

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099041.D
 Acq On : 3 Oct 2017 20:21
 Operator : SJ/JU
 Sample : I5496-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 00:40:22 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

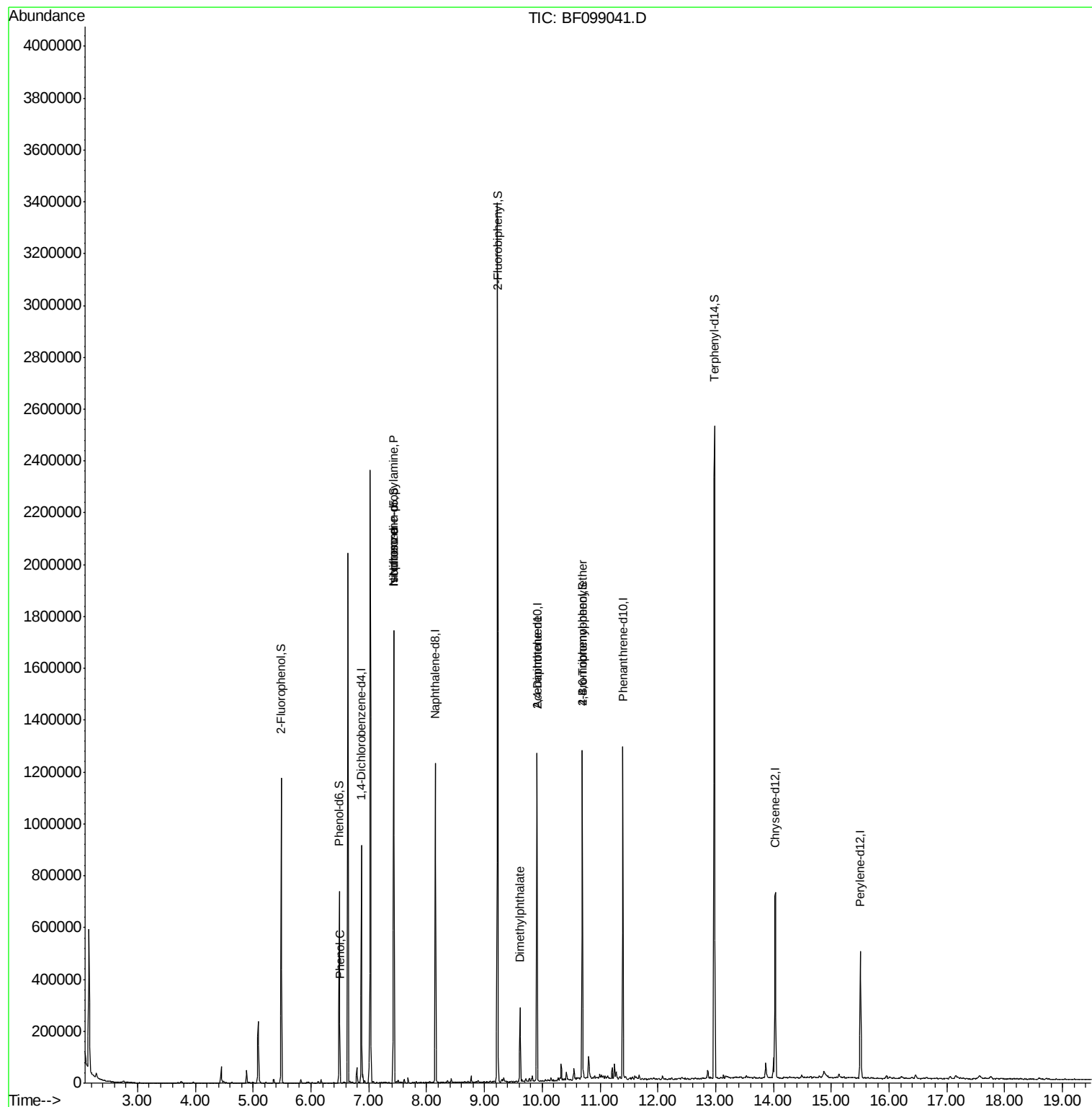
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	132214	20.00	ng	-0.05
21) Naphthalene-d8	8.15	136	540812	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	243412	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	415236	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	240099	20.00	ng	-0.05
86) Perylene-d12	15.50	264	204023	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	309468	37.26	ng	-0.05
7) Phenol-d6	6.49	99	232040	22.65	ng	-0.06
23) Nitrobenzene-d5	7.43	82	576743	68.39	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	143281	71.94	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	1049770	72.00	ng	-0.05
78) Terphenyl-d14	12.98	244	804393	76.19	ng	-0.05
Target Compounds						
10) Phenol	6.50	94	40919	3.57	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.43	70	74326	11.36	ng	# 75
25) Isophorone	7.43	82	574933	32.98	ng	# 64
49) Dimethylphthalate	9.62	163	97039	5.28	ng	99
56) 2,4-Dinitrotoluene	9.91	165	30951	5.96	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	10200	2.51	ng	# 1

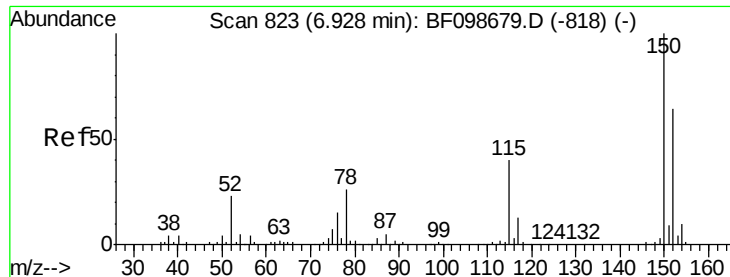
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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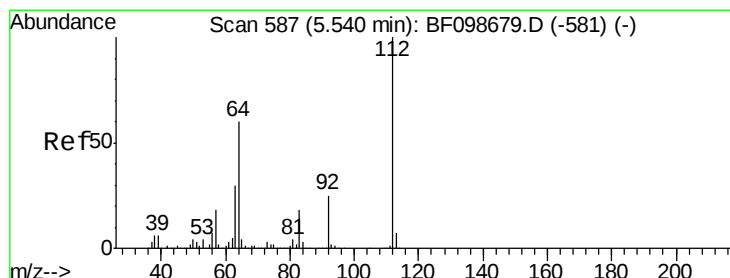
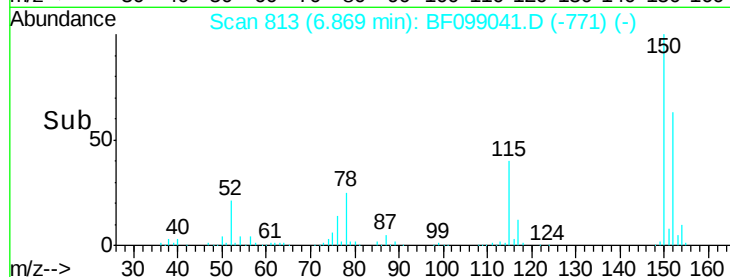
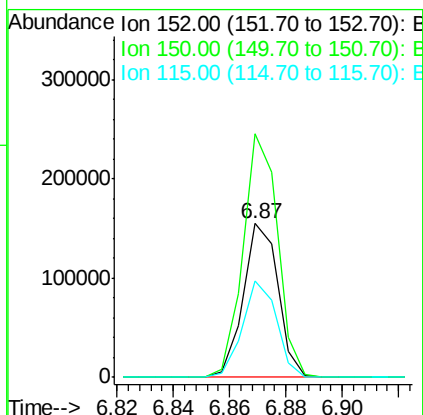
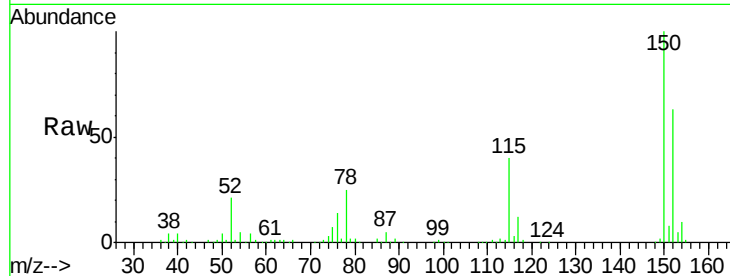


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF099041.D
 Acq: 3 Oct 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

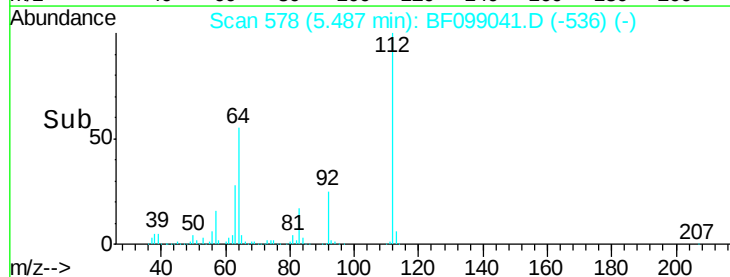
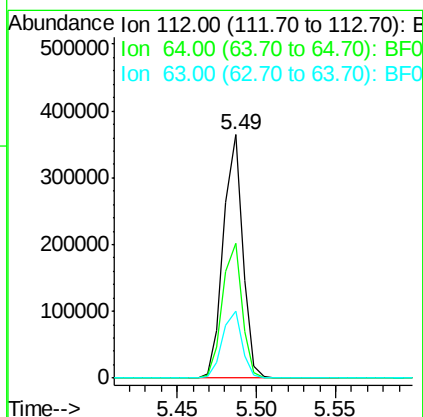
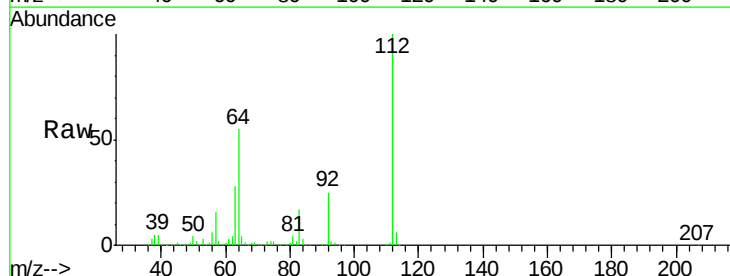
Tot Ion:152 Resp: 132214
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.6 186.8
 115 63.3 50.1 75.1



#5

2-Fluorophenol
 Concen: 37.26 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.05 min
 Lab File: BF099041.D
 Acq: 3 Oct 2017 20:21

Tgt Ion:112 Resp: 309468
 Ion Ratio Lower Upper
 112 100
 64 55.3 47.9 71.9
 63 27.6 23.7 35.5





#7

Phenol-d6

Concen: 22.65 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF099041.D

Acq: 3 Oct 2017 20:21

Instrument :

BNA_F

ClientSampleId :

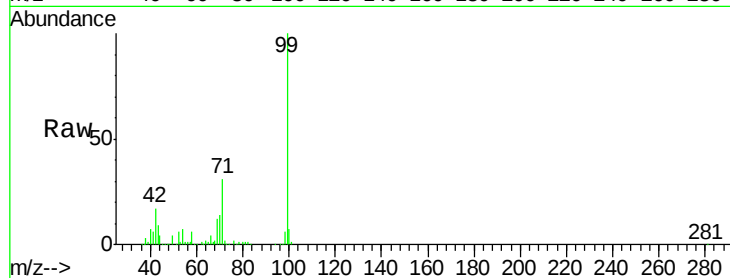
Tot Ion: 99 Resp: 232040

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

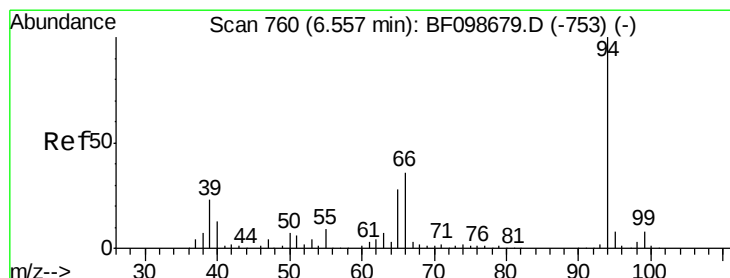
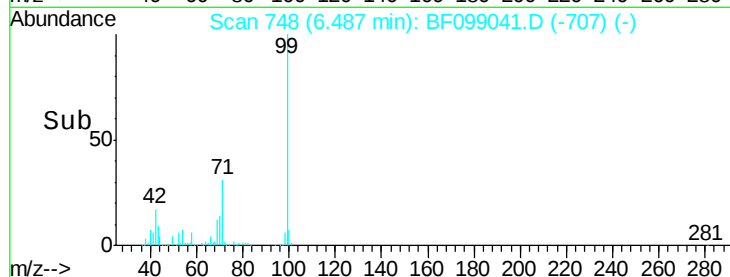
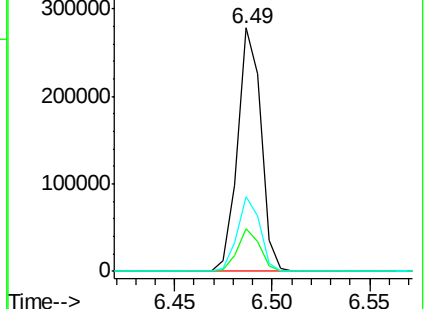
71 30.6 25.4 38.0



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



#10

Phenol

Concen: 3.57 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.05 min

Lab File: BF099041.D

Acq: 3 Oct 2017 20:21

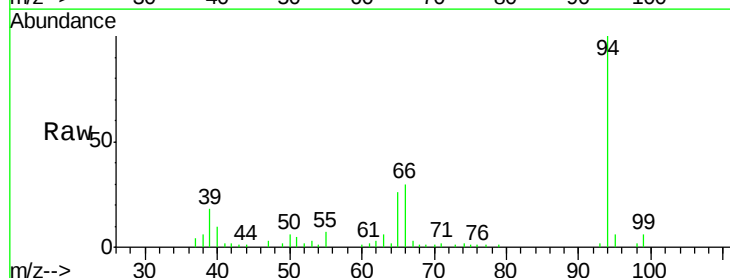
Tgt Ion: 94 Resp: 40919

Ion Ratio Lower Upper

94 100

65 25.6 7.9 47.9

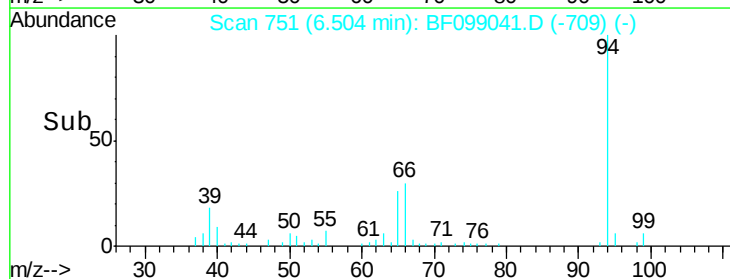
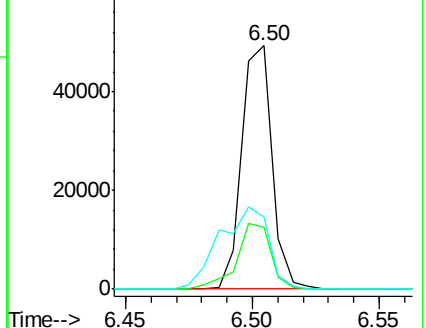
66 29.9 16.2 56.2



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

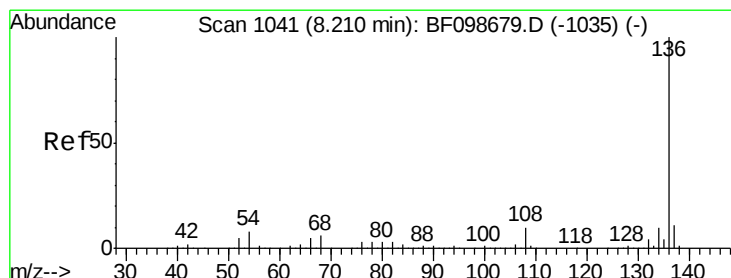
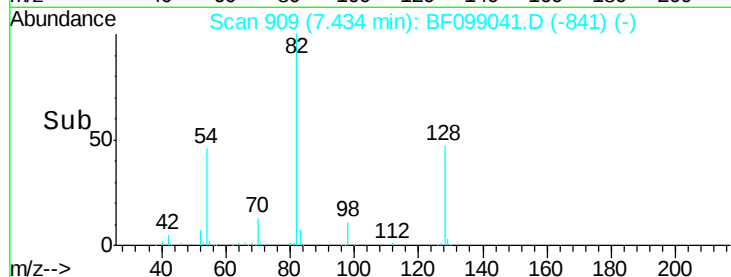
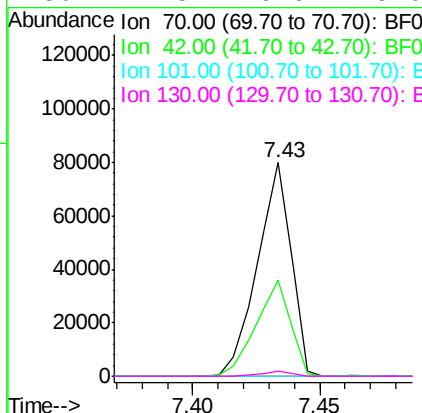
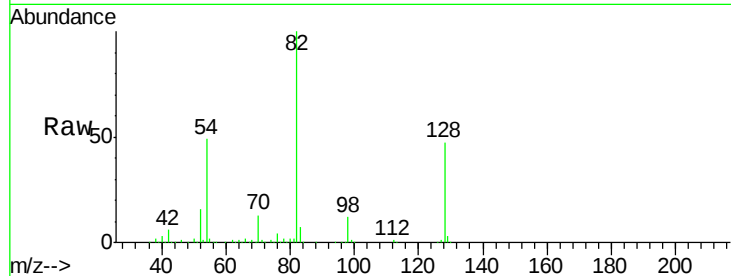




#19
n-Nitroso-di-n-propylamine
Concen: 11.36 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.10 min
Lab File: BF099041.D
Acq: 3 Oct 2017 20:21

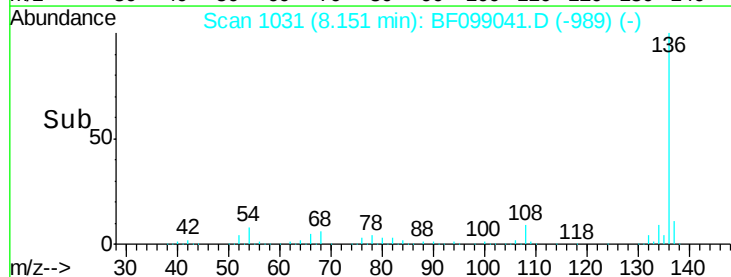
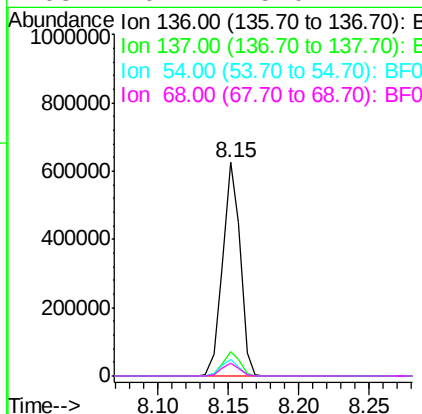
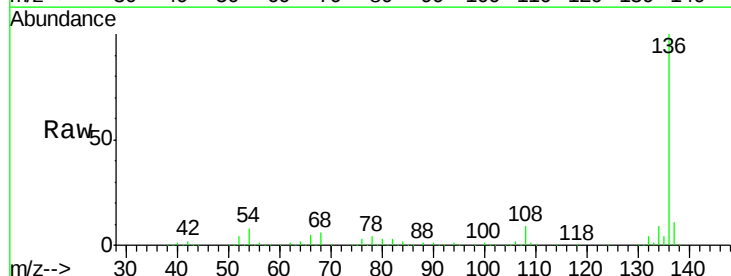
Instrument :
BNA_F
ClientSampleId :

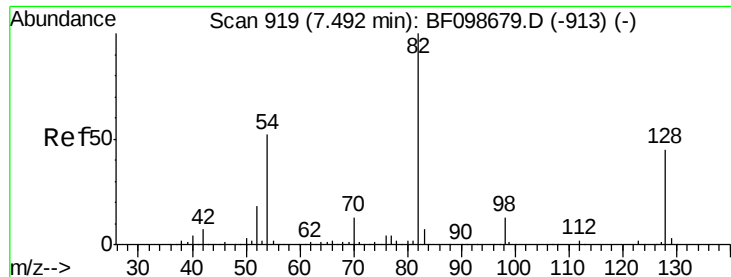
Tot Ion: 70 Resp: 74326
Ion Ratio Lower Upper
70 100
42 45.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF099041.D
Acq: 3 Oct 2017 20:21

Tgt Ion: 136 Resp: 540812
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.0 6.6 9.8
68 6.2 5.0 7.4

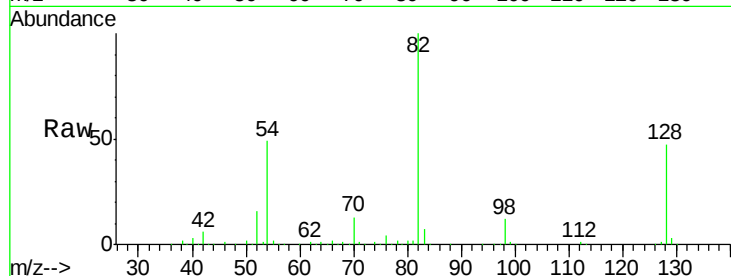




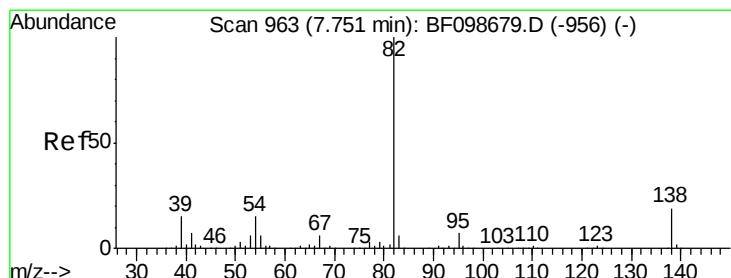
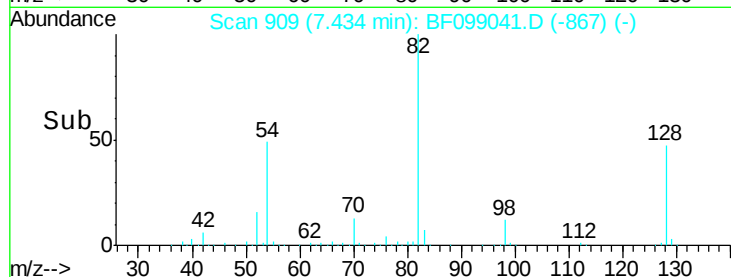
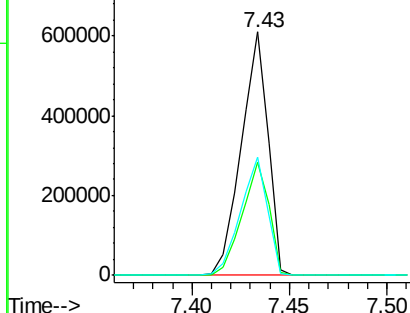
#23
Nitrobenzene-d5
Concen: 68.39 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.05 min
Lab File: BF099041.D
Acq: 3 Oct 2017 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 576743
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 48.6 41.4 62.2

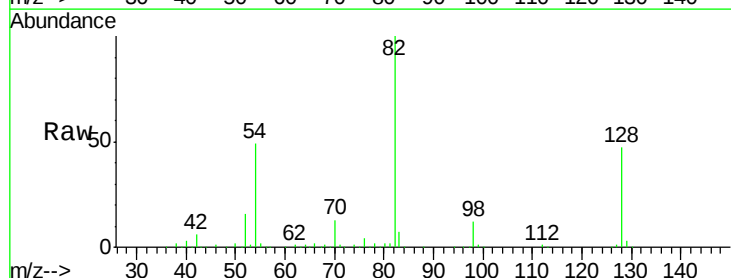


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

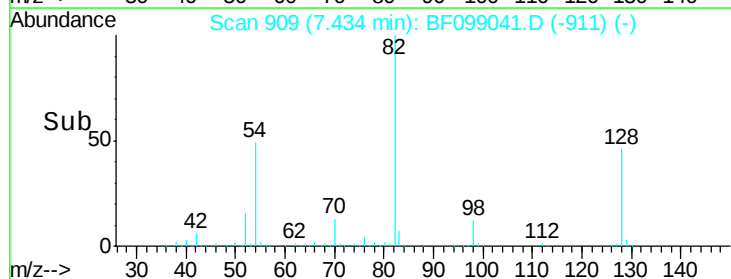
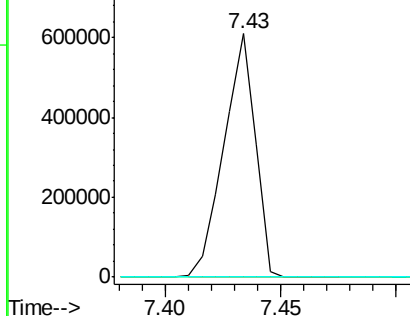


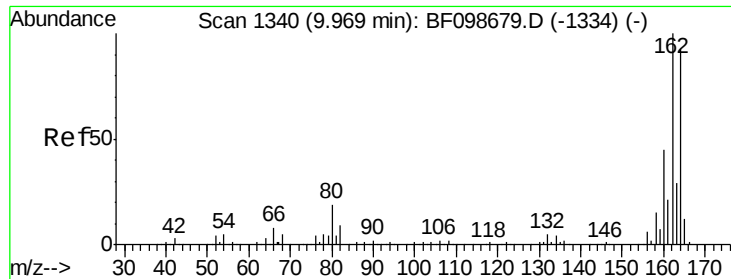
#25
Isophorone
Concen: 32.98 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.31 min
Lab File: BF099041.D
Acq: 3 Oct 2017 20:21

Tgt Ion: 82 Resp: 574933
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

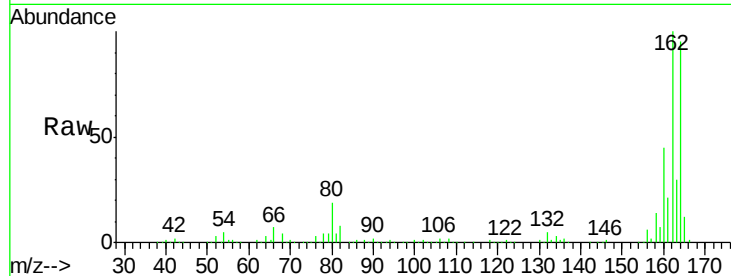




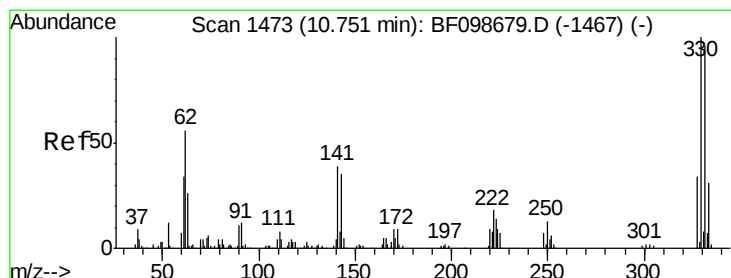
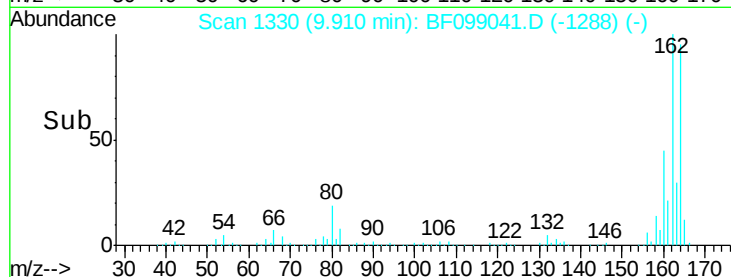
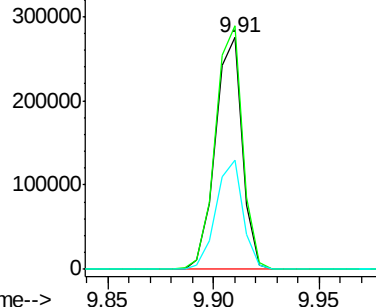
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.05 min
 Lab File: BF099041.D
 Acq: 3 Oct 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 243412
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 47.3 38.3 57.5

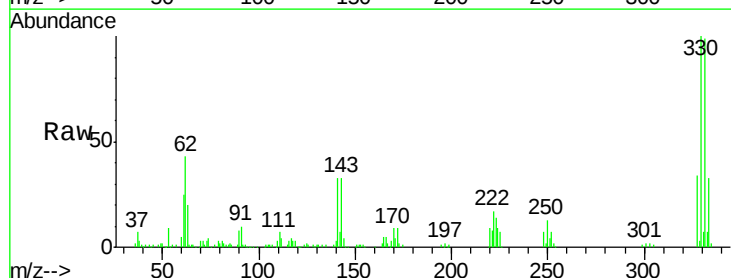


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

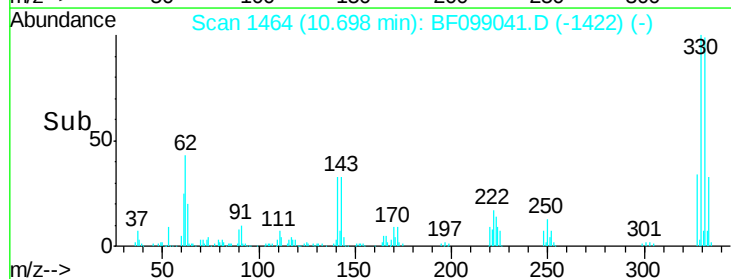
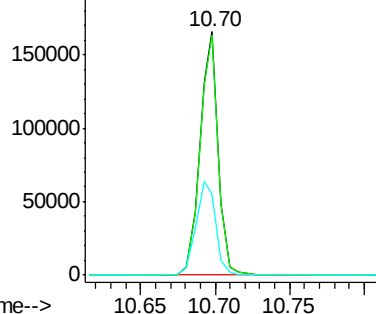


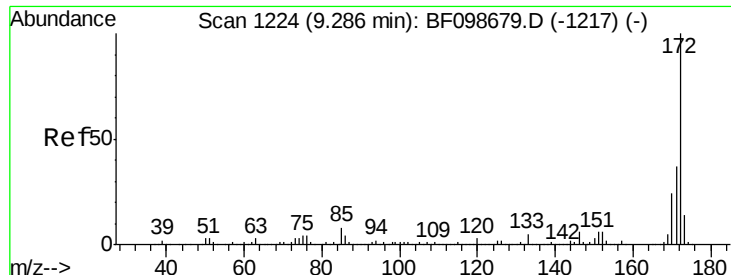
#41
 2,4,6-Tribromophenol
 Concen: 71.94 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: BF099041.D
 Acq: 3 Oct 2017 20:21

Tgt Ion:330 Resp: 143281
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.0 115.6
 141 42.1 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



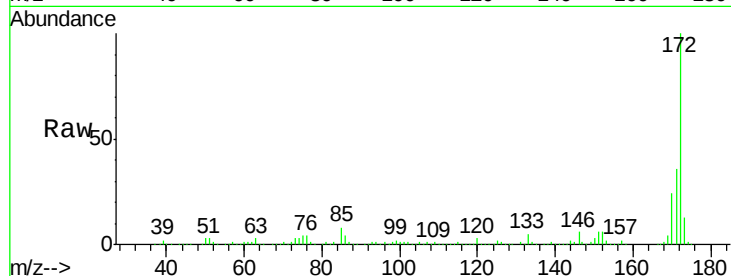


#44
 2-Fluorobiphenyl
 Concen: 72.00 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF099041.D
 Acq: 3 Oct 2017 20:21

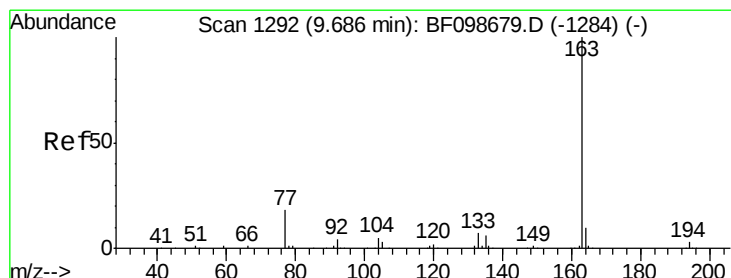
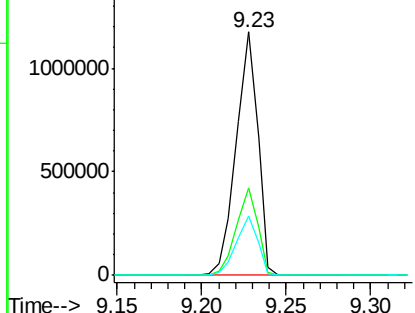
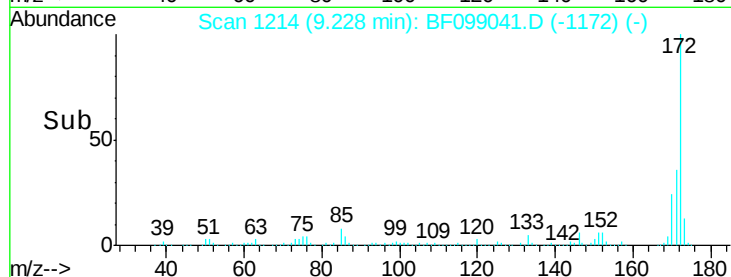
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1049770

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4



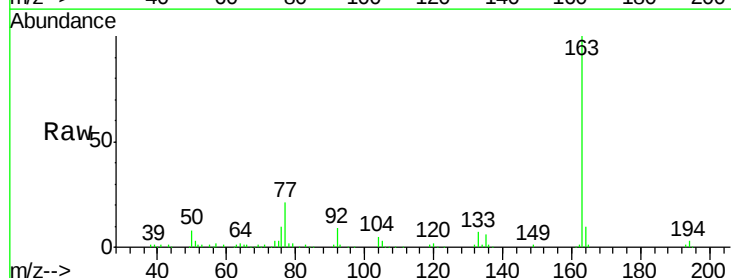
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



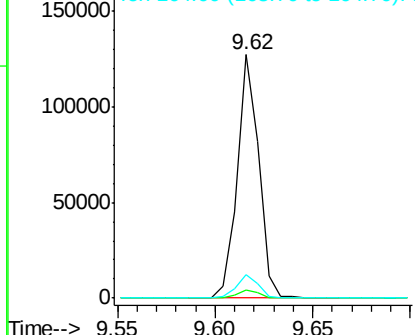
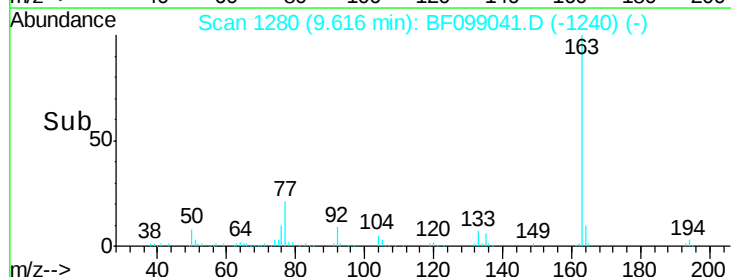
#49
 Dimethylphthalate
 Concen: 5.28 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.06 min
 Lab File: BF099041.D
 Acq: 3 Oct 2017 20:21

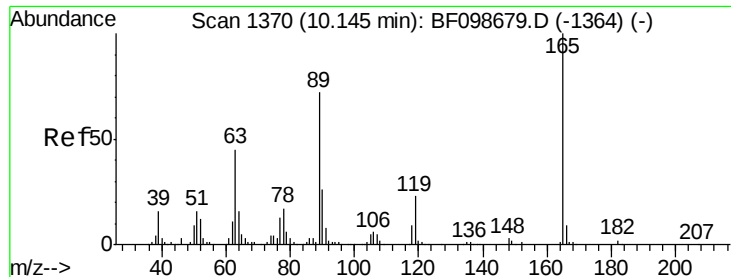
Tgt Ion:163 Resp: 97039

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.8	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

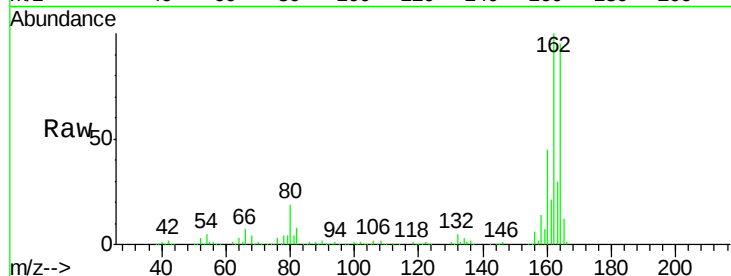




#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.24 min
 Lab File: BF099041.D
 Acq: 3 Oct 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



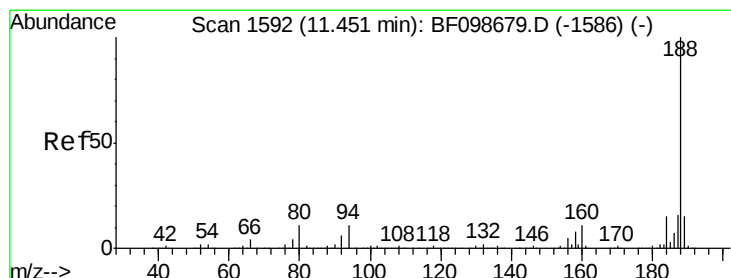
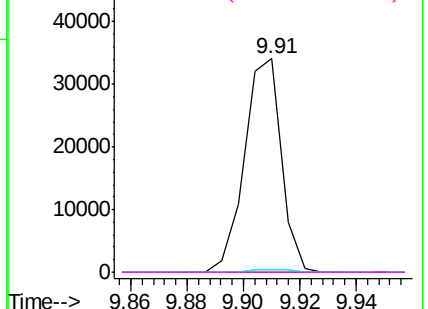
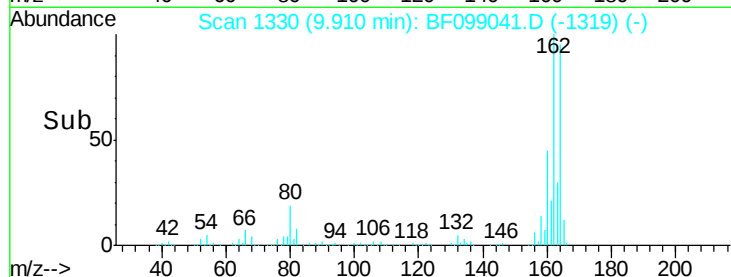
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

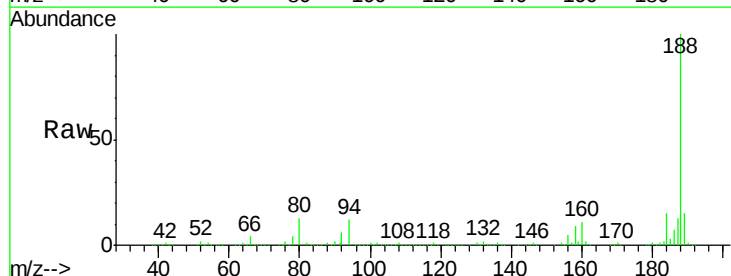
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.05 min
 Lab File: BF099041.D
 Acq: 3 Oct 2017 20:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.6	9.2	13.8

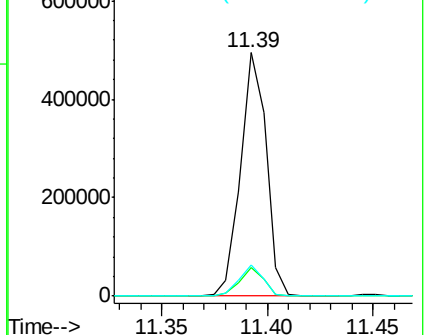
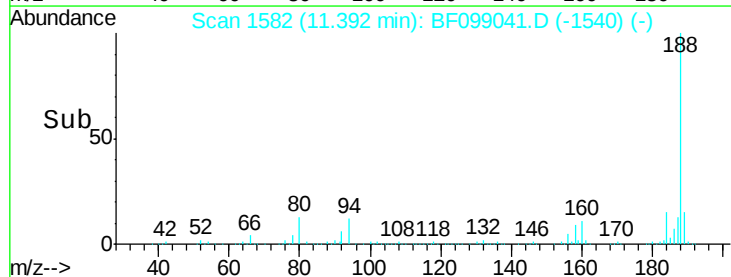


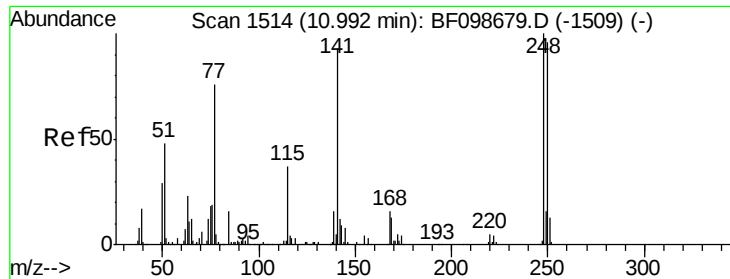
Abundance

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

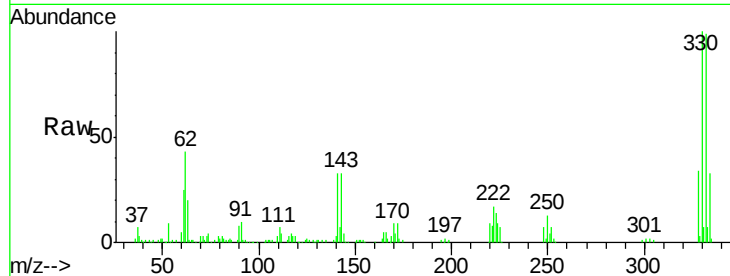




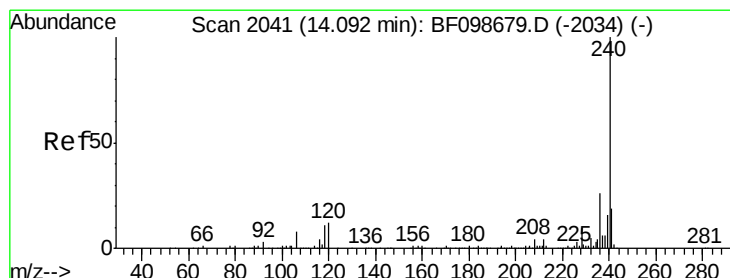
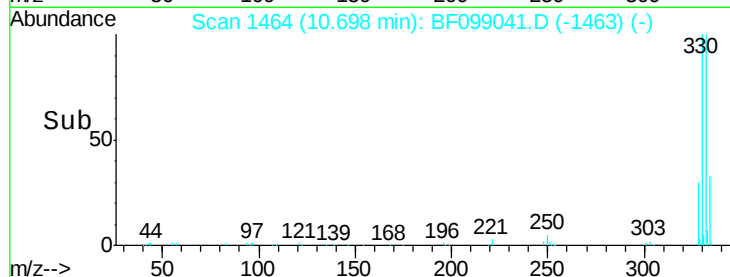
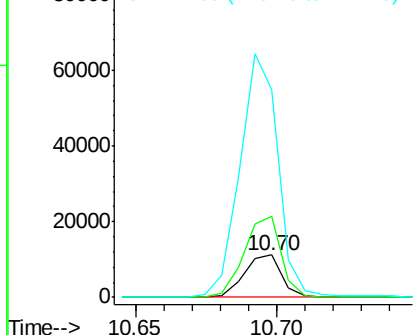
#66
4-Bromophenyl-phenylether
Concen: 2.51 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.29 min
Lab File: BF099041.D
Acq: 3 Oct 2017 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10200
Ion Ratio Lower Upper
248 100
250 190.3 76.9 115.3#
141 490.7 74.4 111.6#

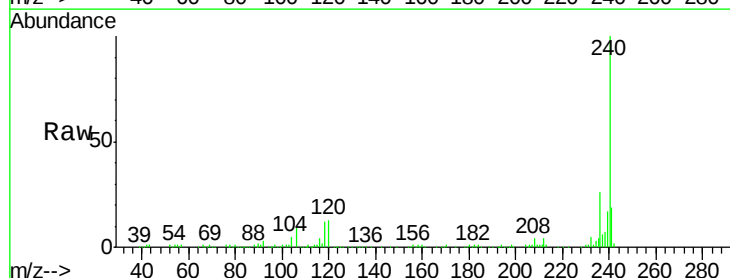


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

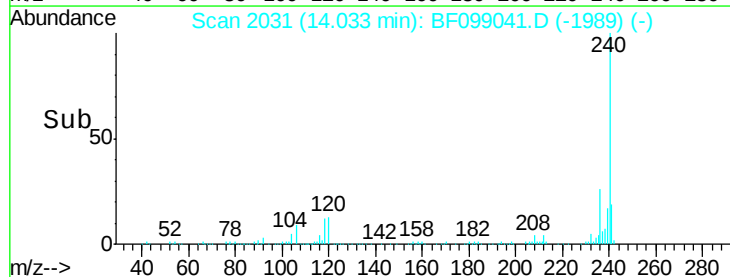
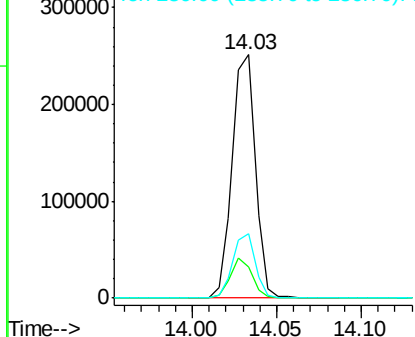


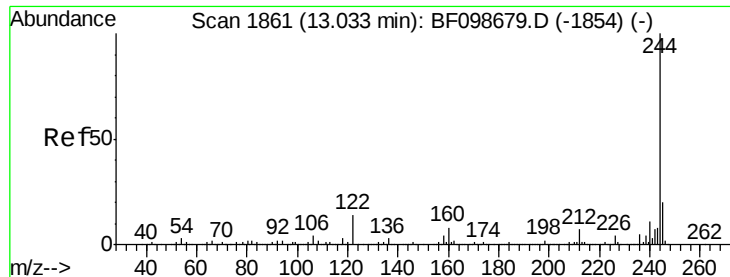
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.05 min
Lab File: BF099041.D
Acq: 3 Oct 2017 20:21

Tgt Ion:240 Resp: 240099
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 26.4 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

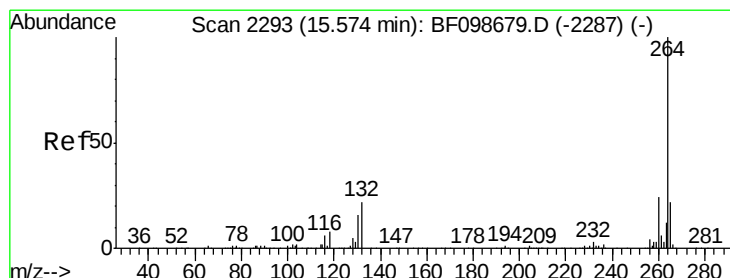
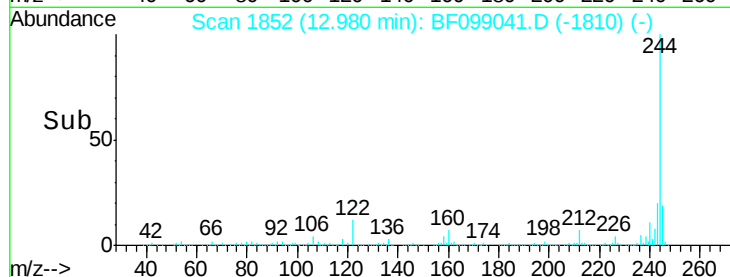
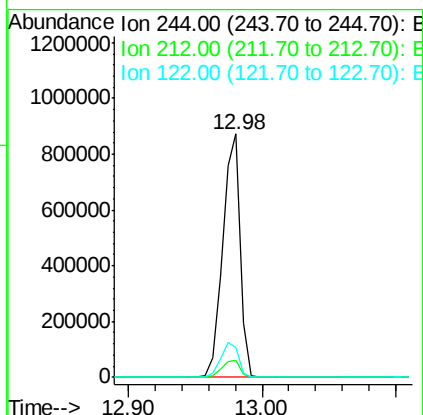
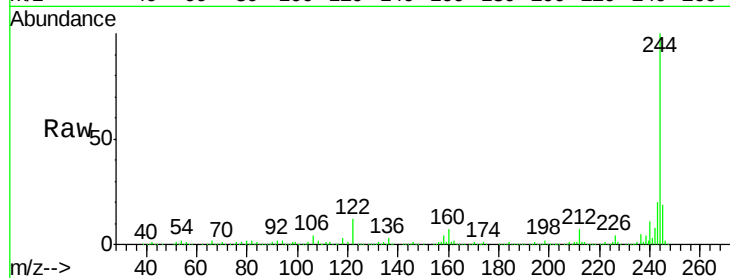




#78
 Terphenyl-d14
 Concen: 76.19 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.05 min
 Lab File: BF099041.D
 Acq: 3 Oct 2017 20:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 804393
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.3 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: BF099041.D
 Acq: 3 Oct 2017 20:21

Tgt Ion:264 Resp: 204023
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 17.5 26.3

