

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099553.D
 Acq On : 16 Oct 2017 19:31
 Operator : SJ/JU
 Sample : PB103252BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 23:28:46 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

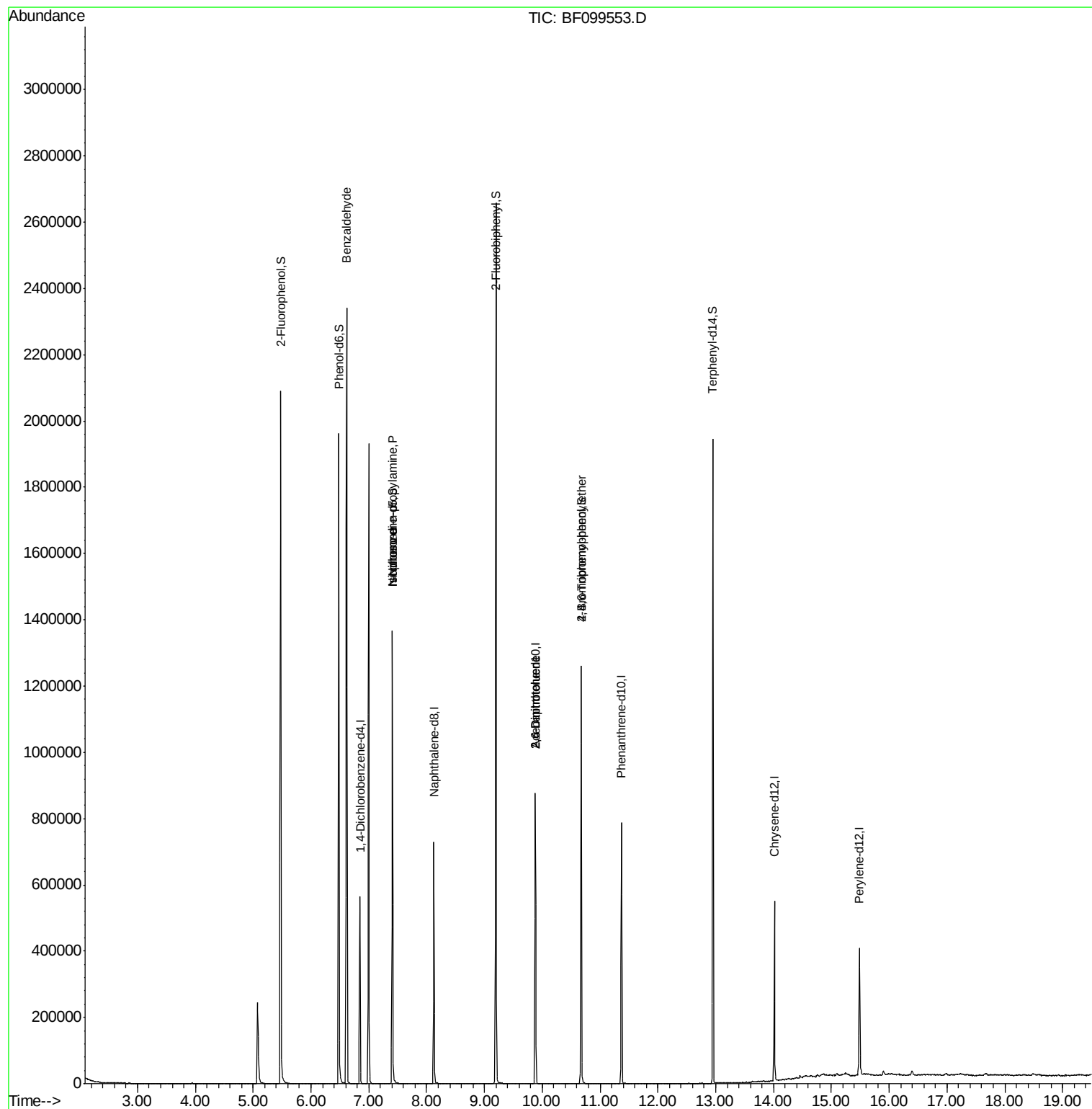
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	92338	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	380913	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	170397	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	271647	20.00	ng	0.00
75) Chrysene-d12	14.02	240	173249	20.00	ng	0.00
86) Perylene-d12	15.49	264	172723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	652180	112.44	ng	0.00
7) Phenol-d6	6.48	99	765396	106.97	ng	0.00
23) Nitrobenzene-d5	7.41	82	458182	77.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	142814	102.43	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	895600	87.74	ng	-0.01
78) Terphenyl-d14	12.95	244	632525	83.03	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	12512	3.01	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.41	70	57443	12.57	ng	# 72
25) Isophorone	7.41	82	458177	37.31	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	21253	7.59	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	21253	5.85	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	9746	3.67	ng	# 1

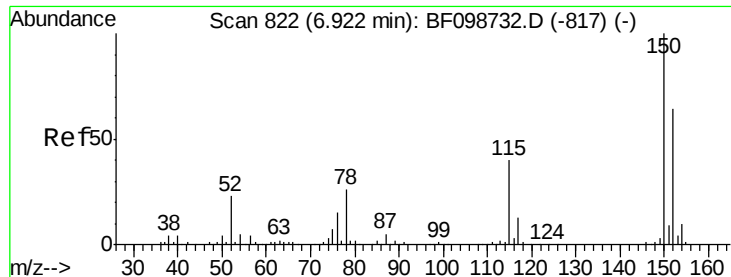
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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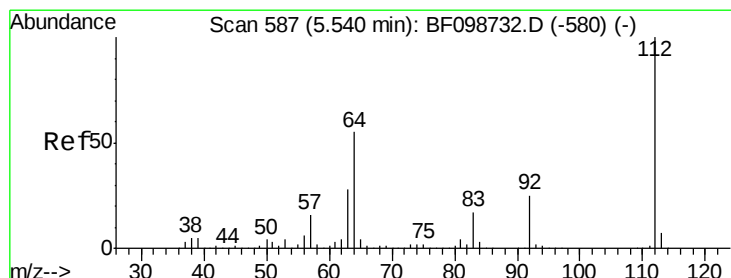
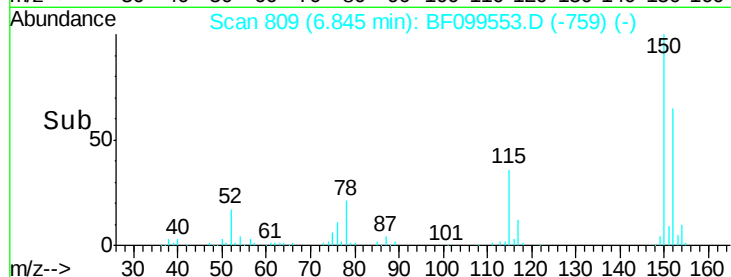
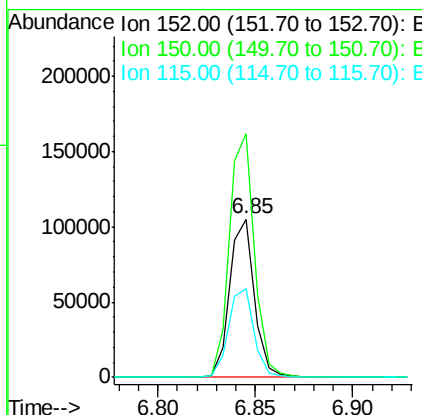
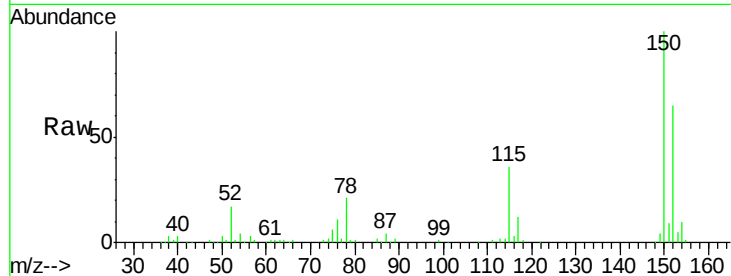


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099553.D
Acq: 16 Oct 2017 19:31

Instrument :
BNA_F
ClientSampleId :

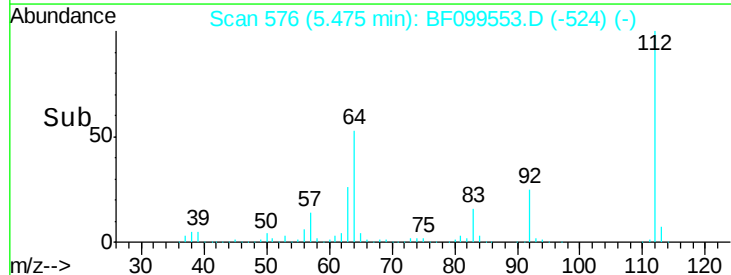
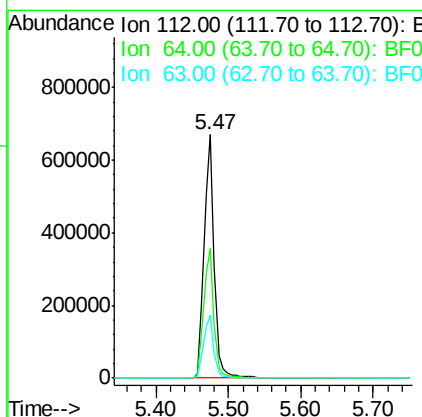
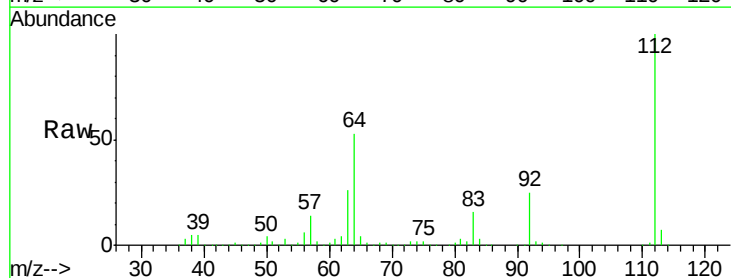
Tot Ion:152 Resp: 92338
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 55.7 50.1 75.1



#5

2-Fluorophenol
Concen: 112.44 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099553.D
Acq: 16 Oct 2017 19:31

Tgt Ion:112 Resp: 652180
Ion Ratio Lower Upper
112 100
64 53.1 47.9 71.9
63 25.7 23.7 35.5





#7

Phenol-d6

Concen: 106.97 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099553.D

Acq: 16 Oct 2017 19:31

Instrument :

BNA_F

ClientSampled :

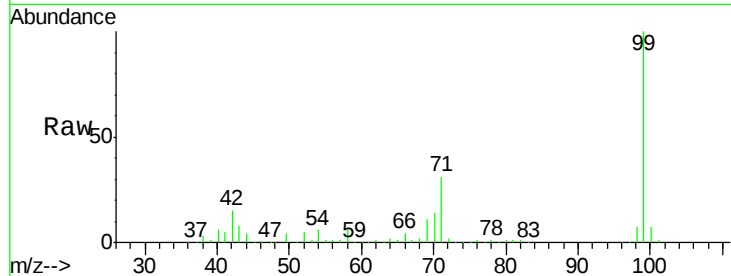
Tot Ion: 99 Resp: 765396

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

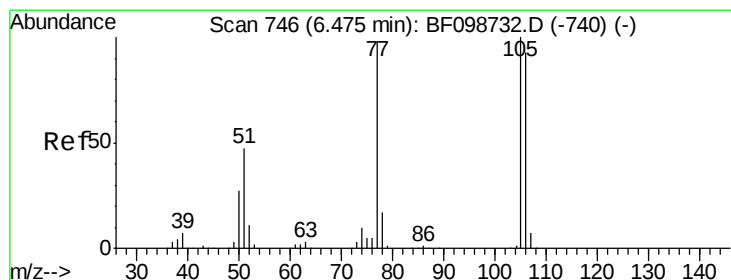
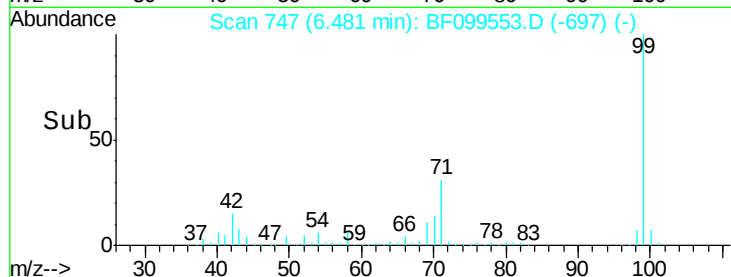
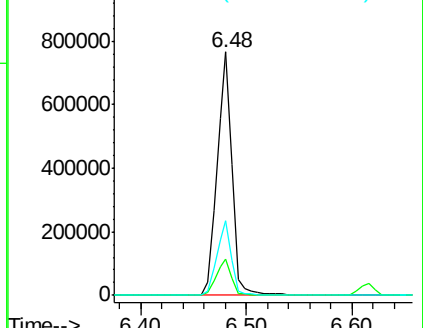
71 30.6 25.4 38.0



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: 3.01 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099553.D

Acq: 16 Oct 2017 19:31

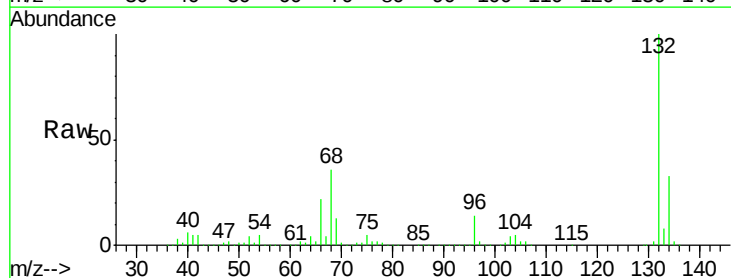
Tgt Ion: 77 Resp: 12512

Ion Ratio Lower Upper

77 100

105 87.6 81.1 121.1

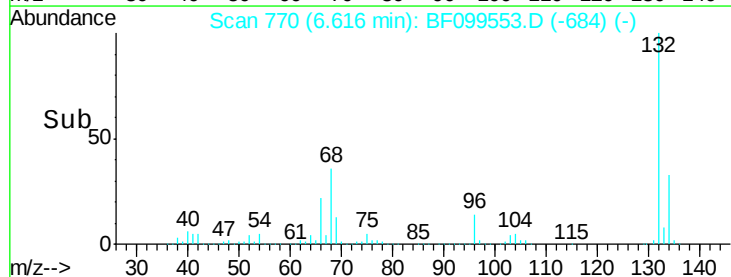
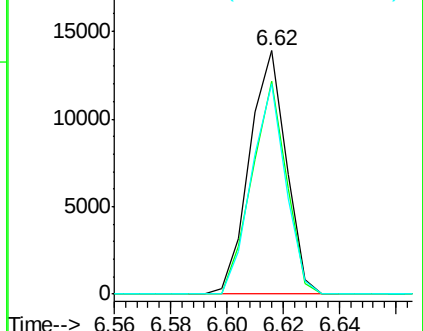
106 86.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

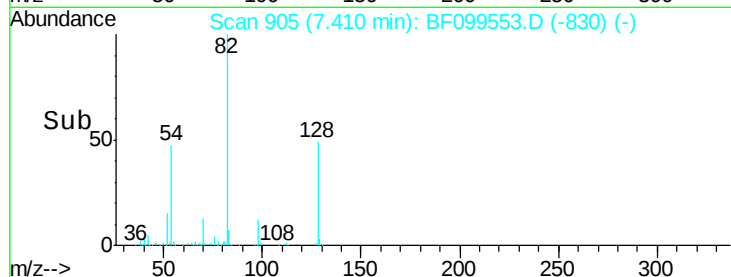
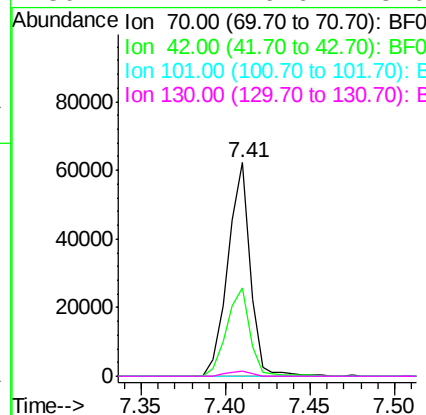
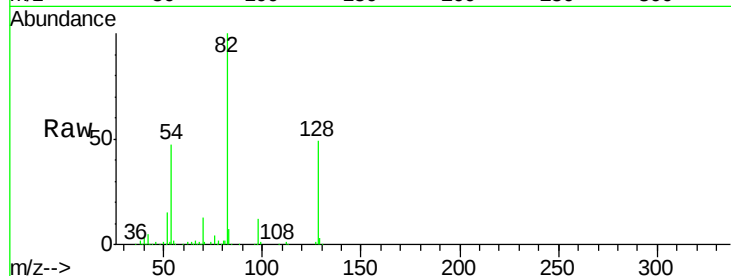




#19
n-Nitroso-di-n-propylamine
Concen: 12.57 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF099553.D
Acq: 16 Oct 2017 19:31

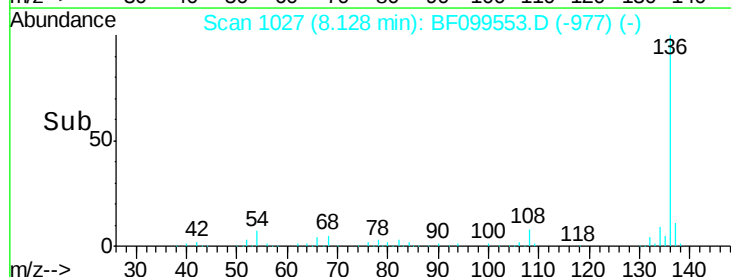
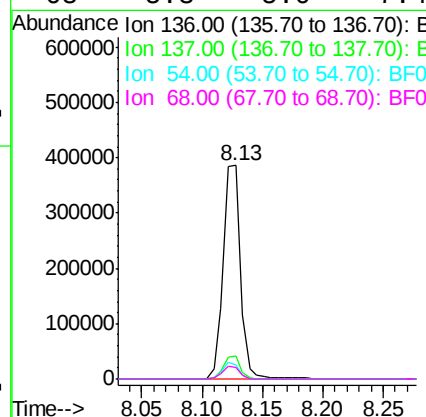
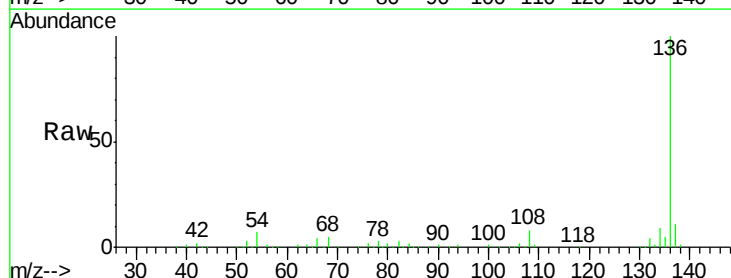
Instrument :
BNA_F
ClientSampled :

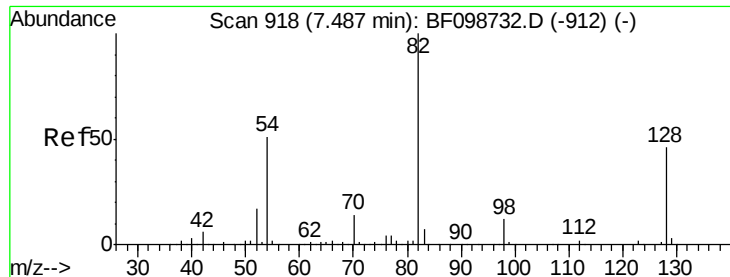
Tot Ion: 70 Resp: 57443
Ion Ratio Lower Upper
70 100
42 41.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099553.D
Acq: 16 Oct 2017 19:31

Tgt Ion: 136 Resp: 380913
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.5 6.6 9.8#
68 5.3 5.0 7.4

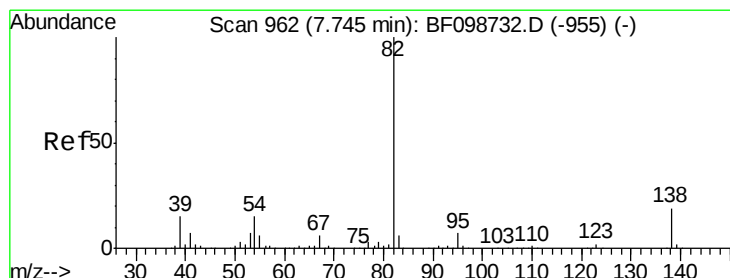
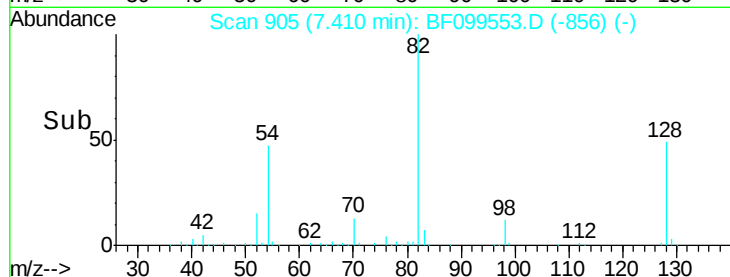
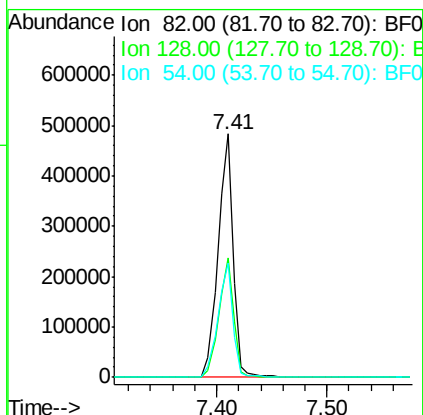
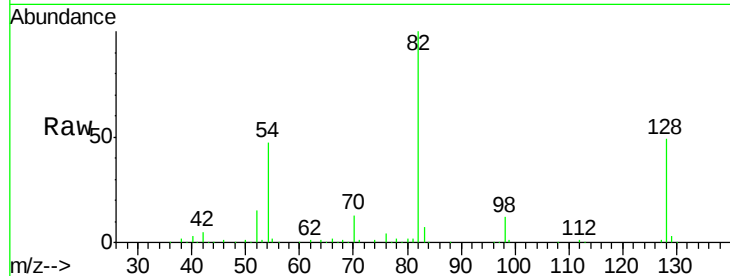




#23
Nitrobenzene-d5
Concen: 77.14 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099553.D
Acq: 16 Oct 2017 19:31

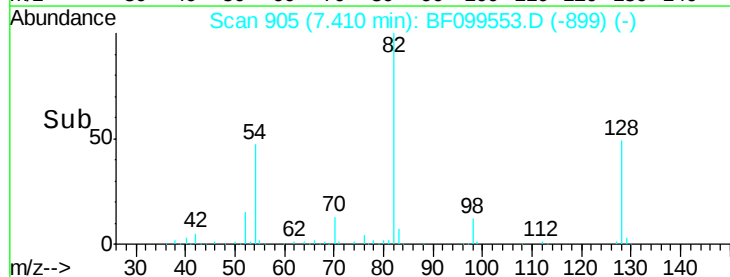
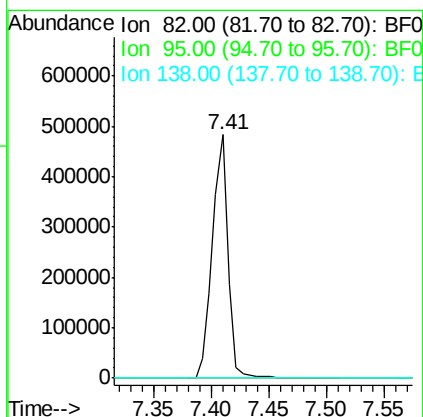
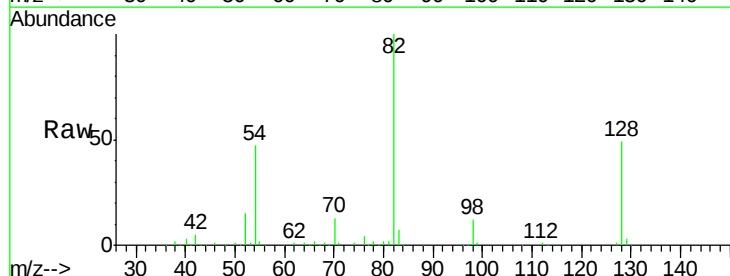
Instrument :
BNA_F
ClientSampleId :

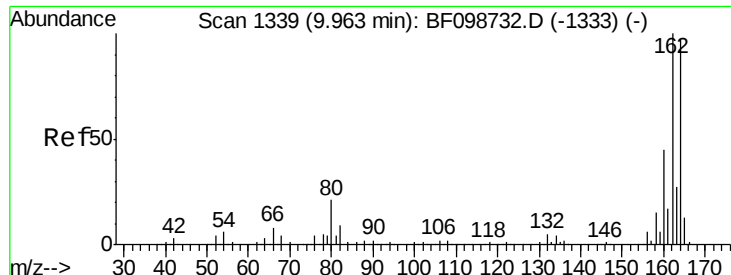
Tot Ion: 82 Resp: 458182
Ion Ratio Lower Upper
82 100
128 49.2 36.1 54.1
54 46.7 41.4 62.2



#25
Isophorone
Concen: 37.31 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF099553.D
Acq: 16 Oct 2017 19:31

Tgt Ion: 82 Resp: 458177
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099553.D

Acq: 16 Oct 2017 19:31

Instrument :

BNA_F

ClientSampleId :

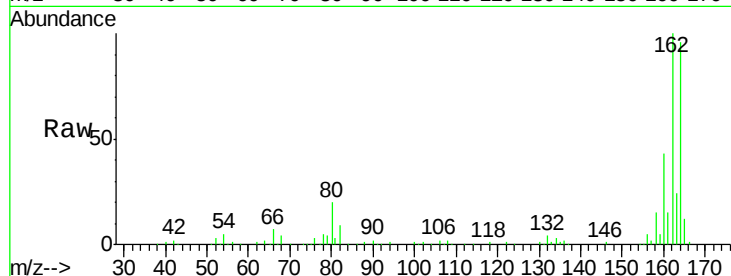
Tot Ion:164 Resp: 170397

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

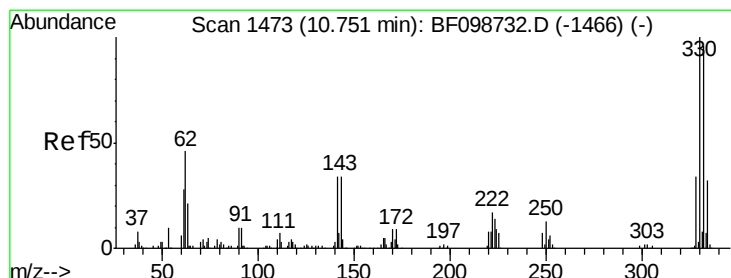
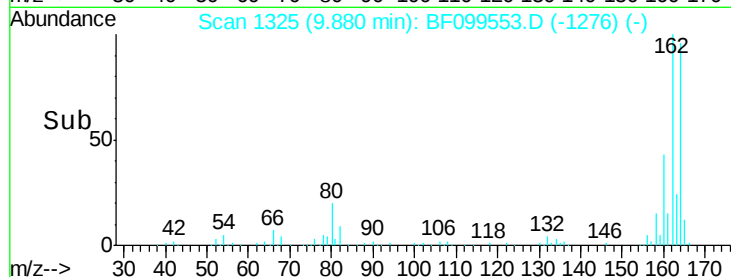
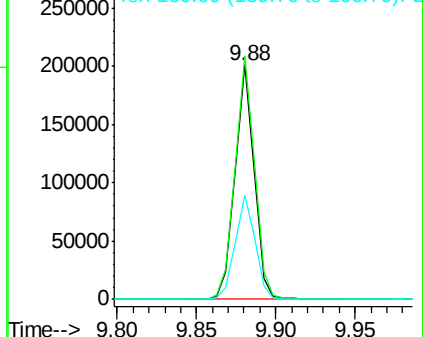
160 44.5 38.3 57.5



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: 102.43 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF099553.D

Acq: 16 Oct 2017 19:31

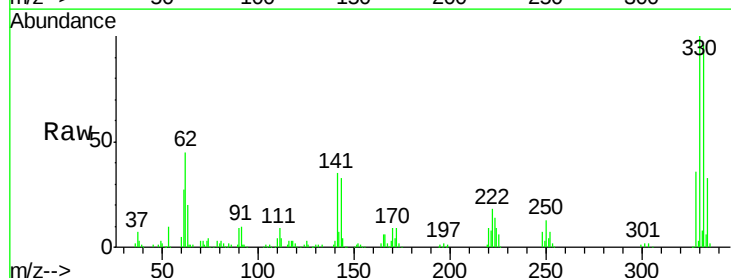
Tgt Ion:330 Resp: 142814

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

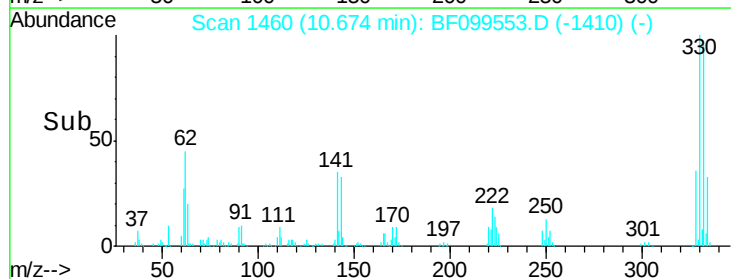
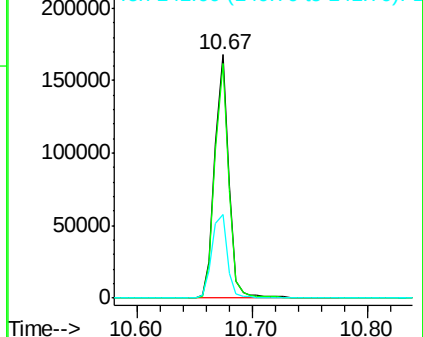
141 38.3 29.9 44.9



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

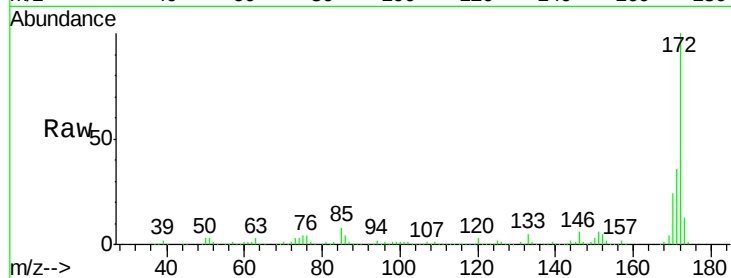




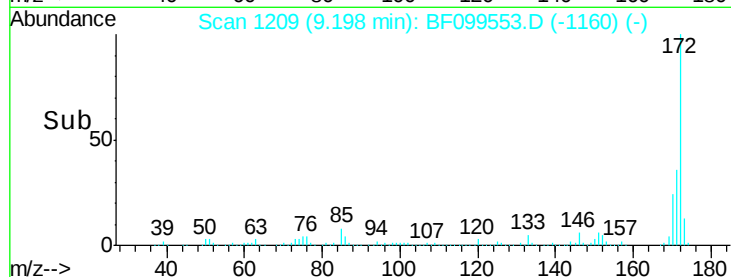
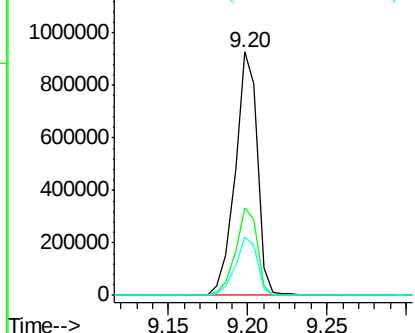
#44
 2-Fluorobiphenyl
 Concen: 87.74 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099553.D
 Acq: 16 Oct 2017 19:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 895600
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.6 19.6 29.4

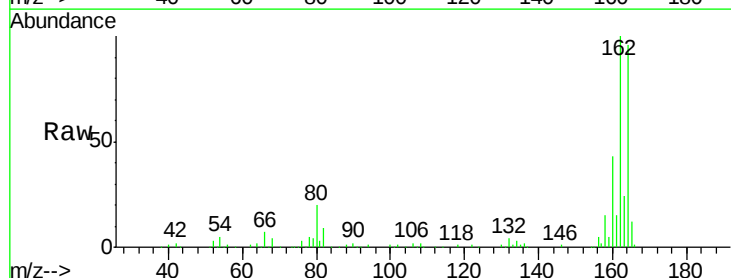


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

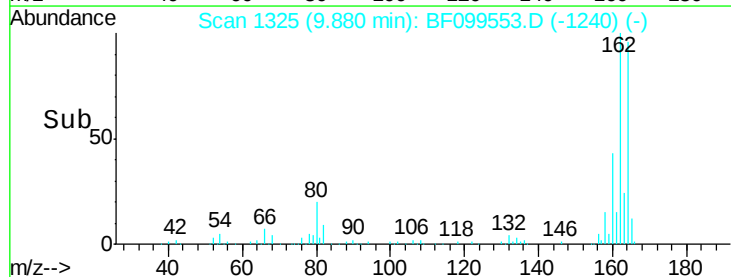
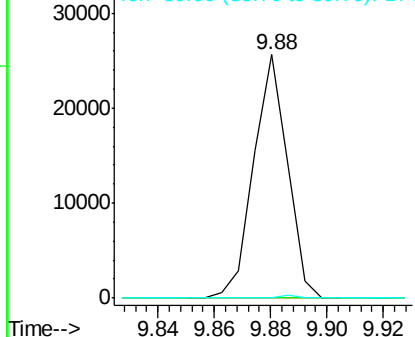


#50
 2,6-Dinitrotoluene
 Concen: 7.59 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.20 min
 Lab File: BF099553.D
 Acq: 16 Oct 2017 19:31

Tgt Ion:165 Resp: 21253
 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

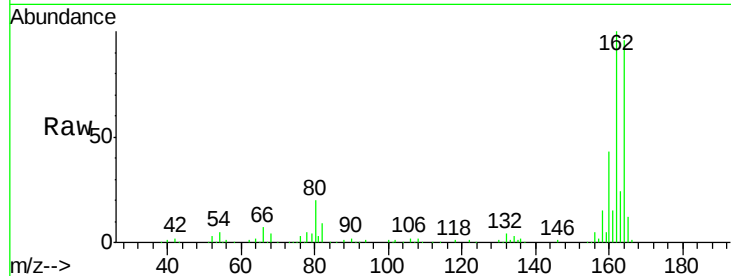




#56
 2,4-Dinitrotoluene
 Concen: 5.85 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.21 min
 Lab File: BF099553.D
 Acq: 16 Oct 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	21253
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#

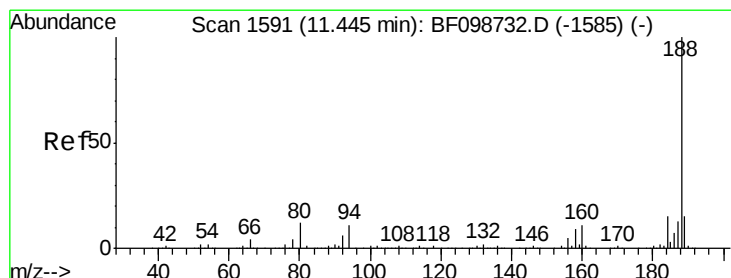
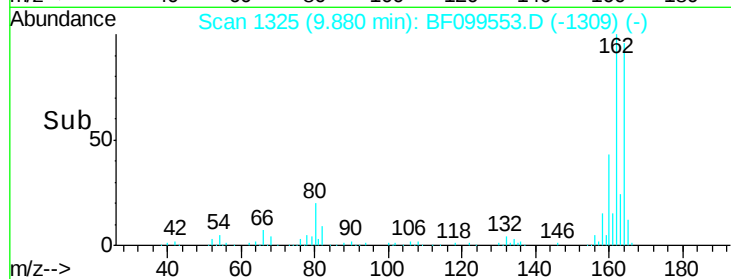
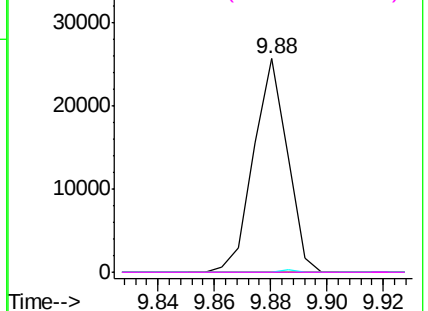


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

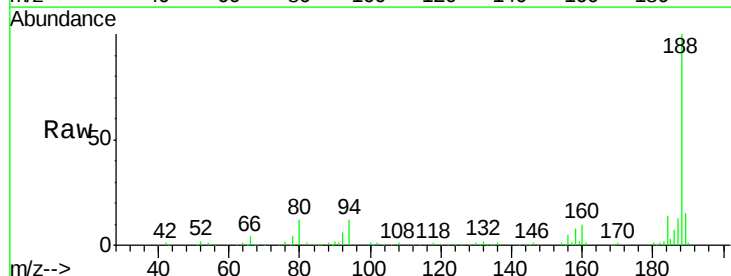
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099553.D
 Acq: 16 Oct 2017 19:31

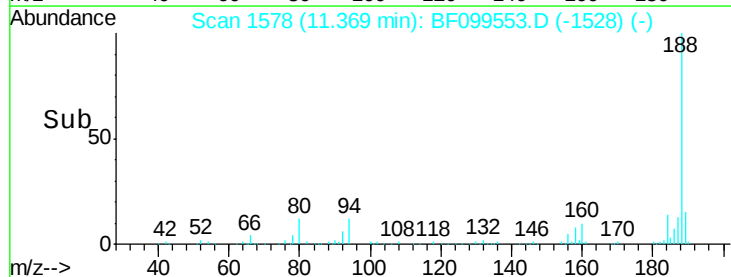
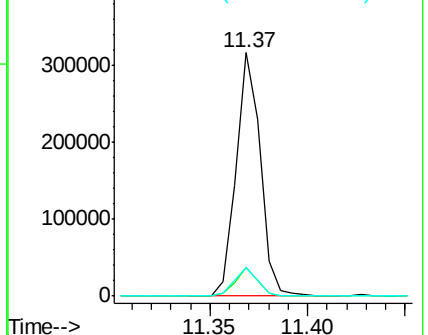
Tgt Ion:188	Resp:	271647
Ion Ratio	Lower	Upper
188	100	
94	11.5	8.5 12.7
80	11.9	9.2 13.8



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

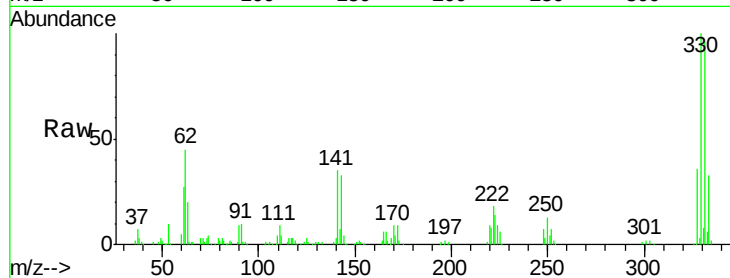




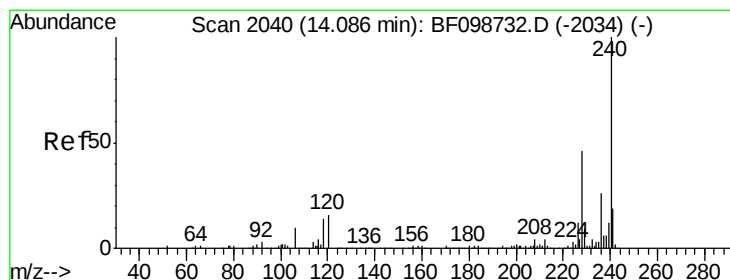
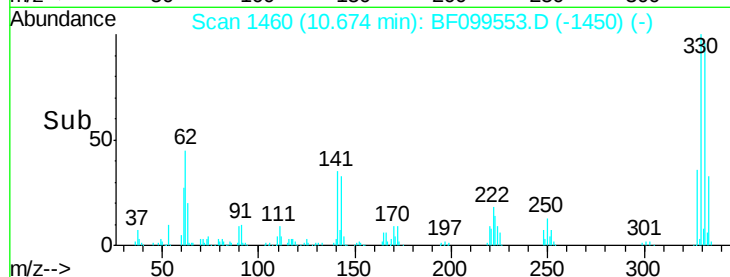
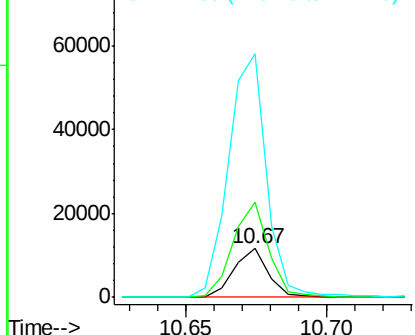
#66
4-Bromophenyl-phenylether
Concen: 3.67 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099553.D
Acq: 16 Oct 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9746
Ion Ratio Lower Upper
248 100
250 196.0 76.9 115.3#
141 502.4 74.4 111.6#

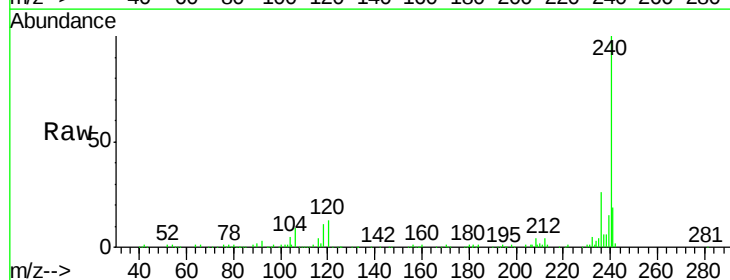


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

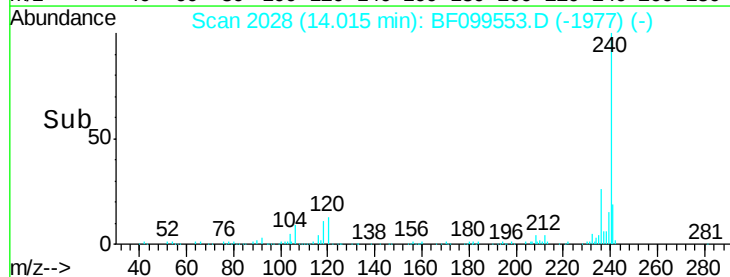
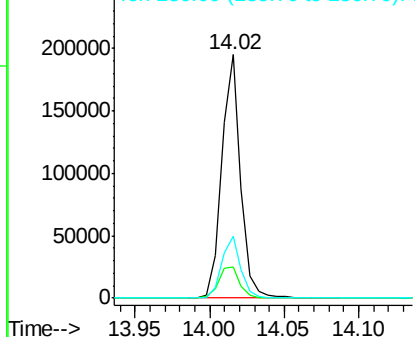


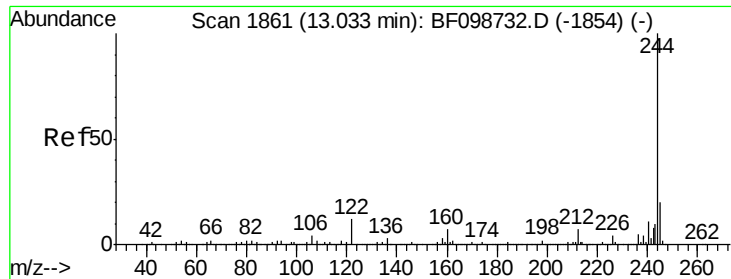
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099553.D
Acq: 16 Oct 2017 19:31

Tgt Ion:240 Resp: 173249
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.5 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

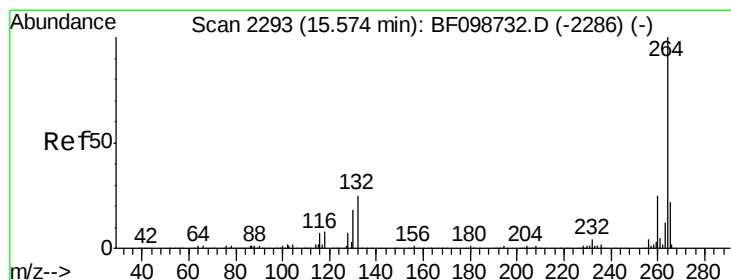
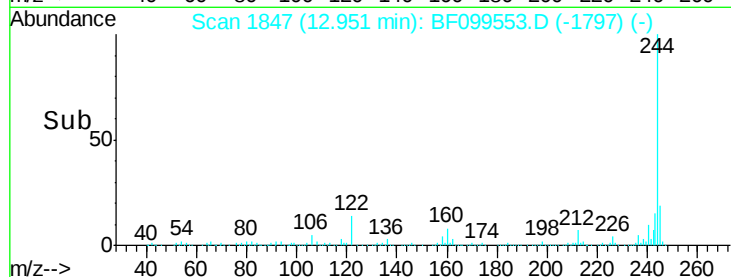
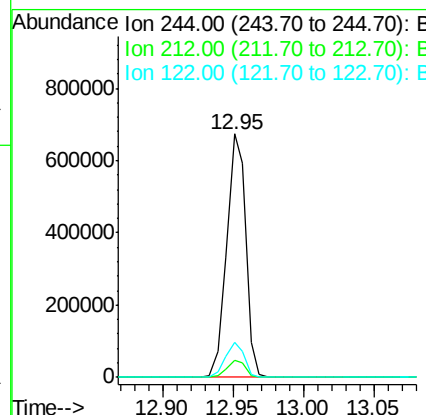
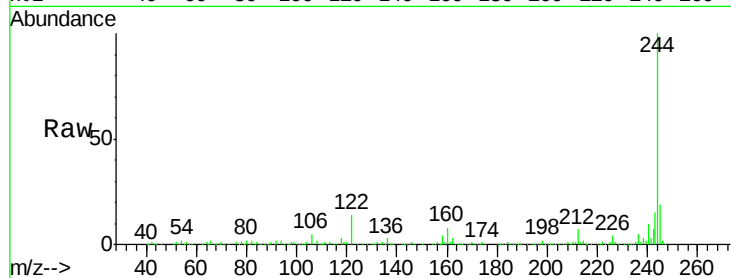




#78
 Terphenyl-d14
 Concen: 83.03 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099553.D
 Acq: 16 Oct 2017 19:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 632525
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099553.D
 Acq: 16 Oct 2017 19:31

Tgt Ion:264 Resp: 172723
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.8 17.5 26.3

