

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087930.D
 Acq On : 12 Jun 2016 5:51
 Operator : UM/SJ
 Sample : H3501-24
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Quant Time: Jun 13 01:46:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 01:40:32 2016
 Response via : Initial Calibration

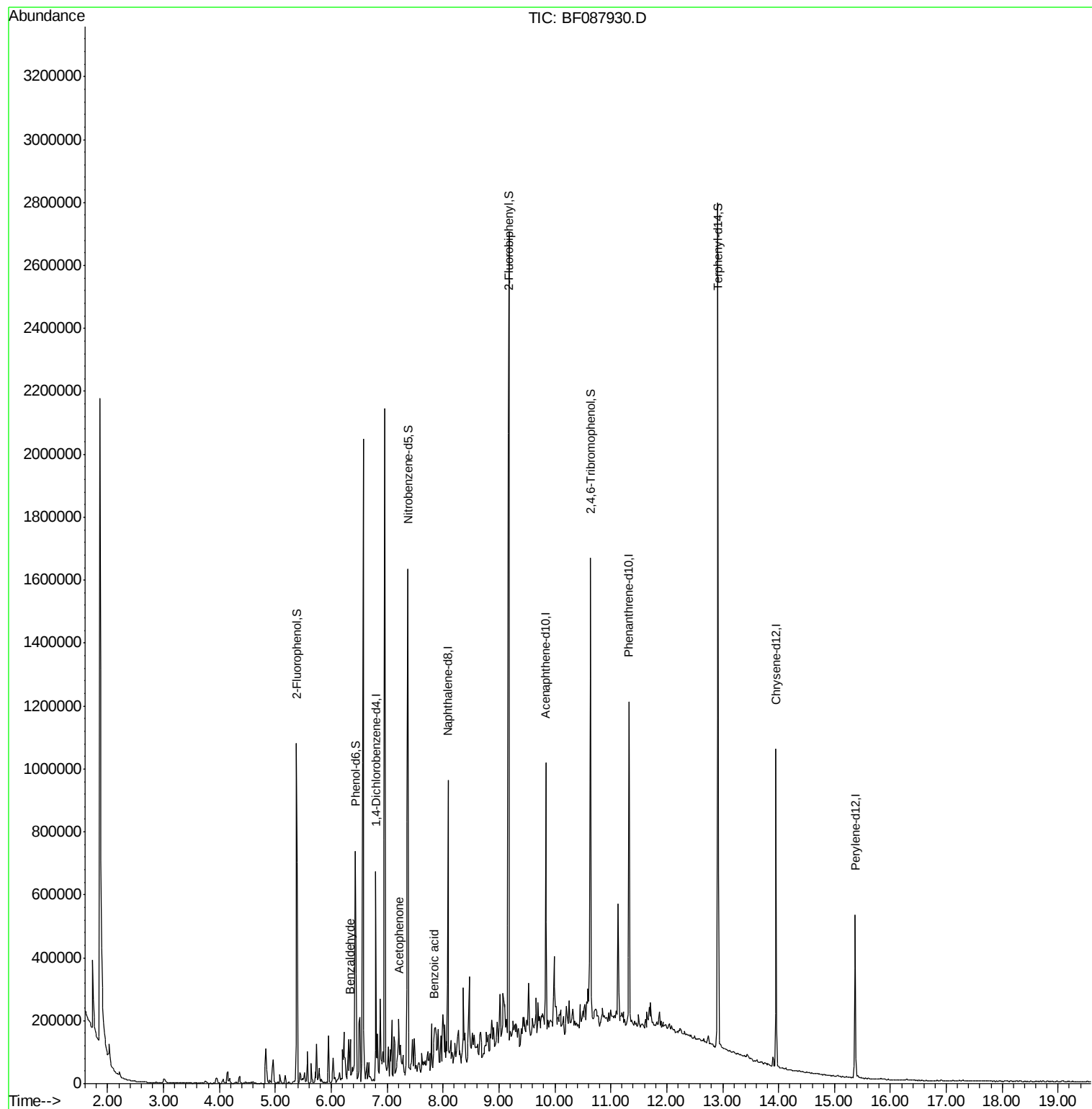
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	94519	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	401341	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	171268	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	349487	20.00	ng	0.00
75) Chrysene-d12	13.95	240	317237	20.00	ng	-0.01
86) Perylene-d12	15.37	264	244821	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	412414	74.59	ng	-0.01
7) Phenol-d6	6.43	99	290777	43.40	ng	-0.01
23) Nitrobenzene-d5	7.37	82	608917	88.60	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	234445	129.64	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1170603	108.93	ng	0.00
78) Terphenyl-d14	12.91	244	982899	70.50	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.34	77	9517	2.19	ng	99
22) Acetophenone	7.21	105	20467	2.28	ng	# 88
32) Benzoic acid	7.84	122	14386	3.98	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF087930.D

Acq: 12 Jun 2016 5:51

Instrument :

BNA_F

ClientSampleId :

MW1

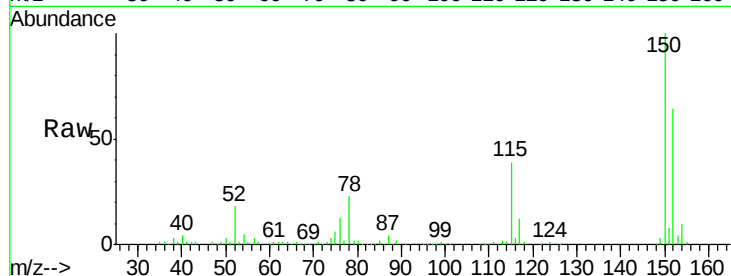
Tot Ion:152 Resp: 94519

Ion Ratio Lower Upper

152 100

150 155.9 123.8 185.6

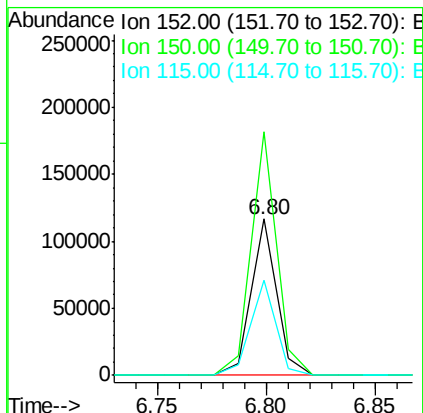
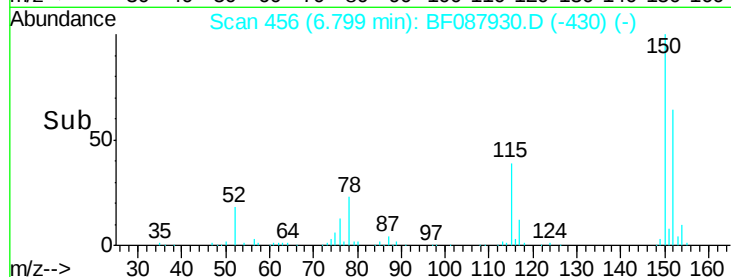
115 61.0 39.6 59.4#



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: 74.59 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.01 min

Lab File: BF087930.D

Acq: 12 Jun 2016 5:51

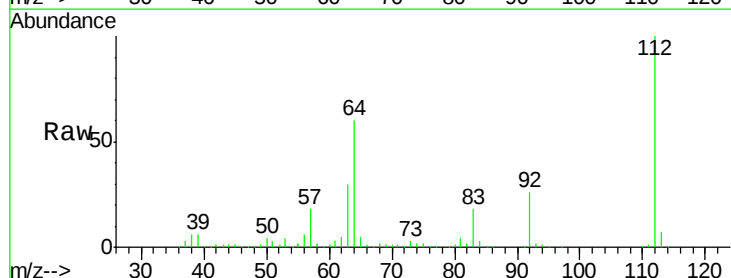
Tgt Ion:112 Resp: 412414

Ion Ratio Lower Upper

112 100

64 59.5 42.2 63.2

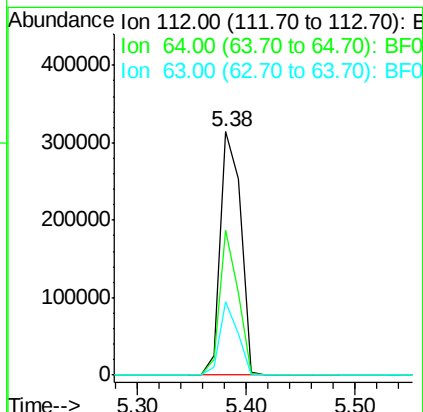
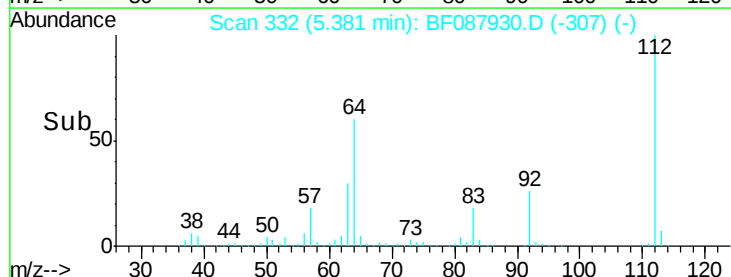
63 30.4 21.8 32.8



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: 43.40 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087930.D

Acq: 12 Jun 2016 5:51

Instrument :

BNA_F

ClientSampleId :

MW1

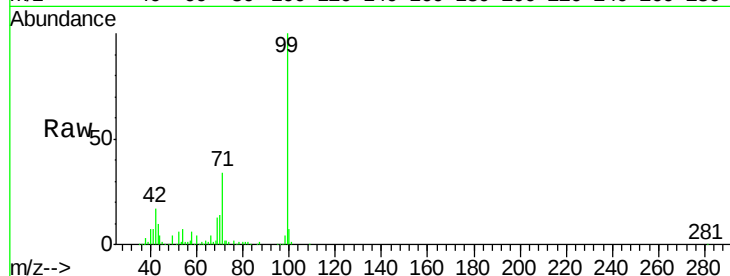
Tot Ion: 99 Resp: 290777

Ion Ratio Lower Upper

99 100

42 17.5 12.2 18.2

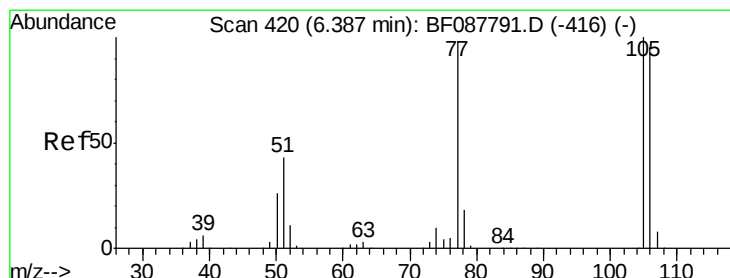
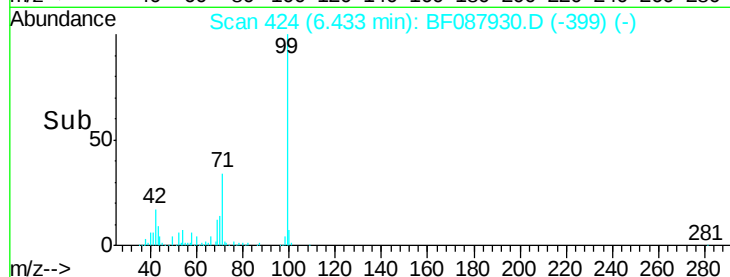
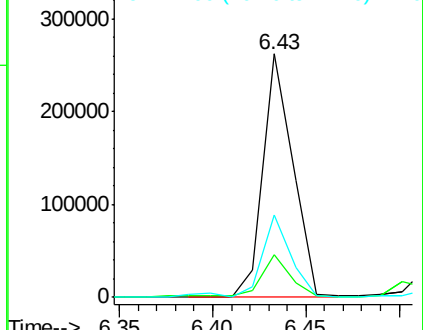
71 33.7 23.4 35.0



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: 2.19 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF087930.D

Acq: 12 Jun 2016 5:51

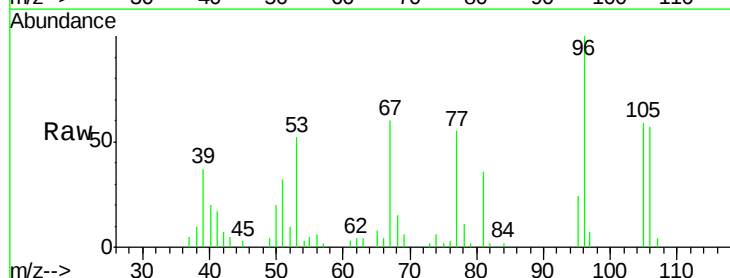
Tgt Ion: 77 Resp: 9517

Ion Ratio Lower Upper

77 100

105 109.0 90.6 130.6

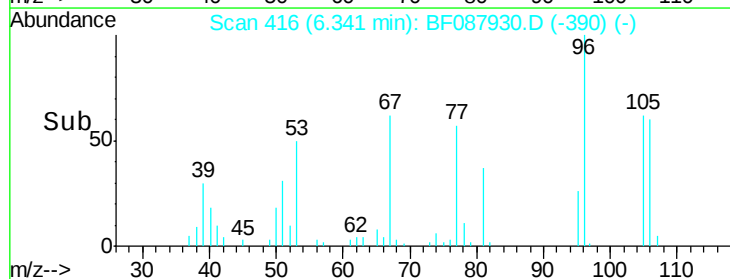
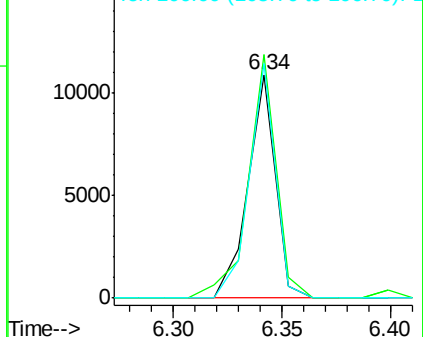
106 104.9 85.3 125.3

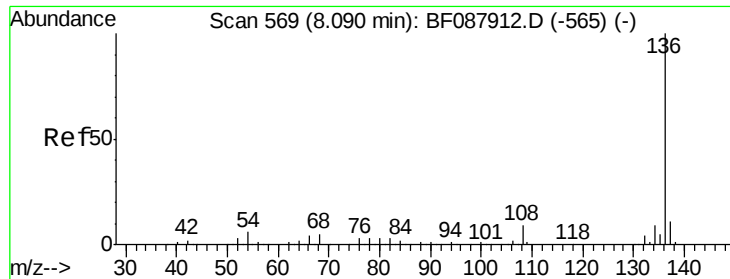


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

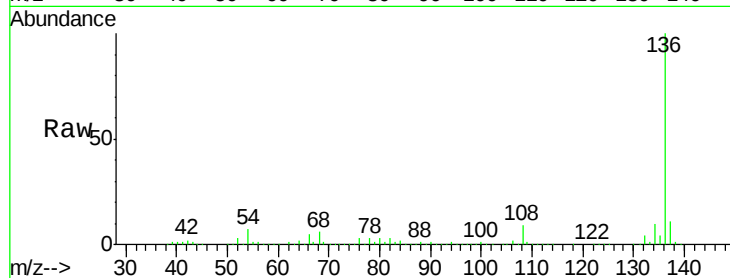




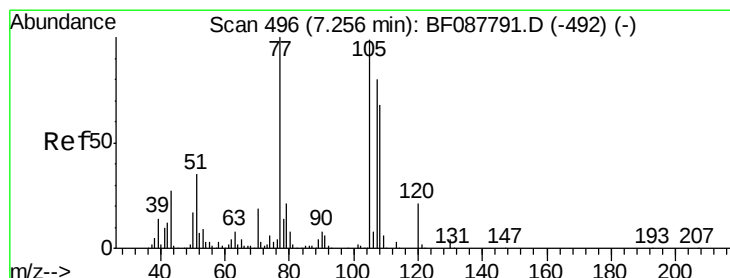
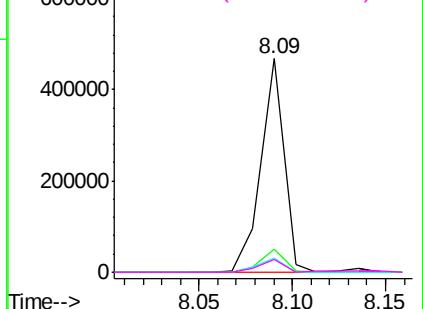
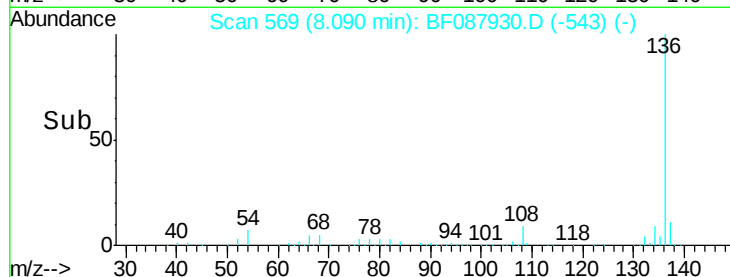
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF087930.D
Acq: 12 Jun 2016 5:51

Instrument :
BNA_F
ClientSampleId :
MW1

Tot Ion:136	Resp:	401341
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	6.8	6.6 10.0
68	5.8	5.1 7.7

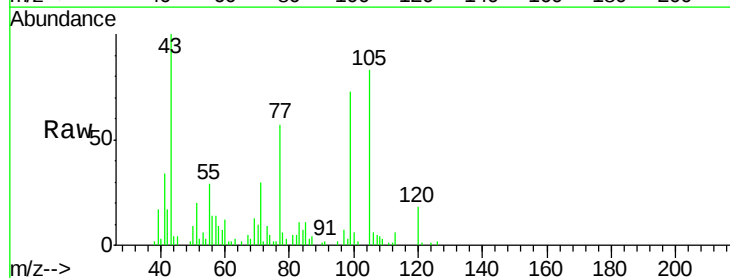


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

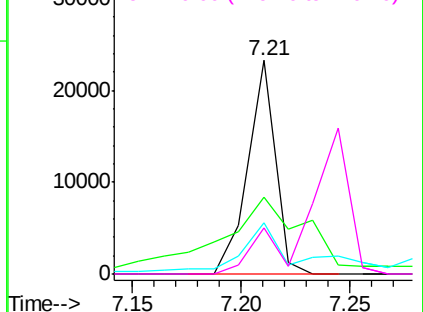
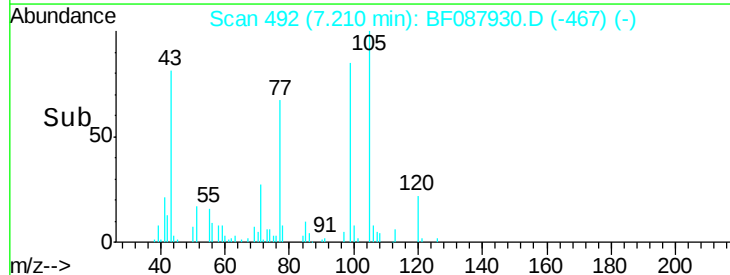


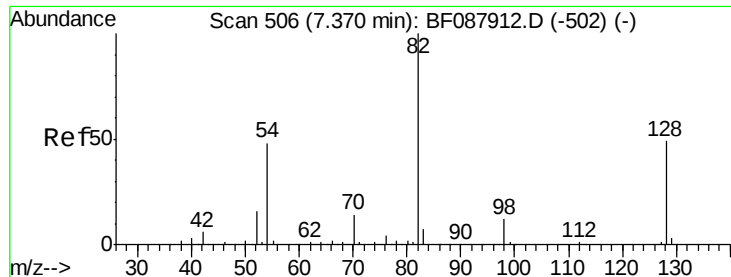
#22
Acetophenone
Concen: 2.28 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF087930.D
Acq: 12 Jun 2016 5:51

Tgt Ion:105	Resp:	20467
Ion Ratio	Lower	Upper
105	100	
71	35.9	5.3 7.9#
51	23.7	18.2 27.4
120	21.8	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

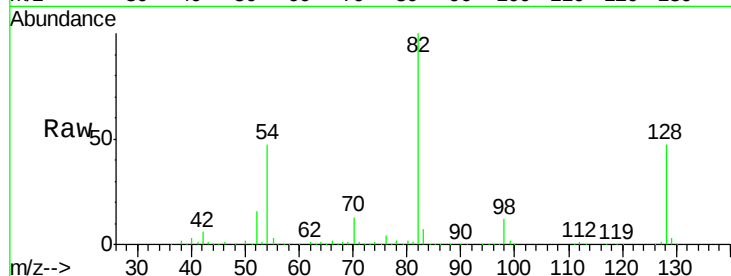




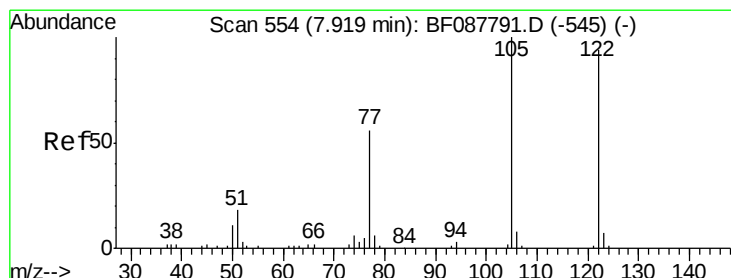
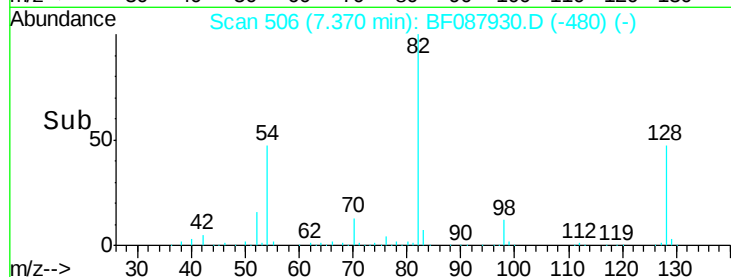
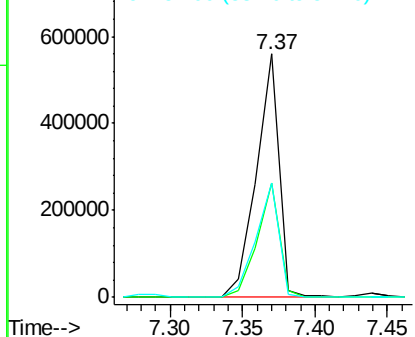
#23
 Nitrobenzene-d5
 Concen: 88.60 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF087930.D
 Acq: 12 Jun 2016 5:51

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Tot Ion	82	Resp	608917
Ion Ratio	100	Lower	Upper
128	47.0	35.9	53.9
54	47.2	40.9	61.3

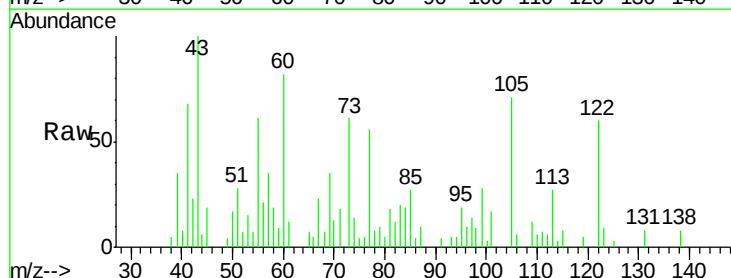


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

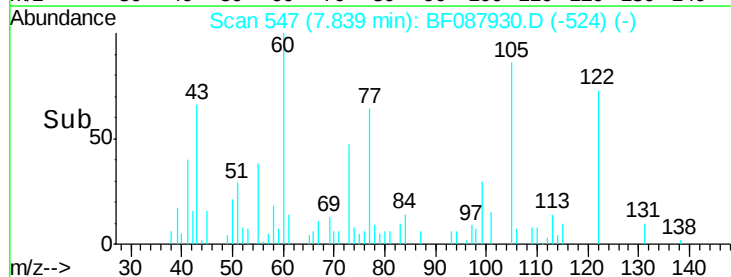
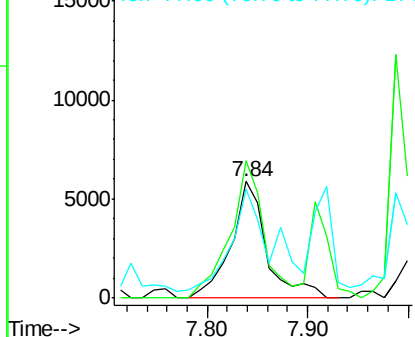


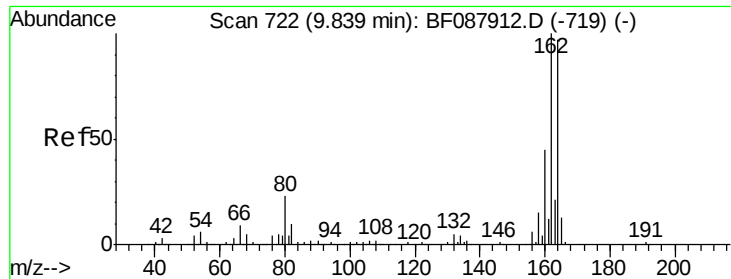
#32
 Benzoic acid
 Concen: 3.98 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.03 min
 Lab File: BF087930.D
 Acq: 12 Jun 2016 5:51

Tgt Ion	122	Resp	14386
Ion Ratio	100	Lower	Upper
105	118.0	101.6	141.6
77	93.5	70.6	110.6



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

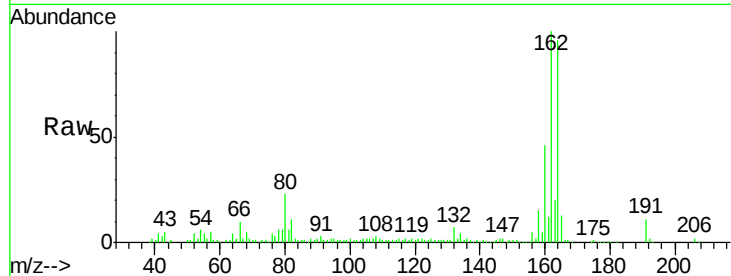




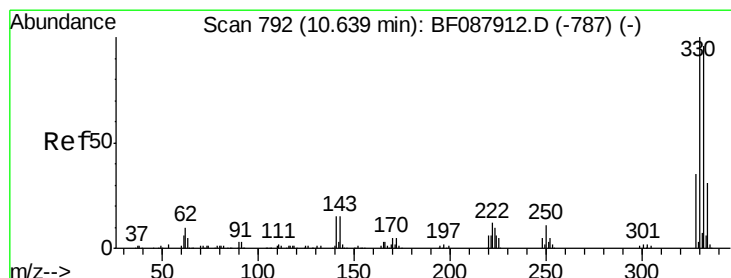
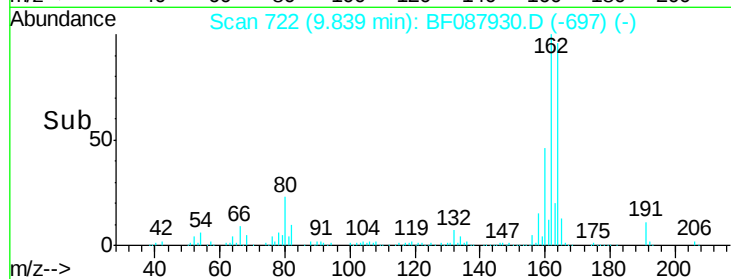
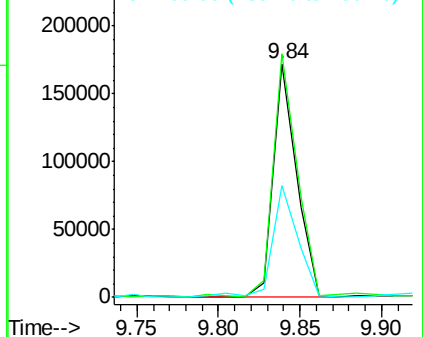
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087930.D
Acq: 12 Jun 2016 5:51

Instrument :
BNA_F
ClientSampleId :
MW1

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.4	128.2
160	47.7	39.5	59.3

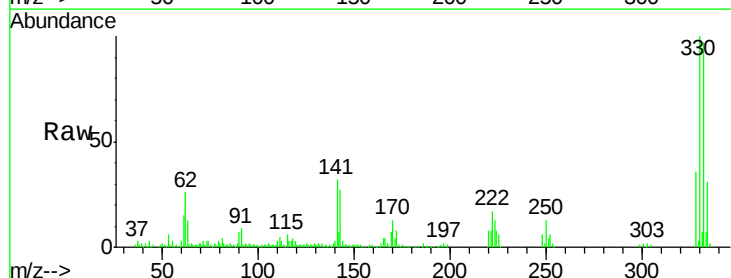


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

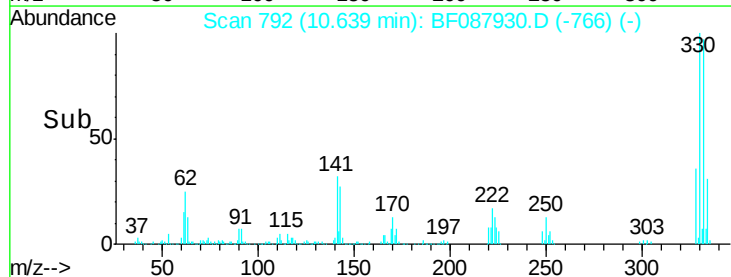
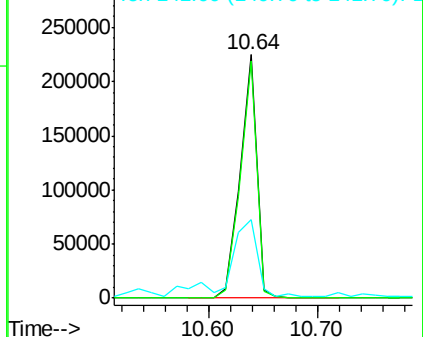


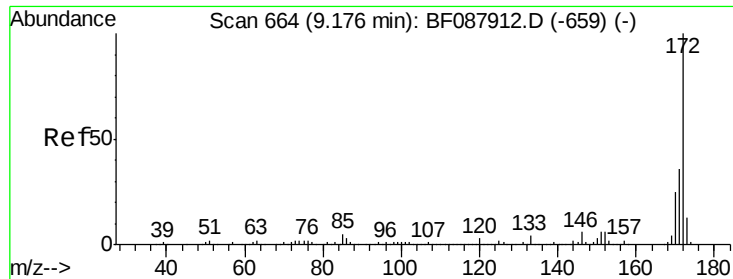
#41
2,4,6-Tribromophenol
Concen: 129.64 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF087930.D
Acq: 12 Jun 2016 5:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	44.4	0.0	0.0#



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

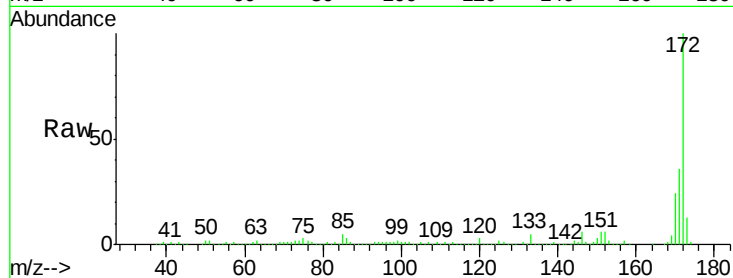




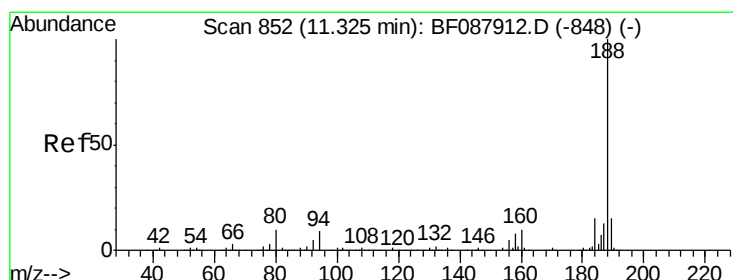
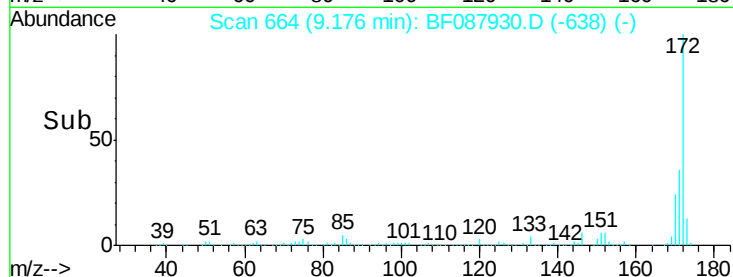
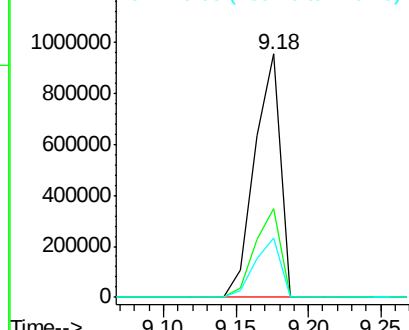
#44
2-Fluorobiphenyl
Concen: 108.93 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF087930.D
Acq: 12 Jun 2016 5:51

Instrument :
BNA_F
ClientSampleId :
MW1

Tot Ion:172 Resp: 1170603
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.4 19.2 28.8

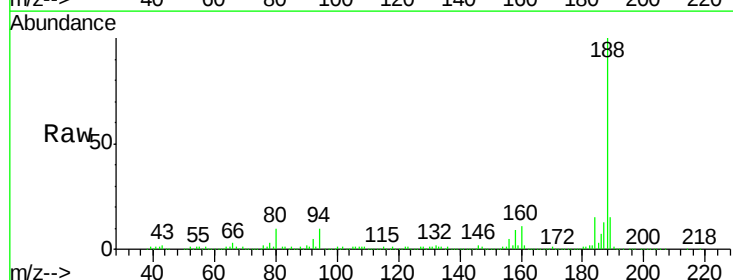


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

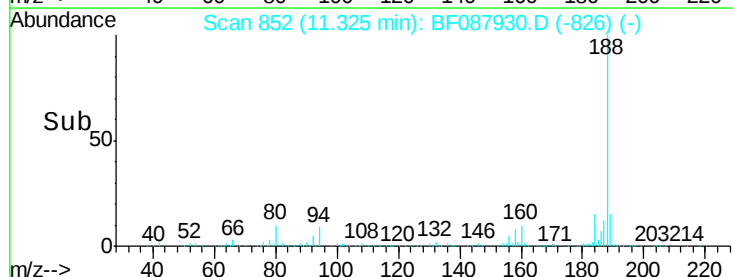
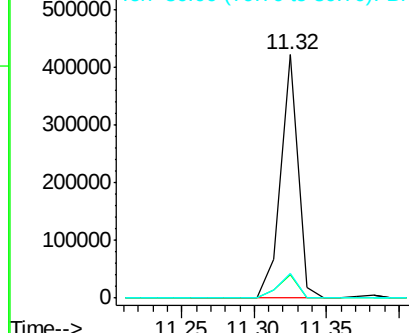


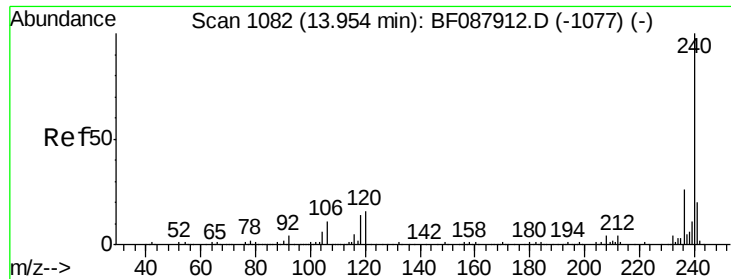
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF087930.D
Acq: 12 Jun 2016 5:51

Tgt Ion:188 Resp: 349487
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.6
80 10.0 10.0 15.0



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

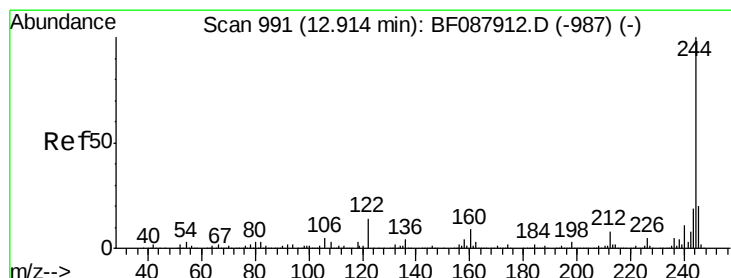
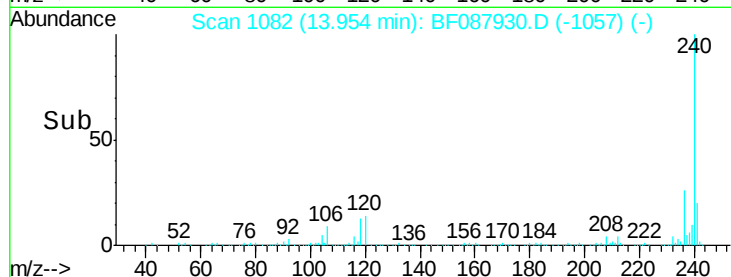
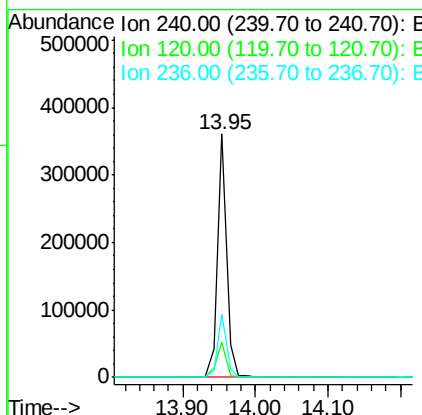
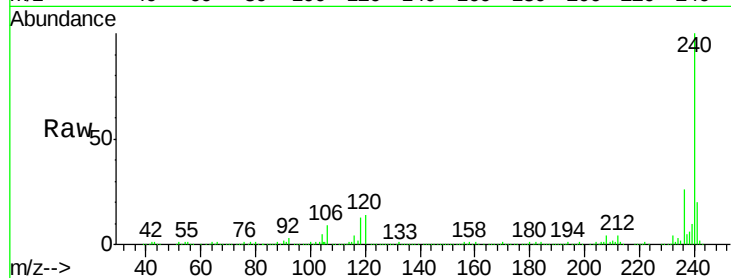




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087930.D
Acq: 12 Jun 2016 5:51

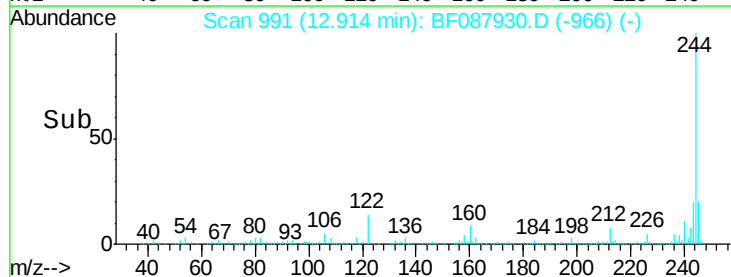
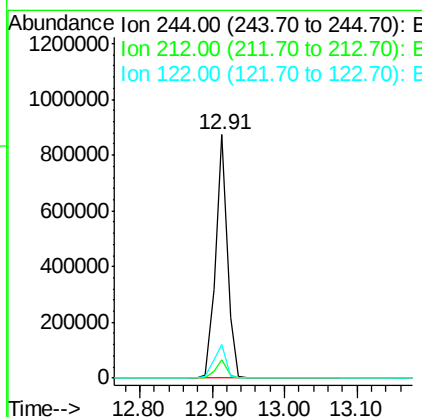
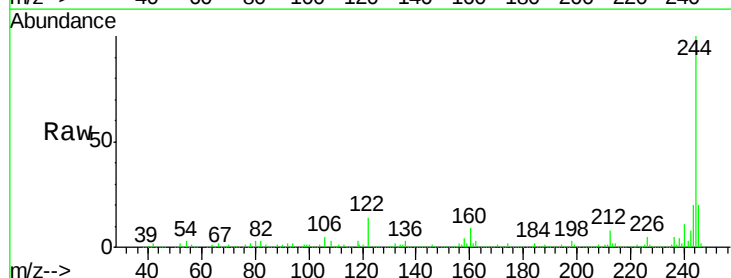
Instrument :
BNA_F
ClientSampleId :
MW1

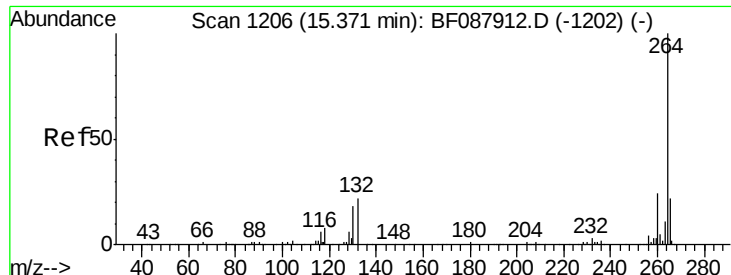
Tot Ion:240 Resp: 317237
Ion Ratio Lower Upper
240 100
120 14.3 6.8 10.2#
236 25.9 20.2 30.2



#78
Terphenyl-d14
Concen: 70.50 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF087930.D
Acq: 12 Jun 2016 5:51

Tgt Ion:244 Resp: 982899
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 13.7 11.2 16.8

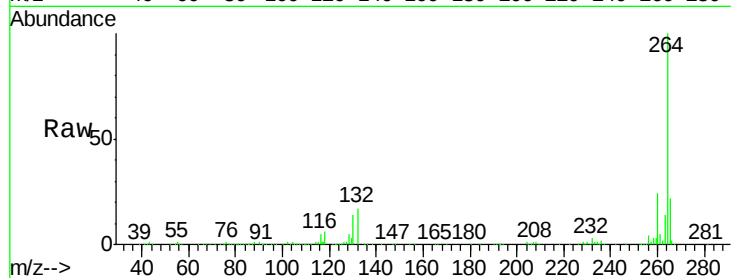




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF087930.D
 Acq: 12 Jun 2016 5:51

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Tot Ion: 264 Resp: 244821
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.6 16.9 25.3



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

