

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099458.D
 Acq On : 13 Oct 2017 23:57
 Operator : SJ/JU
 Sample : I5819-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 00:48:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

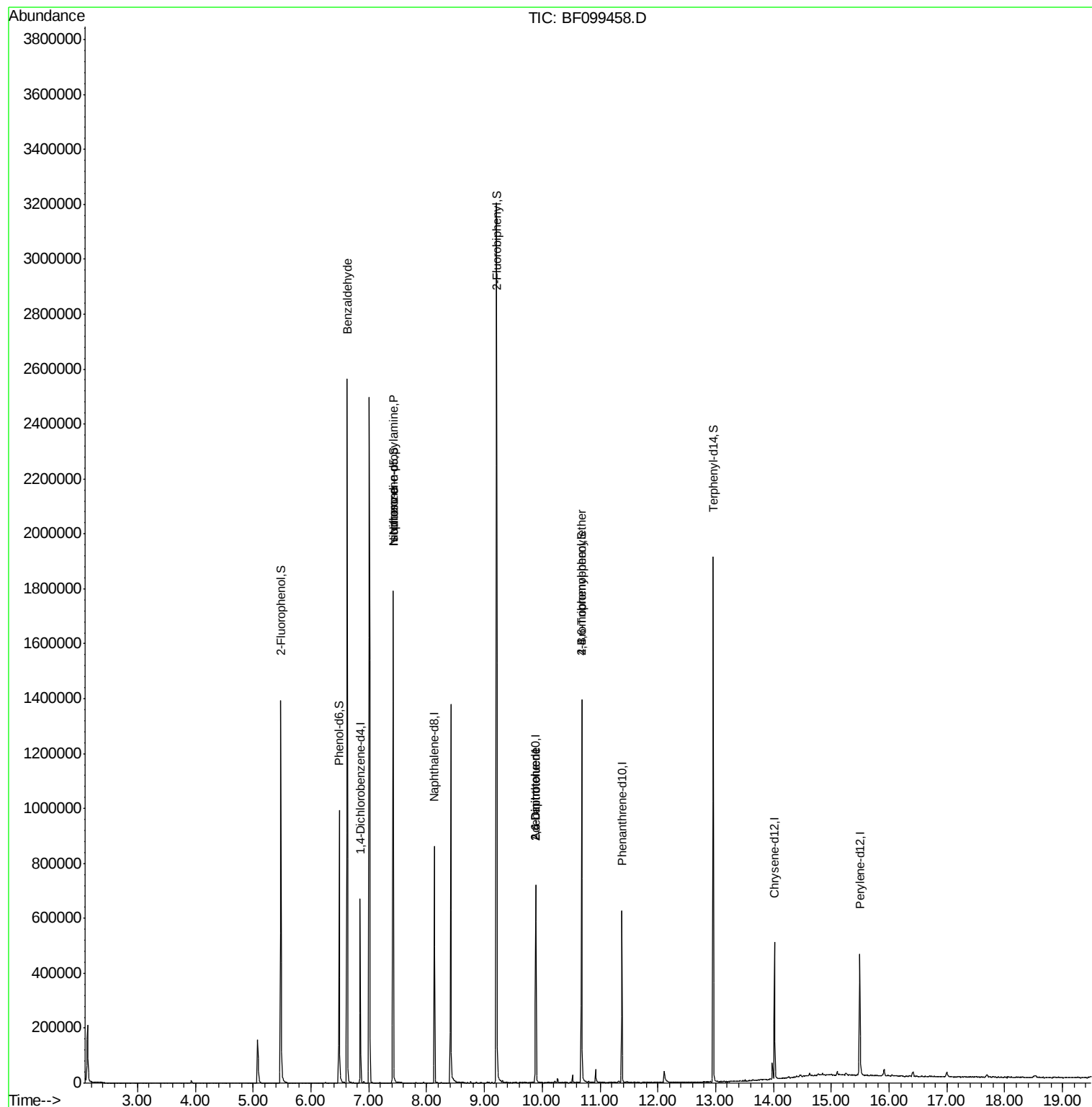
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	95483	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	364300	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	139901	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	203890	20.00	ng	0.00
75) Chrysene-d12	14.02	240	167187	20.00	ng	0.00
86) Perylene-d12	15.49	264	187521	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	452180	75.39	ng	0.01
7) Phenol-d6	6.49	99	333535	45.08	ng	0.00
23) Nitrobenzene-d5	7.42	82	608530	107.12	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	158159	138.16	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1021505	121.89	ng	0.00
78) Terphenyl-d14	12.96	244	659012	89.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	13530	3.15	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.42	70	79064	16.74	ng	# 74
25) Isophorone	7.42	82	608522	51.81	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	17949	7.81	ng	# 26
56) 2,4-Dinitrotoluene	9.89	165	17949	6.02	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	10452	5.24	ng	# 1

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

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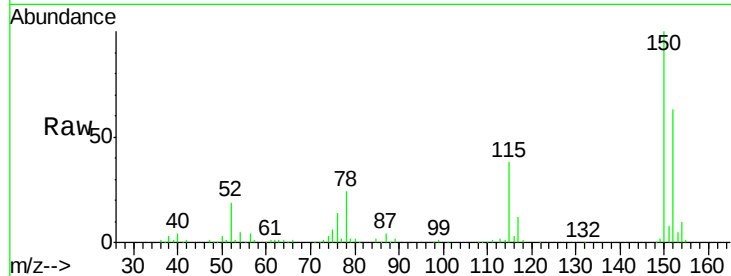


#1

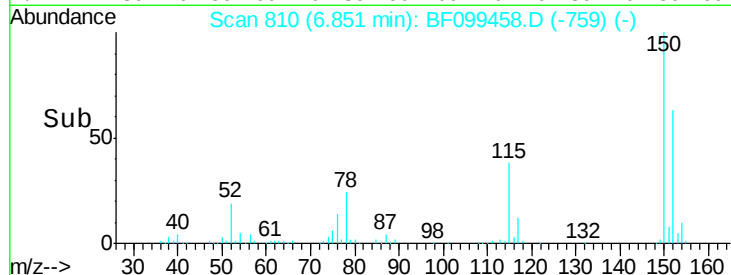
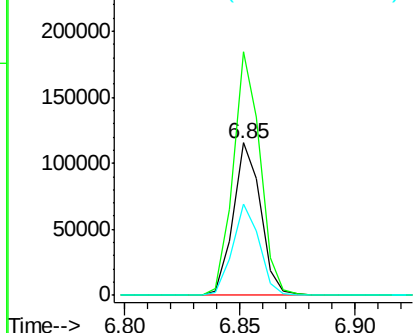
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099458.D
Acq: 13 Oct 2017 23:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95483
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 60.1 50.1 75.1



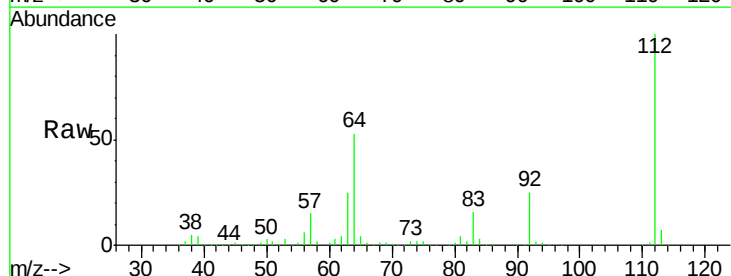
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



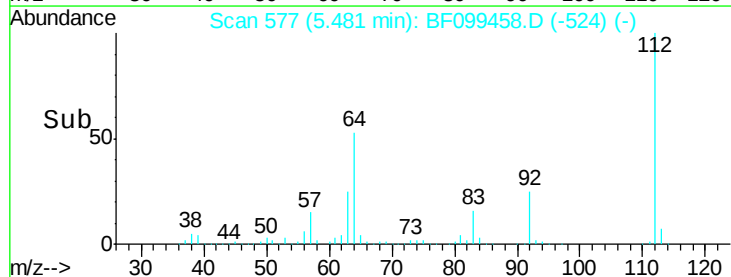
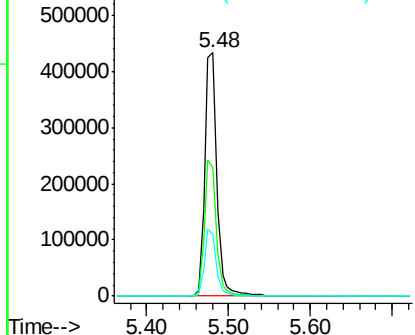
#5

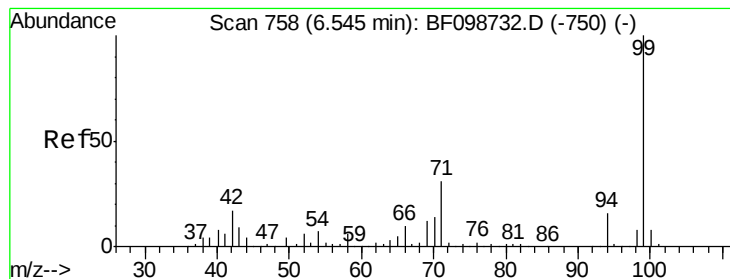
2-Fluorophenol
Concen: 75.39 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099458.D
Acq: 13 Oct 2017 23:57

Tgt Ion:112 Resp: 452180
Ion Ratio Lower Upper
112 100
64 52.7 47.9 71.9
63 25.3 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: 45.08 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099458.D

Acq: 13 Oct 2017 23:57

Instrument :

BNA_F

ClientSampled :

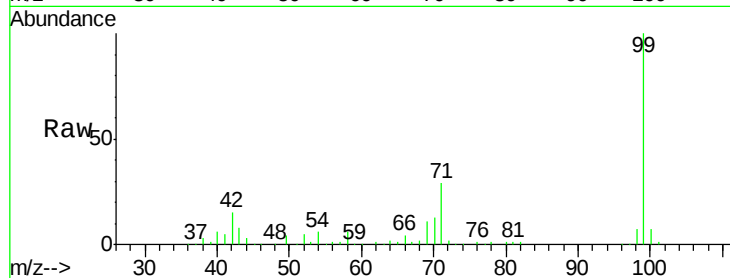
Tot Ion: 99 Resp: 333535

Ion Ratio Lower Upper

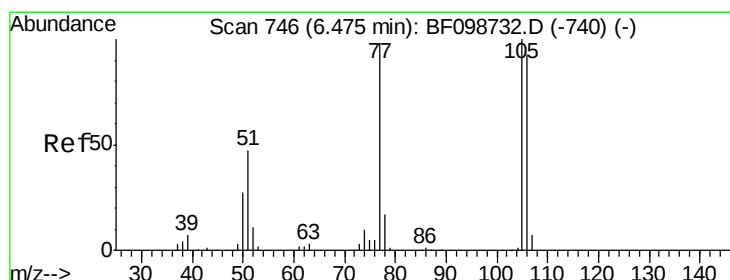
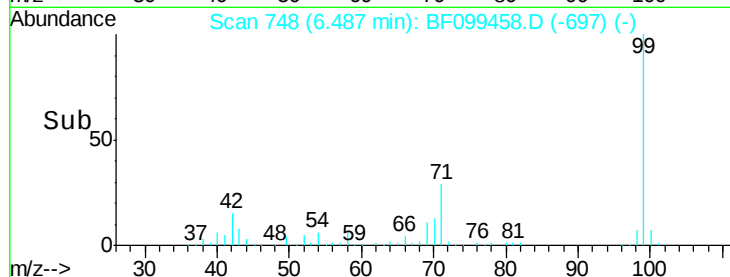
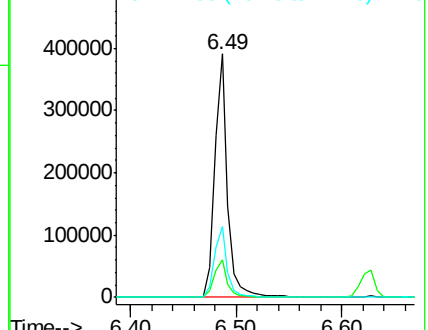
99 100

42 15.3 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: 3.15 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099458.D

Acq: 13 Oct 2017 23:57

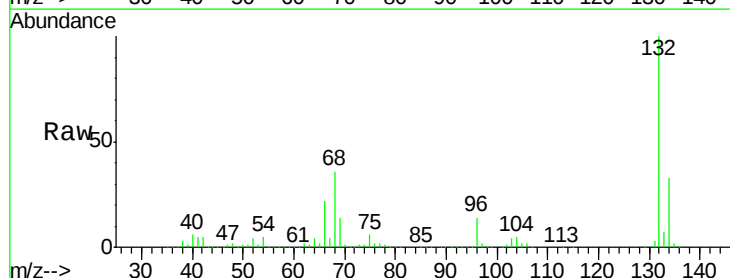
Tgt Ion: 77 Resp: 13530

Ion Ratio Lower Upper

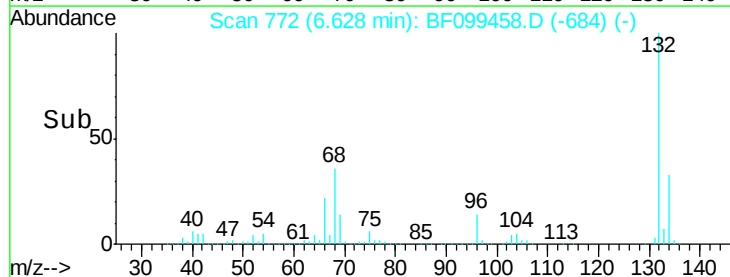
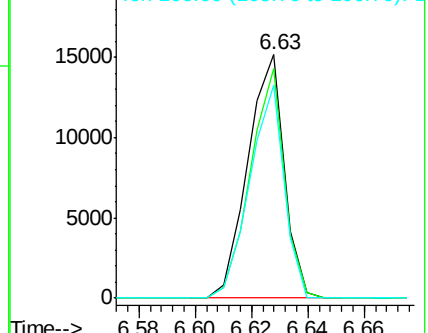
77 100

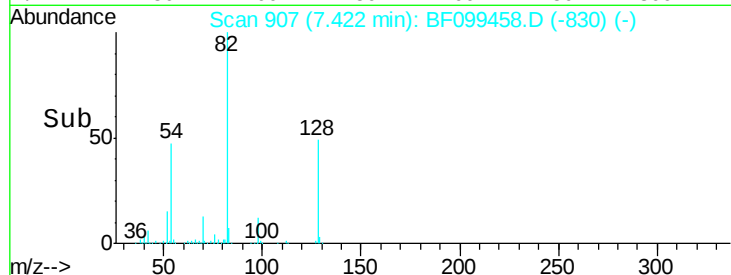
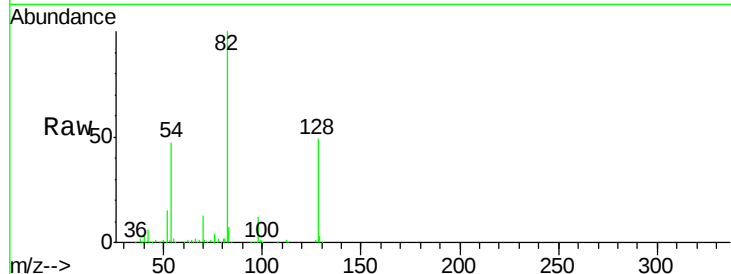
105 94.2 81.1 121.1

106 87.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

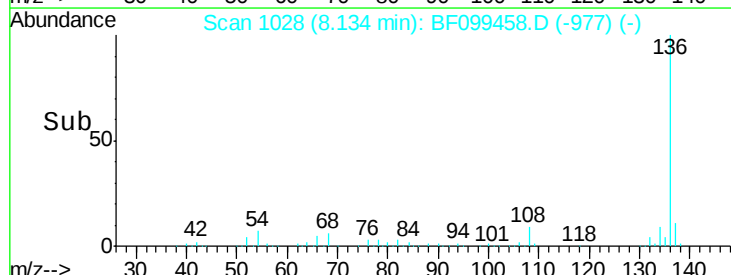
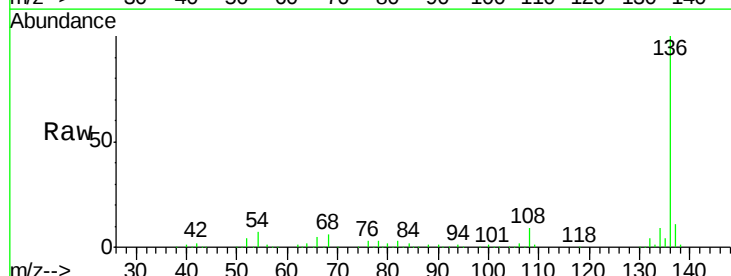
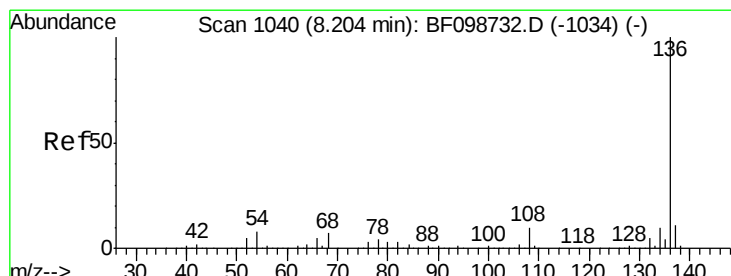
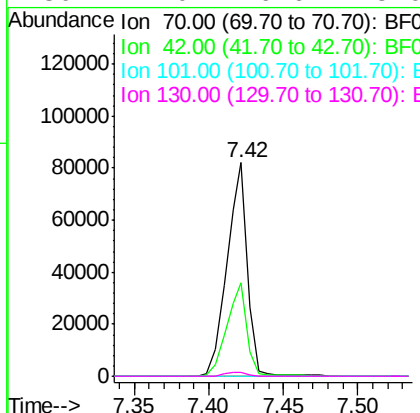




#19
n-Nitroso-di-n-propylamine
Concen: 16.74 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099458.D
Acq: 13 Oct 2017 23:57

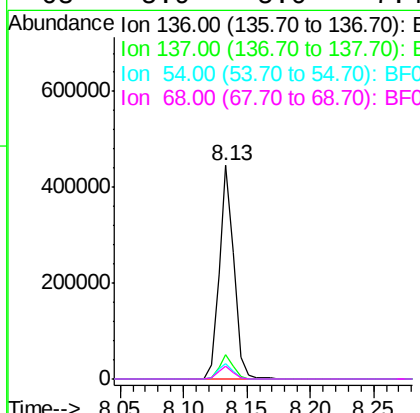
Instrument :
BNA_F
ClientSampleId :

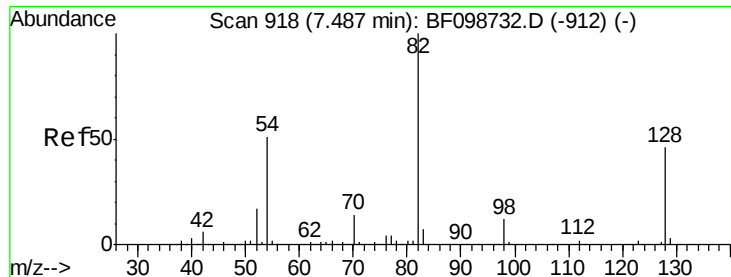
Tot Ion: 70 Resp: 79064
Ion Ratio Lower Upper
70 100
42 43.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099458.D
Acq: 13 Oct 2017 23:57

Tgt Ion: 136 Resp: 364300
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 7.5 6.6 9.8
68 5.9 5.0 7.4

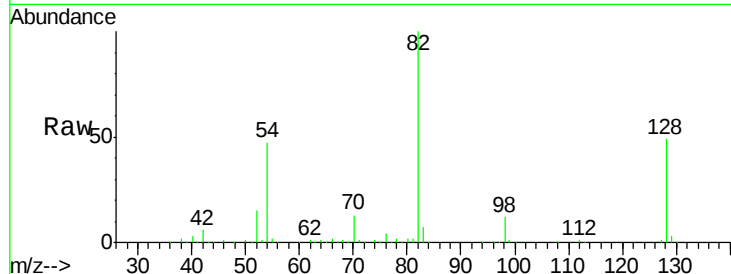




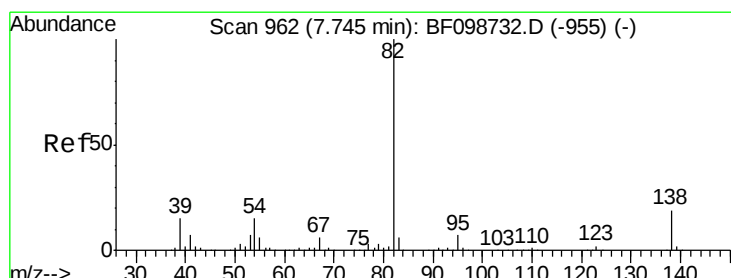
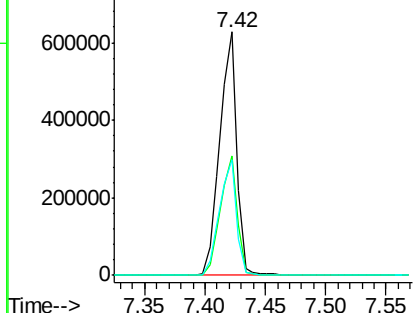
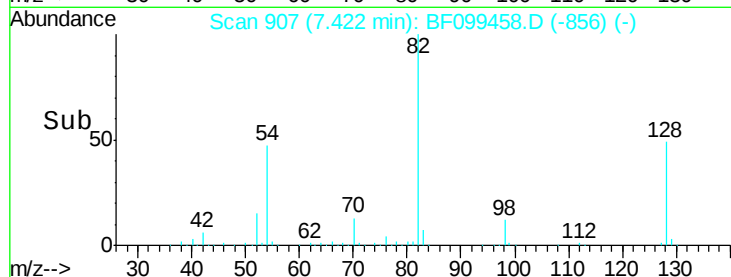
#23
 Nitrobenzene-d5
 Concen: 107.12 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099458.D
 Acq: 13 Oct 2017 23:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	608530
Ion Ratio	100	Lower	Upper
128	49.3	36.1	54.1
54	47.4	41.4	62.2

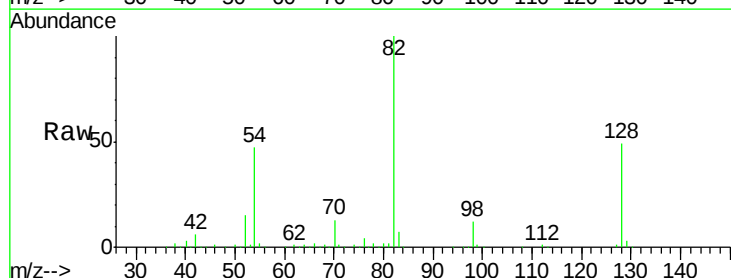


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

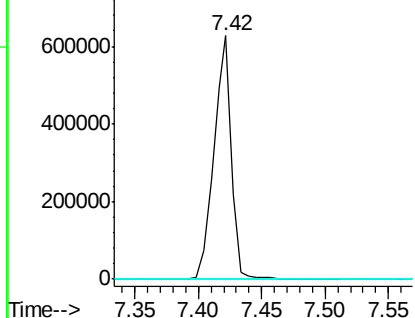
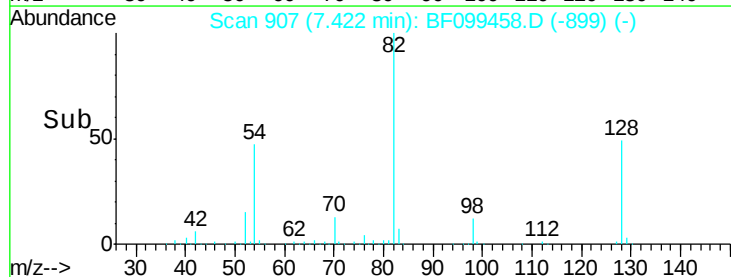


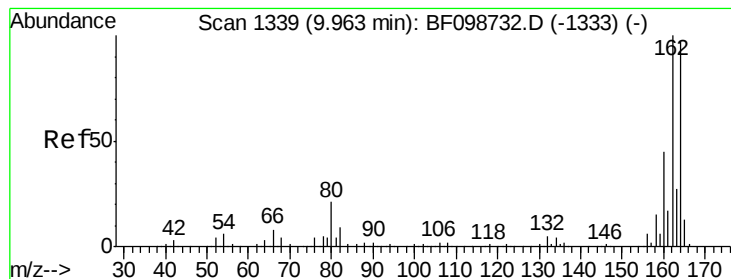
#25
 Isophorone
 Concen: 51.81 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.25 min
 Lab File: BF099458.D
 Acq: 13 Oct 2017 23:57

Tgt Ion	82	Resp	608522
Ion Ratio	100	Lower	Upper
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: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099458.D

Acq: 13 Oct 2017 23:57

Instrument :

BNA_F

ClientSampleId :

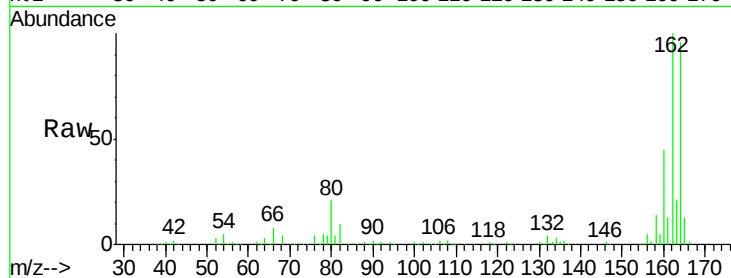
Tot Ion:164 Resp: 139901

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

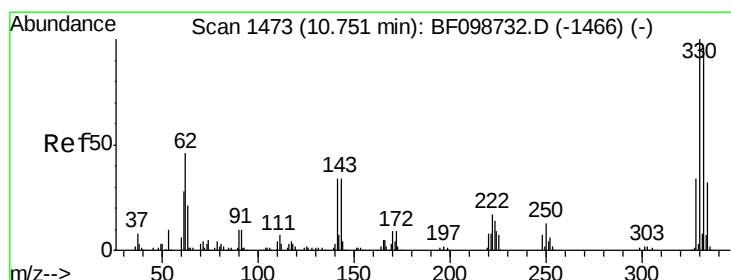
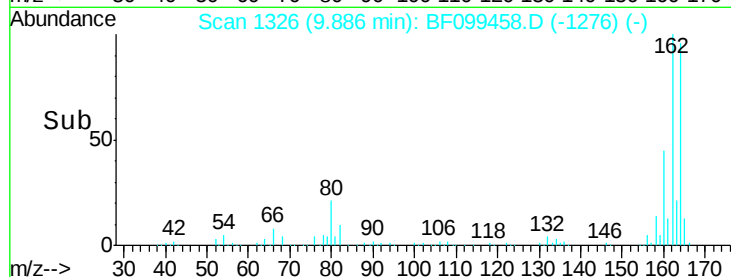
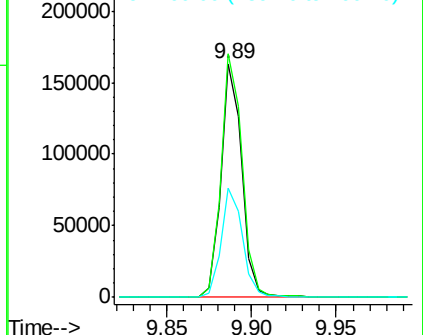
160 46.6 38.3 57.5



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: 138.16 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF099458.D

Acq: 13 Oct 2017 23:57

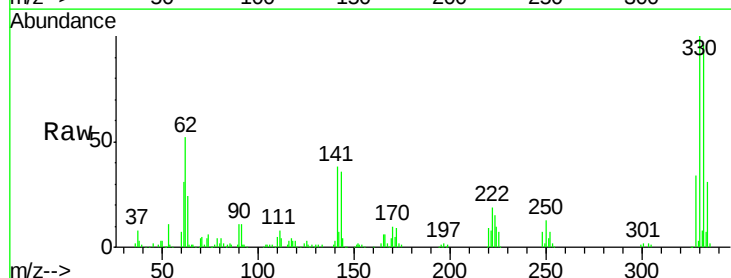
Tgt Ion:330 Resp: 158159

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

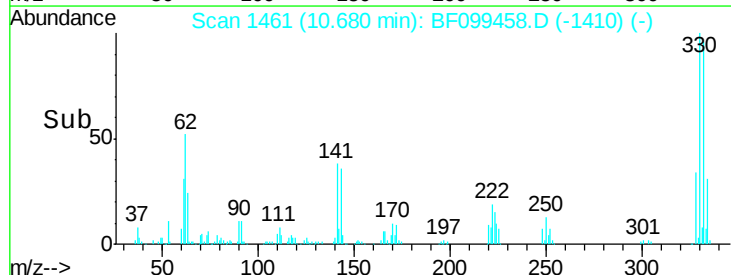
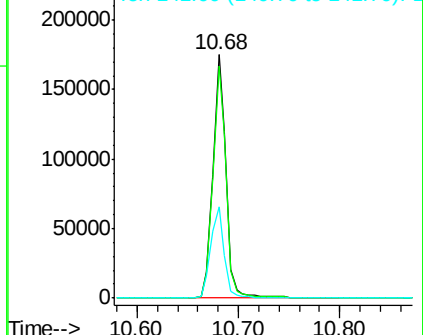
141 38.8 29.9 44.9



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



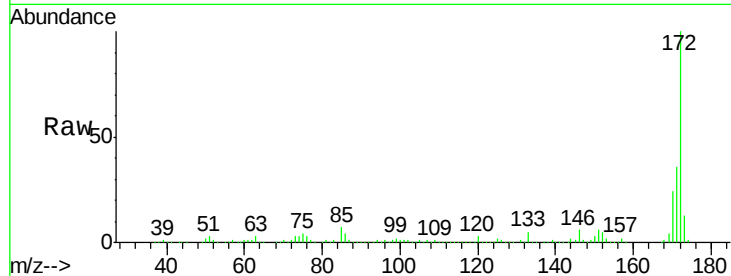


#44
 2-Fluorobiphenyl
 Concen: 121.89 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099458.D
 Acq: 13 Oct 2017 23:57

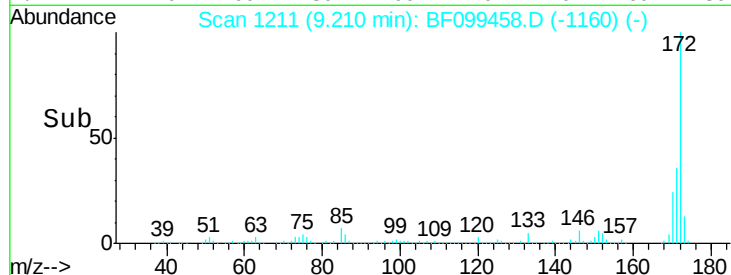
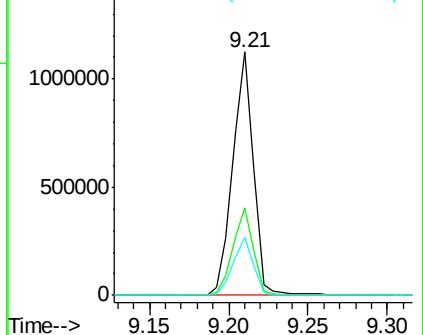
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1021505

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.0	19.6	29.4



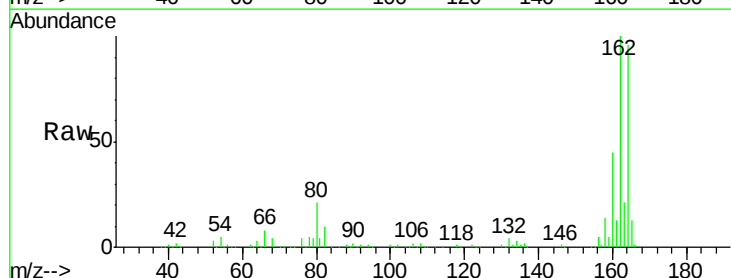
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



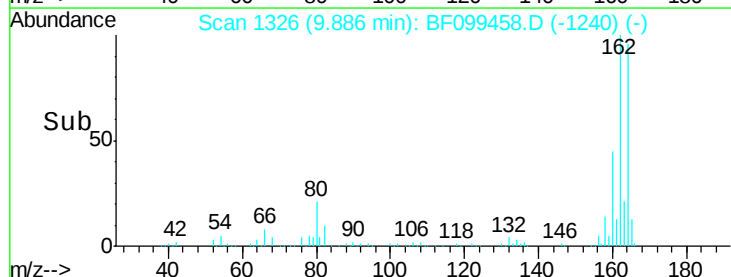
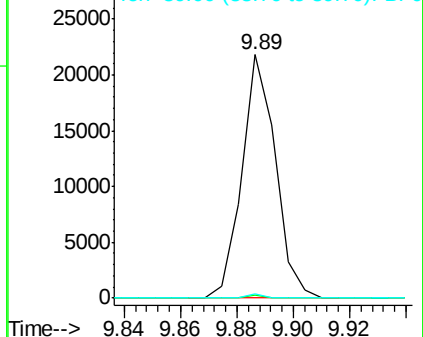
#50
 2,6-Dinitrotoluene
 Concen: 7.81 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099458.D
 Acq: 13 Oct 2017 23:57

Tgt Ion:165 Resp: 17949

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.7	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

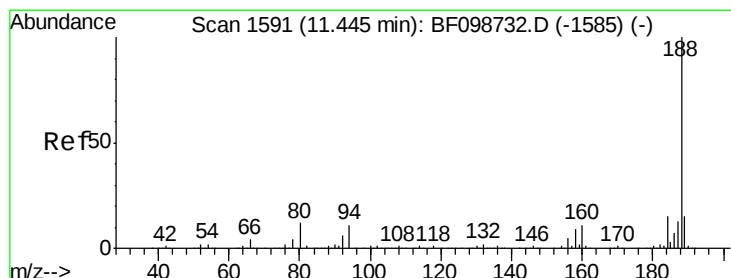
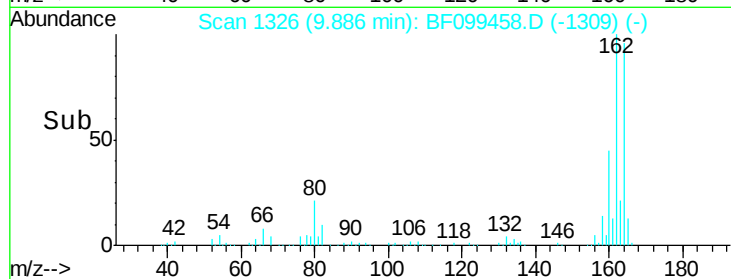
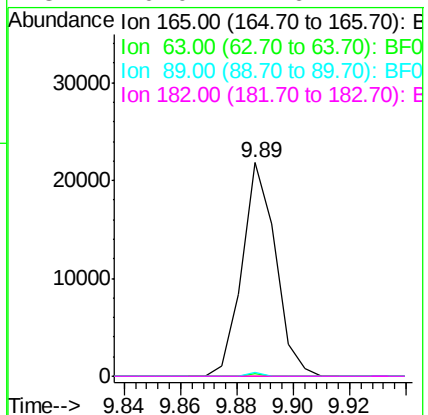
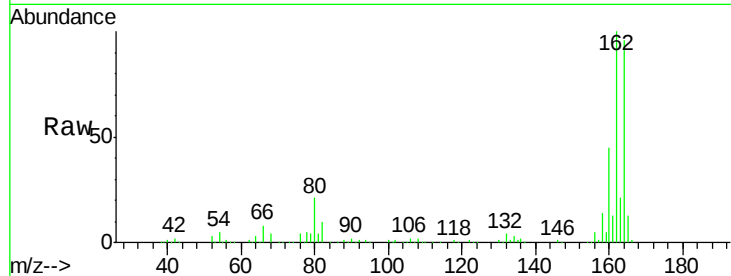




#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099458.D
Acq: 13 Oct 2017 23:57

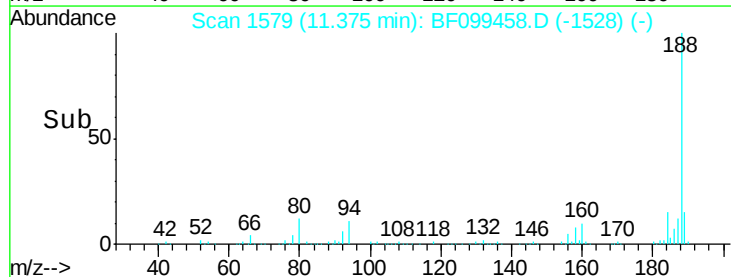
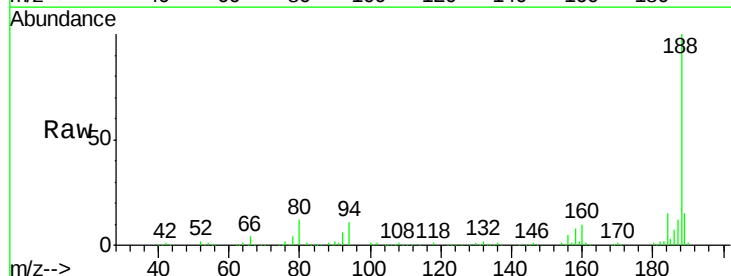
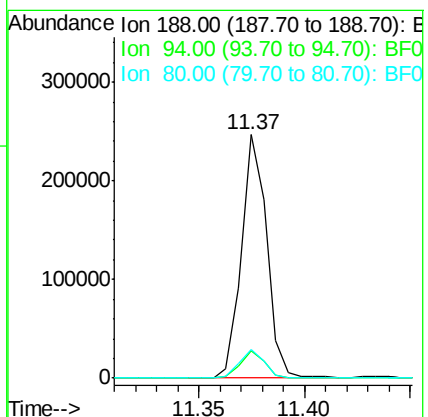
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099458.D
Acq: 13 Oct 2017 23:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.8	9.2	13.8

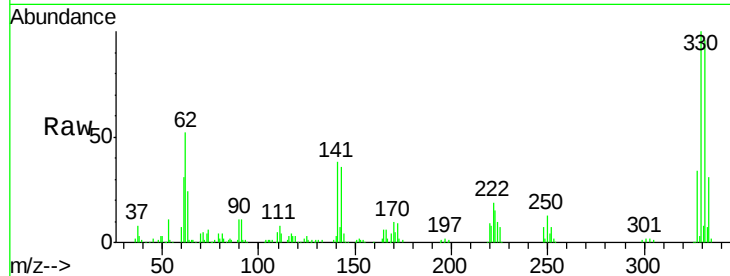




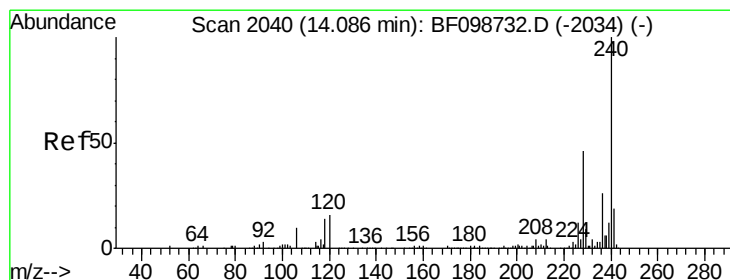
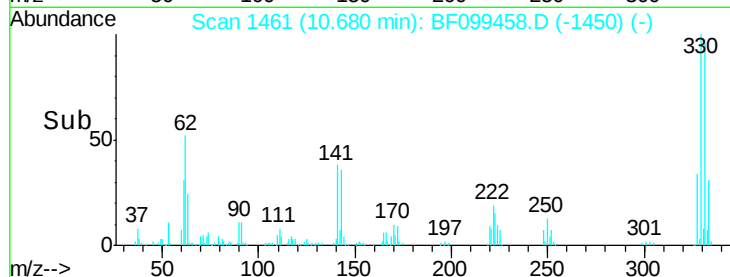
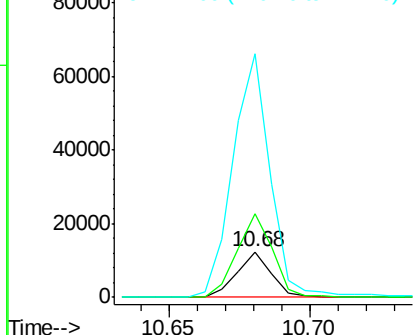
#66
4-Bromophenyl-phenylether
Concen: 5.24 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099458.D
Acq: 13 Oct 2017 23:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10452
Ion Ratio Lower Upper
248 100
250 183.1 76.9 115.3#
141 531.3 74.4 111.6#

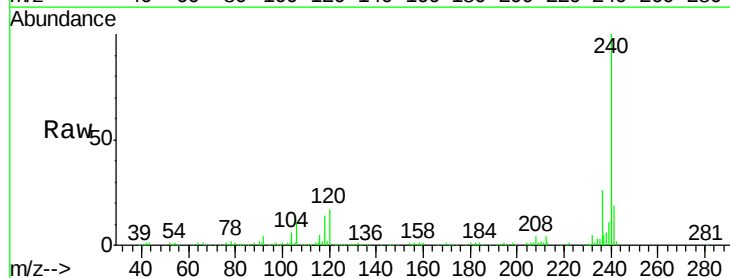


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

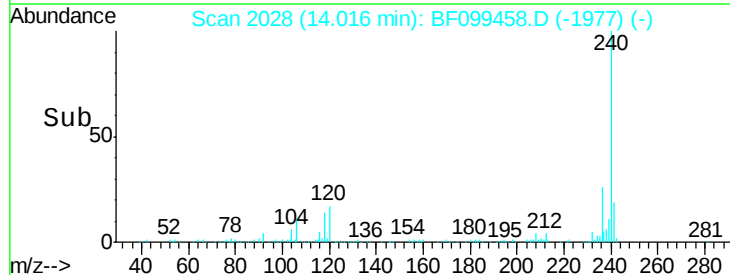
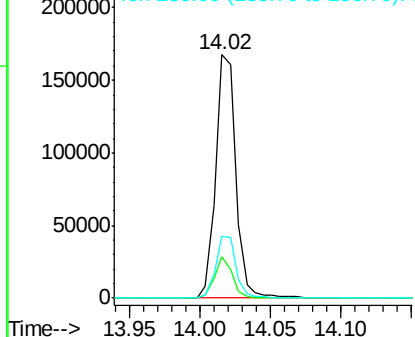


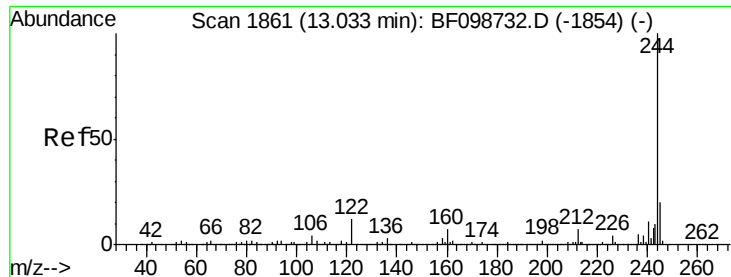
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099458.D
Acq: 13 Oct 2017 23:57

Tgt Ion:240 Resp: 167187
Ion Ratio Lower Upper
240 100
120 17.0 9.5 14.3#
236 25.6 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: 89.64 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099458.D

Acq: 13 Oct 2017 23:57

Instrument :

BNA_F

ClientSampleId :

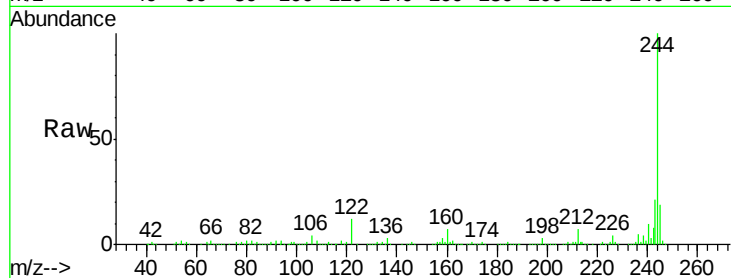
Tot Ion:244 Resp: 659012

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

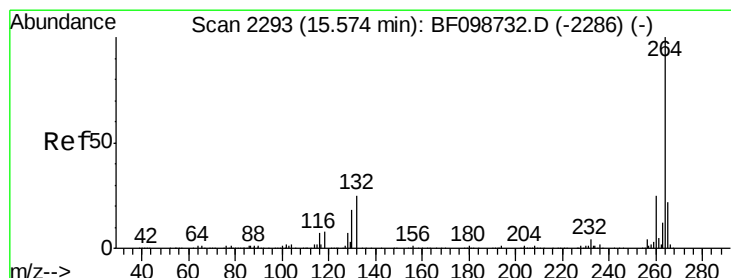
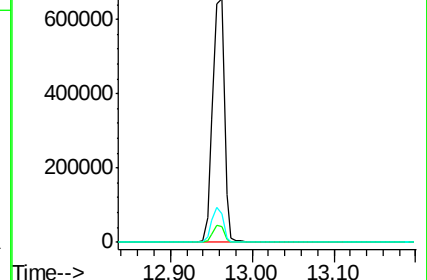
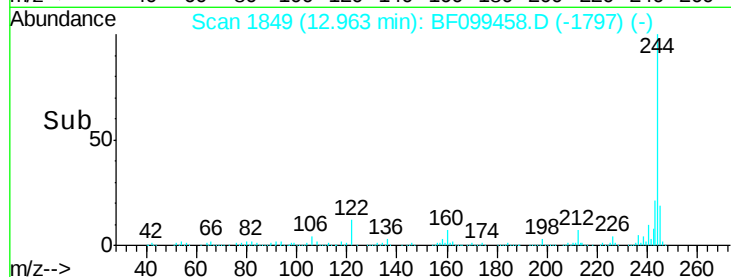
122 11.8 11.0 16.4



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: 20.00 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BF099458.D

Acq: 13 Oct 2017 23:57

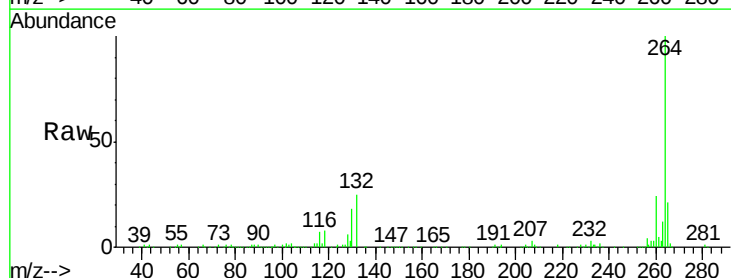
Tgt Ion:264 Resp: 187521

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 20.7 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

