

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098840.D
 Acq On : 26 Sep 2017 18:54
 Operator : SJ/JU
 Sample : PB102610BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 00:48:15 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

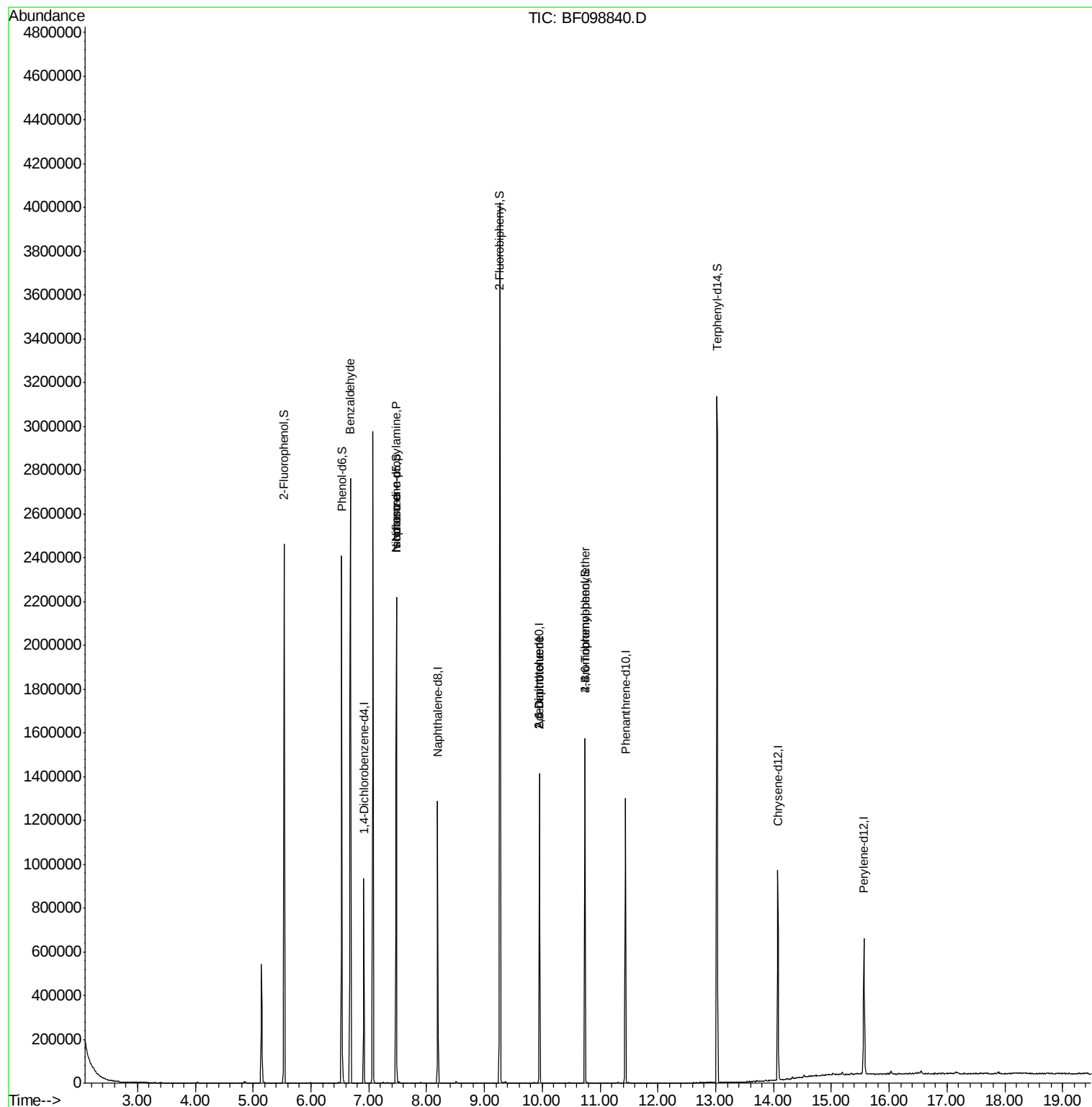
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	140185	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	576218	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	255657	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	425008	20.00	ng	0.00
75) Chrysene-d12	14.07	240	288116	20.00	ng	-0.01
86) Perylene-d12	15.57	264	273438	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	741745	84.23	ng	0.00
7) Phenol-d6	6.53	99	883759	81.35	ng	-0.01
23) Nitrobenzene-d5	7.47	82	756549	84.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	161106	77.01	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1365775	89.18	ng	-0.01
78) Terphenyl-d14	13.02	244	1015842	80.18	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.68	77	16086	2.55	ng	88
19) n-Nitroso-di-n-propylamine	7.47	70	97859	14.11	ng	# 77
25) Isophorone	7.47	82	756535	40.72	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	31872	7.59	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	31872	5.85	ng	# 24
66) 4-Bromophenyl-phenylether	10.74	248	10671	2.57	ng	# 1

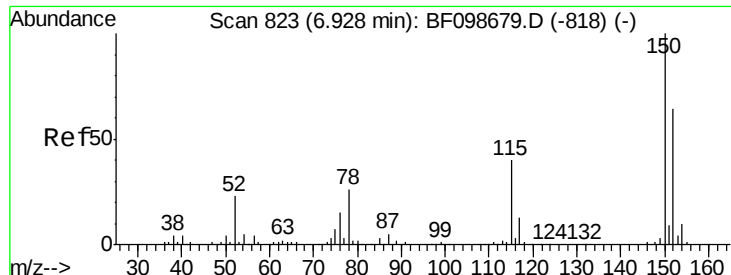
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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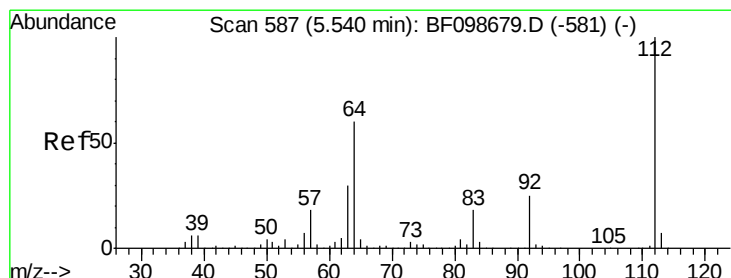
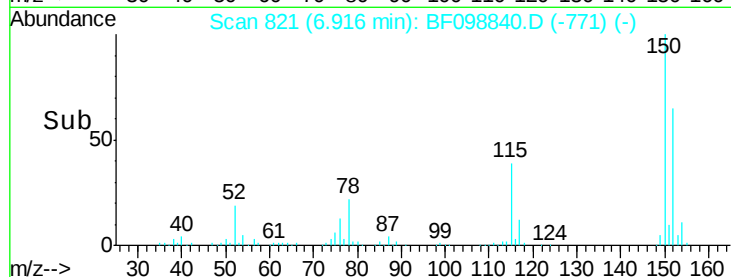
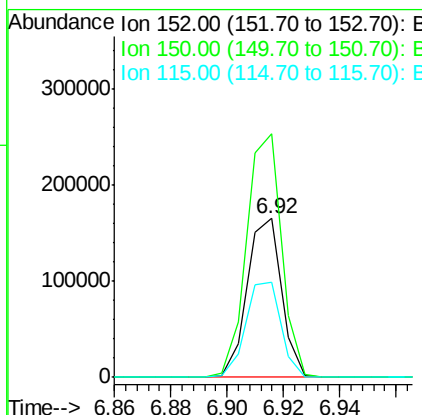
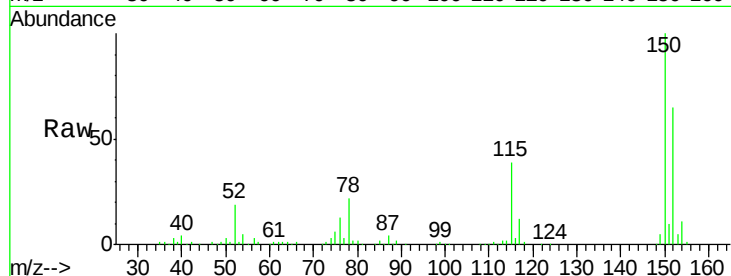


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098840.D
Acq: 26 Sep 2017 18:54

Instrument :
BNA_F
ClientSampleId :

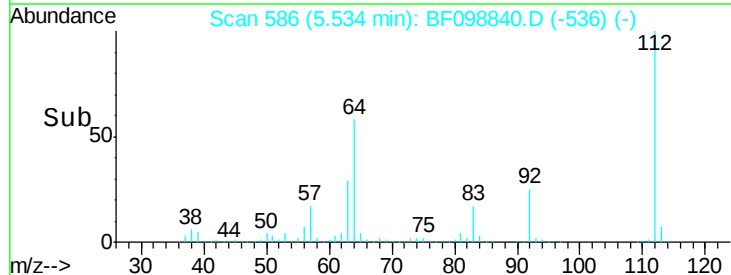
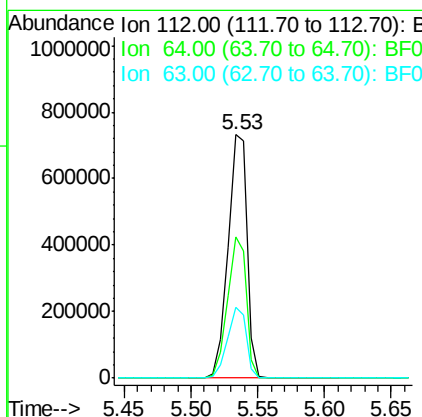
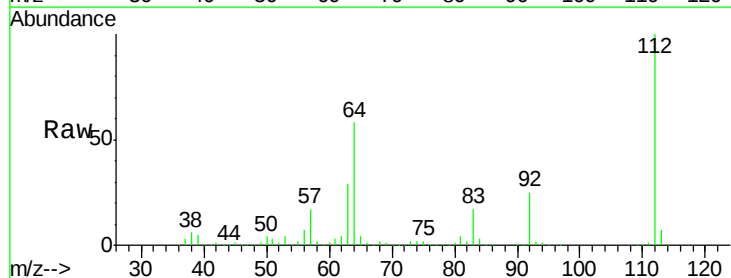
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	59.9	50.1	75.1



#5

2-Fluorophenol
Concen: 84.23 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098840.D
Acq: 26 Sep 2017 18:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	29.3	23.7	35.5





#7

Phenol-d6

Concen: 81.35 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098840.D

Acq: 26 Sep 2017 18:54

Instrument :

BNA_F

ClientSampled :

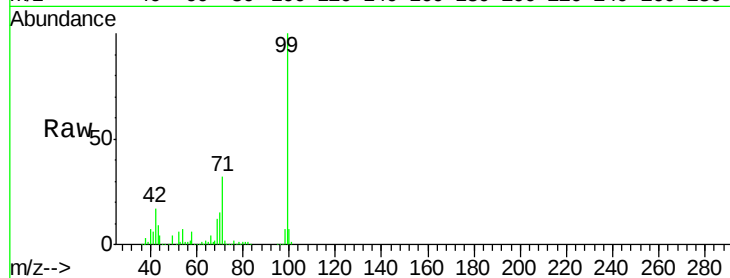
Tot Ion: 99 Resp: 883759

Ion Ratio Lower Upper

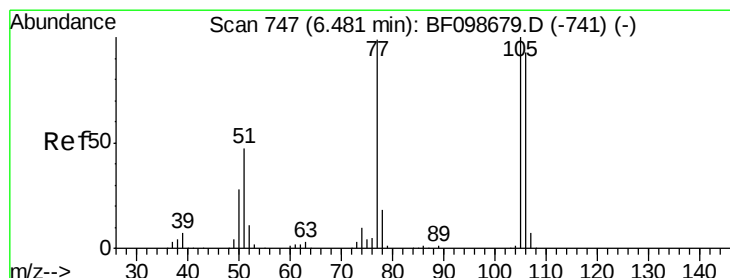
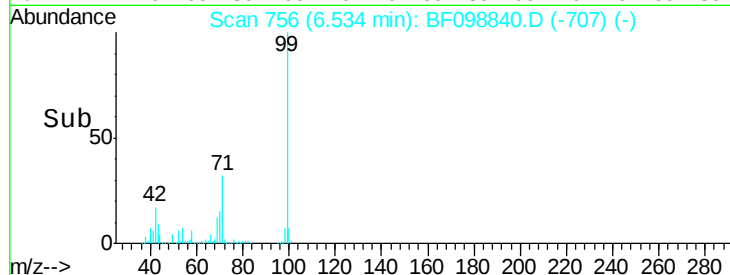
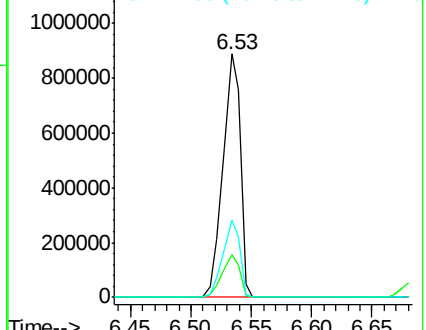
99 100

42 17.3 14.5 21.7

71 31.6 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



#9

Benzaldehyde

Concen: 2.55 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.21 min

Lab File: BF098840.D

Acq: 26 Sep 2017 18:54

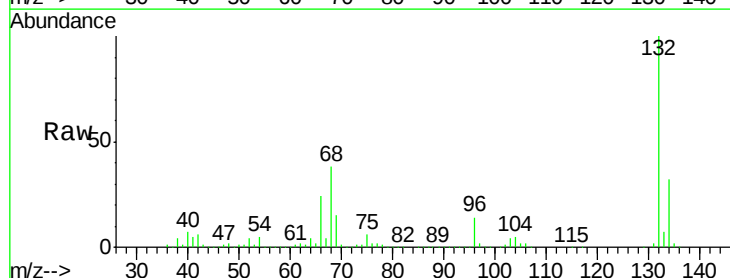
Tgt Ion: 77 Resp: 16086

Ion Ratio Lower Upper

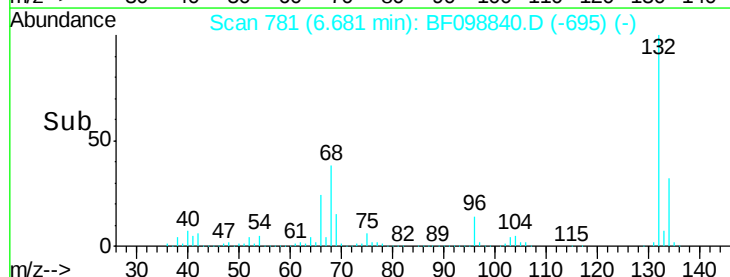
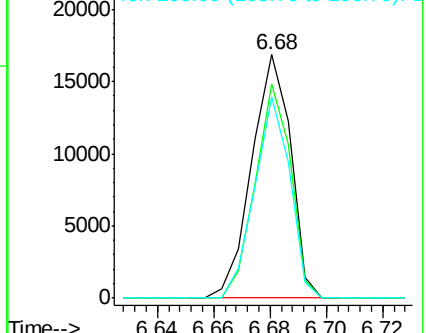
77 100

105 88.2 81.1 121.1

106 82.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

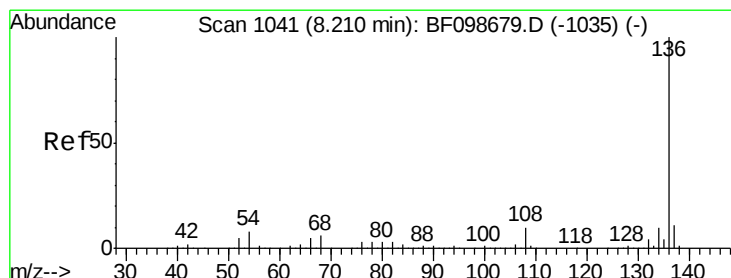
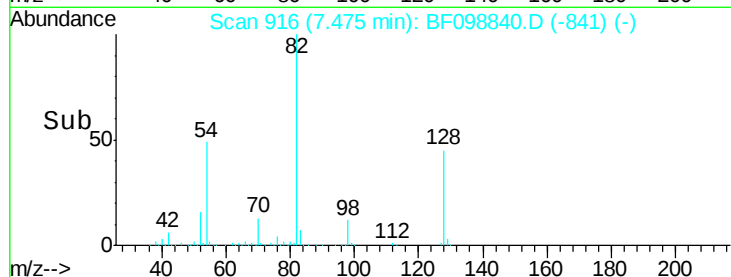
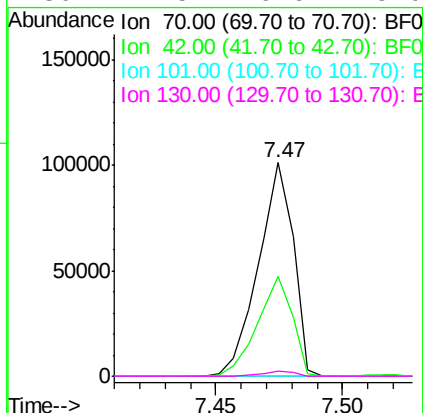
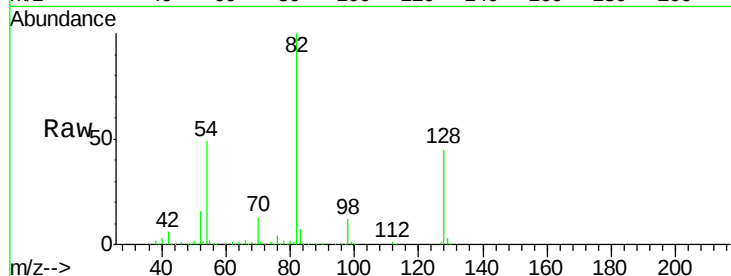




#19
n-Nitroso-di-n-propylamine
Concen: 14.11 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098840.D
Acq: 26 Sep 2017 18:54

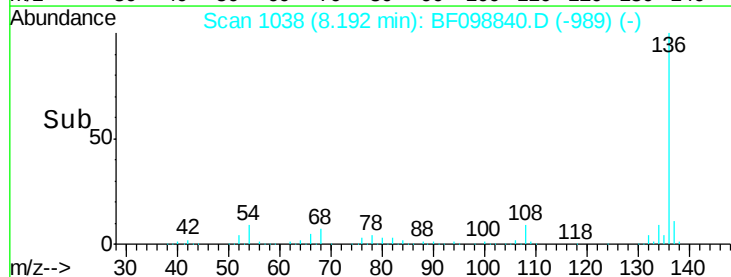
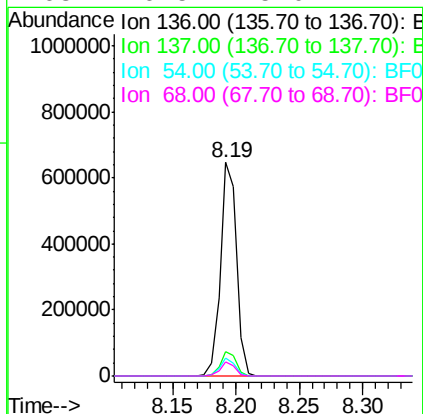
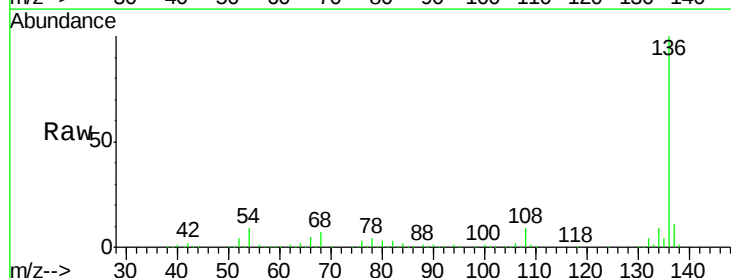
Instrument :
BNA_F
ClientSampleId :

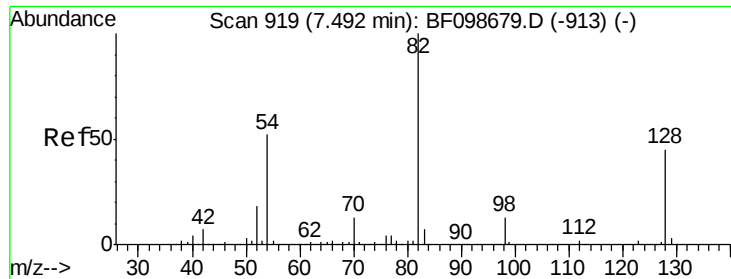
Tot Ion: 70 Resp: 97859
Ion Ratio Lower Upper
70 100
42 46.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098840.D
Acq: 26 Sep 2017 18:54

Tgt Ion: 136 Resp: 576218
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.6 6.6 9.8
68 6.5 5.0 7.4

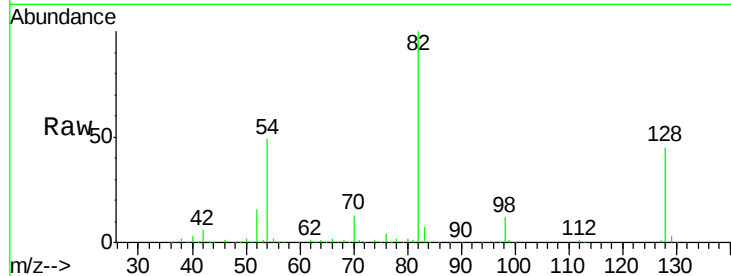




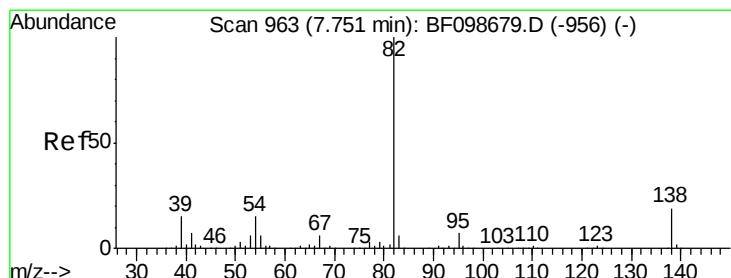
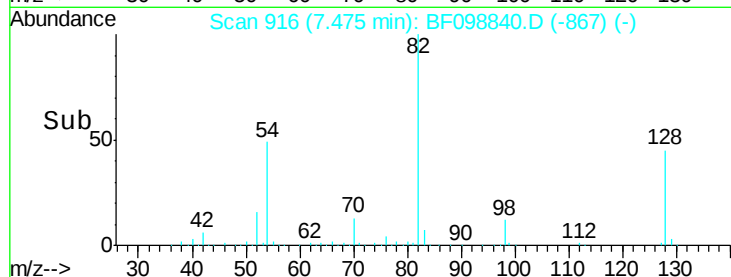
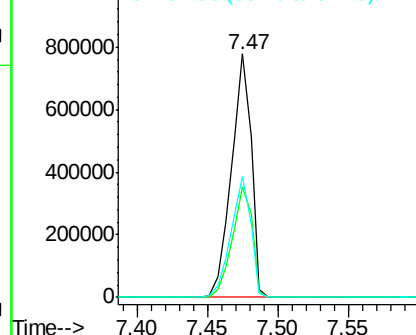
#23
 Nitrobenzene-d5
 Concen: 84.20 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098840.D
 Acq: 26 Sep 2017 18:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 756549
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.1 54.1
 54 49.4 41.4 62.2

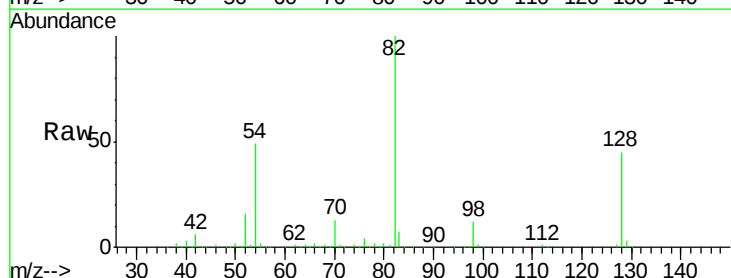


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

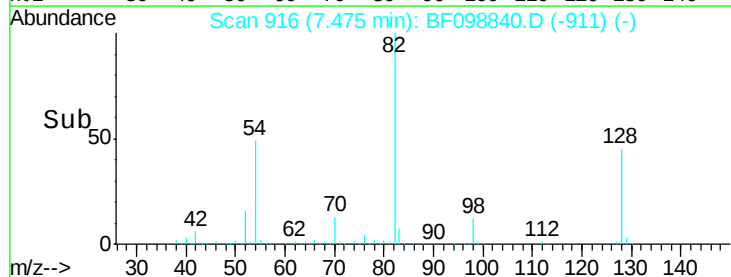
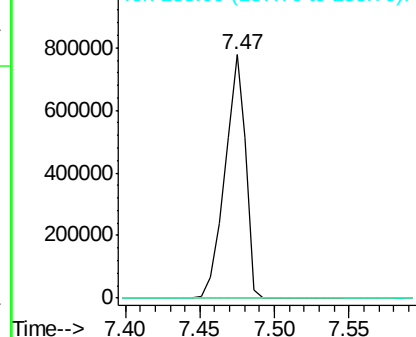


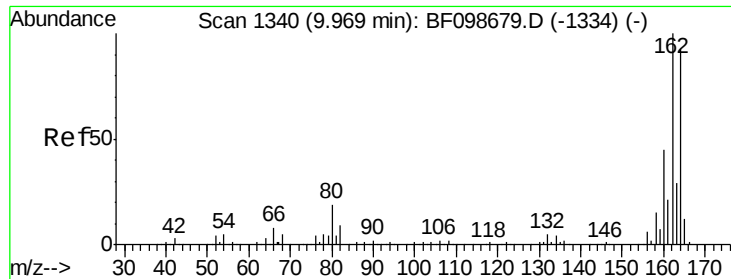
#25
 Isophorone
 Concen: 40.72 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.27 min
 Lab File: BF098840.D
 Acq: 26 Sep 2017 18:54

Tgt Ion: 82 Resp: 756535
 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

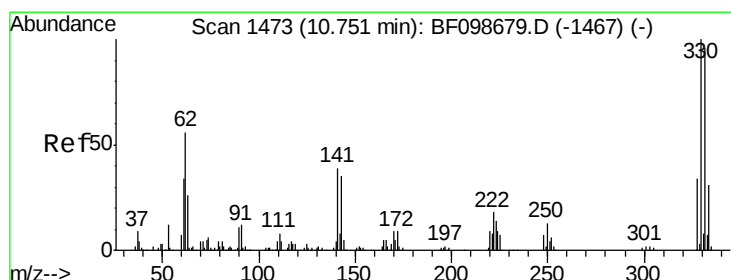
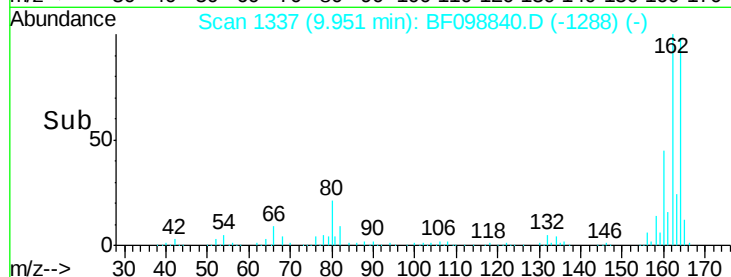
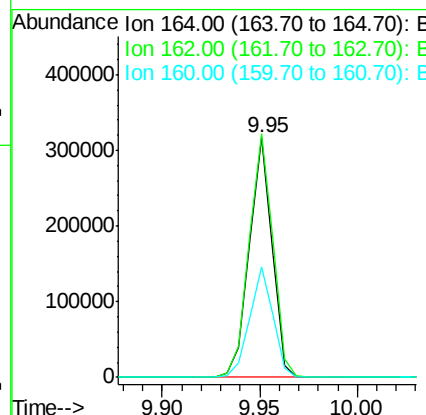
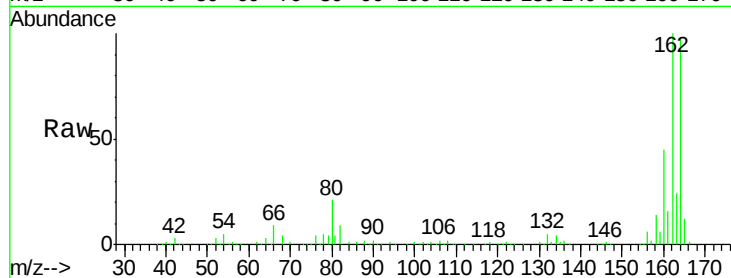




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098840.D
 Acq: 26 Sep 2017 18:54

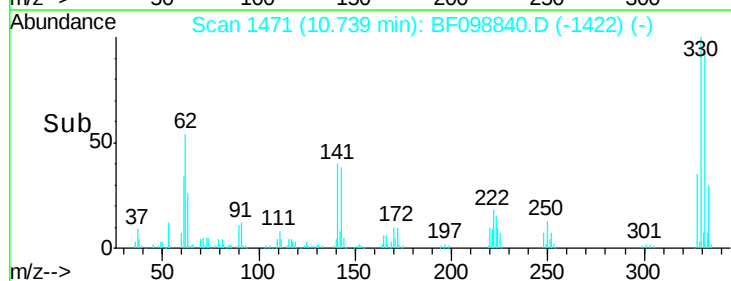
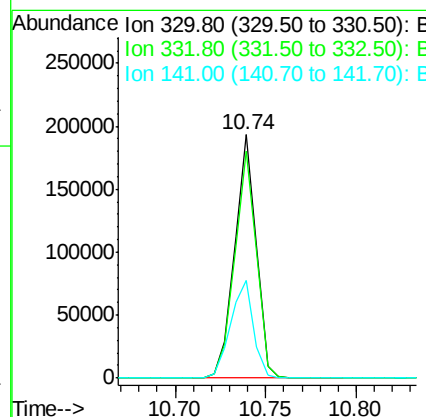
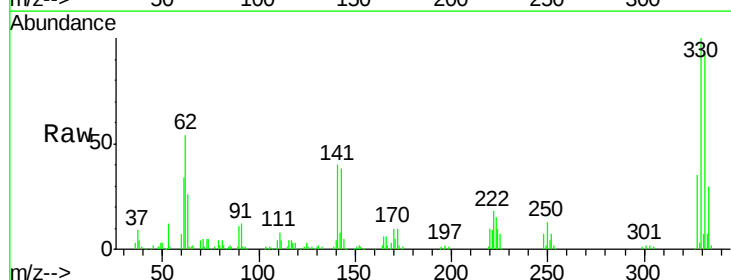
Instrument :
 BNA_F
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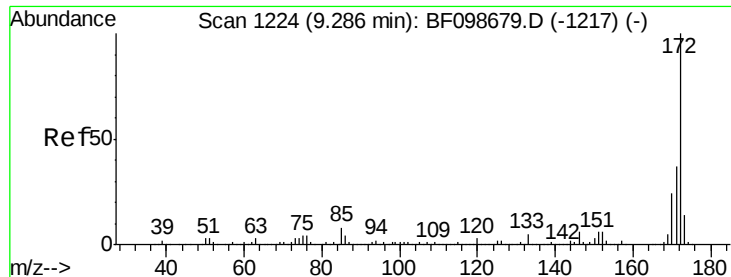
Tot Ion:164 Resp: 255657
 Ion Ratio Lower Upper
 164 100
 162 101.8 86.1 129.1
 160 45.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 77.01 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098840.D
 Acq: 26 Sep 2017 18:54

Tgt Ion:330 Resp: 161106
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 42.5 29.9 44.9



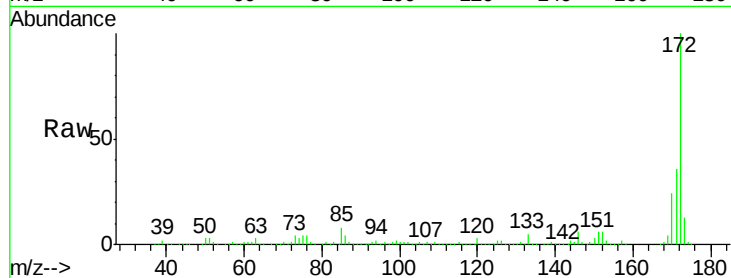


#44
 2-Fluorobiphenyl
 Concen: 89.18 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098840.D
 Acq: 26 Sep 2017 18:54

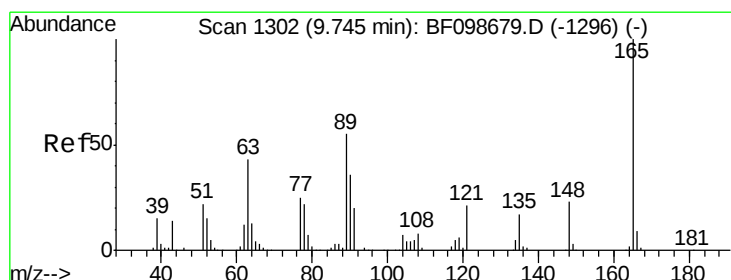
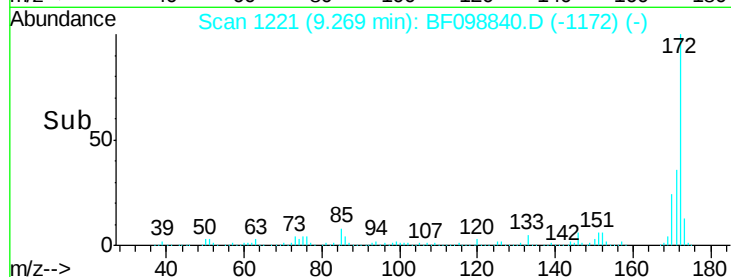
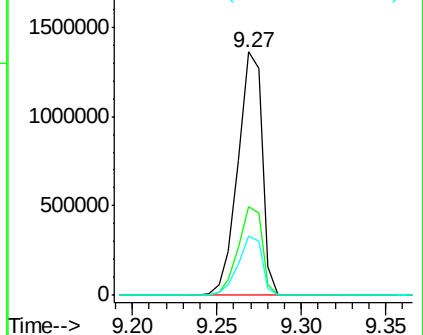
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1365775

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4



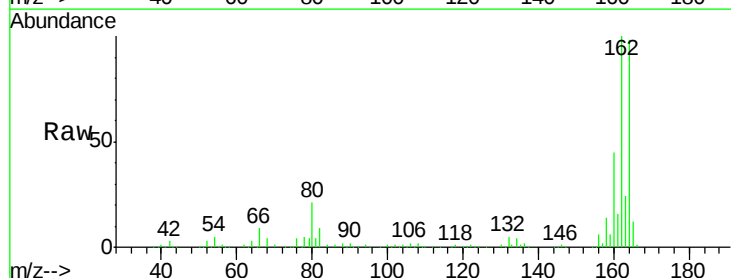
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



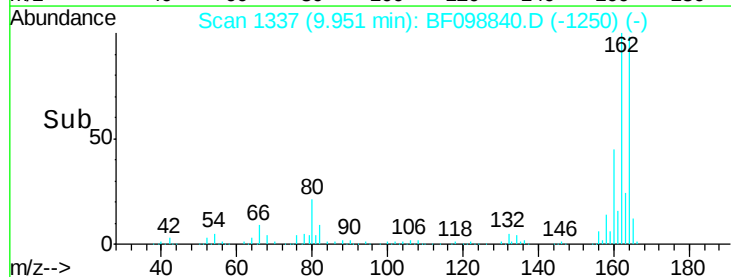
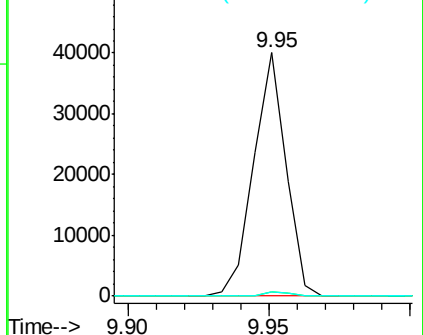
#50
 2,6-Dinitrotoluene
 Concen: 7.59 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098840.D
 Acq: 26 Sep 2017 18:54

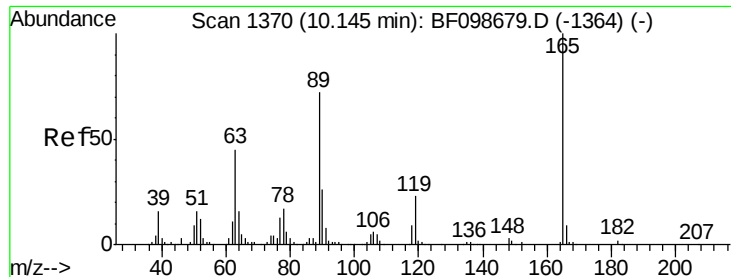
Tgt Ion:165 Resp: 31872

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.6	44.0	66.0#



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

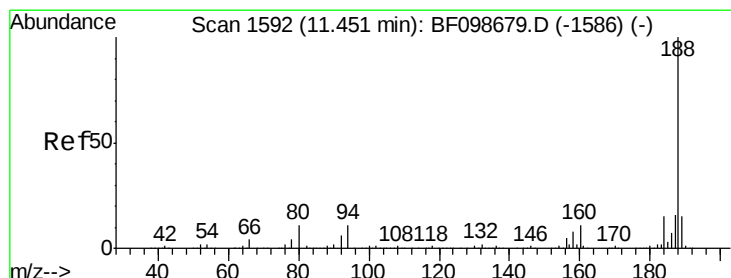
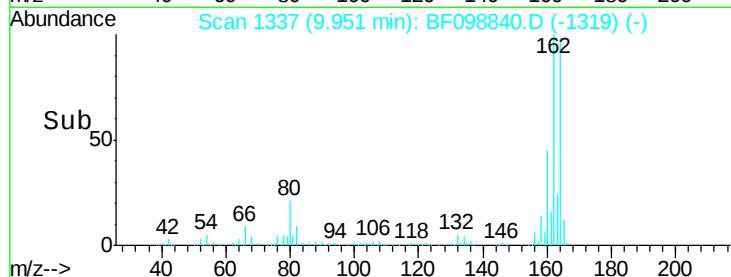
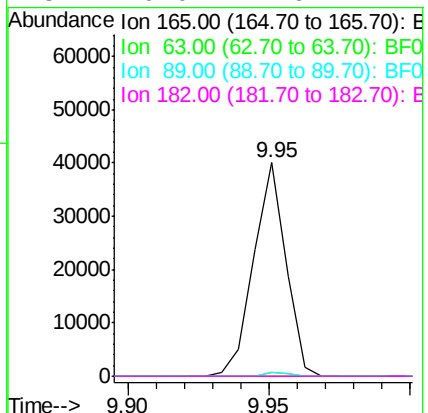
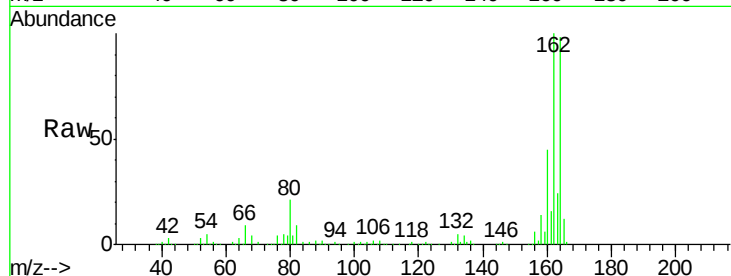




#56
 2,4-Dinitrotoluene
 Concen: 5.85 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098840.D
 Acq: 26 Sep 2017 18:54

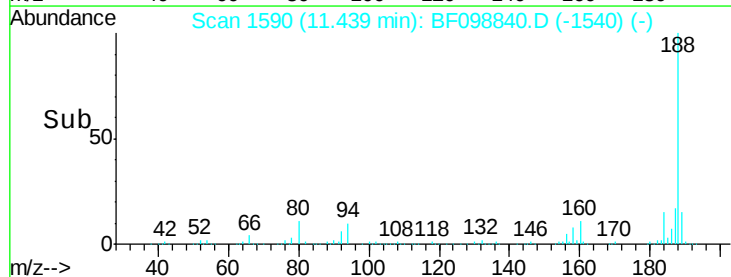
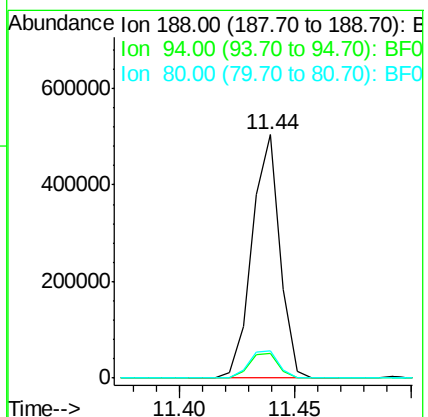
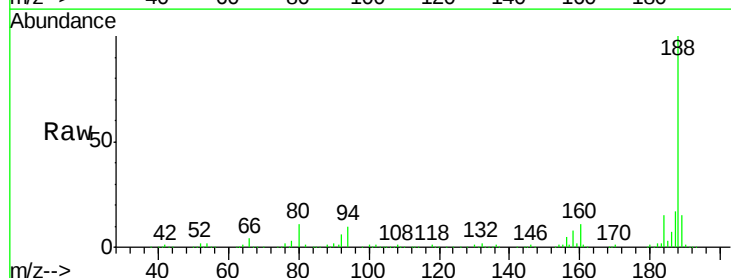
Instrument :
 BNA_F
 ClientSampleId :

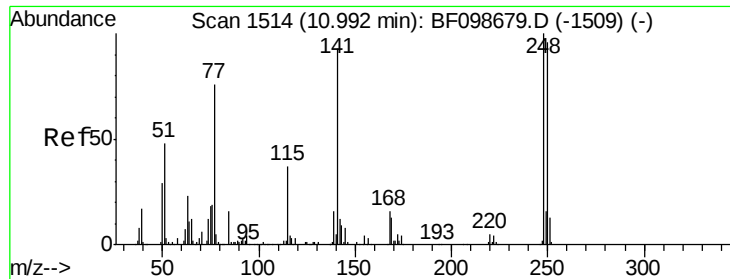
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098840.D
 Acq: 26 Sep 2017 18:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.2	9.2	13.8

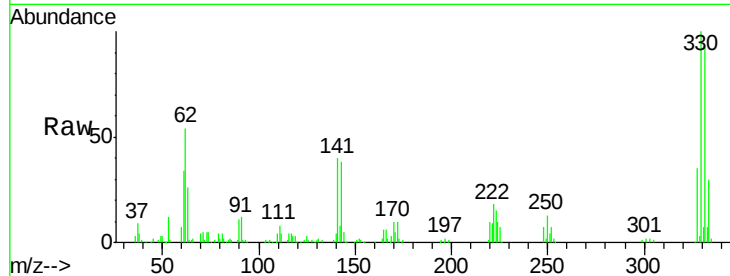




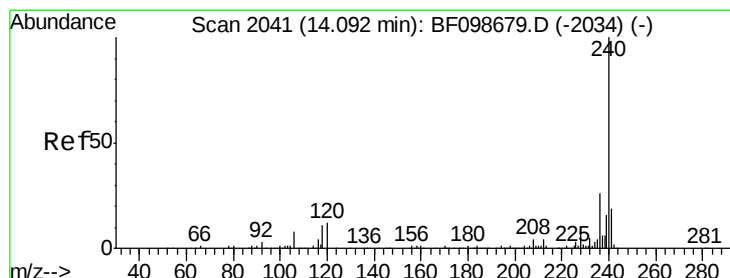
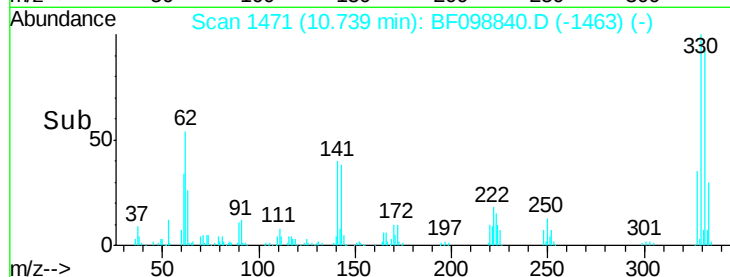
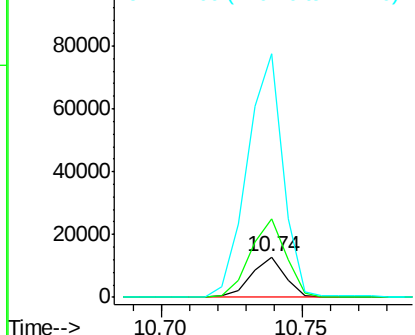
#66
4-Bromophenyl-phenylether
Concen: 2.57 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098840.D
Acq: 26 Sep 2017 18:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10671
Ion Ratio Lower Upper
248 100
250 194.4 76.9 115.3#
141 599.6 74.4 111.6#

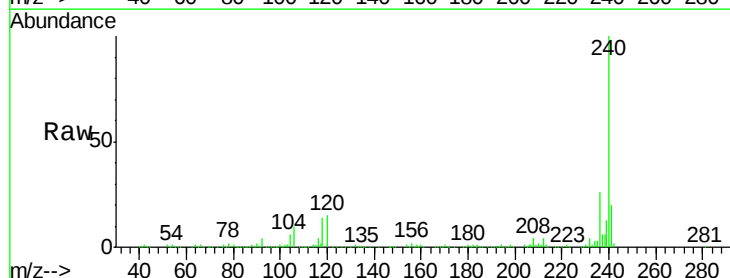


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

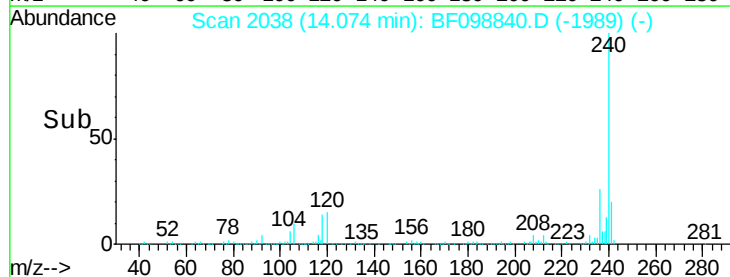
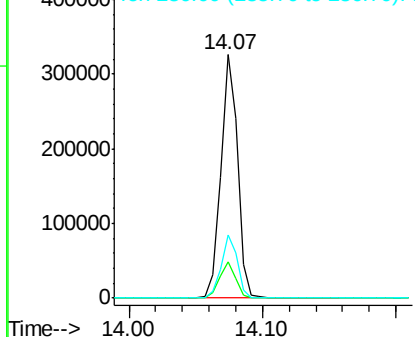


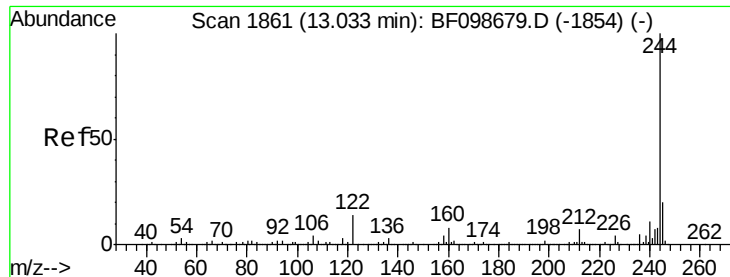
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098840.D
Acq: 26 Sep 2017 18:54

Tgt Ion:240 Resp: 288116
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 25.9 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

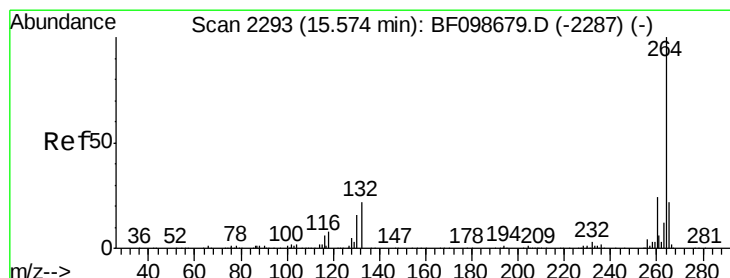
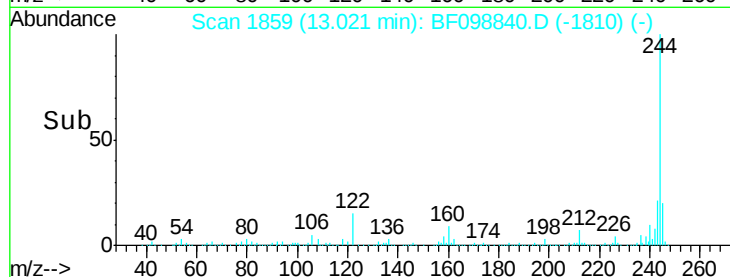
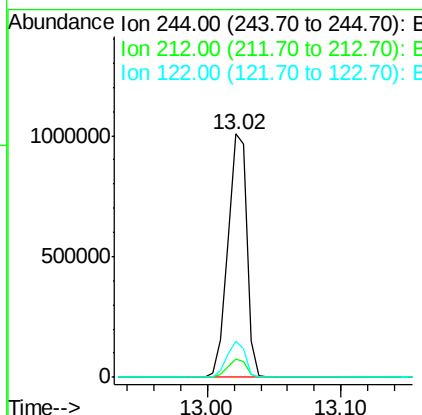
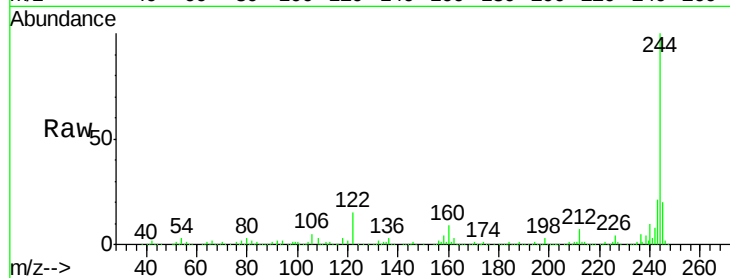




#78
 Terphenyl-d14
 Concen: 80.18 ng
 RT: 13.02 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BF098840.D
 Acq: 26 Sep 2017 18:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1015842
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 14.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098840.D
 Acq: 26 Sep 2017 18:54

Tgt Ion:264 Resp: 273438
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.4 17.5 26.3

