

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099602.D
 Acq On : 18 Oct 2017 00:58
 Operator : SJ/JU
 Sample : I5869-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 02:51:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

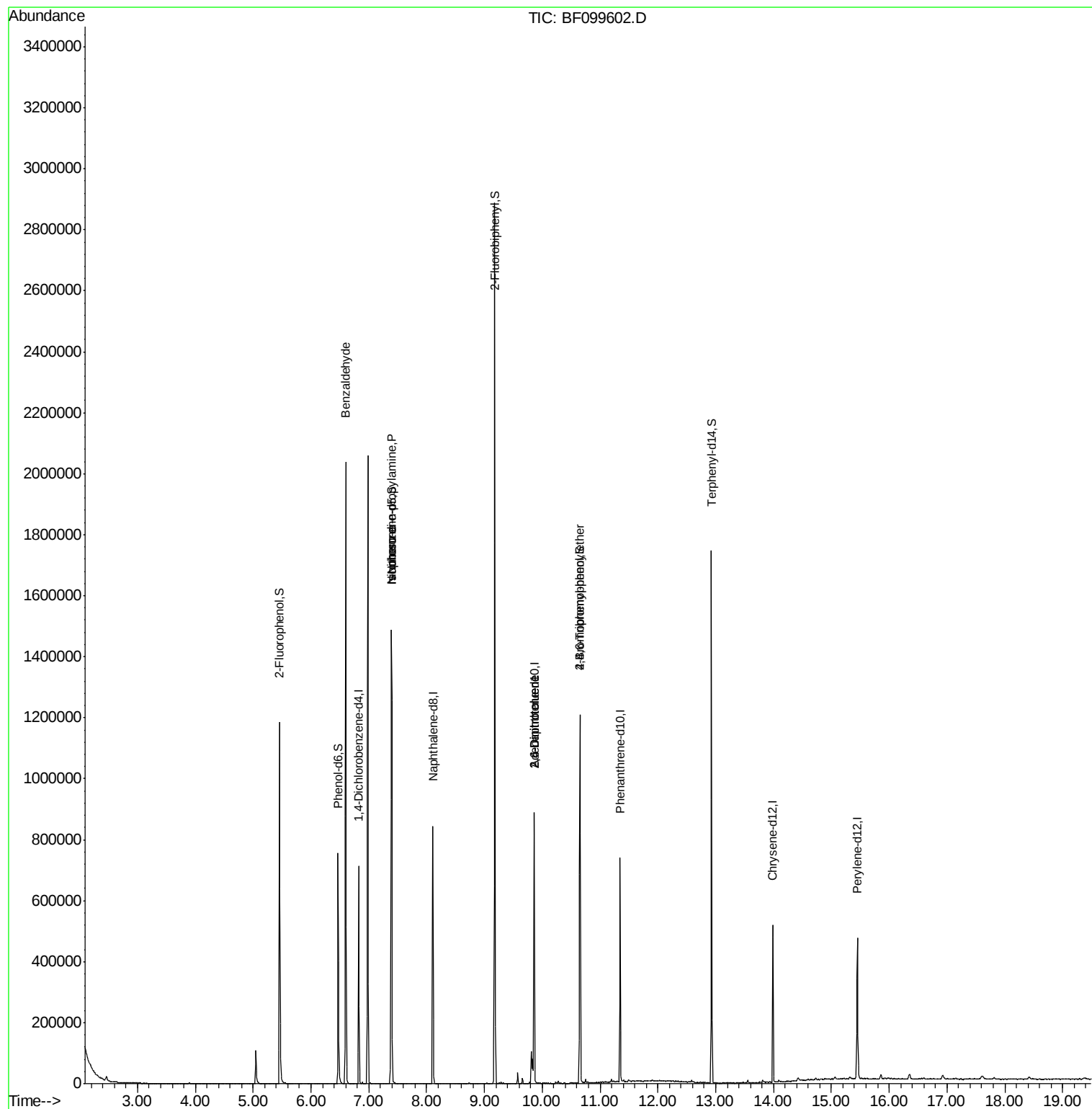
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	104277	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	420495	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	180051	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	259980	20.00	ng	0.00
75) Chrysene-d12	13.99	240	171388	20.00	ng	-0.01
86) Perylene-d12	15.45	264	192512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	352665	53.84	ng	0.01
7) Phenol-d6	6.47	99	261698	32.39	ng	0.00
23) Nitrobenzene-d5	7.39	82	542159	82.69	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	136646	92.75	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	986681	91.48	ng	0.00
78) Terphenyl-d14	12.93	244	552636	73.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	11615	2.48	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.39	70	68497	13.28	ng	# 72
25) Isophorone	7.39	82	542155	39.99	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	22338	7.55	ng	# 25
56) 2,4-Dinitrotoluene	9.86	165	22338	5.82	ng	# 22
66) 4-Bromophenyl-phenylether	10.65	248	8953	3.52	ng	# 1

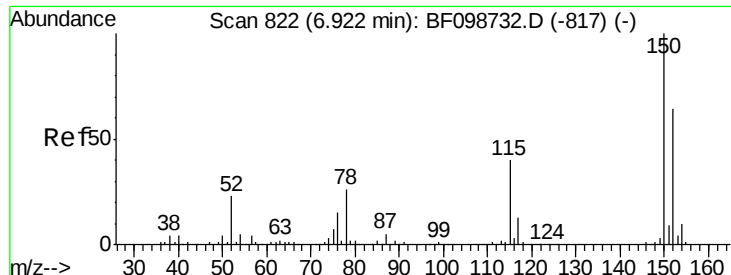
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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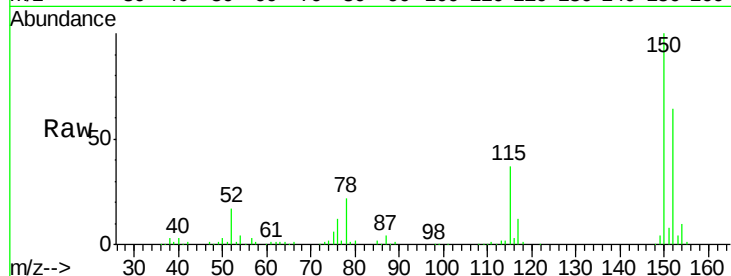


#1

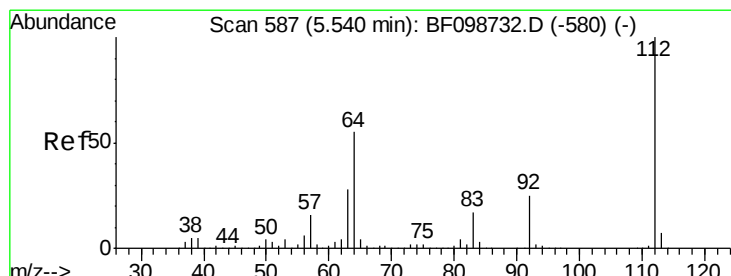
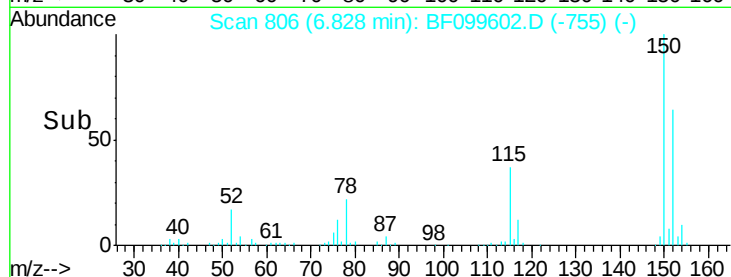
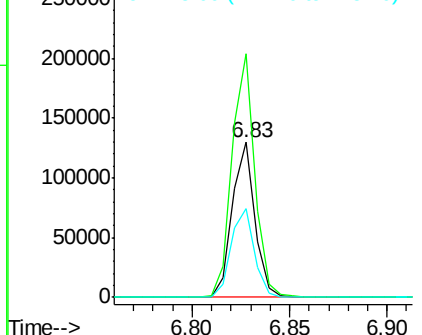
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF099602.D
Acq: 18 Oct 2017 00:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 104277
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 57.4 50.1 75.1



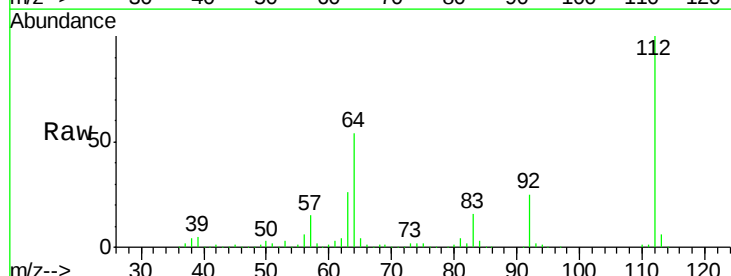
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



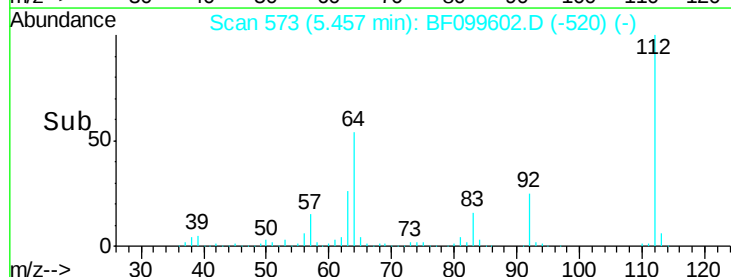
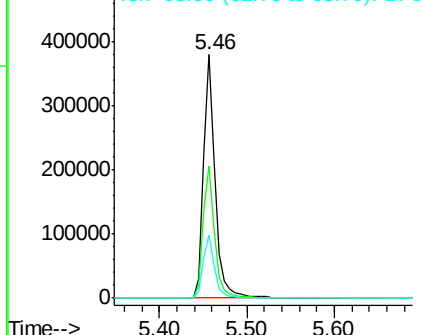
#5

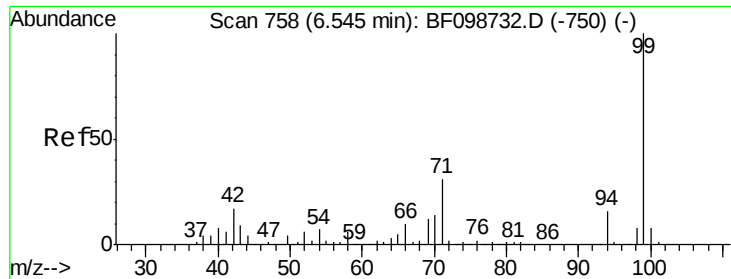
2-Fluorophenol
Concen: 53.84 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF099602.D
Acq: 18 Oct 2017 00:58

Tgt Ion:112 Resp: 352665
Ion Ratio Lower Upper
112 100
64 54.2 47.9 71.9
63 25.9 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: 32.39 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF099602.D

Acq: 18 Oct 2017 00:58

Instrument :

BNA_F

ClientSampleId :

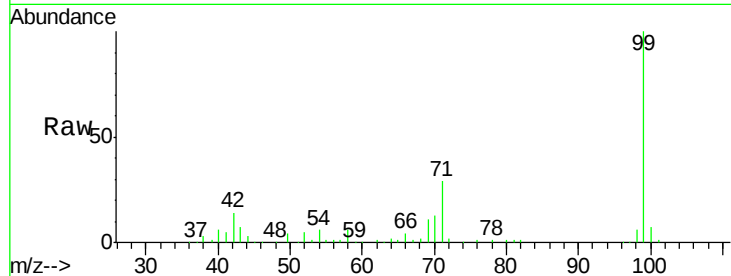
Tot Ion: 99 Resp: 261698

Ion Ratio Lower Upper

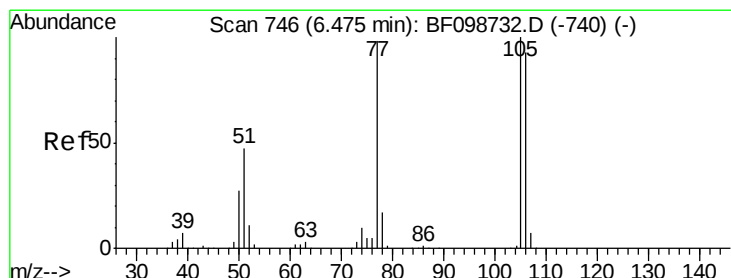
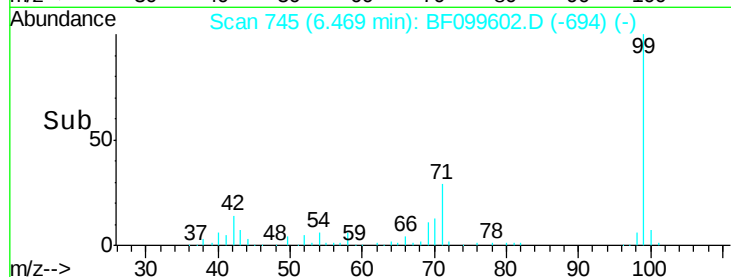
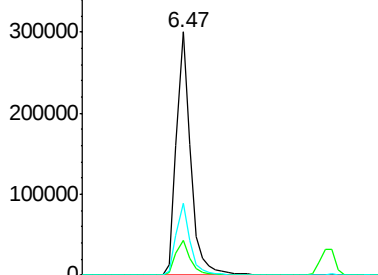
99 100

42 14.5 14.5 21.7

71 29.5 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: 2.48 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.21 min

Lab File: BF099602.D

Acq: 18 Oct 2017 00:58

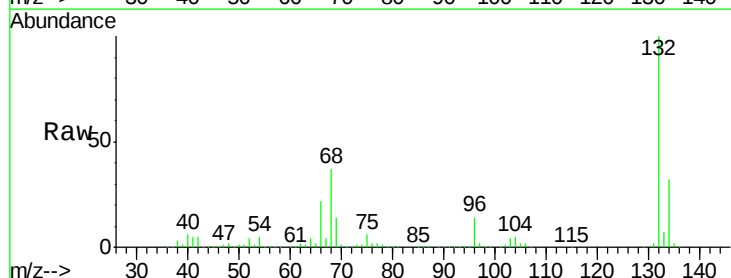
Tgt Ion: 77 Resp: 11615

Ion Ratio Lower Upper

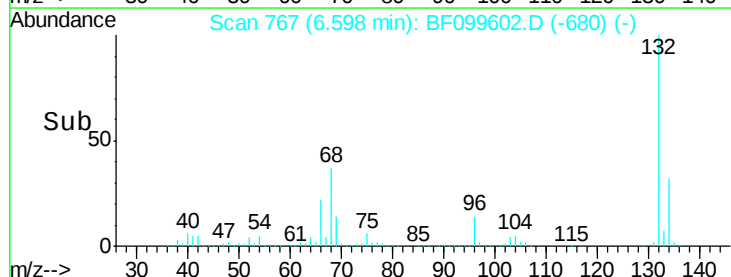
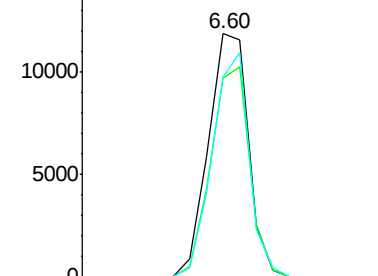
77 100

105 81.6 81.1 121.1

106 82.2 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

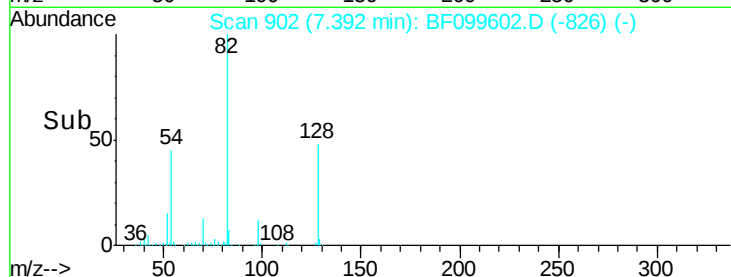
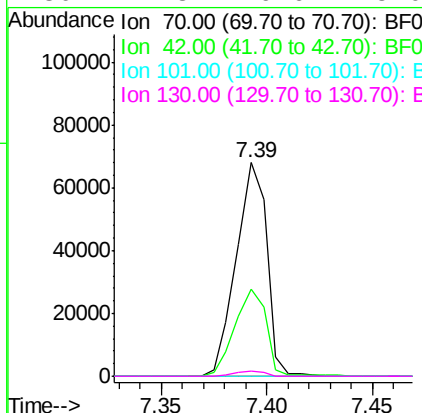
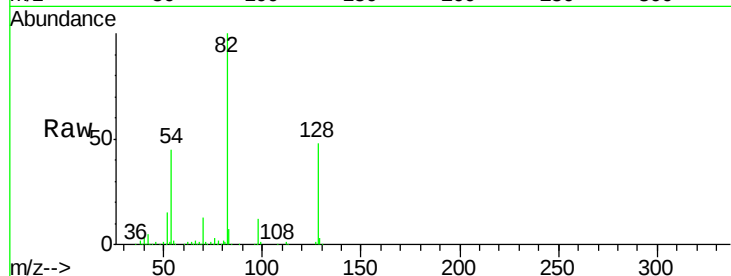




#19
n-Nitroso-di-n-propylamine
Concen: 13.28 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF099602.D
Acq: 18 Oct 2017 00:58

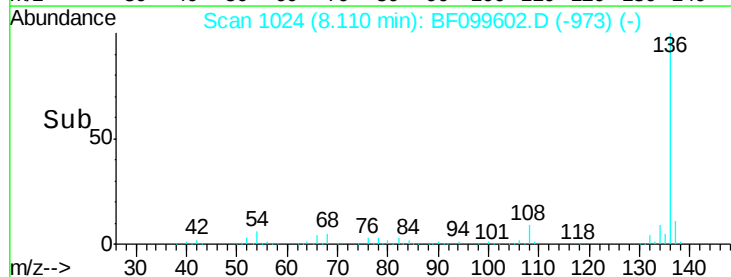
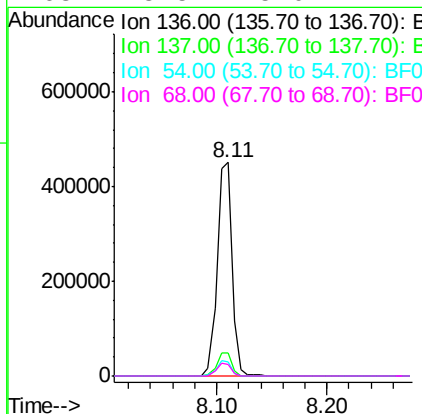
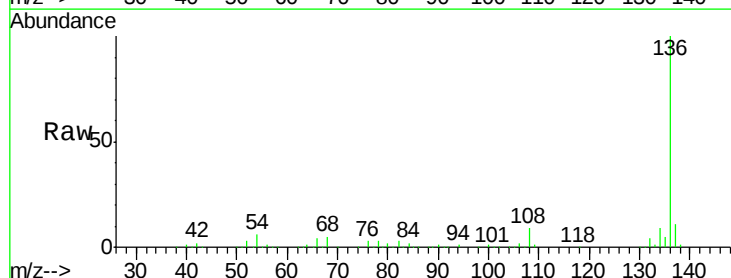
Instrument :
BNA_F
ClientSampleId :

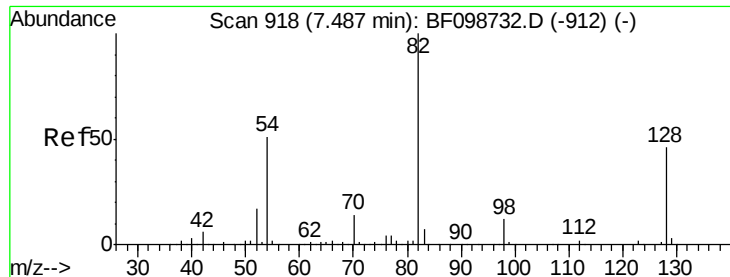
Tot Ion: 70 Resp: 68497
Ion Ratio Lower Upper
70 100
42 40.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF099602.D
Acq: 18 Oct 2017 00:58

Tgt Ion: 136 Resp: 420495
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.4 6.6 9.8#
68 5.5 5.0 7.4

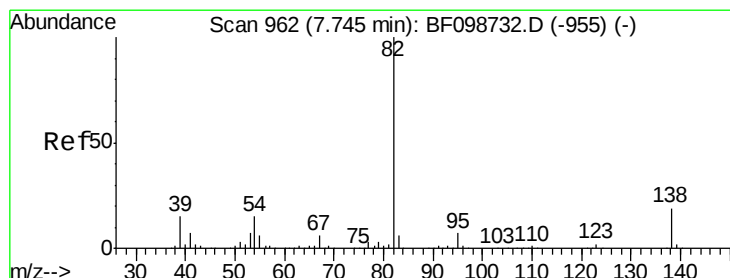
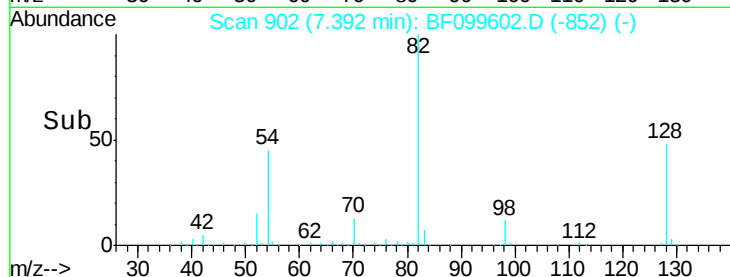
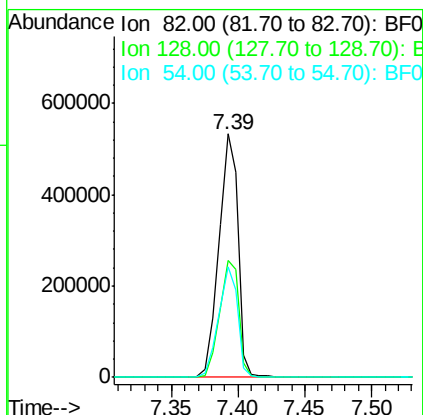
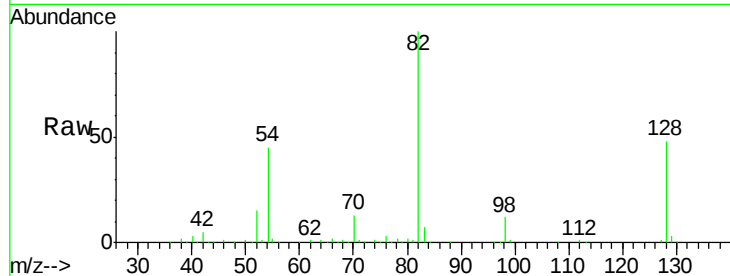




#23
Nitrobenzene-d5
Concen: 82.69 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099602.D
Acq: 18 Oct 2017 00:58

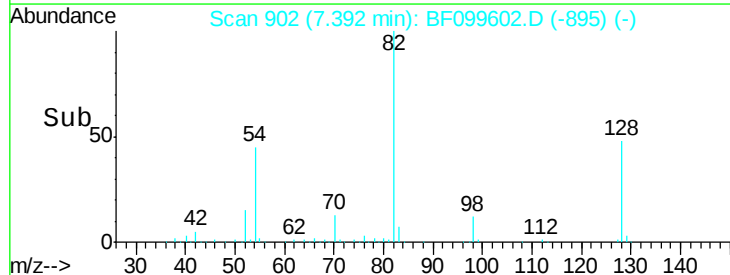
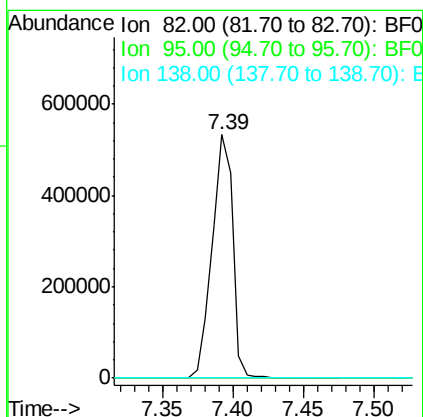
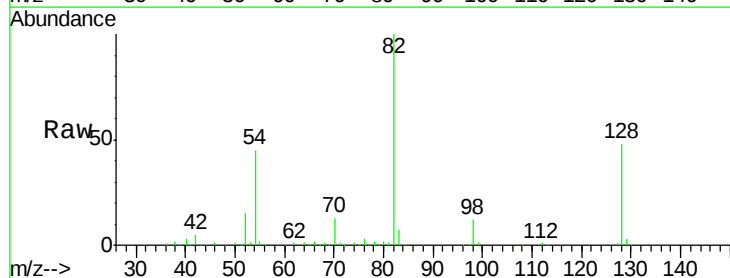
Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	542159
Ion Ratio	100	Lower	Upper
128	47.9	36.1	54.1
54	45.3	41.4	62.2



#25
Isophorone
Concen: 39.99 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF099602.D
Acq: 18 Oct 2017 00:58

Tgt Ion	82	Resp	542155
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

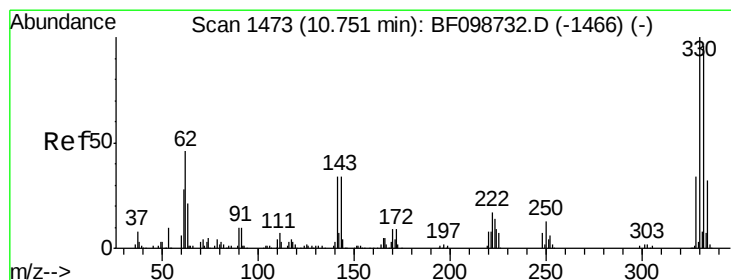
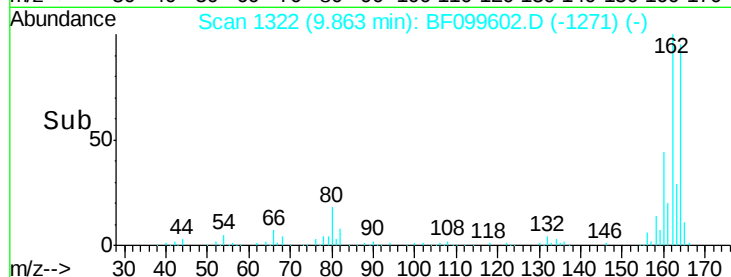
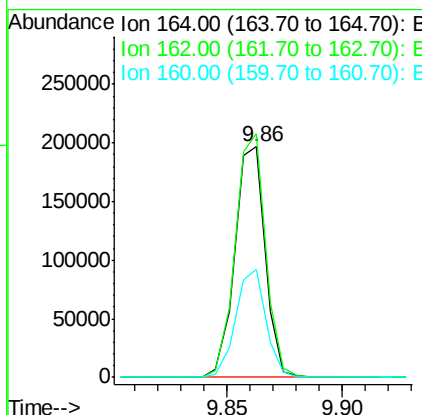
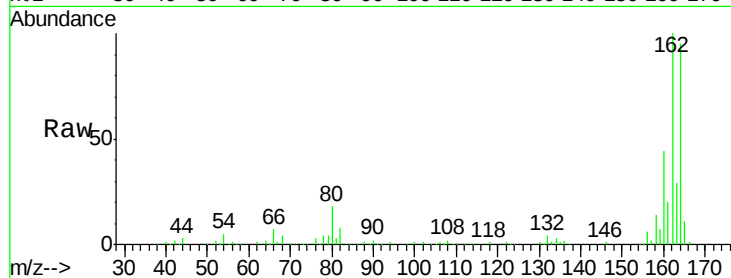




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF099602.D
 Acq: 18 Oct 2017 00:58

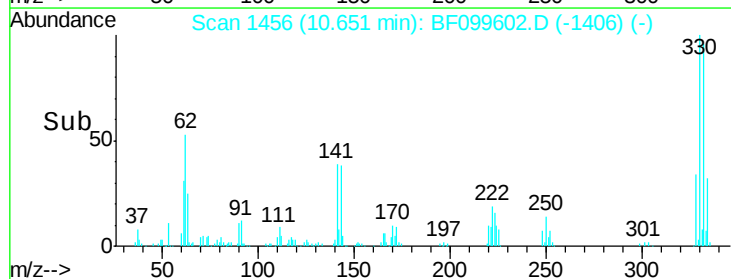
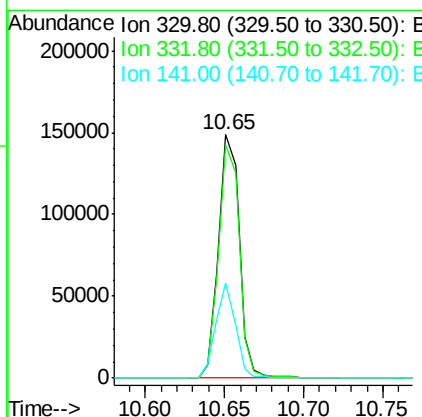
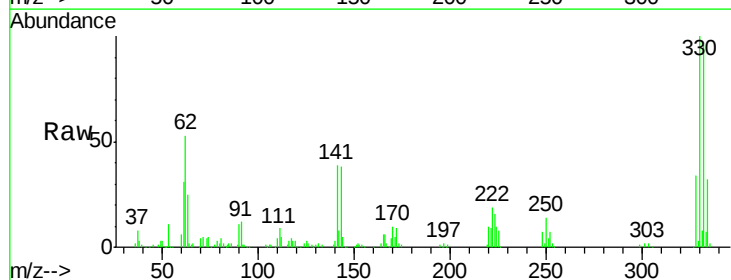
Instrument :
 BNA_F
 ClientSampleId :

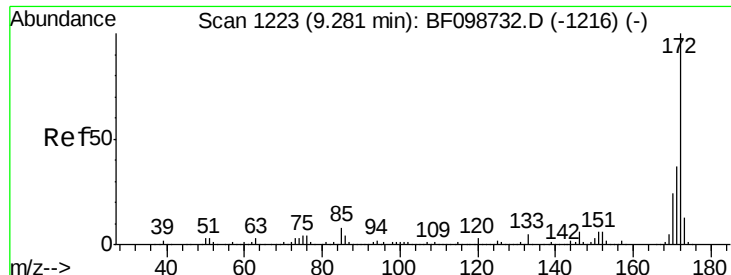
Tot Ion:164 Resp: 180051
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 46.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 92.75 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF099602.D
 Acq: 18 Oct 2017 00:58

Tgt Ion:330 Resp: 136646
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 37.2 29.9 44.9

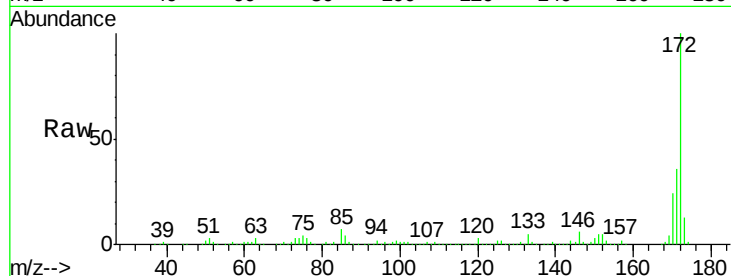




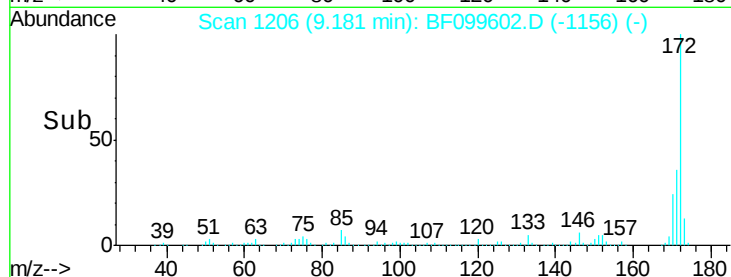
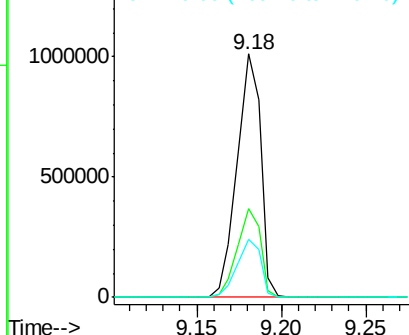
#44
 2-Fluorobiphenyl
 Concen: 91.48 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099602.D
 Acq: 18 Oct 2017 00:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 986681
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.9 19.6 29.4

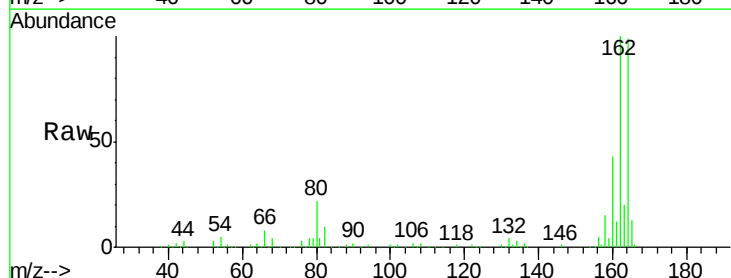


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

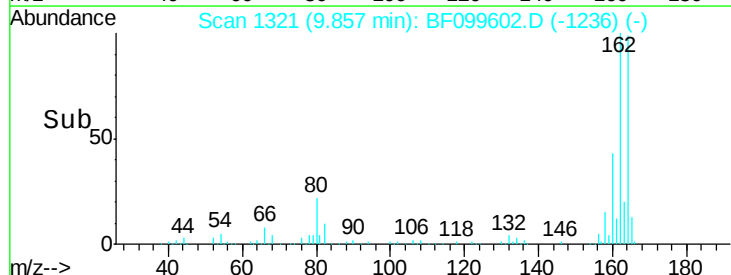
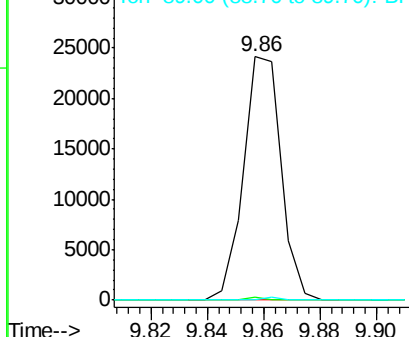


#50
 2,6-Dinitrotoluene
 Concen: 7.55 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.20 min
 Lab File: BF099602.D
 Acq: 18 Oct 2017 00:58

Tgt Ion:165 Resp: 22338
 Ion Ratio Lower Upper
 165 100
 63 1.3 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

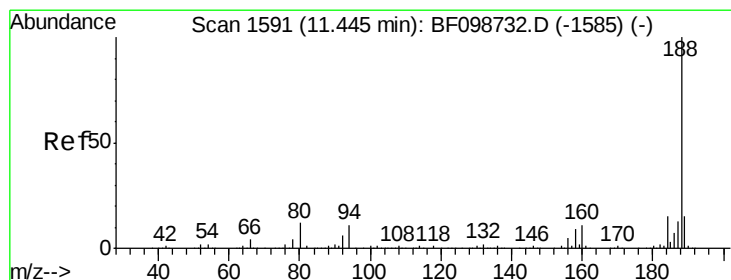
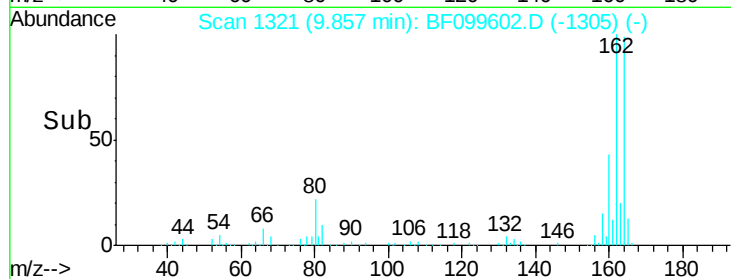
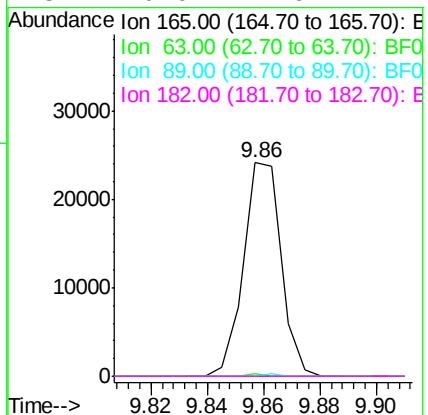
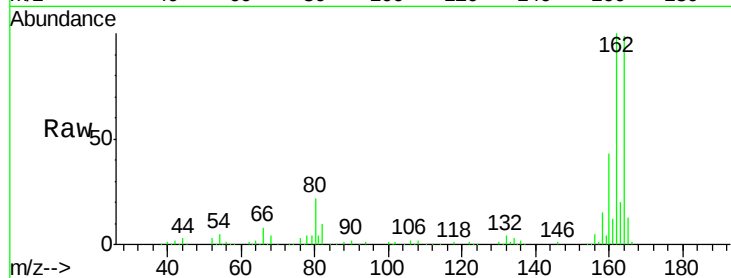




#56
 2,4-Dinitrotoluene
 Concen: 5.82 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.21 min
 Lab File: BF099602.D
 Acq: 18 Oct 2017 00:58

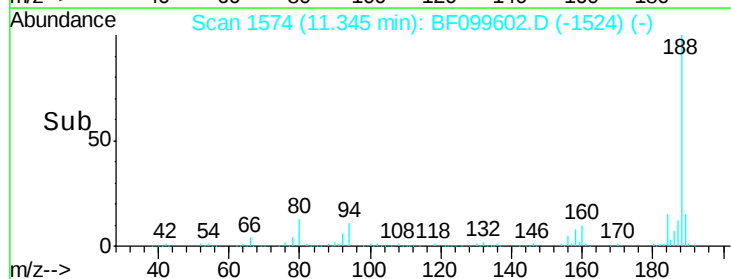
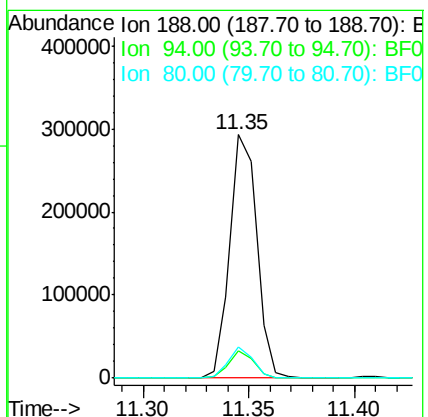
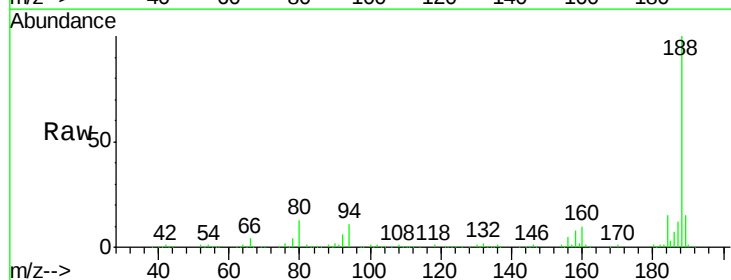
Instrument :
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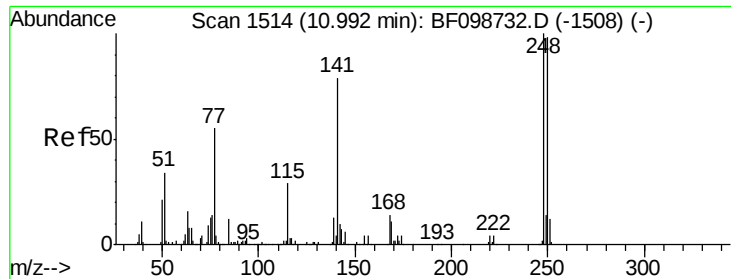
Tot Ion:165	Resp:	22338
Ion Ratio	Lower	Upper
165	100	
63	1.3	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF099602.D
 Acq: 18 Oct 2017 00:58

Tgt Ion:188	Resp:	259980
Ion Ratio	Lower	Upper
188	100	
94	11.2	8.5 12.7
80	12.6	9.2 13.8

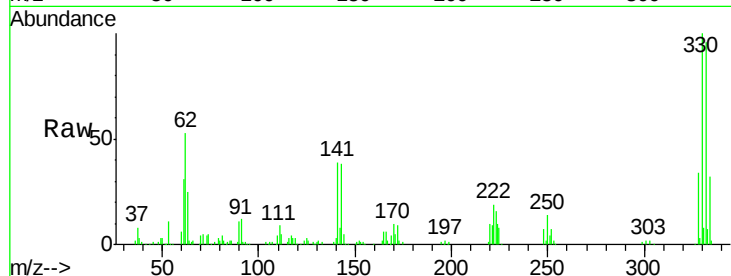




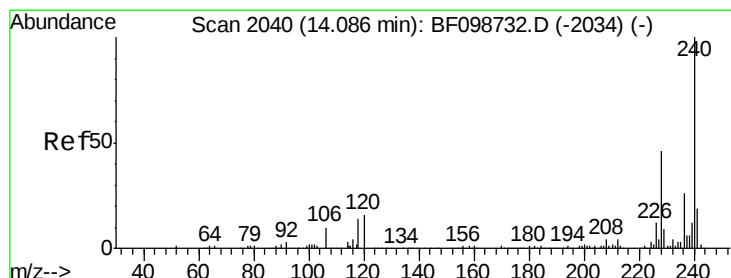
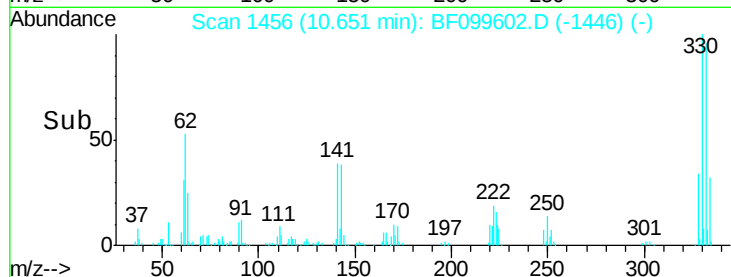
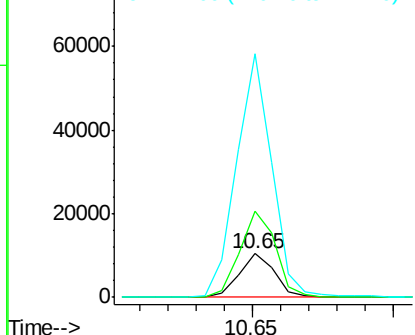
#66
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.24 min
Lab File: BF099602.D
Acq: 18 Oct 2017 00:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8953
Ion Ratio Lower Upper
248 100
250 195.7 76.9 115.3#
141 556.5 74.4 111.6#

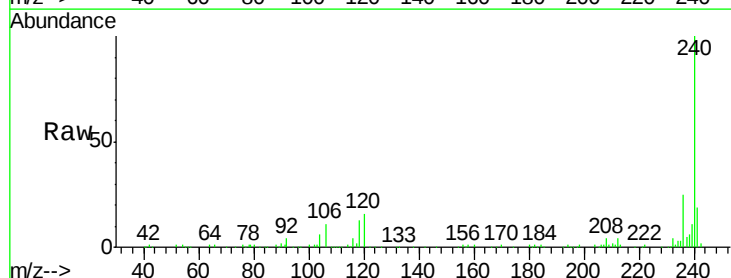


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

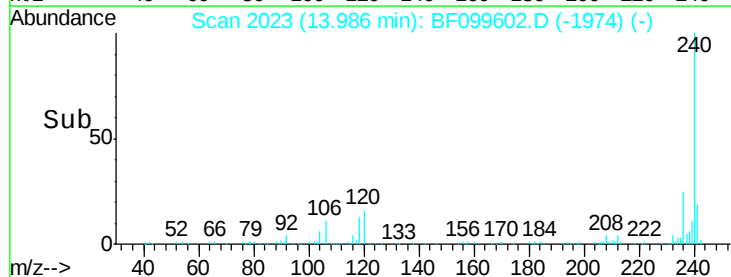
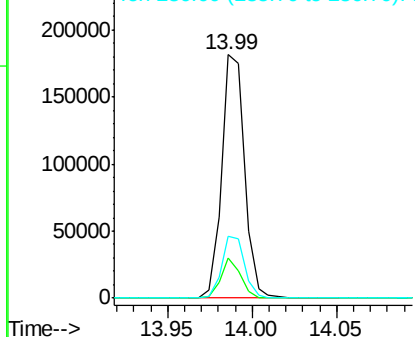


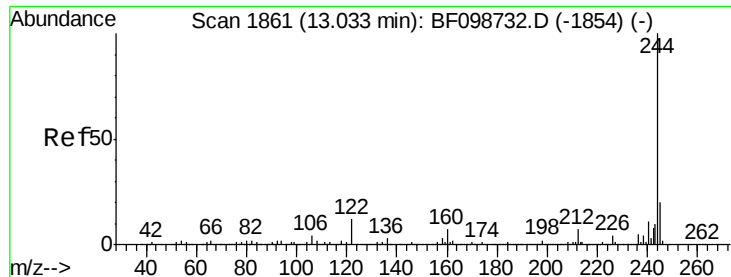
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099602.D
Acq: 18 Oct 2017 00:58

Tgt Ion:240 Resp: 171388
Ion Ratio Lower Upper
240 100
120 16.4 9.5 14.3#
236 25.4 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: 73.33 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF099602.D

Acq: 18 Oct 2017 00:58

Instrument :

BNA_F

ClientSampleId :

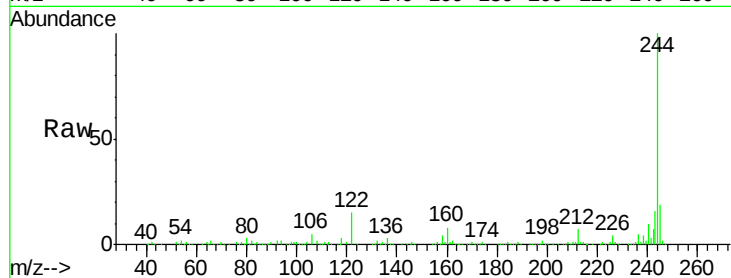
Tot Ion:244 Resp: 552636

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

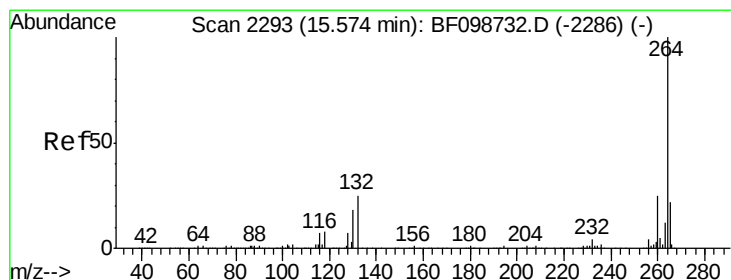
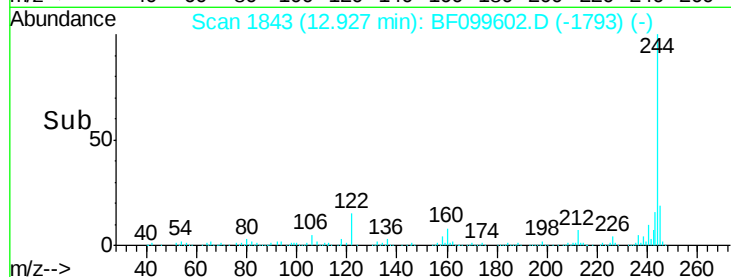
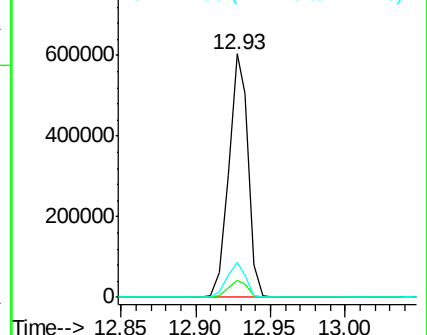
122 14.6 11.0 16.4



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: 15.45 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BF099602.D

Acq: 18 Oct 2017 00:58

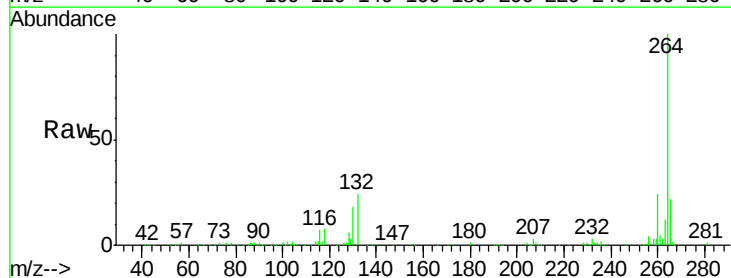
Tgt Ion:264 Resp: 192512

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.7 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

