

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092234.D
 Acq On : 13 Jan 2017 4:46
 Operator : UM/SJ
 Sample : I1131-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-003

Quant Time: Jan 13 07:09:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

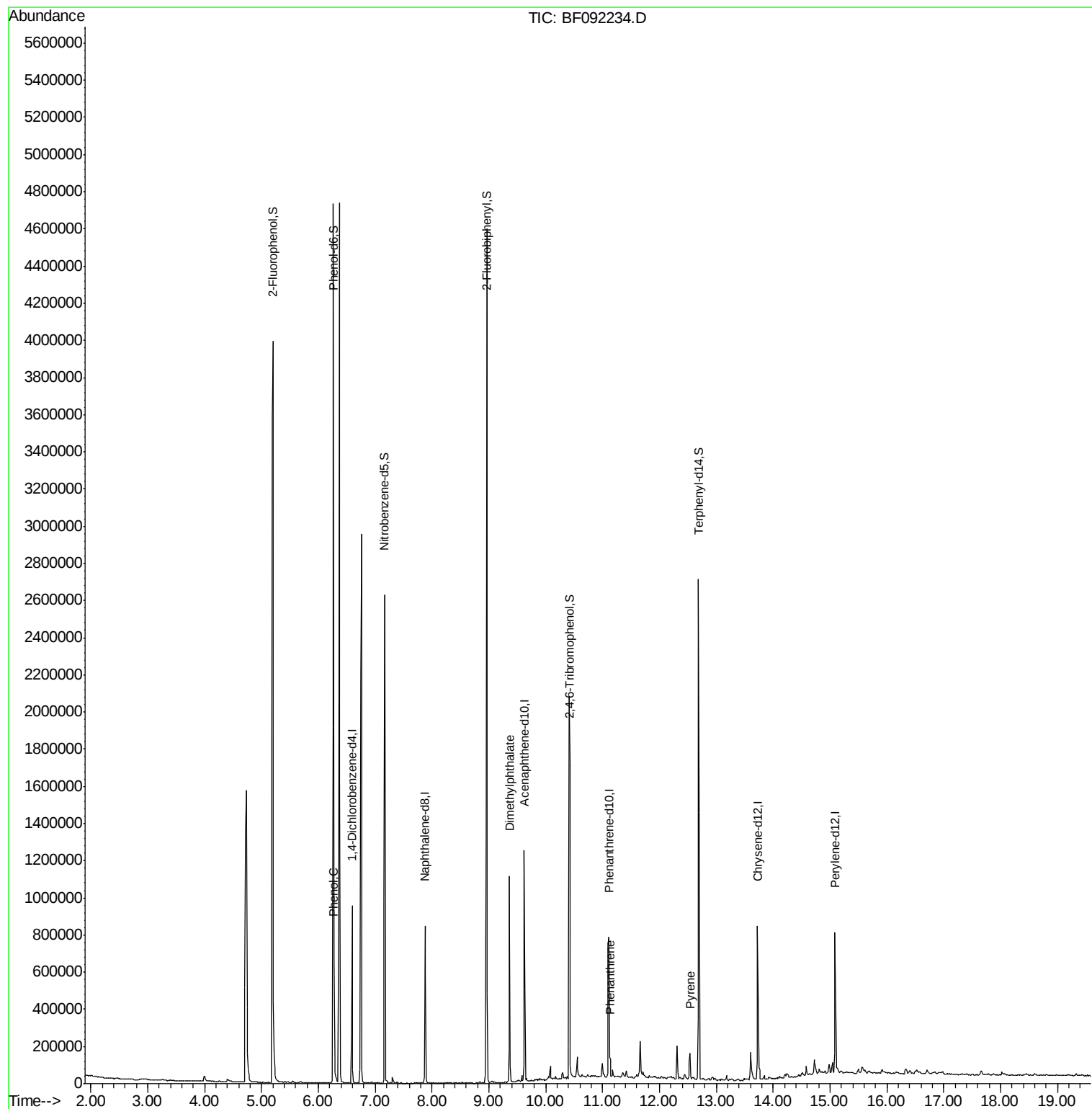
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	149011	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	519465	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	301228	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	409930	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	318525	20.00	ng	-0.06
86) Perylene-d12	15.09	264	331854	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1713922	192.05	ng	-0.03
7) Phenol-d6	6.26	99	1794513	164.70	ng	-0.05
23) Nitrobenzene-d5	7.17	82	947796	101.46	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	370916	148.79	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1489646	104.25	ng	-0.05
78) Terphenyl-d14	12.69	244	1043228	79.43	ng	-0.06
Target Compounds						
10) Phenol	6.28	94	36177	2.91	ng	Qvalue 82
49) Dimethylphthalate	9.36	163	432287	22.44	ng	99
70) Phenanthrene	11.13	178	55256	2.49	ng	96
77) Pyrene	12.54	202	61264	2.62	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: 6.60 min Scan# 412

Delta R.T. -0.05 min

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SW-003

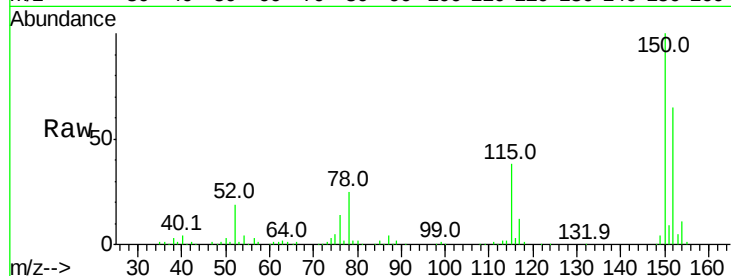
Tot Ion:152 Resp: 149011

Ion Ratio Lower Upper

152 100

150 153.9 124.9 187.3

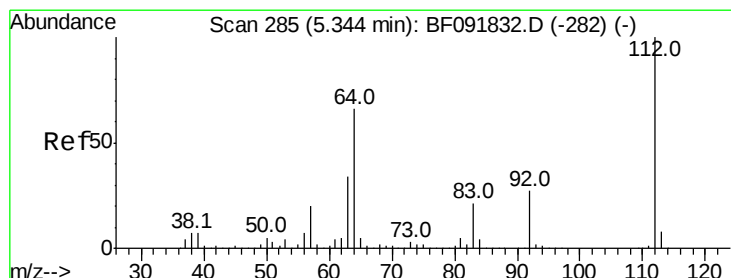
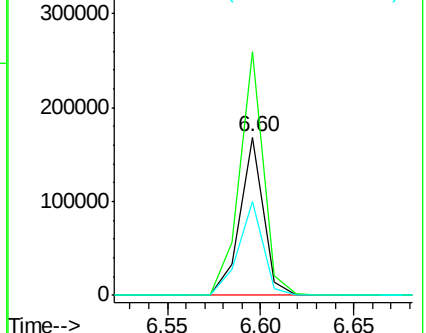
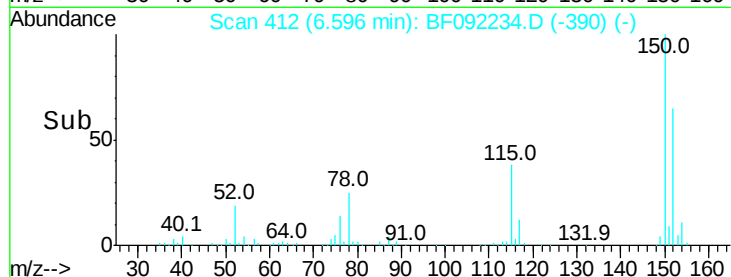
115 59.1 46.0 69.0



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: 192.05 ng

RT: 5.20 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF092234.D

Acq: 13 Jan 2017 4:46

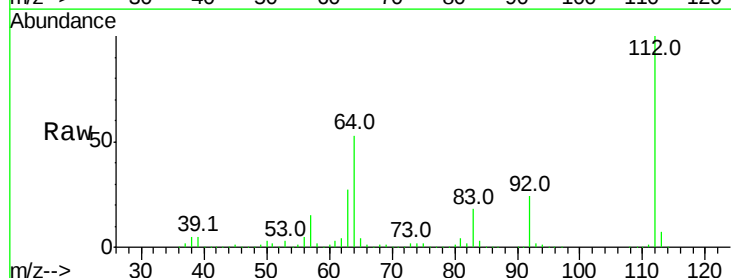
Tgt Ion:112 Resp: 1713922

Ion Ratio Lower Upper

112 100

64 53.2 46.1 69.1

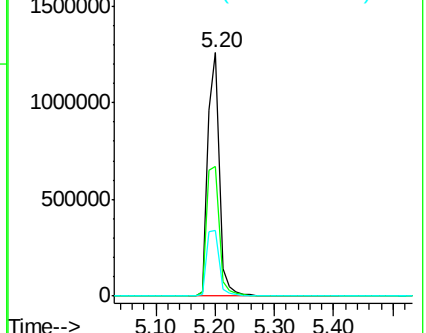
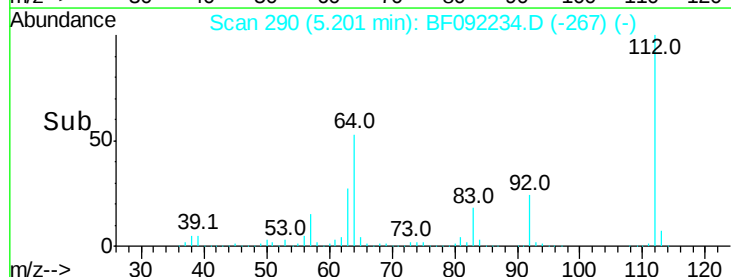
63 27.2 23.8 35.6



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: 164.70 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092234.D

Acq: 13 Jan 2017 4:46

Instrument :

BNA_F

ClientSampleId :

SW-003

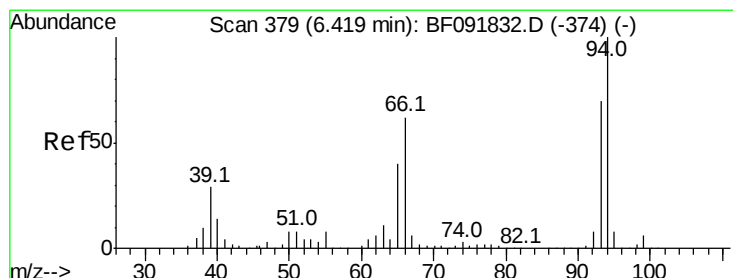
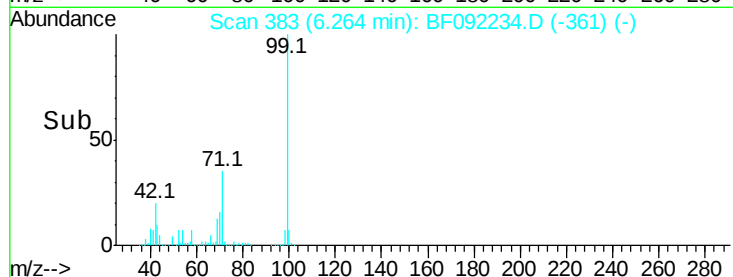
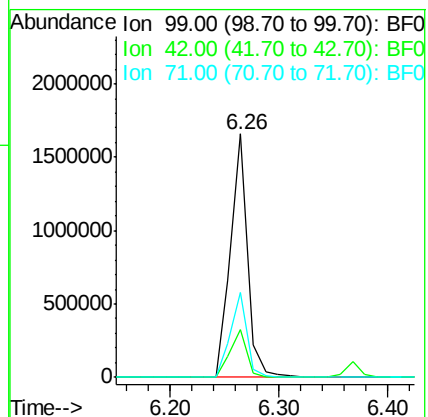
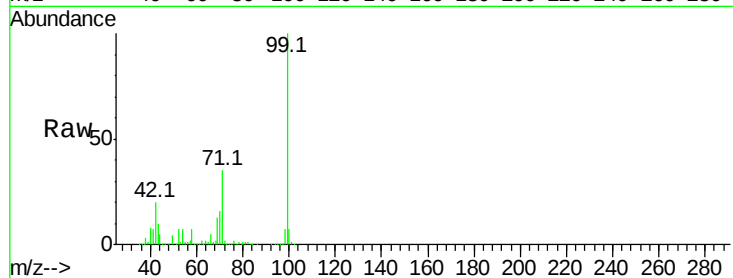
Tot Ion: 99 Resp: 1794513

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

71 34.6 27.5 41.3



#10

Phenol

Concen: 2.91 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092234.D

Acq: 13 Jan 2017 4:46

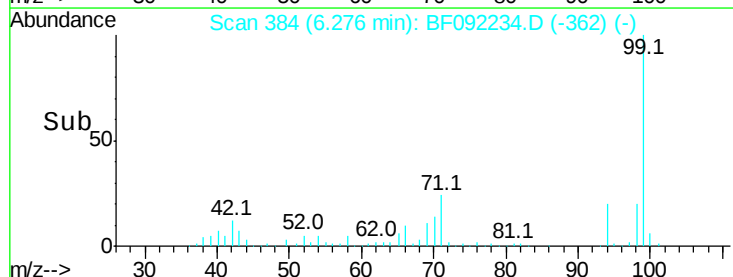
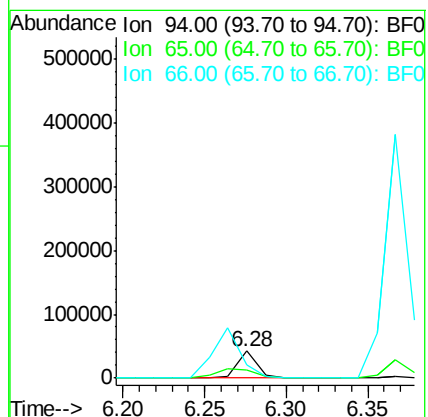
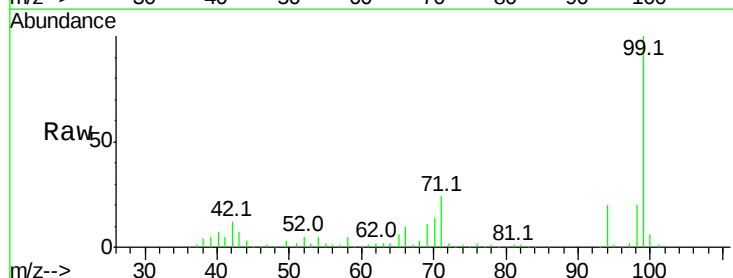
Tgt Ion: 94 Resp: 36177

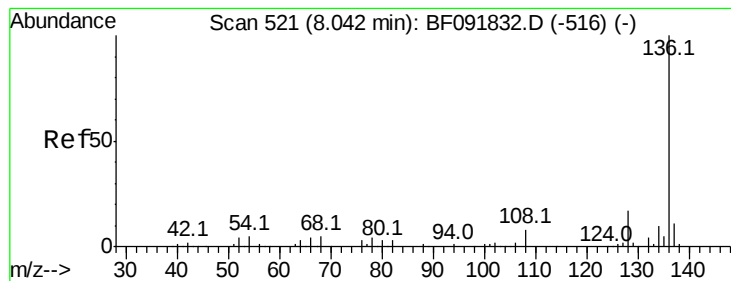
Ion Ratio Lower Upper

94 100

65 30.2 21.4 61.4

66 50.5 44.0 84.0

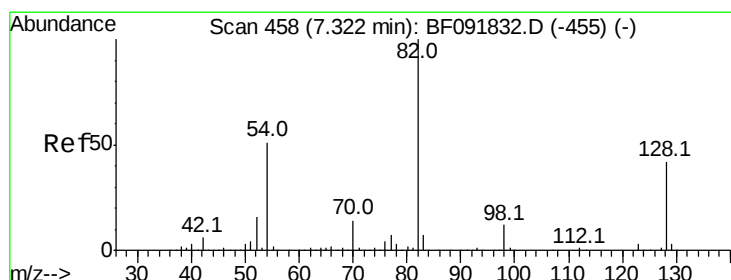
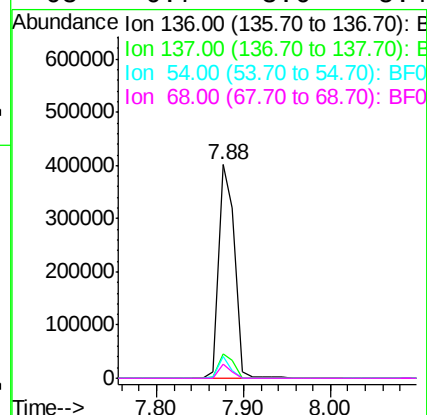
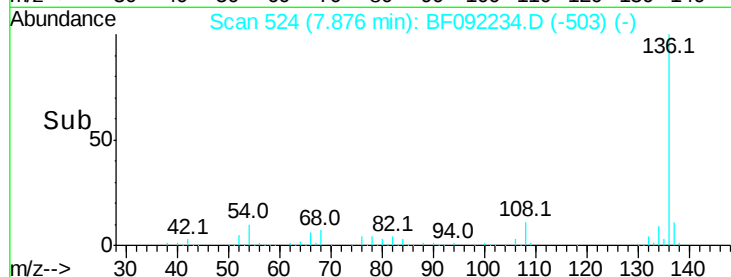
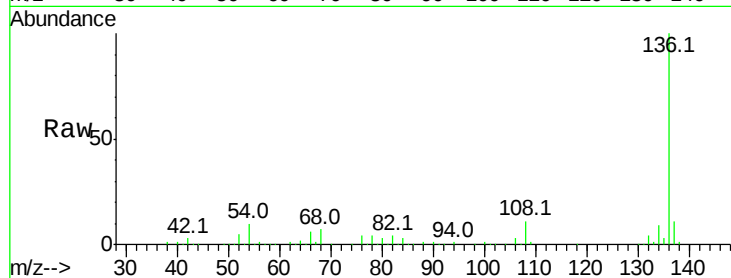




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092234.D
Acq: 13 Jan 2017 4:46

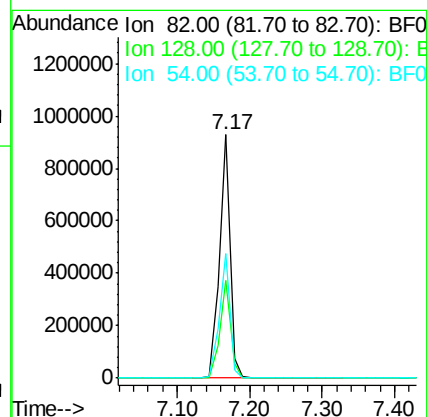
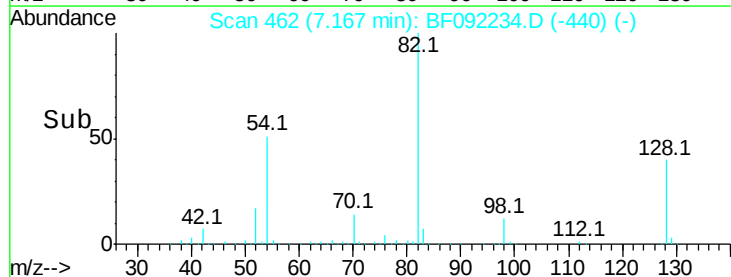
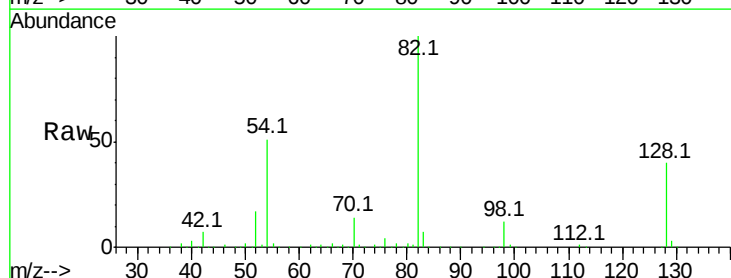
Instrument :
BNA_F
ClientSampleId :
SW-003

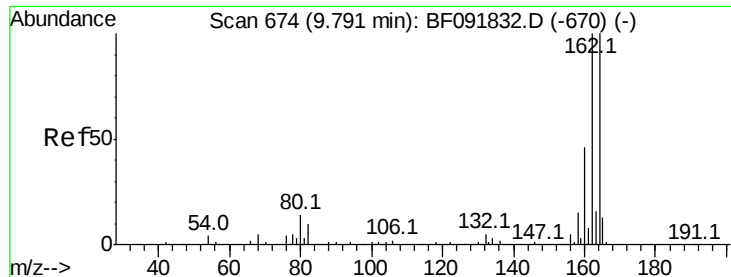
Tot Ion:	136	Resp:	519465
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	10.0	4.5	6.7#
68	6.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 101.46 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092234.D
Acq: 13 Jan 2017 4:46

Tgt Ion:	82	Resp:	947796
Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.6	52.0
54	51.2	39.5	59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF092234.D

Acq: 13 Jan 2017 4:46

Instrument :

BNA_F

ClientSampleId :

SW-003

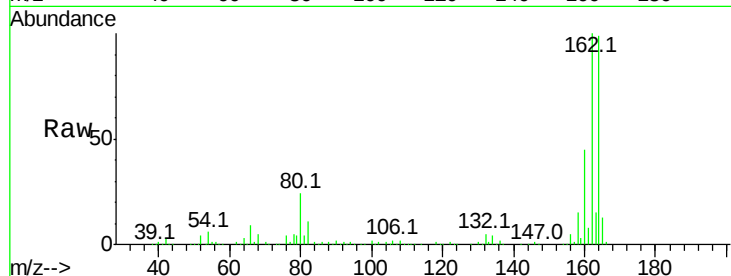
Tot Ion:164 Resp: 301228

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

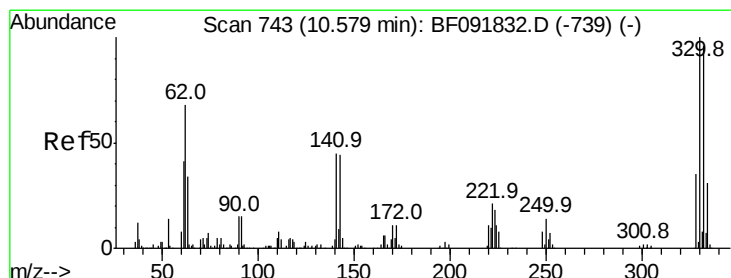
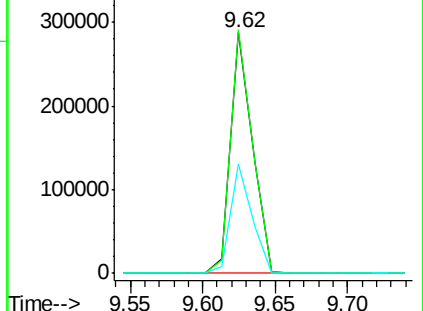
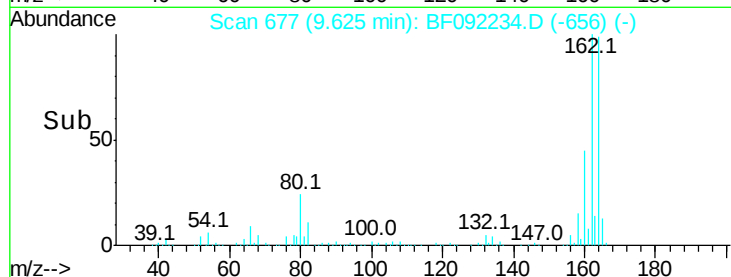
160 45.1 36.9 55.3



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: 148.79 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.05 min

Lab File: BF092234.D

Acq: 13 Jan 2017 4:46

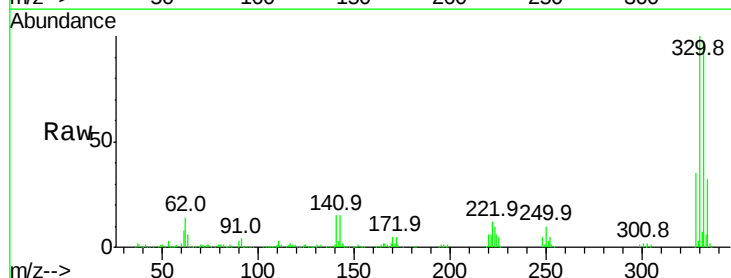
Tgt Ion:330 Resp: 370916

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

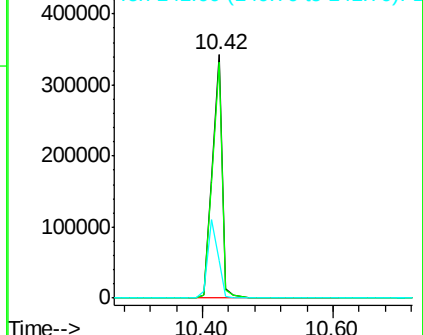
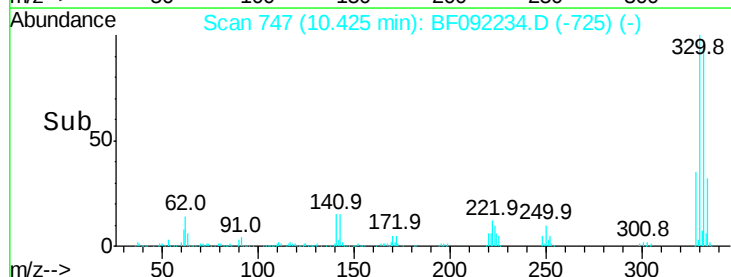
141 33.0 34.1 51.1#



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

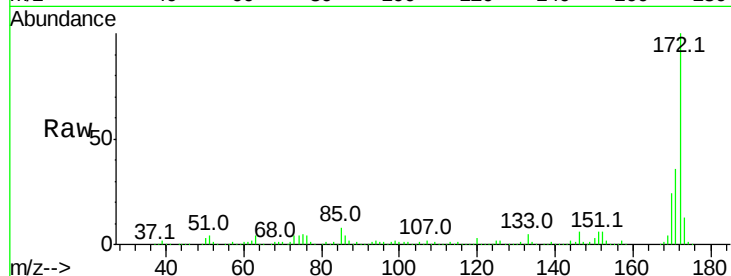




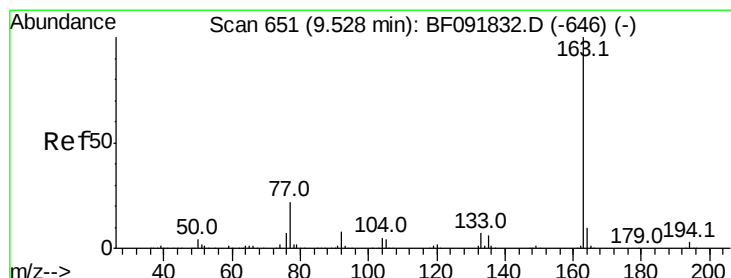
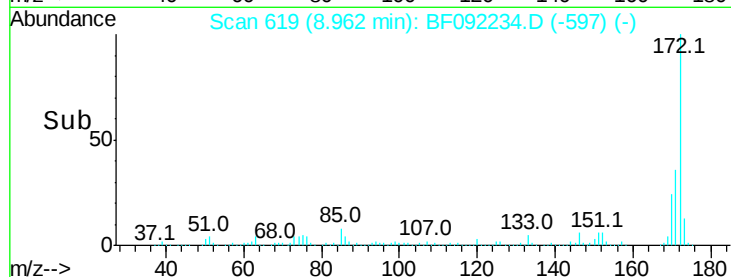
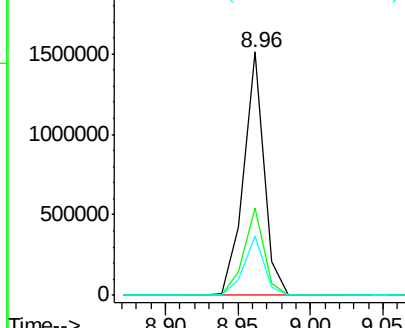
#44
2-Fluorobiphenyl
Concen: 104.25 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092234.D
Acq: 13 Jan 2017 4:46

Instrument :
BNA_F
ClientSampleId :
SW-003

Tot Ion:172 Resp: 1489646
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 24.2 20.2 30.4

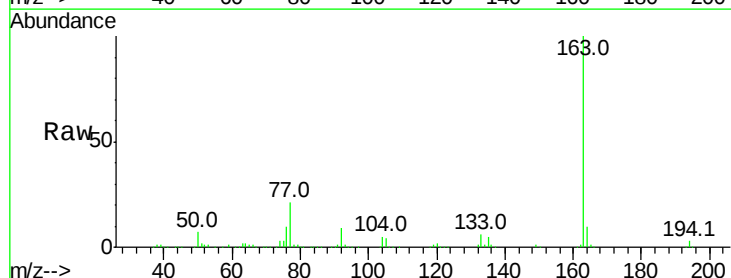


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

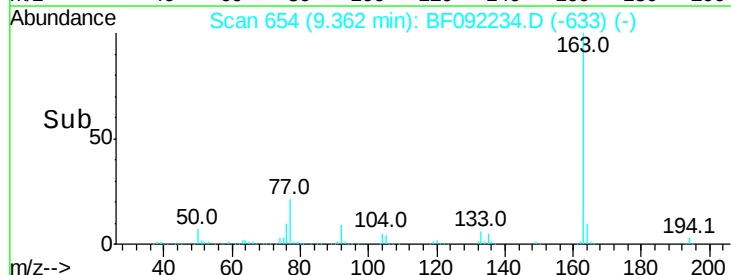
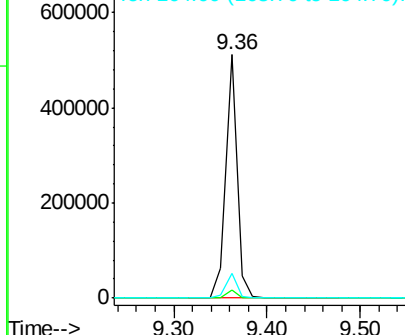


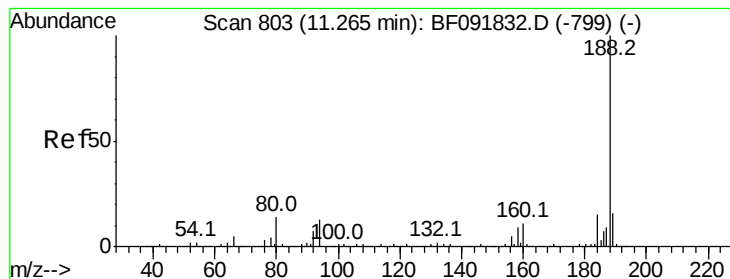
#49
Dimethylphthalate
Concen: 22.44 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092234.D
Acq: 13 Jan 2017 4:46

Tgt Ion:163 Resp: 432287
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.2 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: 11.11 min Scan# 807

Delta R.T. -0.05 min

Lab File: BF092234.D

Acq: 13 Jan 2017 4:46

Instrument :

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ClientSampleId :

SW-003

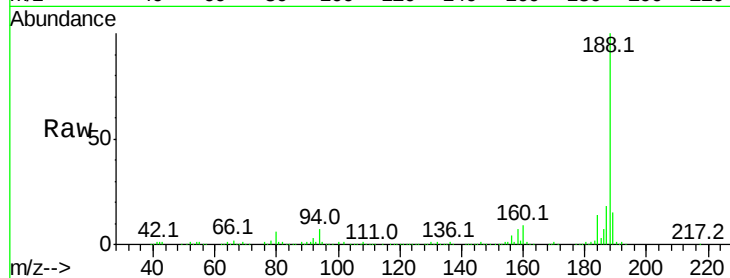
Tot Ion:188 Resp: 409930

Ion Ratio Lower Upper

188 100

94 6.5 10.0 15.0#

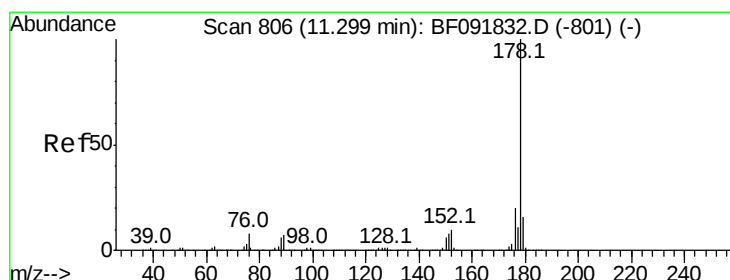
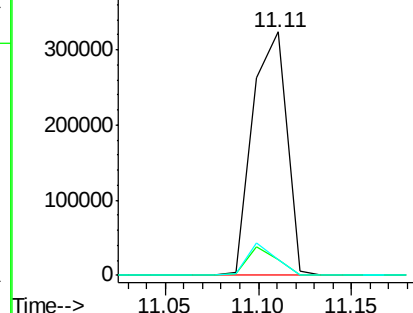
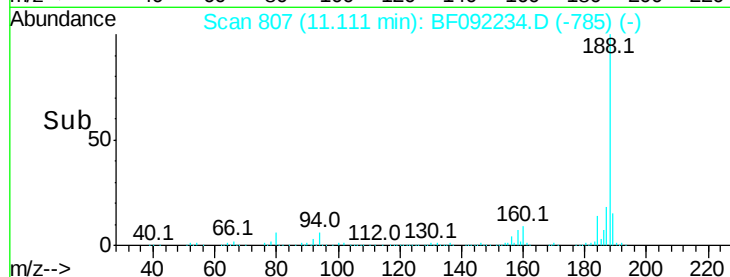
80 6.3 11.2 16.8#



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



#70

Phenanthrene

Concen: 2.49 ng

RT: 11.13 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF092234.D

Acq: 13 Jan 2017 4:46

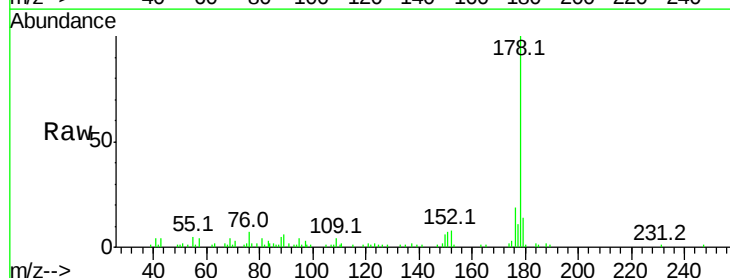
Tgt Ion:178 Resp: 55256

Ion Ratio Lower Upper

178 100

176 18.8 16.6 25.0

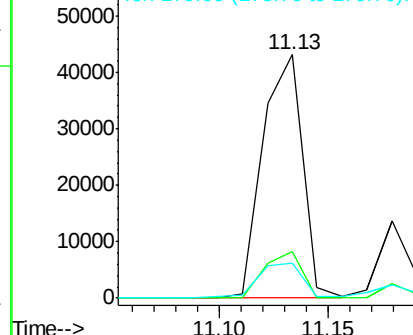
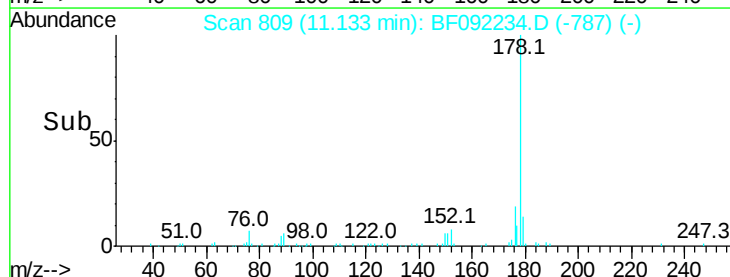
179 14.4 12.8 19.2

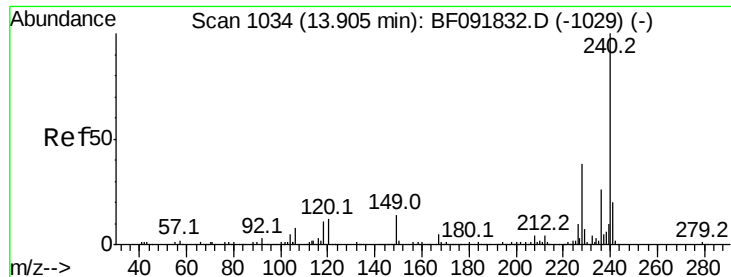


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1036

Delta R.T. -0.06 min

Lab File: BF092234.D

Acq: 13 Jan 2017 4:46

Instrument :

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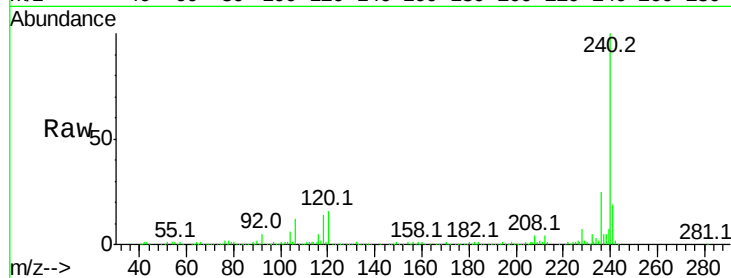
Tot Ion:240 Resp: 318525

Ion Ratio Lower Upper

240 100

120 15.9 12.9 19.3

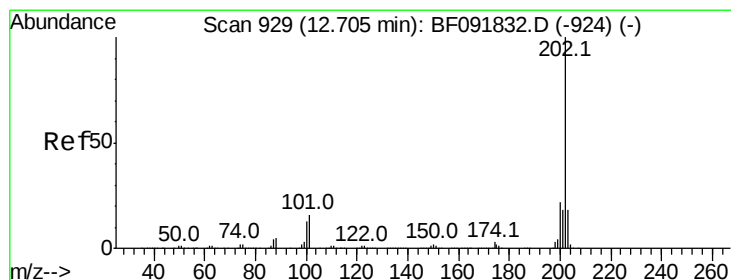
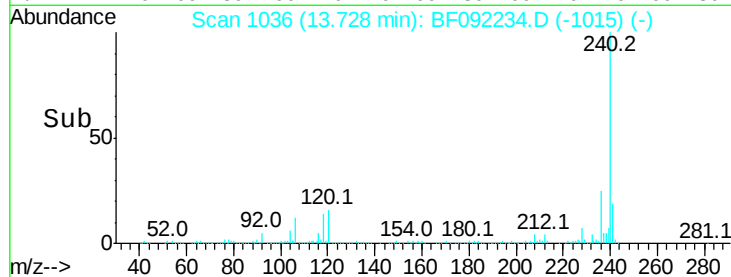
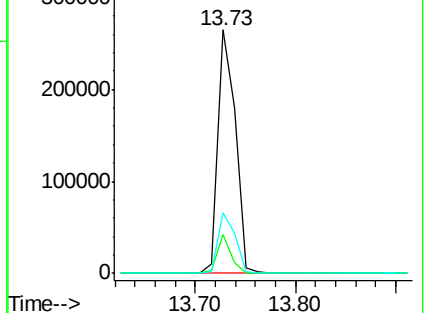
236 25.1 20.9 31.3



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



#77

Pyrene

Concen: 2.62 ng

RT: 12.54 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF092234.D

Acq: 13 Jan 2017 4:46

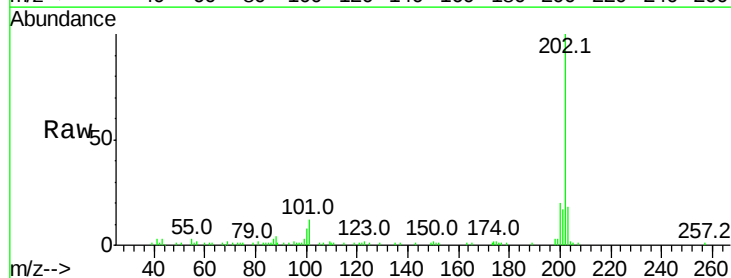
Tgt Ion:202 Resp: 61264

Ion Ratio Lower Upper

202 100

200 19.8 17.7 26.5

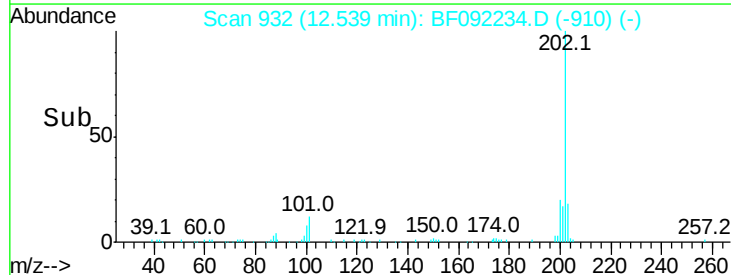
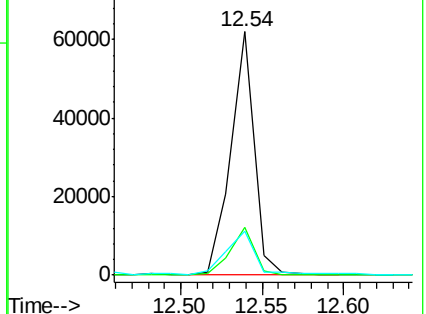
203 18.0 14.7 22.1

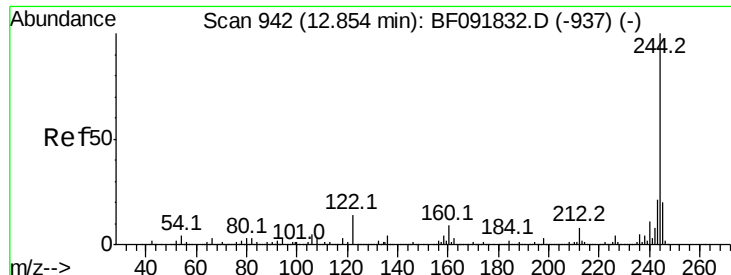


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.43 ng

RT: 12.69 min Scan# 945

Delta R.T. -0.06 min

Lab File: BF092234.D

Acq: 13 Jan 2017 4:46

Instrument :

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ClientSampleId :

SW-003

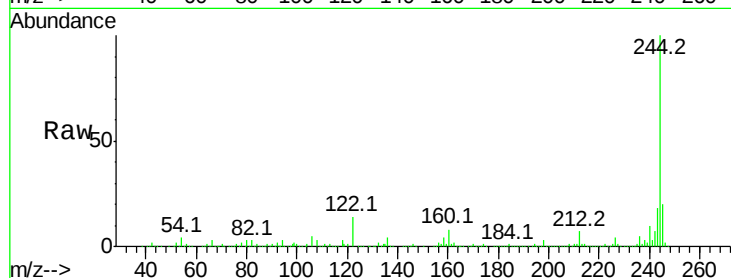
Tot Ion:244 Resp: 1043228

Ion Ratio Lower Upper

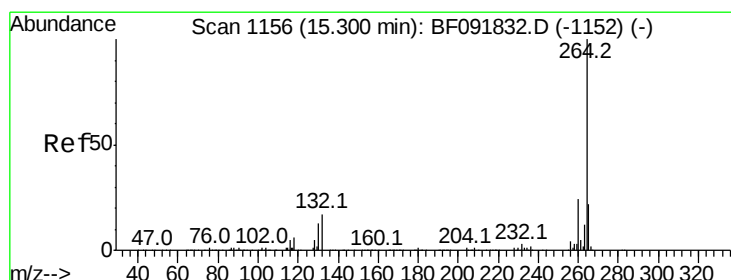
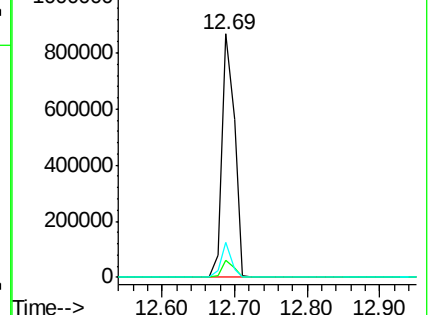
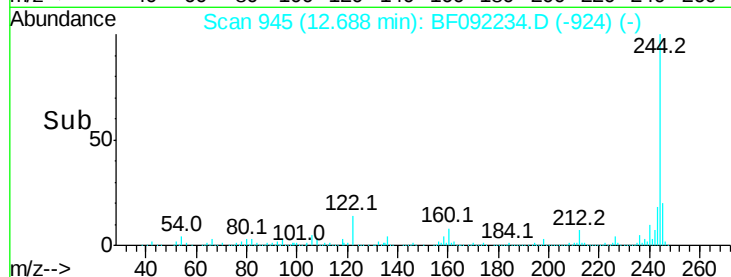
244 100

212 7.2 6.2 9.2

122 14.5 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: 15.09 min Scan# 1155

Delta R.T. -0.06 min

Lab File: BF092234.D

Acq: 13 Jan 2017 4:46

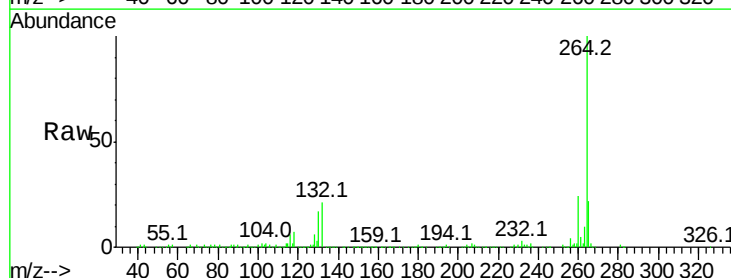
Tgt Ion:264 Resp: 331854

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.0 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

