

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100416.D
 Acq On : 11 Nov 2017 3:01
 Operator : SJ/JU
 Sample : I6355-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 07:16:20 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	150541	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	546417	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	231981	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	388107	20.00	ng	0.00
75) Chrysene-d12	14.06	240	303405	20.00	ng	0.00
86) Perylene-d12	15.54	264	238179	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	484768	51.62	ng	0.00
7) Phenol-d6	6.52	99	409503	35.36	ng	-0.01
23) Nitrobenzene-d5	7.47	82	984624	119.13	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	222604	94.17	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1609678	105.66	ng	0.00
78) Terphenyl-d14	13.01	244	1241644	94.03	ng	0.00

Target Compounds

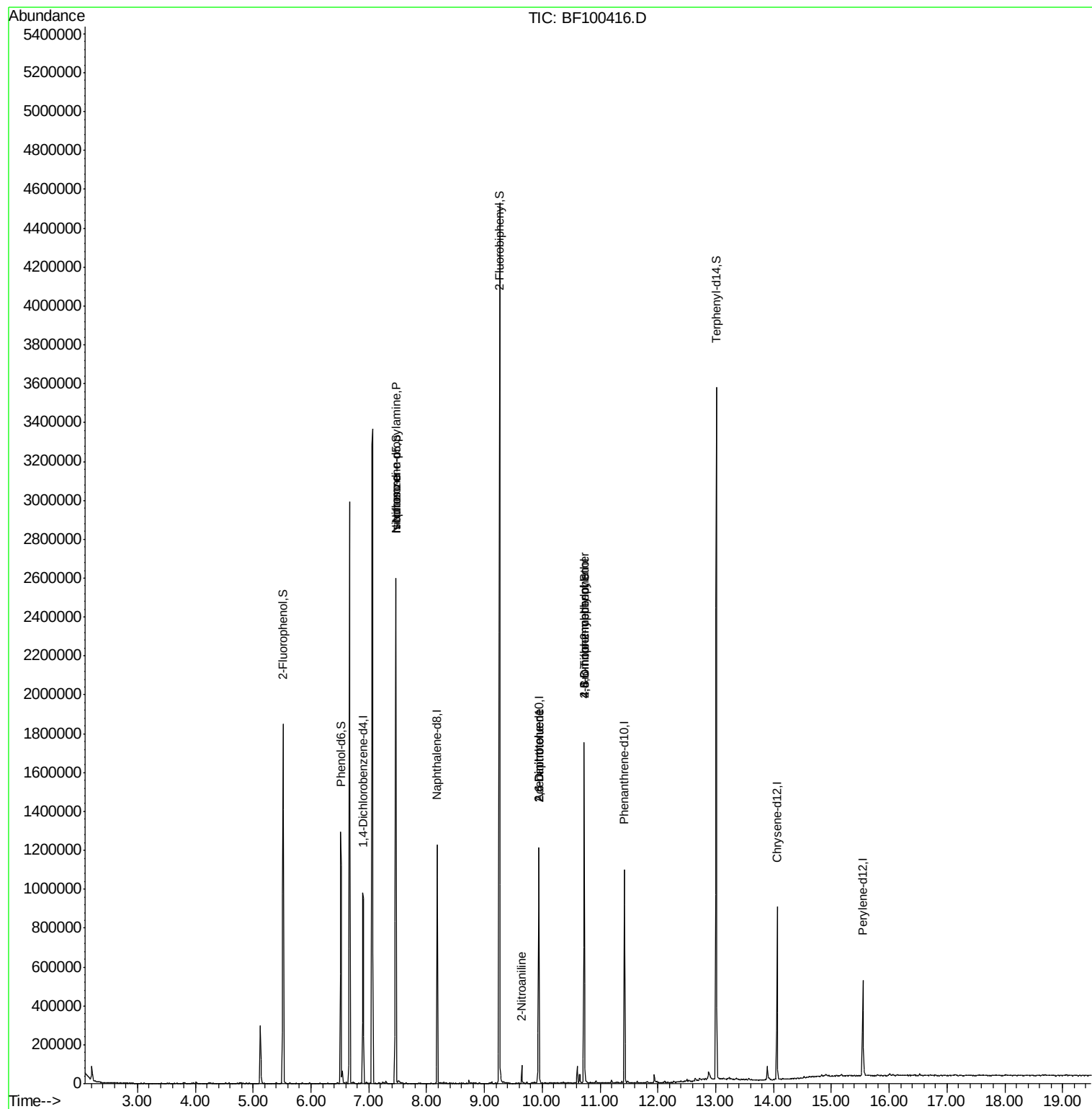
						Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	131182	16.334	ng	# 79
25) Isophorone	7.47	82	982608	56.576	ng	# 64
47) 2-Nitroaniline	9.65	65	290	2.847	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	29194	8.327	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	29194	6.601	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	365	8.723	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	13705	3.294	ng	# 1

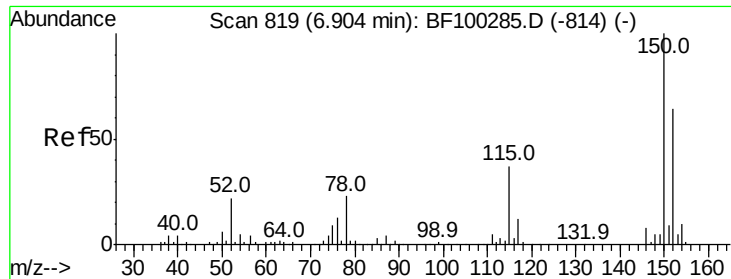
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100416.D
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Misc :
ALS Vial : 34 Sample Multiplier: 1

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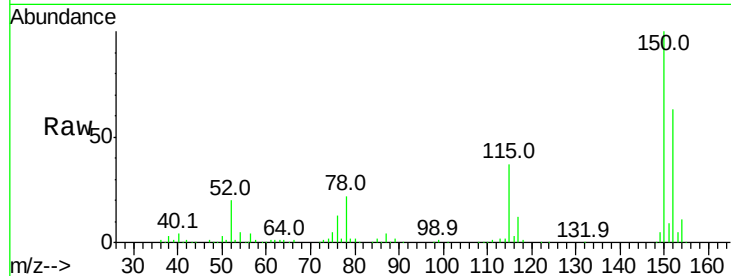


#1

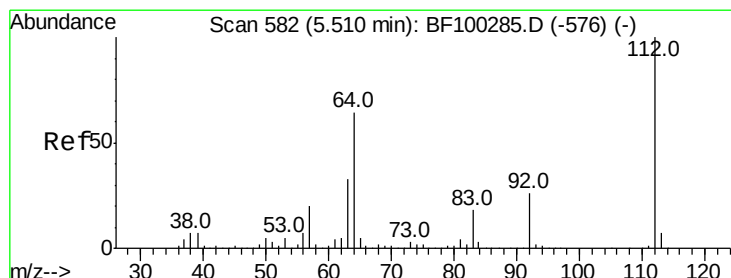
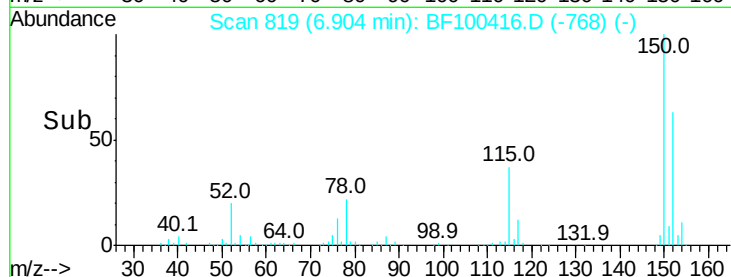
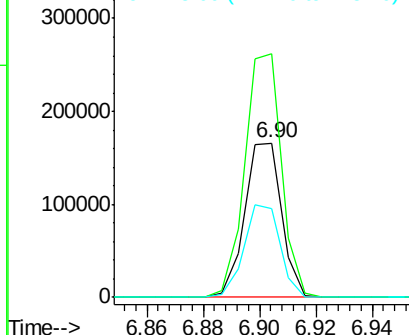
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100416.D
Acq: 11 Nov 2017 3:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 150541
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 57.9 50.1 75.1



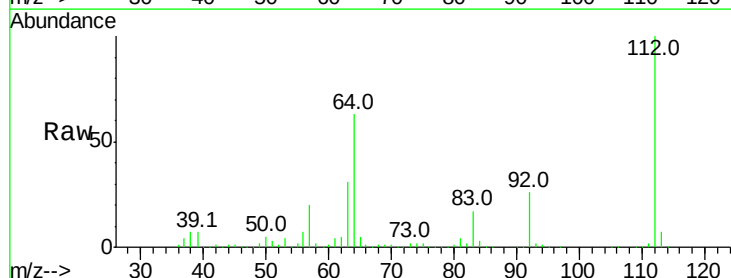
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



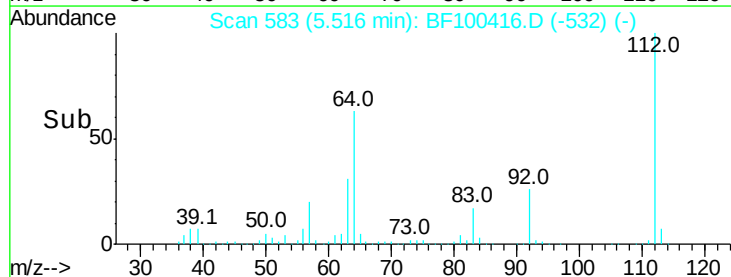
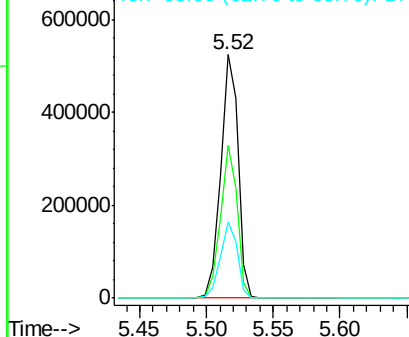
#5

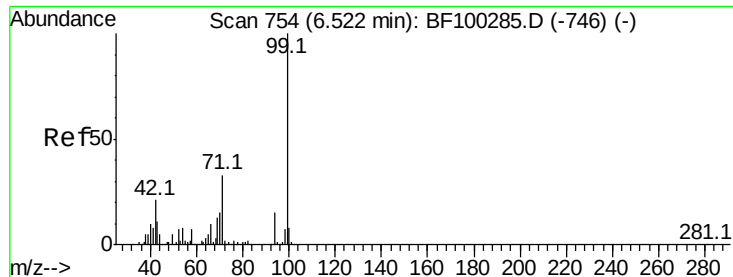
2-Fluorophenol
Concen: 51.619 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF100416.D
Acq: 11 Nov 2017 3:01

Tgt Ion:112 Resp: 484768
Ion Ratio Lower Upper
112 100
64 62.8 47.9 71.9
63 31.0 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: 35.361 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100416.D

Acq: 11 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

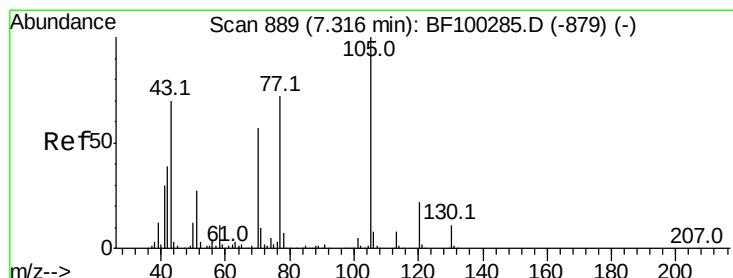
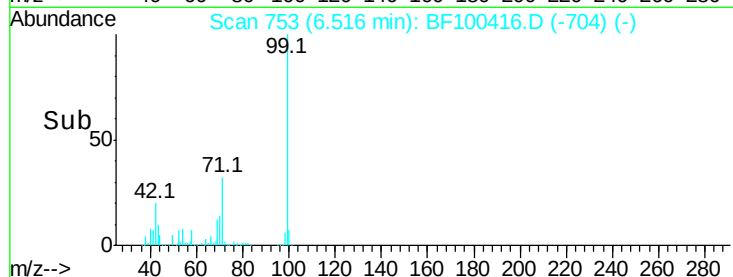
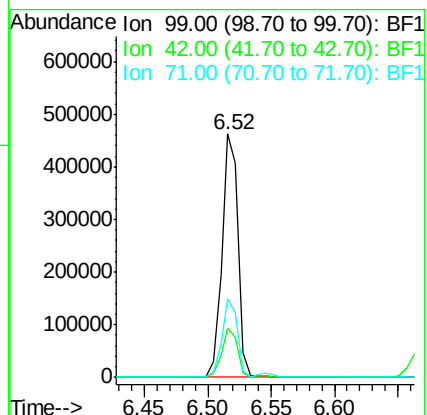
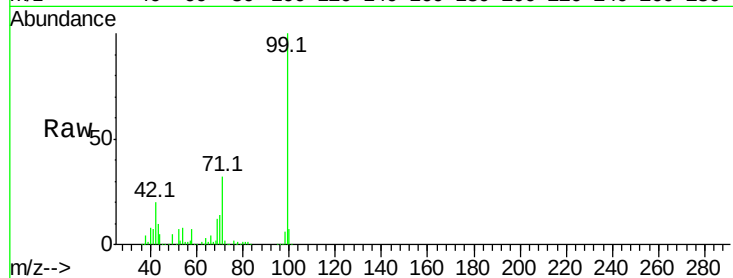
Tot Ion: 99 Resp: 409503

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 32.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.334 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.15 min

Lab File: BF100416.D

Acq: 11 Nov 2017 3:01

Tgt Ion: 70 Resp: 131182

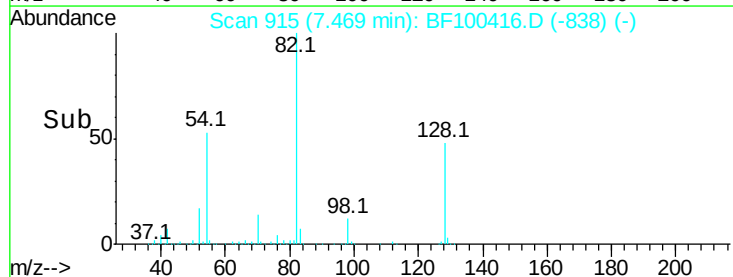
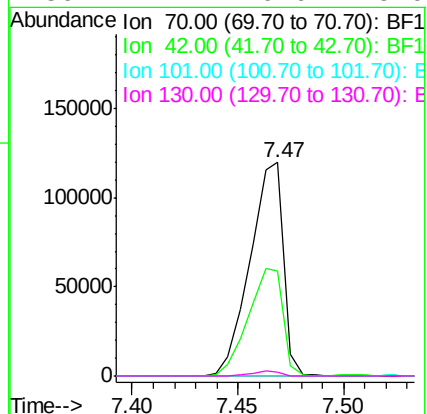
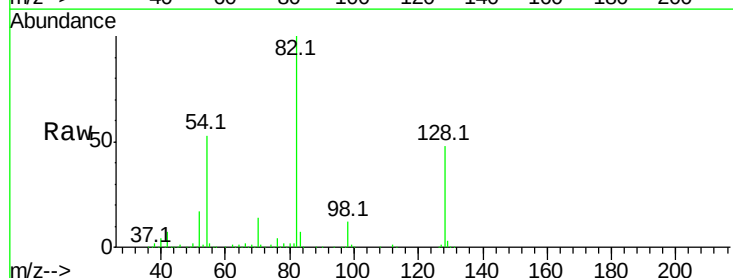
Ion Ratio Lower Upper

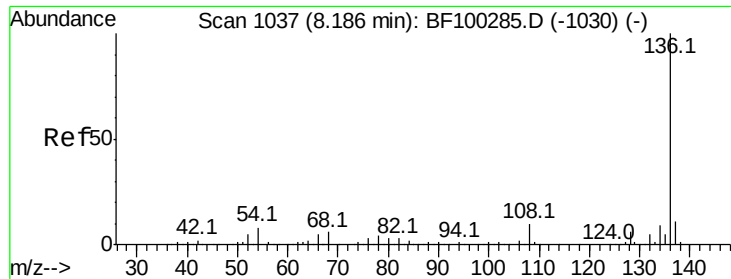
70 100

42 49.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

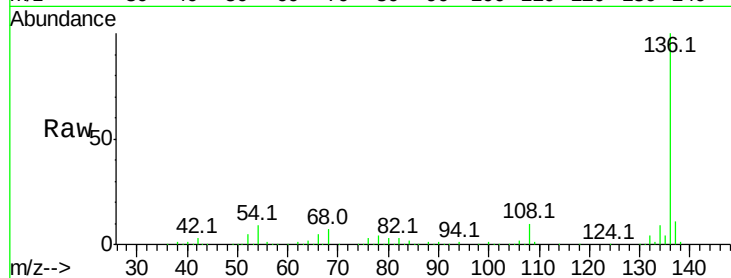




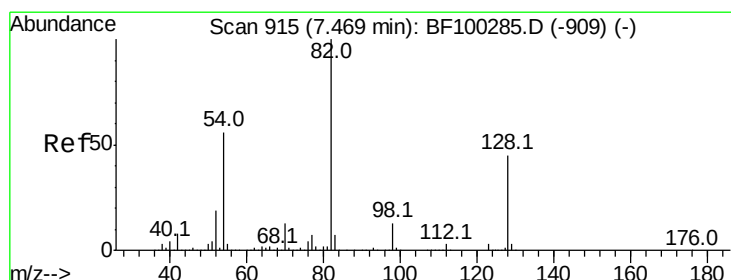
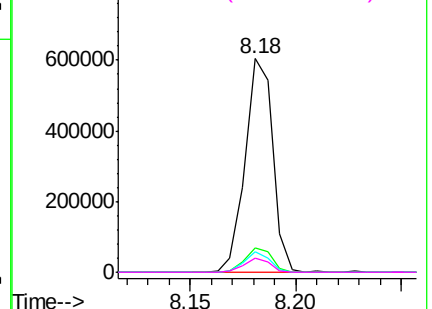
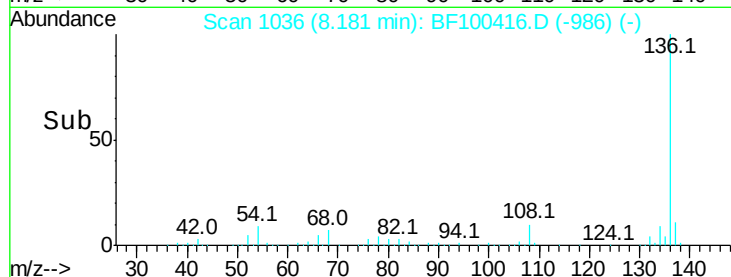
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100416.D
Acq: 11 Nov 2017 3:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	546417
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.4	6.6	9.8
68	6.7	5.0	7.4

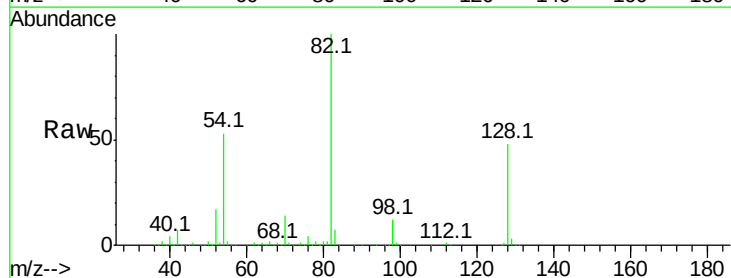


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

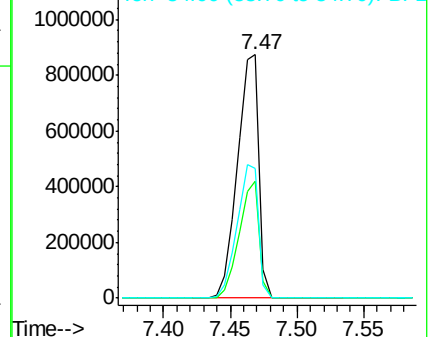
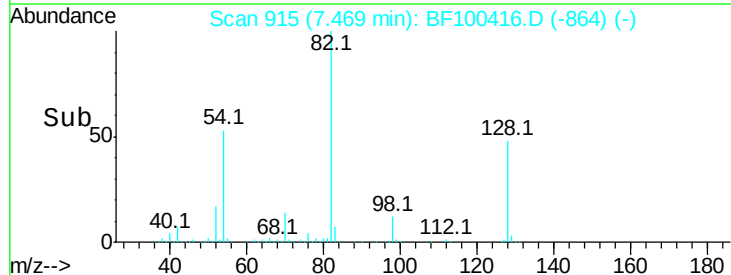


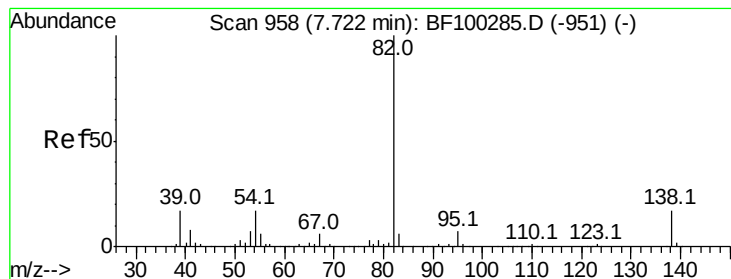
#23
Nitrobenzene-d5
Concen: 119.134 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF100416.D
Acq: 11 Nov 2017 3:01

Tgt Ion:	82	Resp:	984624
Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	53.1	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: 56.576 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.26 min

Lab File: BF100416.D

Acq: 11 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

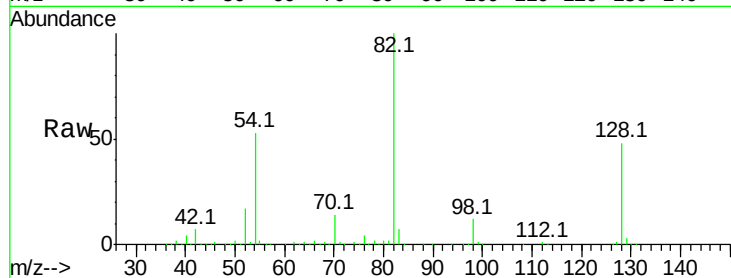
Tot Ion: 82 Resp: 982608

Ion Ratio Lower Upper

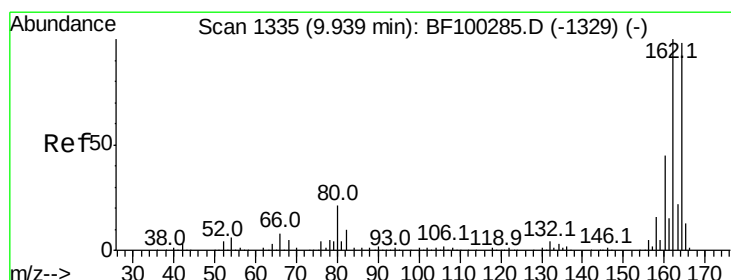
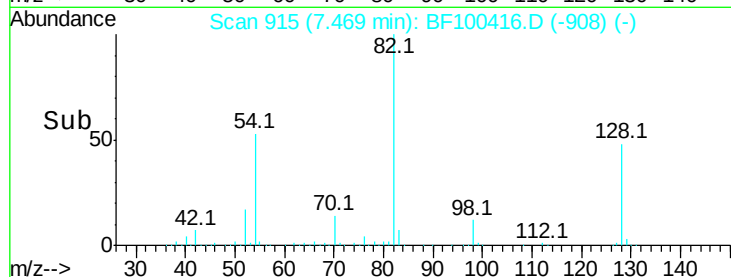
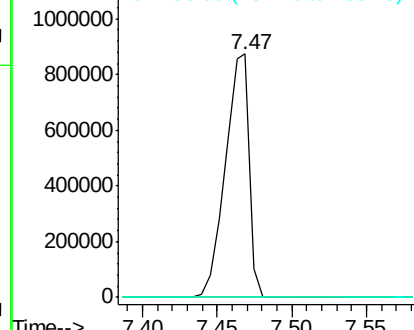
82 100

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: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100416.D

Acq: 11 Nov 2017 3:01

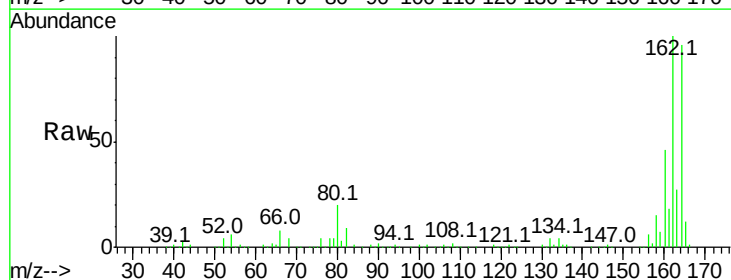
Tgt Ion: 164 Resp: 231981

Ion Ratio Lower Upper

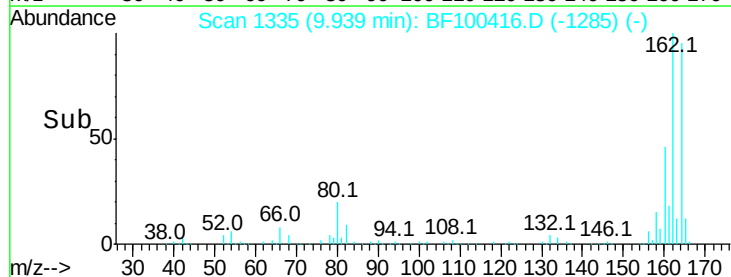
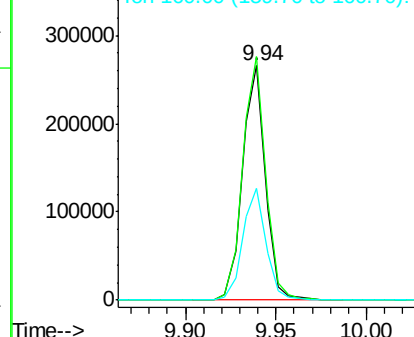
164 100

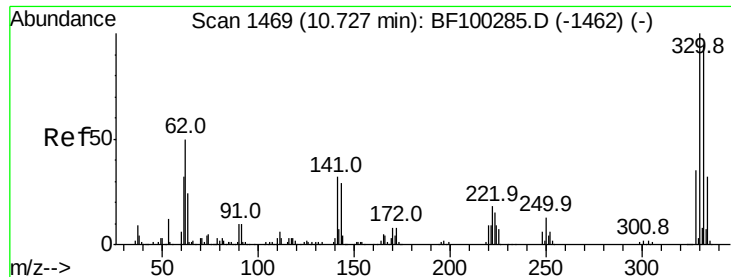
162 103.8 86.1 129.1

160 47.8 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

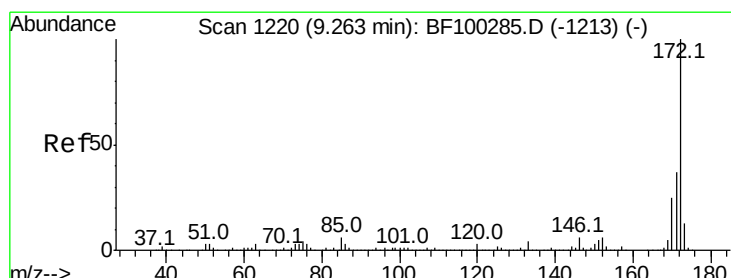
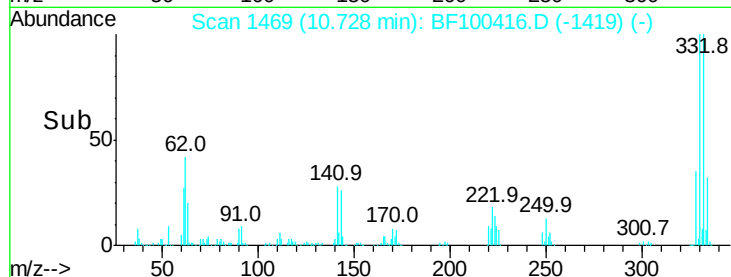
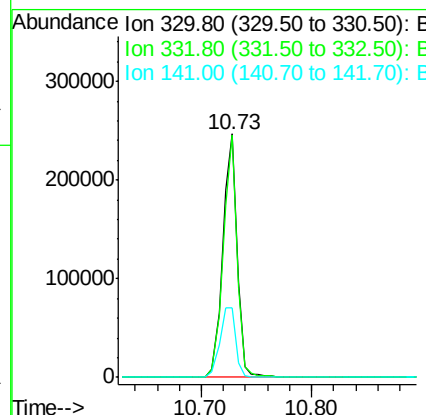
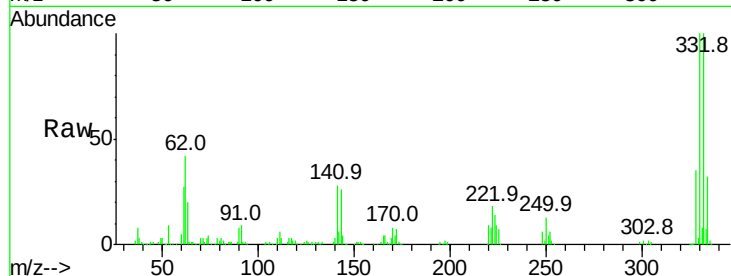




#41
 2,4,6-Tribromophenol
 Concen: 94.169 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100416.D
 Acq: 11 Nov 2017 3:01

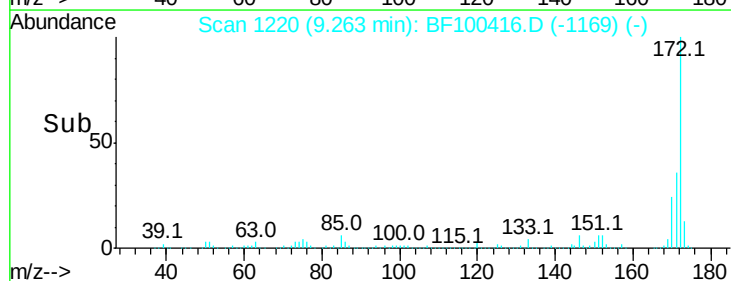
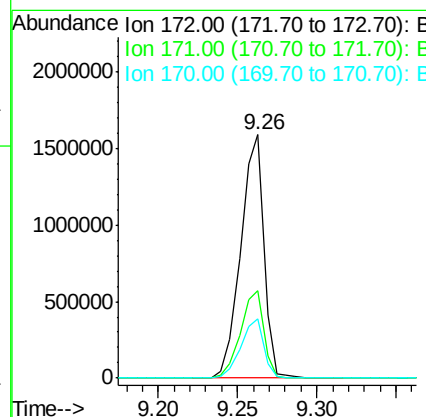
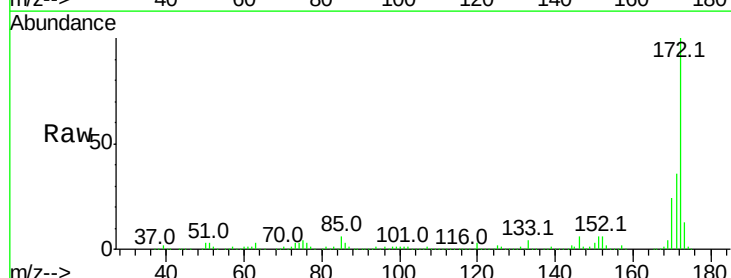
Instrument :
 BNA_F
 ClientSampleId :

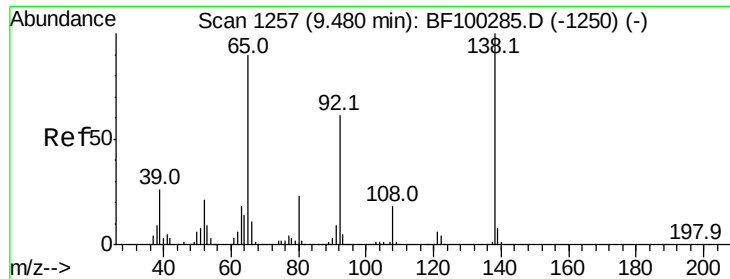
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	31.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 105.658 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100416.D
 Acq: 11 Nov 2017 3:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4





#47

2-Nitroaniline

Concen: 2.847 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.16 min

Lab File: BF100416.D

Acq: 11 Nov 2017 3:01

Instrument :

BNA_F

ClientSampled :

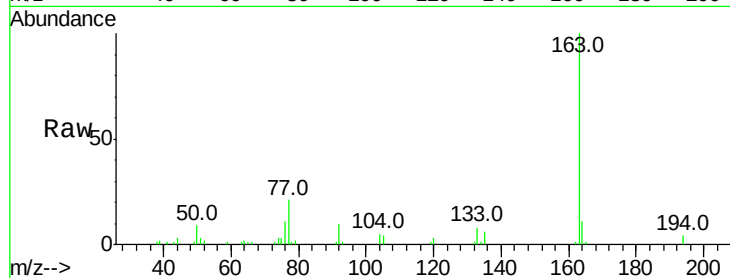
Tot Ion: 65 Resp: 290

Ion Ratio Lower Upper

65 100

92 857.7 55.8 83.6#

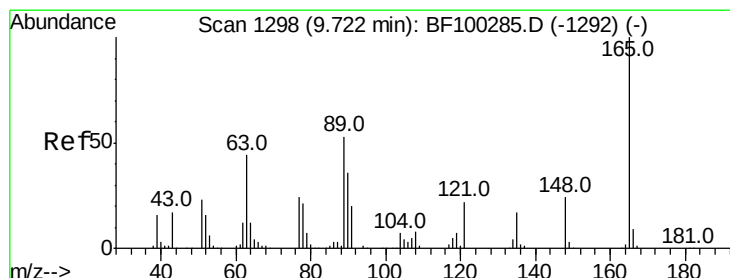
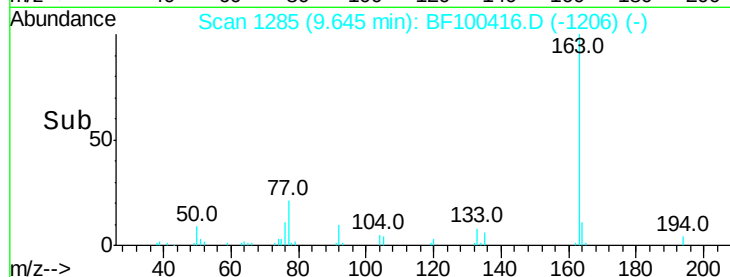
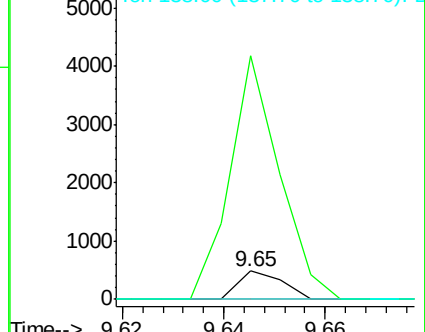
138 0.0 91.2 136.8#



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



#50

2,6-Dinitrotoluene

Concen: 8.327 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.22 min

Lab File: BF100416.D

Acq: 11 Nov 2017 3:01

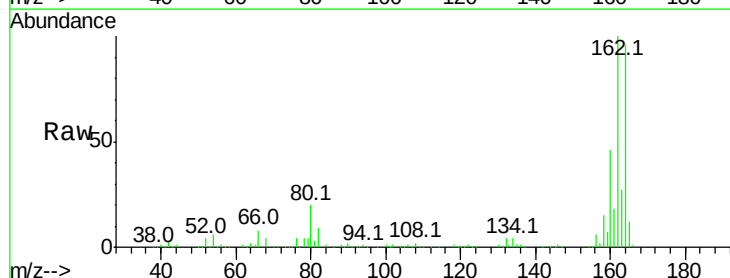
Tgt Ion:165 Resp: 29194

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

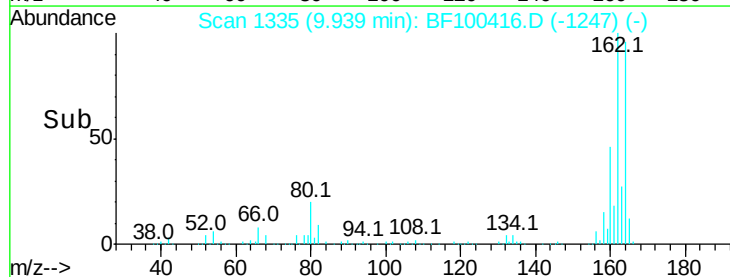
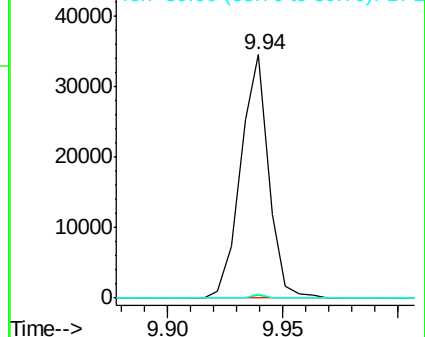
89 1.7 44.0 66.0#

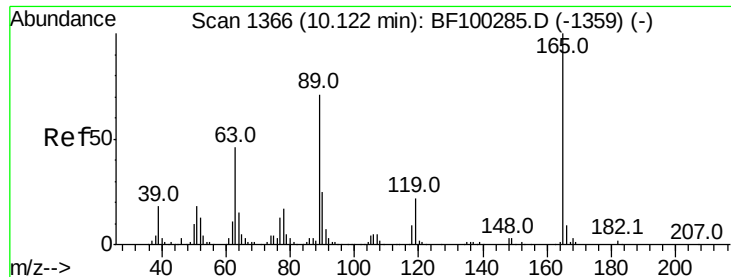


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

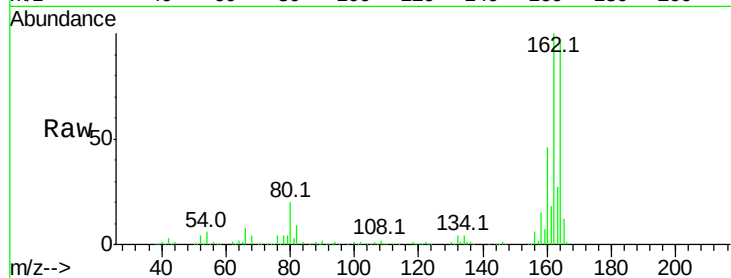




#56
 2,4-Dinitrotoluene
 Concen: 6.601 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100416.D
 Acq: 11 Nov 2017 3:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	165	Resp:	29194
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

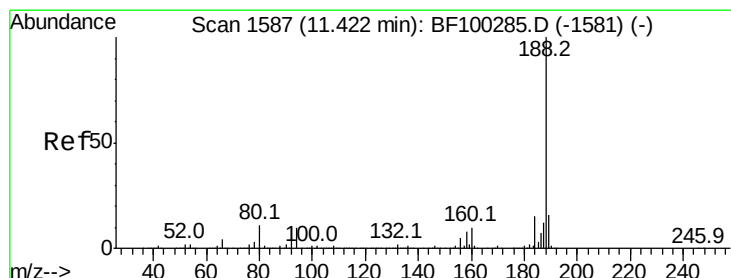
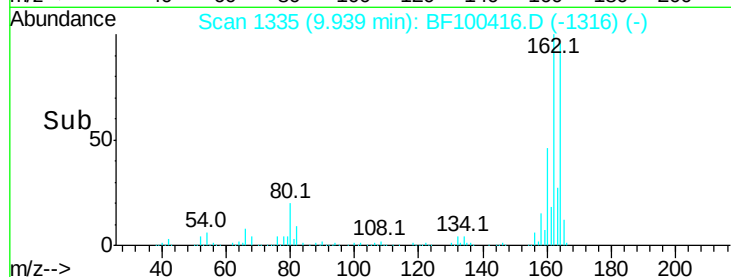
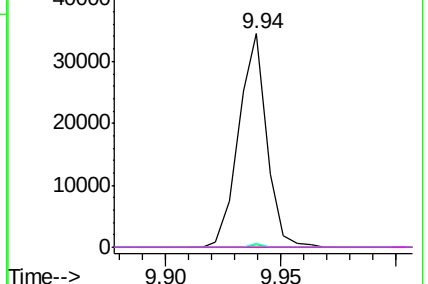


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

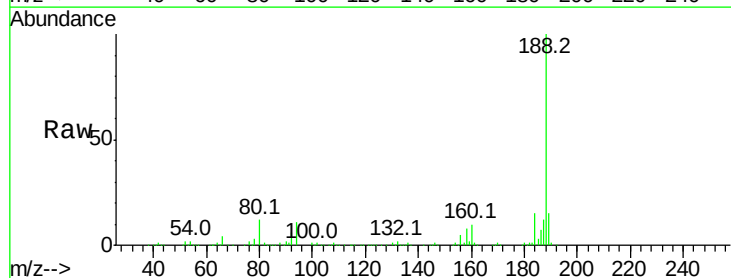
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100416.D
 Acq: 11 Nov 2017 3:01

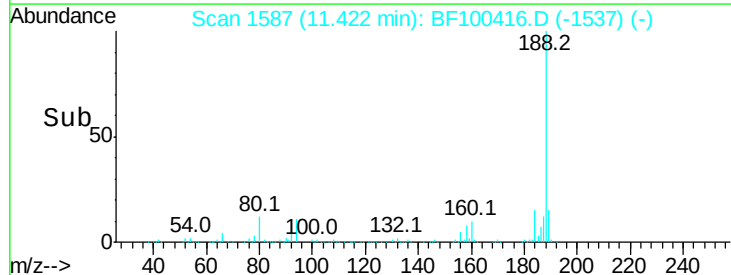
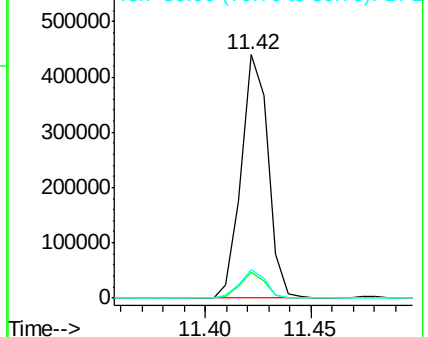
Tgt Ion:	188	Resp:	388107
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	12.0	9.2	13.8

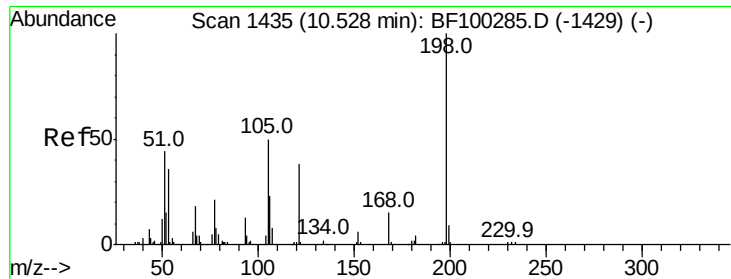


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.723 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.19 min

Lab File: BF100416.D

Acq: 11 Nov 2017 3:01

Instrument :

BNA_F

ClientSampled :

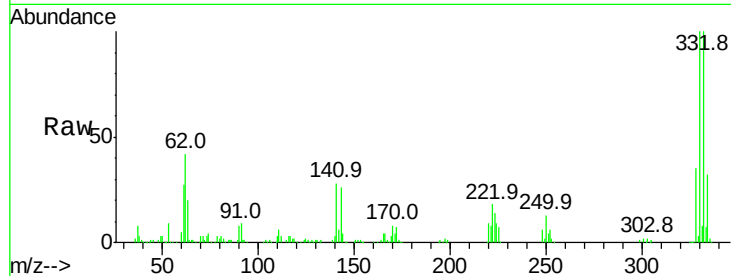
Tot Ion:198 Resp: 365

Ion Ratio Lower Upper

198 100

51 149.2 37.7 77.7#

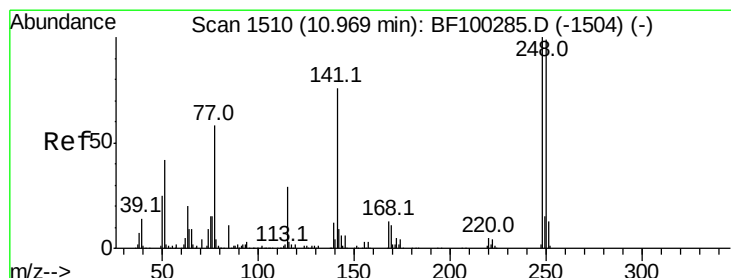
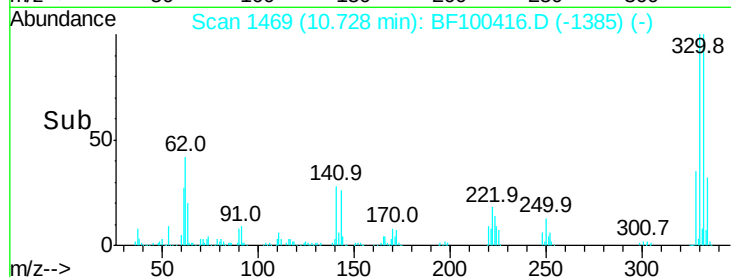
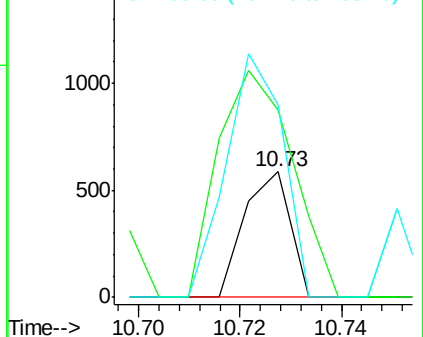
105 153.7 36.3 76.3#



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: 3.294 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.24 min

Lab File: BF100416.D

Acq: 11 Nov 2017 3:01

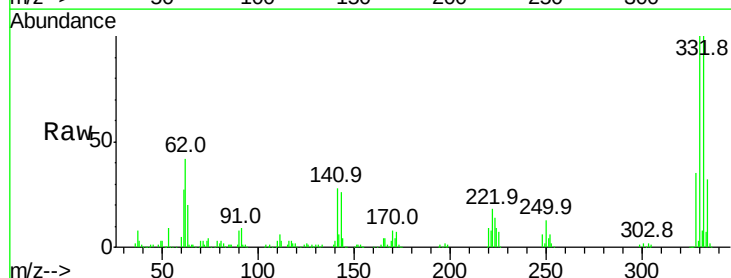
Tgt Ion:248 Resp: 13705

Ion Ratio Lower Upper

248 100

250 208.6 76.9 115.3#

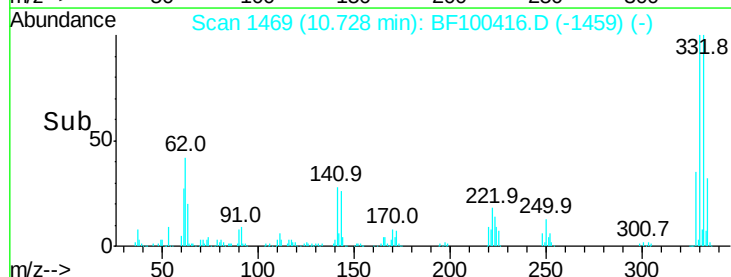
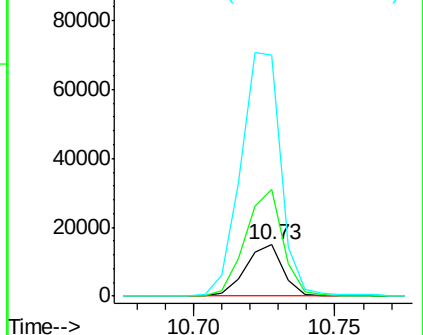
141 473.6 74.4 111.6#

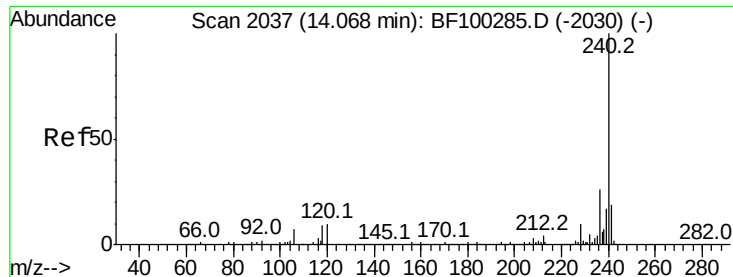


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2036

Delta R.T. -0.01 min

Lab File: BF100416.D

Acq: 11 Nov 2017 3:01

Instrument :

BNA_F

ClientSampleId :

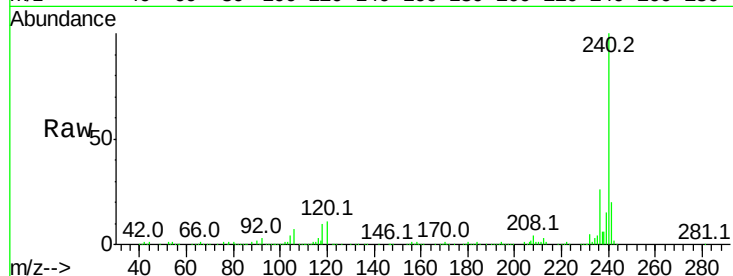
Tot Ion:240 Resp: 303405

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

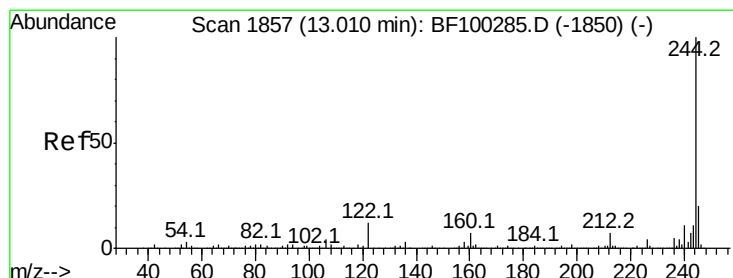
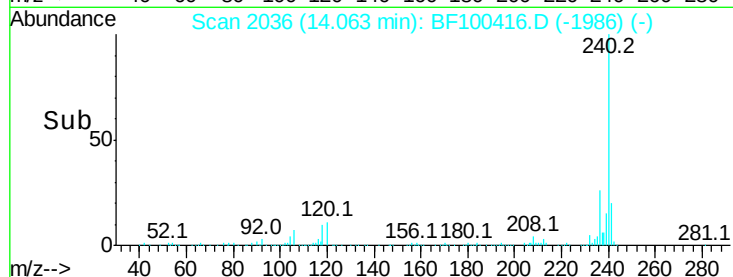
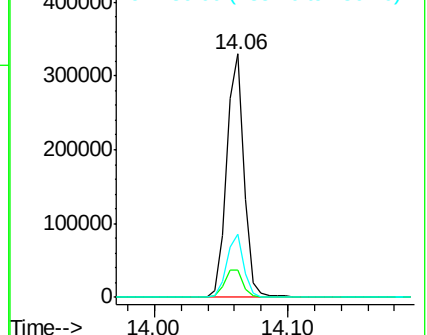
236 26.1 20.7 31.1



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: 94.031 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100416.D

Acq: 11 Nov 2017 3:01

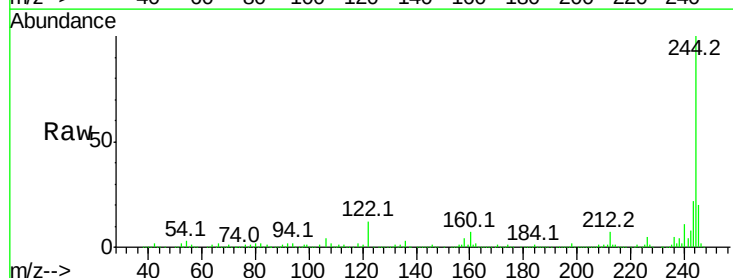
Tgt Ion:244 Resp: 1241644

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

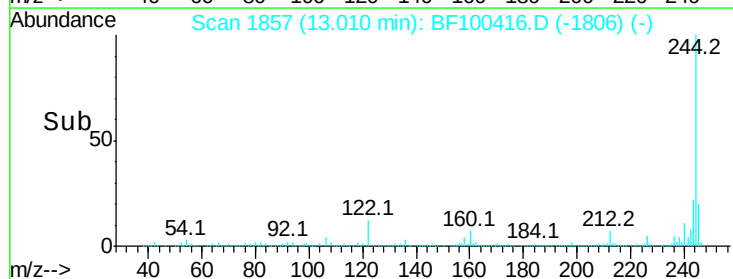
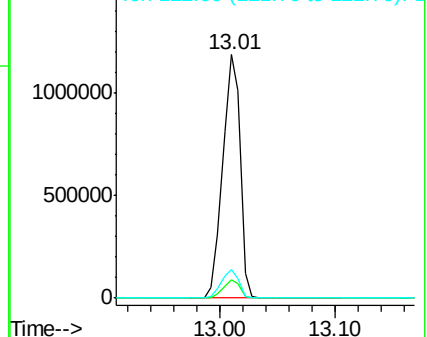
122 11.9 11.0 16.4

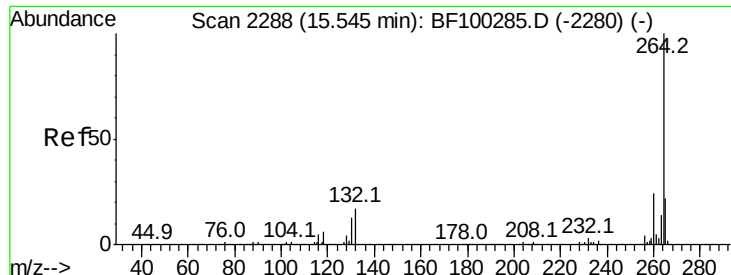


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: BF100416.D
 Acq: 11 Nov 2017 3:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.9	17.5	26.3

