

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099177.D
 Acq On : 7 Oct 2017 5:39
 Operator : SJ/JU
 Sample : I5542-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 06:34:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

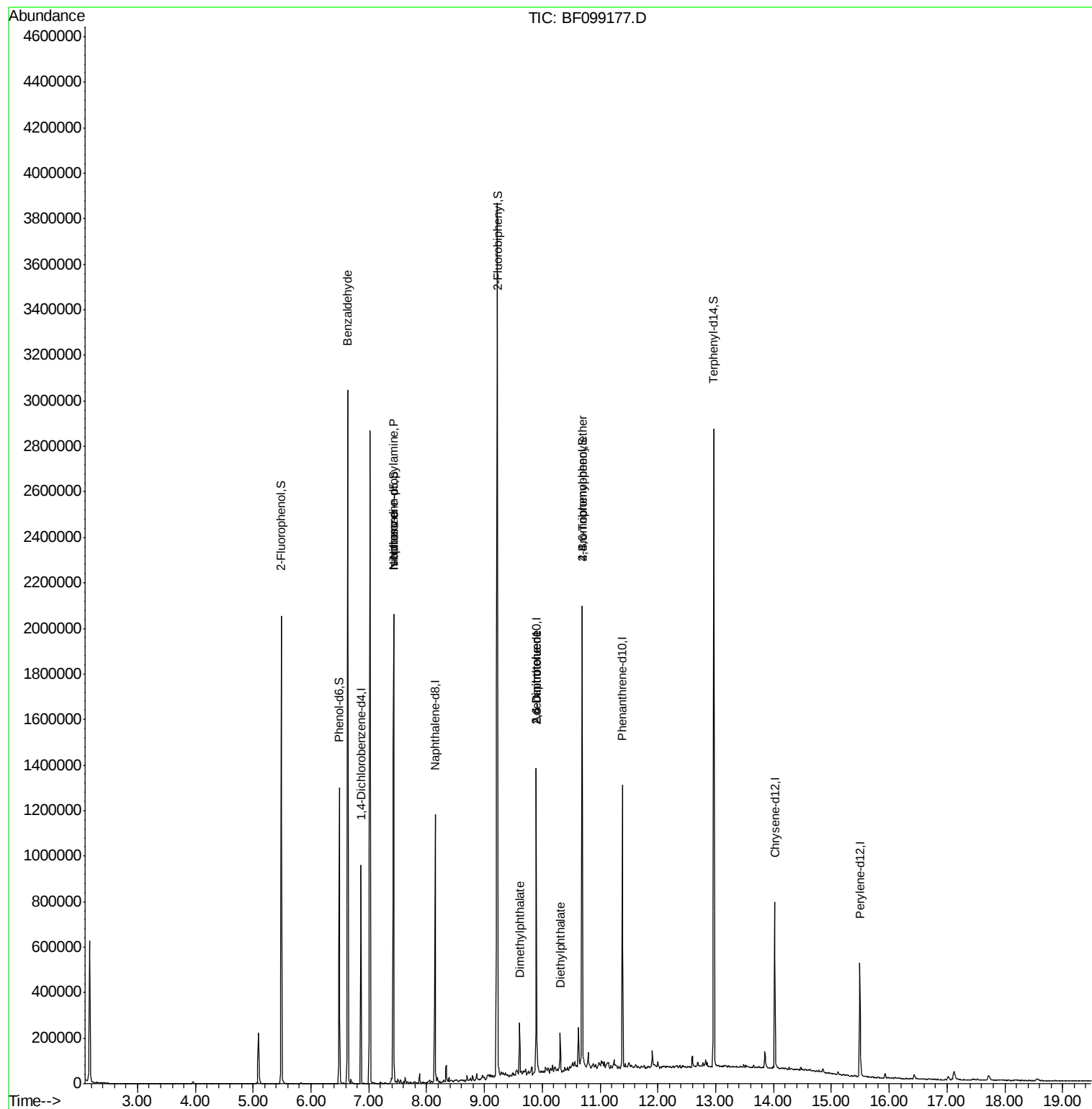
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132172	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	545597	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	244267	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	413173	20.00	ng	0.00
75) Chrysene-d12	14.02	240	221119	20.00	ng	-0.01
86) Perylene-d12	15.49	264	216126	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	581512	70.04	ng	0.00
7) Phenol-d6	6.49	99	459445	44.86	ng	0.00
23) Nitrobenzene-d5	7.43	82	770919	90.61	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	262957	131.56	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1356076	92.68	ng	0.00
78) Terphenyl-d14	12.97	244	969822	99.75	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	18039	3.04	ng	86
19) n-Nitroso-di-n-propylamine	7.43	70	99857	15.27	ng	# 74
25) Isophorone	7.43	82	768366	43.68	ng	# 64
49) Dimethylphthalate	9.61	163	79076	4.29	ng	99
50) 2,6-Dinitrotoluene	9.90	165	32498	8.10	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	32498	6.24	ng	# 24
59) Diethylphthalate	10.31	149	54305	3.01	ng	98
66) 4-Bromophenyl-phenylether	10.69	248	17454	4.32	ng	# 1

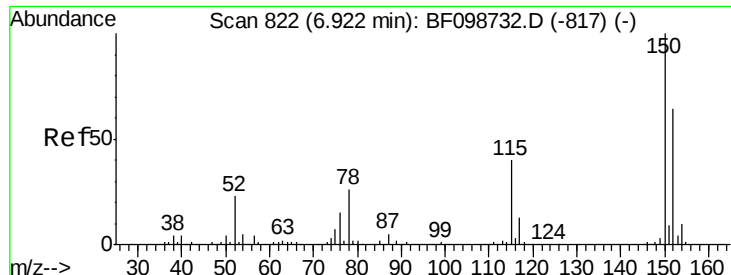
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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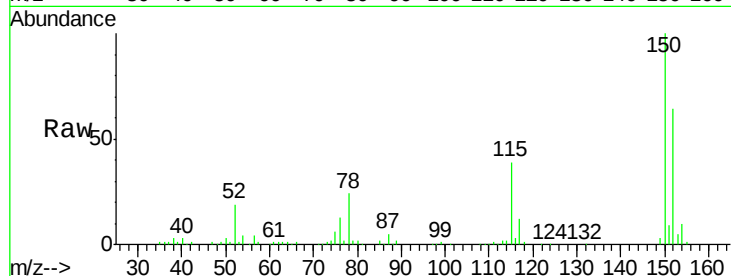


#1

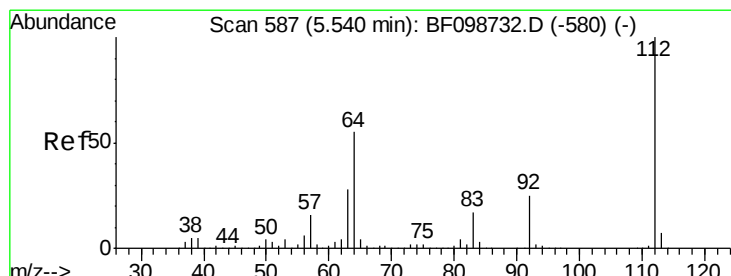
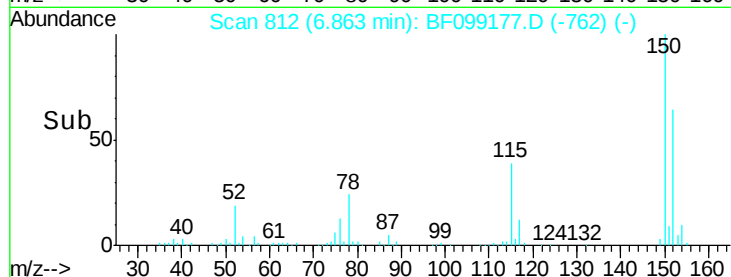
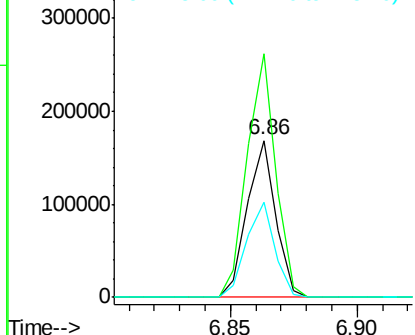
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099177.D
Acq: 7 Oct 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132172
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 60.5 50.1 75.1



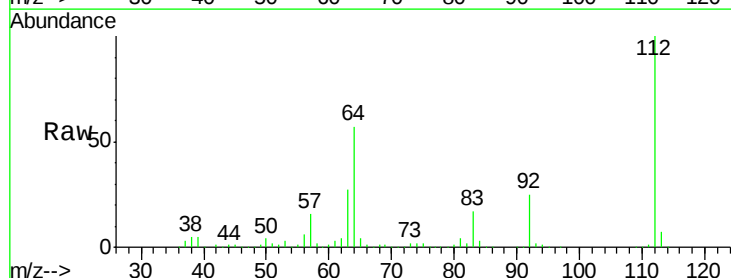
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



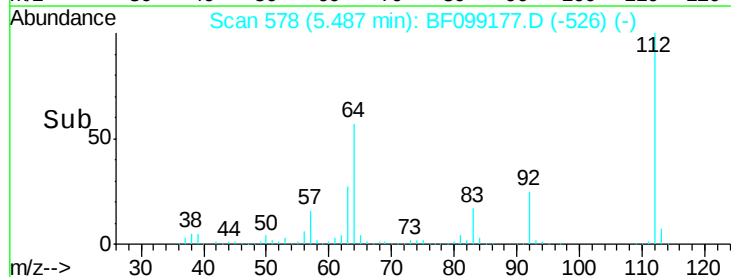
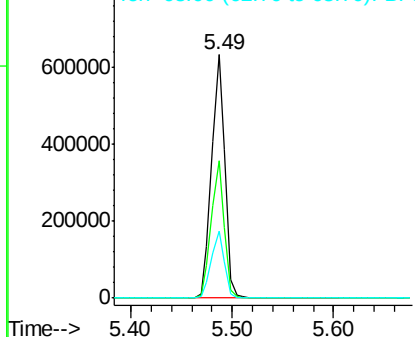
#5

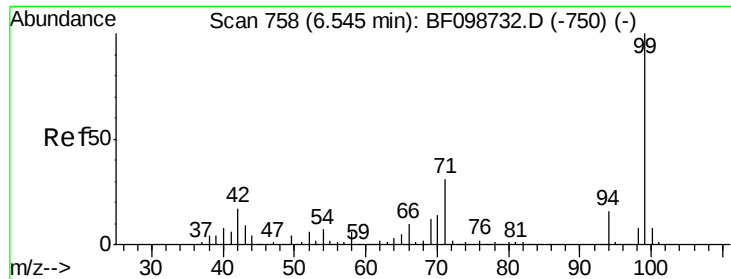
2-Fluorophenol
Concen: 70.04 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099177.D
Acq: 7 Oct 2017 5:39

Tgt Ion:112 Resp: 581512
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 27.4 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: 44.86 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099177.D

Acq: 7 Oct 2017 5:39

Instrument :

BNA_F

ClientSampleId :

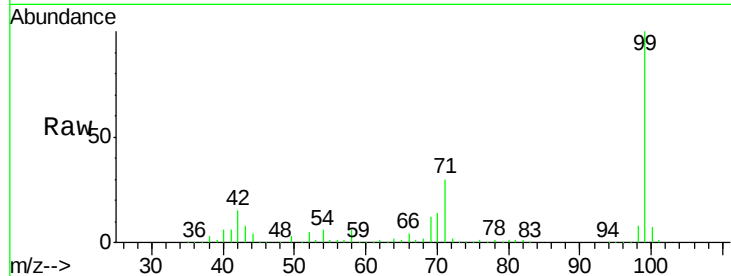
Tot Ion: 99 Resp: 459445

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

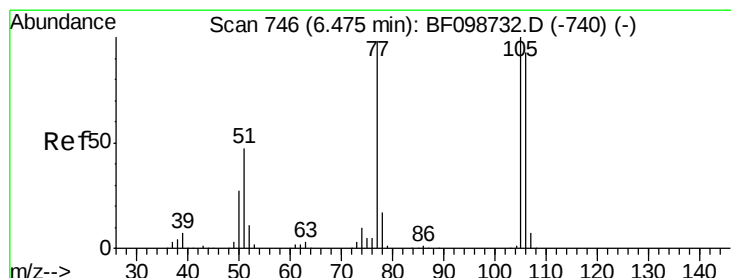
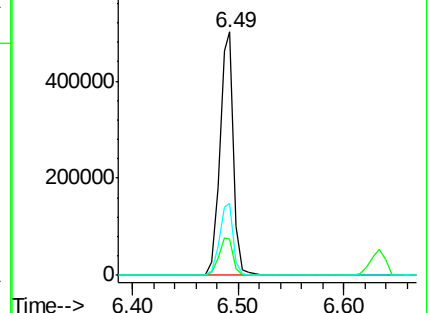
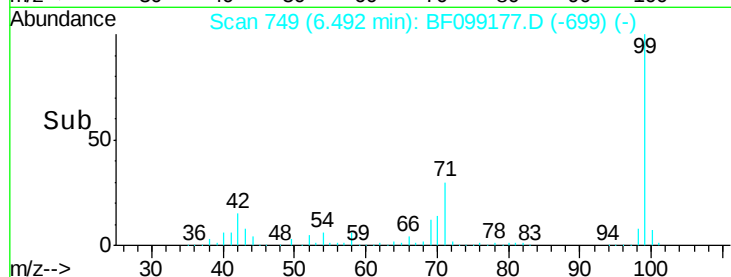
71 29.8 25.4 38.0



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: 3.04 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099177.D

Acq: 7 Oct 2017 5:39

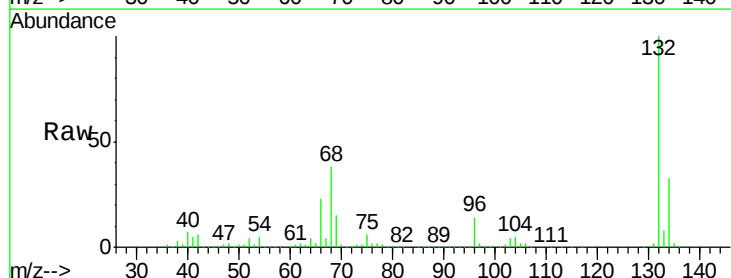
Tgt Ion: 77 Resp: 18039

Ion Ratio Lower Upper

77 100

105 85.2 81.1 121.1

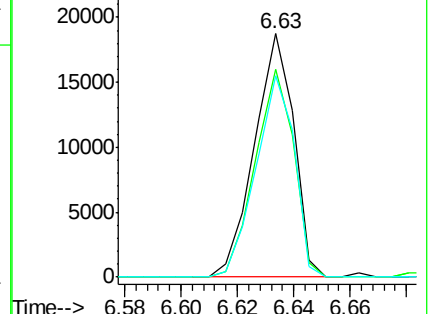
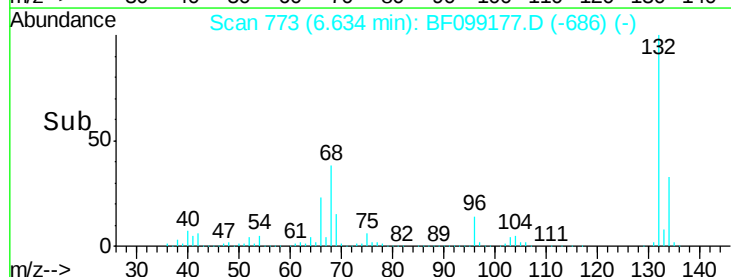
106 82.5 74.5 114.5



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

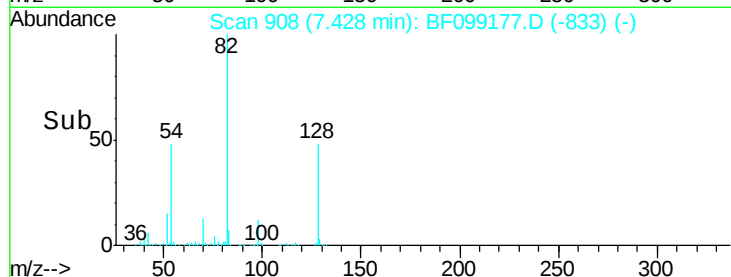
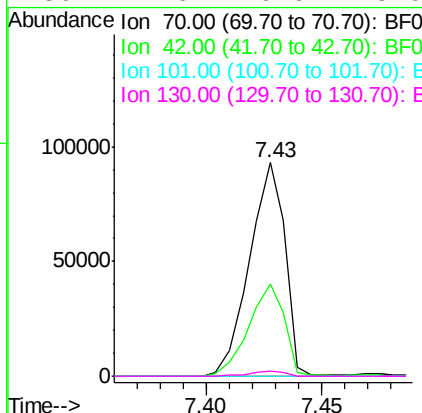
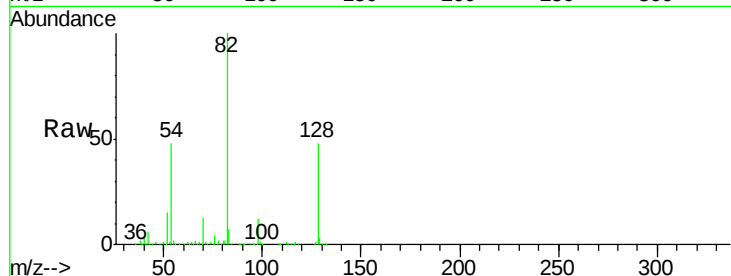




#19
n-Nitroso-di-n-propylamine
Concen: 15.27 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099177.D
Acq: 7 Oct 2017 5:39

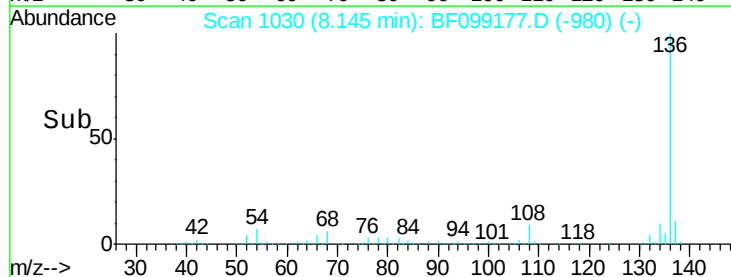
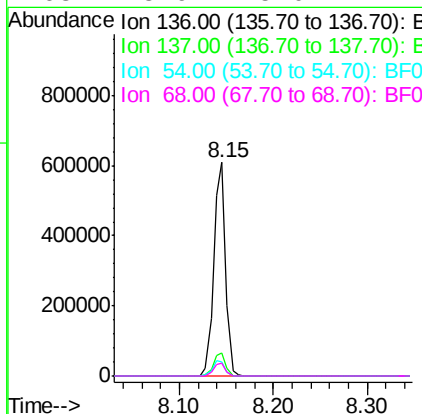
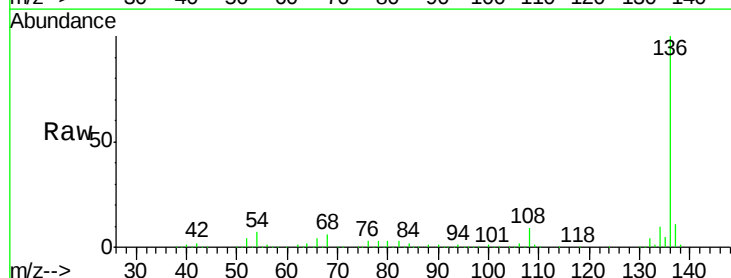
Instrument :
BNA_F
ClientSampled :

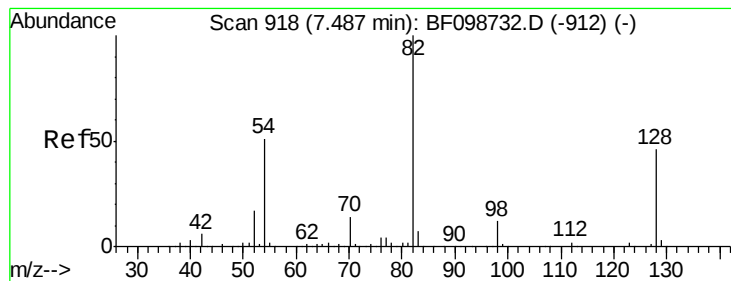
Tot Ion: 70 Resp: 99857
Ion Ratio Lower Upper
70 100
42 43.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099177.D
Acq: 7 Oct 2017 5:39

Tgt Ion: 136 Resp: 545597
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.8 6.6 9.8
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 90.61 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF099177.D

Acq: 7 Oct 2017 5:39

Instrument :

BNA_F

ClientSampled :

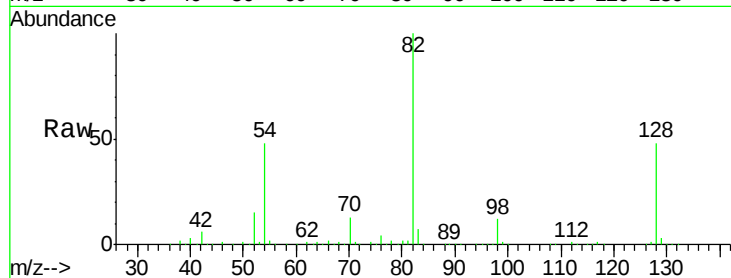
Tot Ion: 82 Resp: 770919

Ion Ratio Lower Upper

82 100

128 47.9 36.1 54.1

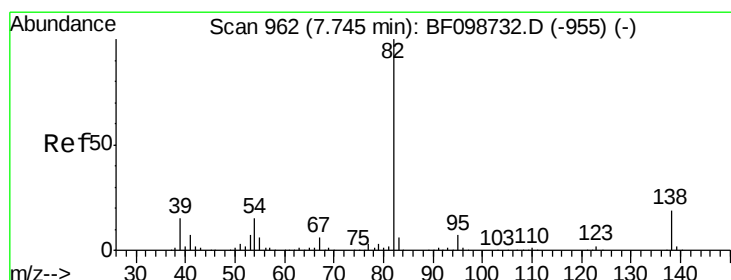
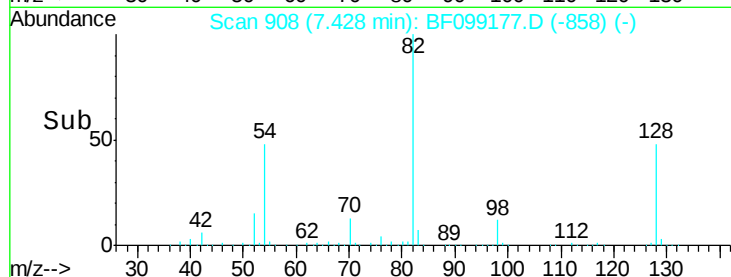
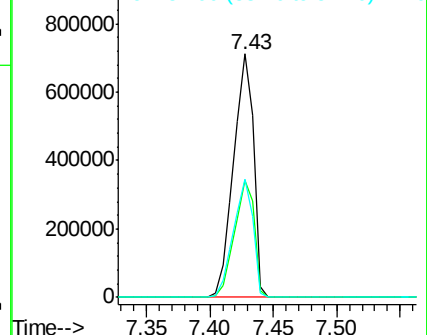
54 48.5 41.4 62.2



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: 43.68 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF099177.D

Acq: 7 Oct 2017 5:39

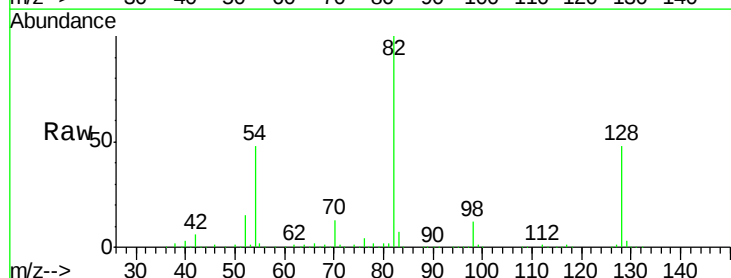
Tgt Ion: 82 Resp: 768366

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

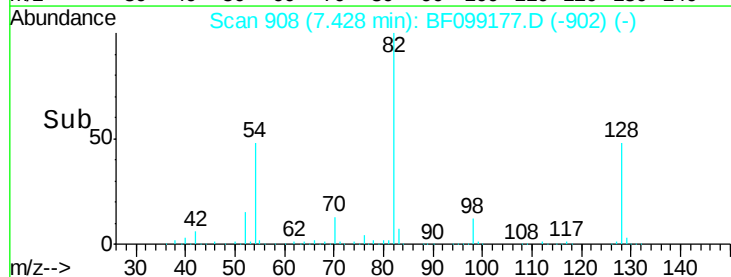
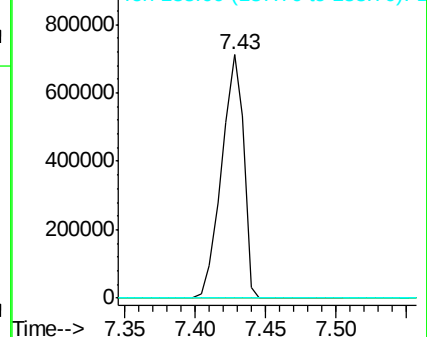
138 0.0 14.9 22.3#

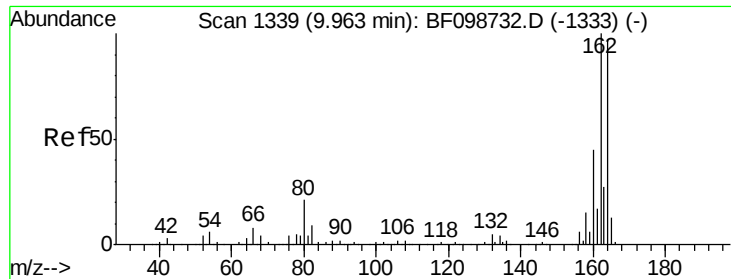


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

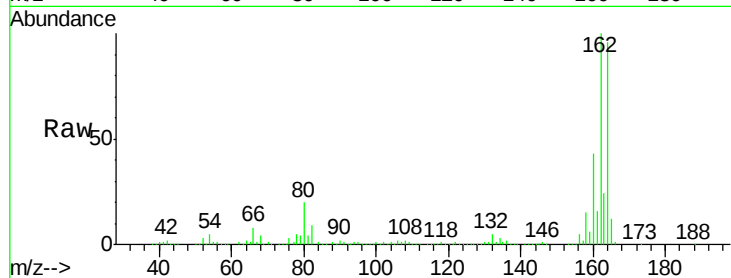




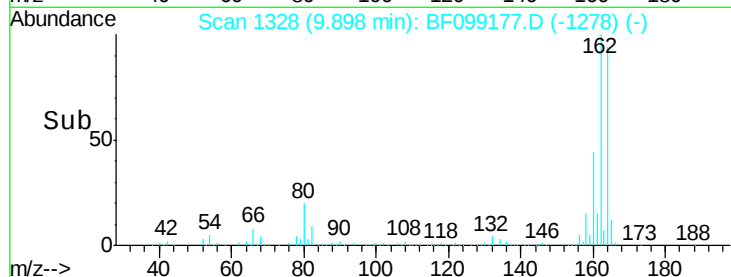
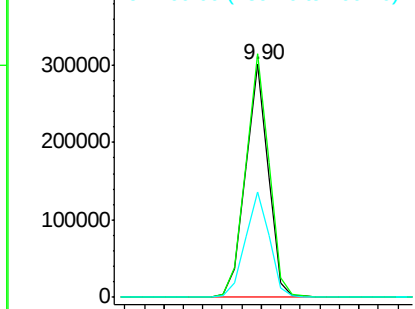
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099177.D
Acq: 7 Oct 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	45.5	38.3	57.5

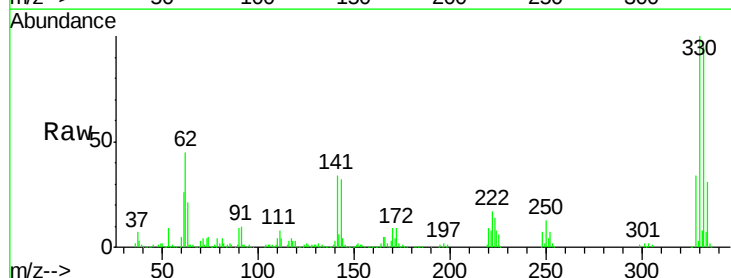


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

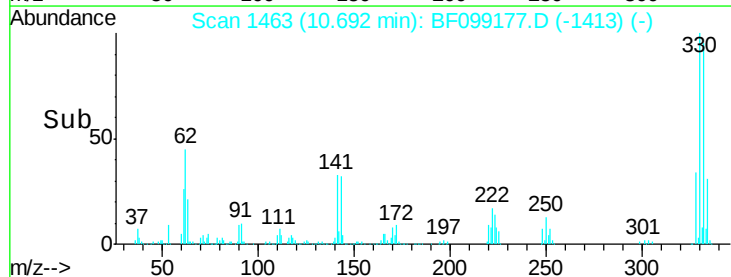
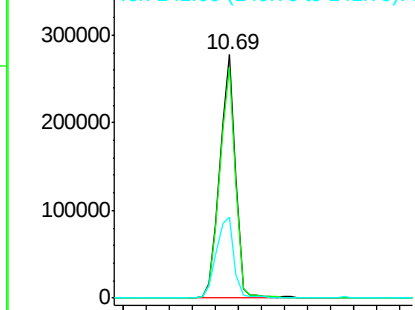


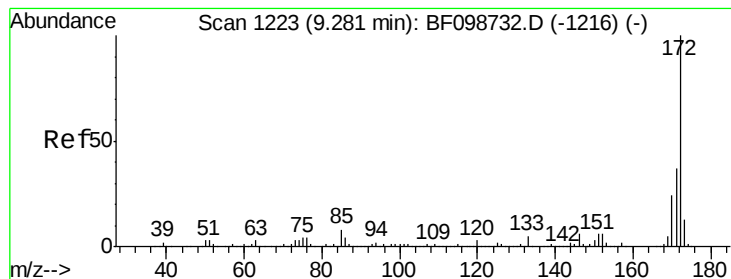
#41
2,4,6-Tribromophenol
Concen: 131.56 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099177.D
Acq: 7 Oct 2017 5:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.0	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: 92.68 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF099177.D

Acq: 7 Oct 2017 5:39

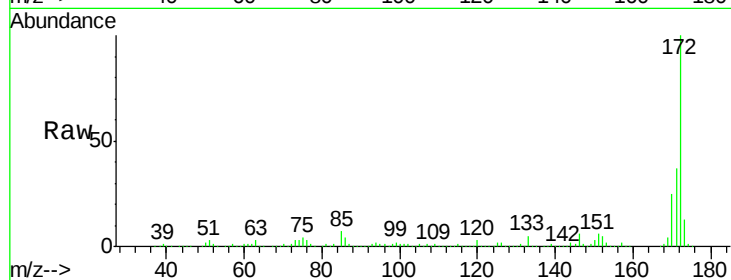
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1356076

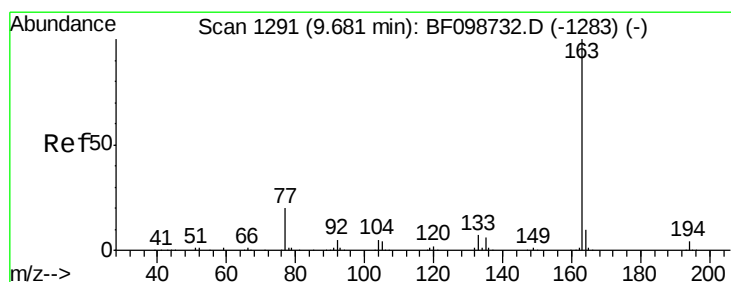
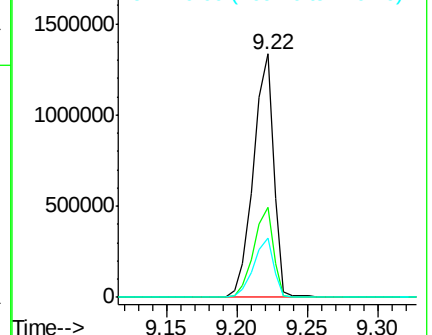
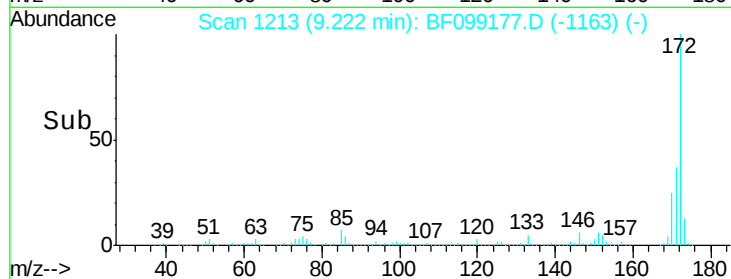
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.5	19.6	29.4



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



#49

Dimethylphthalate

Concen: 4.29 ng

RT: 9.61 min Scan# 1279

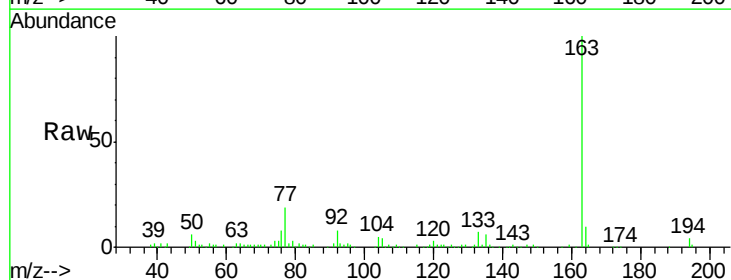
Delta R.T. -0.02 min

Lab File: BF099177.D

Acq: 7 Oct 2017 5:39

Tgt Ion:163 Resp: 79076

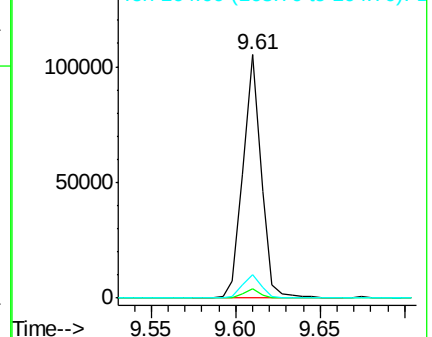
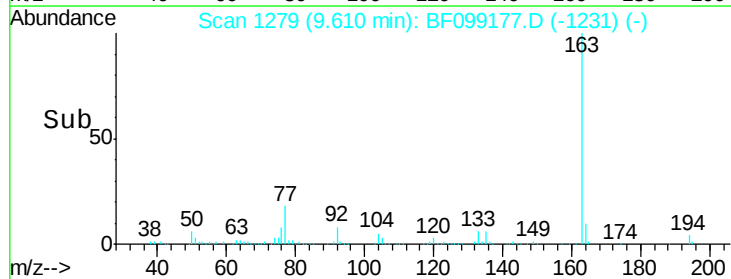
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.7	8.2	12.2

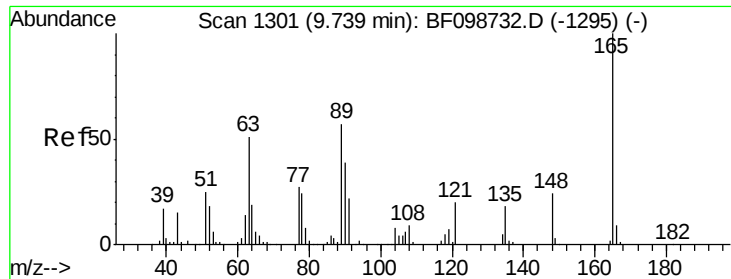


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

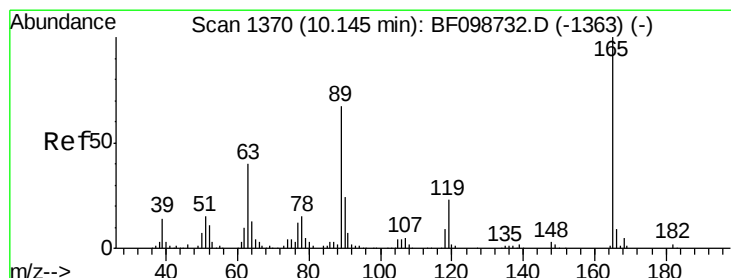
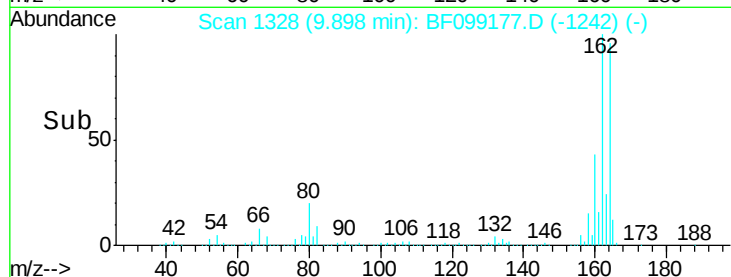
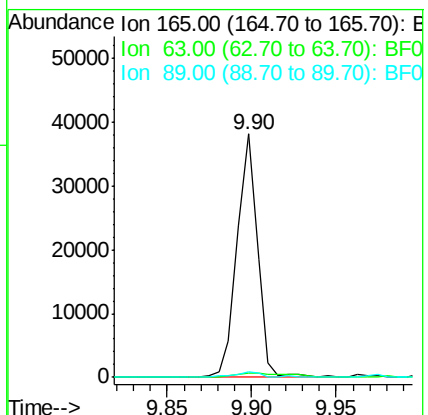
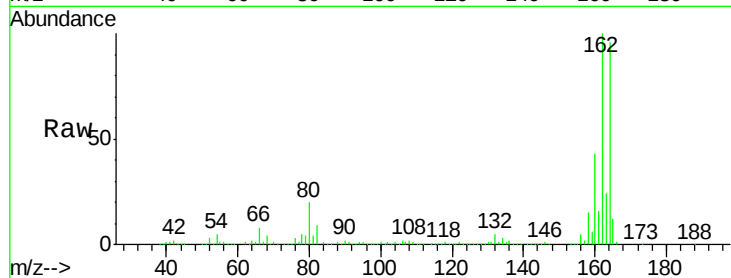




#50
 2,6-Dinitrotoluene
 Concen: 8.10 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099177.D
 Acq: 7 Oct 2017 5:39

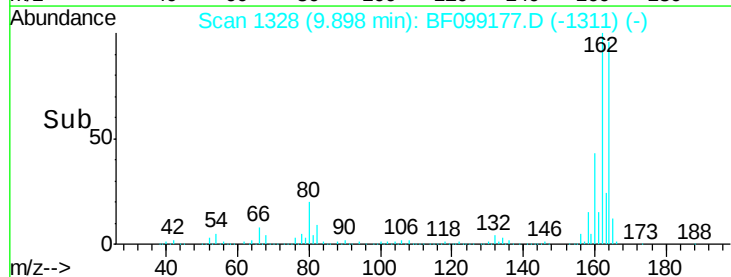
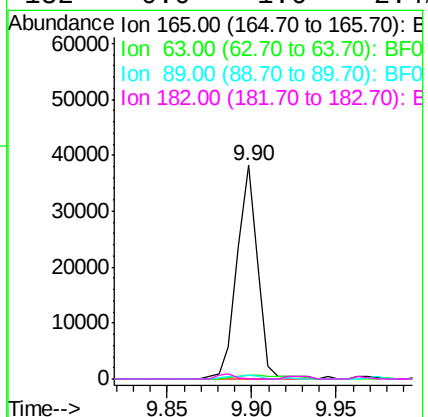
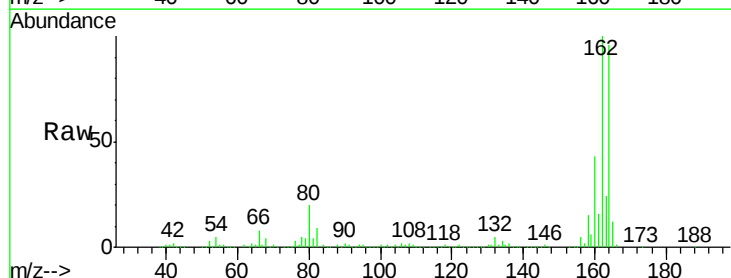
Instrument :
 BNA_F
 ClientSampleId :

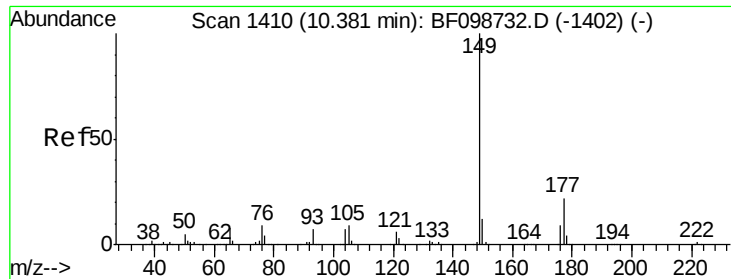
Tot Ion:165 Resp: 32498
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.7 67.1#
 89 2.1 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099177.D
 Acq: 7 Oct 2017 5:39

Tgt Ion:165 Resp: 32498
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 2.1 57.8 86.6#
 182 0.0 1.6 2.4#

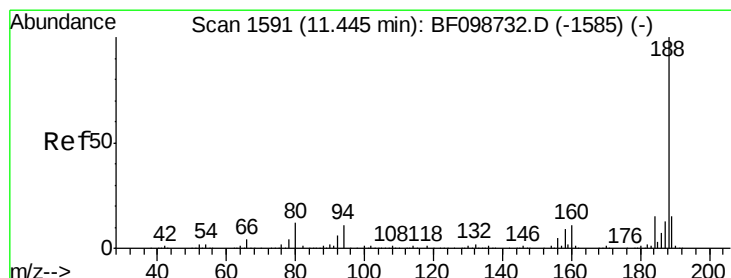
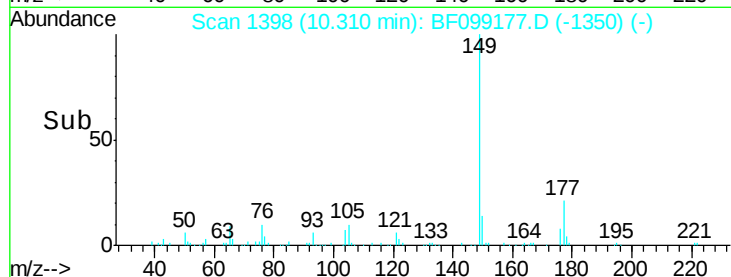
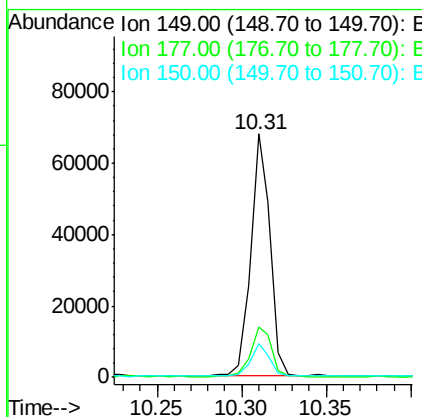
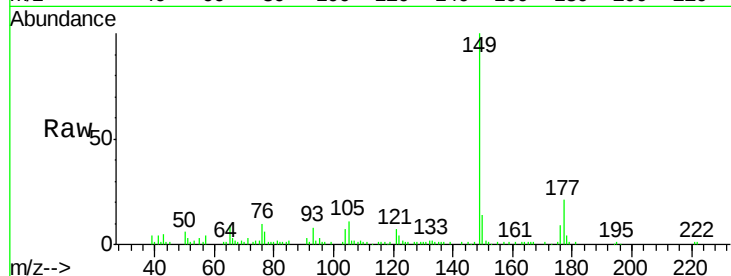




#59
Diethylphthalate
Concen: 3.01 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF099177.D
Acq: 7 Oct 2017 5:39

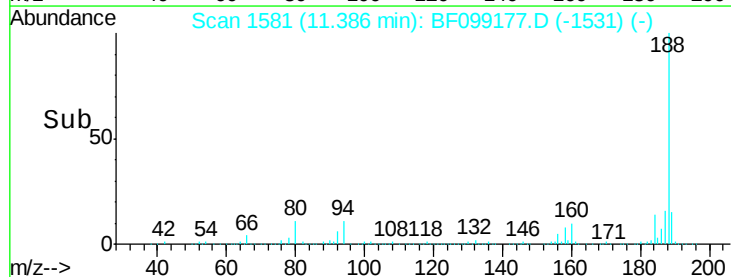
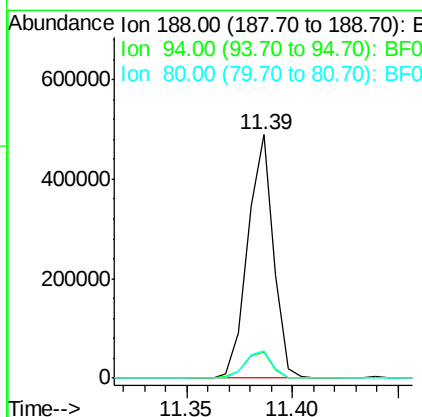
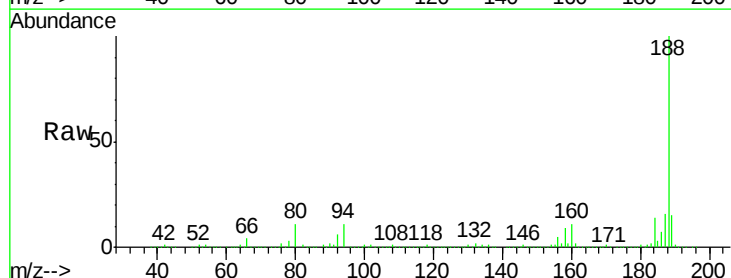
Instrument :
BNA_F
ClientSampleId :

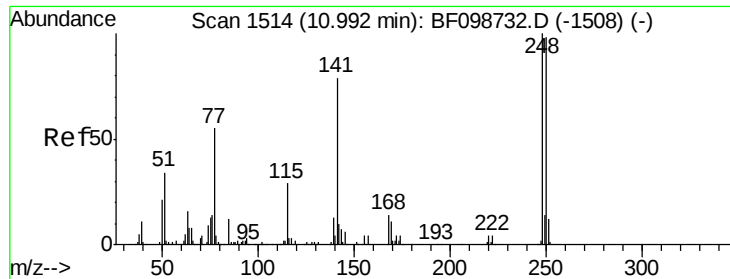
Tot Ion:149 Resp: 54305
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 13.6 10.1 15.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099177.D
Acq: 7 Oct 2017 5:39

Tgt Ion:188 Resp: 413173
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.0 9.2 13.8

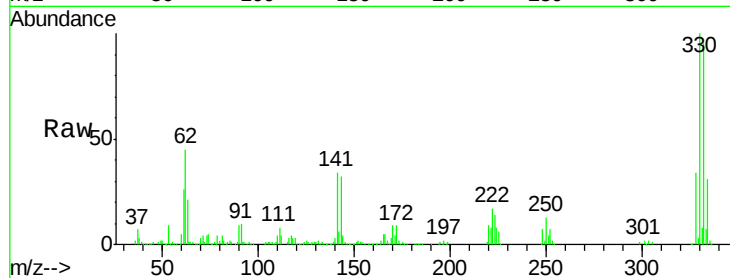




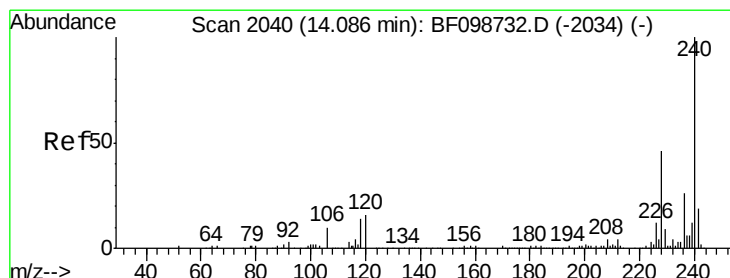
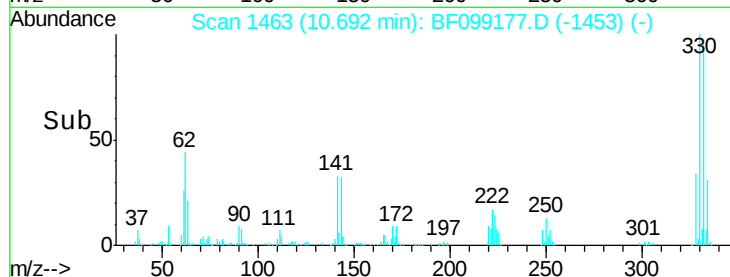
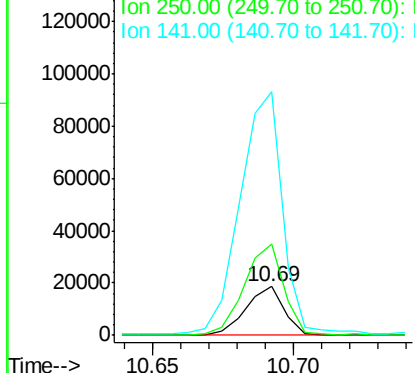
#66
4-Bromophenyl-phenylether
Concen: 4.32 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099177.D
Acq: 7 Oct 2017 5:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17454
Ion Ratio Lower Upper
248 100
250 187.3 76.9 115.3#
141 500.4 74.4 111.6#

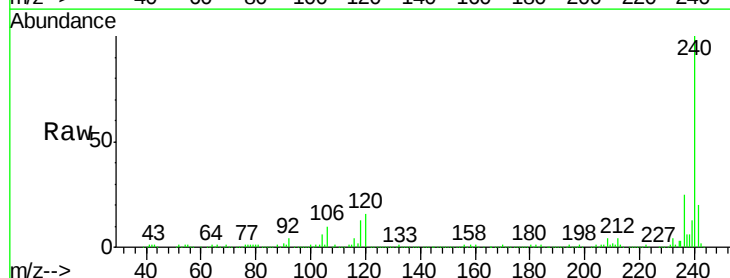


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

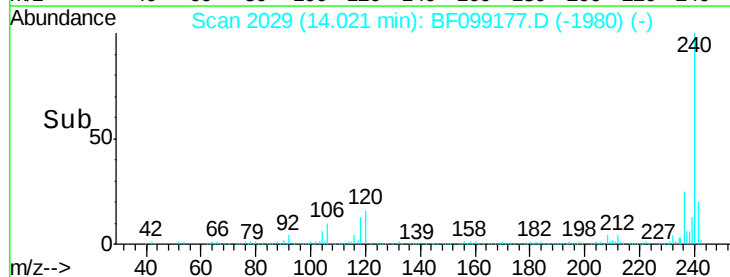
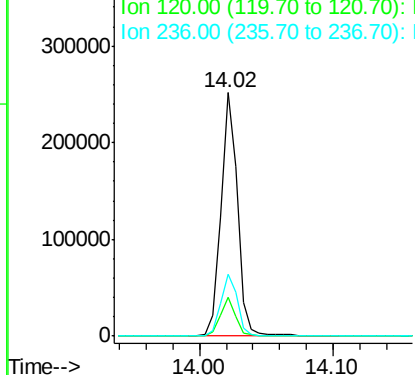


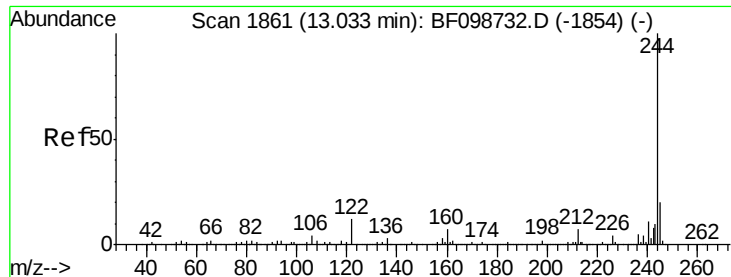
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099177.D
Acq: 7 Oct 2017 5:39

Tgt Ion:240 Resp: 221119
Ion Ratio Lower Upper
240 100
120 16.2 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: 99.75 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099177.D

Acq: 7 Oct 2017 5:39

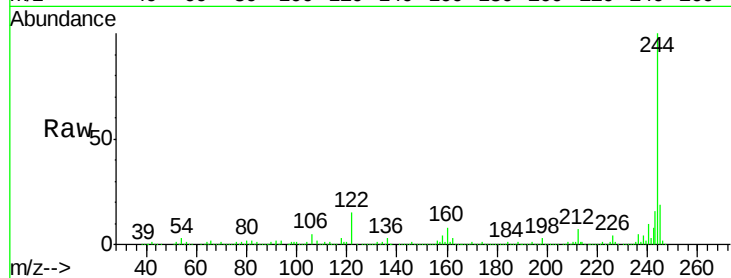
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 969822

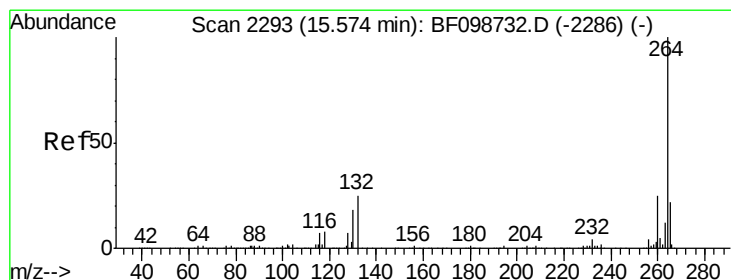
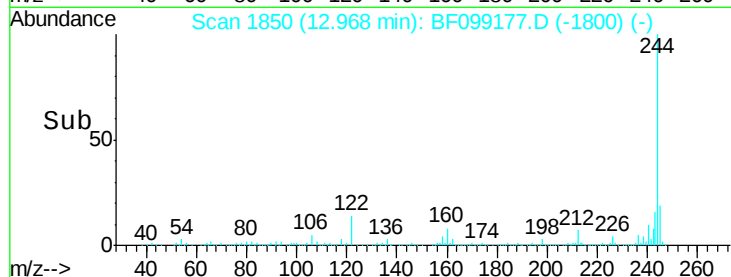
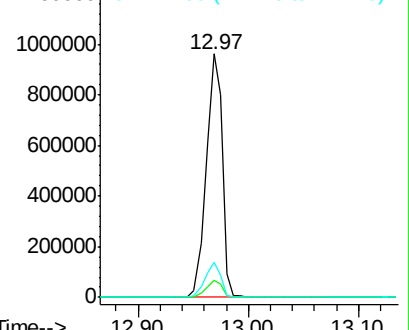
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.5	11.0	16.4



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

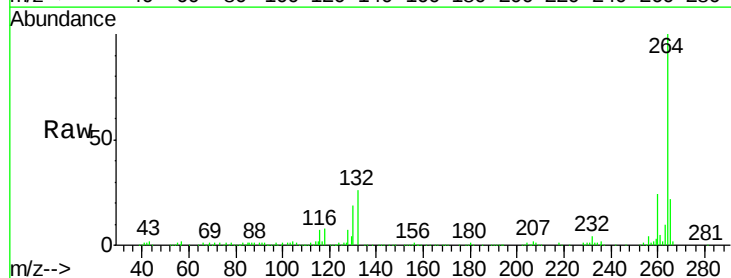
Delta R.T. -0.01 min

Lab File: BF099177.D

Acq: 7 Oct 2017 5:39

Tgt Ion:264 Resp: 216126

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	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

