

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098884.D
 Acq On : 28 Sep 2017 1:17
 Operator : SJ/JU
 Sample : I5419-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:56:46 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

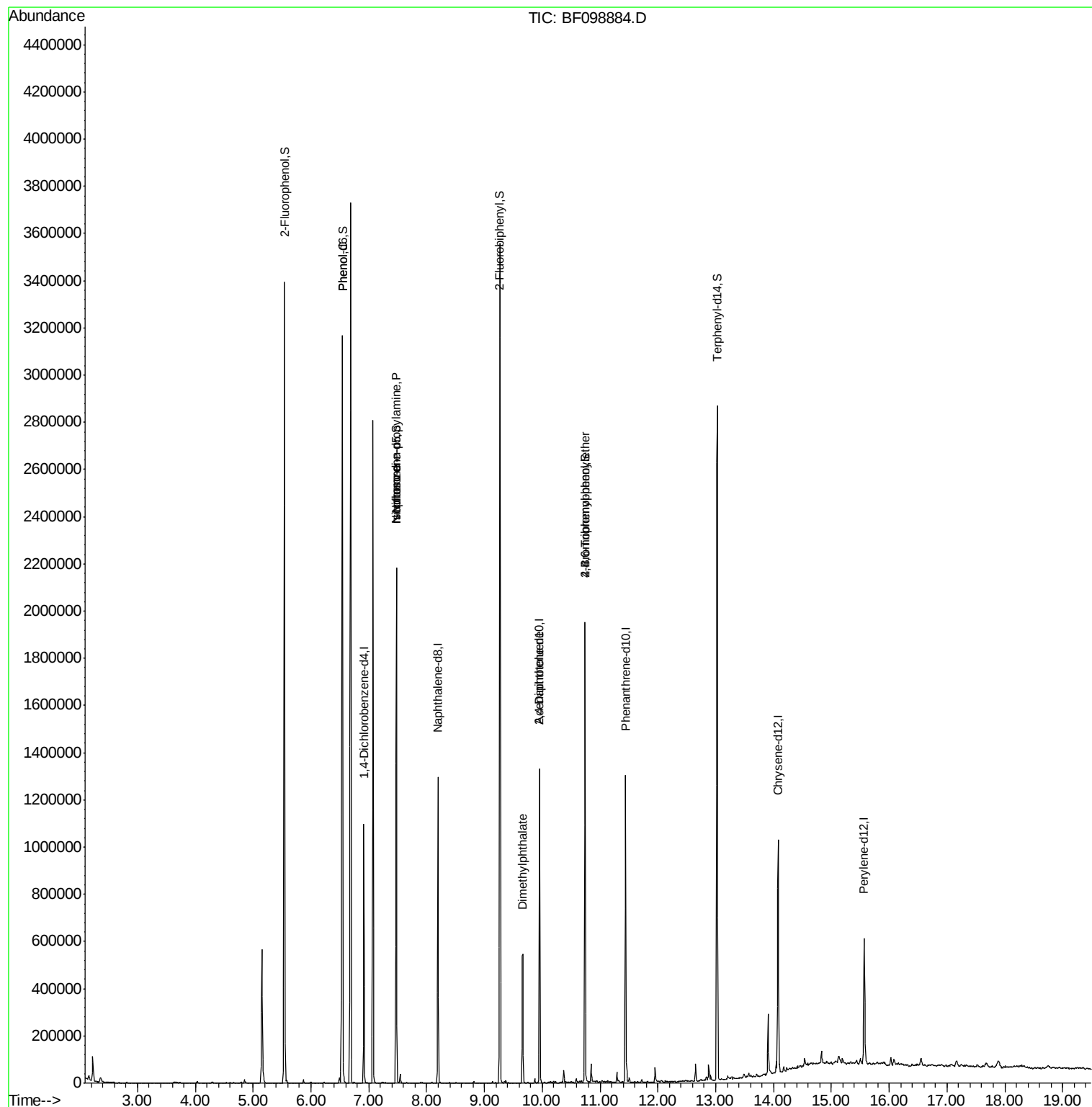
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	143172	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	587061	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	252325	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	402122	20.00	ng	0.00
75) Chrysene-d12	14.08	240	291147	20.00	ng	0.00
86) Perylene-d12	15.57	264	224602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1079745	120.05	ng	0.00
7) Phenol-d6	6.55	99	1308676	117.95	ng	0.00
23) Nitrobenzene-d5	7.47	82	798899	87.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	221906	107.48	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1182882	78.26	ng	-0.01
78) Terphenyl-d14	13.03	244	904882	70.68	ng	0.00
Target Compounds						
10) Phenol	6.55	94	25722	2.07	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.47	70	106149	14.99	ng	# 78
25) Isophorone	7.47	82	796267	42.07	ng	# 64
49) Dimethylphthalate	9.66	163	223084	11.71	ng	99
56) 2,4-Dinitrotoluene	9.95	165	31616	5.88	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	15252	3.87	ng	# 1

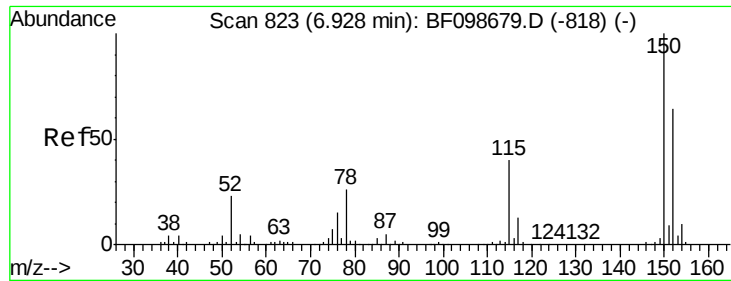
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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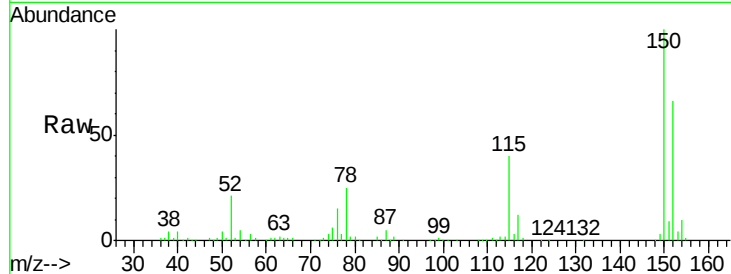


#1

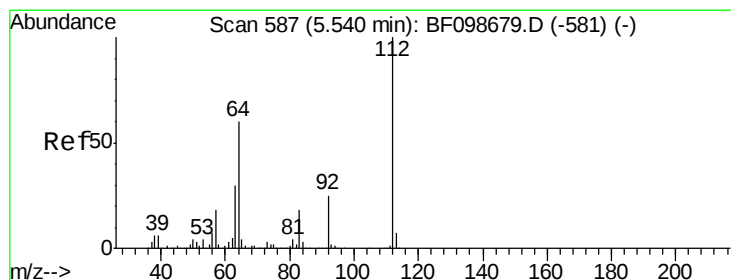
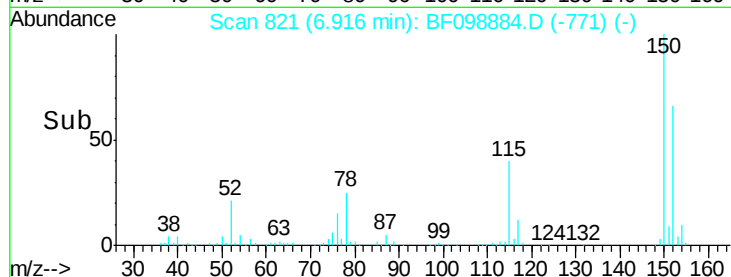
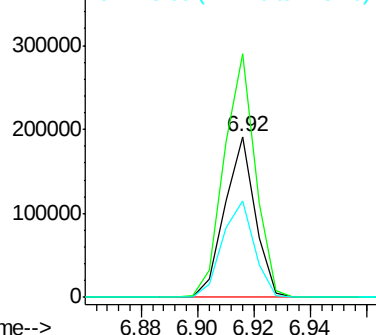
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143172
Ion Ratio Lower Upper
152 100
150 151.4 124.6 186.8
115 59.9 50.1 75.1



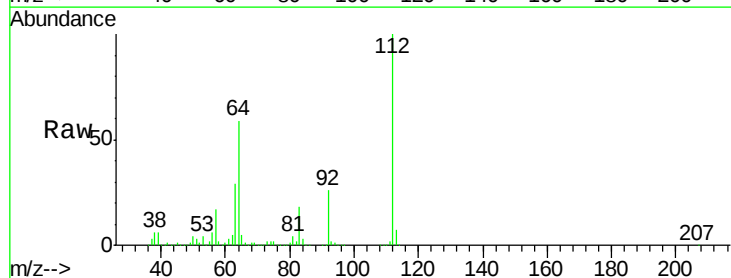
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



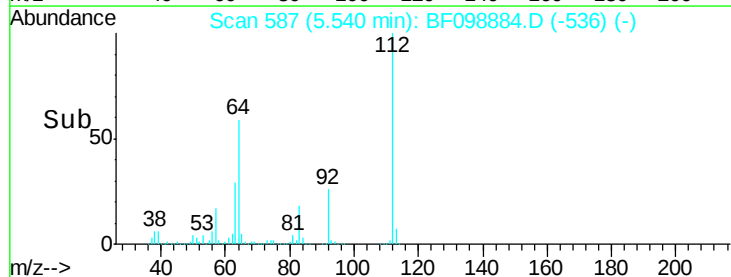
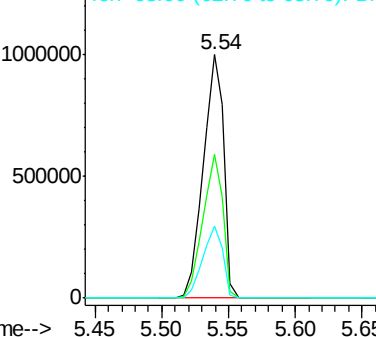
#5

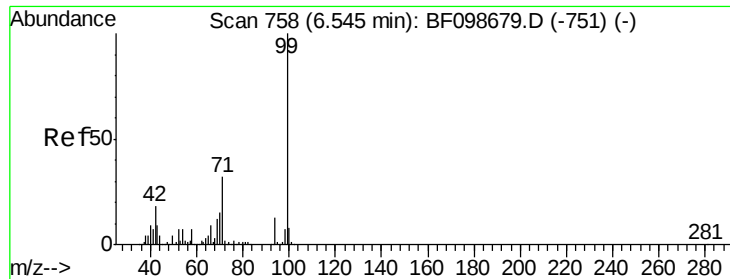
2-Fluorophenol
Concen: 120.05 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

Tgt Ion:112 Resp: 1079745
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 29.5 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: 117.95 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098884.D

Acq: 28 Sep 2017 1:17

Instrument :

BNA_F

ClientSampleId :

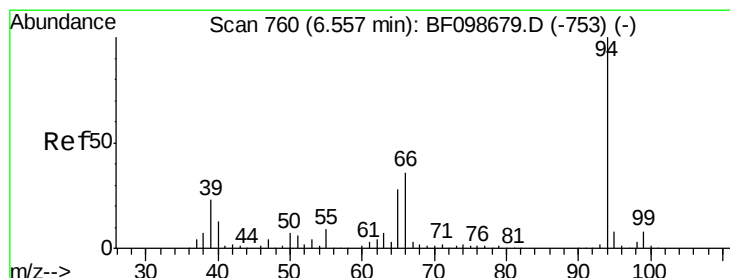
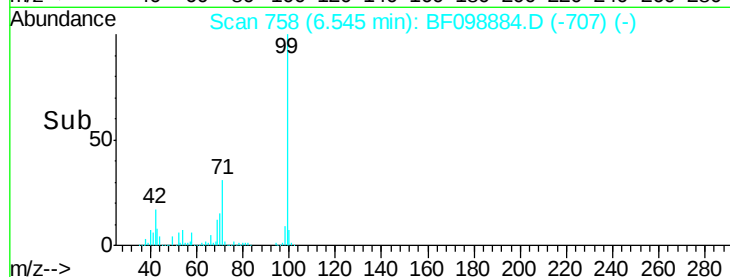
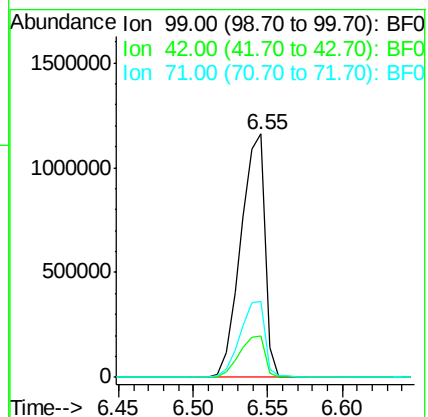
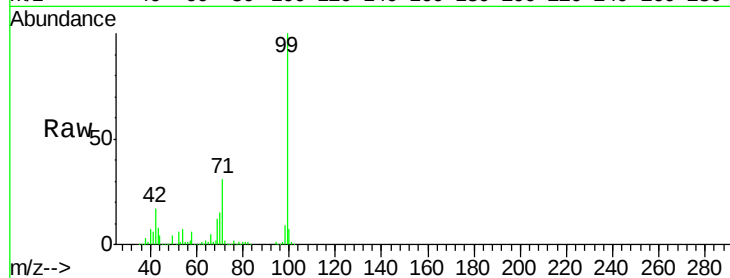
Tot Ion: 99 Resp: 1308676

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

71 31.2 25.4 38.0



#10

Phenol

Concen: 2.07 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098884.D

Acq: 28 Sep 2017 1:17

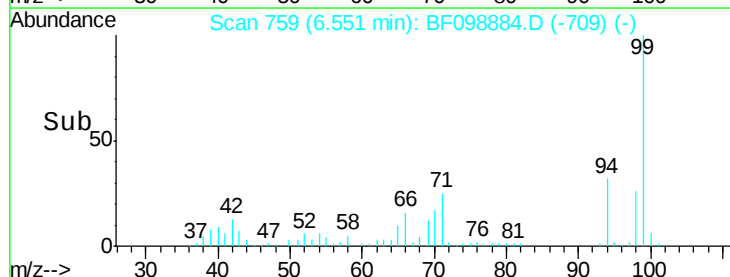
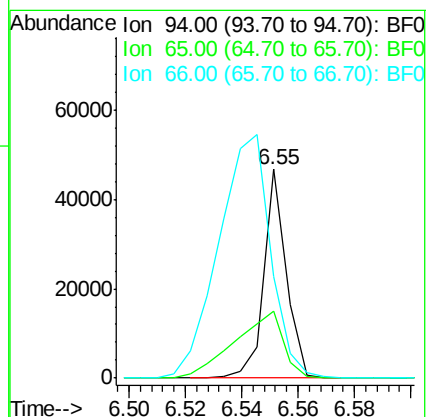
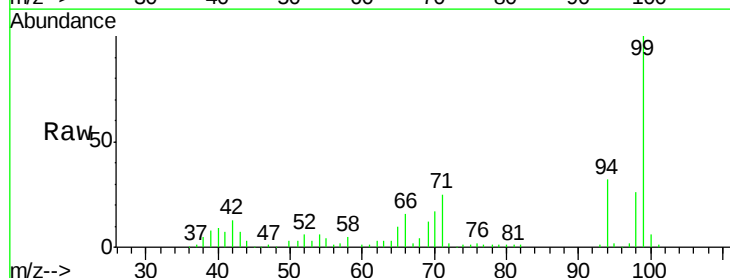
Tgt Ion: 94 Resp: 25722

Ion Ratio Lower Upper

94 100

65 31.8 7.9 47.9

66 48.9 16.2 56.2

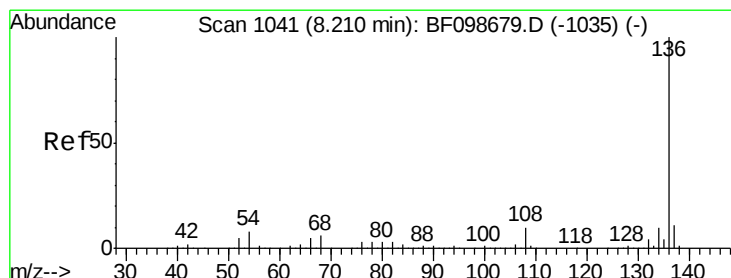
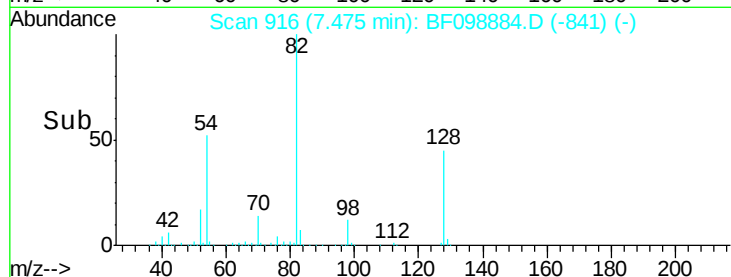
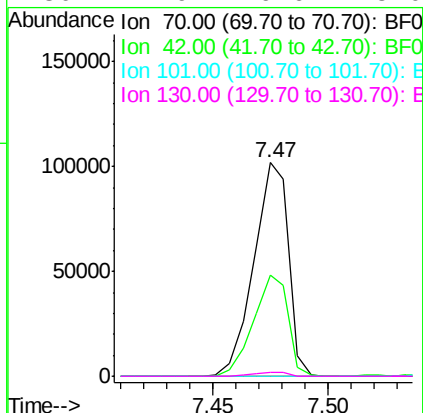
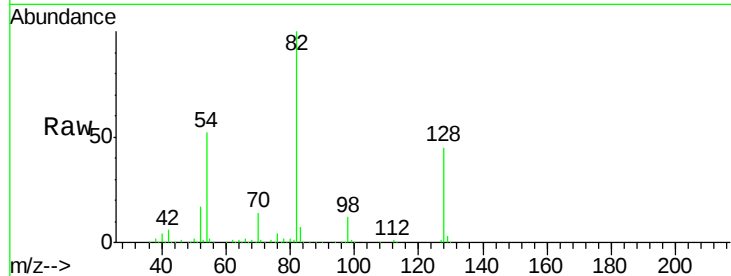




#19
n-Nitroso-di-n-propylamine
Concen: 14.99 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

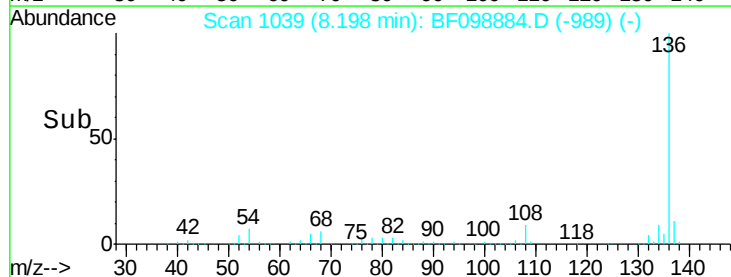
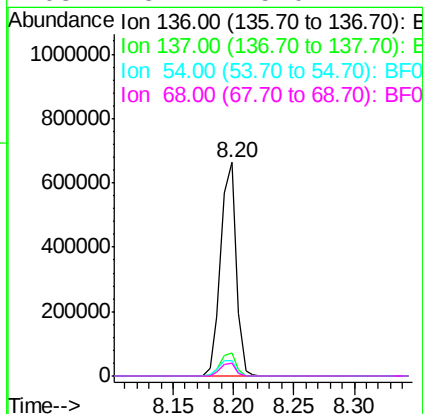
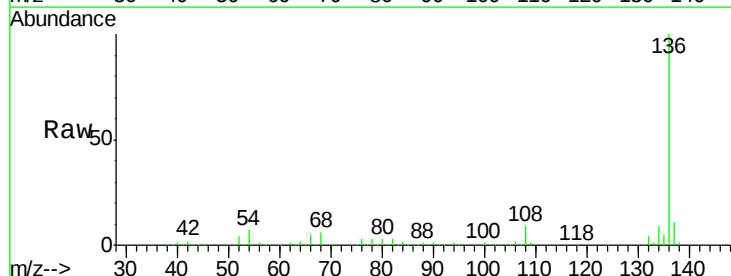
Instrument :
BNA_F
ClientSampleId :

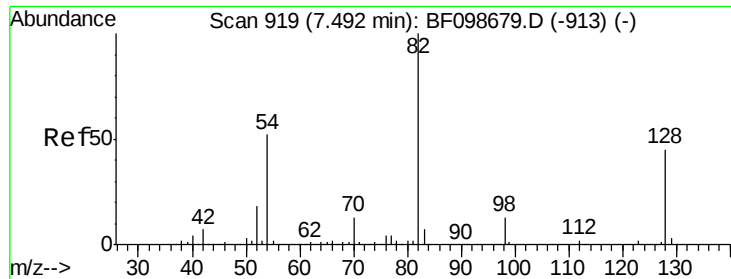
Tot Ion: 70 Resp: 106149
Ion Ratio Lower Upper
70 100
42 47.6 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

Tgt Ion: 136 Resp: 587061
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.4 6.6 9.8
68 5.7 5.0 7.4

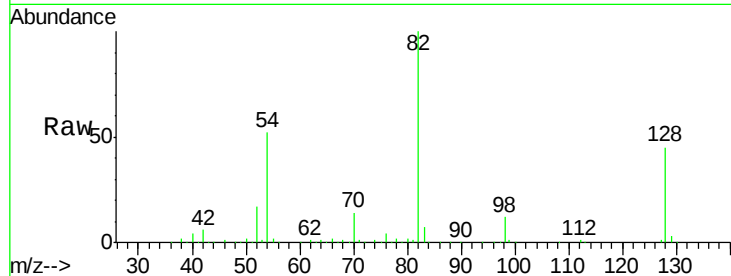




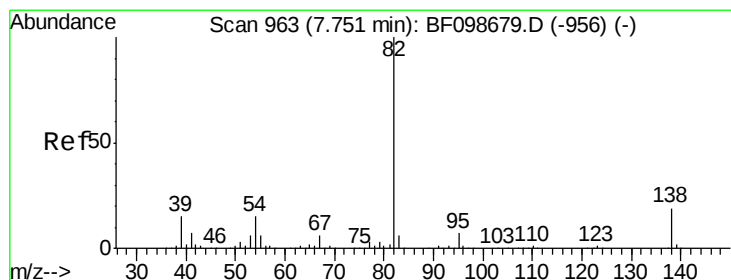
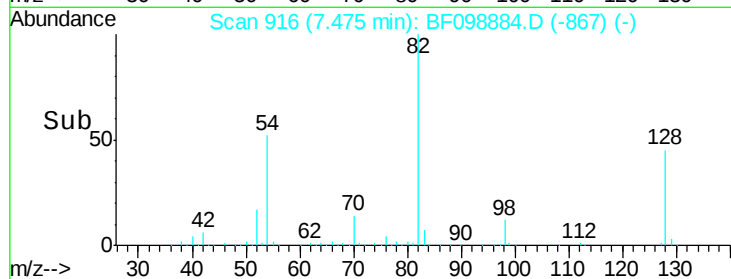
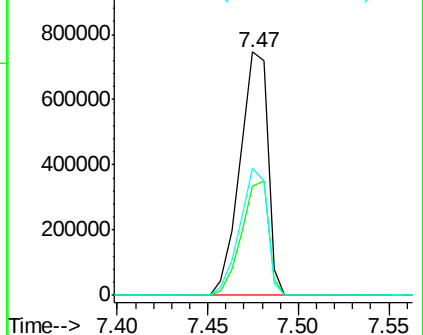
#23
Nitrobenzene-d5
Concen: 87.27 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

Instrument :
BNA_F
ClientSampleID :

Tot Ion	82	Resp	798899
Ion Ratio	100	Lower	Upper
128	44.9	36.1	54.1
54	52.1	41.4	62.2

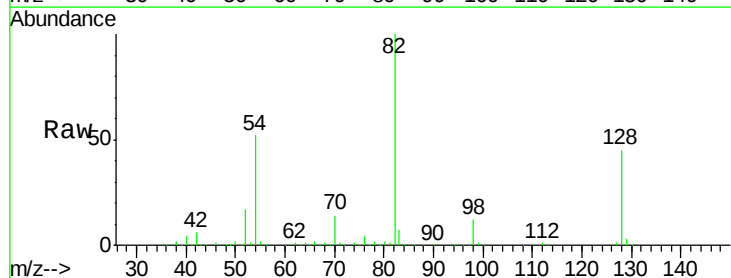


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

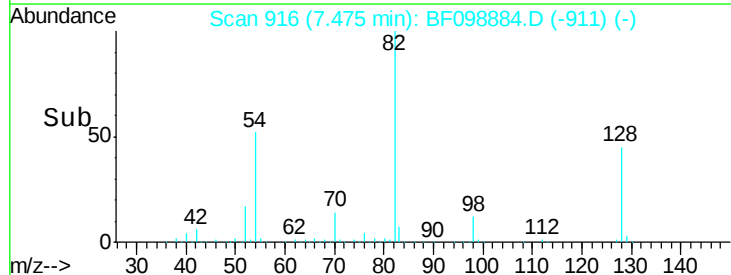
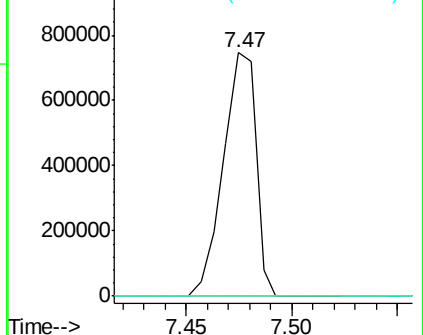


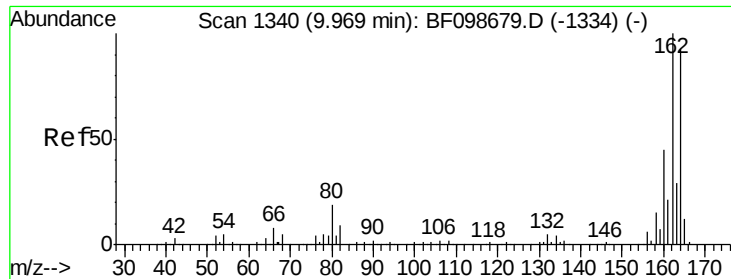
#25
Isophorone
Concen: 42.07 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.27 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

Tgt Ion	82	Resp	796267
Ion Ratio	100	Lower	Upper
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

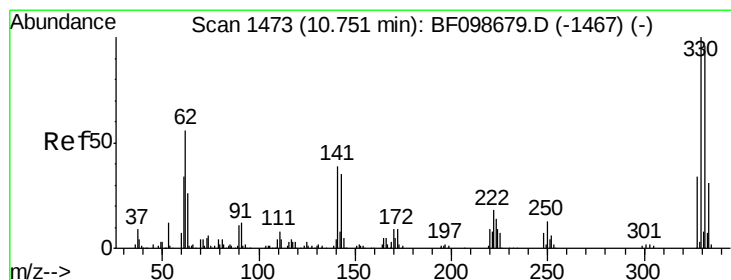
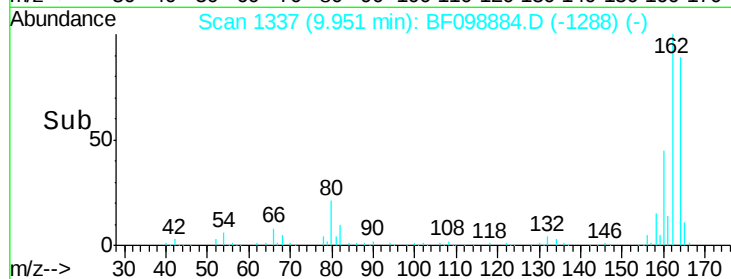
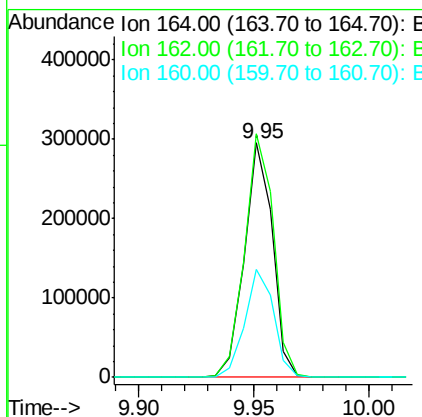
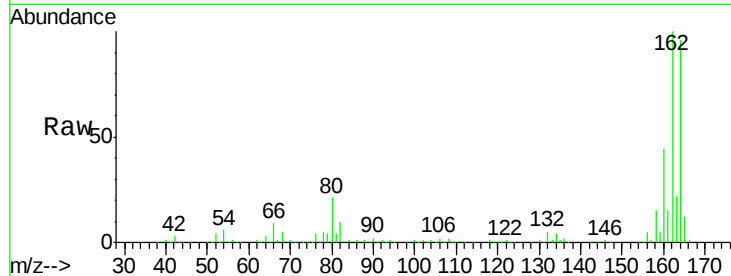




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098884.D
 Acq: 28 Sep 2017 1:17

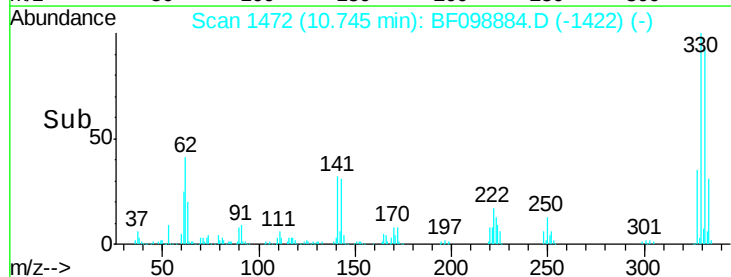
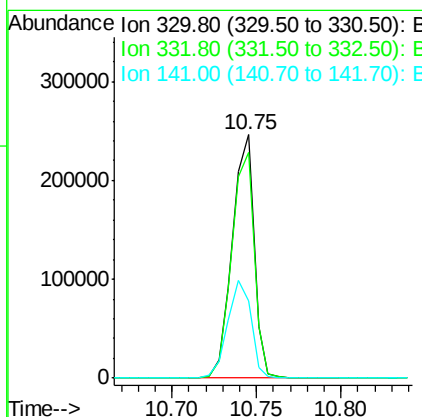
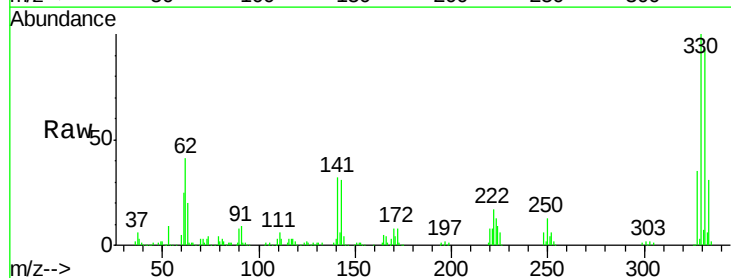
Instrument :
 BNA_F
 ClientSampleId :

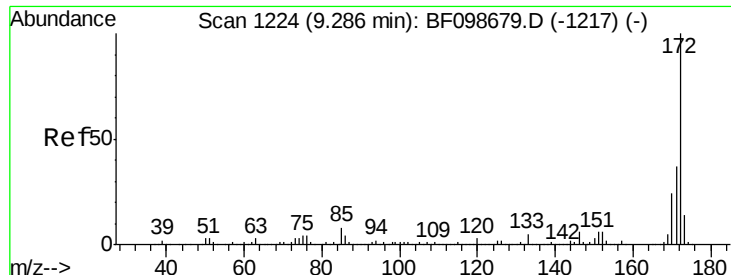
Tot Ion:164 Resp: 252325
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 107.48 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098884.D
 Acq: 28 Sep 2017 1:17

Tgt Ion:330 Resp: 221906
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 42.7 29.9 44.9



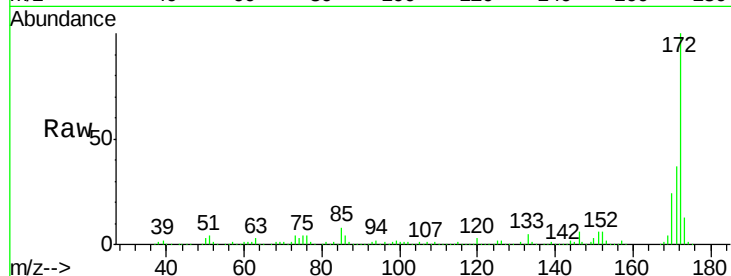


#44
 2-Fluorobiphenyl
 Concen: 78.26 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098884.D
 Acq: 28 Sep 2017 1:17

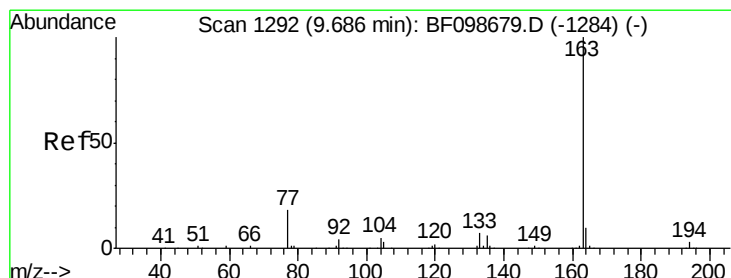
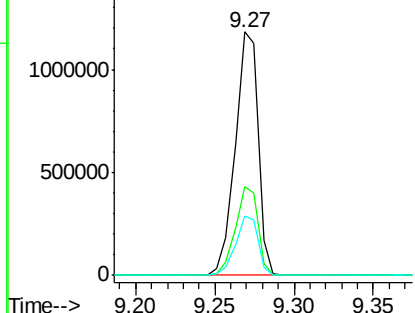
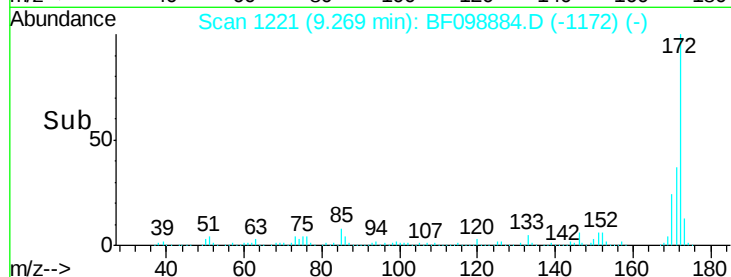
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1182882

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4



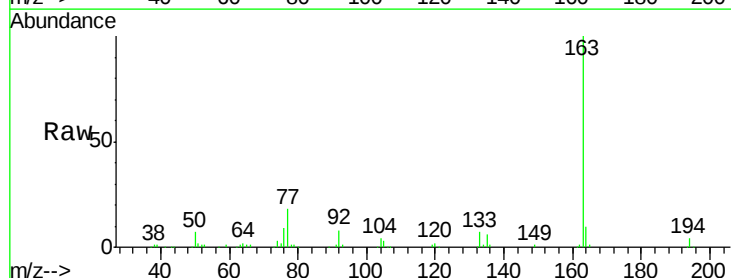
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



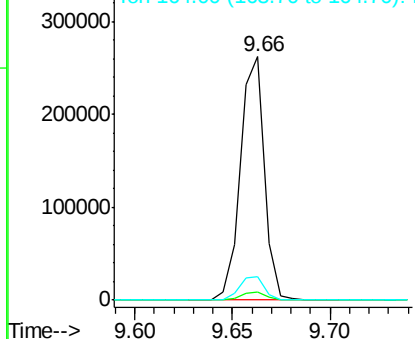
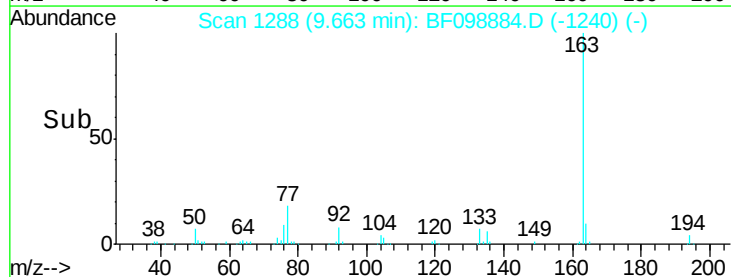
#49
 Dimethylphthalate
 Concen: 11.71 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF098884.D
 Acq: 28 Sep 2017 1:17

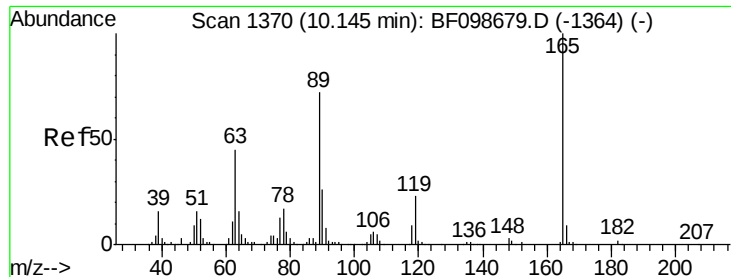
Tgt Ion:163 Resp: 223084

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.9	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

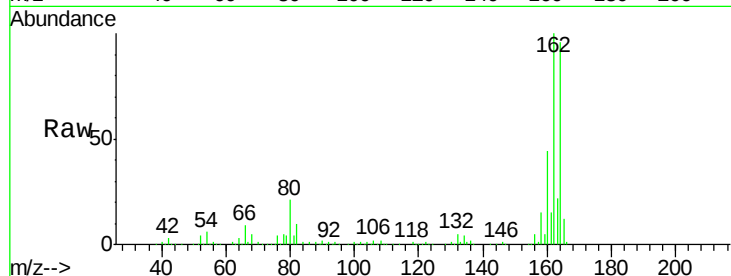




#56
2,4-Dinitrotoluene
Concen: 5.88 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

Instrument :
BNA_F
ClientSampleId :

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

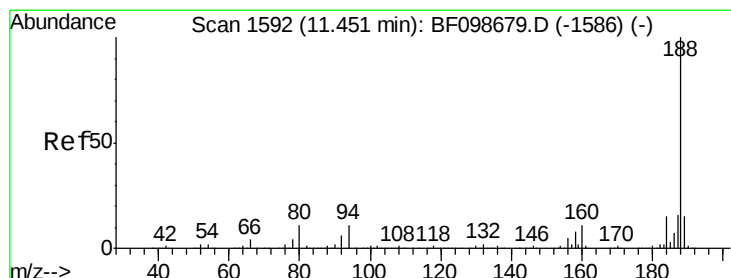
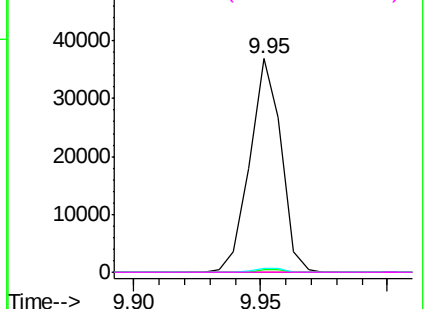
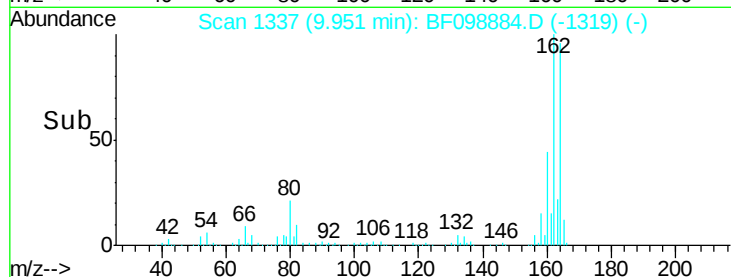


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

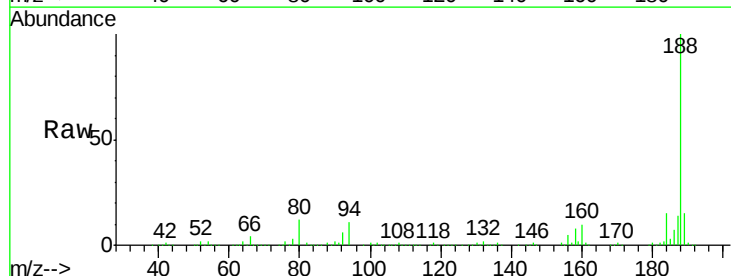
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

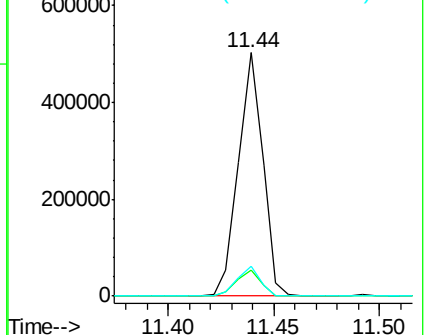
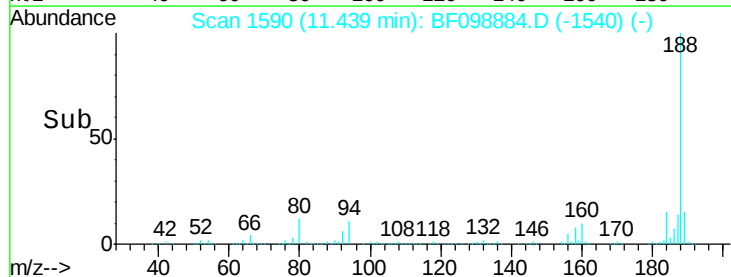
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	12.1	9.2	13.8

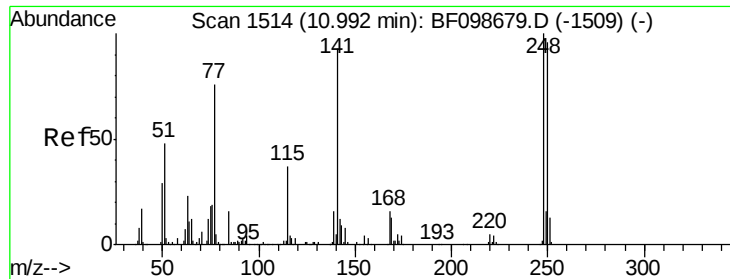


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

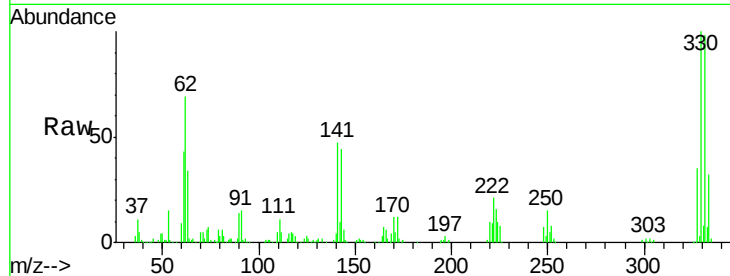




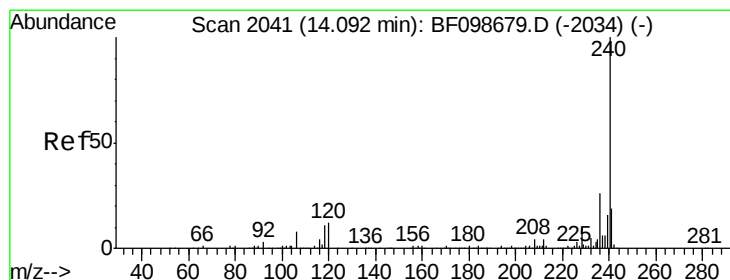
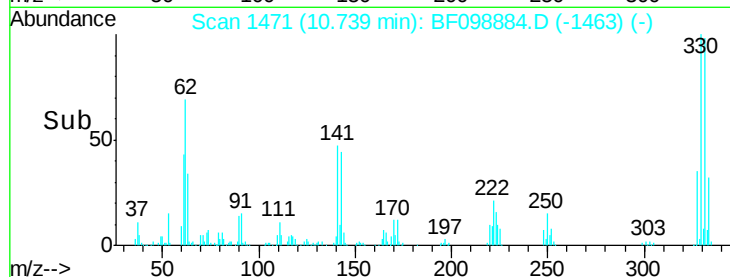
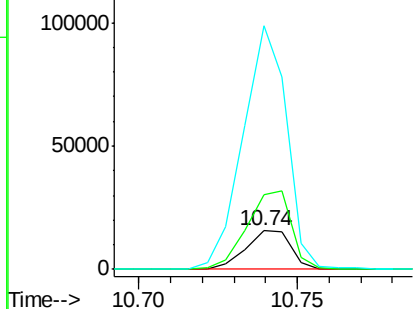
#66
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15252
Ion Ratio Lower Upper
248 100
250 194.7 76.9 115.3#
141 631.8 74.4 111.6#

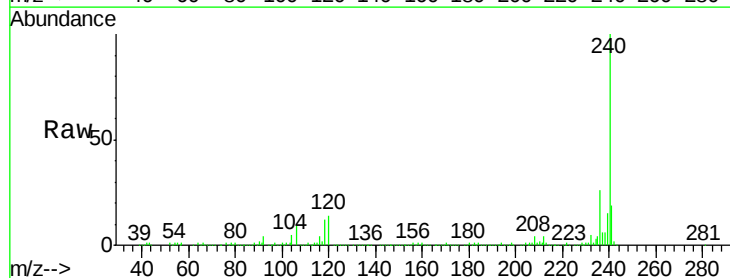


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

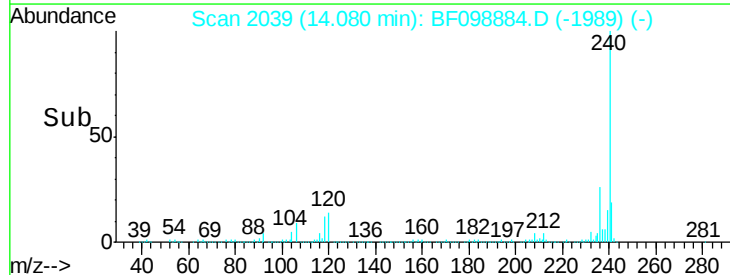
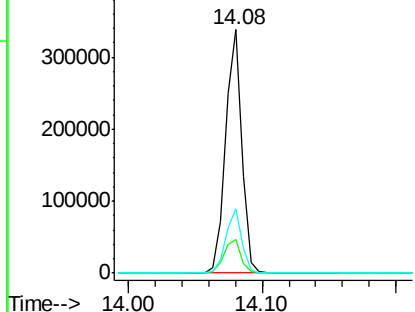


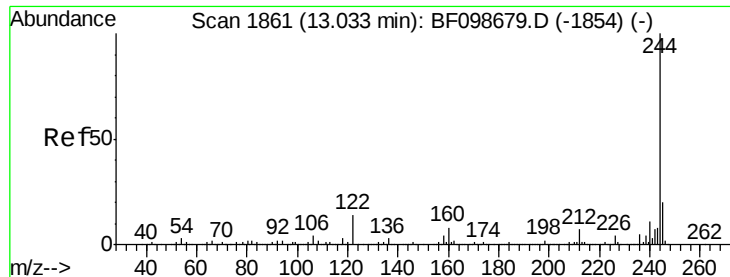
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098884.D
Acq: 28 Sep 2017 1:17

Tgt Ion:240 Resp: 291147
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 26.2 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: 70.68 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098884.D

Acq: 28 Sep 2017 1:17

Instrument :

BNA_F

ClientSampleId :

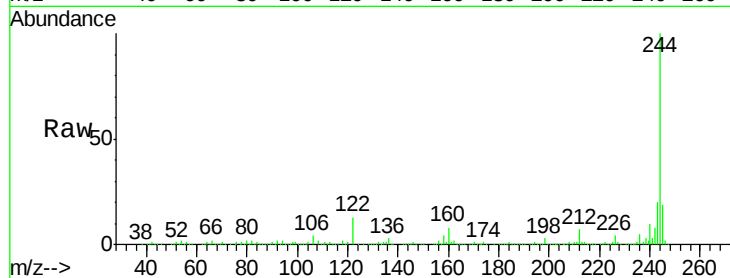
Tot Ion:244 Resp: 904882

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

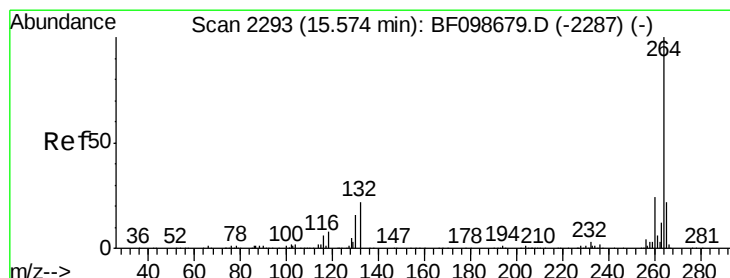
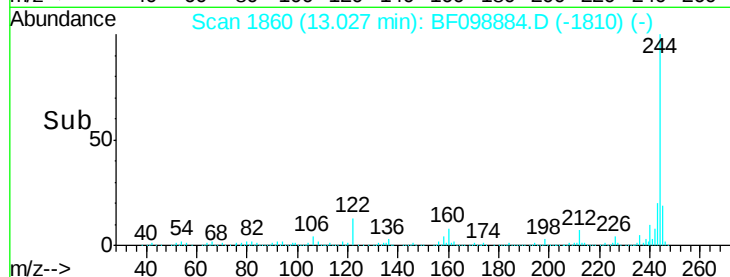
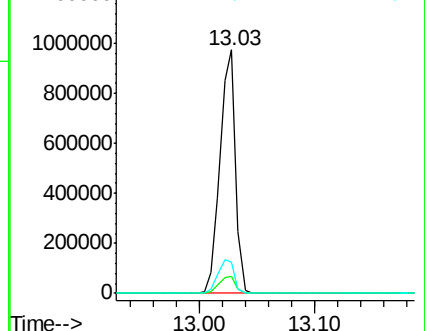
122 12.6 11.0 16.4



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: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098884.D

Acq: 28 Sep 2017 1:17

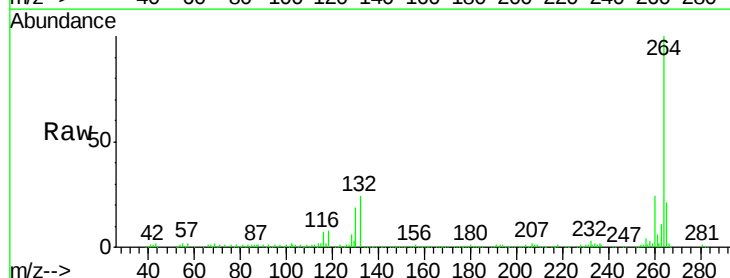
Tgt Ion:264 Resp: 224602

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.0 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

