

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091746.D
 Acq On : 18 Dec 2016 19:47
 Operator : UM/SJ
 Sample : H6099-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP08-3.5-4FT

Quant Time: Dec 19 03:25:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

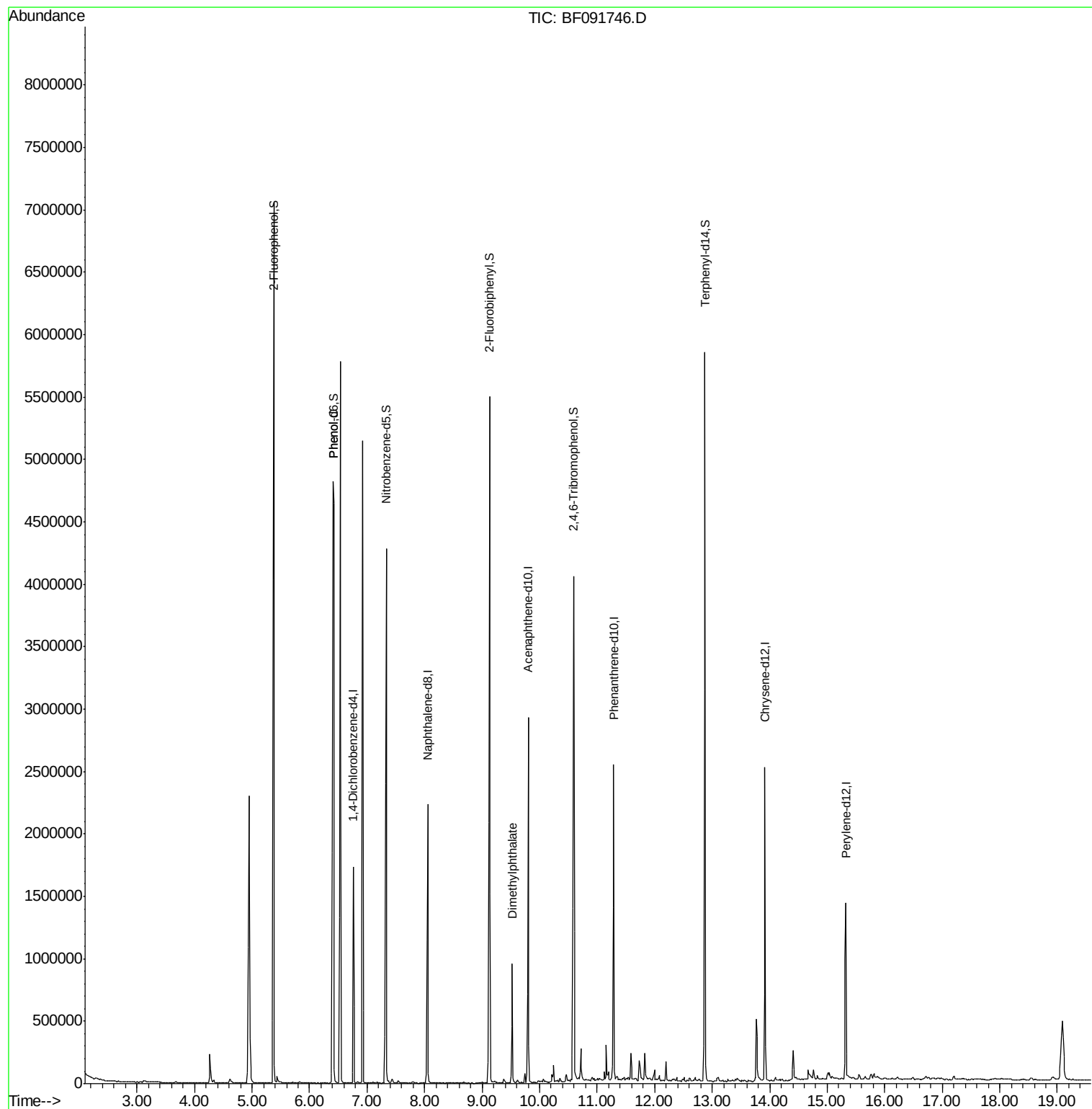
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	278058	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1223244	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	642569	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1126974	20.00	ng	0.00
75) Chrysene-d12	13.92	240	875195	20.00	ng	-0.01
86) Perylene-d12	15.32	264	695756	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	2239035	134.91	ng	0.01
7) Phenol-d6	6.42	99	2768341	136.77	ng	0.00
23) Nitrobenzene-d5	7.33	82	1736682	81.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	603384	110.74	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2163700	67.65	ng	-0.01
78) Terphenyl-d14	12.88	244	2104241	60.71	ng	0.00
Target Compounds						
10) Phenol	6.42	94	87333	3.83	ng	Qvalue # 48
49) Dimethylphthalate	9.53	163	475527	11.33	ng	100

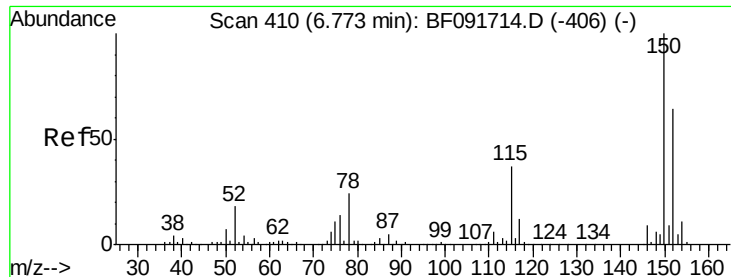
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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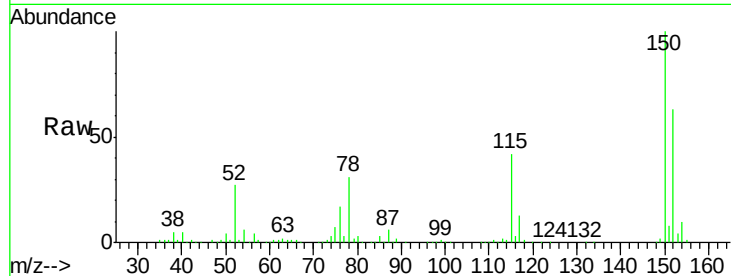


#1

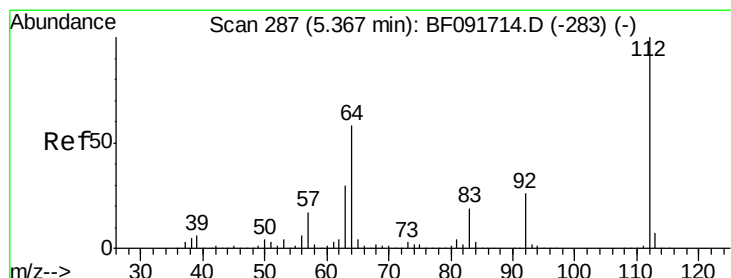
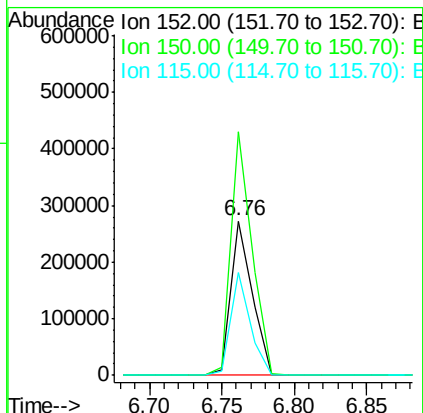
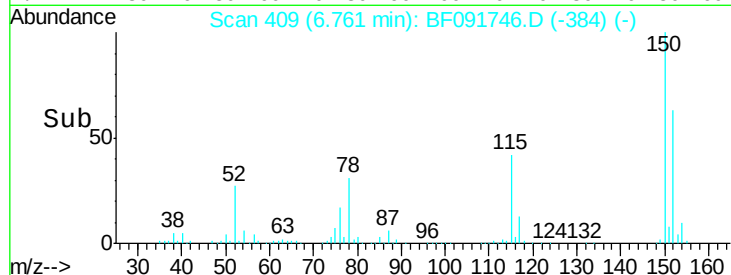
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091746.D
Acq: 18 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
TP08-3.5-4FT

Tot Ion:152 Resp: 278058
Ion Ratio Lower Upper
152 100
150 157.7 124.9 187.3
115 66.9 46.0 69.0



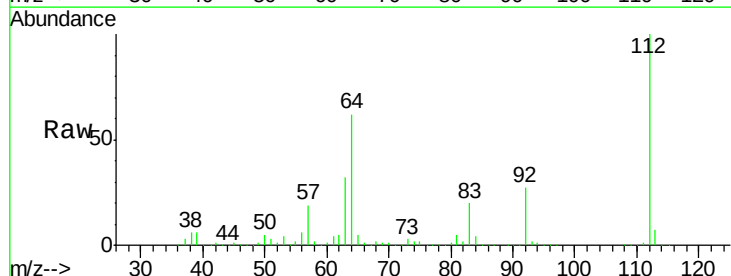
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



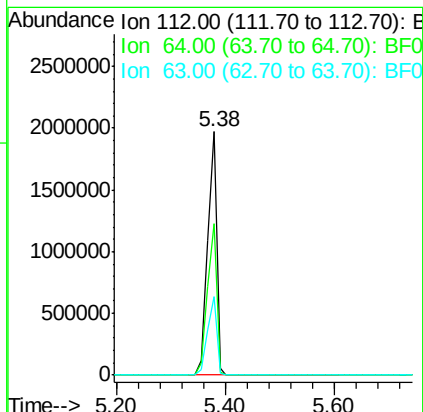
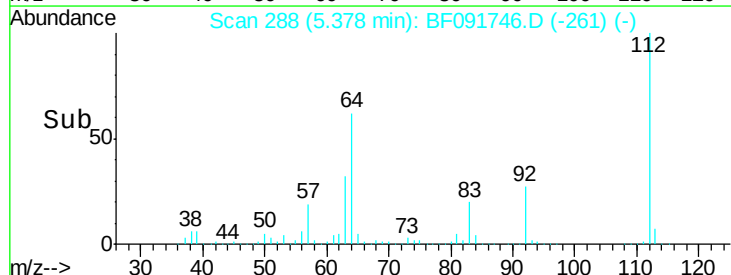
#5

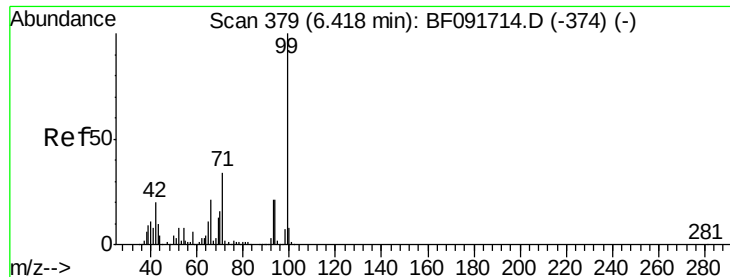
2-Fluorophenol
Concen: 134.91 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF091746.D
Acq: 18 Dec 2016 19:47

Tgt Ion:112 Resp: 2239035
Ion Ratio Lower Upper
112 100
64 62.3 46.1 69.1
63 32.1 23.8 35.6



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: 136.77 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091746.D

Acq: 18 Dec 2016 19:47

Instrument :

BNA_F

ClientSampleId :

TP08-3.5-4FT

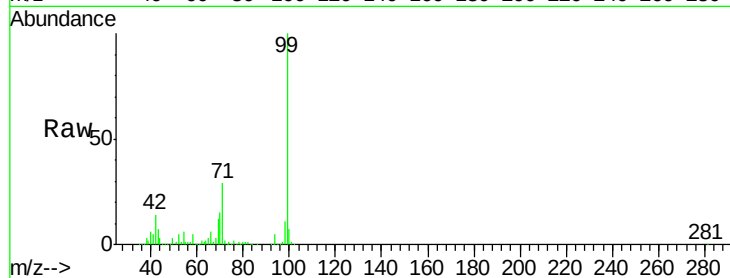
Tot Ion: 99 Resp: 2768341

Ion Ratio Lower Upper

99 100

42 14.0 15.6 23.4#

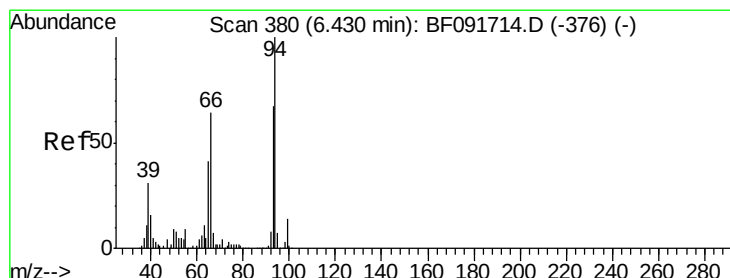
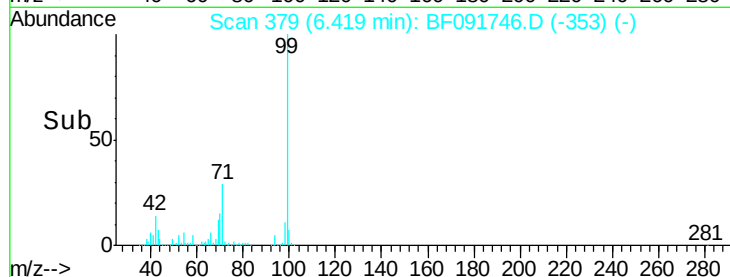
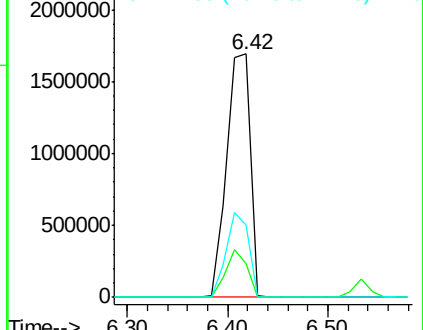
71 29.5 27.5 41.3



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: 3.83 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091746.D

Acq: 18 Dec 2016 19:47

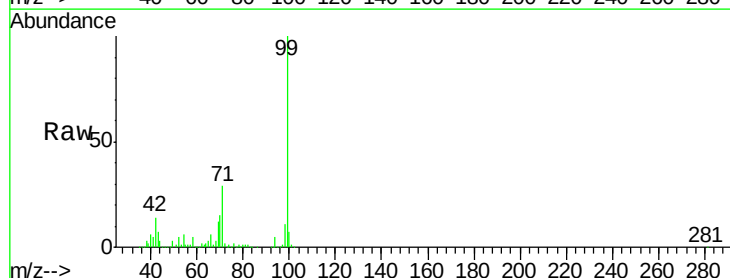
Tgt Ion: 94 Resp: 87333

Ion Ratio Lower Upper

94 100

65 51.0 21.4 61.4

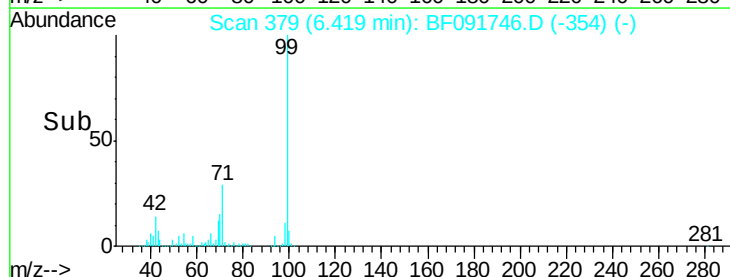
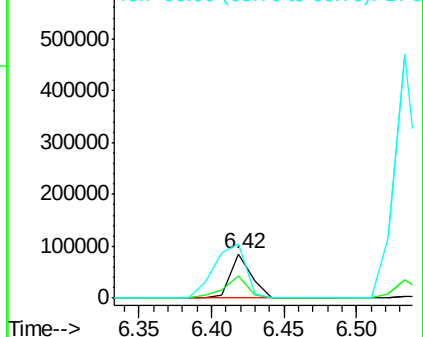
66 123.3 44.0 84.0#

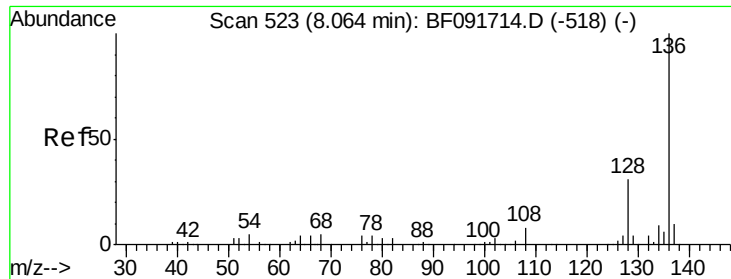


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

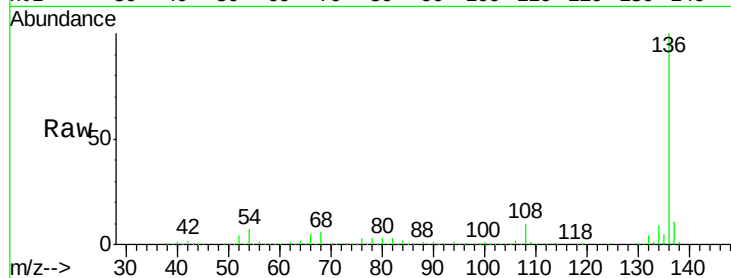




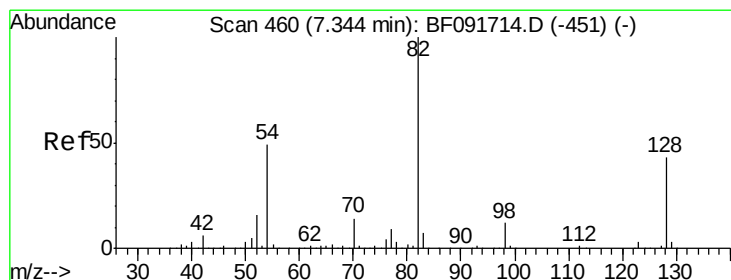
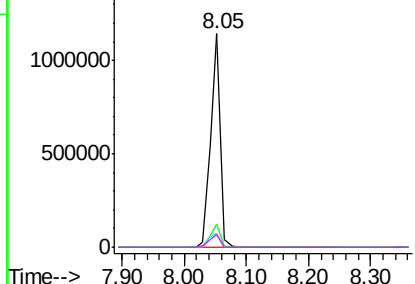
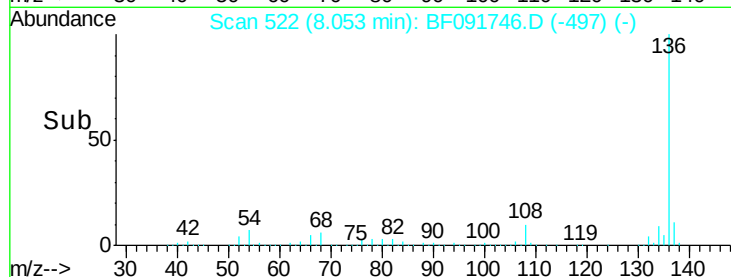
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091746.D
Acq: 18 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
TP08-3.5-4FT

Tot Ion:136 Resp: 1223244
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.9 4.5 6.7#
68 5.8 3.6 5.4#

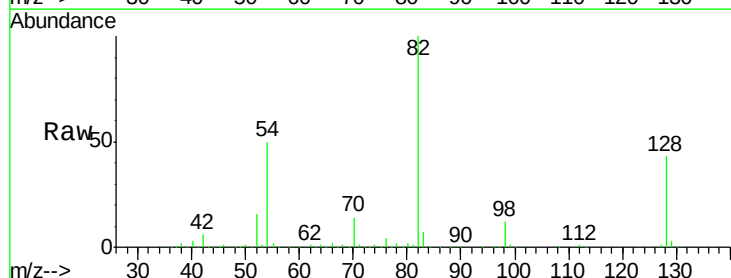


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

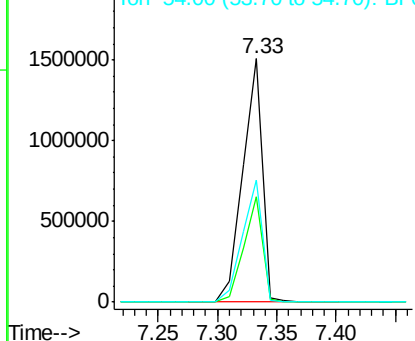
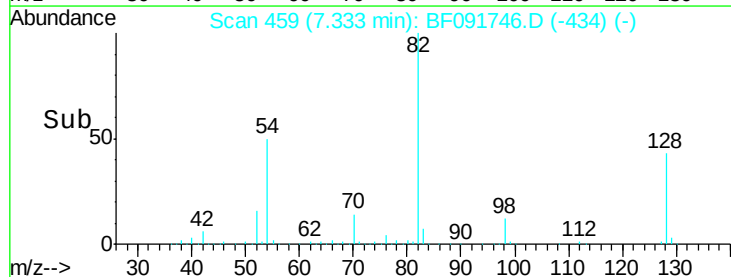


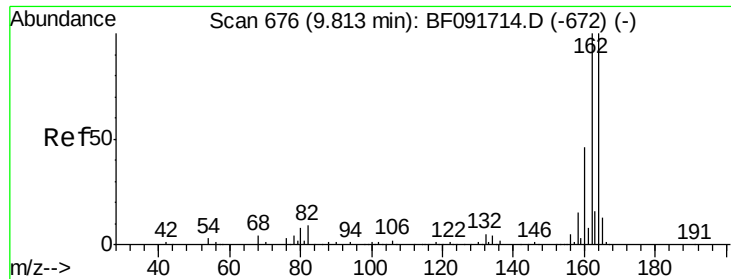
#23
Nitrobenzene-d5
Concen: 81.87 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091746.D
Acq: 18 Dec 2016 19:47

Tgt Ion: 82 Resp: 1736682
Ion Ratio Lower Upper
82 100
128 43.1 34.6 52.0
54 50.0 39.5 59.3



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

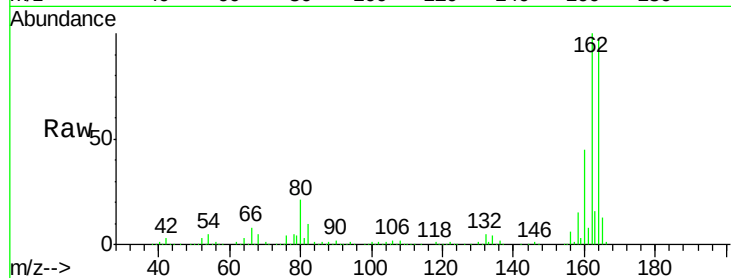




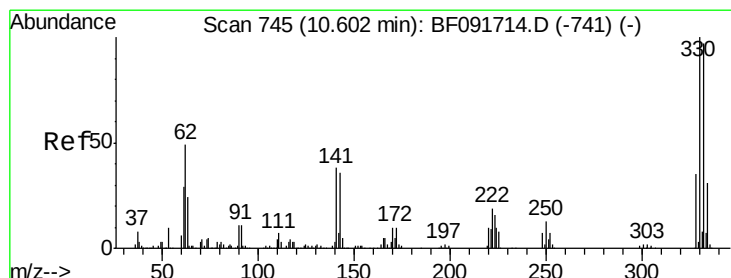
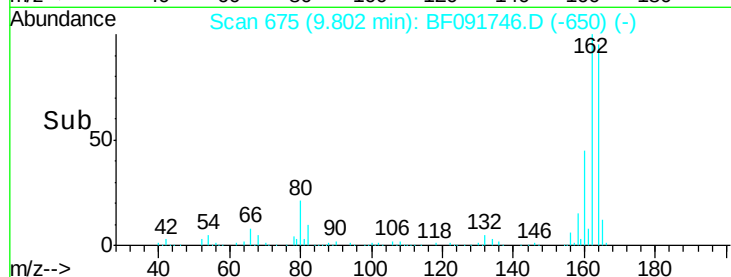
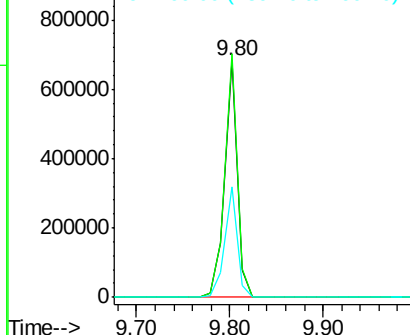
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF091746.D
 Acq: 18 Dec 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 TP08-3.5-4FT

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.2	120.2
160	46.4	36.9	55.3

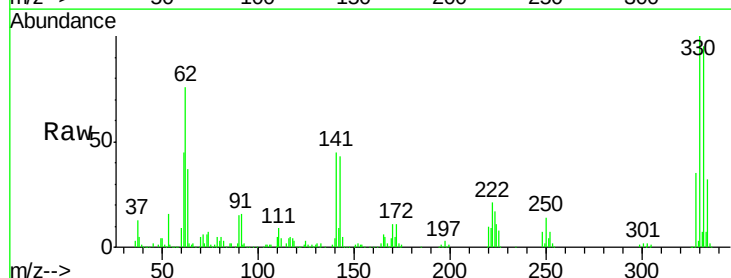


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

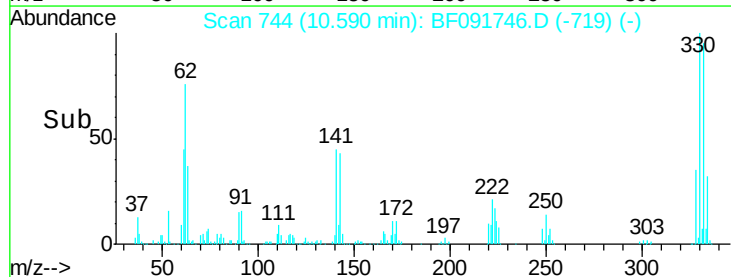
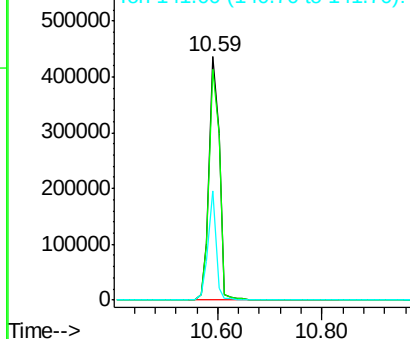


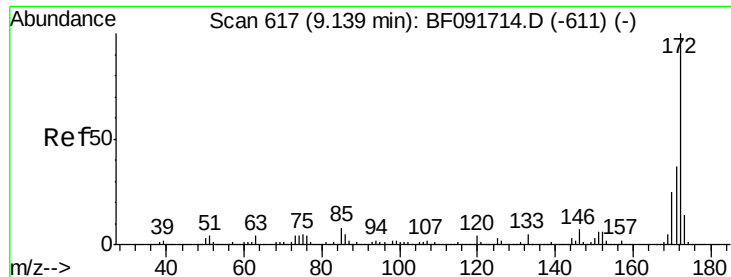
#41
 2,4,6-Tribromophenol
 Concen: 110.74 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091746.D
 Acq: 18 Dec 2016 19:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	35.0	34.1	51.1



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

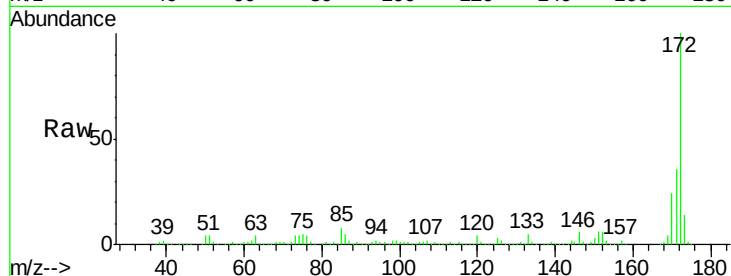




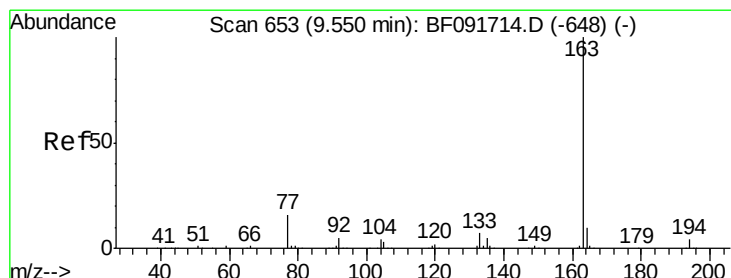
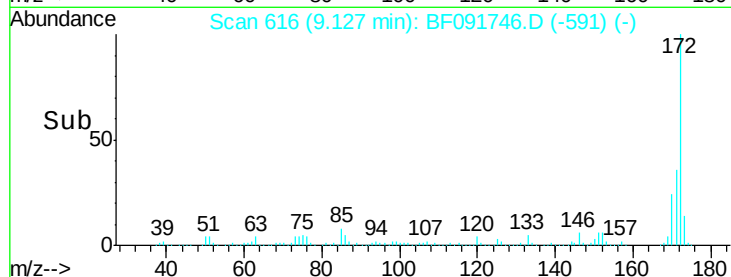
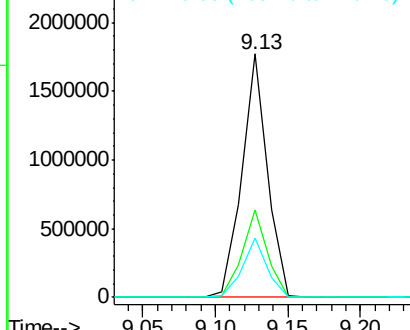
#44
2-Fluorobiphenyl
Concen: 67.65 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091746.D
Acq: 18 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
TP08-3.5-4FT

Tot Ion:172 Resp: 2163700
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.5 20.2 30.4

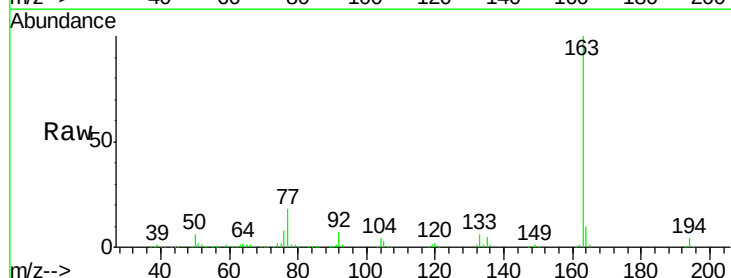


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

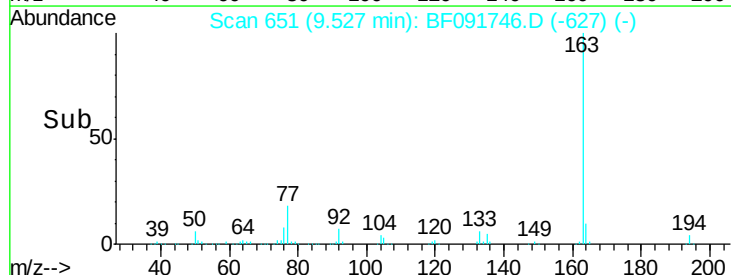
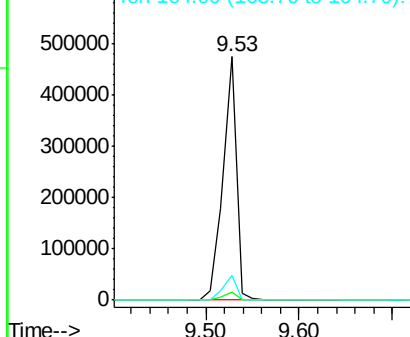


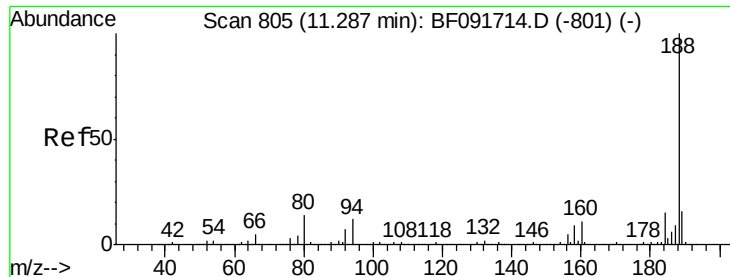
#49
Dimethylphthalate
Concen: 11.33 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091746.D
Acq: 18 Dec 2016 19:47

Tgt Ion:163 Resp: 475527
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.0 8.0 12.0



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

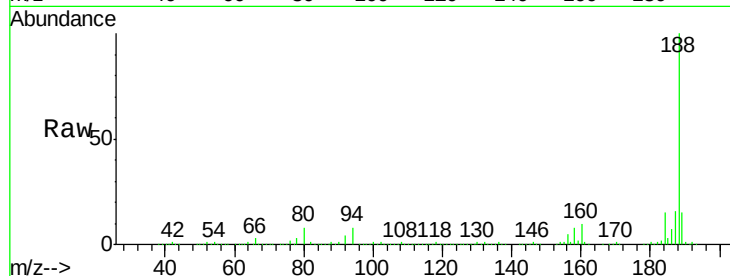




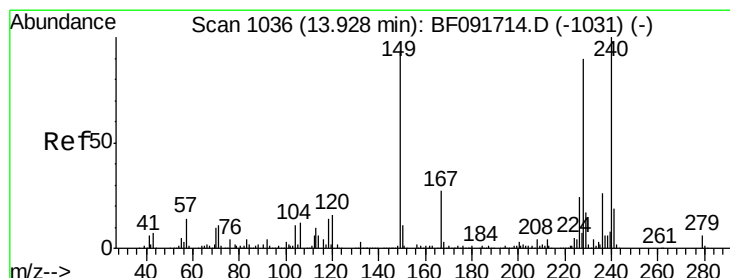
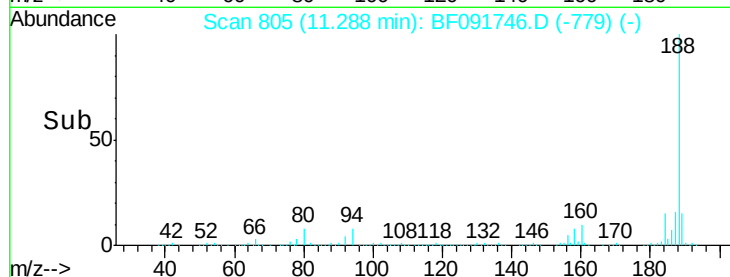
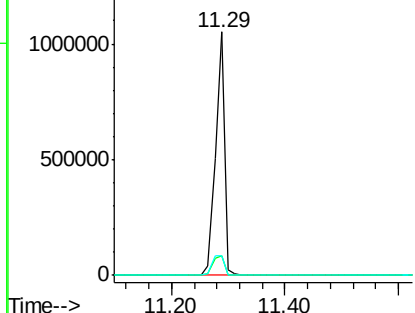
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091746.D
Acq: 18 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
TP08-3.5-4FT

Tot Ion:188 Resp: 1126974
Ion Ratio Lower Upper
188 100
94 7.8 10.0 15.0#
80 8.1 11.2 16.8#

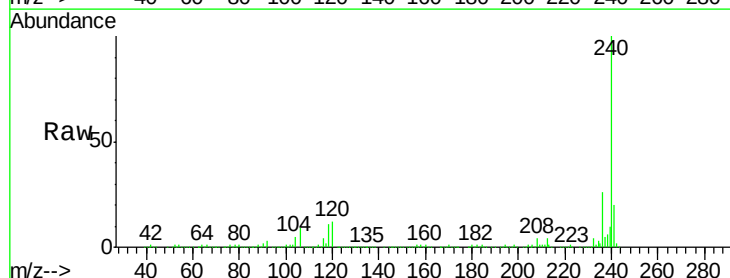


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

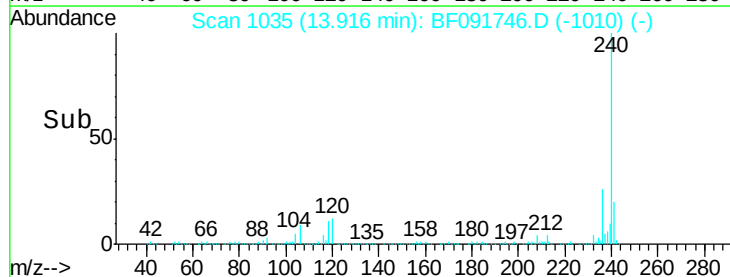
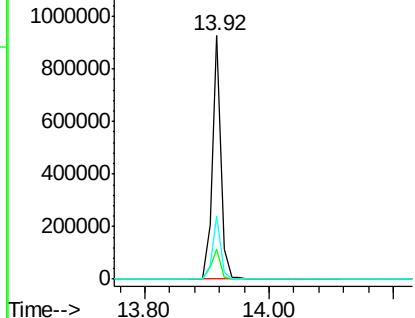


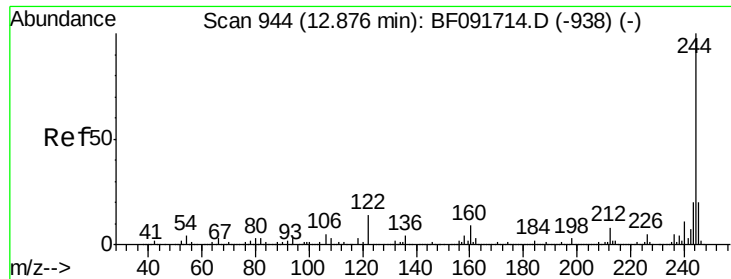
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091746.D
Acq: 18 Dec 2016 19:47

Tgt Ion:240 Resp: 875195
Ion Ratio Lower Upper
240 100
120 12.2 12.9 19.3#
236 26.2 20.9 31.3



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

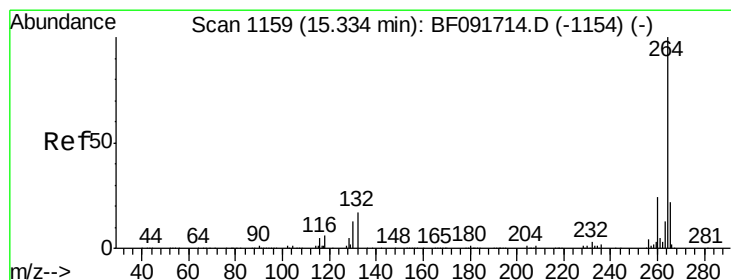
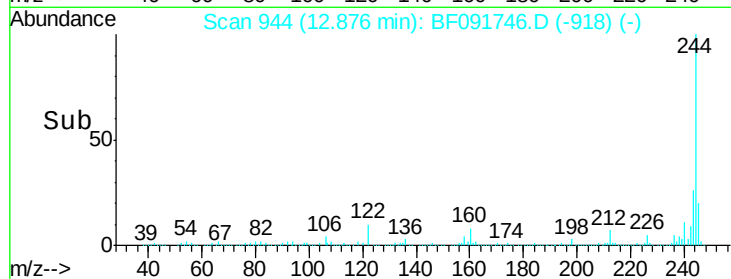
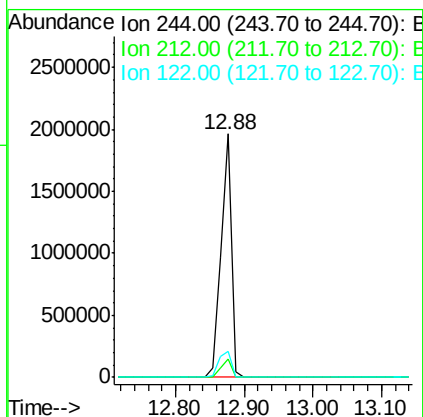
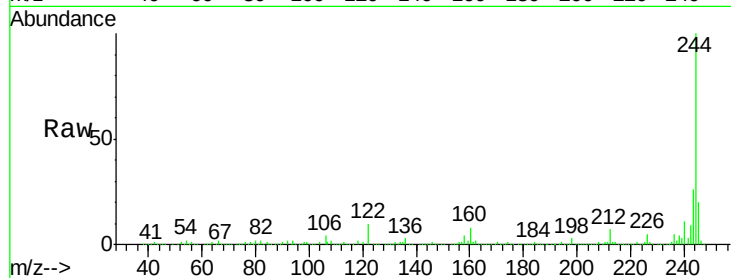




#78
 Terphenyl-d14
 Concen: 60.71 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091746.D
 Acq: 18 Dec 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 TP08-3.5-4FT

Tot Ion:244 Resp: 2104241
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 10.5 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091746.D
 Acq: 18 Dec 2016 19:47

Tgt Ion:264 Resp: 695756
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.6 17.4 26.0

