

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092729.D
 Acq On : 2 Feb 2017 3:59
 Operator : SJ/MA
 Sample : I1615-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-5

Quant Time: Feb 02 05:38:02 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

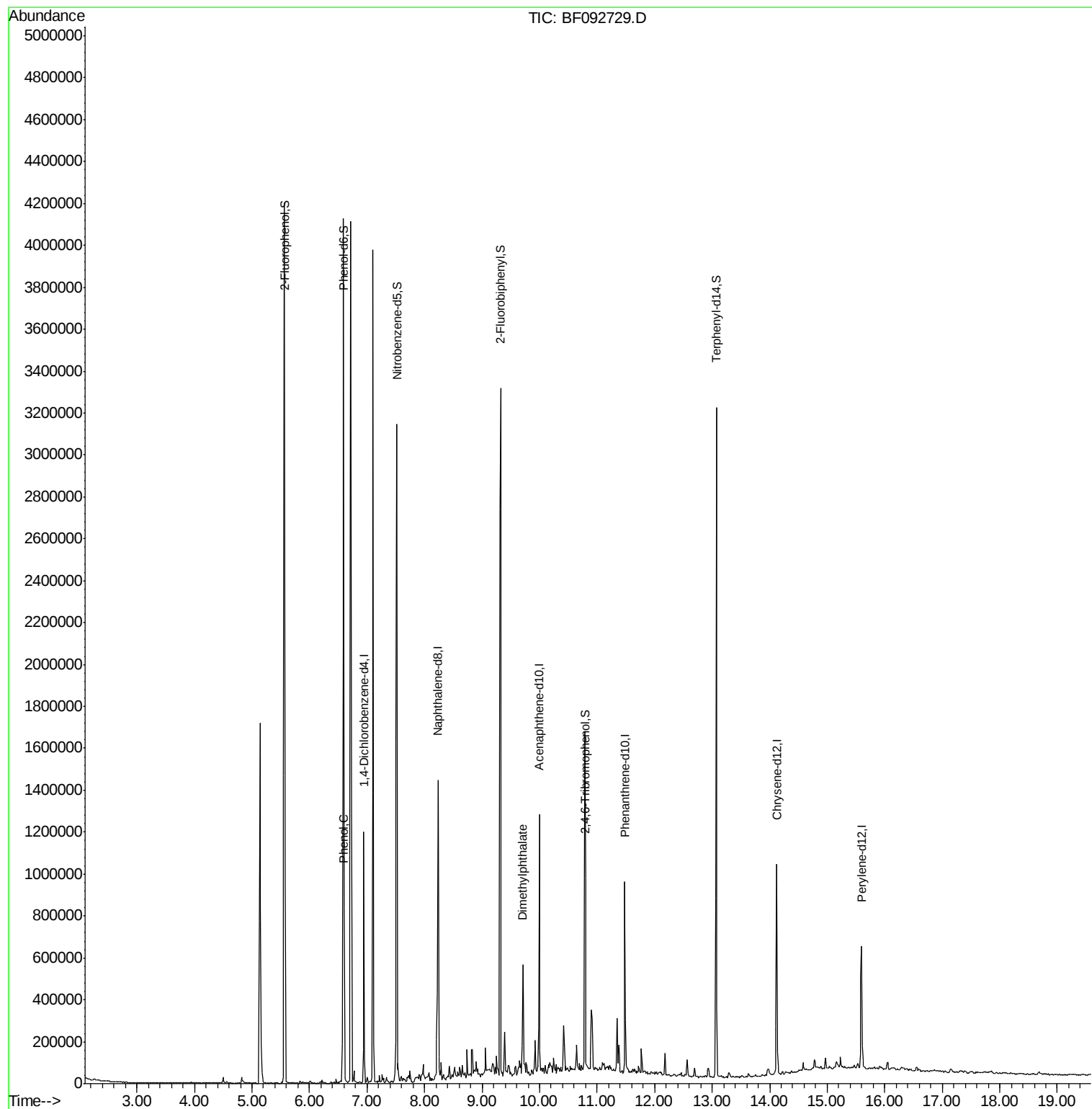
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	160160	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	617905	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	251125	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	329104	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	328795	20.00	ng	-0.02
86) Perylene-d12	15.60	264	287657	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1284432	137.59	ng	-0.01
7) Phenol-d6	6.59	99	1559716	129.85	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1157332	104.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	243158	133.88	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1555394	112.21	ng	-0.01
78) Terphenyl-d14	13.07	244	976155	69.76	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	155785	11.09	ng	Qvalue # 69
49) Dimethylphthalate	9.71	163	167829	9.92	ng	100

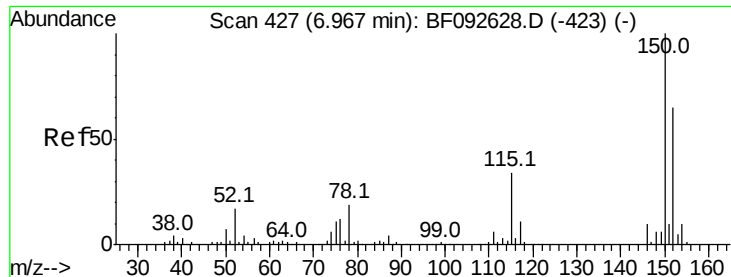
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 30 14:50:05 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SS-5

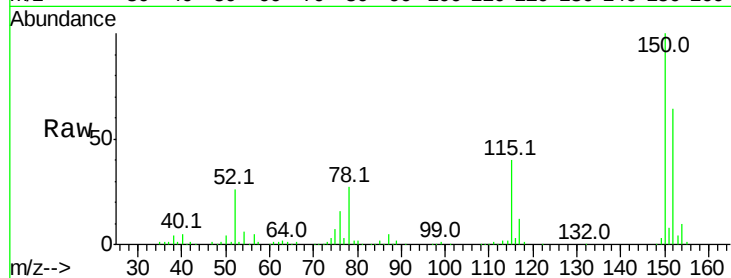
Tot Ion:152 Resp: 160160

Ion Ratio Lower Upper

152 100

150 155.2 124.9 187.3

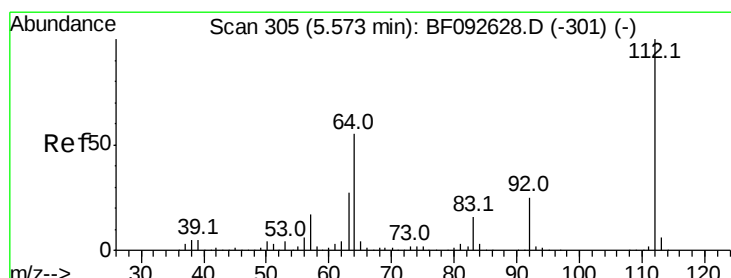
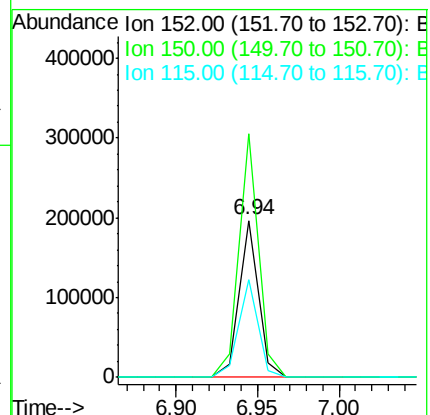
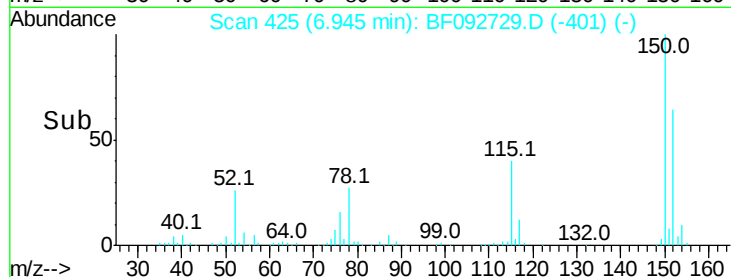
115 62.0 46.0 69.0



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: 137.59 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

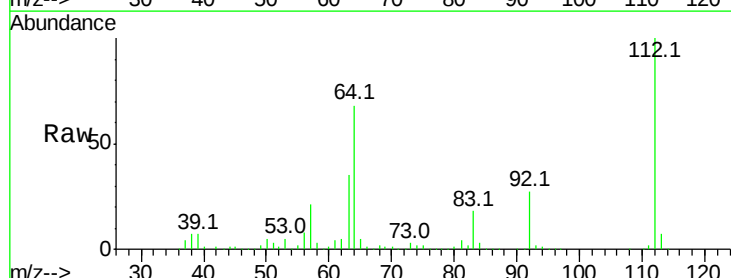
Tgt Ion:112 Resp: 1284432

Ion Ratio Lower Upper

112 100

64 67.9 46.1 69.1

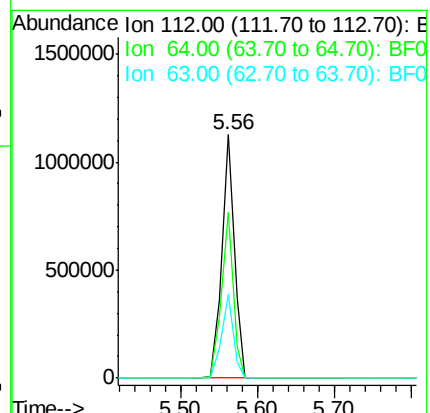
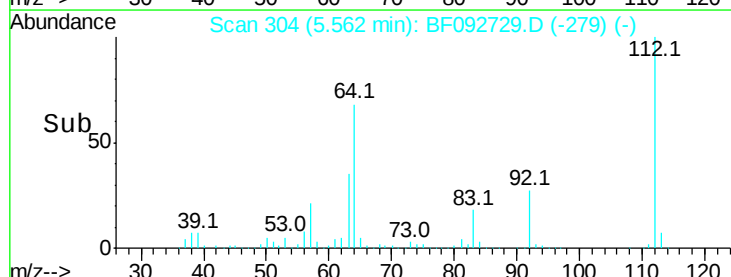
63 34.5 23.8 35.6

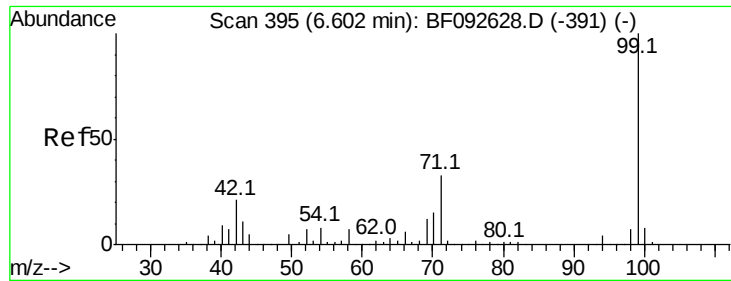


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.85 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

Instrument :

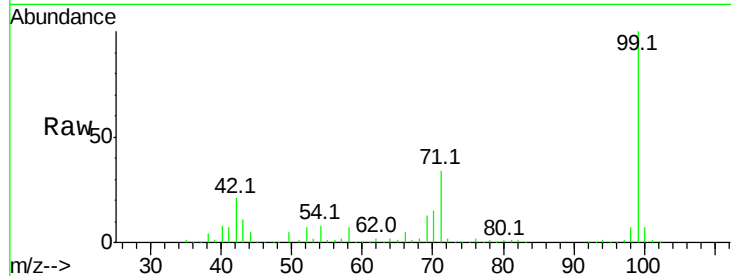
BNA_F

ClientSampleId :

SS-5

Tot Ion: 99 Resp: 1559716

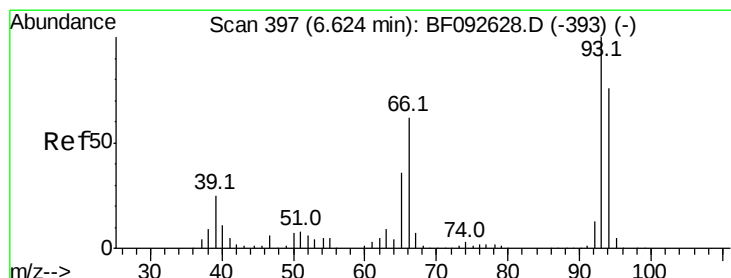
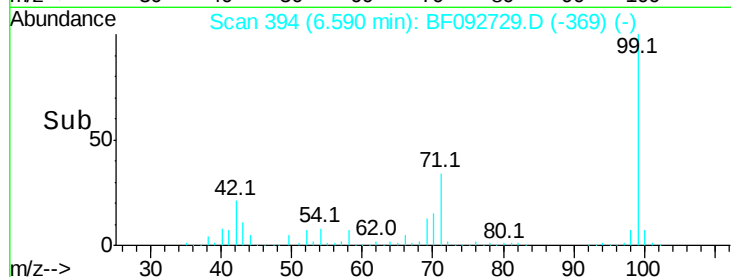
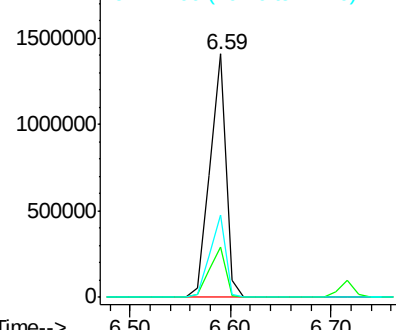
Ion	Ratio	Lower	Upper
99	100		
42	20.7	15.6	23.4
71	33.6	27.5	41.3



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: 11.09 ng

RT: 6.60 min Scan# 395

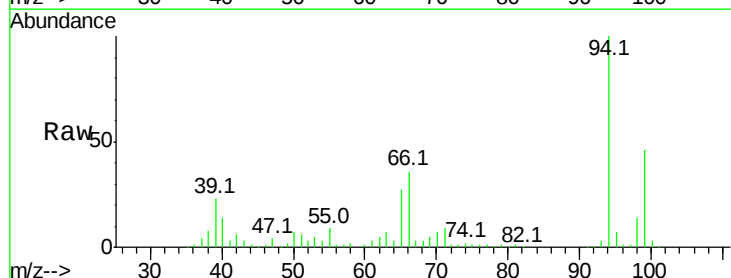
Delta R.T. -0.02 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

Tgt Ion: 94 Resp: 155785

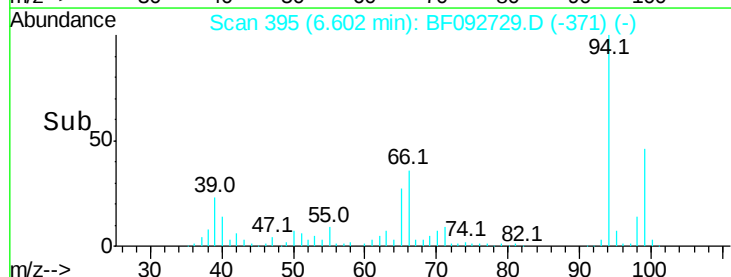
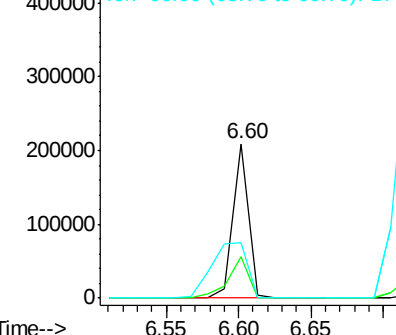
Ion	Ratio	Lower	Upper
94	100		
65	27.2	21.4	61.4
66	35.9	44.0	84.0#

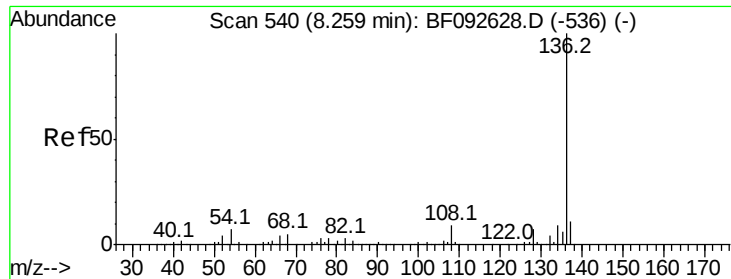


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

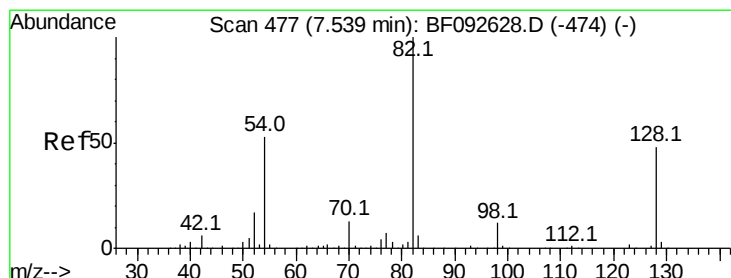
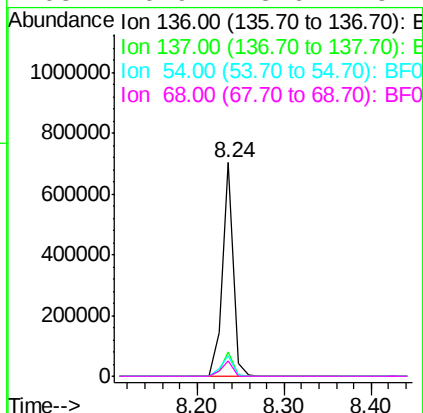
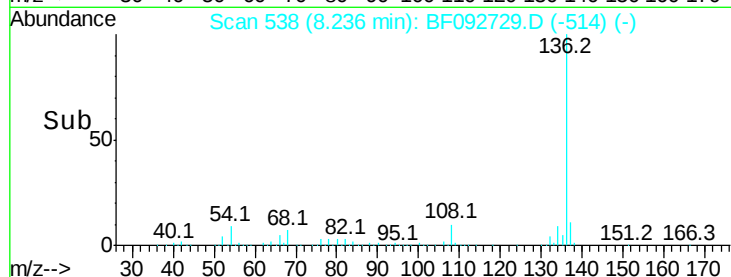
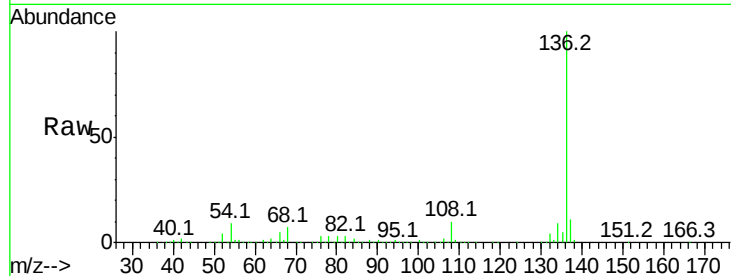




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092729.D
Acq: 2 Feb 2017 3:59

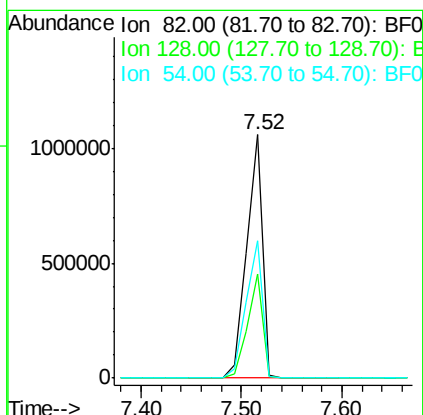
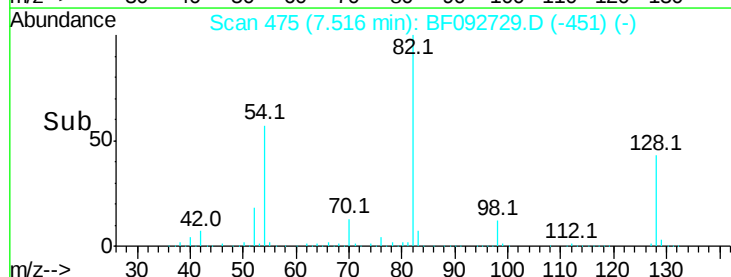
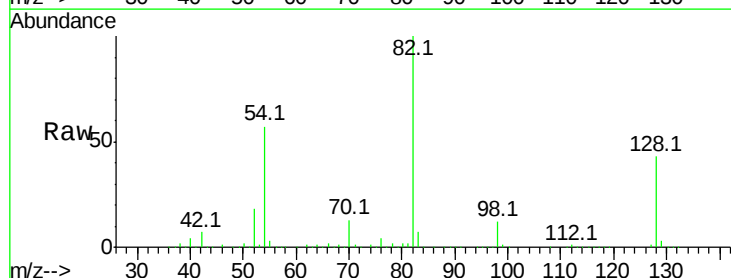
Instrument :
BNA_F
ClientSampled :
SS-5

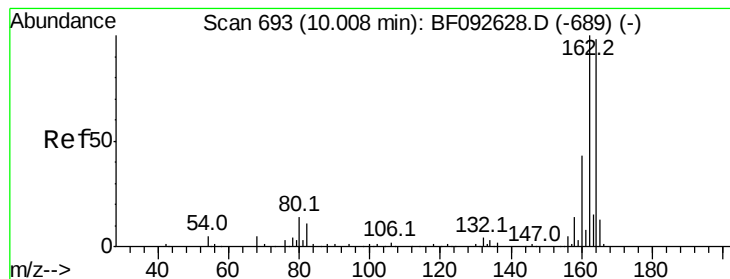
Tot Ion:	136	Resp:	617905
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.4	4.5	6.7#
68	6.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 104.30 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092729.D
Acq: 2 Feb 2017 3:59

Tgt Ion:	82	Resp:	1157332
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	56.6	39.5	59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SS-5

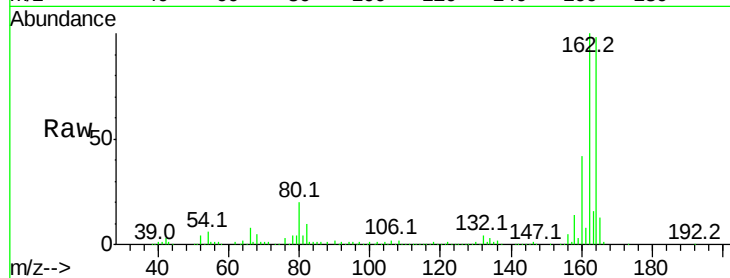
Tot Ion:164 Resp: 251125

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

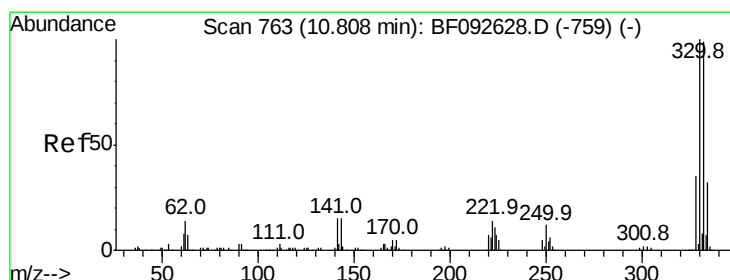
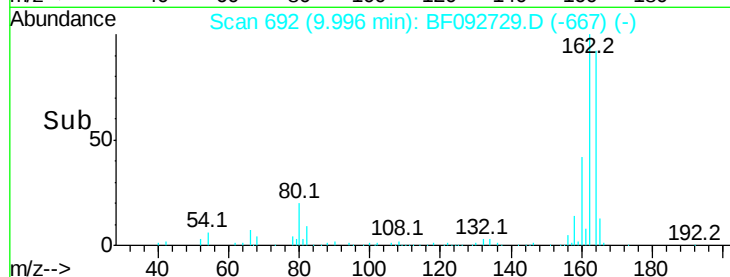
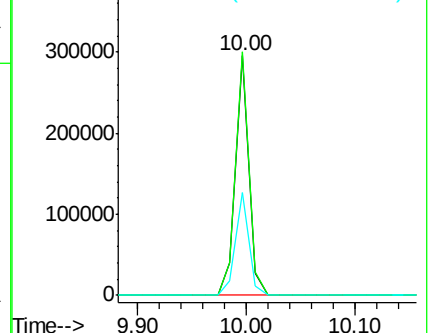
160 42.9 36.9 55.3



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: 133.88 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

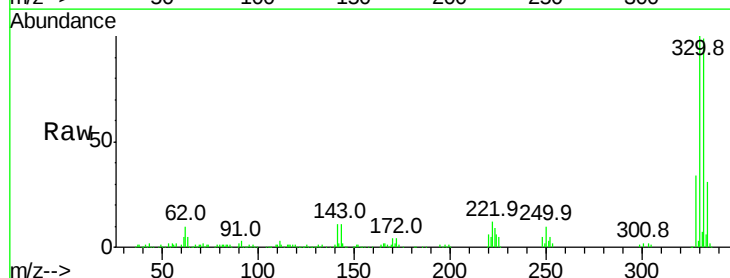
Tgt Ion:330 Resp: 243158

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

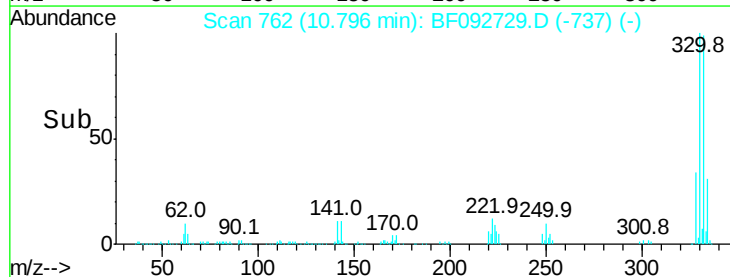
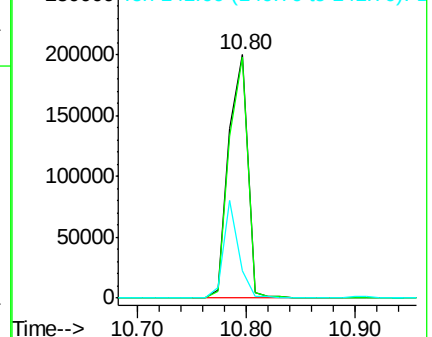
141 32.3 34.1 51.1#

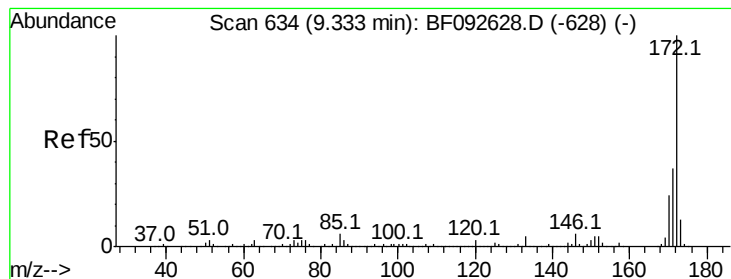


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 112.21 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SS-5

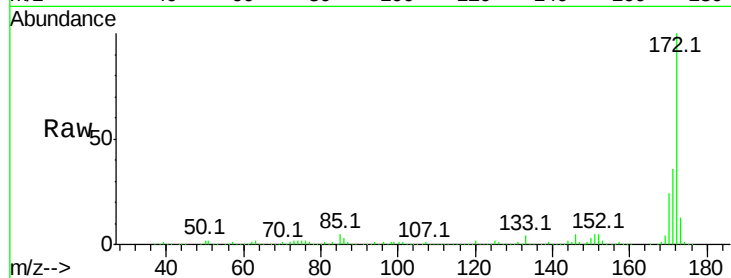
Tot Ion:172 Resp: 1555394

Ion Ratio Lower Upper

172 100

171 35.7 29.4 44.0

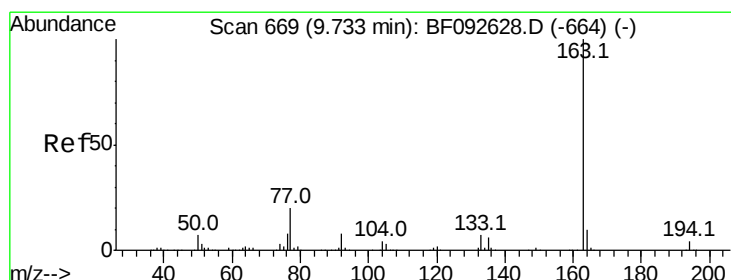
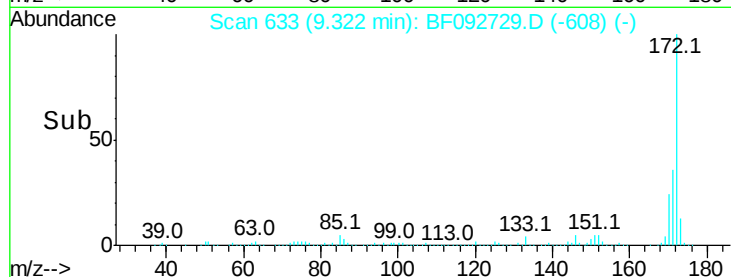
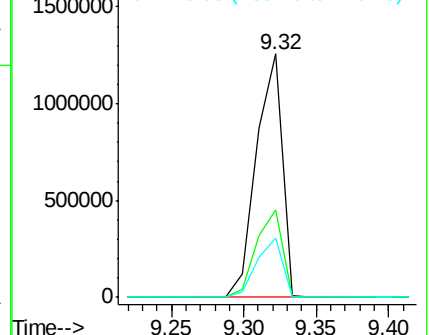
170 24.2 20.2 30.4



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: 9.92 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

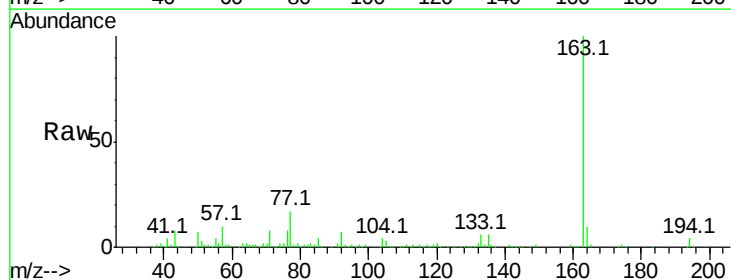
Tgt Ion:163 Resp: 167829

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

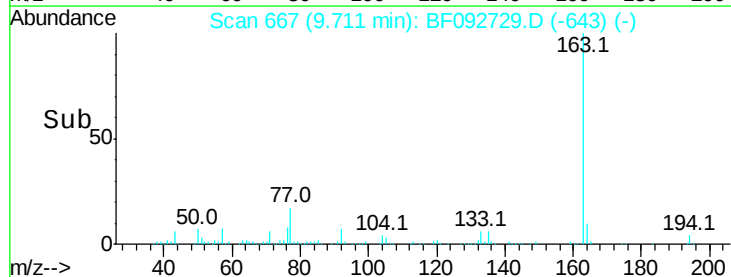
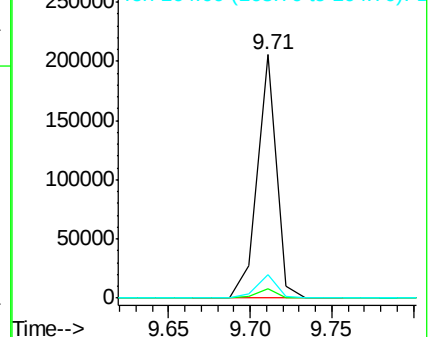
164 9.8 8.0 12.0

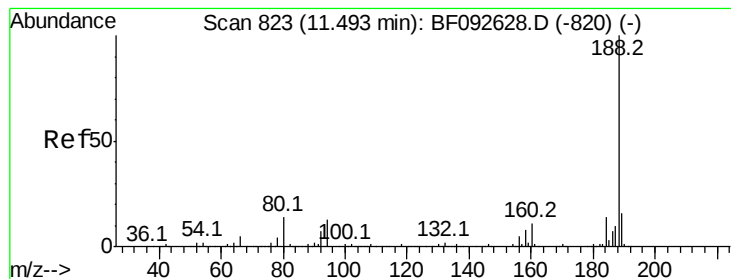


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.48 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SS-5

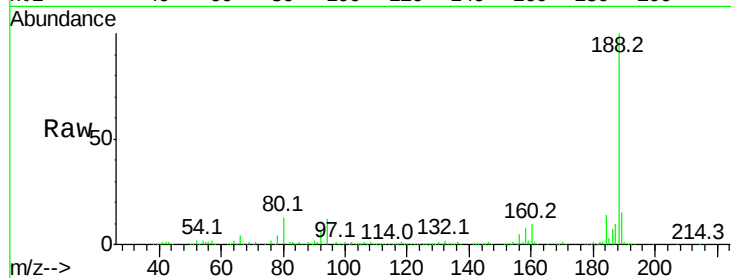
Tot Ion:188 Resp: 329104

Ion Ratio Lower Upper

188 100

94 12.2 10.0 15.0

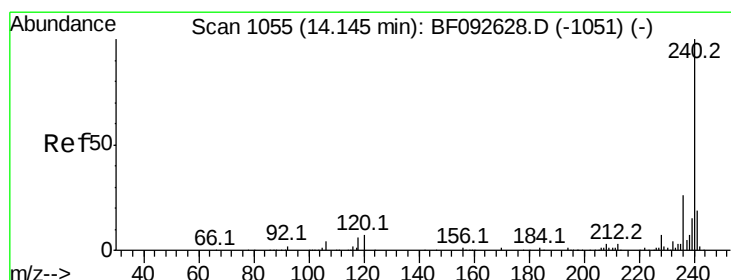
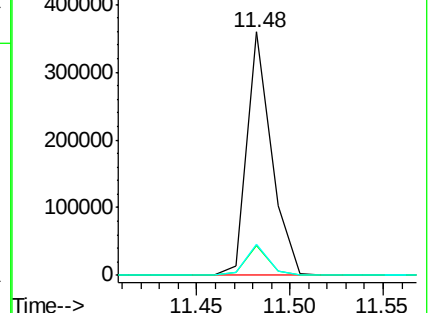
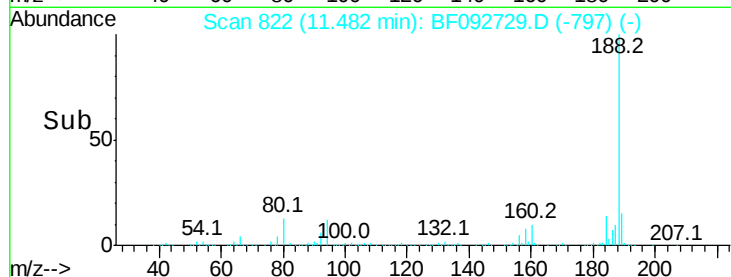
80 12.9 11.2 16.8



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: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

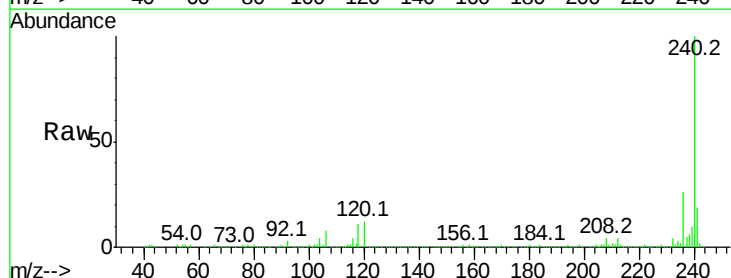
Tgt Ion:240 Resp: 328795

Ion Ratio Lower Upper

240 100

120 12.1 12.9 19.3#

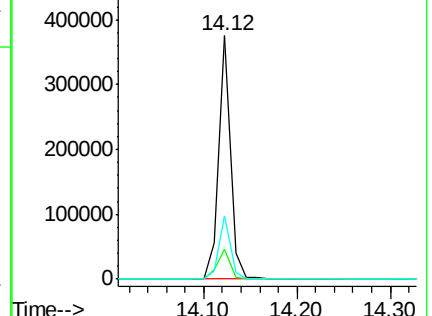
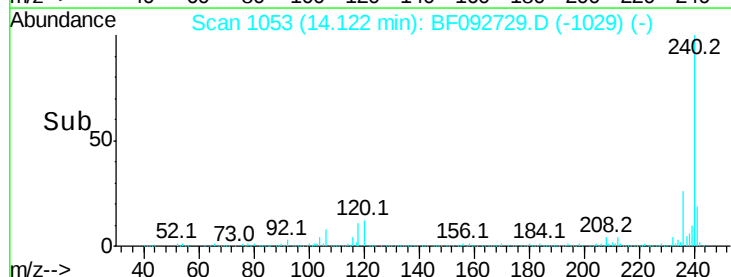
236 25.8 20.9 31.3

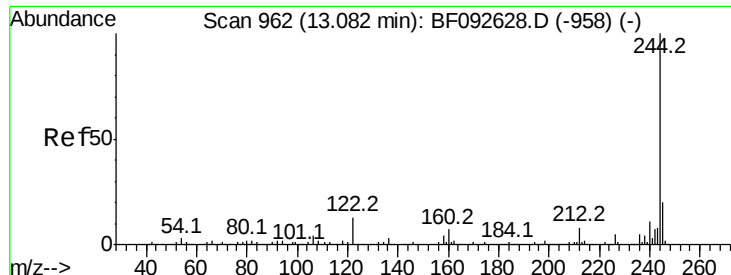


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.76 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

Instrument :

BNA_F

ClientSampled :

SS-5

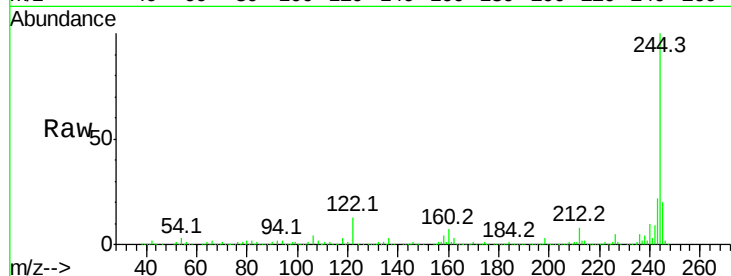
Tot Ion:244 Resp: 976155

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

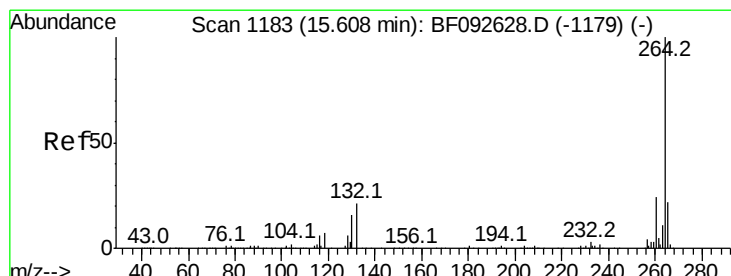
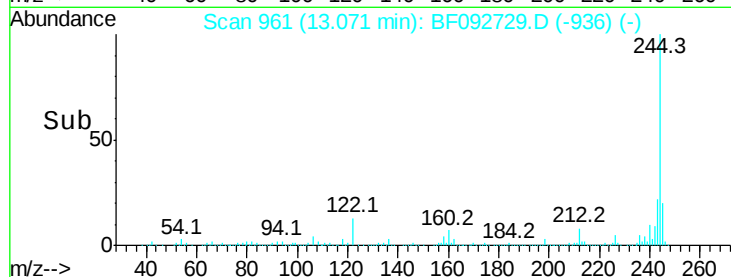
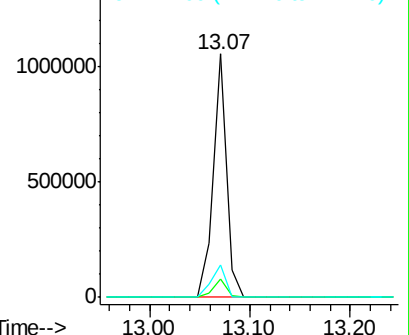
122 13.3 11.4 17.2



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: BF092729.D

Acq: 2 Feb 2017 3:59

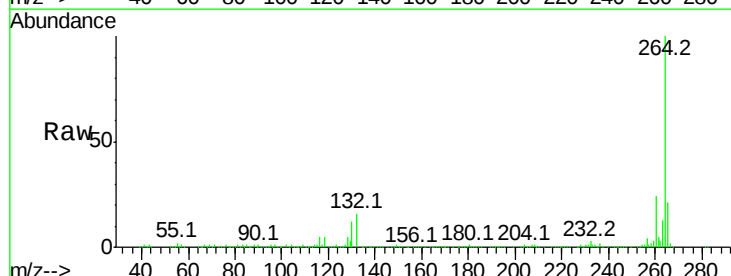
Tgt Ion:264 Resp: 287657

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.0 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

