

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
 Data File : BF090308.D
 Acq On : 30 Sep 2016 1:37
 Operator : UM/SJ
 Sample : H5015-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4

Quant Time: Sep 30 02:16:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

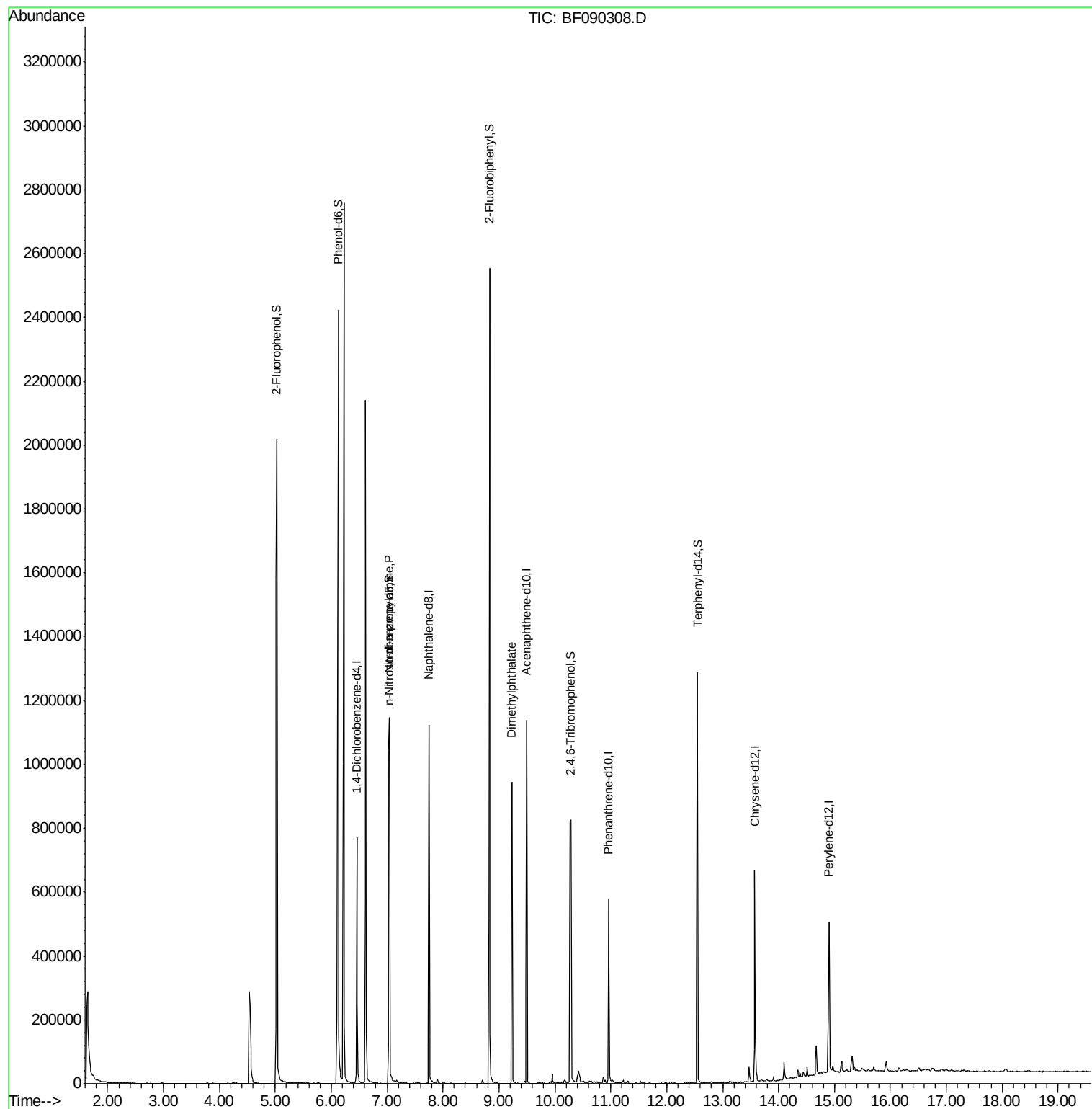
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	132638	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	507841	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	254200	20.00	ng	-0.01
63) Phenanthrene-d10	10.96	188	296810	20.00	ng	-0.02
75) Chrysene-d12	13.58	240	239158	20.00	ng	-0.02
86) Perylene-d12	14.90	264	187679	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	901636	110.80	ng	0.00
7) Phenol-d6	6.12	99	1207319	120.14	ng	-0.01
23) Nitrobenzene-d5	7.04	82	641756	73.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	175607	80.52	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	785365	60.65	ng	-0.02
78) Terphenyl-d14	12.55	244	395213	41.95	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.03	70	72277	12.24	ng	Qvalue # 80
49) Dimethylphthalate	9.23	163	371789	22.96	ng	99

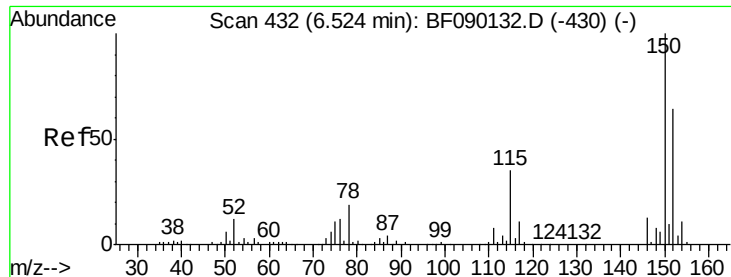
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF090308.D

Acq: 30 Sep 2016 1:37

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4

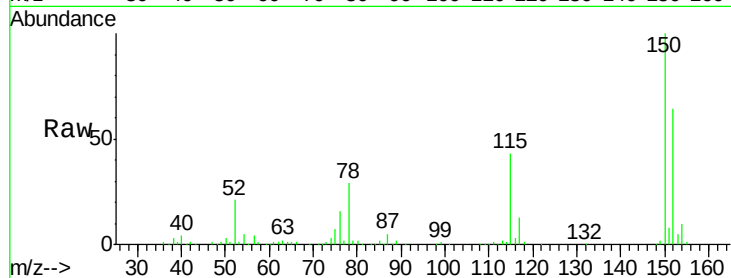
Tgt Ion:152 Resp: 132638

Ion Ratio Lower Upper

152 100

150 156.0 128.9 193.3

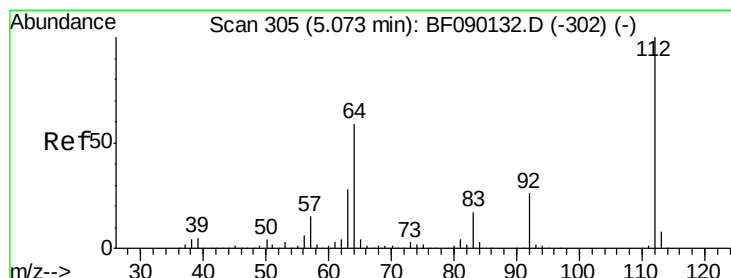
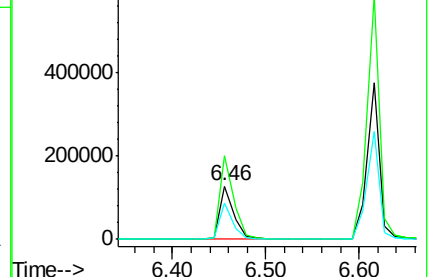
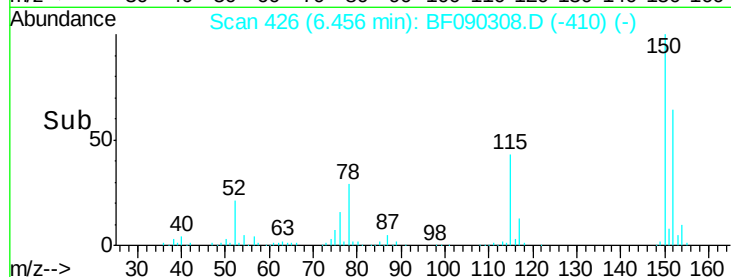
115 67.5 55.5 83.3



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: 110.80 ng

RT: 5.03 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF090308.D

Acq: 30 Sep 2016 1:37

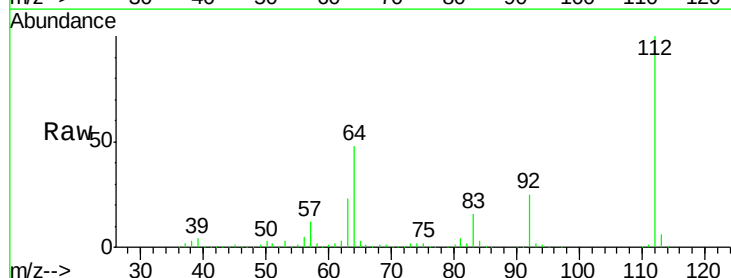
Tgt Ion:112 Resp: 901636

Ion Ratio Lower Upper

112 100

64 48.0 39.8 59.6

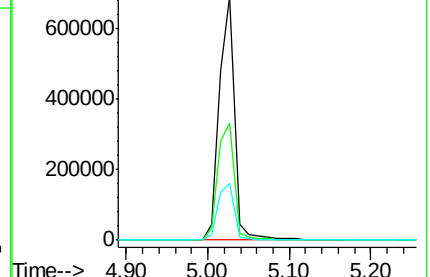
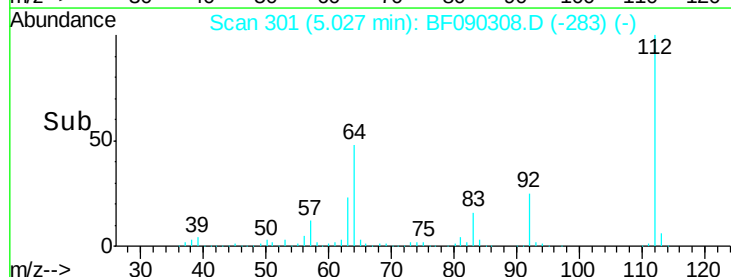
63 23.2 18.9 28.3

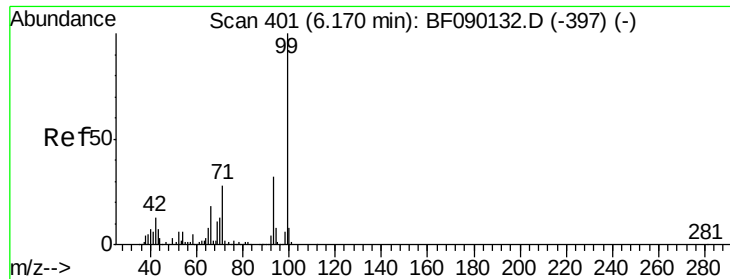


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.14 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090308.D

Acq: 30 Sep 2016 1:37

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4

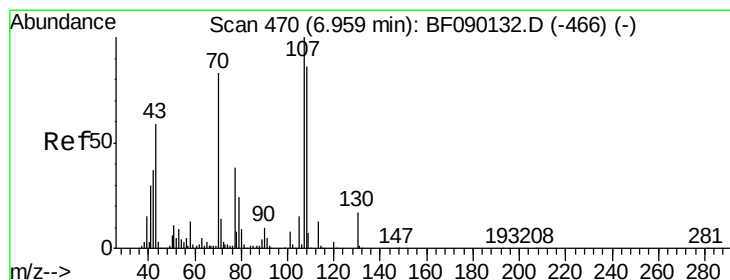
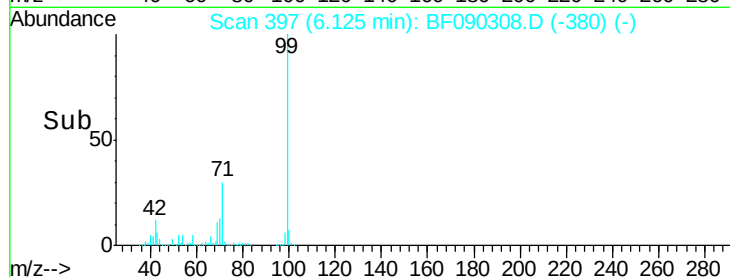
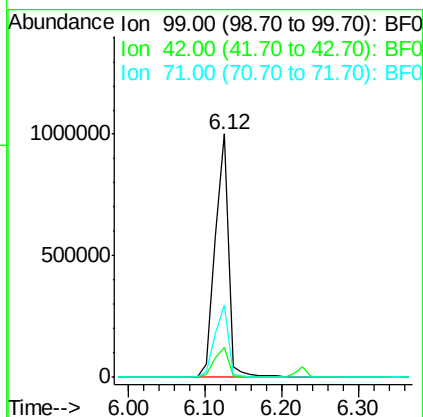
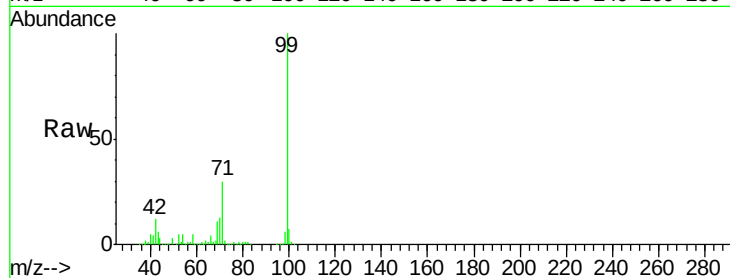
Tgt Ion: 99 Resp: 1207319

Ion Ratio Lower Upper

99 100

42 12.5 10.6 15.8

71 29.7 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.24 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.11 min

Lab File: BF090308.D

Acq: 30 Sep 2016 1:37

Tgt Ion: 70 Resp: 72277

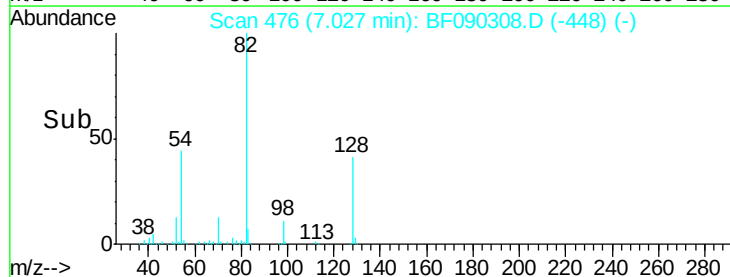
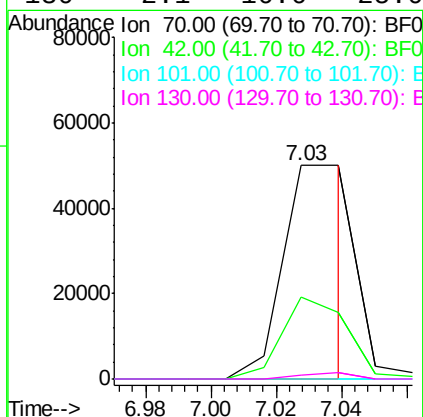
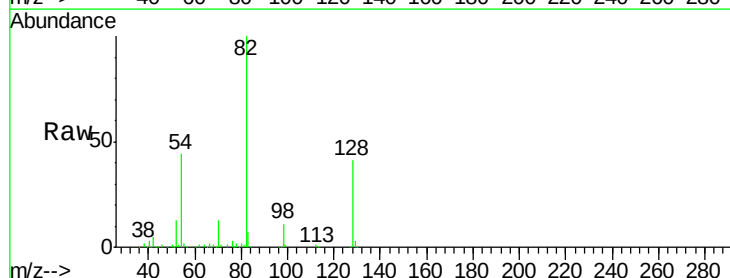
Ion Ratio Lower Upper

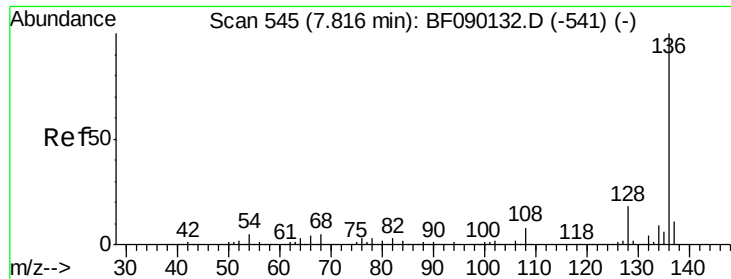
70 100

42 38.1 35.1 52.7

101 0.0 7.5 11.3#

130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF090308.D

Acq: 30 Sep 2016 1:37

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4

Tgt Ion: 136 Resp: 507841

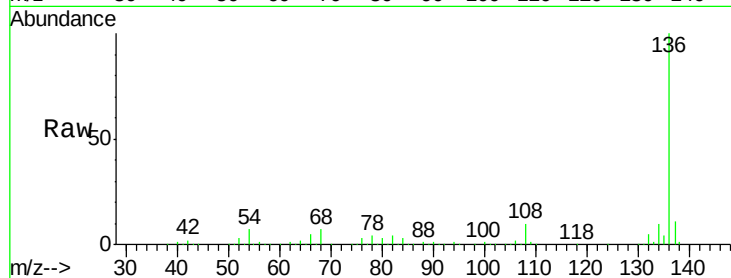
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.4 6.4 9.6

68 7.0 6.3 9.5

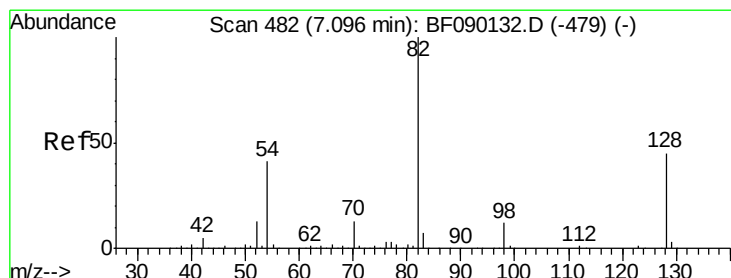
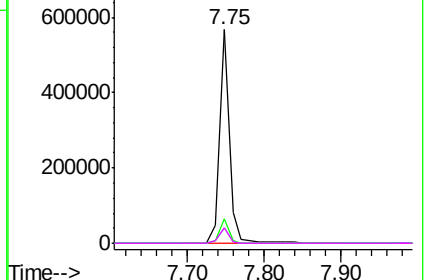
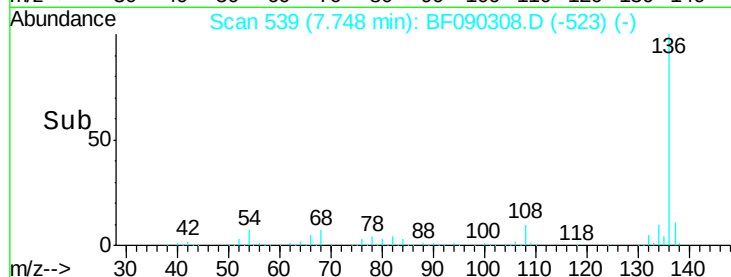


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 73.25 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF090308.D

Acq: 30 Sep 2016 1:37

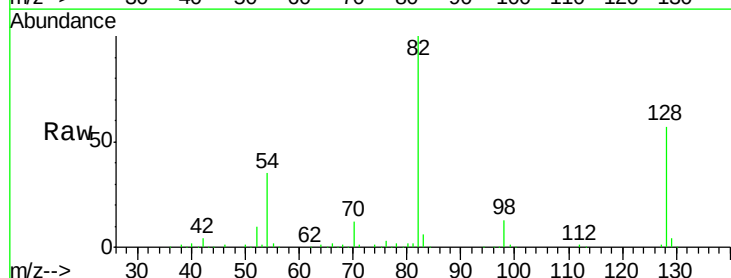
Tgt Ion: 82 Resp: 641756

Ion Ratio Lower Upper

82 100

128 56.7 37.5 56.3#

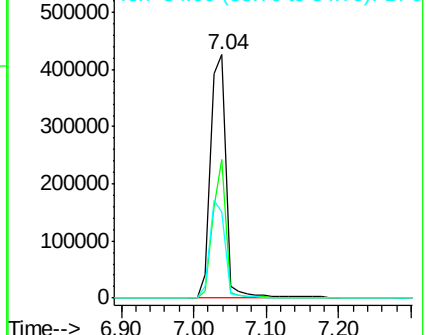
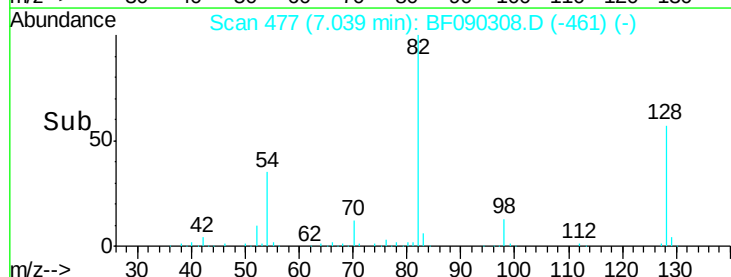
54 35.3 31.9 47.9

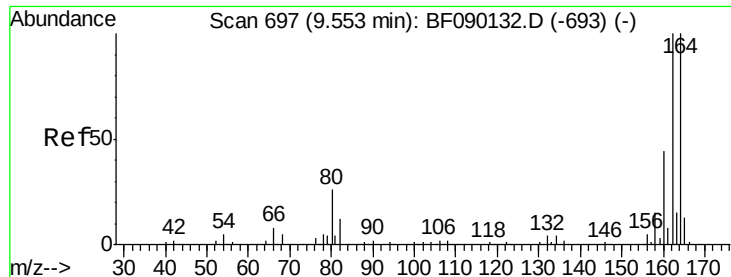


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF090308.D

Acq: 30 Sep 2016 1:37

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4

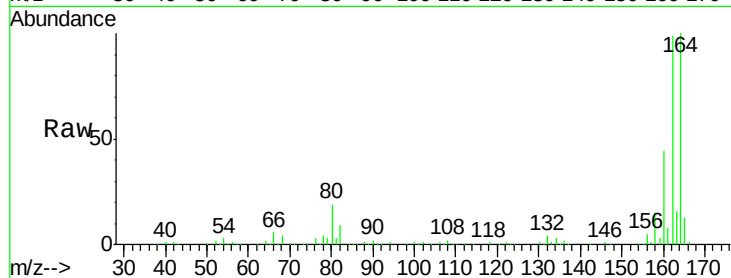
Tgt Ion:164 Resp: 254200

Ion Ratio Lower Upper

164 100

162 98.6 81.4 122.2

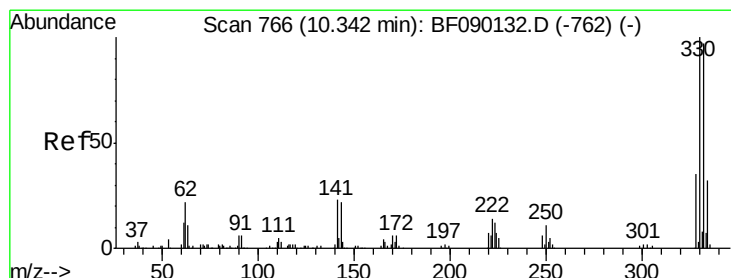
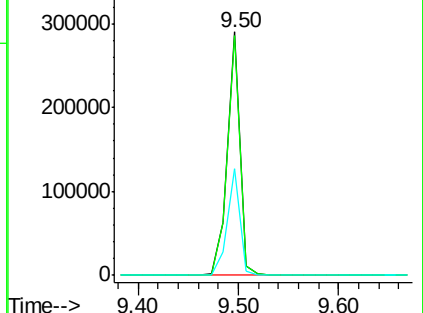
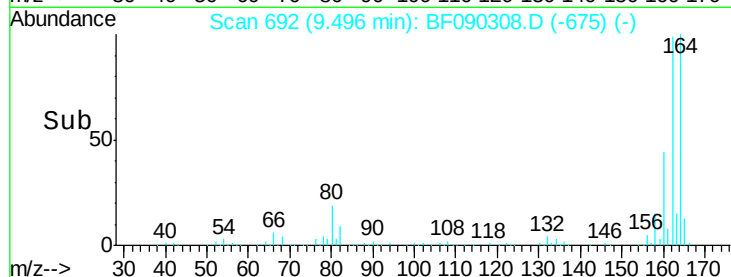
160 43.7 36.6 54.8



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: 80.52 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF090308.D

Acq: 30 Sep 2016 1:37

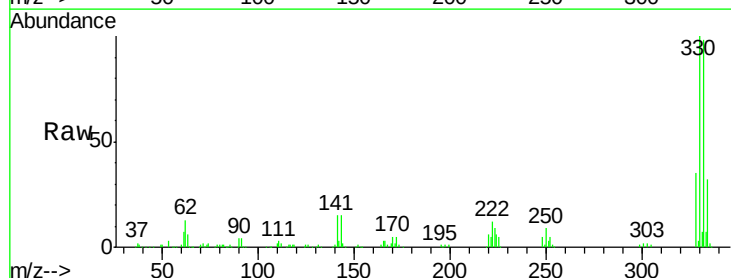
Tgt Ion:330 Resp: 175607

Ion Ratio Lower Upper

330 100

332 97.4 78.1 117.1

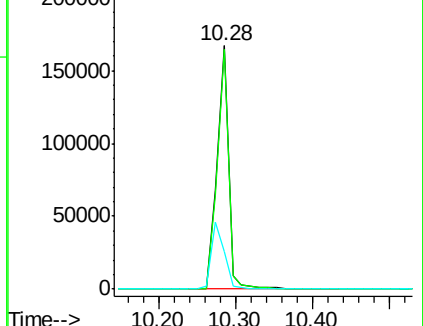
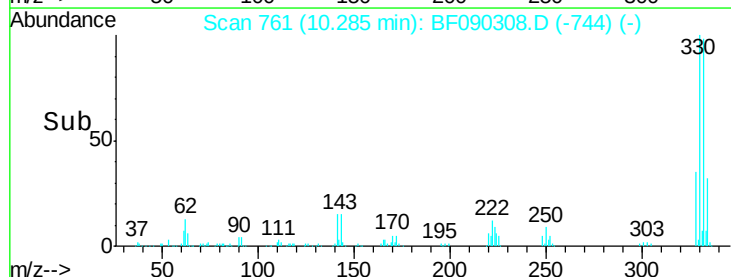
141 30.2 23.9 35.9

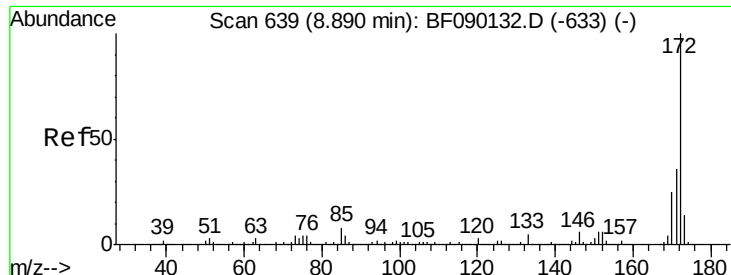


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

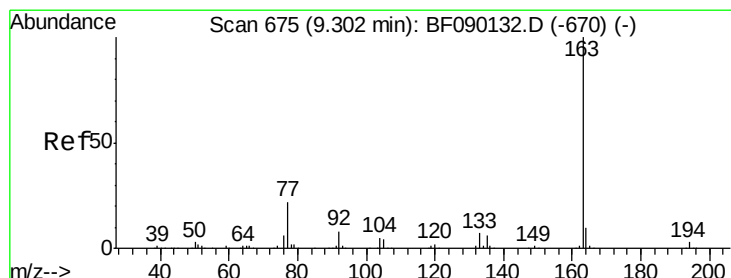
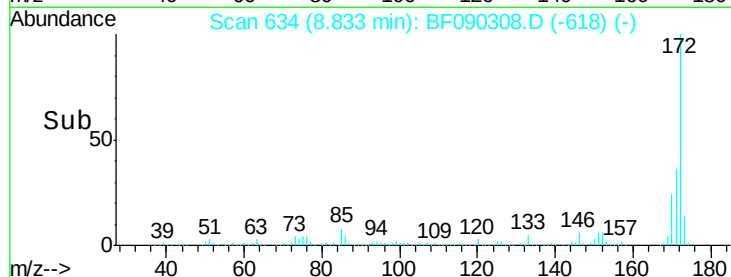
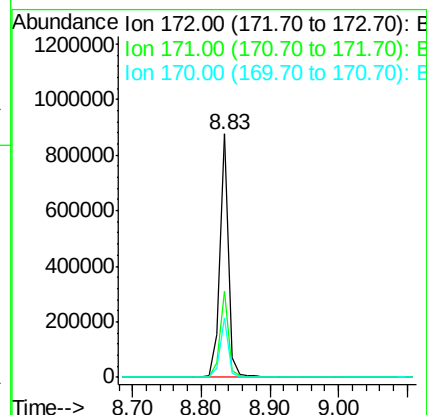
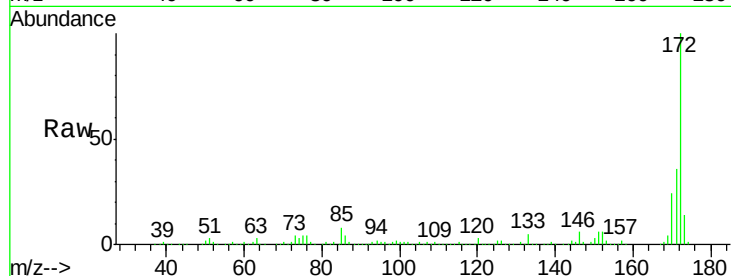




#44
 2-Fluorobiphenyl
 Concen: 60.65 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF090308.D
 Acq: 30 Sep 2016 1:37

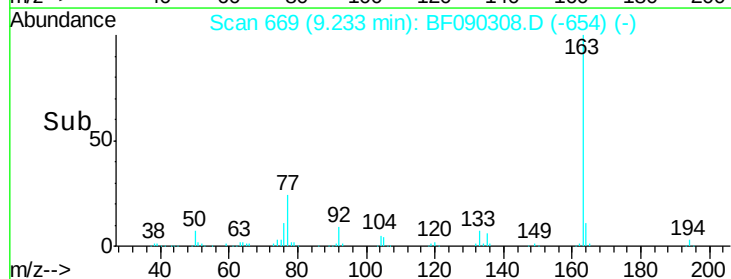
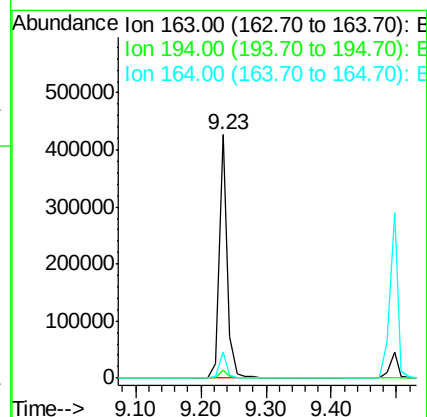
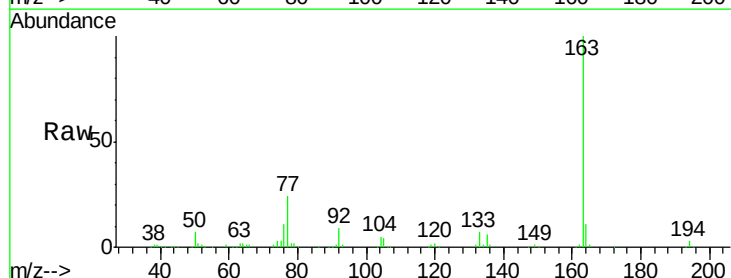
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4

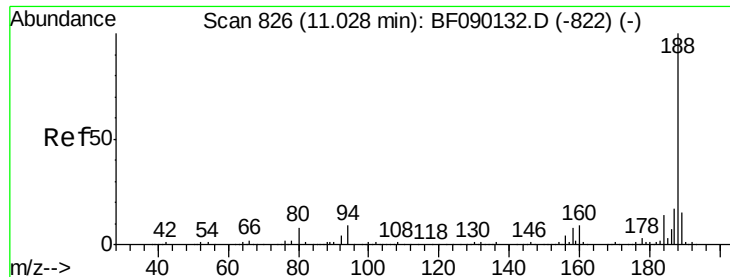
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	24.1	19.8	29.8



#49
 Dimethylphthalate
 Concen: 22.96 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF090308.D
 Acq: 30 Sep 2016 1:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.7	8.1	12.1

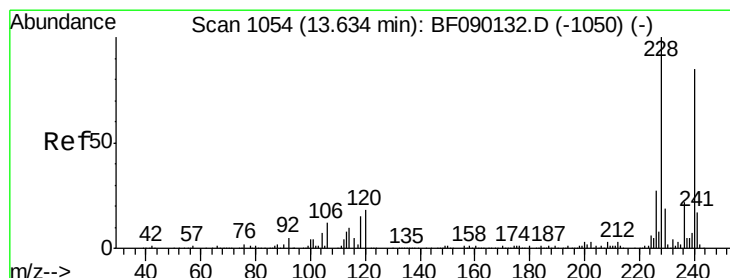
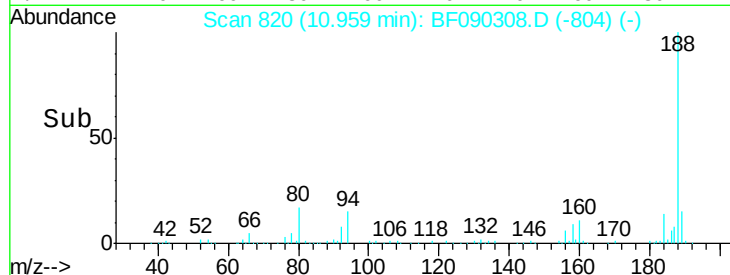
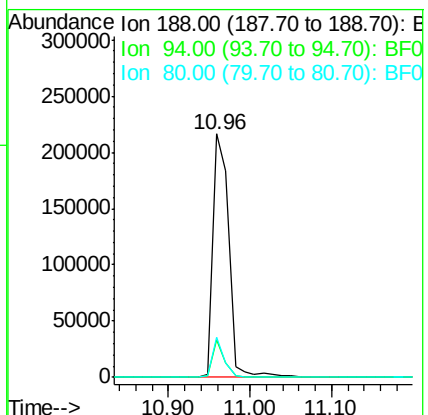
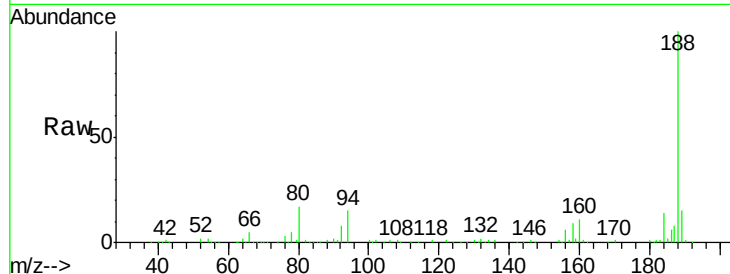




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF090308.D
Acq: 30 Sep 2016 1:37

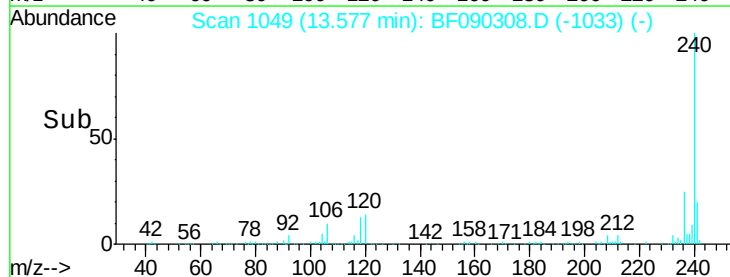
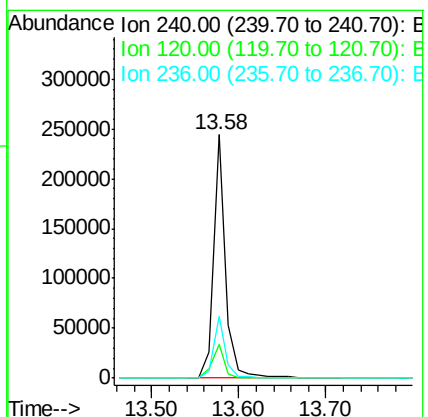
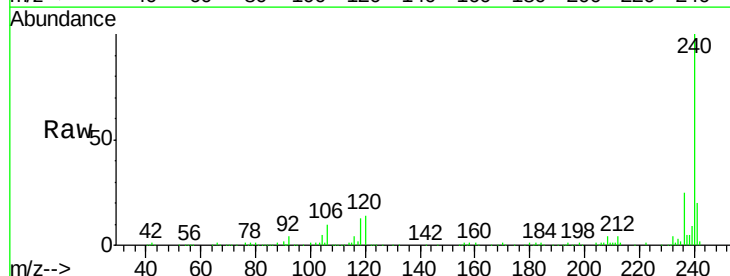
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4

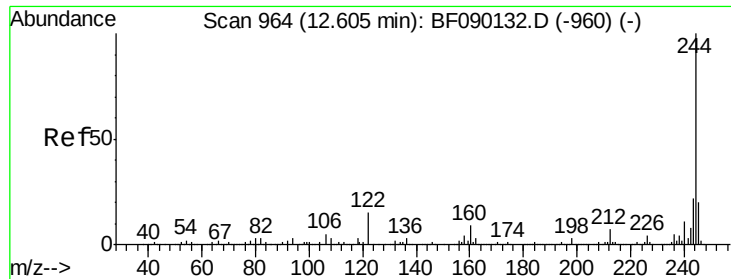
Tgt Ion	Ratio	Lower	Upper
188	100		
94	15.4	10.5	15.7
80	16.6	11.2	16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090308.D
Acq: 30 Sep 2016 1:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	10.6	16.0
236	25.2	21.6	32.4





#78

Terphenyl-d14

Concen: 41.95 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF090308.D

Acq: 30 Sep 2016 1:37

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4

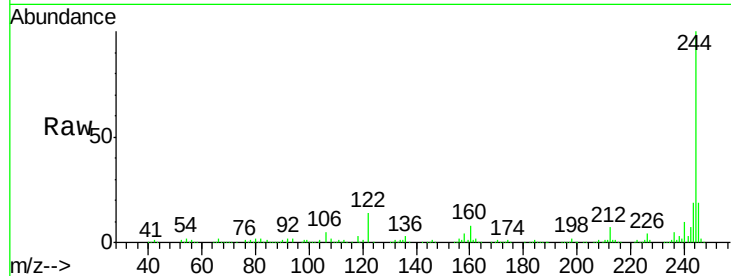
Tgt Ion:244 Resp: 395213

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

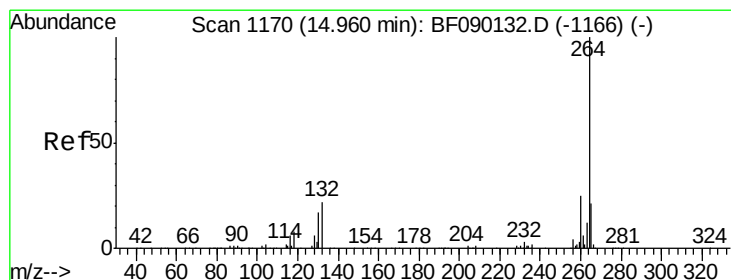
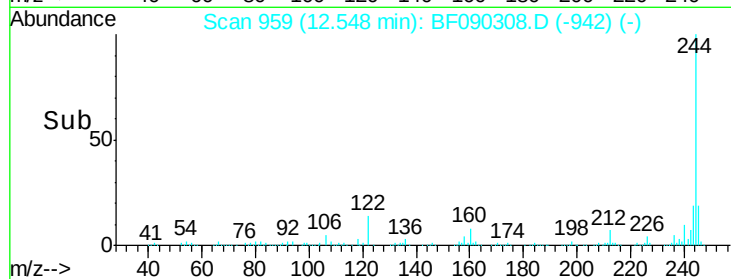
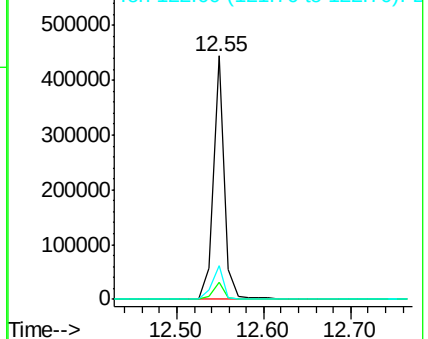
122 13.8 9.4 14.0



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: 14.90 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF090308.D

Acq: 30 Sep 2016 1:37

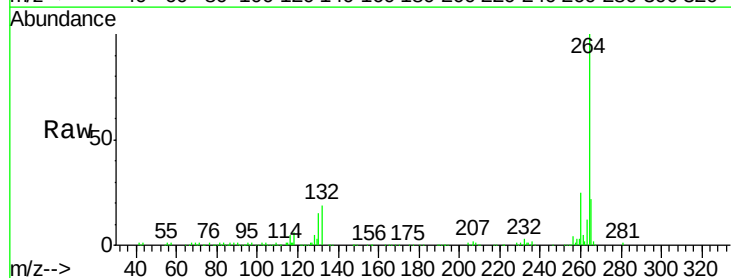
Tgt Ion:264 Resp: 187679

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.7 17.0 25.4



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

