

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099839.D
 Acq On : 26 Oct 2017 4:17
 Operator : SJ/JU
 Sample : I6091-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 04:48:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

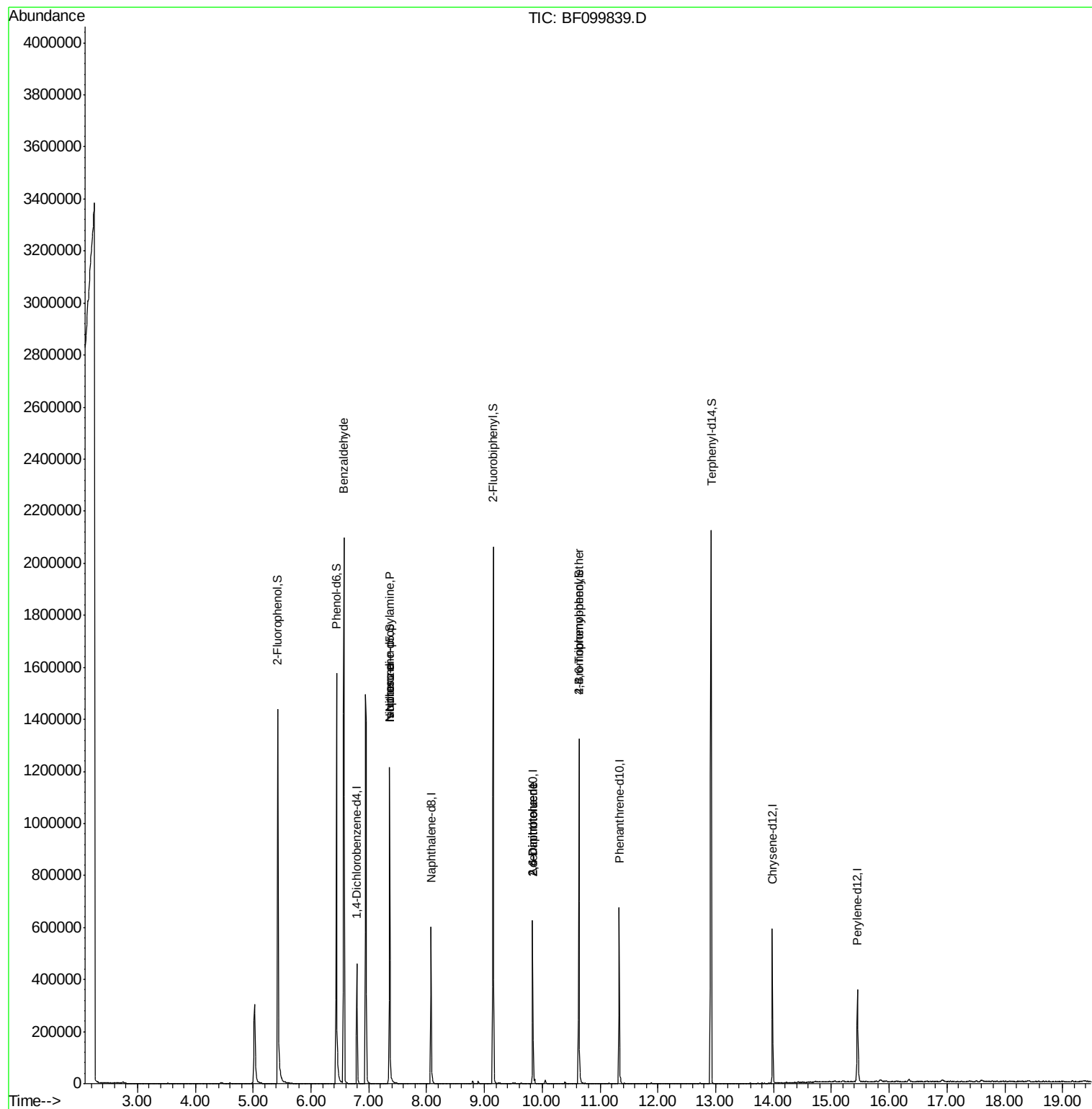
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	70815	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	291980	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	132324	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	240991	20.00	ng	0.00
75) Chrysene-d12	13.98	240	201295	20.00	ng	0.00
86) Perylene-d12	15.45	264	171709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	566633	125.62	ng	0.02
7) Phenol-d6	6.44	99	615723	115.12	ng	0.00
23) Nitrobenzene-d5	7.36	82	407292	89.81	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	161230	133.70	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	779777	90.92	ng	0.00
78) Terphenyl-d14	12.92	244	775239	84.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	10443	3.268	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	49725	15.865	ng	# 71
25) Isophorone	7.36	82	407292	49.492	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	16345	7.420	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	16345	6.161	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	10667	4.204	ng	# 1

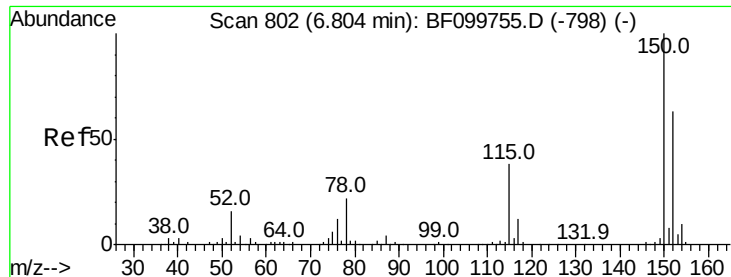
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099839.D
Acq On : 26 Oct 2017 4:17
Operator : SJ/JU
Sample : I6091-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 26 04:48:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration



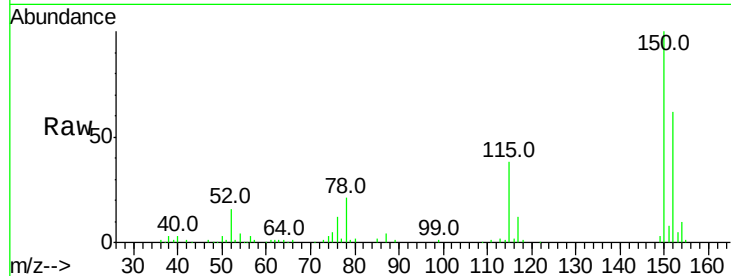


#1

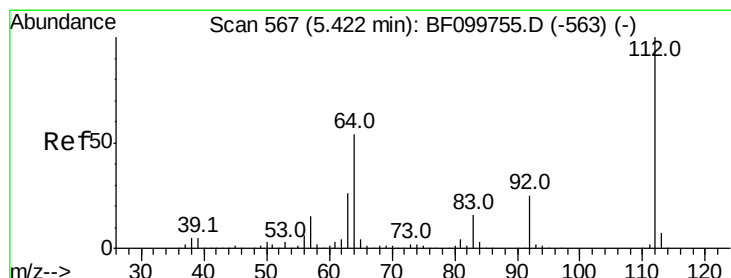
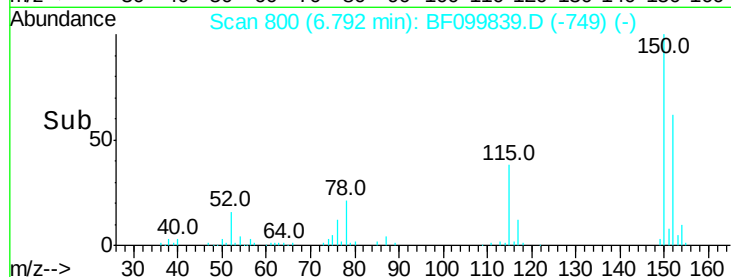
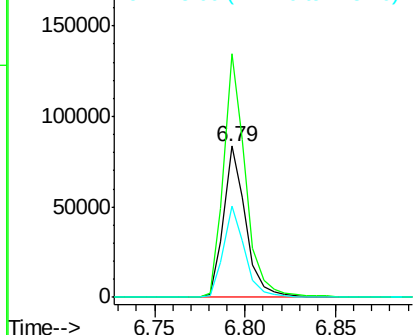
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70815
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 60.6 50.1 75.1



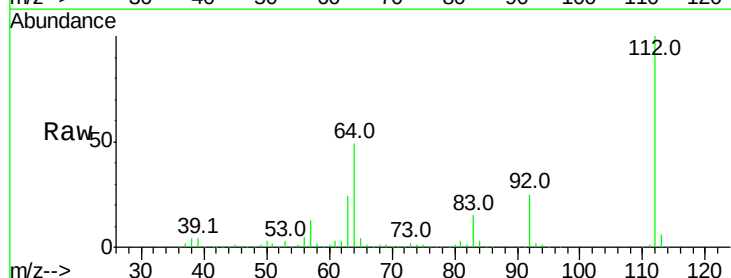
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



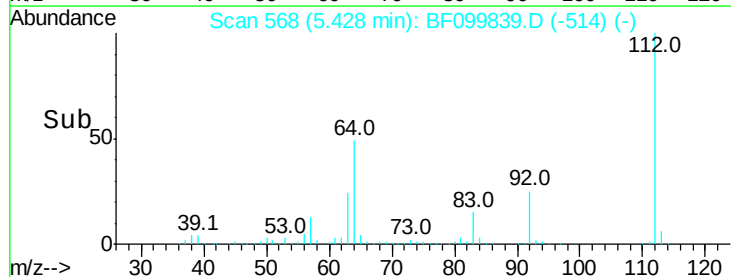
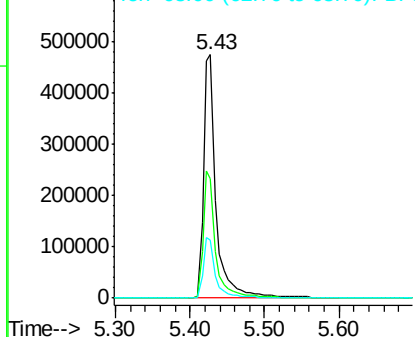
#5

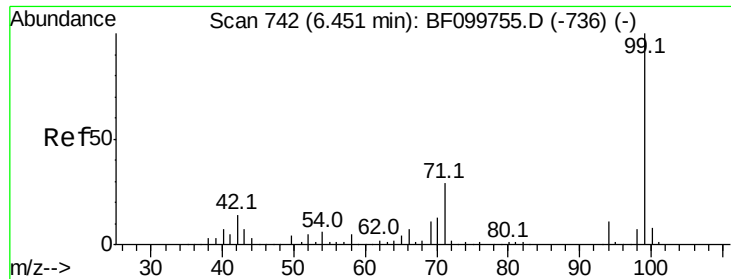
2-Fluorophenol
Concen: 125.622 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Tgt Ion:112 Resp: 566633
Ion Ratio Lower Upper
112 100
64 49.3 47.9 71.9
63 23.7 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: 115.125 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099839.D

Acq: 26 Oct 2017 4:17

Instrument :

BNA_F

ClientSampleId :

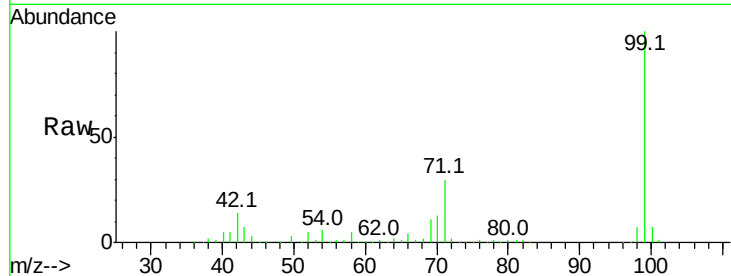
Tot Ion: 99 Resp: 615723

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

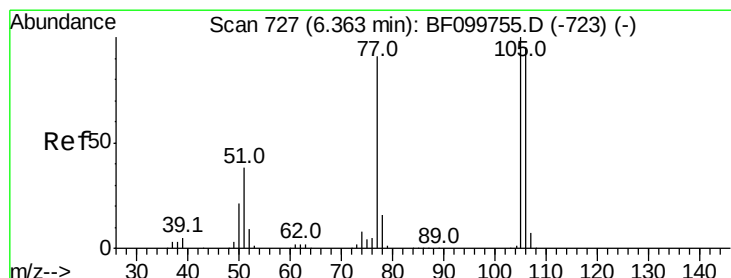
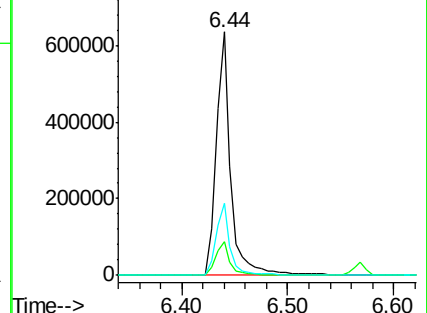
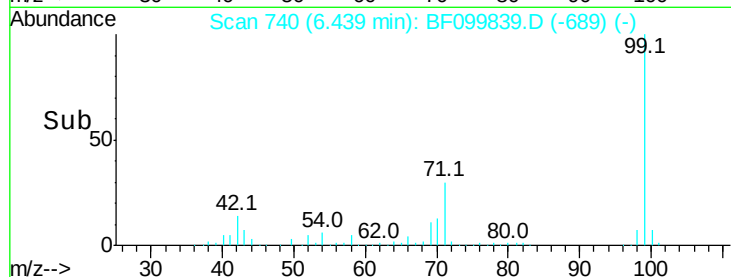
71 29.8 25.4 38.0



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: 3.268 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.22 min

Lab File: BF099839.D

Acq: 26 Oct 2017 4:17

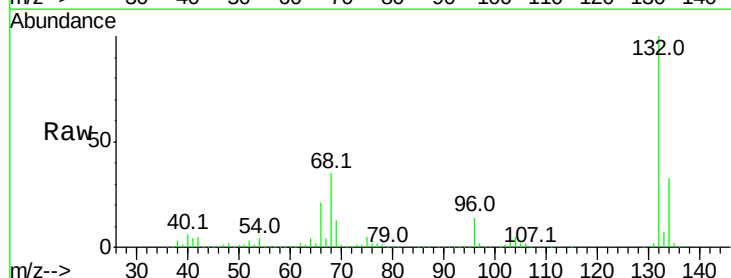
Tgt Ion: 77 Resp: 10443

Ion Ratio Lower Upper

77 100

105 87.1 81.1 121.1

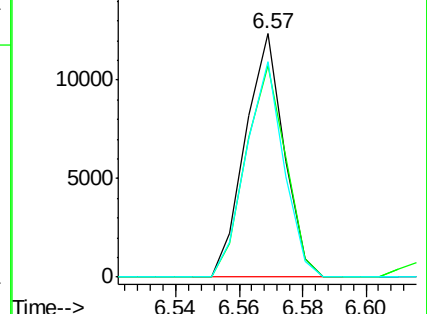
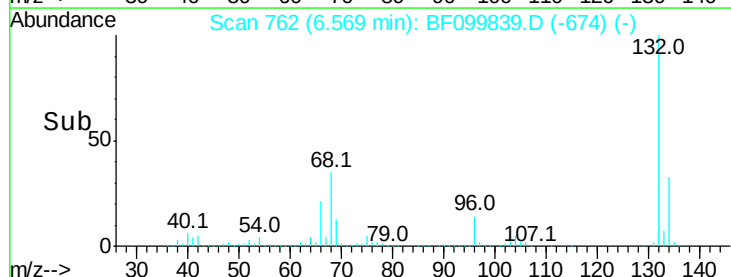
106 88.6 74.5 114.5

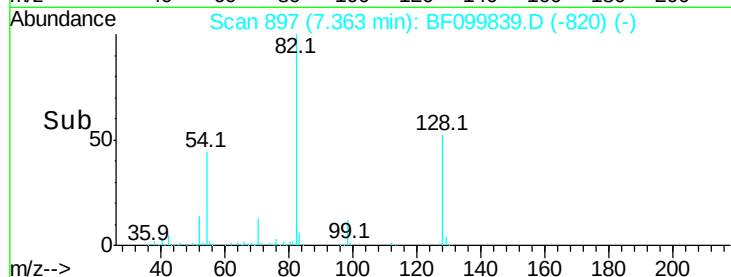
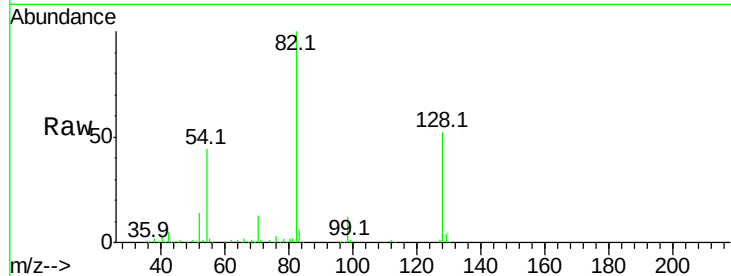
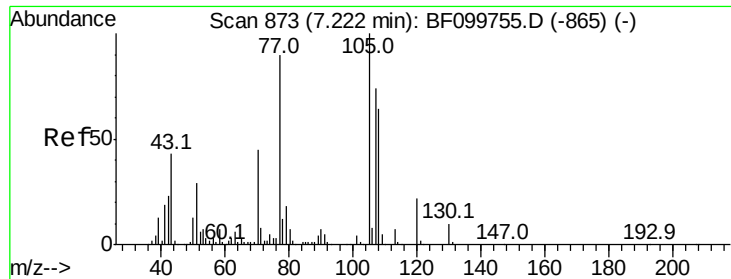


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

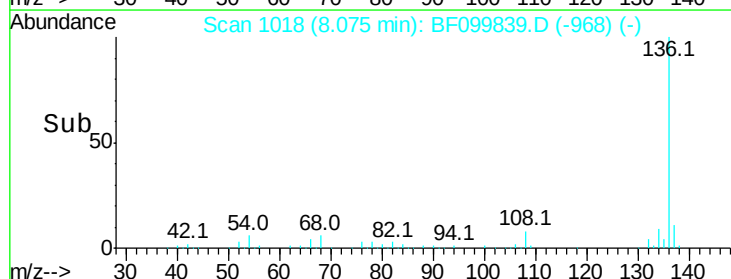
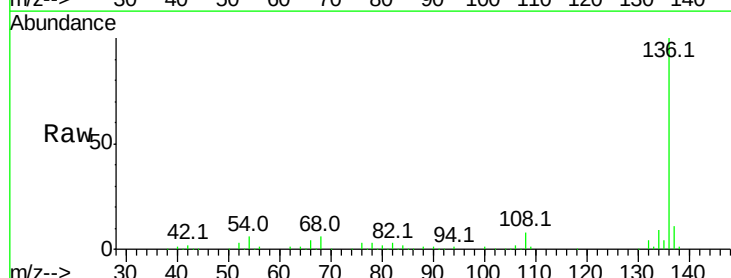
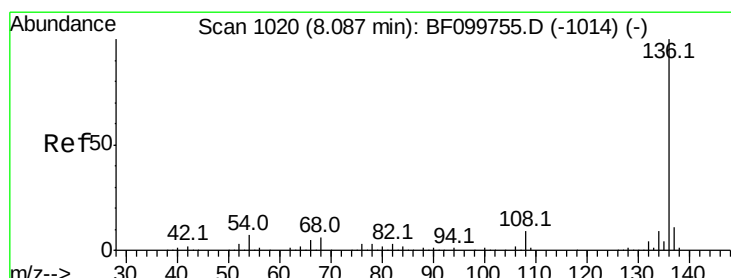
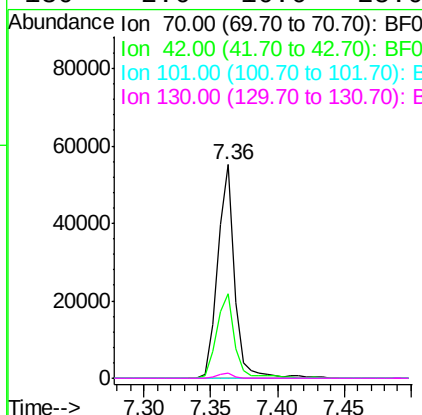




#19
n-Nitroso-di-n-propylamine
Concen: 15.865 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

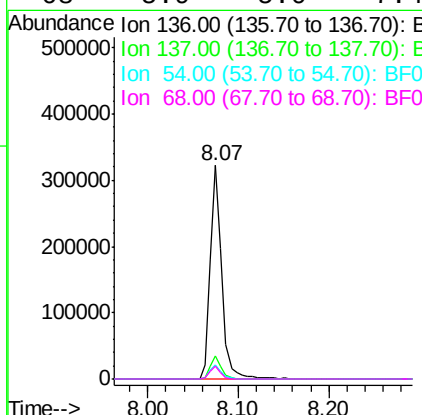
Instrument :
BNA_F
ClientSampleId :

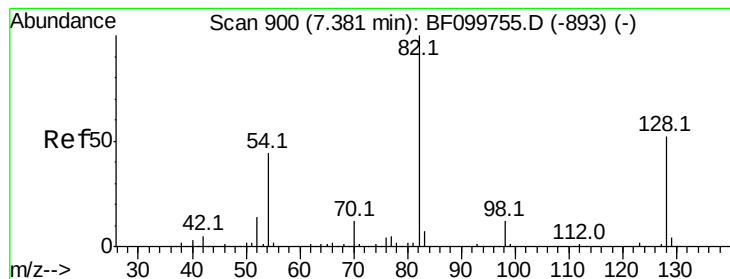
Tot Ion: 70 Resp: 49725
Ion Ratio Lower Upper
70 100
42 39.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Tgt Ion: 136 Resp: 291980
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.5 6.6 9.8#
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 89.806 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099839.D

Acq: 26 Oct 2017 4:17

Instrument :
BNA_F
ClientSampled :

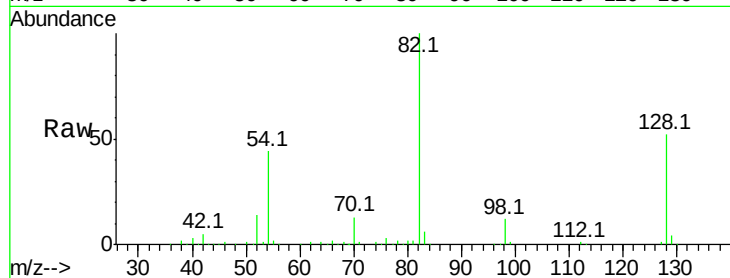
Tot Ion: 82 Resp: 407292

Ion Ratio Lower Upper

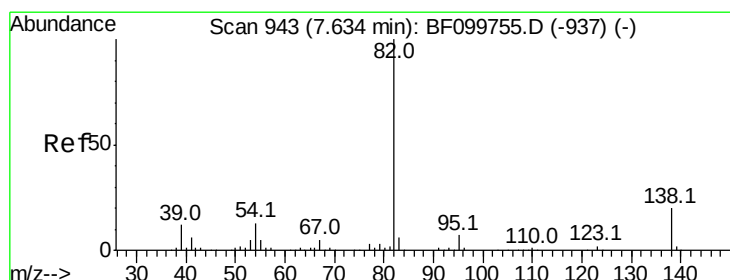
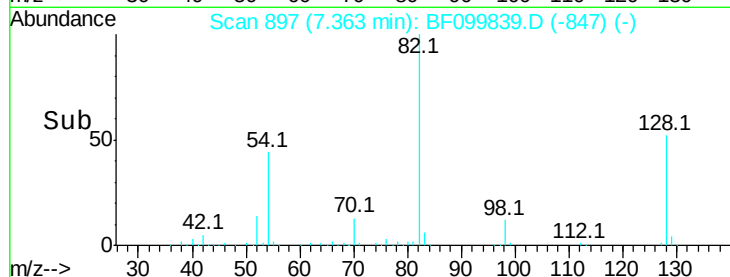
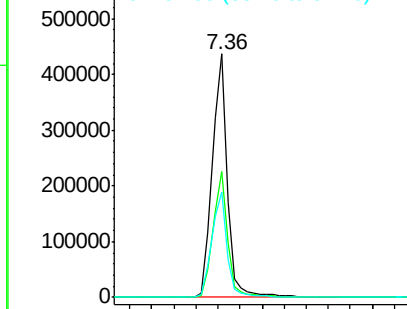
82 100

128 51.6 36.1 54.1

54 43.5 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: 49.492 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF099839.D

Acq: 26 Oct 2017 4:17

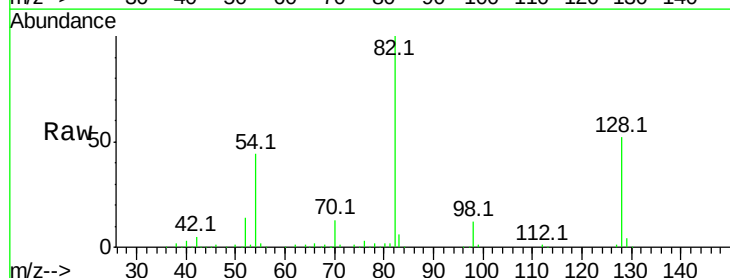
Tgt Ion: 82 Resp: 407292

Ion Ratio Lower Upper

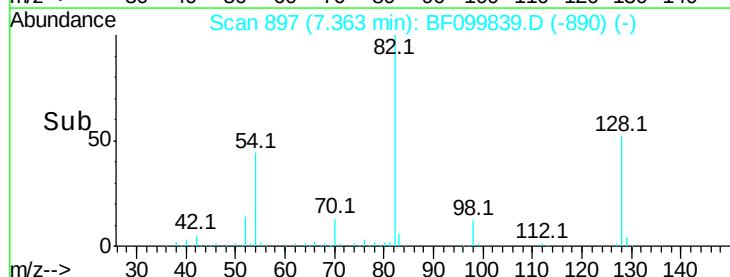
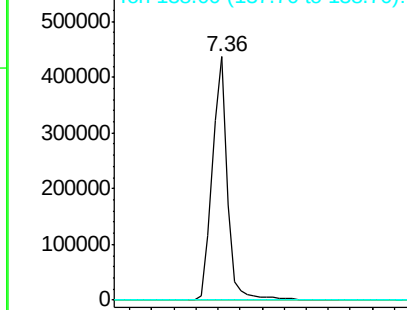
82 100

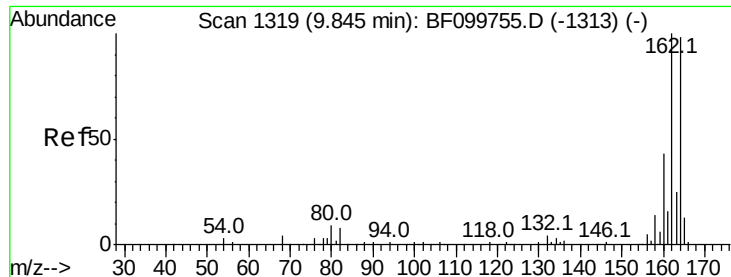
95 0.0 5.2 7.8#

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

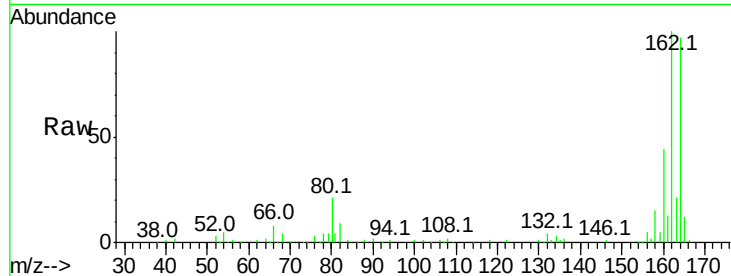




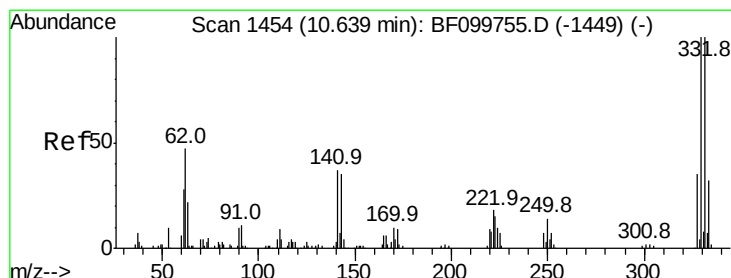
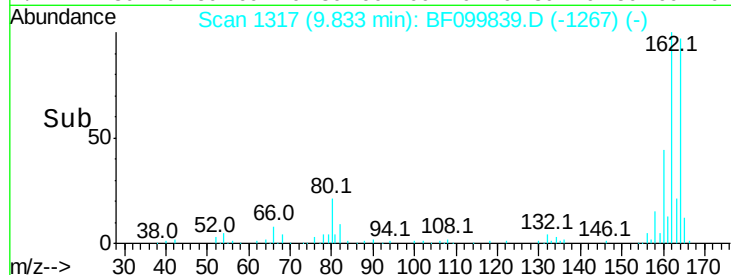
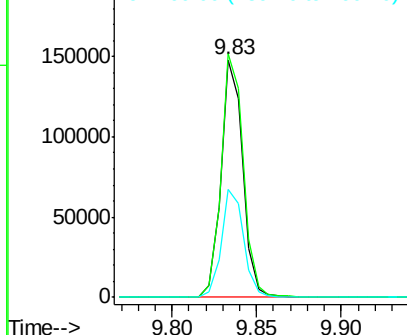
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 132324
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 45.4 38.3 57.5

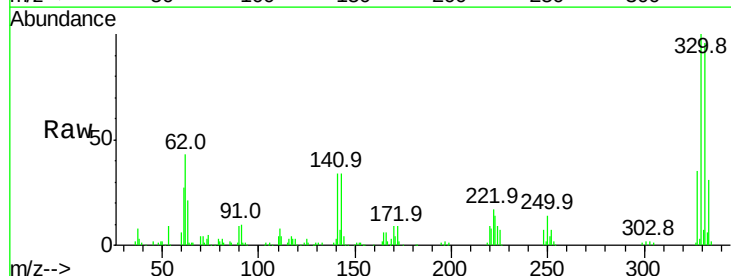


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

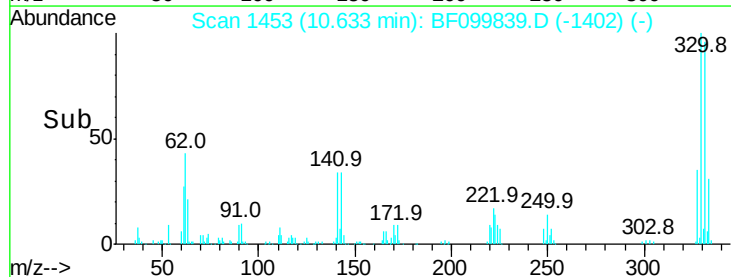
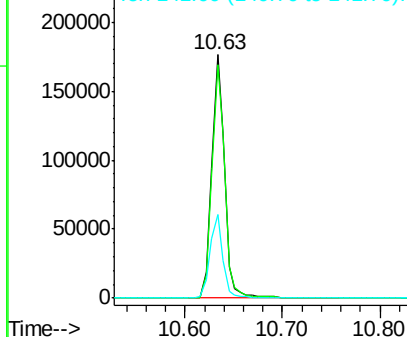


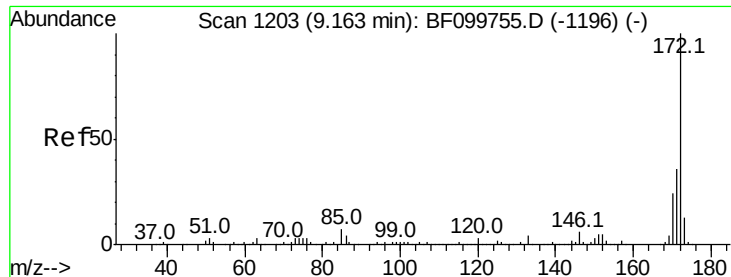
#41
2,4,6-Tribromophenol
Concen: 133.702 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Tgt Ion:330 Resp: 161230
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 34.3 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

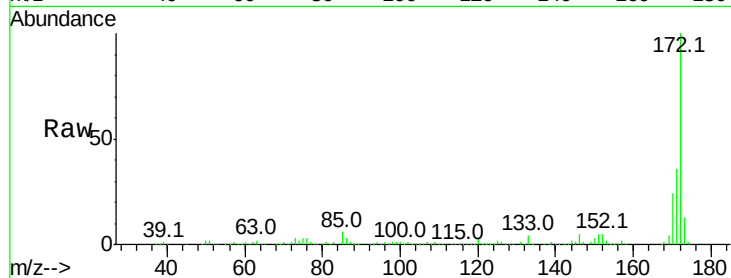




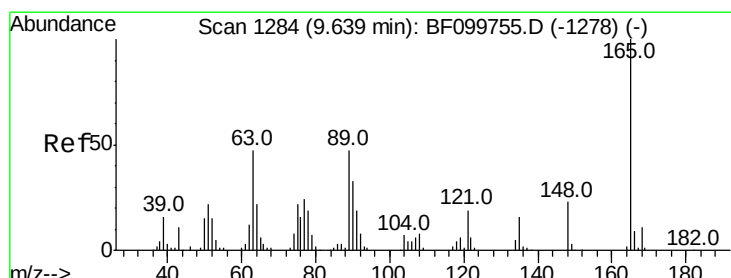
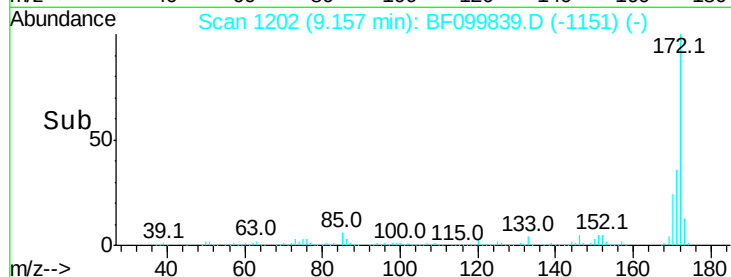
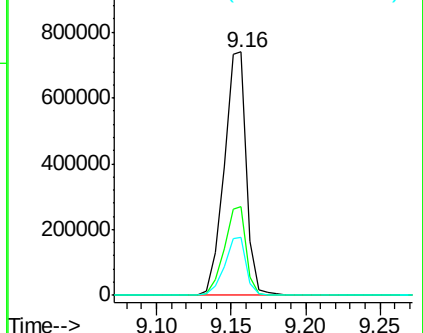
#44
 2-Fluorobiphenyl
 Concen: 90.919 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099839.D
 Acq: 26 Oct 2017 4:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4

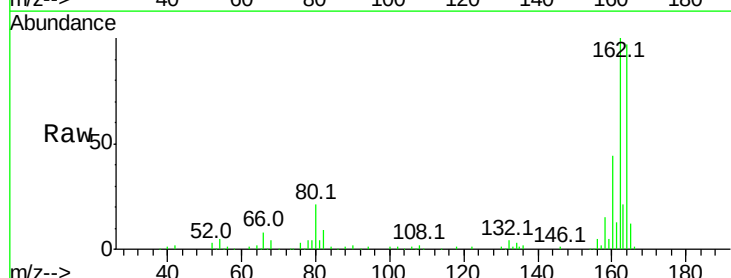


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

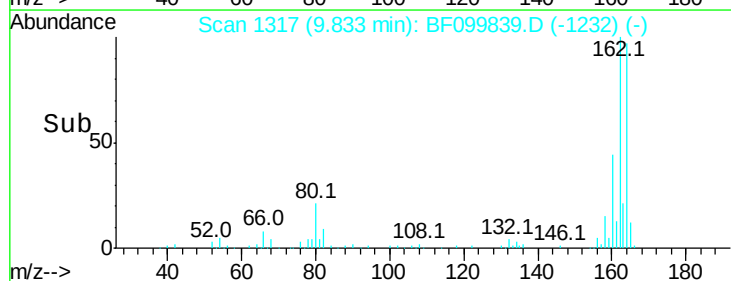
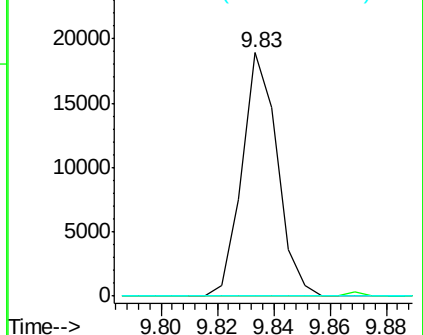


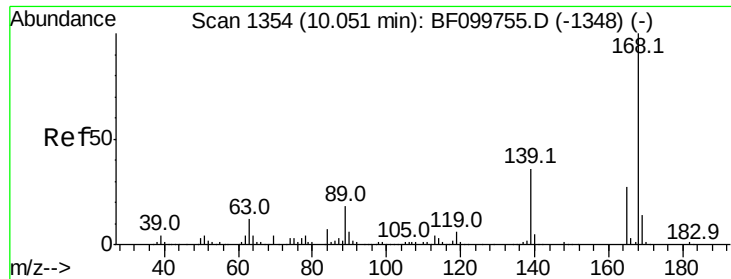
#50
 2,6-Dinitrotoluene
 Concen: 7.420 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF099839.D
 Acq: 26 Oct 2017 4:17

Tgt 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

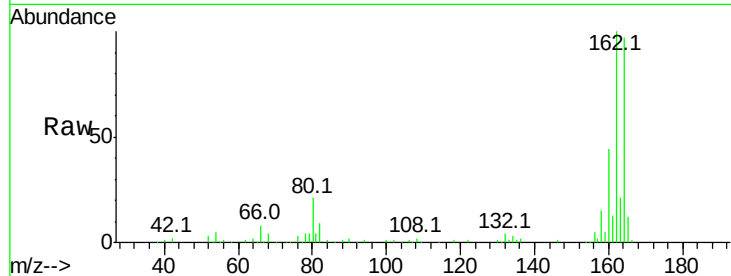




#56
 2,4-Dinitrotoluene
 Concen: 6.161 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF099839.D
 Acq: 26 Oct 2017 4:17

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

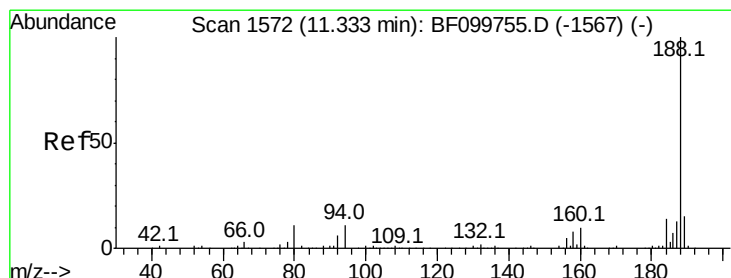
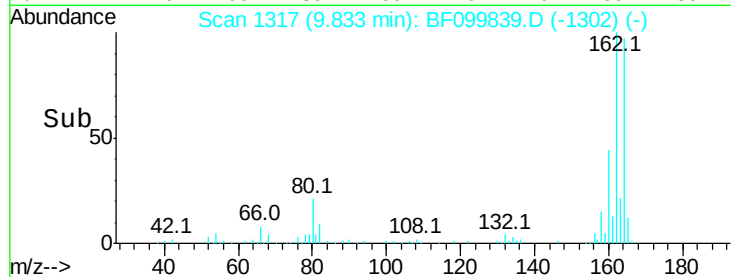
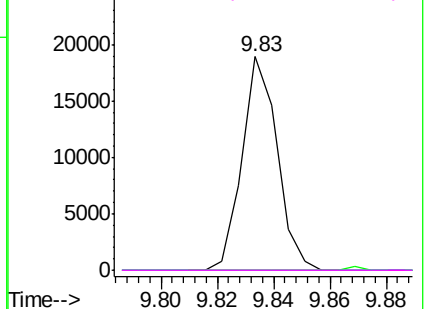


Abundance Ion 165.00 (164.70 to 165.70): E

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



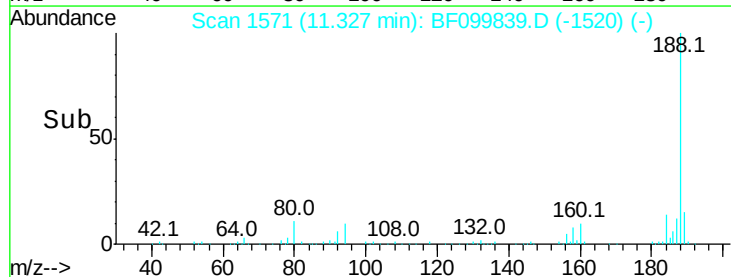
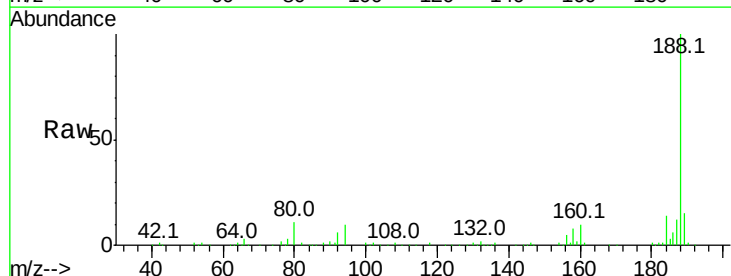
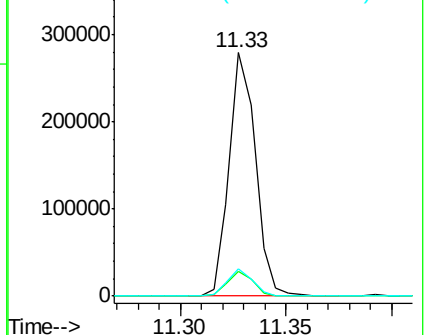
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF099839.D
 Acq: 26 Oct 2017 4:17

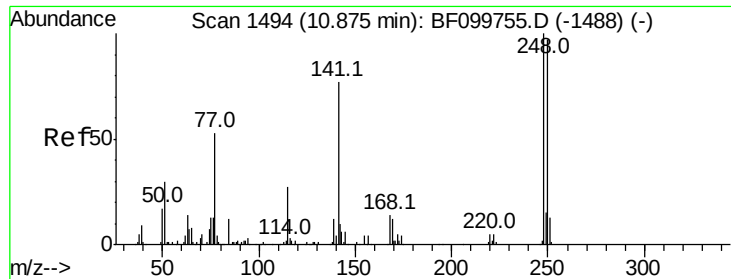
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.0	9.2	13.8

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

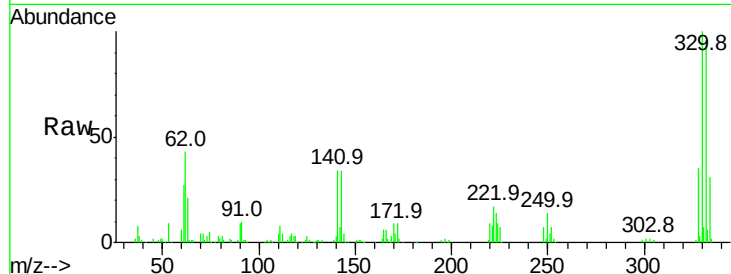




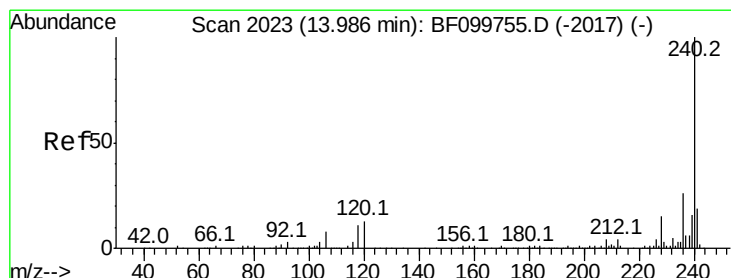
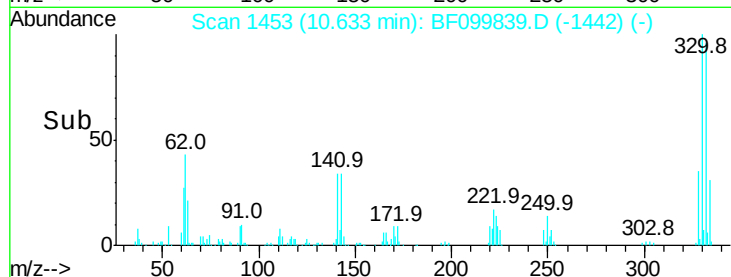
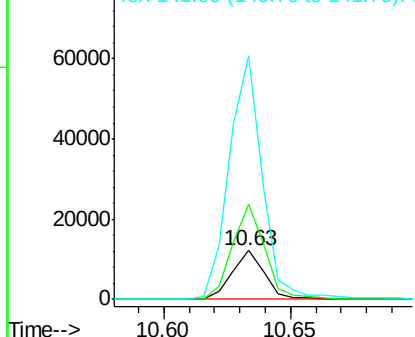
#66
4-Bromophenyl-phenylether
Concen: 4.204 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10667
Ion Ratio Lower Upper
248 100
250 195.9 76.9 115.3#
141 498.9 74.4 111.6#

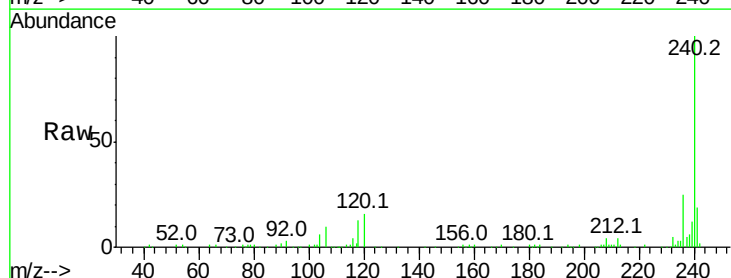


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

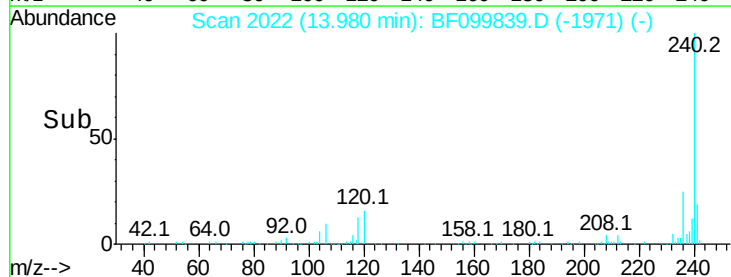
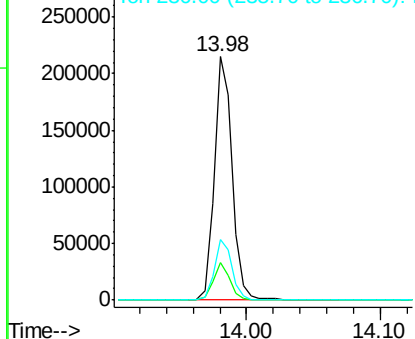


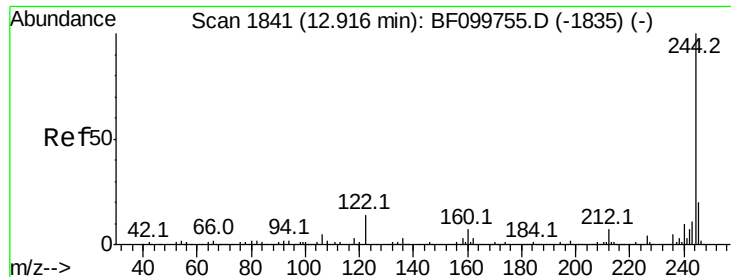
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Tgt Ion:240 Resp: 201295
Ion Ratio Lower Upper
240 100
120 15.7 9.5 14.3#
236 25.0 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: 84.164 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF099839.D

Acq: 26 Oct 2017 4:17

Instrument :

BNA_F

ClientSampleId :

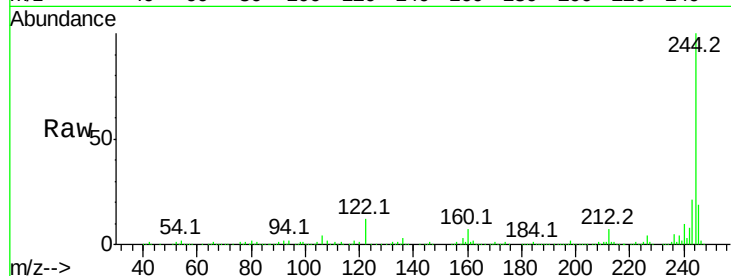
Tot Ion:244 Resp: 775239

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

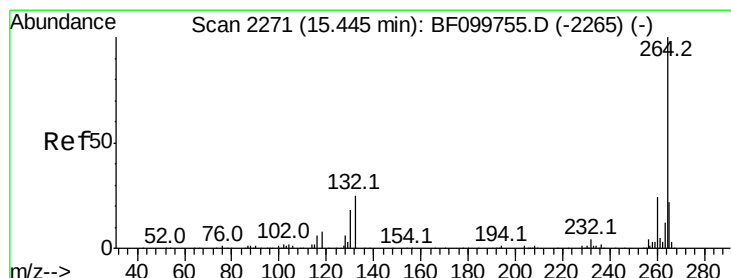
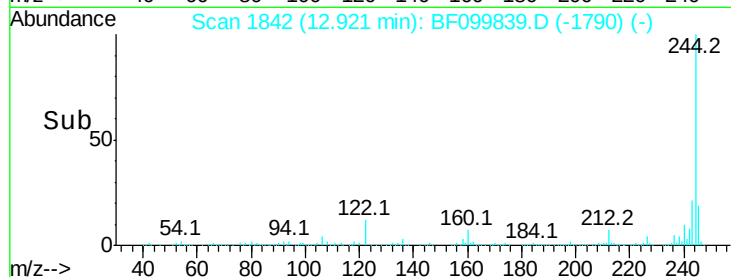
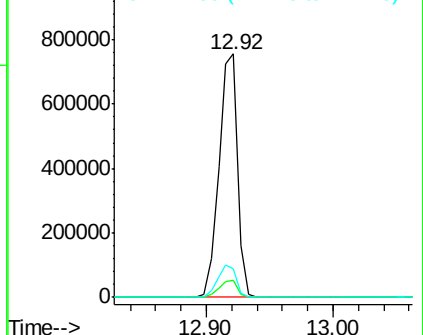
122 11.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF099839.D

Acq: 26 Oct 2017 4:17

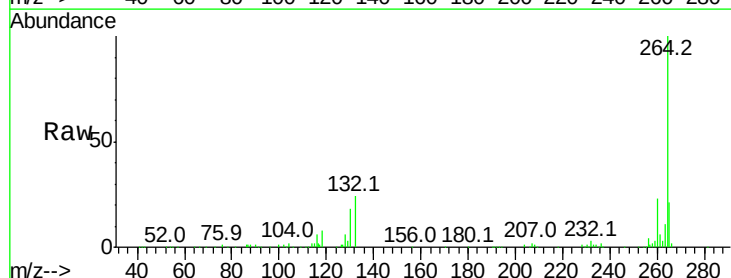
Tgt Ion:264 Resp: 171709

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.8 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

