

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
 Data File : BF096241.D
 Acq On : 28 Jun 2017 2:48
 Operator : SJ/MA
 Sample : I3874-06 100X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 04:12:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

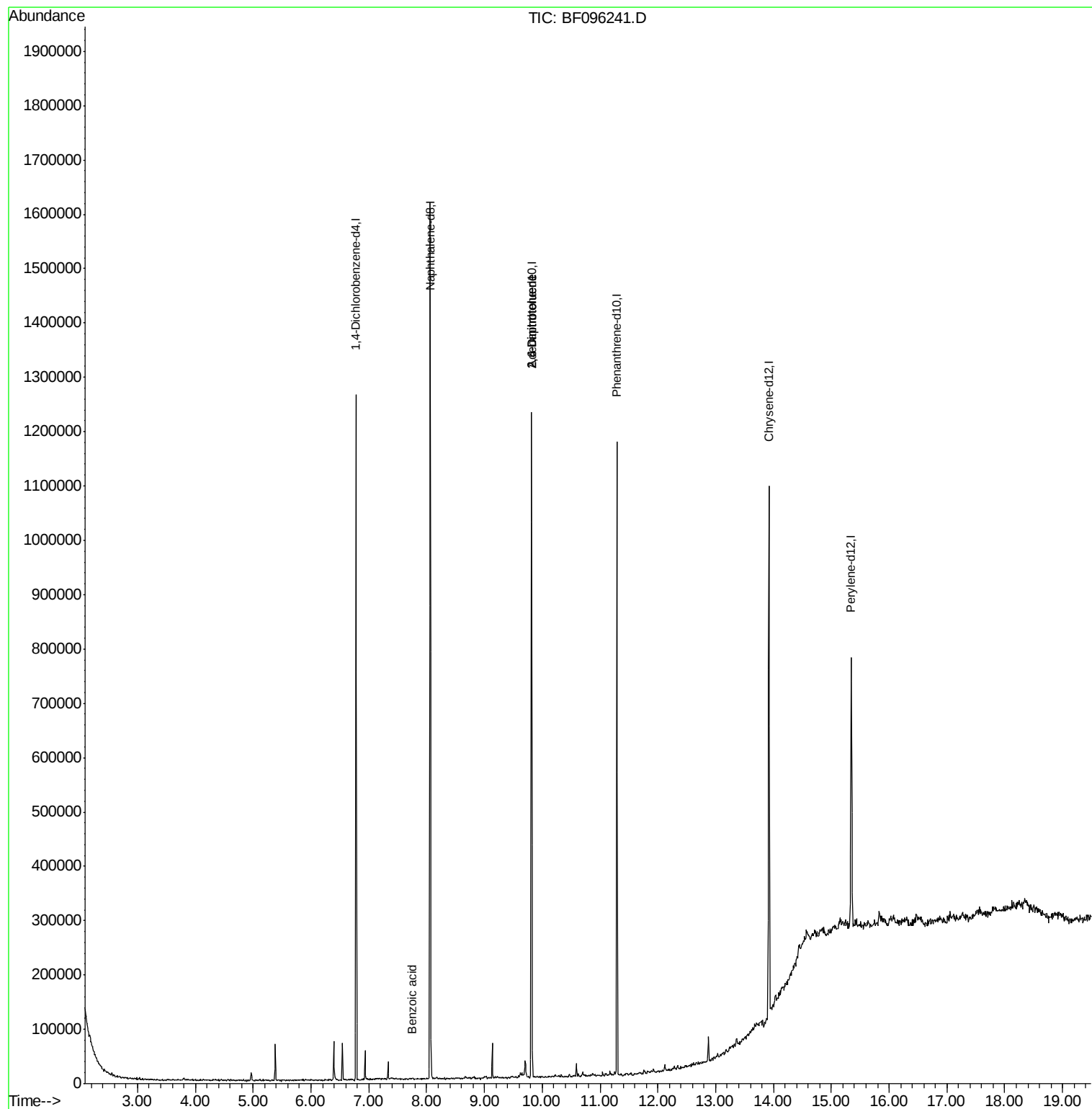
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	159216	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	621650	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	226237	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	357506	20.00	ng	0.00
75) Chrysene-d12	13.92	240	294900	20.00	ng	0.00
86) Perylene-d12	15.34	264	212593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	16627	1.50	ng	0.00
7) Phenol-d6	6.40	99	18619	1.39	ng	0.00
23) Nitrobenzene-d5	7.33	82	8639	0.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	2498	1.40	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	18250	1.48	ng	-0.02
78) Terphenyl-d14	12.87	244	11563	0.98	ng	0.00
Target Compounds						
9) Benzaldehyde	6.40	77	114	Below Cal	#	1
32) Benzoic acid	7.75	122	125	8.80	ng	41
50) 2,6-Dinitrotoluene	9.82	165	29030	8.62	ng	32
56) 2,4-Dinitrotoluene	9.82	165	29030	6.84	ng	32
70) Phenanthrene	11.32	178	244	Below Cal	#	59

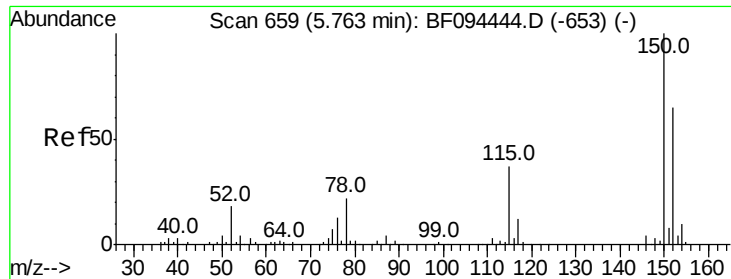
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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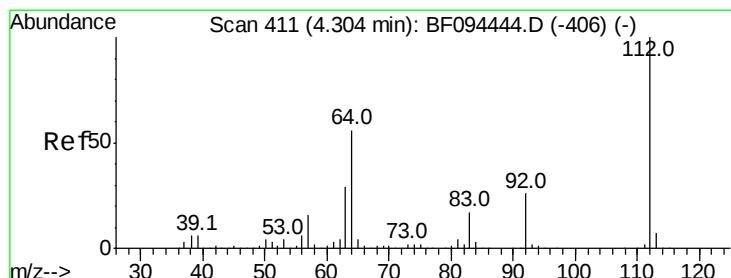
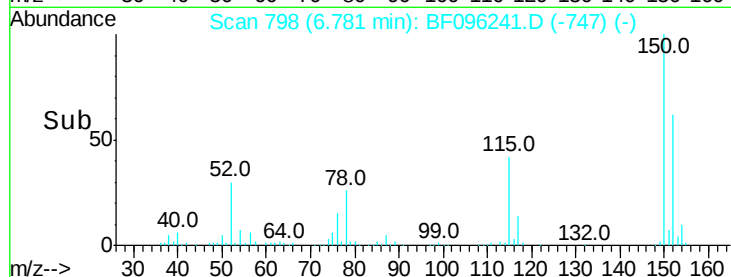
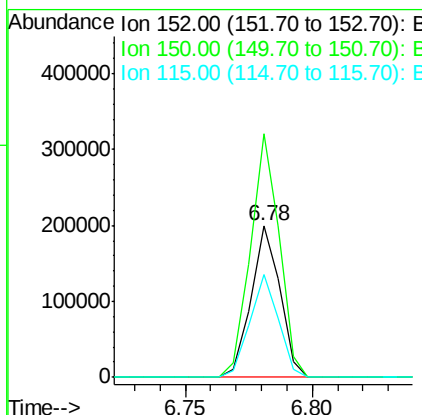
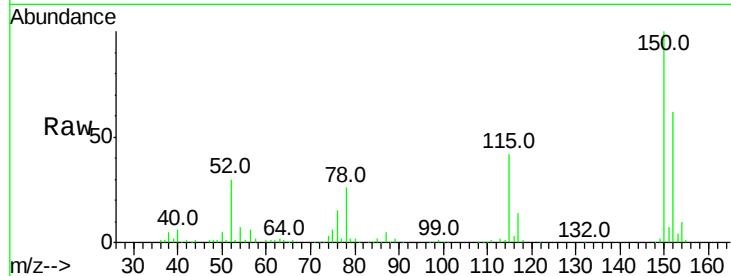


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF096241.D
Acq: 28 Jun 2017 2:48

Instrument :
BNA_F
ClientSampleId :

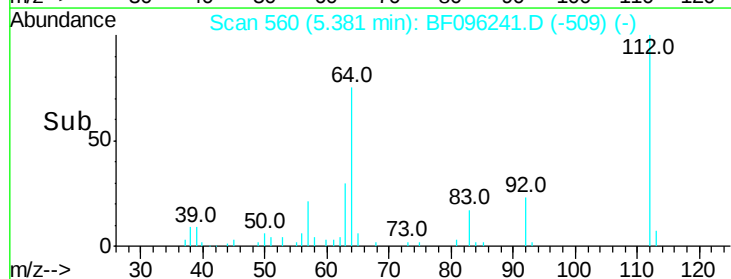
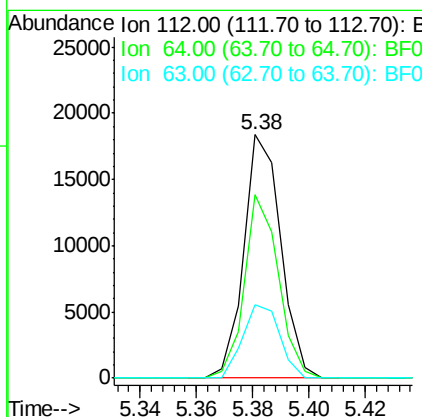
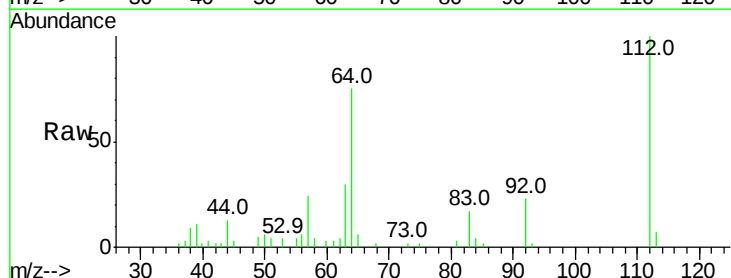
Tot Ion:152 Resp: 159216
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 67.5 52.2 78.2

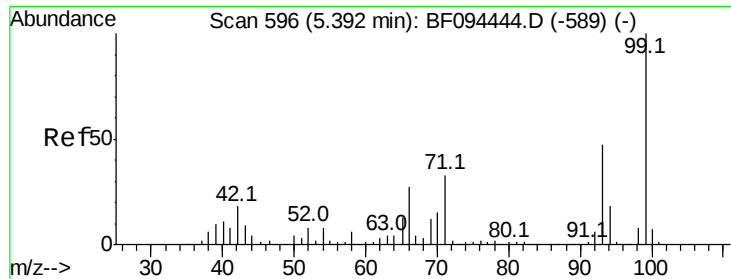


#5

2-Fluorophenol
Concen: 1.50 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF096241.D
Acq: 28 Jun 2017 2:48

Tgt Ion:112 Resp: 16627
Ion Ratio Lower Upper
112 100
64 75.4 46.0 69.0#
63 30.1 23.4 35.0





#7

Phenol-d6

Concen: 1.39 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096241.D

Acq: 28 Jun 2017 2:48

Instrument :

BNA_F

ClientSampleId :

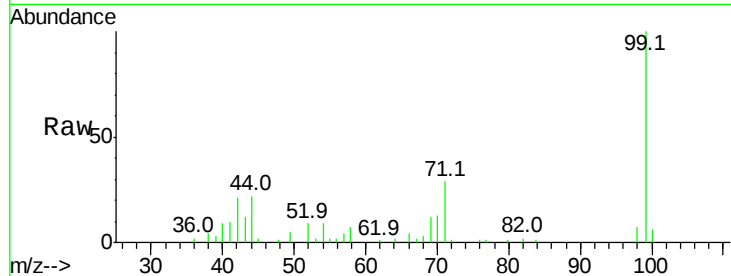
Tot Ion: 99 Resp: 18619

Ion Ratio Lower Upper

99 100

42 21.1 13.5 20.3#

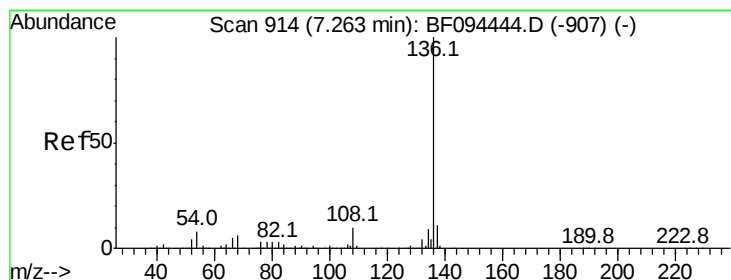
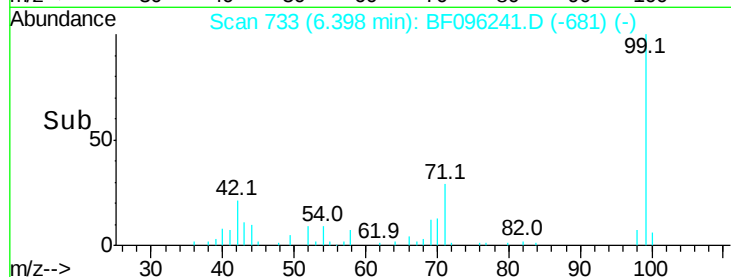
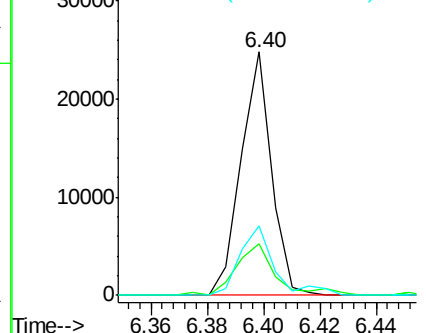
71 28.7 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096241.D

Acq: 28 Jun 2017 2:48

Tgt Ion: 136 Resp: 621650

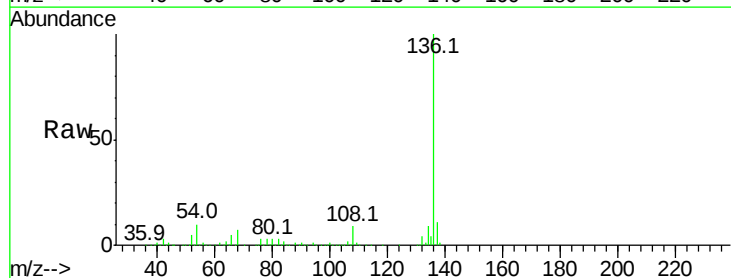
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.3 4.9 7.3#

68 6.7 4.1 6.1#

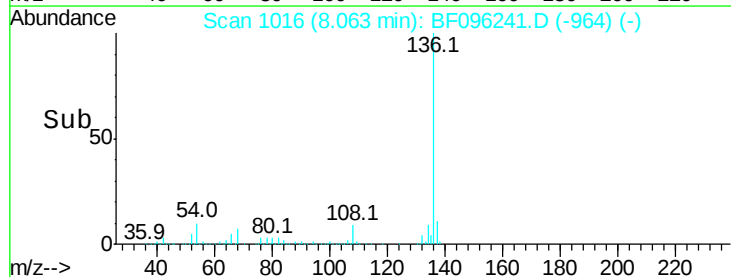
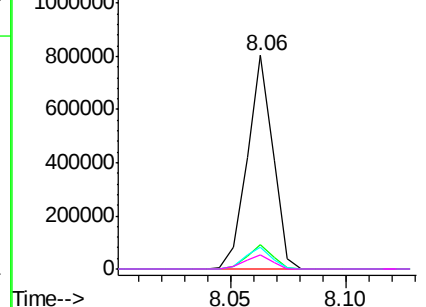


Abundance Ion 136.00 (135.70 to 136.70): E

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

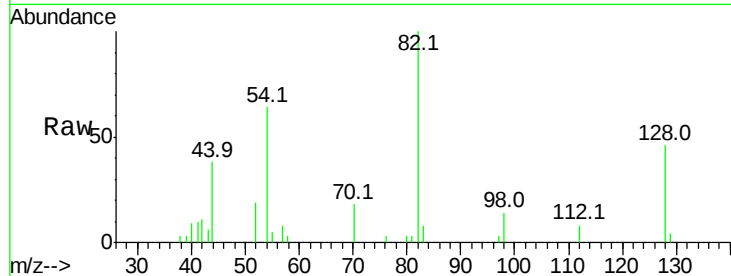




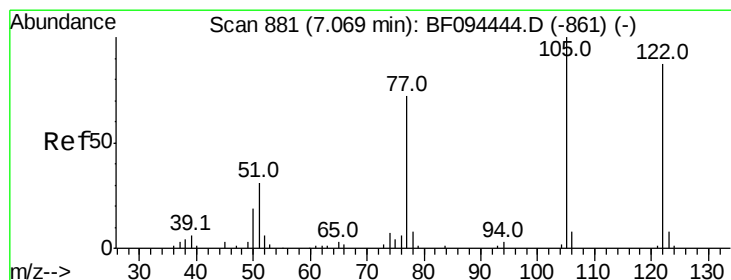
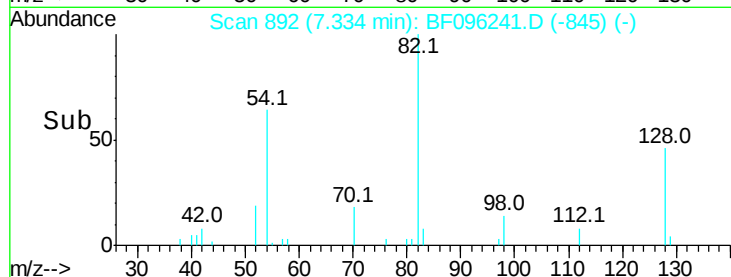
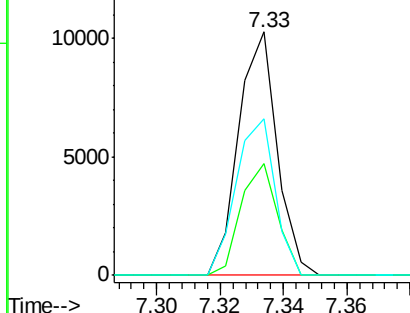
#23
 Nitrobenzene-d5
 Concen: 0.96 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF096241.D
 Acq: 28 Jun 2017 2:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 8639
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 64.3 42.2 63.2#

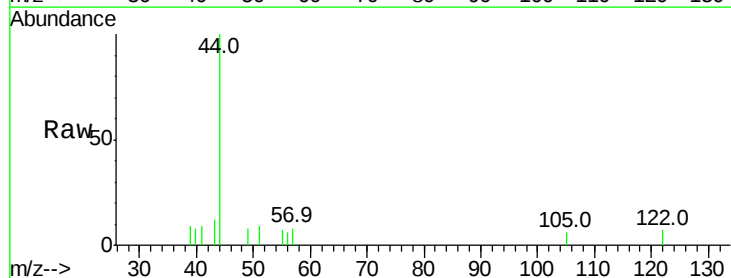


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

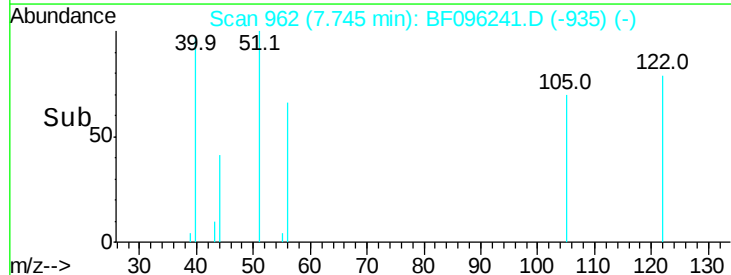
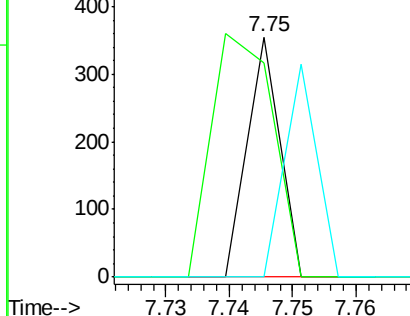


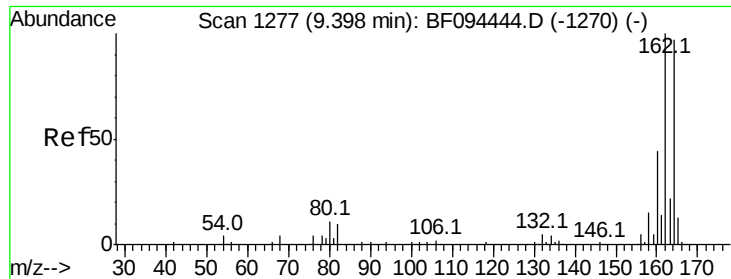
#32
 Benzoic acid
 Concen: 8.80 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.14 min
 Lab File: BF096241.D
 Acq: 28 Jun 2017 2:48

Tgt Ion:122 Resp: 125
 Ion Ratio Lower Upper
 122 100
 105 89.0 103.3 143.3#
 77 0.0 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): BF0
 Ion 105.00 (104.70 to 105.70): BF0
 Ion 77.00 (76.70 to 77.70): BF0

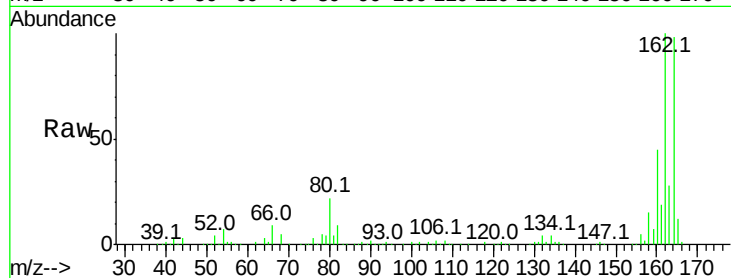




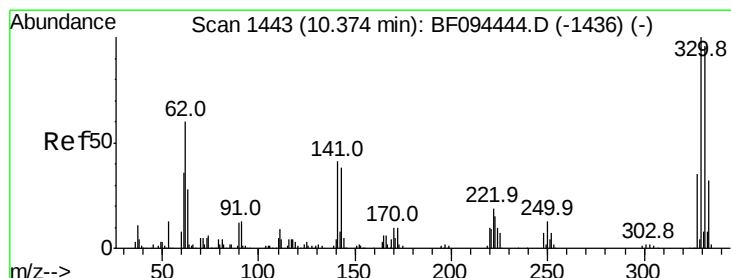
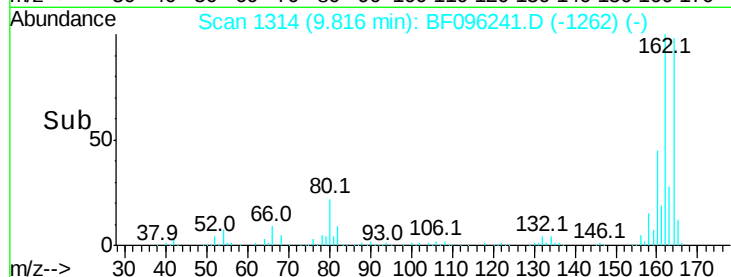
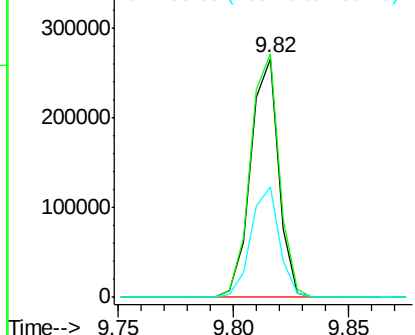
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096241.D
Acq: 28 Jun 2017 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 226237
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 46.1 36.2 54.2

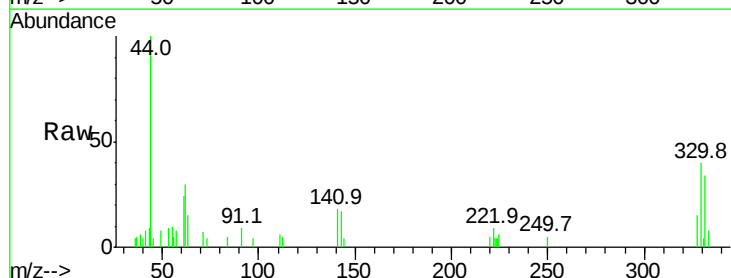


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

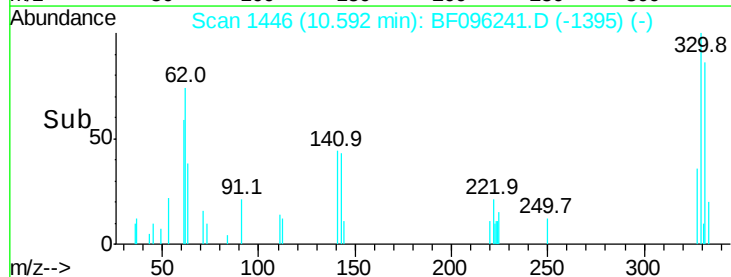
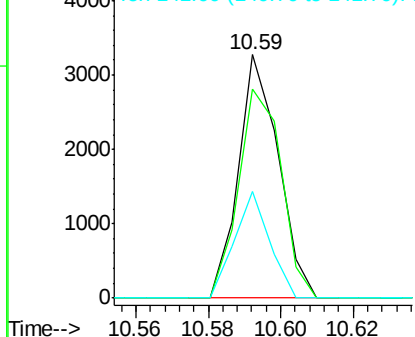


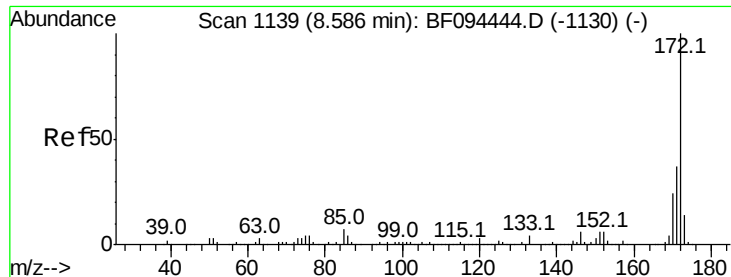
#41
2,4,6-Tribromophenol
Concen: 1.40 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF096241.D
Acq: 28 Jun 2017 2:48

Tgt Ion:330 Resp: 2498
Ion Ratio Lower Upper
330 100
332 92.0 76.6 115.0
141 38.6 31.4 47.2



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

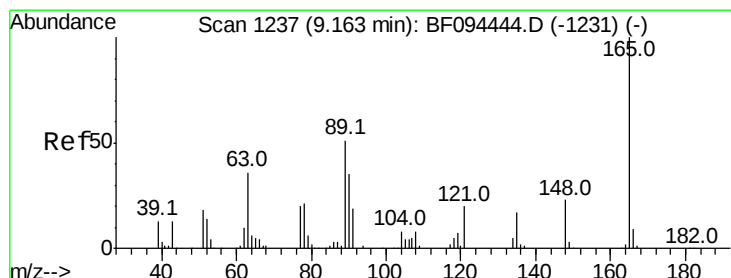
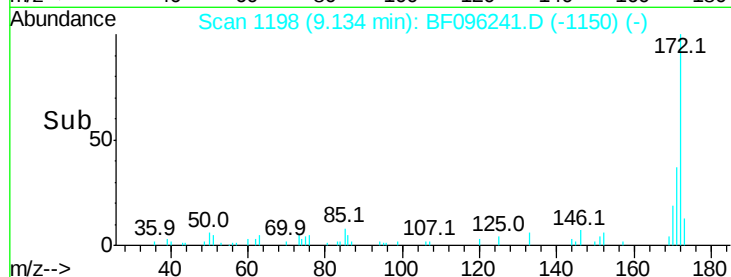
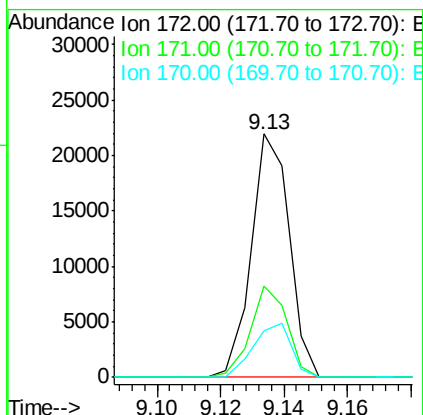
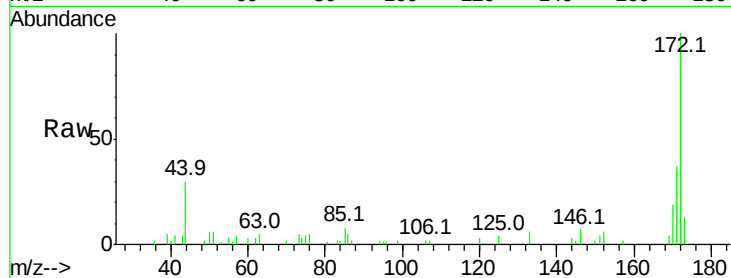




#44
 2-Fluorobiphenyl
 Concen: 1.48 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF096241.D
 Acq: 28 Jun 2017 2:48

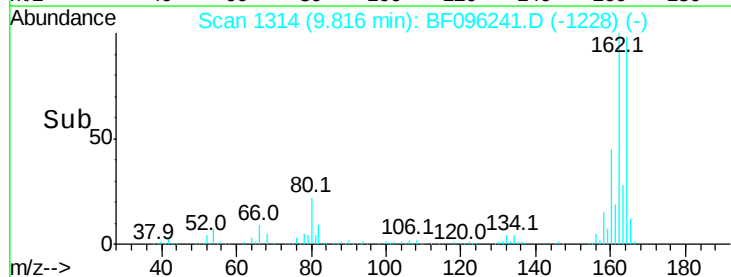
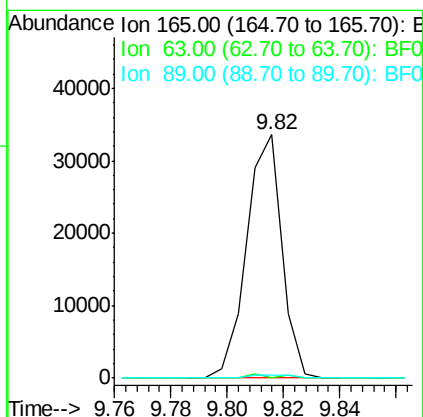
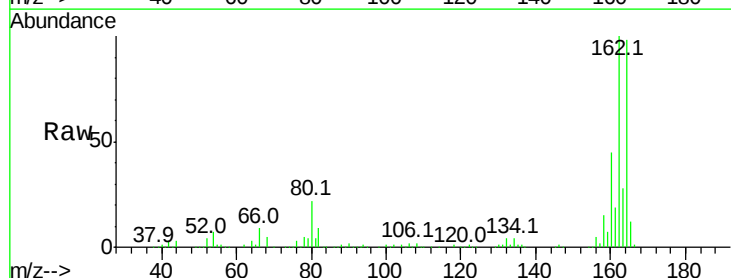
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 18250
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 19.2 19.8 29.8#



#50
 2,6-Dinitrotoluene
 Concen: 8.62 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.21 min
 Lab File: BF096241.D
 Acq: 28 Jun 2017 2:48

Tgt Ion:165 Resp: 29030
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 1.2 37.1 55.7#

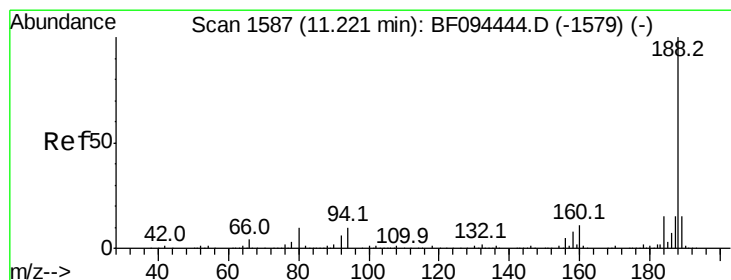
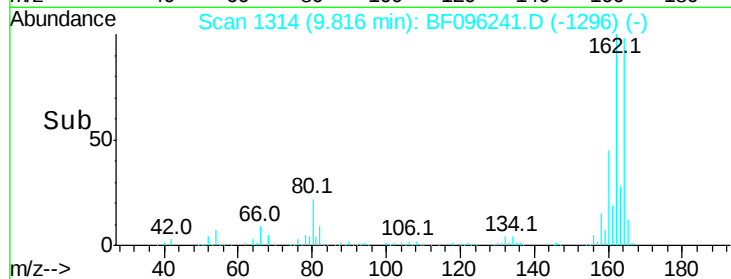
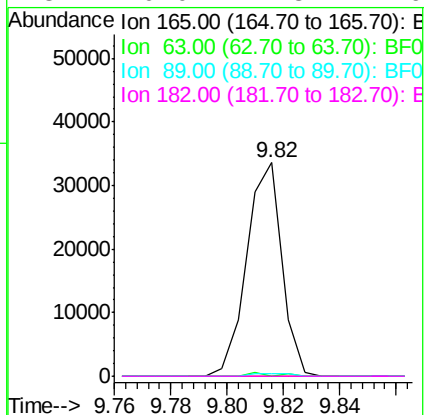
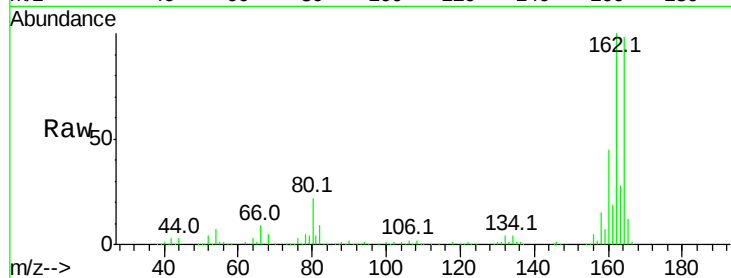




#56
 2,4-Dinitrotoluene
 Concen: 6.84 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.19 min
 Lab File: BF096241.D
 Acq: 28 Jun 2017 2:48

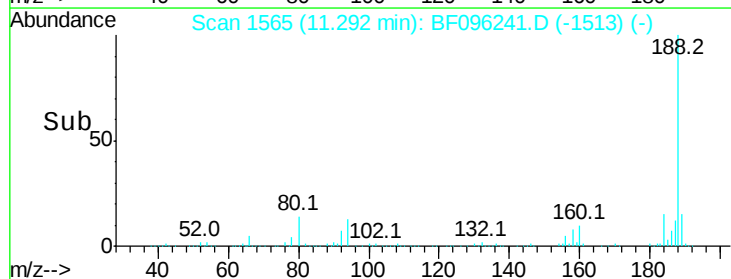
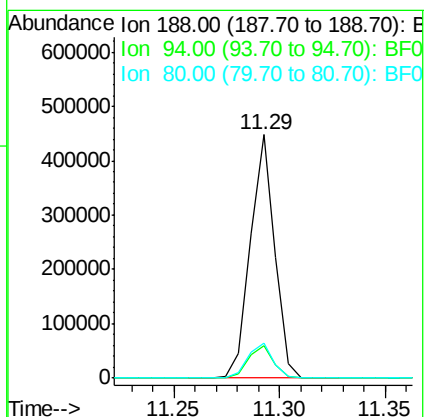
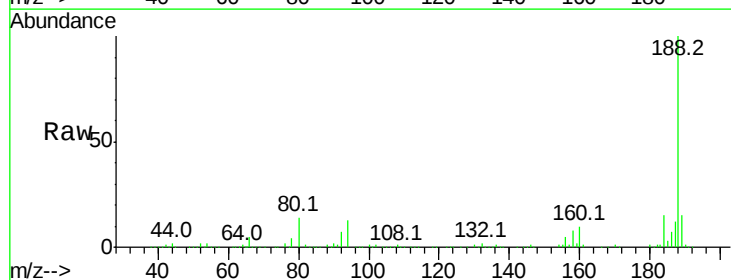
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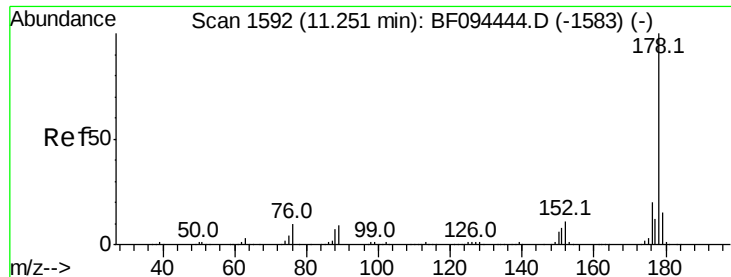
Tot Ion:	165	Resp:	29030
Ion Ratio	Lower	Upper	
165	100		
63	0.0	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF096241.D
 Acq: 28 Jun 2017 2:48

Tgt Ion:	188	Resp:	357506
Ion Ratio	Lower	Upper	
188	100		
94	13.3	9.4	14.2
80	14.4	10.2	15.2





#70

Phenanthrene

Concen: Below Cal

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF096241.D

Acq: 28 Jun 2017 2:48

Instrument :

BNA_F

ClientSampleId :

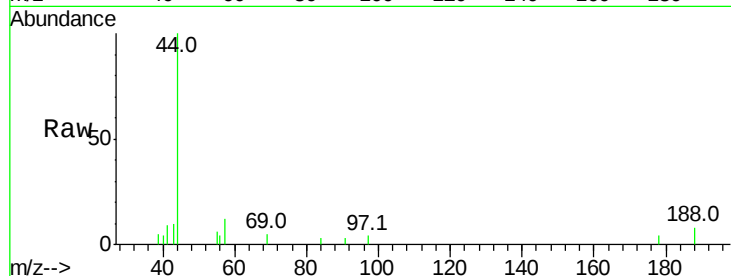
Tot Ion:178 Resp: 244

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

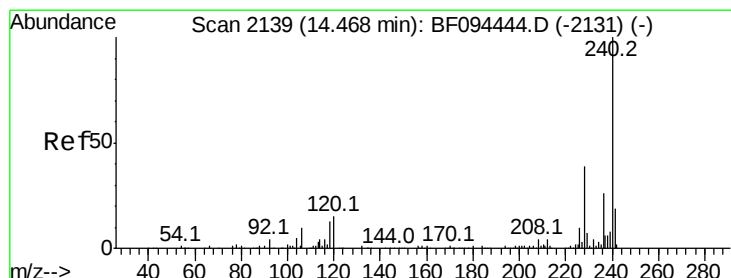
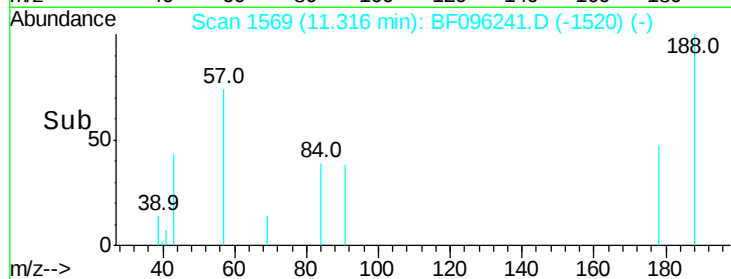
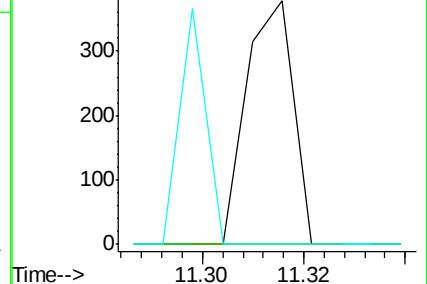
179 0.0 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096241.D

Acq: 28 Jun 2017 2:48

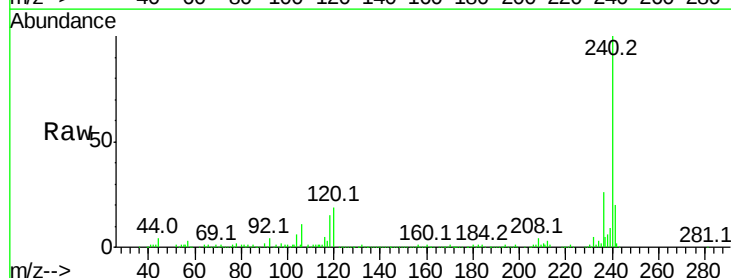
Tgt Ion:240 Resp: 294900

Ion Ratio Lower Upper

240 100

120 18.6 5.8 8.8#

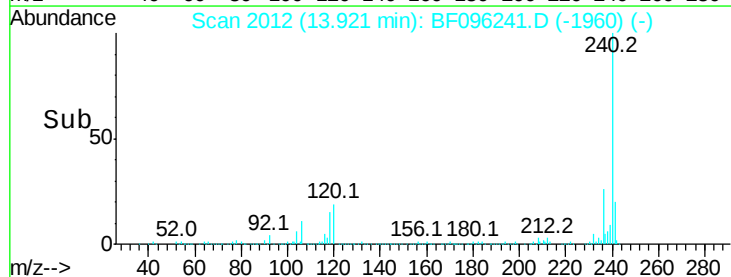
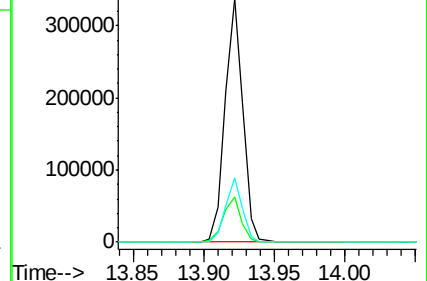
236 26.3 20.5 30.7

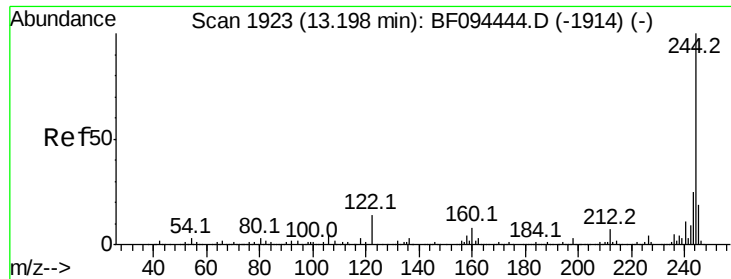


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

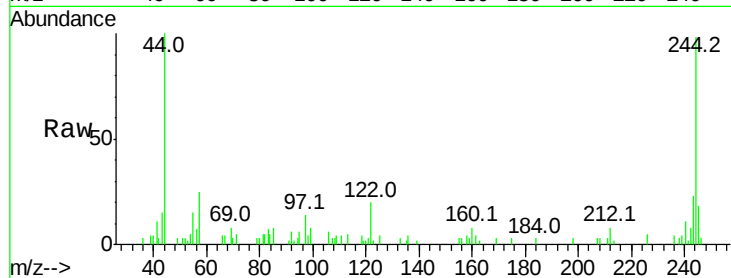




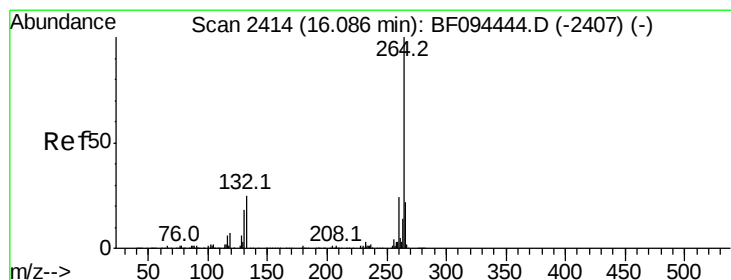
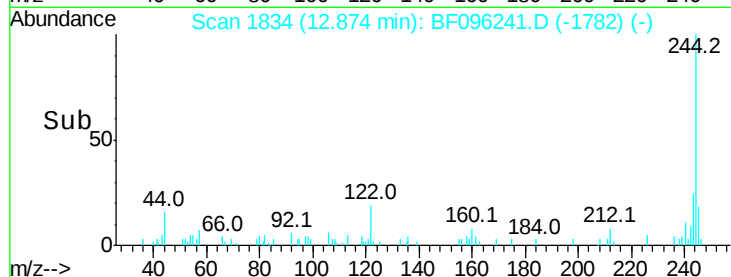
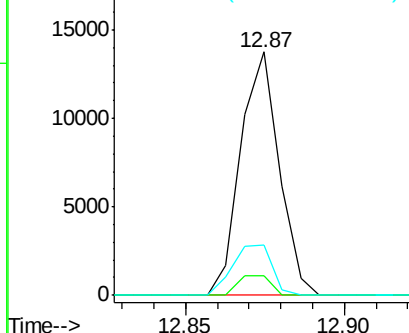
#78
 Terphenyl-d14
 Concen: 0.98 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. 0.01 min
 Lab File: BF096241.D
 Acq: 28 Jun 2017 2:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 11563
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 20.8 10.3 15.5#

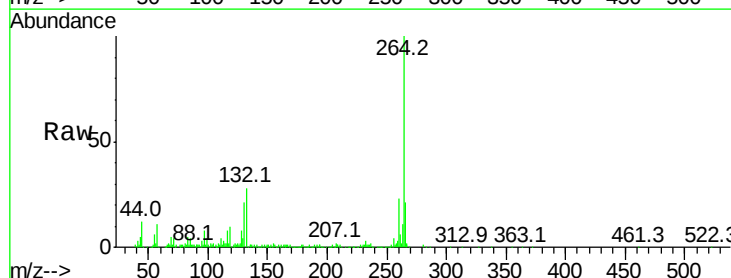


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: BF096241.D
 Acq: 28 Jun 2017 2:48

Tgt Ion:264 Resp: 212593
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.1 17.2 25.8



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

