

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089468.D
 Acq On : 31 Jul 2016 13:51
 Operator : UM/SJ
 Sample : H4218-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-38A-9-11

Quant Time: Aug 01 05:18:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

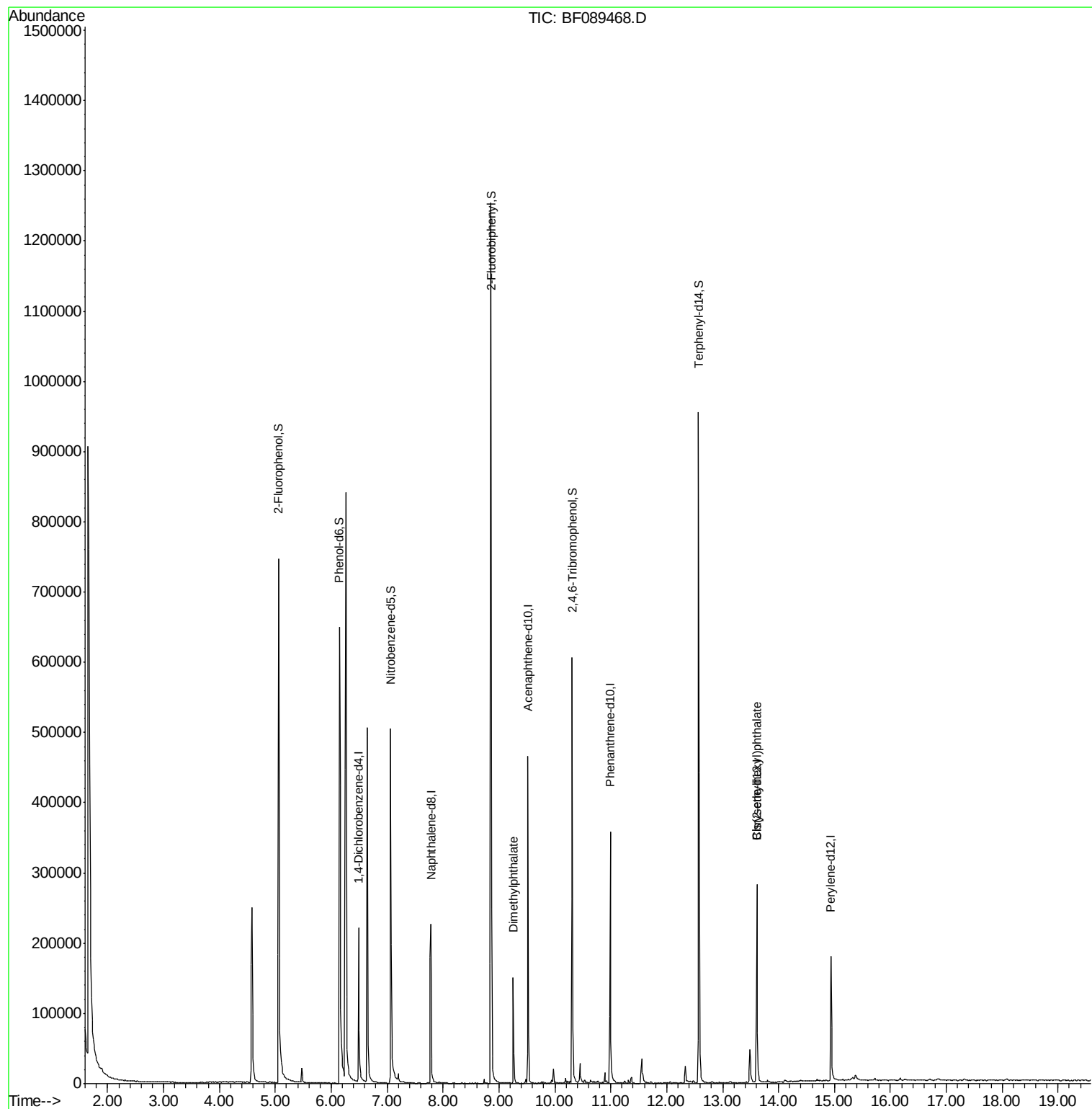
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	43831	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	172918	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	88070	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	159678	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	101609	20.00	ng	-0.01
86) Perylene-d12	14.94	264	77977	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	274891	100.14	ng	0.00
7) Phenol-d6	6.15	99	357586	98.57	ng	-0.02
23) Nitrobenzene-d5	7.06	82	228065	77.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	75440	103.43	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	411630	68.59	ng	-0.01
78) Terphenyl-d14	12.57	244	341701	78.71	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.26	163	65107	9.71	ng	Qvalue 98
83) Bis(2-ethylhexyl)phthalate	13.61	149	25498	5.04	ng	# 97

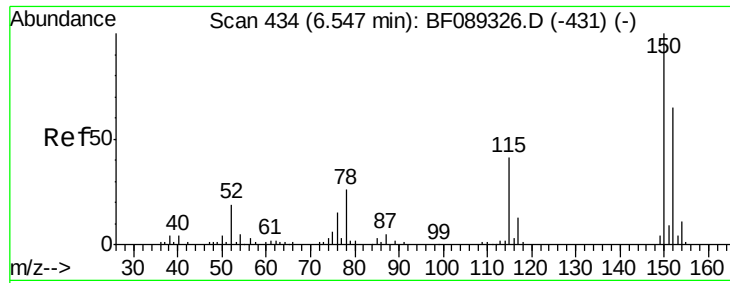
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-38A-9-11

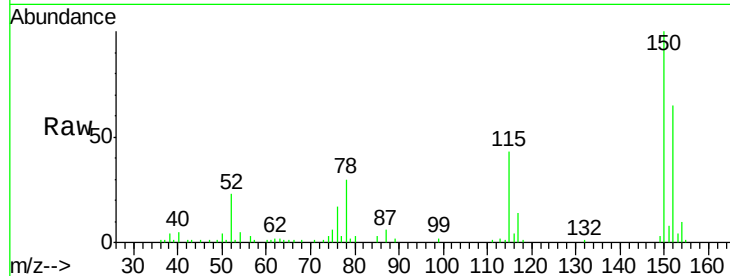
Tot Ion:152 Resp: 43831

Ion Ratio Lower Upper

152 100

150 154.2 129.5 194.3

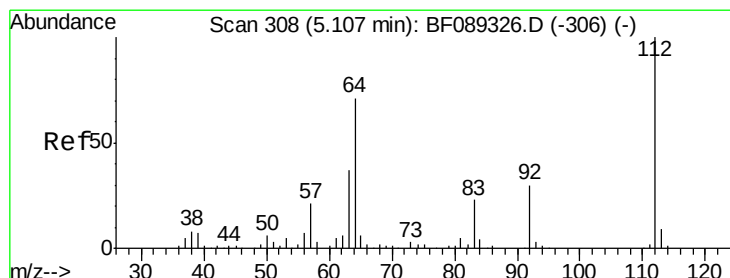
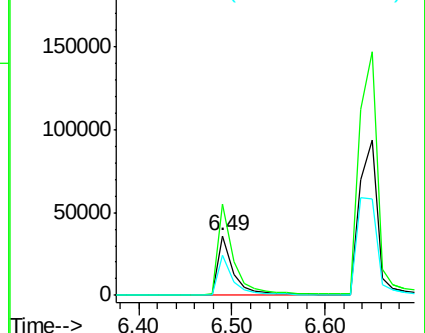
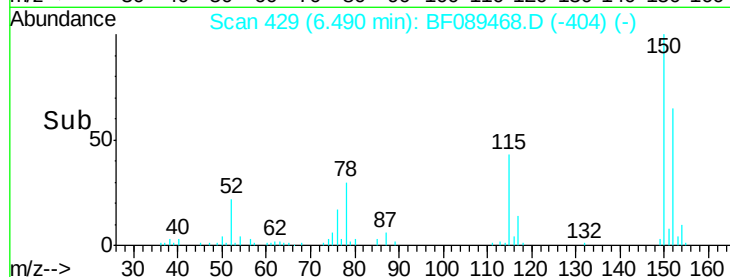
115 67.0 51.4 77.2



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: 100.14 ng

RT: 5.06 min Scan# 304

Delta R.T. 0.00 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

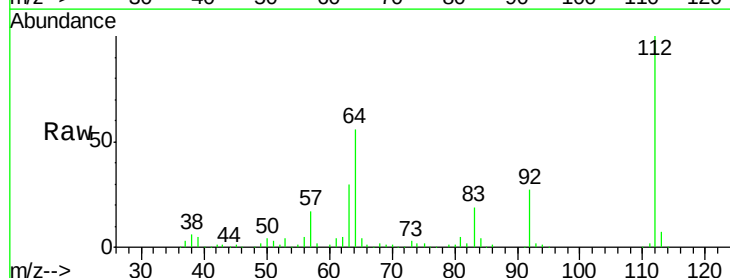
Tgt Ion:112 Resp: 274891

Ion Ratio Lower Upper

112 100

64 55.6 55.0 82.6

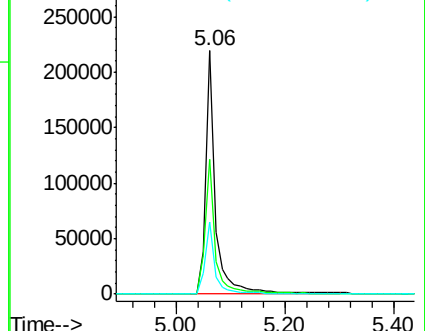
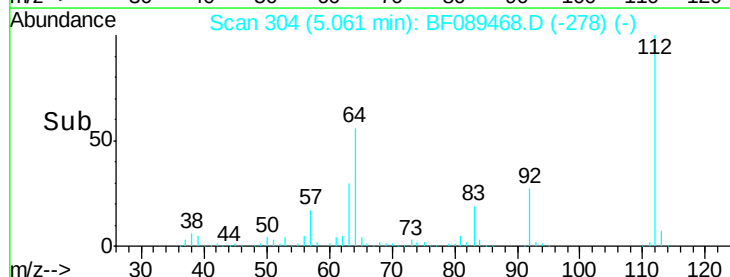
63 29.7 29.4 44.2

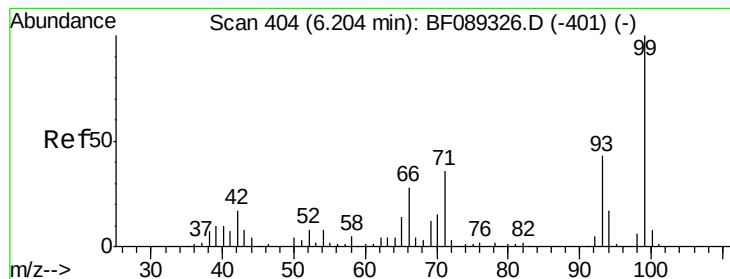


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.57 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-38A-9-11

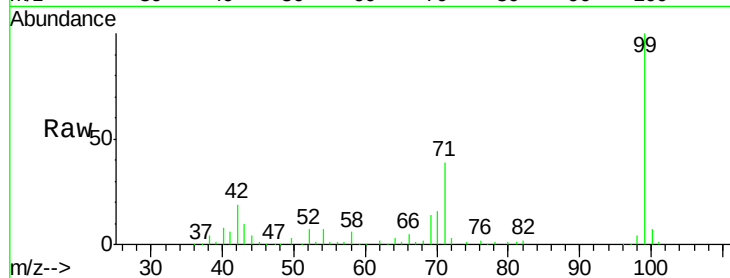
Tot Ion: 99 Resp: 357586

Ion Ratio Lower Upper

99 100

42 19.2 13.6 20.4

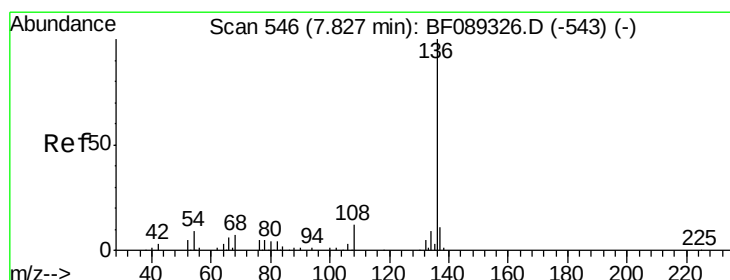
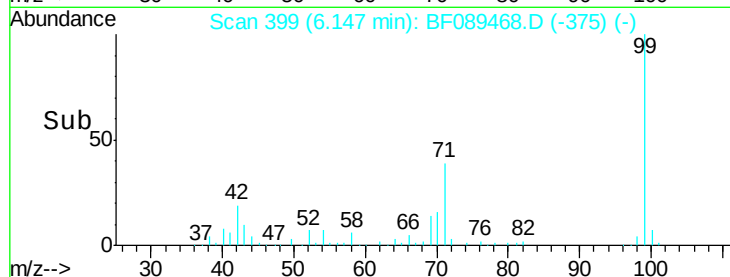
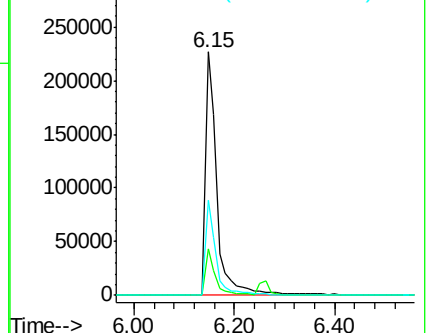
71 38.9 29.4 44.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

Tgt Ion: 136 Resp: 172918

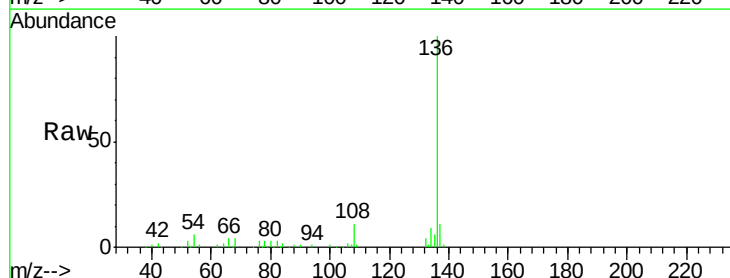
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.6 7.0 10.4#

68 4.5 4.9 7.3#

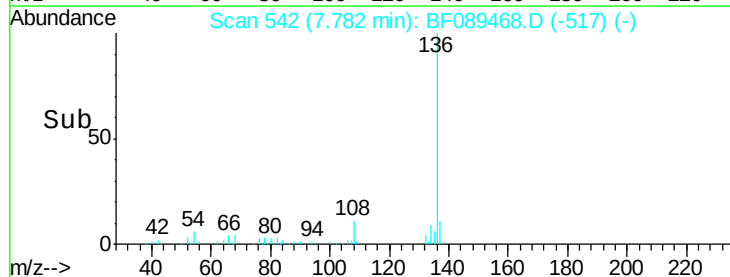
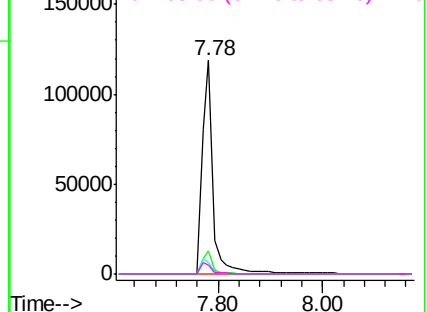


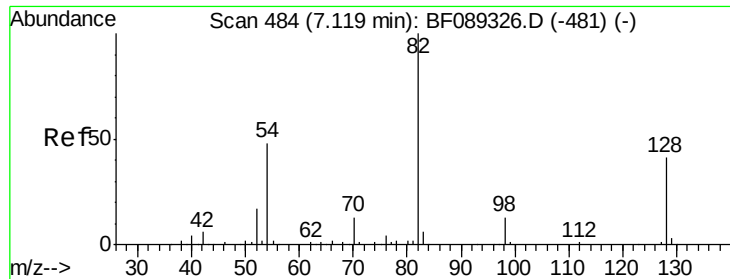
Abundance Ion 136.00 (135.70 to 136.70): E

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

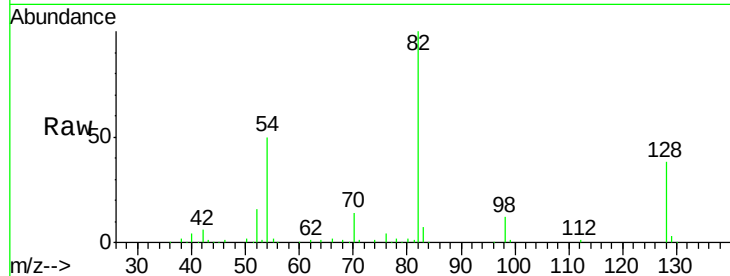




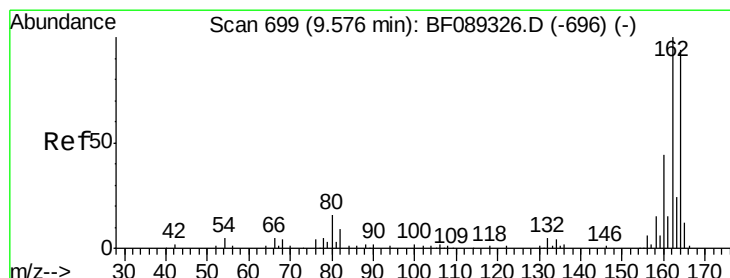
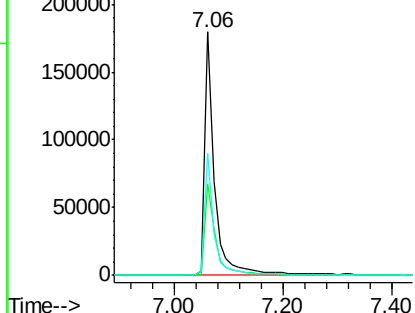
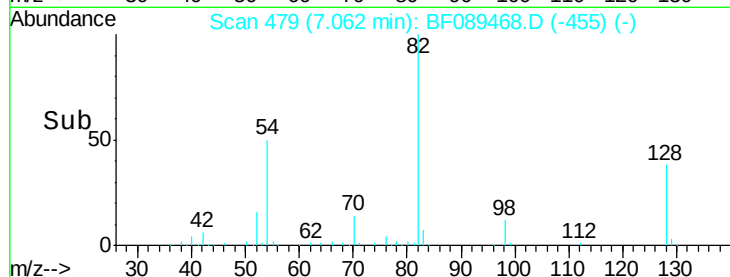
#23
 Nitrobenzene-d5
 Concen: 77.85 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.02 min
 Lab File: BF089468.D
 Acq: 31 Jul 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-38A-9-11

Tot Ion	82	Resp	228065
Ion Ratio	100	Lower	Upper
128	37.8	32.5	48.7
54	49.9	38.8	58.2

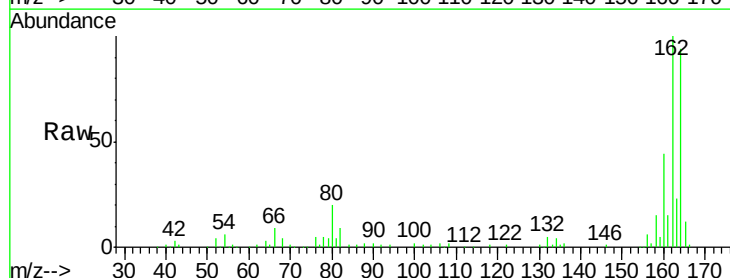


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

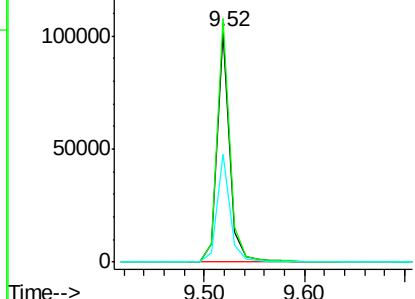
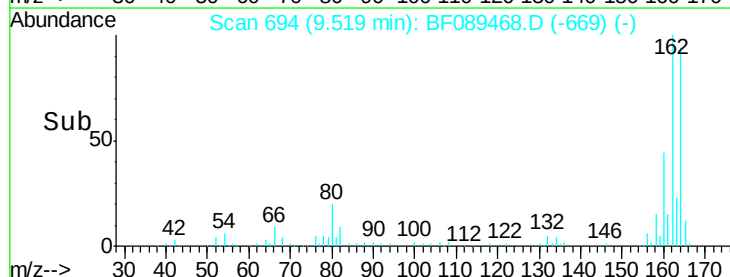


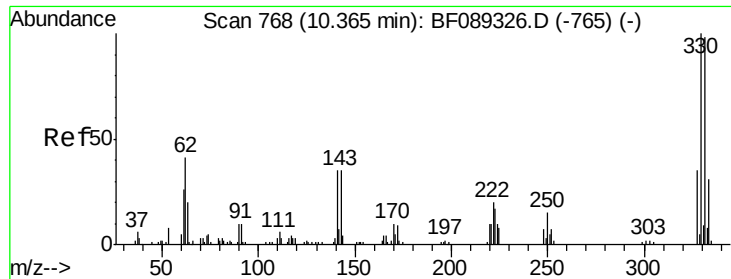
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF089468.D
 Acq: 31 Jul 2016 13:51

Tgt Ion	164	Resp	88070
Ion Ratio	100	Lower	Upper
162	106.0	83.7	125.5
160	47.0	37.8	56.6



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

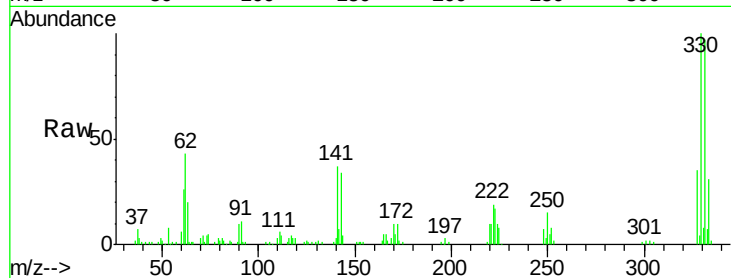




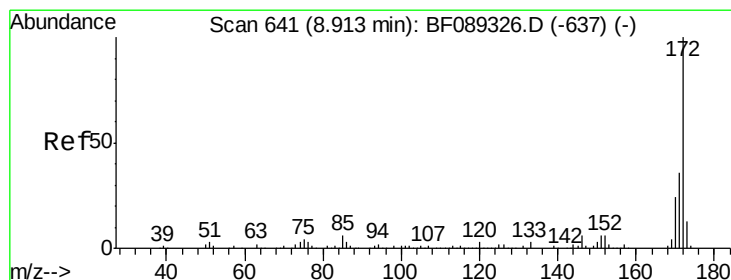
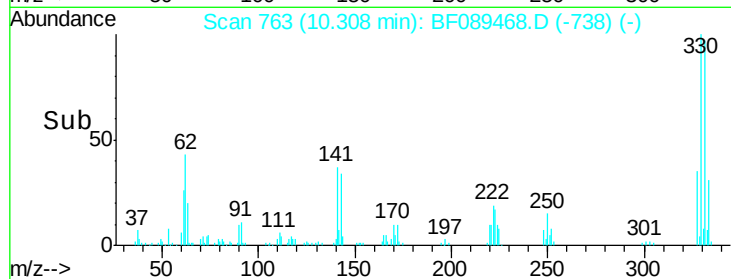
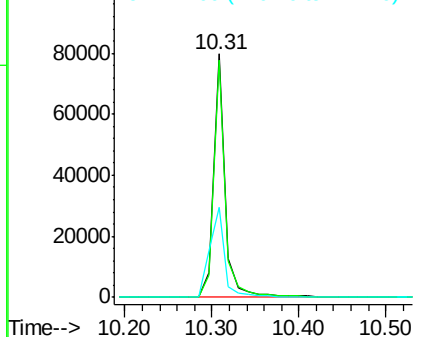
#41
 2,4,6-Tribromophenol
 Concen: 103.43 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF089468.D
 Acq: 31 Jul 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-38A-9-11

Tot Ion:330 Resp: 75440
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 46.9 37.3 55.9

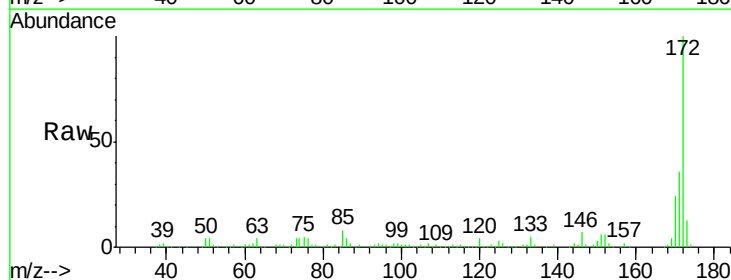


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

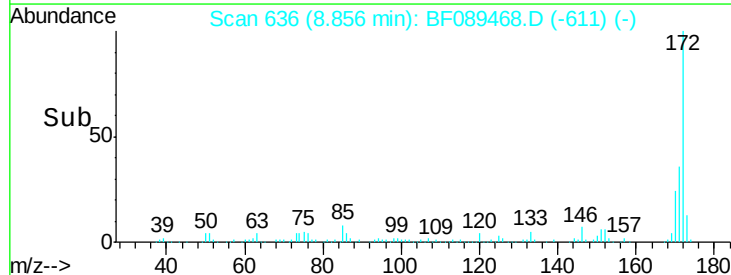
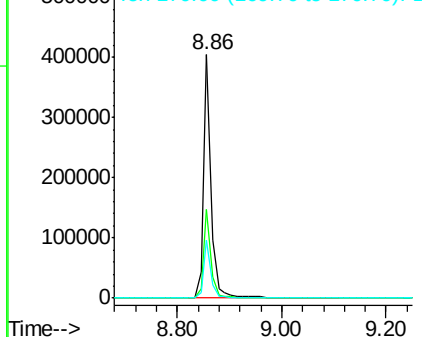


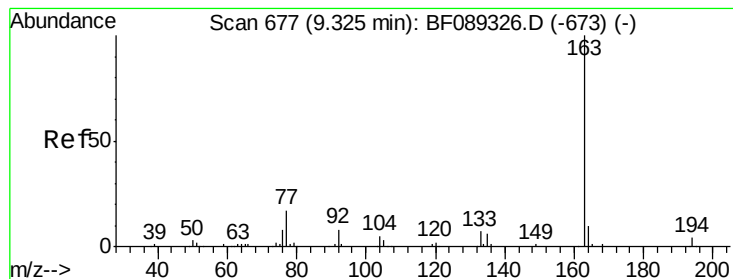
#44
 2-Fluorobiphenyl
 Concen: 68.59 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF089468.D
 Acq: 31 Jul 2016 13:51

Tgt Ion:172 Resp: 411630
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.6 19.2 28.8



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





#49

Dimethylphthalate

Concen: 9.71 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-38A-9-11

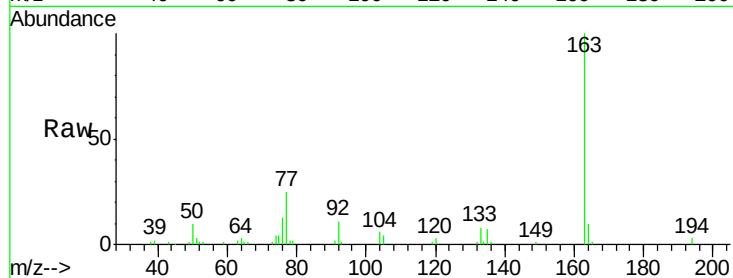
Tot Ion:163 Resp: 65107

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

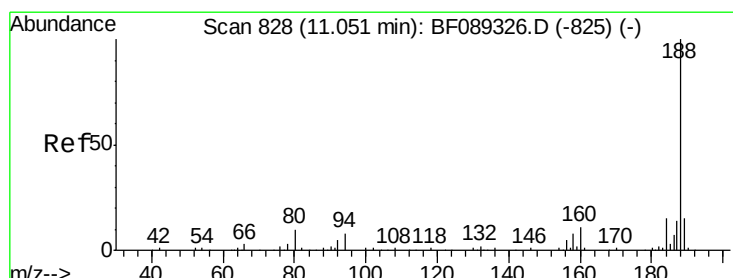
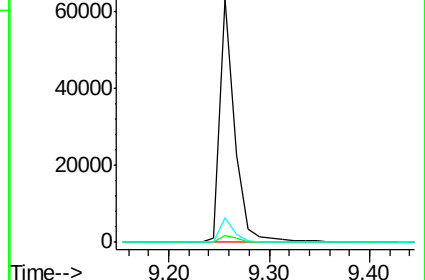
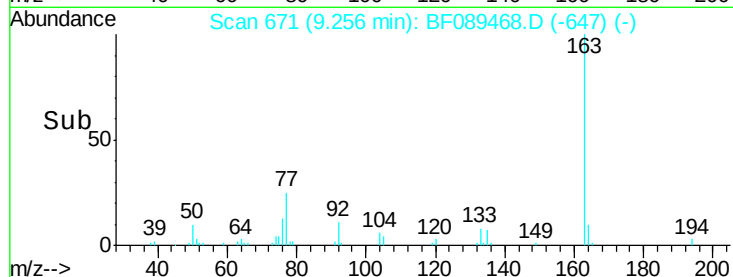
164 10.4 7.8 11.8



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: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

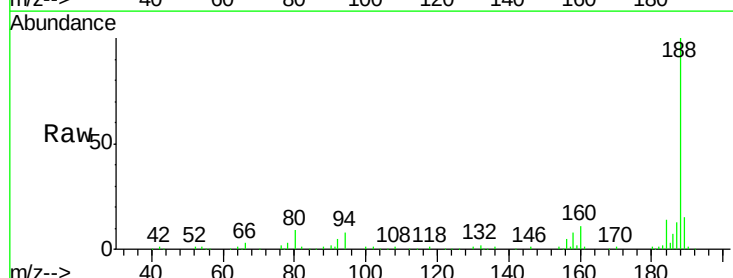
Tgt Ion:188 Resp: 159678

Ion Ratio Lower Upper

188 100

94 8.2 6.5 9.7

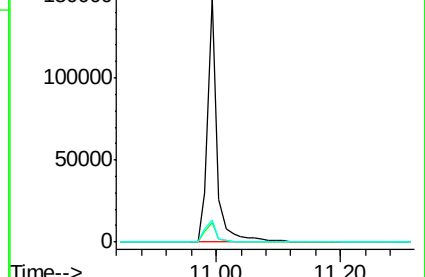
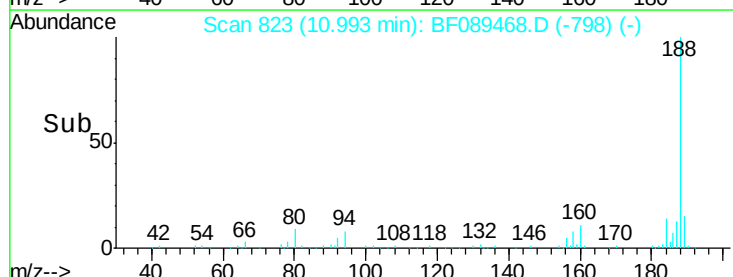
80 9.0 7.2 10.8

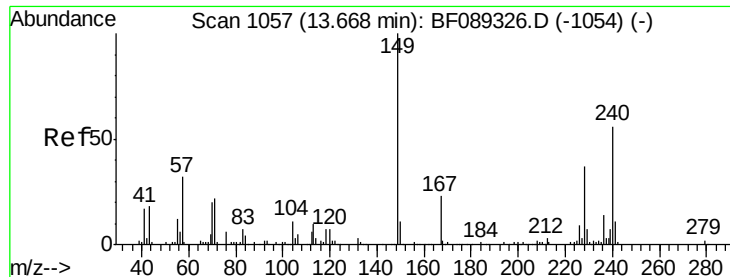


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-38A-9-11

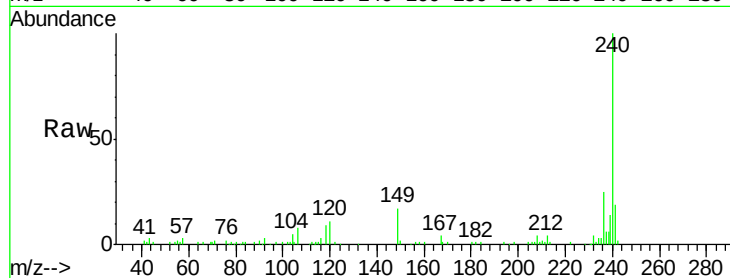
Tot Ion:240 Resp: 101609

Ion Ratio Lower Upper

240 100

120 10.6 9.1 13.7

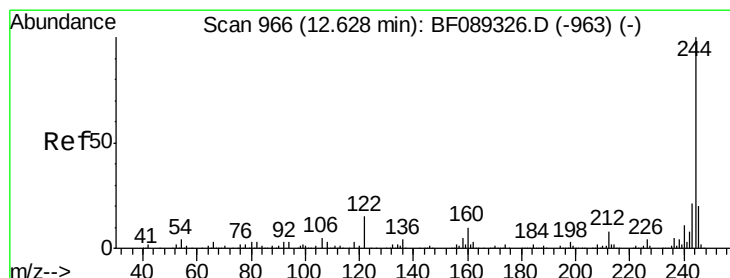
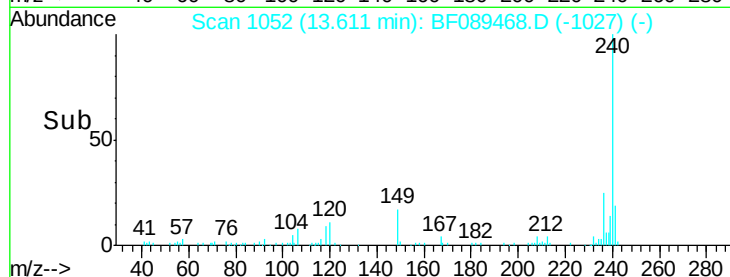
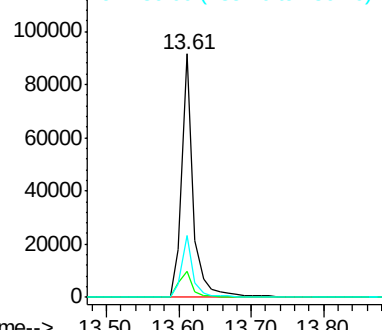
236 25.3 20.6 30.8



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: 78.71 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

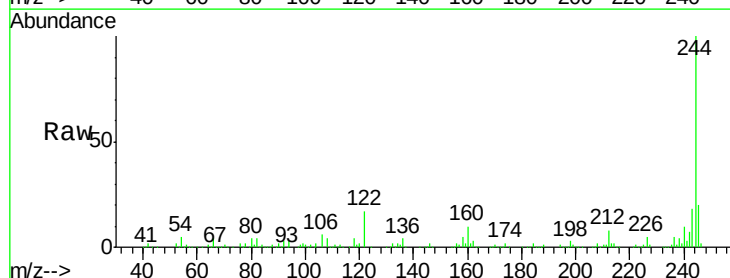
Tgt Ion:244 Resp: 341701

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

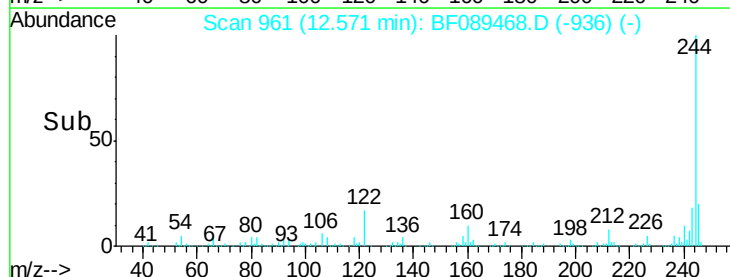
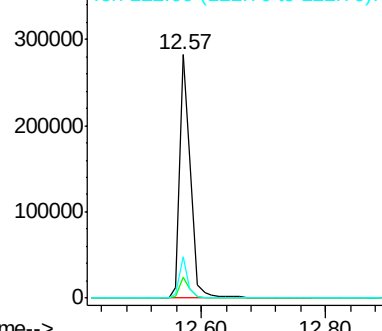
122 17.1 11.4 17.0#

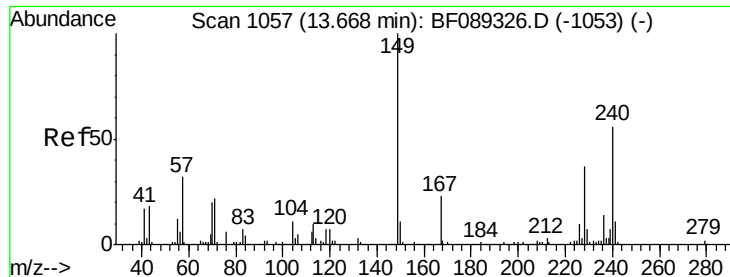


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.04 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

Instrument :

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LOCATION-38A-9-11

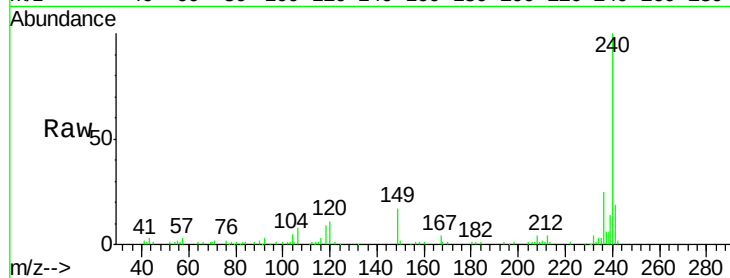
Tot Ion:149 Resp: 25498

Ion Ratio Lower Upper

149 100

167 25.2 18.8 28.2

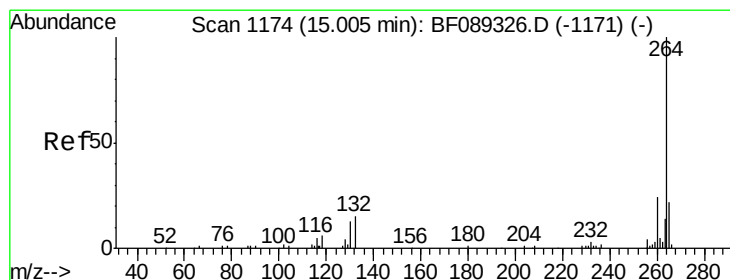
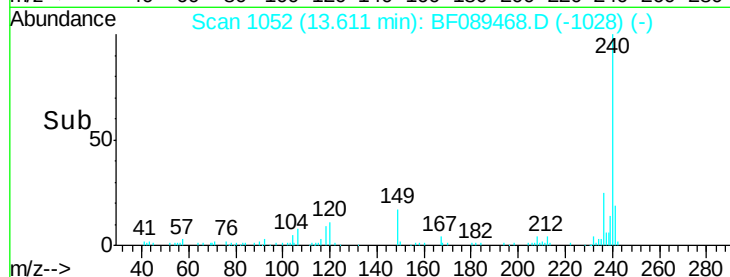
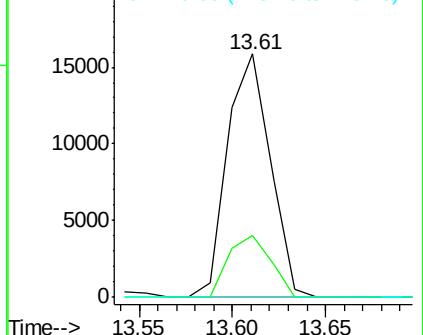
279 0.0 1.4 2.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.94 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF089468.D

Acq: 31 Jul 2016 13:51

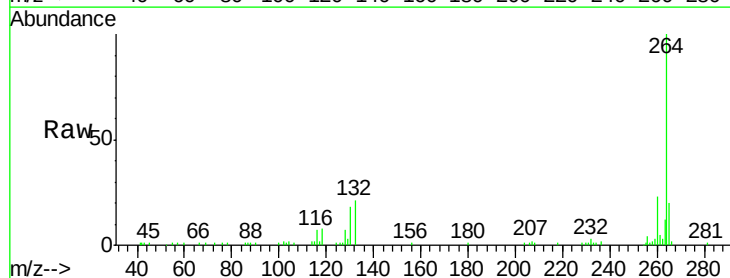
Tgt Ion:264 Resp: 77977

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 20.2 17.5 26.3



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

