

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101816\
 Data File : BF090627.D
 Acq On : 18 Oct 2016 14:32
 Operator : UM/SJ
 Sample : PB94148BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BL

Quant Time: Oct 19 01:04:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

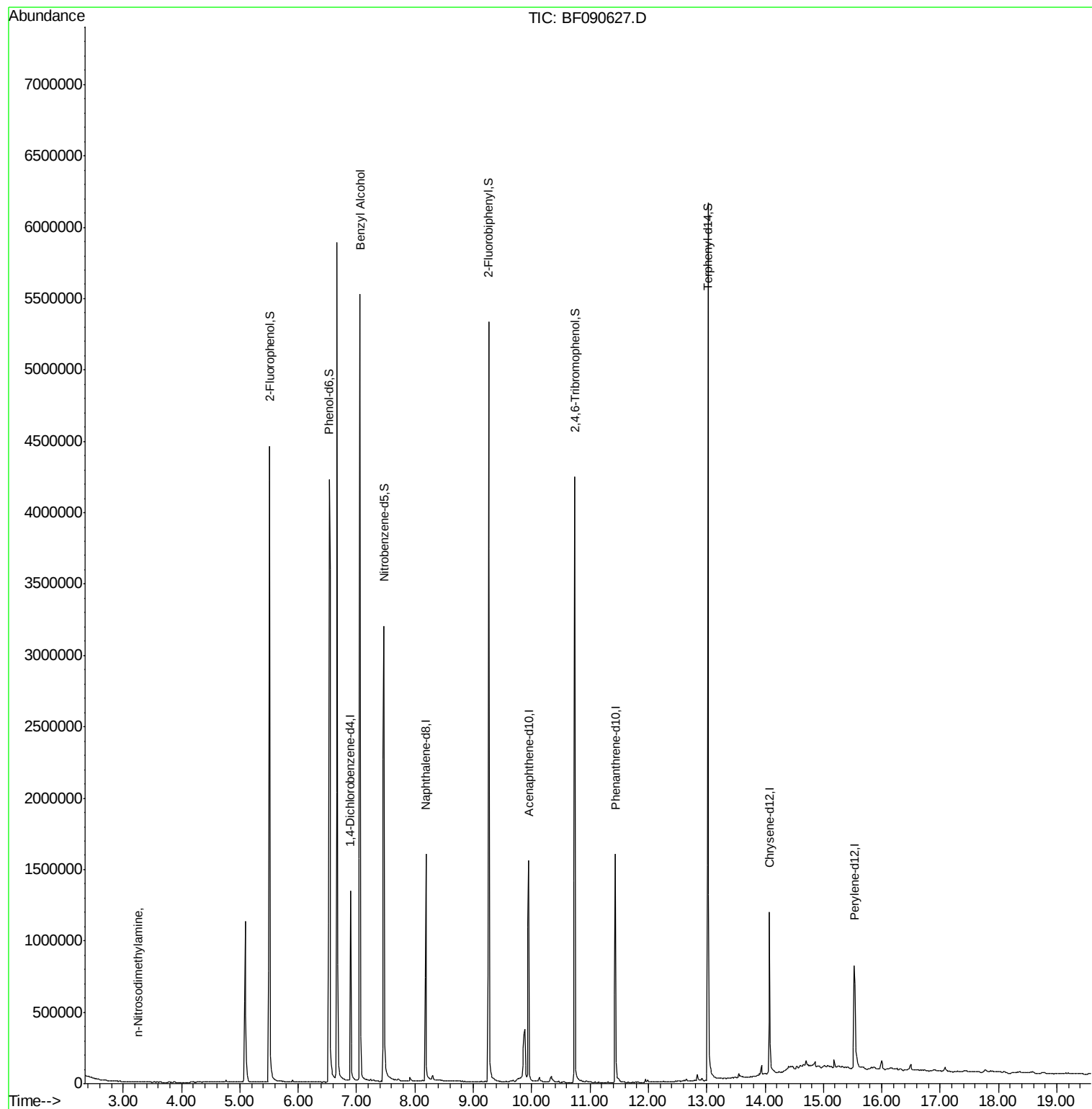
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	198366	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	833223	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	422249	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	663486	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	441021	20.00	ng	-0.01
86) Perylene-d12	15.53	264	379219	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1923119	177.73	ng	0.00
7) Phenol-d6	6.53	99	2447750	152.24	ng	-0.01
23) Nitrobenzene-d5	7.47	82	1598237	106.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	517768	137.54	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2340226	91.32	ng	-0.01
78) Terphenyl-d14	13.02	244	2118375	111.84	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.25	42	1321	7.40	ng	# 1
15) Benzyl Alcohol	7.06	79	26552	2.42	ng	# 49

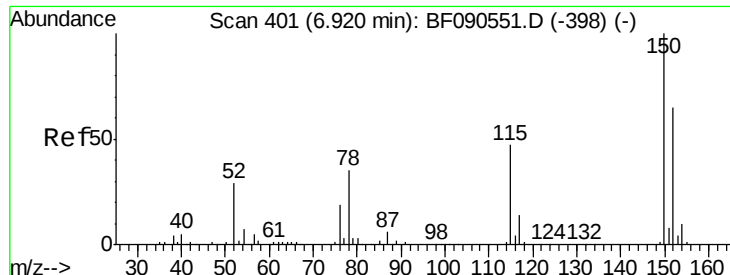
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF090627.D

Acq: 18 Oct 2016 14:32

Instrument :

BNA_F

ClientSampleId :

PB94148BL

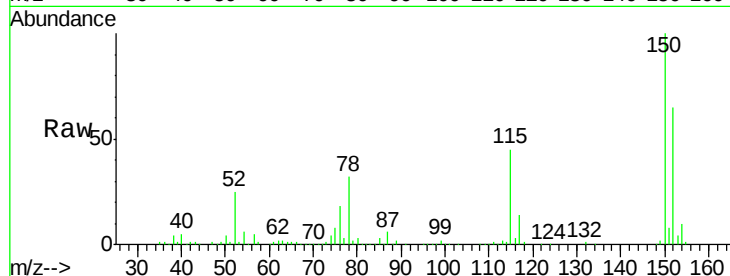
Tgt Ion:152 Resp: 198366

Ion Ratio Lower Upper

152 100

150 154.9 127.2 190.8

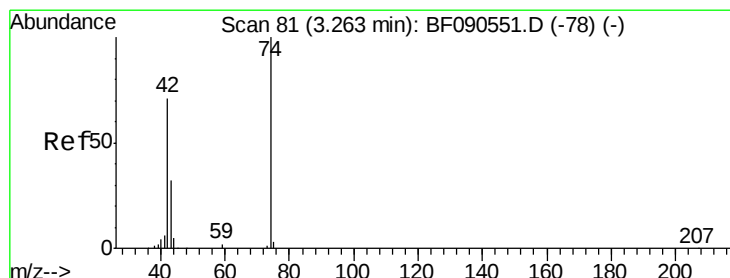
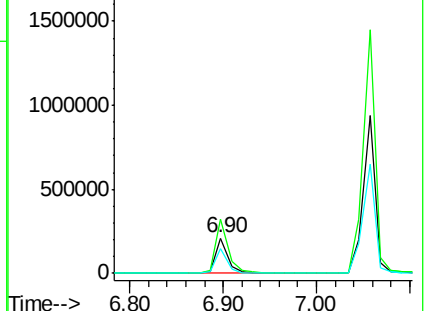
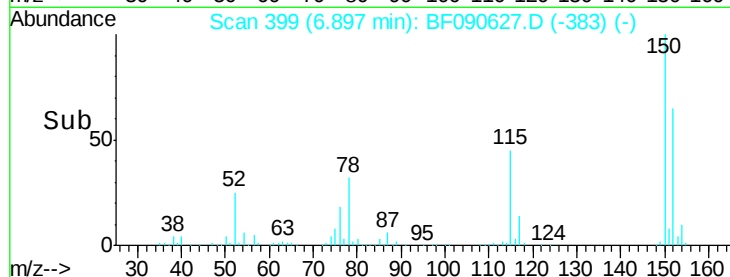
115 69.0 58.6 88.0



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



#4

n-Nitrosodimethylamine

Concen: 7.40 ng

RT: 3.25 min Scan# 80

Delta R.T. 0.02 min

Lab File: BF090627.D

Acq: 18 Oct 2016 14:32

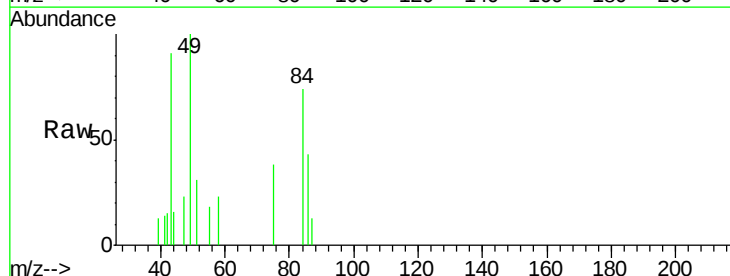
Tgt Ion: 42 Resp: 1321

Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

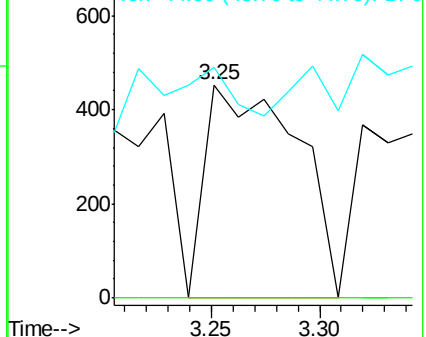
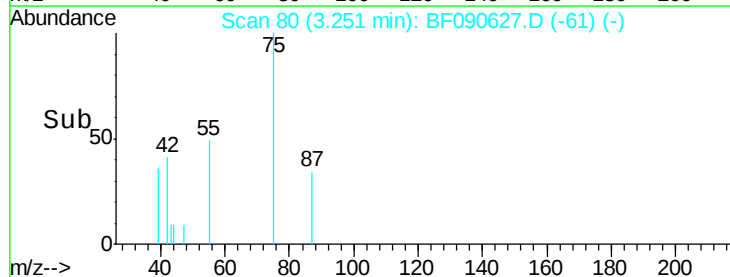
44 108.2 6.0 9.0#

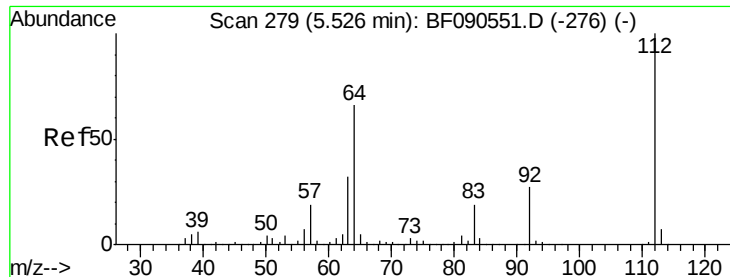


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 177.73 ng

RT: 5.51 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF090627.D

Acq: 18 Oct 2016 14:32

Instrument :

BNA_F

ClientSampleId :

PB94148BL

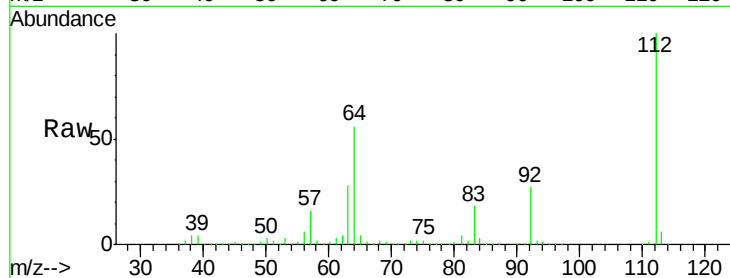
Tgt Ion: 112 Resp: 1923119

Ion Ratio Lower Upper

112 100

64 56.3 52.6 78.8

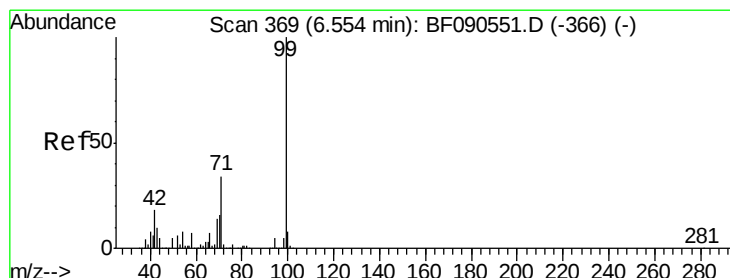
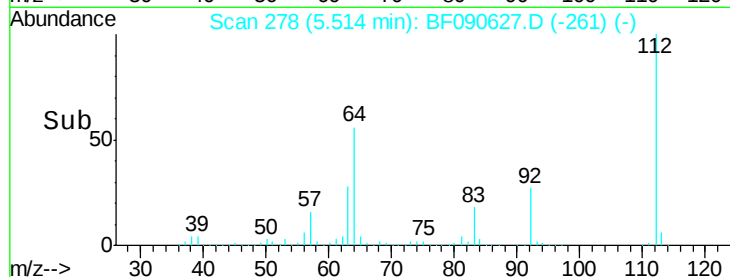
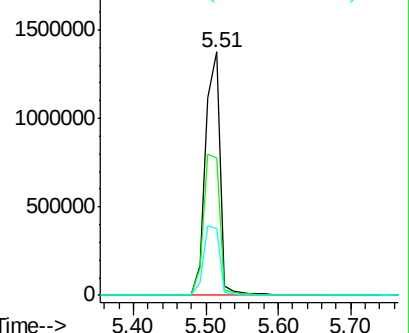
63 27.7 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 152.24 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090627.D

Acq: 18 Oct 2016 14:32

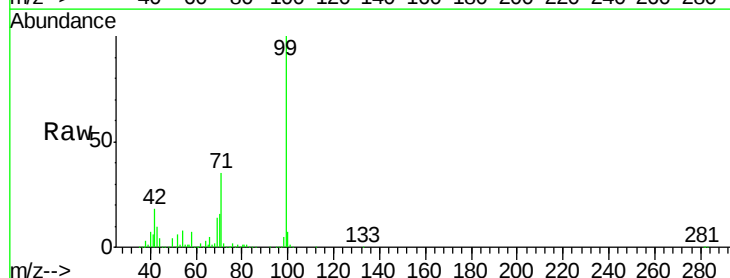
Tgt Ion: 99 Resp: 2447750

Ion Ratio Lower Upper

99 100

42 18.0 14.7 22.1

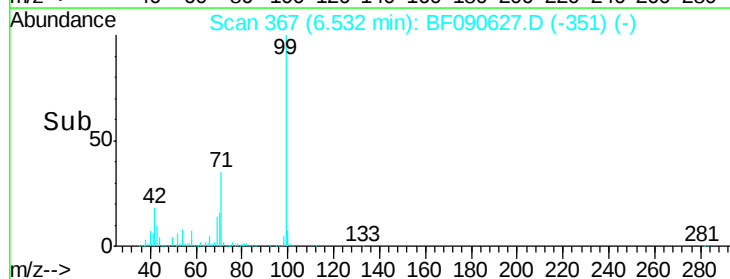
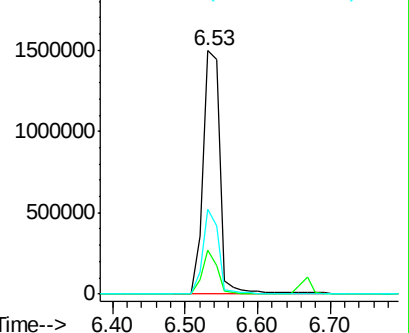
71 35.1 27.6 41.4

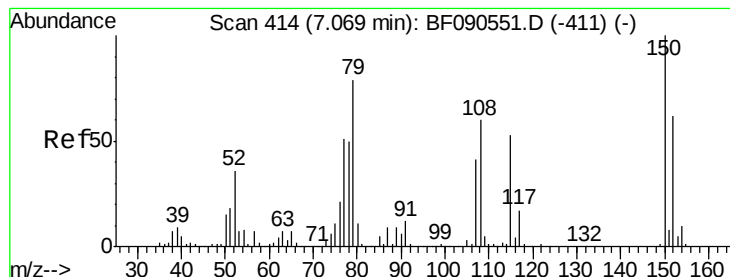


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.42 ng

RT: 7.06 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF090627.D

Acq: 18 Oct 2016 14:32

Instrument :

BNA_F

ClientSampleId :

PB94148BL

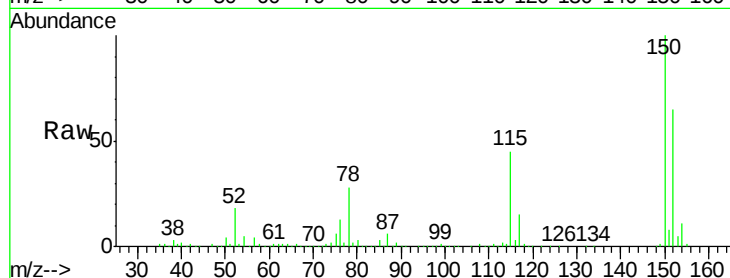
Tgt Ion: 79 Resp: 26552

Ion Ratio Lower Upper

79 100

108 30.4 60.2 90.4#

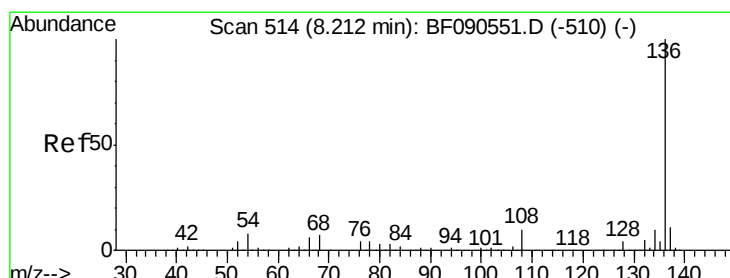
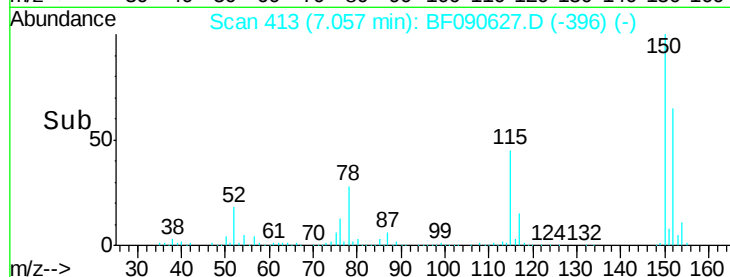
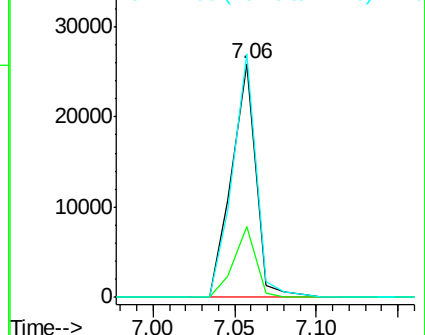
77 104.3 52.0 78.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF090627.D

Acq: 18 Oct 2016 14:32

Tgt Ion: 136 Resp: 833223

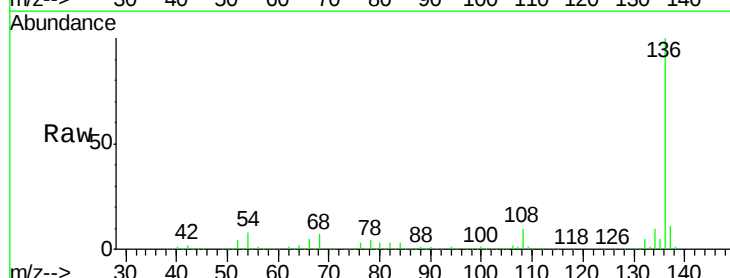
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.7 6.8 10.2

68 6.8 6.0 9.0

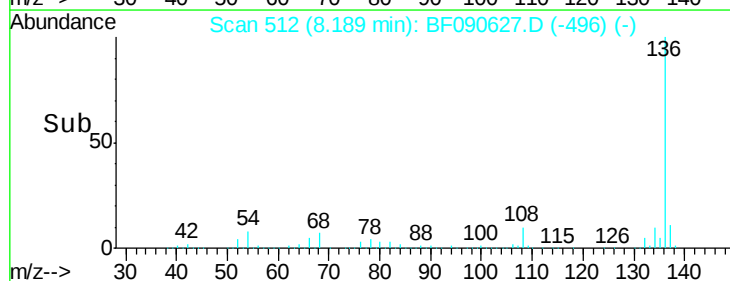
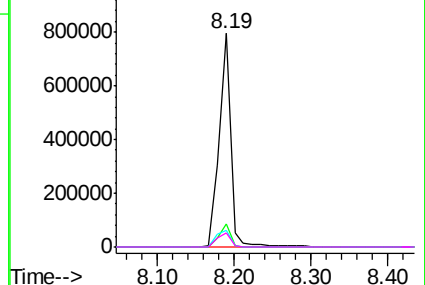


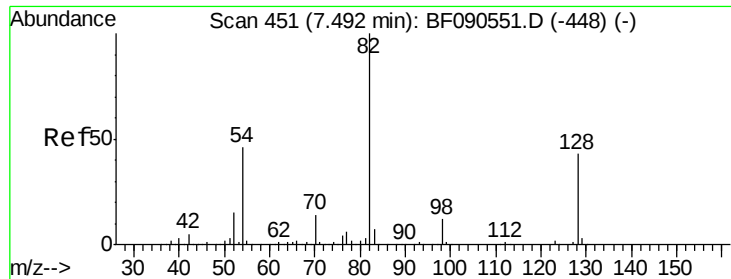
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

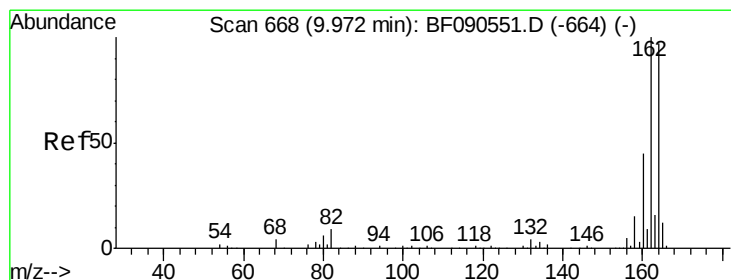
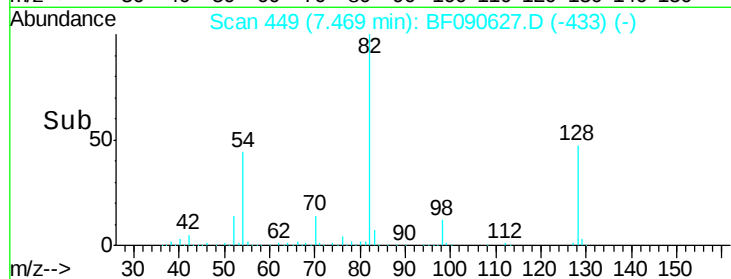
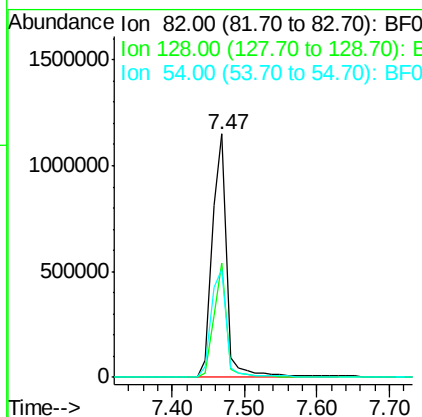
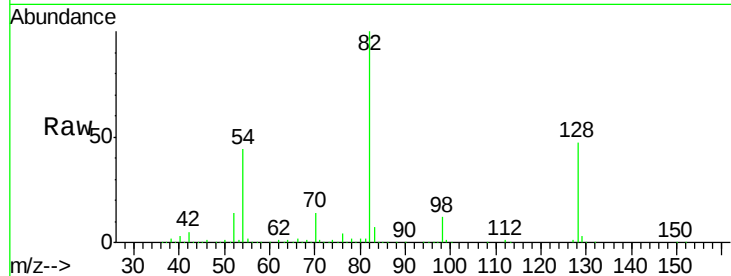




#23
 Nitrobenzene-d5
 Concen: 106.55 ng
 RT: 7.47 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090627.D
 Acq: 18 Oct 2016 14:32

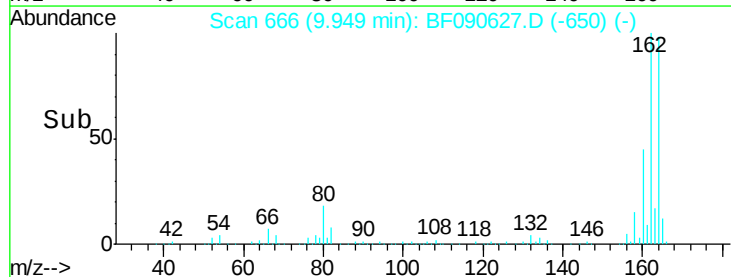
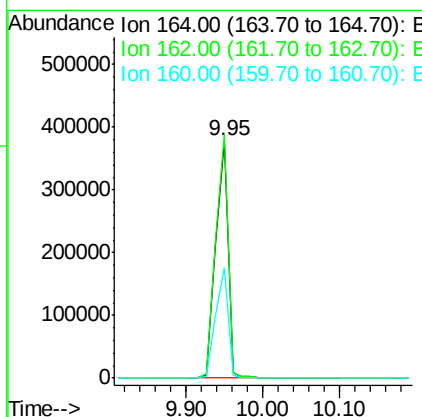
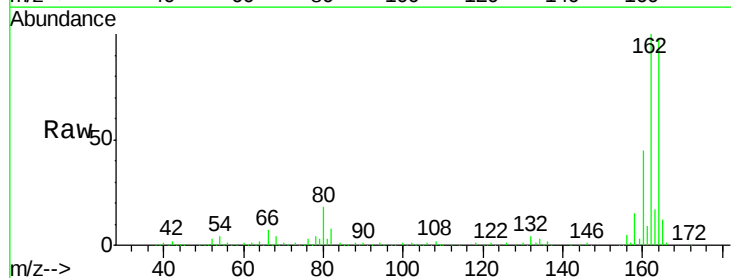
Instrument :
 BNA_F
 ClientSampleId :
 PB94148BL

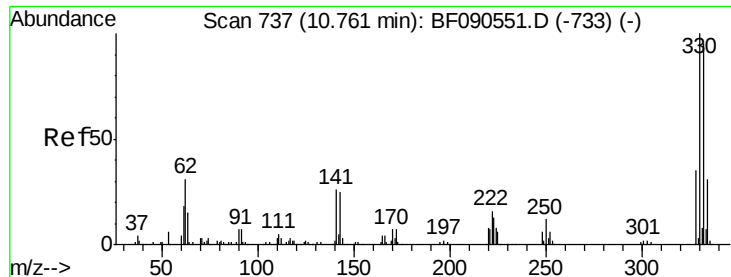
Tgt Ion: 82 Resp: 1598237
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.3 51.5
 54 44.4 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF090627.D
 Acq: 18 Oct 2016 14:32

Tgt Ion: 164 Resp: 422249
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.2 123.4
 160 46.3 36.6 55.0

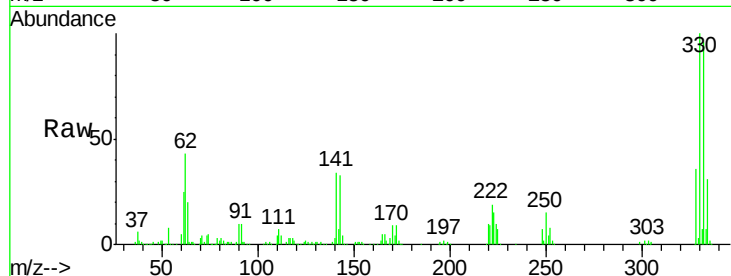




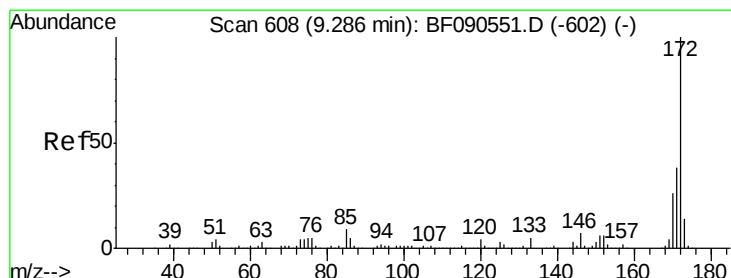
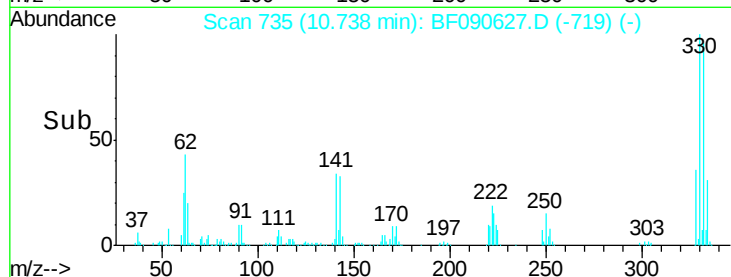
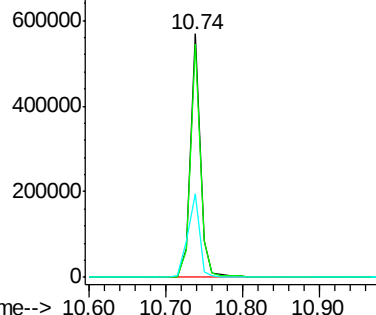
#41
 2,4,6-Tribromophenol
 Concen: 137.54 ng
 RT: 10.74 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF090627.D
 Acq: 18 Oct 2016 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BL

Tgt Ion:330 Resp: 517768
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.2
 141 40.7 31.4 47.2

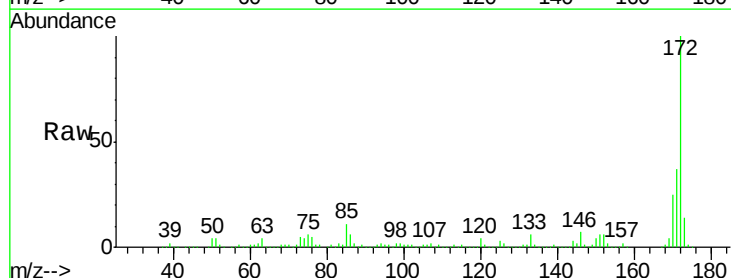


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

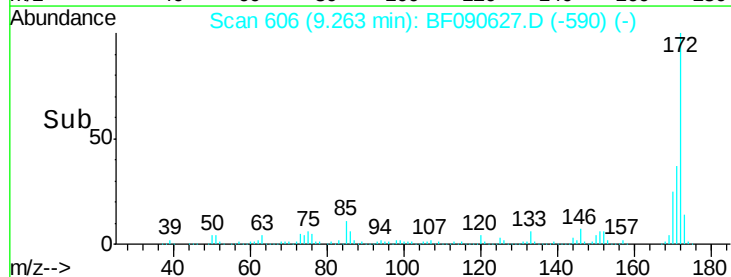
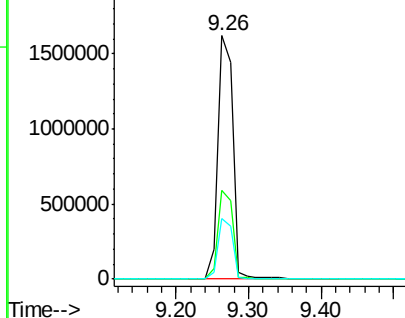


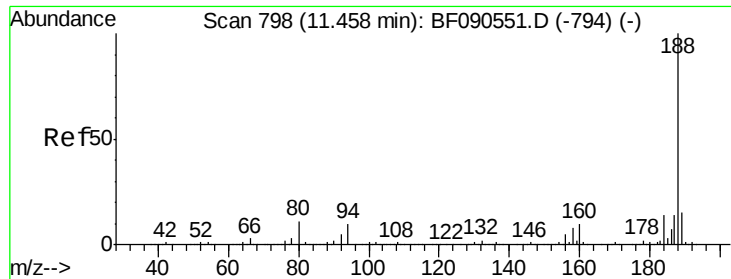
#44
 2-Fluorobiphenyl
 Concen: 91.32 ng
 RT: 9.26 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF090627.D
 Acq: 18 Oct 2016 14:32

Tgt Ion:172 Resp: 2340226
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.1 45.1
 170 25.0 20.6 30.8



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

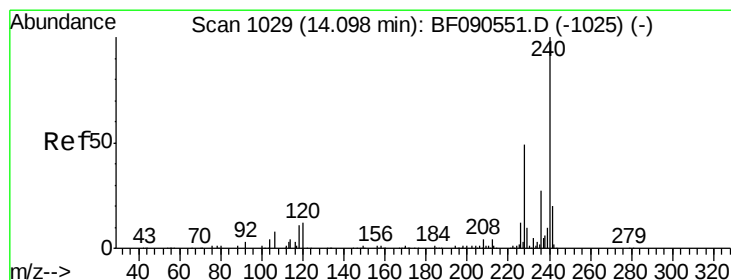
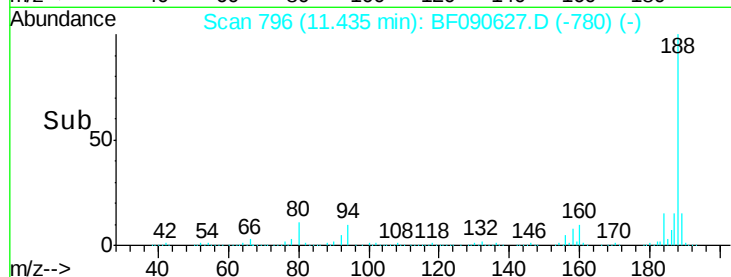
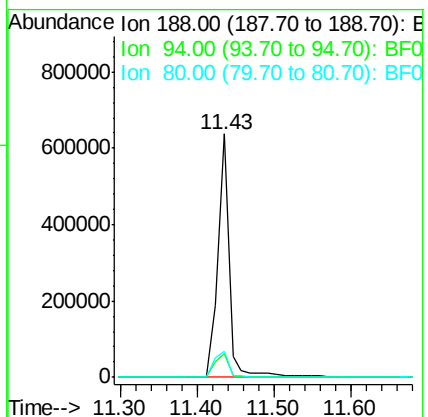
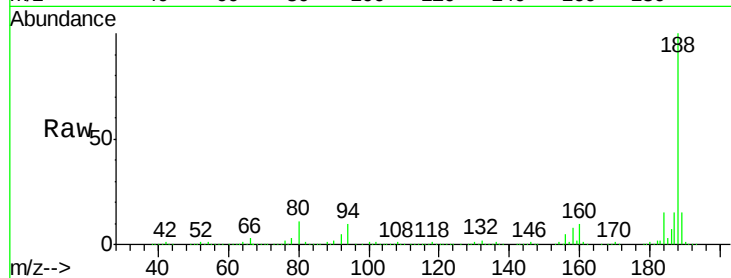




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF090627.D
Acq: 18 Oct 2016 14:32

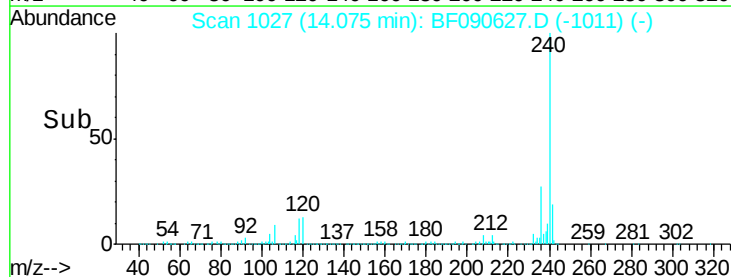
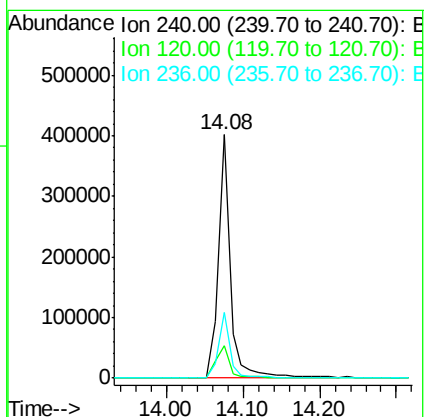
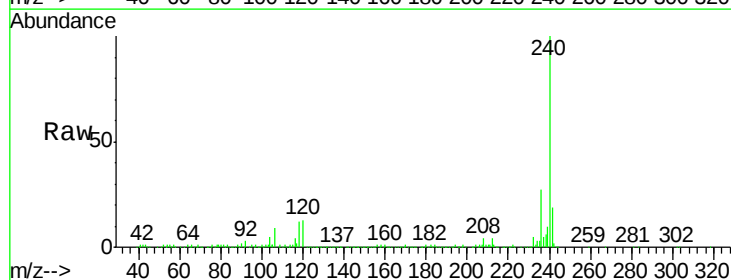
Instrument :
BNA_F
ClientSampleId :
PB94148BL

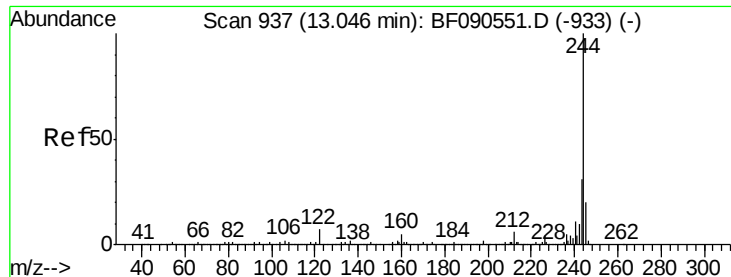
Tgt Ion:188 Resp: 663486
Ion Ratio Lower Upper
188 100
94 9.9 7.7 11.5
80 10.9 8.6 12.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF090627.D
Acq: 18 Oct 2016 14:32

Tgt Ion:240 Resp: 441021
Ion Ratio Lower Upper
240 100
120 13.2 9.8 14.8
236 27.0 21.7 32.5





#78

Terphenyl-d14

Concen: 111.84 ng

RT: 13.02 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF090627.D

Acq: 18 Oct 2016 14:32

Instrument :

BNA_F

ClientSampleId :

PB94148BL

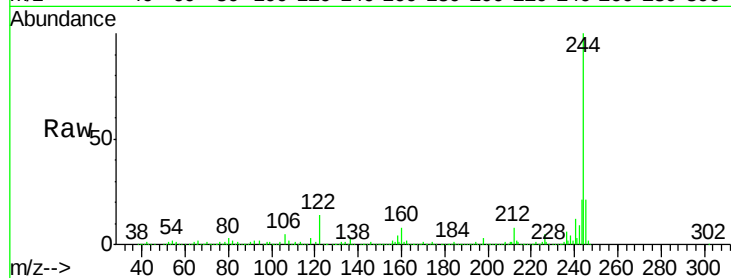
Tgt Ion:244 Resp: 2118375

Ion Ratio Lower Upper

244 100

212 7.8 5.0 7.4#

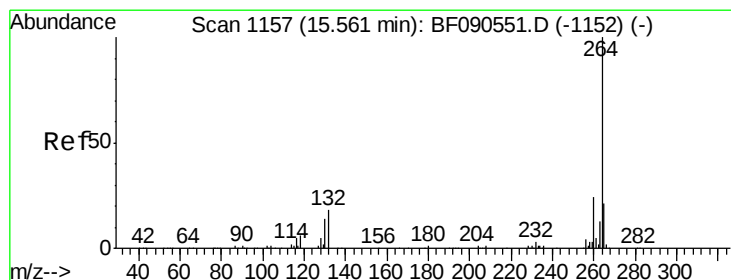
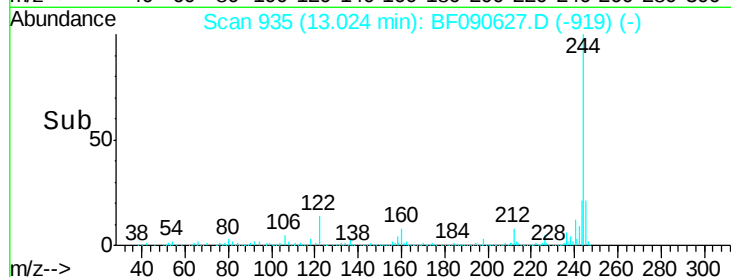
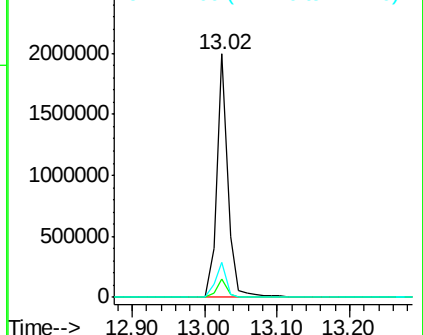
122 14.2 5.6 8.4#



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: 15.53 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF090627.D

Acq: 18 Oct 2016 14:32

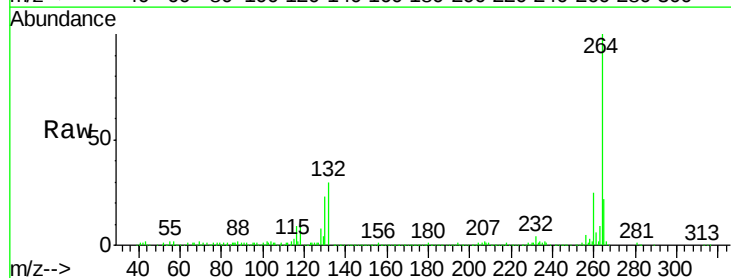
Tgt Ion:264 Resp: 379219

Ion Ratio Lower Upper

264 100

260 25.4 19.3 28.9

265 21.8 16.7 25.1



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

