

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
 Data File : BF089981.D
 Acq On : 2 Sep 2016 18:08
 Operator : UM/SJ
 Sample : H4675-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-3

Quant Time: Sep 02 18:55:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

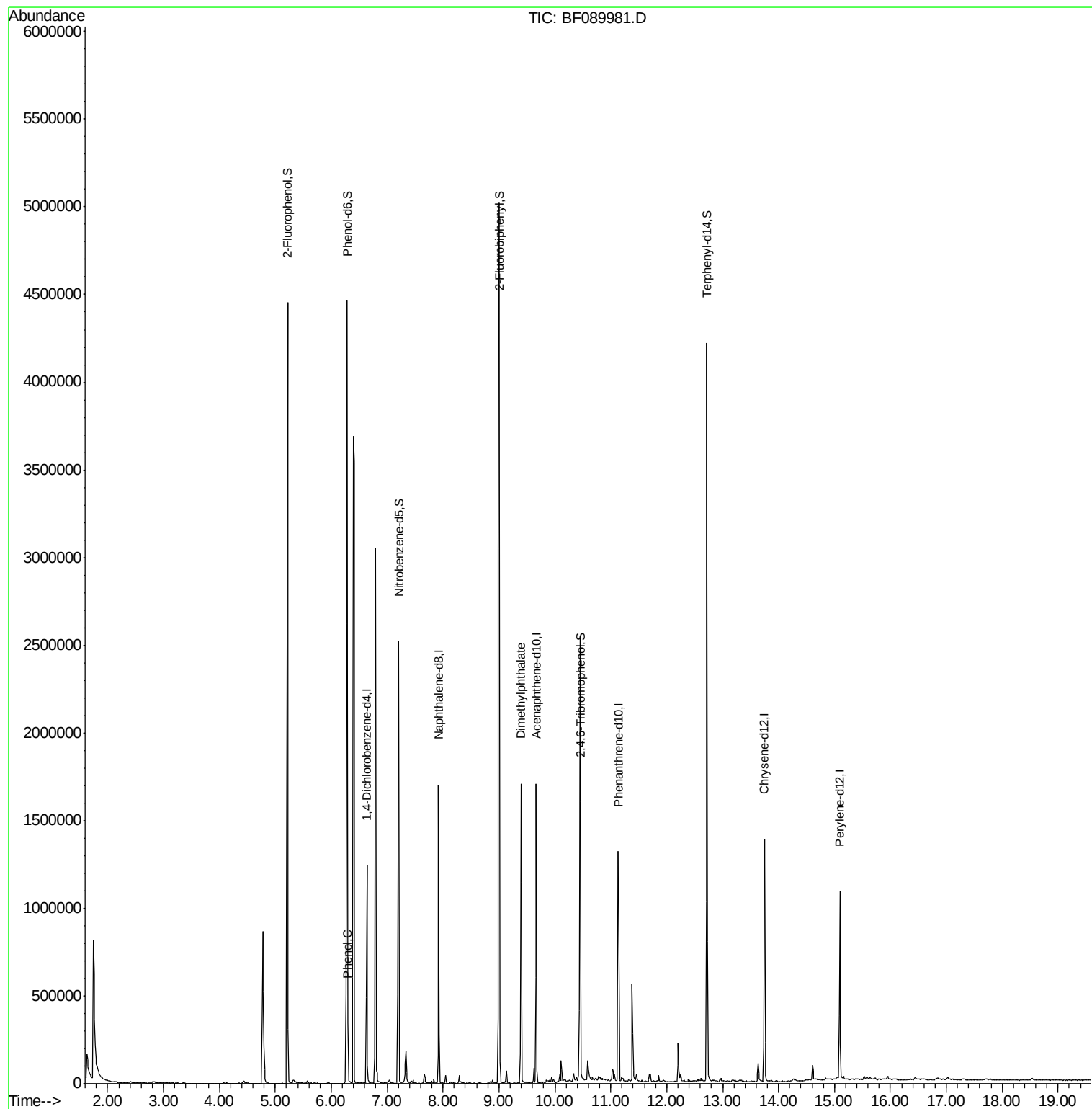
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	196030	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	724238	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	371587	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	598026	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	456628	20.00	ng	-0.01
86) Perylene-d12	15.10	264	434507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1412338	115.32	ng	0.01
7) Phenol-d6	6.28	99	1783867	119.87	ng	0.00
23) Nitrobenzene-d5	7.21	82	1203431	96.37	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	441772	120.51	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	2013108	88.93	ng	0.00
78) Terphenyl-d14	12.72	244	1429166	77.32	ng	-0.01
Target Compounds						
10) Phenol	6.30	94	72868	4.21	ng	Qvalue # 57
49) Dimethylphthalate	9.39	163	1004242	37.39	ng	100

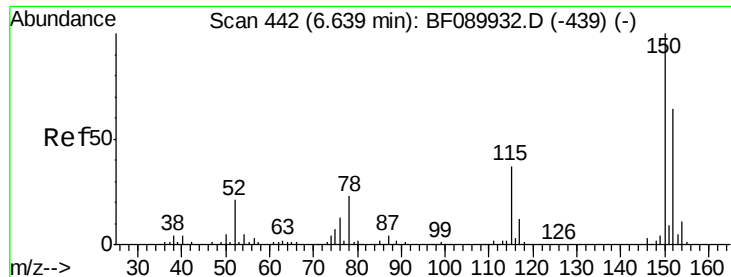
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-3

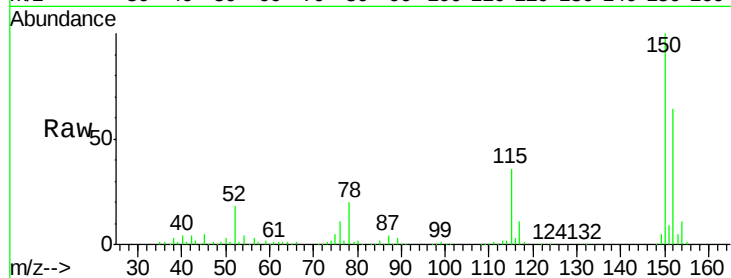
Tgt Ion:152 Resp: 196030

Ion Ratio Lower Upper

152 100

150 156.5 127.4 191.2

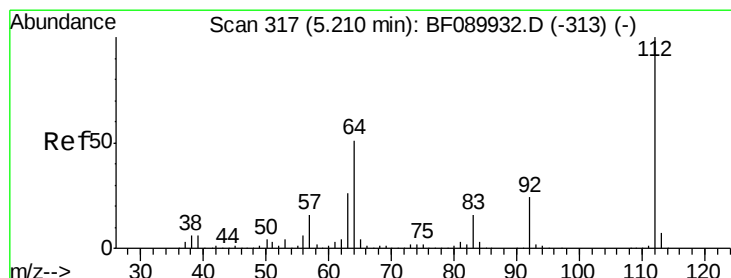
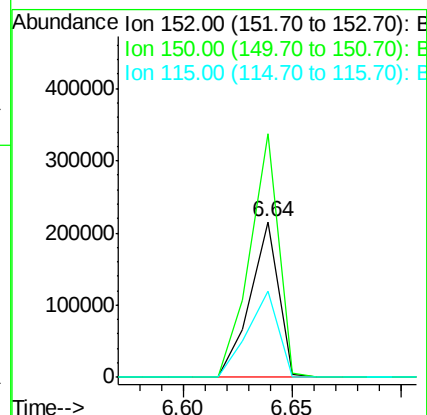
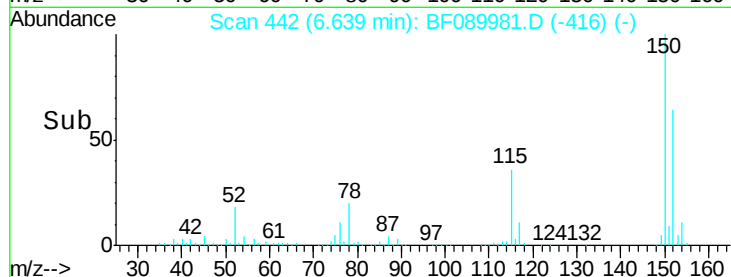
115 55.6 46.3 69.5



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: 115.32 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

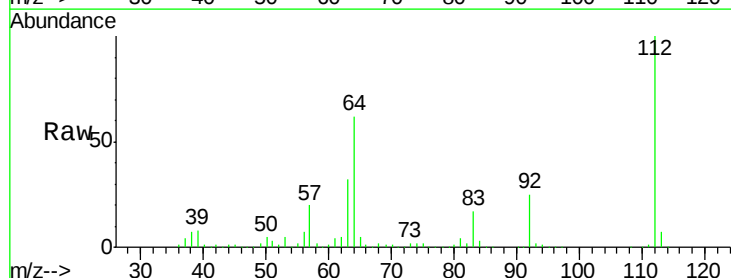
Tgt Ion:112 Resp: 1412338

Ion Ratio Lower Upper

112 100

64 61.6 41.1 61.7

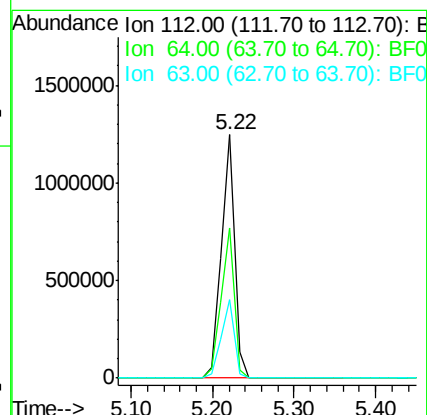
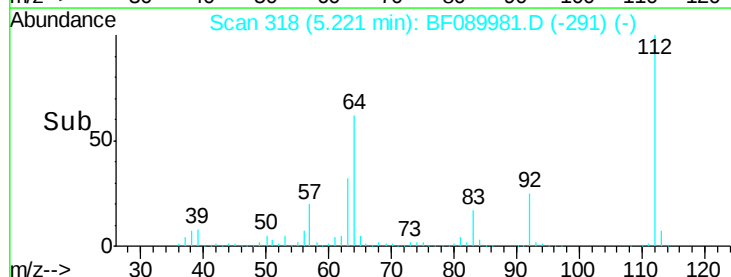
63 32.0 21.2 31.8#

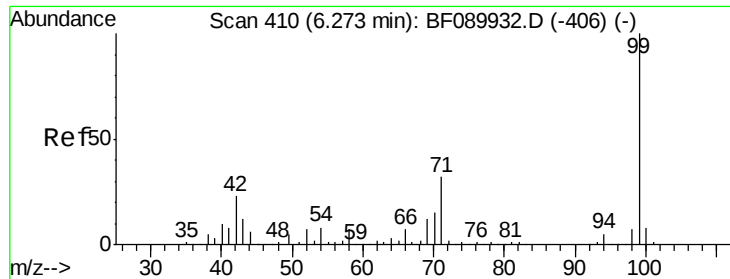


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.87 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-3

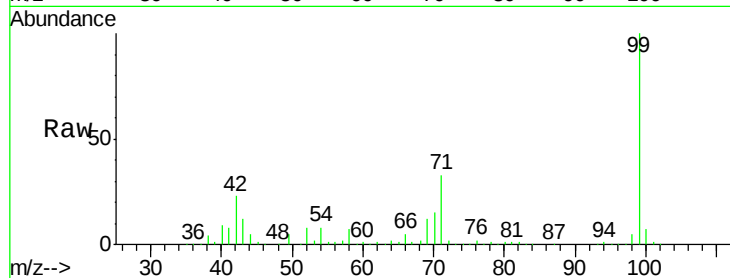
Tgt Ion: 99 Resp: 1783867

Ion Ratio Lower Upper

99 100

42 23.0 18.6 27.8

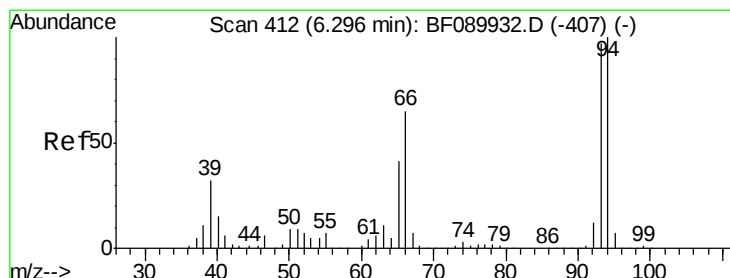
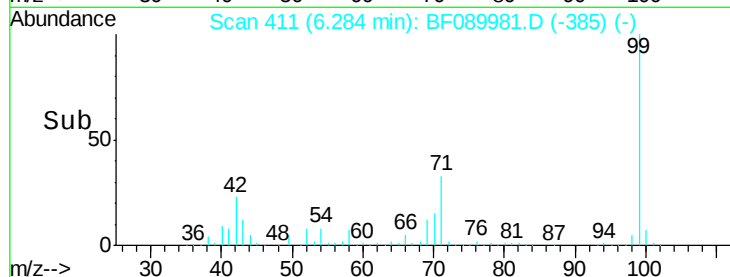
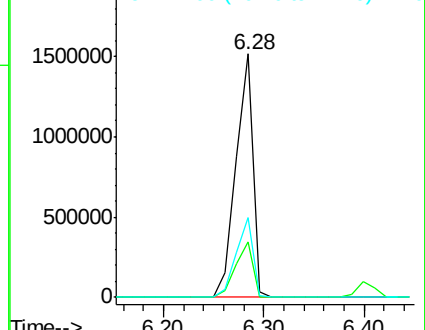
71 32.9 25.8 38.6



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: 4.21 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

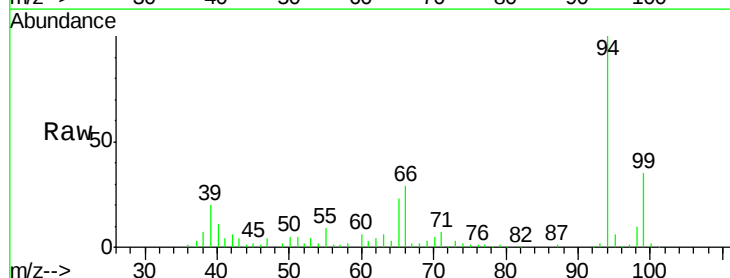
Tgt Ion: 94 Resp: 72868

Ion Ratio Lower Upper

94 100

65 22.7 23.2 63.2#

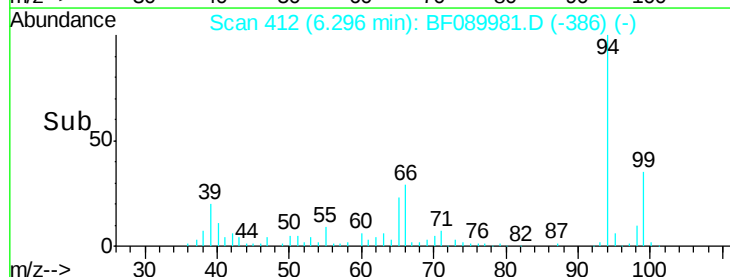
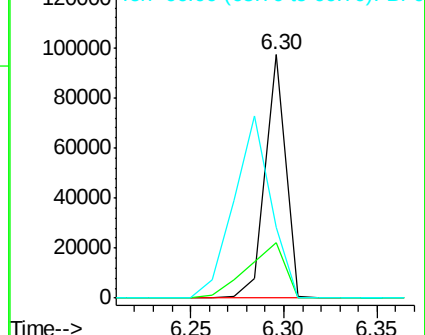
66 28.9 49.2 89.2#

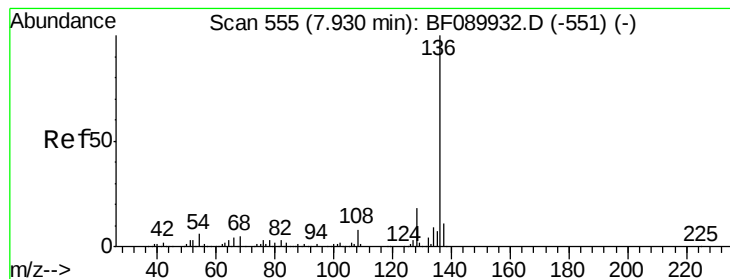


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-3

Tgt Ion:136 Resp: 724238

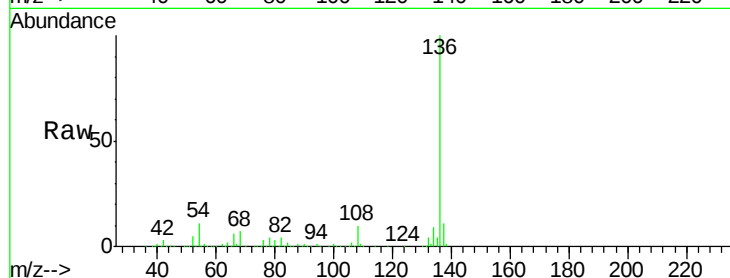
Ion Ratio Lower Upper

136 100

137 11.4 8.3 12.5

54 10.6 4.8 7.2#

68 6.8 3.7 5.5#

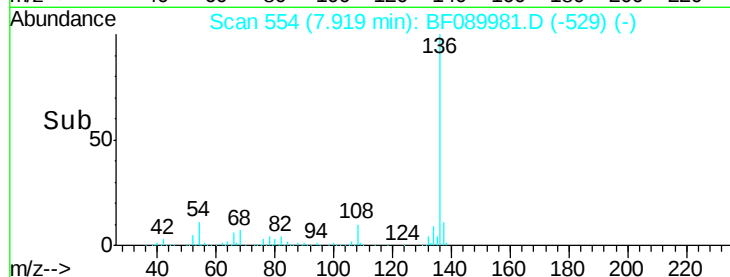


Abundance Ion 136.00 (135.70 to 136.70): E

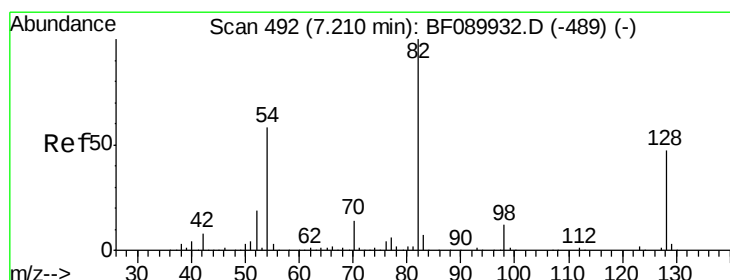
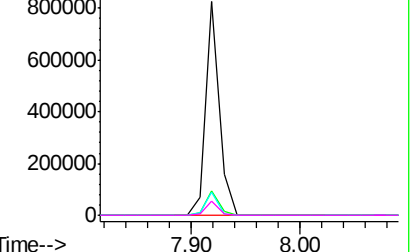
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 96.37 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

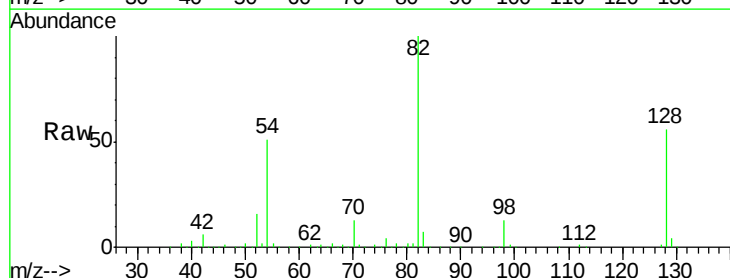
Tgt Ion: 82 Resp: 1203431

Ion Ratio Lower Upper

82 100

128 55.6 37.8 56.8

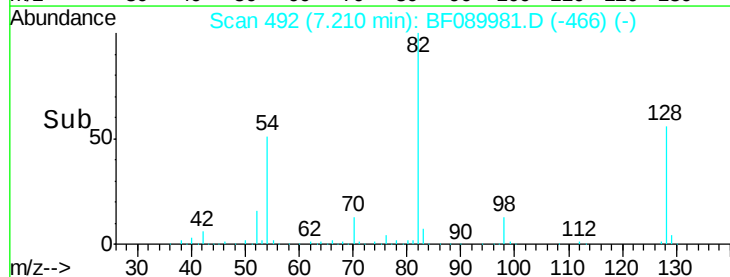
54 50.7 46.9 70.3



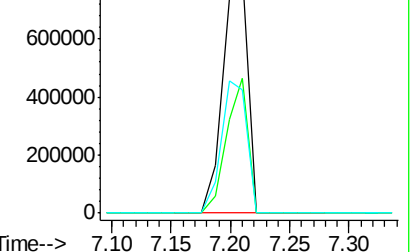
Abundance Ion 82.00 (81.70 to 82.70): BF0

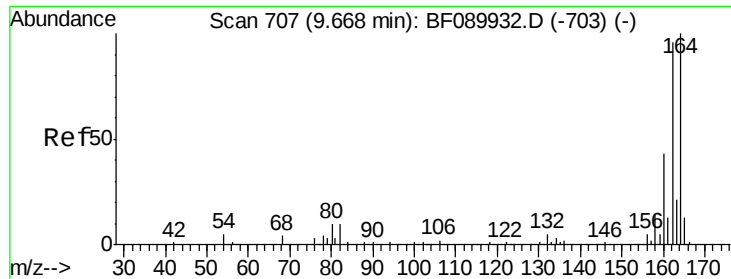
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-3

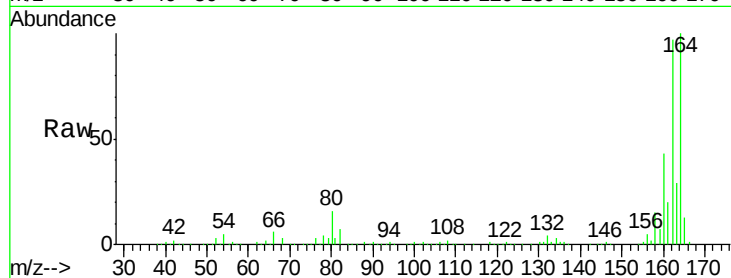
Tgt Ion:164 Resp: 371587

Ion Ratio Lower Upper

164 100

162 96.6 77.1 115.7

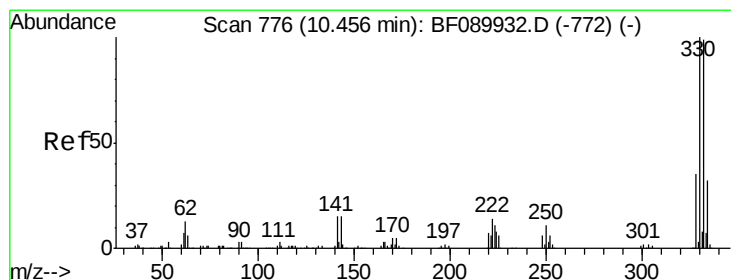
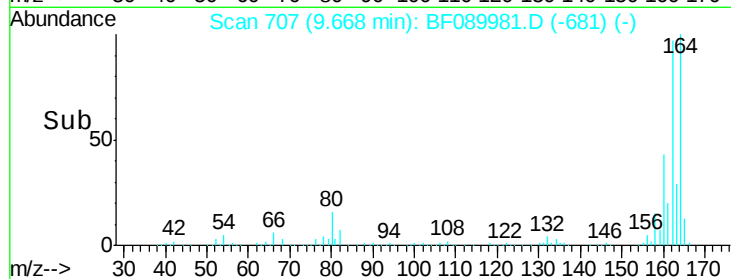
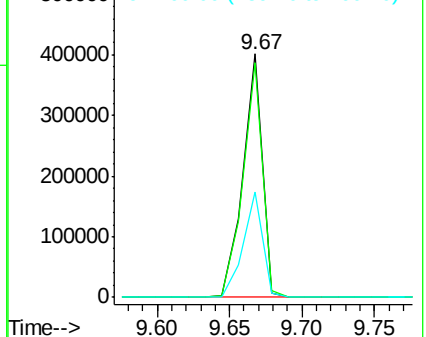
160 43.3 35.3 52.9



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: 120.51 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

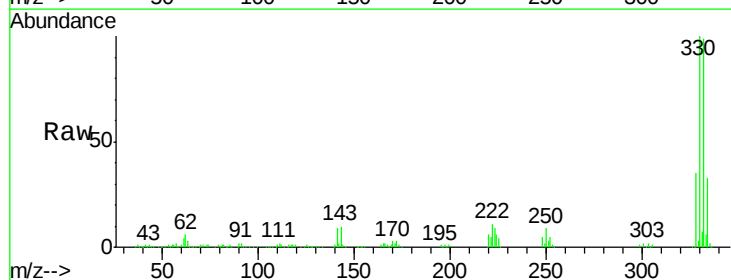
Tgt Ion:330 Resp: 441772

Ion Ratio Lower Upper

330 100

332 98.4 78.6 117.8

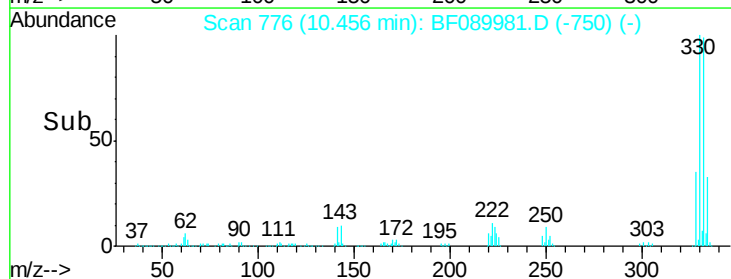
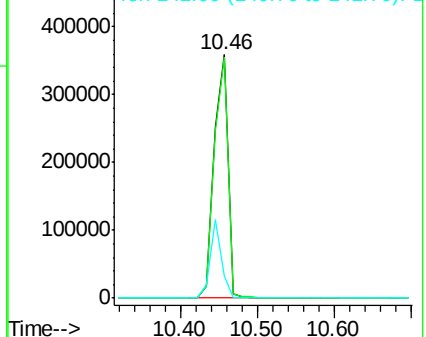
141 27.1 23.3 34.9

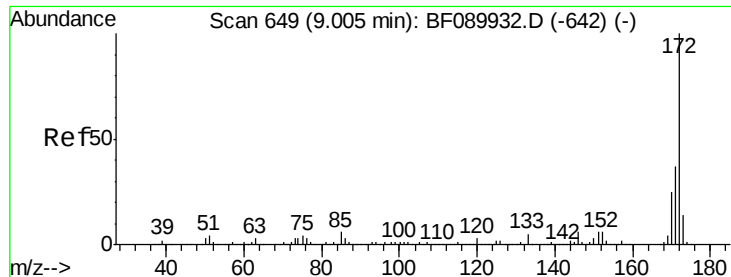


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

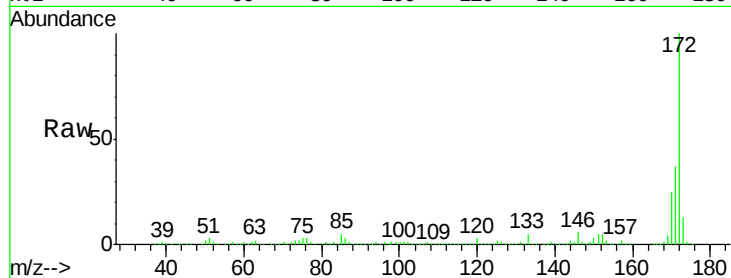




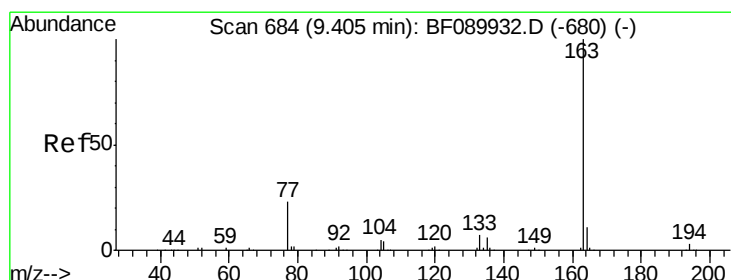
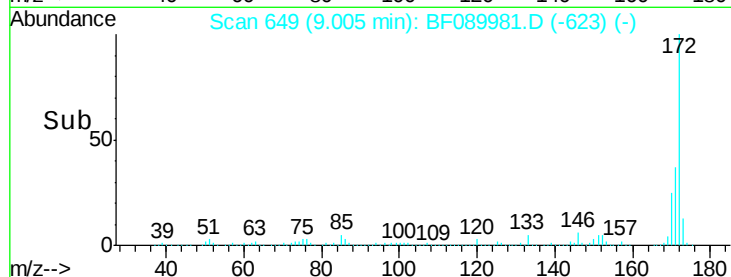
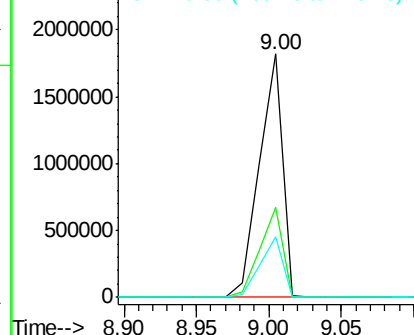
#44
2-Fluorobiphenyl
Concen: 88.93 ng
RT: 9.00 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF089981.D
Acq: 2 Sep 2016 18:08

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-3

Tgt Ion:172 Resp: 2013108
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.2
170 24.7 20.1 30.1

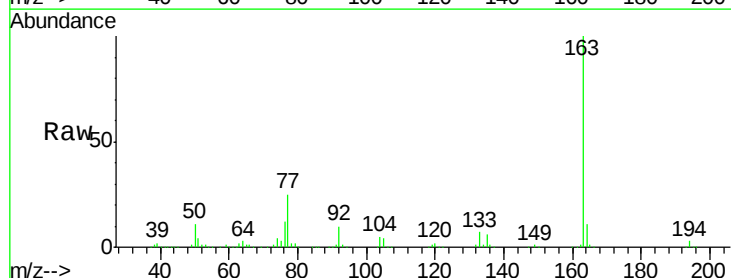


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

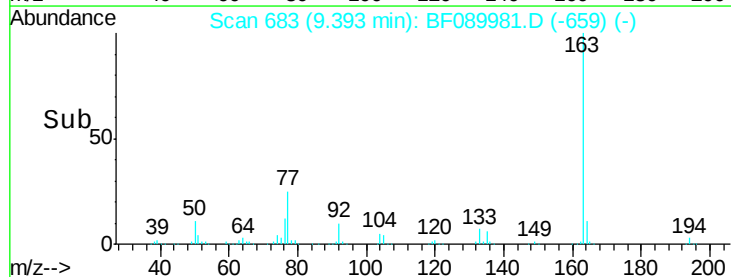
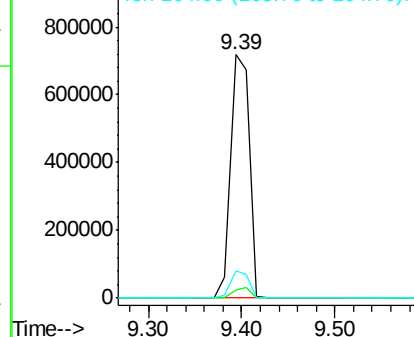


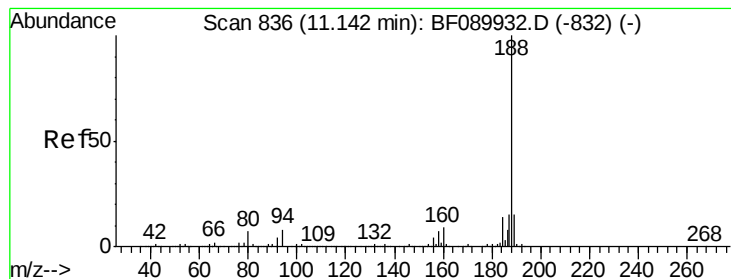
#49
Dimethylphthalate
Concen: 37.39 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF089981.D
Acq: 2 Sep 2016 18:08

Tgt Ion:163 Resp: 1004242
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 11.0 9.0 13.4



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: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-3

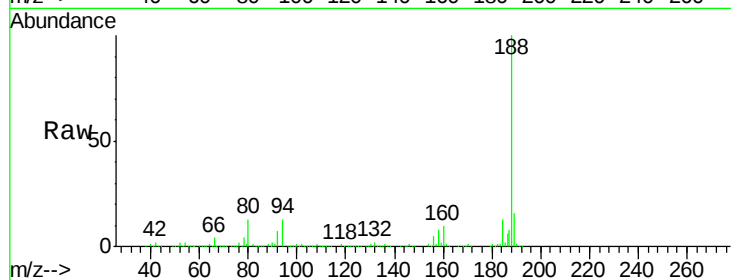
Tgt Ion:188 Resp: 598026

Ion Ratio Lower Upper

188 100

94 13.0 5.9 8.9#

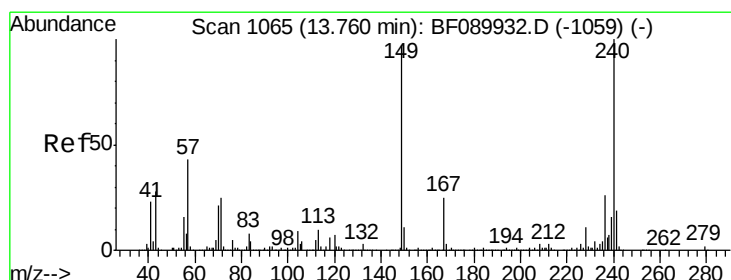
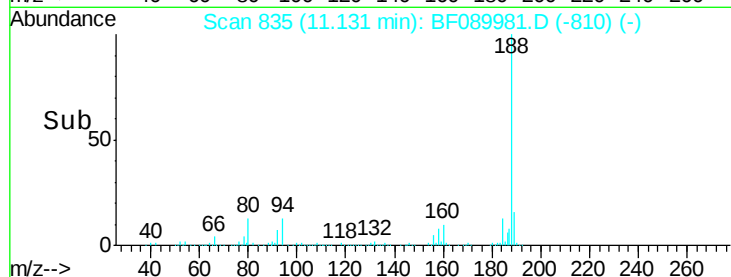
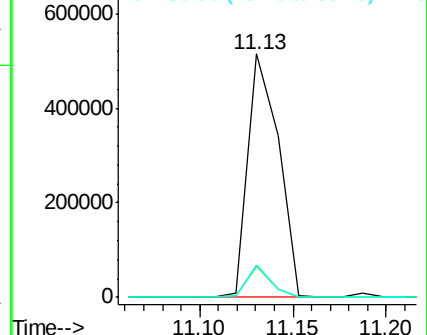
80 13.4 5.8 8.8#



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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

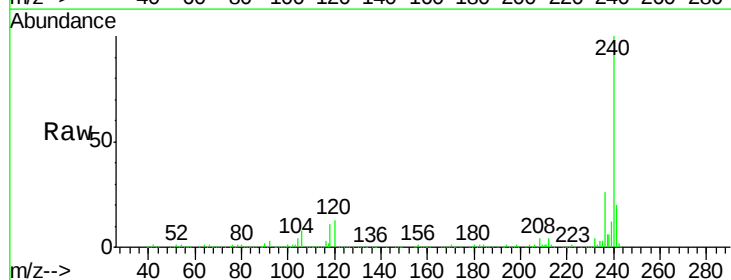
Tgt Ion:240 Resp: 456628

Ion Ratio Lower Upper

240 100

120 12.8 5.7 8.5#

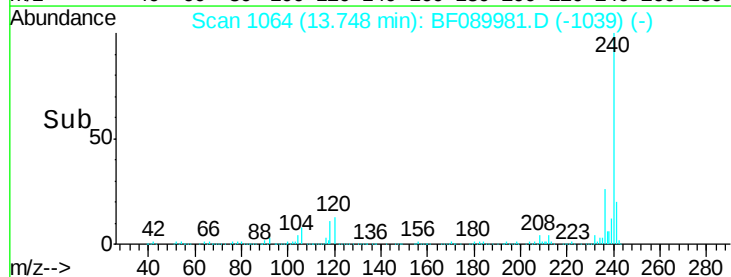
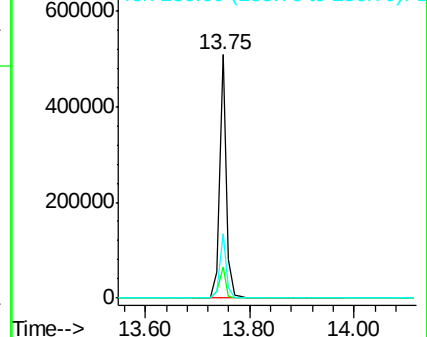
236 26.3 21.3 31.9

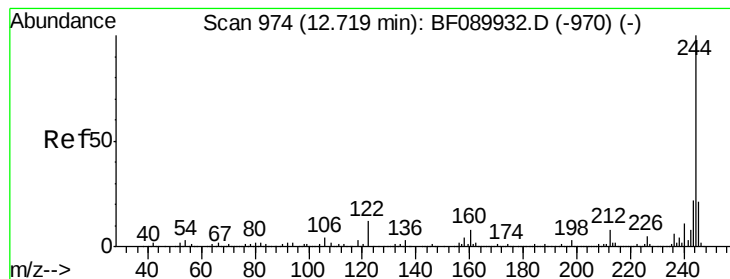


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.32 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-3

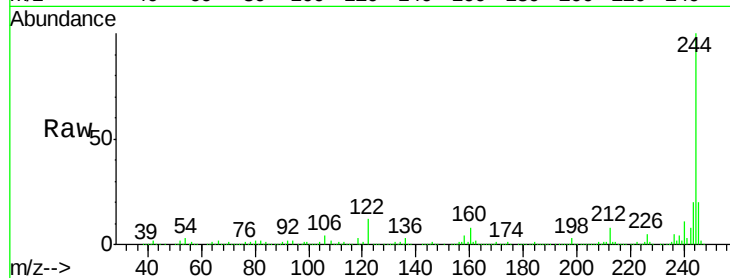
Tgt Ion:244 Resp: 1429166

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

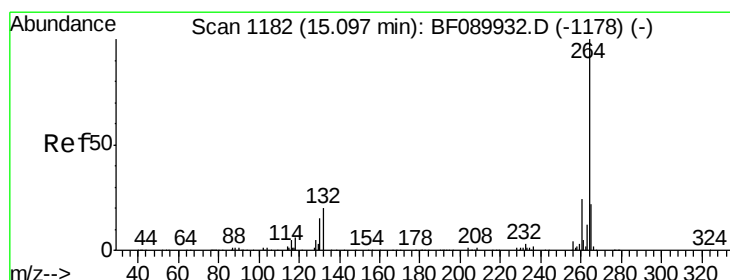
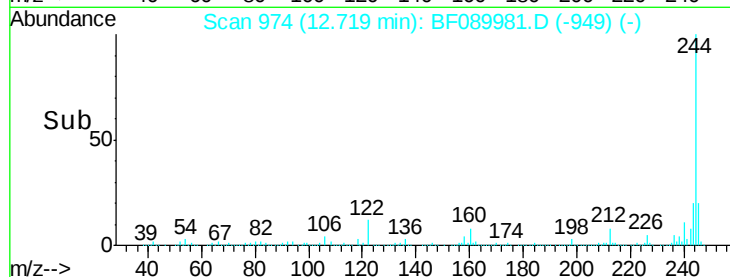
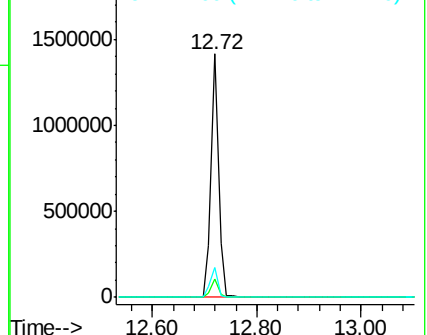
122 12.1 9.6 14.4



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: 15.10 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

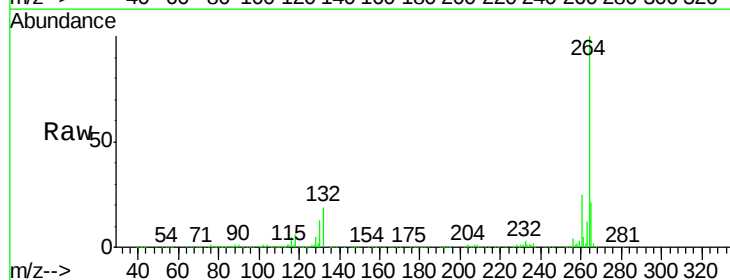
Tgt Ion:264 Resp: 434507

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.0

265 21.3 17.4 26.2



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

