

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100392.D
 Acq On : 10 Nov 2017 15:47
 Operator : SJ/JU
 Sample : I6383-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 16:18:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	171368	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	698411	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	320373	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	589202	20.00	ng	0.00
75) Chrysene-d12	14.06	240	384330	20.00	ng	-0.01
86) Perylene-d12	15.54	264	367299	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	873456	81.70	ng	0.00
7) Phenol-d6	6.52	99	1079685	81.90	ng	0.00
23) Nitrobenzene-d5	7.46	82	675719	63.97	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	239108	73.24	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1185908	56.37	ng	0.00
78) Terphenyl-d14	13.01	244	995325	59.51	ng	0.00

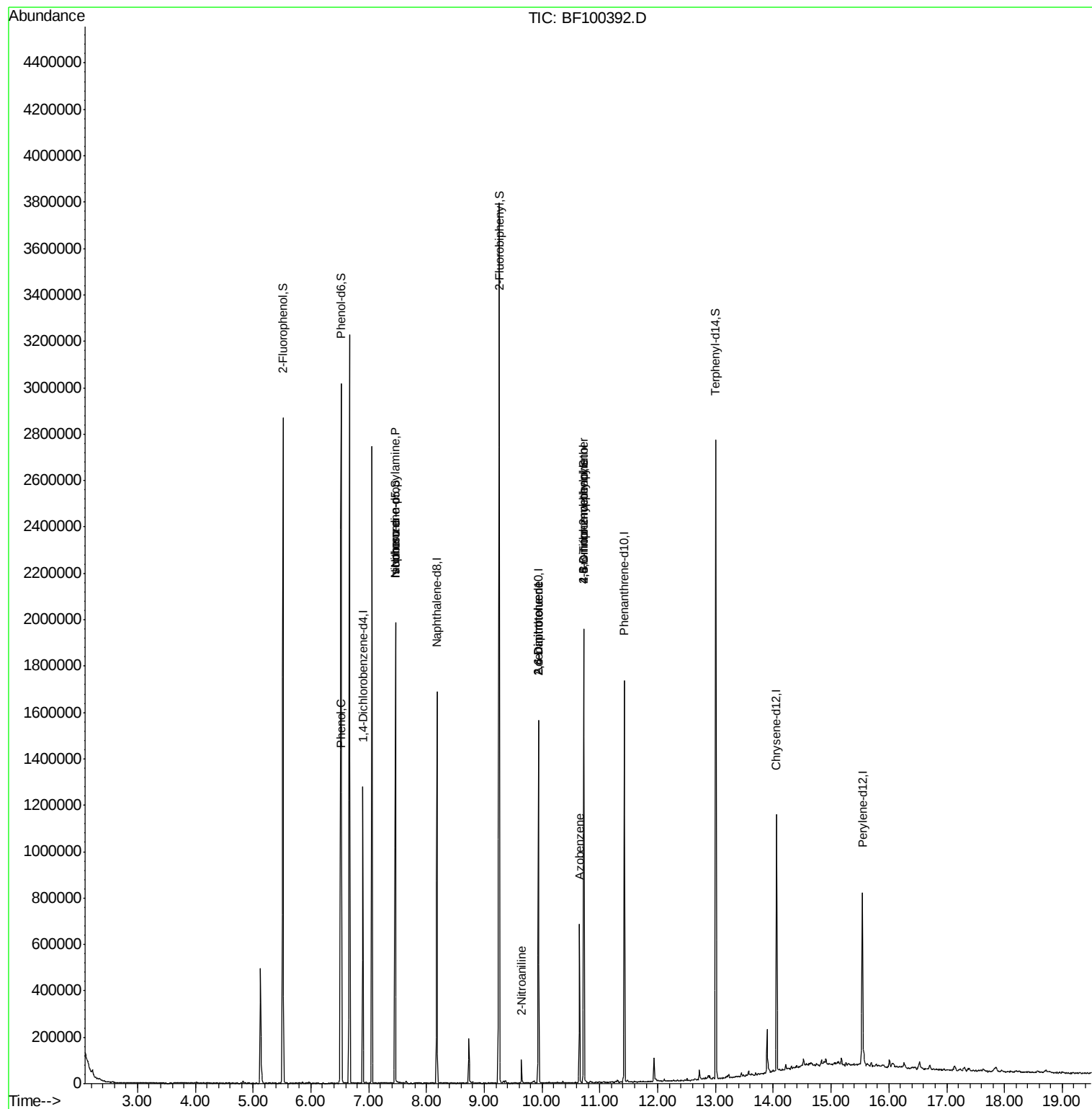
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	36026	2.603	ng	92
19) n-Nitroso-di-n-propylamine	7.46	70	89078	9.743	ng	# 79
25) Isophorone	7.46	82	674003	30.362	ng	# 64
47) 2-Nitroaniline	9.65	65	144	2.807	ng	# 1
50) 2,6-Dinitrotoluene	9.93	165	40494	8.363	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	40494	6.629	ng	# 23
62) Azobenzene	10.64	77	119379	5.178	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.72	198	490	8.705	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	15443	2.445	ng	# 1

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

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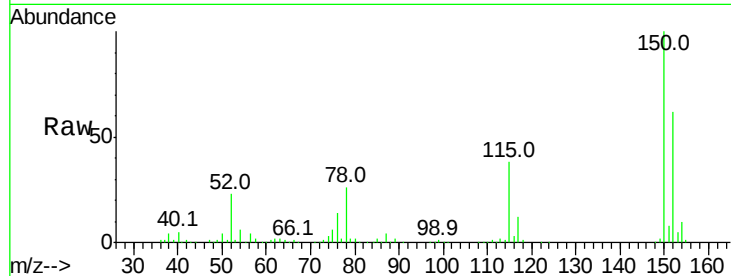


#1

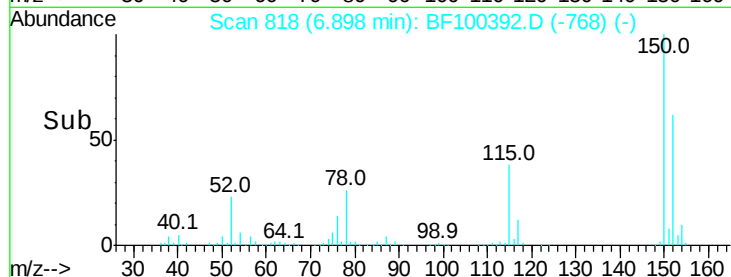
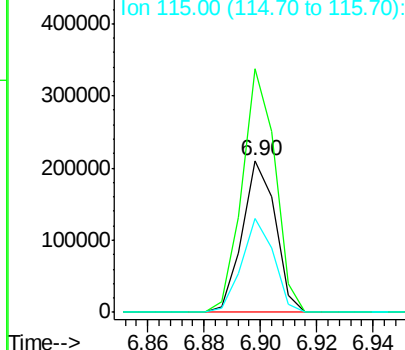
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100392.D
Acq: 10 Nov 2017 15:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 171368
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 61.8 50.1 75.1



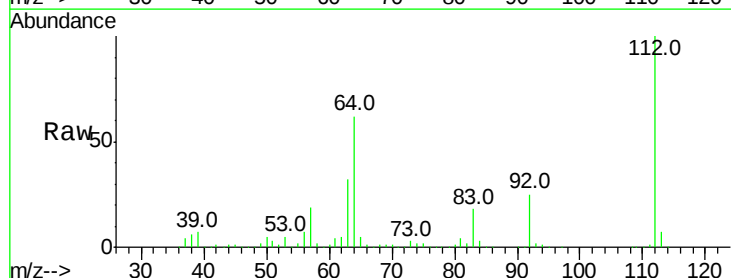
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



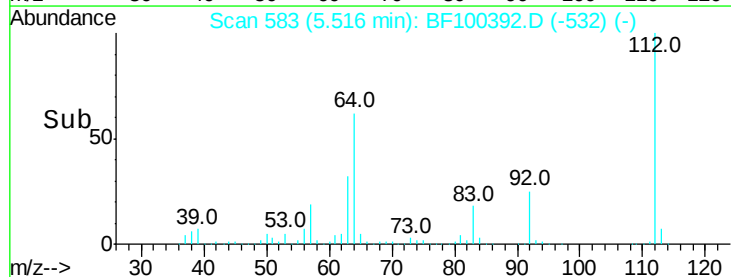
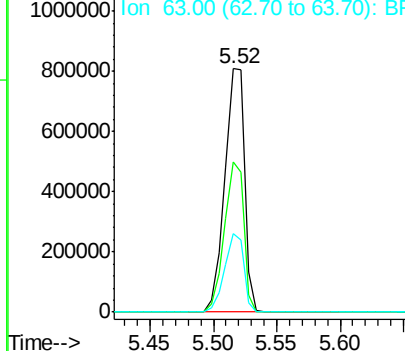
#5

2-Fluorophenol
Concen: 81.704 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF100392.D
Acq: 10 Nov 2017 15:47

Tgt Ion:112 Resp: 873456
Ion Ratio Lower Upper
112 100
64 61.9 47.9 71.9
63 32.2 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: 81.901 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100392.D

Acq: 10 Nov 2017 15:47

Instrument :

BNA_F

ClientSampled :

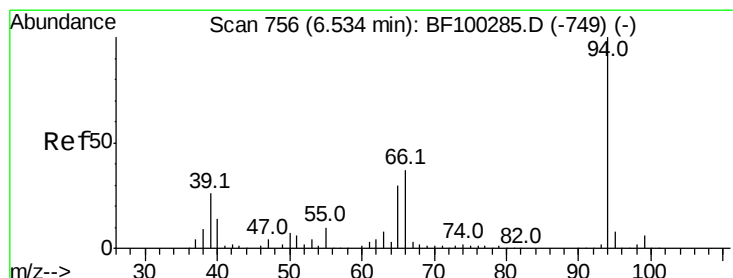
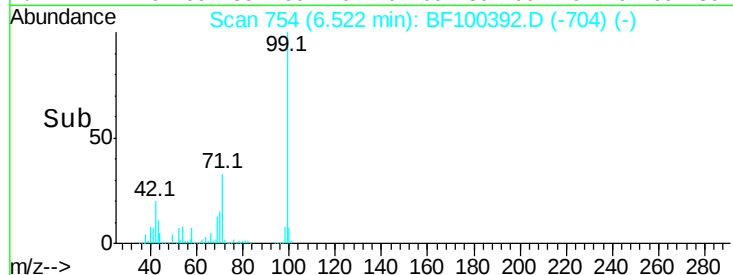
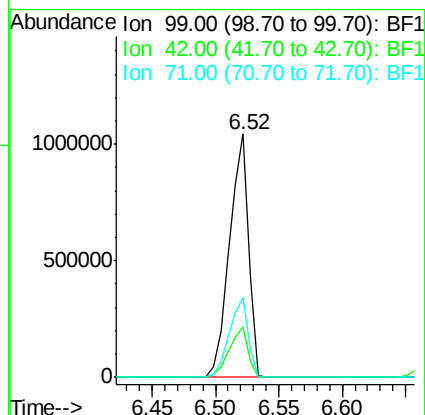
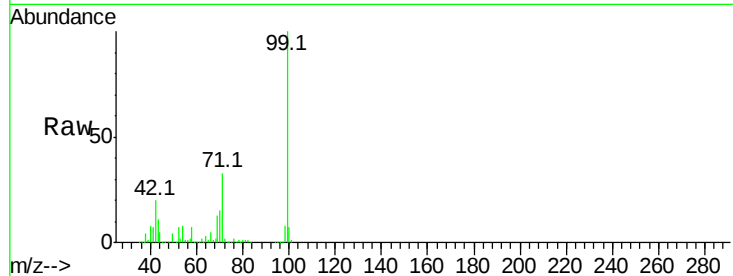
Tot Ion: 99 Resp: 1079685

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 33.0 25.4 38.0



#10

Phenol

Concen: 2.603 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF100392.D

Acq: 10 Nov 2017 15:47

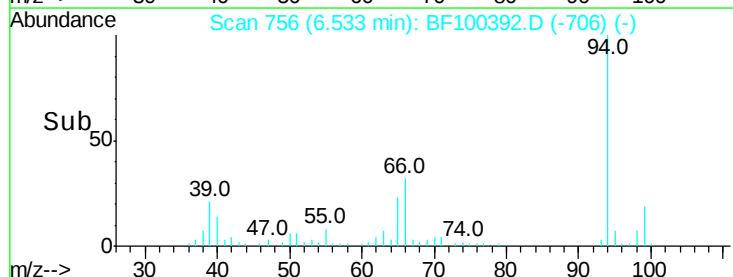
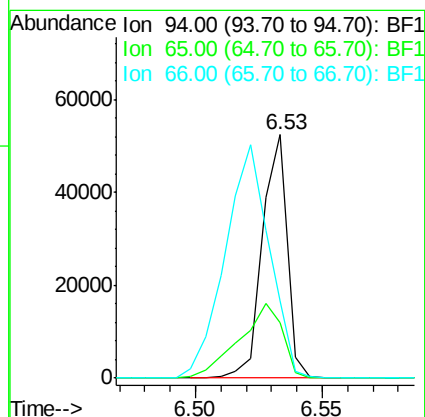
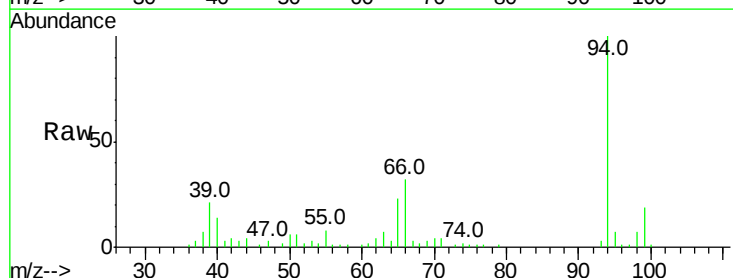
Tgt Ion: 94 Resp: 36026

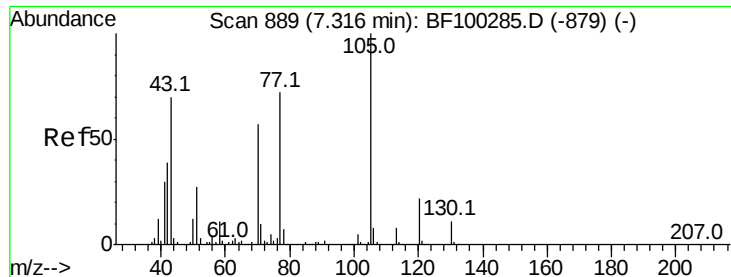
Ion Ratio Lower Upper

94 100

65 23.0 7.9 47.9

66 32.0 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 9.743 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100392.D

Acq: 10 Nov 2017 15:47

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 89078

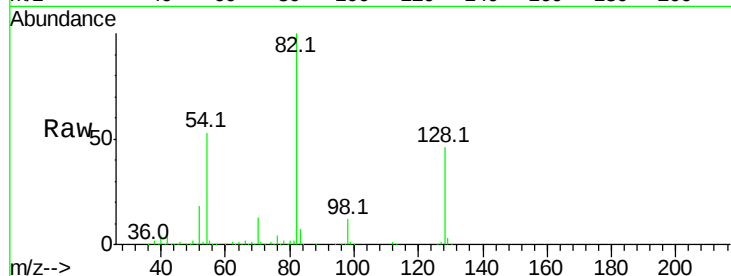
Ion Ratio Lower Upper

70 100

42 49.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

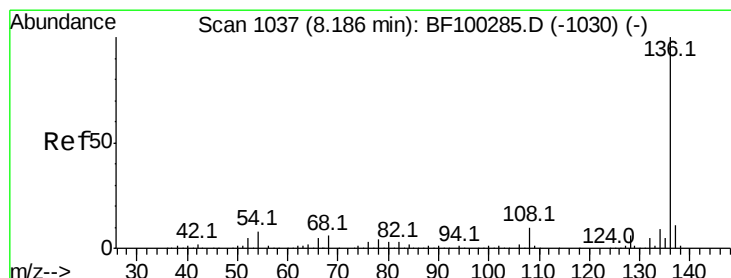
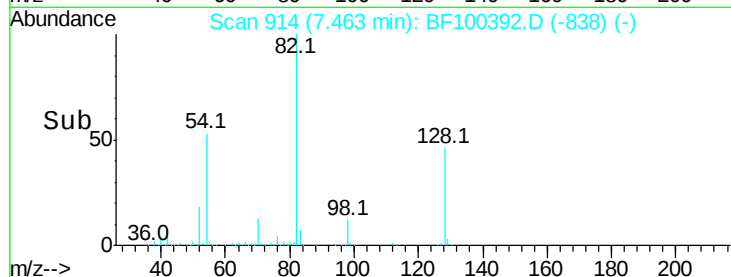
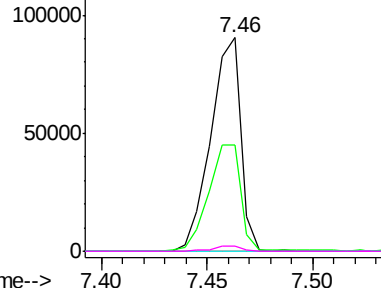


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100392.D

Acq: 10 Nov 2017 15:47

Tgt Ion:136 Resp: 698411

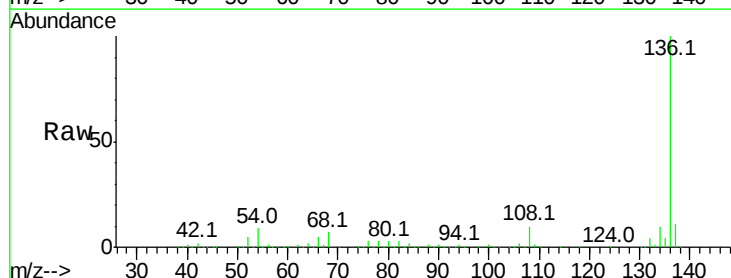
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.4 6.6 9.8

68 6.8 5.0 7.4

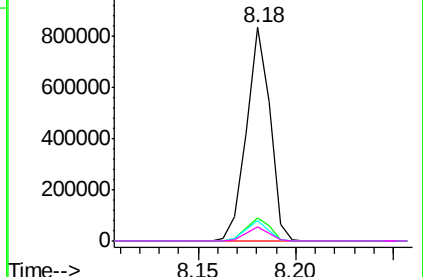
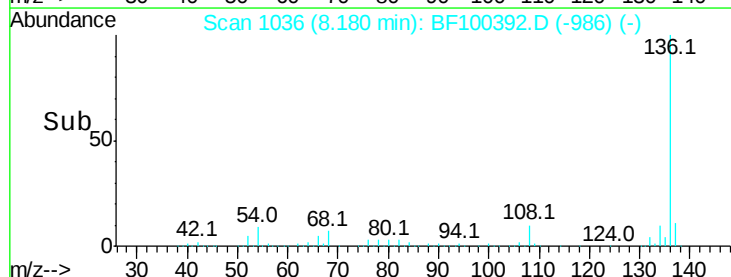


Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

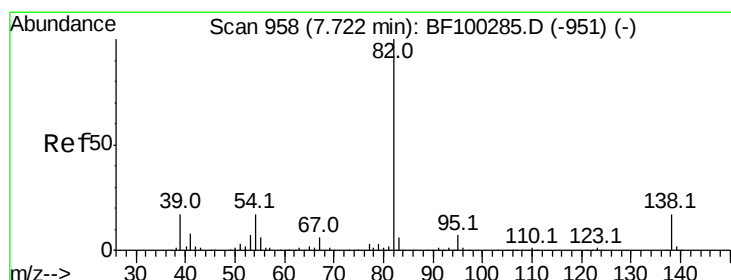
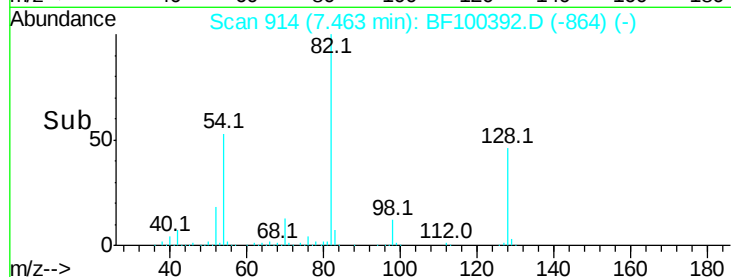
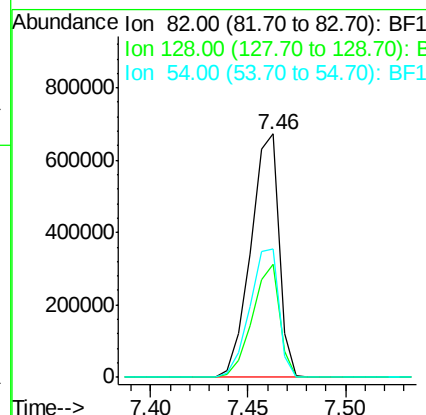
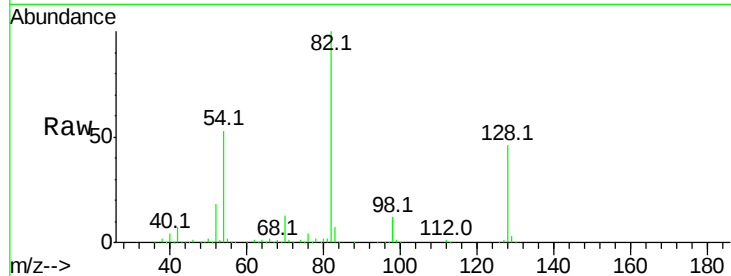




#23
Nitrobenzene-d5
Concen: 63.965 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100392.D
Acq: 10 Nov 2017 15:47

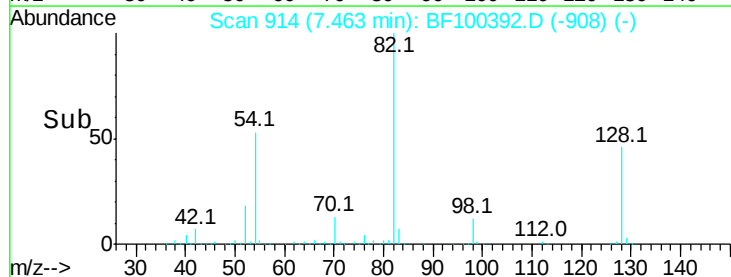
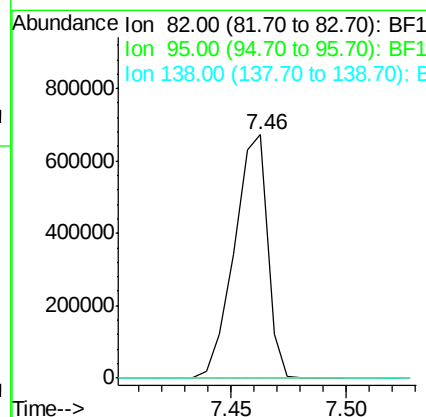
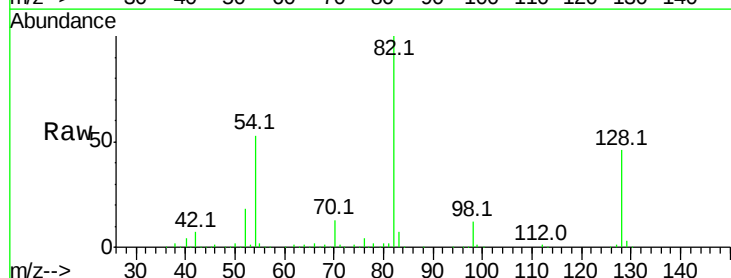
Instrument :
BNA_F
ClientSampleId :

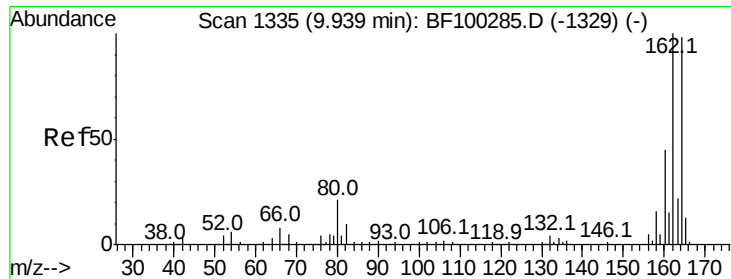
Tot Ion: 82 Resp: 675719
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 52.9 41.4 62.2



#25
Isophorone
Concen: 30.362 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100392.D
Acq: 10 Nov 2017 15:47

Tgt Ion: 82 Resp: 674003
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

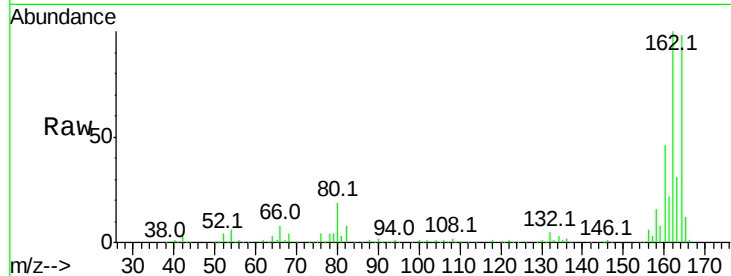




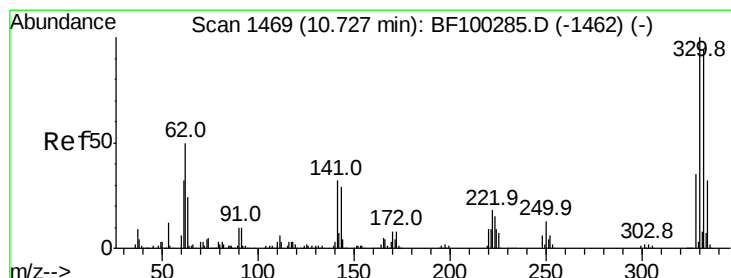
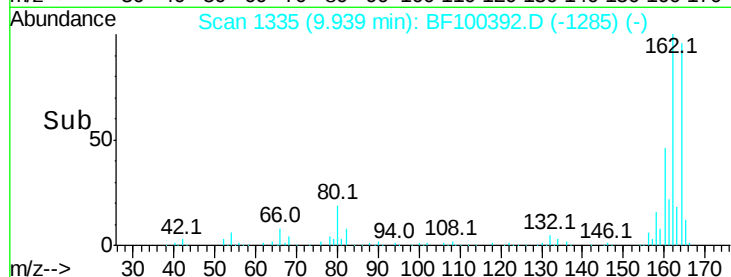
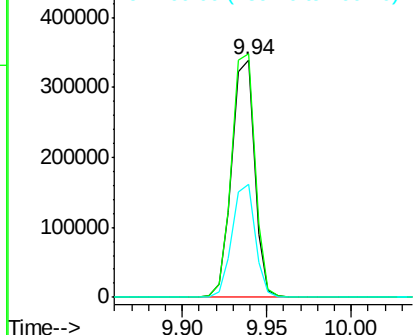
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100392.D
Acq: 10 Nov 2017 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 320373
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 47.5 38.3 57.5

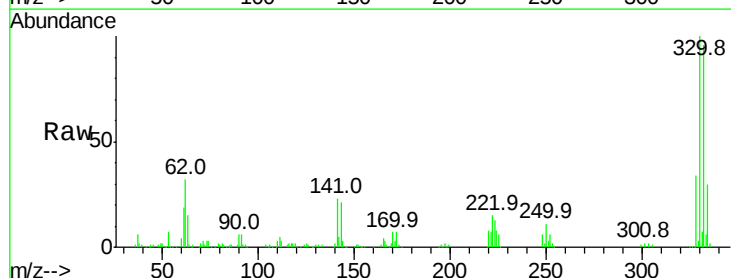


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

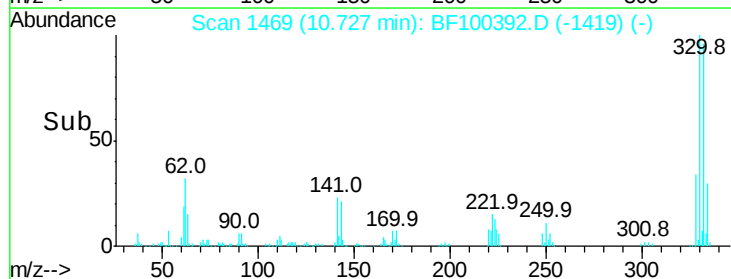
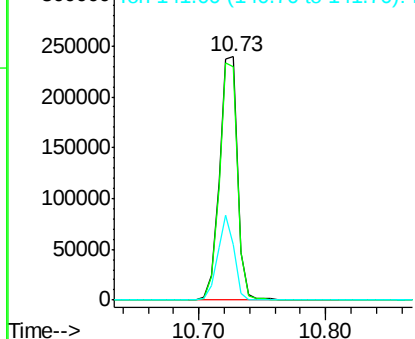


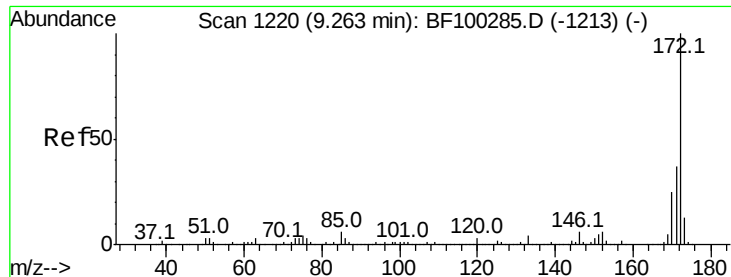
#41
2,4,6-Tribromophenol
Concen: 73.243 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100392.D
Acq: 10 Nov 2017 15:47

Tgt Ion:330 Resp: 239108
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 31.6 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

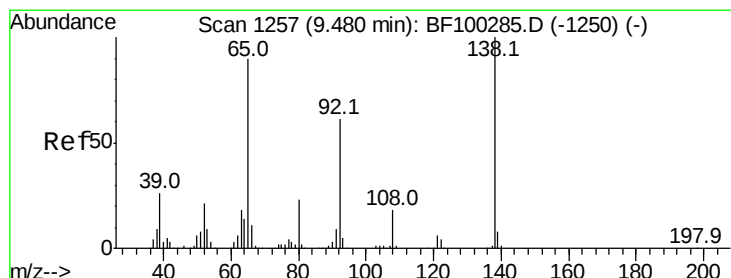
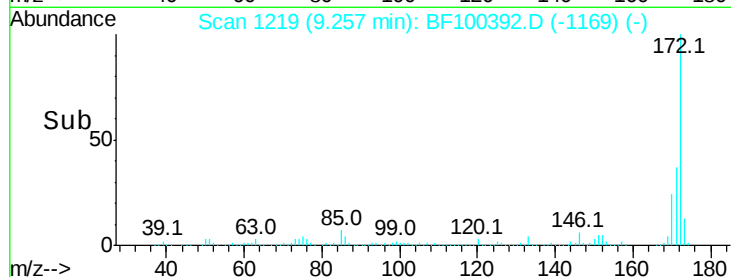
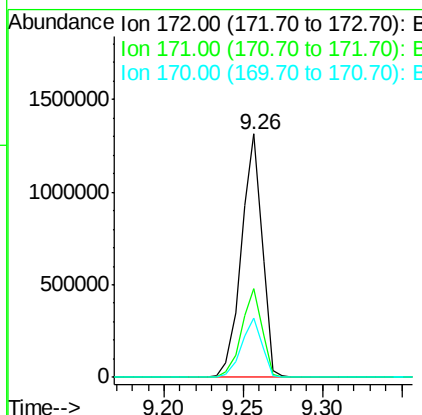
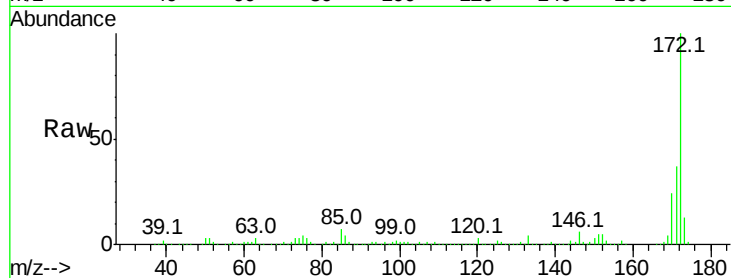




#44
 2-Fluorobiphenyl
 Concen: 56.365 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100392.D
 Acq: 10 Nov 2017 15:47

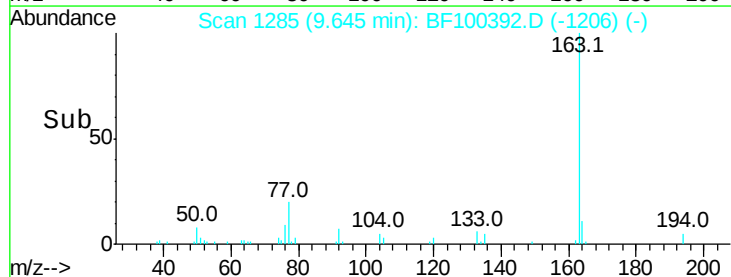
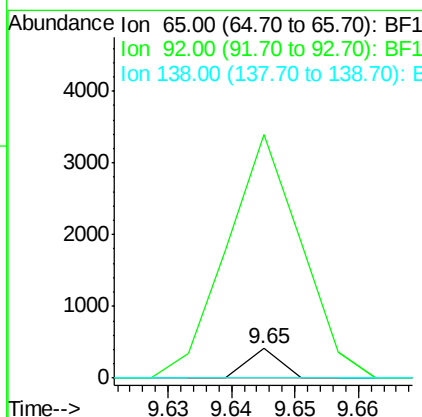
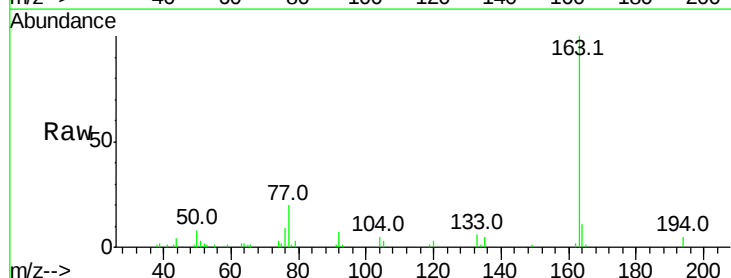
Instrument :
 BNA_F
 ClientSampleId :

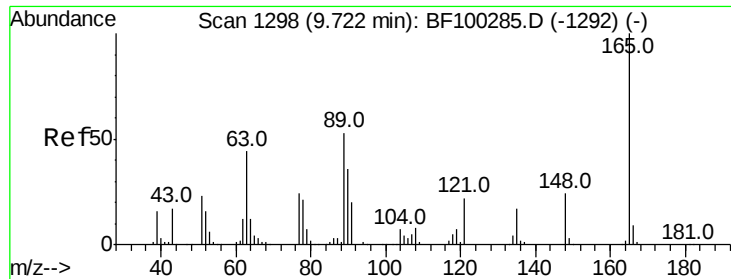
Tot Ion:172 Resp: 1185908
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.4 19.6 29.4



#47
 2-Nitroaniline
 Concen: 2.807 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100392.D
 Acq: 10 Nov 2017 15:47

Tgt Ion: 65 Resp: 144
 Ion Ratio Lower Upper
 65 100
 92 832.4 55.8 83.6#
 138 0.0 91.2 136.8#





#50

2,6-Dinitrotoluene

Concen: 8.363 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.21 min

Lab File: BF100392.D

Acq: 10 Nov 2017 15:47

Instrument :

BNA_F

ClientSampleId :

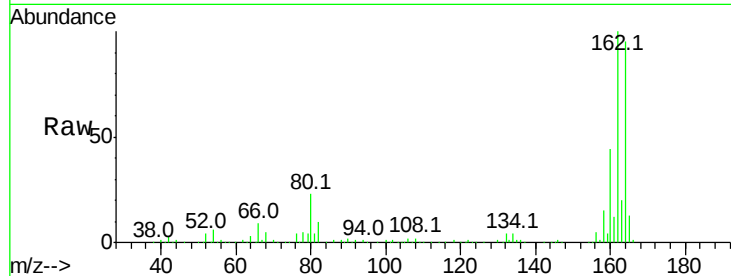
Tot Ion:165 Resp: 40494

Ion Ratio Lower Upper

165 100

63 1.0 44.7 67.1#

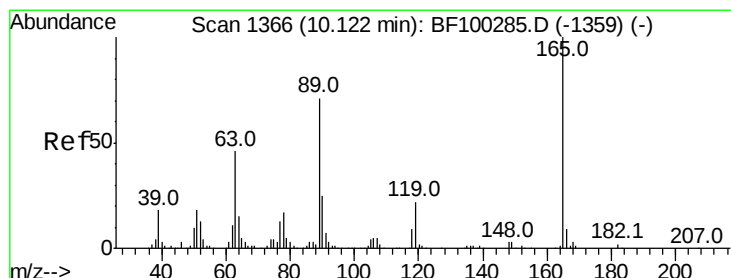
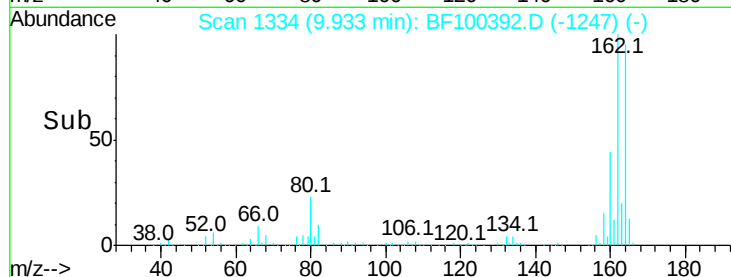
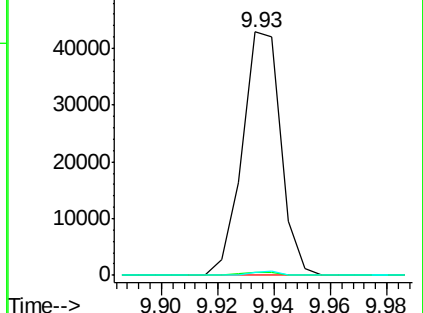
89 1.5 44.0 66.0#



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



#56

2,4-Dinitrotoluene

Concen: 6.629 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.19 min

Lab File: BF100392.D

Acq: 10 Nov 2017 15:47

Tgt Ion:165 Resp: 40494

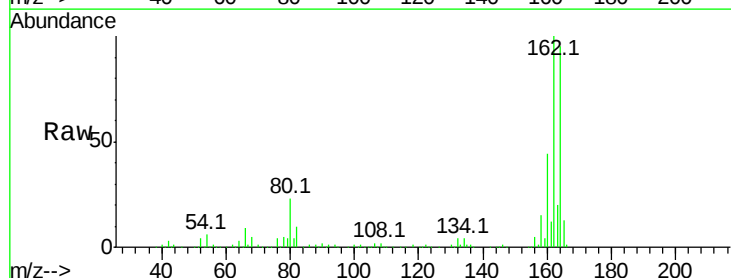
Ion Ratio Lower Upper

165 100

63 1.0 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

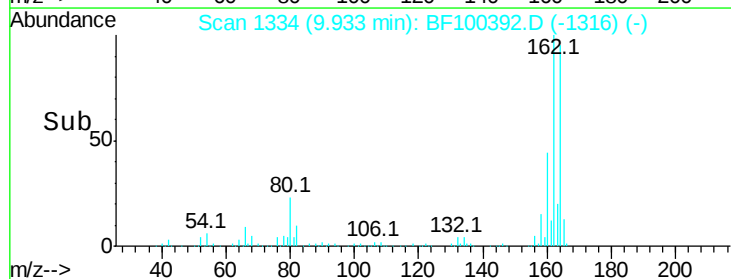
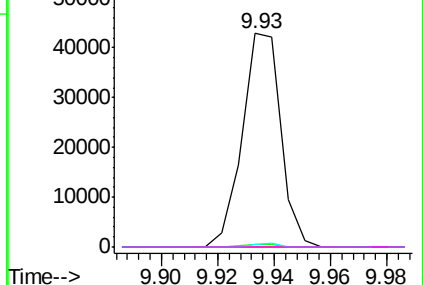


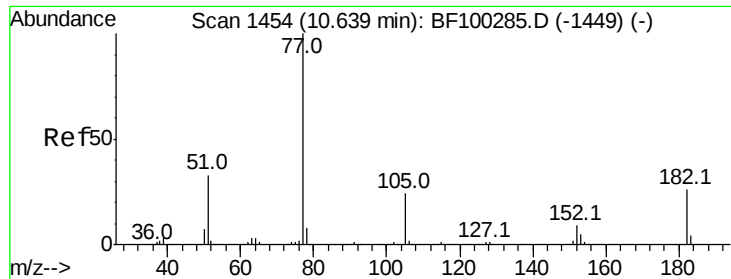
Abundance Ion 165.00 (164.70 to 165.70): E

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





#62

Azobenzene

Concen: 5.178 ng

RT: 10.64 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF100392.D

Acq: 10 Nov 2017 15:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 119379

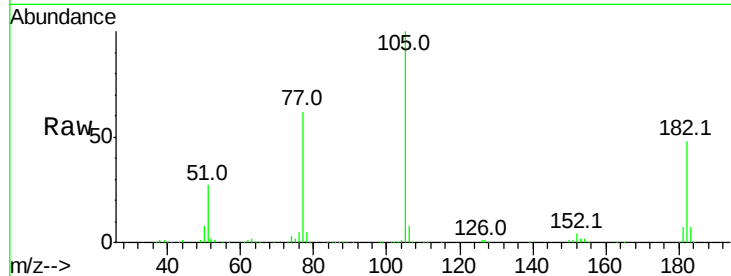
Ion Ratio Lower Upper

77 100

182 76.8 1.7 41.7#

105 161.1 3.0 43.0#

51 43.9 9.9 49.9

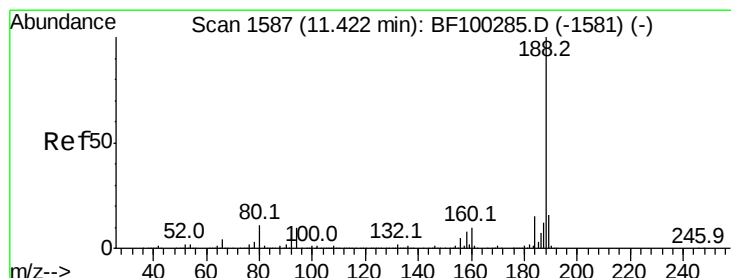
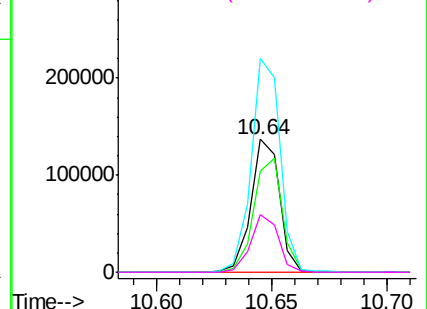
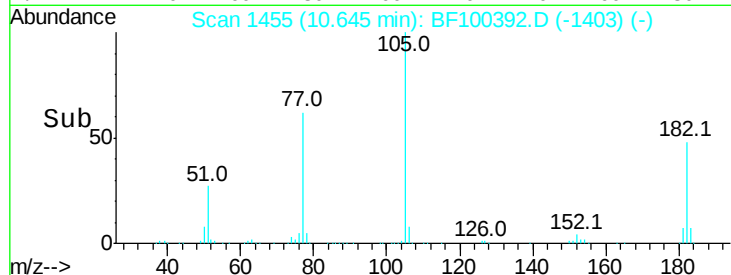


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100392.D

Acq: 10 Nov 2017 15:47

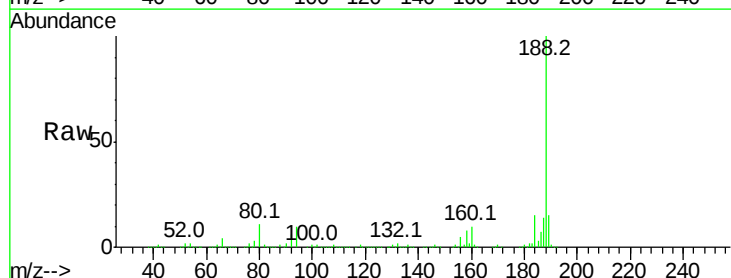
Tgt Ion: 188 Resp: 589202

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

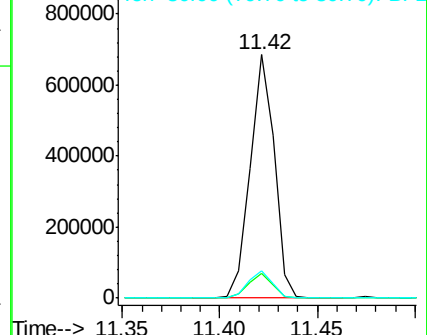
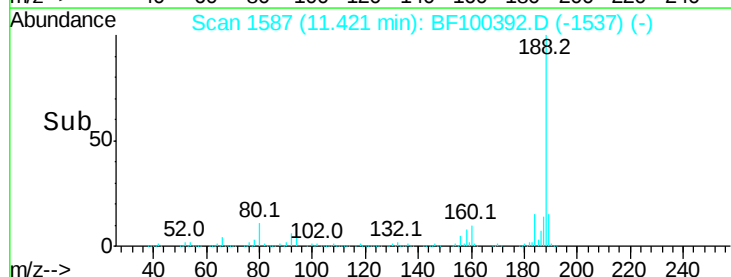
80 11.3 9.2 13.8

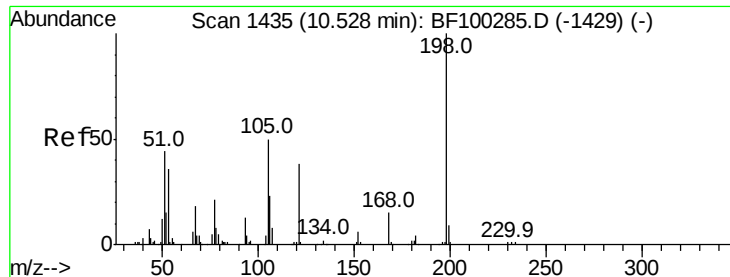


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

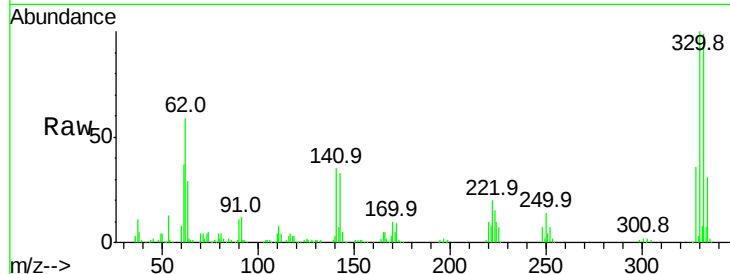




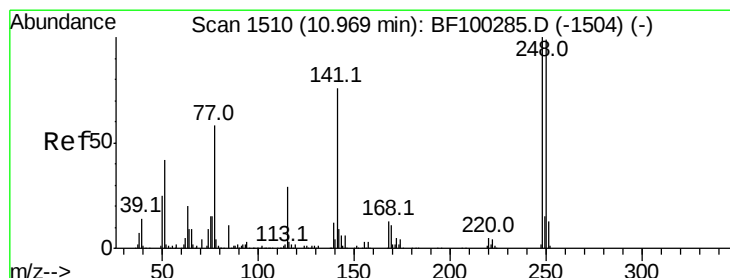
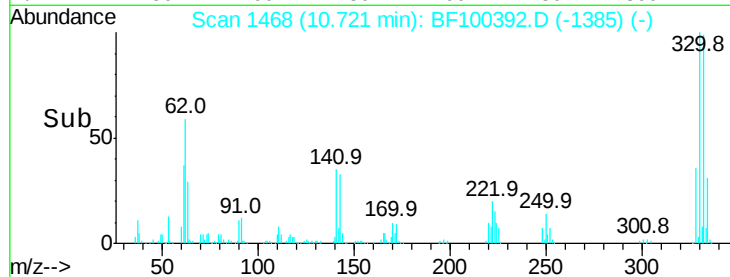
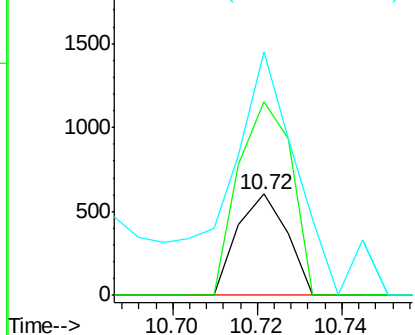
#64
4,6-Dinitro-2-methylphenol
Concen: 8.705 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100392.D
Acq: 10 Nov 2017 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 490
Ion Ratio Lower Upper
198 100
51 191.5 37.7 77.7#
105 240.6 36.3 76.3#

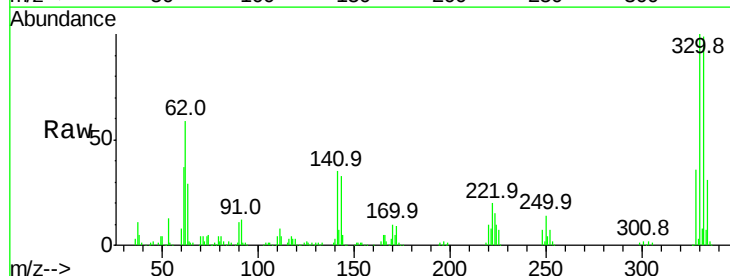


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

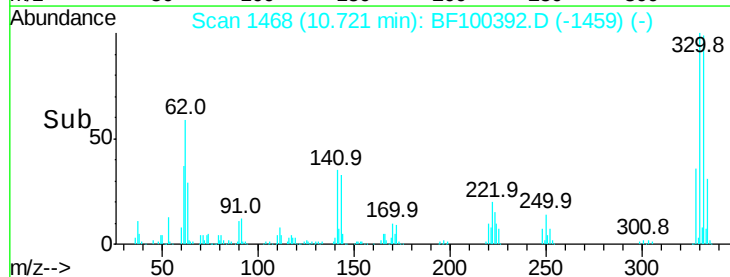
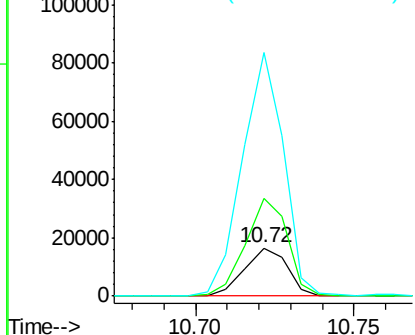


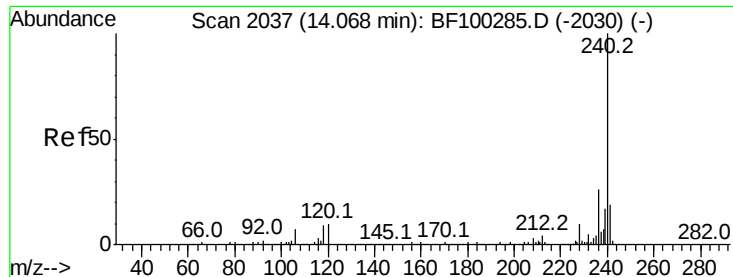
#66
4-Bromophenyl-phenylether
Concen: 2.445 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.25 min
Lab File: BF100392.D
Acq: 10 Nov 2017 15:47

Tgt Ion:248 Resp: 15443
Ion Ratio Lower Upper
248 100
250 202.0 76.9 115.3#
141 504.8 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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF100392.D

Acq: 10 Nov 2017 15:47

Instrument :

BNA_F

ClientSampled :

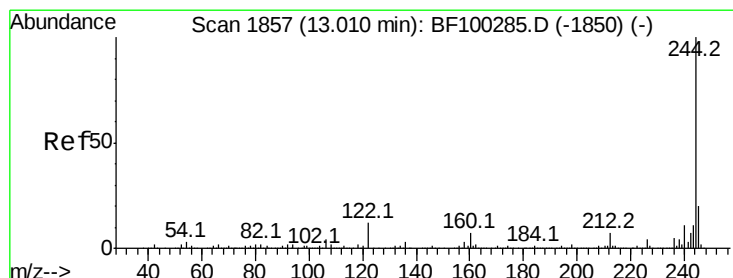
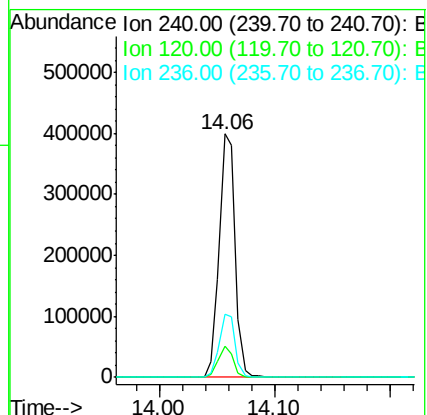
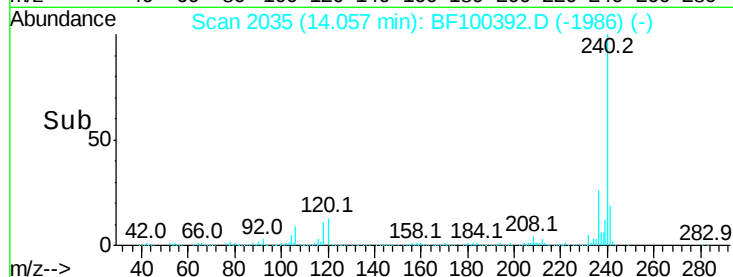
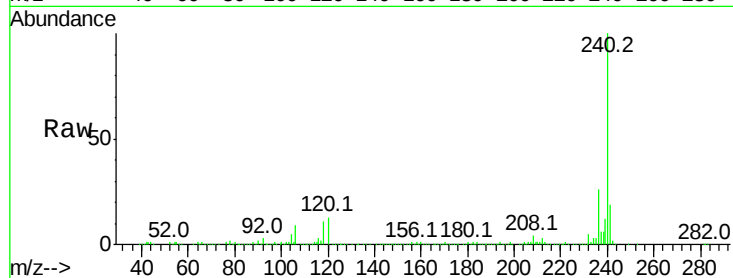
Tot Ion:240 Resp: 384330

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

236 25.8 20.7 31.1



#78

Terphenyl-d14

Concen: 59.505 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100392.D

Acq: 10 Nov 2017 15:47

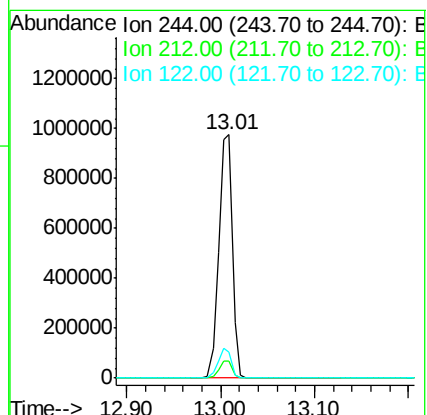
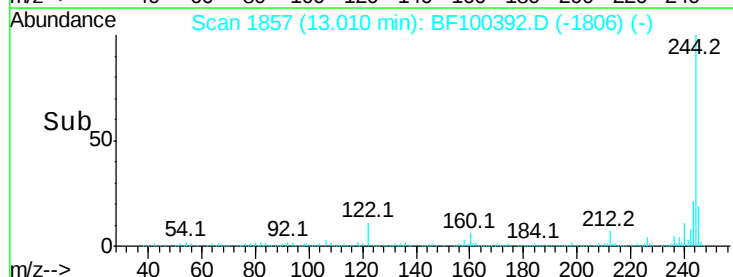
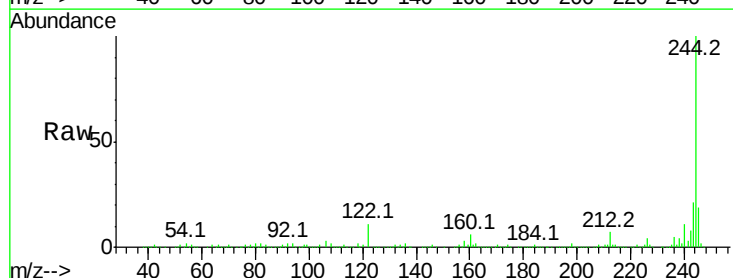
Tgt Ion:244 Resp: 995325

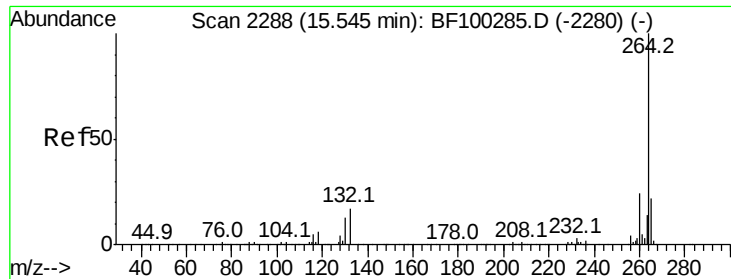
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 10.8 11.0 16.4#

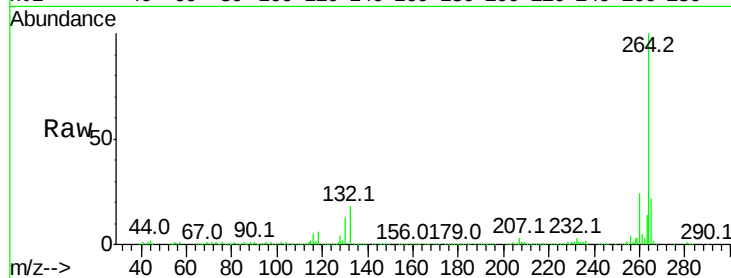




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100392.D
Acq: 10 Nov 2017 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	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

