

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091205.D
 Acq On : 16 Nov 2016 23:06
 Operator : UM/SJ
 Sample : H5657-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9A

Quant Time: Nov 17 01:02:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:05:11 2016
 Response via : Initial Calibration

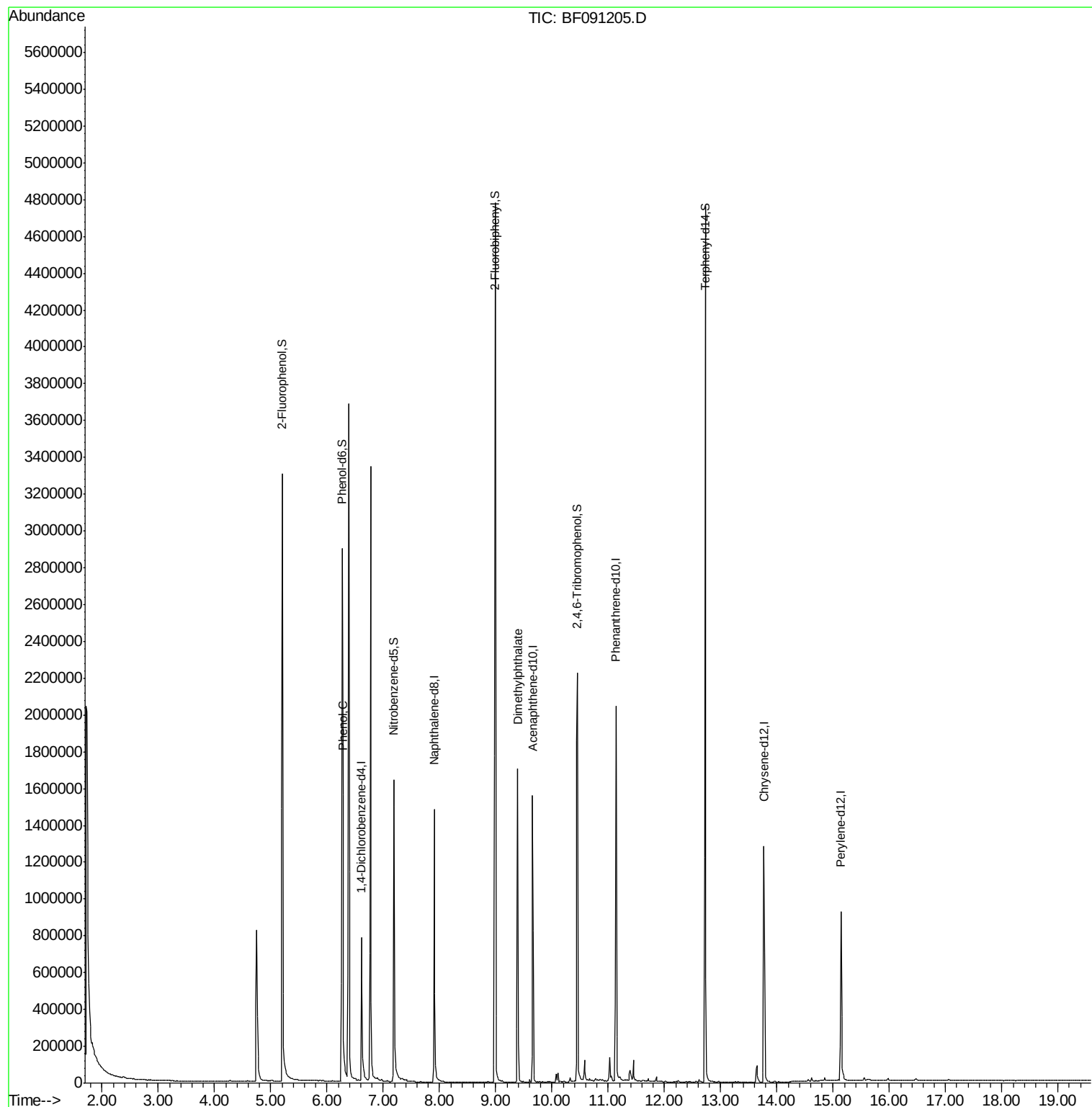
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	175630	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	775265	20.00	ng	-0.01
38) Acenaphthene-d10	9.65	164	402105	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	748569	20.00	ng	0.00
75) Chrysene-d12	13.77	240	554217	20.00	ng	-0.01
86) Perylene-d12	15.14	264	395838	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1169911	110.01	ng	0.01
7) Phenol-d6	6.27	99	1399663	96.97	ng	-0.01
23) Nitrobenzene-d5	7.18	82	947313	66.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	422434	116.20	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1629483	69.77	ng	0.00
78) Terphenyl-d14	12.73	244	1555030	70.02	ng	0.00
Target Compounds						
10) Phenol	6.28	94	64813	4.06	ng	94
49) Dimethylphthalate	9.39	163	676324	25.65	ng	100

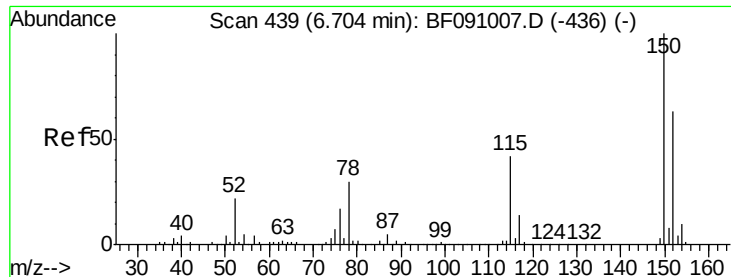
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 00:05:11 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.61 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF091205.D

Acq: 16 Nov 2016 23:06

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9A

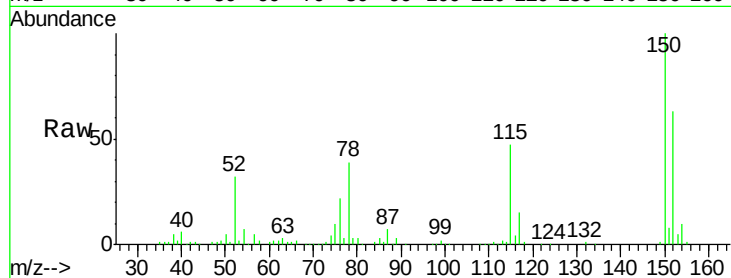
Tgt Ion:152 Resp: 175630

Ion Ratio Lower Upper

152 100

150 159.2 126.8 190.2

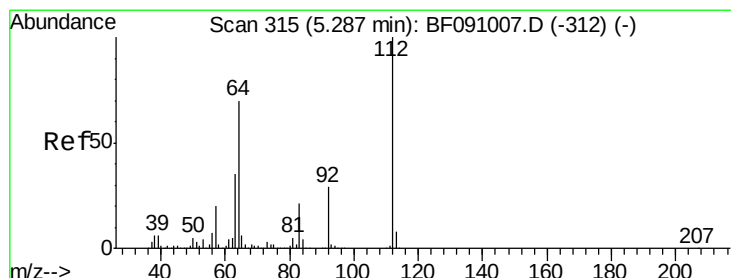
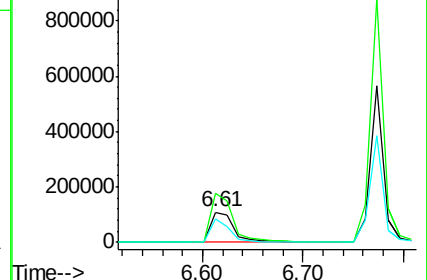
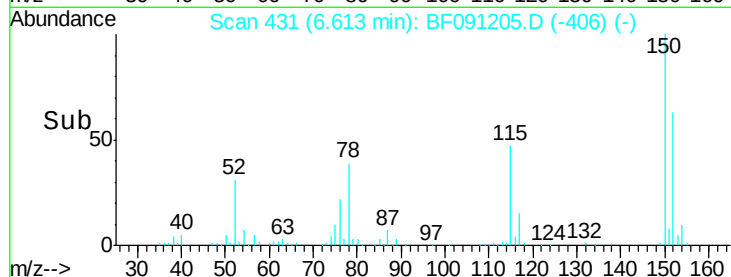
115 75.6 53.3 79.9



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: 110.01 ng

RT: 5.21 min Scan# 308

Delta R.T. 0.01 min

Lab File: BF091205.D

Acq: 16 Nov 2016 23:06

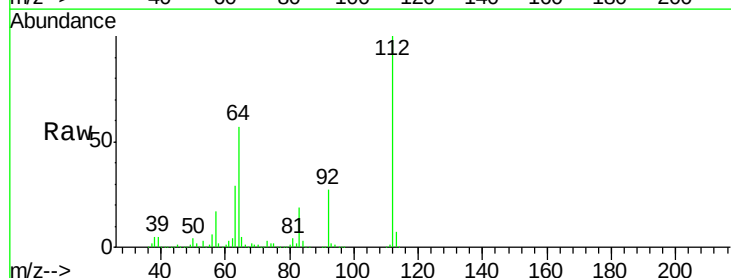
Tgt Ion:112 Resp: 1169911

Ion Ratio Lower Upper

112 100

64 56.8 55.8 83.6

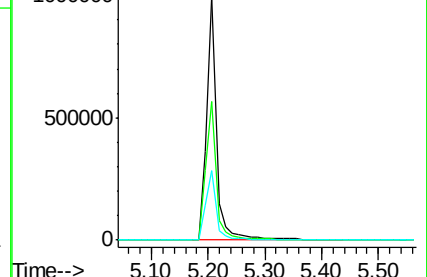
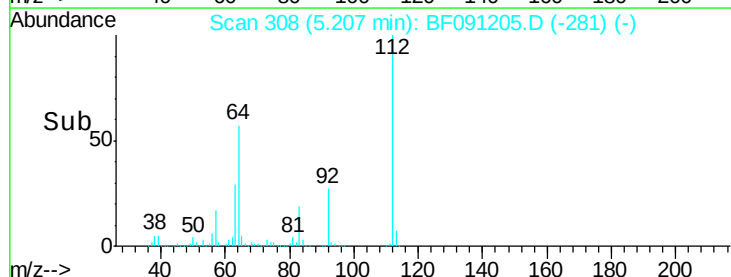
63 28.7 28.0 42.0

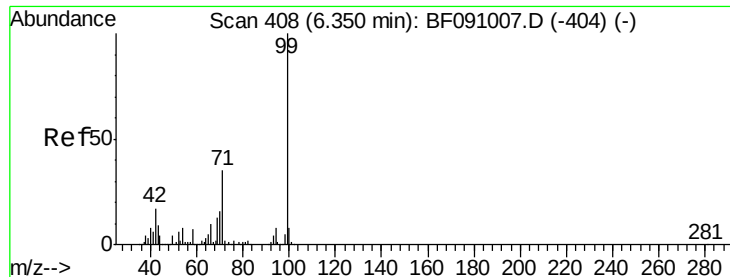


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.97 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF091205.D

Acq: 16 Nov 2016 23:06

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9A

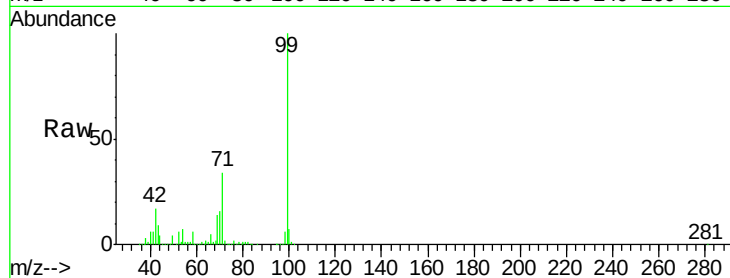
Tgt Ion: 99 Resp: 1399663

Ion Ratio Lower Upper

99 100

42 16.9 13.9 20.9

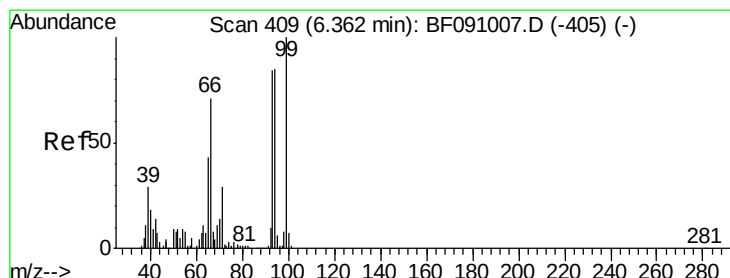
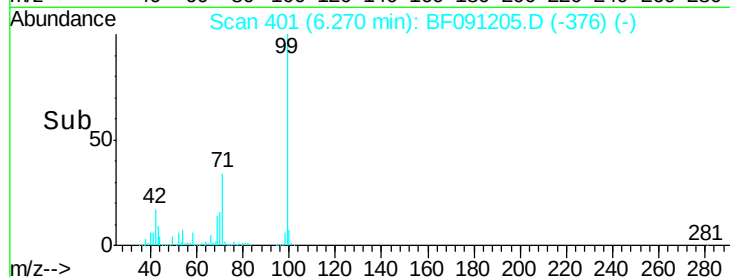
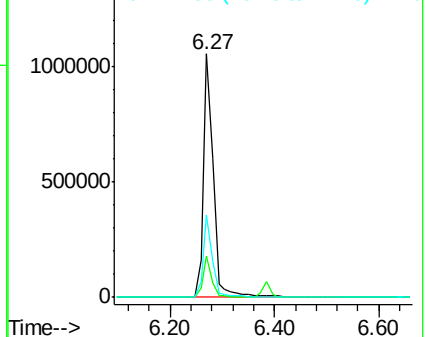
71 34.0 27.8 41.8



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: 4.06 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF091205.D

Acq: 16 Nov 2016 23:06

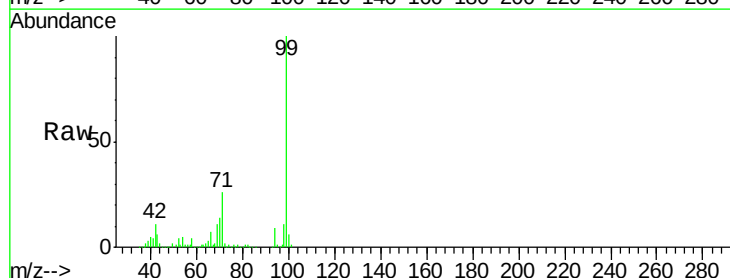
Tgt Ion: 94 Resp: 64813

Ion Ratio Lower Upper

94 100

65 40.2 30.4 70.4

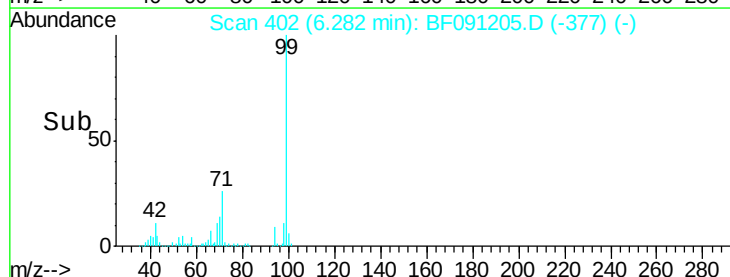
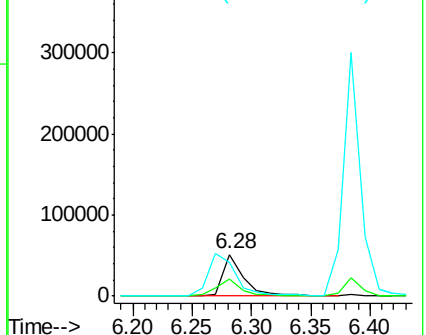
66 82.0 62.9 102.9

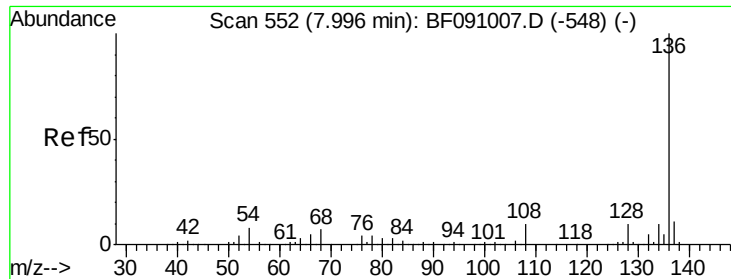


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

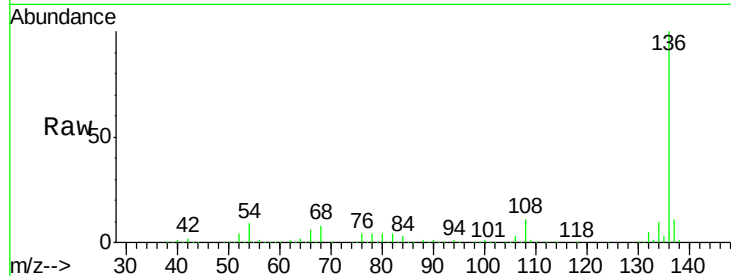




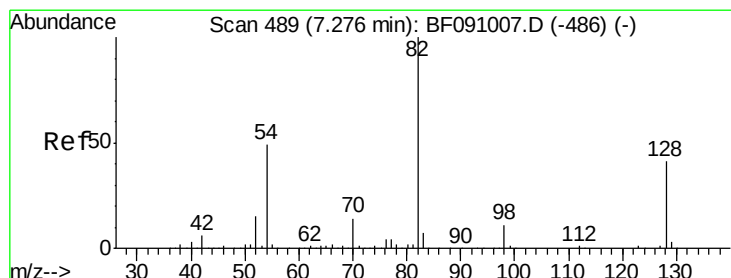
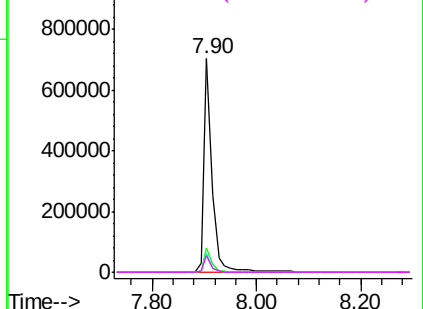
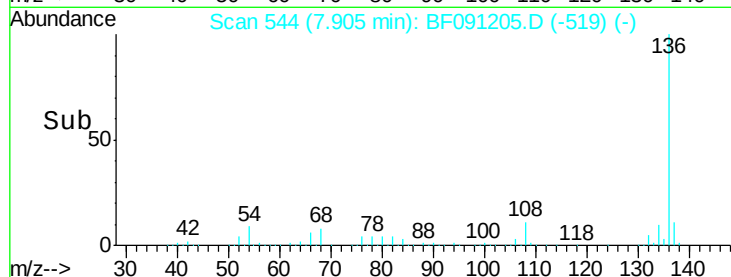
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF091205.D
Acq: 16 Nov 2016 23:06

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9A

Tgt Ion:	136	Resp:	775265
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.0	6.2	9.2
68	7.9	5.5	8.3

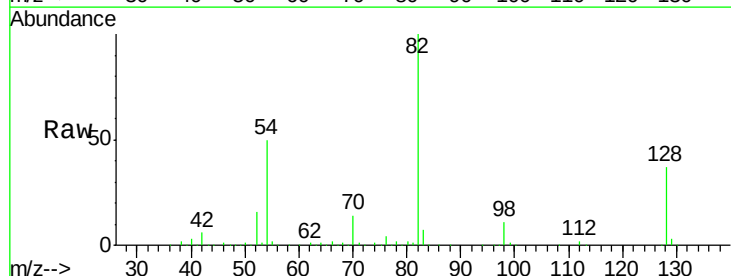


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

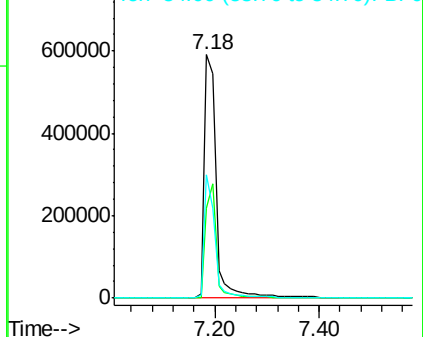
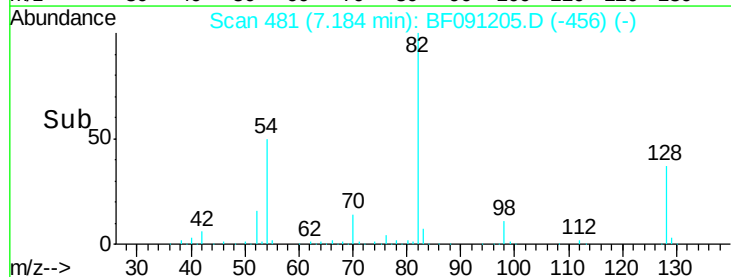


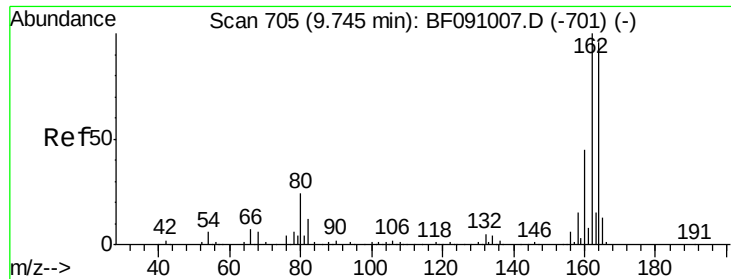
#23
Nitrobenzene-d5
Concen: 66.66 ng
RT: 7.18 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF091205.D
Acq: 16 Nov 2016 23:06

Tgt Ion:	82	Resp:	947313
Ion	Ratio	Lower	Upper
82	100		
128	36.8	32.4	48.6
54	50.4	39.2	58.8



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: 9.65 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF091205.D

Acq: 16 Nov 2016 23:06

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9A

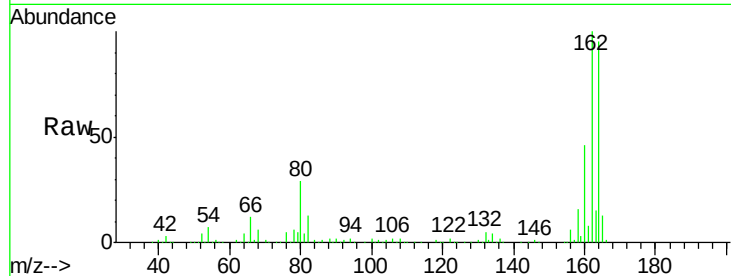
Tgt Ion:164 Resp: 402105

Ion Ratio Lower Upper

164 100

162 105.6 83.6 125.4

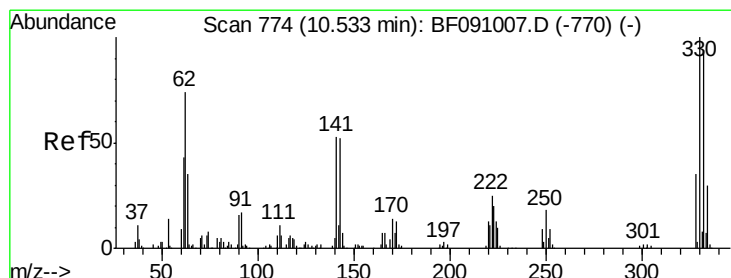
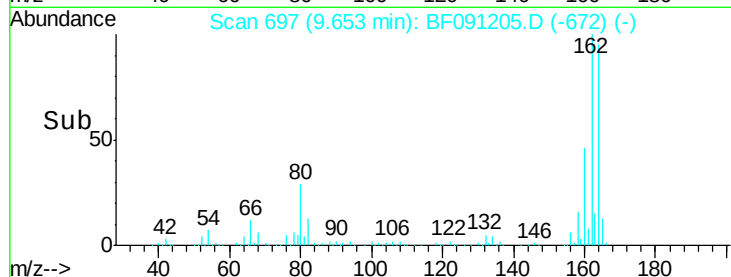
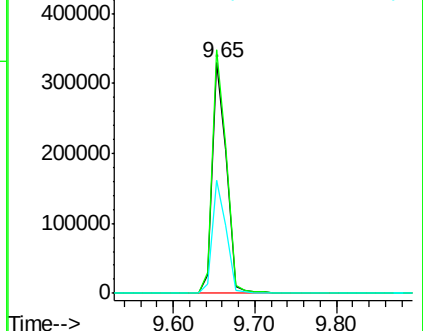
160 48.9 37.9 56.9



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: 116.20 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF091205.D

Acq: 16 Nov 2016 23:06

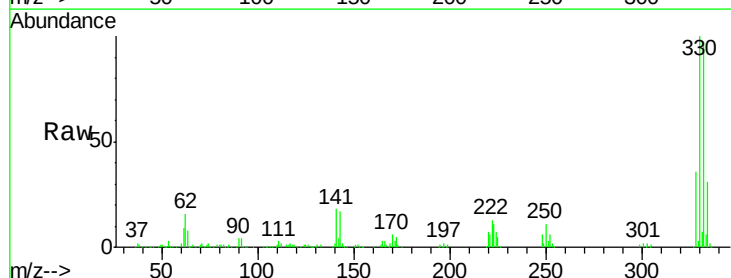
Tgt Ion:330 Resp: 422434

Ion Ratio Lower Upper

330 100

332 96.9 75.9 113.9

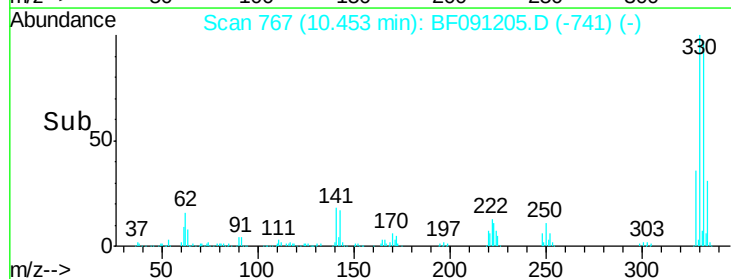
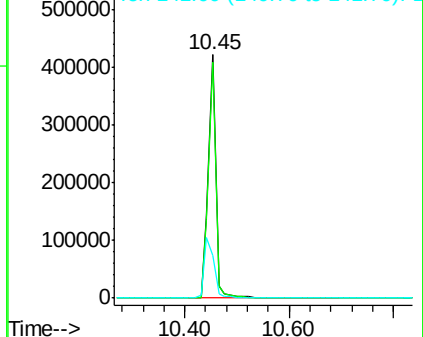
141 32.7 36.1 54.1#

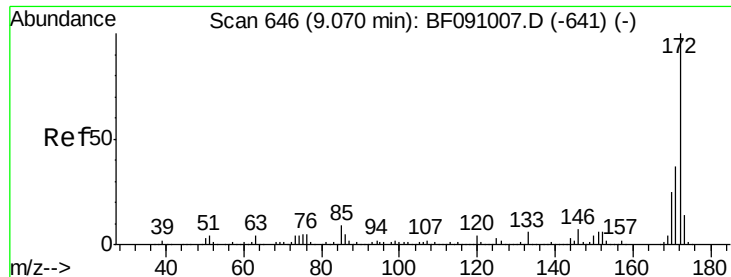


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

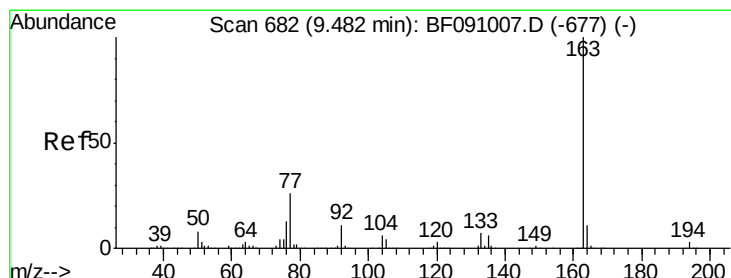
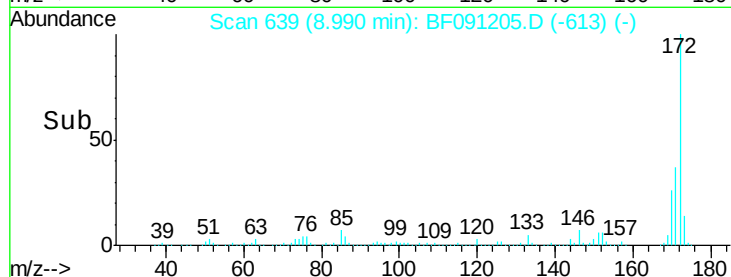
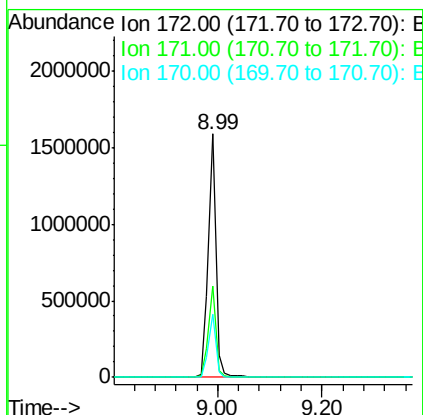
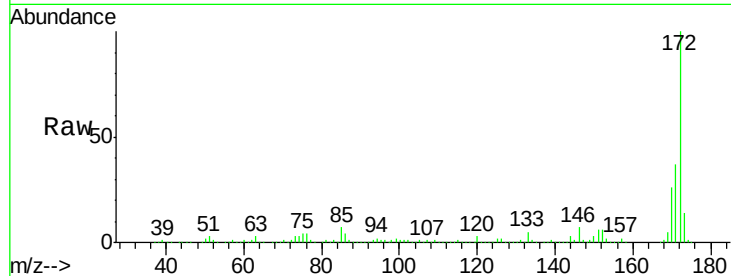




#44
 2-Fluorobiphenyl
 Concen: 69.77 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF091205.D
 Acq: 16 Nov 2016 23:06

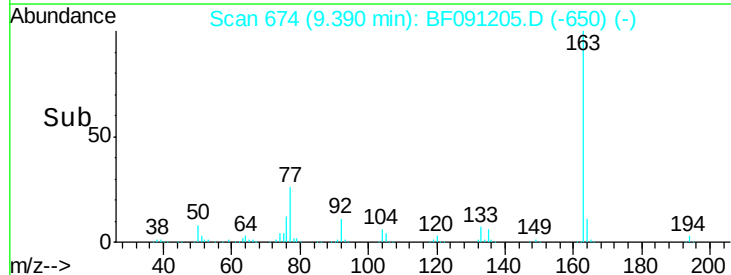
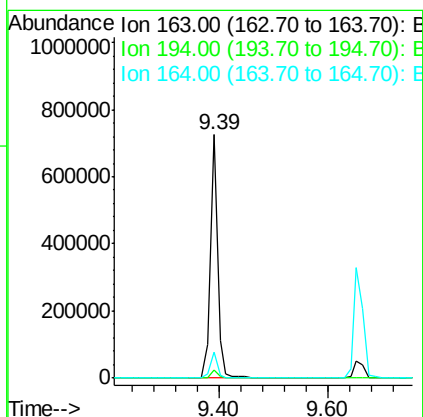
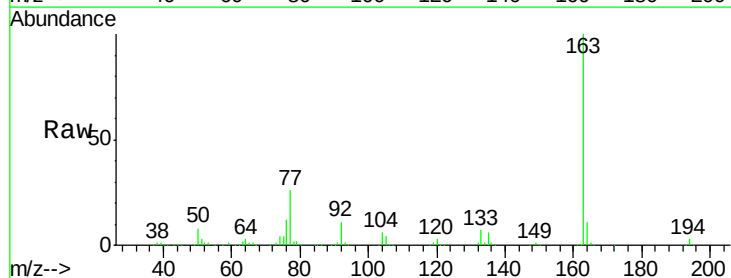
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9A

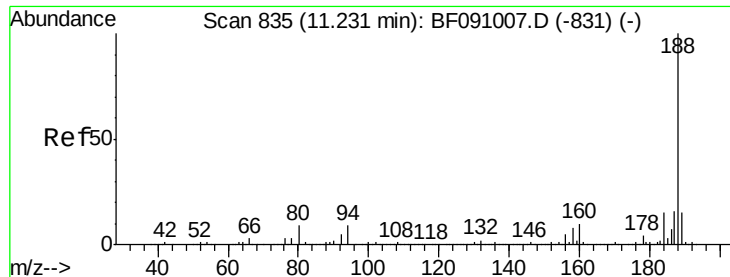
Tgt Ion:172 Resp: 1629483
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 25.8 20.3 30.5



#49
 Dimethylphthalate
 Concen: 25.65 ng
 RT: 9.39 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF091205.D
 Acq: 16 Nov 2016 23:06

Tgt Ion:163 Resp: 676324
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.8 8.7 13.1

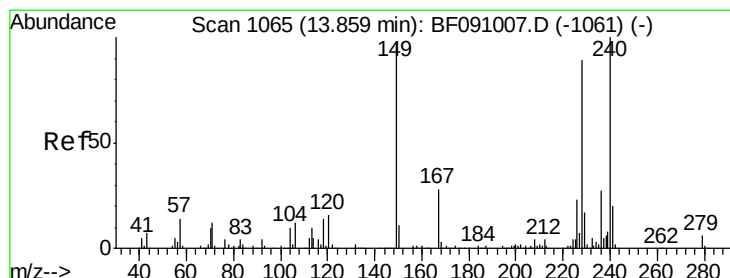
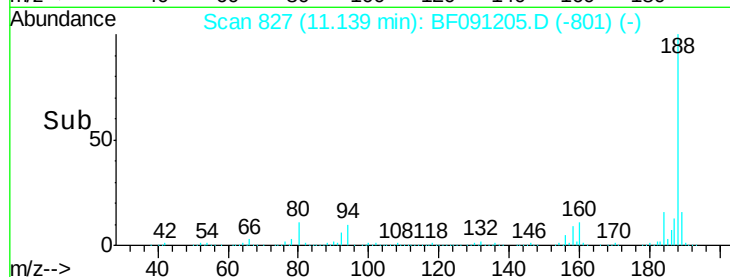
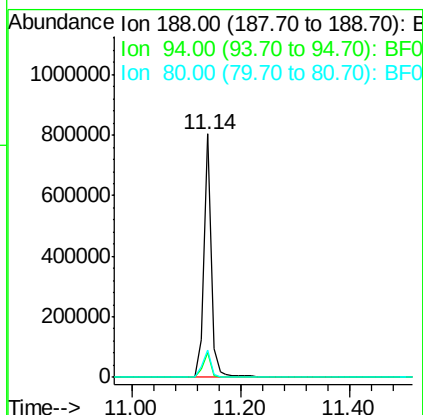
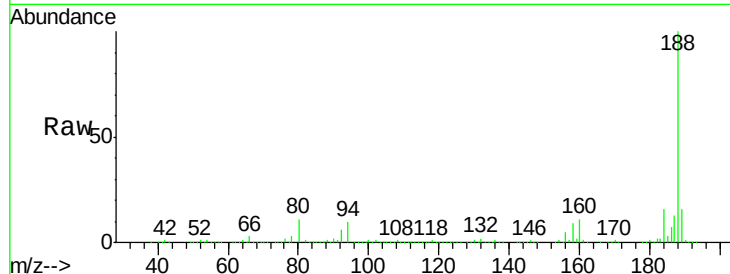




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF091205.D
Acq: 16 Nov 2016 23:06

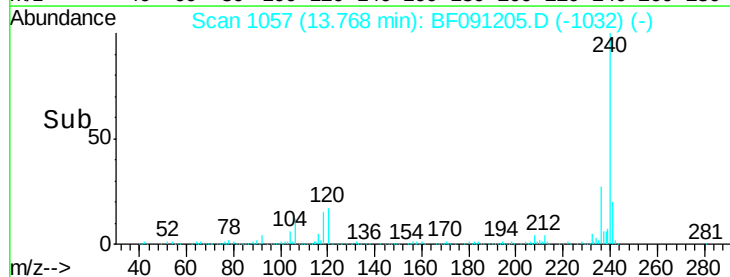
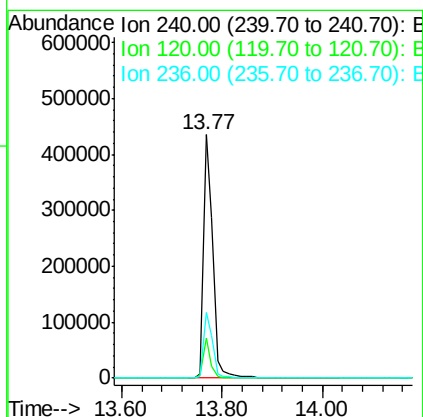
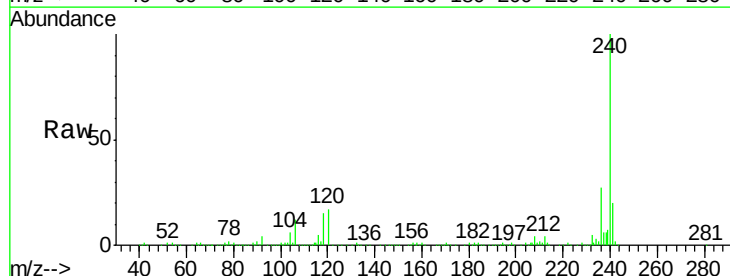
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9A

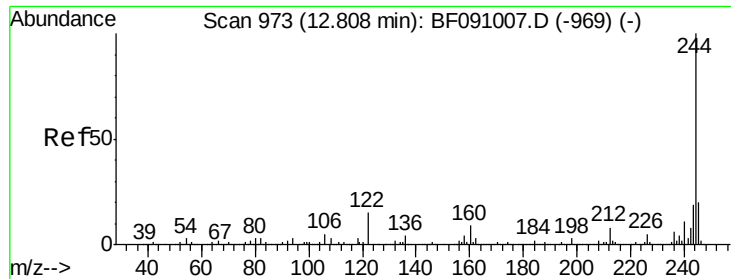
Tgt Ion:188 Resp: 748569
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.4
80 11.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF091205.D
Acq: 16 Nov 2016 23:06

Tgt Ion:240 Resp: 554217
Ion Ratio Lower Upper
240 100
120 16.6 12.9 19.3
236 27.2 21.9 32.9

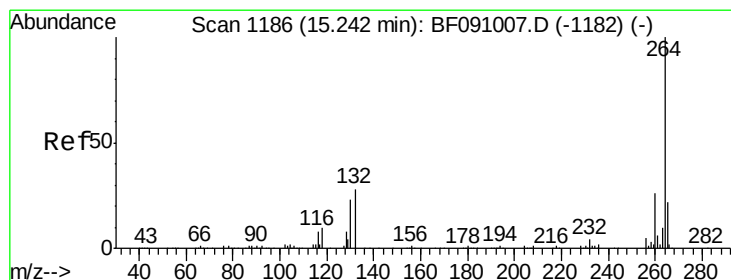
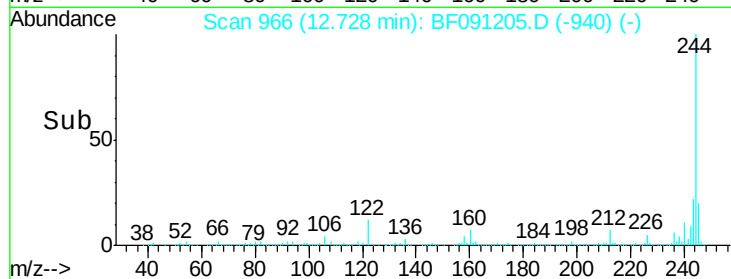
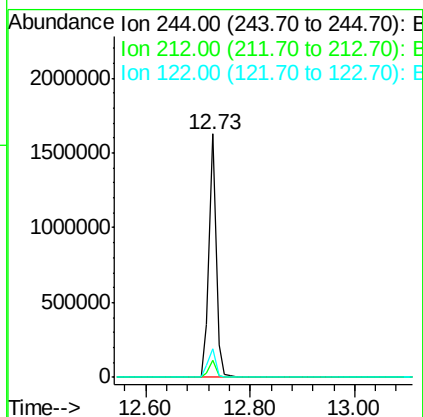
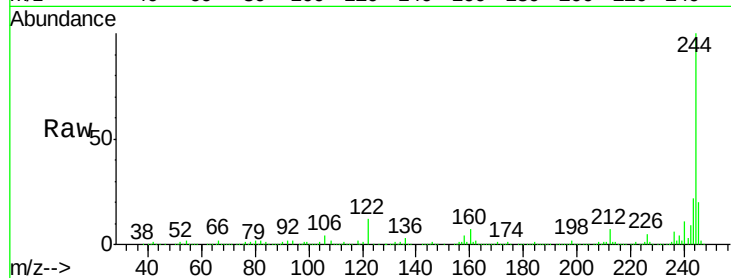




#78
 Terphenyl-d14
 Concen: 70.02 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF091205.D
 Acq: 16 Nov 2016 23:06

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9A

Tgt Ion:244 Resp: 1555030
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.4 9.6
 122 11.7 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF091205.D
 Acq: 16 Nov 2016 23:06

Tgt Ion:264 Resp: 395838
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.6 30.8
 265 22.0 17.8 26.8

