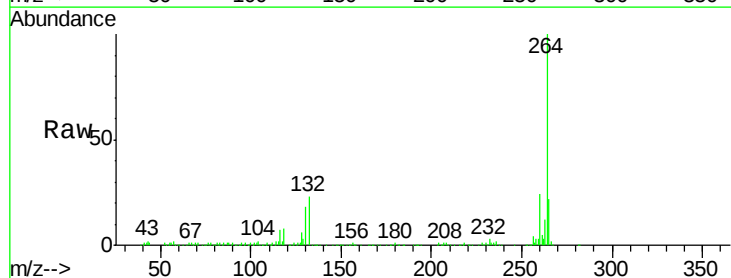
Tgt Ion:264 Resp: 325168

Ion Ratio Lower Upper

264 100

260 24.3 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

