

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099803.D
 Acq On : 24 Oct 2017 22:17
 Operator : SJ/JU
 Sample : I6019-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 07:40:10 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

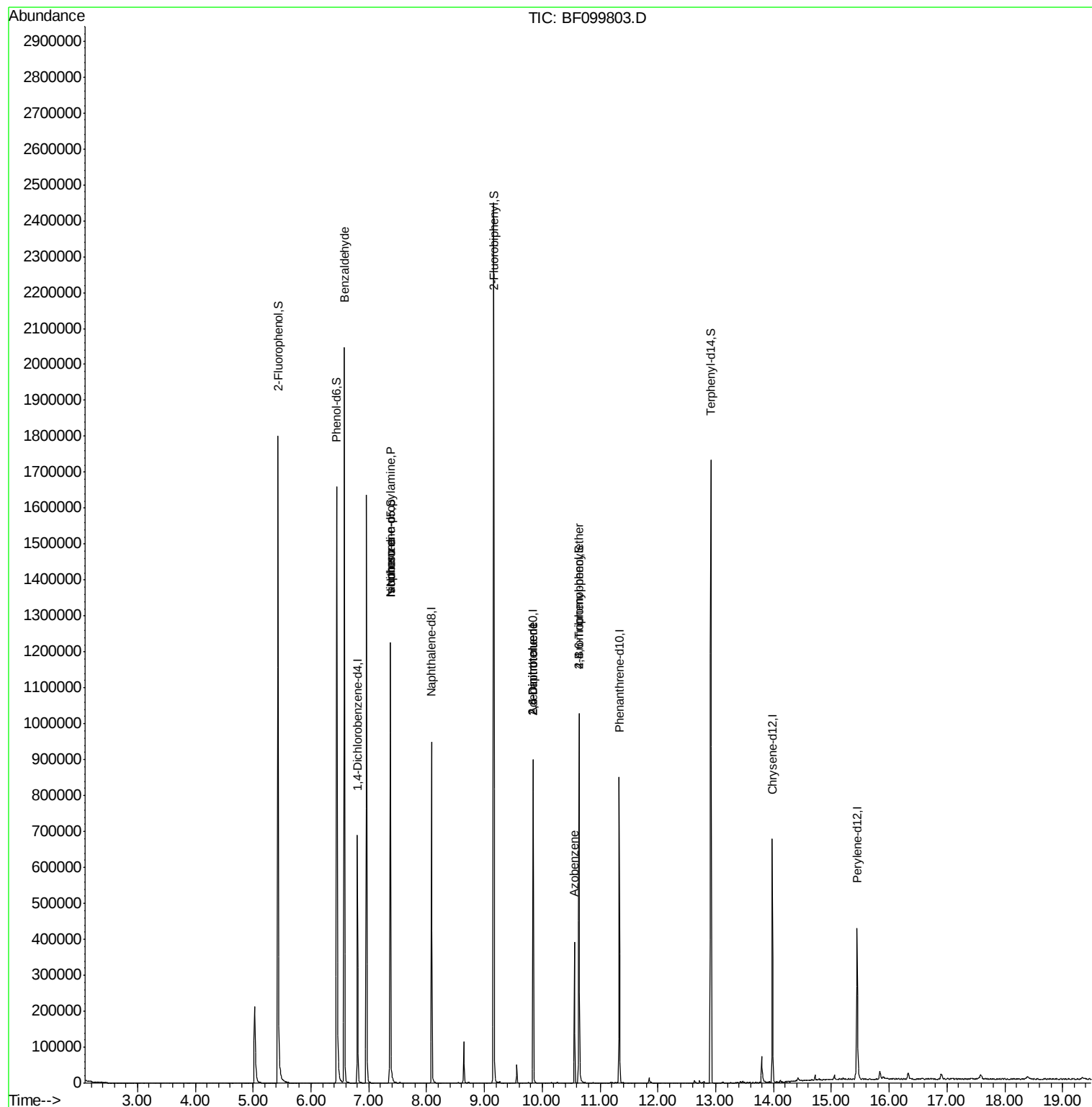
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105515	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	432711	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	187740	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	290761	20.00	ng	0.00
75) Chrysene-d12	13.98	240	207044	20.00	ng	0.00
86) Perylene-d12	15.45	264	203402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	617643	91.90	ng	0.00
7) Phenol-d6	6.45	99	737546	92.55	ng	0.00
23) Nitrobenzene-d5	7.37	82	418193	62.22	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	132361	77.36	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	810746	66.63	ng	0.00
78) Terphenyl-d14	12.92	244	550059	58.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	11200	2.35	ng	89
19) n-Nitroso-di-n-propylamine	7.37	70	53106	11.37	ng	# 73
25) Isophorone	7.37	82	418189	34.29	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	24565	7.86	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	24565	6.53	ng	# 22
62) Azobenzene	10.56	77	64677	5.31	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	8621	2.82	ng	# 1

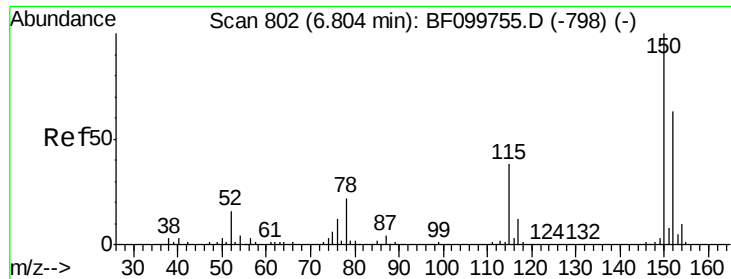
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099803.D
Acq On : 24 Oct 2017 22:17
Operator : SJ/JU
Sample : I6019-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 25 07:40:10 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



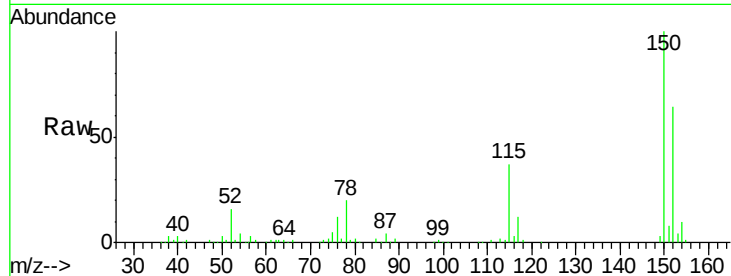


#1

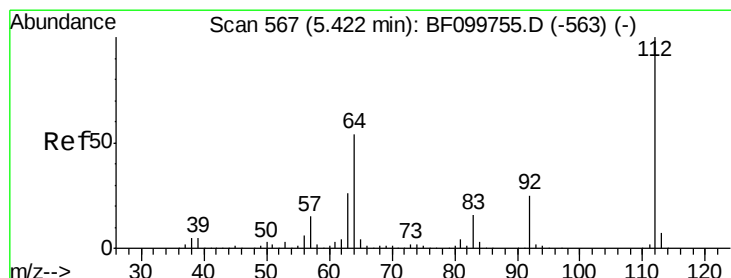
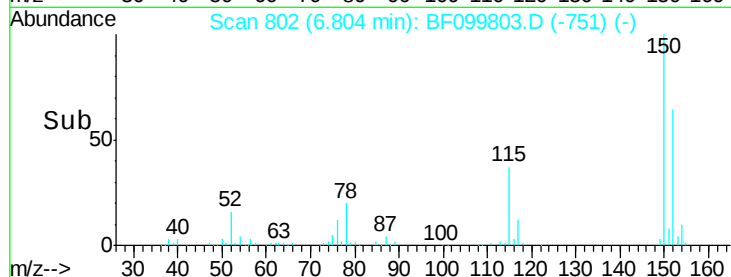
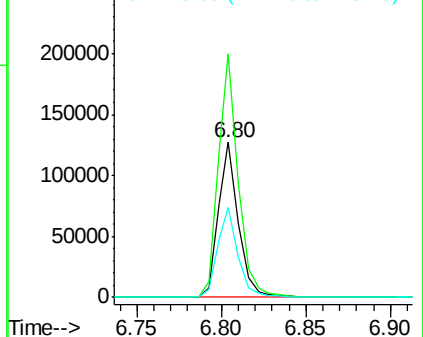
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099803.D
Acq: 24 Oct 2017 22:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 105515
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 58.5 50.1 75.1



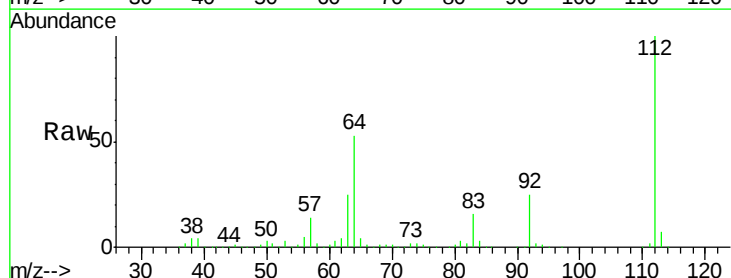
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



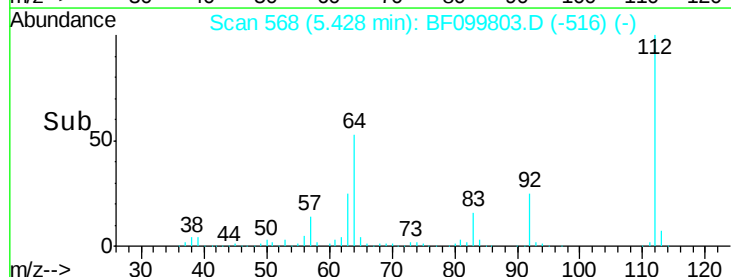
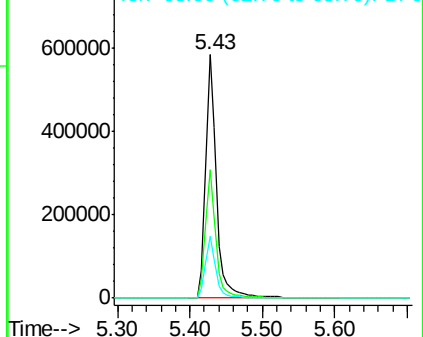
#5

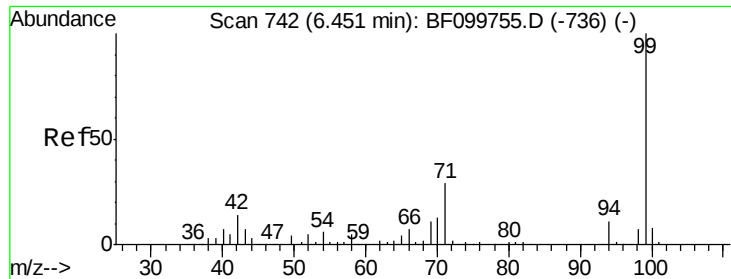
2-Fluorophenol
Concen: 91.90 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099803.D
Acq: 24 Oct 2017 22:17

Tgt Ion:112 Resp: 617643
Ion Ratio Lower Upper
112 100
64 52.7 47.9 71.9
63 25.4 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: 92.55 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099803.D

Acq: 24 Oct 2017 22:17

Instrument :

BNA_F

ClientSampleId :

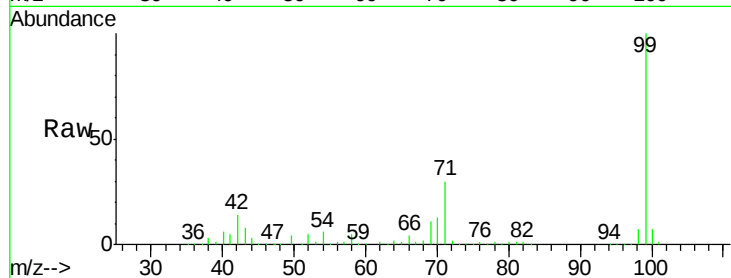
Tot Ion: 99 Resp: 737546

Ion Ratio Lower Upper

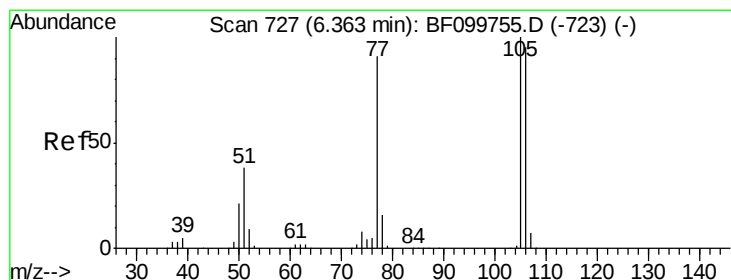
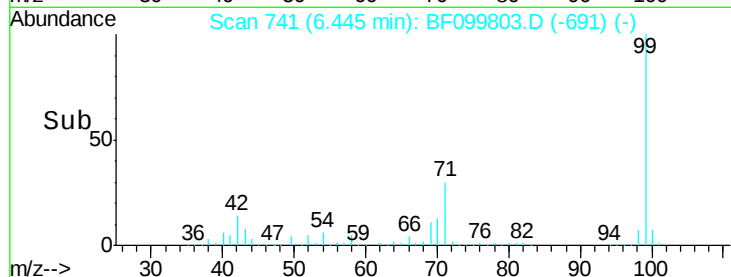
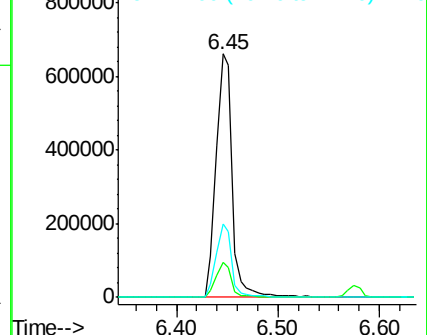
99 100

42 14.2 14.5 21.7#

71 30.0 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: 2.35 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.21 min

Lab File: BF099803.D

Acq: 24 Oct 2017 22:17

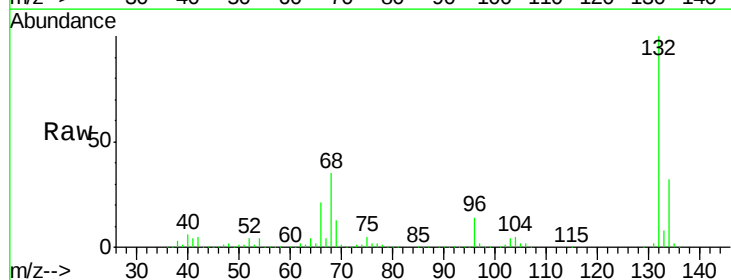
Tgt Ion: 77 Resp: 11200

Ion Ratio Lower Upper

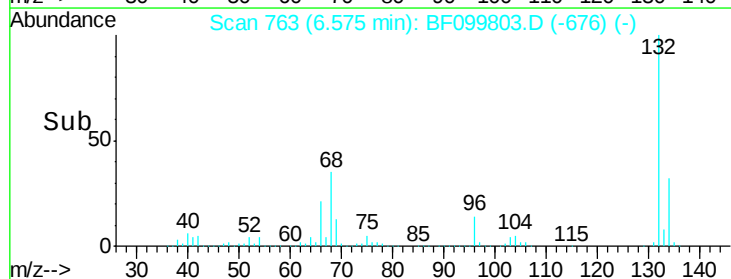
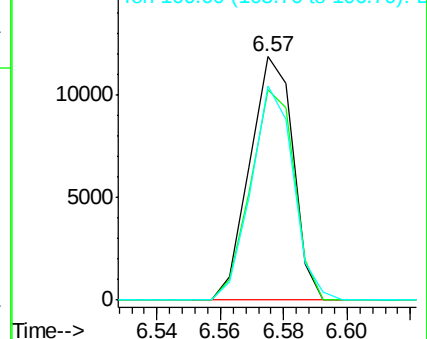
77 100

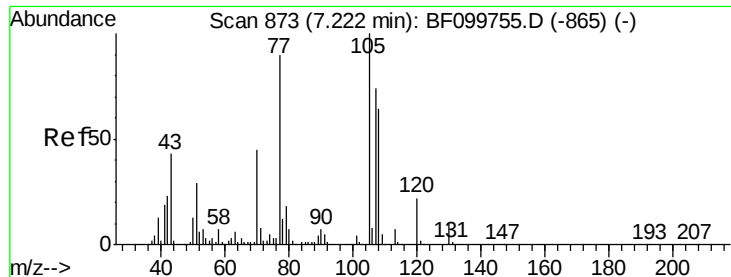
105 86.1 81.1 121.1

106 88.2 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

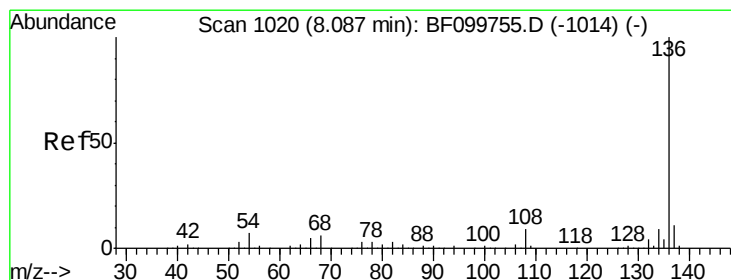
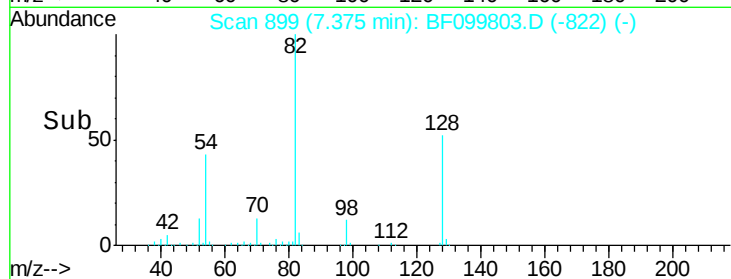
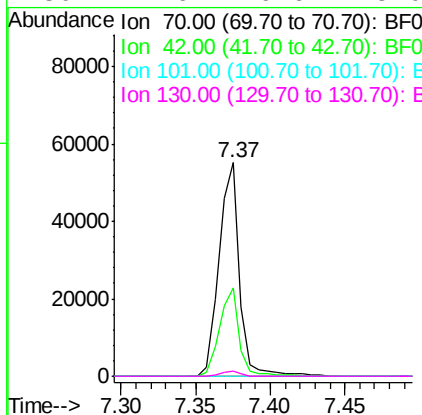
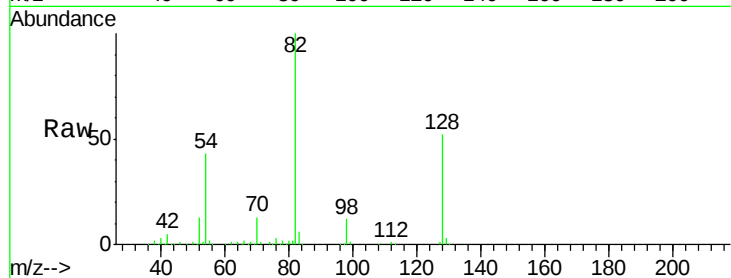




#19
n-Nitroso-di-n-propylamine
Concen: 11.37 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF099803.D
Acq: 24 Oct 2017 22:17

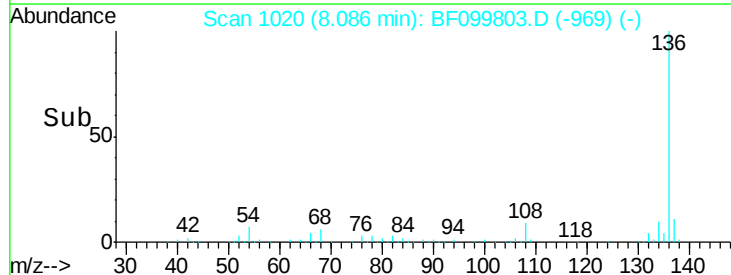
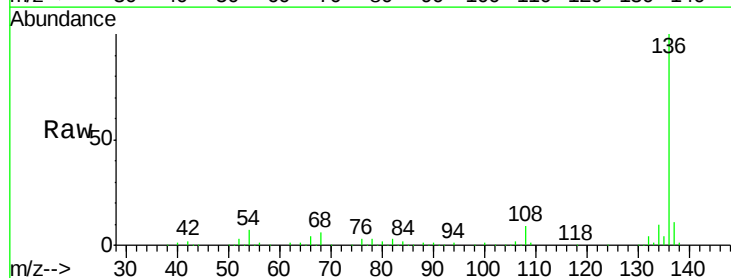
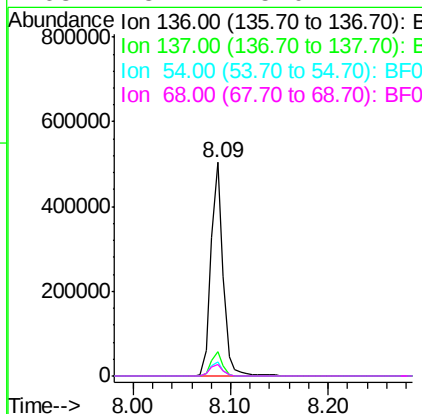
Instrument :
BNA_F
ClientSampleId :

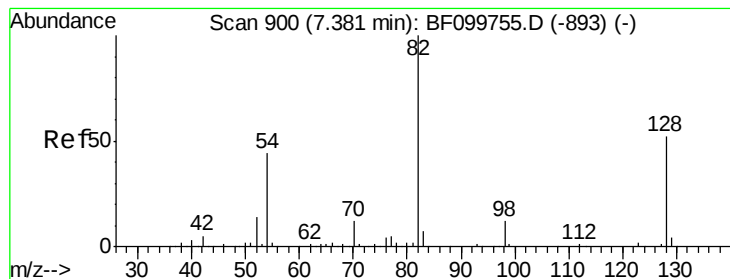
Tot Ion: 70 Resp: 53106
Ion Ratio Lower Upper
70 100
42 41.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099803.D
Acq: 24 Oct 2017 22:17

Tgt Ion: 136 Resp: 432711
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 6.6 6.6 9.8
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 62.22 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099803.D

Acq: 24 Oct 2017 22:17

Instrument :

BNA_F

ClientSampleId :

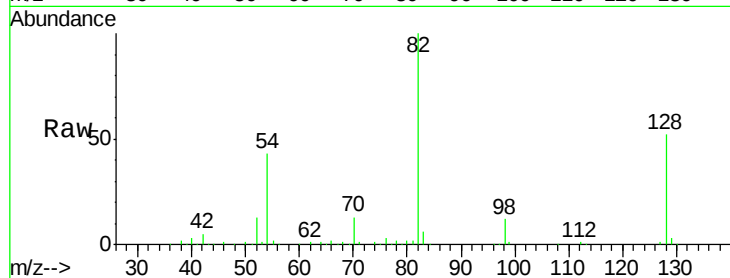
Tot Ion: 82 Resp: 418193

Ion Ratio Lower Upper

82 100

128 52.2 36.1 54.1

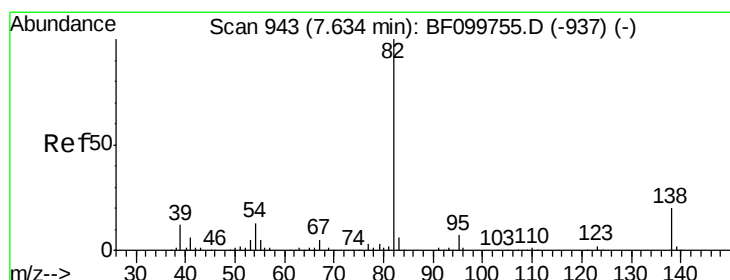
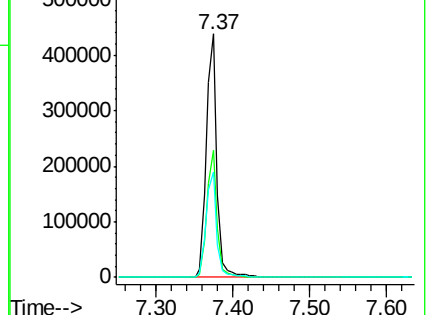
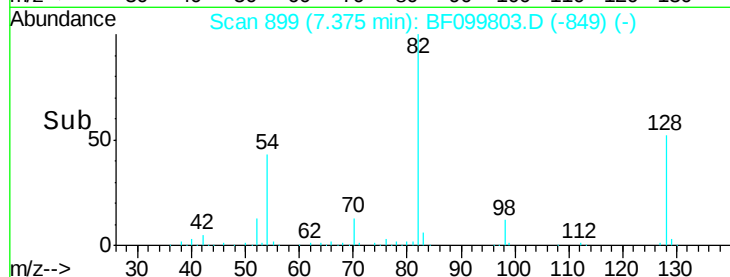
54 43.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 34.29 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF099803.D

Acq: 24 Oct 2017 22:17

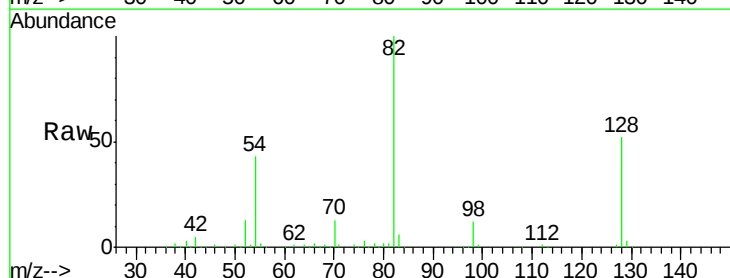
Tgt Ion: 82 Resp: 418189

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

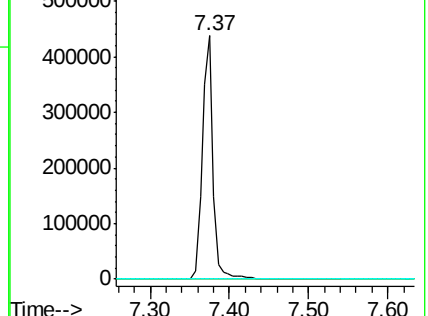
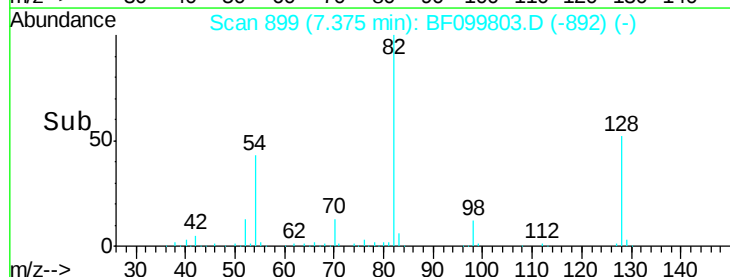
138 0.0 14.9 22.3#

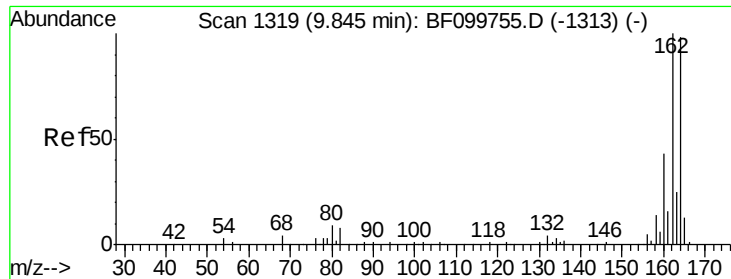


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

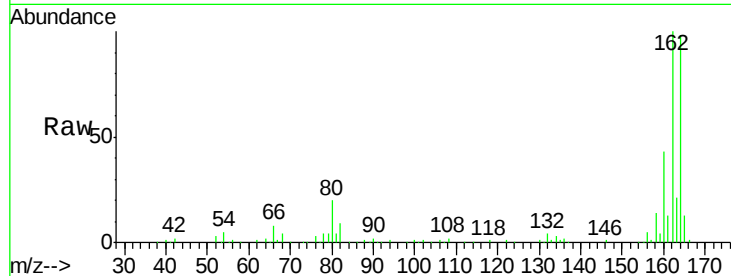




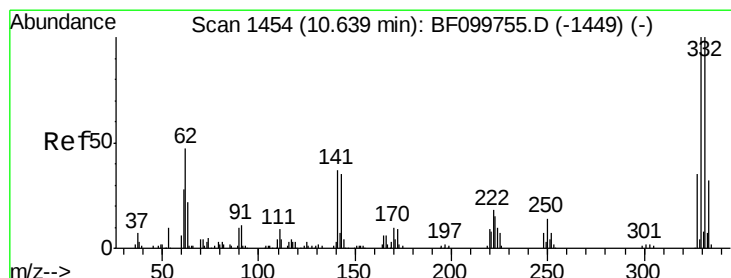
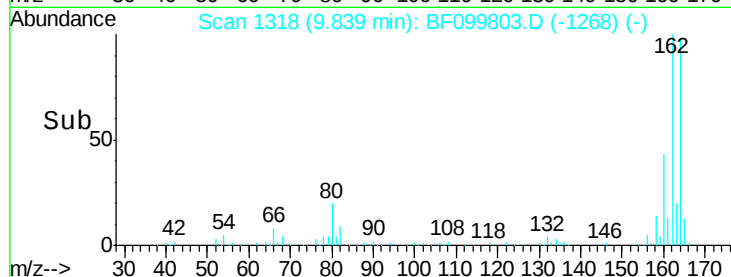
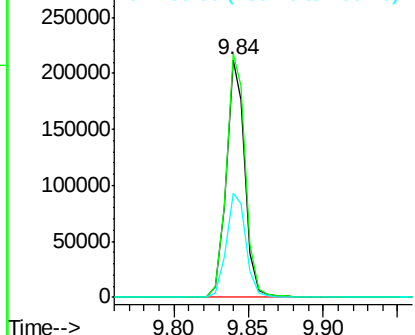
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099803.D
Acq: 24 Oct 2017 22:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 187740
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 43.8 38.3 57.5

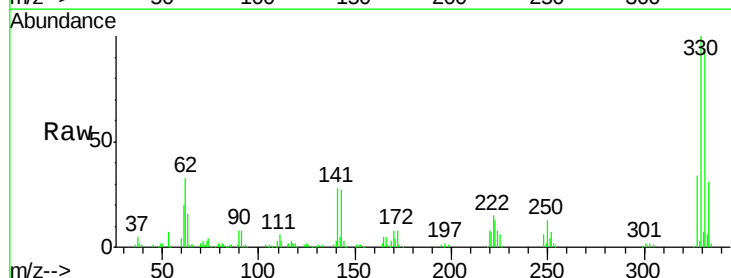


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

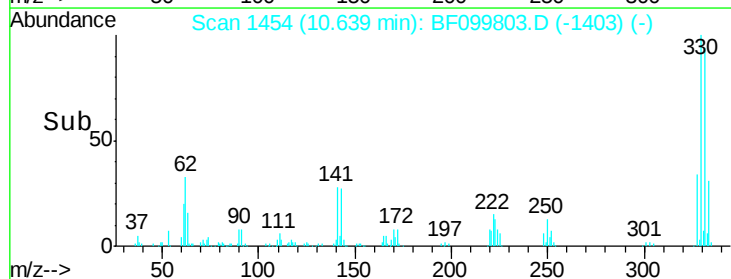
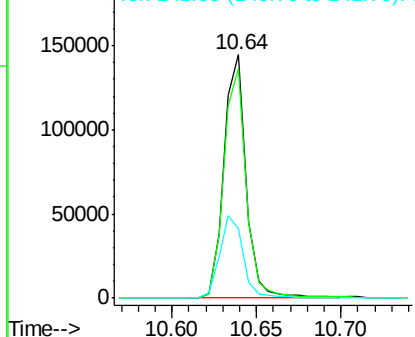


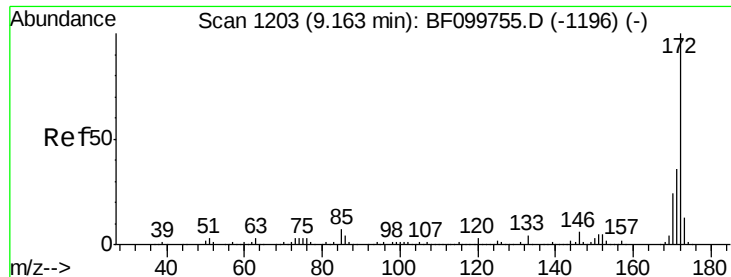
#41
2,4,6-Tribromophenol
Concen: 77.36 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF099803.D
Acq: 24 Oct 2017 22:17

Tgt Ion:330 Resp: 132361
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 36.1 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

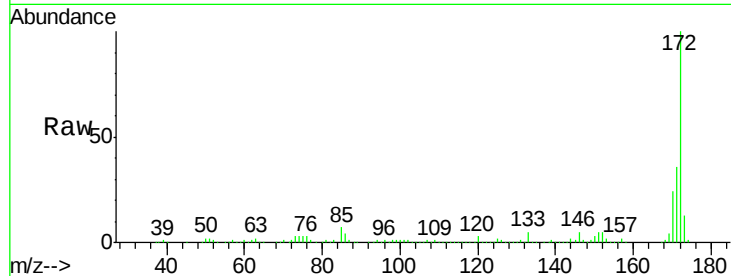




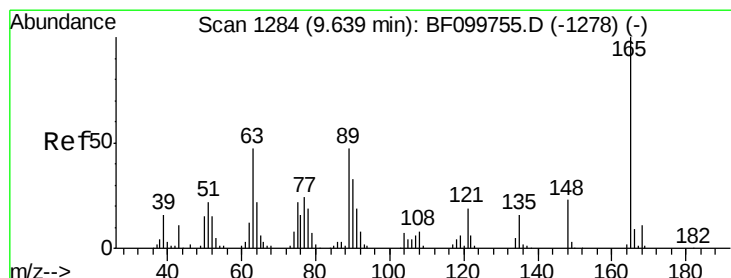
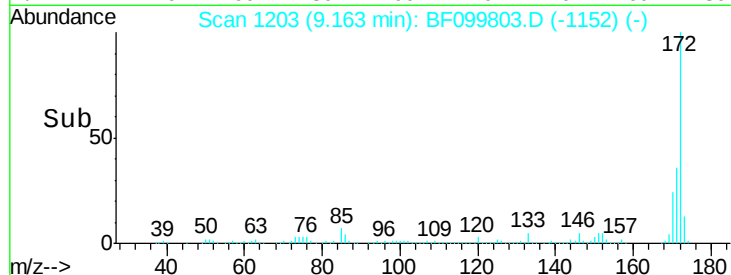
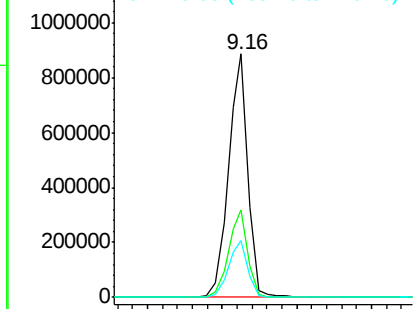
#44
 2-Fluorobiphenyl
 Concen: 66.63 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099803.D
 Acq: 24 Oct 2017 22:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.5	19.6	29.4

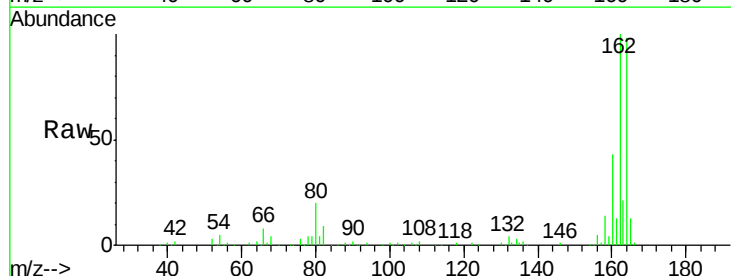


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

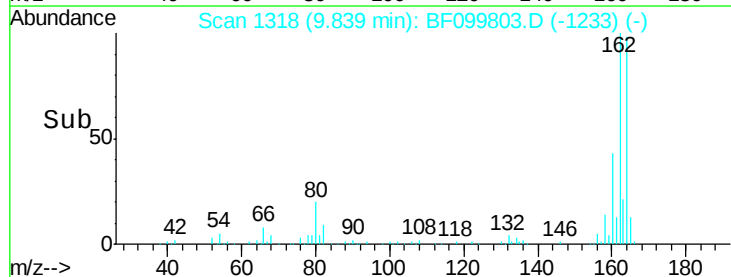
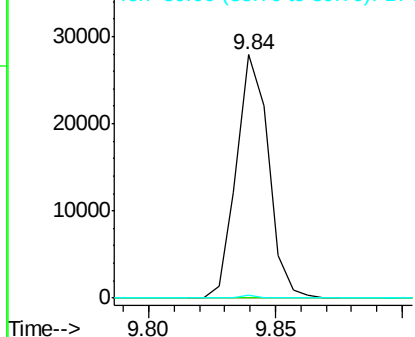


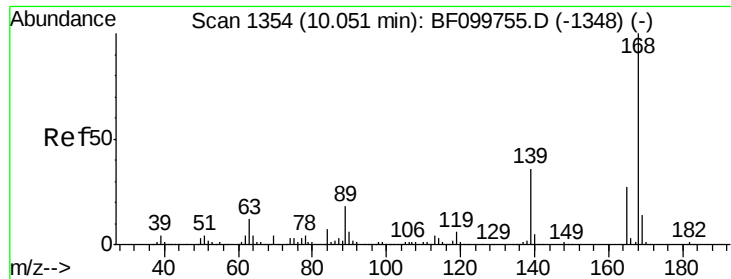
#50
 2,6-Dinitrotoluene
 Concen: 7.86 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.20 min
 Lab File: BF099803.D
 Acq: 24 Oct 2017 22:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.2	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

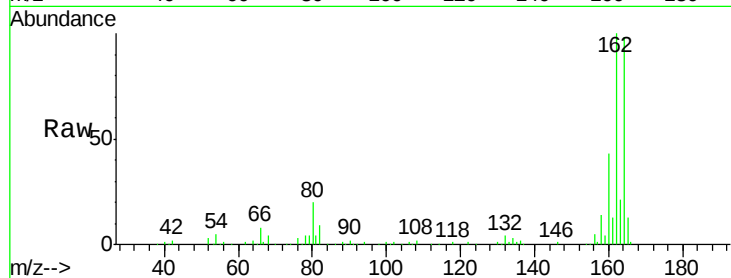




#56
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF099803.D
Acq: 24 Oct 2017 22:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	24565
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

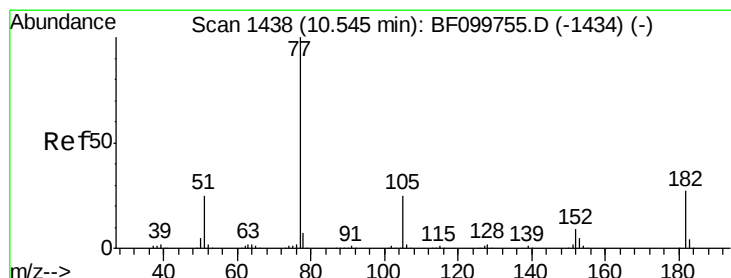
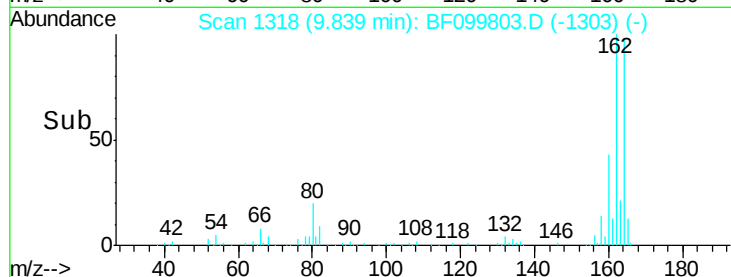
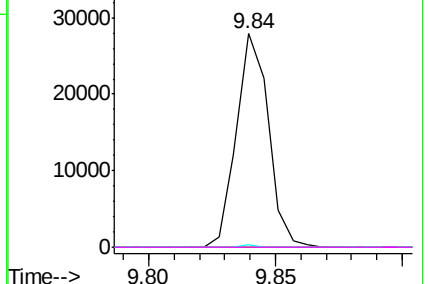


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

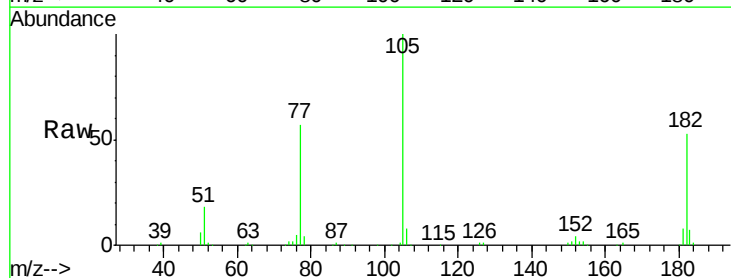
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#62
Azobenzene
Concen: 5.31 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF099803.D
Acq: 24 Oct 2017 22:17

Tgt Ion:	77	Resp:	64677
Ion	Ratio	Lower	Upper
77	100		
182	92.6	1.7	41.7#
105	175.1	3.0	43.0#
51	32.2	9.9	49.9

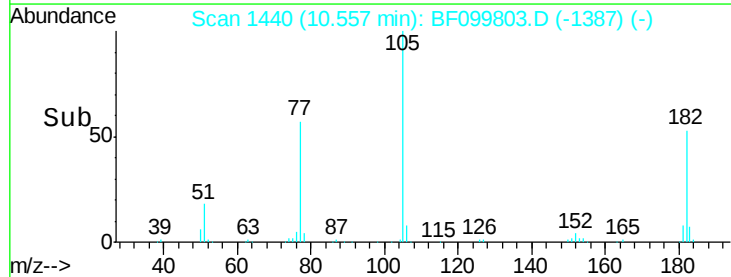
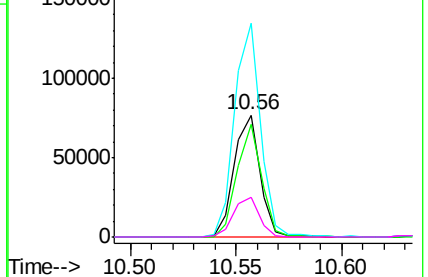


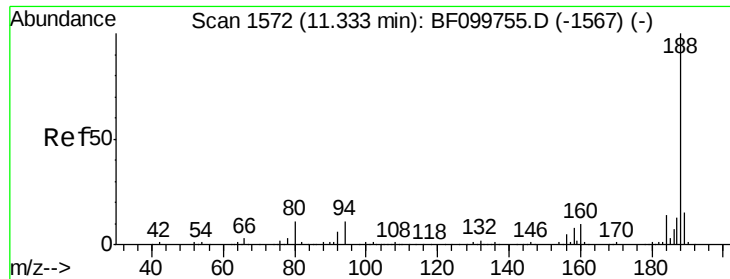
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

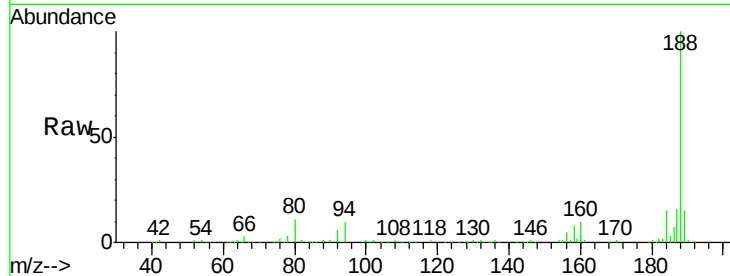




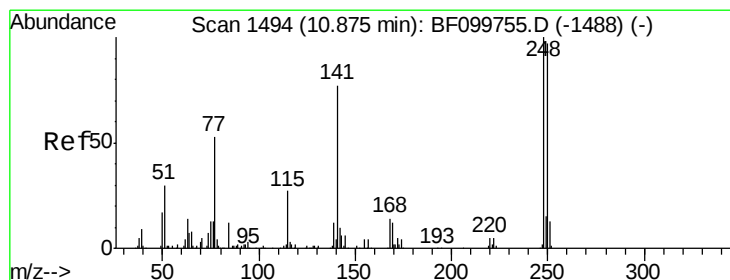
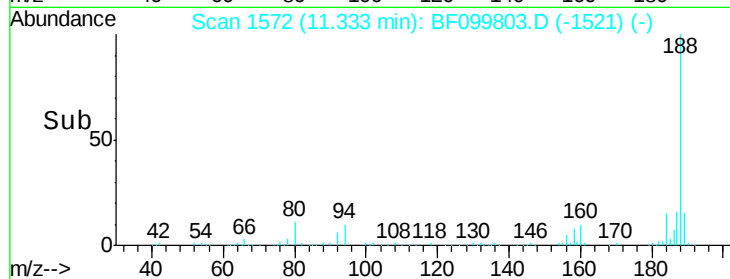
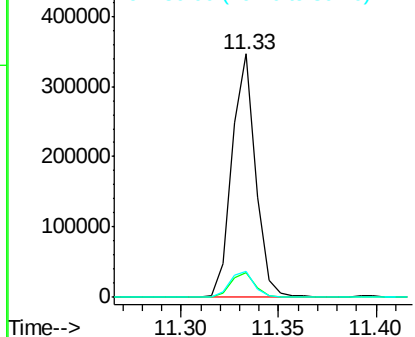
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099803.D
Acq: 24 Oct 2017 22:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 290761
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.5 9.2 13.8

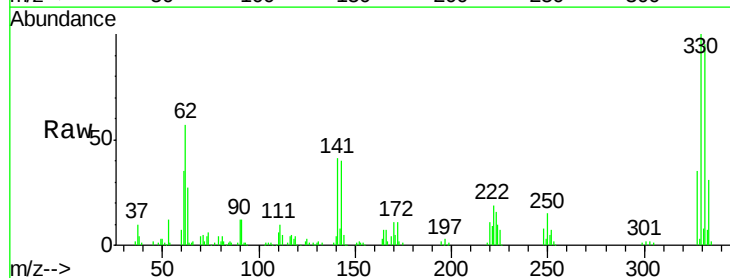


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

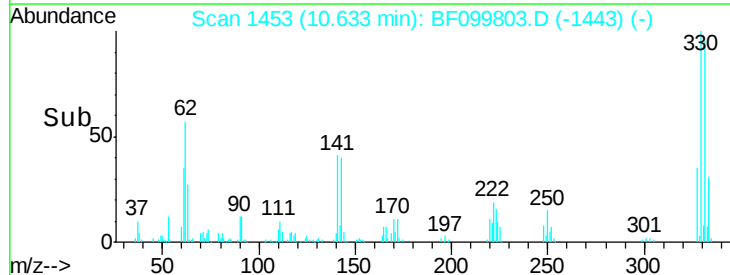
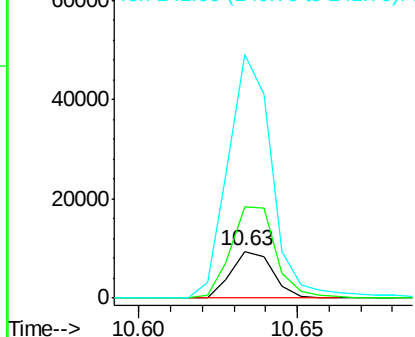


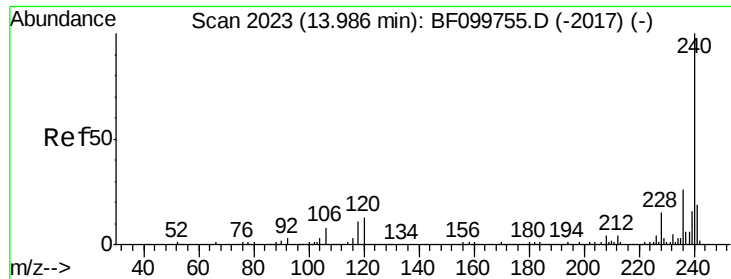
#66
4-Bromophenyl-phenylether
Concen: 2.82 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099803.D
Acq: 24 Oct 2017 22:17

Tgt Ion:248 Resp: 8621
Ion Ratio Lower Upper
248 100
250 195.5 76.9 115.3#
141 523.2 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

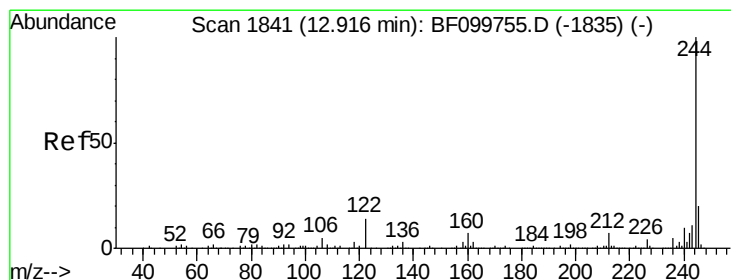
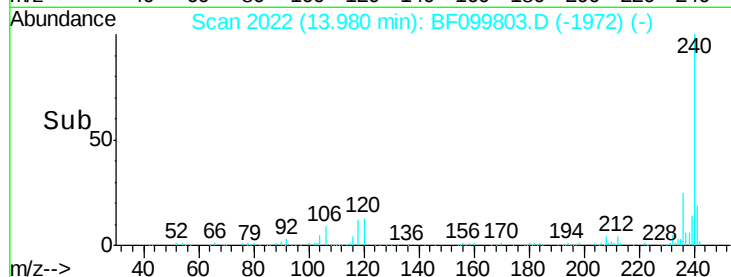
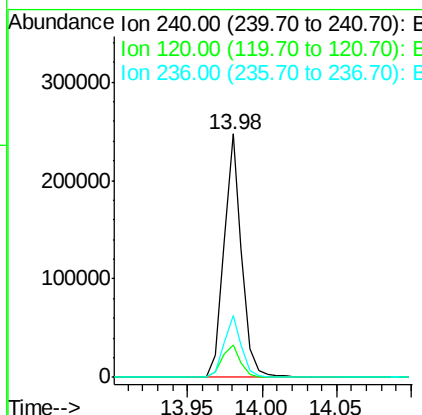
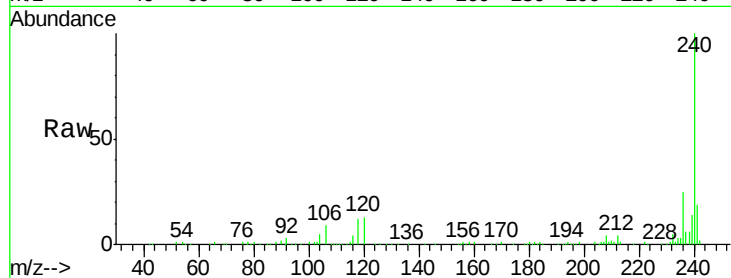




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099803.D
 Acq: 24 Oct 2017 22:17

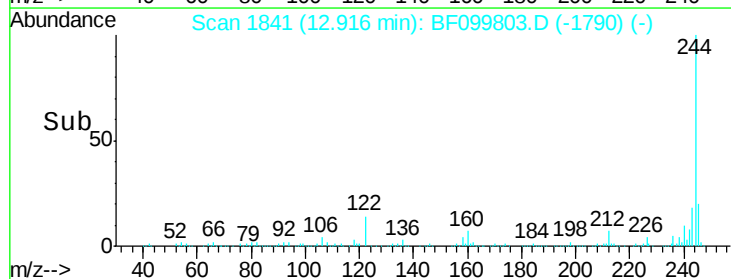
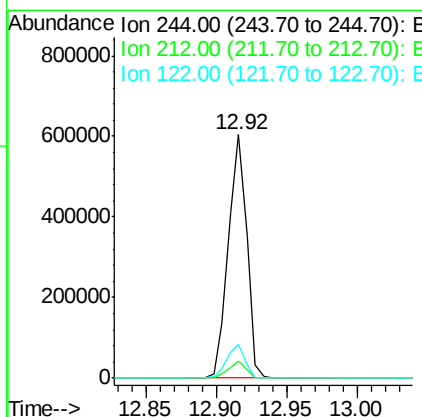
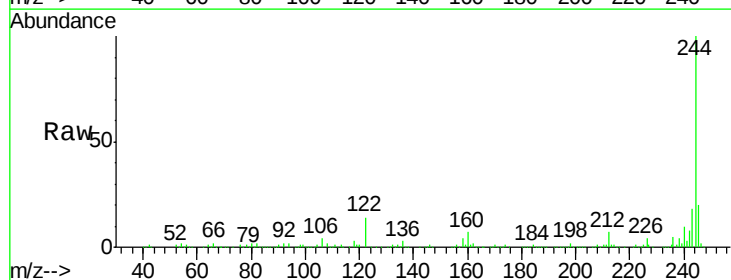
Instrument :
 BNA_F
 ClientSampleId :

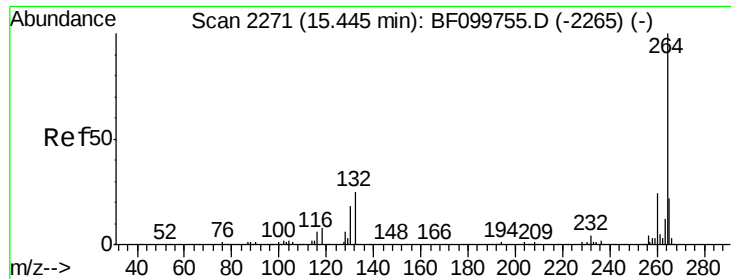
Tot Ion:240 Resp: 207044
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.5 14.3
 236 25.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 58.06 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099803.D
 Acq: 24 Oct 2017 22:17

Tgt Ion:244 Resp: 550059
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.8 11.0 16.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099803.D
Acq: 24 Oct 2017 22:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	17.5	26.3

