

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089628.D
 Acq On : 5 Aug 2016 13:47
 Operator : UM/SJ
 Sample : H4292-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS5-0-2IN

Quant Time: Aug 05 23:03:11 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

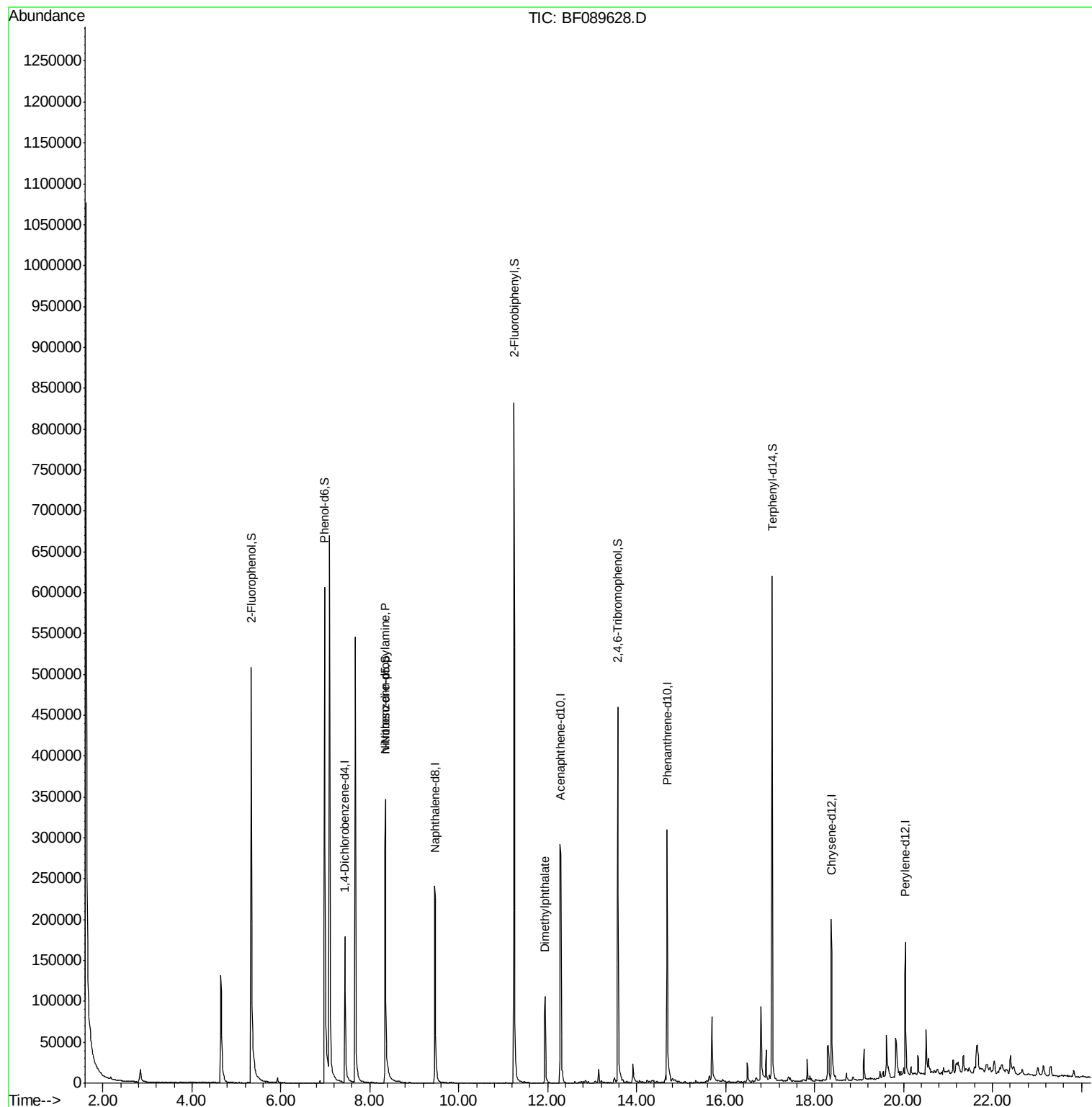
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	48120	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	212678	20.00	ng	0.00
38) Acenaphthene-d10	12.28	164	100750	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	184742	20.00	ng	-0.01
75) Chrysene-d12	18.38	240	106514	20.00	ng	-0.01
86) Perylene-d12	20.05	264	95600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	284861	99.22	ng	0.02
7) Phenol-d6	6.98	99	381524	97.96	ng	0.00
23) Nitrobenzene-d5	8.35	82	238501	62.03	ng	-0.01
41) 2,4,6-Tribromophenol	13.58	330	71243	85.69	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	418864	54.03	ng	-0.01
78) Terphenyl-d14	17.05	244	283270	52.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.35	70	28758	10.22	ng	Qvalue # 80
49) Dimethylphthalate	11.94	163	75621	9.58	ng	99

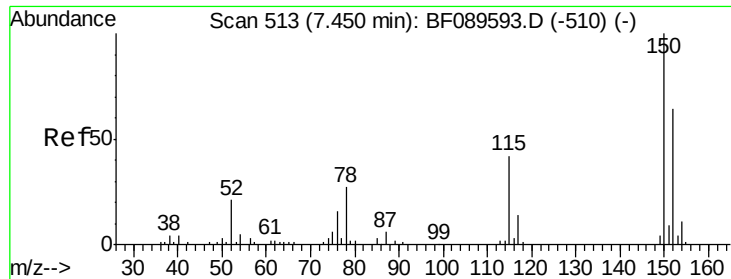
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089628.D
Acq On : 5 Aug 2016 13:47
Operator : UM/SJ
Sample : H4292-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS5-0-2IN

Quant Time: Aug 05 23:03:11 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



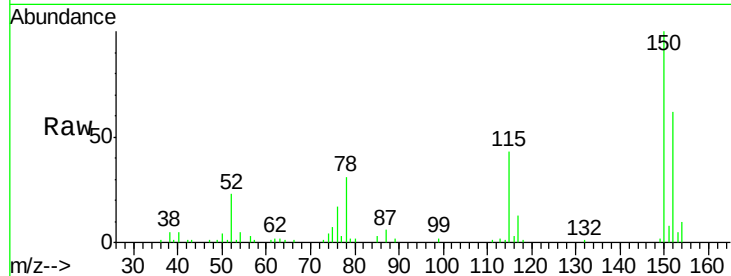


#1

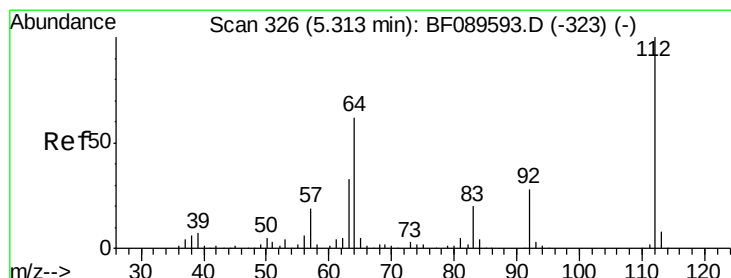
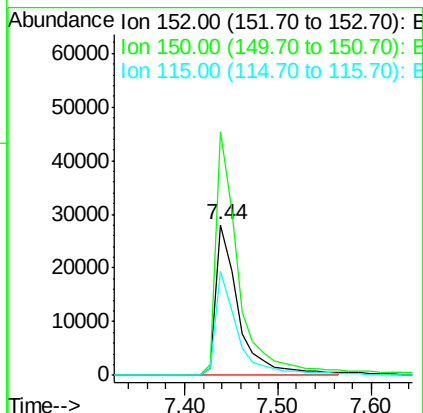
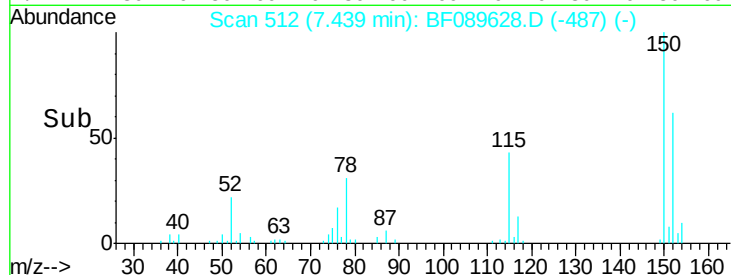
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF089628.D
Acq: 5 Aug 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SS5-0-2IN

Tgt Ion:152 Resp: 48120
Ion Ratio Lower Upper
152 100
150 161.5 125.5 188.3
115 68.9 52.0 78.0



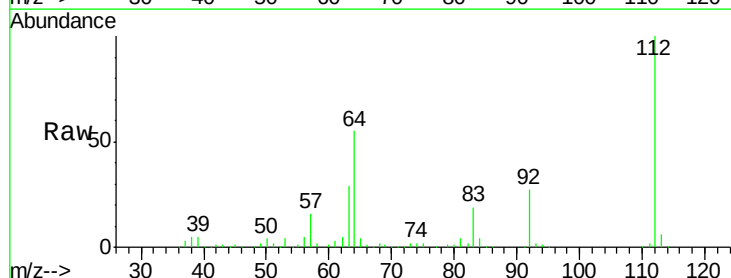
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



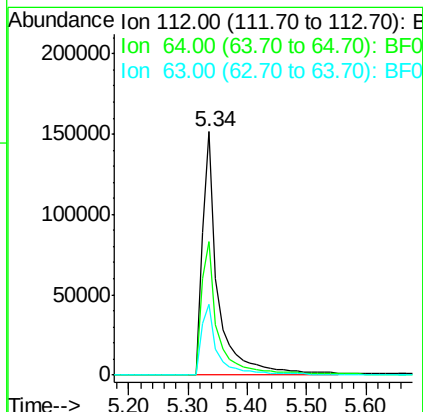
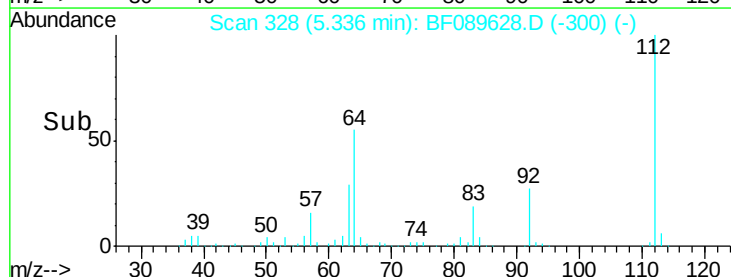
#5

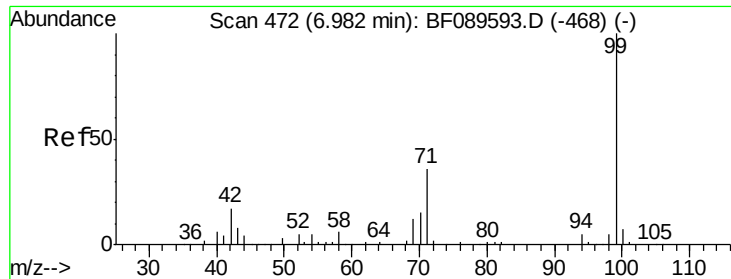
2-Fluorophenol
Concen: 99.22 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF089628.D
Acq: 5 Aug 2016 13:47

Tgt Ion:112 Resp: 284861
Ion Ratio Lower Upper
112 100
64 54.8 49.9 74.9
63 29.2 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: 97.96 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089628.D

Acq: 5 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SS5-0-2IN

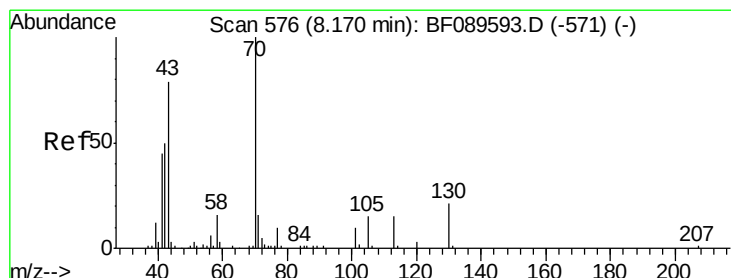
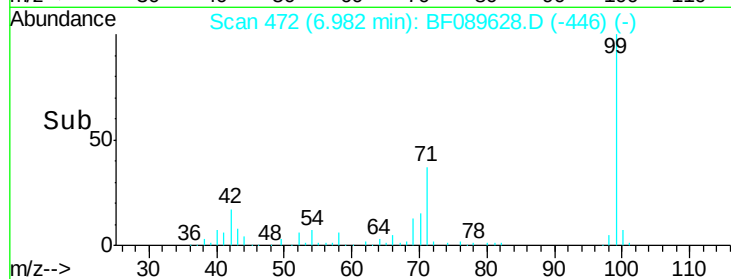
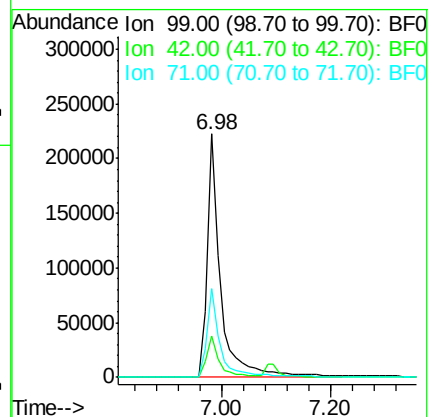
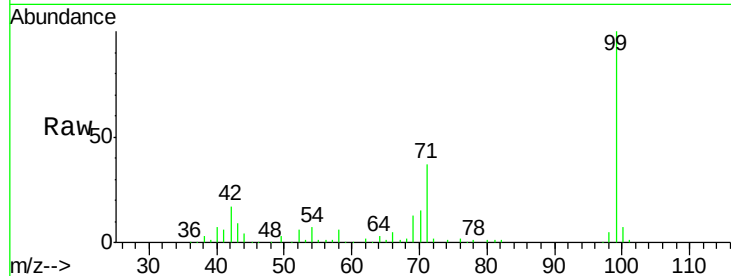
Tgt Ion: 99 Resp: 381524

Ion Ratio Lower Upper

99 100

42 17.2 13.7 20.5

71 36.6 29.0 43.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.22 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.18 min

Lab File: BF089628.D

Acq: 5 Aug 2016 13:47

Tgt Ion: 70 Resp: 28758

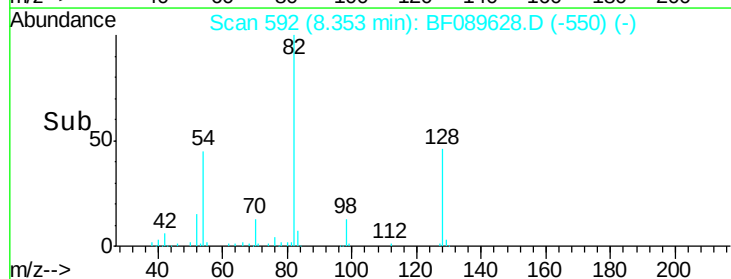
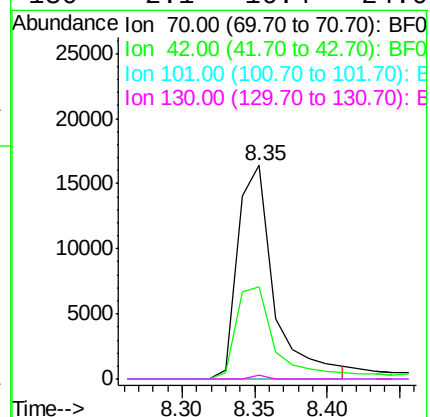
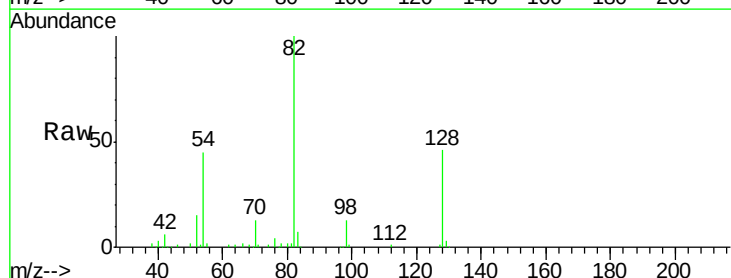
Ion Ratio Lower Upper

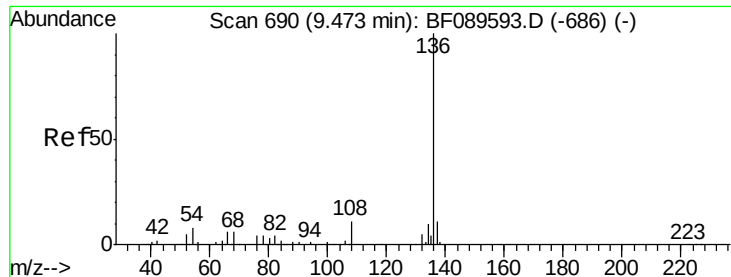
70 100

42 42.9 40.2 60.2

101 0.0 7.8 11.6#

130 2.1 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: BF089628.D

Acq: 5 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SS5-0-2IN

Tgt Ion:136 Resp: 212678

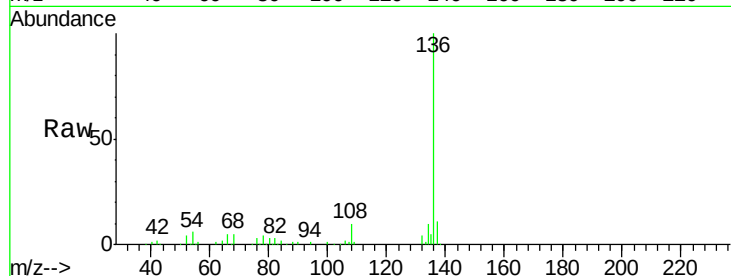
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 6.1 6.0 9.0

68 4.9 4.6 6.8

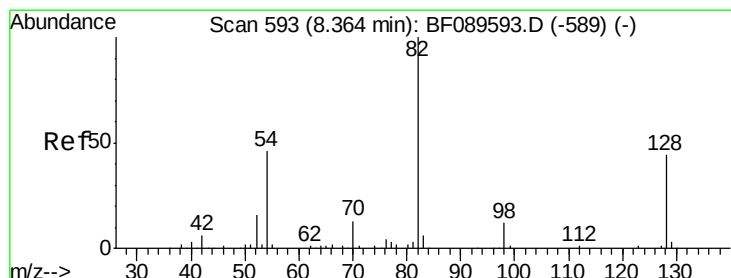
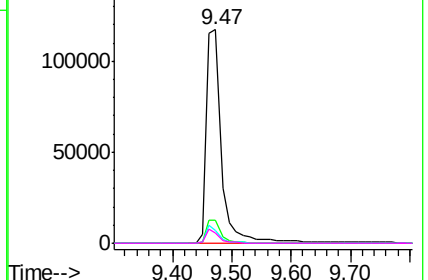
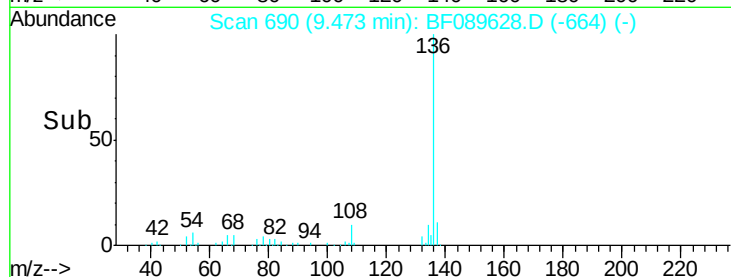


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.03 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF089628.D

Acq: 5 Aug 2016 13:47

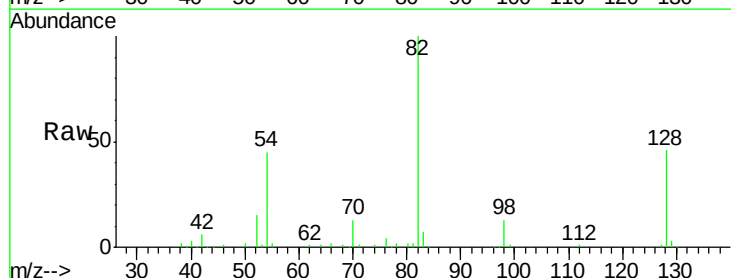
Tgt Ion: 82 Resp: 238501

Ion Ratio Lower Upper

82 100

128 45.6 35.4 53.0

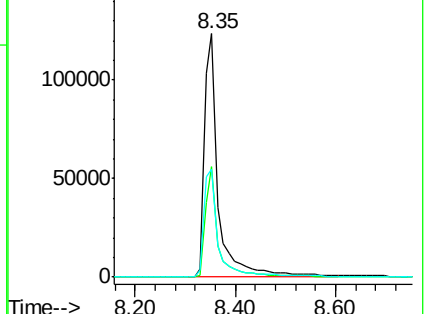
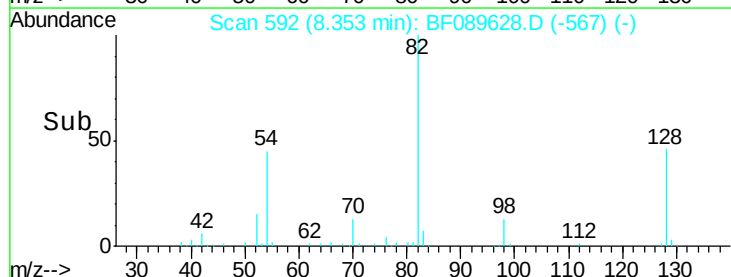
54 44.6 36.4 54.6

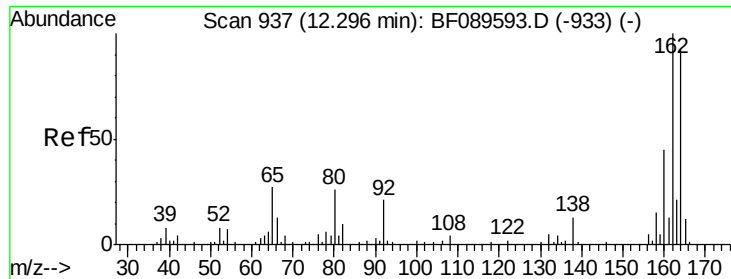


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

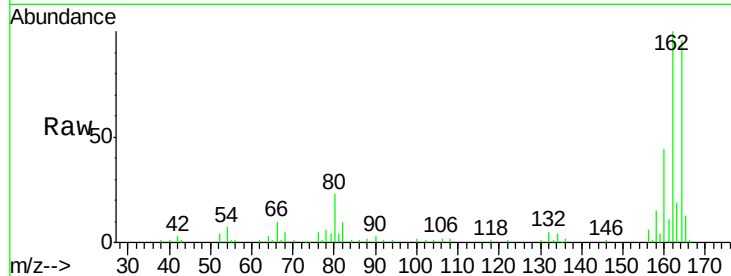




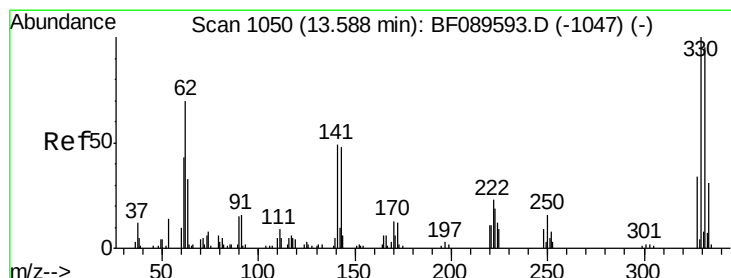
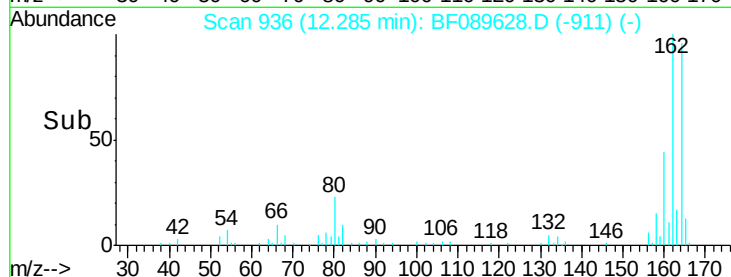
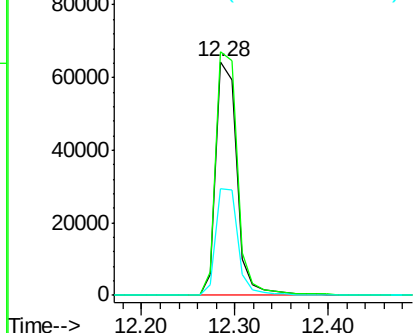
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.28 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF089628.D
 Acq: 5 Aug 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SS5-0-2IN

Tgt Ion:164 Resp: 100750
 Ion Ratio Lower Upper
 164 100
 162 104.3 85.7 128.5
 160 45.8 38.2 57.4

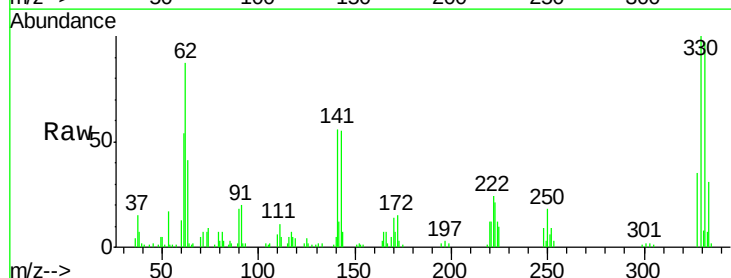


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

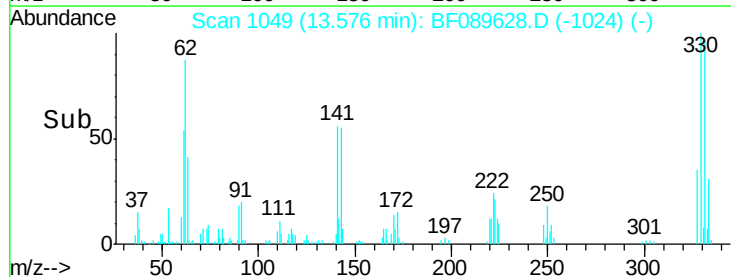
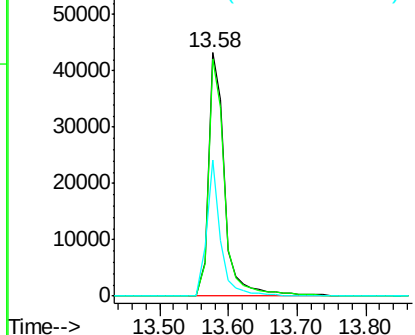


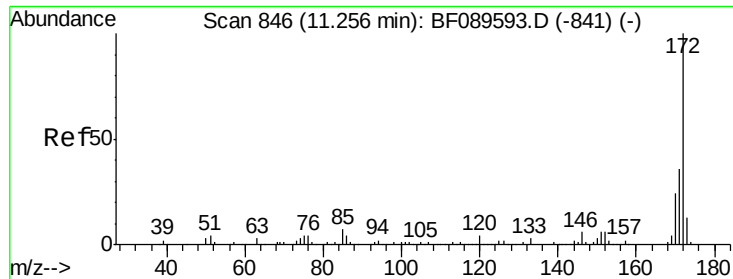
#41
 2,4,6-Tribromophenol
 Concen: 85.69 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF089628.D
 Acq: 5 Aug 2016 13:47

Tgt Ion:330 Resp: 71243
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 47.8 38.6 57.8



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

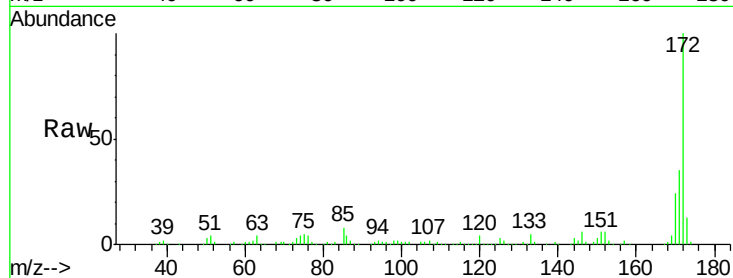




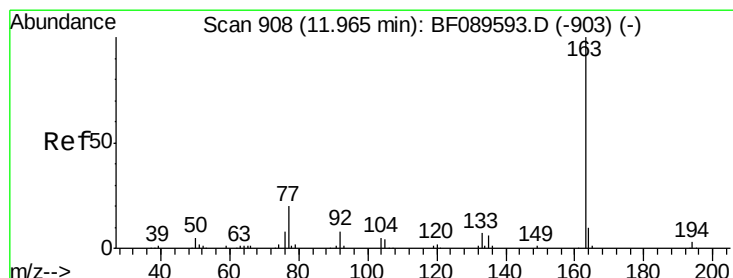
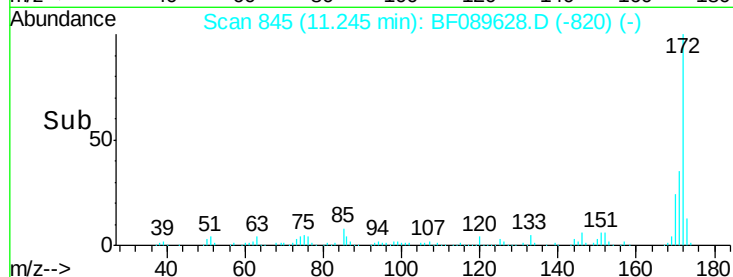
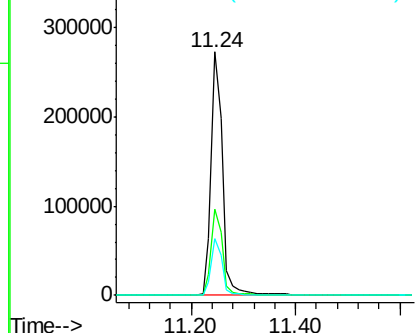
#44
 2-Fluorobiphenyl
 Concen: 54.03 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF089628.D
 Acq: 5 Aug 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SS5-0-2IN

Tgt Ion:172 Resp: 418864
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 23.5 19.0 28.6

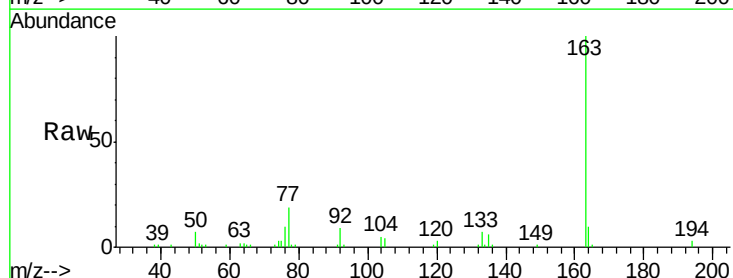


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

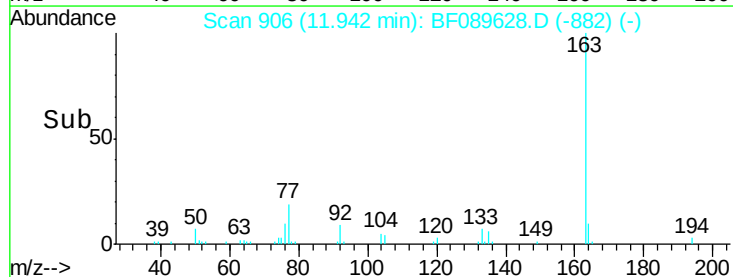
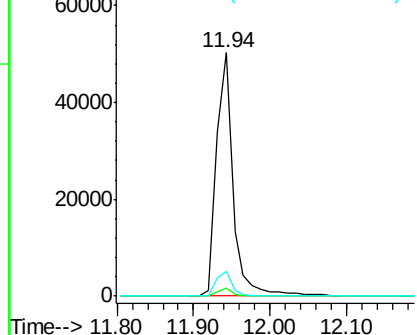


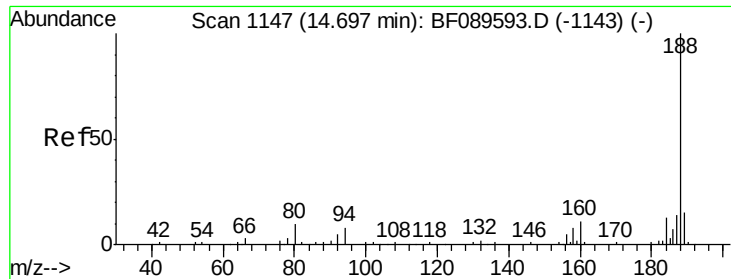
#49
 Dimethylphthalate
 Concen: 9.58 ng
 RT: 11.94 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF089628.D
 Acq: 5 Aug 2016 13:47

Tgt Ion:163 Resp: 75621
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 10.0 7.8 11.6



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

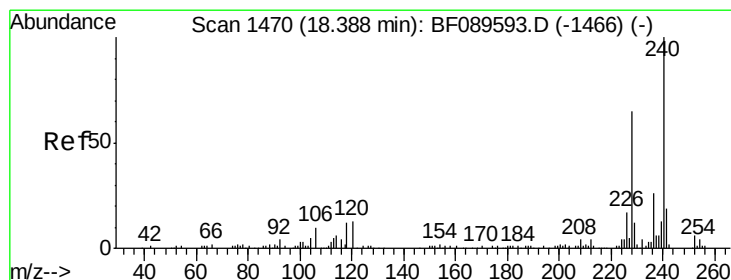
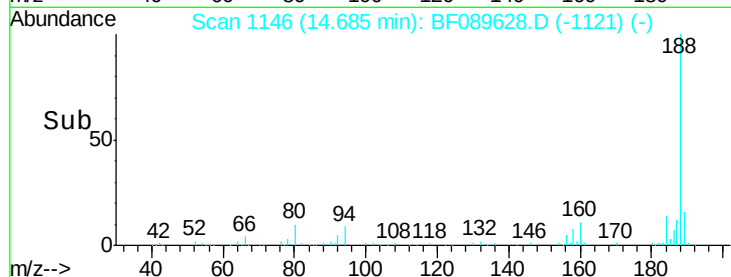
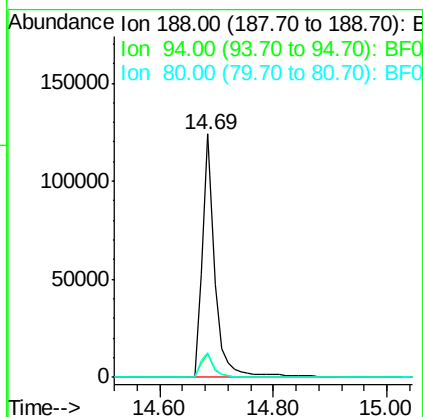
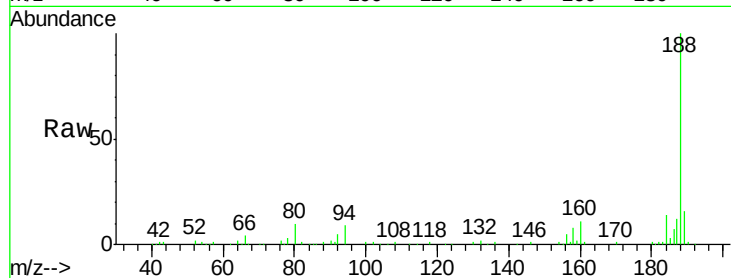




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.69 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF089628.D
 Acq: 5 Aug 2016 13:47

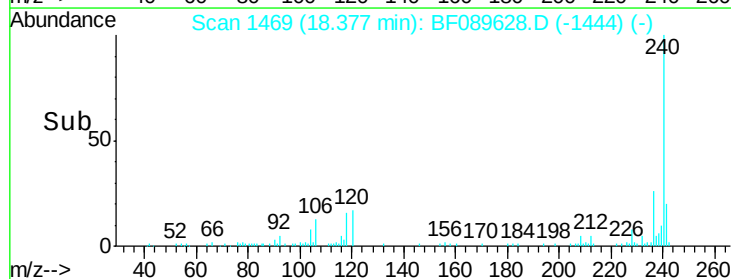
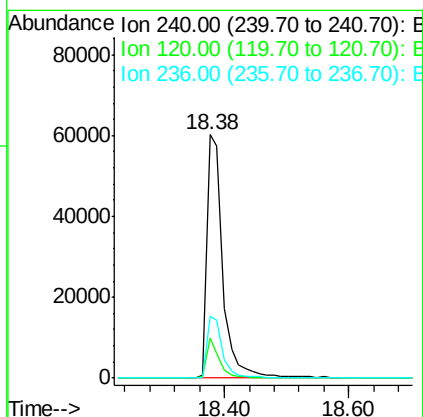
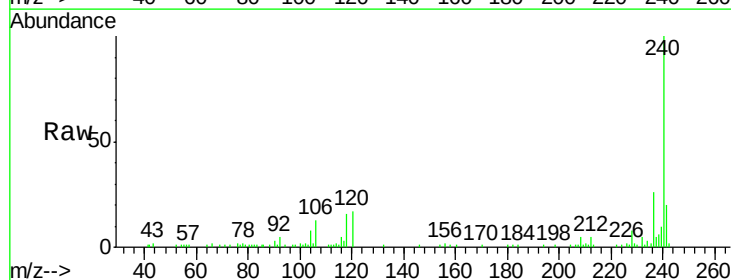
Instrument :
 BNA_F
 ClientSampleId :
 SS5-0-2IN

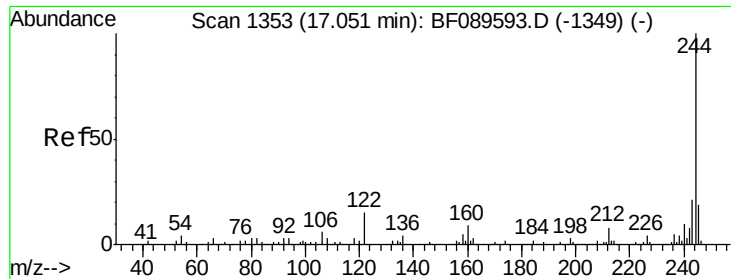
Tgt Ion:188 Resp: 184742
 Ion Ratio Lower Upper
 188 100
 94 9.5 6.5 9.7
 80 10.4 8.0 12.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.38 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF089628.D
 Acq: 5 Aug 2016 13:47

Tgt Ion:240 Resp: 106514
 Ion Ratio Lower Upper
 240 100
 120 16.6 10.6 15.8#
 236 25.6 20.6 30.8





#78

Terphenyl-d14

Concen: 52.50 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089628.D

Acq: 5 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SS5-0-2IN

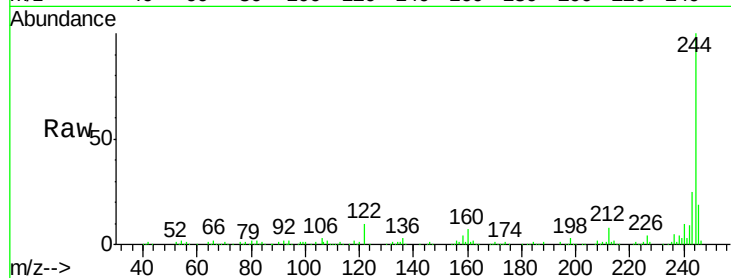
Tgt Ion:244 Resp: 283270

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

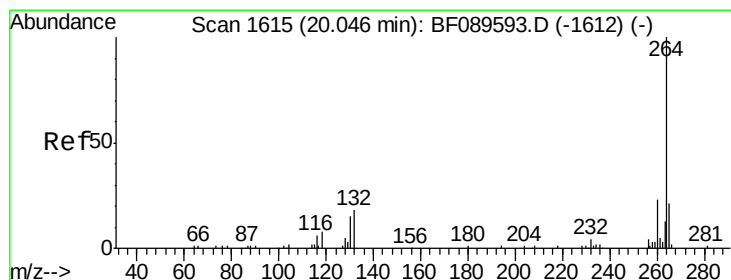
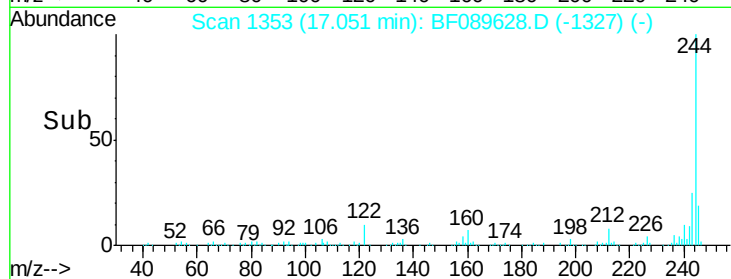
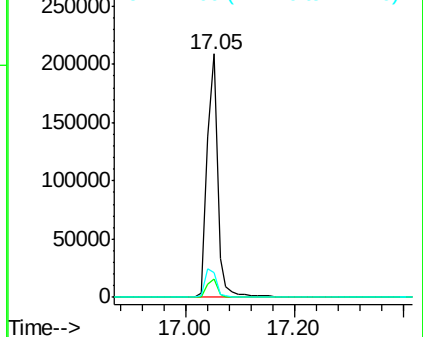
122 10.0 12.2 18.2#



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: BF089628.D

Acq: 5 Aug 2016 13:47

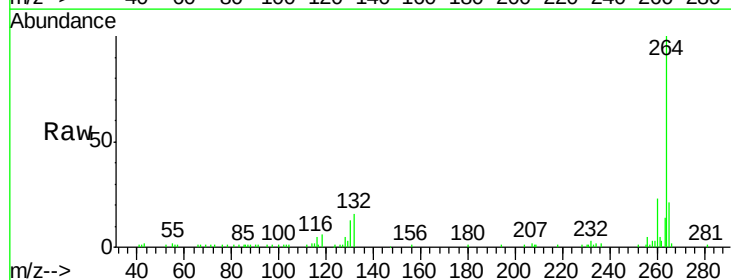
Tgt Ion:264 Resp: 95600

Ion Ratio Lower Upper

264 100

260 22.8 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

