

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099040.D
 Acq On : 3 Oct 2017 19:53
 Operator : SJ/JU
 Sample : I5496-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 00:40:03 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

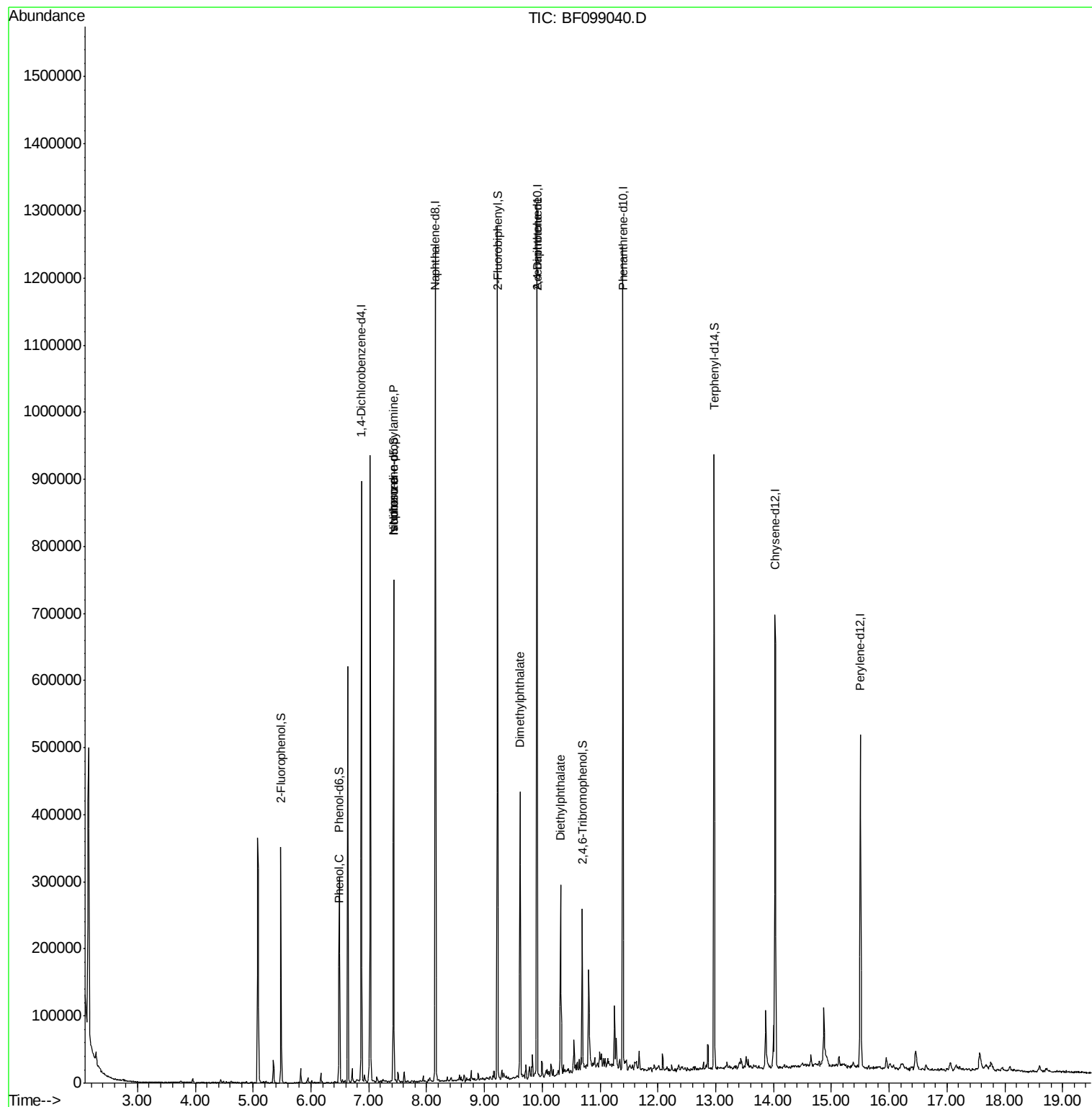
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	133902	20.00	ng	-0.05
21) Naphthalene-d8	8.15	136	546000	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	245265	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	408072	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	223655	20.00	ng	-0.06
86) Perylene-d12	15.50	264	202767	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	90770	10.79	ng	-0.06
7) Phenol-d6	6.49	99	87872	8.47	ng	-0.06
23) Nitrobenzene-d5	7.43	82	222292	26.11	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	21465	10.70	ng	-0.06
44) 2-Fluorobiphenyl	9.23	172	407988	27.77	ng	-0.05
78) Terphenyl-d14	12.97	244	254183	25.85	ng	-0.06
Target Compounds						
10) Phenol	6.50	94	50690	4.37	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.43	70	29117	4.40	ng	# 77
25) Isophorone	7.43	82	221251	12.57	ng	# 64
49) Dimethylphthalate	9.62	163	149740	8.09	ng	100
56) 2,4-Dinitrotoluene	9.91	165	30969	5.92	ng	# 23
59) Diethylphthalate	10.32	149	86030	4.76	ng	99

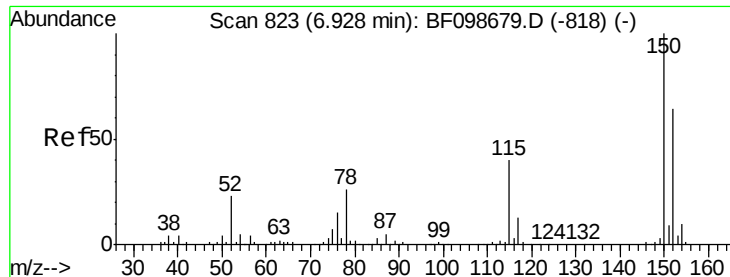
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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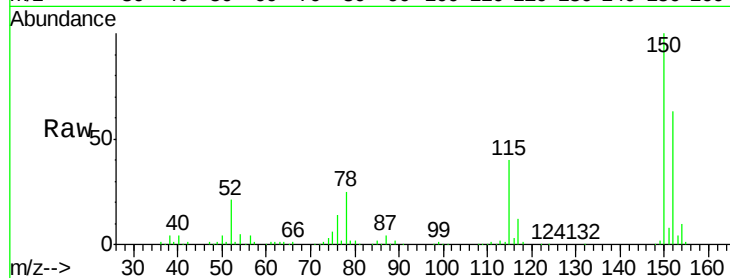


#1

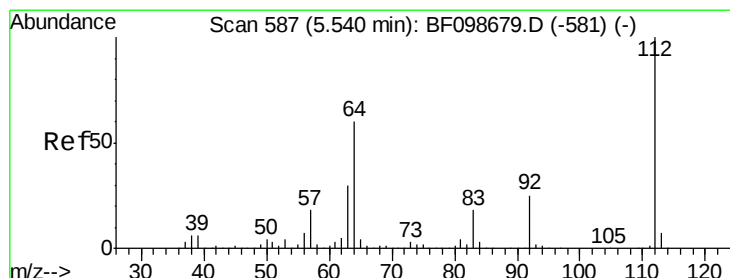
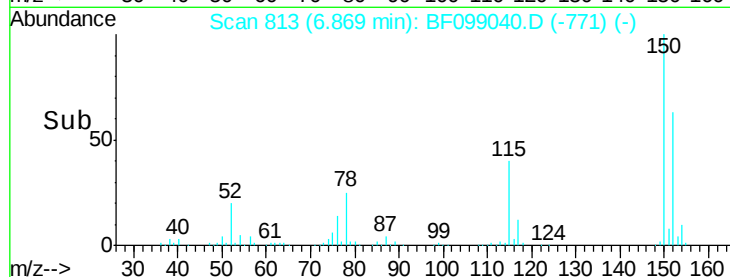
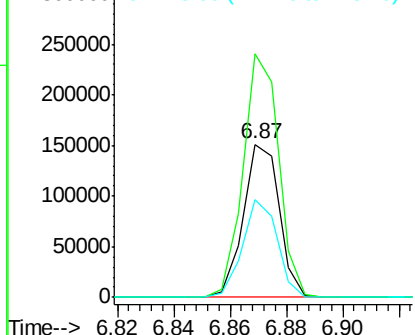
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF099040.D
Acq: 3 Oct 2017 19:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133902
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 64.0 50.1 75.1



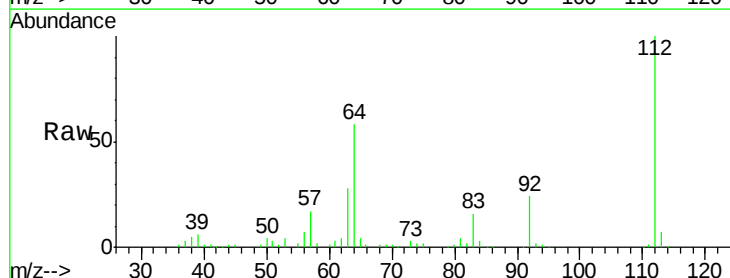
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



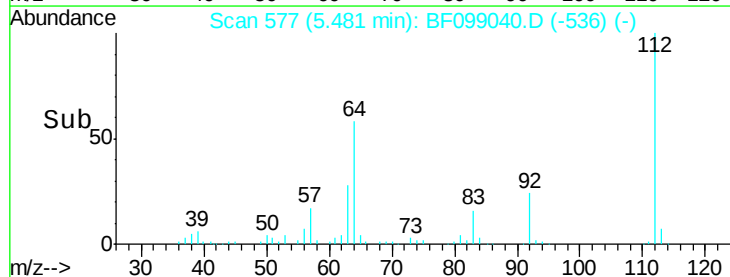
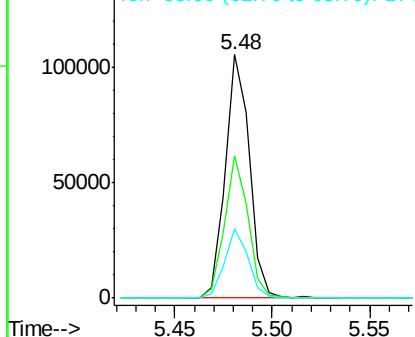
#5

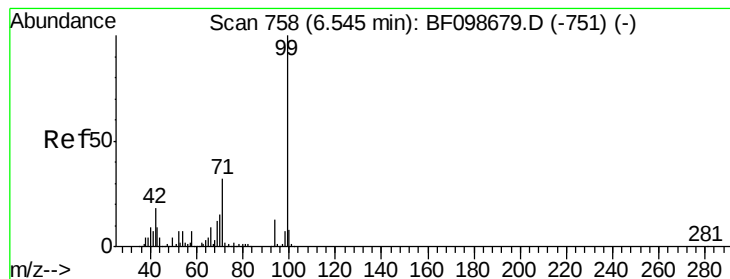
2-Fluorophenol
Concen: 10.79 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.06 min
Lab File: BF099040.D
Acq: 3 Oct 2017 19:53

Tgt Ion:112 Resp: 90770
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 28.5 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: 8.47 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF099040.D

Acq: 3 Oct 2017 19:53

Instrument :

BNA_F

ClientSampled :

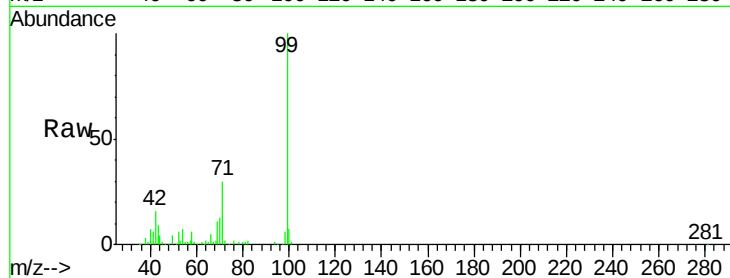
Tot Ion: 99 Resp: 87872

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

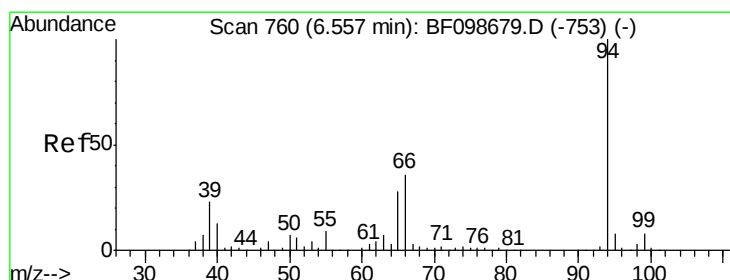
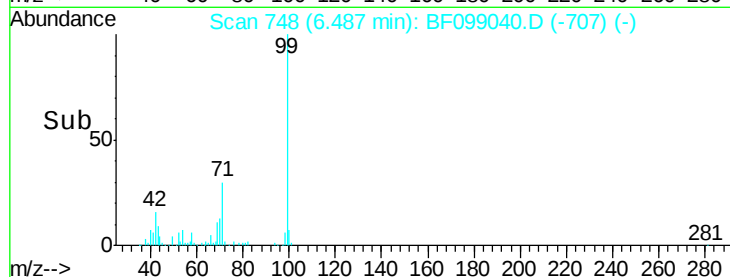
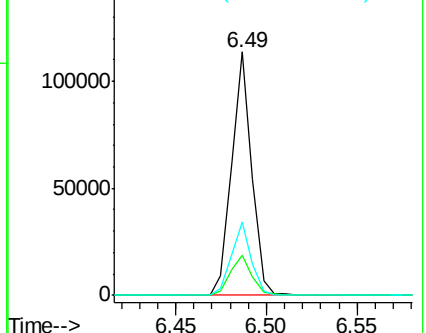
71 30.1 25.4 38.0



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: 4.37 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.06 min

Lab File: BF099040.D

Acq: 3 Oct 2017 19:53

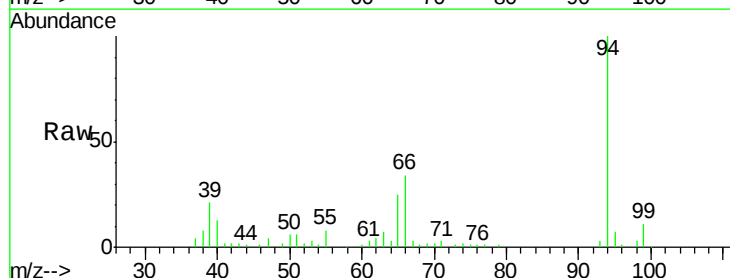
Tgt Ion: 94 Resp: 50690

Ion Ratio Lower Upper

94 100

65 24.8 7.9 47.9

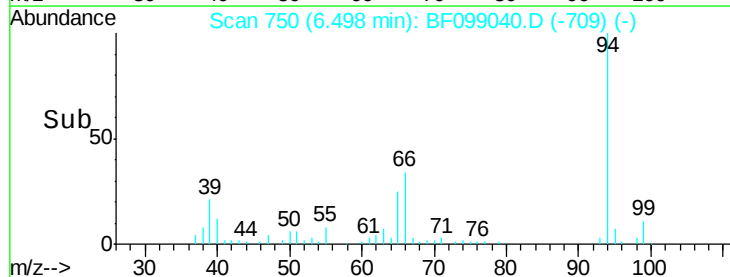
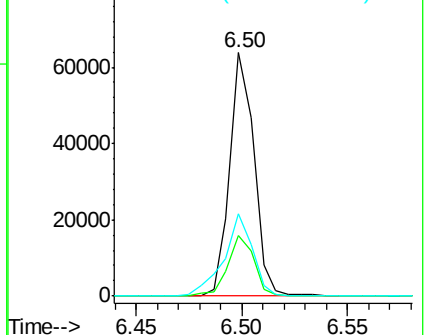
66 33.6 16.2 56.2



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

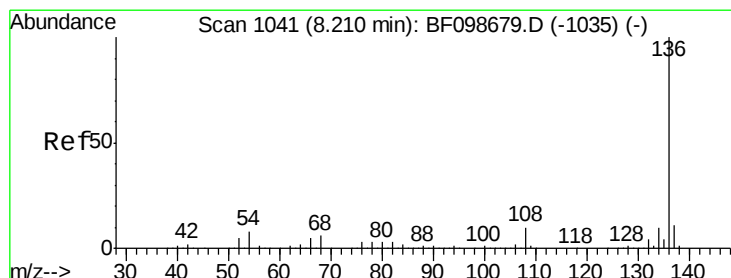
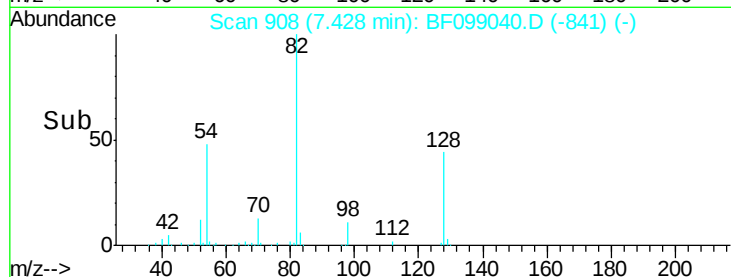
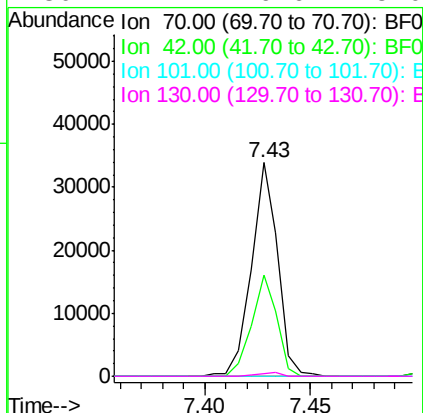
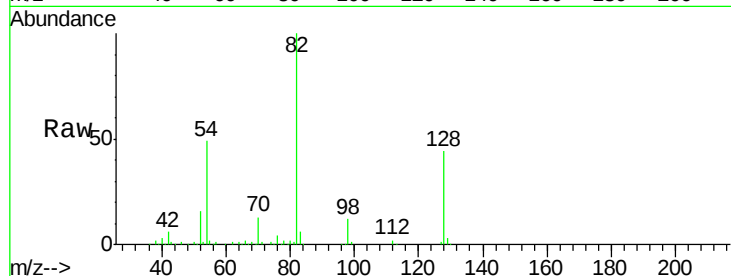




#19
n-Nitroso-di-n-propylamine
Concen: 4.40 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.09 min
Lab File: BF099040.D
Acq: 3 Oct 2017 19:53

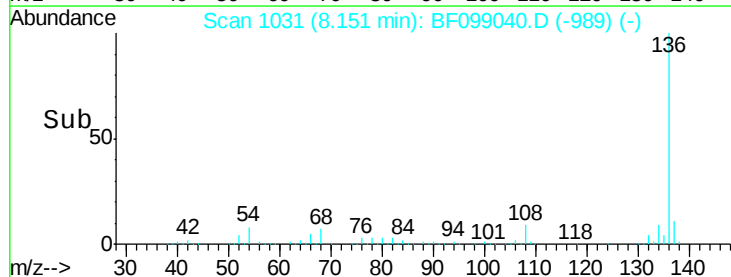
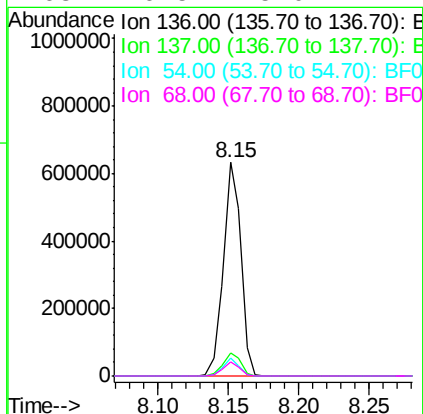
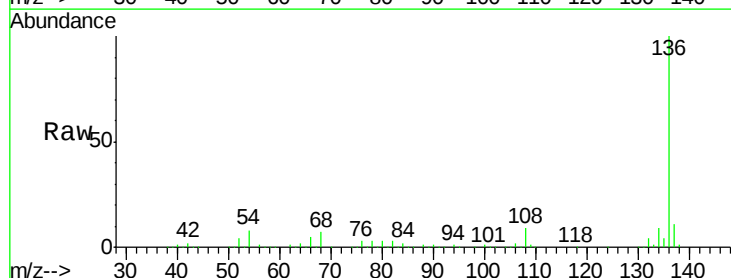
Instrument :
BNA_F
ClientSampled :

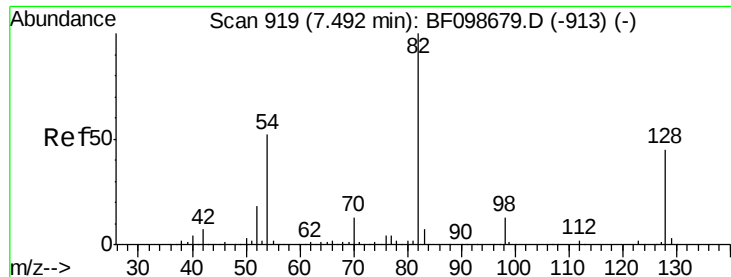
Tot Ion: 70 Resp: 29117
Ion Ratio Lower Upper
70 100
42 47.3 47.5 71.3#
101 0.0 7.4 11.2#
130 1.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF099040.D
Acq: 3 Oct 2017 19:53

Tgt Ion: 136 Resp: 546000
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.2 6.6 9.8
68 6.5 5.0 7.4

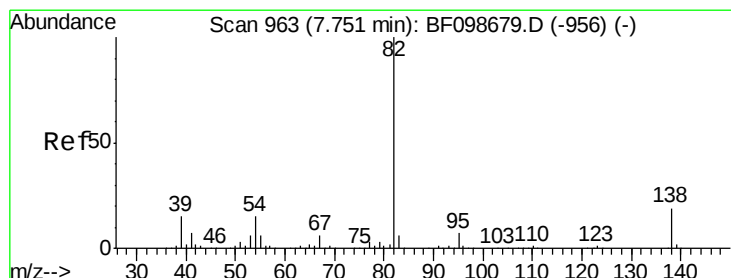
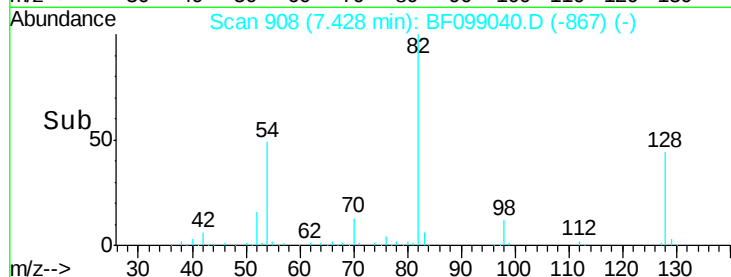
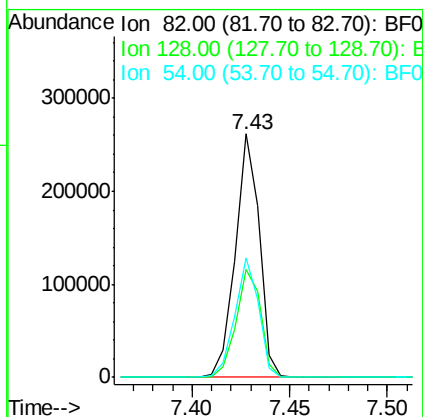
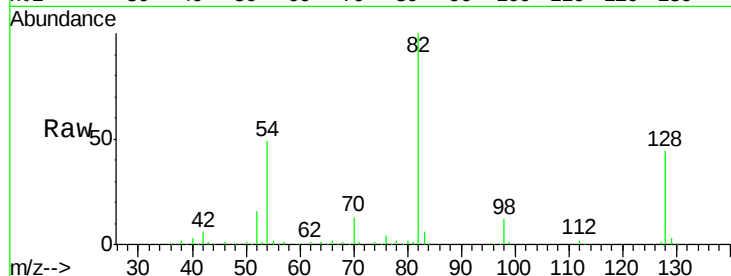




#23
Nitrobenzene-d5
Concen: 26.11 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099040.D
Acq: 3 Oct 2017 19:53

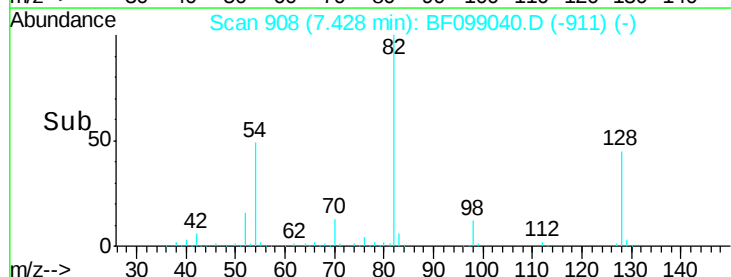
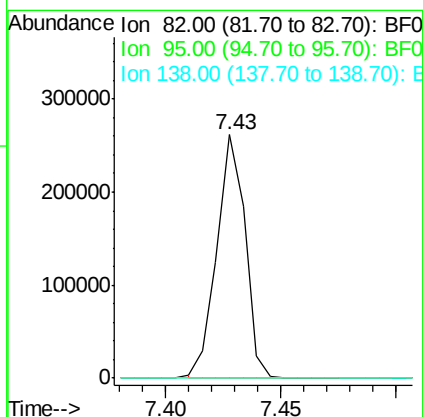
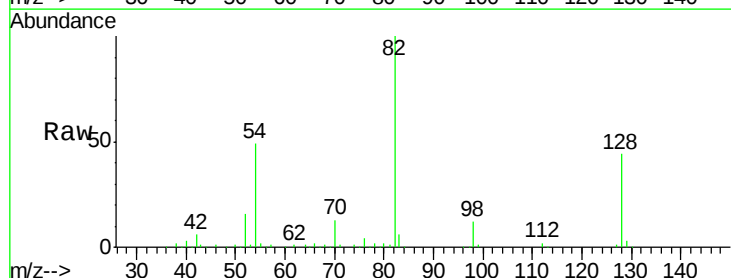
Instrument :
BNA_F
ClientSampled :

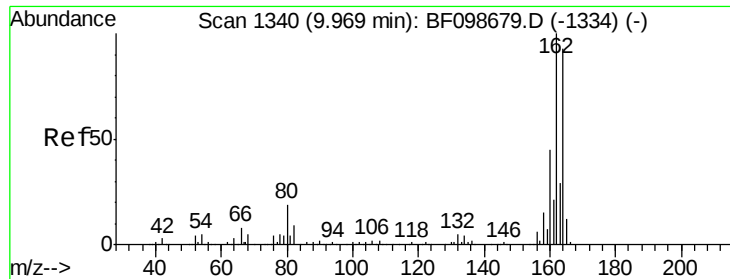
Tot Ion: 82 Resp: 222292
Ion Ratio Lower Upper
82 100
128 44.5 36.1 54.1
54 49.1 41.4 62.2



#25
Isophorone
Concen: 12.57 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.32 min
Lab File: BF099040.D
Acq: 3 Oct 2017 19:53

Tgt Ion: 82 Resp: 221251
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

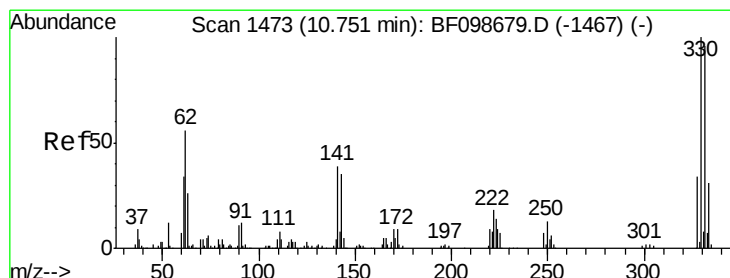
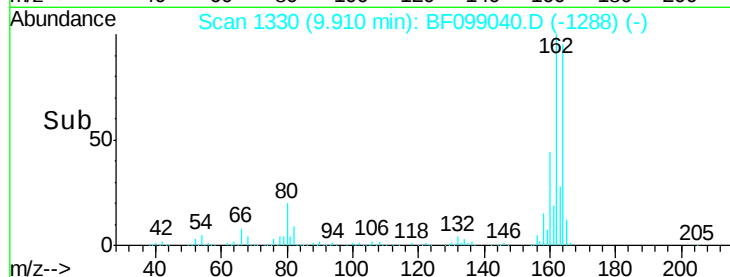
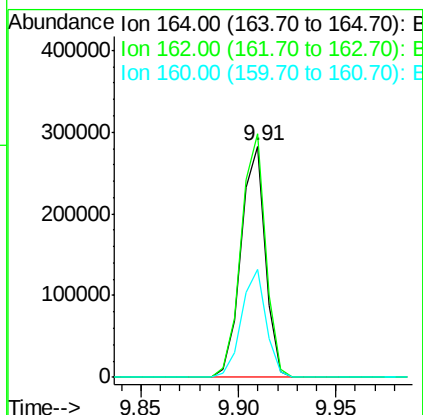
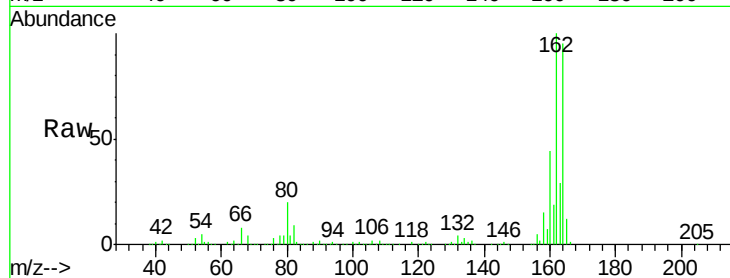




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.05 min
 Lab File: BF099040.D
 Acq: 3 Oct 2017 19:53

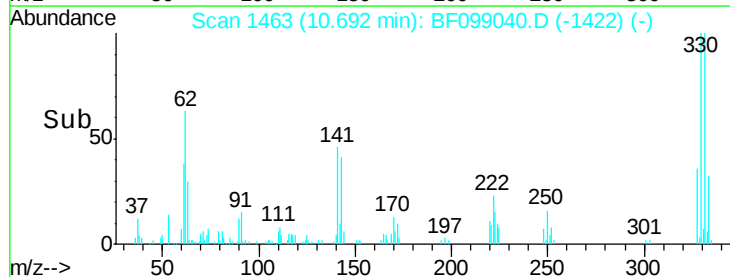
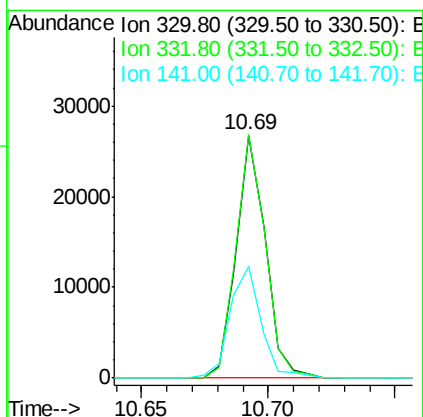
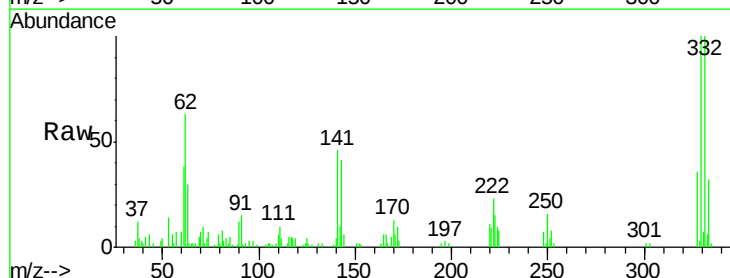
Instrument :
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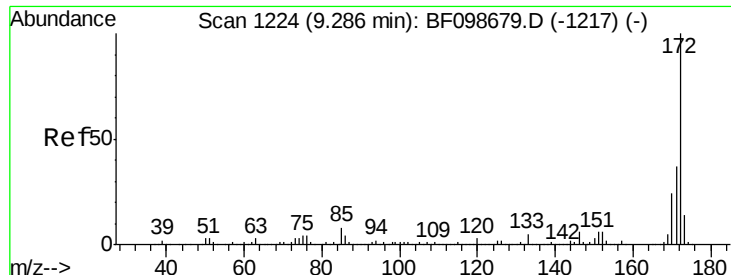
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.6	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 10.70 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099040.D
 Acq: 3 Oct 2017 19:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.1	77.0	115.6
141	49.2	29.9	44.9

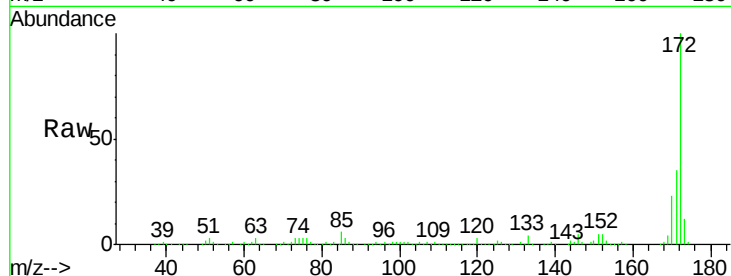




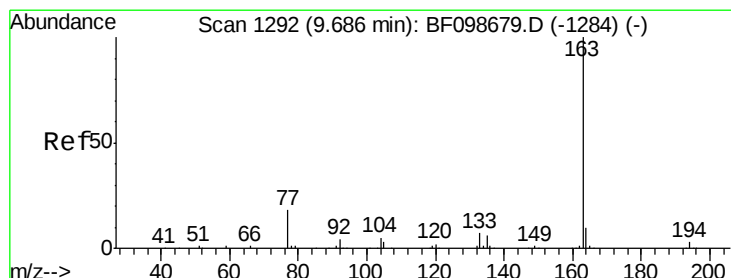
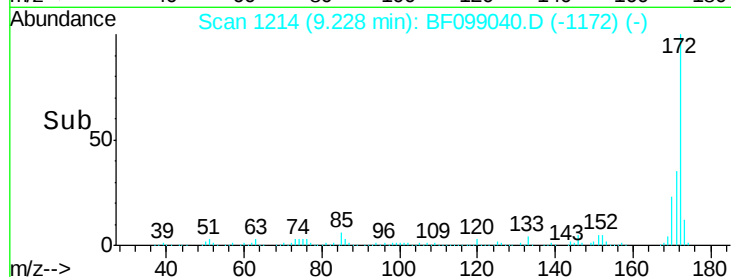
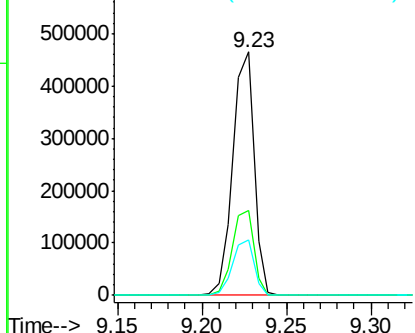
#44
2-Fluorobiphenyl
Concen: 27.77 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.05 min
Lab File: BF099040.D
Acq: 3 Oct 2017 19:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 407988
Ion Ratio Lower Upper
172 100
171 35.0 29.7 44.5
170 22.8 19.6 29.4

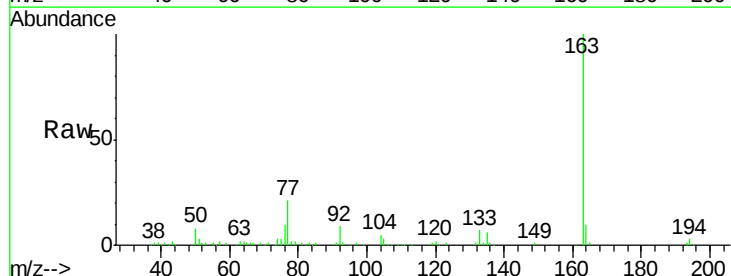


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

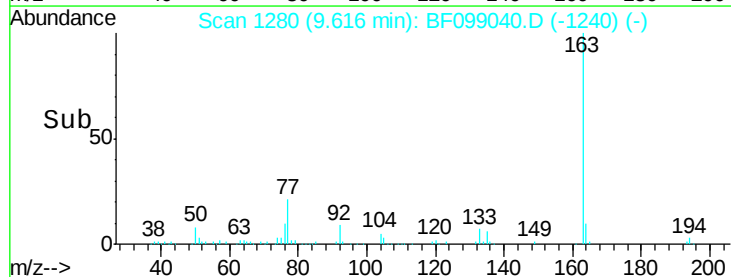
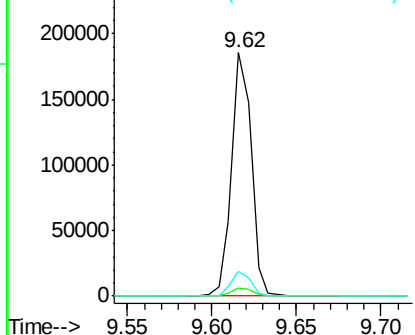


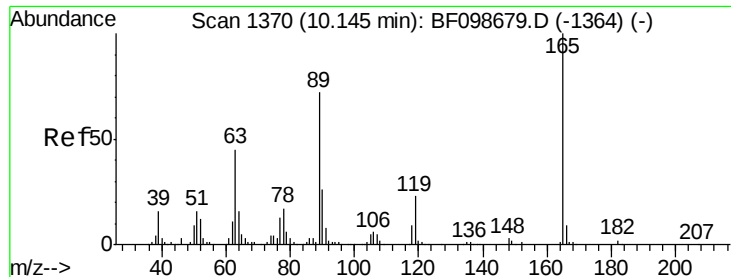
#49
Dimethylphthalate
Concen: 8.09 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.06 min
Lab File: BF099040.D
Acq: 3 Oct 2017 19:53

Tgt Ion:163 Resp: 149740
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.1 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

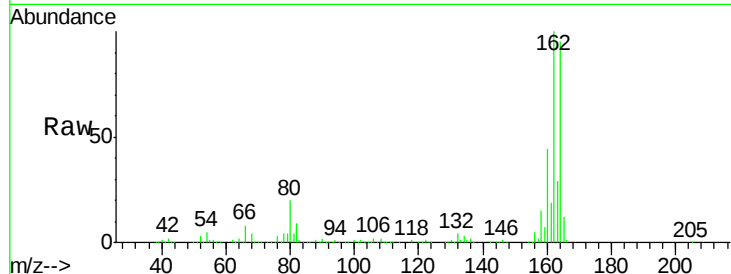




#56
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.24 min
Lab File: BF099040.D
Acq: 3 Oct 2017 19:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

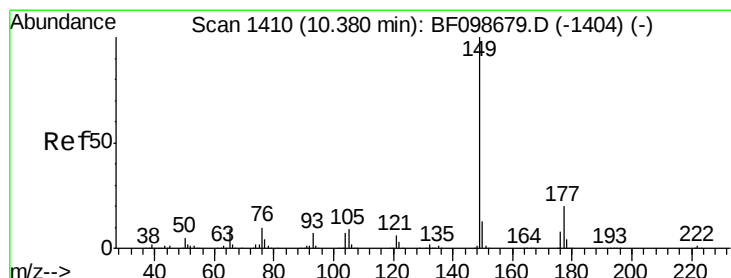
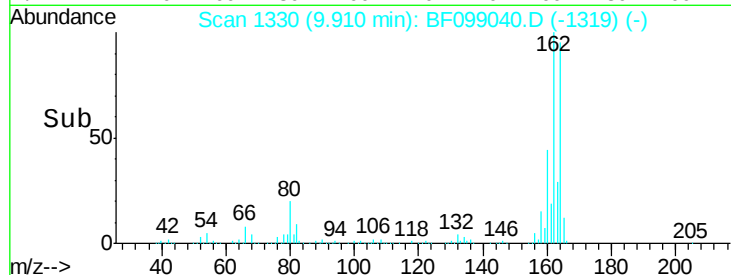
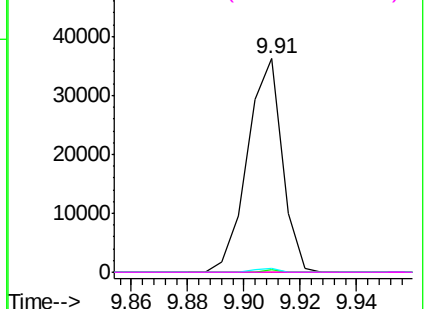


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

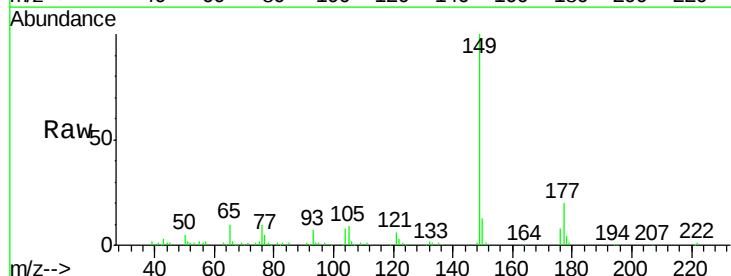
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#59
Diethylphthalate
Concen: 4.76 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.06 min
Lab File: BF099040.D
Acq: 3 Oct 2017 19:53

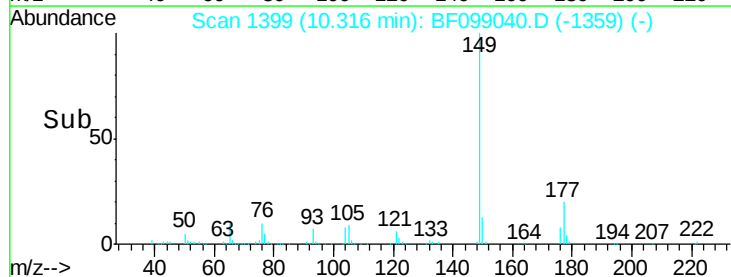
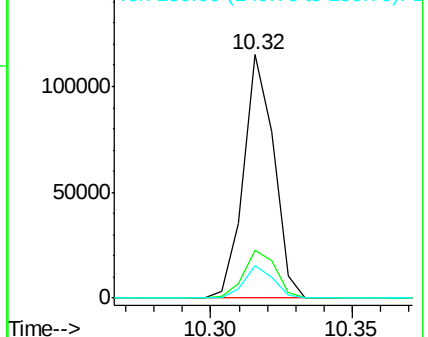
Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.8	16.1	24.1
150	13.3	10.1	15.1

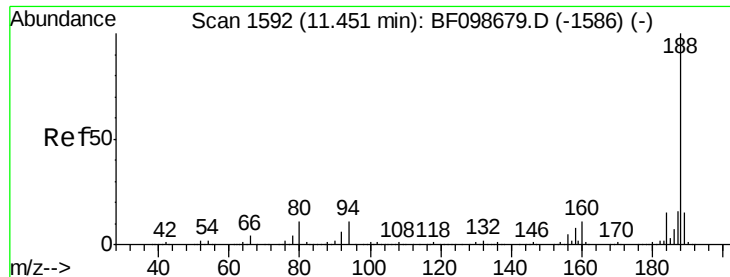


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

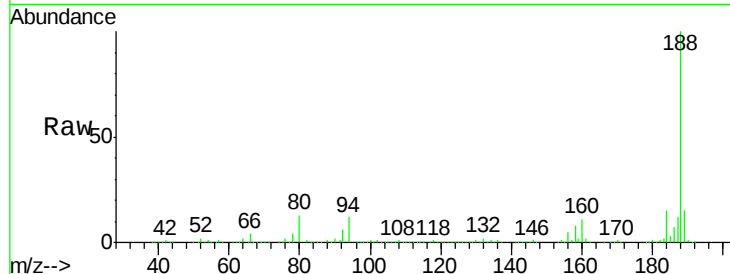




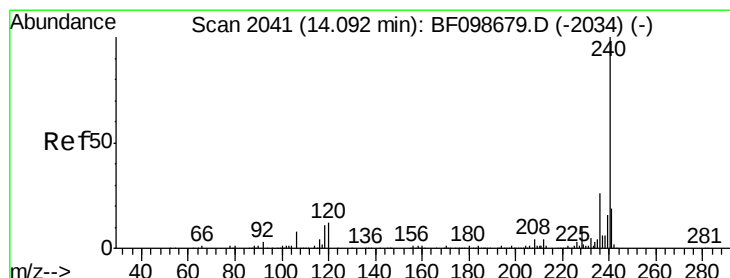
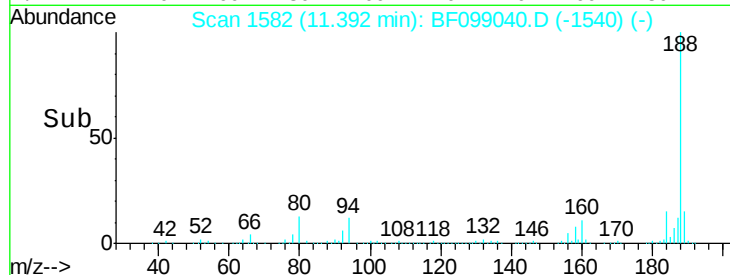
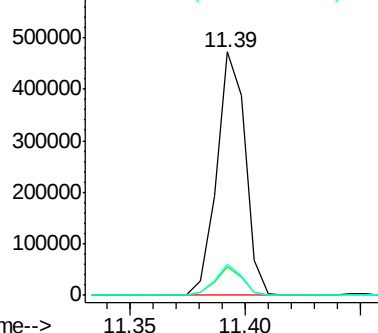
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.05 min
Lab File: BF099040.D
Acq: 3 Oct 2017 19:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 408072
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.8 9.2 13.8

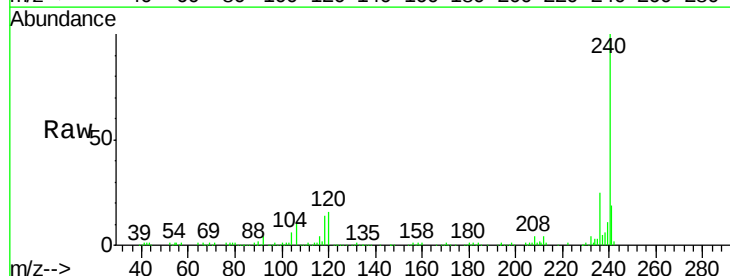


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

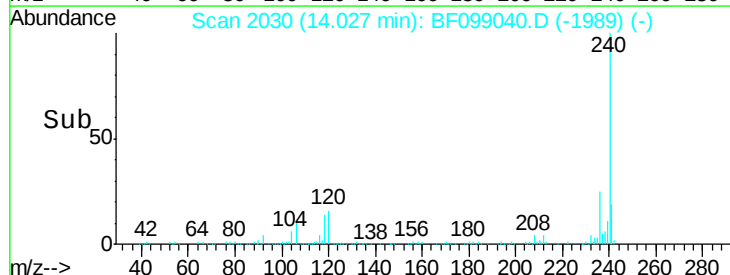
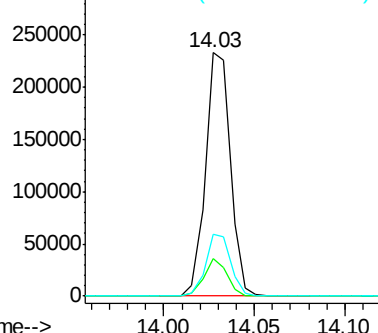


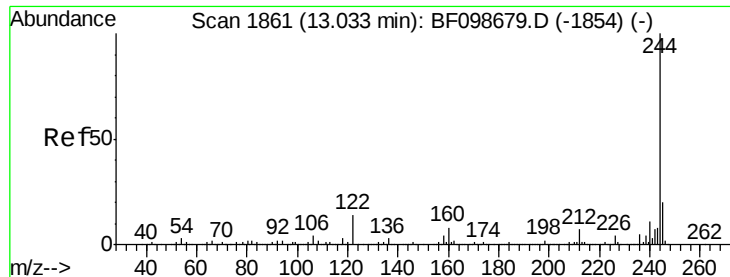
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.06 min
Lab File: BF099040.D
Acq: 3 Oct 2017 19:53

Tgt Ion:240 Resp: 223655
Ion Ratio Lower Upper
240 100
120 15.5 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

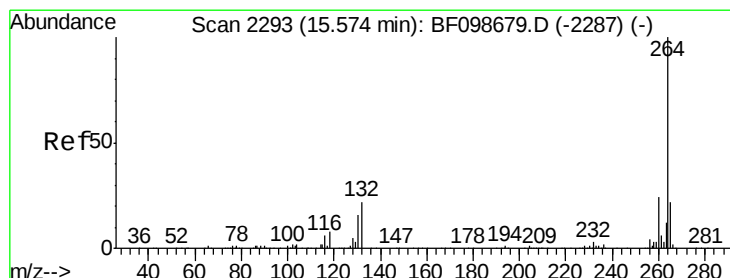
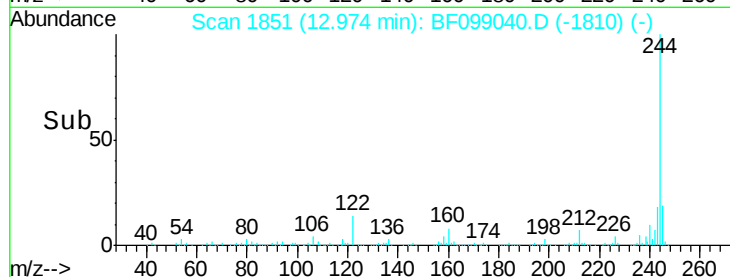
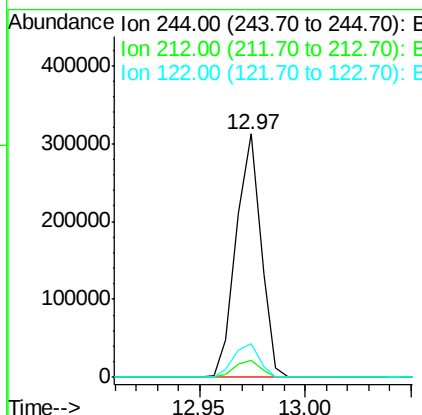
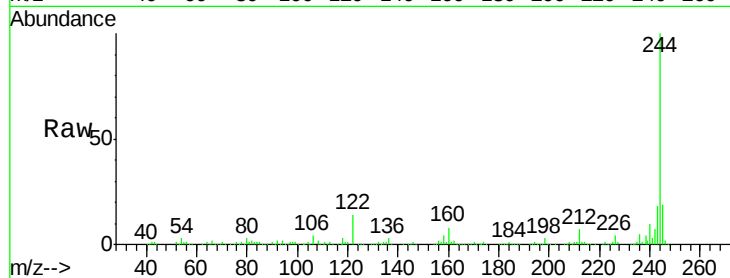




#78
 Terphenyl-d14
 Concen: 25.85 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.06 min
 Lab File: BF099040.D
 Acq: 3 Oct 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 254183
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.07 min
 Lab File: BF099040.D
 Acq: 3 Oct 2017 19:53

Tgt Ion:264 Resp: 202767
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.5 17.5 26.3

