

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099380.D
 Acq On : 12 Oct 2017 8:39
 Operator : SJ/JU
 Sample : PB103152BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 16:36:27 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

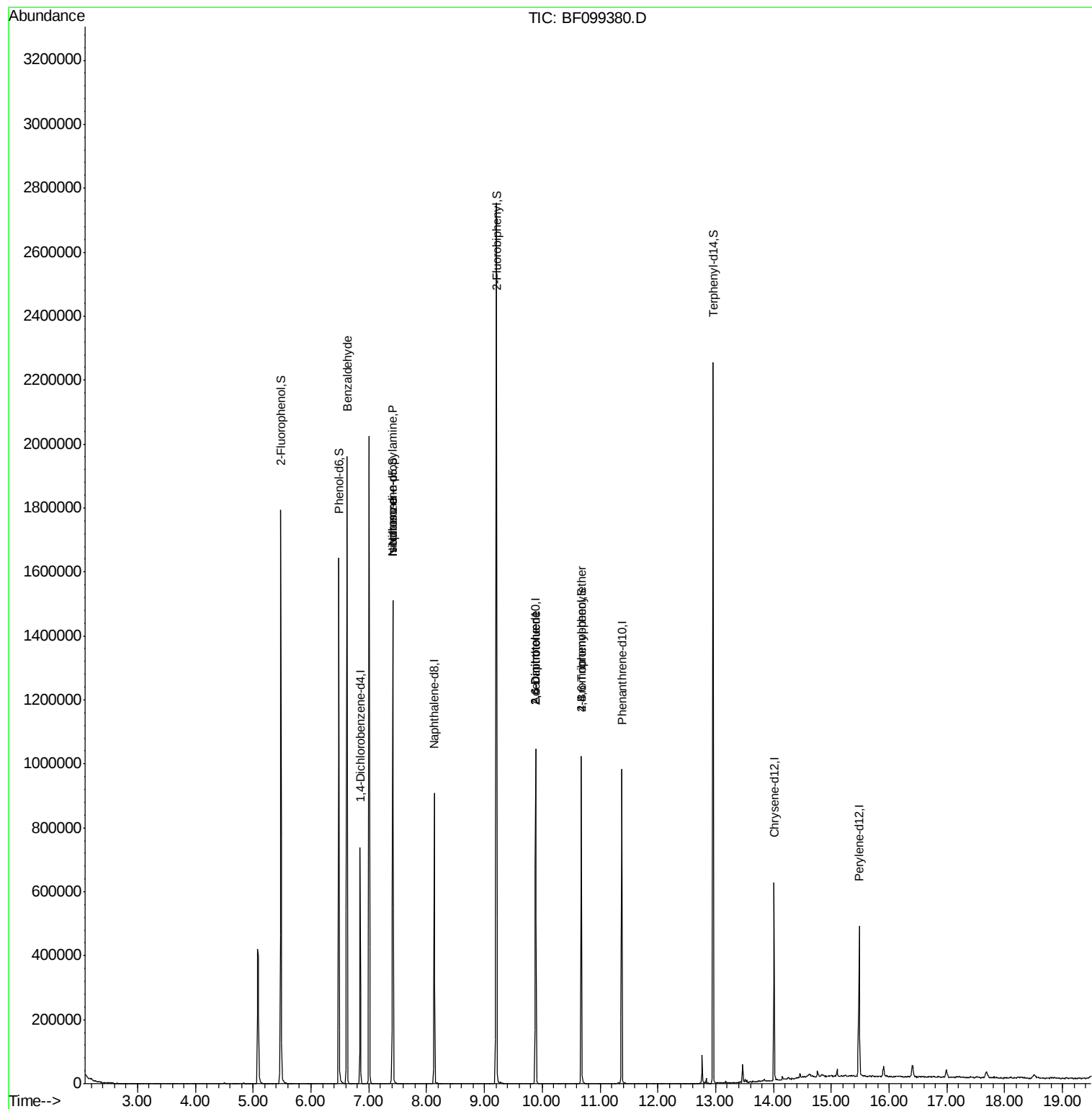
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	105703	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	439564	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	198085	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	334205	20.00	ng	0.00
75) Chrysene-d12	14.01	240	187401	20.00	ng	0.00
86) Perylene-d12	15.48	264	196852	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	521452	78.53	ng	0.01
7) Phenol-d6	6.48	99	624225	76.21	ng	0.00
23) Nitrobenzene-d5	7.42	82	536358	78.25	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	109148	67.34	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1001284	84.39	ng	0.00
78) Terphenyl-d14	12.96	244	769154	93.34	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	10742	2.261	ng	85
19) n-Nitroso-di-n-propylamine	7.42	70	69065	13.206	ng	# 73
25) Isophorone	7.42	82	536350	37.848	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	25201	7.743	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	25201	5.966	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	7237	2.212	ng	# 1

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

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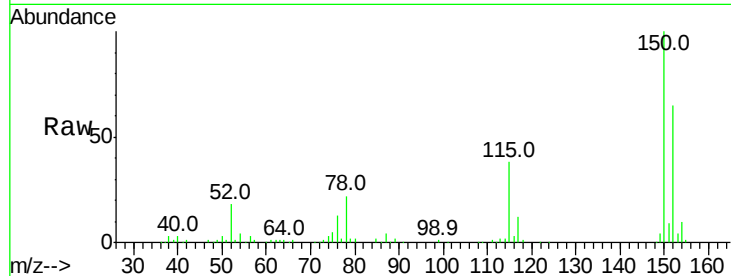


#1

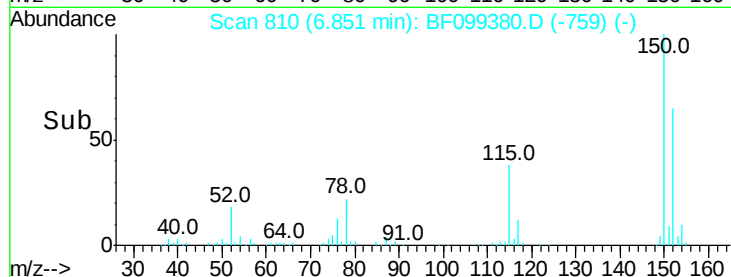
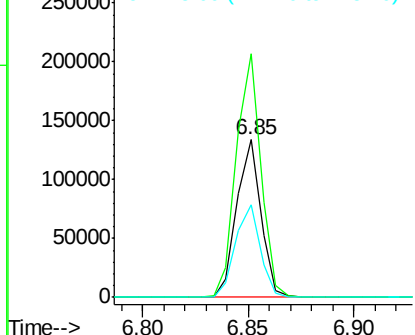
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099380.D
Acq: 12 Oct 2017 8:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105703
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 58.7 50.1 75.1



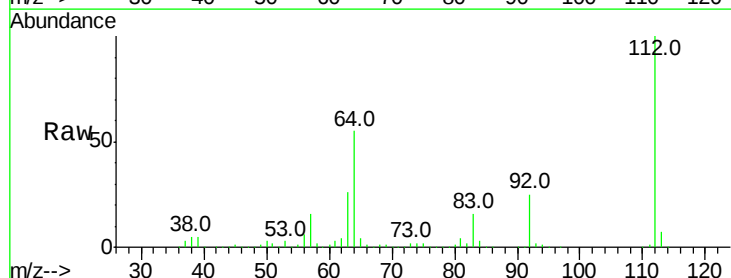
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



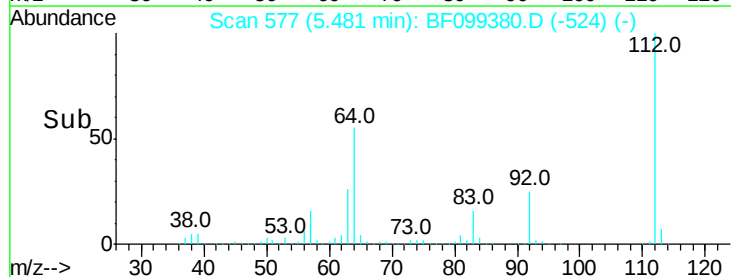
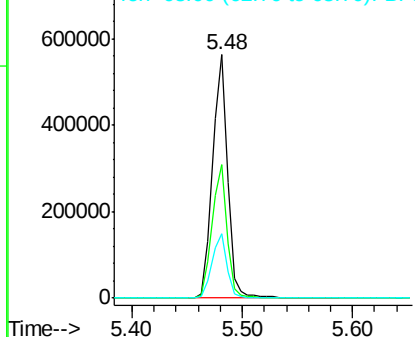
#5

2-Fluorophenol
Concen: 78.531 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099380.D
Acq: 12 Oct 2017 8:39

Tgt Ion:112 Resp: 521452
Ion Ratio Lower Upper
112 100
64 54.8 47.9 71.9
63 26.4 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: 76.206 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099380.D

Acq: 12 Oct 2017 8:39

Instrument :

BNA_F

ClientSampleId :

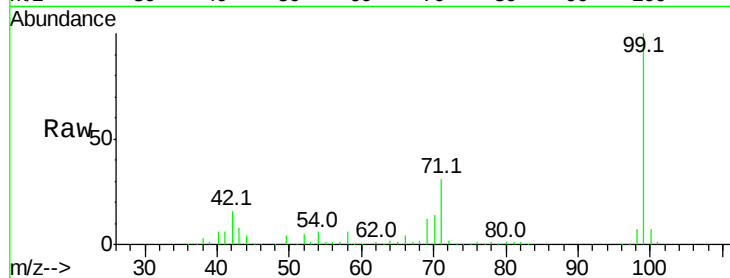
Tot Ion: 99 Resp: 624225

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

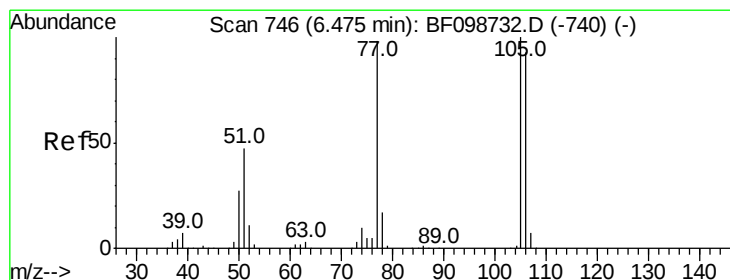
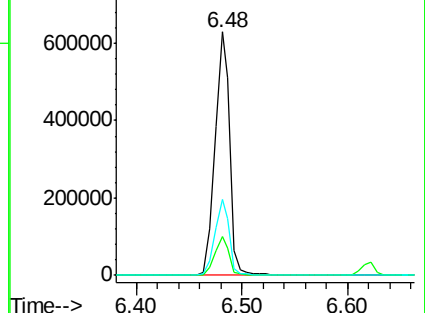
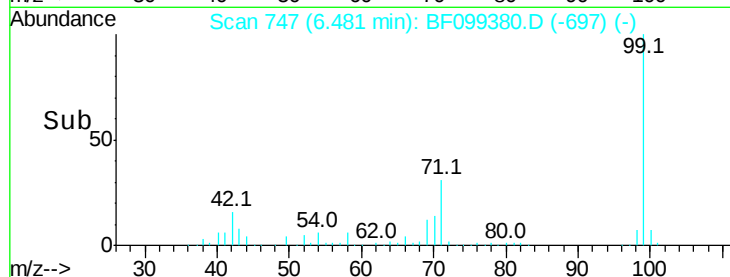
71 31.2 25.4 38.0



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: 2.261 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099380.D

Acq: 12 Oct 2017 8:39

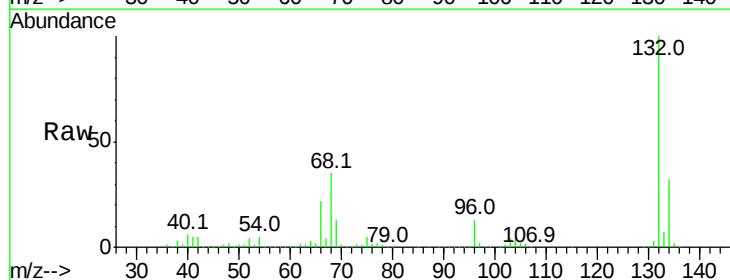
Tgt Ion: 77 Resp: 10742

Ion Ratio Lower Upper

77 100

105 83.7 81.1 121.1

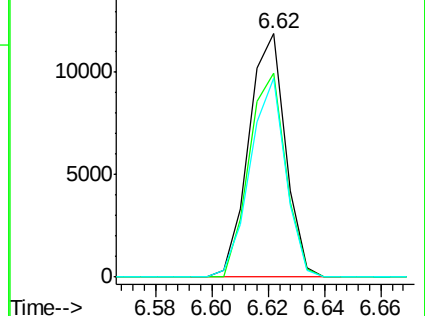
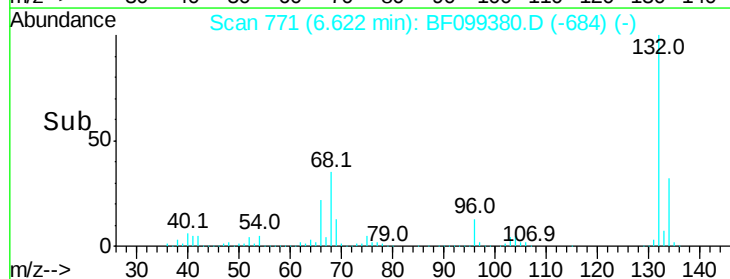
106 81.4 74.5 114.5

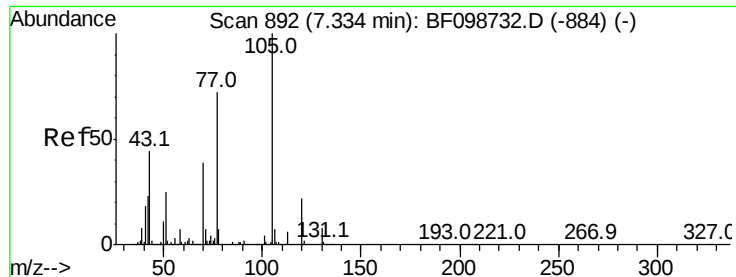


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

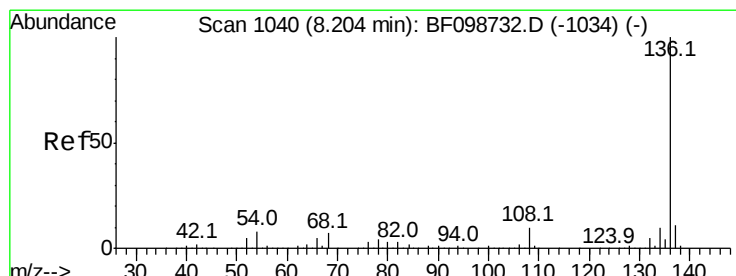
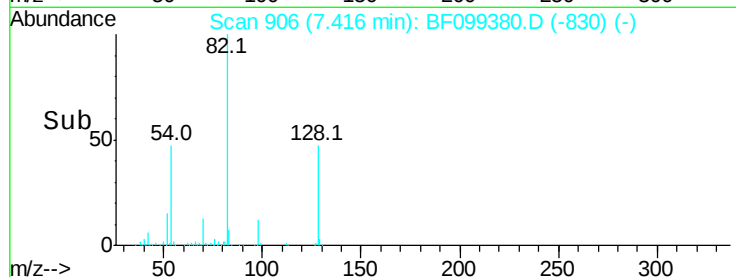
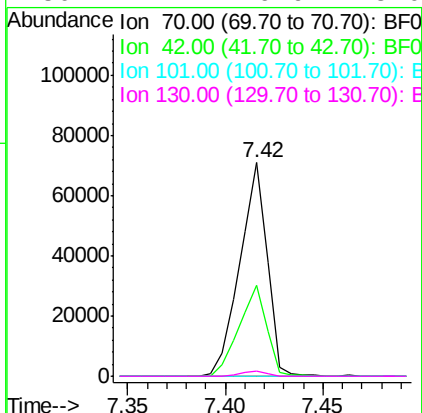
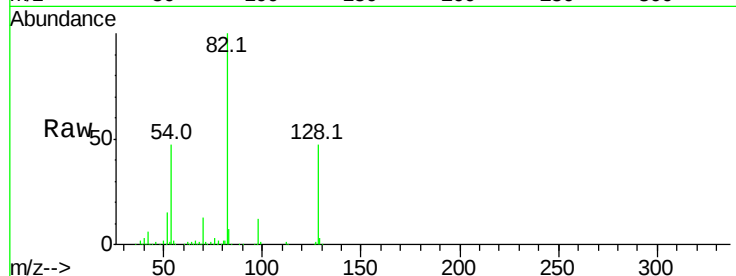




#19
n-Nitroso-di-n-propylamine
Concen: 13.206 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099380.D
Acq: 12 Oct 2017 8:39

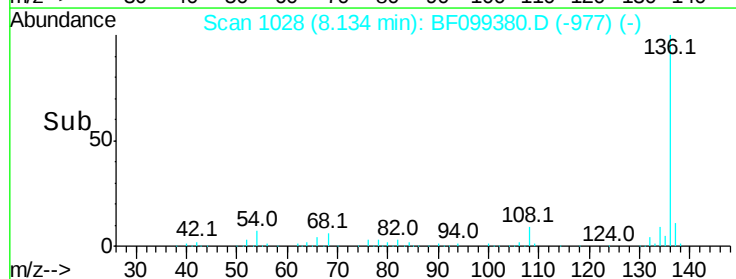
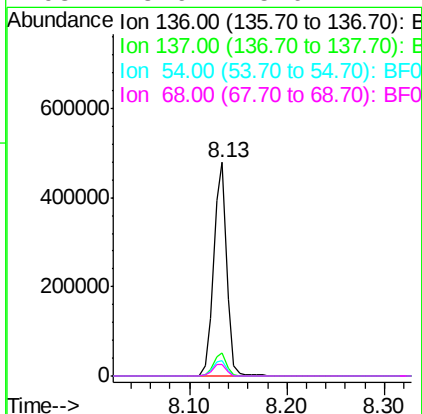
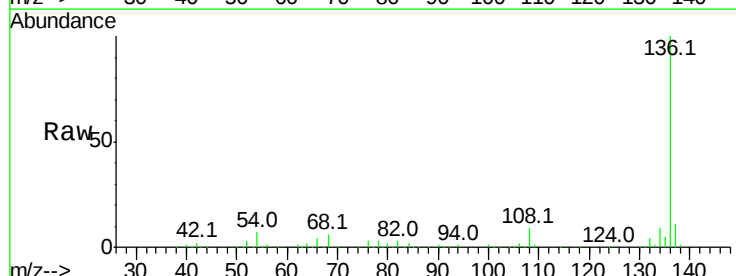
Instrument :
BNA_F
ClientSampleId :

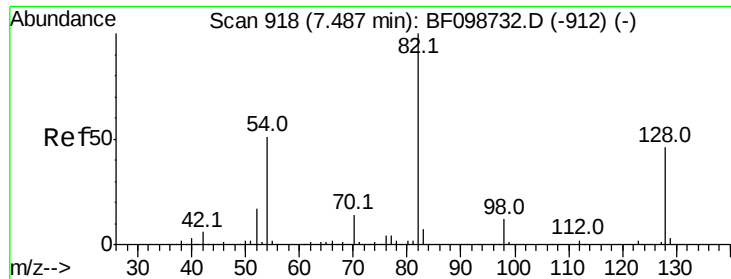
Tot Ion: 70 Resp: 69065
Ion Ratio Lower Upper
70 100
42 42.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099380.D
Acq: 12 Oct 2017 8:39

Tgt Ion: 136 Resp: 439564
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.0 6.6 9.8
68 5.6 5.0 7.4

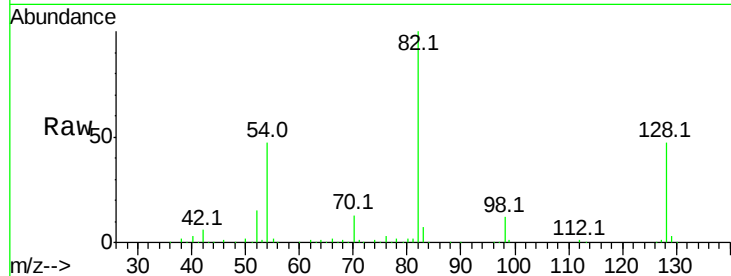




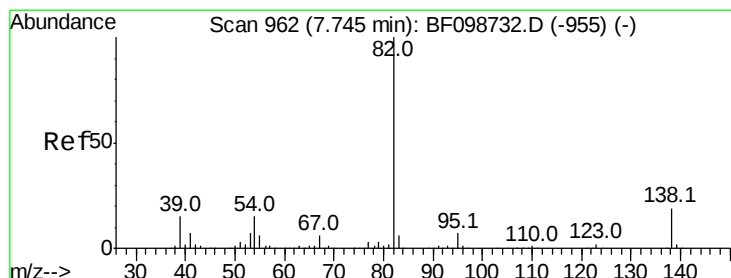
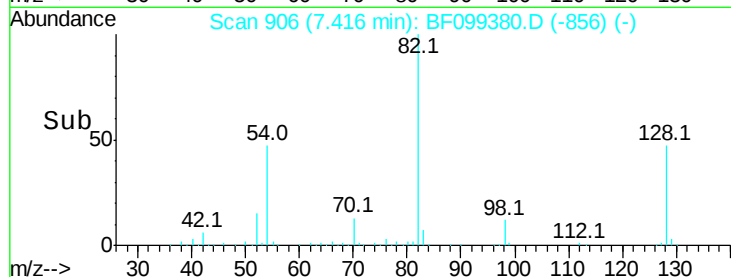
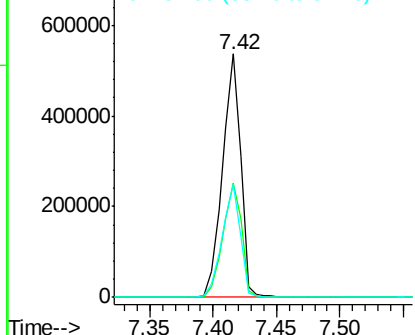
#23
Nitrobenzene-d5
Concen: 78.252 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099380.D
Acq: 12 Oct 2017 8:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	46.7	41.4	62.2

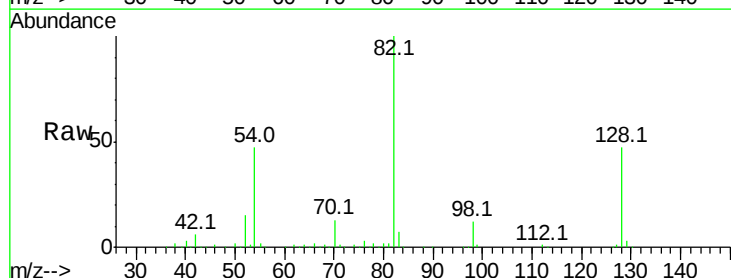


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

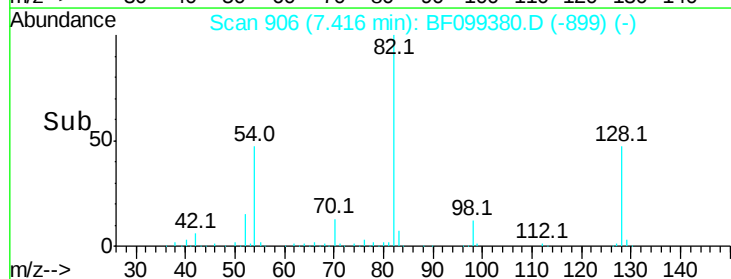
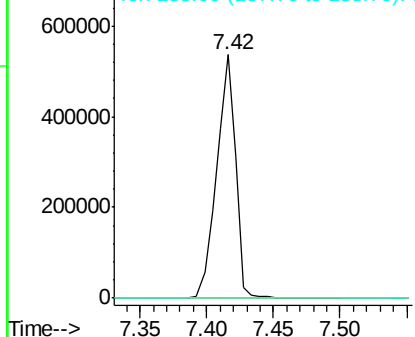


#25
Isophorone
Concen: 37.848 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF099380.D
Acq: 12 Oct 2017 8:39

Tgt 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

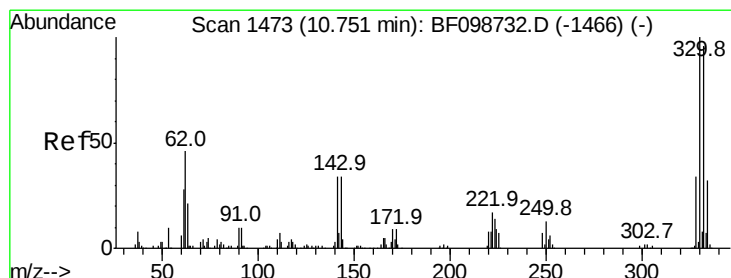
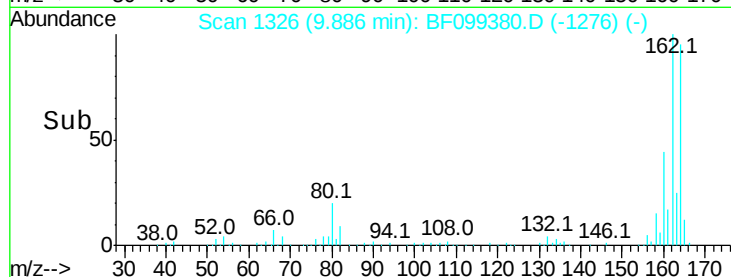
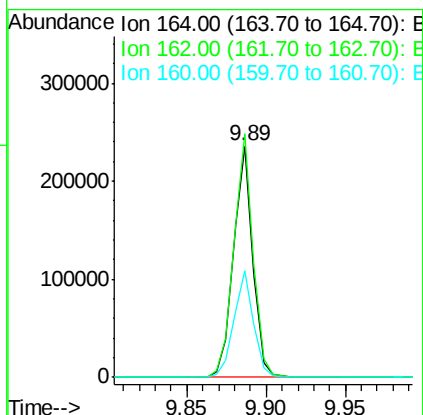
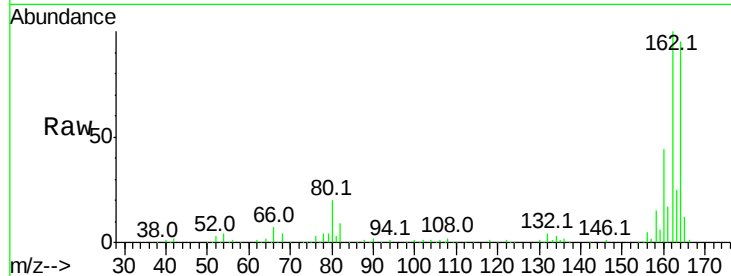




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099380.D
Acq: 12 Oct 2017 8:39

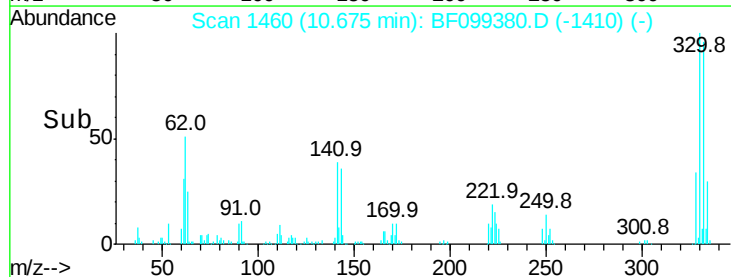
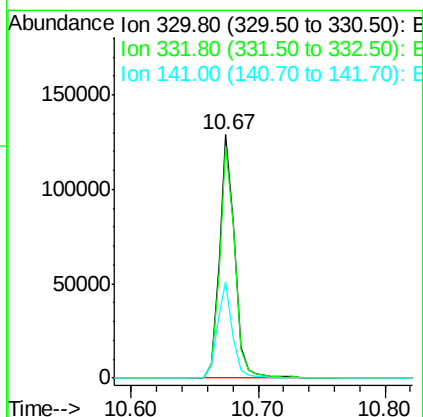
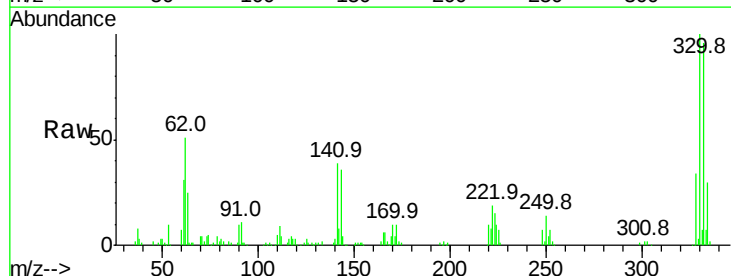
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 198085
Ion Ratio Lower Upper
164 100
162 105.5 86.1 129.1
160 46.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 67.339 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099380.D
Acq: 12 Oct 2017 8:39

Tgt Ion:330 Resp: 109148
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 39.3 29.9 44.9



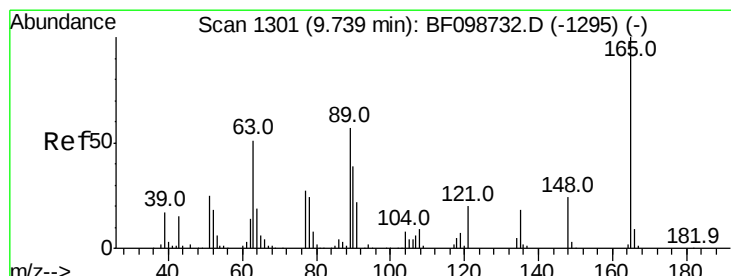
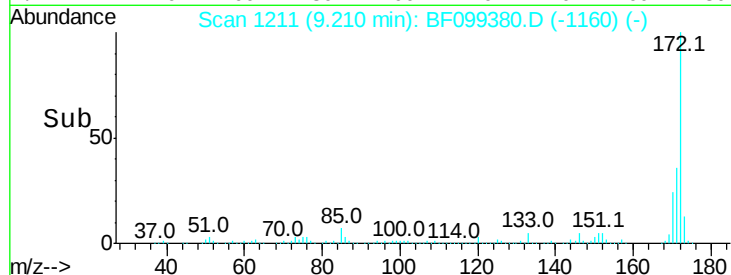
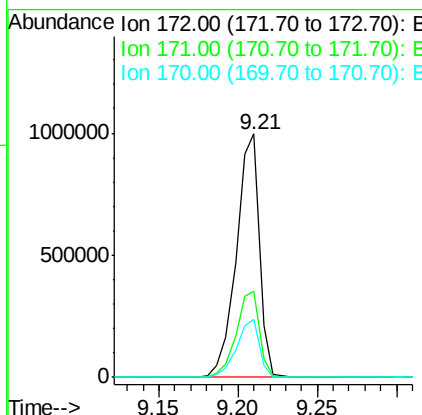
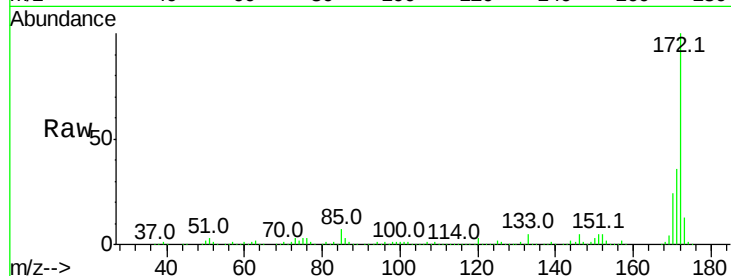


#44
 2-Fluorobiphenyl
 Concen: 84.386 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099380.D
 Acq: 12 Oct 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1001284

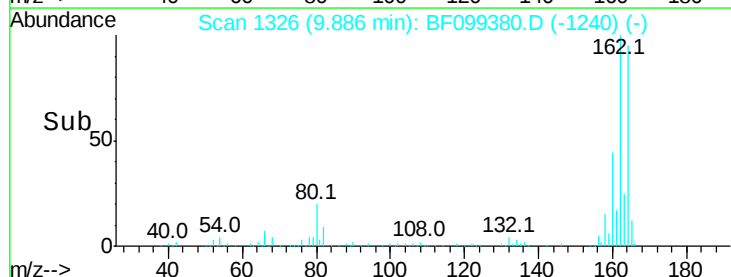
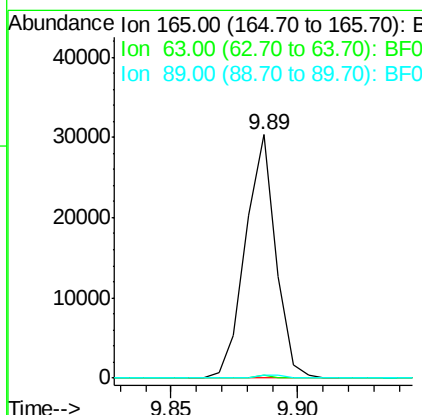
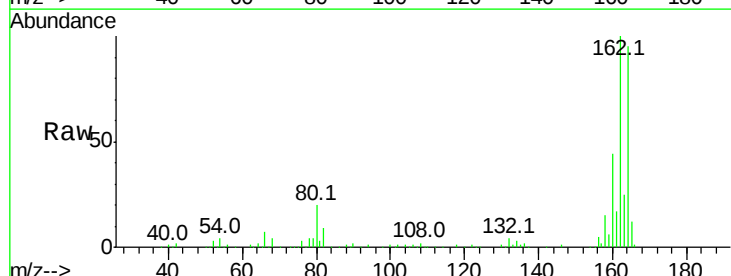
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.9	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.743 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099380.D
 Acq: 12 Oct 2017 8:39

Tgt Ion:165 Resp: 25201

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.0	44.0	66.0#

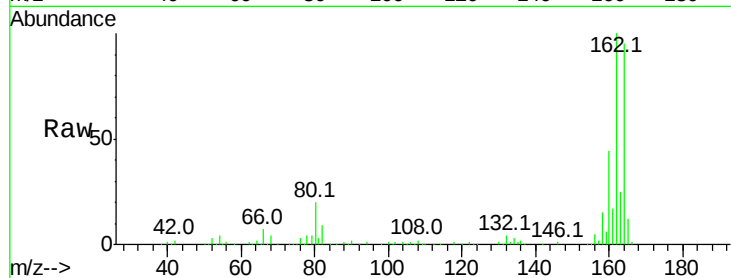




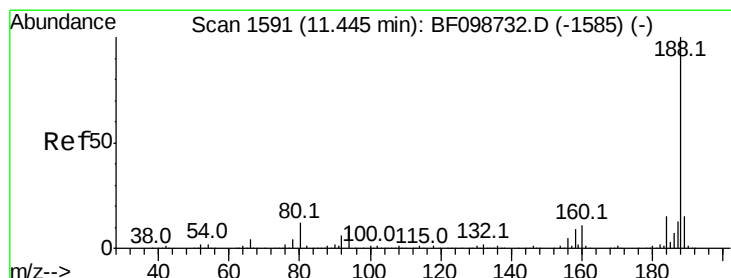
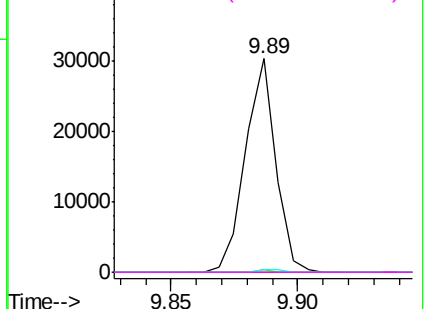
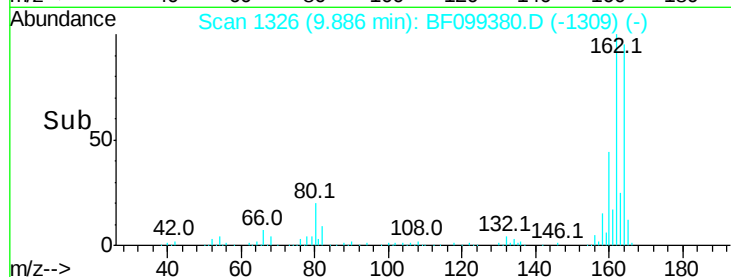
#56
 2,4-Dinitrotoluene
 Concen: 5.966 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099380.D
 Acq: 12 Oct 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25201
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.0 57.8 86.6#
 182 0.0 1.6 2.4#

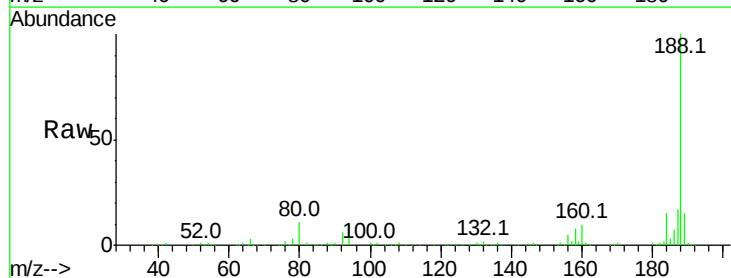


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

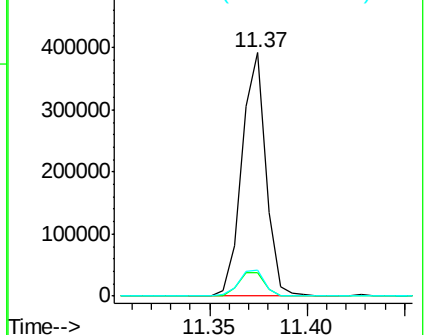
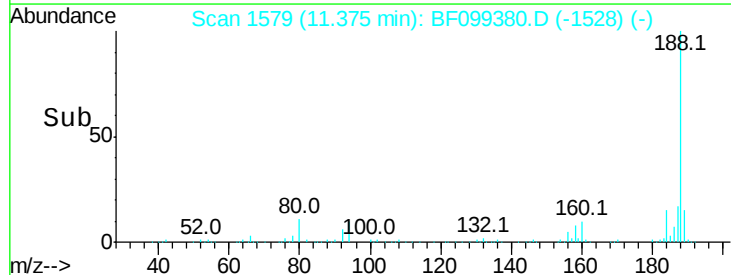


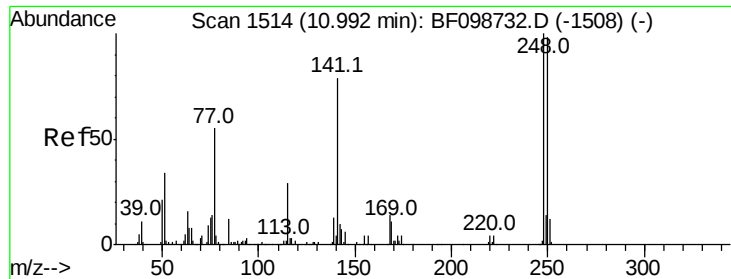
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099380.D
 Acq: 12 Oct 2017 8:39

Tgt Ion:188 Resp: 334205
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 10.8 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

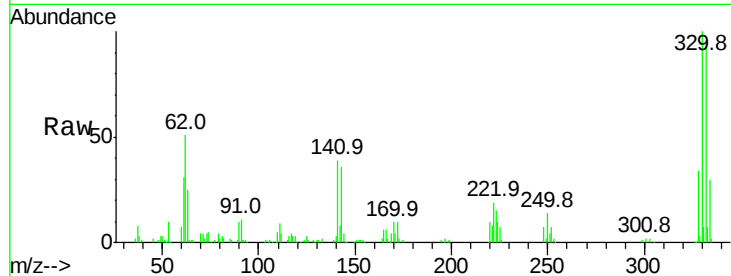




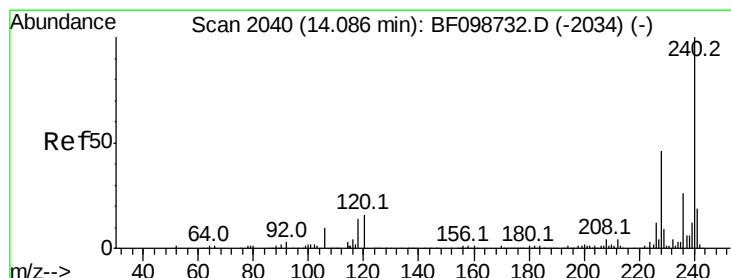
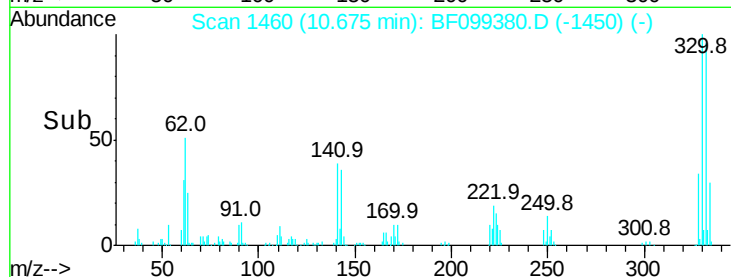
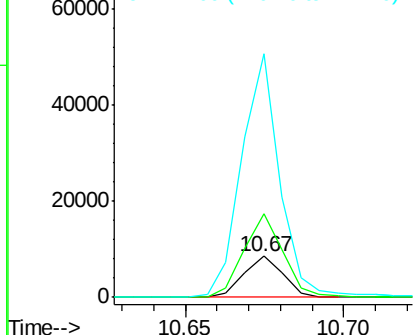
#66
 4-Bromophenyl-phenylether
 Concen: 2.212 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF099380.D
 Acq: 12 Oct 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7237
 Ion Ratio Lower Upper
 248 100
 250 205.0 76.9 115.3#
 141 595.7 74.4 111.6#

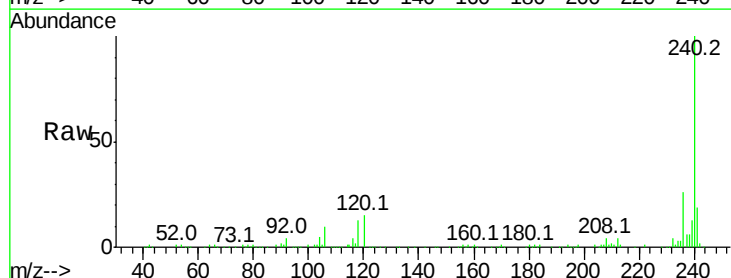


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

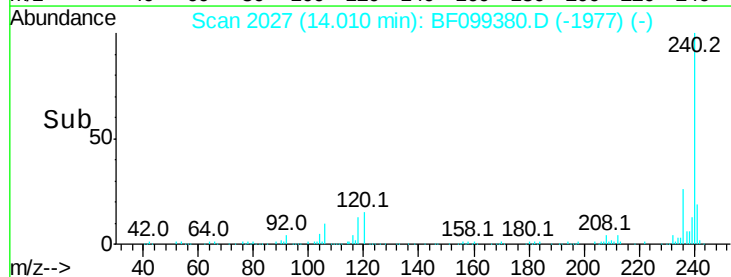
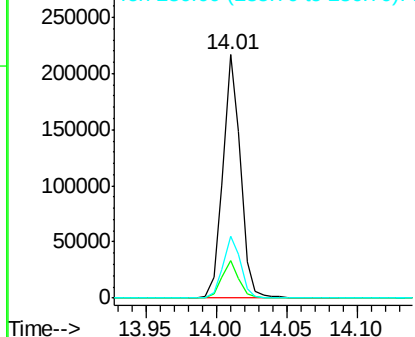


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF099380.D
 Acq: 12 Oct 2017 8:39

Tgt Ion:240 Resp: 187401
 Ion Ratio Lower Upper
 240 100
 120 15.3 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: 93.341 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099380.D

Acq: 12 Oct 2017 8:39

Instrument :

BNA_F

ClientSampled :

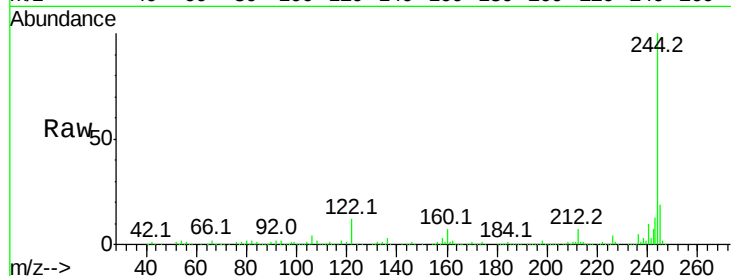
Tot Ion:244 Resp: 769154

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

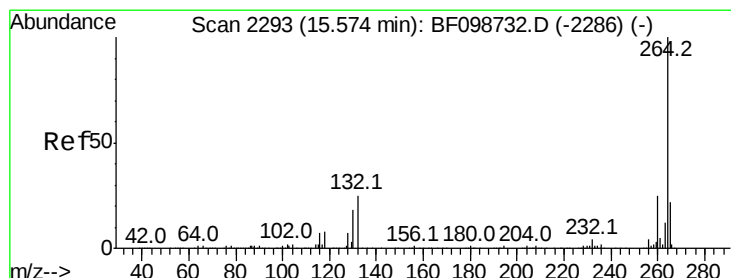
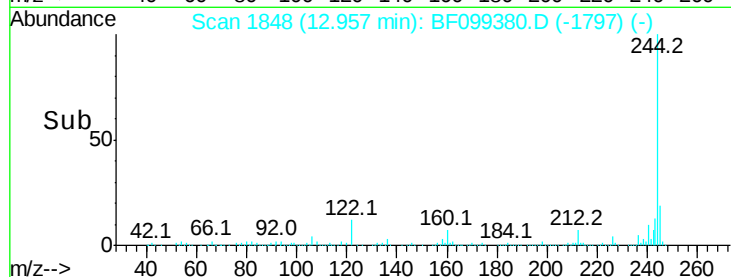
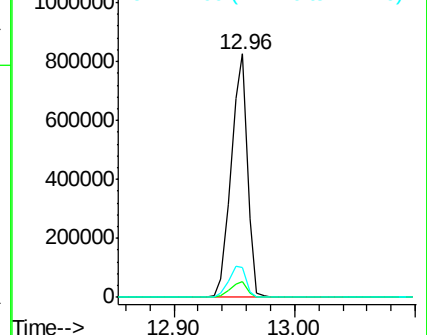
122 12.1 11.0 16.4



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: 15.48 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BF099380.D

Acq: 12 Oct 2017 8:39

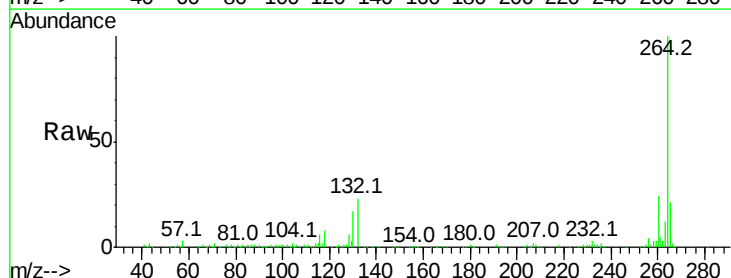
Tgt Ion:264 Resp: 196852

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.2 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

