

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099813.D
 Acq On : 25 Oct 2017 15:10
 Operator : SJ/JU
 Sample : I6064-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 16:57:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

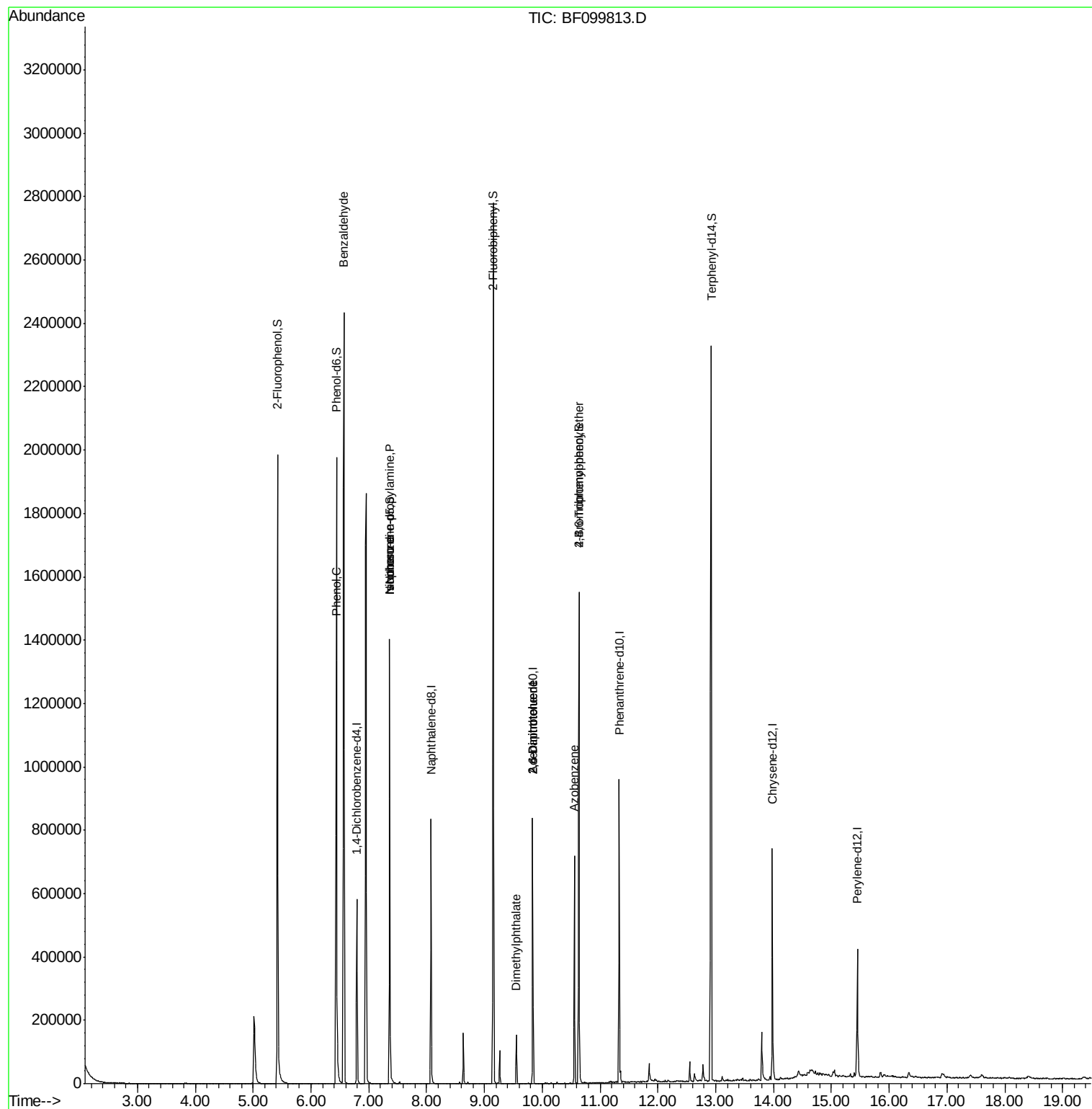
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	87706	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	380707	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	179955	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	330372	20.00	ng	0.00
75) Chrysene-d12	13.98	240	225252	20.00	ng	0.00
86) Perylene-d12	15.45	264	182661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	708680	126.86	ng	0.00
7) Phenol-d6	6.44	99	865655	130.68	ng	-0.01
23) Nitrobenzene-d5	7.36	82	507384	85.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	202391	123.41	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	930885	79.81	ng	0.00
78) Terphenyl-d14	12.92	244	826733	80.21	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	12717	3.213	ng	87
10) Phenol	6.45	94	42010	5.776	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	64973	16.738	ng	# 72
25) Isophorone	7.36	82	507434	47.290	ng	# 64
49) Dimethylphthalate	9.55	163	60577	4.251	ng	99
50) 2,6-Dinitrotoluene	9.83	165	22798	7.610	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	22798	6.319	ng	# 21
62) Azobenzene	10.56	77	121574	10.421	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	13696	3.938	ng	# 1

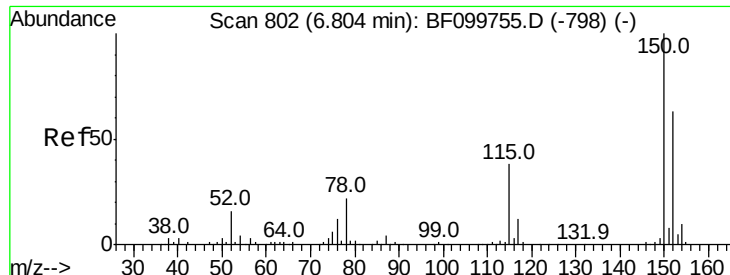
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099813.D
Acq On : 25 Oct 2017 15:10
Operator : SJ/JU
Sample : I6064-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 25 16:57:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 23:39:26 2017
Response via : Initial Calibration



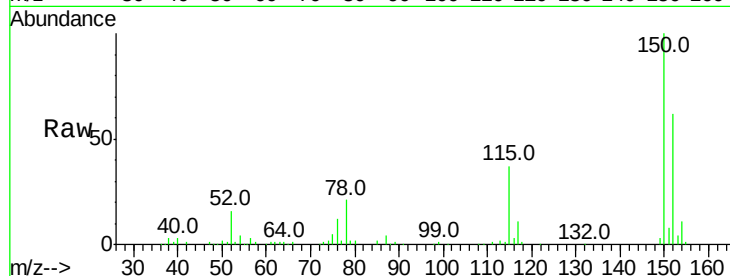


#1

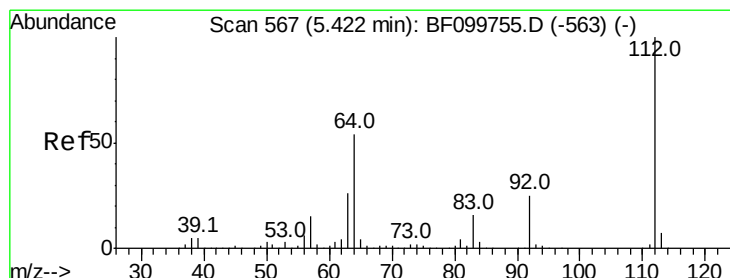
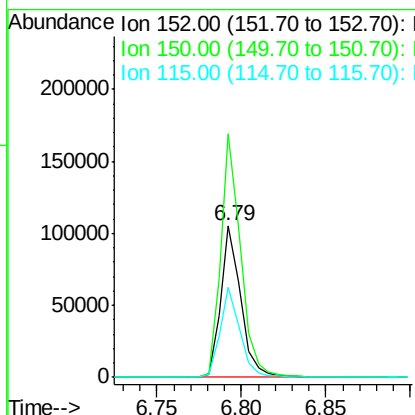
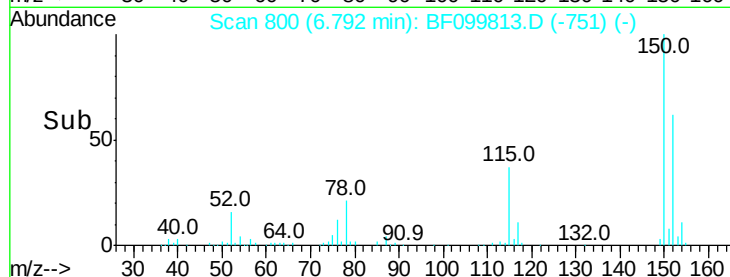
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF099813.D
 Acq: 25 Oct 2017 15:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 87706
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.6 186.8
 115 59.2 50.1 75.1



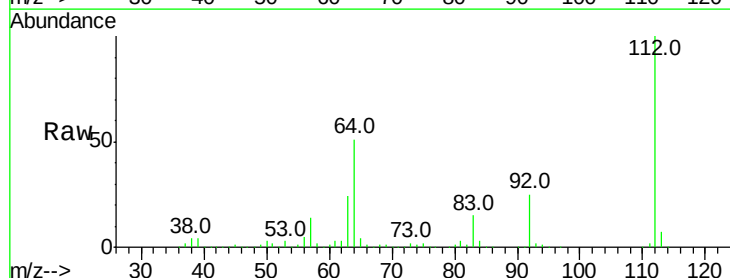
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



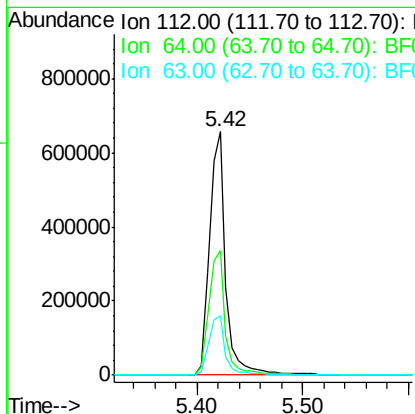
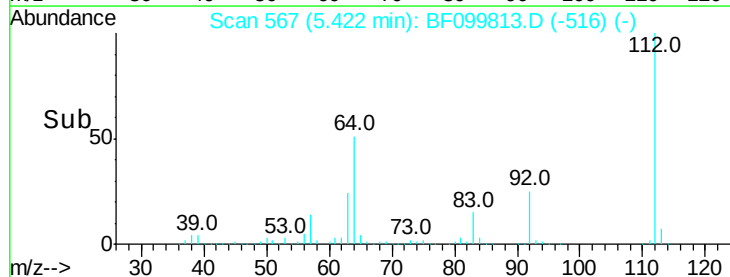
#5

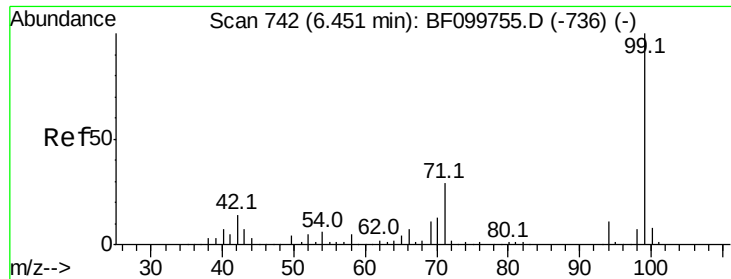
2-Fluorophenol
 Concen: 126.856 ng
 RT: 5.42 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: BF099813.D
 Acq: 25 Oct 2017 15:10

Tgt Ion:112 Resp: 708680
 Ion Ratio Lower Upper
 112 100
 64 51.2 47.9 71.9
 63 24.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.684 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF099813.D

Acq: 25 Oct 2017 15:10

Instrument :

BNA_F

ClientSampleId :

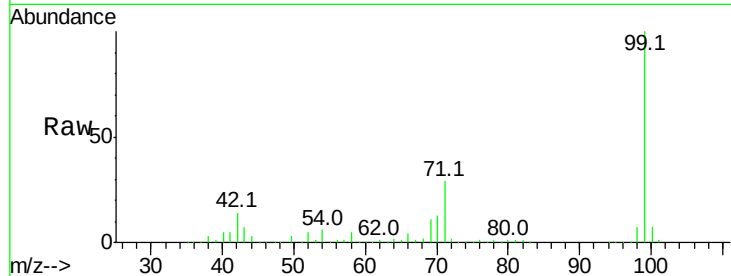
Tot Ion: 99 Resp: 865655

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

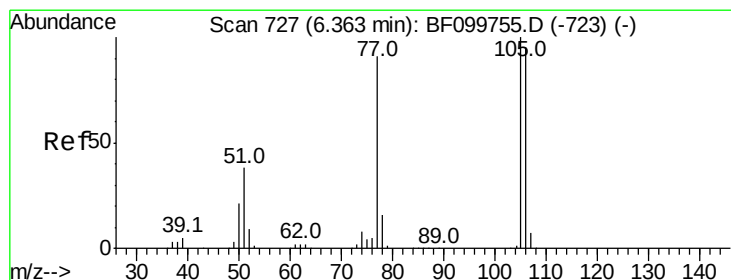
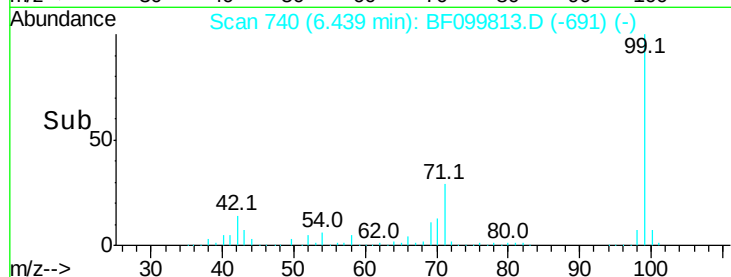
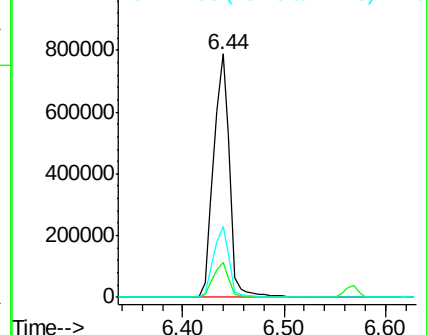
71 29.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.213 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.21 min

Lab File: BF099813.D

Acq: 25 Oct 2017 15:10

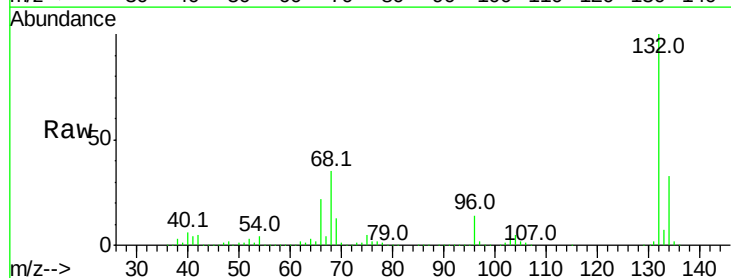
Tgt Ion: 77 Resp: 12717

Ion Ratio Lower Upper

77 100

105 87.3 81.1 121.1

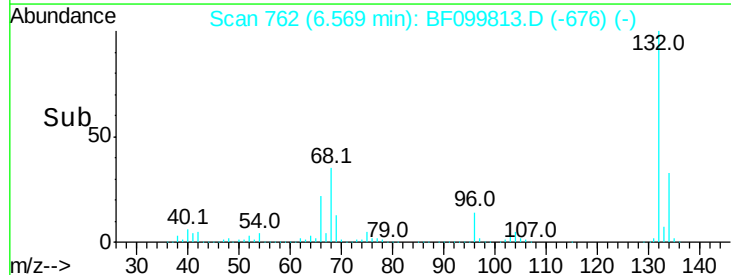
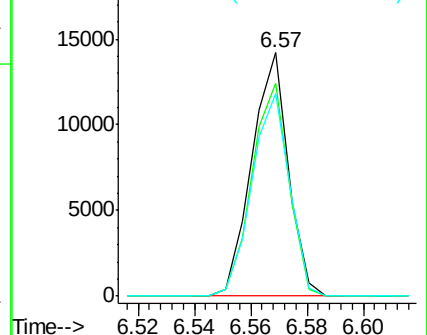
106 83.4 74.5 114.5

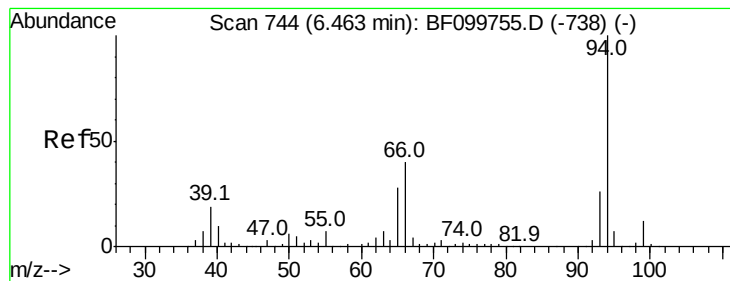


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 5.776 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099813.D

Acq: 25 Oct 2017 15:10

Instrument :

BNA_F

ClientSampled :

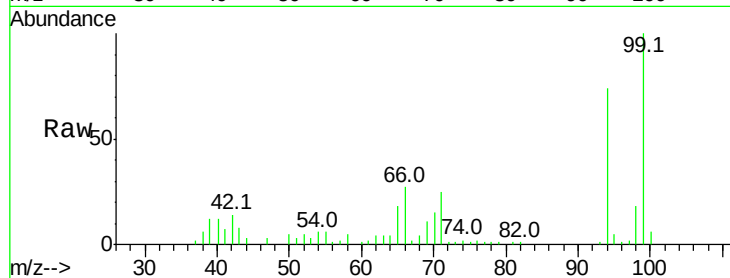
Tot Ion: 94 Resp: 42010

Ion Ratio Lower Upper

94 100

65 24.2 7.9 47.9

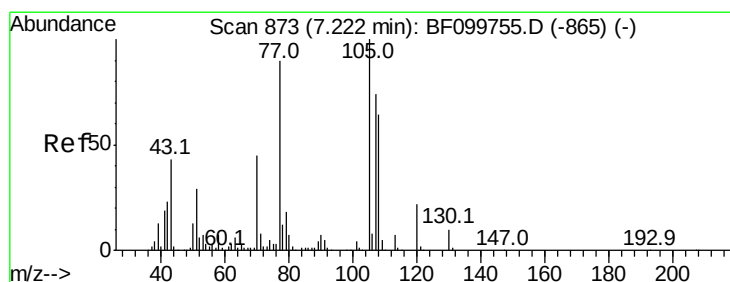
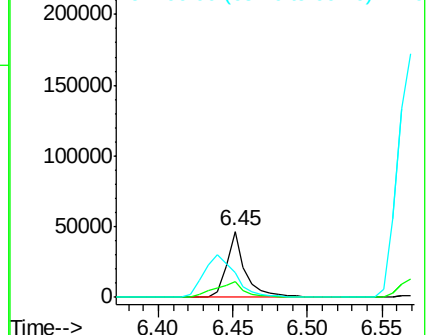
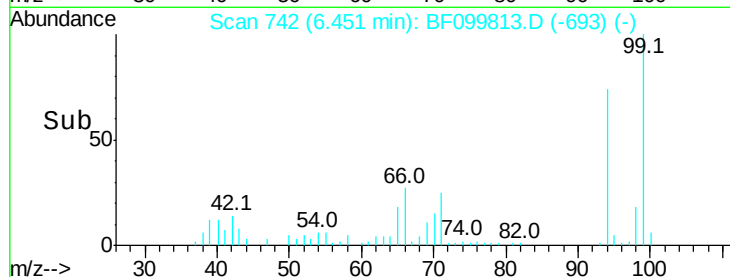
66 36.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.738 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF099813.D

Acq: 25 Oct 2017 15:10

Tgt Ion: 70 Resp: 64973

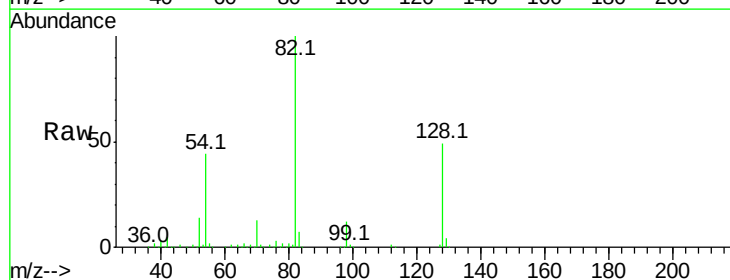
Ion Ratio Lower Upper

70 100

42 41.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

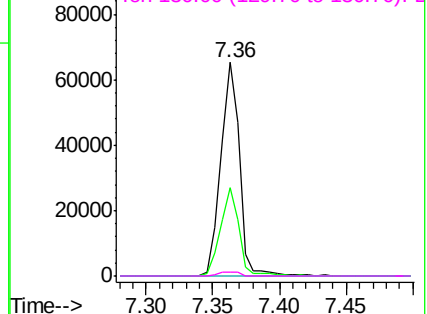
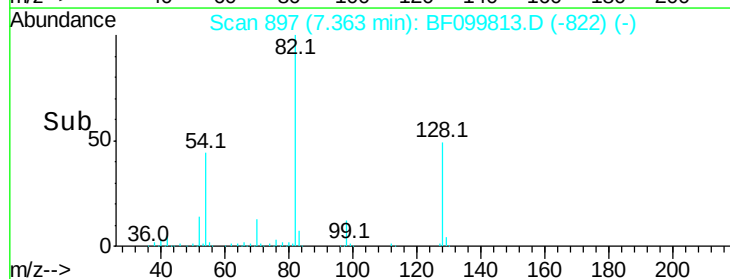


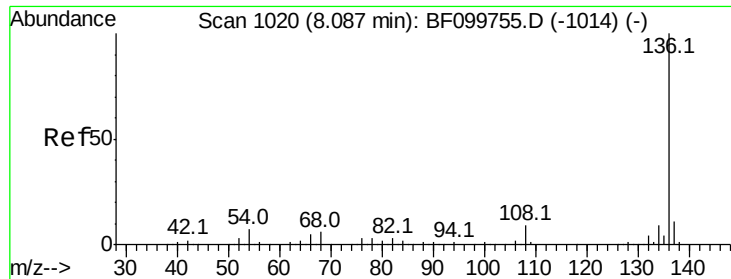
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

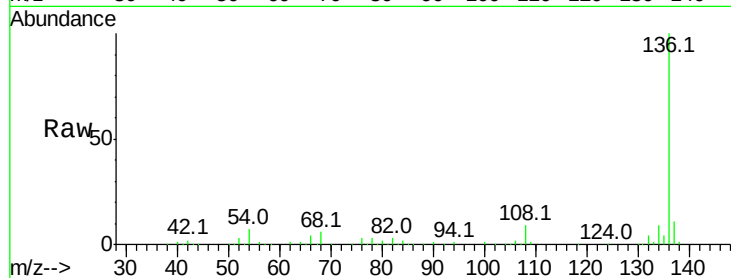




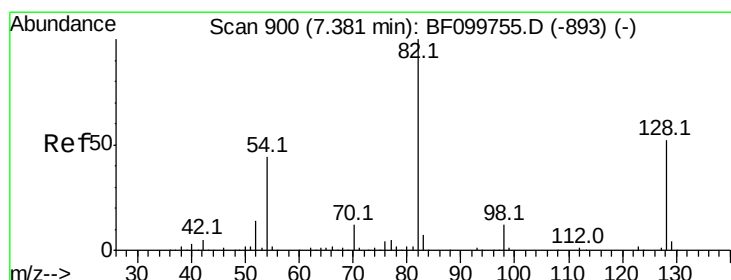
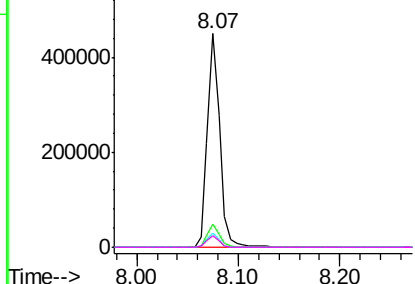
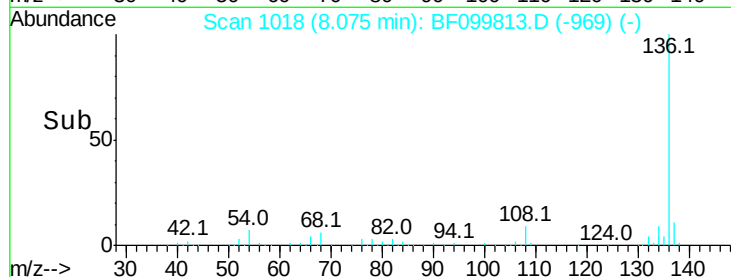
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099813.D
Acq: 25 Oct 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	380707
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.5	6.6	9.8#
68	5.7	5.0	7.4

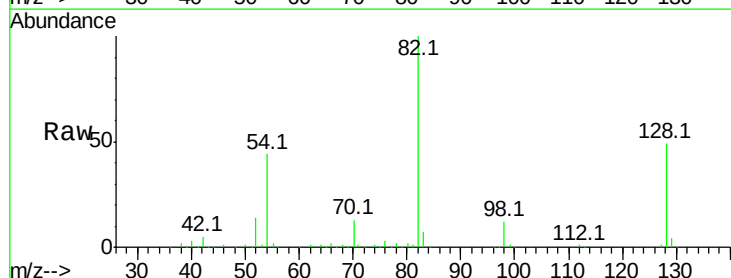


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

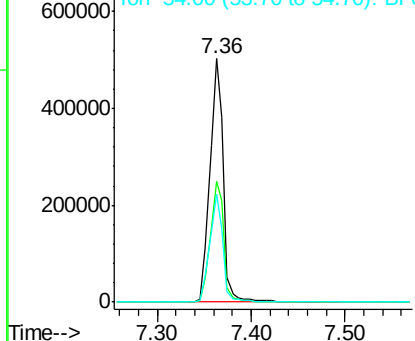
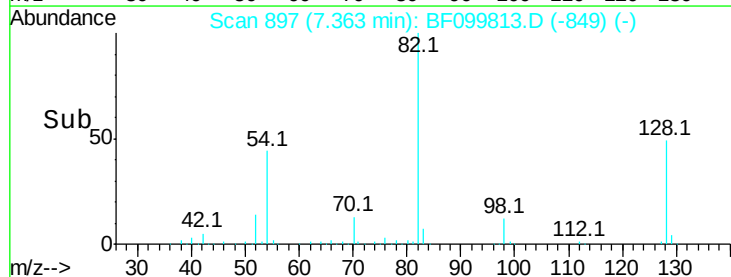


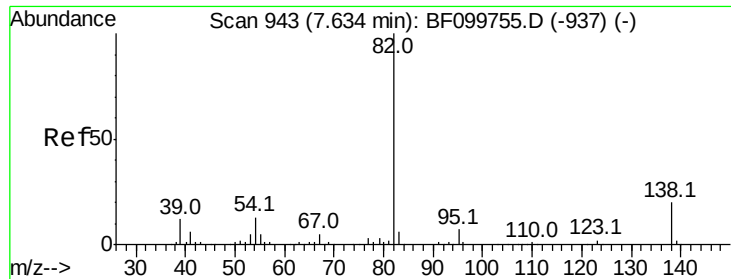
#23
Nitrobenzene-d5
Concen: 85.803 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF099813.D
Acq: 25 Oct 2017 15:10

Tgt Ion:	82	Resp:	507384
Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.1	54.1
54	44.4	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 47.290 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.27 min

Lab File: BF099813.D

Acq: 25 Oct 2017 15:10

Instrument :

BNA_F

ClientSampleId :

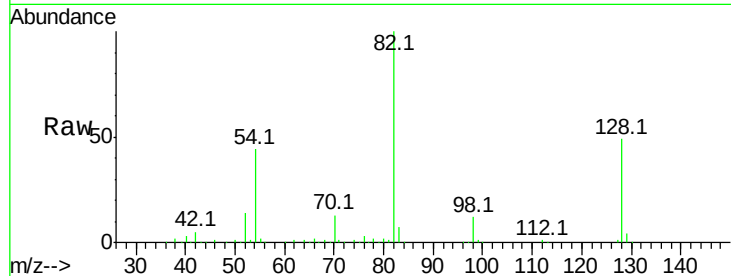
Tot Ion: 82 Resp: 507434

Ion Ratio Lower Upper

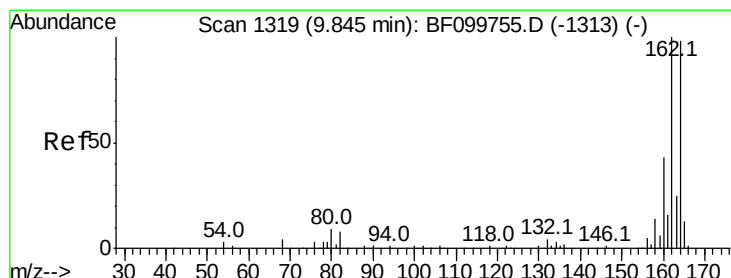
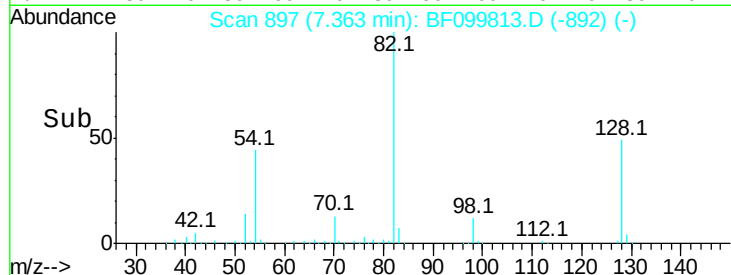
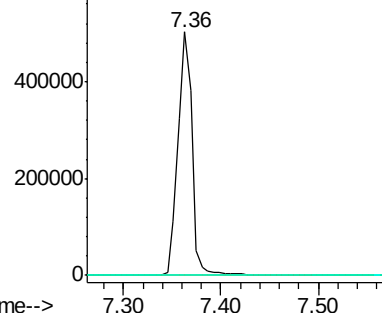
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF099813.D

Acq: 25 Oct 2017 15:10

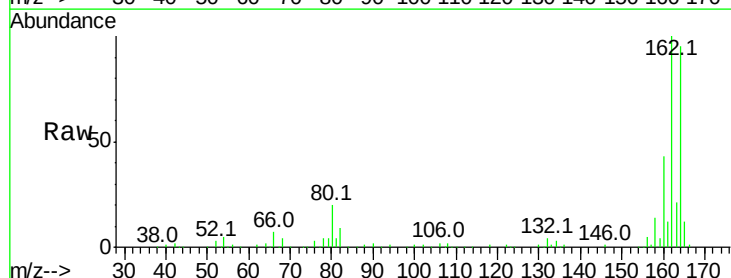
Tgt Ion: 164 Resp: 179955

Ion Ratio Lower Upper

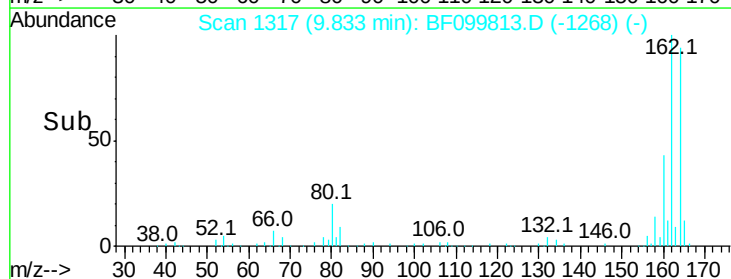
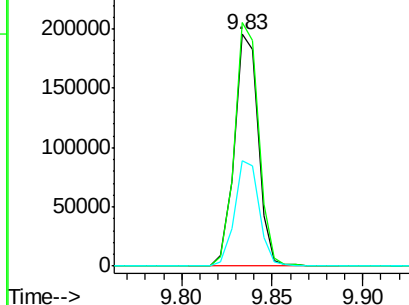
164 100

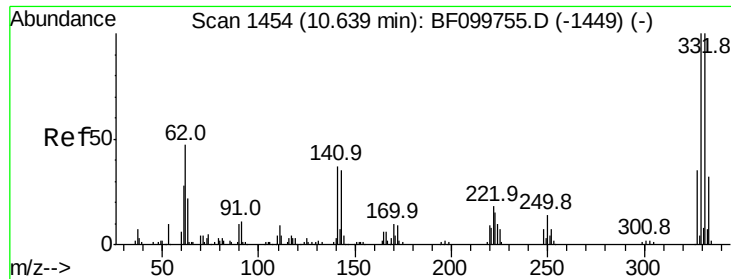
162 105.1 86.1 129.1

160 45.4 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

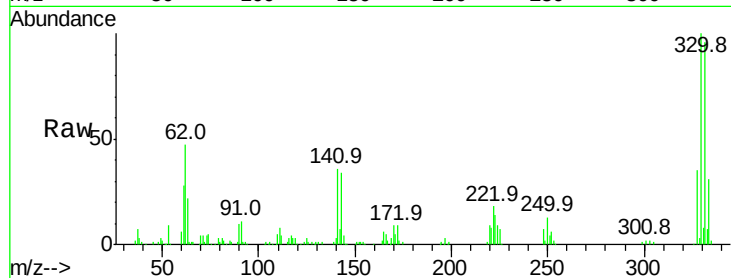




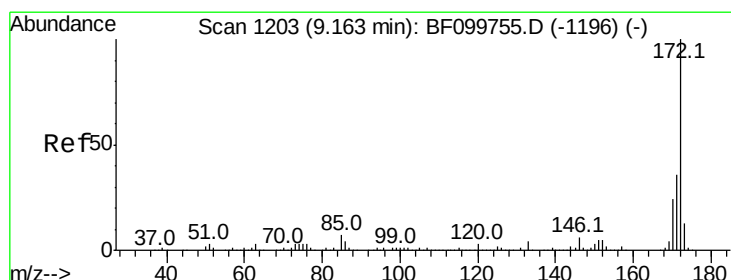
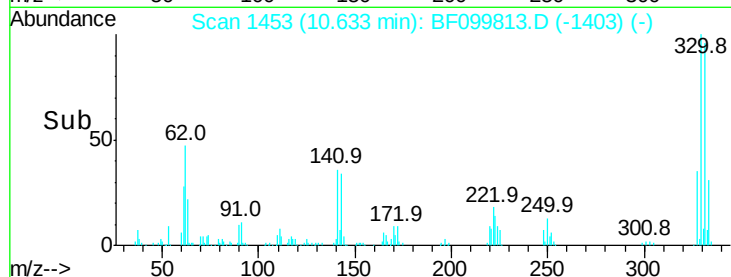
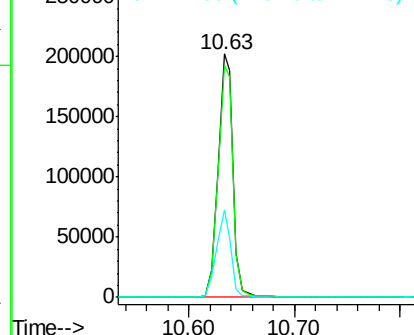
#41
 2,4,6-Tribromophenol
 Concen: 123.412 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF099813.D
 Acq: 25 Oct 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	34.6	29.9	44.9

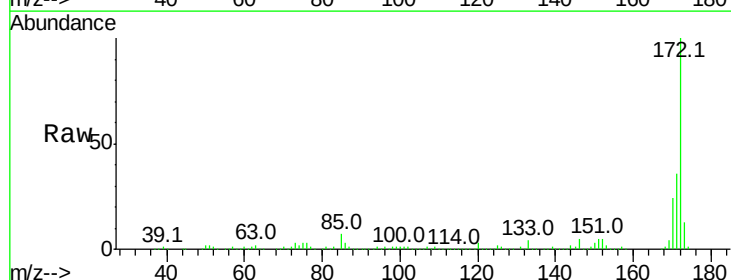


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

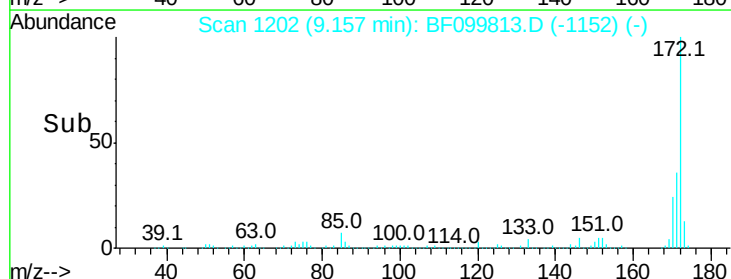
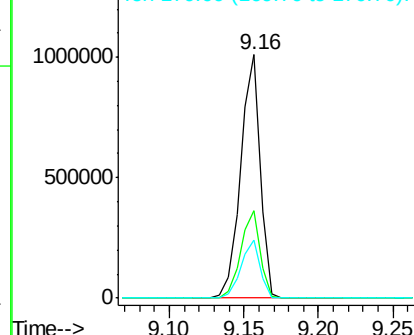


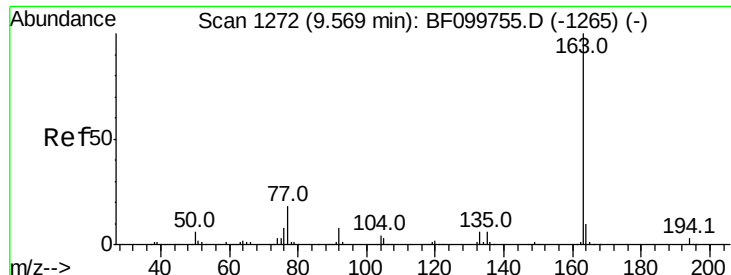
#44
 2-Fluorobiphenyl
 Concen: 79.809 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF099813.D
 Acq: 25 Oct 2017 15:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.6	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

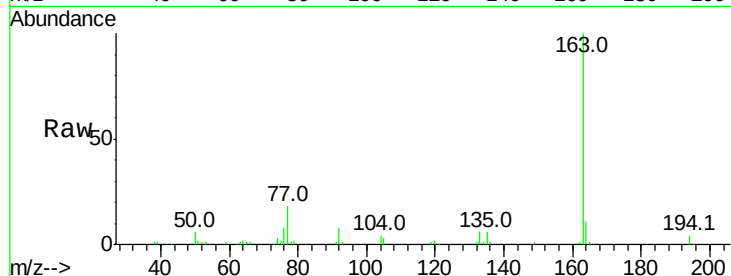




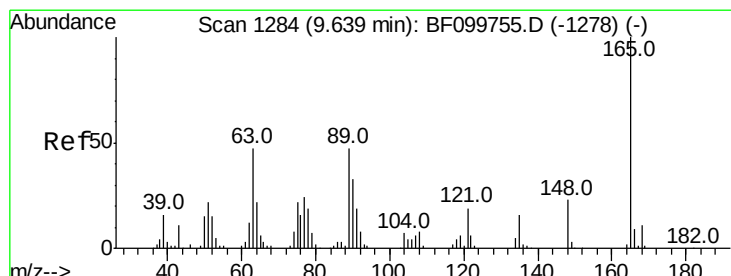
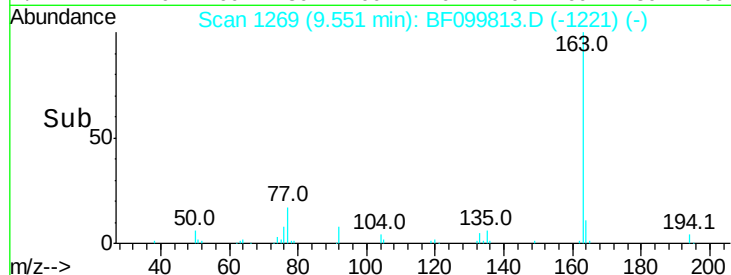
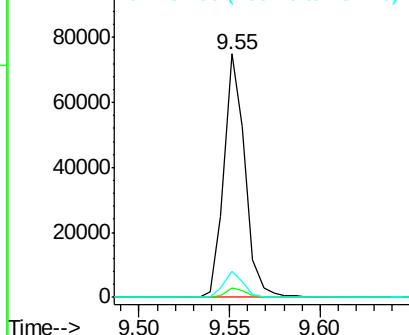
#49
Dimethylphthalate
Concen: 4.251 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF099813.D
Acq: 25 Oct 2017 15:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 60577
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.5 8.2 12.2

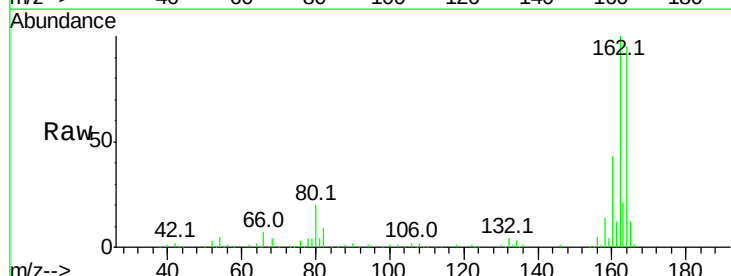


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

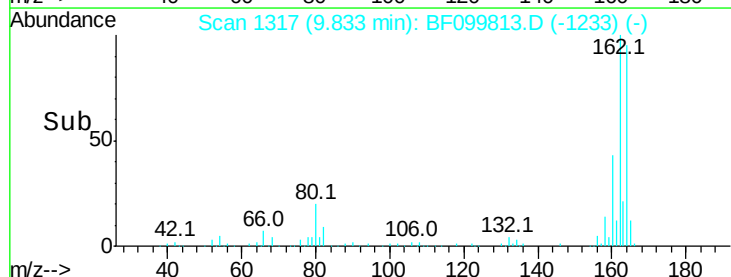
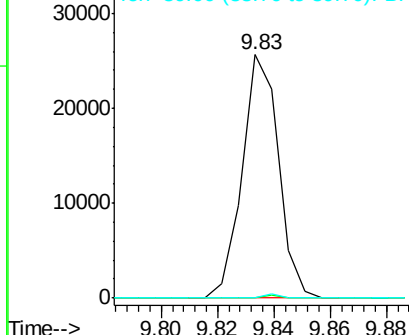


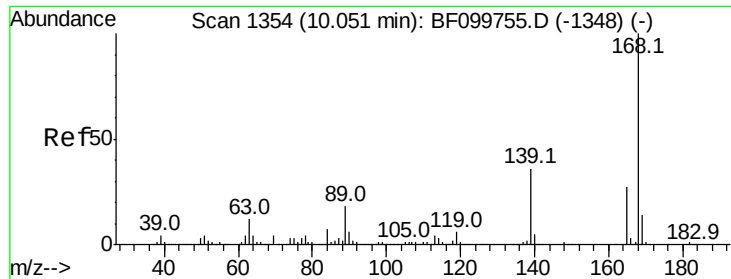
#50
2,6-Dinitrotoluene
Concen: 7.610 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.19 min
Lab File: BF099813.D
Acq: 25 Oct 2017 15:10

Tgt Ion:165 Resp: 22798
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): BF0
Ion 89.00 (88.70 to 89.70): BF0

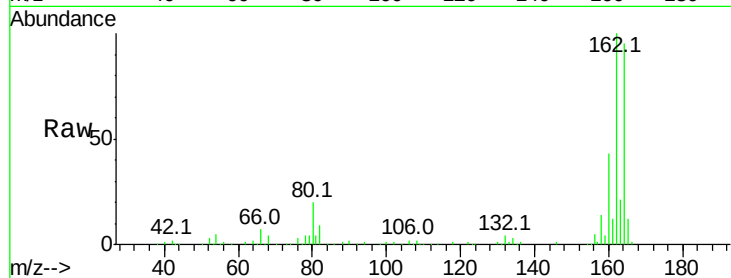




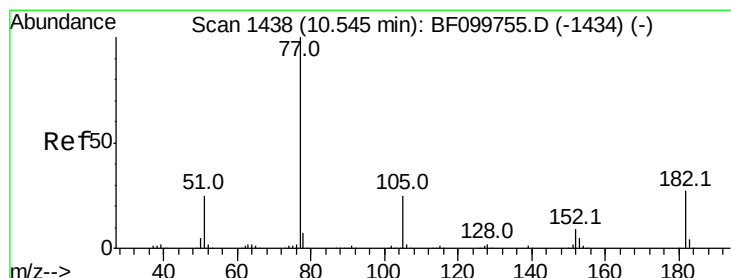
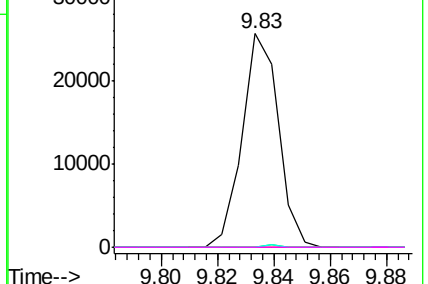
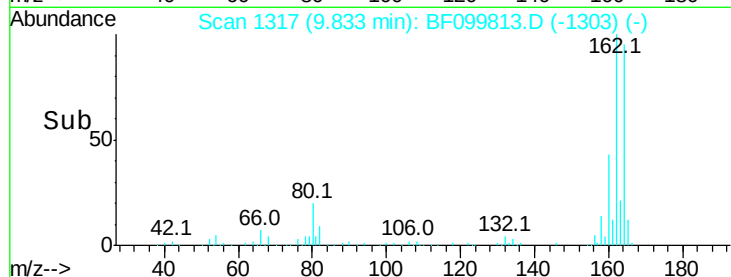
#56
 2,4-Dinitrotoluene
 Concen: 6.319 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF099813.D
 Acq: 25 Oct 2017 15:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22798
 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#

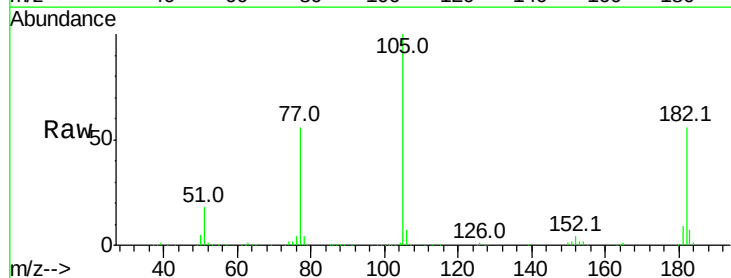


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

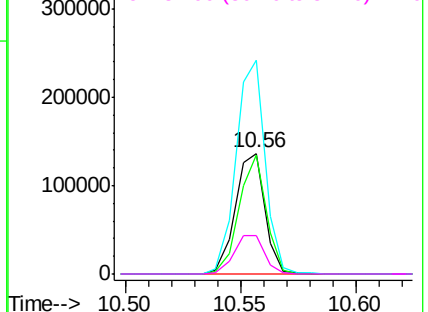
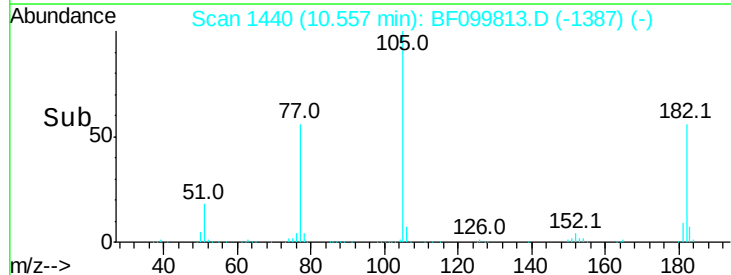


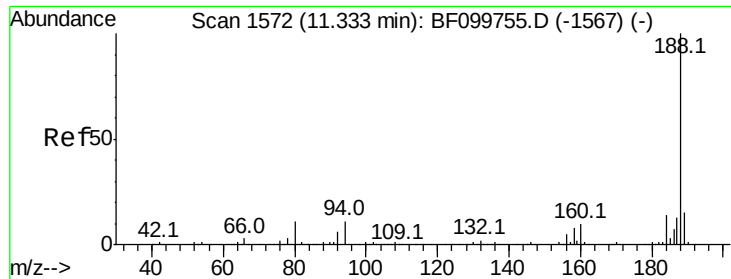
#62
 Azobenzene
 Concen: 10.421 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF099813.D
 Acq: 25 Oct 2017 15:10

Tgt Ion: 77 Resp: 121574
 Ion Ratio Lower Upper
 77 100
 182 99.2 1.7 41.7#
 105 177.4 3.0 43.0#
 51 32.0 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
 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): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF099813.D

Acq: 25 Oct 2017 15:10

Instrument :

BNA_F

ClientSampleId :

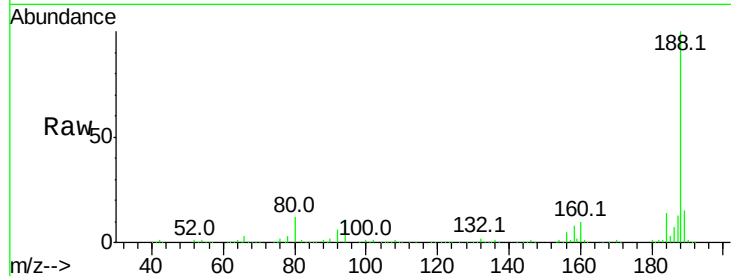
Tot Ion:188 Resp: 330372

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

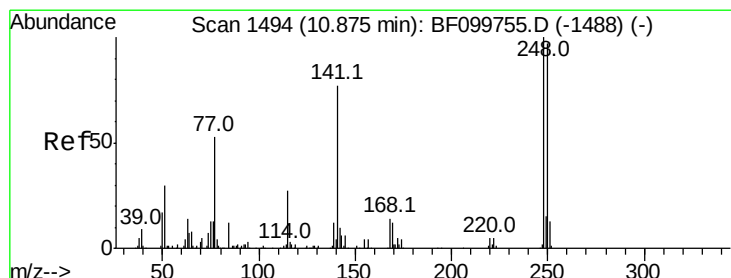
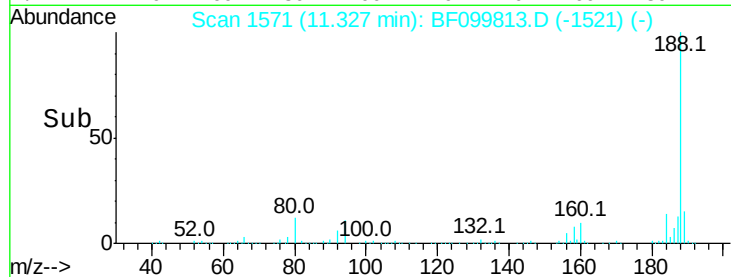
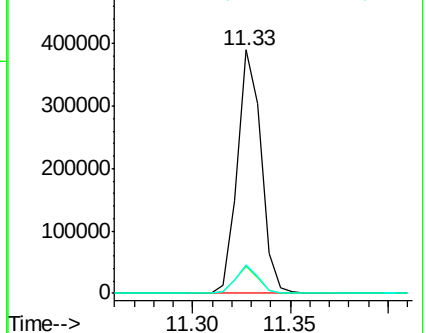
80 11.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 3.938 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.24 min

Lab File: BF099813.D

Acq: 25 Oct 2017 15:10

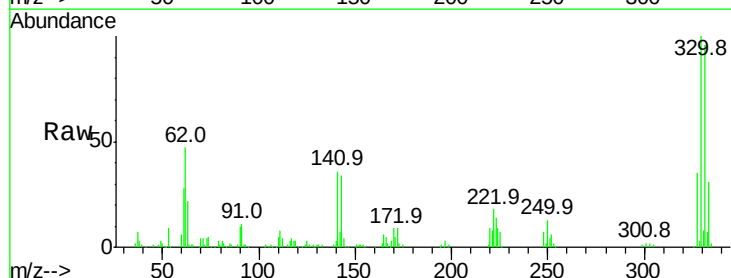
Tgt Ion:248 Resp: 13696

Ion Ratio Lower Upper

248 100

250 188.7 76.9 115.3#

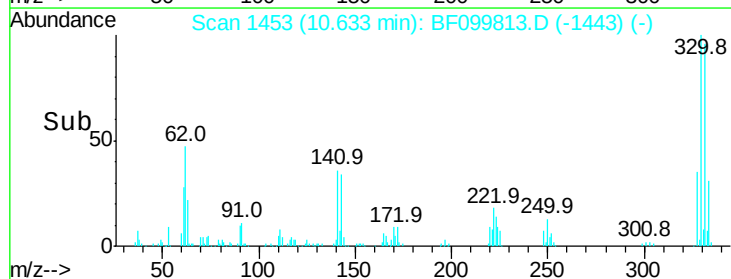
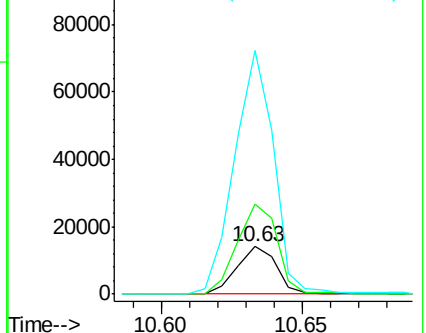
141 511.6 74.4 111.6#

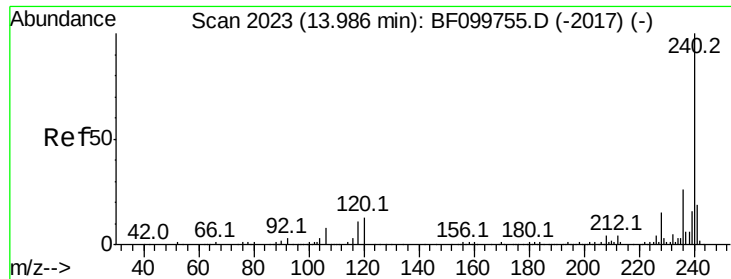


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

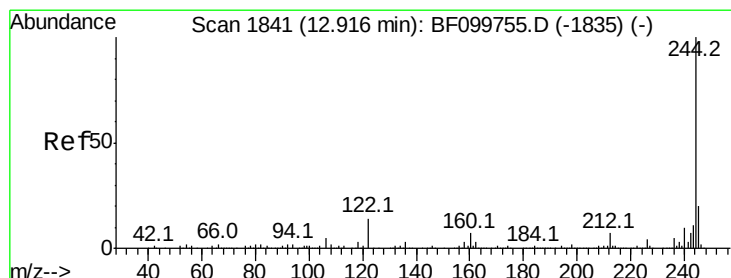
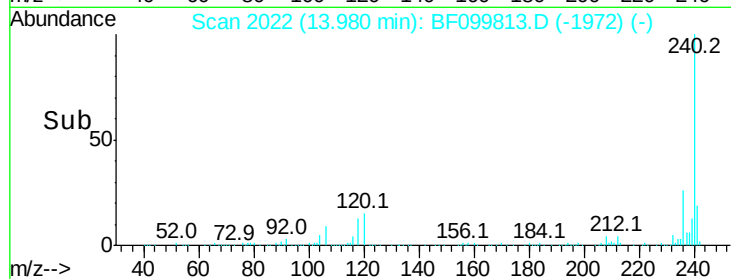
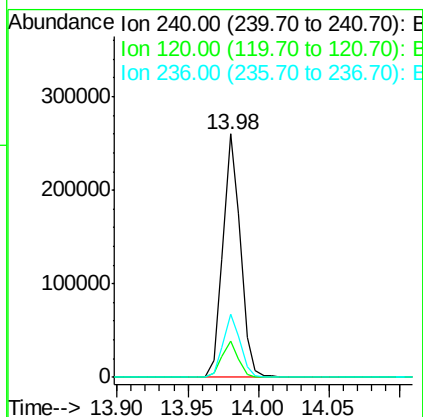
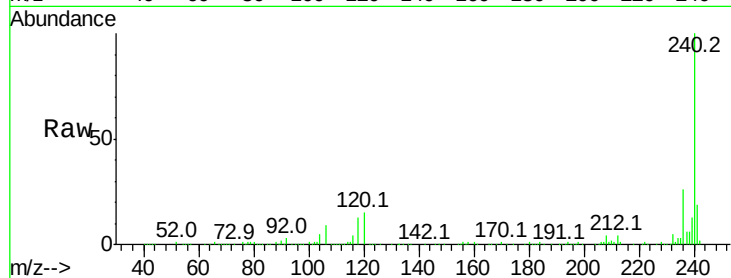




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099813.D
 Acq: 25 Oct 2017 15:10

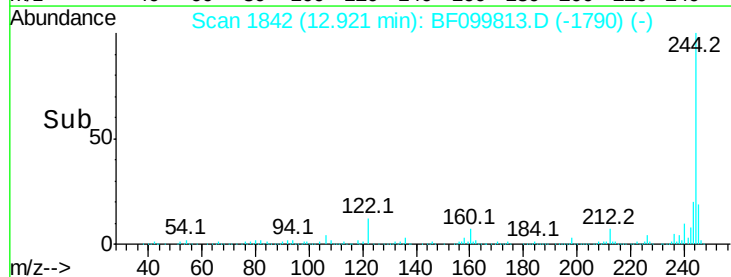
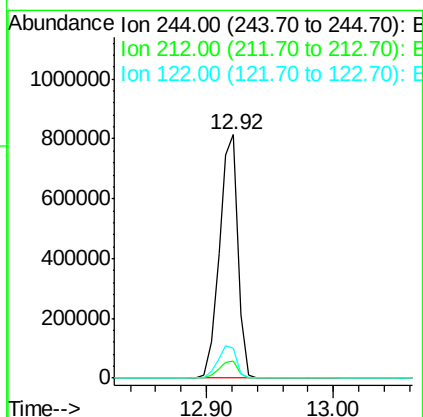
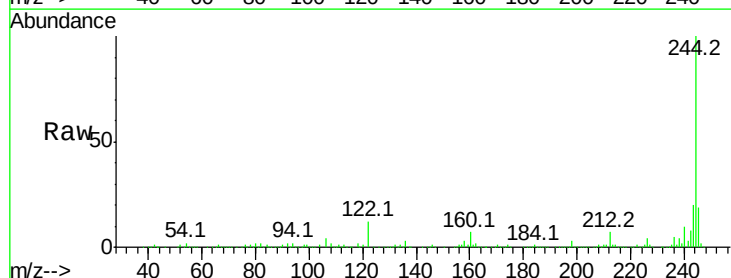
Instrument :
 BNA_F
 ClientSampleId :

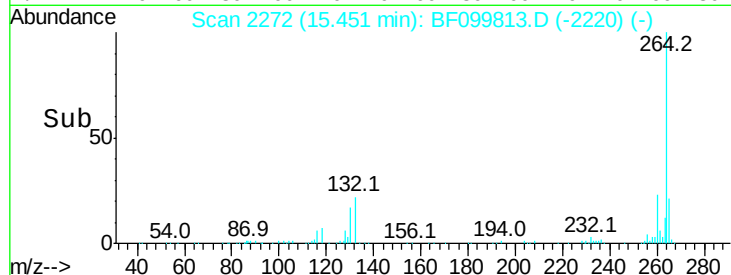
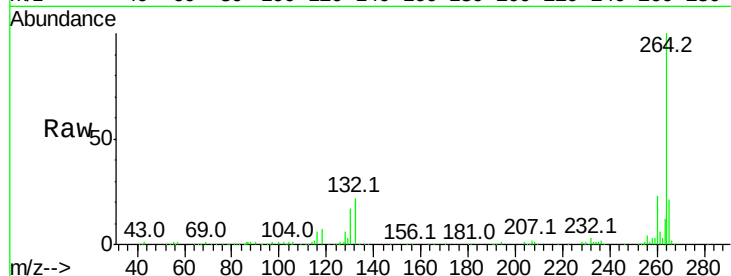
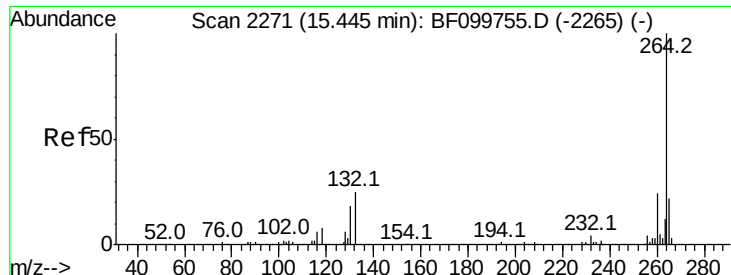
Tot Ion:240 Resp: 225252
 Ion Ratio Lower Upper
 240 100
 120 15.0 9.5 14.3#
 236 25.8 20.7 31.1



#78
 Terphenyl-d14
 Concen: 80.209 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF099813.D
 Acq: 25 Oct 2017 15:10

Tgt Ion:244 Resp: 826733
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.1 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099813.D
Acq: 25 Oct 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	182661
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	21.2	17.5	26.3

