

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092961.D
 Acq On : 15 Feb 2017 19:58
 Operator : SJ/MA
 Sample : I1839-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA9B-AA10B-AA11B-AA

Quant Time: Feb 16 01:22:07 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

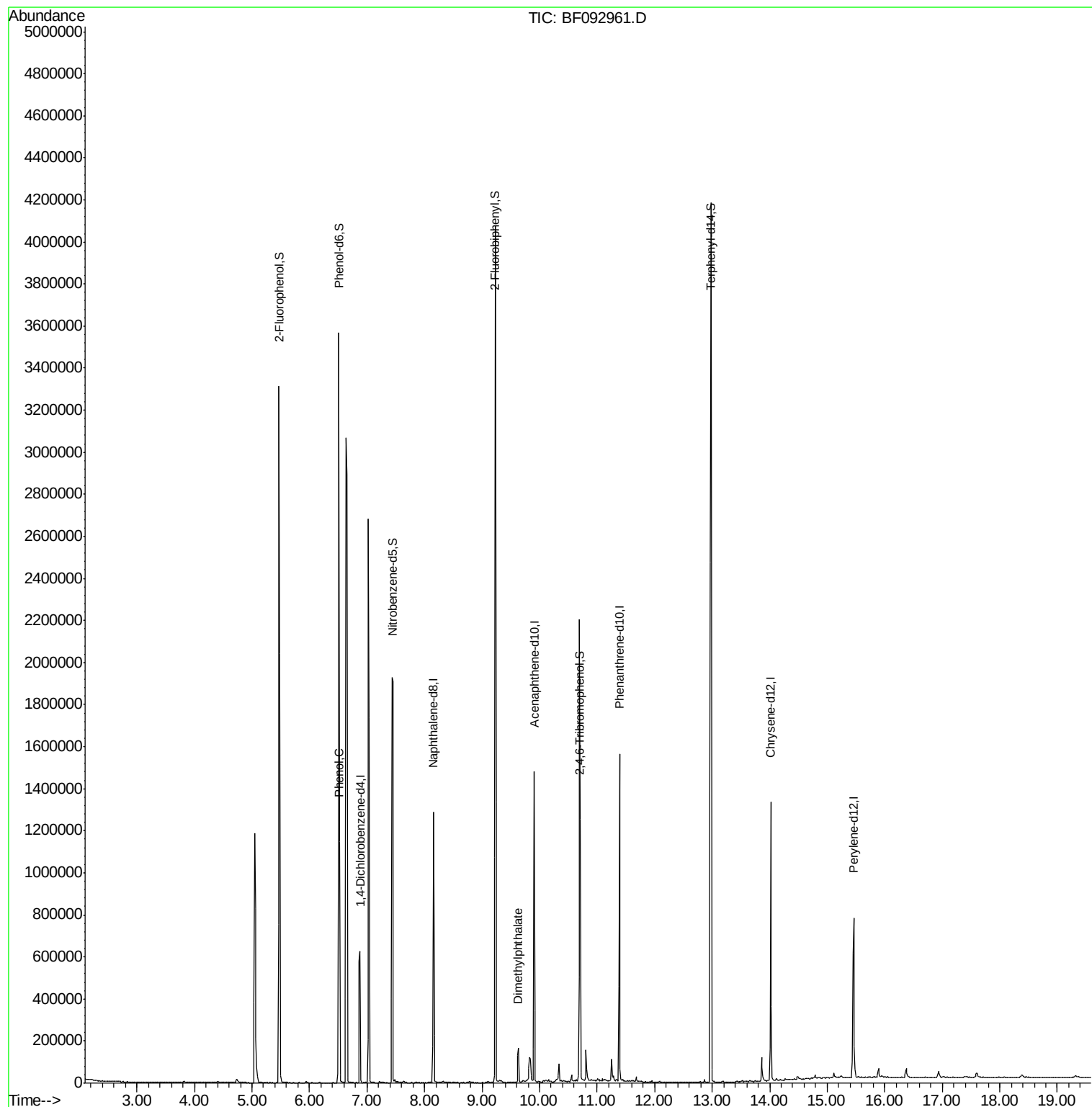
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	142538	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	568252	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	317251	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	574487	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	459068	20.00	ng	-0.03
86) Perylene-d12	15.46	264	383359	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1220102	146.85	ng	-0.01
7) Phenol-d6	6.51	99	1430520	133.82	ng	-0.02
23) Nitrobenzene-d5	7.45	82	999324	97.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	353275	153.96	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1552201	88.64	ng	-0.01
78) Terphenyl-d14	12.98	244	1558574	79.77	ng	-0.01
Target Compounds						
10) Phenol	6.52	94	86260	6.90	ng	83
49) Dimethylphthalate	9.63	163	93601	4.38	ng	99

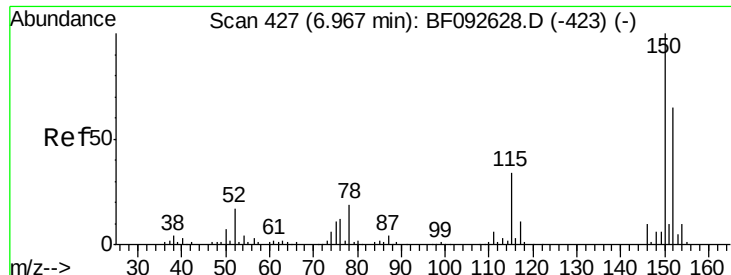
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092961.D

Acq: 15 Feb 2017 19:58

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA9B-AA10B-AA11B-AA

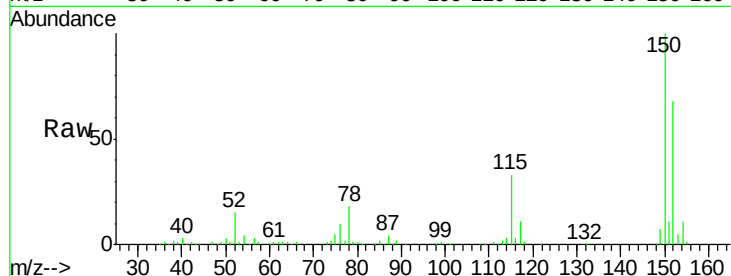
Tgt Ion:152 Resp: 142538

Ion Ratio Lower Upper

152 100

150 146.8 124.9 187.3

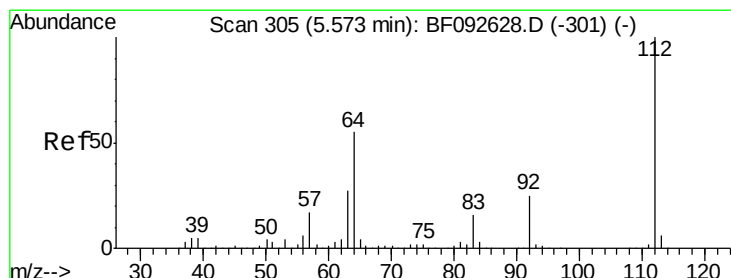
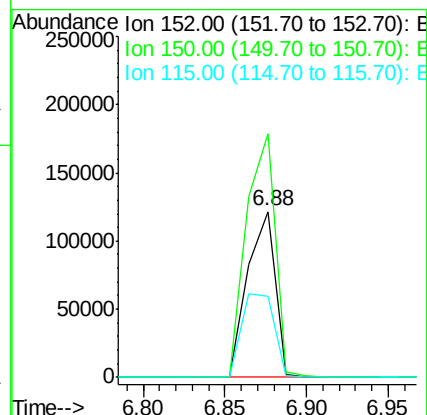
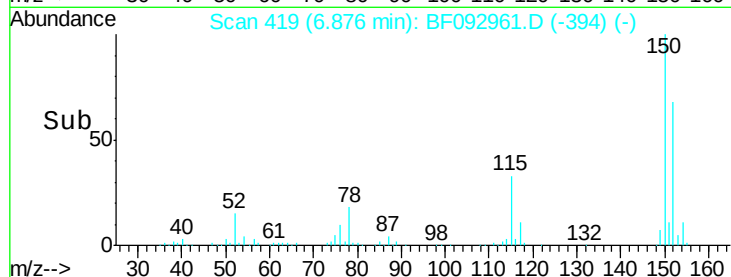
115 48.9 46.0 69.0



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: 146.85 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF092961.D

Acq: 15 Feb 2017 19:58

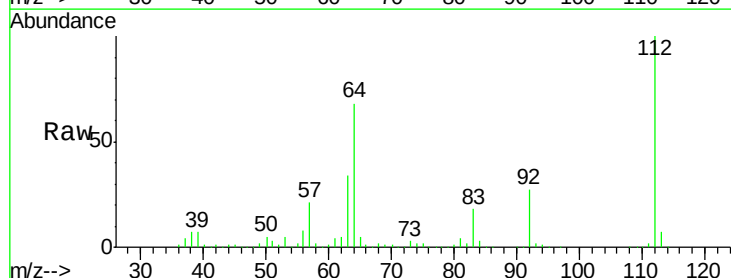
Tgt Ion:112 Resp: 1220102

Ion Ratio Lower Upper

112 100

64 68.3 46.1 69.1

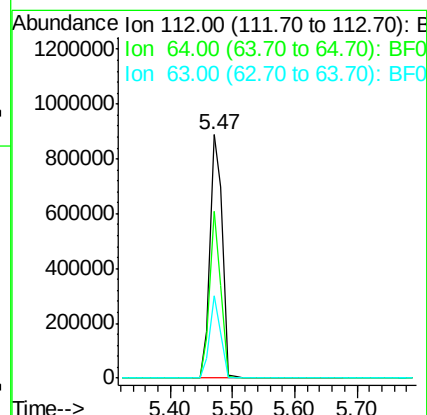
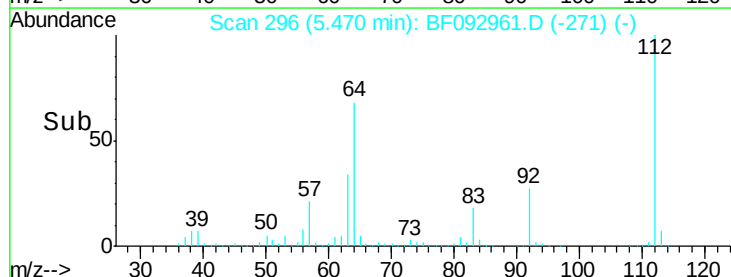
63 34.1 23.8 35.6

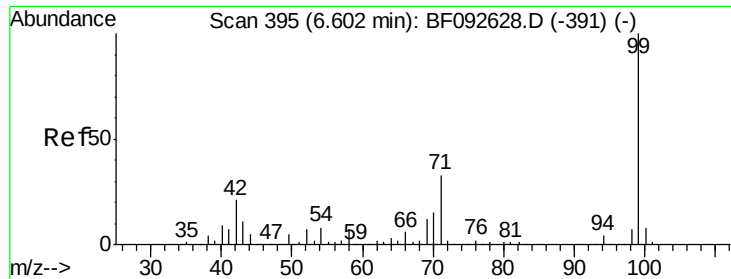


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.82 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092961.D

Acq: 15 Feb 2017 19:58

Instrument :

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ClientSampleId :

FK-BPM-01-AA9B-AA10B-AA11B-AA

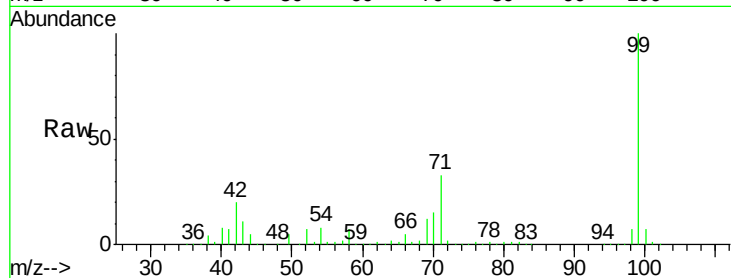
Tgt Ion: 99 Resp: 1430520

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

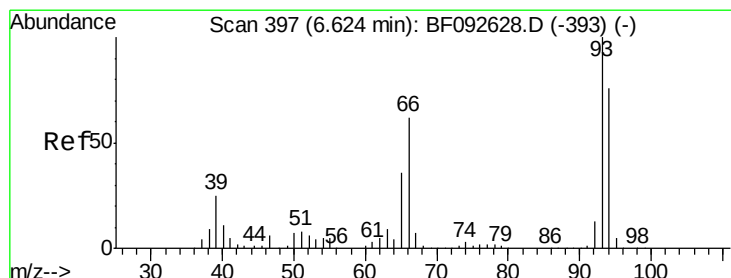
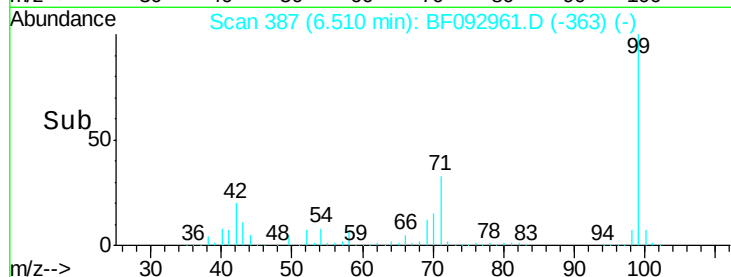
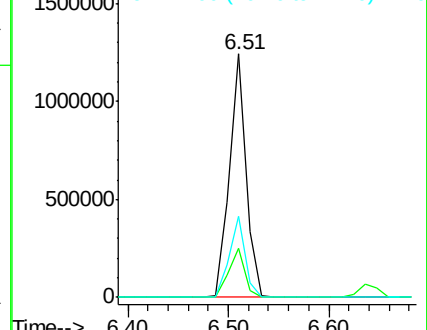
71 33.4 27.5 41.3



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: 6.90 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF092961.D

Acq: 15 Feb 2017 19:58

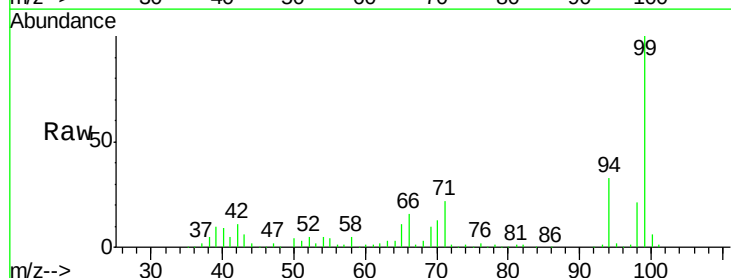
Tgt Ion: 94 Resp: 86260

Ion Ratio Lower Upper

94 100

65 32.5 21.4 61.4

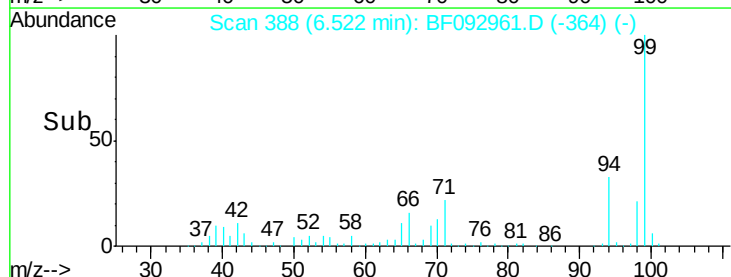
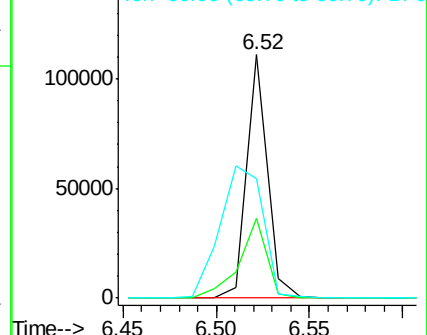
66 48.9 44.0 84.0

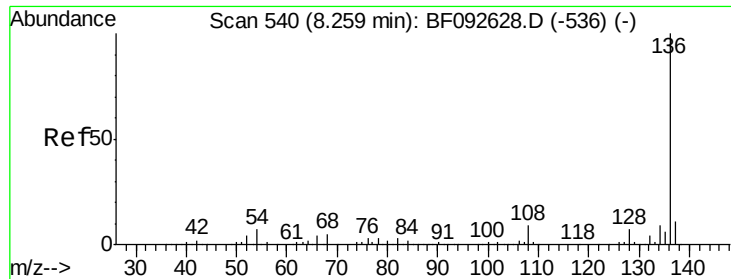


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

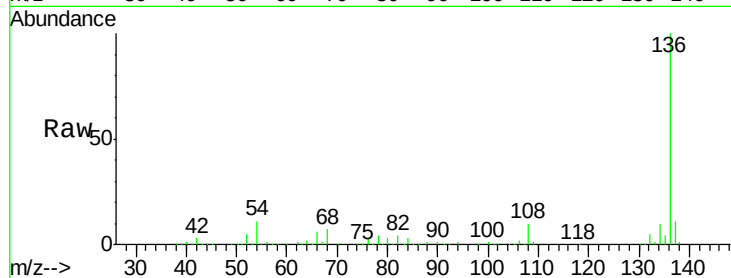




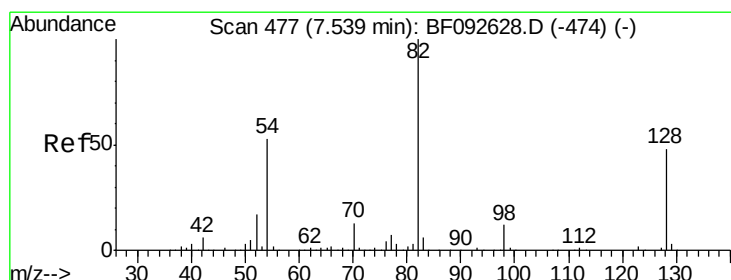
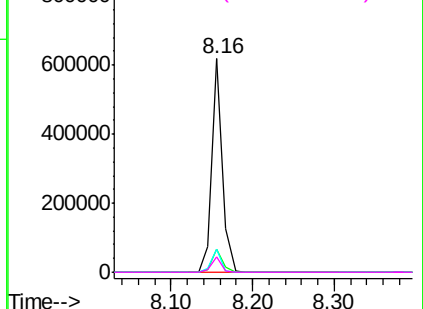
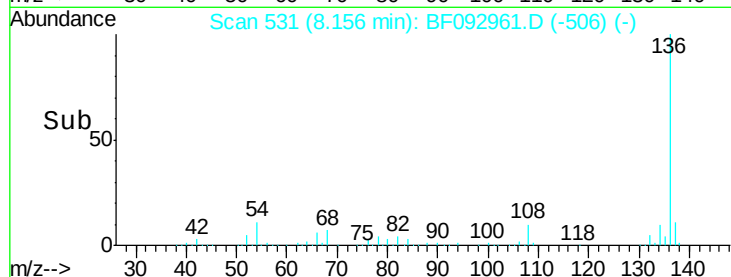
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA9B-AA10B-AA11B-AA

Tgt Ion:	136	Resp:	568252
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.8	4.5	6.7#
68	7.3	3.6	5.4#

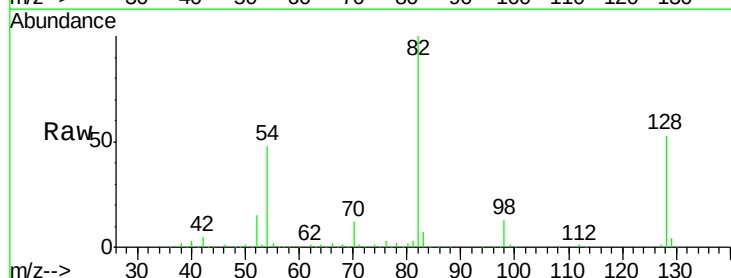


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

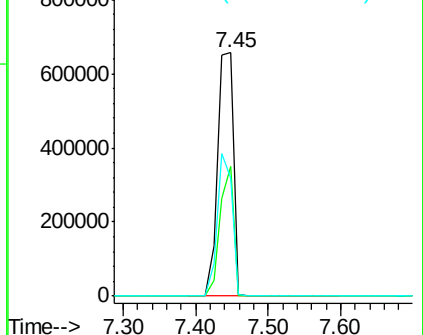
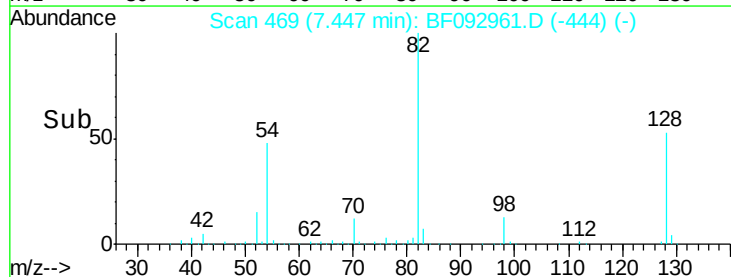


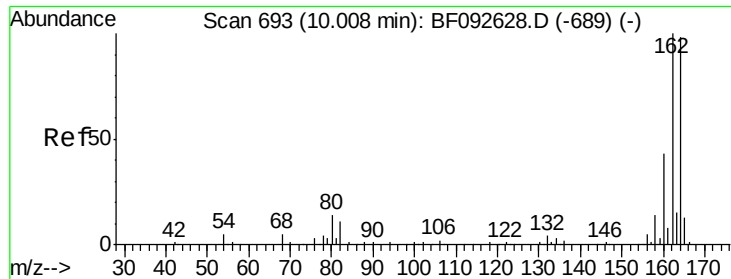
#23
Nitrobenzene-d5
Concen: 97.93 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion:	82	Resp:	999324
Ion	Ratio	Lower	Upper
82	100		
128	53.5	34.6	52.0#
54	48.3	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: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092961.D

Acq: 15 Feb 2017 19:58

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA9B-AA10B-AA11B-AA

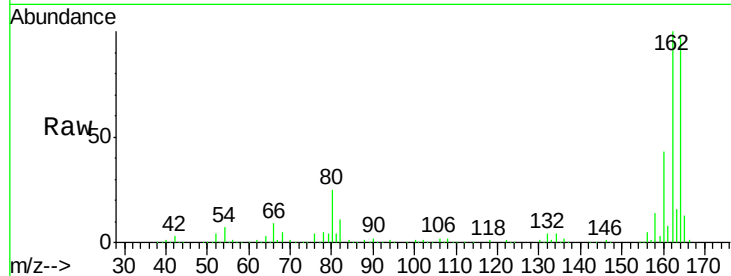
Tgt Ion:164 Resp: 317251

Ion Ratio Lower Upper

164 100

162 103.5 80.2 120.2

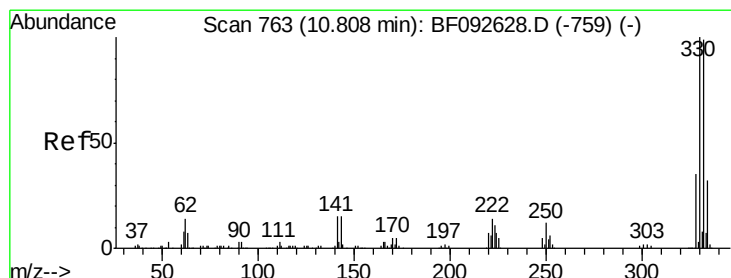
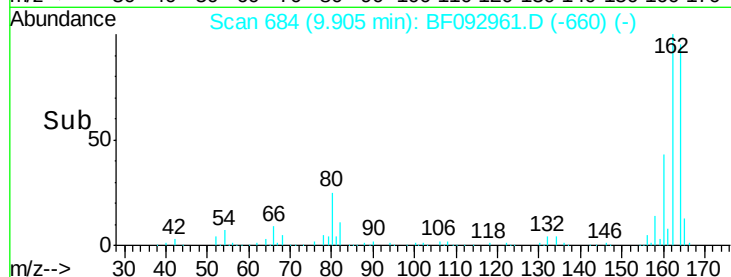
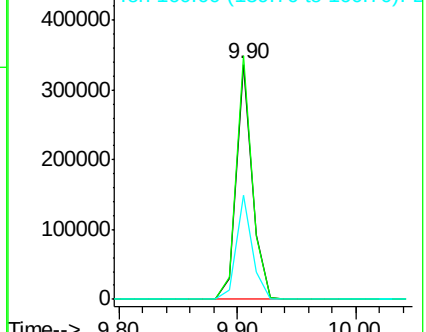
160 44.5 36.9 55.3



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: 153.96 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF092961.D

Acq: 15 Feb 2017 19:58

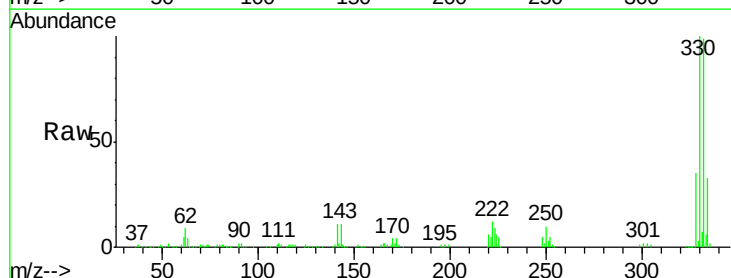
Tgt Ion:330 Resp: 353275

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.2

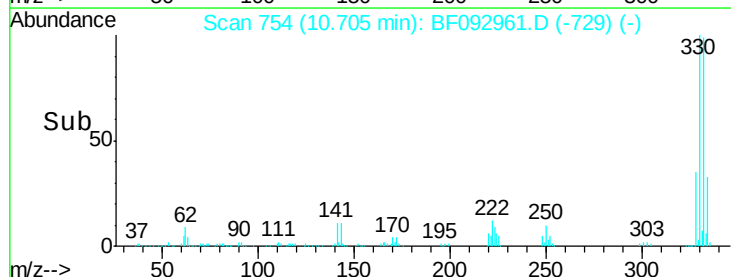
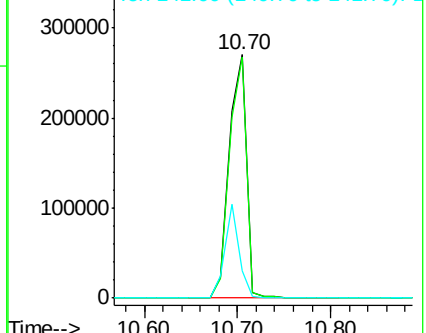
141 32.0 34.1 51.1#

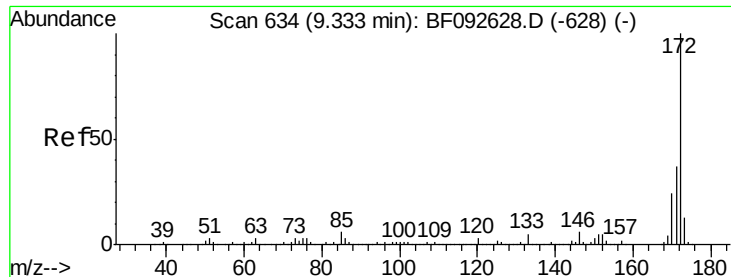


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

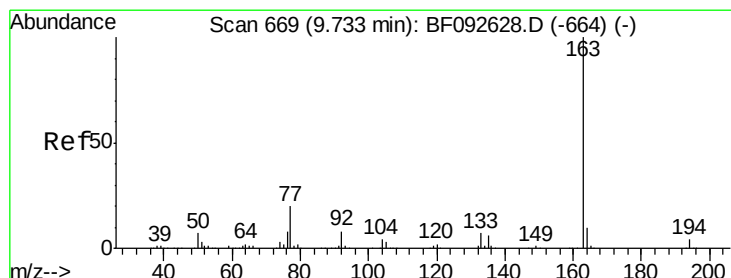
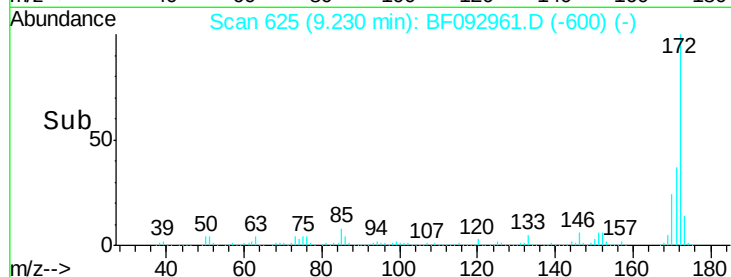
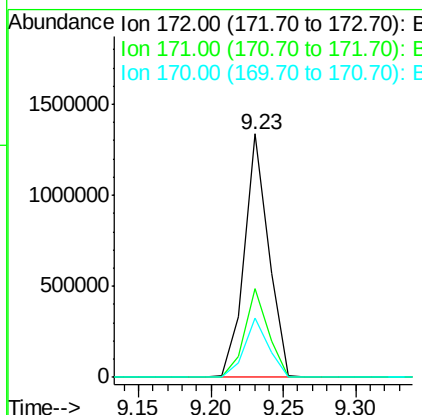
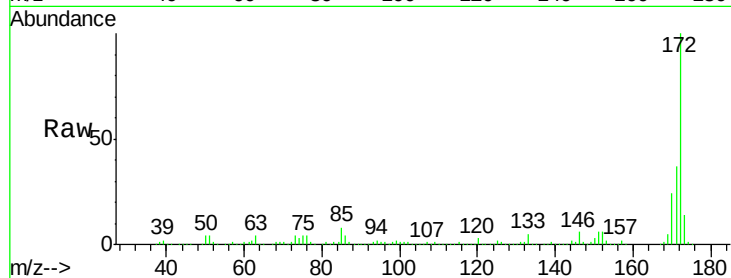




#44
 2-Fluorobiphenyl
 Concen: 88.64 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092961.D
 Acq: 15 Feb 2017 19:58

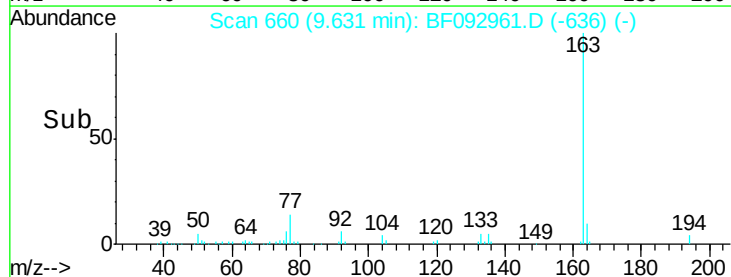
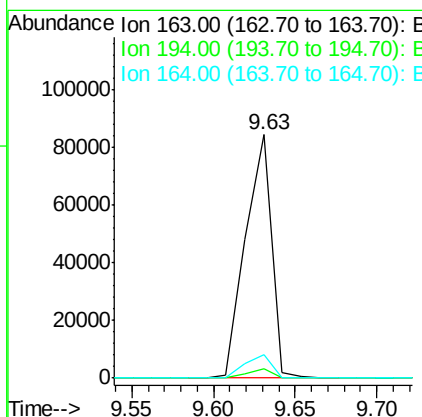
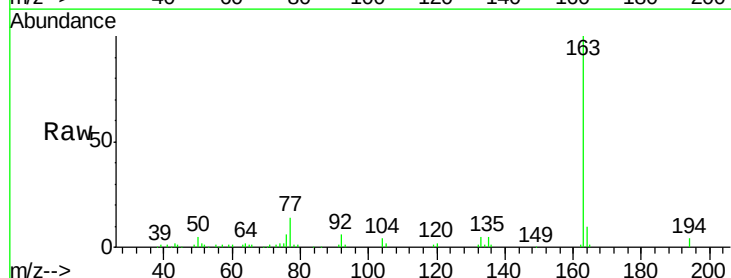
Instrument :
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 FK-BPM-01-AA9B-AA10B-AA11B-AA

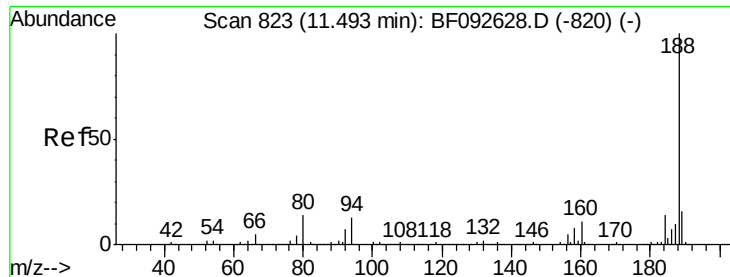
Tgt Ion:172 Resp: 1552201
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.4 20.2 30.4



#49
 Dimethylphthalate
 Concen: 4.38 ng
 RT: 9.63 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF092961.D
 Acq: 15 Feb 2017 19:58

Tgt Ion:163 Resp: 93601
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.0 4.4
 164 9.7 8.0 12.0

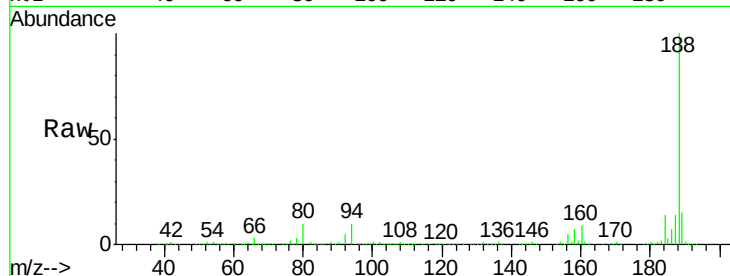




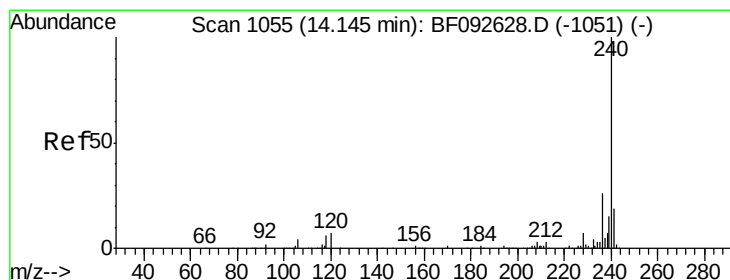
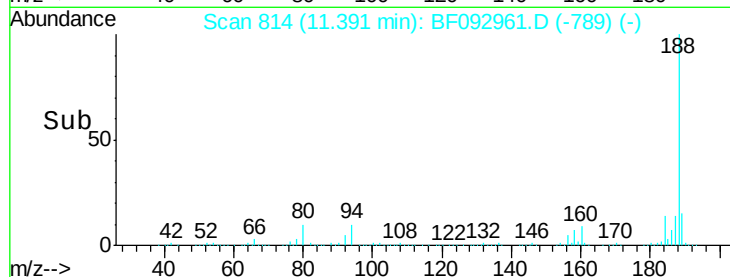
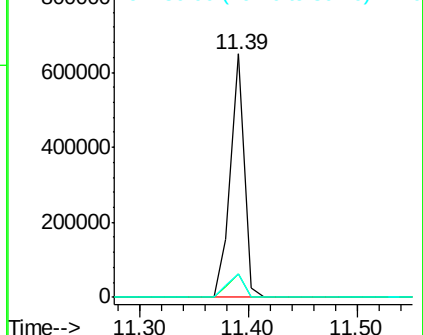
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA9B-AA10B-AA11B-AA

Tgt Ion:188 Resp: 574487
Ion Ratio Lower Upper
188 100
94 9.6 10.0 15.0#
80 9.8 11.2 16.8#

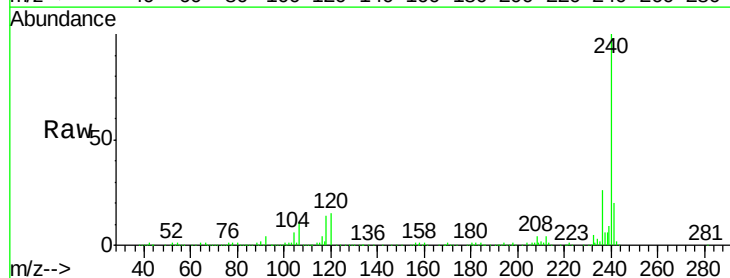


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

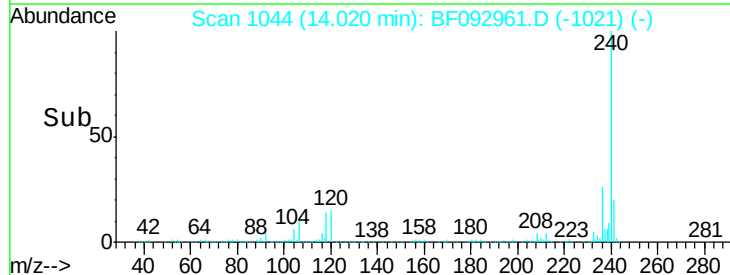
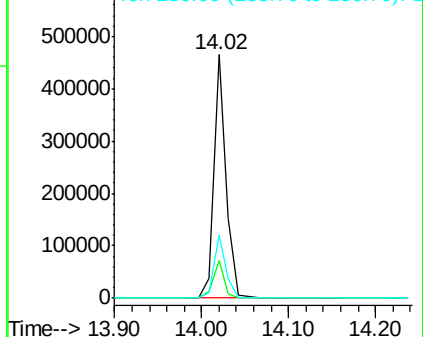


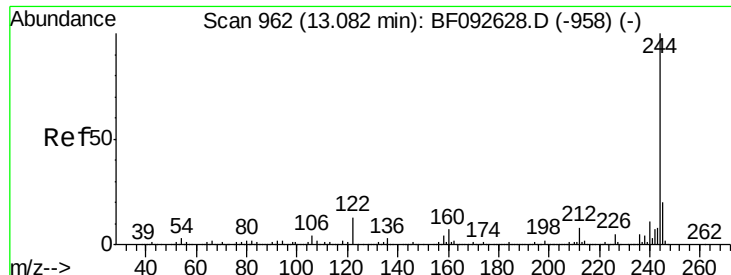
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion:240 Resp: 459068
Ion Ratio Lower Upper
240 100
120 15.3 12.9 19.3
236 26.1 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

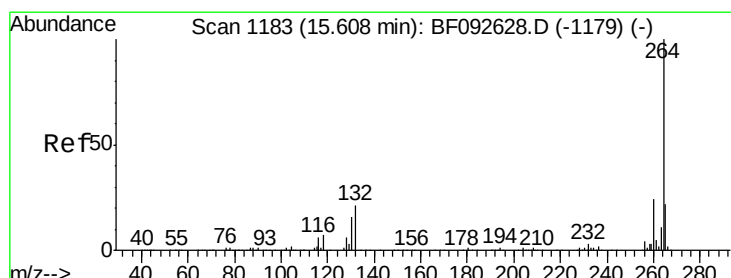
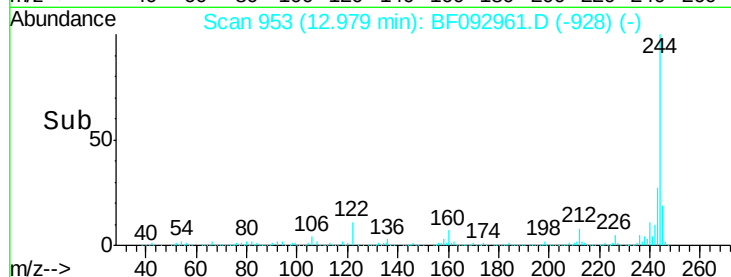
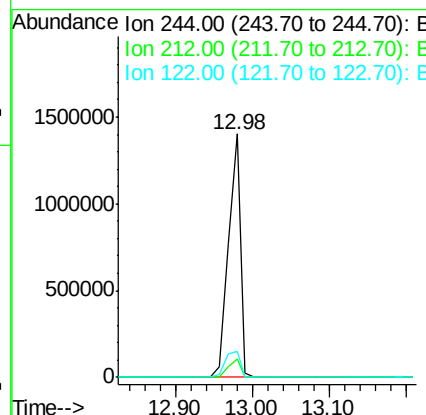
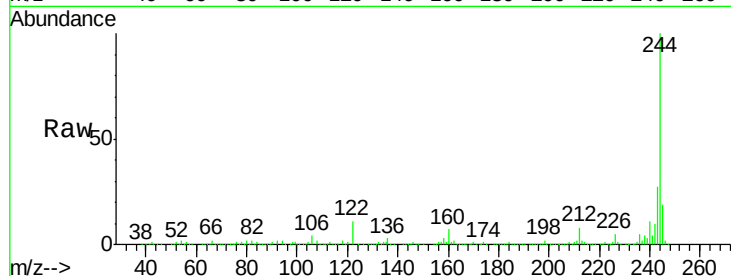




#78
 Terphenyl-d14
 Concen: 79.77 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092961.D
 Acq: 15 Feb 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA9B-AA10B-AA11B-AA

Tgt Ion:244 Resp: 1558574
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.9 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF092961.D
 Acq: 15 Feb 2017 19:58

Tgt Ion:264 Resp: 383359
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.6 17.4 26.0

