

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099042.D
 Acq On : 3 Oct 2017 20:48
 Operator : SJ/JU
 Sample : I5496-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 00:40:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

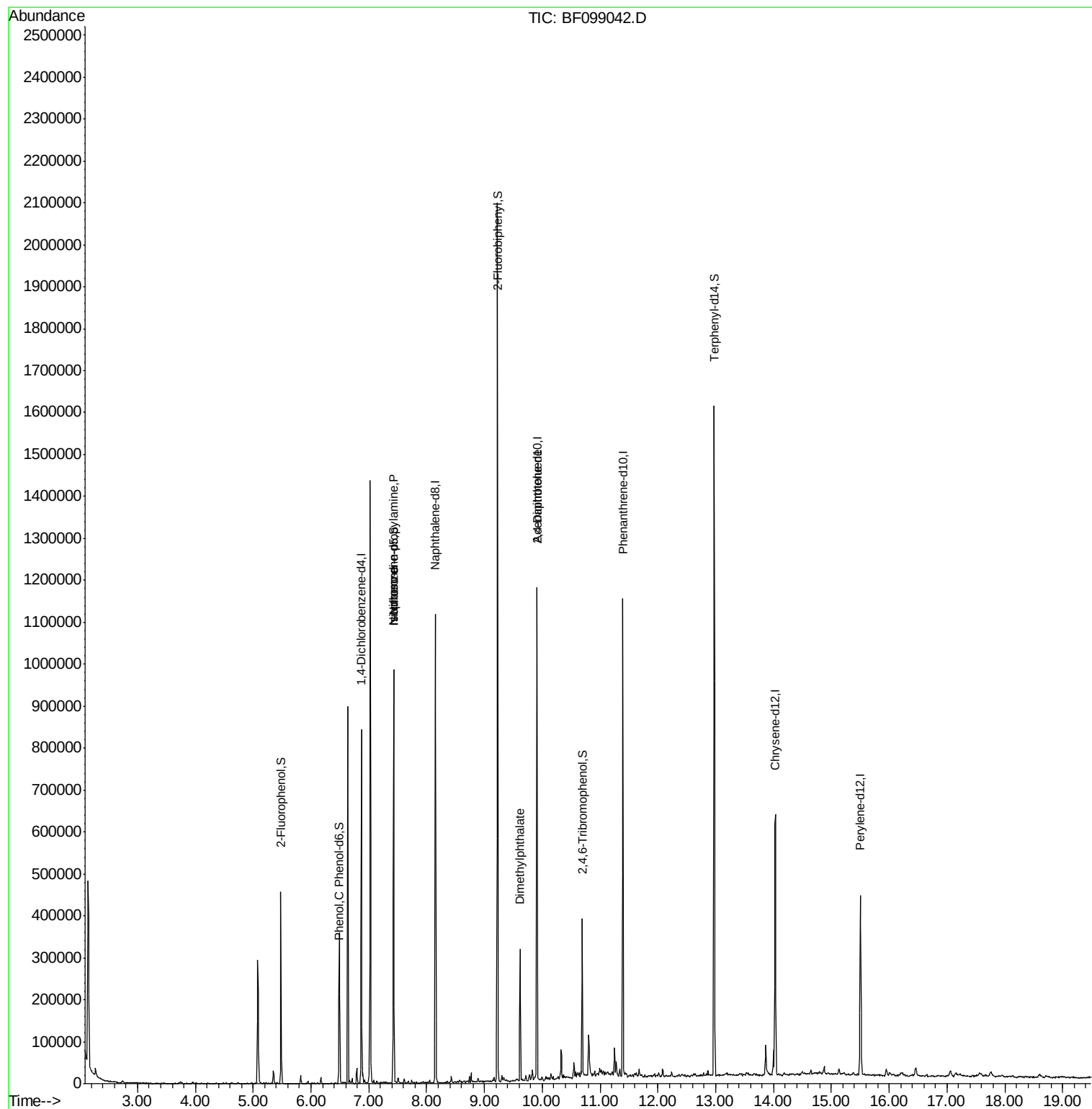
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	121178	20.00	ng	-0.05
21) Naphthalene-d8	8.15	136	493981	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	224232	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	374679	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	204365	20.00	ng	-0.05
86) Perylene-d12	15.50	264	183798	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	114140	14.99	ng	-0.06
7) Phenol-d6	6.49	99	102070	10.87	ng	-0.06
23) Nitrobenzene-d5	7.43	82	333281	43.27	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	34854	19.00	ng	-0.06
44) 2-Fluorobiphenyl	9.23	172	642668	47.85	ng	-0.05
78) Terphenyl-d14	12.97	244	434766	48.38	ng	-0.06
Target Compounds						
10) Phenol	6.50	94	54817	5.22	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.43	70	43252	7.21	ng	# 78
25) Isophorone	7.43	82	332106	20.85	ng	# 64
49) Dimethylphthalate	9.62	163	107391	6.35	ng	98
56) 2,4-Dinitrotoluene	9.91	165	28910	6.05	ng	# 24

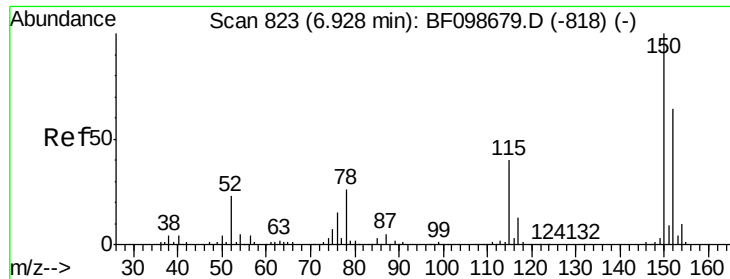
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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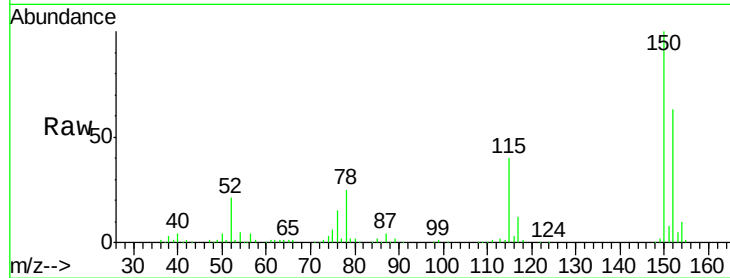


#1

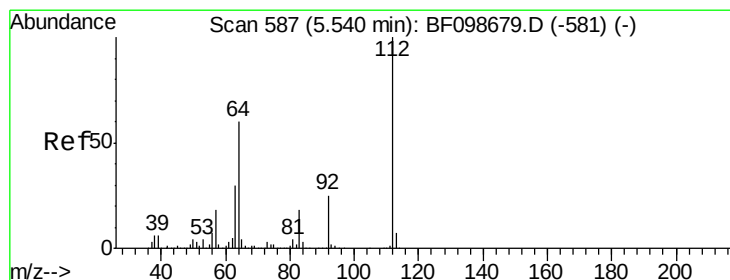
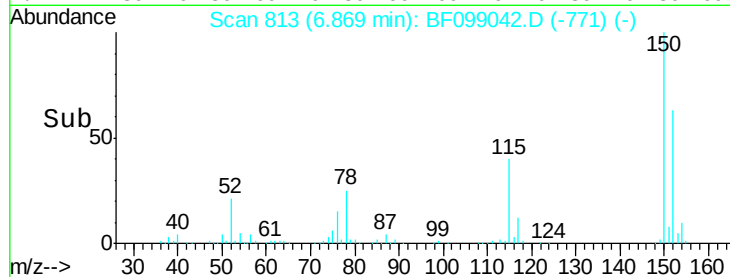
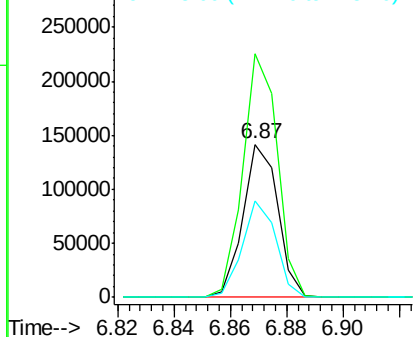
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF099042.D
Acq: 3 Oct 2017 20:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121178
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 62.9 50.1 75.1



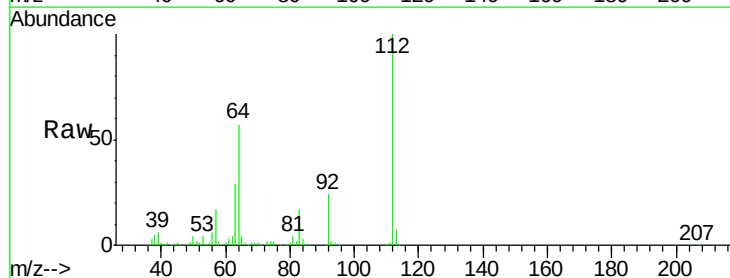
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



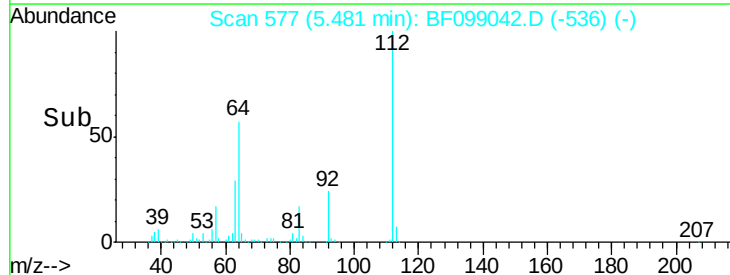
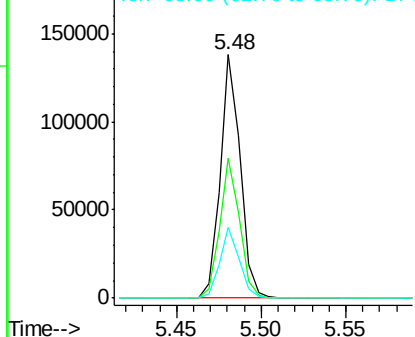
#5

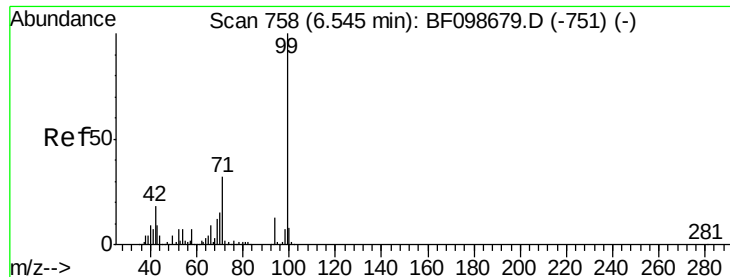
2-Fluorophenol
Concen: 14.99 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.06 min
Lab File: BF099042.D
Acq: 3 Oct 2017 20:48

Tgt Ion:112 Resp: 114140
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 29.2 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: 10.87 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF099042.D

Acq: 3 Oct 2017 20:48

Instrument :

BNA_F

ClientSampleId :

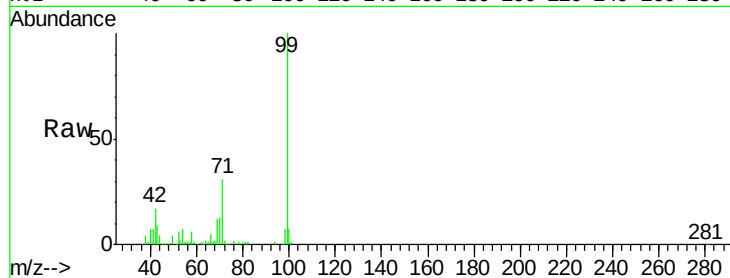
Tot Ion: 99 Resp: 102070

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

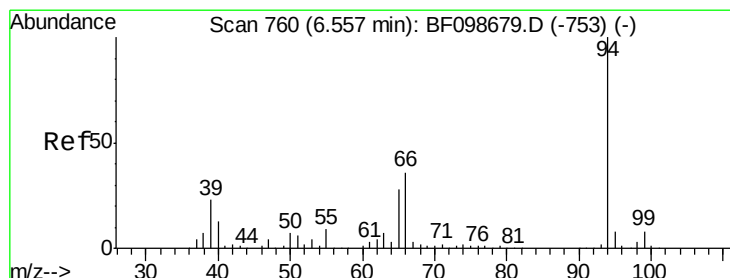
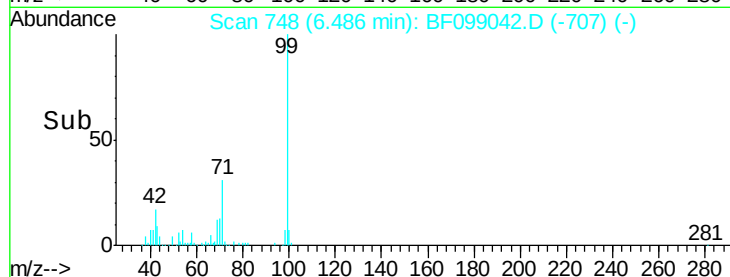
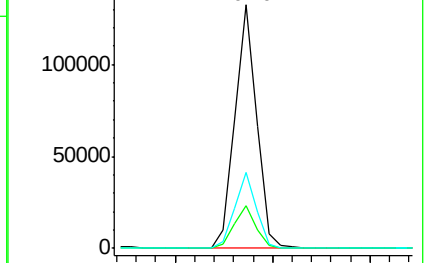
71 31.2 25.4 38.0



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



#10

Phenol

Concen: 5.22 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.06 min

Lab File: BF099042.D

Acq: 3 Oct 2017 20:48

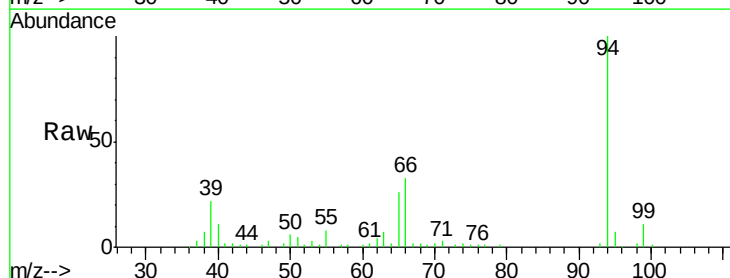
Tgt Ion: 94 Resp: 54817

Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

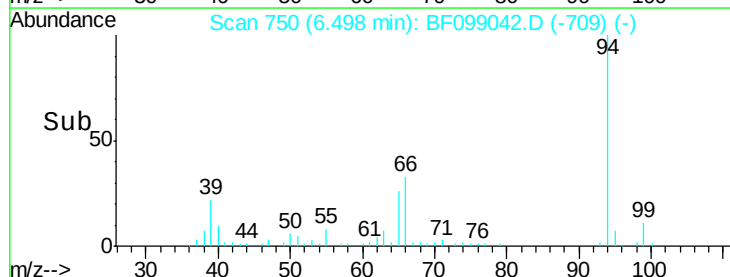
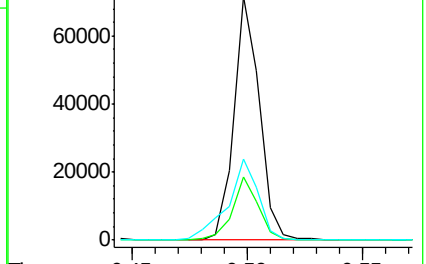
66 33.3 16.2 56.2

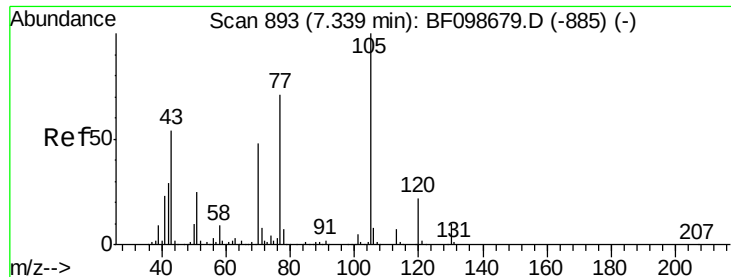


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

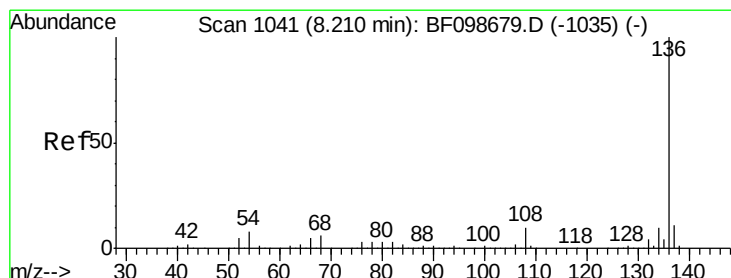
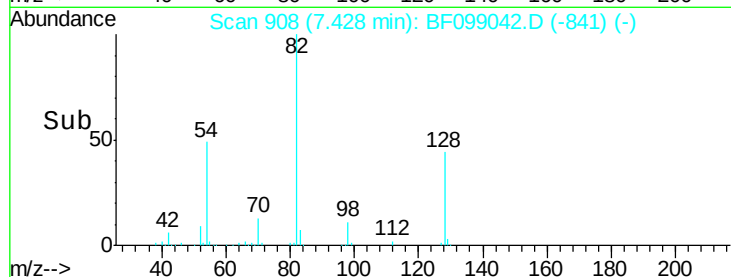
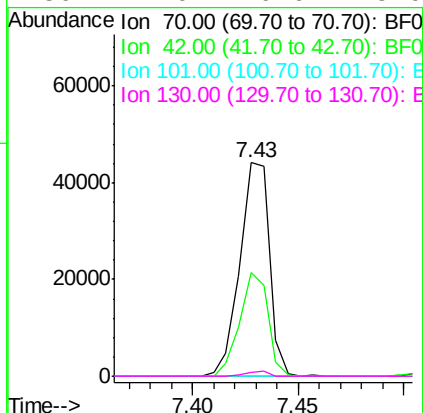
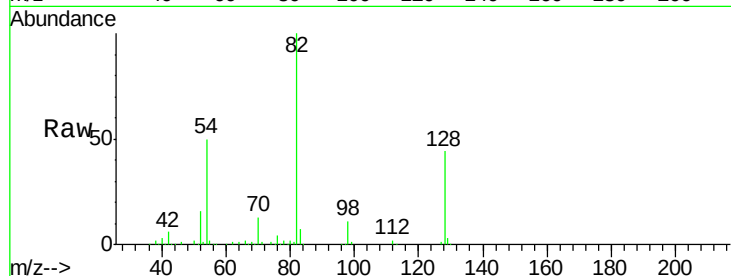




#19
n-Nitroso-di-n-propylamine
Concen: 7.21 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.09 min
Lab File: BF099042.D
Acq: 3 Oct 2017 20:48

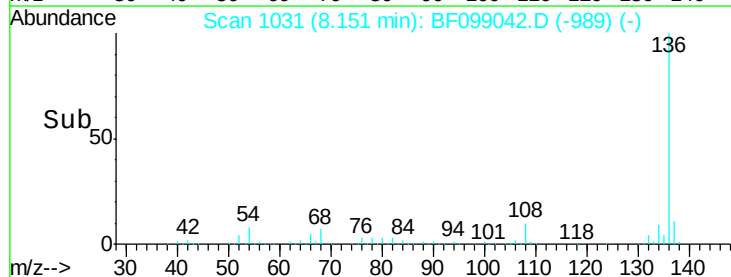
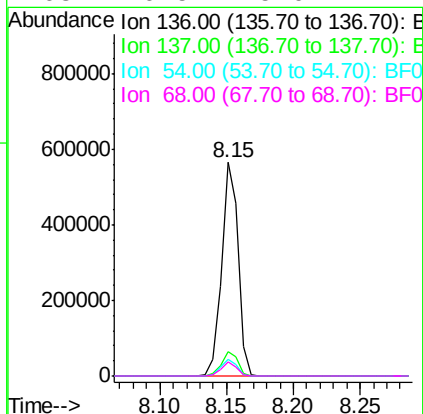
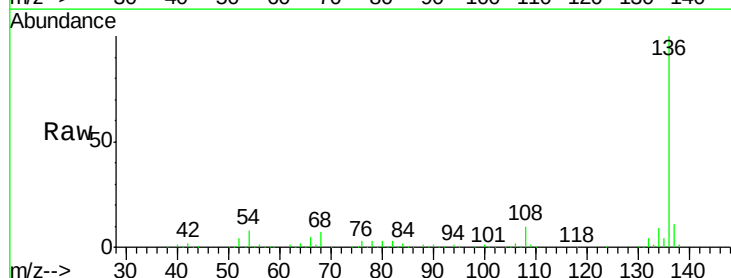
Instrument :
BNA_F
ClientSampleId :

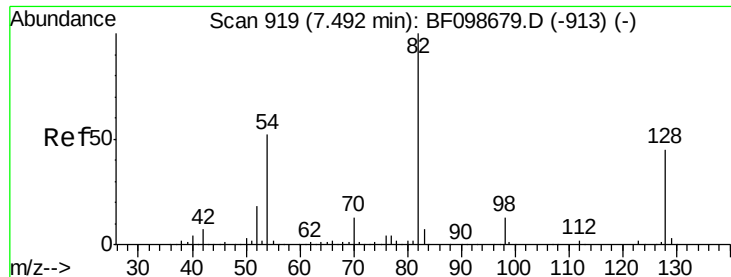
Tot Ion: 70 Resp: 43252
Ion Ratio Lower Upper
70 100
42 48.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF099042.D
Acq: 3 Oct 2017 20:48

Tgt Ion:136 Resp: 493981
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.9 6.6 9.8
68 6.5 5.0 7.4

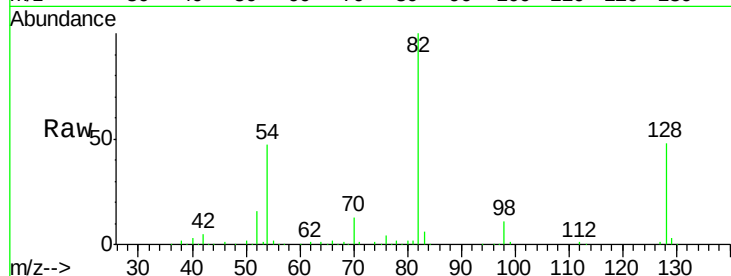




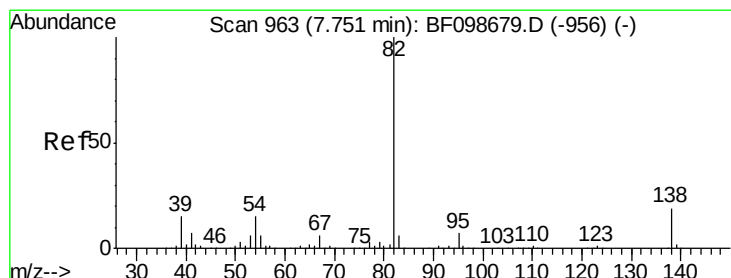
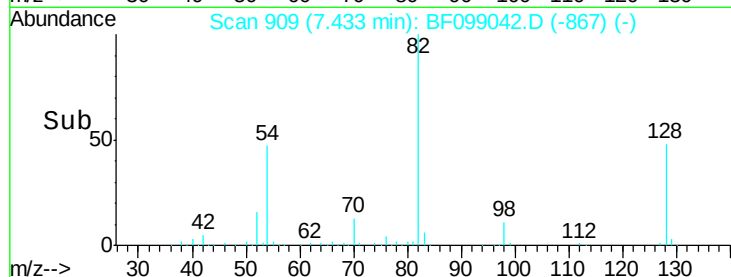
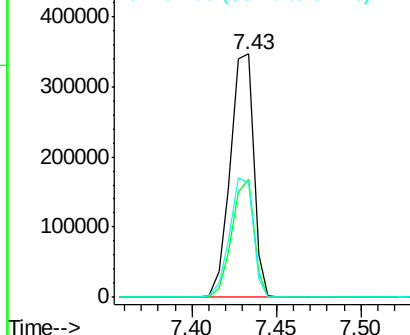
#23
 Nitrobenzene-d5
 Concen: 43.27 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.05 min
 Lab File: BF099042.D
 Acq: 3 Oct 2017 20:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 333281
 Ion Ratio Lower Upper
 82 100
 128 48.4 36.1 54.1
 54 47.0 41.4 62.2

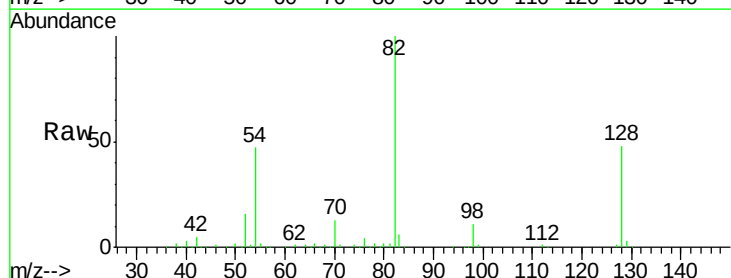


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

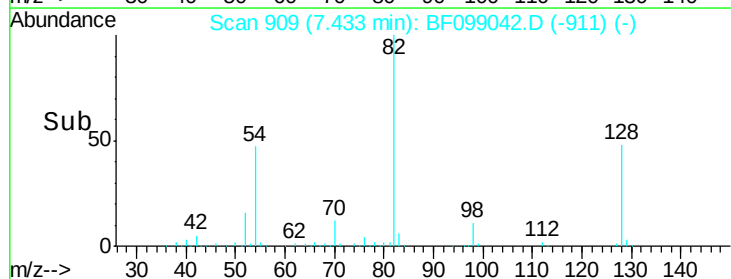
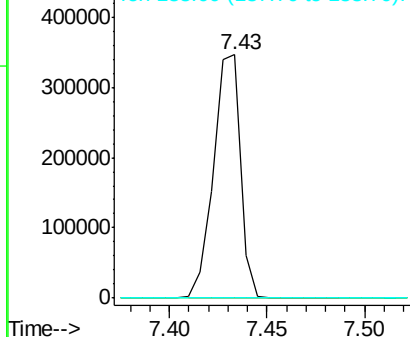


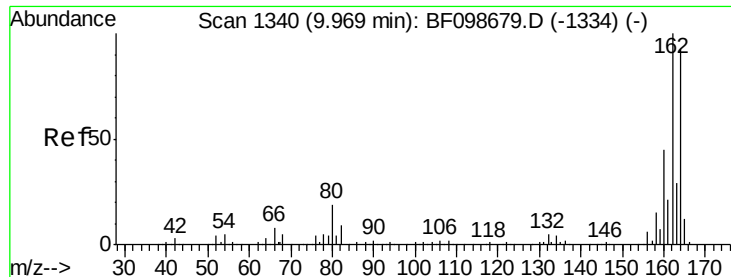
#25
 Isophorone
 Concen: 20.85 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.31 min
 Lab File: BF099042.D
 Acq: 3 Oct 2017 20:48

Tgt Ion: 82 Resp: 332106
 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: 20.00 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.05 min

Lab File: BF099042.D

Acq: 3 Oct 2017 20:48

Instrument :

BNA_F

ClientSampleId :

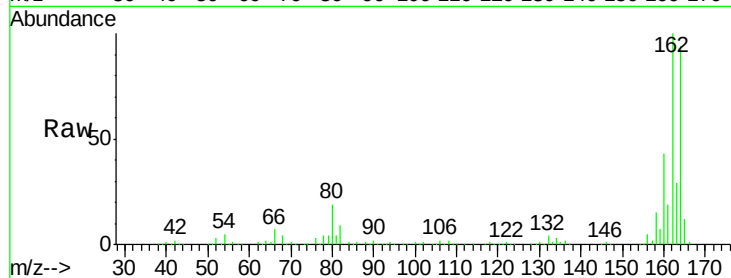
Tot Ion:164 Resp: 224232

Ion Ratio Lower Upper

164 100

162 106.3 86.1 129.1

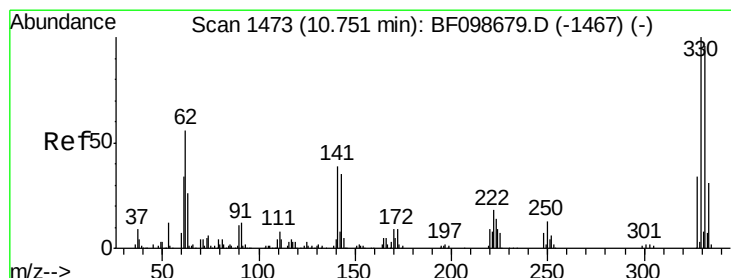
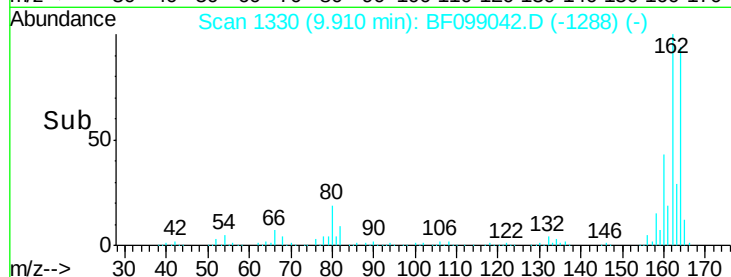
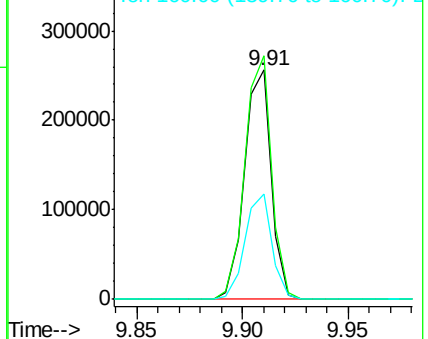
160 45.9 38.3 57.5



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: 19.00 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.06 min

Lab File: BF099042.D

Acq: 3 Oct 2017 20:48

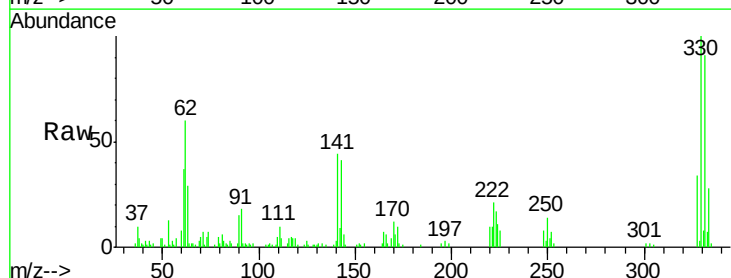
Tgt Ion:330 Resp: 34854

Ion Ratio Lower Upper

330 100

332 94.3 77.0 115.6

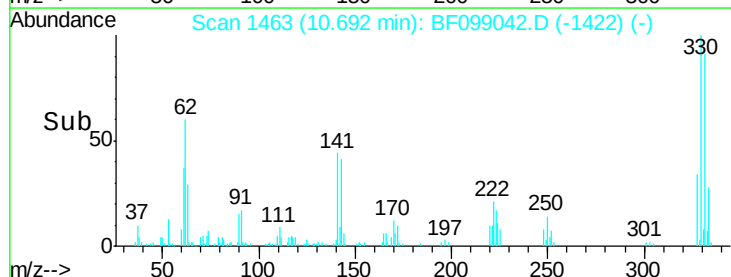
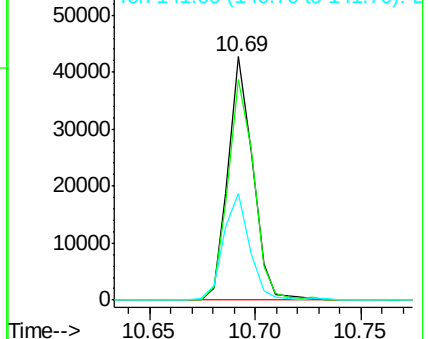
141 45.5 29.9 44.9#

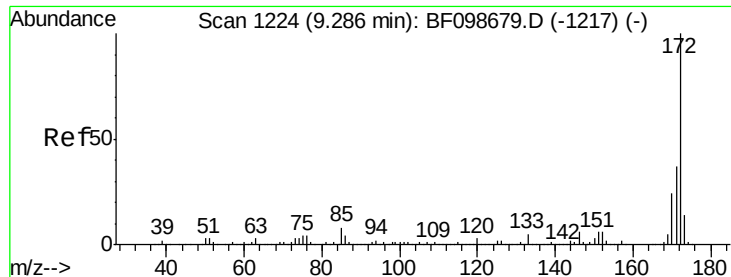


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

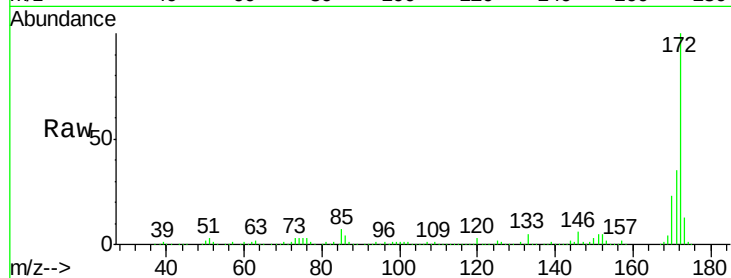




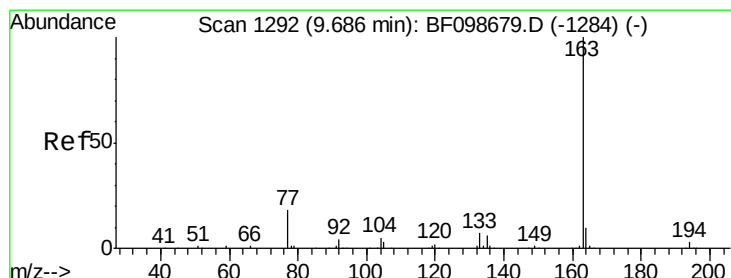
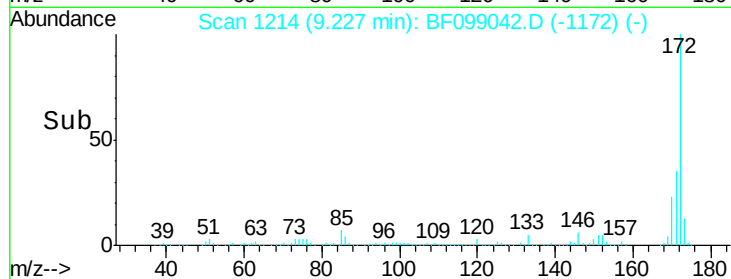
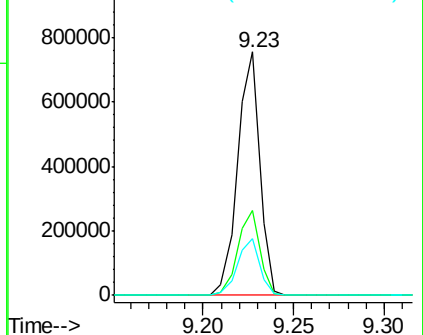
#44
2-Fluorobiphenyl
Concen: 47.85 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.05 min
Lab File: BF099042.D
Acq: 3 Oct 2017 20:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 642668
Ion Ratio Lower Upper
172 100
171 34.8 29.7 44.5
170 23.2 19.6 29.4

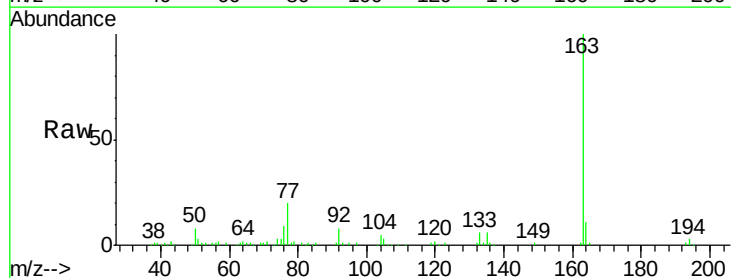


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

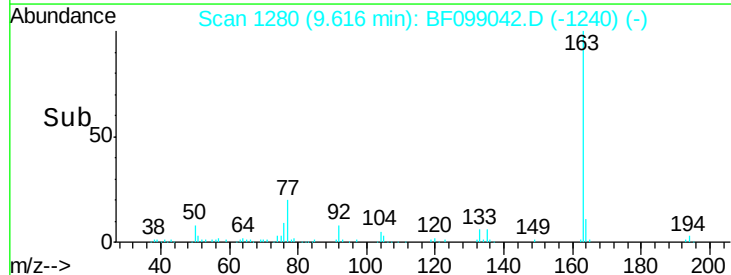
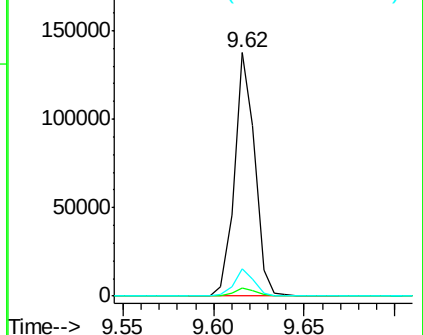


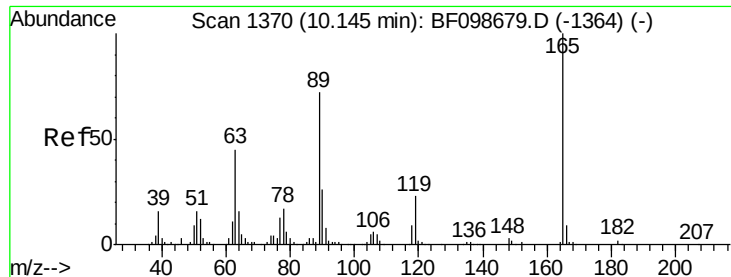
#49
Dimethylphthalate
Concen: 6.35 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.06 min
Lab File: BF099042.D
Acq: 3 Oct 2017 20:48

Tgt Ion:163 Resp: 107391
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 11.1 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

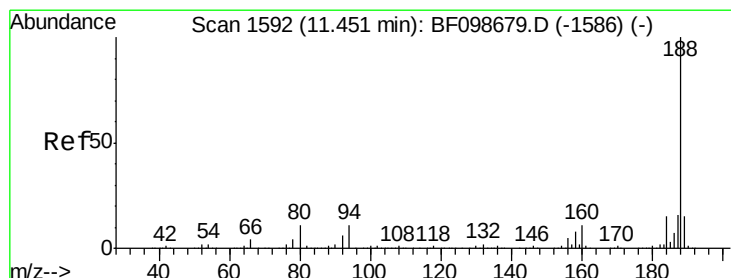
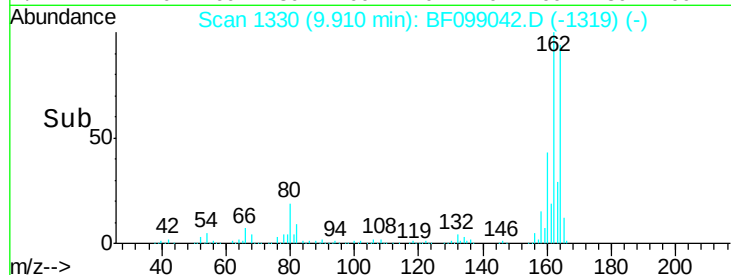
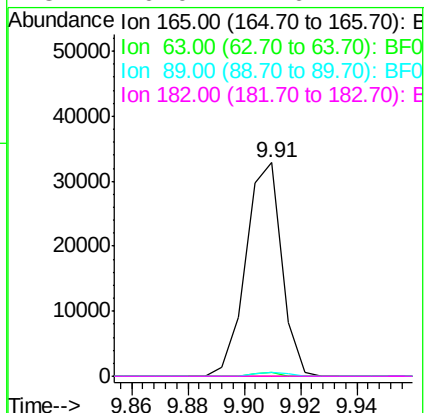
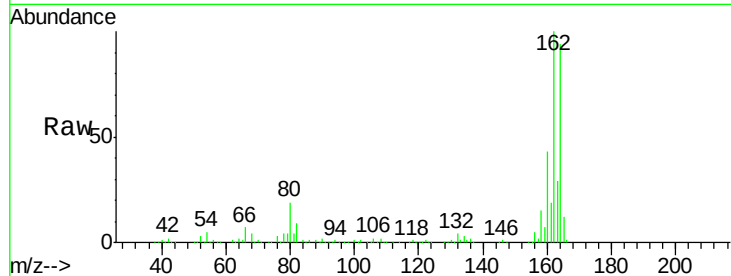




#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.24 min
 Lab File: BF099042.D
 Acq: 3 Oct 2017 20:48

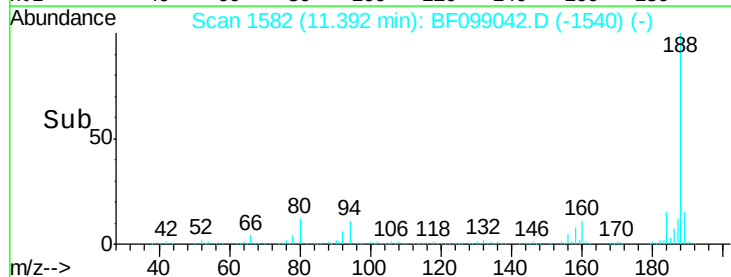
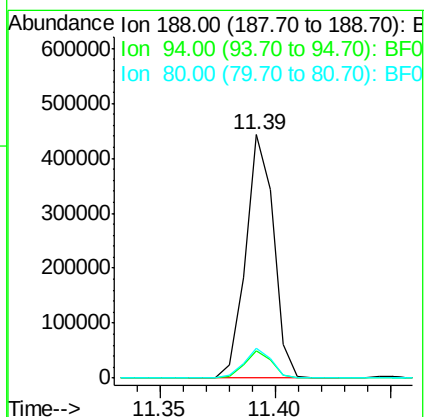
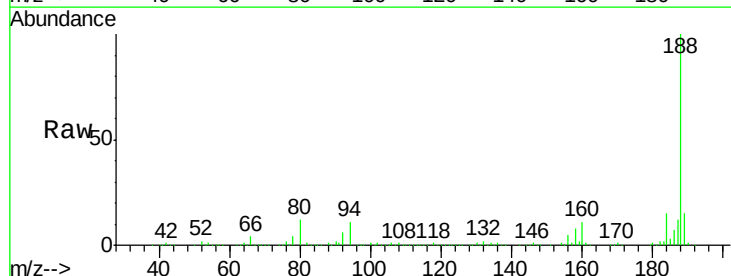
Instrument :
 BNA_F
 ClientSampled :

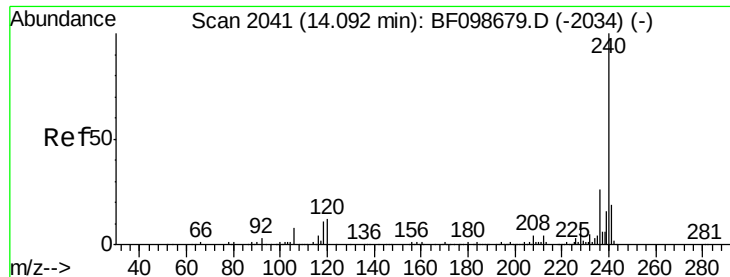
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.05 min
 Lab File: BF099042.D
 Acq: 3 Oct 2017 20:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.4	9.2	13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.05 min

Lab File: BF099042.D

Acq: 3 Oct 2017 20:48

Instrument :

BNA_F

ClientSampled :

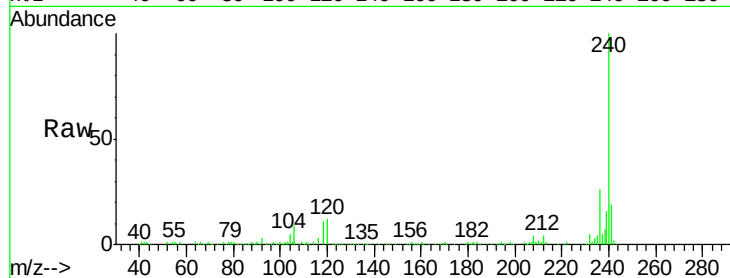
Tot Ion:240 Resp: 204365

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

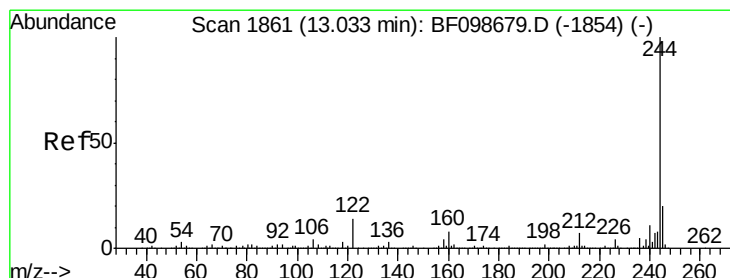
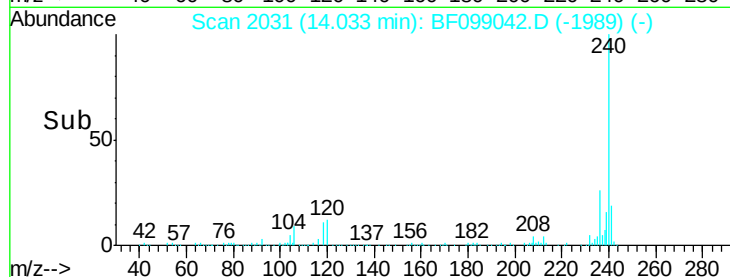
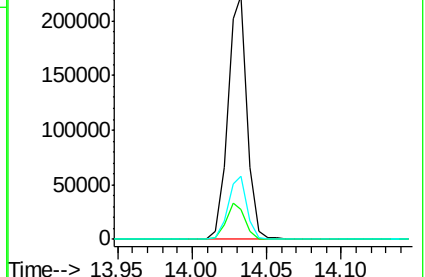
236 26.0 20.7 31.1



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: 48.38 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099042.D

Acq: 3 Oct 2017 20:48

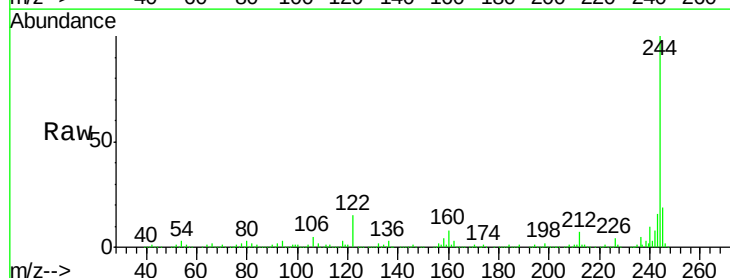
Tgt Ion:244 Resp: 434766

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

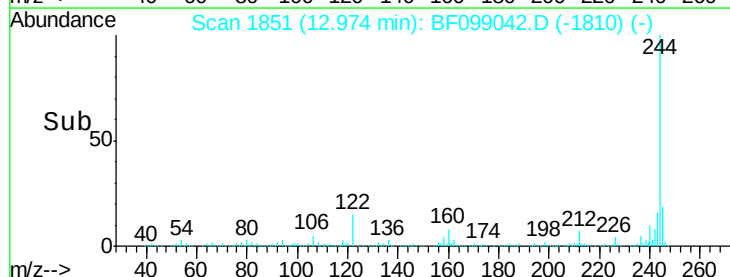
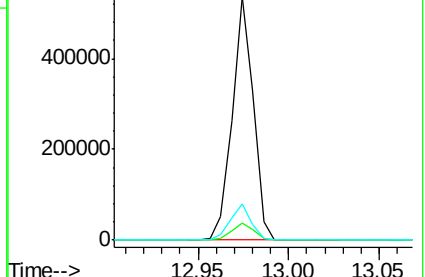
122 15.1 11.0 16.4

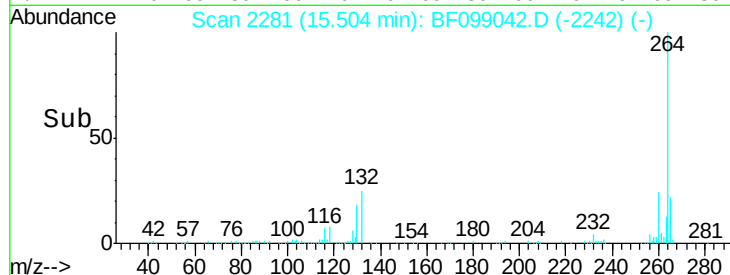
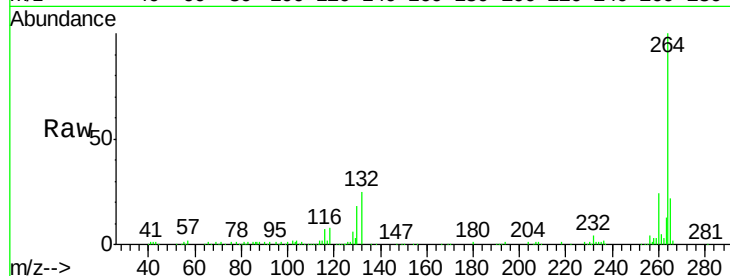
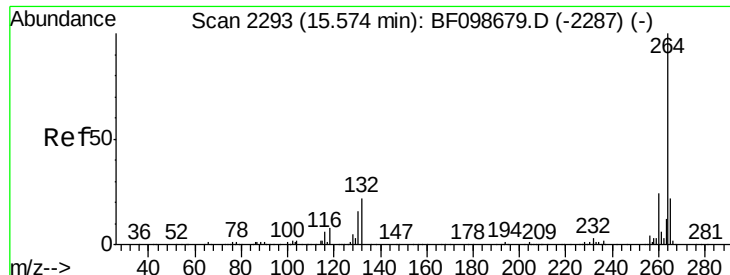


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.07 min
Lab File: BF099042.D
Acq: 3 Oct 2017 20:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	183798
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.5	26.3

