

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092651.D
 Acq On : 30 Jan 2017 23:22
 Operator : SJ/MA
 Sample : I1553-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4B

Quant Time: Jan 31 01:36:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

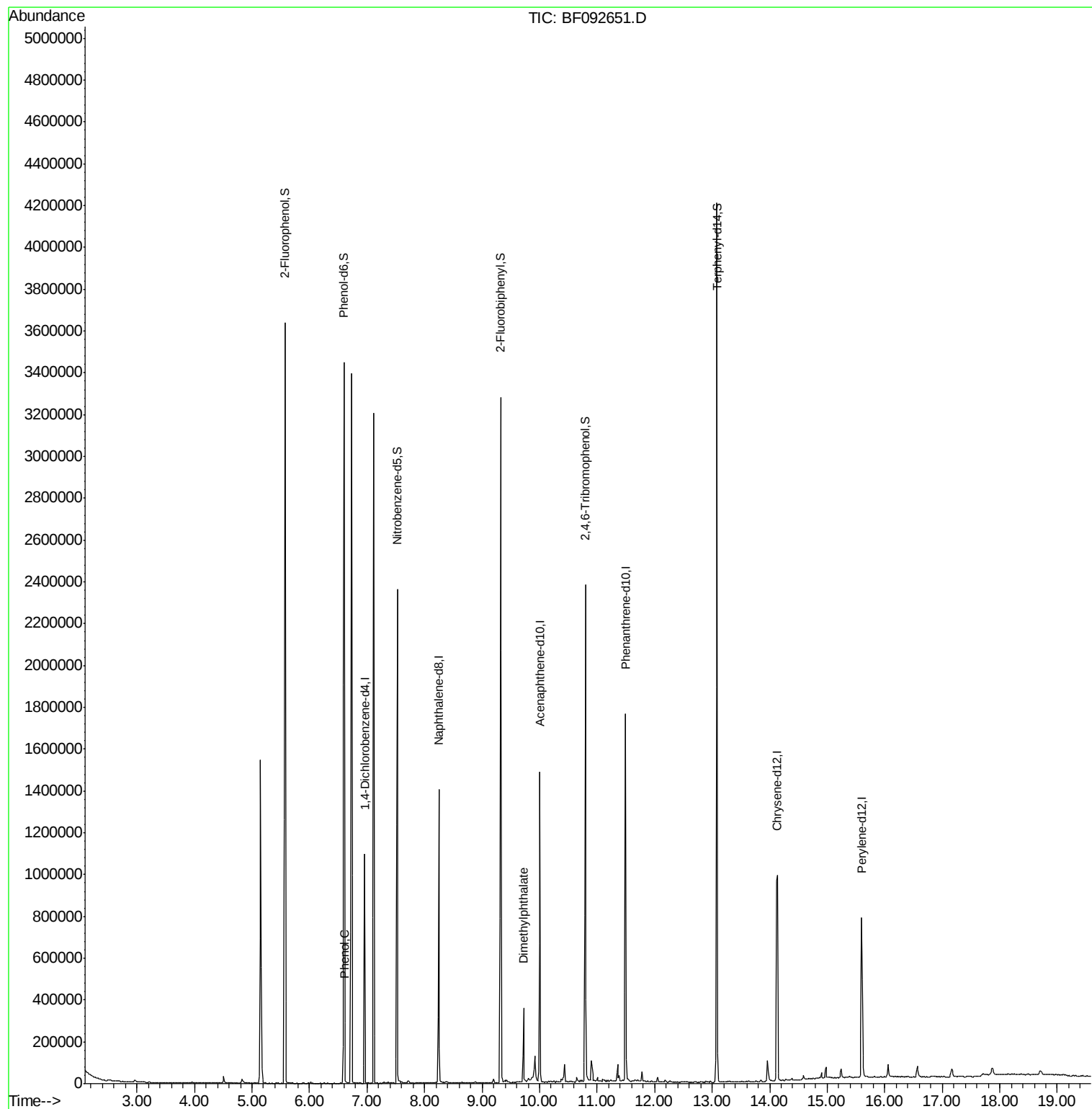
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	152635	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	644225	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	371684	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	634570	20.00	ng	0.00
75) Chrysene-d12	14.13	240	511781	20.00	ng	-0.01
86) Perylene-d12	15.60	264	368615	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1005316	113.00	ng	0.00
7) Phenol-d6	6.60	99	1339182	116.99	ng	0.00
23) Nitrobenzene-d5	7.53	82	877008	75.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	284095	105.68	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1479403	72.11	ng	-0.01
78) Terphenyl-d14	13.08	244	1413968	64.92	ng	0.00
Target Compounds						
10) Phenol	6.61	94	62497	4.67	ng	Qvalue # 65
49) Dimethylphthalate	9.72	163	162694	6.50	ng	99

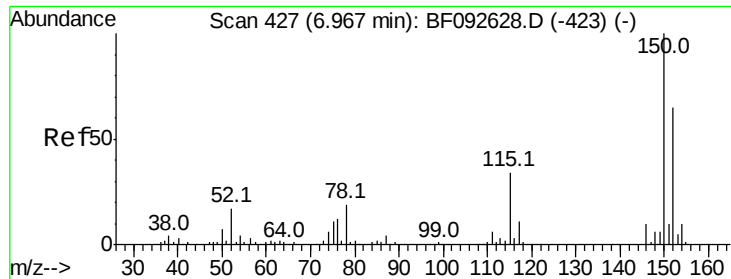
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092651.D

Acq: 30 Jan 2017 23:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4B

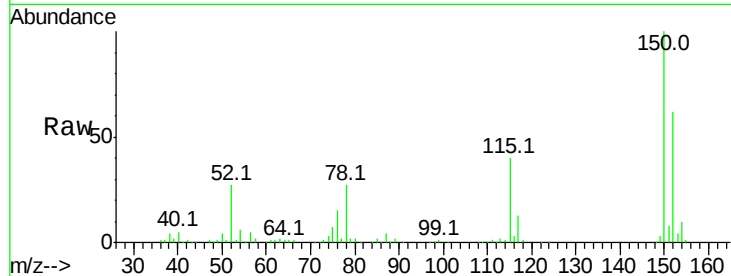
Tot Ion:152 Resp: 152635

Ion Ratio Lower Upper

152 100

150 160.1 124.9 187.3

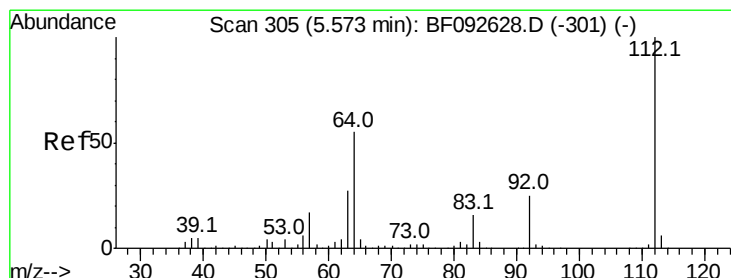
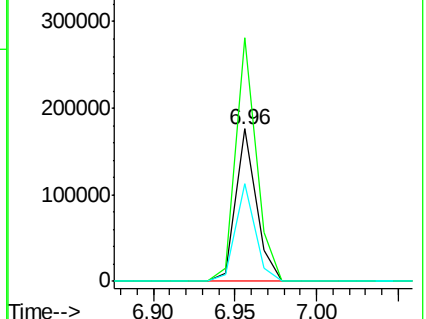
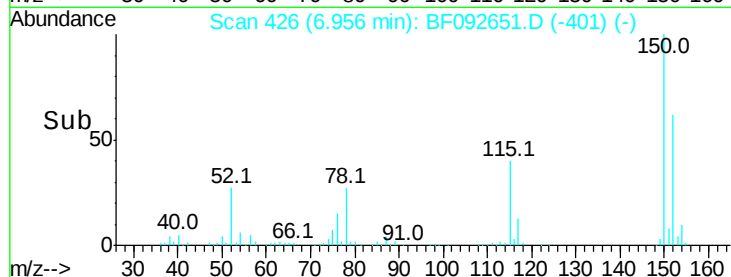
115 64.2 46.0 69.0



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: 113.00 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092651.D

Acq: 30 Jan 2017 23:22

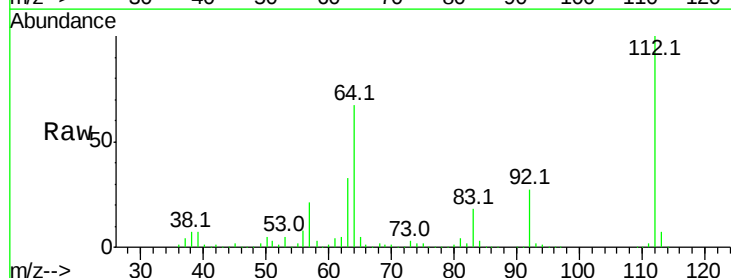
Tgt Ion:112 Resp: 1005316

Ion Ratio Lower Upper

112 100

64 67.3 46.1 69.1

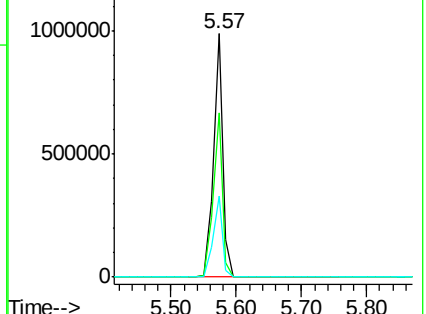
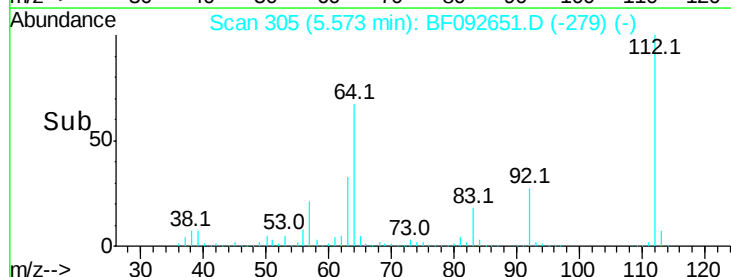
63 33.4 23.8 35.6

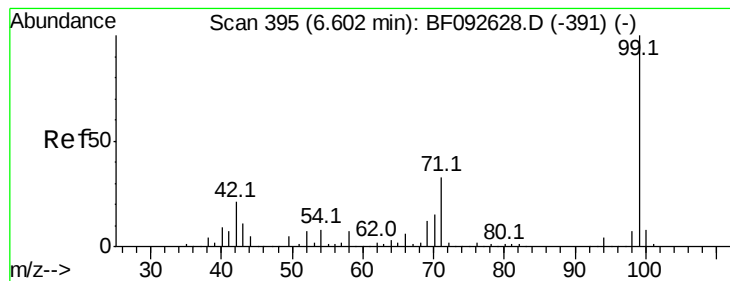


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.99 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092651.D

Acq: 30 Jan 2017 23:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4B

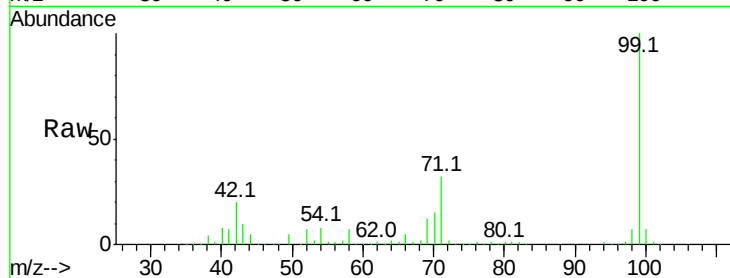
Tot Ion: 99 Resp: 1339182

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

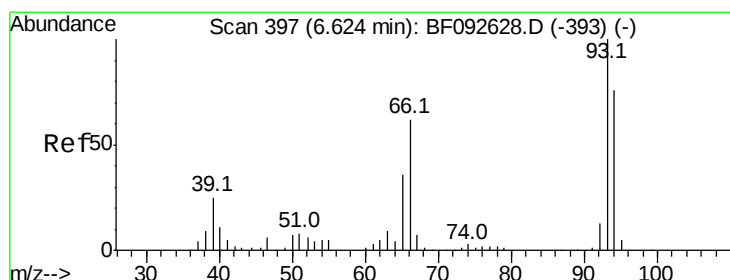
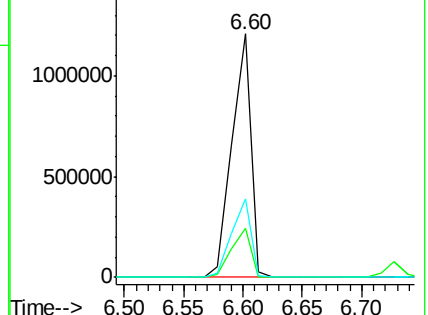
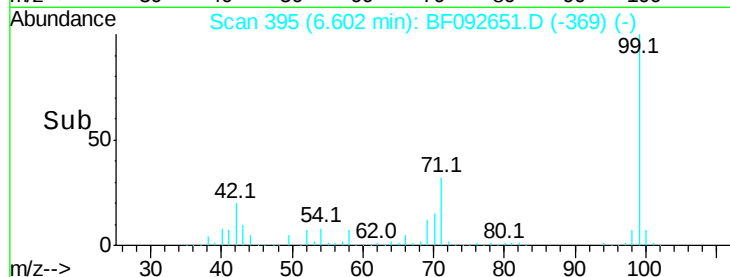
71 32.5 27.5 41.3



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: 4.67 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092651.D

Acq: 30 Jan 2017 23:22

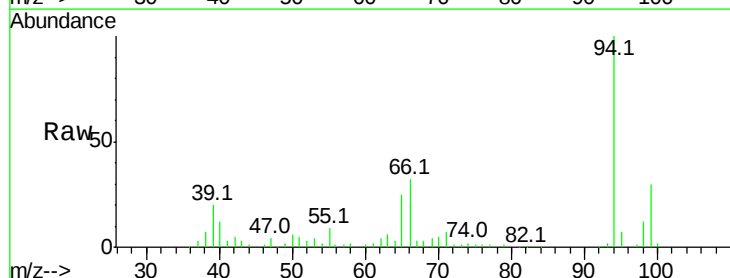
Tgt Ion: 94 Resp: 62497

Ion Ratio Lower Upper

94 100

65 25.0 21.4 61.4

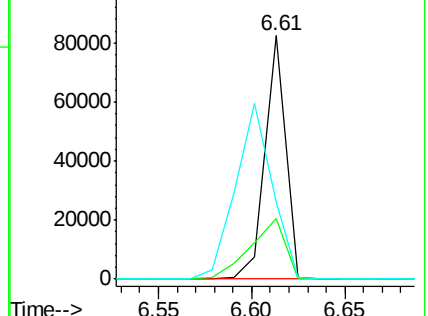
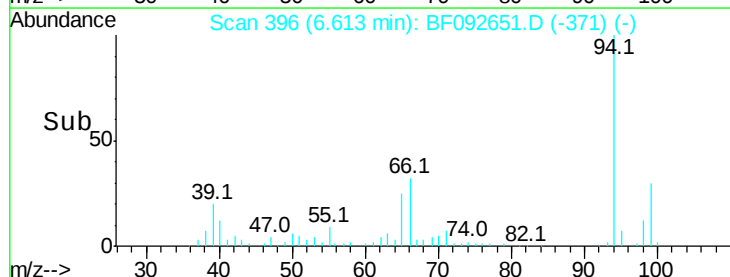
66 31.9 44.0 84.0#

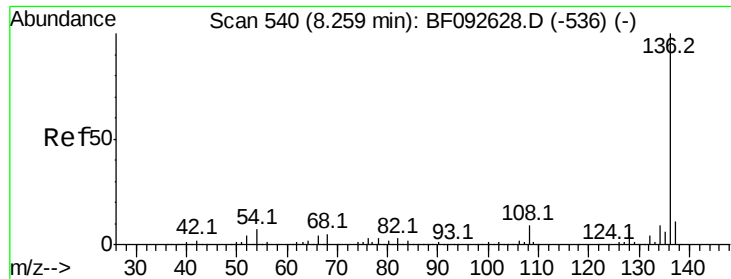


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

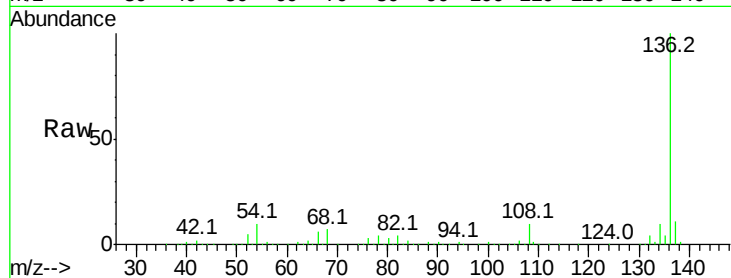




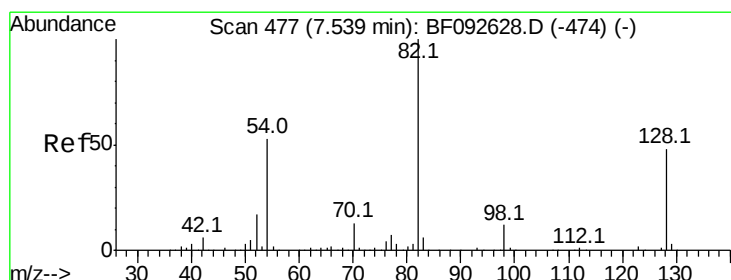
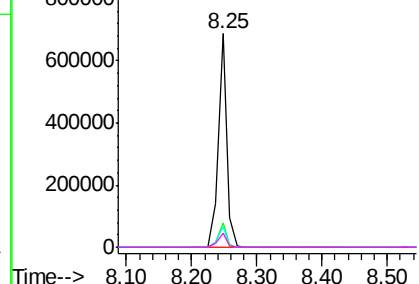
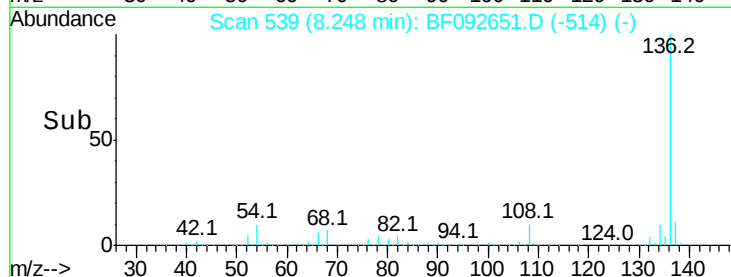
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092651.D
Acq: 30 Jan 2017 23:22

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4B

Tot Ion:136	Resp: 644225
Ion Ratio	Lower Upper
136 100	
137 11.2	8.4 12.6
54 9.7	4.5 6.7#
68 6.7	3.6 5.4#

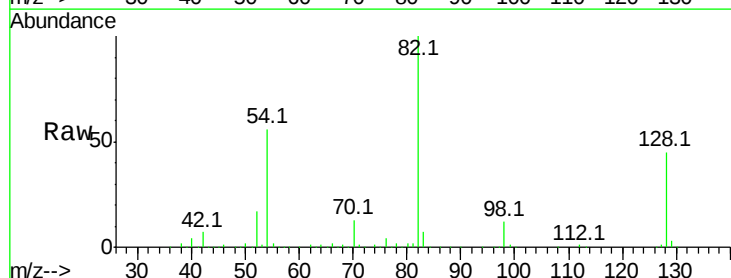


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

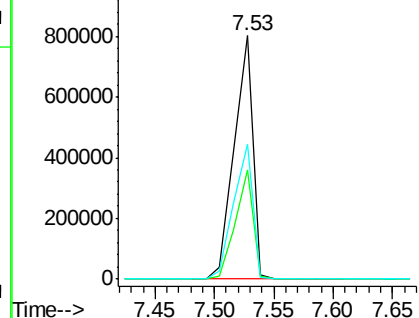
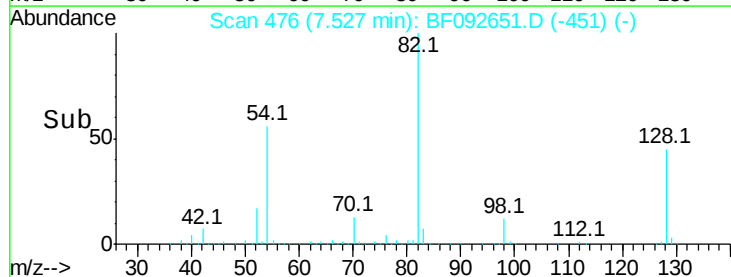


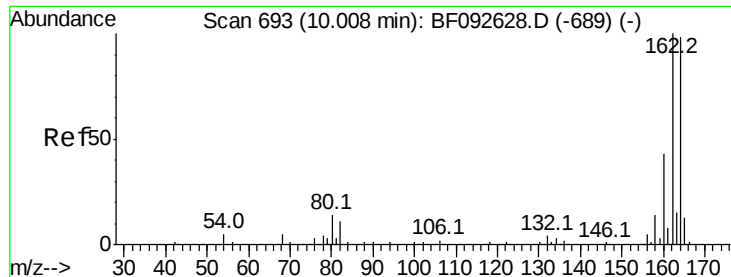
#23
Nitrobenzene-d5
Concen: 75.81 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092651.D
Acq: 30 Jan 2017 23:22

Tgt Ion: 82	Resp: 877008
Ion Ratio	Lower Upper
82 100	
128 44.7	34.6 52.0
54 55.6	39.5 59.3



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

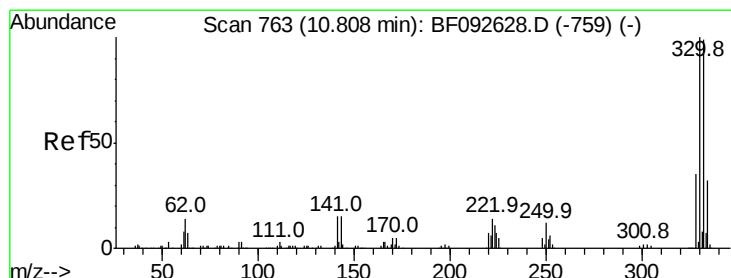
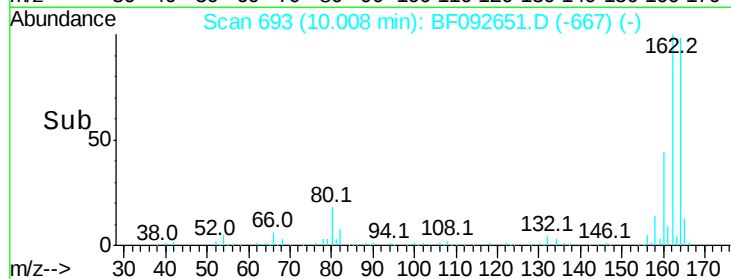
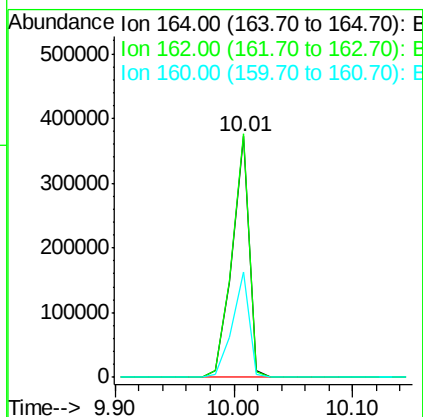
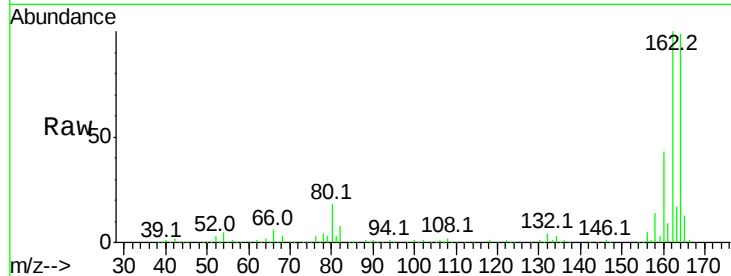




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF092651.D
 Acq: 30 Jan 2017 23:22

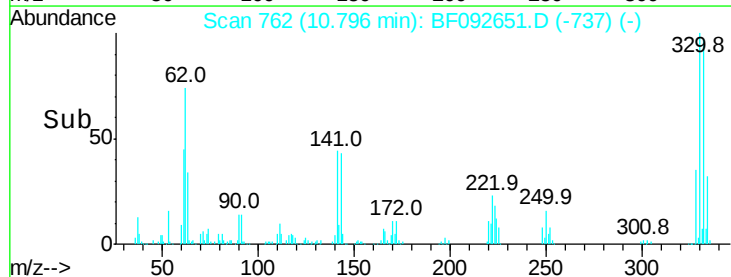
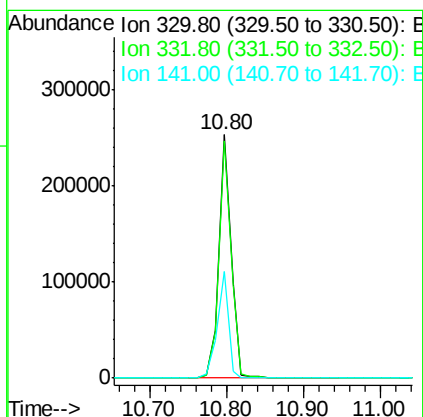
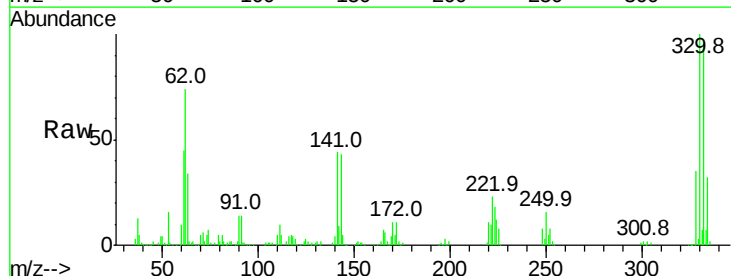
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1B-A2B-A3B-A4B

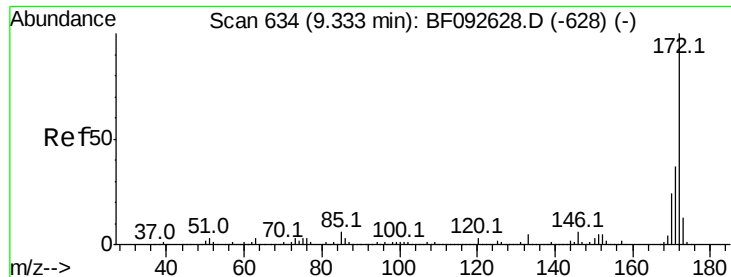
Tot Ion:164 Resp: 371684
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.2 120.2
 160 44.0 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 105.68 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092651.D
 Acq: 30 Jan 2017 23:22

Tgt Ion:330 Resp: 284095
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 39.7 34.1 51.1

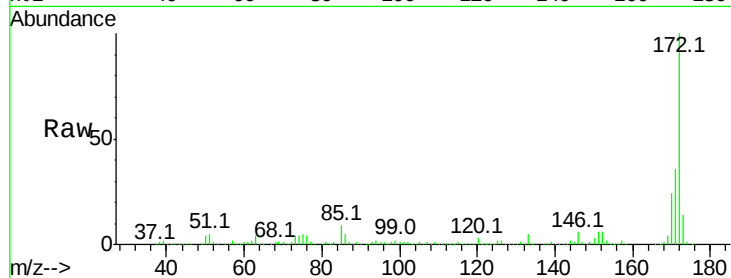




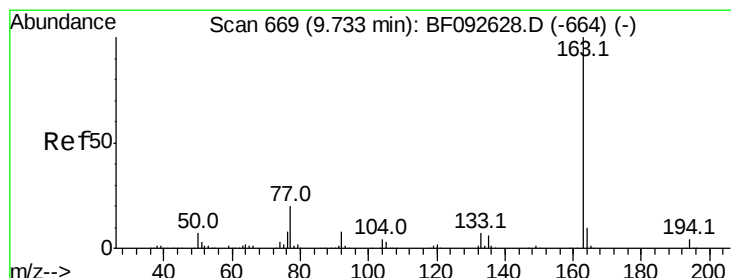
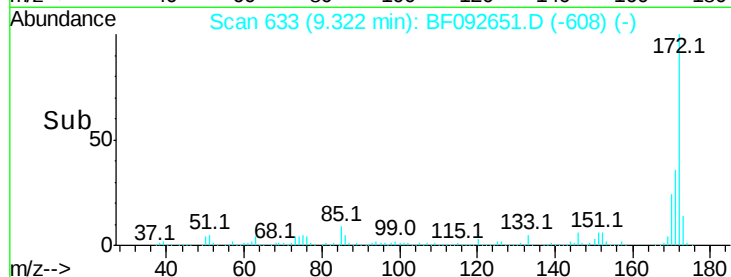
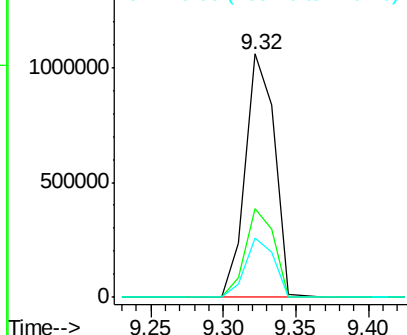
#44
2-Fluorobiphenyl
Concen: 72.11 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF092651.D
Acq: 30 Jan 2017 23:22

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4B

Tot Ion:172 Resp: 1479403
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.2 20.2 30.4

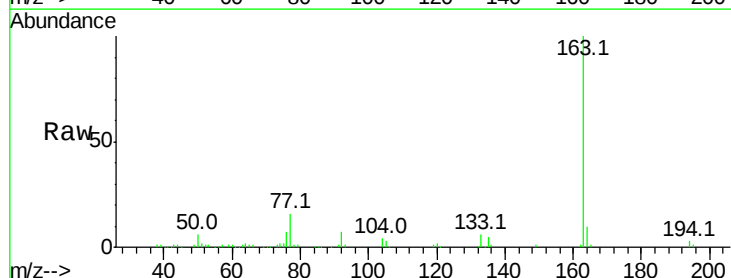


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

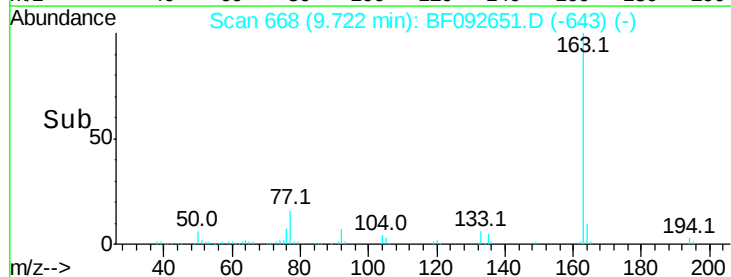
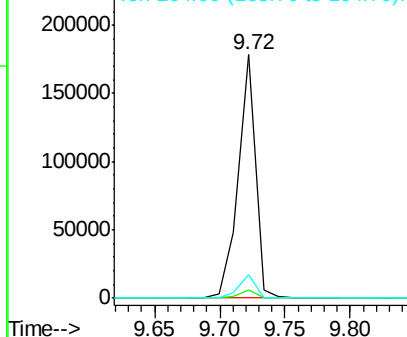


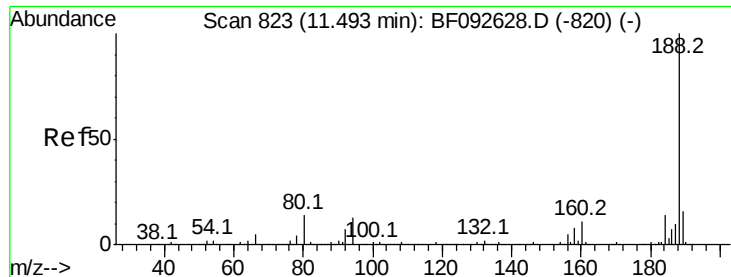
#49
Dimethylphthalate
Concen: 6.50 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092651.D
Acq: 30 Jan 2017 23:22

Tgt Ion:163 Resp: 162694
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.8 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

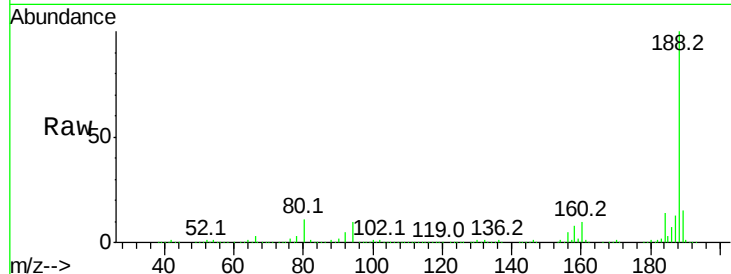




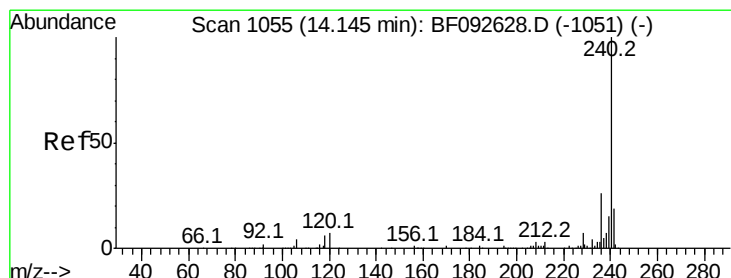
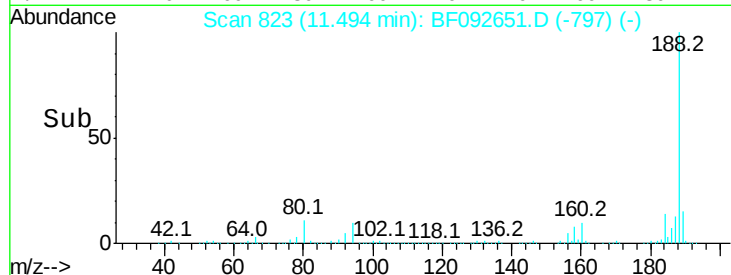
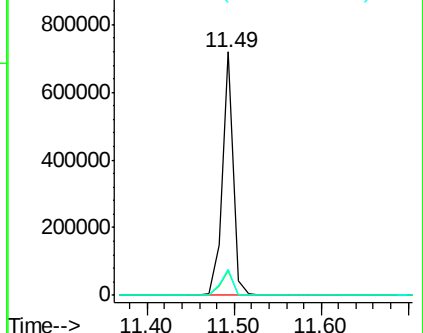
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092651.D
Acq: 30 Jan 2017 23:22

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1B-A2B-A3B-A4B

Tot Ion:188 Resp: 634570
Ion Ratio Lower Upper
188 100
94 10.3 10.0 15.0
80 10.9 11.2 16.8#

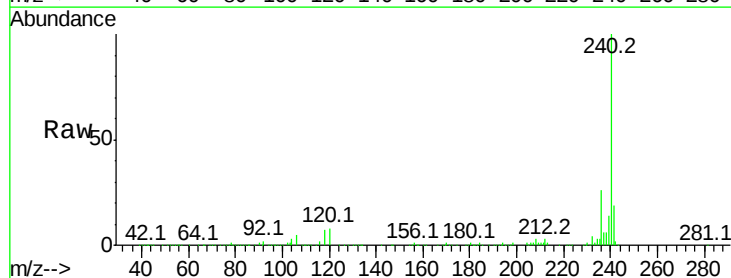


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

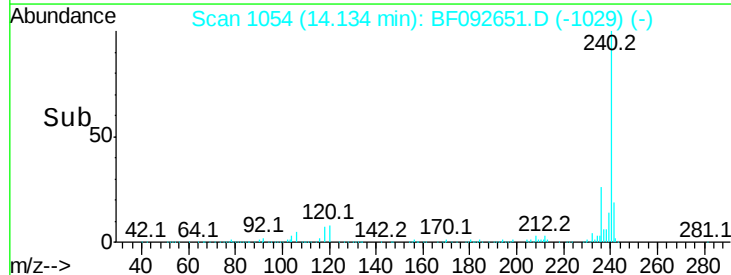
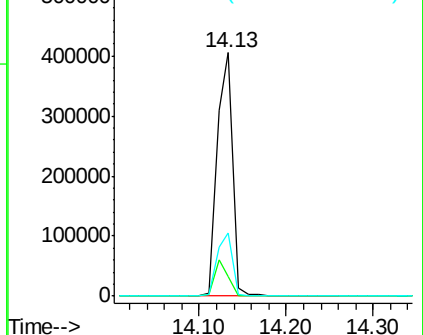


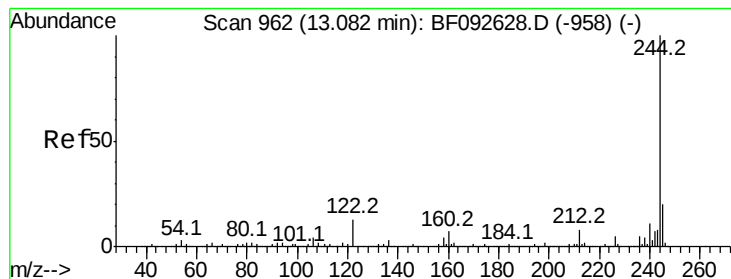
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092651.D
Acq: 30 Jan 2017 23:22

Tgt Ion:240 Resp: 511781
Ion Ratio Lower Upper
240 100
120 7.8 12.9 19.3#
236 26.0 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: 64.92 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF092651.D

Acq: 30 Jan 2017 23:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1B-A2B-A3B-A4B

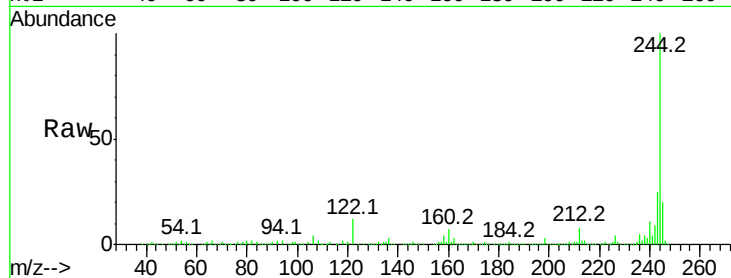
Tot Ion:244 Resp: 1413968

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

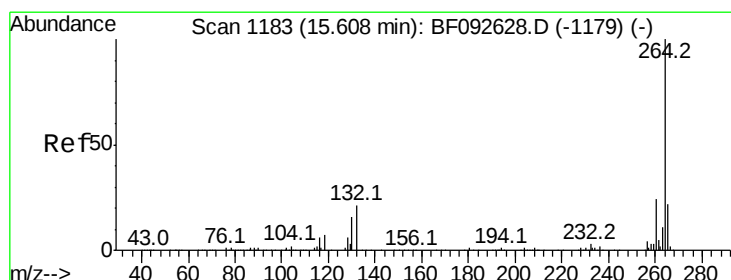
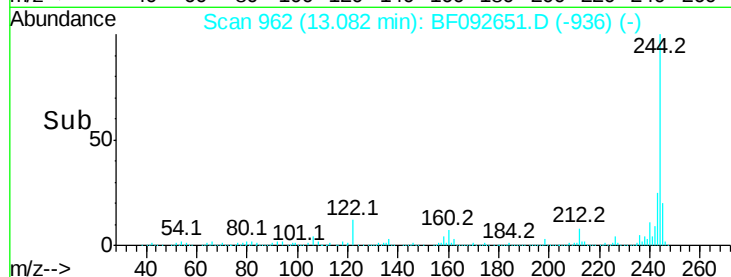
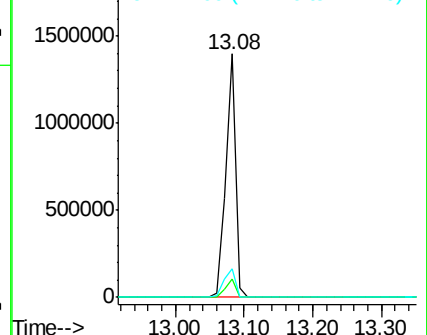
122 11.5 11.4 17.2



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: 15.60 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF092651.D

Acq: 30 Jan 2017 23:22

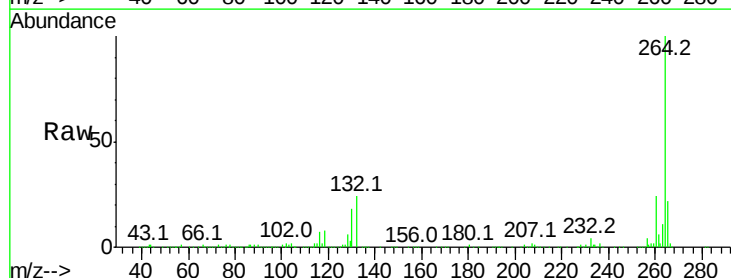
Tgt Ion:264 Resp: 368615

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.9 17.4 26.0



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

