

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100529.D
 Acq On : 14 Nov 2017 7:13
 Operator : SJ/JU
 Sample : I6441-30
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 14 08:43:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 02:37:14 2017
 Response via : Initial Calibration

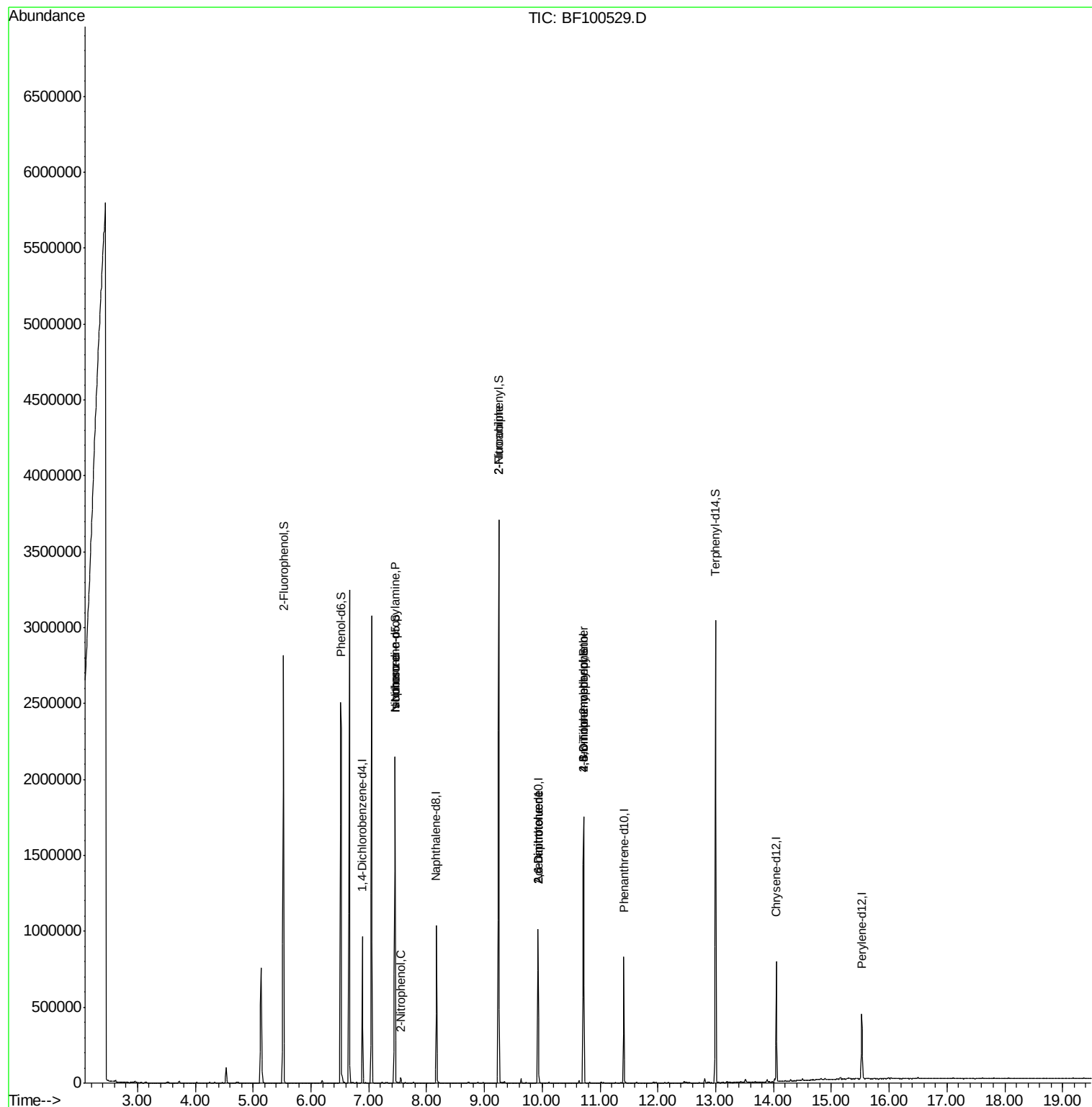
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128090	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	483750	20.00	ng	-0.02
38) Acenaphthene-d10	9.93	164	189966	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	290417	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	274815	20.00	ng	-0.02
86) Perylene-d12	15.53	264	206940	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	878360	109.92	ng	0.01
7) Phenol-d6	6.52	99	977355	99.19	ng	0.00
23) Nitrobenzene-d5	7.46	82	820912	112.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	217253	112.23	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1422859	114.05	ng	-0.02
78) Terphenyl-d14	13.00	244	1040099	86.96	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	107804	15.78	ng	# 80
25) Isophorone	7.46	82	820901	53.39	ng	# 64
26) 2-Nitrophenol	7.55	139	208	5.43	ng	# 34
47) 2-Nitroaniline	9.25	65	2212	3.38	ng	# 1
50) 2,6-Dinitrotoluene	9.93	165	24440	8.51	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	24440	6.75	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	372	8.78	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	13628	4.38	ng	# 1

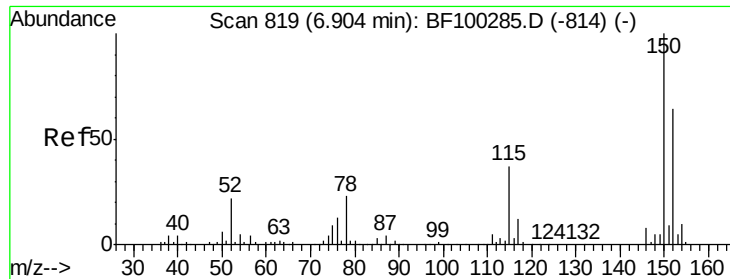
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100529.D
Acq On : 14 Nov 2017 7:13
Operator : SJ/JU
Sample : I6441-30
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 14 08:43:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 02:37:14 2017
Response via : Initial Calibration



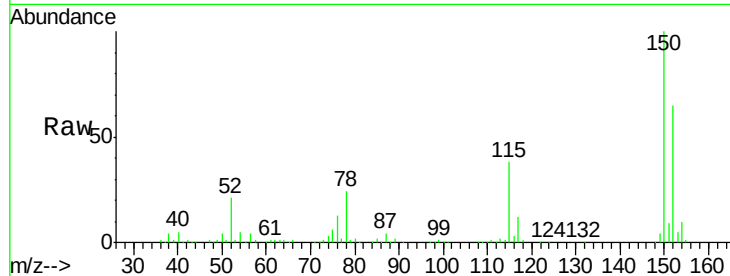


#1

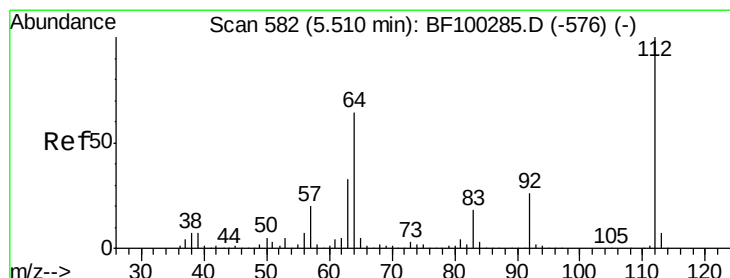
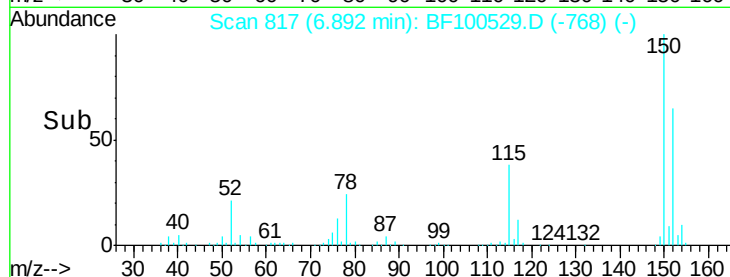
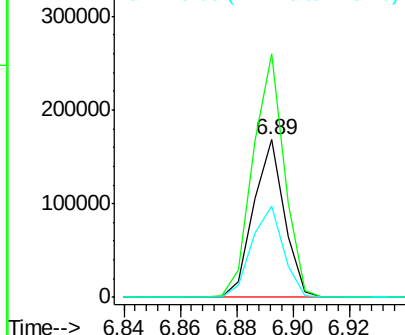
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100529.D
Acq: 14 Nov 2017 7:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128090
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 58.2 50.1 75.1



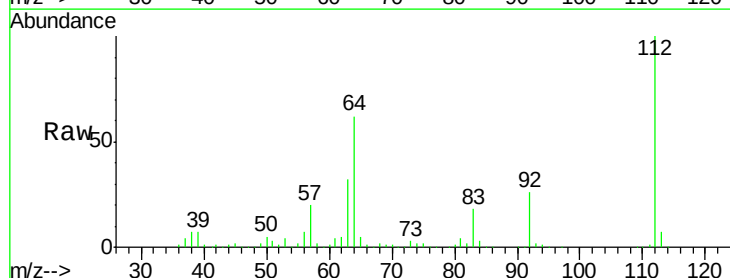
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



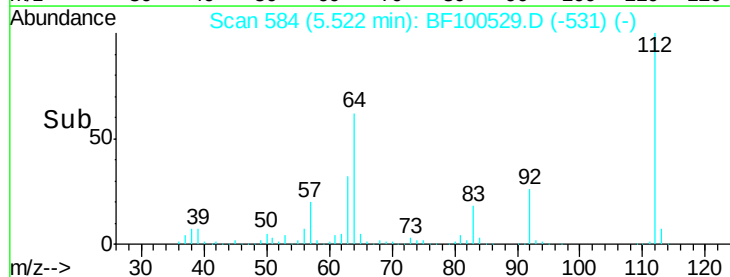
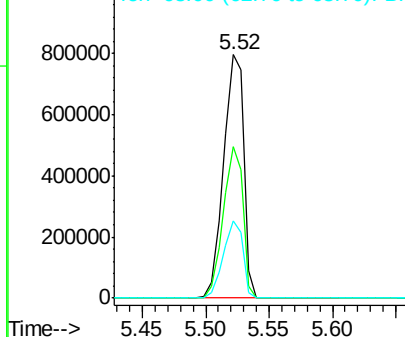
#5

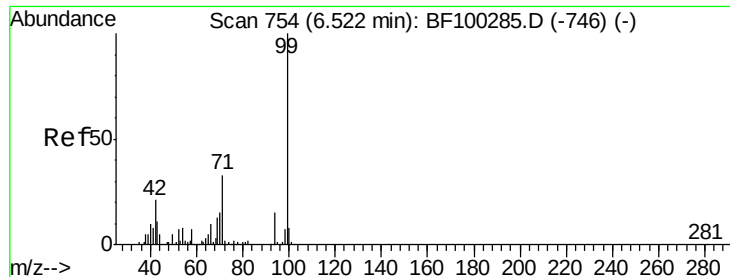
2-Fluorophenol
Concen: 109.92 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100529.D
Acq: 14 Nov 2017 7:13

Tgt Ion:112 Resp: 878360
Ion Ratio Lower Upper
112 100
64 62.3 47.9 71.9
63 31.5 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: 99.19 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100529.D

Acq: 14 Nov 2017 7:13

Instrument :

BNA_F

ClientSampled :

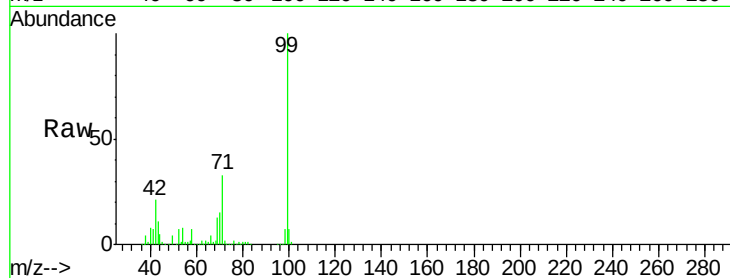
Tot Ion: 99 Resp: 977355

Ion Ratio Lower Upper

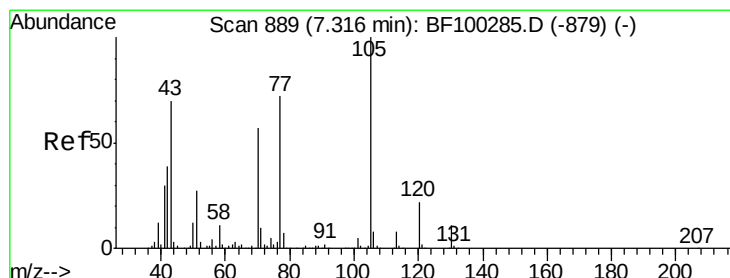
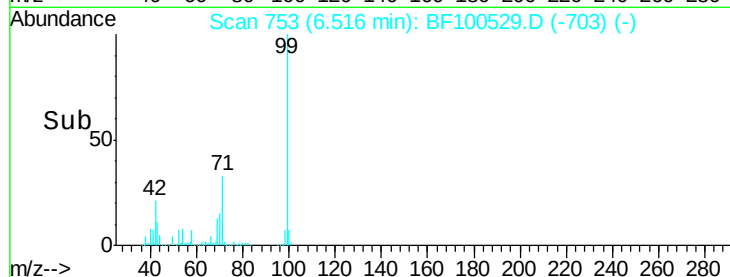
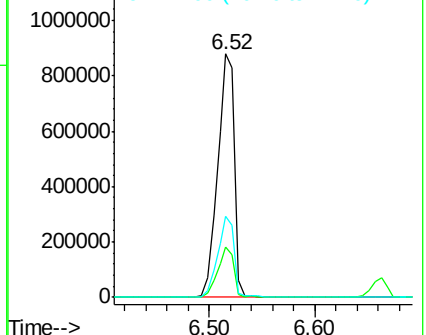
99 100

42 20.6 14.5 21.7

71 33.3 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: 15.78 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.14 min

Lab File: BF100529.D

Acq: 14 Nov 2017 7:13

Tgt Ion: 70 Resp: 107804

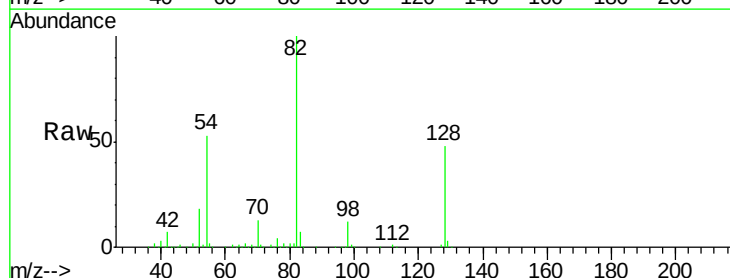
Ion Ratio Lower Upper

70 100

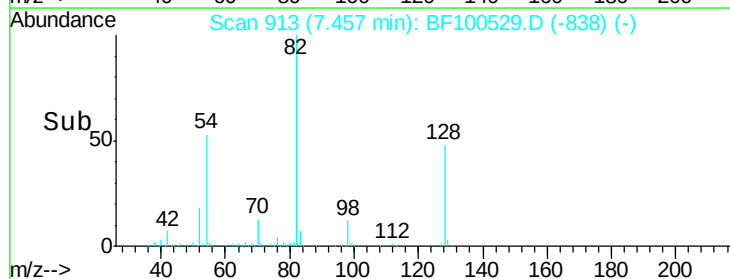
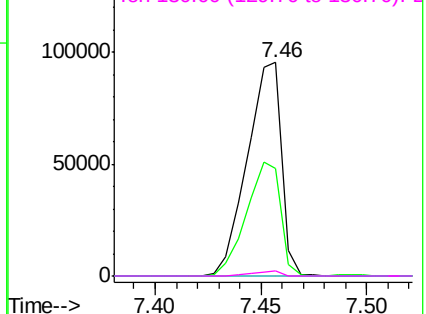
42 50.3 47.5 71.3

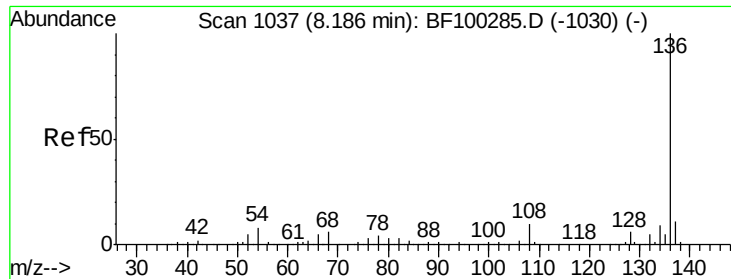
101 0.0 7.4 11.2#

130 2.4 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

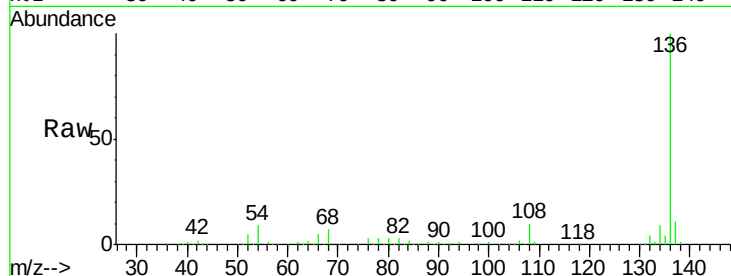




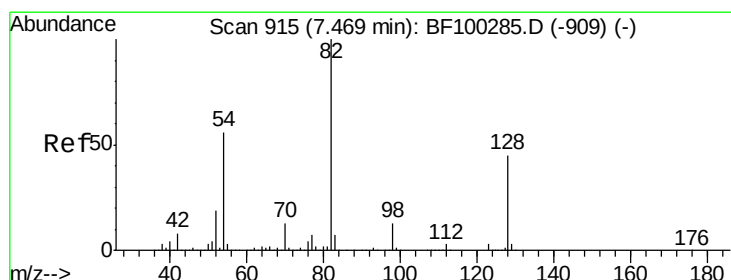
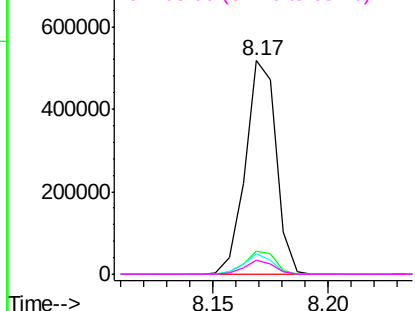
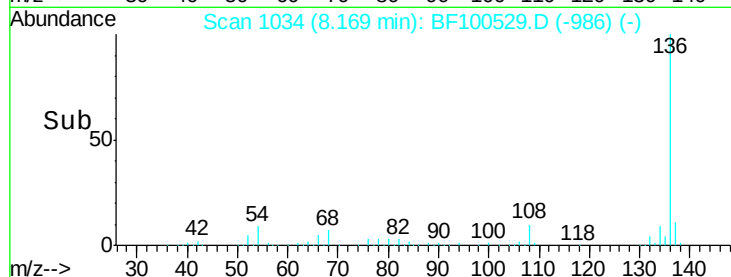
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF100529.D
Acq: 14 Nov 2017 7:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	483750
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	9.5	6.6 9.8
68	6.6	5.0 7.4

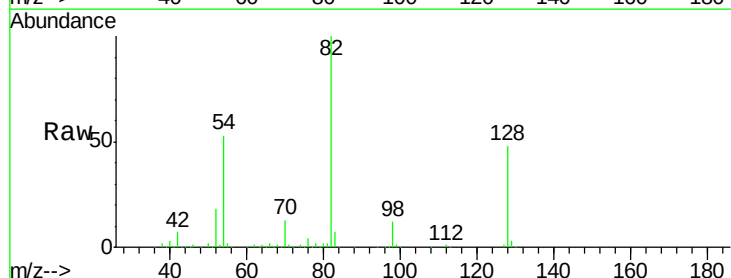


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

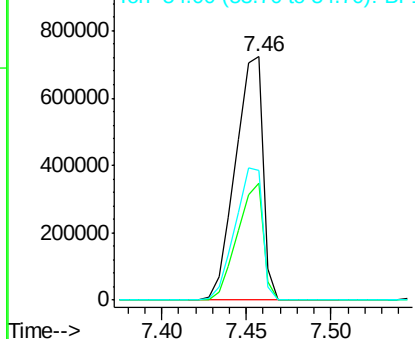
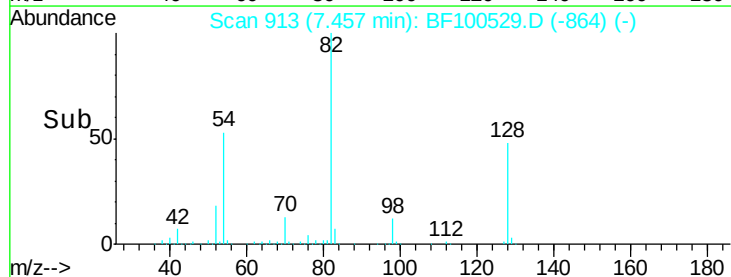


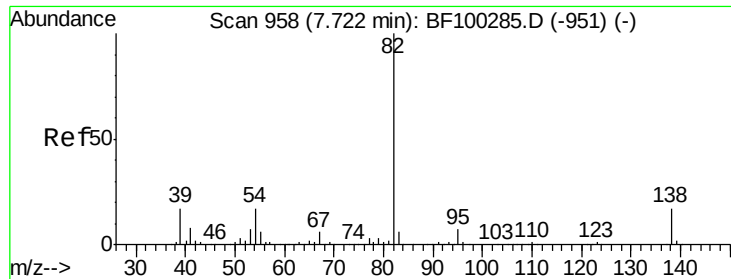
#23
Nitrobenzene-d5
Concen: 112.19 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100529.D
Acq: 14 Nov 2017 7:13

Tgt Ion: 82	Resp:	820912
Ion Ratio	Lower	Upper
82	100	
128	48.0	36.1 54.1
54	53.4	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: 53.39 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

Lab File: BF100529.D

Acq: 14 Nov 2017 7:13

Instrument :

BNA_F

ClientSampled :

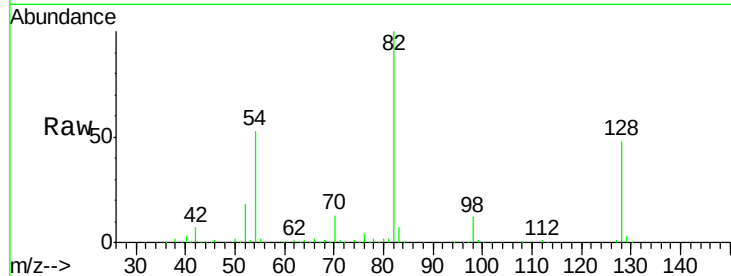
Tot Ion: 82 Resp: 820901

Ion Ratio Lower Upper

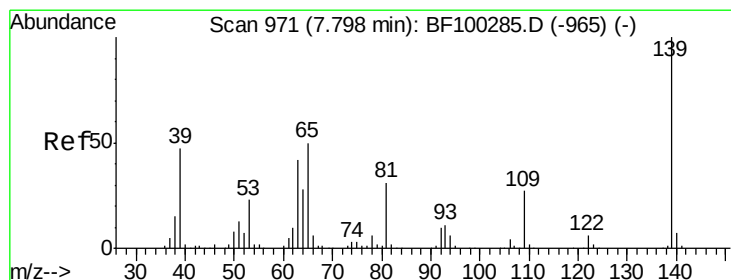
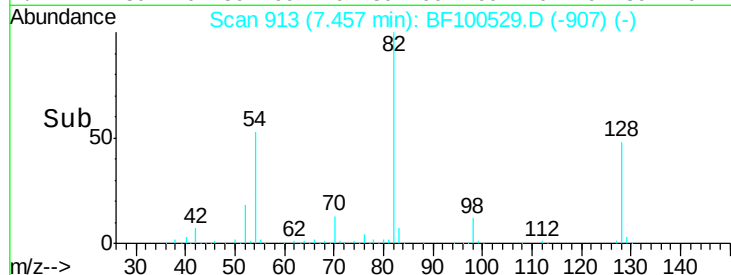
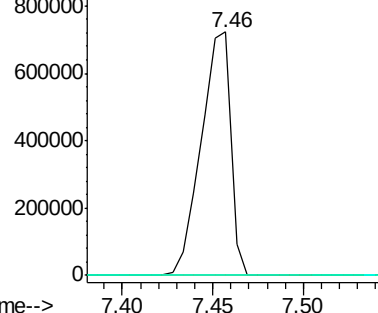
82 100

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



#26

2-Nitrophenol

Concen: 5.43 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.25 min

Lab File: BF100529.D

Acq: 14 Nov 2017 7:13

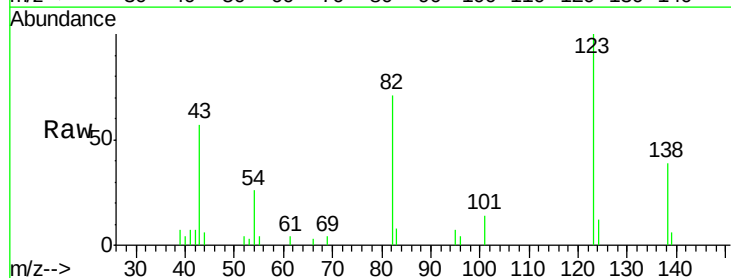
Tgt Ion: 139 Resp: 208

Ion Ratio Lower Upper

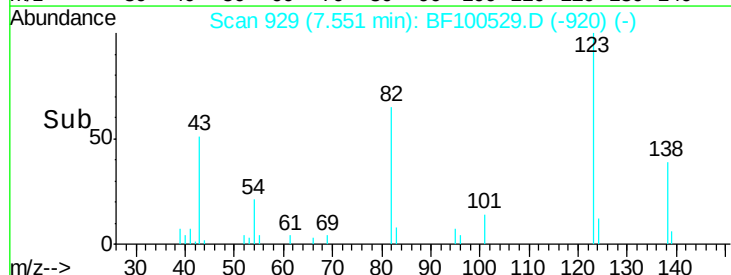
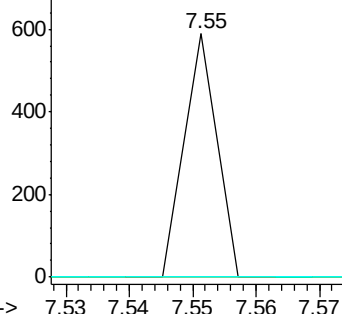
139 100

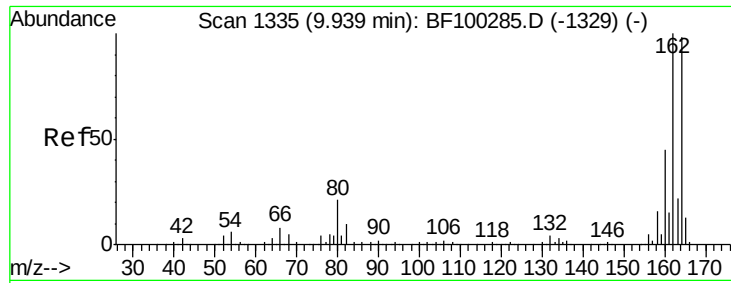
109 0.0 22.7 34.1#

65 0.0 40.5 60.7#



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

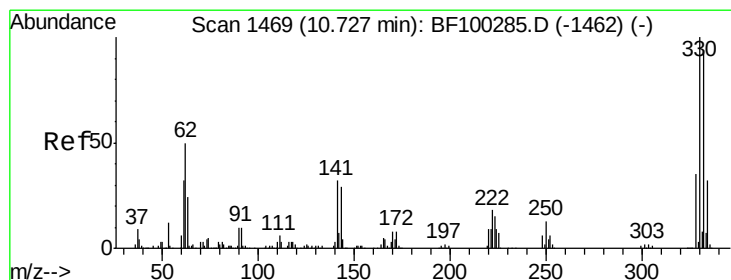
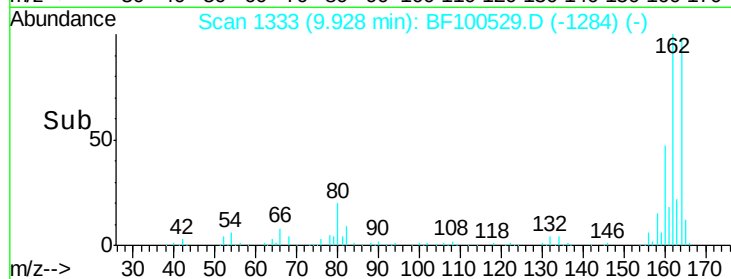
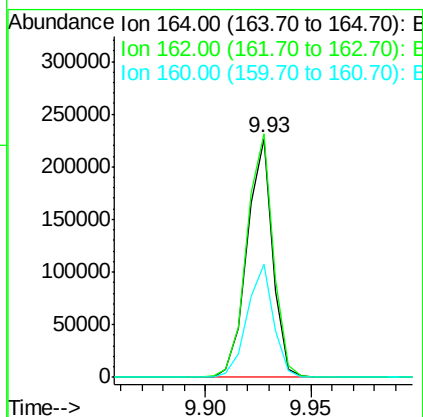
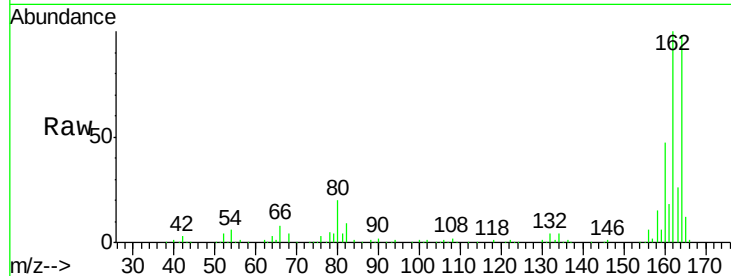




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF100529.D
 Acq: 14 Nov 2017 7:13

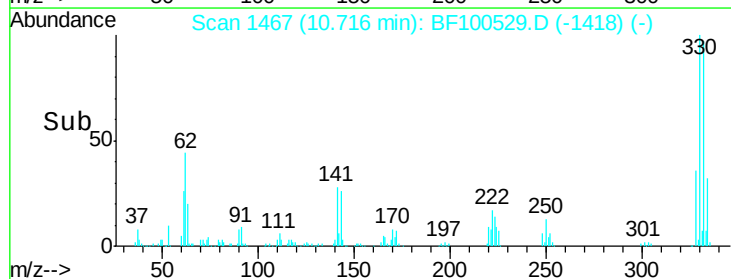
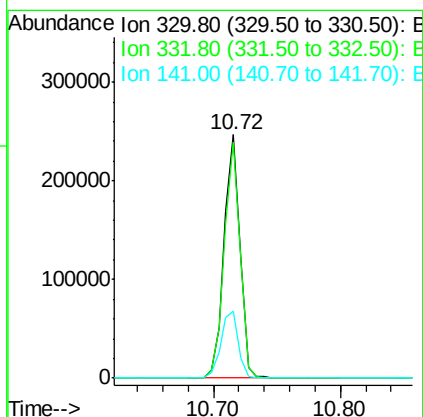
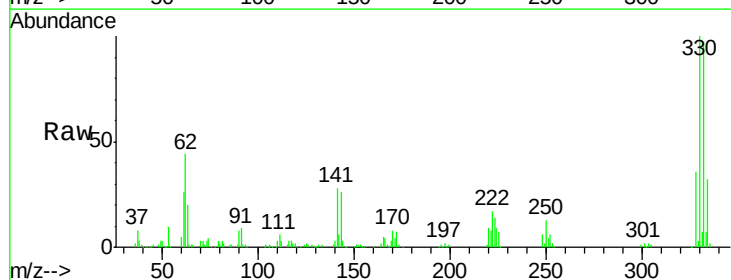
Instrument :
 BNA_F
 ClientSampleId :

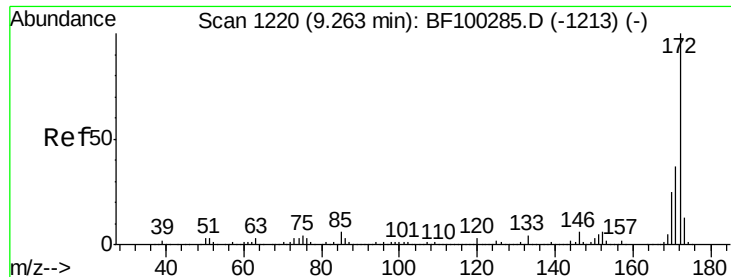
Tot Ion:164 Resp: 189966
 Ion Ratio Lower Upper
 164 100
 162 101.9 86.1 129.1
 160 47.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 112.23 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100529.D
 Acq: 14 Nov 2017 7:13

Tgt Ion:330 Resp: 217253
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 29.8 29.9 44.9#



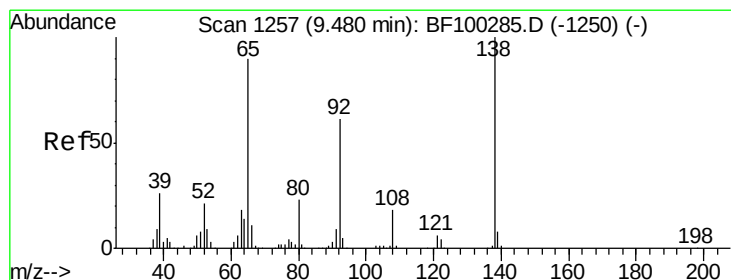
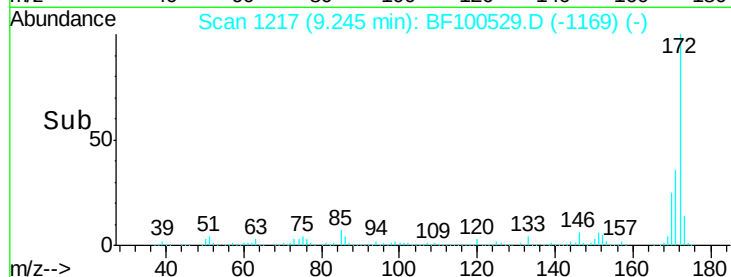
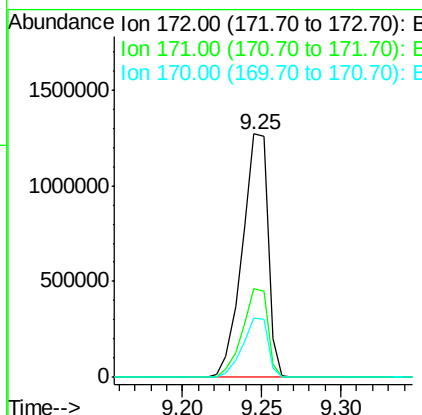
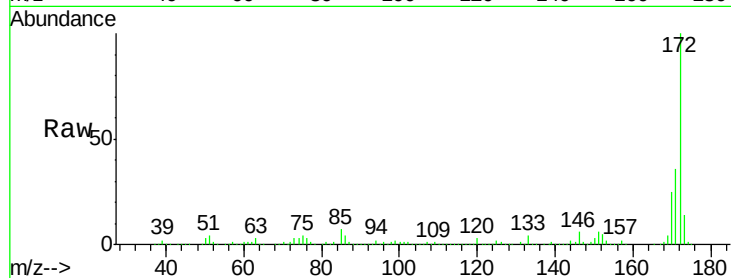


#44
 2-Fluorobiphenyl
 Concen: 114.05 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.02 min
 Lab File: BF100529.D
 Acq: 14 Nov 2017 7:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1422859

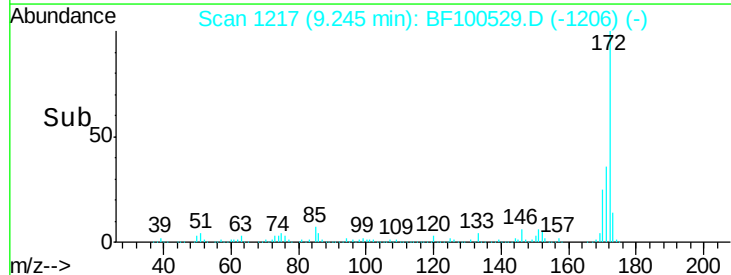
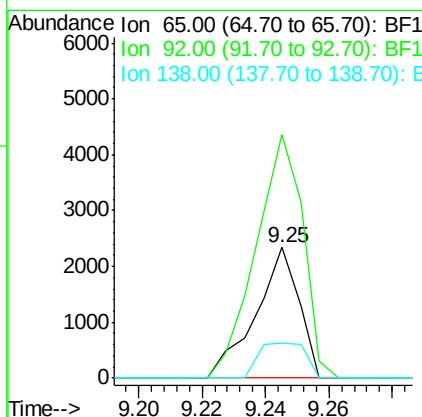
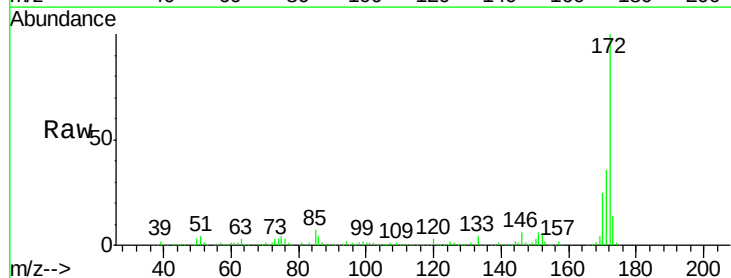
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4

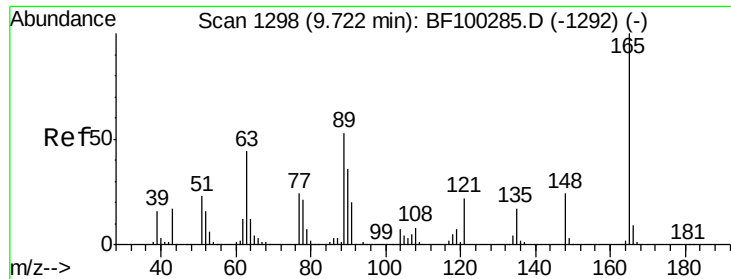


#47
 2-Nitroaniline
 Concen: 3.38 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.24 min
 Lab File: BF100529.D
 Acq: 14 Nov 2017 7:13

Tgt Ion: 65 Resp: 2212

Ion	Ratio	Lower	Upper
65	100		
92	186.4	55.8	83.6#
138	26.9	91.2	136.8#

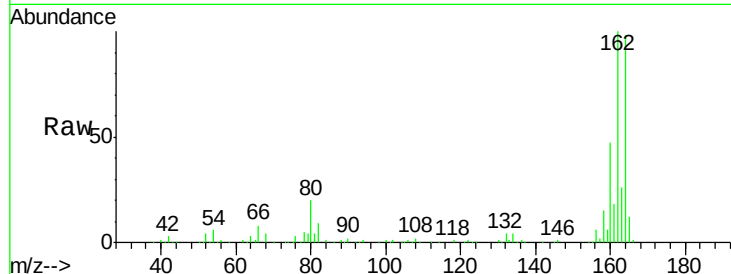




#50
2,6-Dinitrotoluene
Concen: 8.51 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.21 min
Lab File: BF100529.D
Acq: 14 Nov 2017 7:13

Instrument :
BNA_F
ClientSampleId :

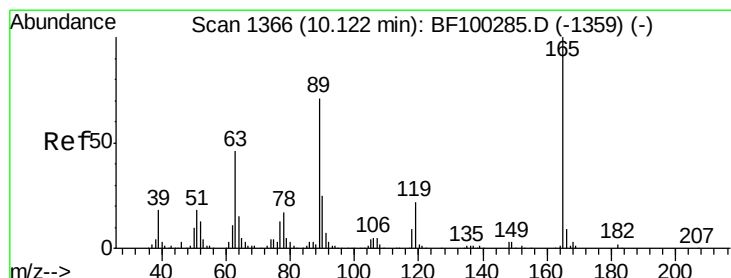
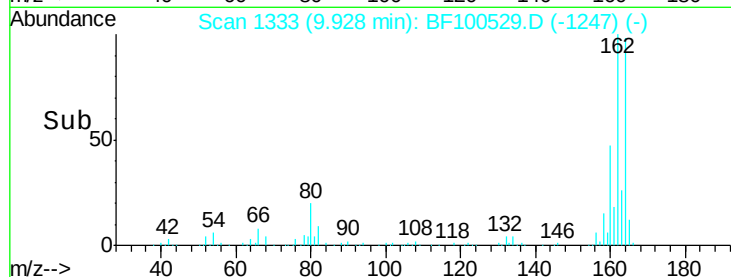
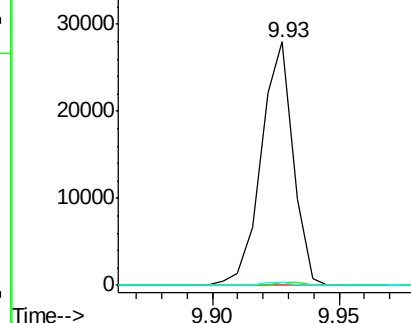
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.4	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

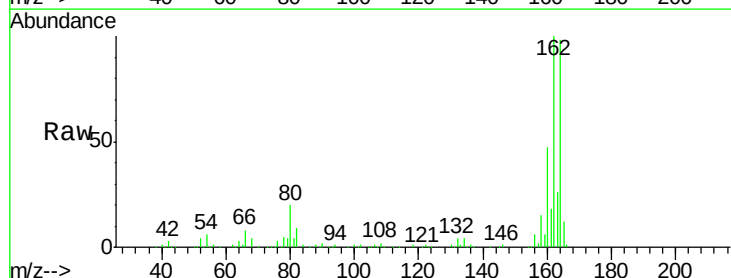
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
2,4-Dinitrotoluene
Concen: 6.75 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF100529.D
Acq: 14 Nov 2017 7:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

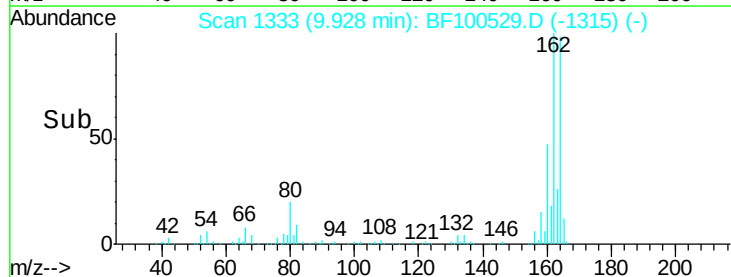
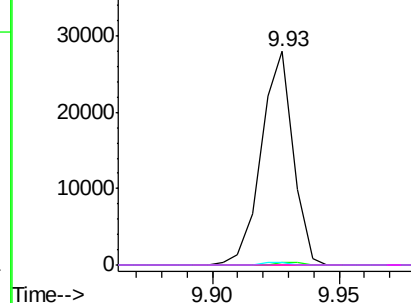


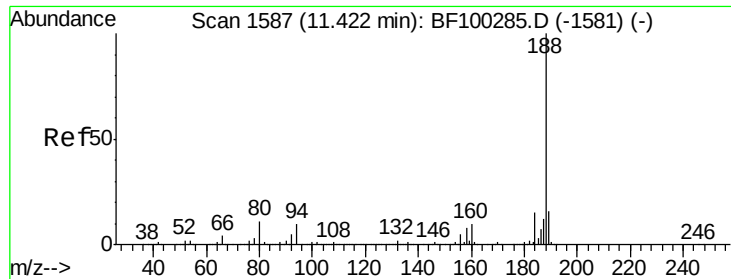
Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.01 min

Lab File: BF100529.D

Acq: 14 Nov 2017 7:13

Instrument :

BNA_F

ClientSampled :

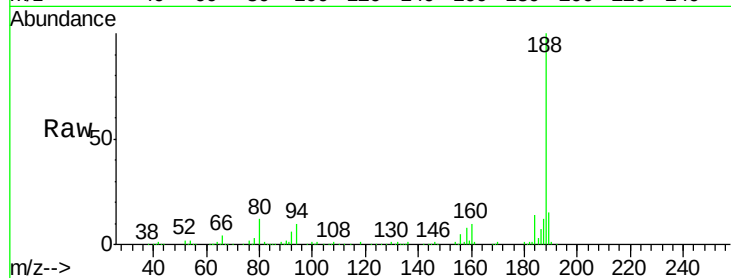
Tot Ion:188 Resp: 290417

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

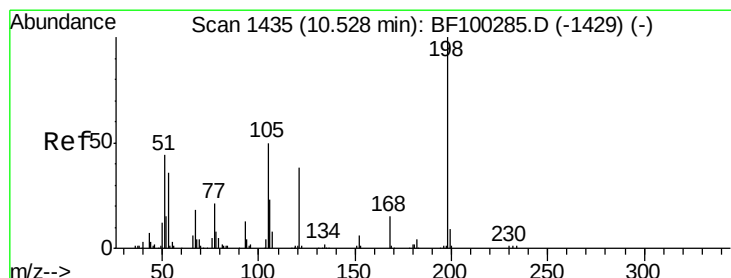
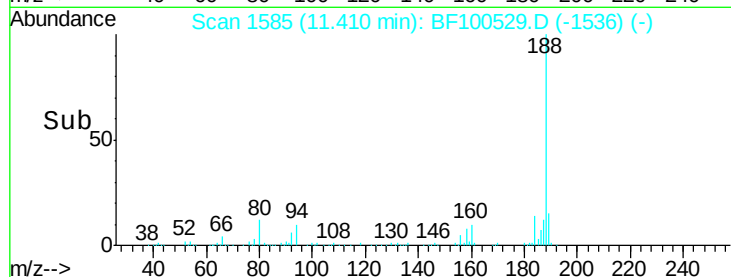
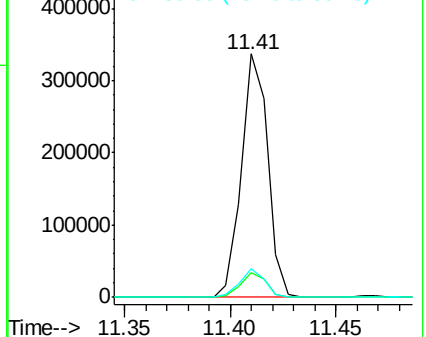
80 11.8 9.2 13.8



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: 8.78 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.19 min

Lab File: BF100529.D

Acq: 14 Nov 2017 7:13

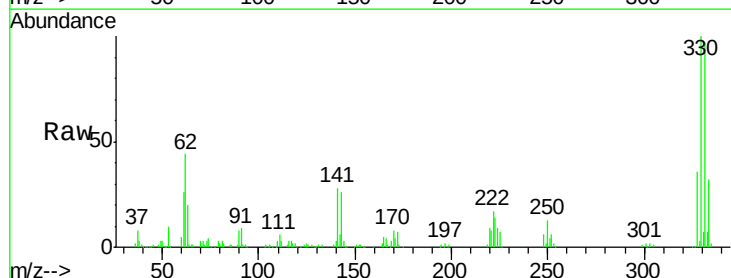
Tgt Ion:198 Resp: 372

Ion Ratio Lower Upper

198 100

51 141.3 37.7 77.7#

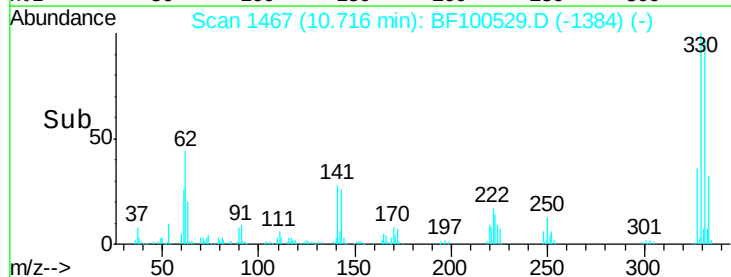
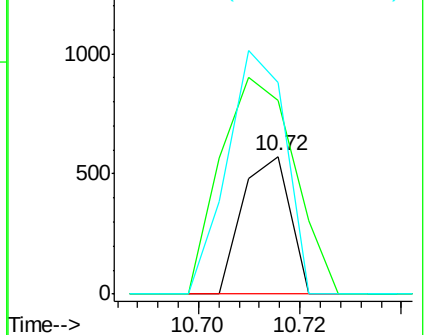
105 154.4 36.3 76.3#

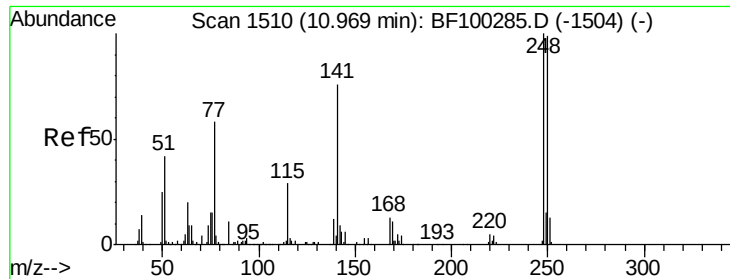


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

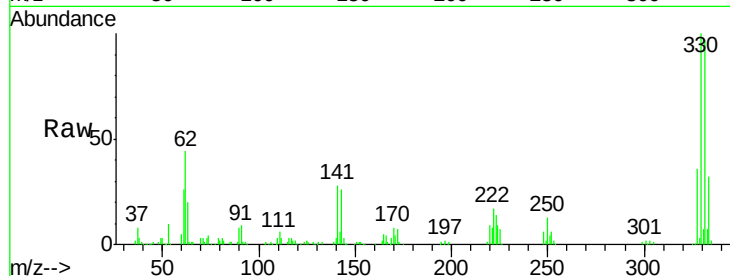




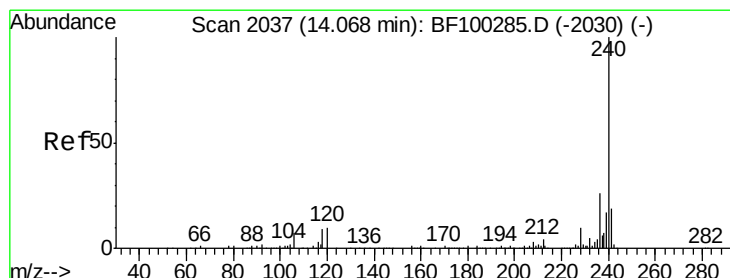
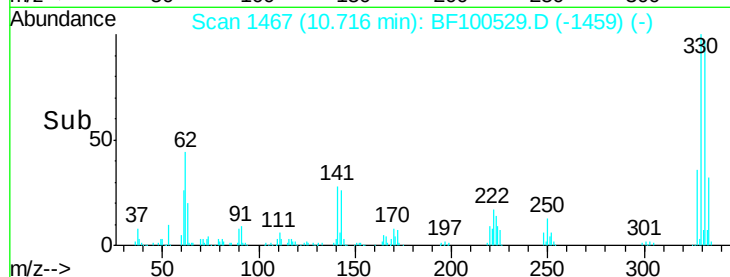
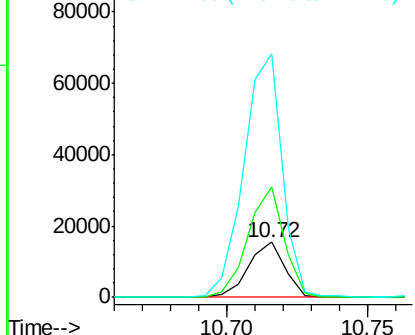
#66
 4-Bromophenyl-phenylether
 Concen: 4.38 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF100529.D
 Acq: 14 Nov 2017 7:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13628
 Ion Ratio Lower Upper
 248 100
 250 201.1 76.9 115.3#
 141 444.0 74.4 111.6#

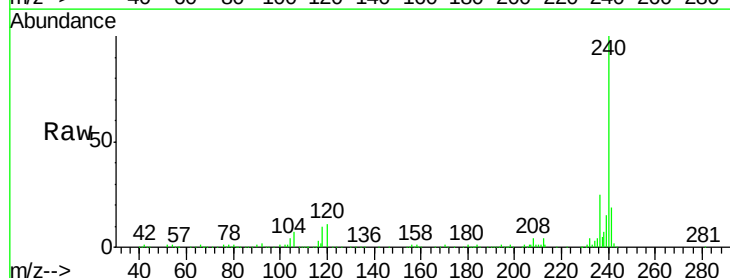


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

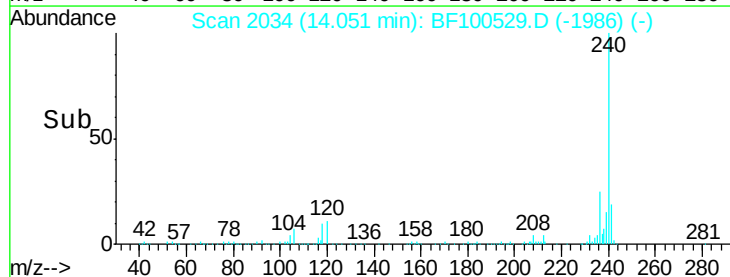
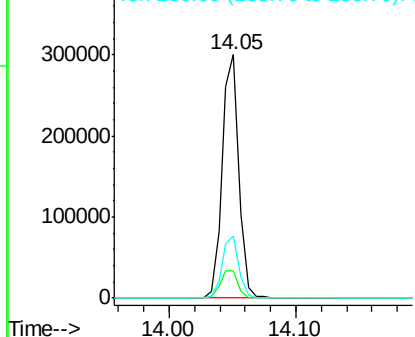


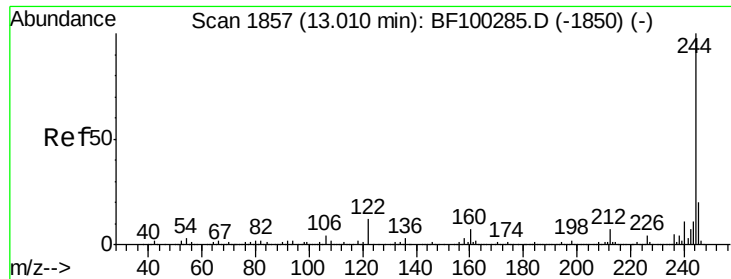
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF100529.D
 Acq: 14 Nov 2017 7:13

Tgt Ion:240 Resp: 274815
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.5 14.3
 236 25.3 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: 86.96 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF100529.D

Acq: 14 Nov 2017 7:13

Instrument :

BNA_F

ClientSampleId :

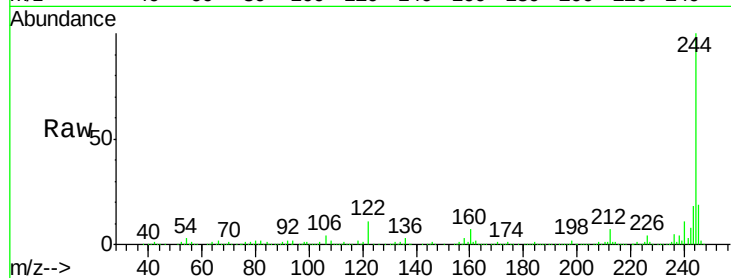
Tot Ion:244 Resp: 1040099

Ion Ratio Lower Upper

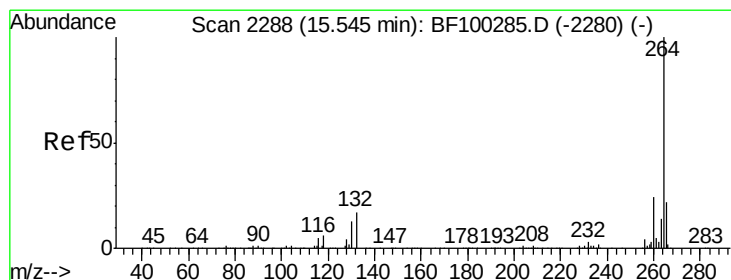
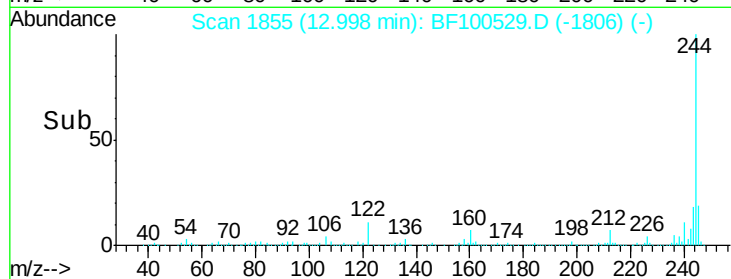
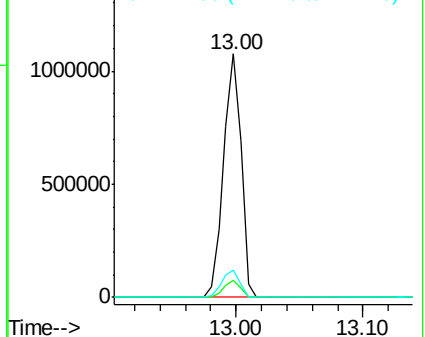
244 100

212 7.1 5.4 8.0

122 11.2 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# 2285

Delta R.T. -0.02 min

Lab File: BF100529.D

Acq: 14 Nov 2017 7:13

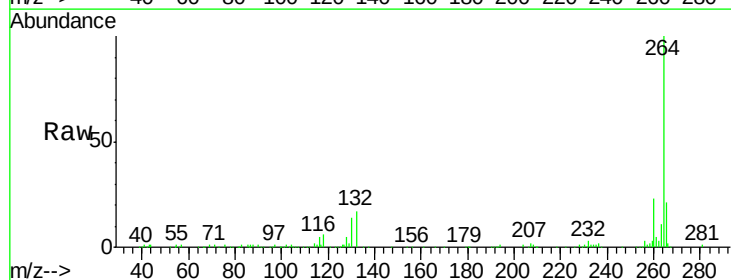
Tgt Ion:264 Resp: 206940

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.9 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

