

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099657.D
 Acq On : 19 Oct 2017 10:34
 Operator : SJ/JU
 Sample : I5935-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 16:27:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

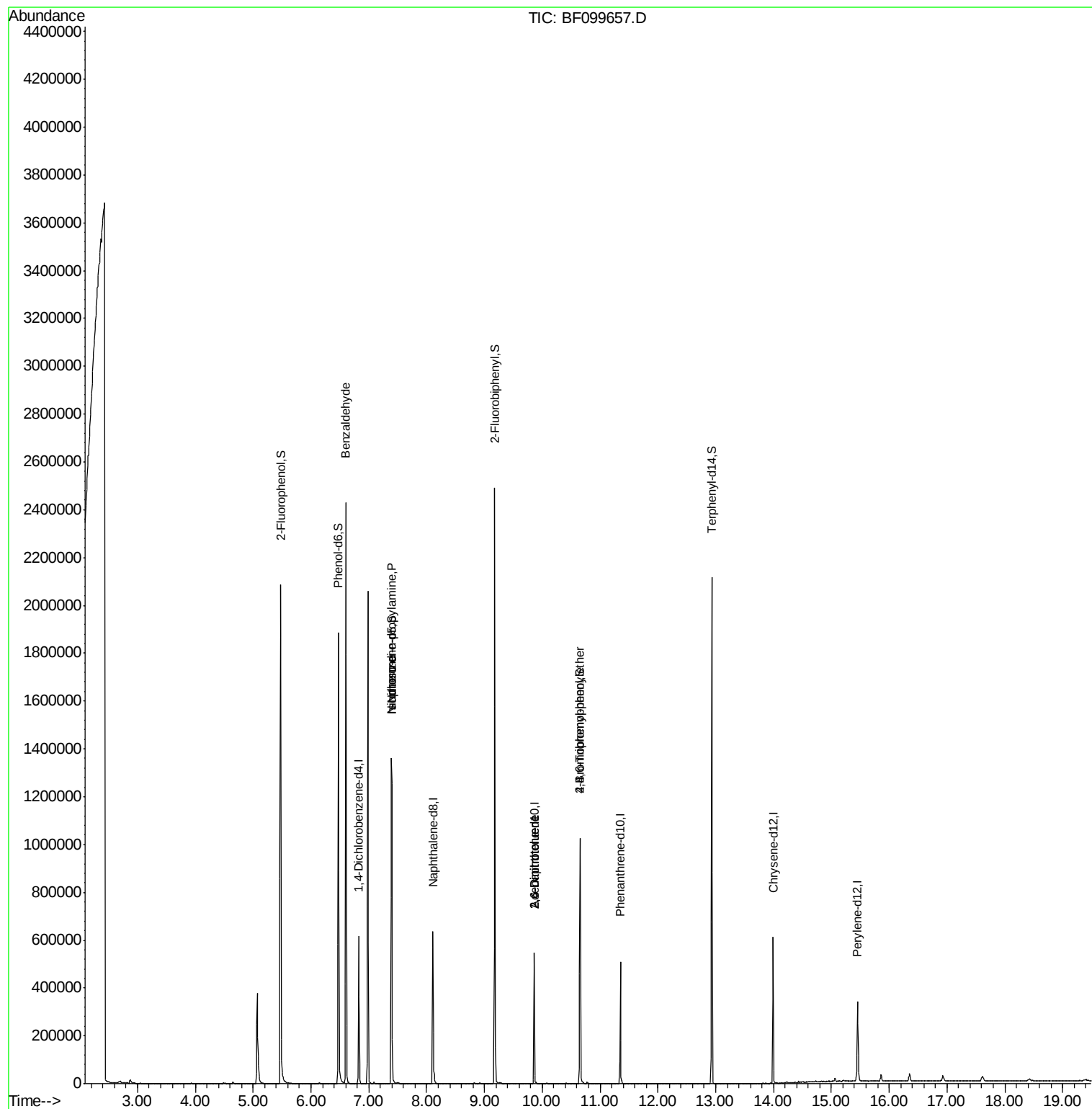
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	89167	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	315354	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	112494	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	179286	20.00	ng	0.00
75) Chrysene-d12	13.99	240	182552	20.00	ng	0.00
86) Perylene-d12	15.46	264	143752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	703169	125.54	ng	0.02
7) Phenol-d6	6.47	99	729875	105.63	ng	0.00
23) Nitrobenzene-d5	7.39	82	497790	101.23	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	131993	143.39	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	834761	123.88	ng	0.00
78) Terphenyl-d14	12.93	244	678148	84.48	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	12942	3.229	ng	93
19) n-Nitroso-di-n-propylamine	7.39	70	62865	14.250	ng	# 76
25) Isophorone	7.39	82	497783	48.962	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	14269	7.720	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	14269	5.948	ng	# 21
66) 4-Bromophenyl-phenylether	10.65	248	8865	5.052	ng	# 1

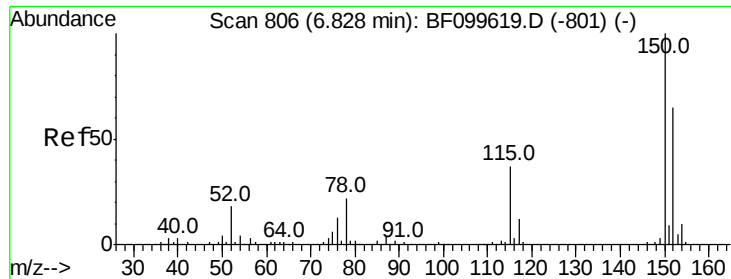
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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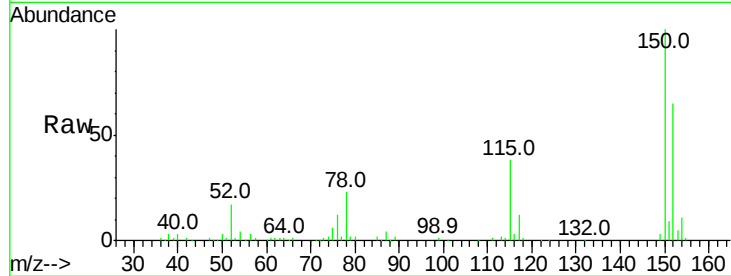


#1

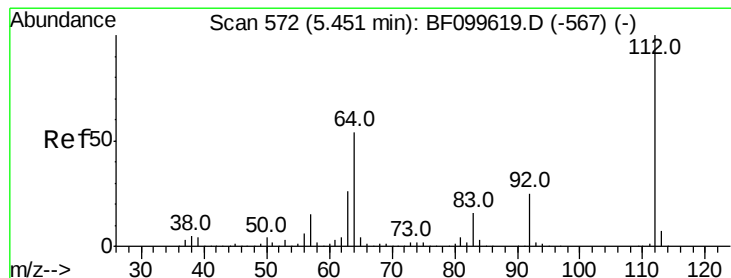
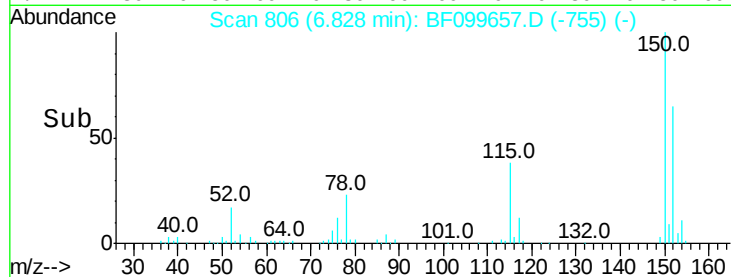
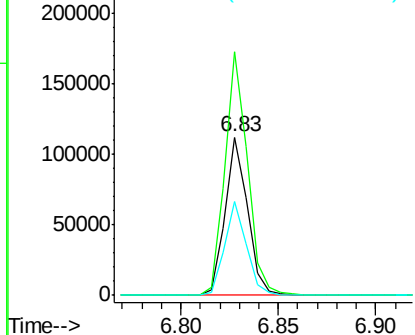
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099657.D
Acq: 19 Oct 2017 10:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89167
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 59.1 50.1 75.1



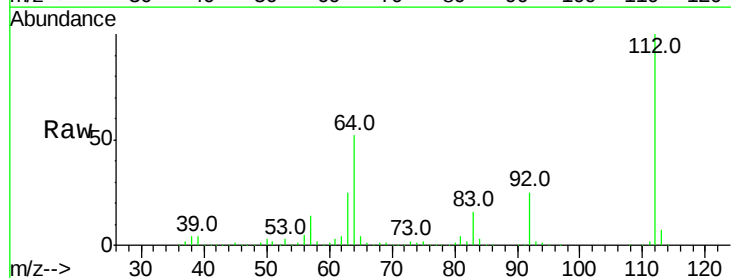
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



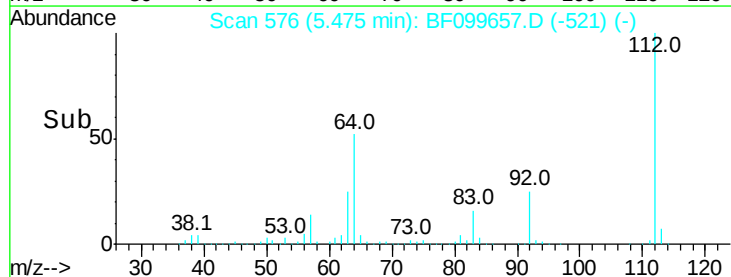
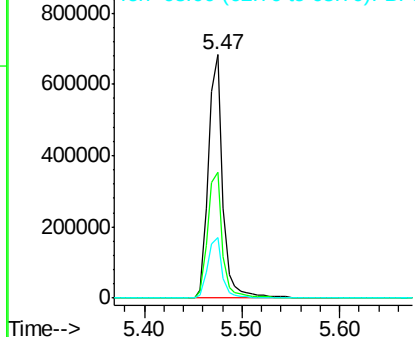
#5

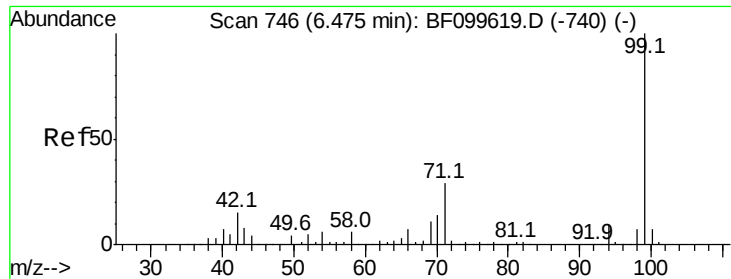
2-Fluorophenol
Concen: 125.537 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.02 min
Lab File: BF099657.D
Acq: 19 Oct 2017 10:34

Tgt Ion:112 Resp: 703169
Ion Ratio Lower Upper
112 100
64 51.8 47.9 71.9
63 24.9 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: 105.629 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099657.D

Acq: 19 Oct 2017 10:34

Instrument :

BNA_F

ClientSampled :

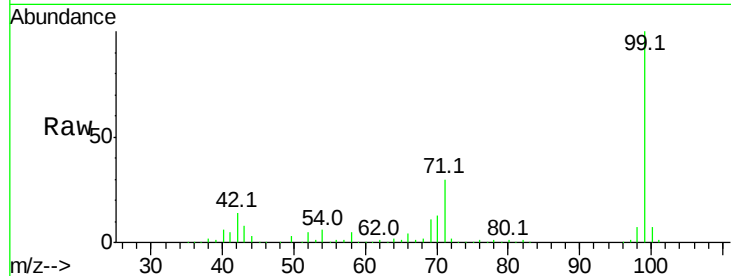
Tot Ion: 99 Resp: 729875

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7#

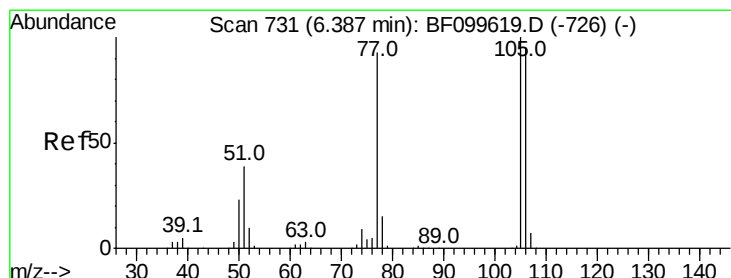
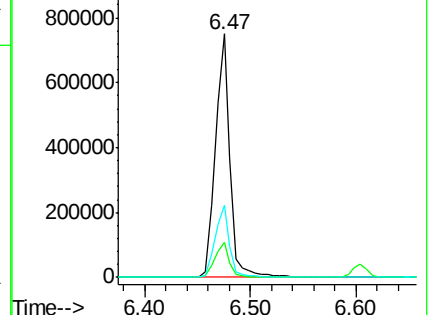
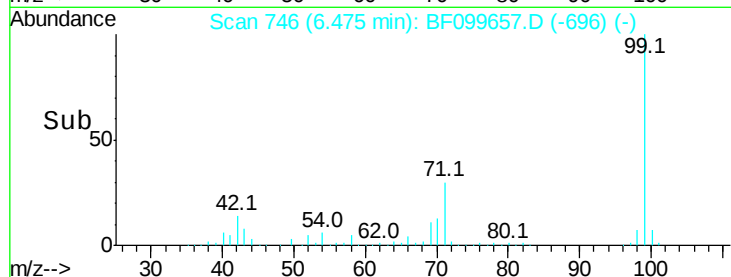
71 29.5 25.4 38.0



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: 3.229 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.22 min

Lab File: BF099657.D

Acq: 19 Oct 2017 10:34

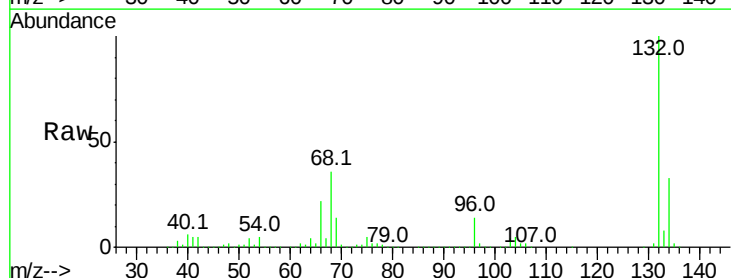
Tgt Ion: 77 Resp: 12942

Ion Ratio Lower Upper

77 100

105 91.2 81.1 121.1

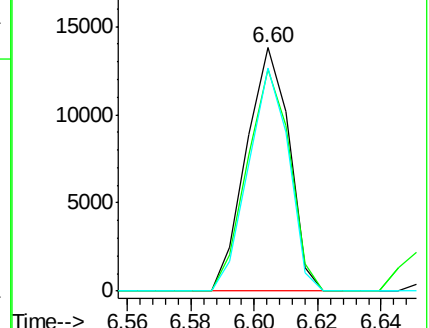
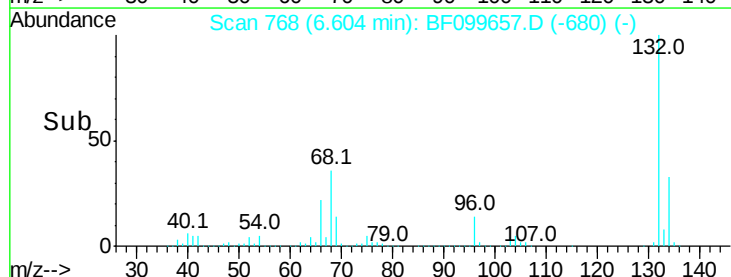
106 91.4 74.5 114.5

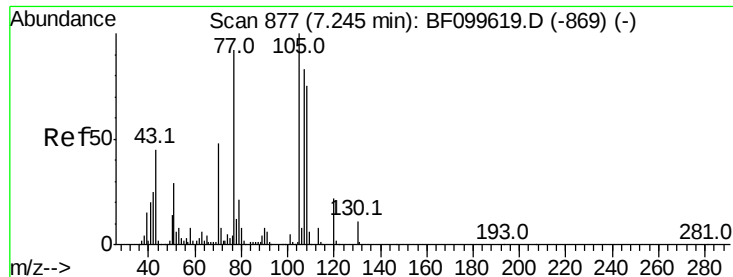


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

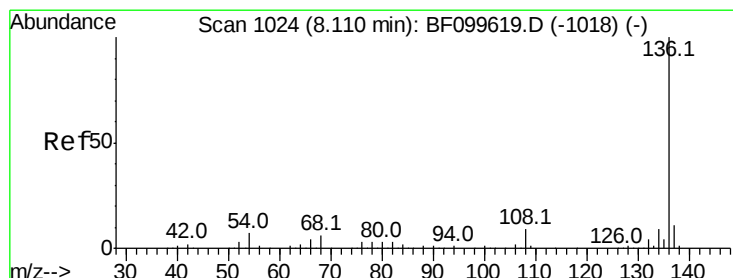
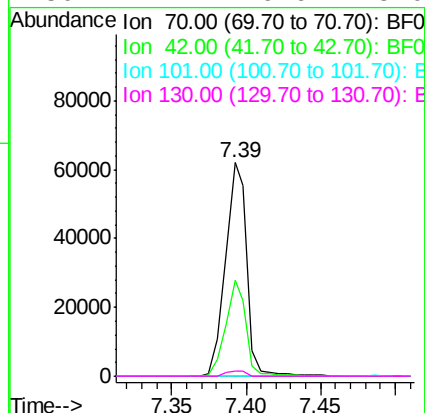
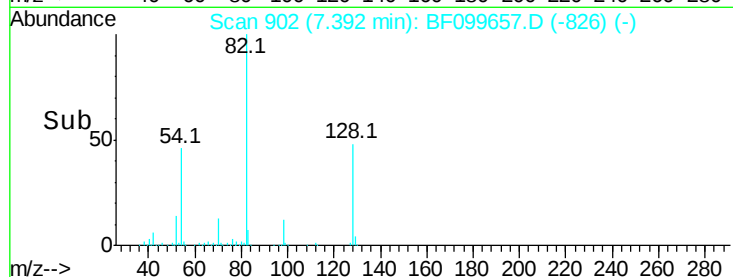
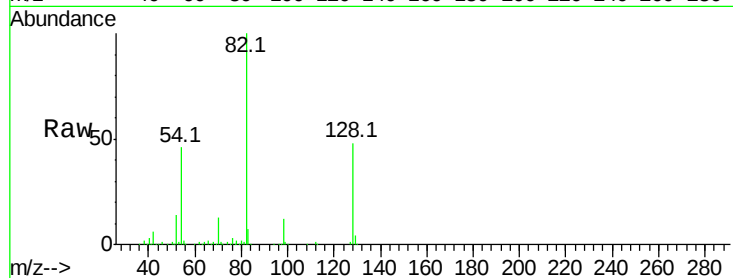




#19
n-Nitroso-di-n-propylamine
Concen: 14.250 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF099657.D
Acq: 19 Oct 2017 10:34

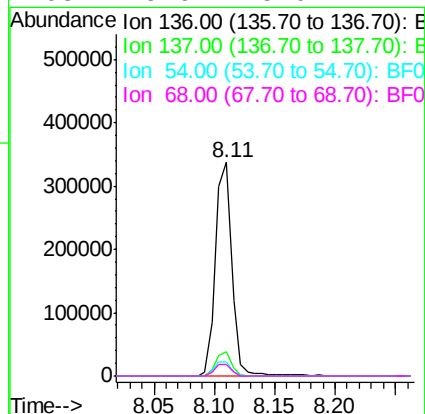
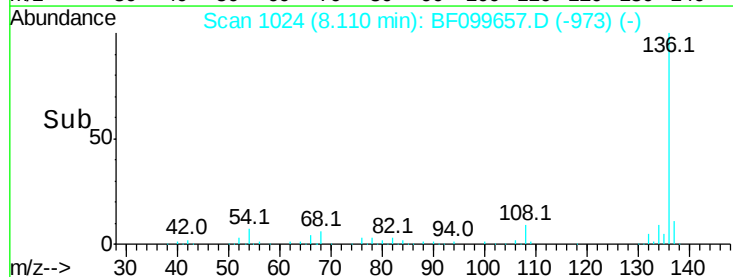
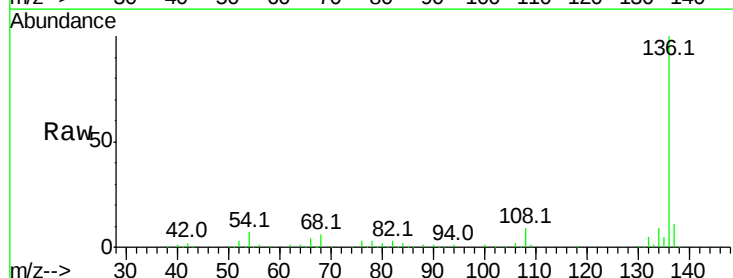
Instrument :
BNA_F
ClientSampleId :

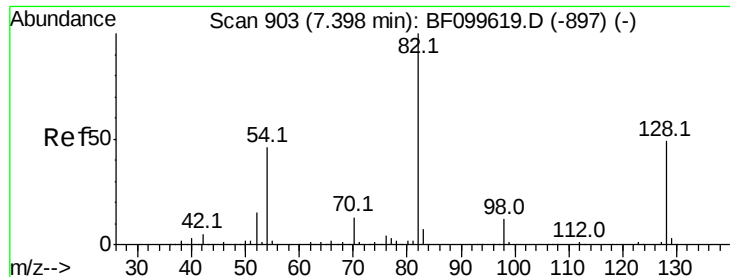
Tot Ion: 70 Resp: 62865
Ion Ratio Lower Upper
70 100
42 45.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099657.D
Acq: 19 Oct 2017 10:34

Tgt Ion:136 Resp: 315354
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.9 6.6 9.8
68 5.6 5.0 7.4

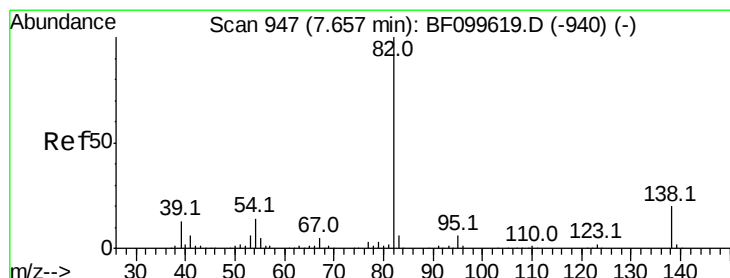
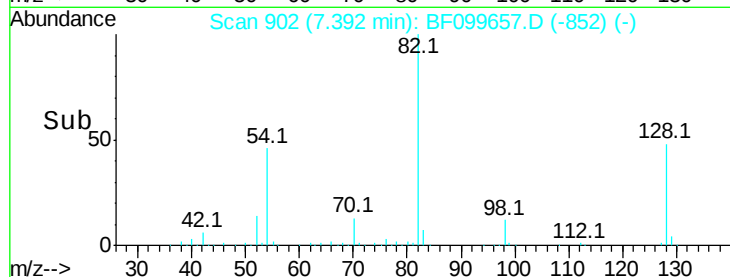
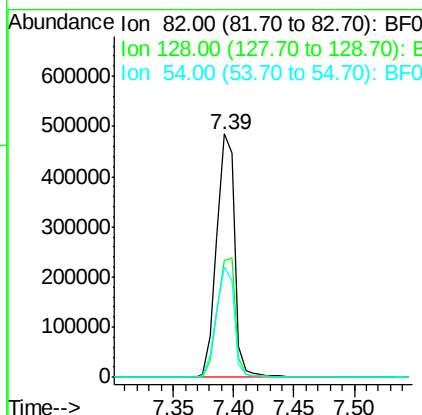
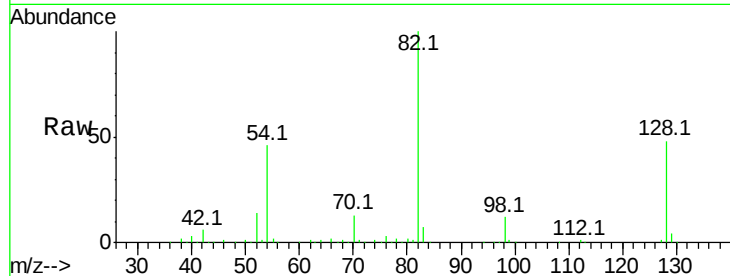




#23
 Nitrobenzene-d5
 Concen: 101.230 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF099657.D
 Acq: 19 Oct 2017 10:34

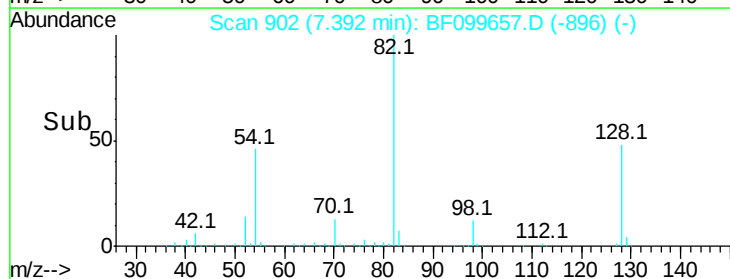
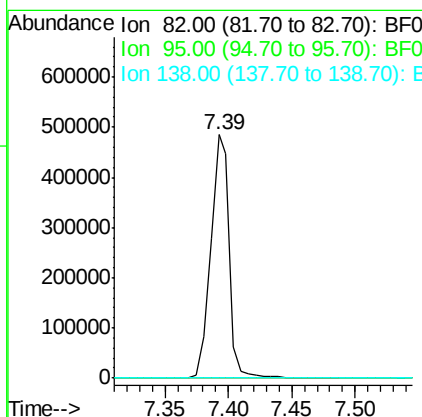
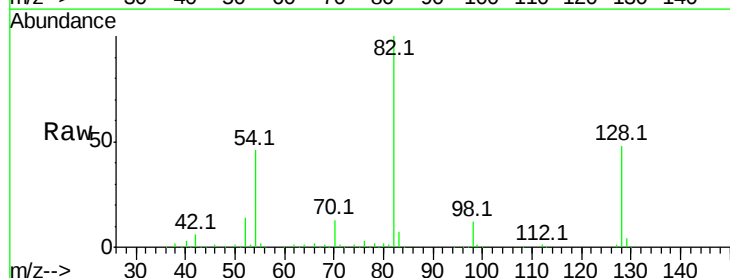
Instrument :
 BNA_F
 ClientSampleId :

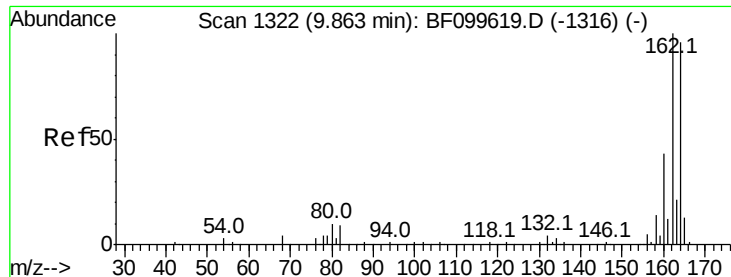
Tot Ion	82	Resp	497790
Ion Ratio	Lower	Upper	
82	100		
128	48.1	36.1	54.1
54	45.6	41.4	62.2



#25
 Isophorone
 Concen: 48.962 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.26 min
 Lab File: BF099657.D
 Acq: 19 Oct 2017 10:34

Tgt Ion	82	Resp	497783
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

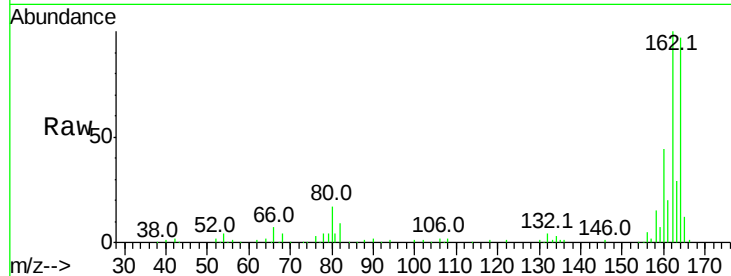




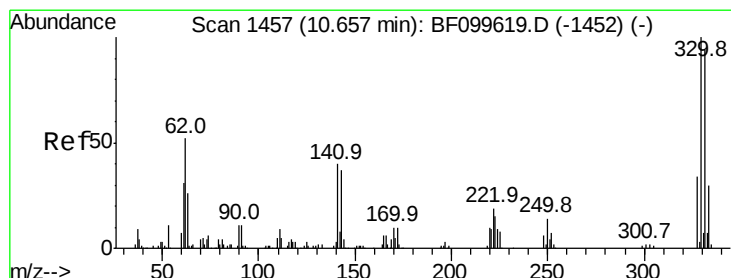
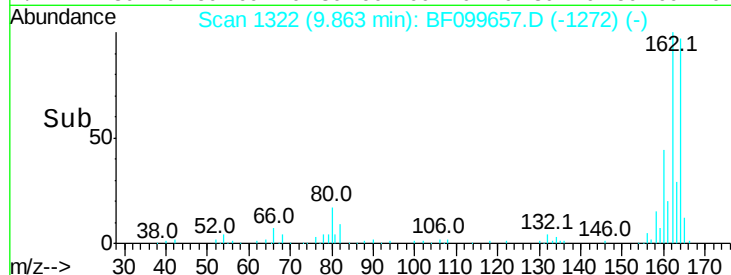
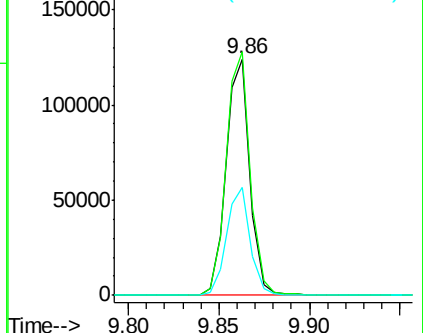
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099657.D
Acq: 19 Oct 2017 10:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 112494
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 45.7 38.3 57.5

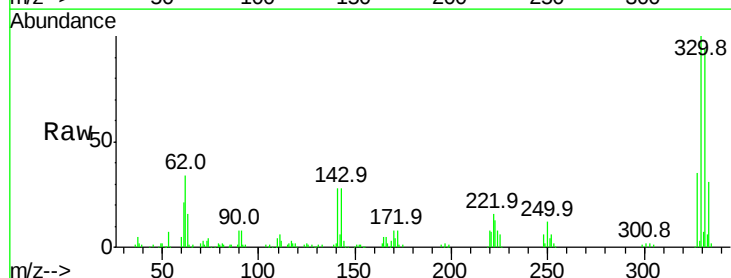


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

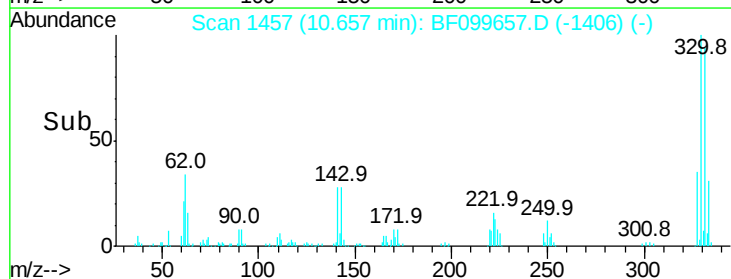
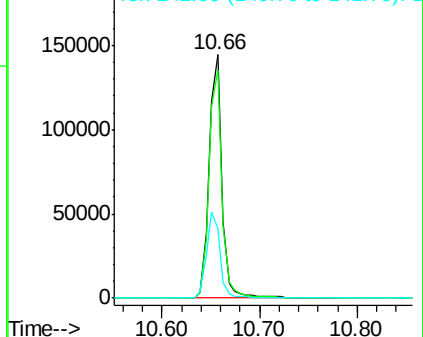


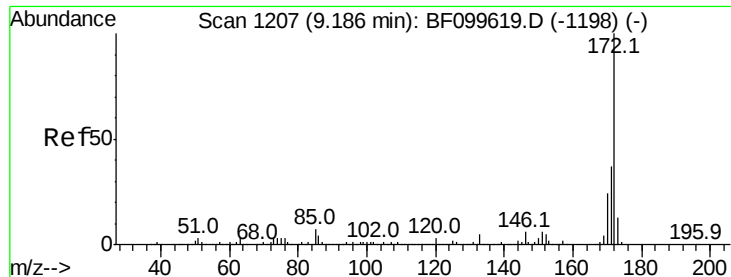
#41
2,4,6-Tribromophenol
Concen: 143.392 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF099657.D
Acq: 19 Oct 2017 10:34

Tgt Ion:330 Resp: 131993
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 36.9 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

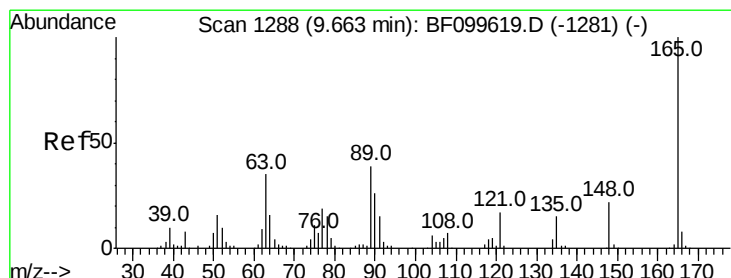
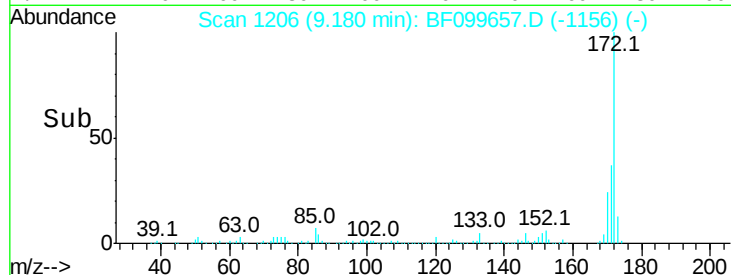
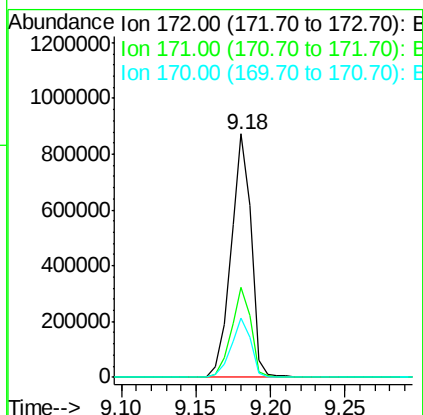
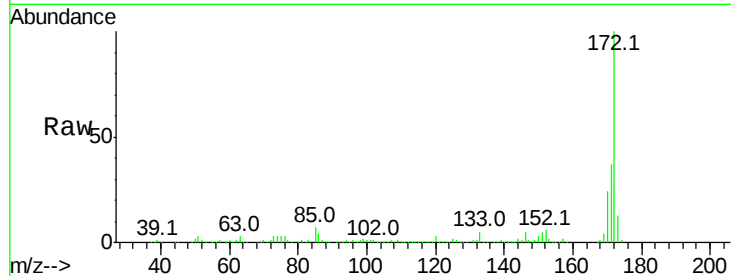




#44
 2-Fluorobiphenyl
 Concen: 123.879 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099657.D
 Acq: 19 Oct 2017 10:34

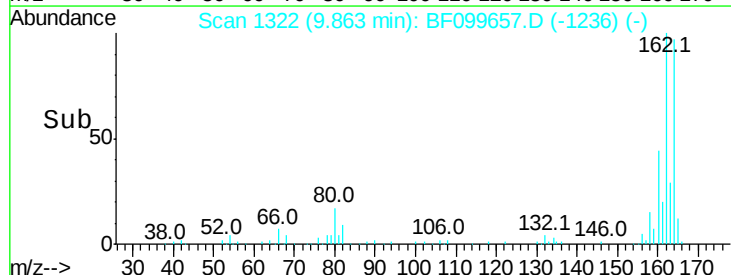
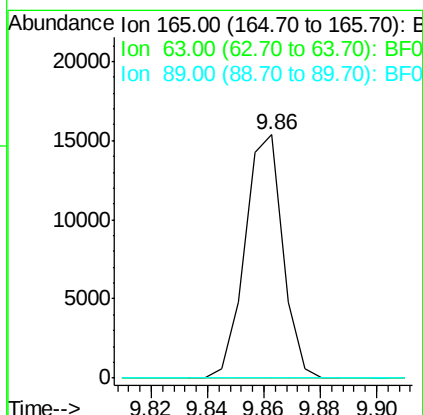
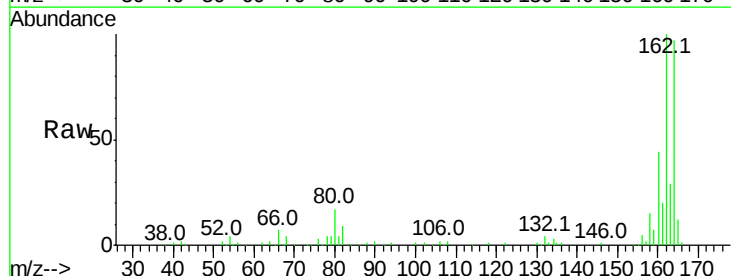
Instrument :
 BNA_F
 ClientSampled :

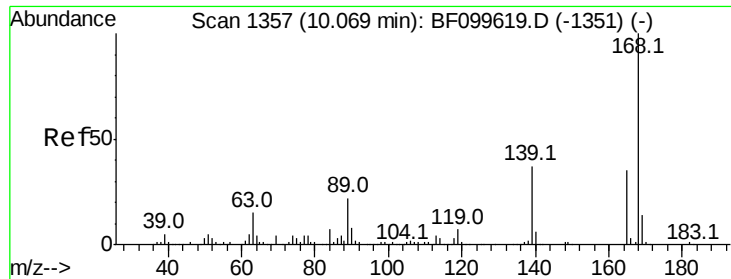
Tot Ion:172 Resp: 834761
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.3 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.720 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.21 min
 Lab File: BF099657.D
 Acq: 19 Oct 2017 10:34

Tgt Ion:165 Resp: 14269
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#





#56

2,4-Dinitrotoluene

Concen: 5.948 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.21 min

Lab File: BF099657.D

Acq: 19 Oct 2017 10:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 14269

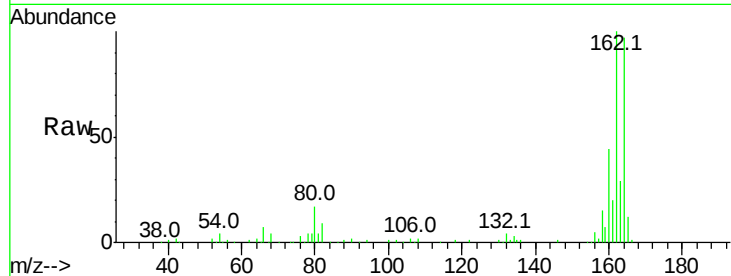
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

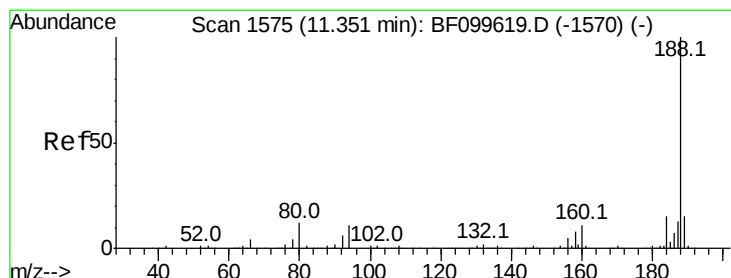
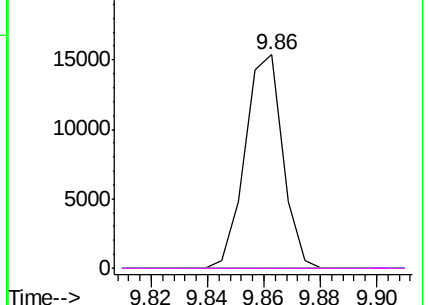
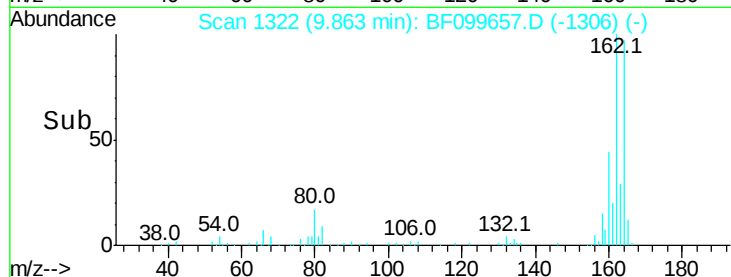


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF099657.D

Acq: 19 Oct 2017 10:34

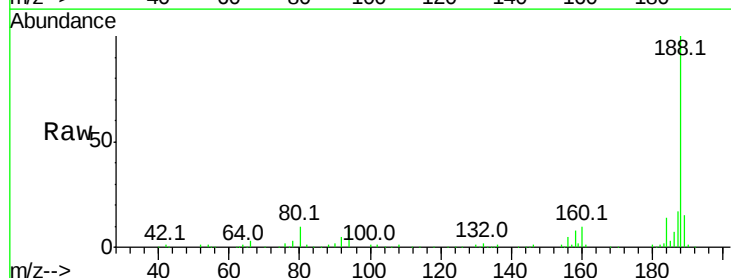
Tgt Ion:188 Resp: 179286

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

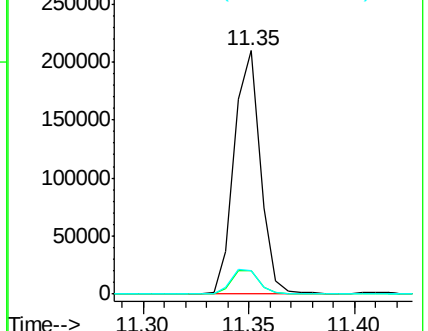
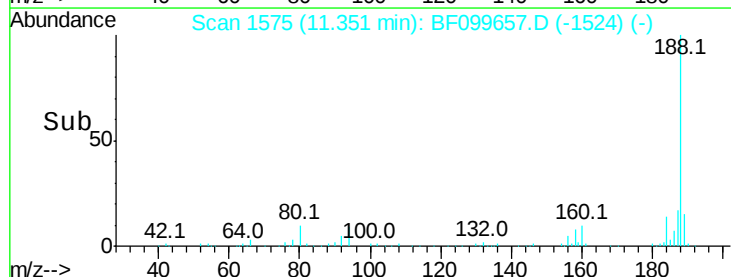
80 9.9 9.2 13.8

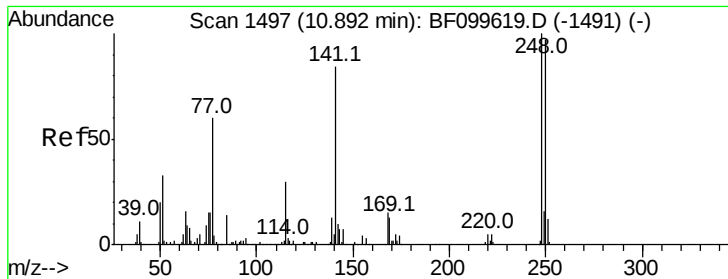


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

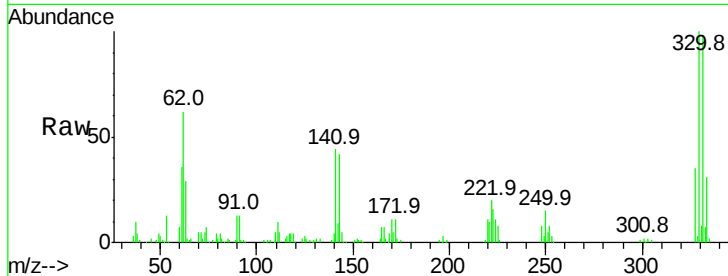




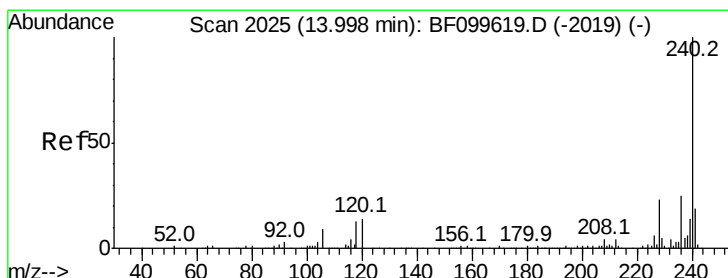
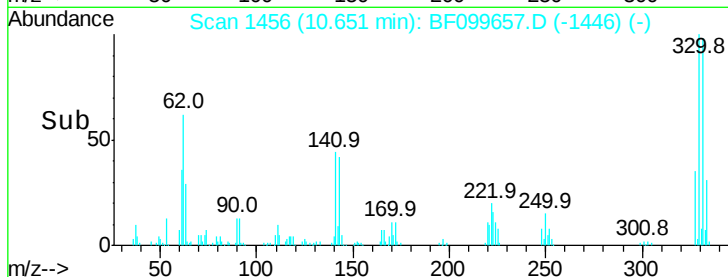
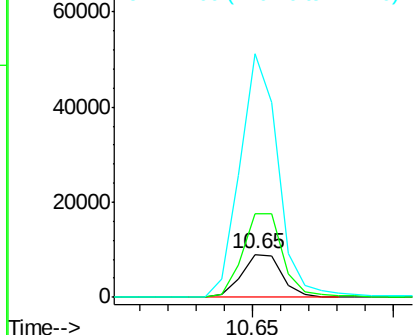
#66
4-Bromophenyl-phenylether
Concen: 5.052 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.24 min
Lab File: BF099657.D
Acq: 19 Oct 2017 10:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8865
Ion Ratio Lower Upper
248 100
250 195.5 76.9 115.3#
141 566.6 74.4 111.6#

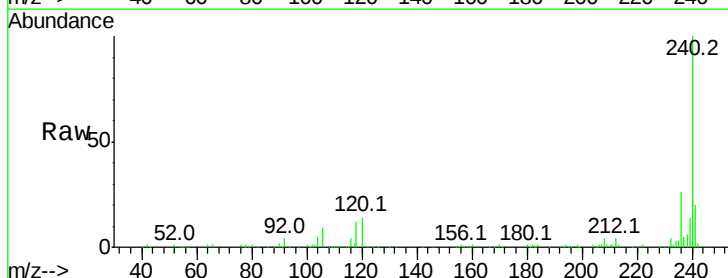


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

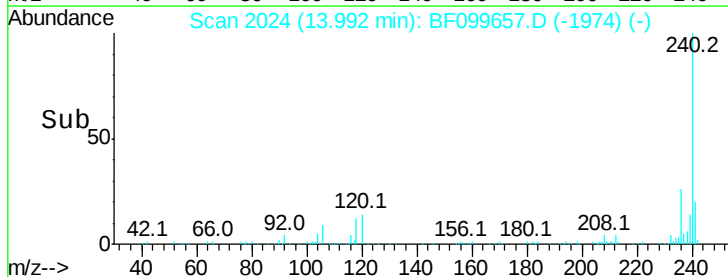
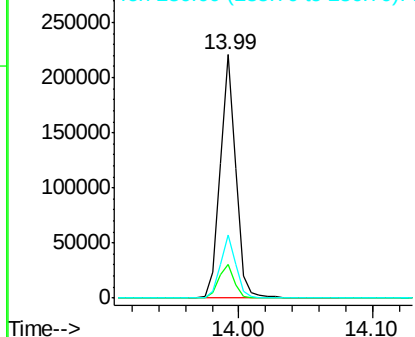


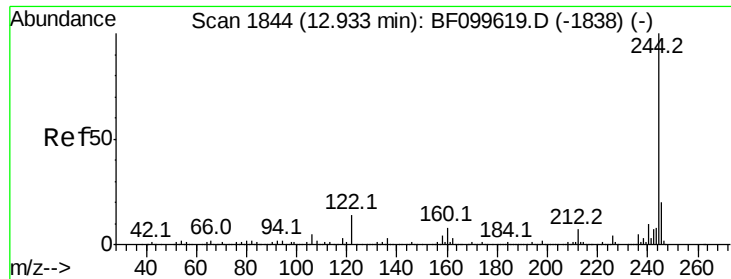
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099657.D
Acq: 19 Oct 2017 10:34

Tgt Ion:240 Resp: 182552
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 25.9 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: 84.483 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099657.D

Acq: 19 Oct 2017 10:34

Instrument :

BNA_F

ClientSampled :

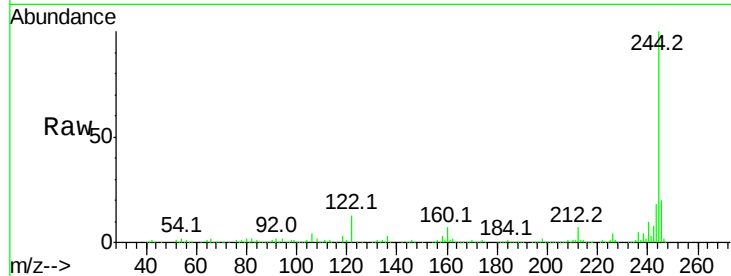
Tot Ion:244 Resp: 678148

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

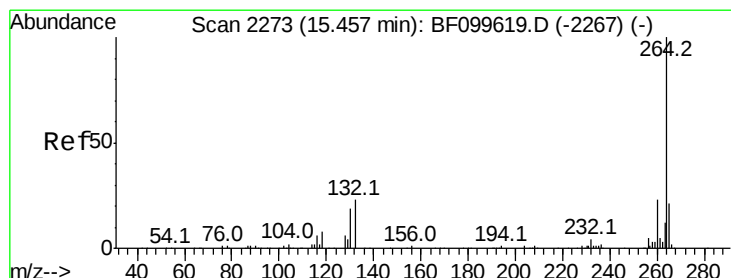
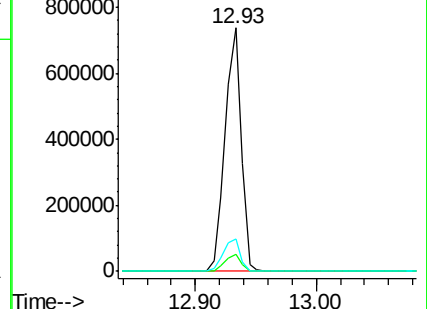
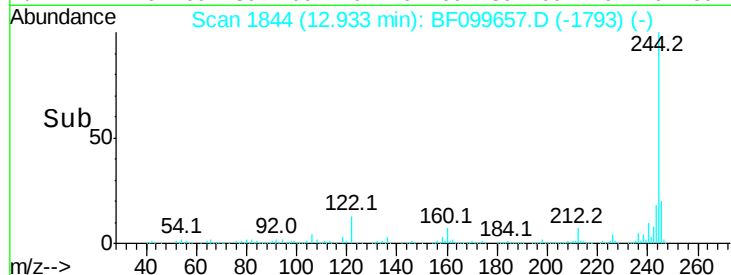
122 13.1 11.0 16.4



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: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF099657.D

Acq: 19 Oct 2017 10:34

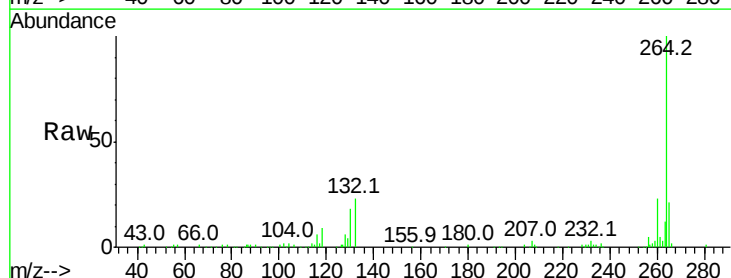
Tgt Ion:264 Resp: 143752

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 20.5 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

