

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
 Data File : BF089608.D
 Acq On : 5 Aug 2016 2:26
 Operator : UM/SJ
 Sample : H4348-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Aug 05 05:40:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

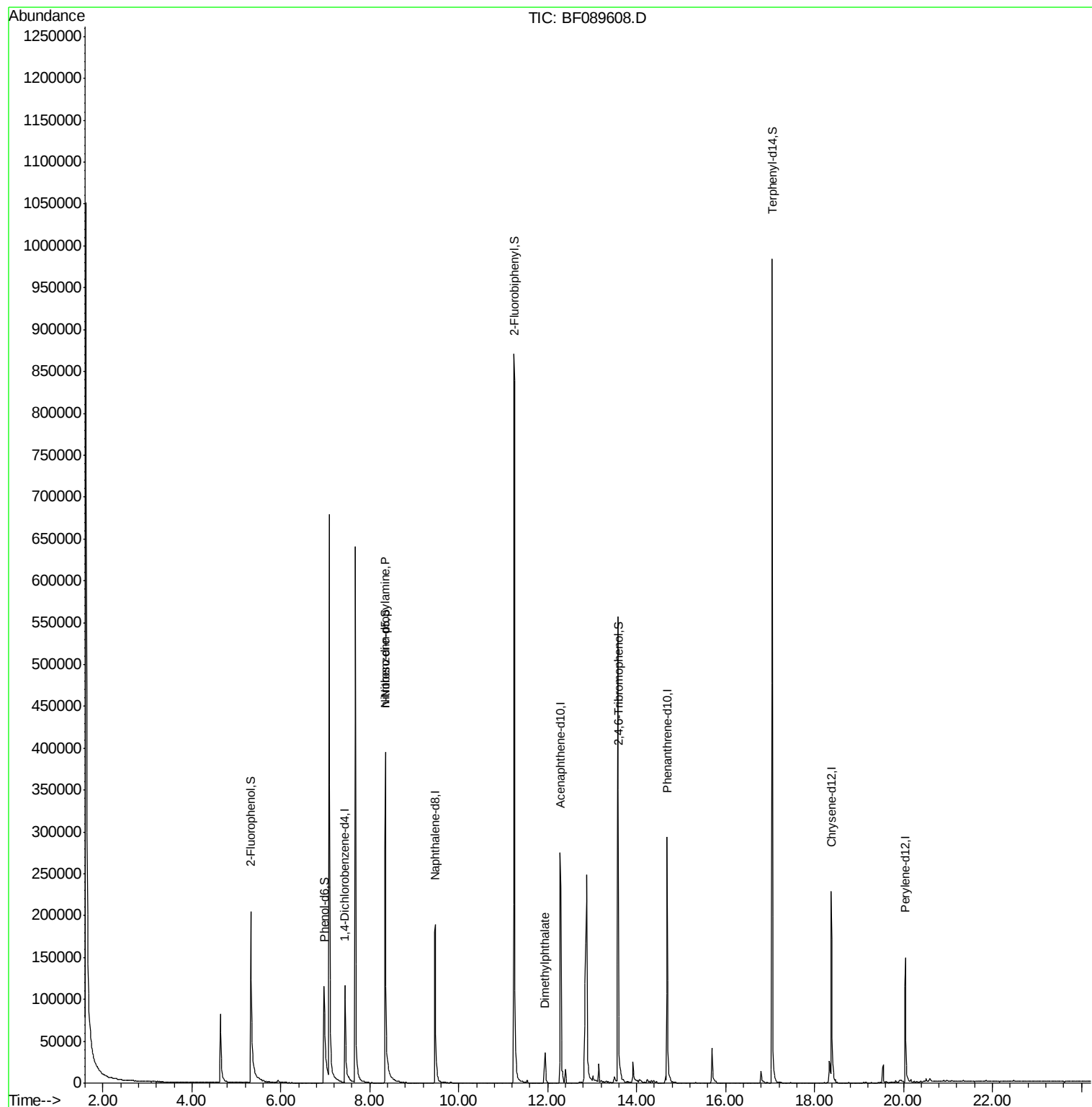
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	43341	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	187239	20.00	ng	0.00
38) Acenaphthene-d10	12.29	164	91498	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	179882	20.00	ng	-0.01
75) Chrysene-d12	18.38	240	131369	20.00	ng	-0.01
86) Perylene-d12	20.05	264	92897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	137089	53.01	ng	0.01
7) Phenol-d6	6.97	99	122746	34.99	ng	-0.01
23) Nitrobenzene-d5	8.35	82	266683	78.78	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	92590	122.62	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	519948	73.85	ng	0.00
78) Terphenyl-d14	17.05	244	395745	59.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.35	70	30554	12.06	ng	Qvalue # 79
49) Dimethylphthalate	11.94	163	27586	3.85	ng	99

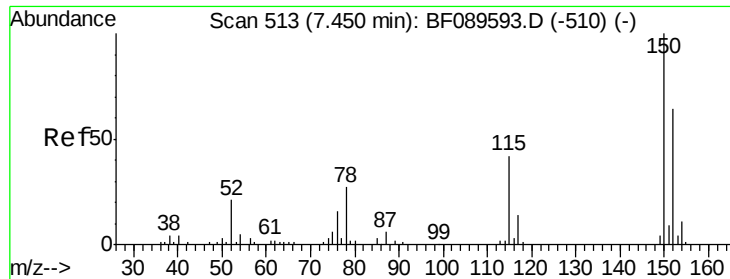
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
Data File : BF089608.D
Acq On : 5 Aug 2016 2:26
Operator : UM/SJ
Sample : H4348-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Time: Aug 05 05:40:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF089608.D

Acq: 5 Aug 2016 2:26

Instrument :

BNA_F

ClientSampleId :

MW-1

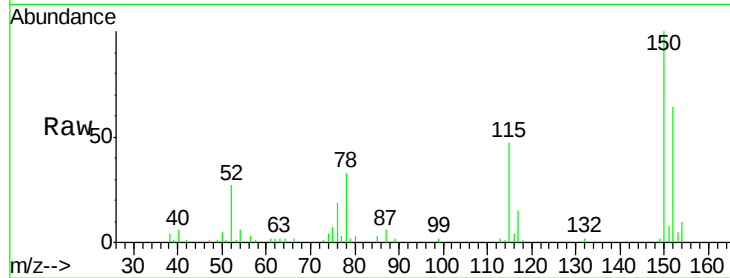
Tgt Ion:152 Resp: 43341

Ion Ratio Lower Upper

152 100

150 156.4 125.5 188.3

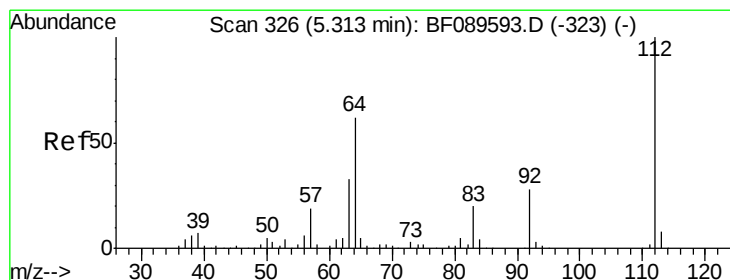
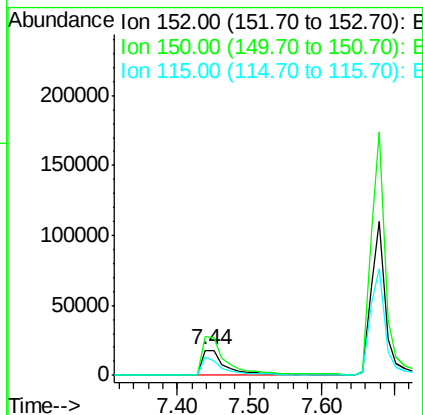
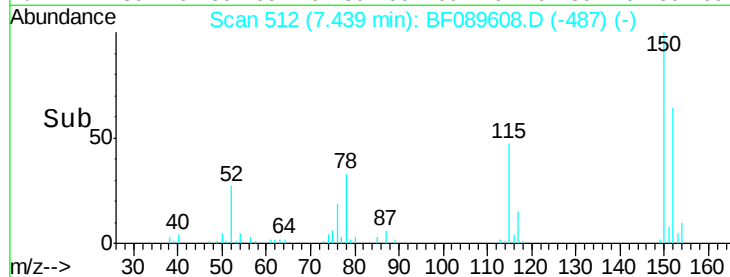
115 73.9 52.0 78.0



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



#5

2-Fluorophenol

Concen: 53.01 ng

RT: 5.32 min Scan# 327

Delta R.T. 0.01 min

Lab File: BF089608.D

Acq: 5 Aug 2016 2:26

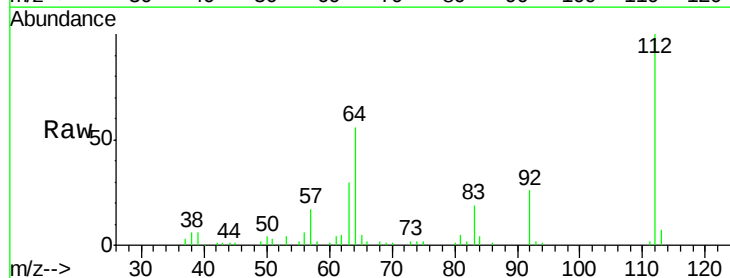
Tgt Ion:112 Resp: 137089

Ion Ratio Lower Upper

112 100

64 56.2 49.9 74.9

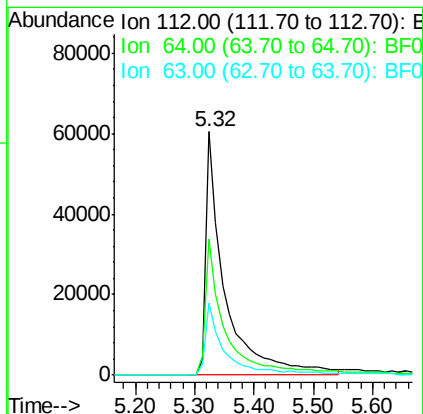
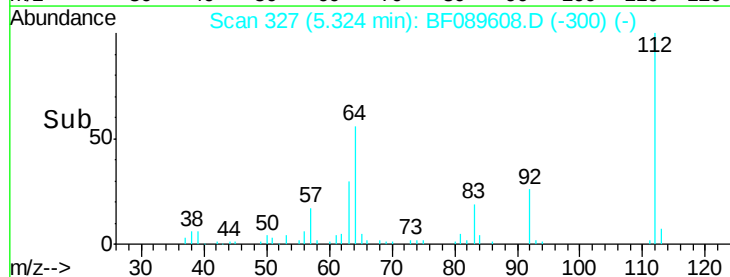
63 29.5 26.1 39.1



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: 34.99 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089608.D

Acq: 5 Aug 2016 2:26

Instrument :

BNA_F

ClientSampleId :

MW-1

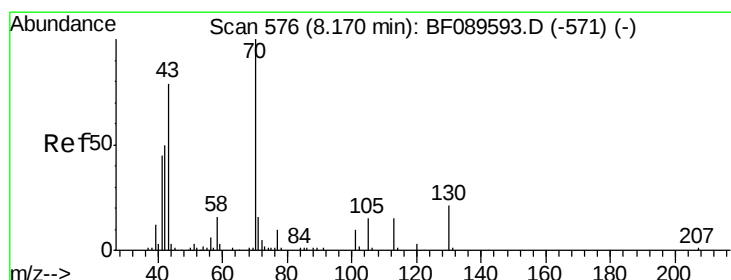
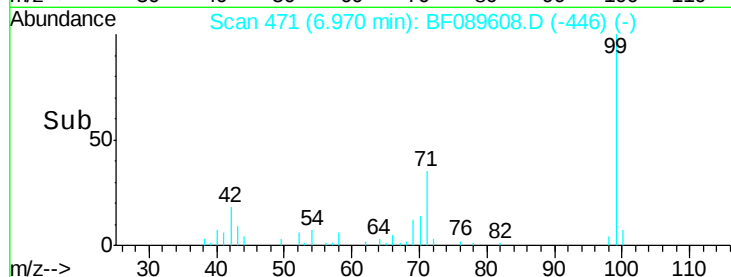
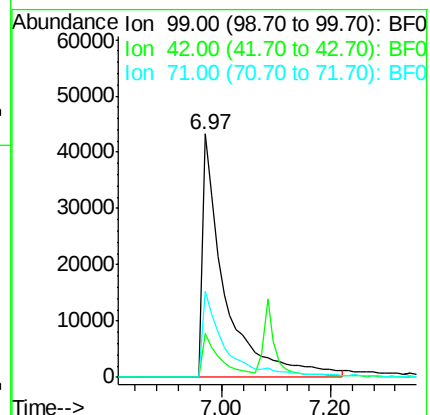
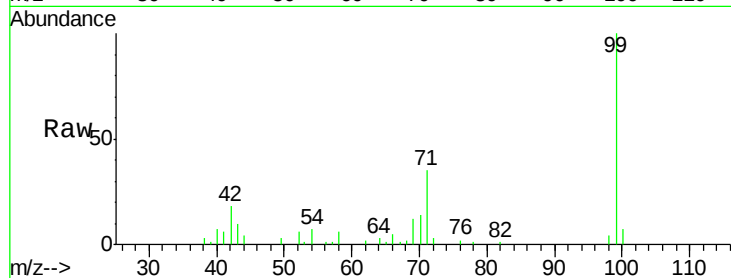
Tgt Ion: 99 Resp: 122746

Ion Ratio Lower Upper

99 100

42 17.8 13.7 20.5

71 35.2 29.0 43.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.06 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.18 min

Lab File: BF089608.D

Acq: 5 Aug 2016 2:26

Tgt Ion: 70 Resp: 30554

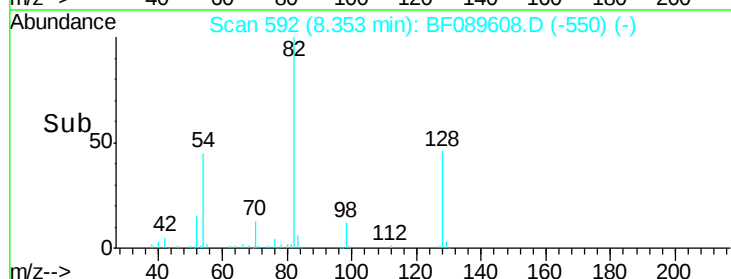
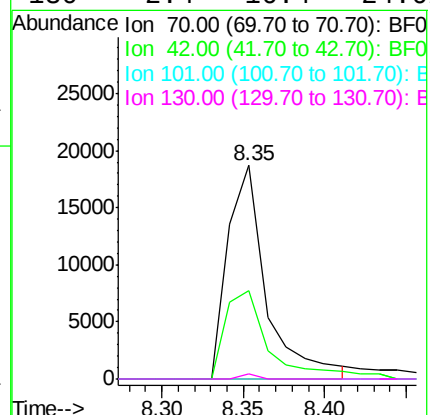
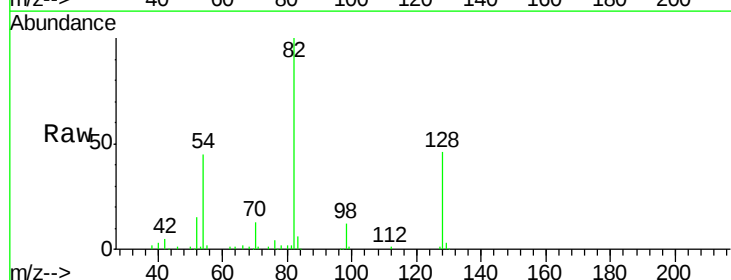
Ion Ratio Lower Upper

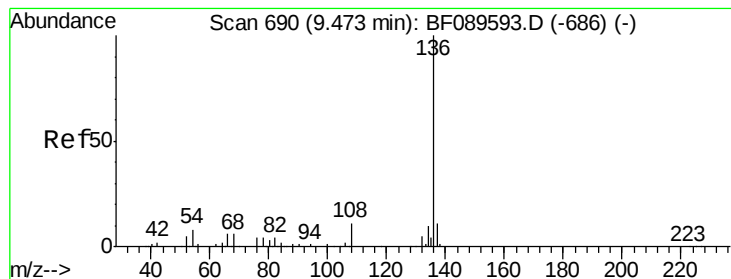
70 100

42 41.5 40.2 60.2

101 0.0 7.8 11.6#

130 2.4 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089608.D

Acq: 5 Aug 2016 2:26

Instrument :

BNA_F

ClientSampleId :

MW-1

Tgt Ion:136 Resp: 187239

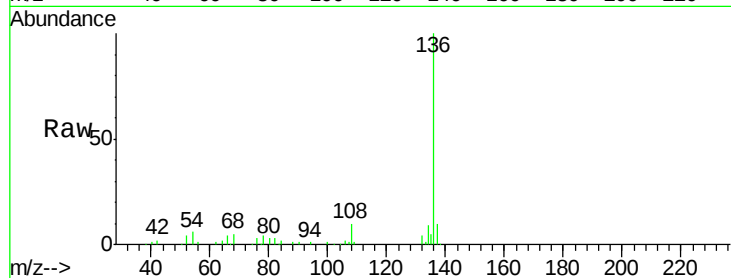
Ion Ratio Lower Upper

136 100

137 10.1 8.6 12.8

54 6.2 6.0 9.0

68 5.1 4.6 6.8

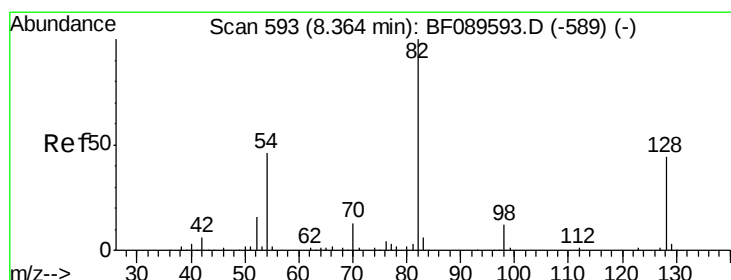
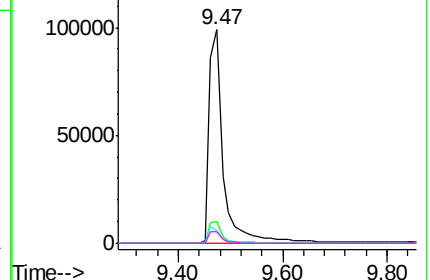
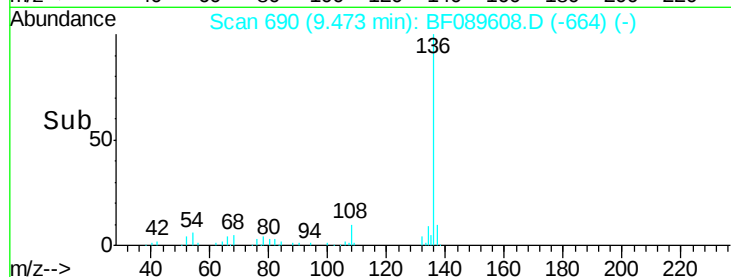


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.78 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF089608.D

Acq: 5 Aug 2016 2:26

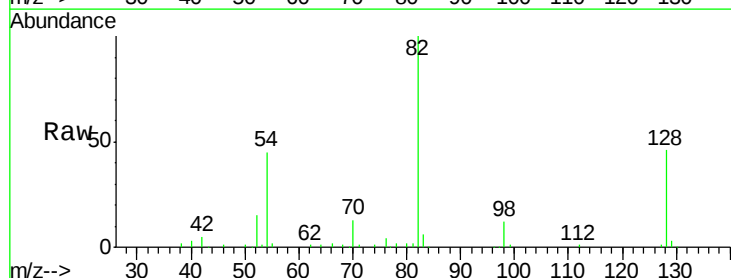
Tgt Ion: 82 Resp: 266683

Ion Ratio Lower Upper

82 100

128 45.8 35.4 53.0

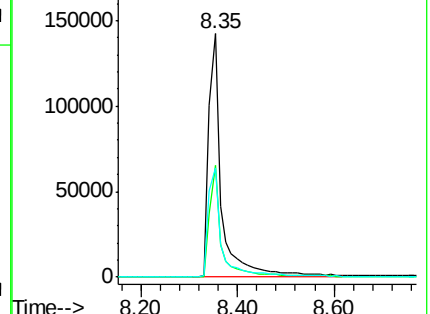
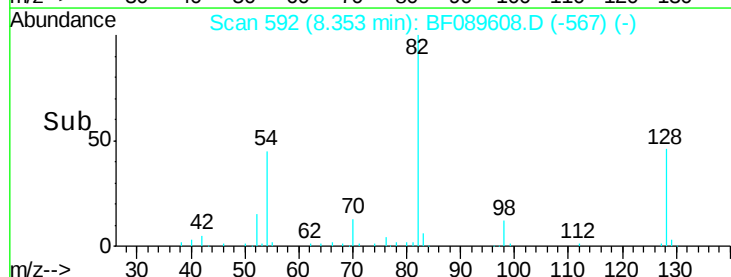
54 44.8 36.4 54.6

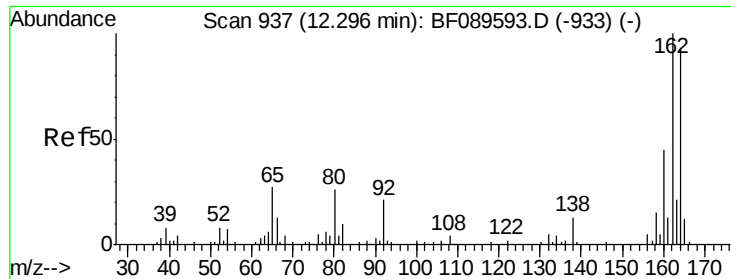


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

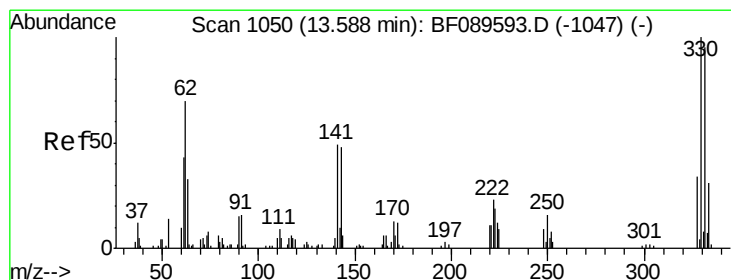
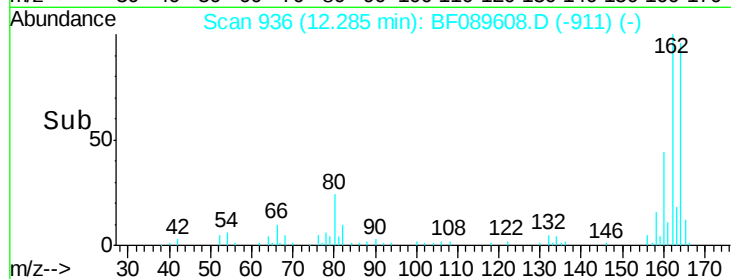
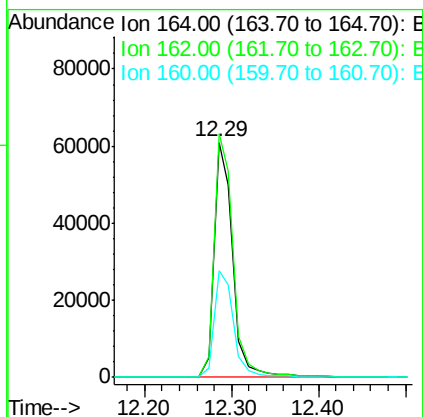
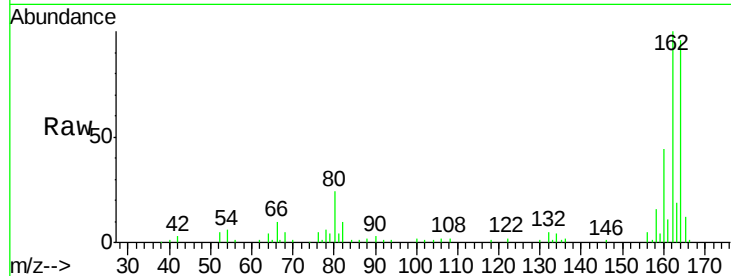




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.29 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF089608.D
 Acq: 5 Aug 2016 2:26

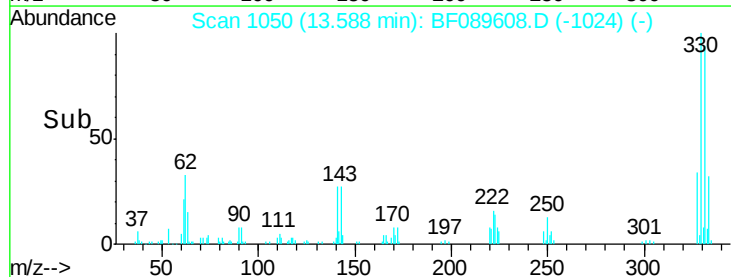
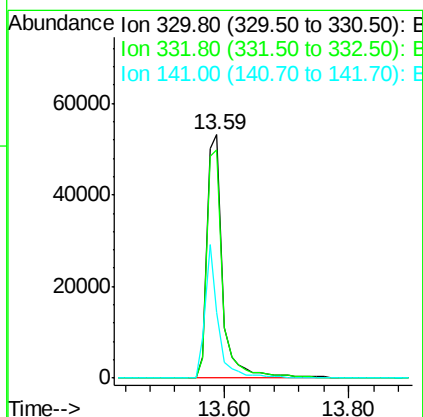
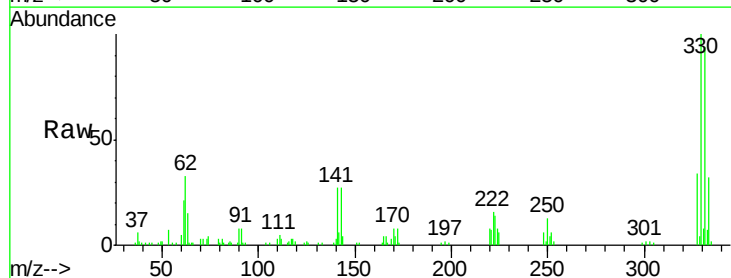
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

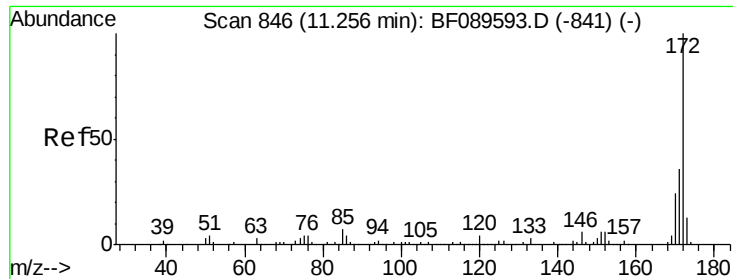
Tgt Ion:164 Resp: 91498
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.7 128.5
 160 45.7 38.2 57.4



#41
 2,4,6-Tribromophenol
 Concen: 122.62 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089608.D
 Acq: 5 Aug 2016 2:26

Tgt Ion:330 Resp: 92590
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 46.1 38.6 57.8

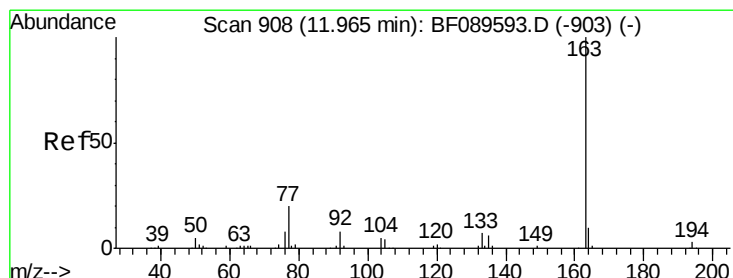
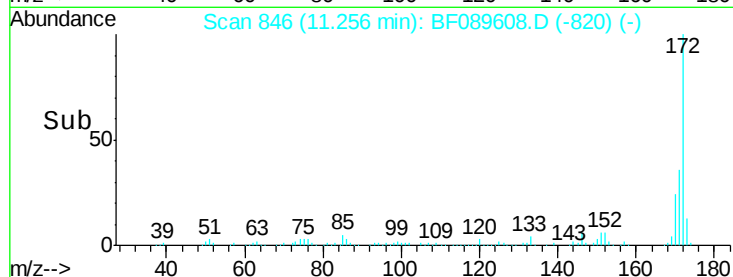
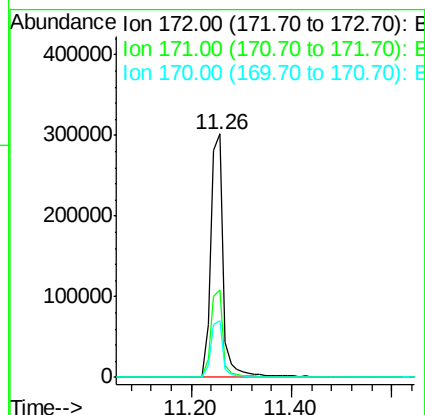
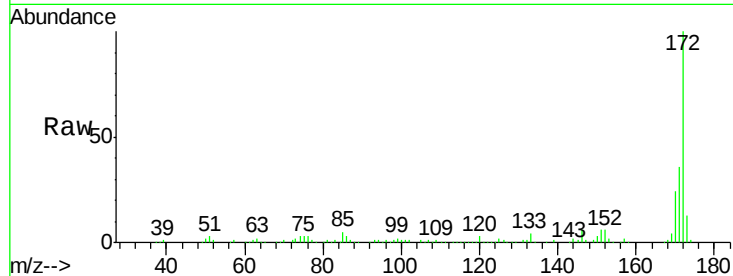




#44
 2-Fluorobiphenyl
 Concen: 73.85 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089608.D
 Acq: 5 Aug 2016 2:26

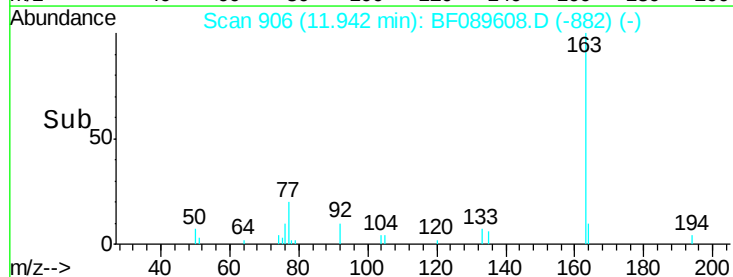
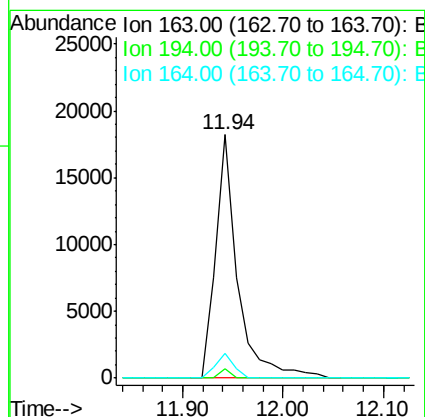
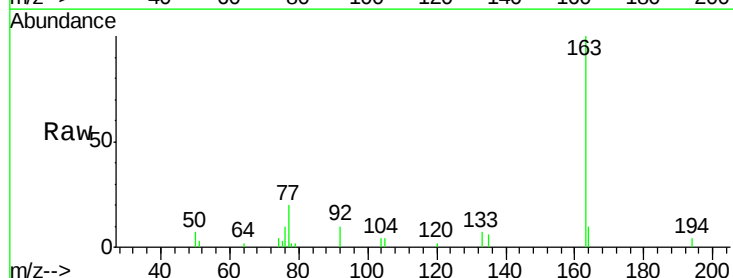
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

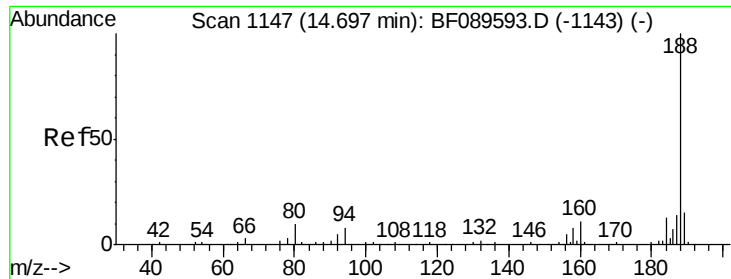
Tgt Ion:172 Resp: 519948
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.5 19.0 28.6



#49
 Dimethylphthalate
 Concen: 3.85 ng
 RT: 11.94 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF089608.D
 Acq: 5 Aug 2016 2:26

Tgt Ion:163 Resp: 27586
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.3 7.8 11.6

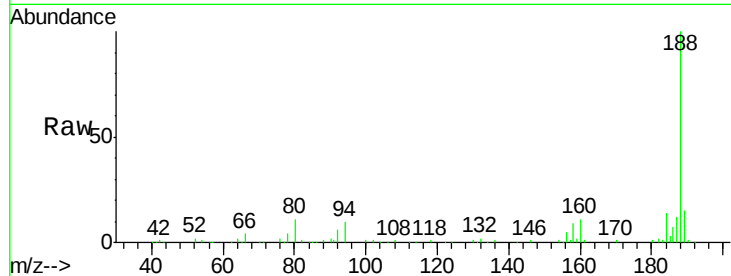




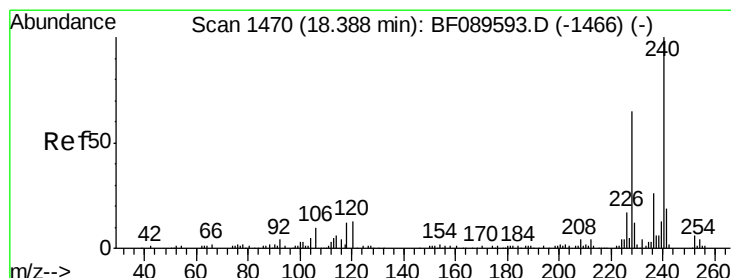
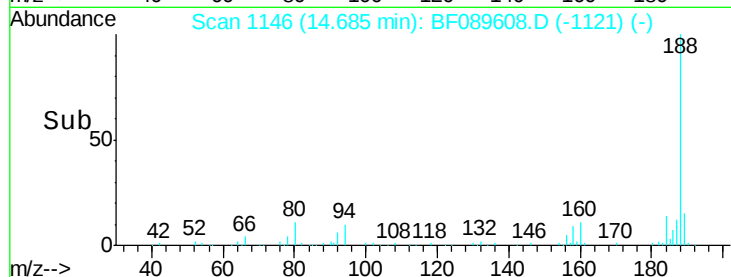
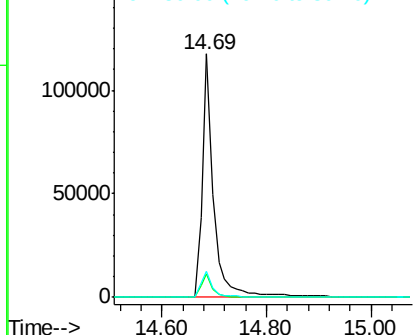
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089608.D
Acq: 5 Aug 2016 2:26

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 179882
Ion Ratio Lower Upper
188 100
94 9.9 6.5 9.7#
80 10.6 8.0 12.0

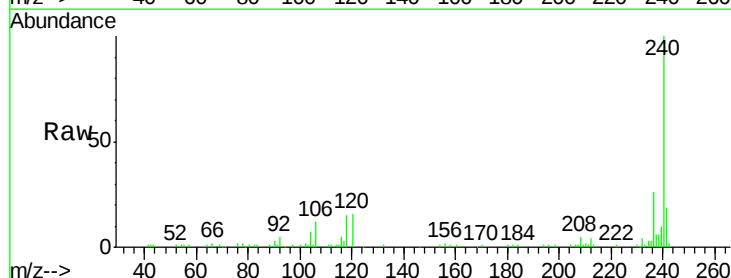


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

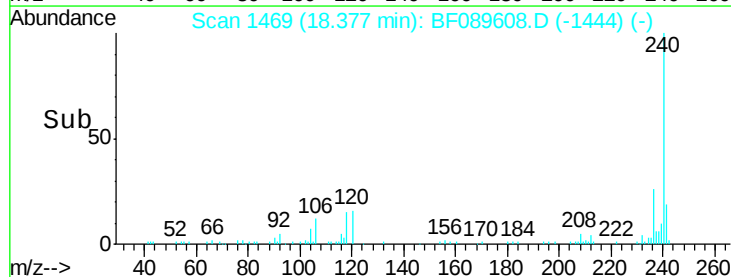
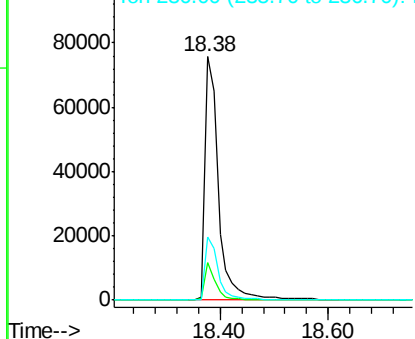


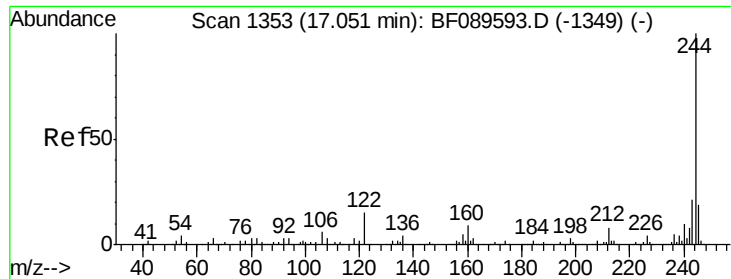
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.38 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF089608.D
Acq: 5 Aug 2016 2:26

Tgt Ion:240 Resp: 131369
Ion Ratio Lower Upper
240 100
120 15.6 10.6 15.8
236 25.8 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: 59.47 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089608.D

Acq: 5 Aug 2016 2:26

Instrument :

BNA_F

ClientSampleId :

MW-1

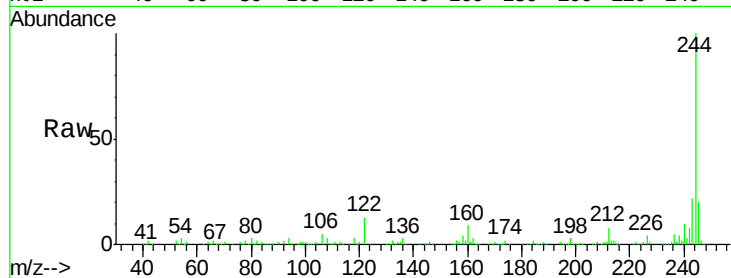
Tgt Ion:244 Resp: 395745

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

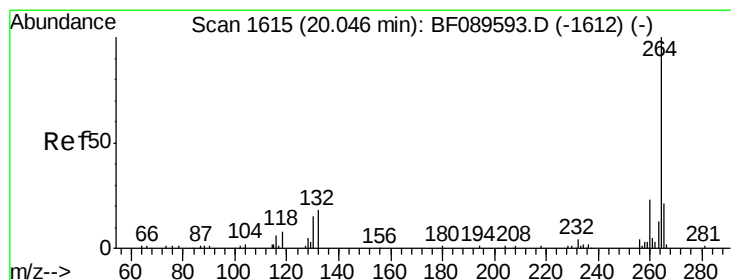
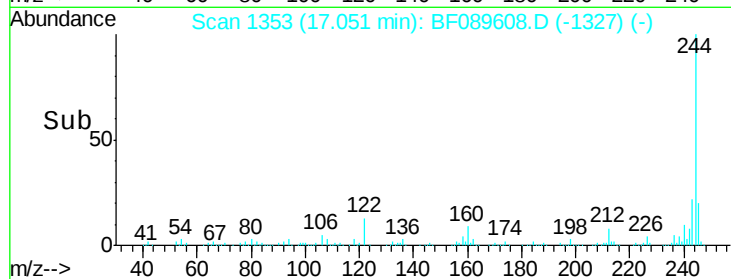
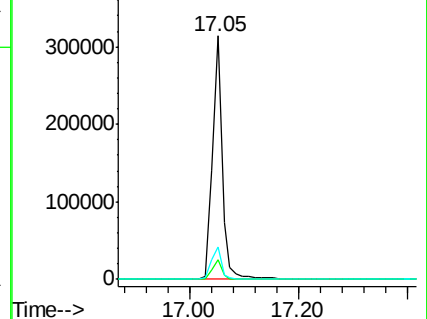
122 13.3 12.2 18.2



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: 20.05 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF089608.D

Acq: 5 Aug 2016 2:26

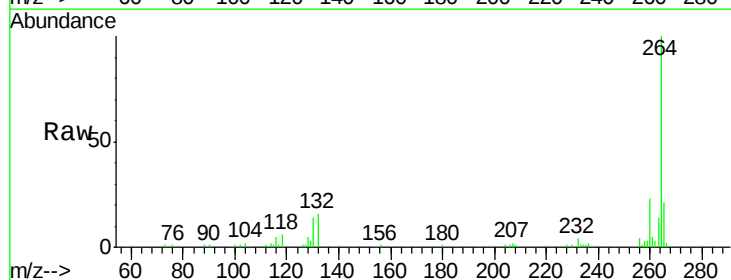
Tgt Ion:264 Resp: 92897

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.2 16.5 24.7



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

