

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100175.D
 Acq On : 4 Nov 2017 13:49
 Operator : SJ/JU
 Sample : I6099-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:46:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	87832	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	364987	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	172125	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	307697	20.00	ng	0.00
75) Chrysene-d12	13.94	240	156357	20.00	ng	0.00
86) Perylene-d12	15.40	264	136263	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	627862	112.23	ng	0.00
7) Phenol-d6	6.42	99	740919	111.69	ng	0.00
23) Nitrobenzene-d5	7.34	82	409654	72.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	170691	108.82	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	740315	66.36	ng	-0.01
78) Terphenyl-d14	12.87	244	534680	74.73	ng	0.00

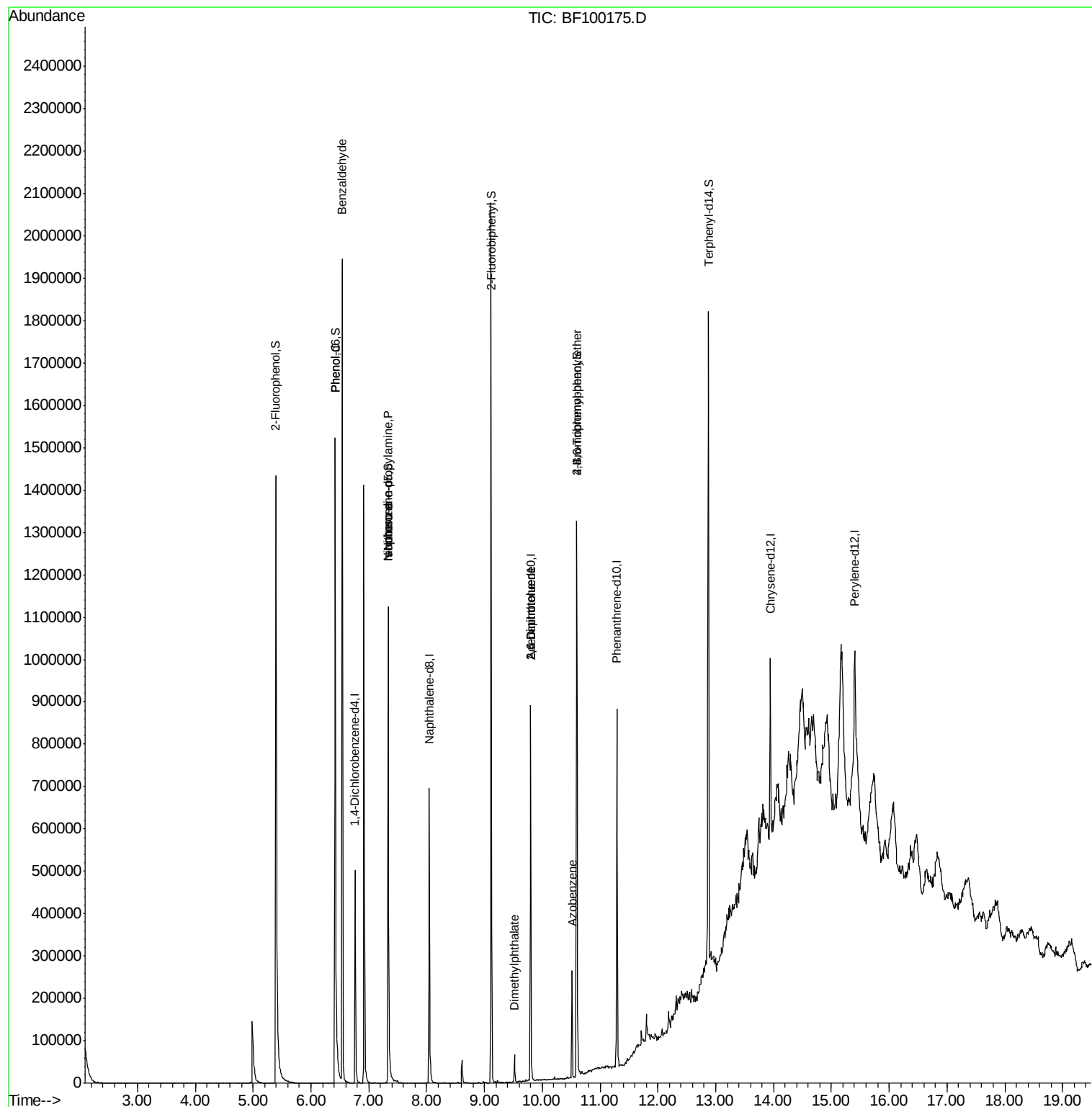
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	11102	2.801	ng	89
10) Phenol	6.43	94	30016	4.121	ng	# 75
19) n-Nitroso-di-n-propylamine	7.34	70	49747	12.797	ng	# 71
25) Isophorone	7.34	82	409654	39.822	ng	# 64
49) Dimethylphthalate	9.52	163	32855	2.410	ng	# 99
50) 2,6-Dinitrotoluene	9.80	165	22812	7.961	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	22812	6.610	ng	# 22
62) Azobenzene	10.52	77	39927	3.578	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	11403	3.520	ng	# 1

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100175.D
Acq On : 4 Nov 2017 13:49
Operator : SJ/JU
Sample : I6099-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 05 23:46:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration



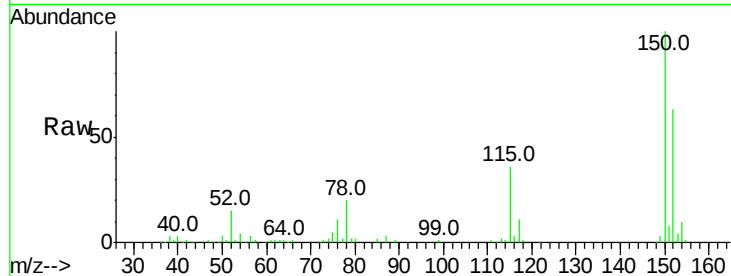


#1

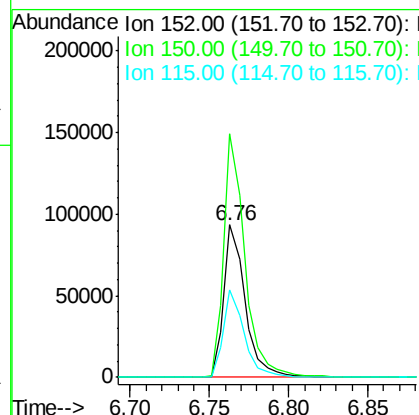
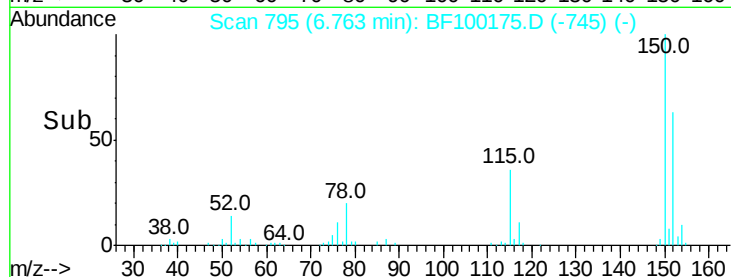
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100175.D
Acq: 4 Nov 2017 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87832
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 57.6 50.1 75.1



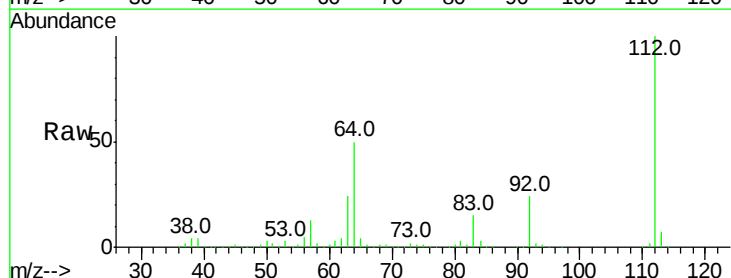
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



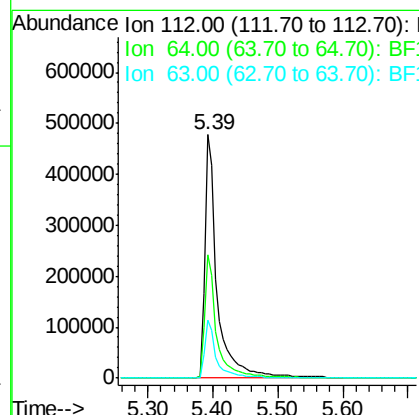
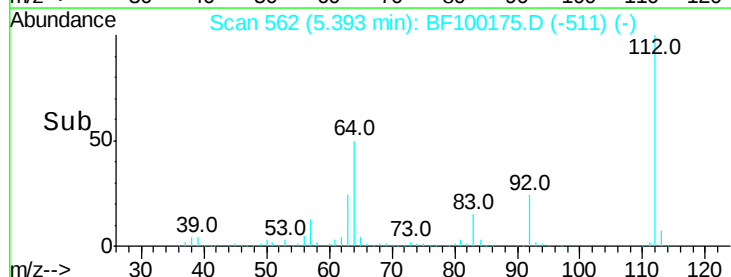
#5

2-Fluorophenol
Concen: 112.228 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100175.D
Acq: 4 Nov 2017 13:49

Tgt Ion:112 Resp: 627862
Ion Ratio Lower Upper
112 100
64 50.5 47.9 71.9
63 23.9 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: 111.693 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100175.D

Acq: 4 Nov 2017 13:49

Instrument :

BNA_F

ClientSampleId :

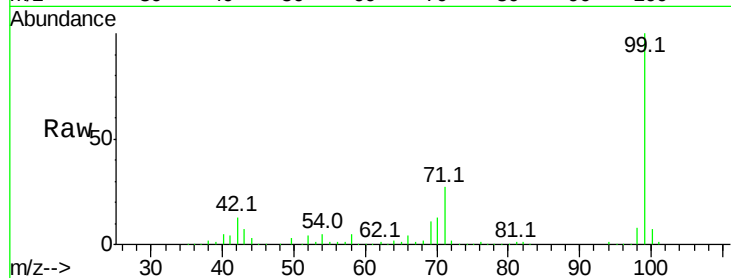
Tot Ion: 99 Resp: 740919

Ion Ratio Lower Upper

99 100

42 13.0 14.5 21.7#

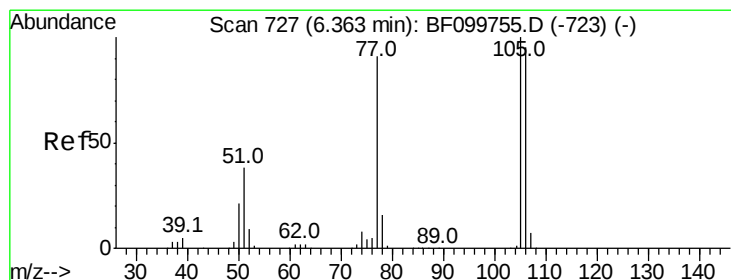
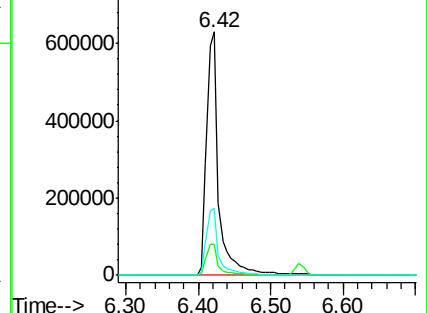
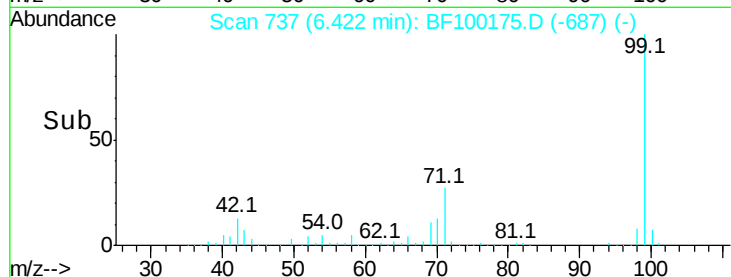
71 27.4 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.801 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100175.D

Acq: 4 Nov 2017 13:49

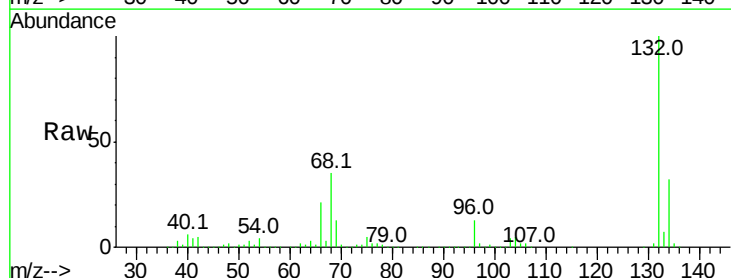
Tgt Ion: 77 Resp: 11102

Ion Ratio Lower Upper

77 100

105 85.5 81.1 121.1

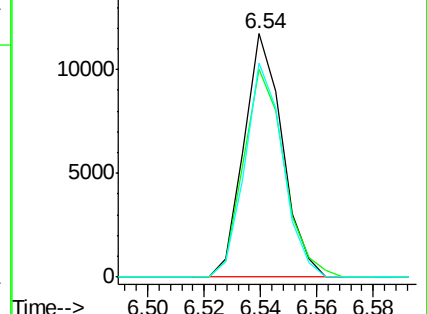
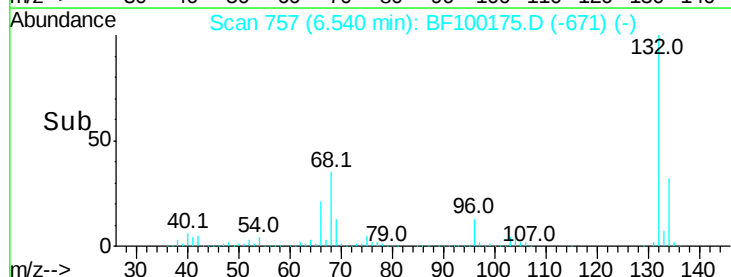
106 87.9 74.5 114.5

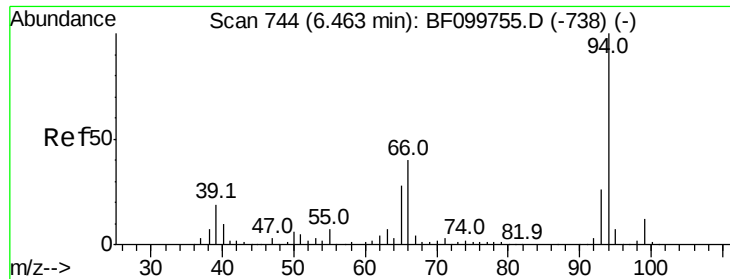


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.121 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF100175.D

Acq: 4 Nov 2017 13:49

Instrument :

BNA_F

ClientSampleId :

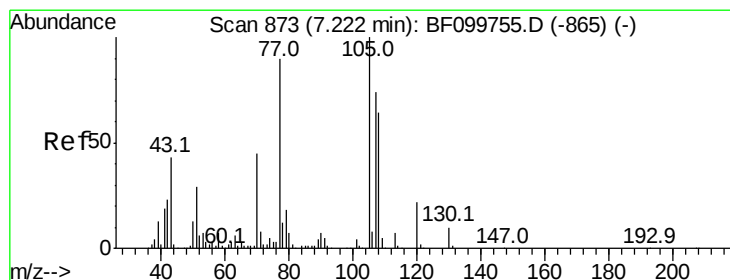
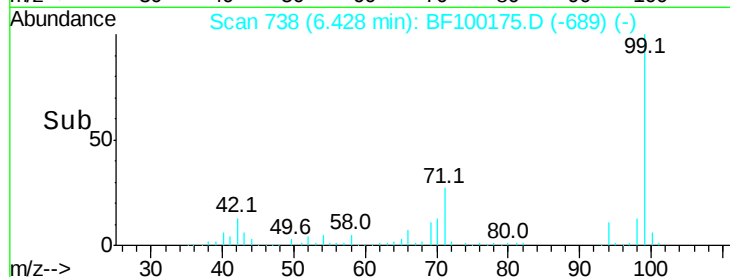
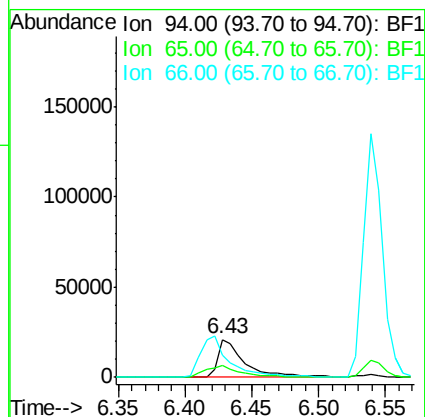
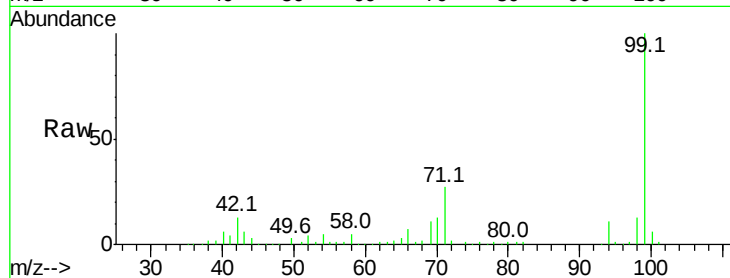
Tot Ion: 94 Resp: 30016

Ion Ratio Lower Upper

94 100

65 30.7 7.9 47.9

66 59.7 16.2 56.2#



#19

n-Nitroso-di-n-propylamine

Concen: 12.797 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100175.D

Acq: 4 Nov 2017 13:49

Tgt Ion: 70 Resp: 49747

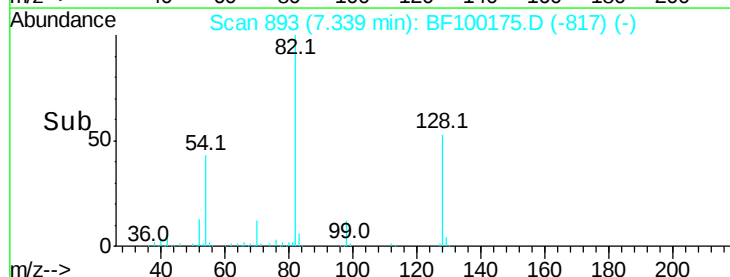
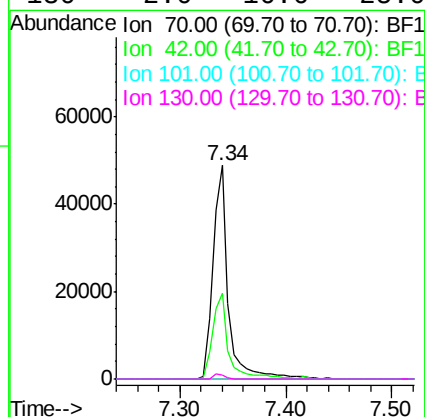
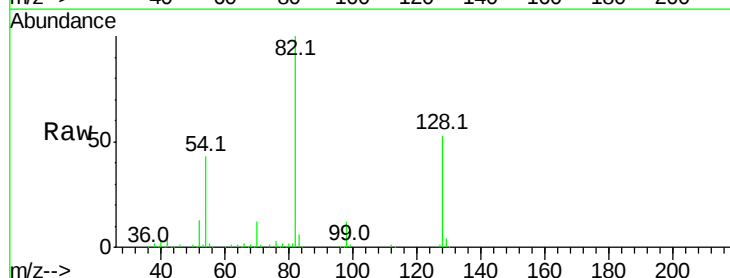
Ion Ratio Lower Upper

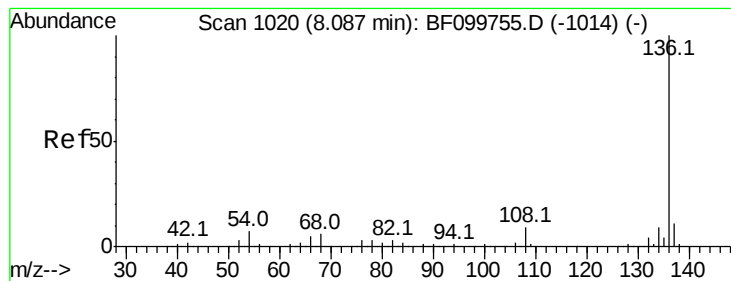
70 100

42 40.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

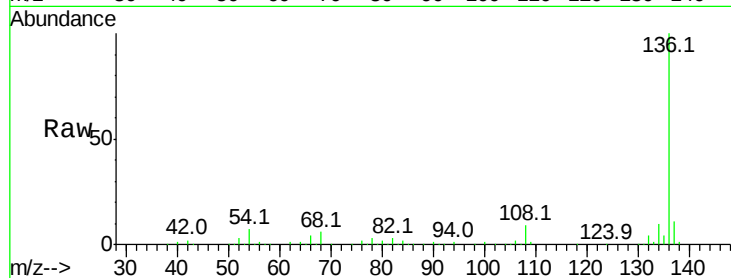




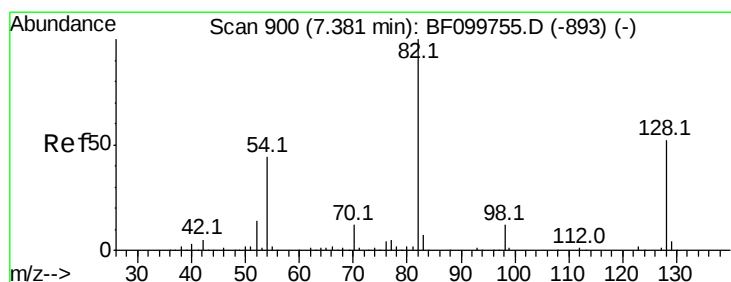
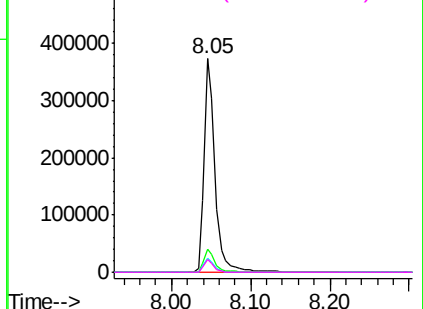
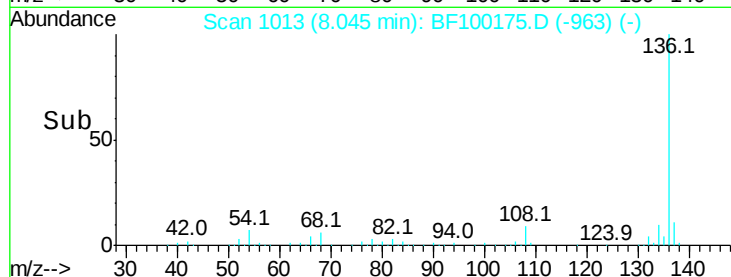
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100175.D
Acq: 4 Nov 2017 13:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	364987
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	6.6	9.8
68	6.1	5.0	7.4

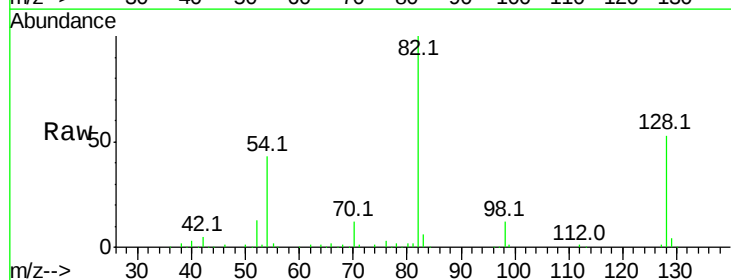


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

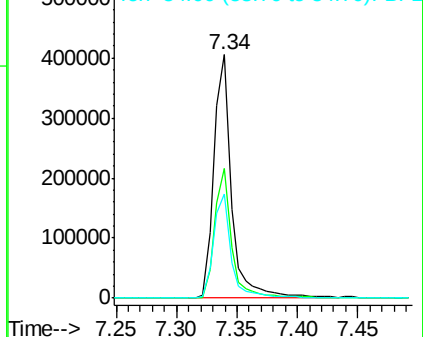
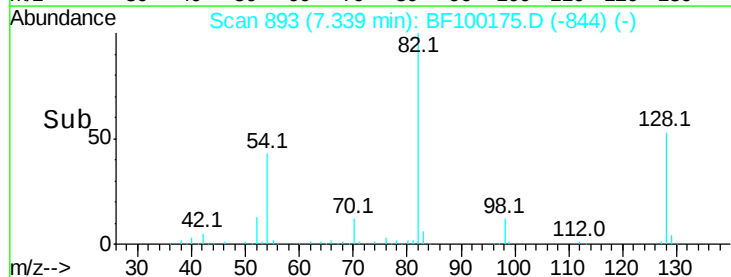


#23
Nitrobenzene-d5
Concen: 72.259 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100175.D
Acq: 4 Nov 2017 13:49

Tgt Ion:	82	Resp:	409654
Ion	Ratio	Lower	Upper
82	100		
128	53.2	36.1	54.1
54	42.6	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

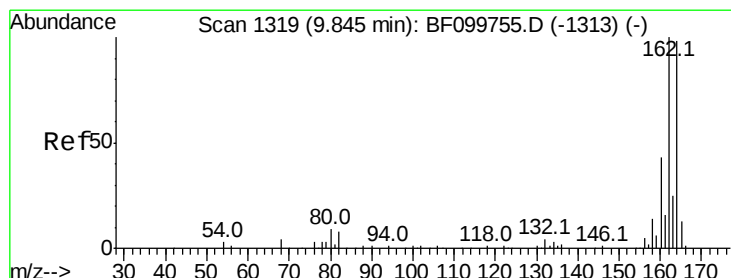
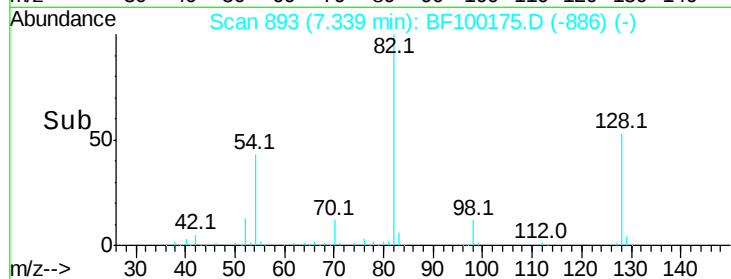
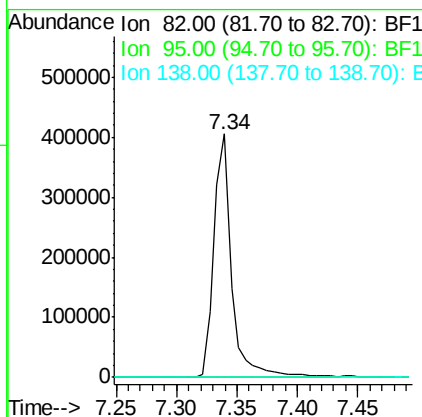
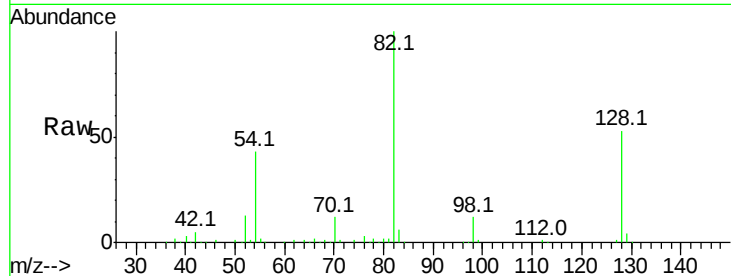




#25
Isophorone
Concen: 39.822 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.26 min
Lab File: BF100175.D
Acq: 4 Nov 2017 13:49

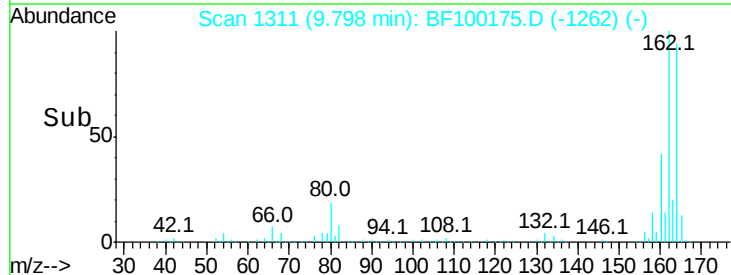
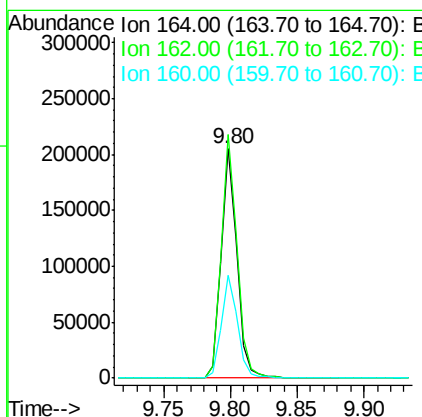
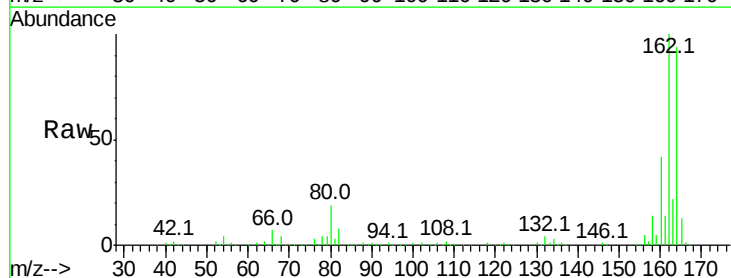
Instrument :
BNA_F
ClientSampleId :

Tot 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: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100175.D
Acq: 4 Nov 2017 13:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	45.0	38.3	57.5

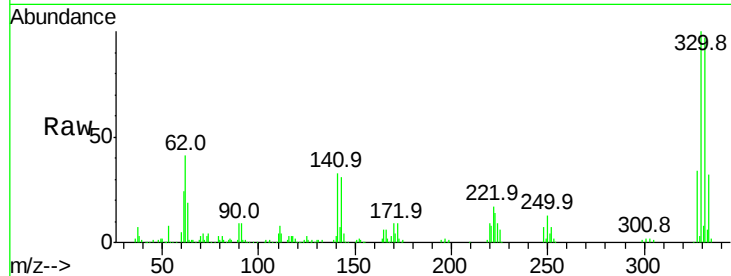




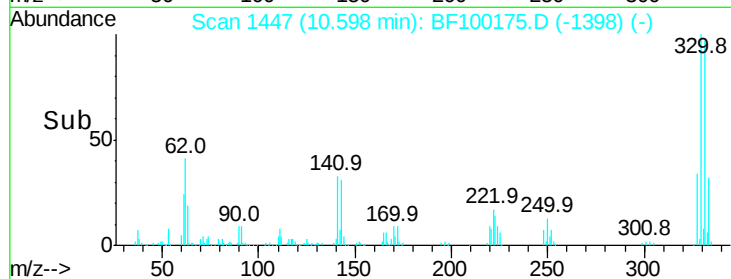
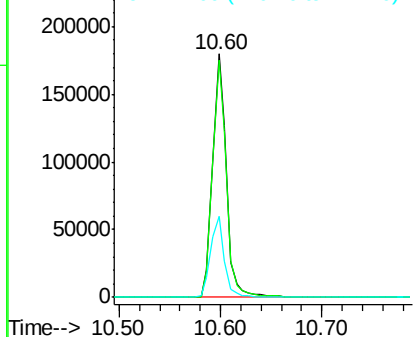
#41
 2,4,6-Tribromophenol
 Concen: 108.817 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF100175.D
 Acq: 4 Nov 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	33.2	29.9	44.9

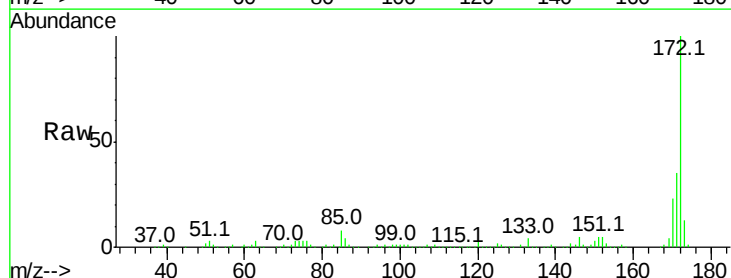


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

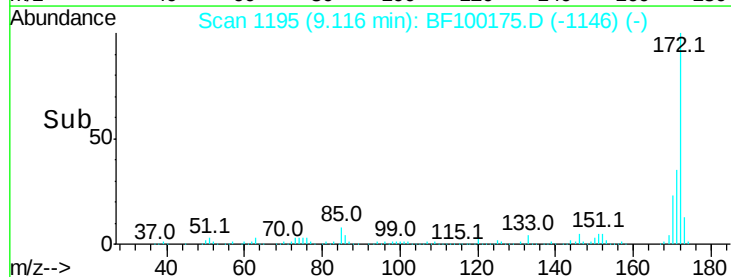
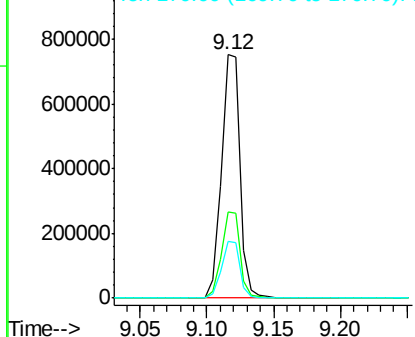


#44
 2-Fluorobiphenyl
 Concen: 66.358 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100175.D
 Acq: 4 Nov 2017 13:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	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

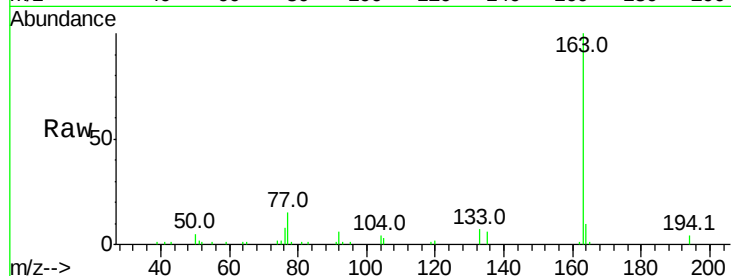




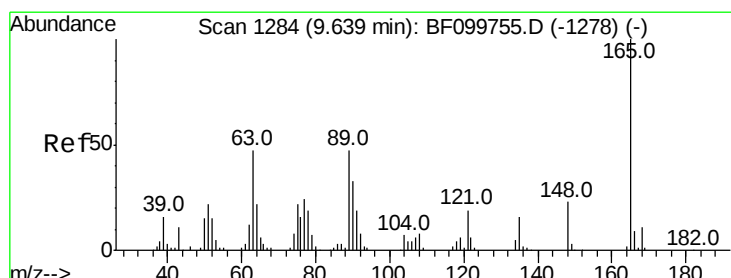
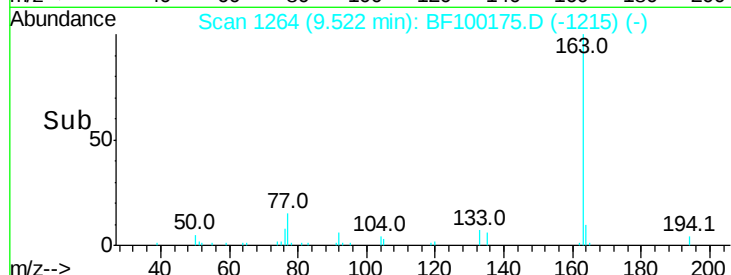
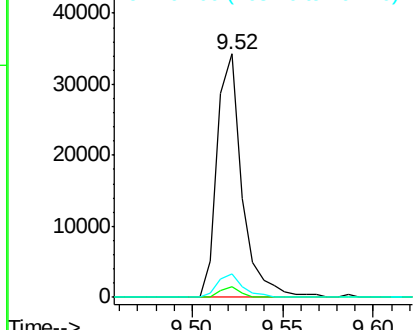
#49
Dimethylphthalate
Concen: 2.410 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF100175.D
Acq: 4 Nov 2017 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 32855
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 9.8 8.2 12.2

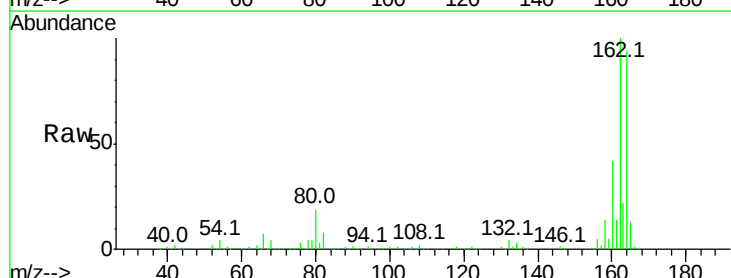


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

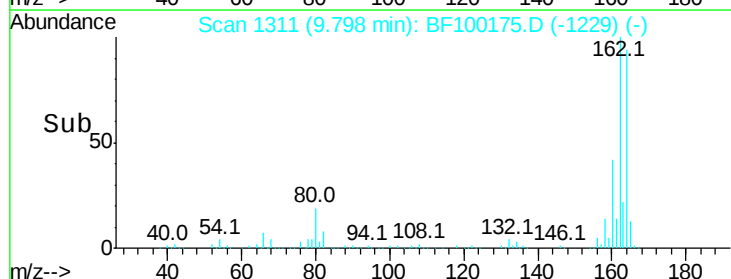
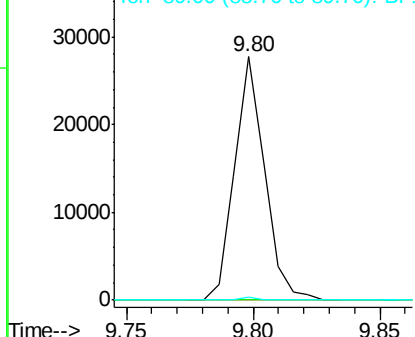


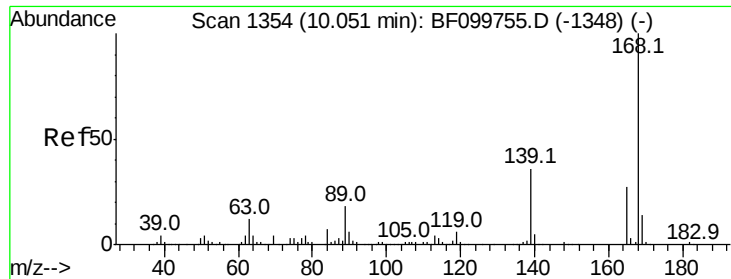
#50
2,6-Dinitrotoluene
Concen: 7.961 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.18 min
Lab File: BF100175.D
Acq: 4 Nov 2017 13:49

Tgt Ion:165 Resp: 22812
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.1 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

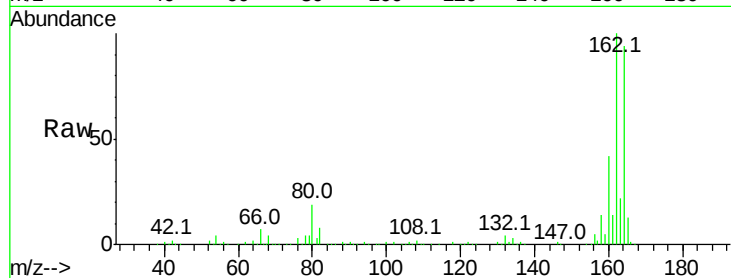




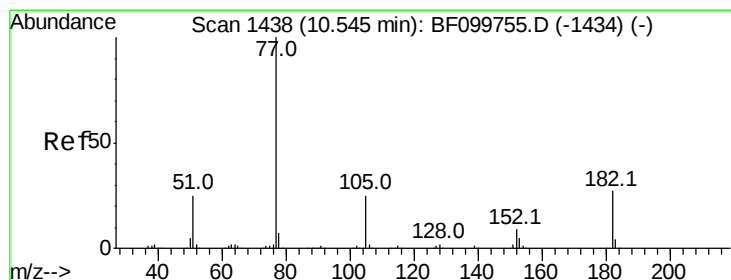
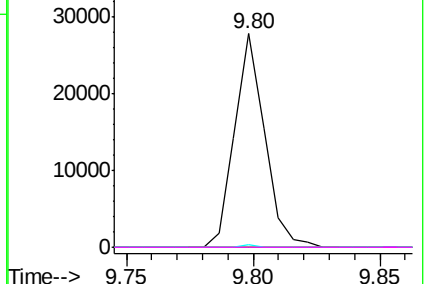
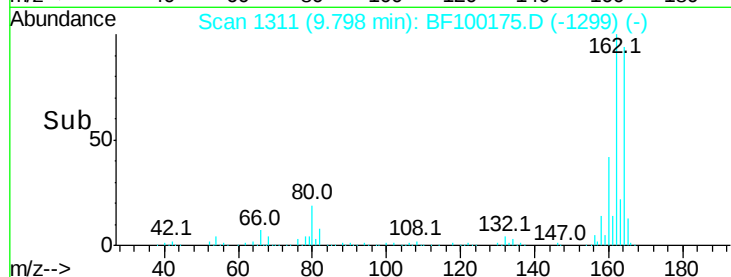
#56
 2,4-Dinitrotoluene
 Concen: 6.610 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.23 min
 Lab File: BF100175.D
 Acq: 4 Nov 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22812
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.1 57.8 86.6#
 182 0.0 1.6 2.4#

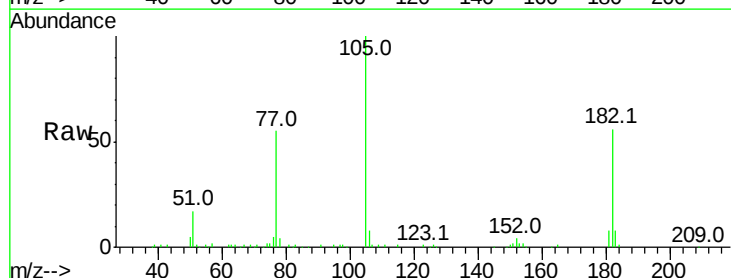


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

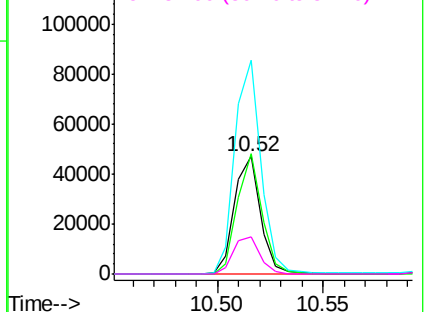
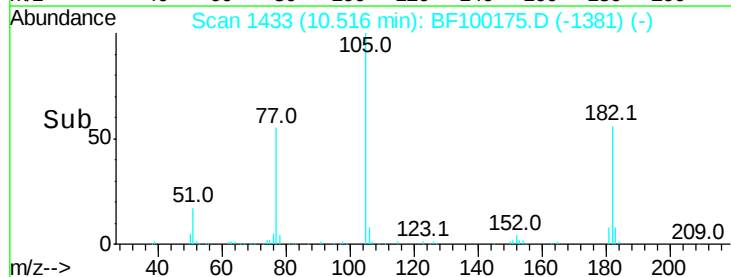


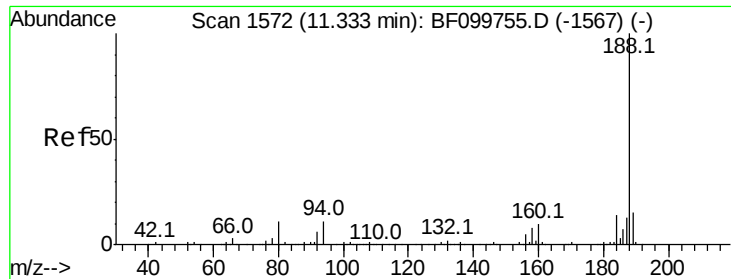
#62
 Azobenzene
 Concen: 3.578 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF100175.D
 Acq: 4 Nov 2017 13:49

Tgt Ion: 77 Resp: 39927
 Ion Ratio Lower Upper
 77 100
 182 102.1 1.7 41.7#
 105 181.5 3.0 43.0#
 51 31.5 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 182.00 (181.70 to 182.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 51.00 (50.70 to 51.70): BF1

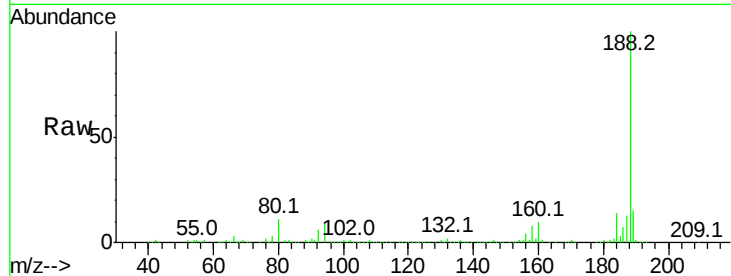




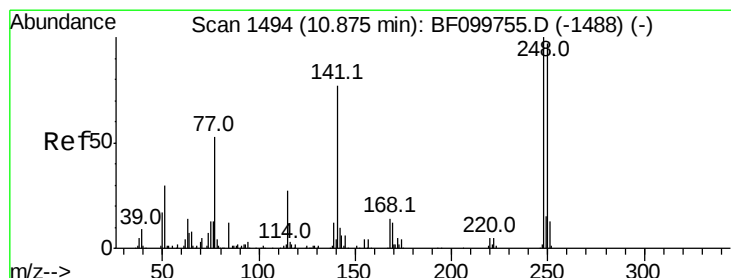
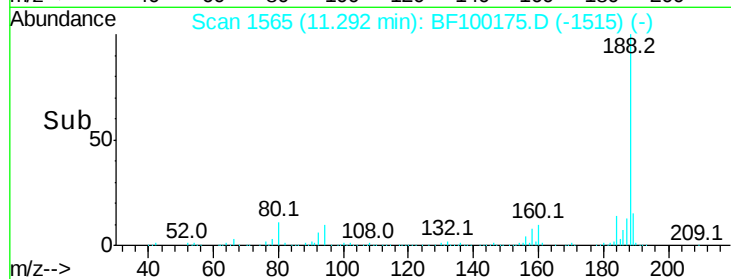
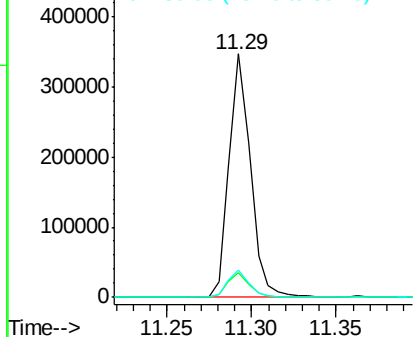
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF100175.D
Acq: 4 Nov 2017 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 307697
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.1 9.2 13.8

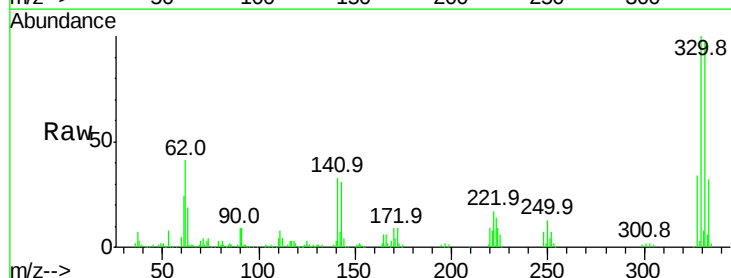


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

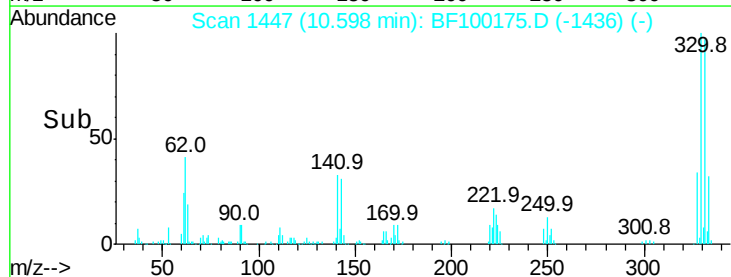
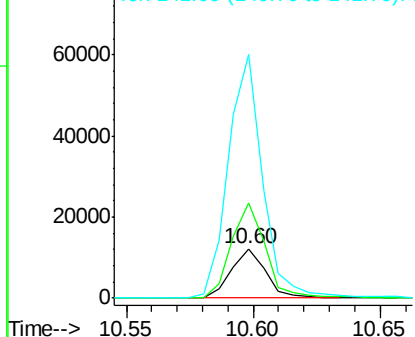


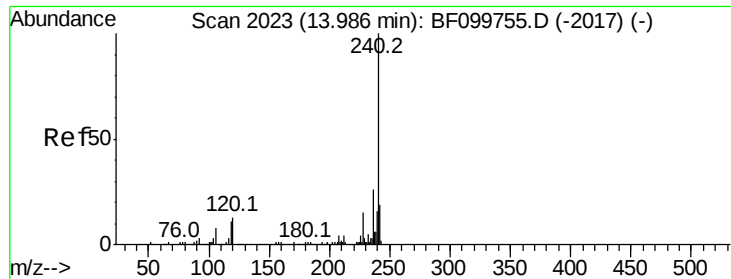
#66
4-Bromophenyl-phenylether
Concen: 3.520 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.24 min
Lab File: BF100175.D
Acq: 4 Nov 2017 13:49

Tgt Ion:248 Resp: 11403
Ion Ratio Lower Upper
248 100
250 193.0 76.9 115.3#
141 490.8 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: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF100175.D

Acq: 4 Nov 2017 13:49

Instrument :

BNA_F

ClientSampleId :

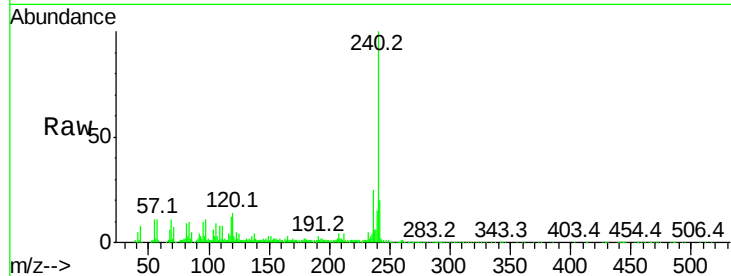
Tot Ion:240 Resp: 156357

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

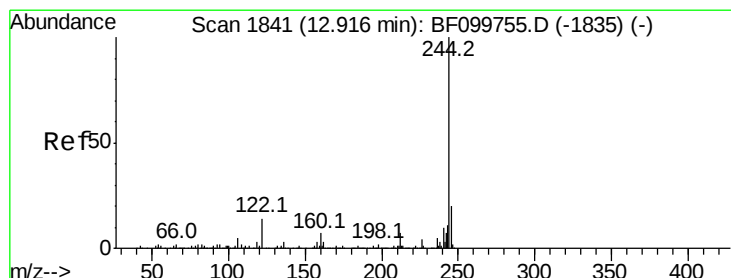
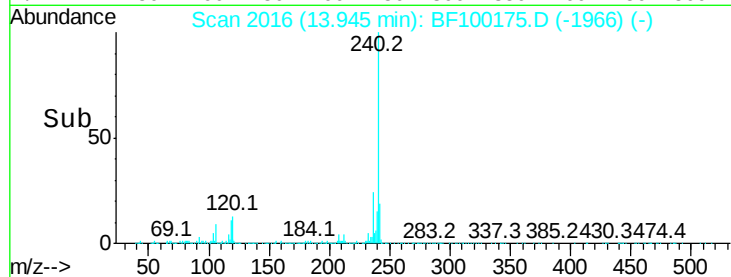
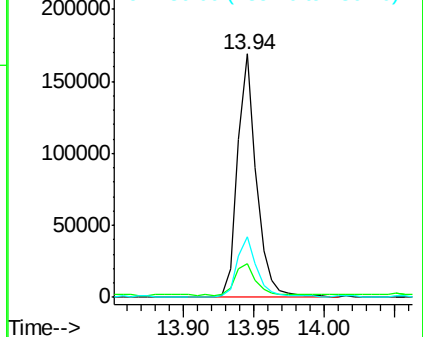
236 24.7 20.7 31.1



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: 74.731 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF100175.D

Acq: 4 Nov 2017 13:49

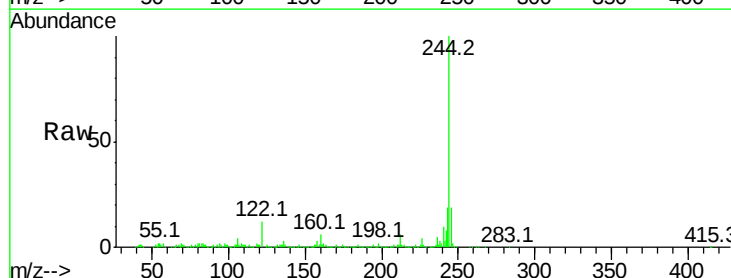
Tgt Ion:244 Resp: 534680

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

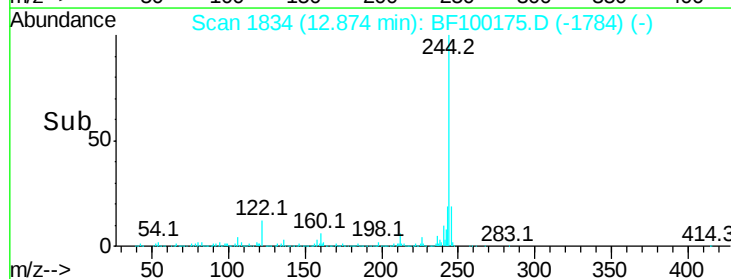
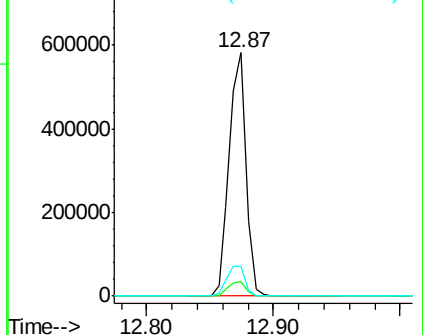
122 12.3 11.0 16.4

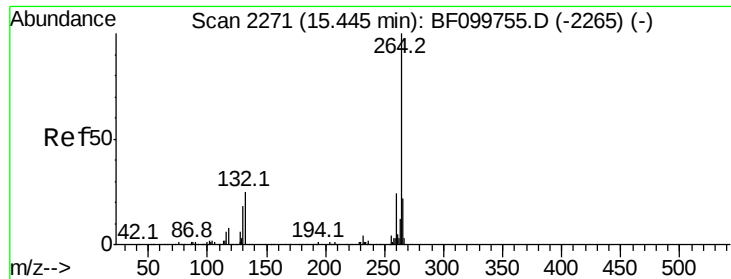


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

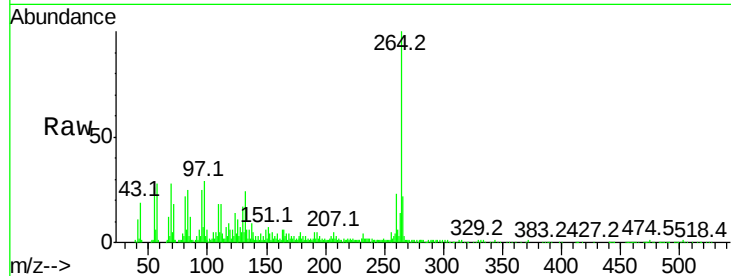




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF100175.D
Acq: 4 Nov 2017 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	22.1	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

