

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100959.D
 Acq On : 29 Nov 2017 3:30
 Operator : SJ/JU
 Sample : I6603-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 04:49:17 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

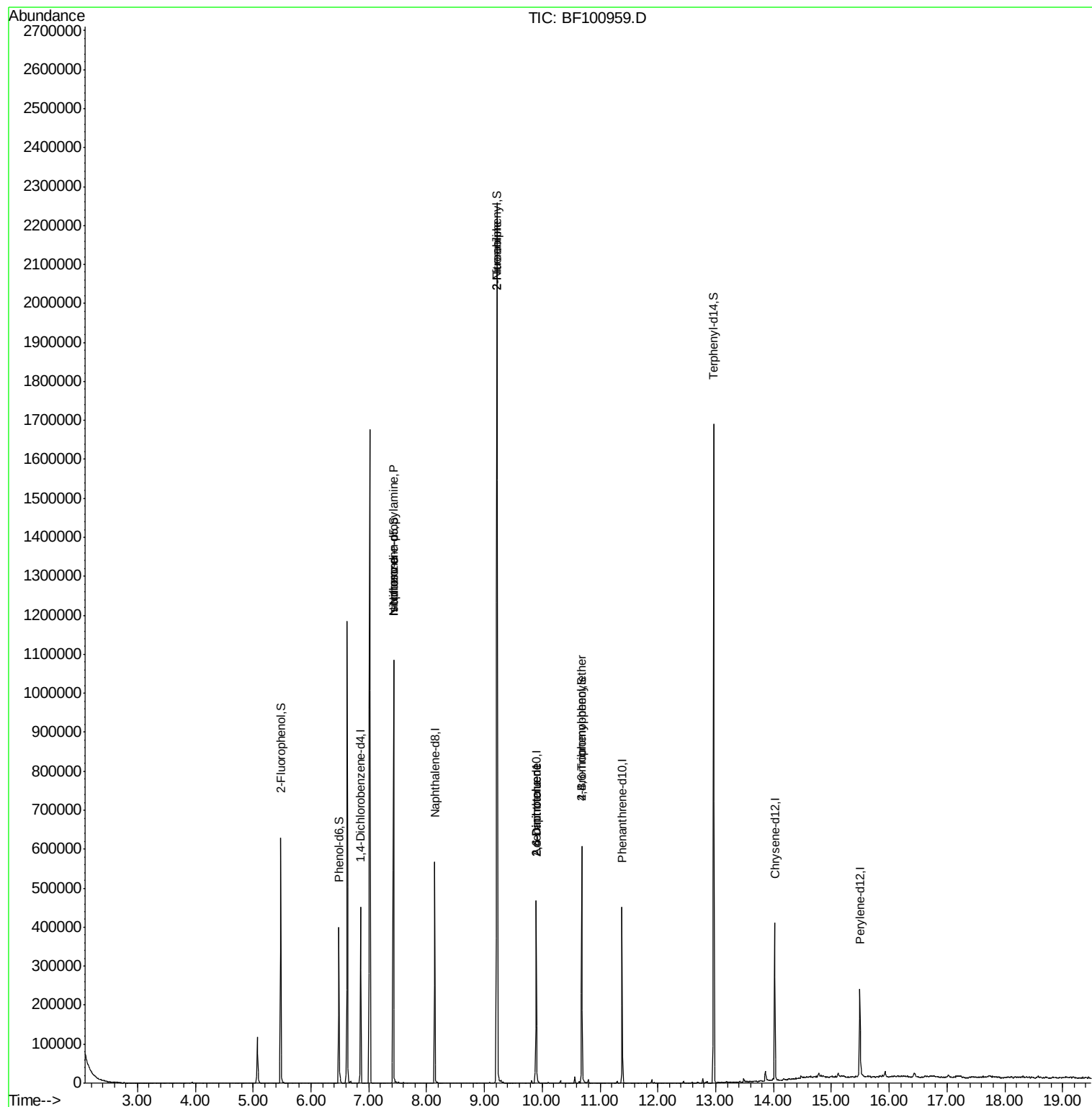
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	62673	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	232835	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	98238	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	162387	20.00	ng	0.00
75) Chrysene-d12	14.02	240	141357	20.00	ng	0.00
86) Perylene-d12	15.49	264	110219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	159418	40.77	ng	0.00
7) Phenol-d6	6.48	99	114868	23.83	ng	-0.01
23) Nitrobenzene-d5	7.43	82	368565	104.65	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	87002	86.91	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	744243	115.36	ng	0.00
78) Terphenyl-d14	12.97	244	526886	85.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	48984	14.650	ng	# 82
25) Isophorone	7.43	82	368559	49.801	ng	# 64
47) 2-Nitroaniline	9.22	65	950	3.275	ng	# 4
50) 2,6-Dinitrotoluene	9.89	165	12653	8.522	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	12653	6.755	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	5431	3.120	ng	# 1

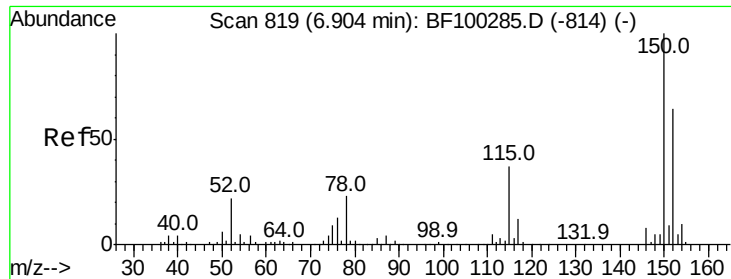
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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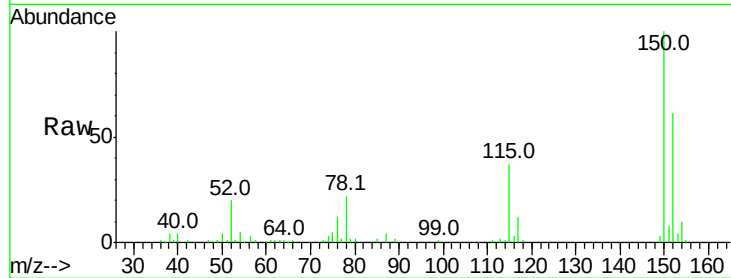


#1

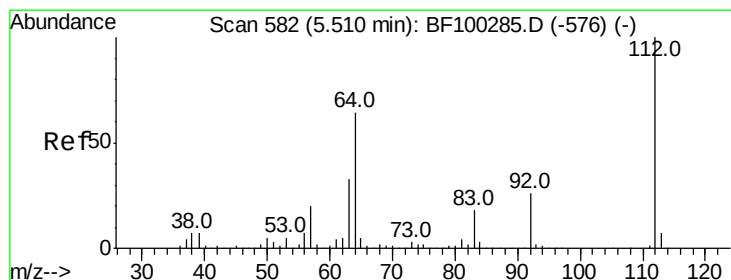
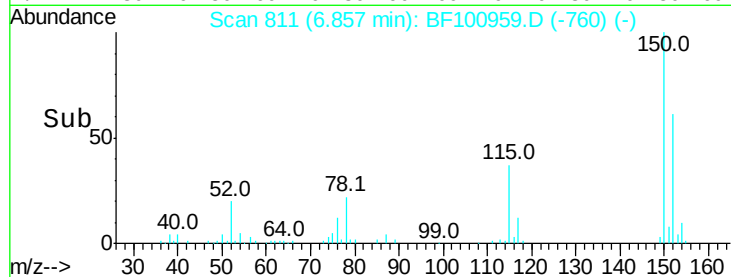
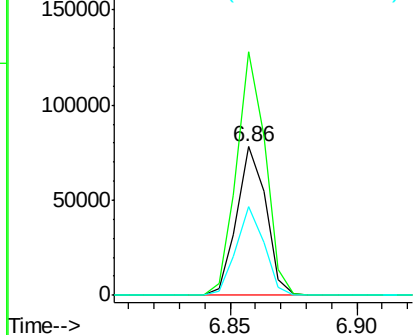
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100959.D
Acq: 29 Nov 2017 3:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62673
Ion Ratio Lower Upper
152 100
150 164.0 124.6 186.8
115 60.1 50.1 75.1



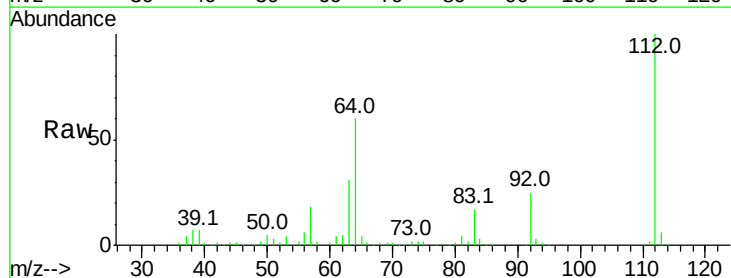
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



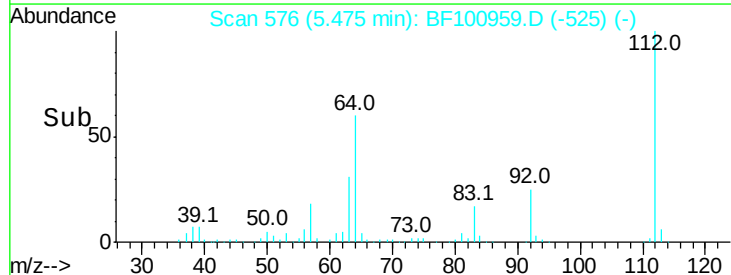
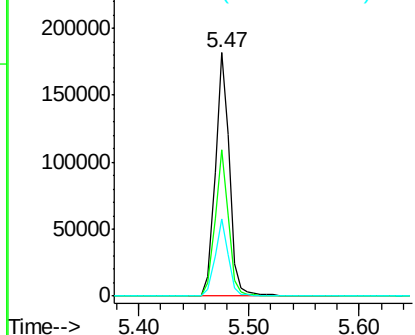
#5

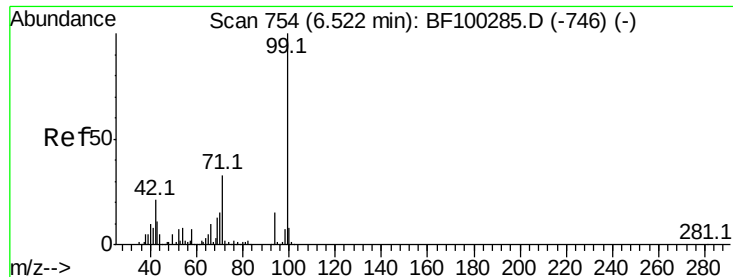
2-Fluorophenol
Concen: 40.774 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF100959.D
Acq: 29 Nov 2017 3:30

Tgt Ion:112 Resp: 159418
Ion Ratio Lower Upper
112 100
64 59.9 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: 23.825 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100959.D

Acq: 29 Nov 2017 3:30

Instrument :

BNA_F

ClientSampled :

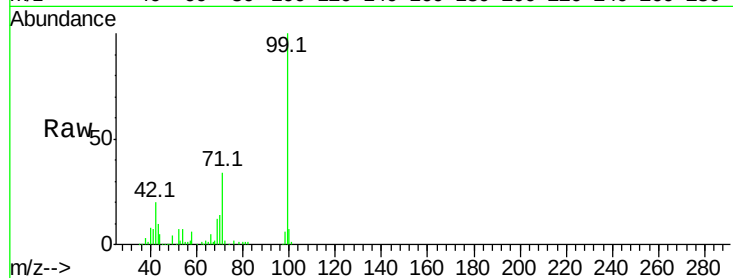
Tot Ion: 99 Resp: 114868

Ion Ratio Lower Upper

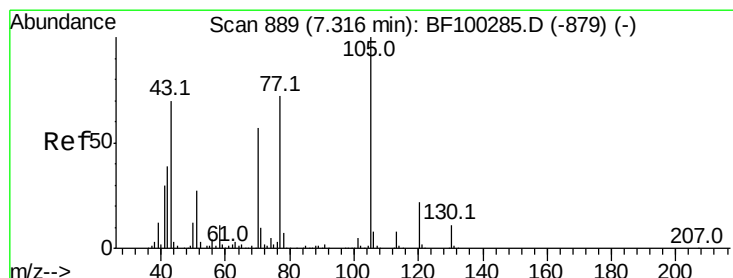
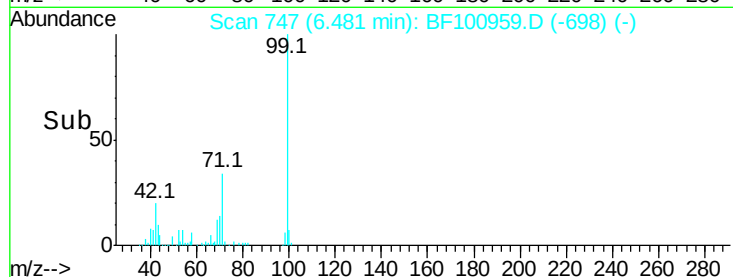
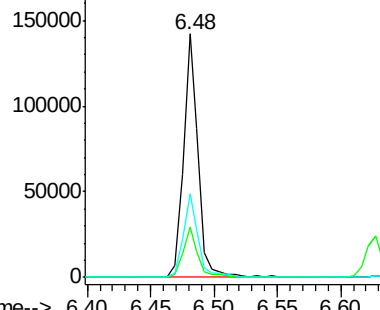
99 100

42 20.5 14.5 21.7

71 34.2 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: 14.650 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF100959.D

Acq: 29 Nov 2017 3:30

Tgt Ion: 70 Resp: 48984

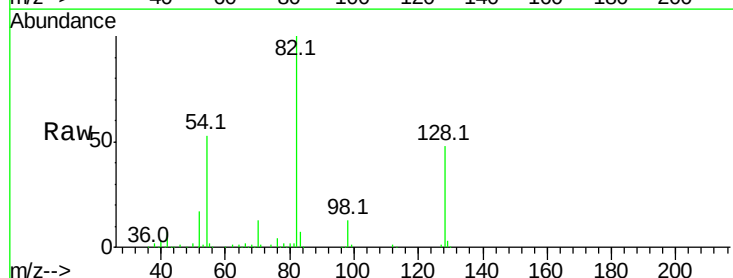
Ion Ratio Lower Upper

70 100

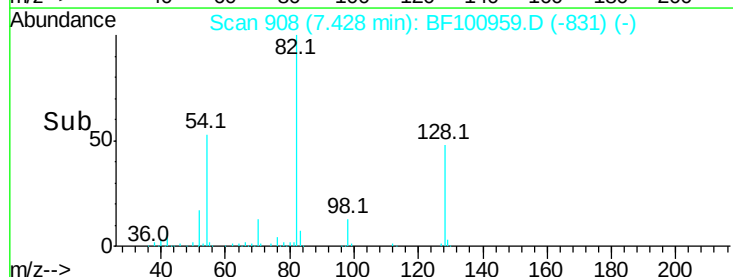
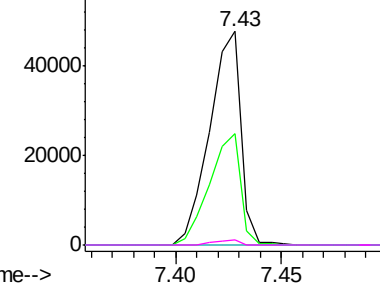
42 52.3 47.5 71.3

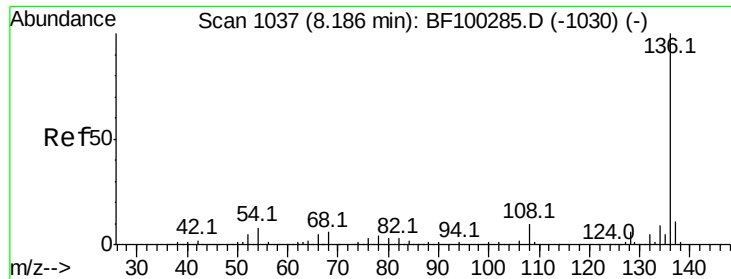
101 0.0 7.4 11.2#

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

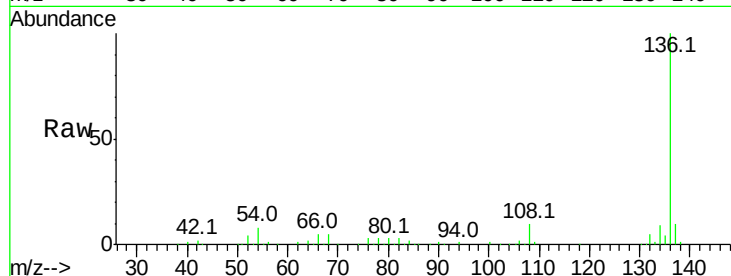




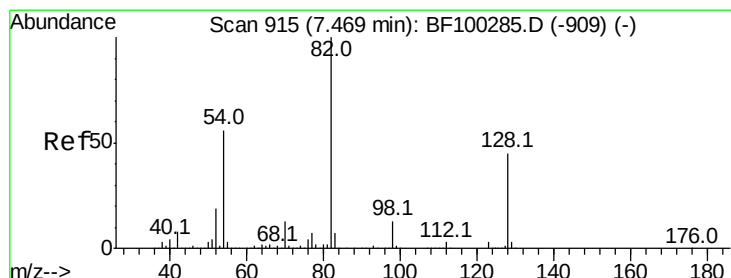
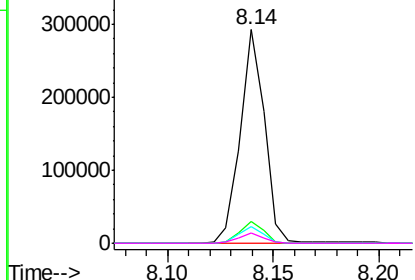
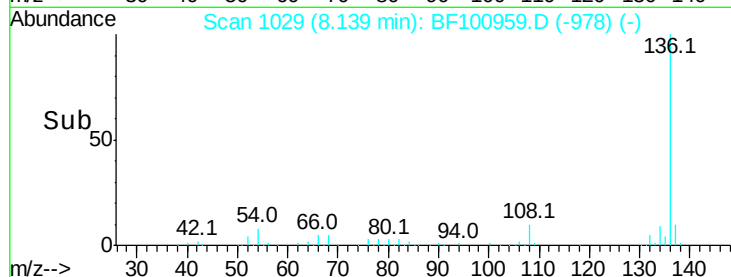
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF100959.D
Acq: 29 Nov 2017 3:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	232835
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.0	6.6	9.8
68	5.0	5.0	7.4

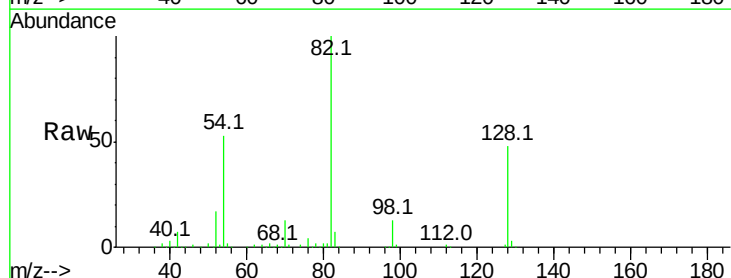


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

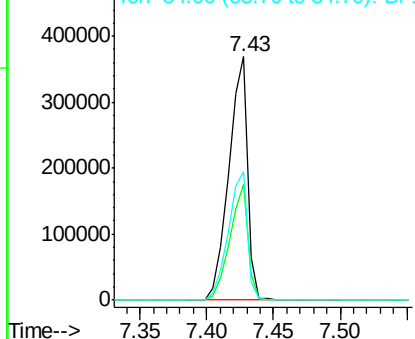
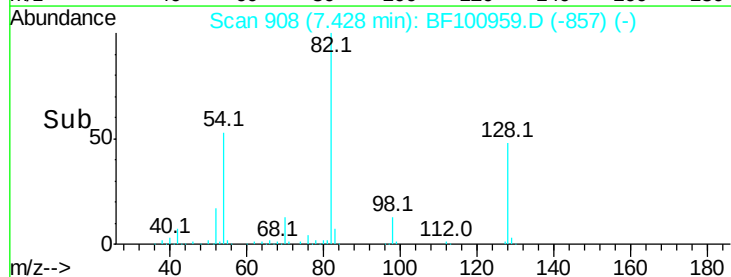


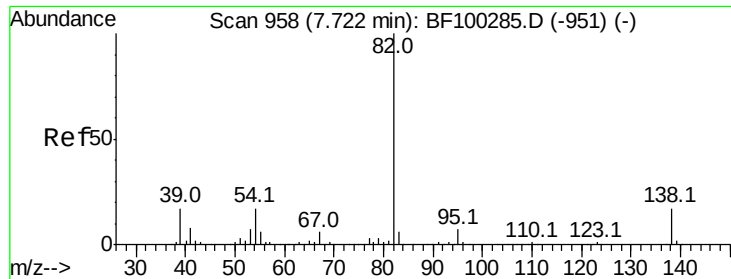
#23
Nitrobenzene-d5
Concen: 104.654 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF100959.D
Acq: 29 Nov 2017 3:30

Tgt Ion:	82	Resp:	368565
Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	52.7	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

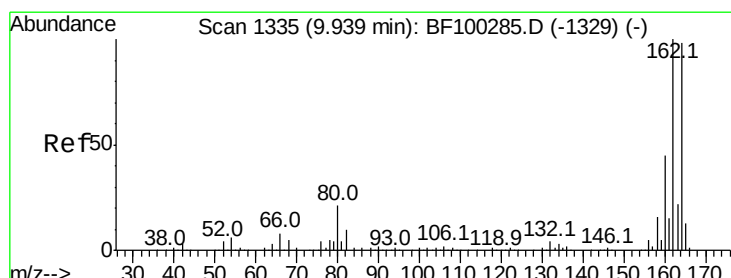
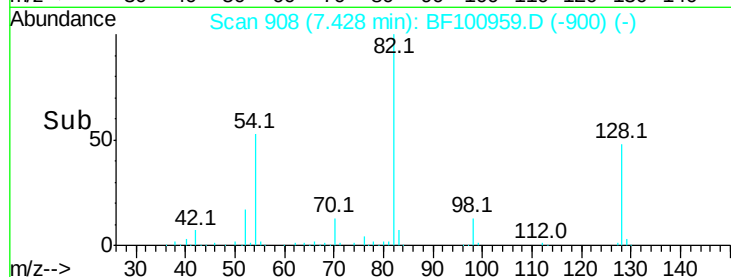
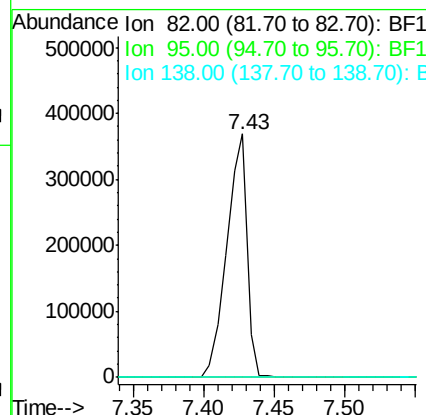
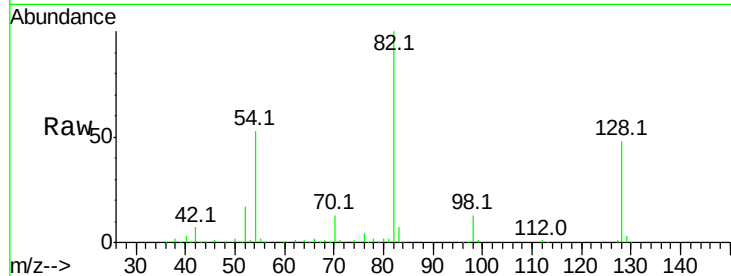




#25
Isophorone
Concen: 49.801 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.25 min
Lab File: BF100959.D
Acq: 29 Nov 2017 3:30

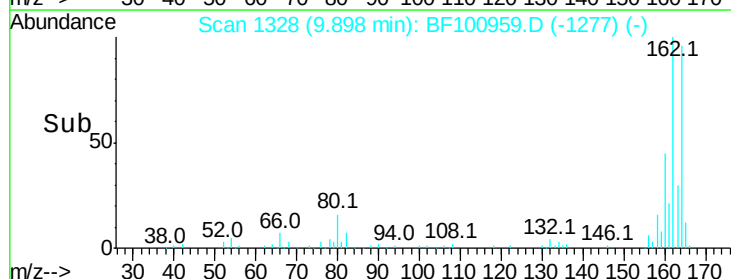
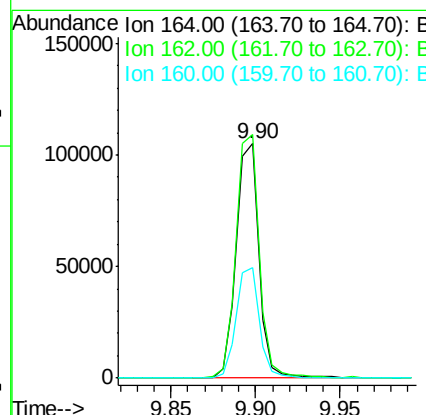
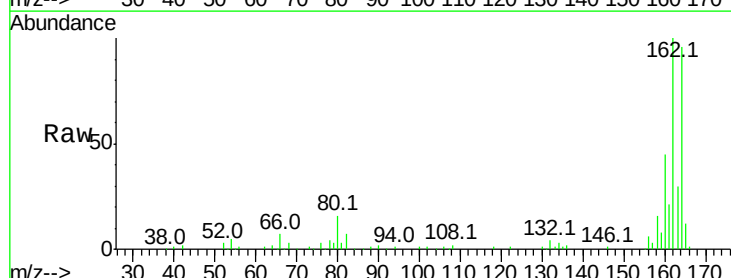
Instrument :
BNA_F
ClientSampled :

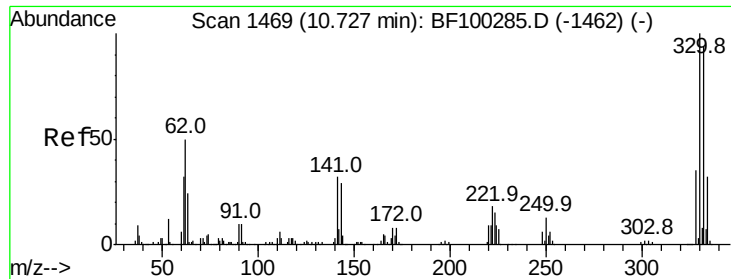
Tot Ion: 82 Resp: 368559
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF100959.D
Acq: 29 Nov 2017 3:30

Tgt Ion:164 Resp: 98238
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 47.1 38.3 57.5

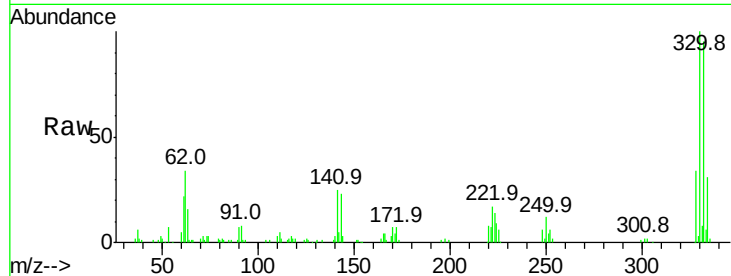




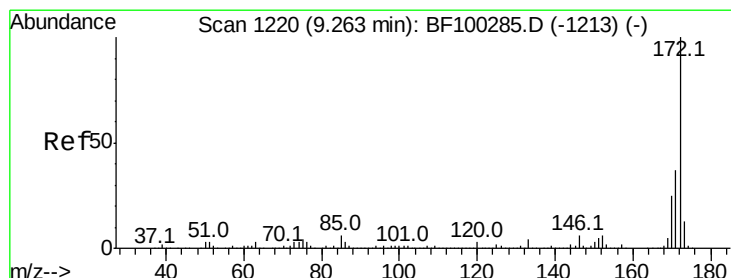
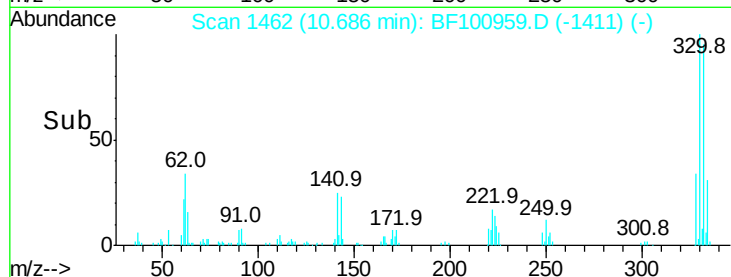
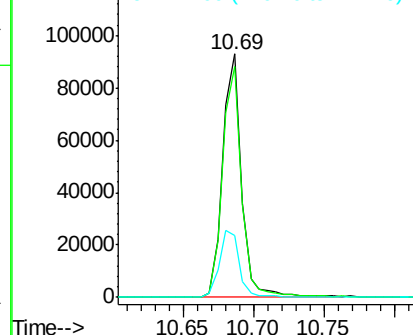
#41
 2,4,6-Tribromophenol
 Concen: 86.911 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF100959.D
 Acq: 29 Nov 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	28.7	29.9	44.9#

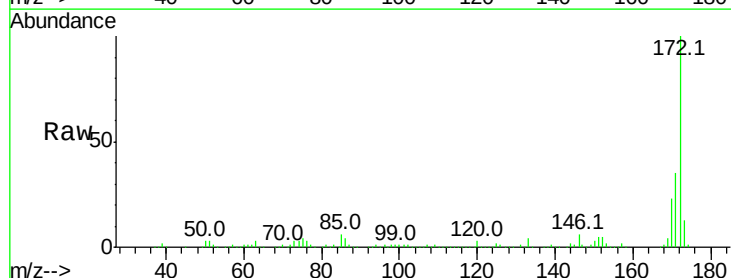


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

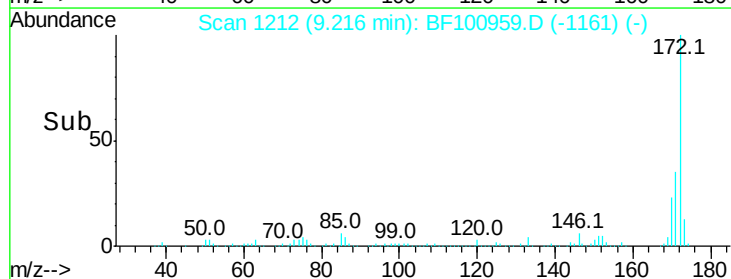
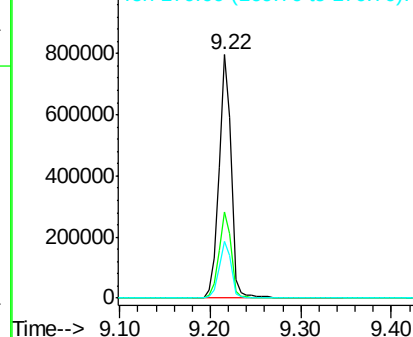


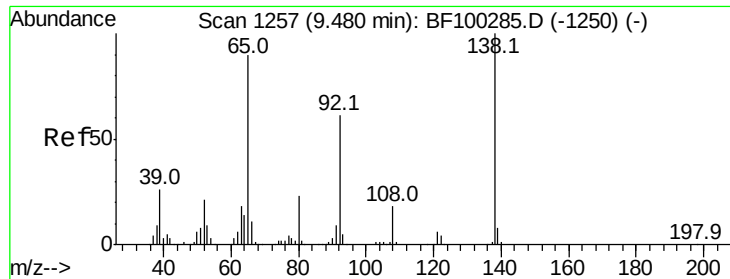
#44
 2-Fluorobiphenyl
 Concen: 115.359 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF100959.D
 Acq: 29 Nov 2017 3:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.4	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

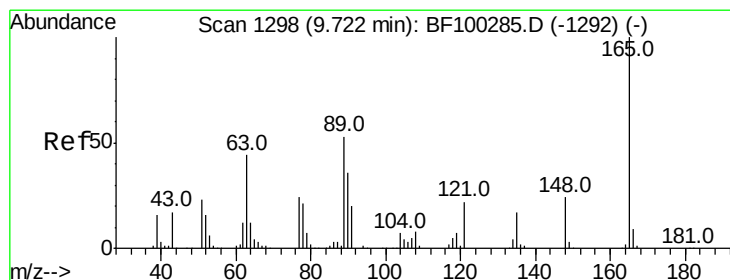
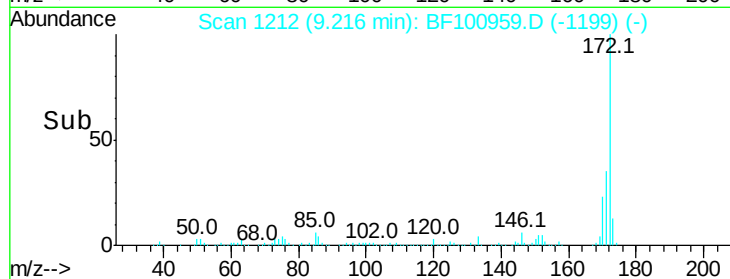
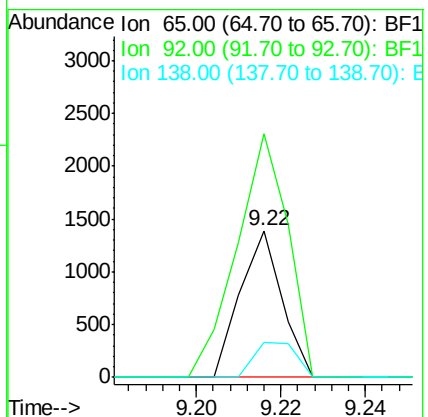
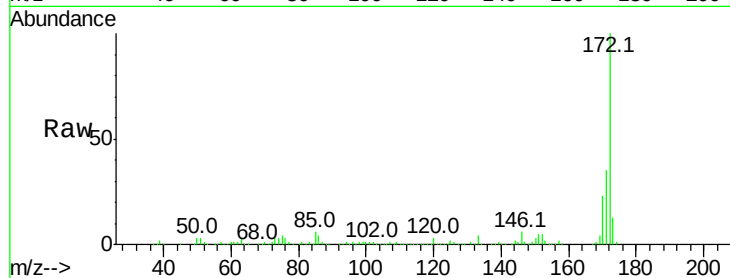




#47
2-Nitroaniline
Concen: 3.275 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.22 min
Lab File: BF100959.D
Acq: 29 Nov 2017 3:30

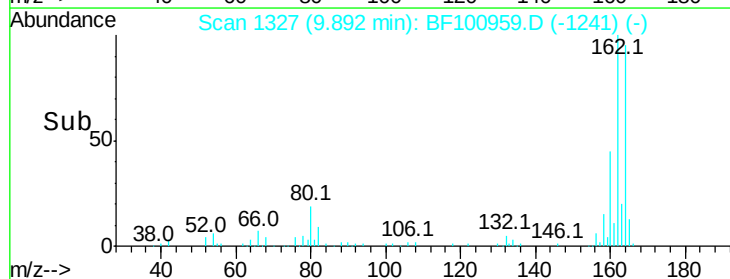
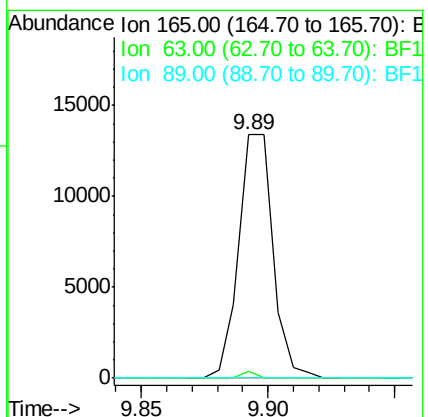
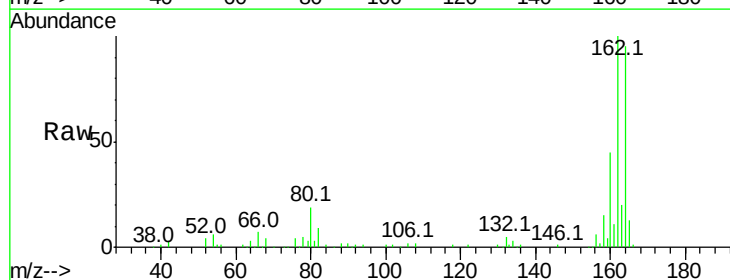
Instrument :
BNA_F
ClientSampleId :

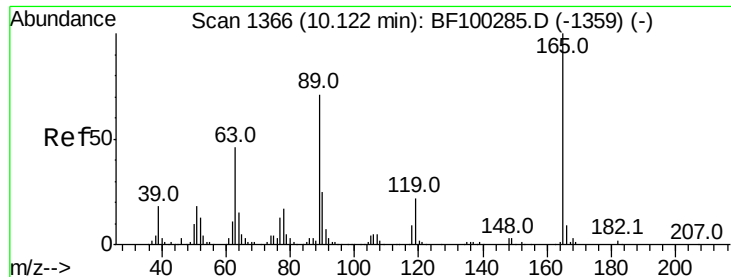
Tot Ion: 65 Resp: 950
Ion Ratio Lower Upper
65 100
92 166.2 55.8 83.6#
138 24.2 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.522 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100959.D
Acq: 29 Nov 2017 3:30

Tgt Ion:165 Resp: 12653
Ion Ratio Lower Upper
165 100
63 2.6 44.7 67.1#
89 0.0 44.0 66.0#

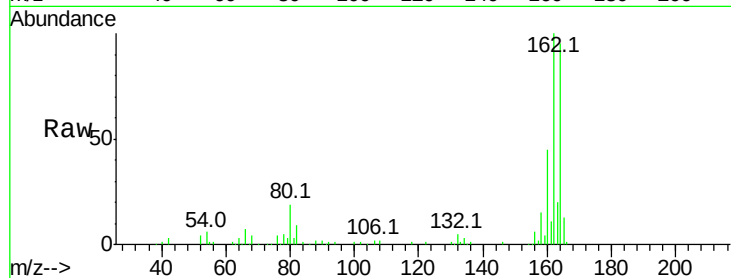




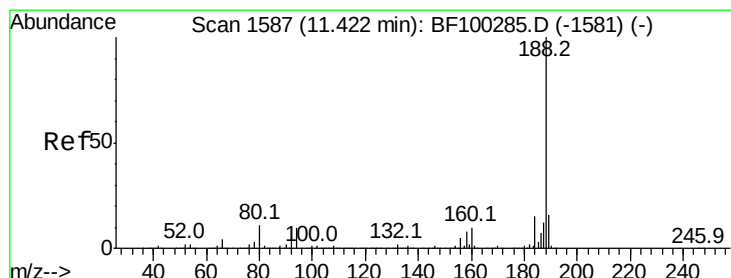
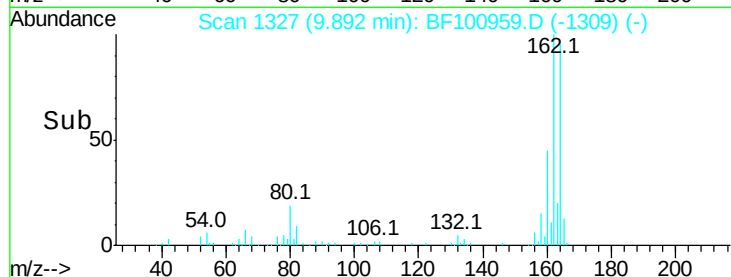
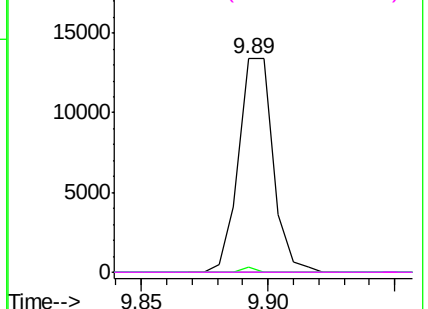
#56
 2,4-Dinitrotoluene
 Concen: 6.755 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100959.D
 Acq: 29 Nov 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	12653
Ion	Ratio	Lower	Upper
165	100		
63	2.6	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

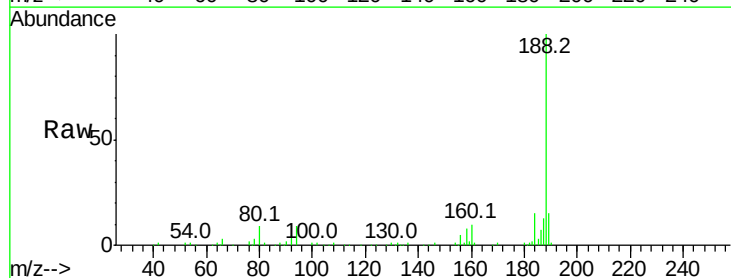


Abundance Ion 165.00 (164.70 to 165.70): E

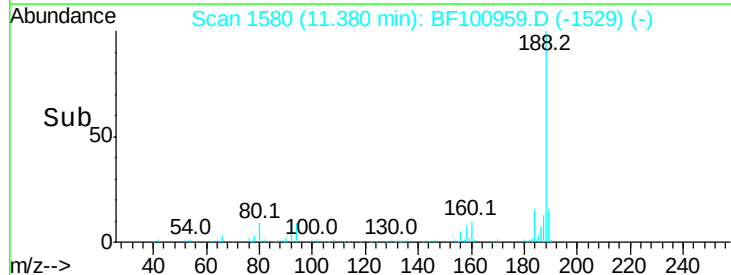
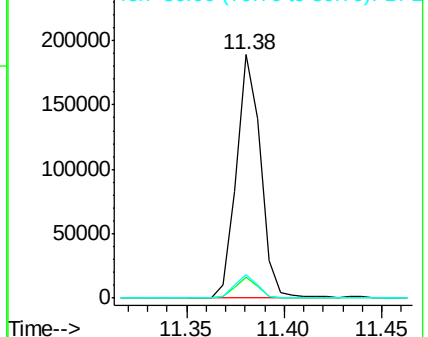


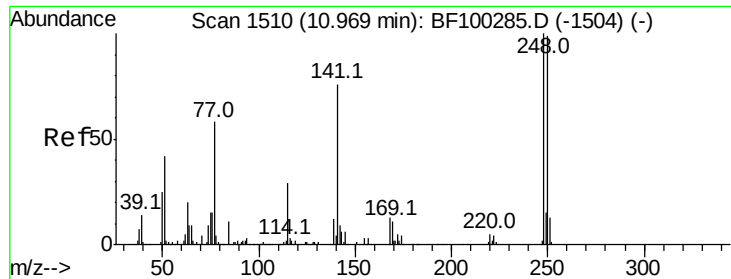
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF100959.D
 Acq: 29 Nov 2017 3:30

Tgt Ion:	188	Resp:	162387
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.4	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

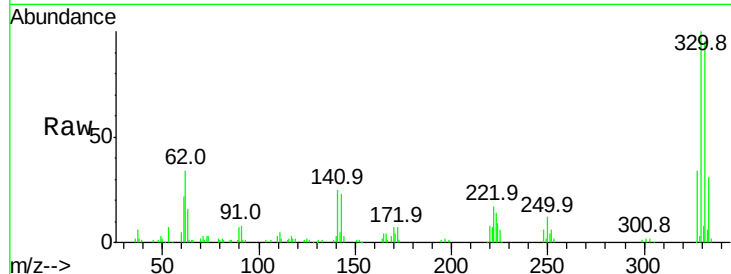




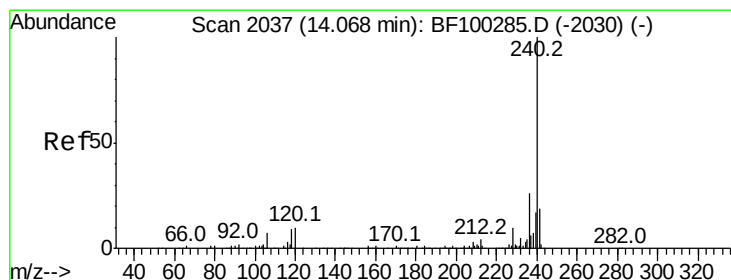
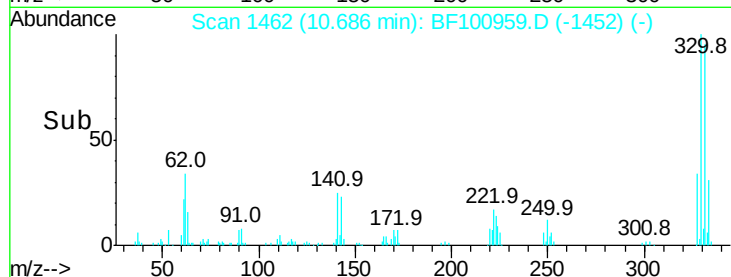
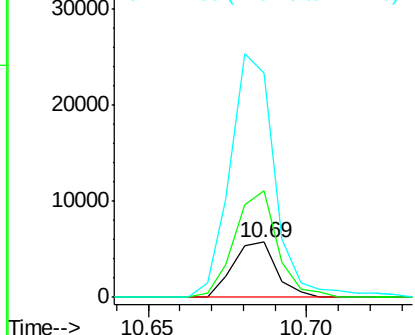
#66
4-Bromophenyl-phenylether
Concen: 3.120 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100959.D
Acq: 29 Nov 2017 3:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5431
Ion Ratio Lower Upper
248 100
250 193.9 76.9 115.3#
141 409.3 74.4 111.6#

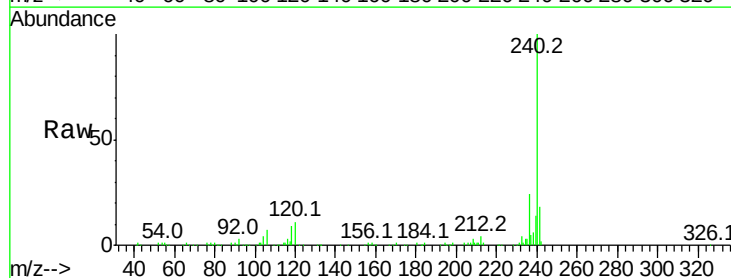


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

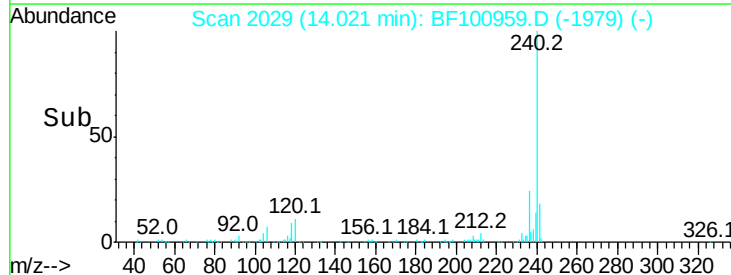
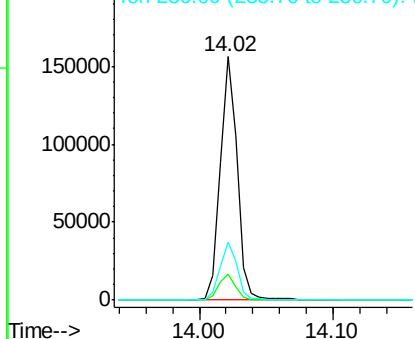


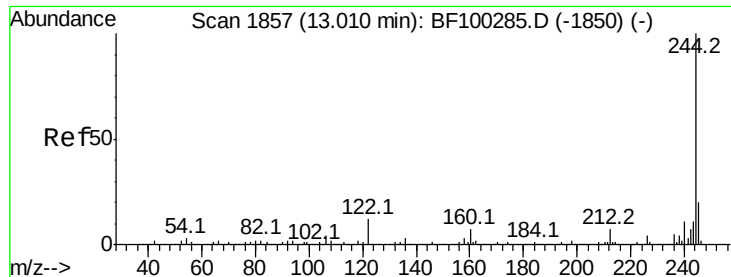
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100959.D
Acq: 29 Nov 2017 3:30

Tgt Ion:240 Resp: 141357
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 23.9 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

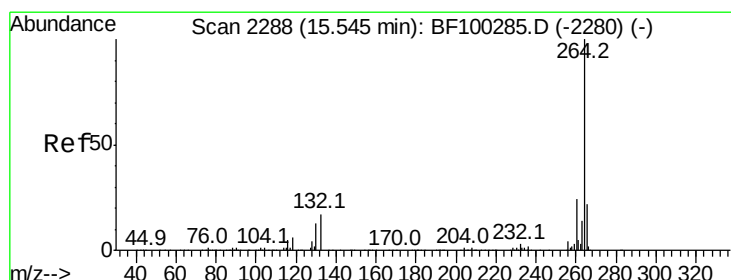
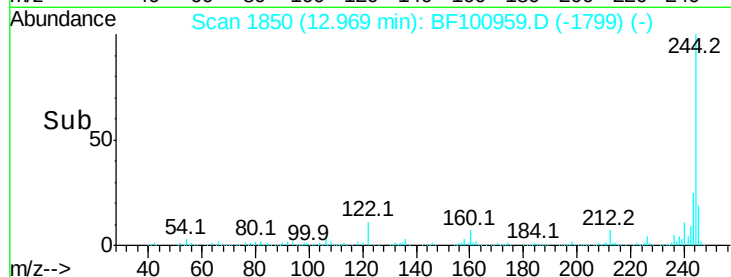
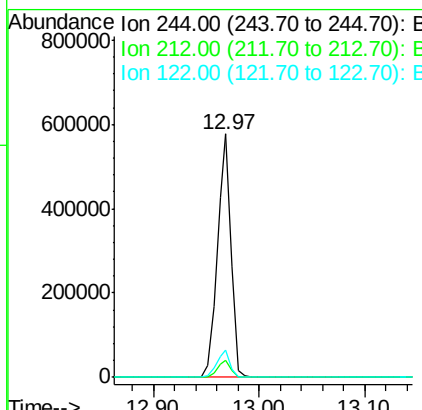
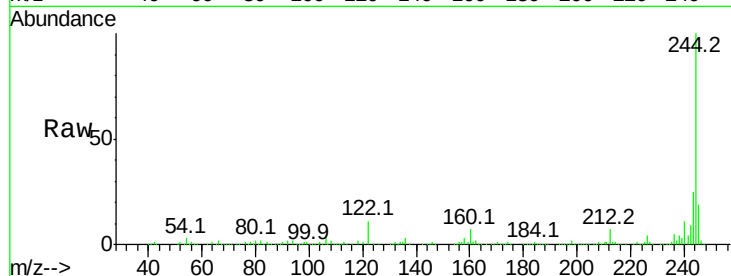




#78
 Terphenyl-d14
 Concen: 85.643 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF100959.D
 Acq: 29 Nov 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.0	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF100959.D
 Acq: 29 Nov 2017 3:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	17.5	26.3

