

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100952.D
 Acq On : 29 Nov 2017 00:22
 Operator : SJ/JU
 Sample : PB104562BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 04:46:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

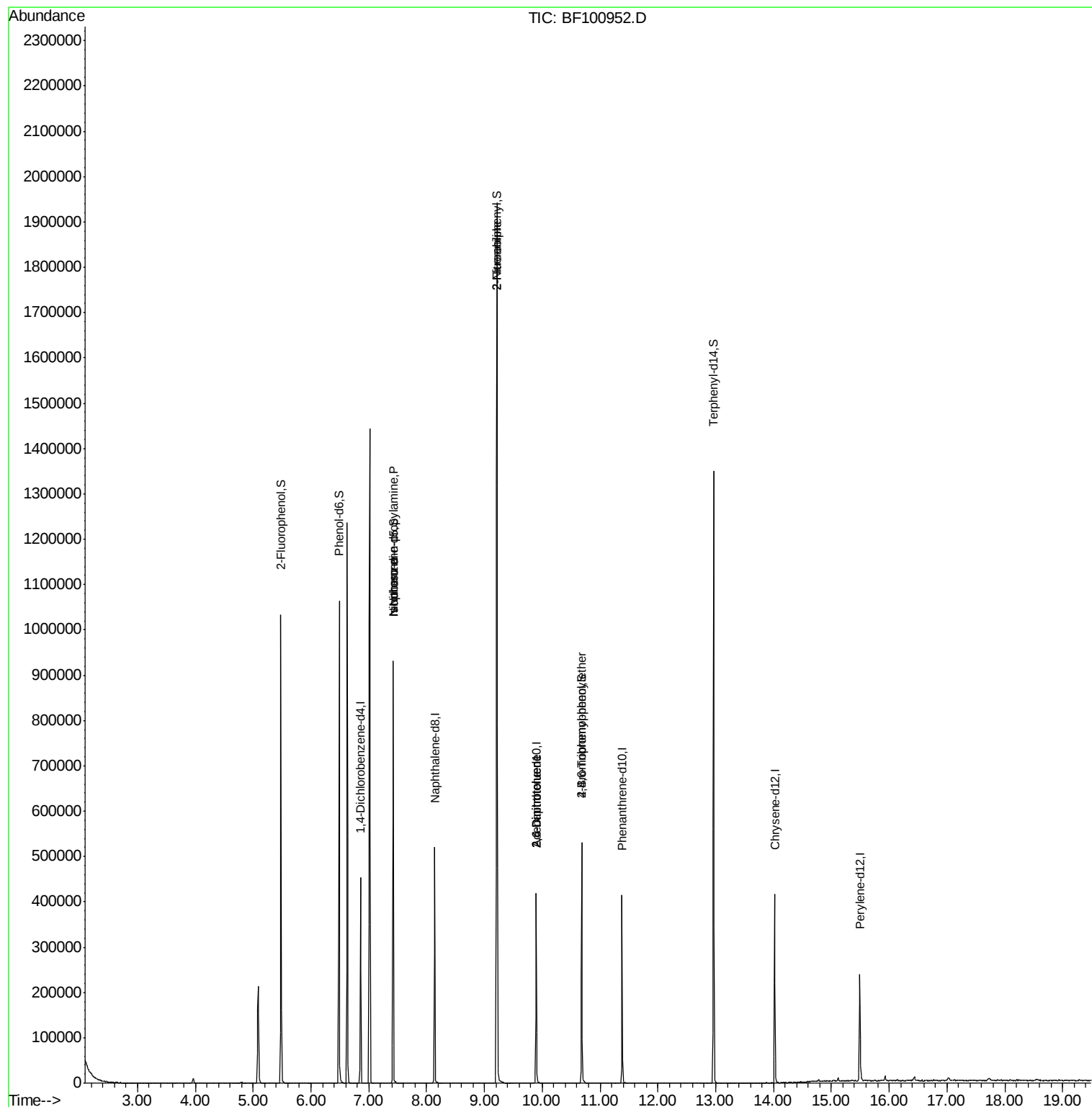
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	60456	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	223512	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	92332	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	148233	20.00	ng	0.00
75) Chrysene-d12	14.02	240	142730	20.00	ng	0.00
86) Perylene-d12	15.49	264	118372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	292839	77.65	ng	0.00
7) Phenol-d6	6.49	99	340129	73.13	ng	0.00
23) Nitrobenzene-d5	7.42	82	311322	92.09	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	67201	71.42	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	630745	104.02	ng	0.00
78) Terphenyl-d14	12.97	244	458238	73.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	40495	12.555	ng	# 80
25) Isophorone	7.42	82	311317	43.821	ng	# 64
47) 2-Nitroaniline	9.22	65	882	3.269	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	11631	8.335	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	11631	6.607	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	3579	2.252	ng	# 1

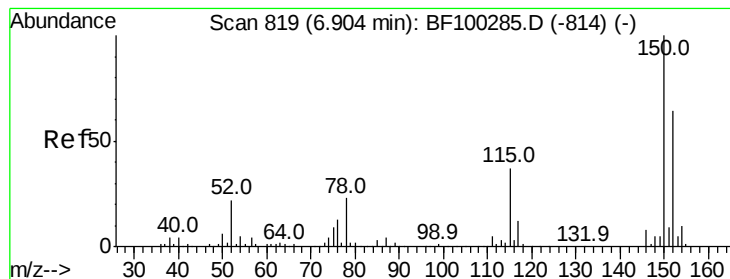
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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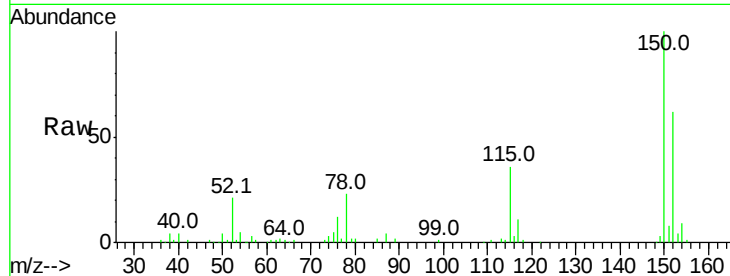


#1

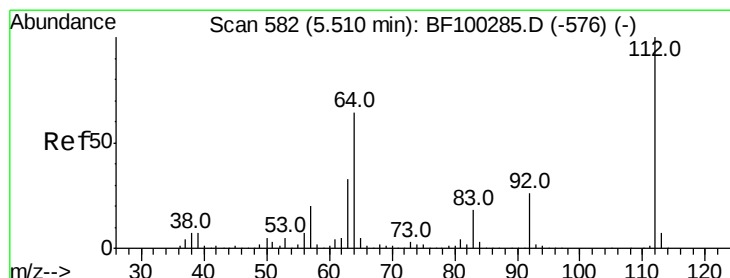
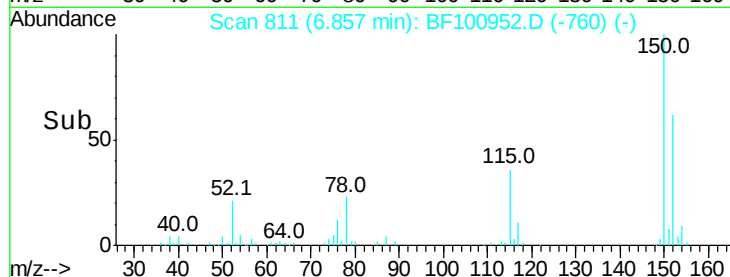
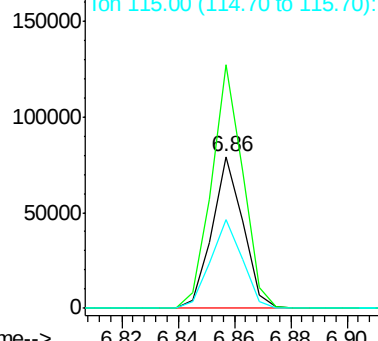
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60456
Ion Ratio Lower Upper
152 100
150 160.4 124.6 186.8
115 58.5 50.1 75.1



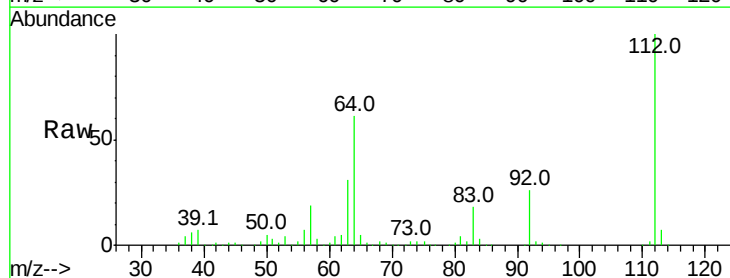
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



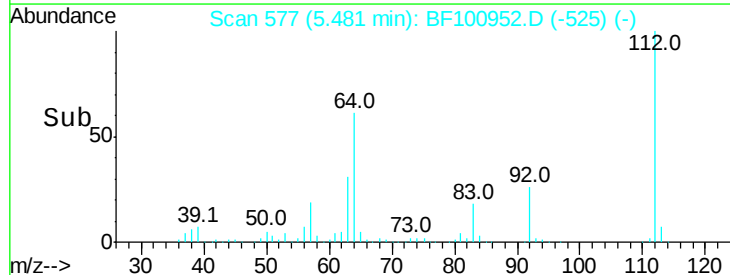
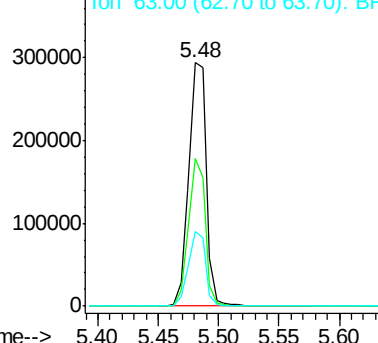
#5

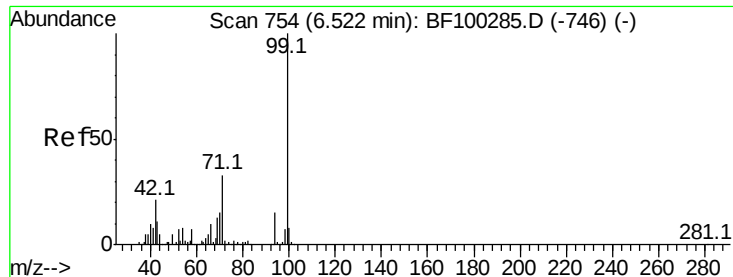
2-Fluorophenol
Concen: 77.646 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Tgt Ion:112 Resp: 292839
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 30.6 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: 73.135 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF100952.D

Acq: 29 Nov 2017 00:22

Instrument :

BNA_F

ClientSampled :

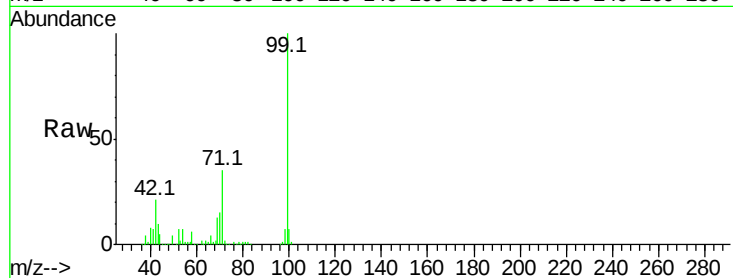
Tot Ion: 99 Resp: 340129

Ion Ratio Lower Upper

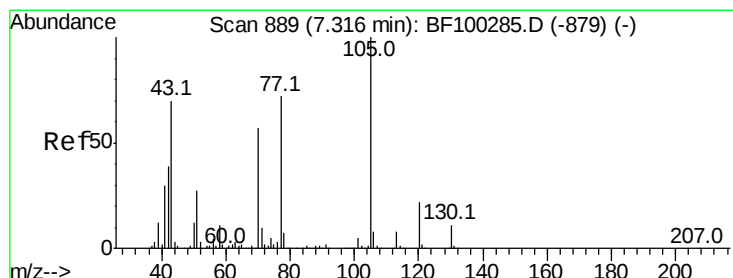
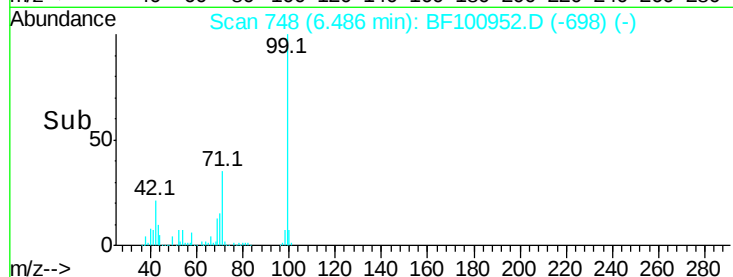
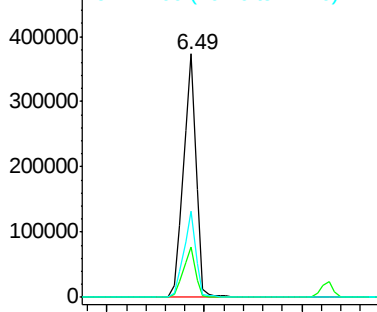
99 100

42 20.6 14.5 21.7

71 35.3 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: 12.555 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF100952.D

Acq: 29 Nov 2017 00:22

Tgt Ion: 70 Resp: 40495

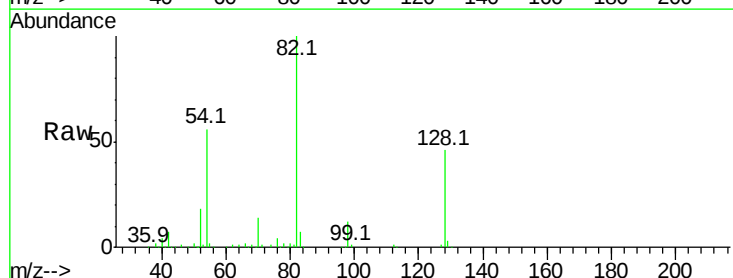
Ion Ratio Lower Upper

70 100

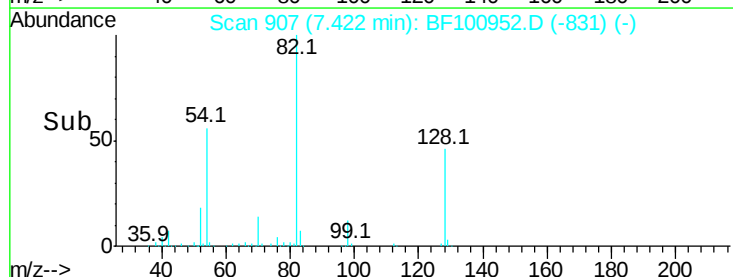
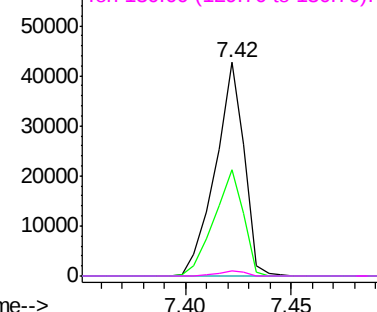
42 49.8 47.5 71.3

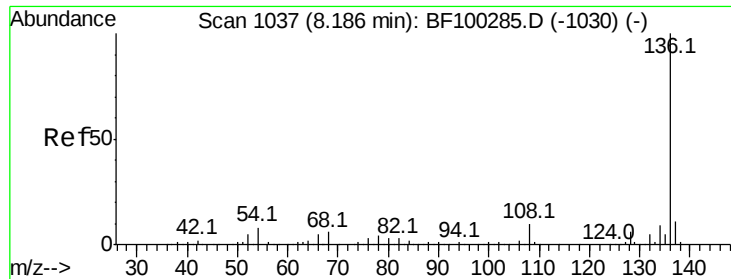
101 0.0 7.4 11.2#

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

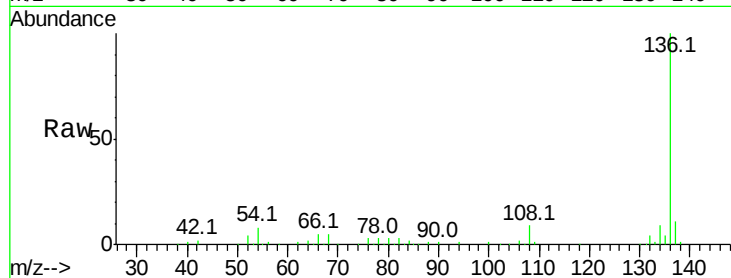




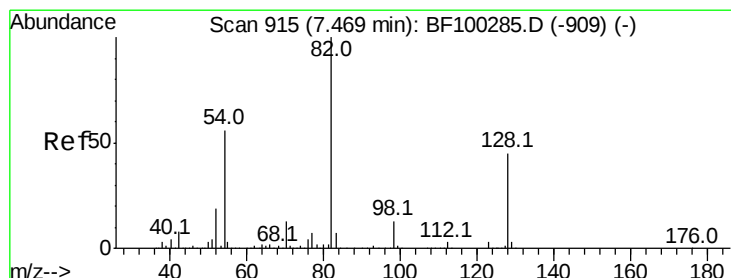
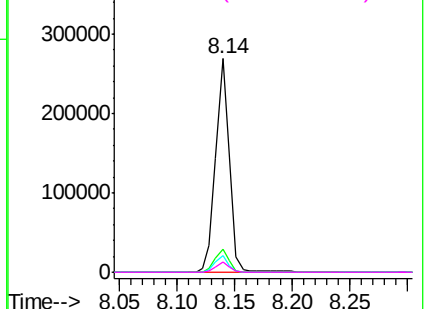
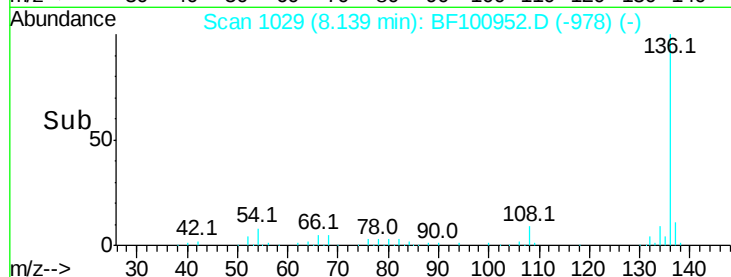
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	223512
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	6.6	9.8
68	4.9	5.0	7.4#

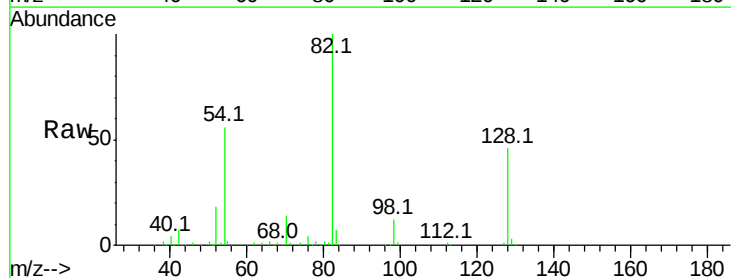


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

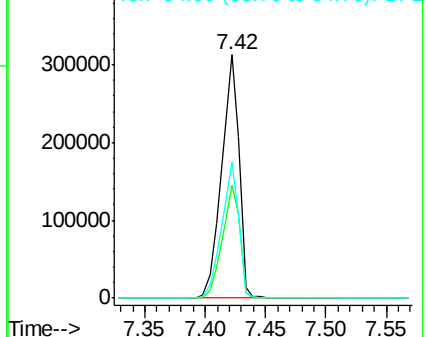
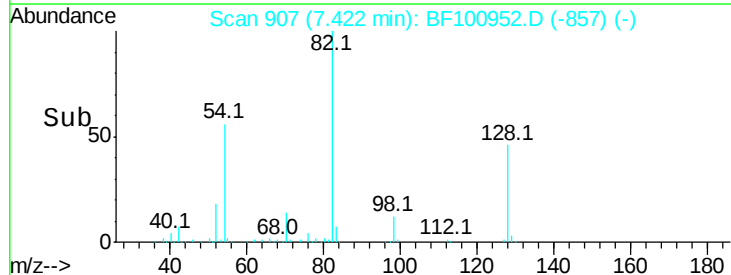


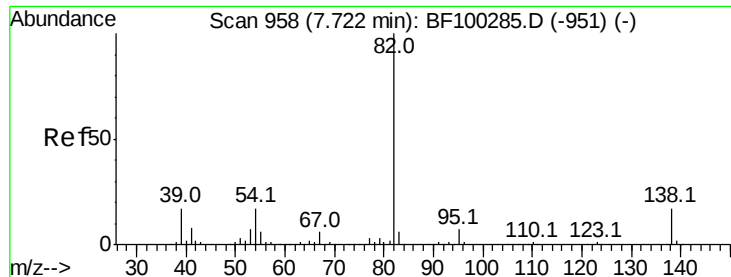
#23
Nitrobenzene-d5
Concen: 92.087 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Tgt Ion:	82	Resp:	311322
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	55.7	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: 43.821 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF100952.D

Acq: 29 Nov 2017 00:22

Instrument :

BNA_F

ClientSampleId :

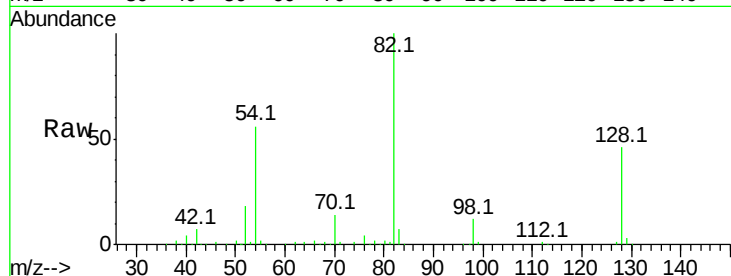
Tot Ion: 82 Resp: 311317

Ion Ratio Lower Upper

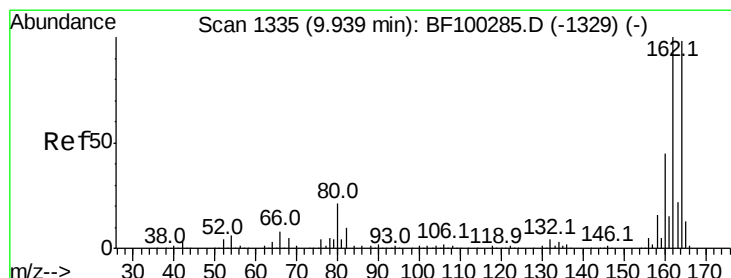
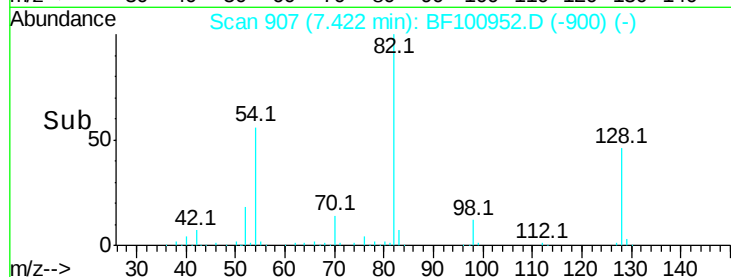
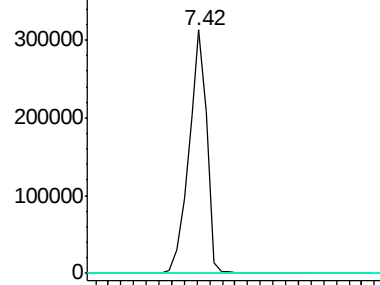
82 100

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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF100952.D

Acq: 29 Nov 2017 00:22

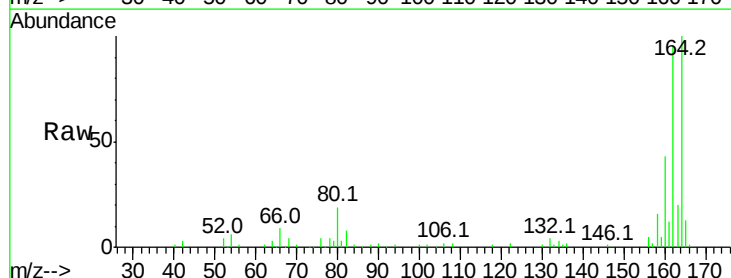
Tgt Ion:164 Resp: 92332

Ion Ratio Lower Upper

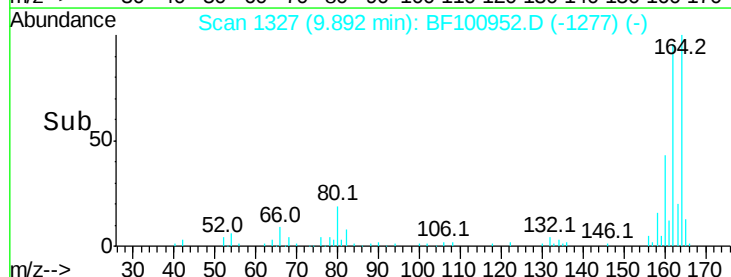
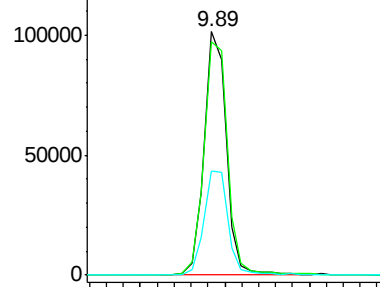
164 100

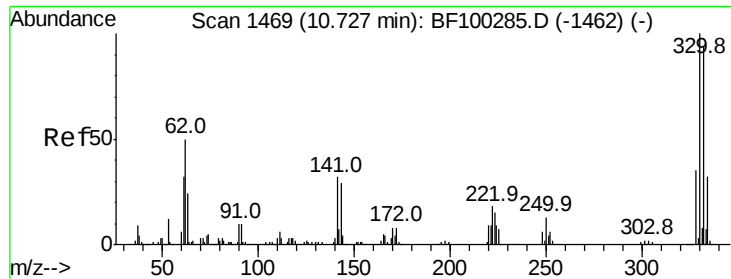
162 95.9 86.1 129.1

160 42.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

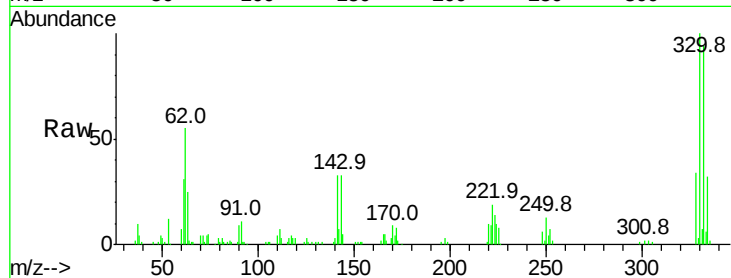




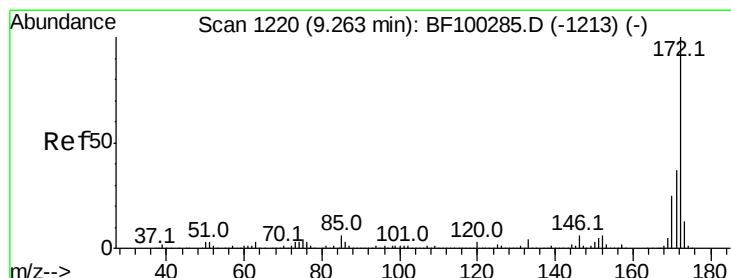
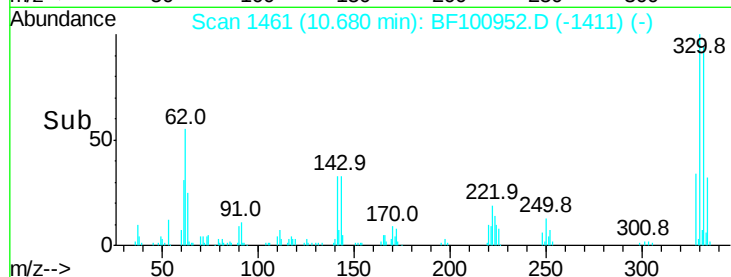
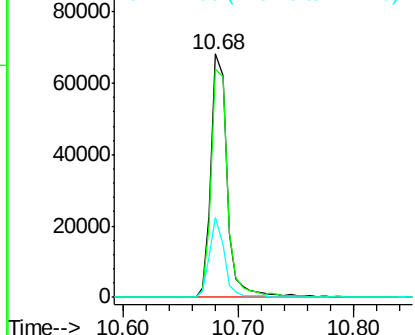
#41
 2,4,6-Tribromophenol
 Concen: 71.425 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100952.D
 Acq: 29 Nov 2017 00:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 67201
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 30.0 29.9 44.9

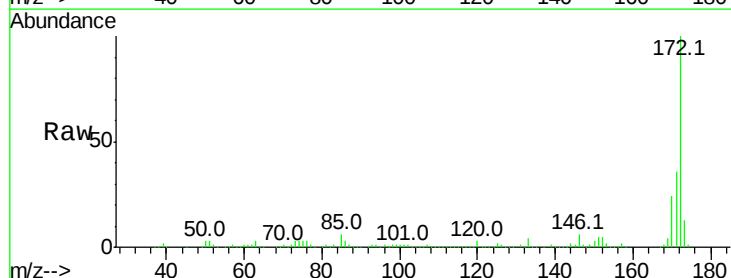


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

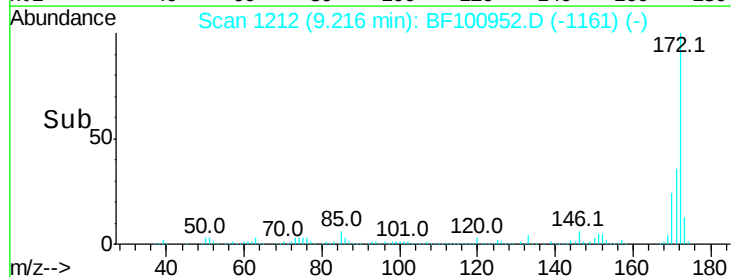
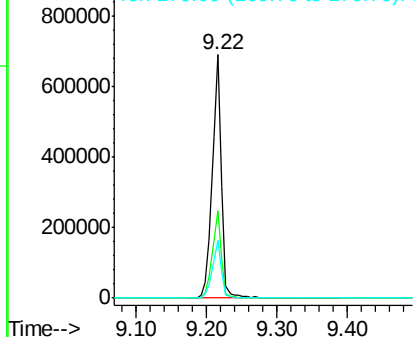


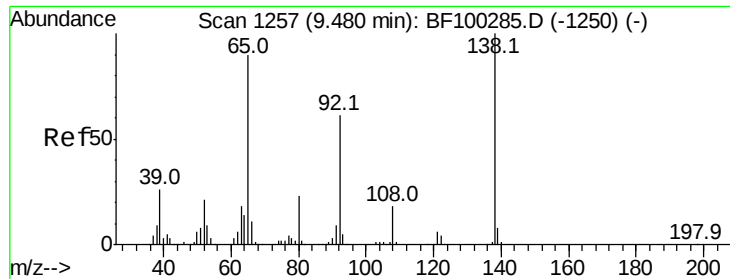
#44
 2-Fluorobiphenyl
 Concen: 104.021 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF100952.D
 Acq: 29 Nov 2017 00:22

Tgt Ion:172 Resp: 630745
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.8 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

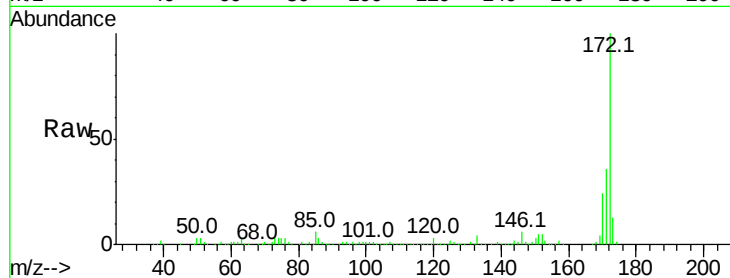




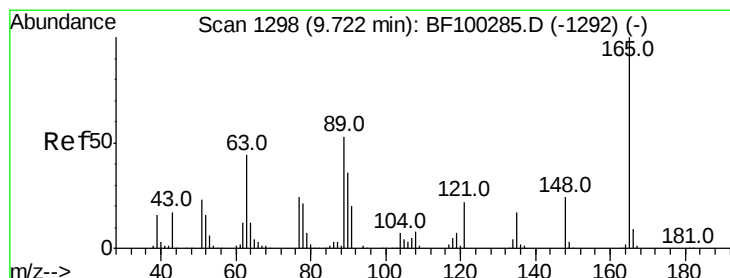
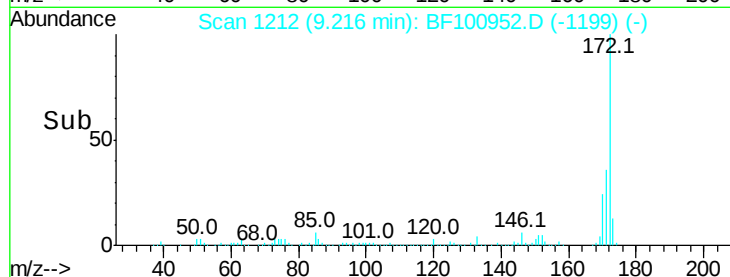
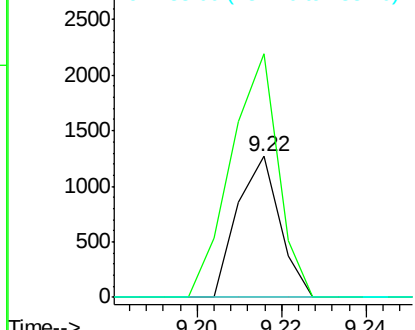
#47
2-Nitroaniline
Concen: 3.269 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.22 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 882
Ion Ratio Lower Upper
65 100
92 173.0 55.8 83.6#
138 0.0 91.2 136.8#

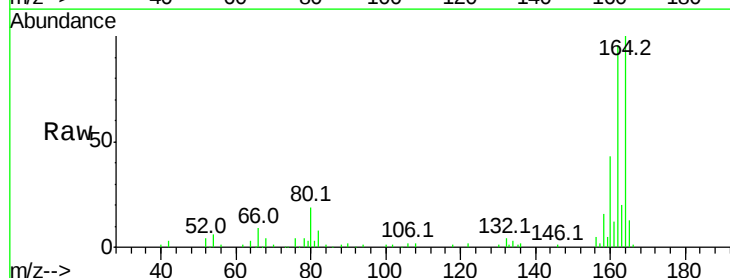


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

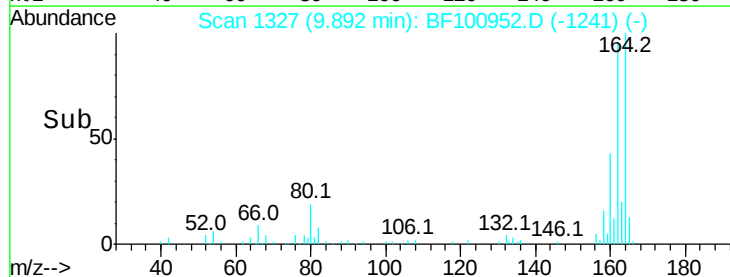
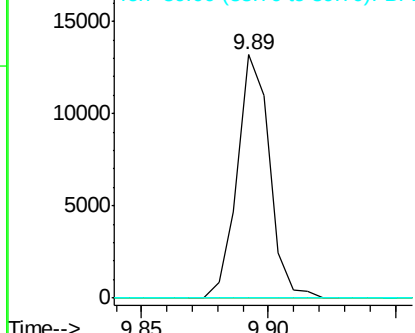


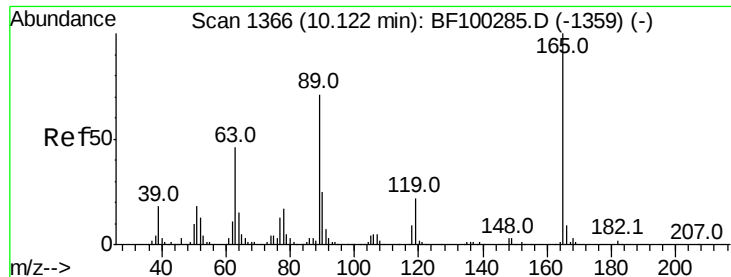
#50
2,6-Dinitrotoluene
Concen: 8.335 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Tgt Ion:165 Resp: 11631
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 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

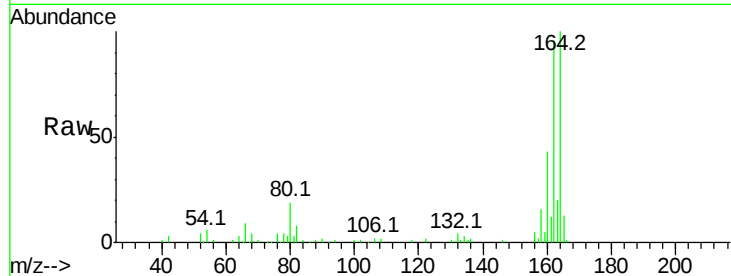




#56
2,4-Dinitrotoluene
Concen: 6.607 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

Instrument :
BNA_F
ClientSampleId :

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

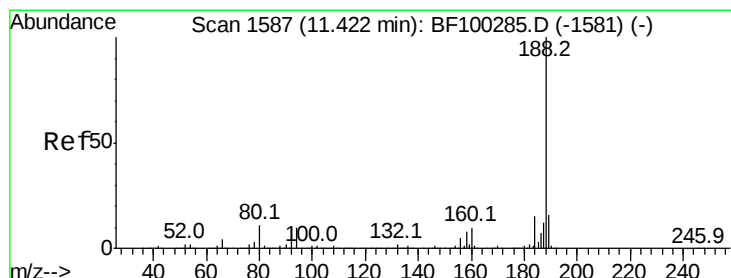
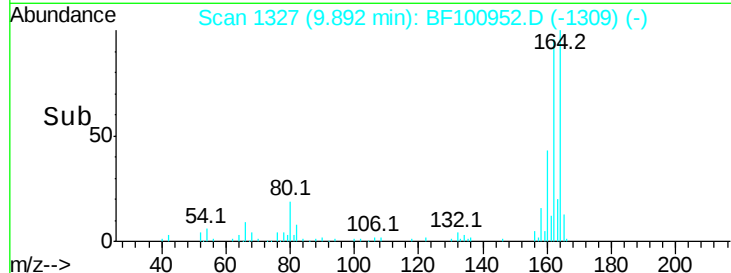
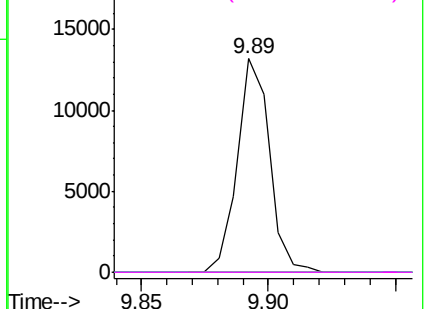


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

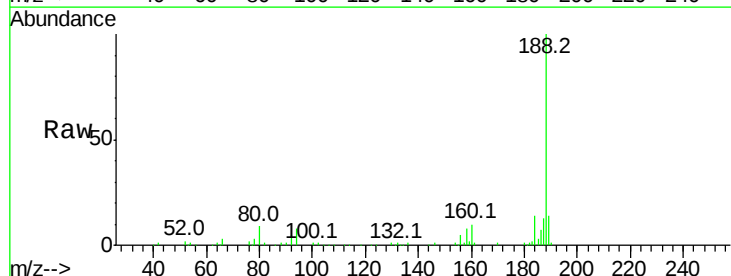
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100952.D
Acq: 29 Nov 2017 00:22

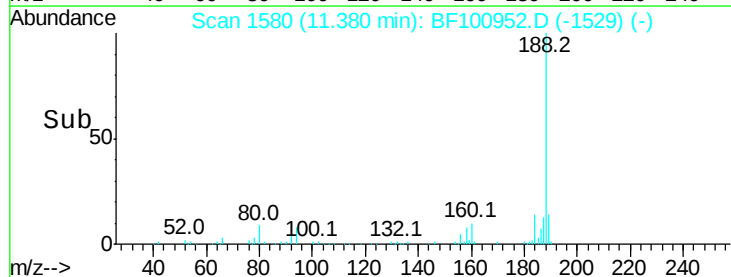
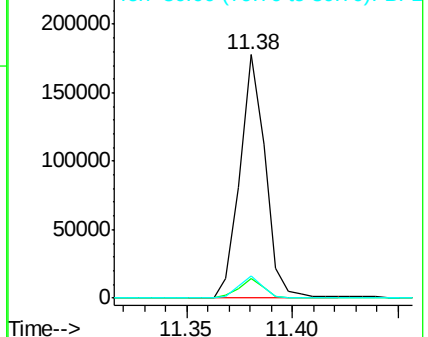
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.9	9.2	13.8#

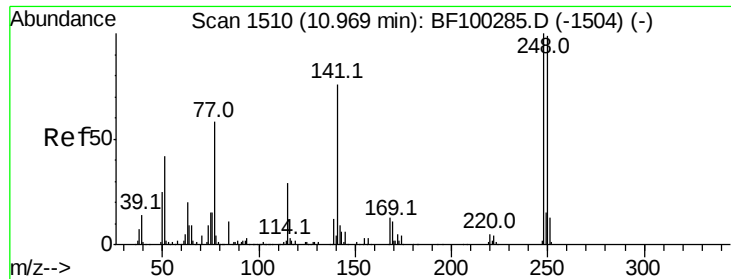


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

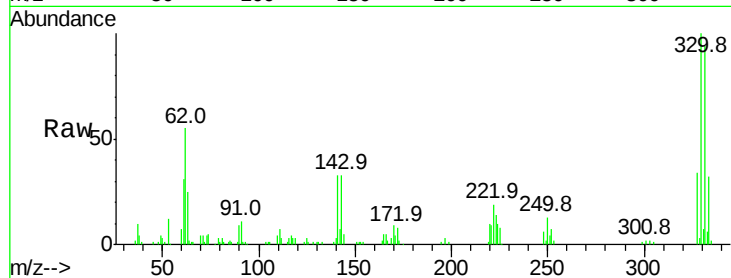




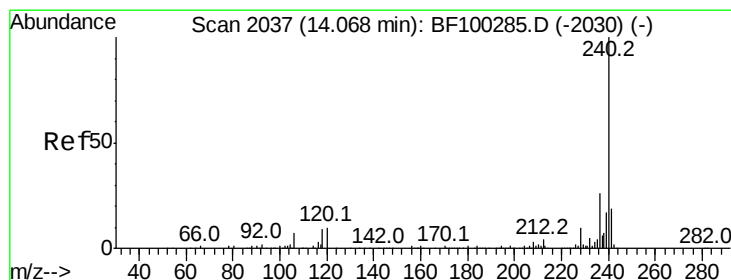
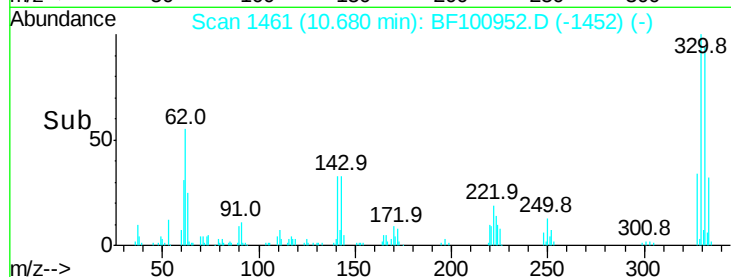
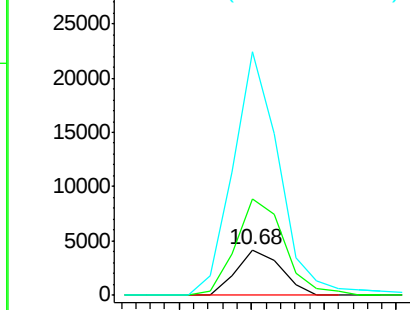
#66
 4-Bromophenyl-phenylether
 Concen: 2.252 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF100952.D
 Acq: 29 Nov 2017 00:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 3579
 Ion Ratio Lower Upper
 248 100
 250 210.6 76.9 115.3#
 141 532.6 74.4 111.6#

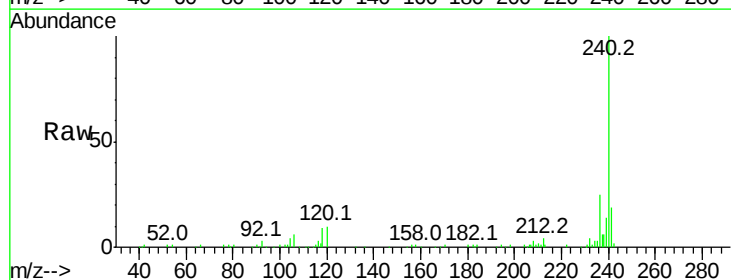


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

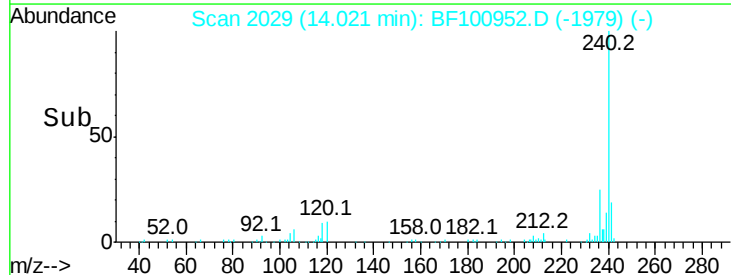
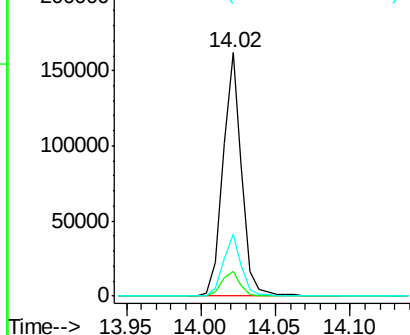


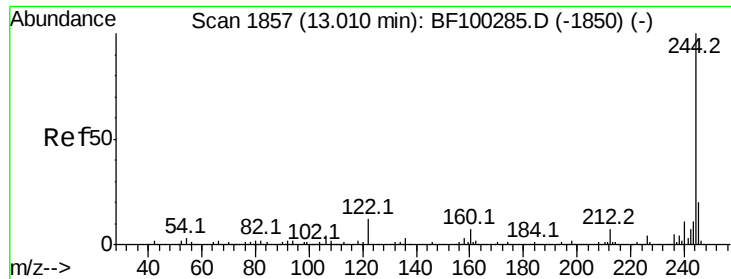
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF100952.D
 Acq: 29 Nov 2017 00:22

Tgt Ion:240 Resp: 142730
 Ion Ratio Lower Upper
 240 100
 120 10.2 9.5 14.3
 236 25.2 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: 73.768 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF100952.D

Acq: 29 Nov 2017 00:22

Instrument :

BNA_F

ClientSampleId :

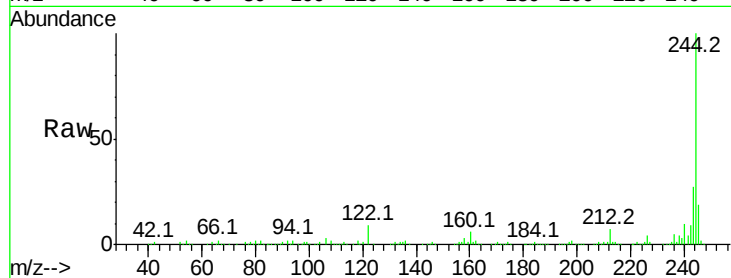
Tot Ion:244 Resp: 458238

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

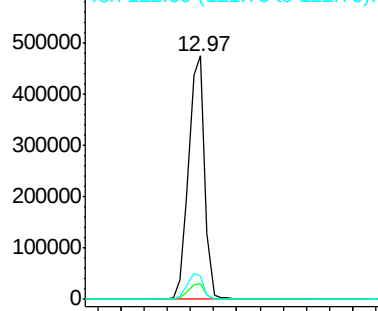
122 9.4 11.0 16.4#



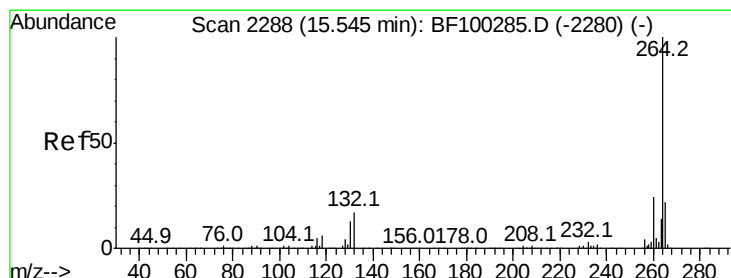
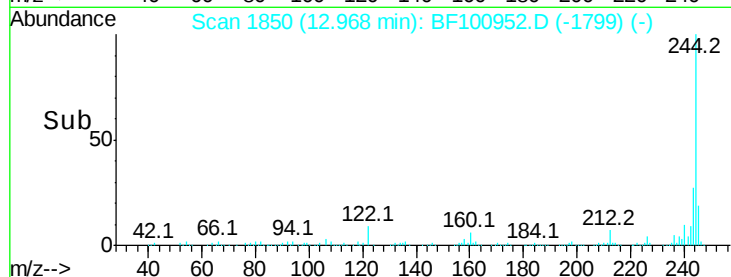
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BF100952.D

Acq: 29 Nov 2017 00:22

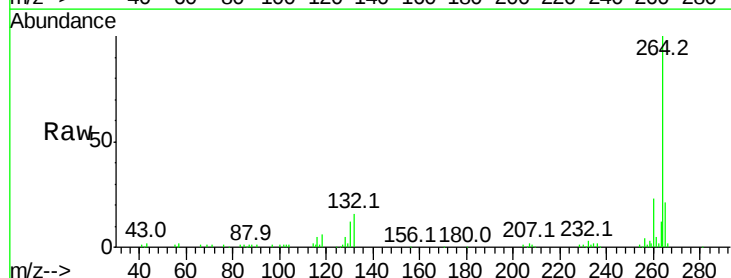
Tgt Ion:264 Resp: 118372

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

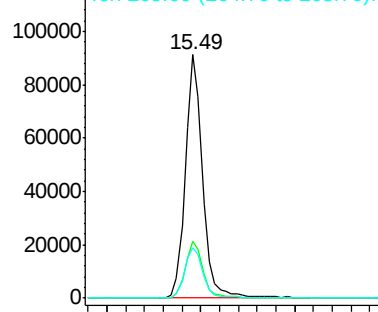
265 20.6 17.5 26.3



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



Time-->

