

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098904.D
 Acq On : 28 Sep 2017 13:14
 Operator : SJ/JU
 Sample : I5447-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 00:40:34 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

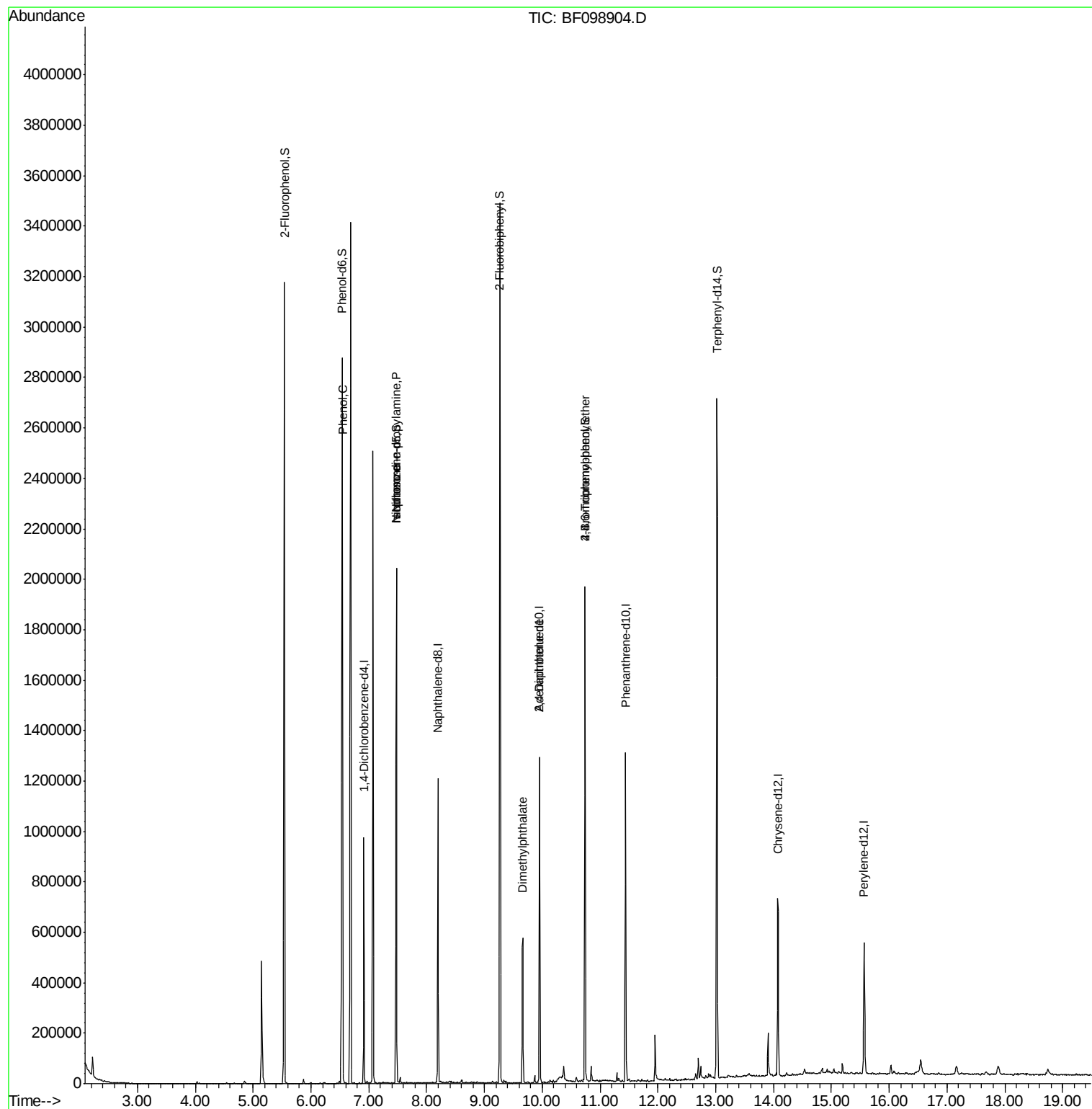
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	126733	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	531246	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	234957	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	410592	20.00	ng	0.00
75) Chrysene-d12	14.07	240	225111	20.00	ng	-0.01
86) Perylene-d12	15.57	264	218008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	953021	119.71	ng	0.00
7) Phenol-d6	6.54	99	1178620	120.01	ng	0.00
23) Nitrobenzene-d5	7.47	82	713923	86.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	238591	124.10	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1149366	81.66	ng	-0.01
78) Terphenyl-d14	13.02	244	852103	86.08	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	24697	2.25	ng	Qvalue 98
19) n-Nitroso-di-n-propylamine	7.47	70	94000	14.99	ng	# 79
25) Isophorone	7.47	82	710195	41.47	ng	# 64
49) Dimethylphthalate	9.66	163	228514	12.89	ng	99
56) 2,4-Dinitrotoluene	9.95	165	31015	6.19	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	16283	4.05	ng	# 1

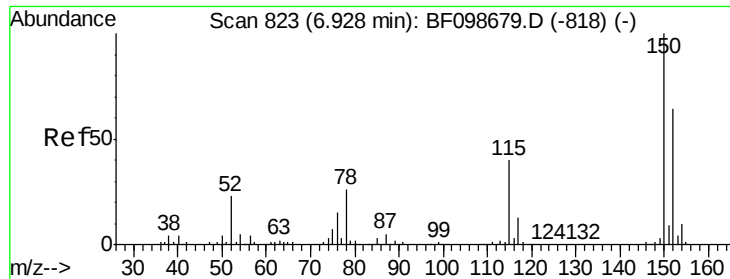
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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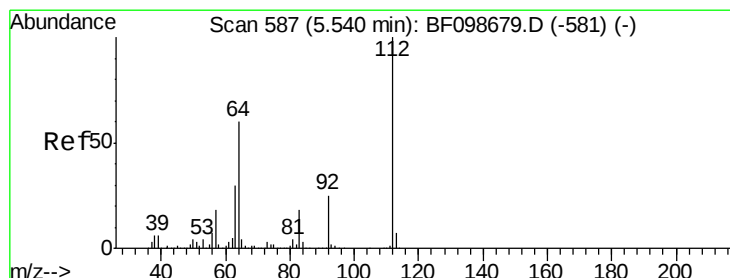
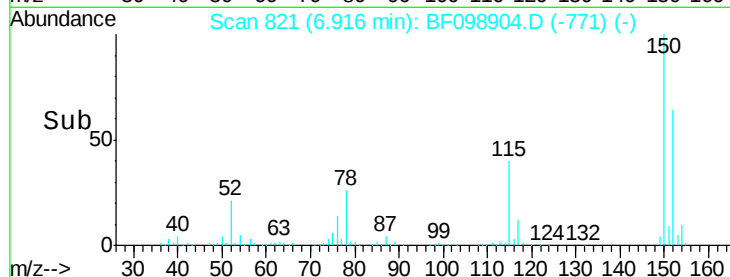
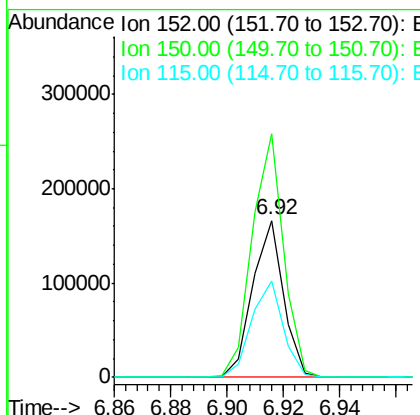
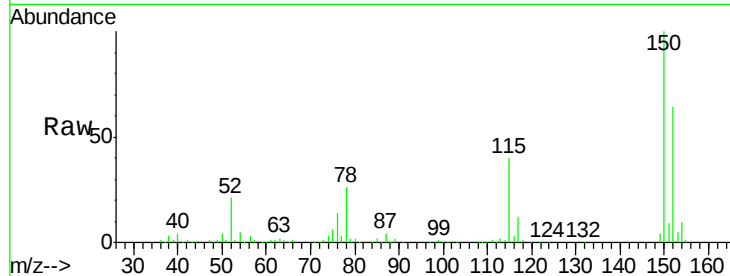




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098904.D
 Acq: 28 Sep 2017 13:14

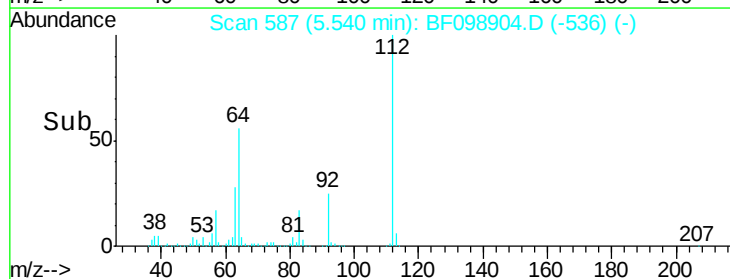
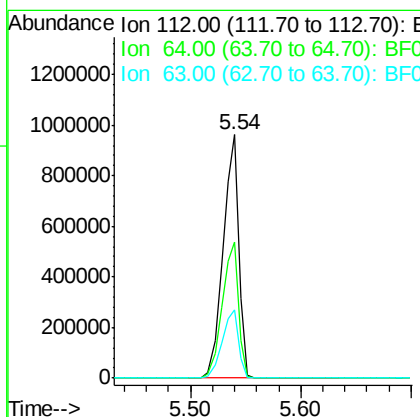
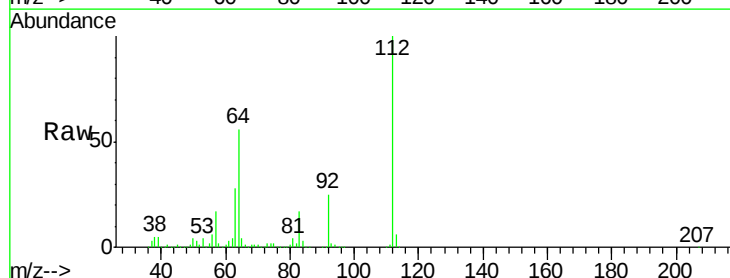
Instrument :
 BNA_F
 ClientSampleId :

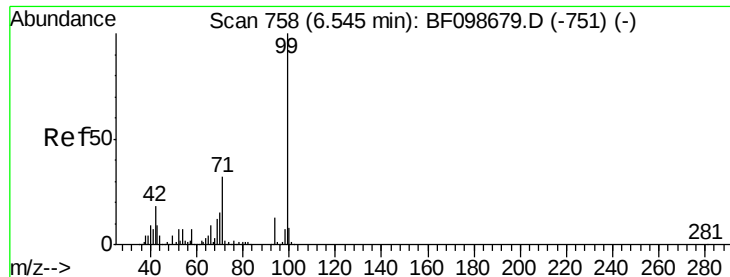
Tot Ion:152 Resp: 126733
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.6 186.8
 115 61.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 119.71 ng
 RT: 5.54 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF098904.D
 Acq: 28 Sep 2017 13:14

Tgt Ion:112 Resp: 953021
 Ion Ratio Lower Upper
 112 100
 64 55.7 47.9 71.9
 63 28.0 23.7 35.5





#7

Phenol-d6

Concen: 120.01 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098904.D

Acq: 28 Sep 2017 13:14

Instrument :

BNA_F

ClientSampled :

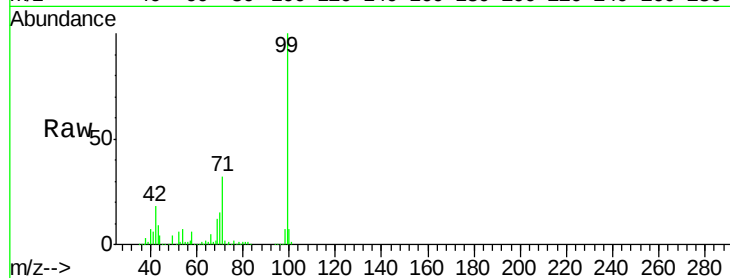
Tot Ion: 99 Resp: 1178620

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

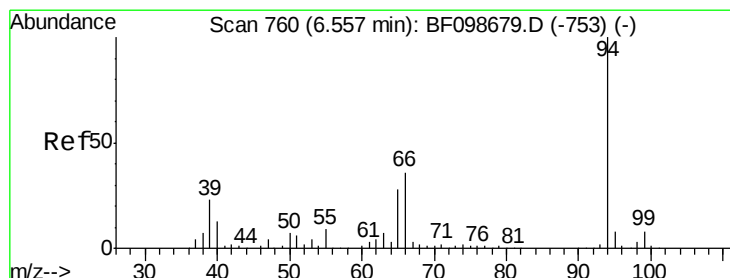
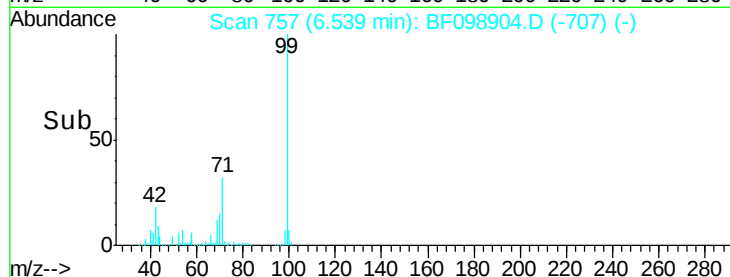
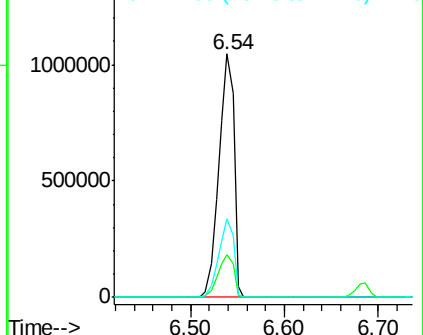
71 32.3 25.4 38.0



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: 2.25 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098904.D

Acq: 28 Sep 2017 13:14

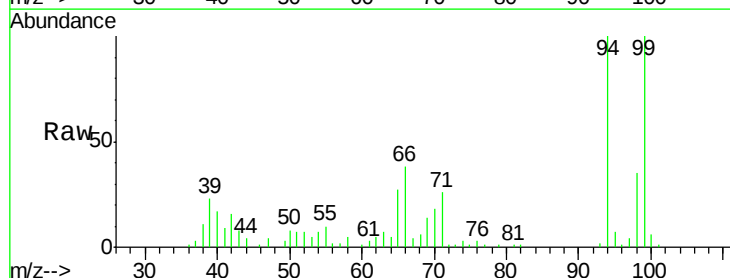
Tgt Ion: 94 Resp: 24697

Ion Ratio Lower Upper

94 100

65 27.0 7.9 47.9

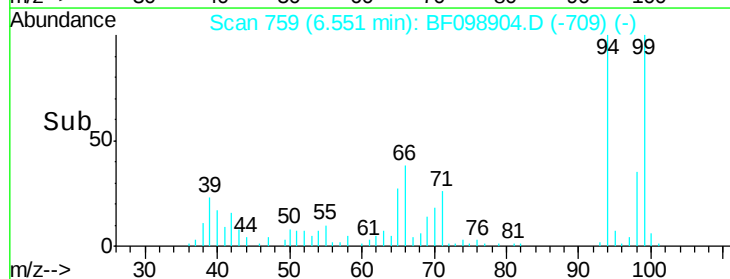
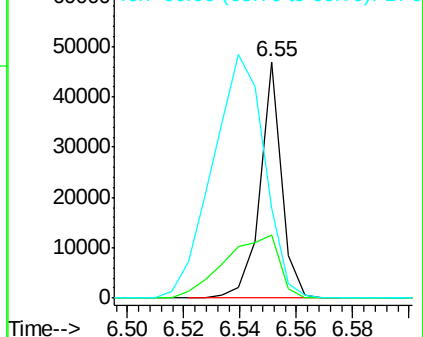
66 38.0 16.2 56.2

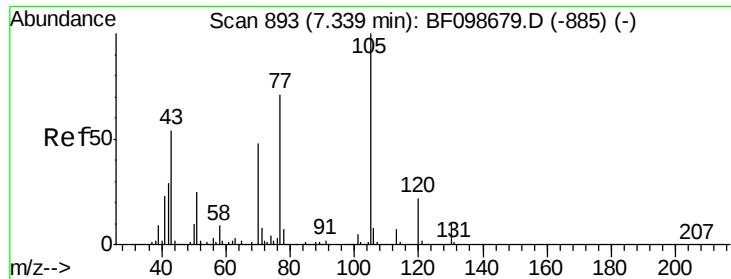


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

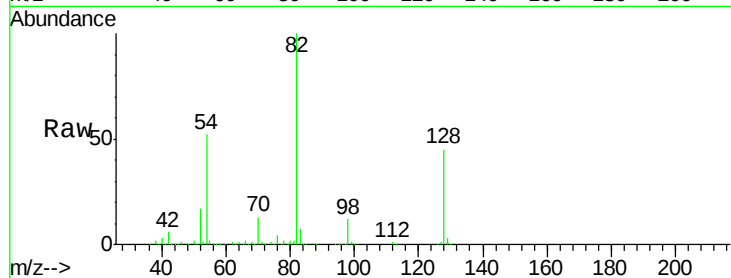




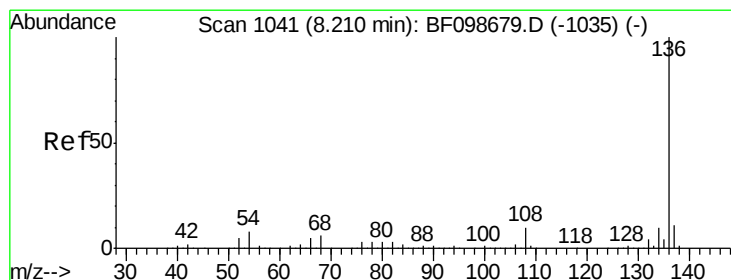
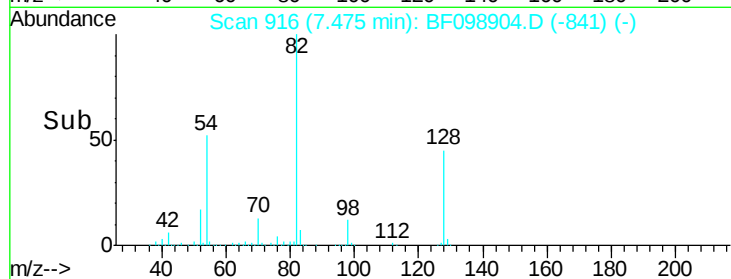
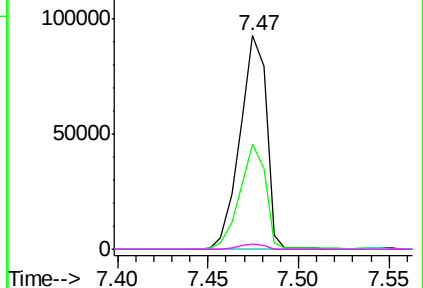
#19
n-Nitroso-di-n-propylamine
Concen: 14.99 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098904.D
Acq: 28 Sep 2017 13:14

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 94000
Ion Ratio Lower Upper
70 100
42 49.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#

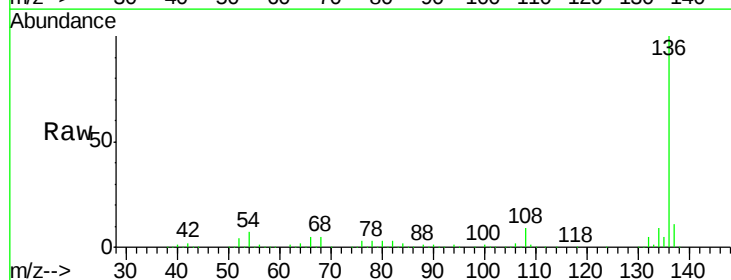


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

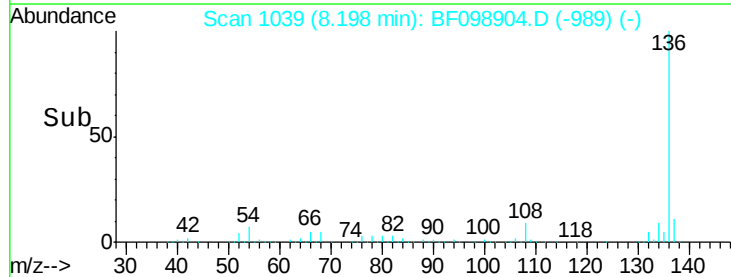
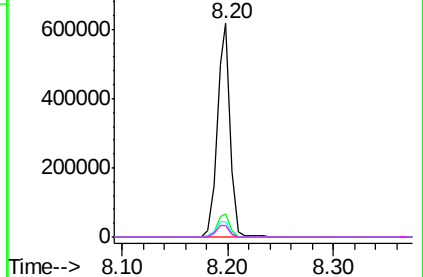


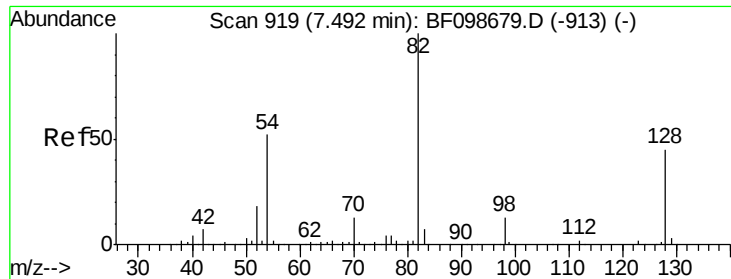
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098904.D
Acq: 28 Sep 2017 13:14

Tgt Ion: 136 Resp: 531246
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.4 6.6 9.8
68 5.5 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

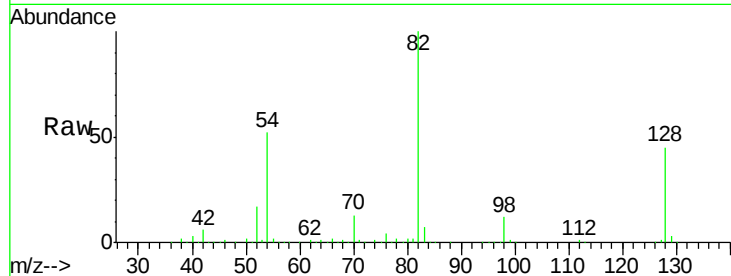




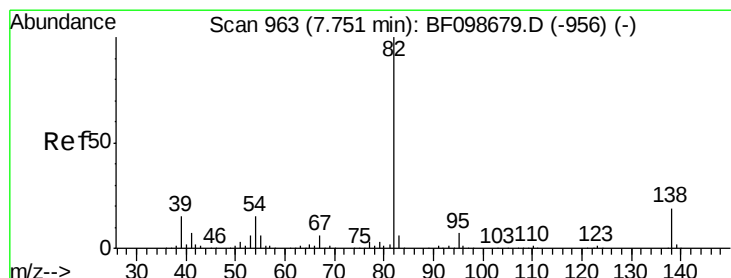
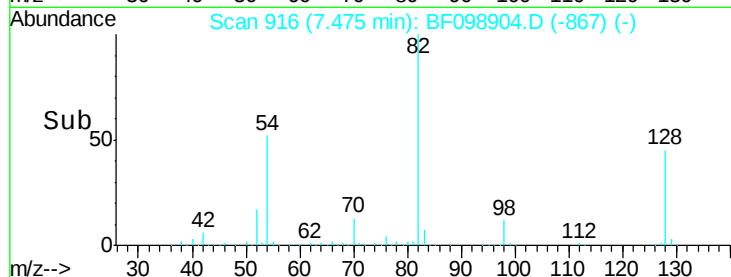
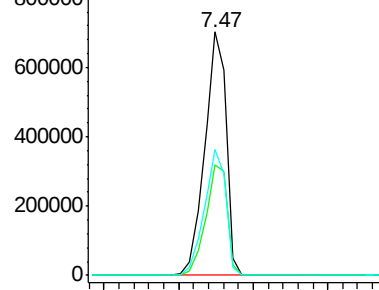
#23
Nitrobenzene-d5
Concen: 86.18 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098904.D
Acq: 28 Sep 2017 13:14

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 713923
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 51.5 41.4 62.2

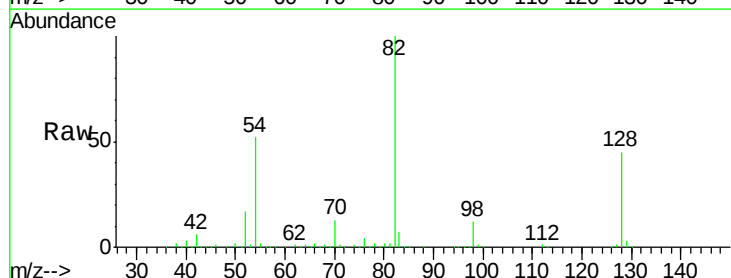


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

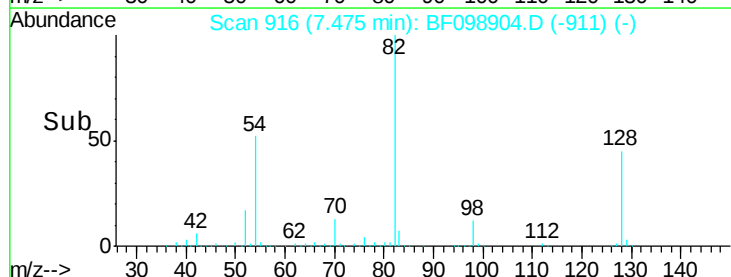
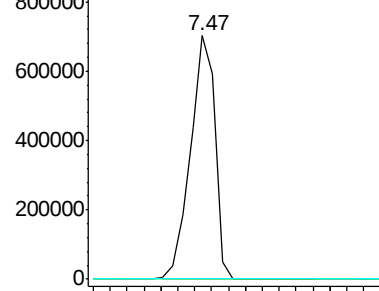


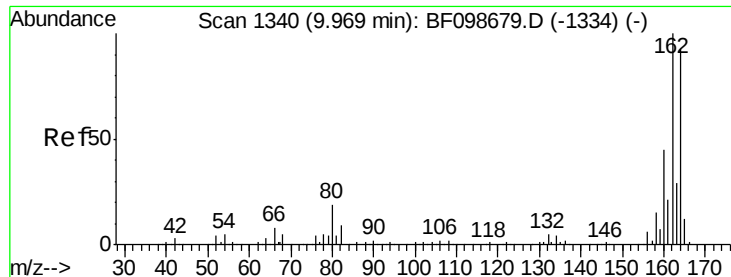
#25
Isophorone
Concen: 41.47 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.27 min
Lab File: BF098904.D
Acq: 28 Sep 2017 13:14

Tgt Ion: 82 Resp: 710195
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

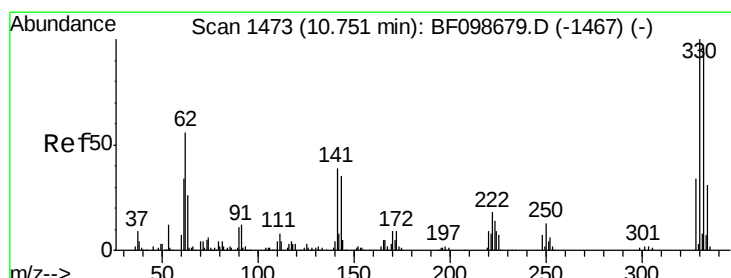
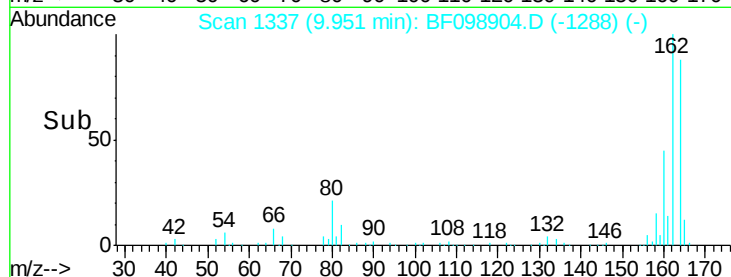
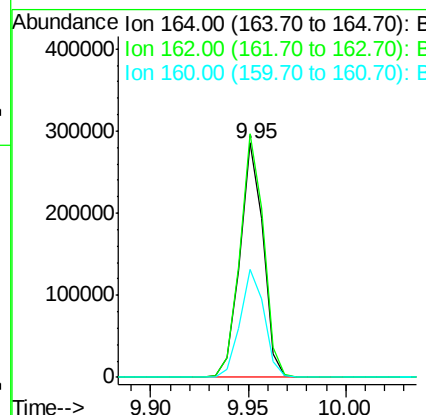
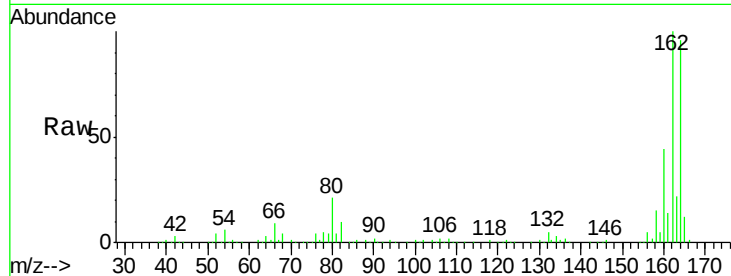




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098904.D
 Acq: 28 Sep 2017 13:14

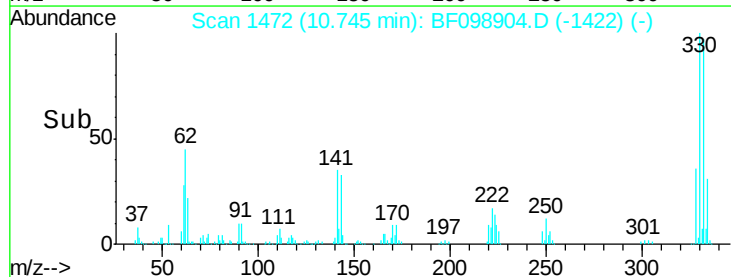
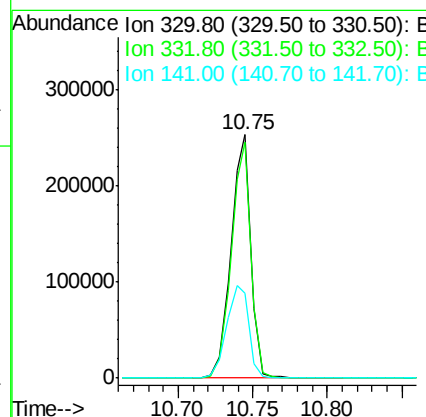
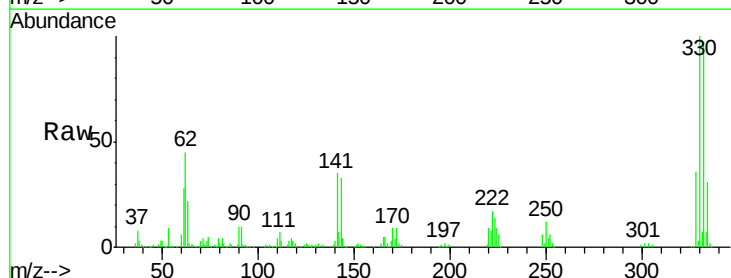
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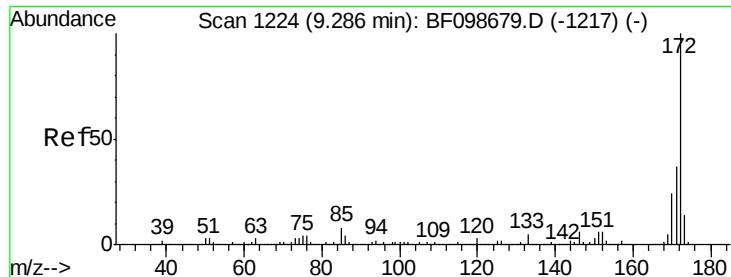
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 124.10 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098904.D
 Acq: 28 Sep 2017 13:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	42.6	29.9	44.9

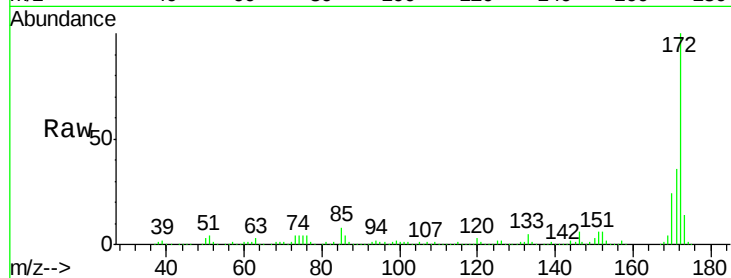




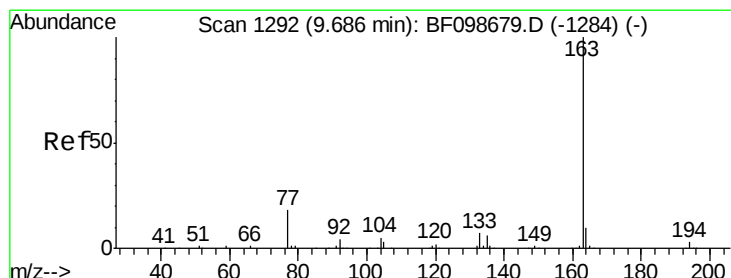
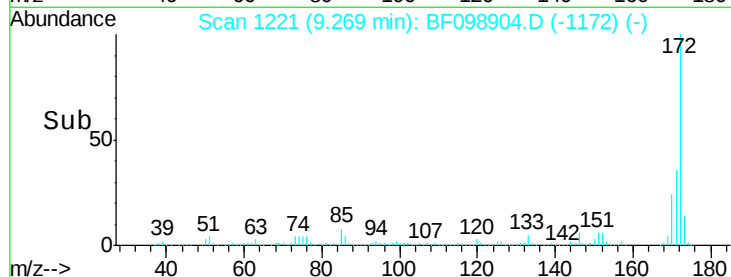
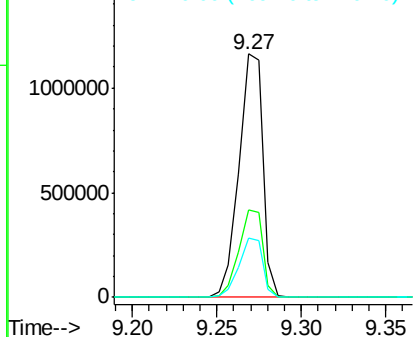
#44
2-Fluorobiphenyl
Concen: 81.66 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098904.D
Acq: 28 Sep 2017 13:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1149366
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.2 19.6 29.4

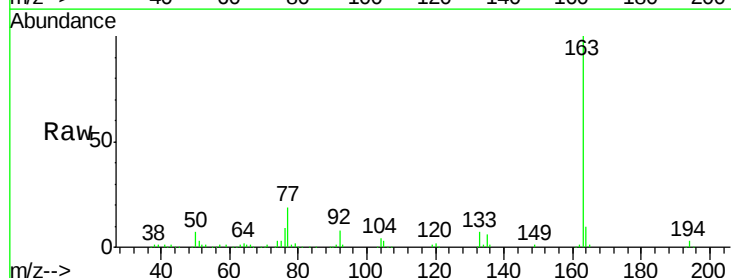


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

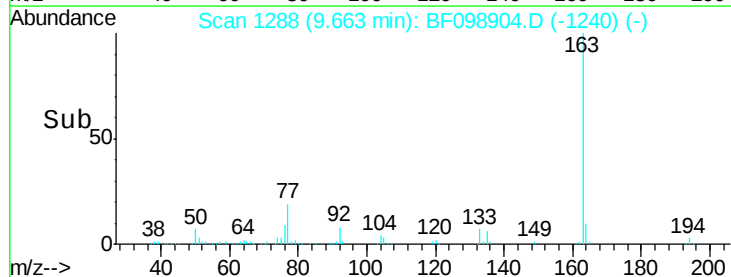
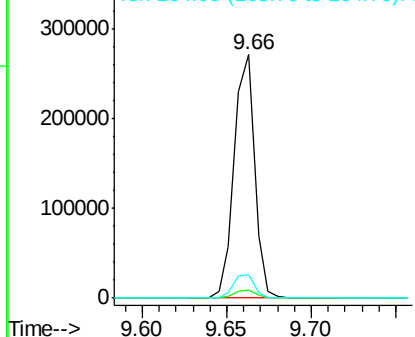


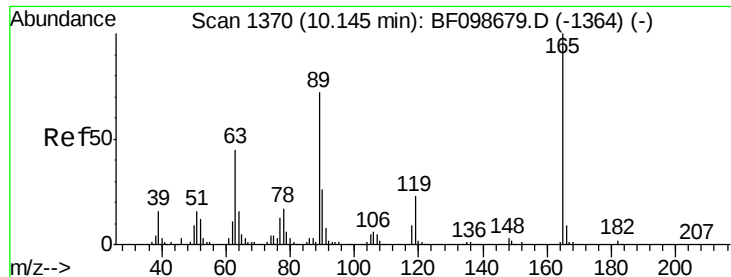
#49
Dimethylphthalate
Concen: 12.89 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098904.D
Acq: 28 Sep 2017 13:14

Tgt Ion:163 Resp: 228514
Ion Ratio Lower Upper
163 100
194 3.3 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

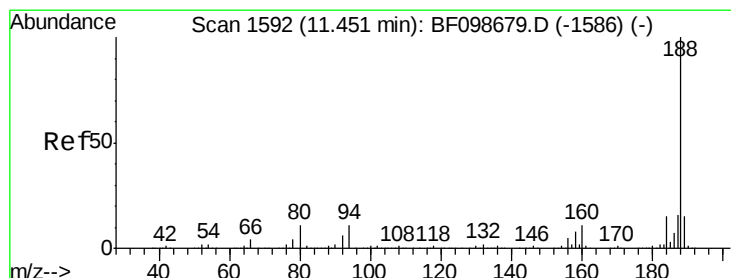
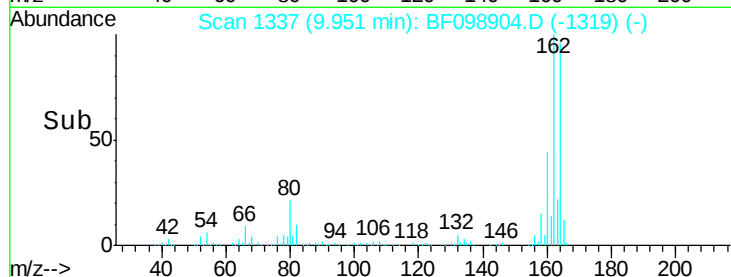
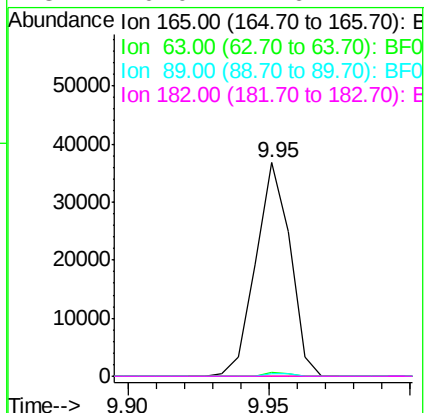
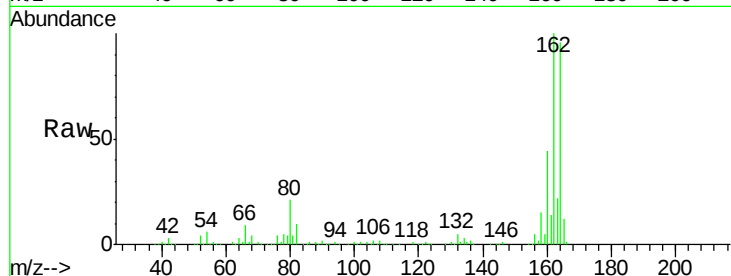




#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098904.D
 Acq: 28 Sep 2017 13:14

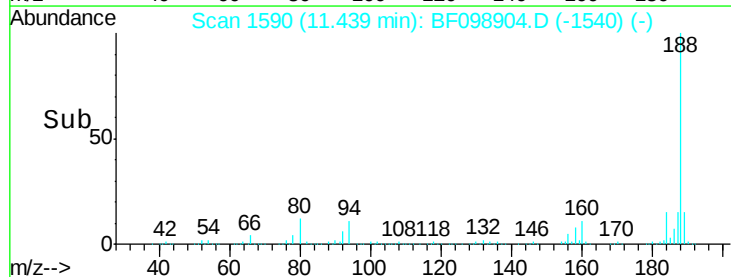
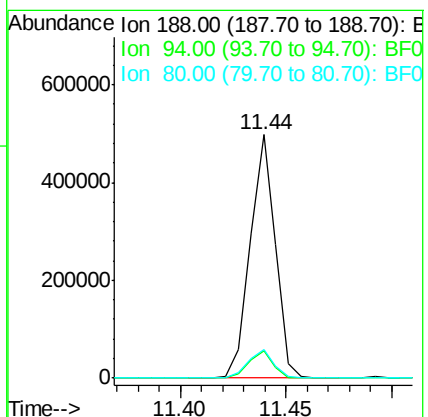
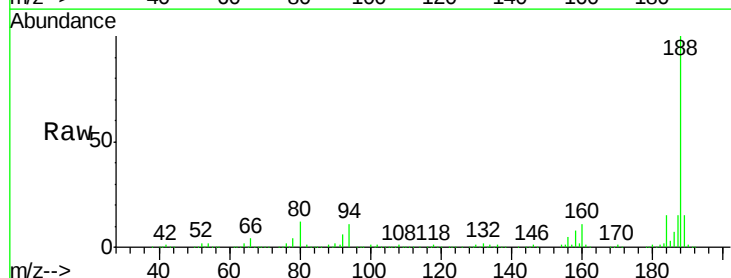
Instrument :
 BNA_F
 ClientSampleId :

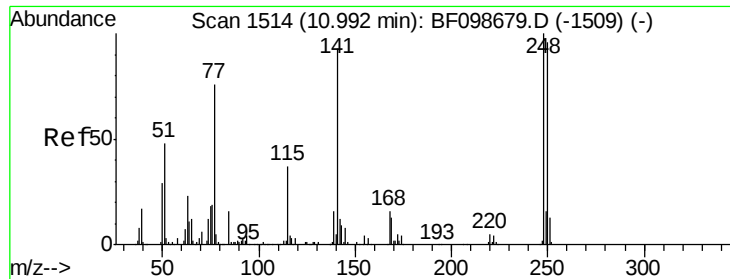
Tot Ion:165 Resp: 31015
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098904.D
 Acq: 28 Sep 2017 13:14

Tgt Ion:188 Resp: 410592
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.9 9.2 13.8

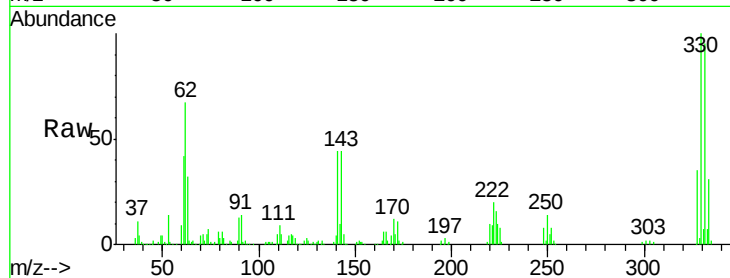




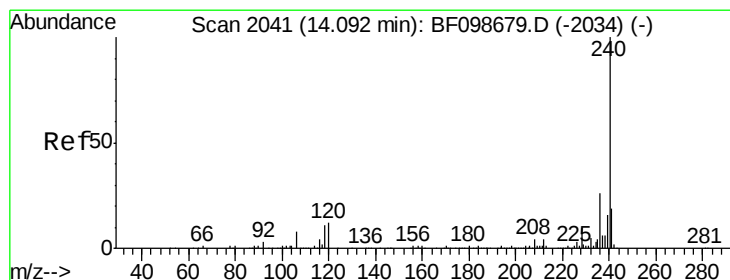
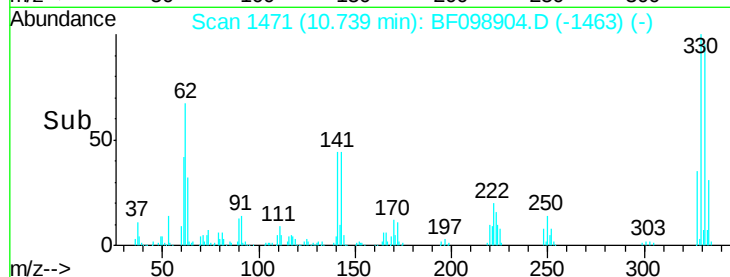
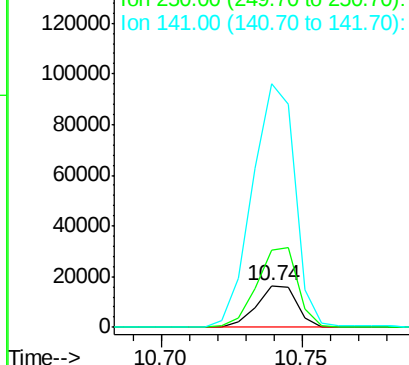
#66
 4-Bromophenyl-phenylether
 Concen: 4.05 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.25 min
 Lab File: BF098904.D
 Acq: 28 Sep 2017 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 16283
 Ion Ratio Lower Upper
 248 100
 250 184.3 76.9 115.3#
 141 583.5 74.4 111.6#

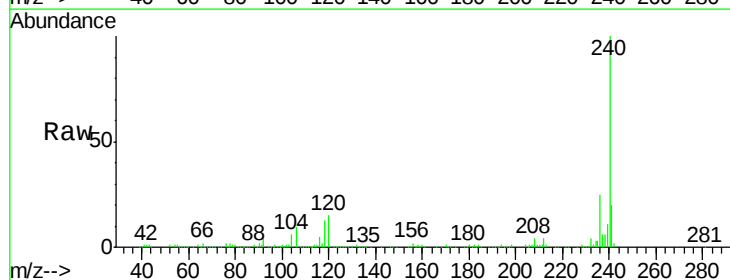


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

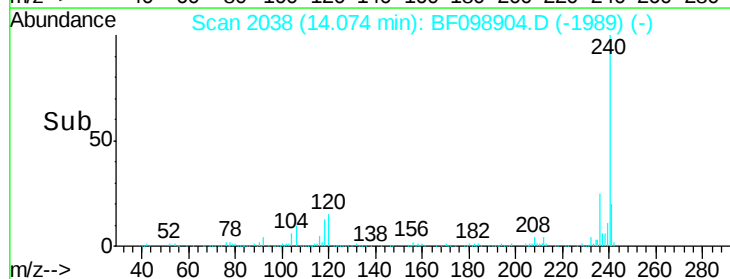
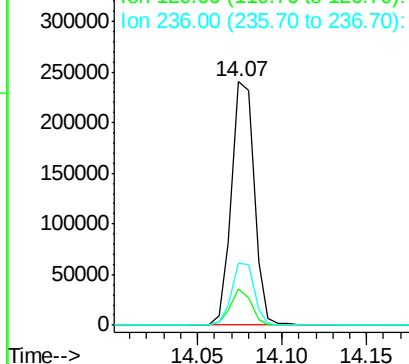


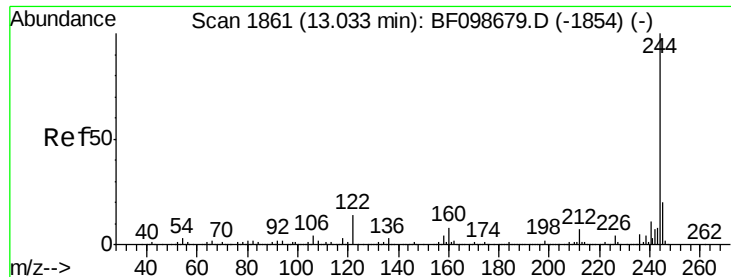
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF098904.D
 Acq: 28 Sep 2017 13:14

Tgt Ion:240 Resp: 225111
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 25.2 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: 86.08 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098904.D

Acq: 28 Sep 2017 13:14

Instrument :

BNA_F

ClientSampled :

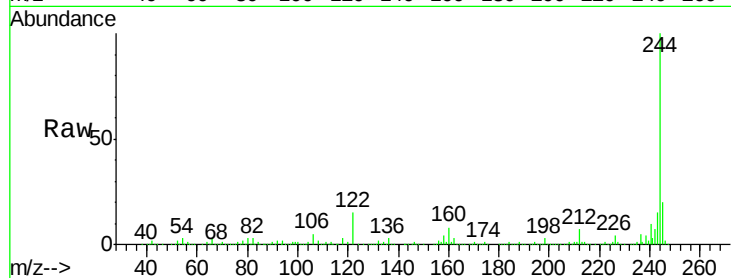
Tot Ion:244 Resp: 852103

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

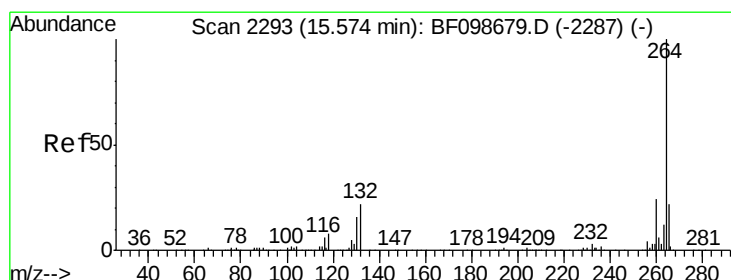
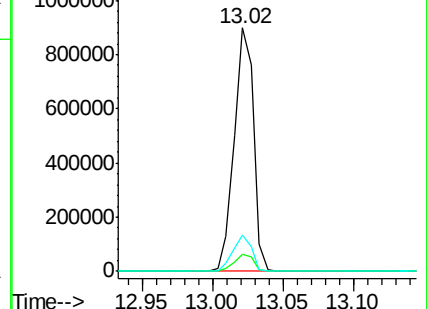
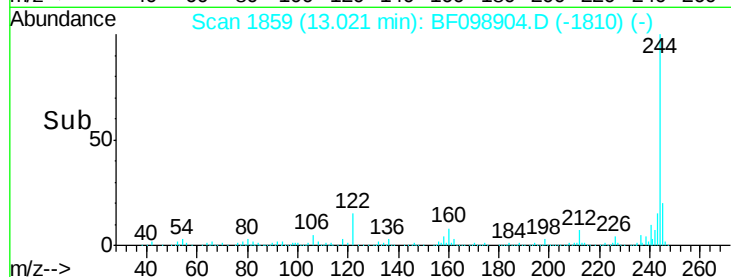
122 14.8 11.0 16.4



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: BF098904.D

Acq: 28 Sep 2017 13:14

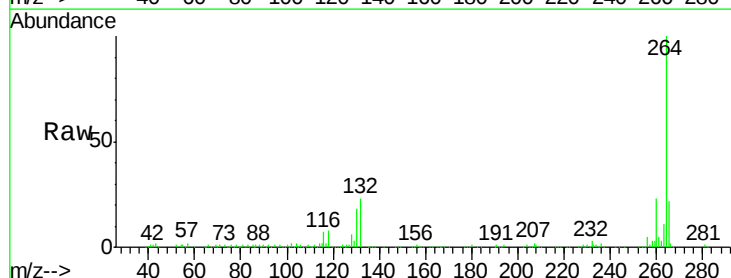
Tgt Ion:264 Resp: 218008

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.9 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

