

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101152.D
 Acq On : 6 Dec 2017 4:41
 Operator : SJ/JU
 Sample : I6702-11
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 05:50:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

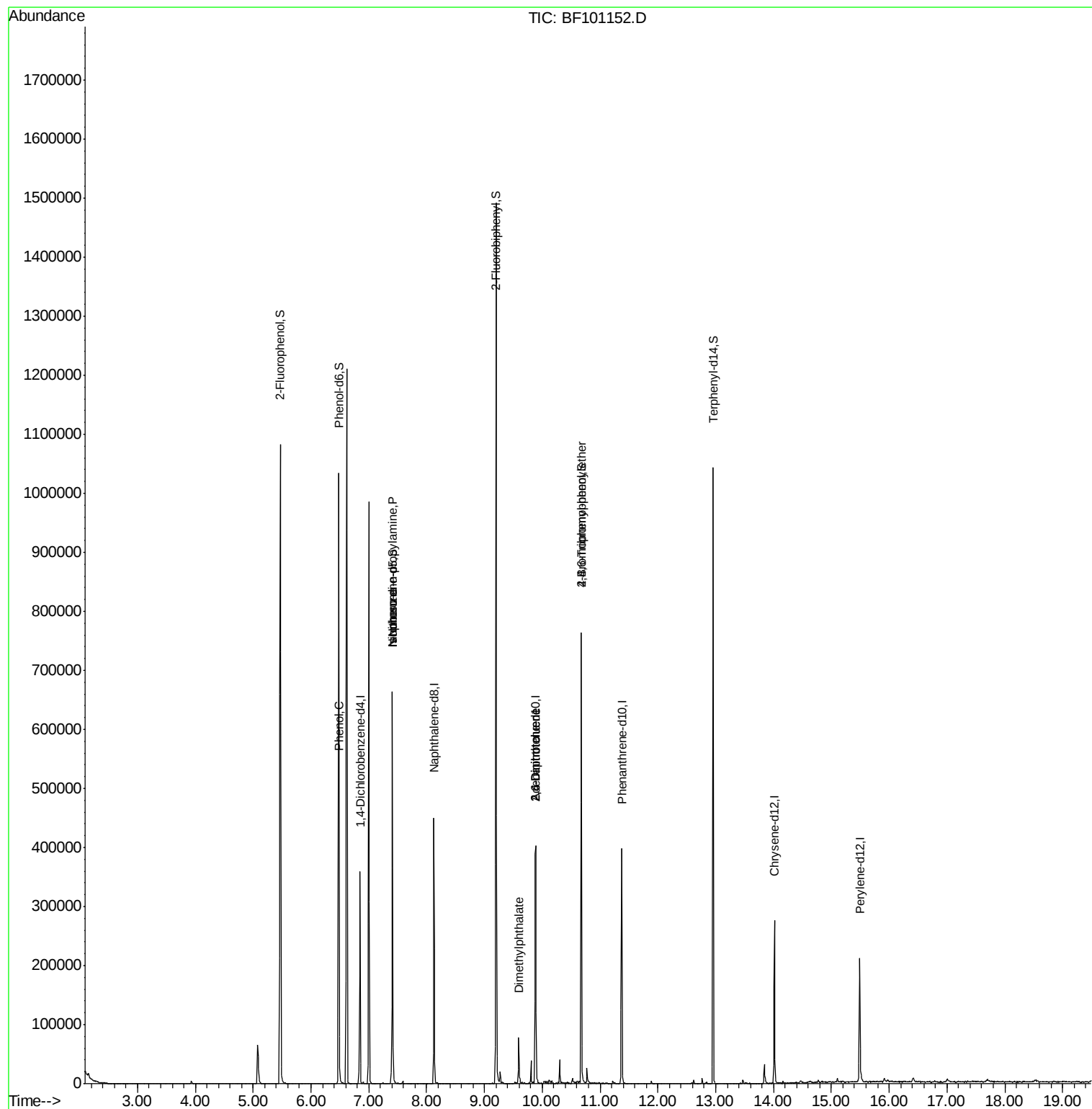
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	51020	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	194386	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	87125	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	156473	20.00	ng	0.00
75) Chrysene-d12	14.02	240	99635	20.00	ng	0.00
86) Perylene-d12	15.49	264	105928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	298023	96.52	ng	0.00
7) Phenol-d6	6.48	99	361386	96.41	ng	0.00
23) Nitrobenzene-d5	7.41	82	222783	68.37	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	92186	88.08	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	463447	72.78	ng	0.00
78) Terphenyl-d14	12.96	244	354809	77.89	ng	0.00
Target Compounds						
10) Phenol	6.49	94	9547	2.290	ng	90
19) n-Nitroso-di-n-propylamine	7.41	70	29461	11.670	ng	# 84
25) Isophorone	7.41	82	222781	40.025	ng	# 64
49) Dimethylphthalate	9.60	163	36650	5.216	ng	99
50) 2,6-Dinitrotoluene	9.88	165	10822	7.313	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	10822	5.456	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	5624	3.211	ng	# 1

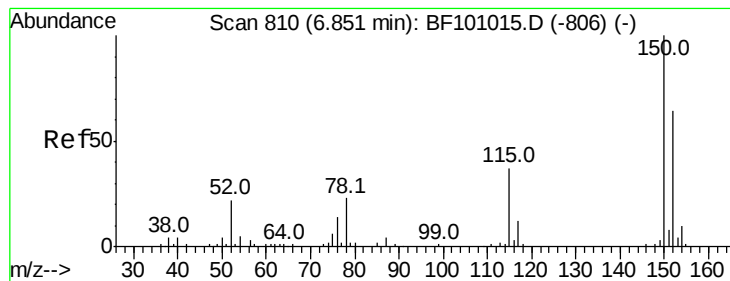
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120517\
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Misc :
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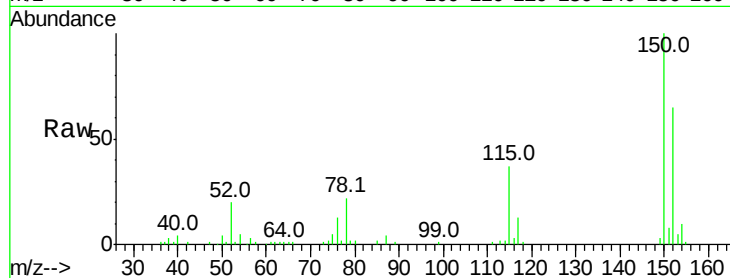


#1

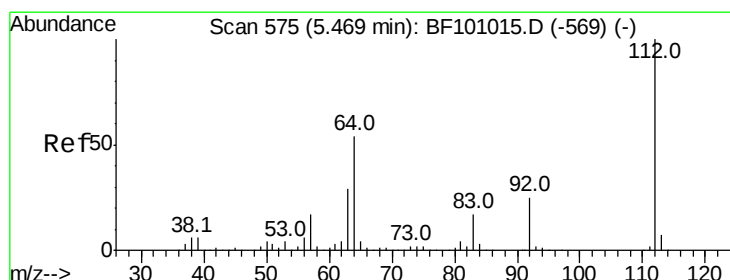
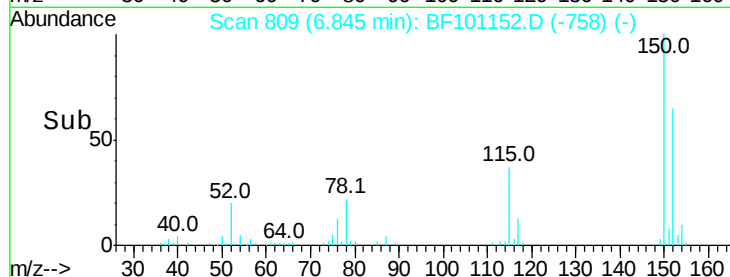
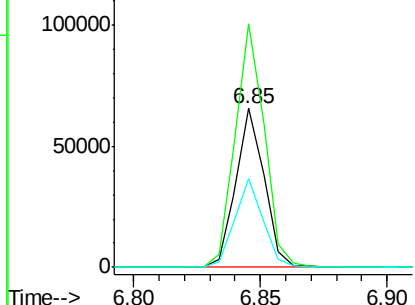
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 51020
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 56.1 50.1 75.1



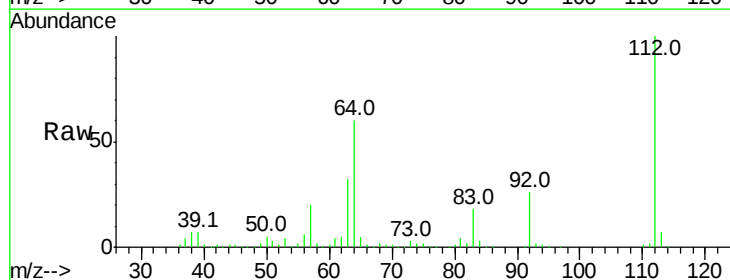
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



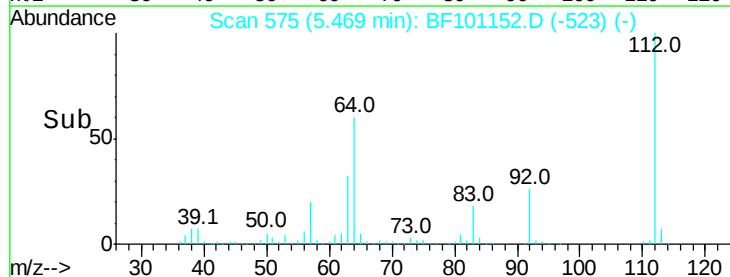
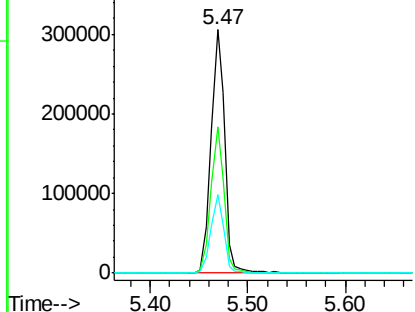
#5

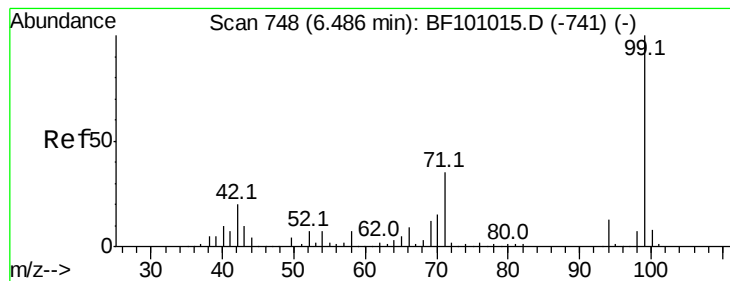
2-Fluorophenol
Concen: 96.524 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Tgt Ion:112 Resp: 298023
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 32.1 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: 96.406 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101152.D

Acq: 6 Dec 2017 4:41

Instrument :

BNA_F

ClientSampled :

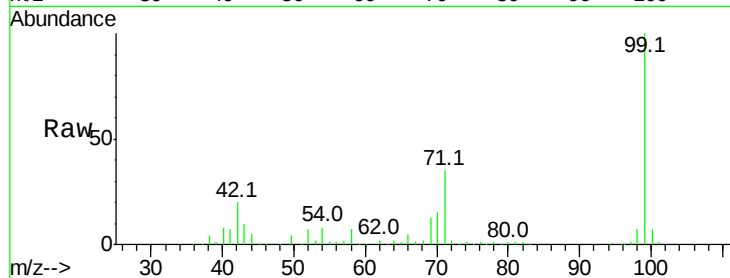
Tot Ion: 99 Resp: 361386

Ion Ratio Lower Upper

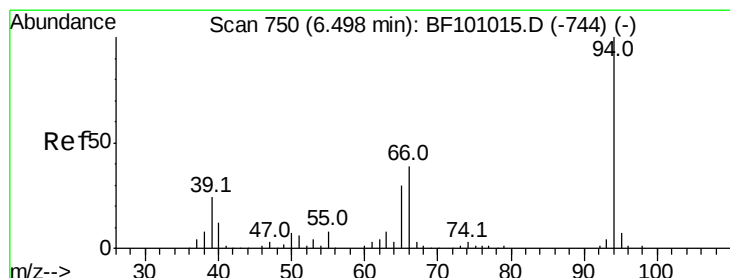
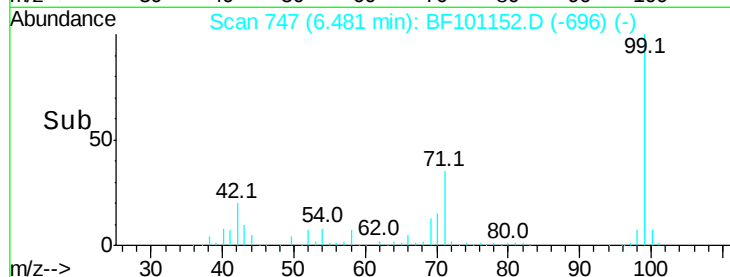
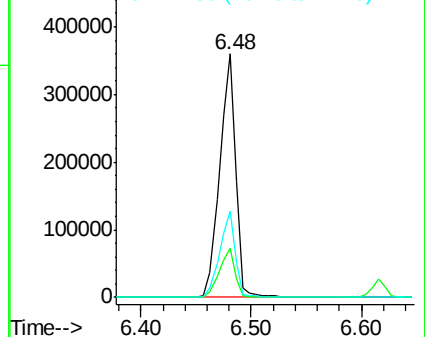
99 100

42 20.2 14.5 21.7

71 35.5 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



#10

Phenol

Concen: 2.290 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101152.D

Acq: 6 Dec 2017 4:41

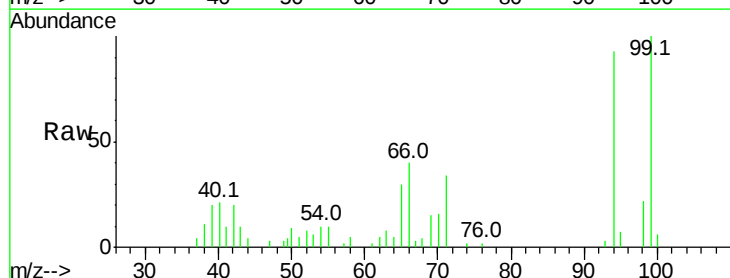
Tgt Ion: 94 Resp: 9547

Ion Ratio Lower Upper

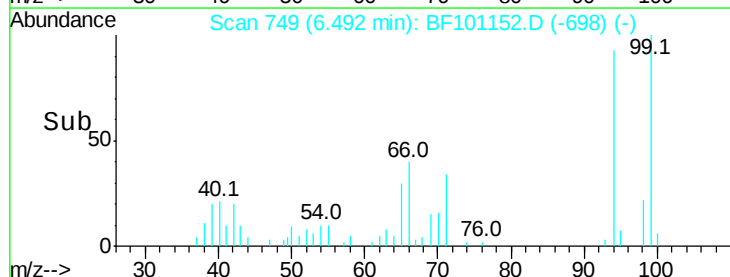
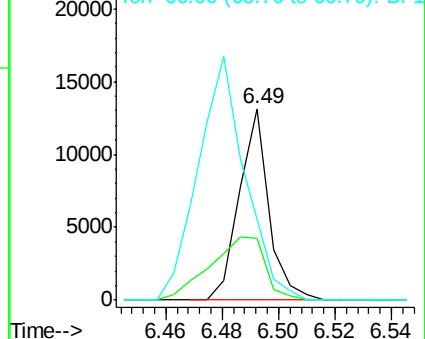
94 100

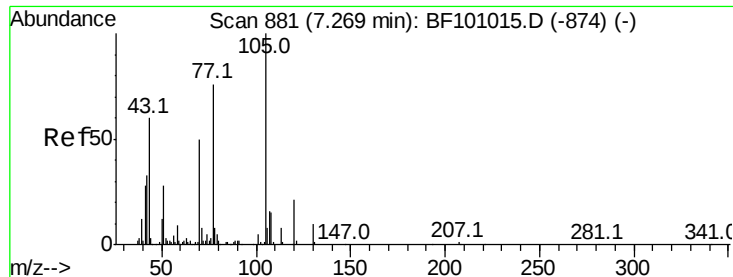
65 32.6 7.9 47.9

66 42.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

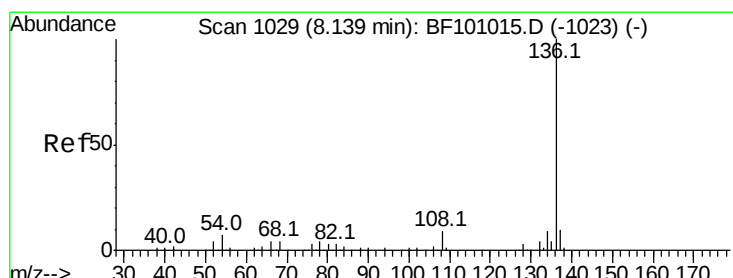
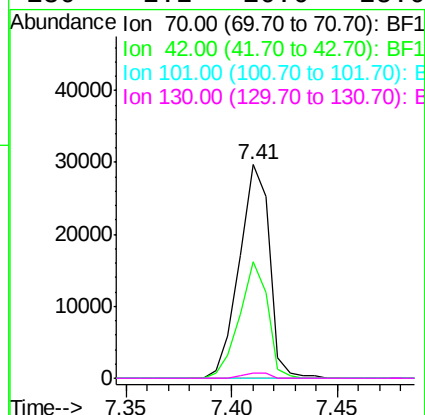
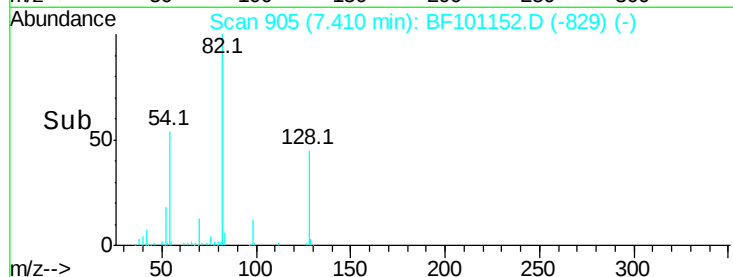
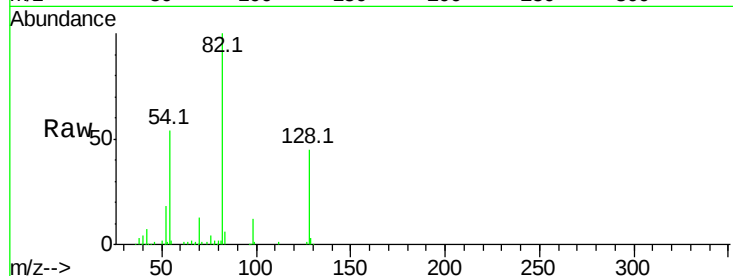




#19
n-Nitroso-di-n-propylamine
Concen: 11.670 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

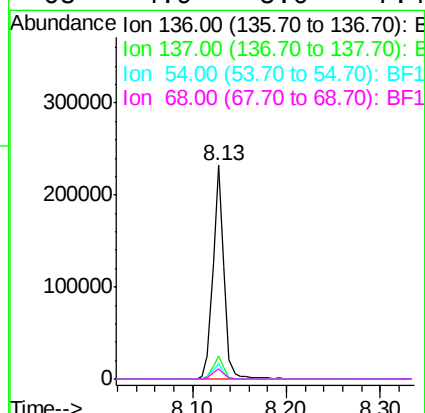
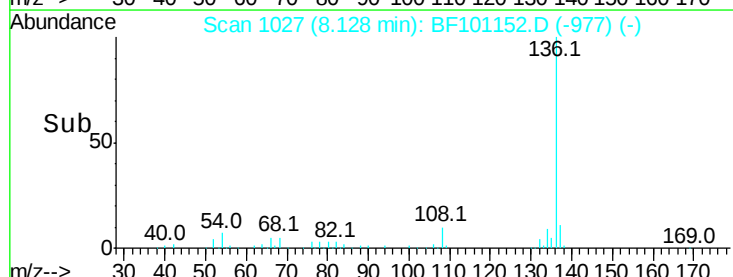
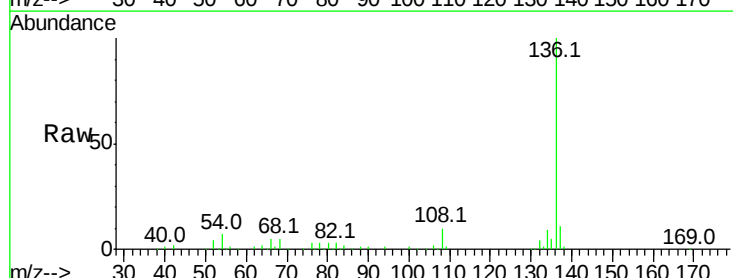
Instrument :
BNA_F
ClientSampleId :

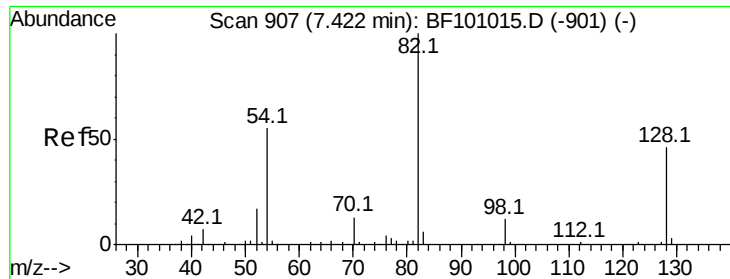
Tot Ion: 70 Resp: 29461
Ion Ratio Lower Upper
70 100
42 54.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Tgt Ion:136 Resp: 194386
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.1 6.6 9.8
68 4.9 5.0 7.4#

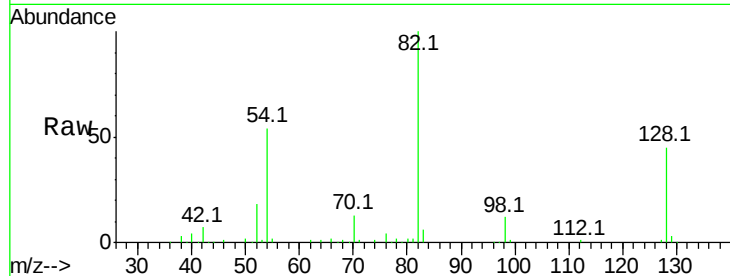




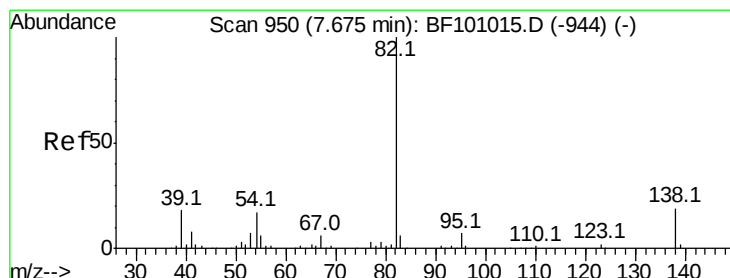
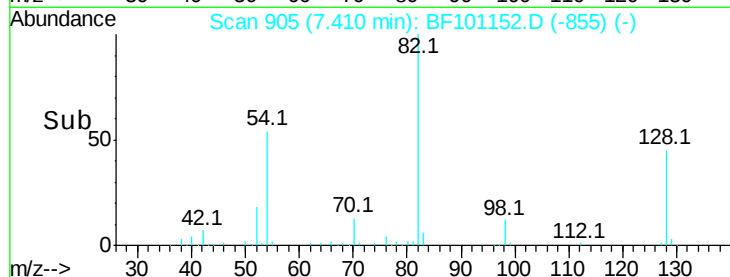
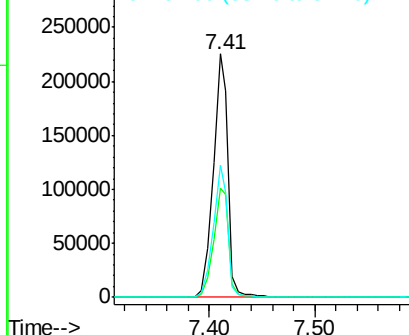
#23
 Nitrobenzene-d5
 Concen: 68.368 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101152.D
 Acq: 6 Dec 2017 4:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 222783
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 54.5 41.4 62.2

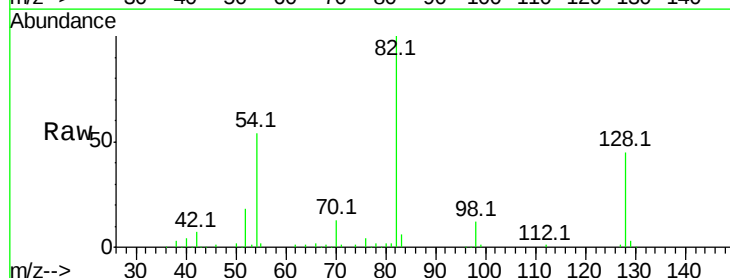


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

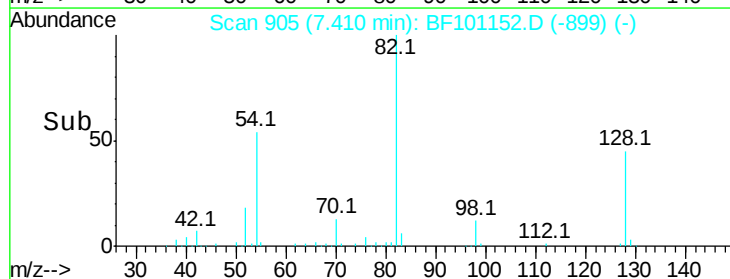
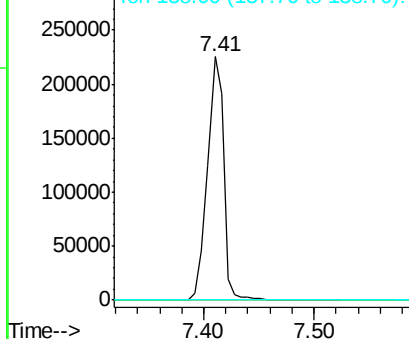


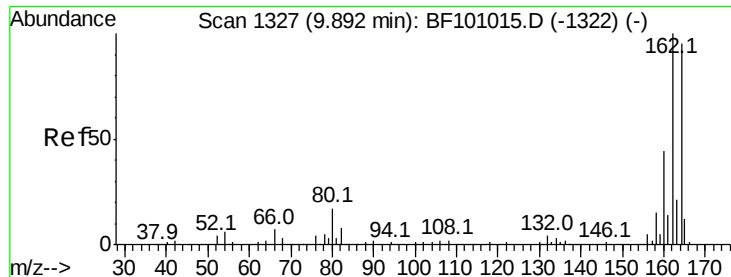
#25
 Isophorone
 Concen: 40.025 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.26 min
 Lab File: BF101152.D
 Acq: 6 Dec 2017 4:41

Tgt Ion: 82 Resp: 222781
 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

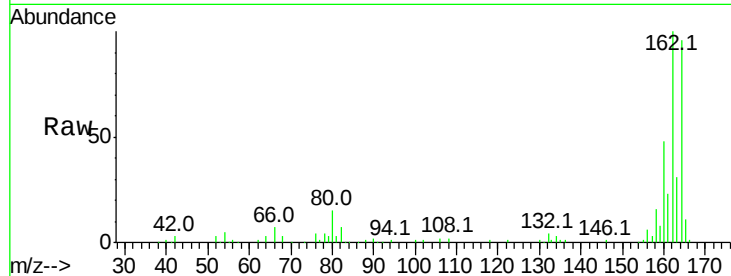




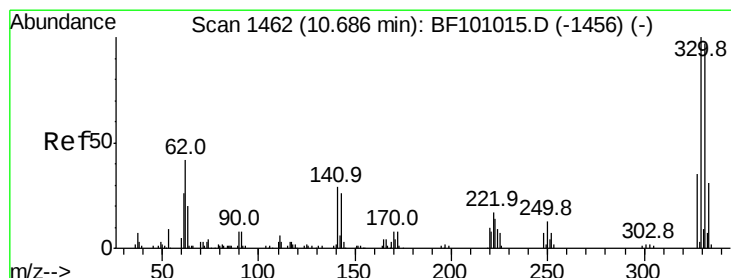
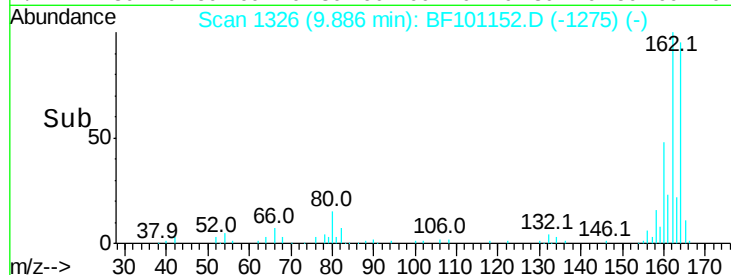
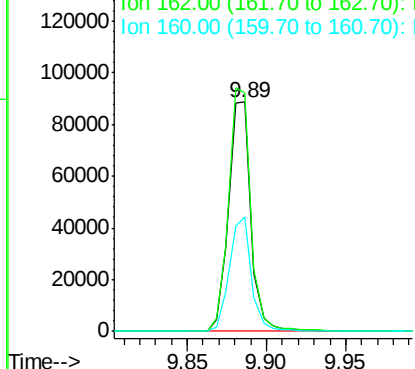
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101152.D
 Acq: 6 Dec 2017 4:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 87125
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 50.0 38.3 57.5

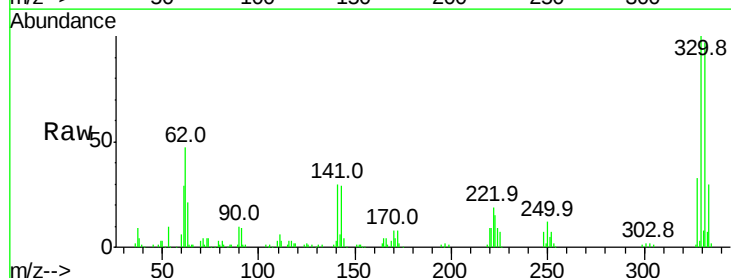


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

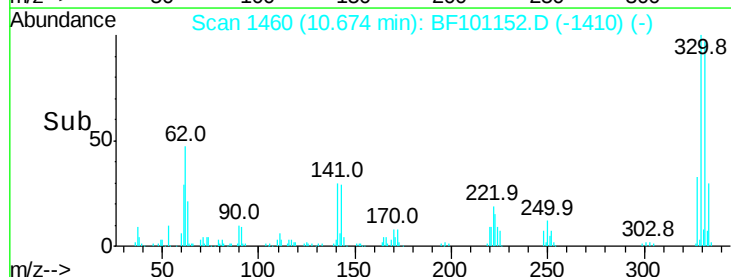
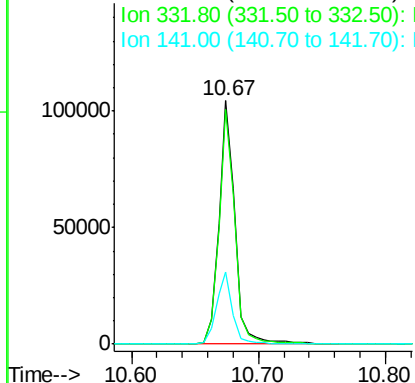


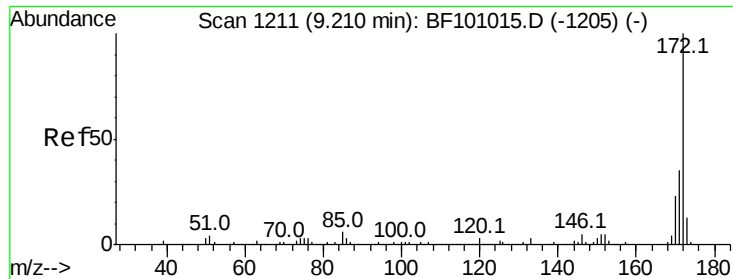
#41
 2,4,6-Tribromophenol
 Concen: 88.080 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101152.D
 Acq: 6 Dec 2017 4:41

Tgt Ion:330 Resp: 92186
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 29.9 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

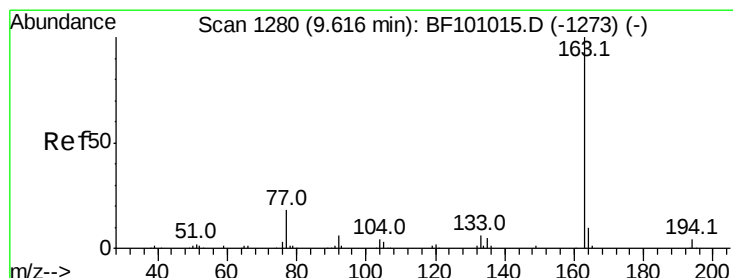
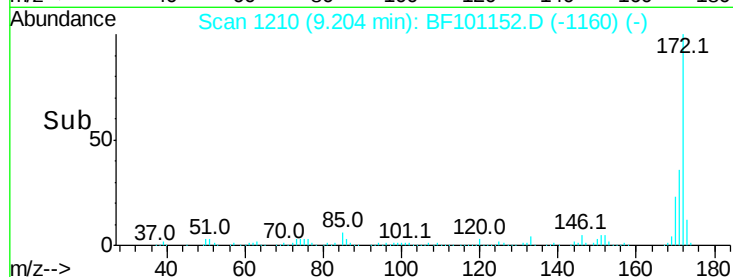
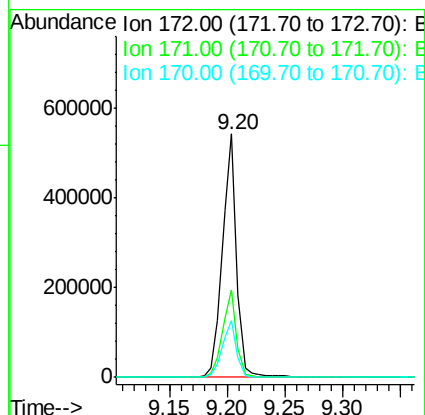
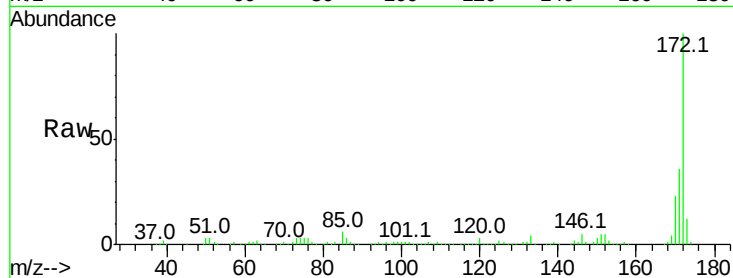




#44
2-Fluorobiphenyl
Concen: 72.779 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

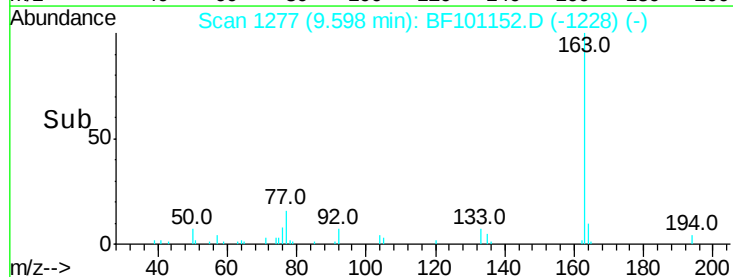
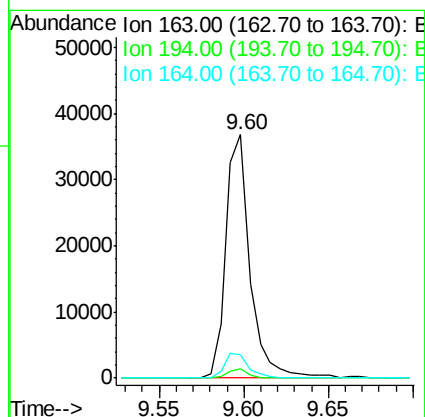
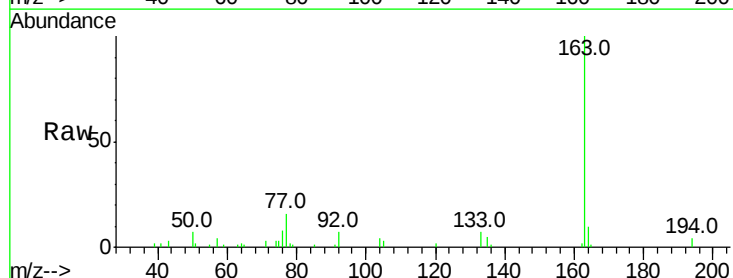
Instrument :
BNA_F
ClientSampleId :

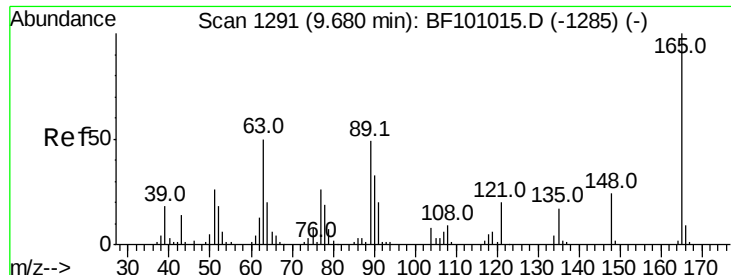
Tot Ion:172 Resp: 463447
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.3 19.6 29.4



#49
Dimethylphthalate
Concen: 5.216 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Tgt Ion:163 Resp: 36650
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.7 8.2 12.2

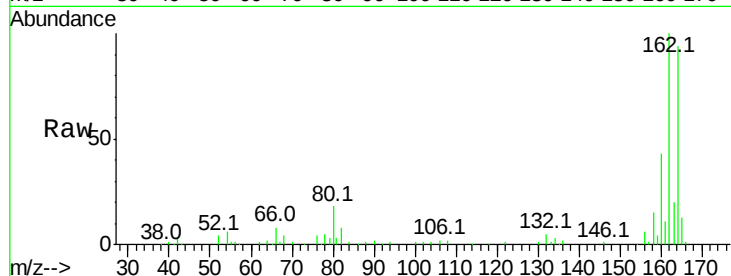




#50
 2,6-Dinitrotoluene
 Concen: 7.313 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101152.D
 Acq: 6 Dec 2017 4:41

Instrument :
 BNA_F
 ClientSampleId :

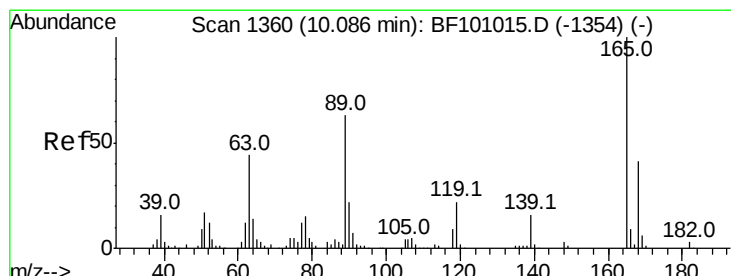
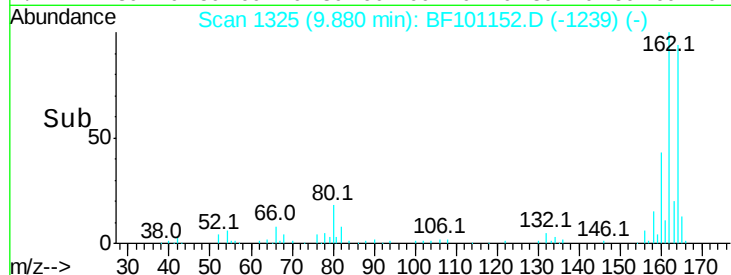
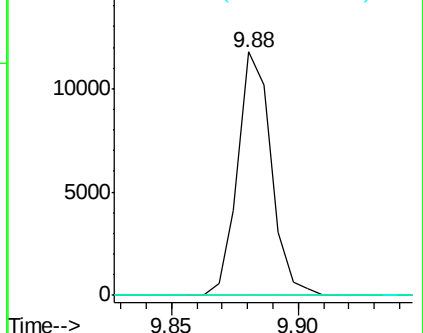
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



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: 5.456 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101152.D
 Acq: 6 Dec 2017 4:41

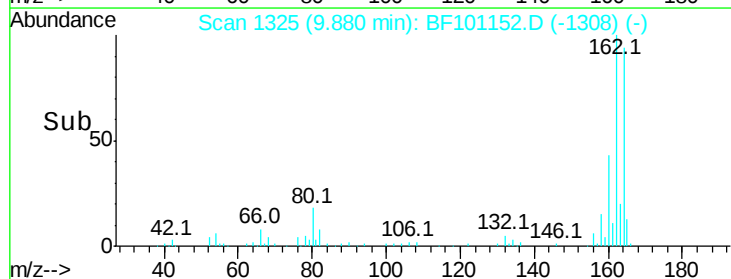
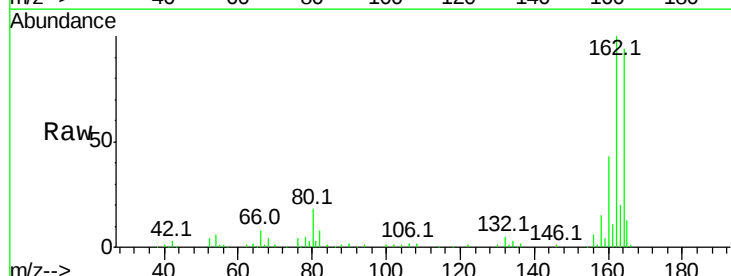
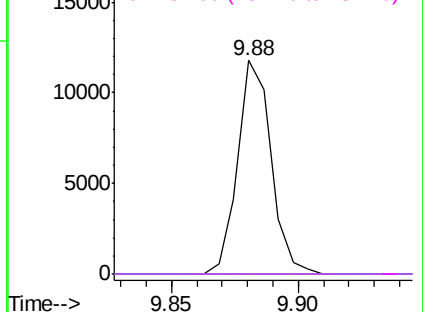
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

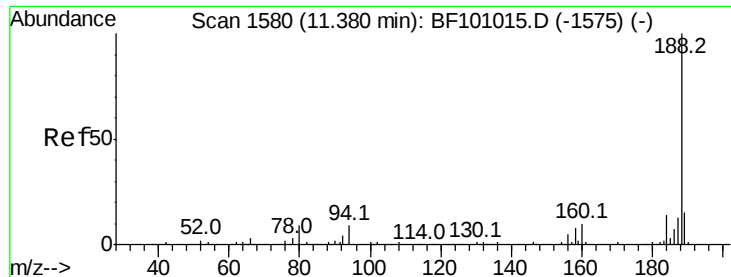
Abundance Ion 165.00 (164.70 to 165.70): E

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

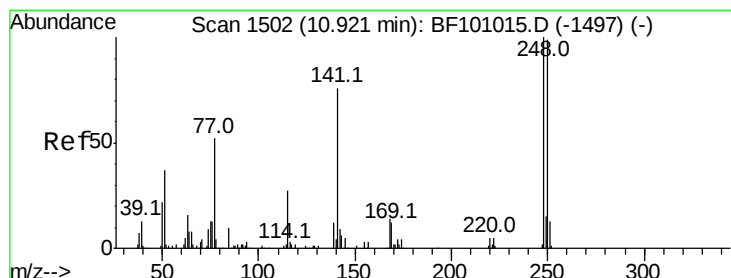
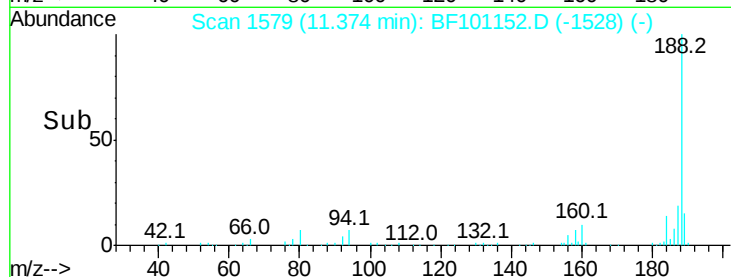
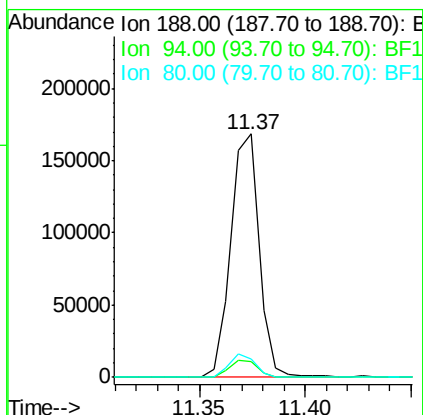
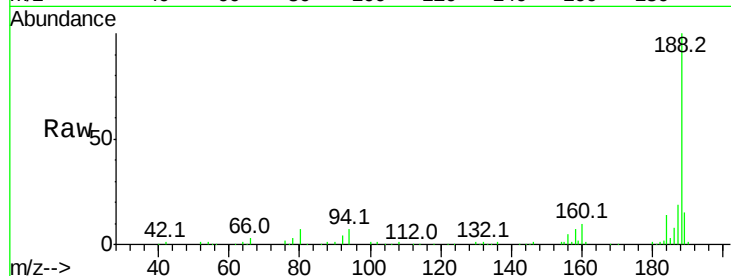




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

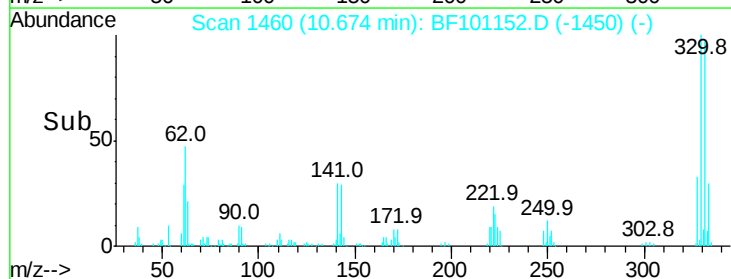
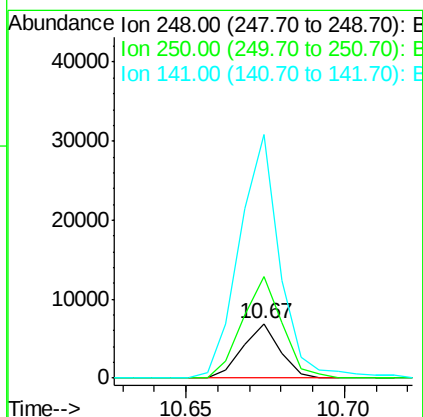
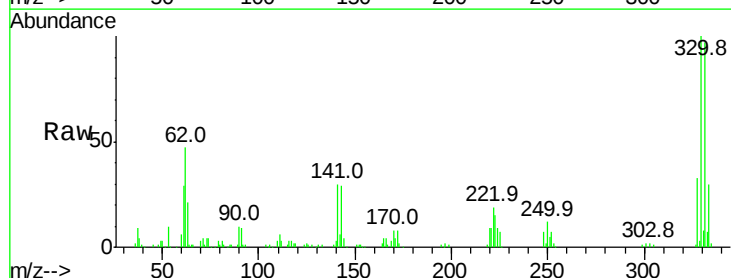
Instrument :
BNA_F
ClientSampleId :

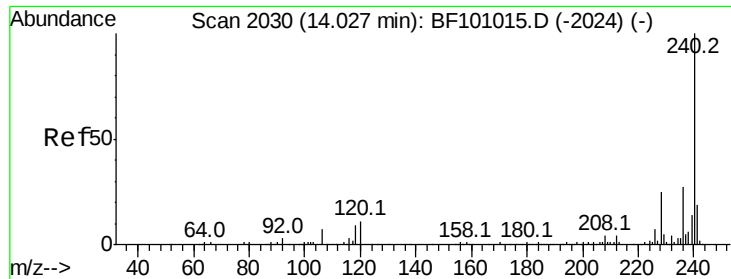
Tot Ion:188 Resp: 156473
Ion Ratio Lower Upper
188 100
94 6.5 8.5 12.7#
80 7.4 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 3.211 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Tgt Ion:248 Resp: 5624
Ion Ratio Lower Upper
248 100
250 186.3 76.9 115.3#
141 444.4 74.4 111.6#

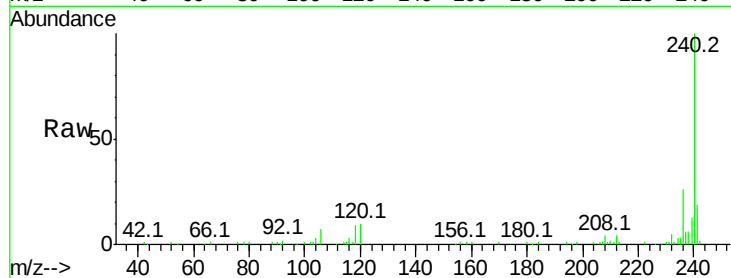




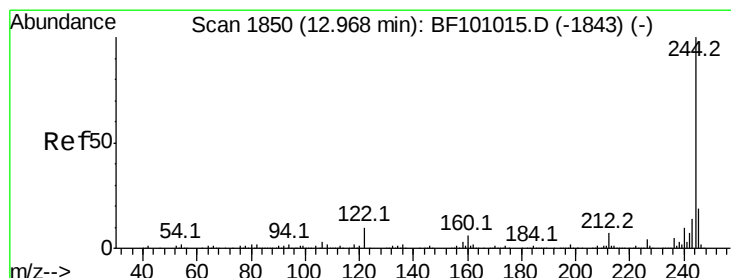
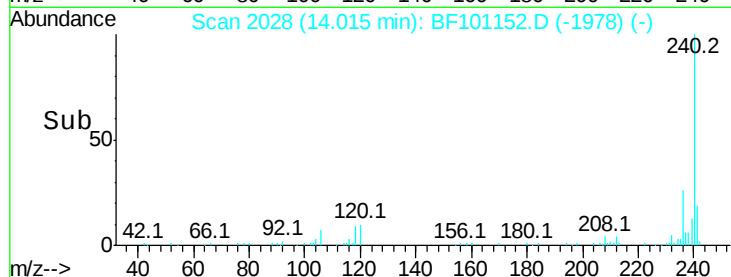
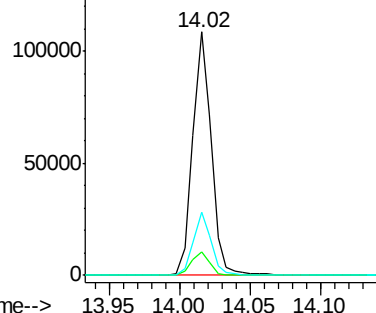
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 99635
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.9 20.7 31.1

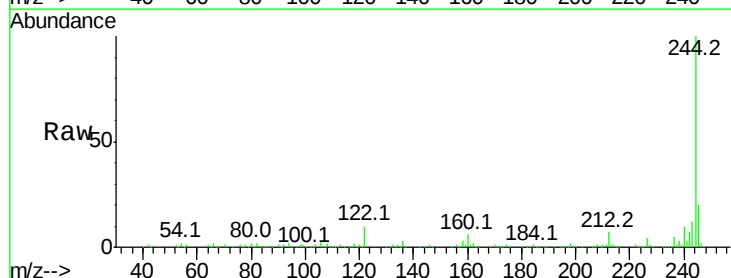


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

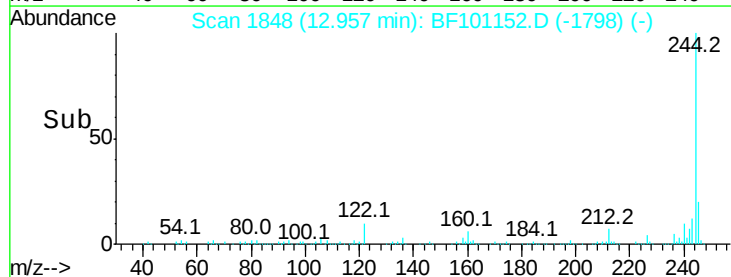
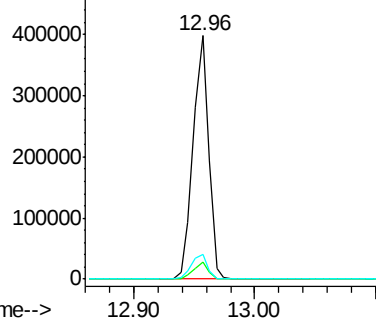


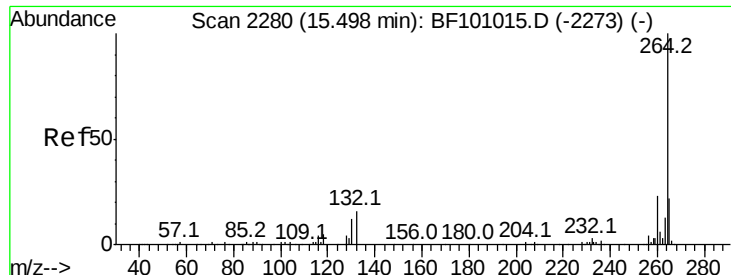
#78
Terphenyl-d14
Concen: 77.890 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Tgt Ion:244 Resp: 354809
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 9.9 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

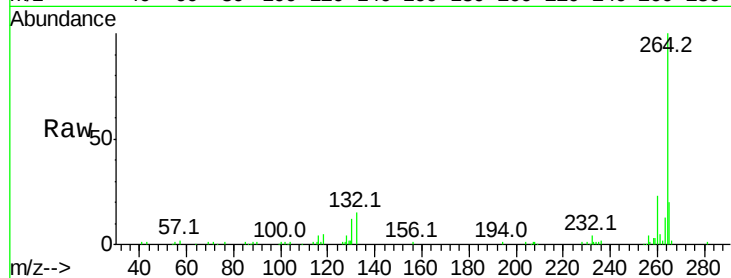




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101152.D
 Acq: 6 Dec 2017 4:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	19.5	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

