

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
 Data File : BF087639.D
 Acq On : 2 Jun 2016 3:46
 Operator : UM/SJ
 Sample : H3349-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-50

Quant Time: Jun 02 13:55:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 02:13:57 2016
 Response via : Initial Calibration

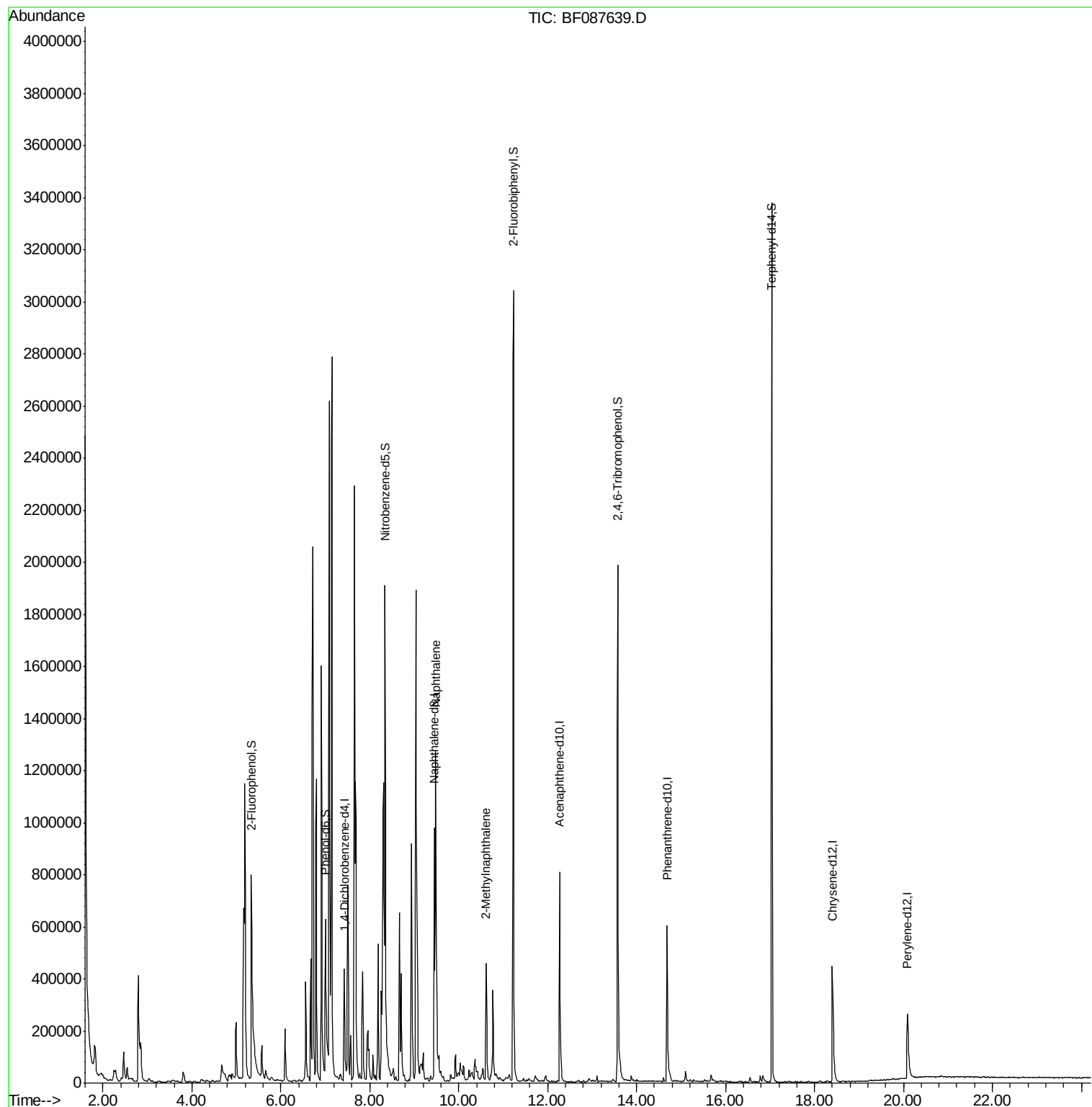
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	113660	20.00	ng	0.01
21) Naphthalene-d8	9.45	136	440642	20.00	ng	-0.01
38) Acenaphthene-d10	12.27	164	215757	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	404372	20.00	ng	0.00
75) Chrysene-d12	18.40	240	303425	20.00	ng	0.00
86) Perylene-d12	20.09	264	212658	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	519223	80.27	ng	0.02
7) Phenol-d6	7.00	99	461485	52.80	ng	0.00
23) Nitrobenzene-d5	8.34	82	909676	104.04	ng	-0.02
41) 2,4,6-Tribromophenol	13.58	330	331497	159.88	ng	-0.01
44) 2-Fluorobiphenyl	11.23	172	1529562	99.94	ng	0.00
78) Terphenyl-d14	17.04	244	1372062	96.14	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	9.48	128	857102	38.82	ng	99
37) 2-Methylnaphthalene	10.62	142	154955	11.23	ng	97

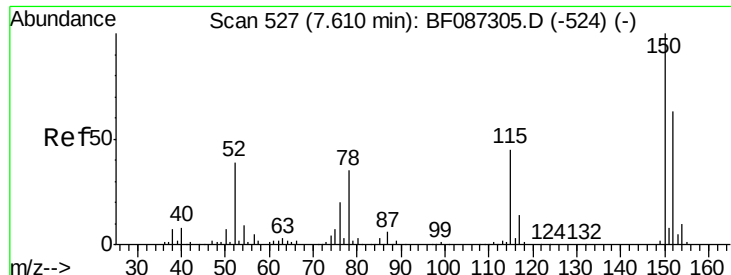
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 02 02:13:57 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF087639.D

Acq: 2 Jun 2016 3:46

Instrument :

BNA_F

ClientSampleId :

W-50

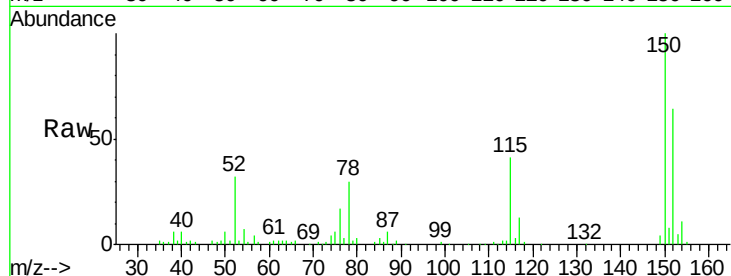
Tot Ion:152 Resp: 113660

Ion Ratio Lower Upper

152 100

150 156.7 125.8 188.6

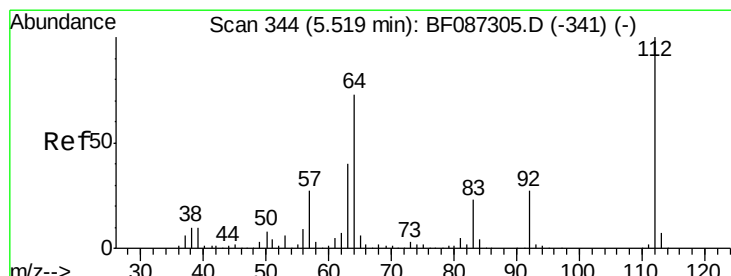
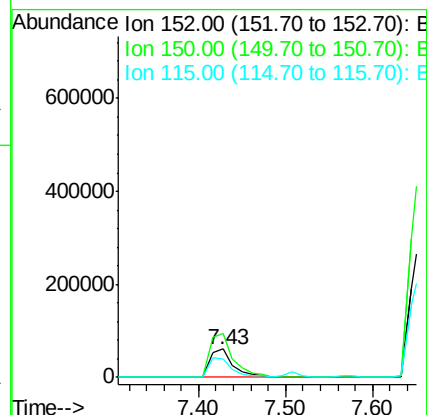
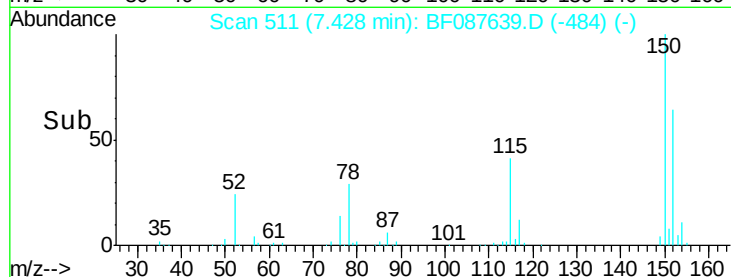
115 64.8 51.5 77.3



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: 80.27 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF087639.D

Acq: 2 Jun 2016 3:46

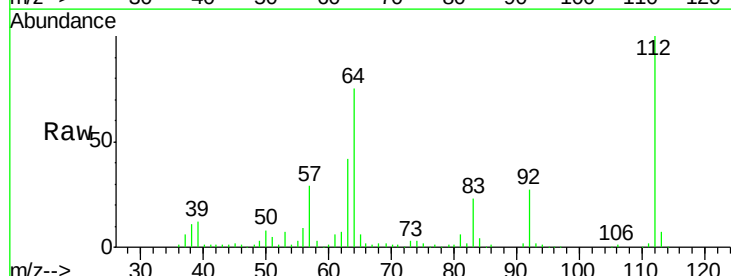
Tgt Ion:112 Resp: 519223

Ion Ratio Lower Upper

112 100

64 75.0 52.1 78.1

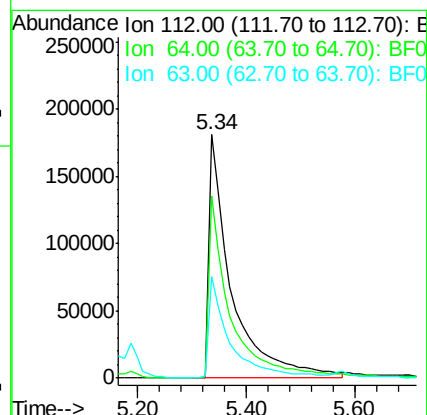
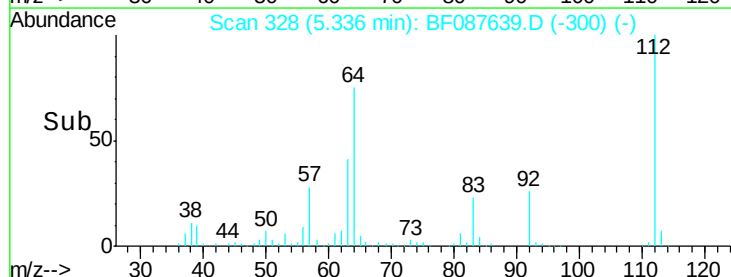
63 41.9 25.7 38.5#

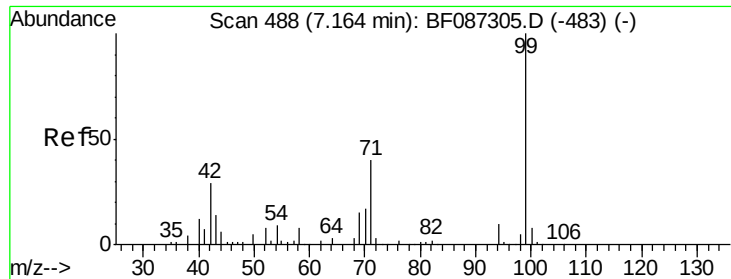


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 52.80 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF087639.D

Acq: 2 Jun 2016 3:46

Instrument :

BNA_F

ClientSampled :

W-50

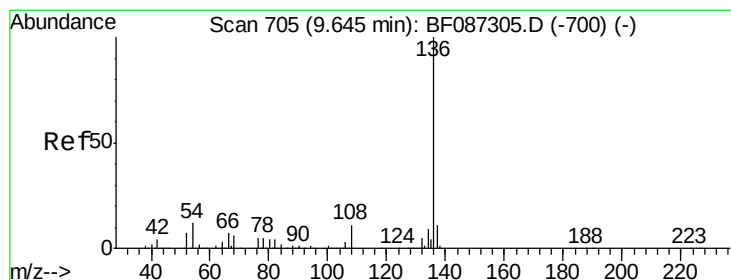
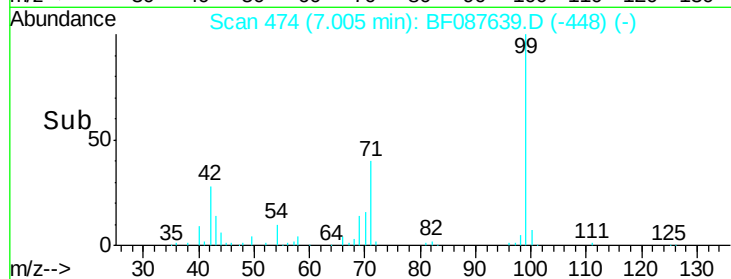
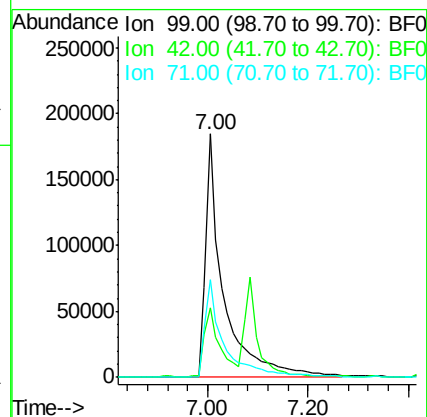
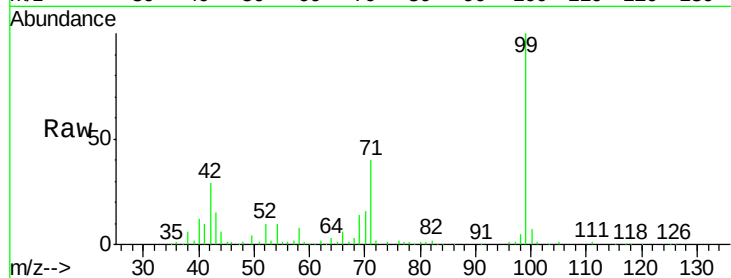
Tot Ion: 99 Resp: 461485

Ion Ratio Lower Upper

99 100

42 28.7 13.6 20.4#

71 40.0 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF087639.D

Acq: 2 Jun 2016 3:46

Tgt Ion: 136 Resp: 440642

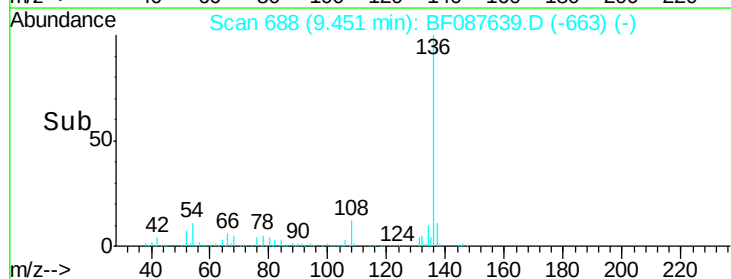
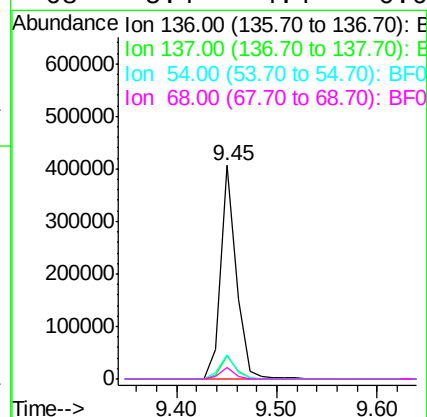
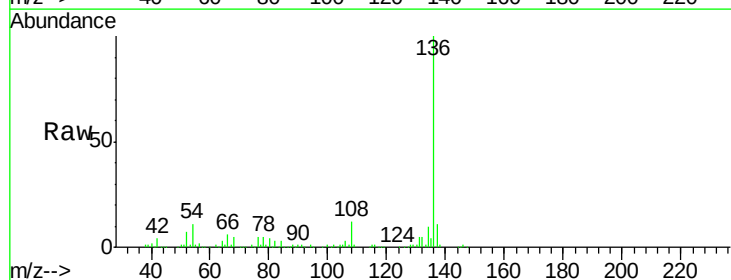
Ion Ratio Lower Upper

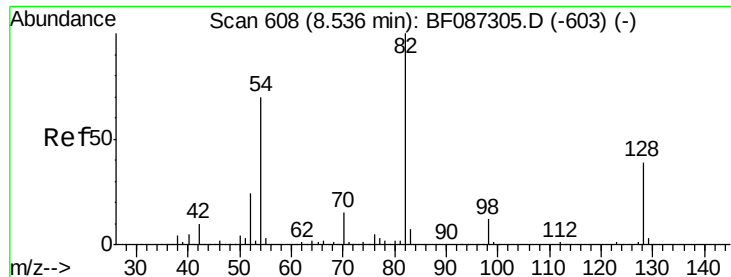
136 100

137 11.1 8.8 13.2

54 11.4 5.0 7.4#

68 5.4 4.4 6.6

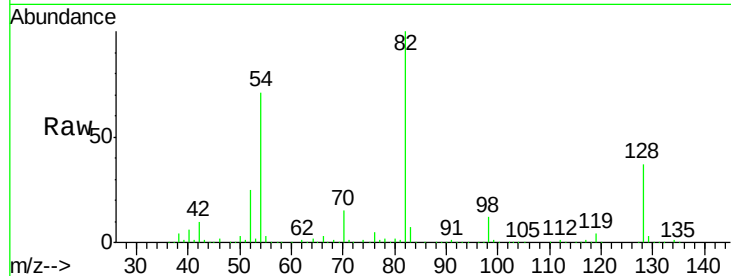




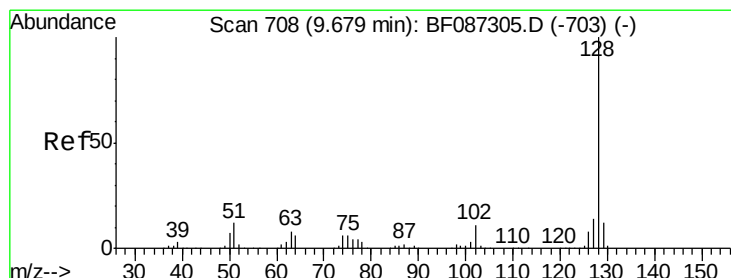
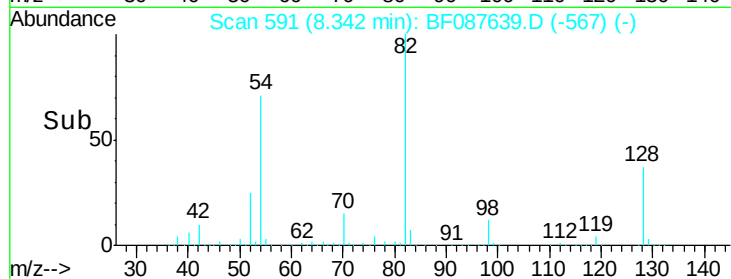
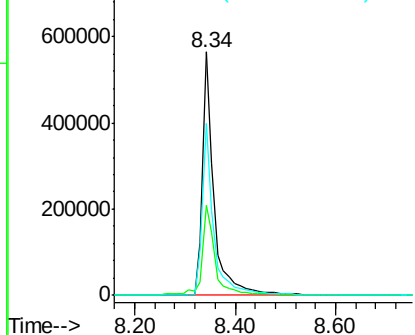
#23
 Nitrobenzene-d5
 Concen: 104.04 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.02 min
 Lab File: BF087639.D
 Acq: 2 Jun 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 W-50

Tot Ion: 82 Resp: 909676
 Ion Ratio Lower Upper
 82 100
 128 37.1 40.6 61.0#
 54 70.7 38.1 57.1#

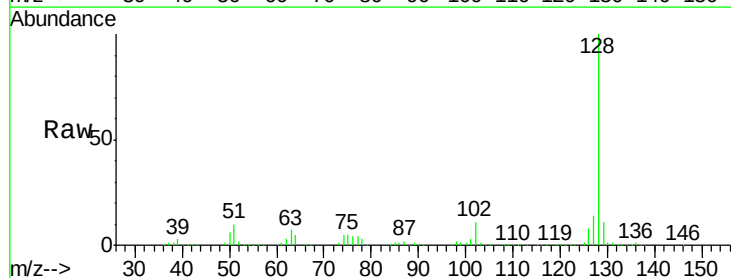


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

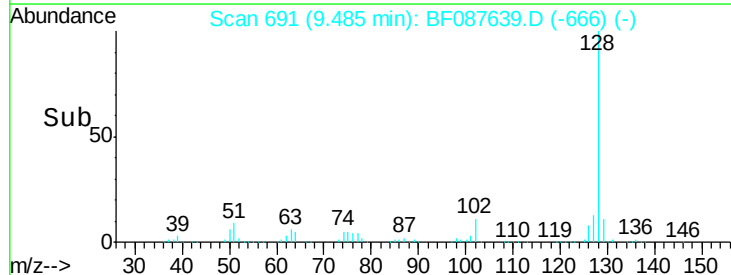
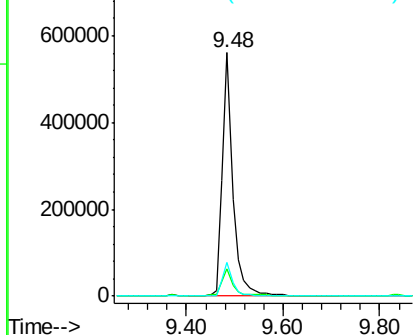


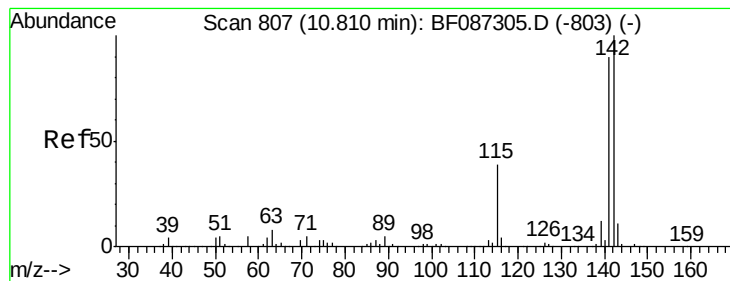
#31
 Naphthalene
 Concen: 38.82 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF087639.D
 Acq: 2 Jun 2016 3:46

Tgt Ion: 128 Resp: 857102
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 13.0
 127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 11.23 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF087639.D

Acq: 2 Jun 2016 3:46

Instrument :

BNA_F

ClientSampleId :

W-50

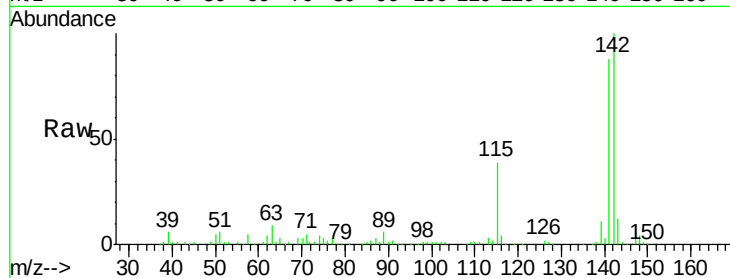
Tot Ion:142 Resp: 154955

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.6

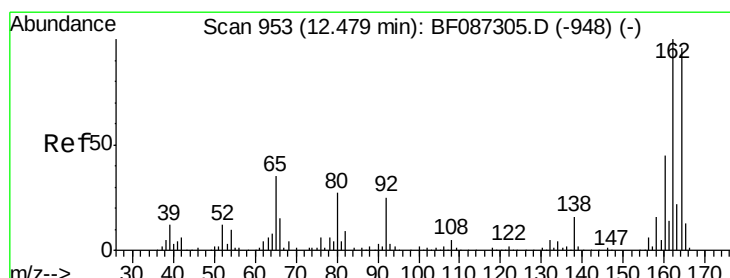
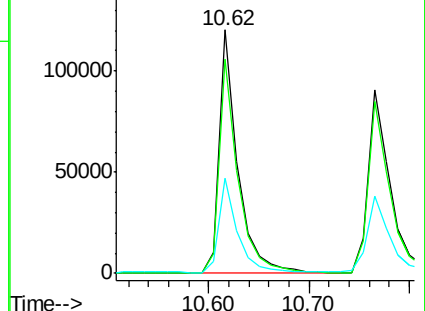
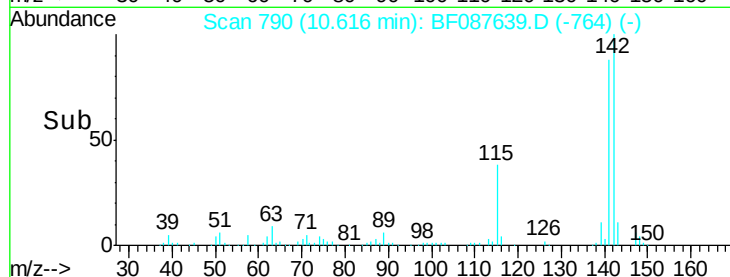
115 39.0 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF087639.D

Acq: 2 Jun 2016 3:46

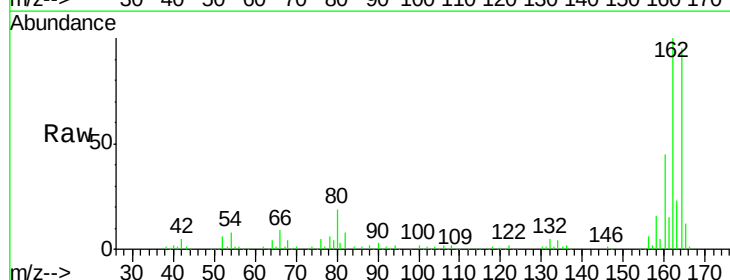
Tgt Ion:164 Resp: 215757

Ion Ratio Lower Upper

164 100

162 104.9 82.8 124.2

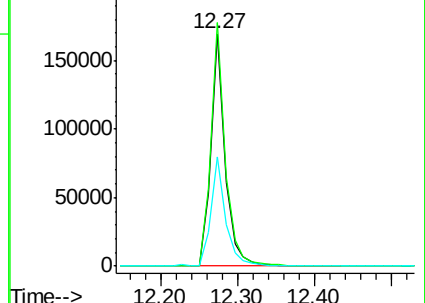
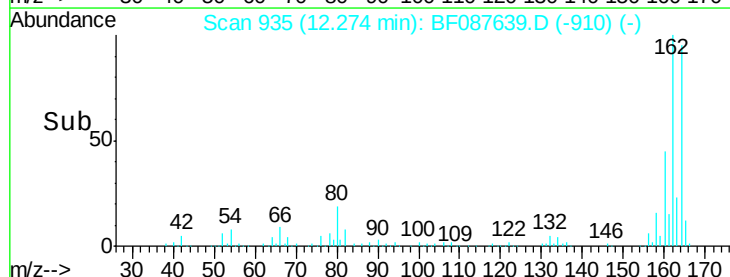
160 47.1 36.9 55.3

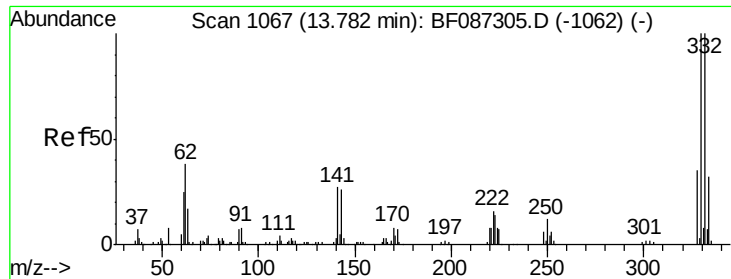


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 159.88 ng

RT: 13.58 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF087639.D

Acq: 2 Jun 2016 3:46

Instrument :

BNA_F

ClientSampleId :

W-50

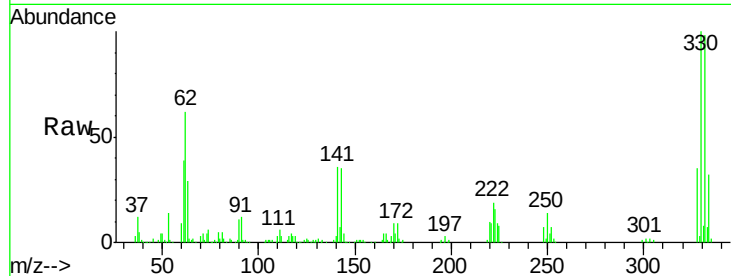
Tot Ion:330 Resp: 331497

Ion Ratio Lower Upper

330 100

332 97.2 79.0 118.4

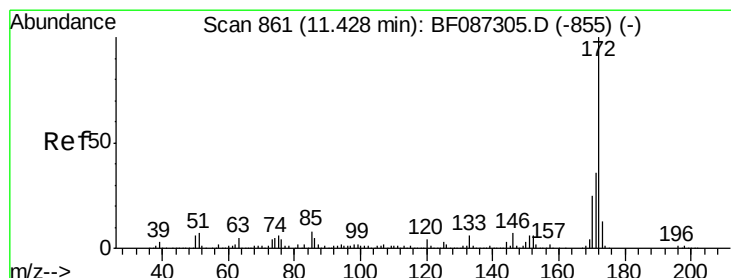
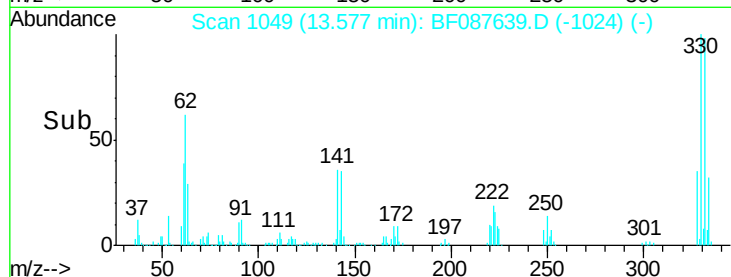
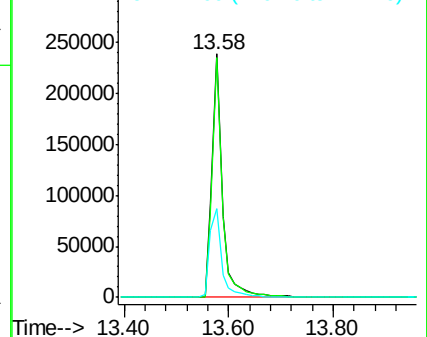
141 42.8 31.2 46.8



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: 99.94 ng

RT: 11.23 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF087639.D

Acq: 2 Jun 2016 3:46

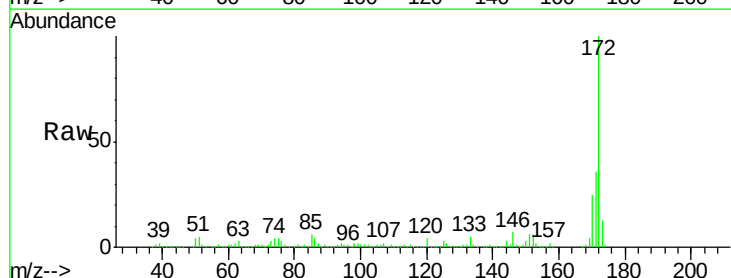
Tgt Ion:172 Resp: 1529562

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

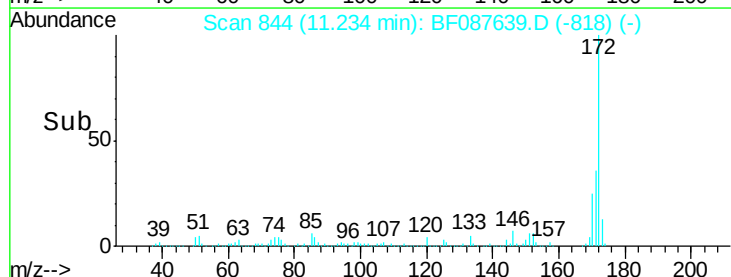
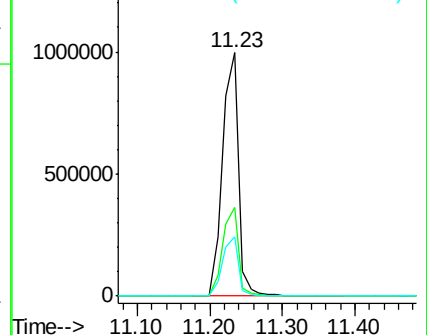
170 24.6 19.8 29.8

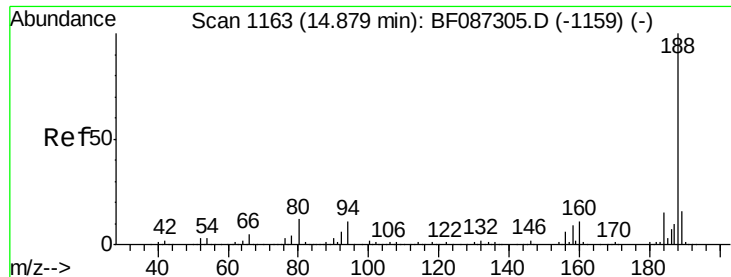


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

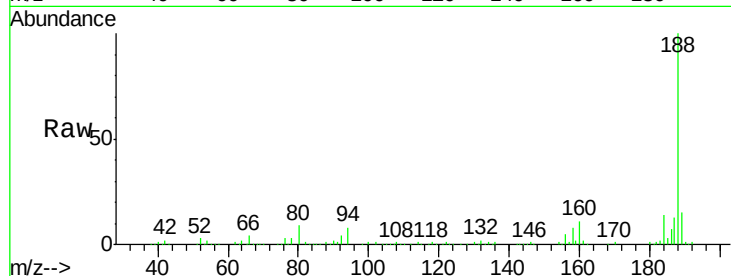




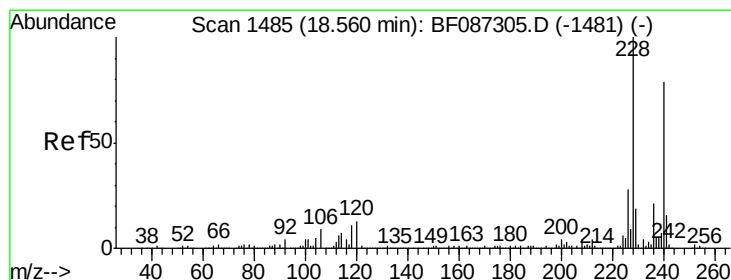
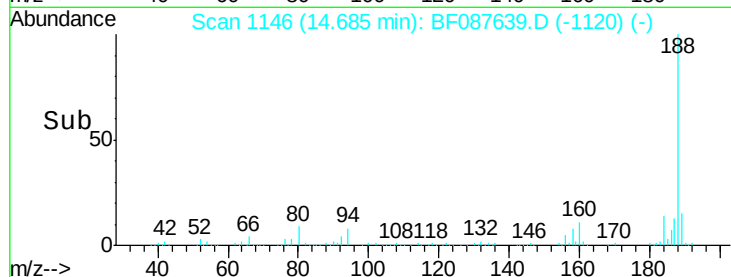
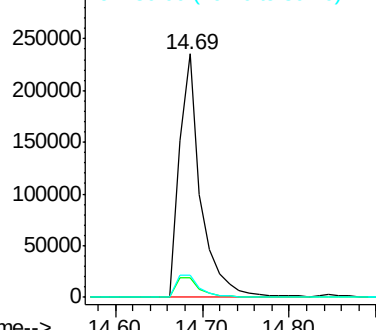
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF087639.D
Acq: 2 Jun 2016 3:46

Instrument :
BNA_F
ClientSampleId :
W-50

Tot Ion:188 Resp: 404372
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.9 7.1 10.7

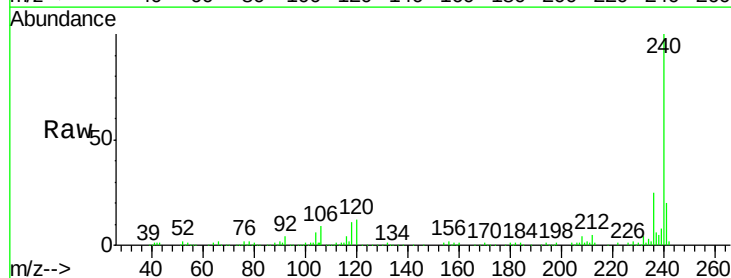


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

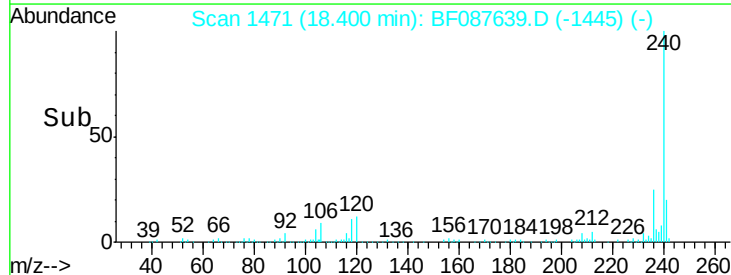
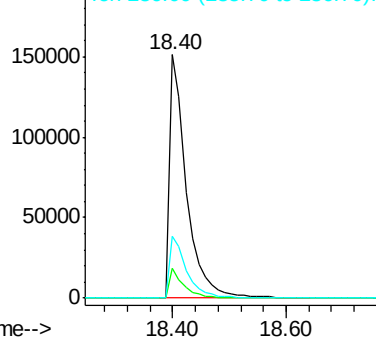


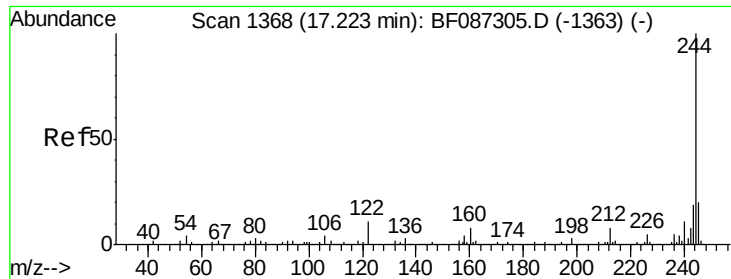
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.40 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF087639.D
Acq: 2 Jun 2016 3:46

Tgt Ion:240 Resp: 303425
Ion Ratio Lower Upper
240 100
120 12.3 11.2 16.8
236 25.5 21.2 31.8



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: 96.14 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF087639.D

Acq: 2 Jun 2016 3:46

Instrument :

BNA_F

ClientSampled :

W-50

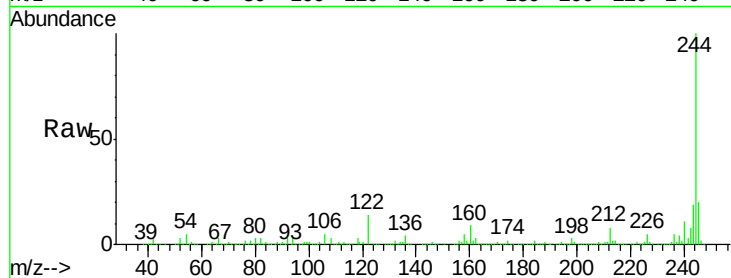
Tot Ion:244 Resp: 1372062

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

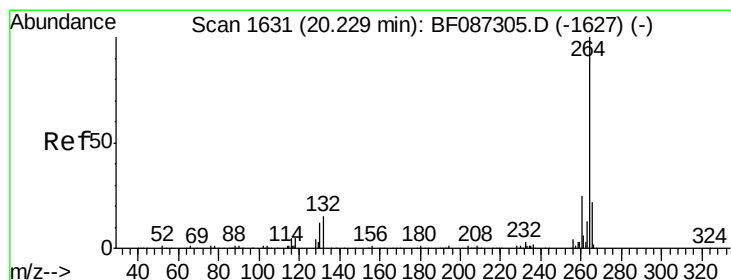
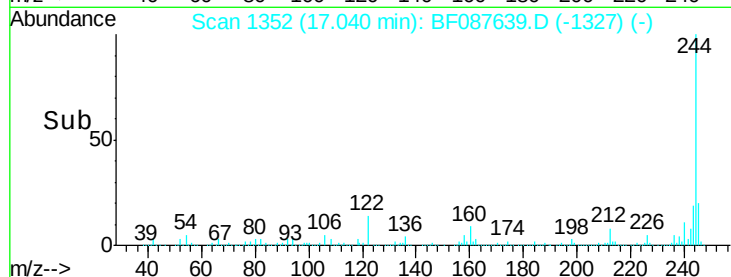
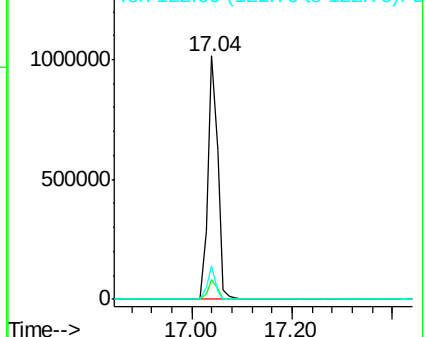
122 13.8 12.0 18.0



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: 20.09 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF087639.D

Acq: 2 Jun 2016 3:46

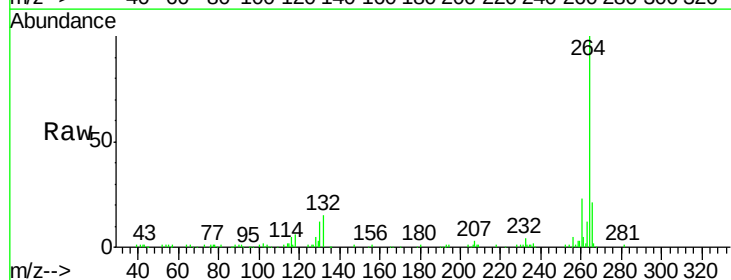
Tgt Ion:264 Resp: 212658

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 20.7 17.3 25.9



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

