

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089885.D
 Acq On : 24 Aug 2016 20:00
 Operator : UM/SJ
 Sample : H4577-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-MW04-081816

Quant Time: Aug 25 14:02:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

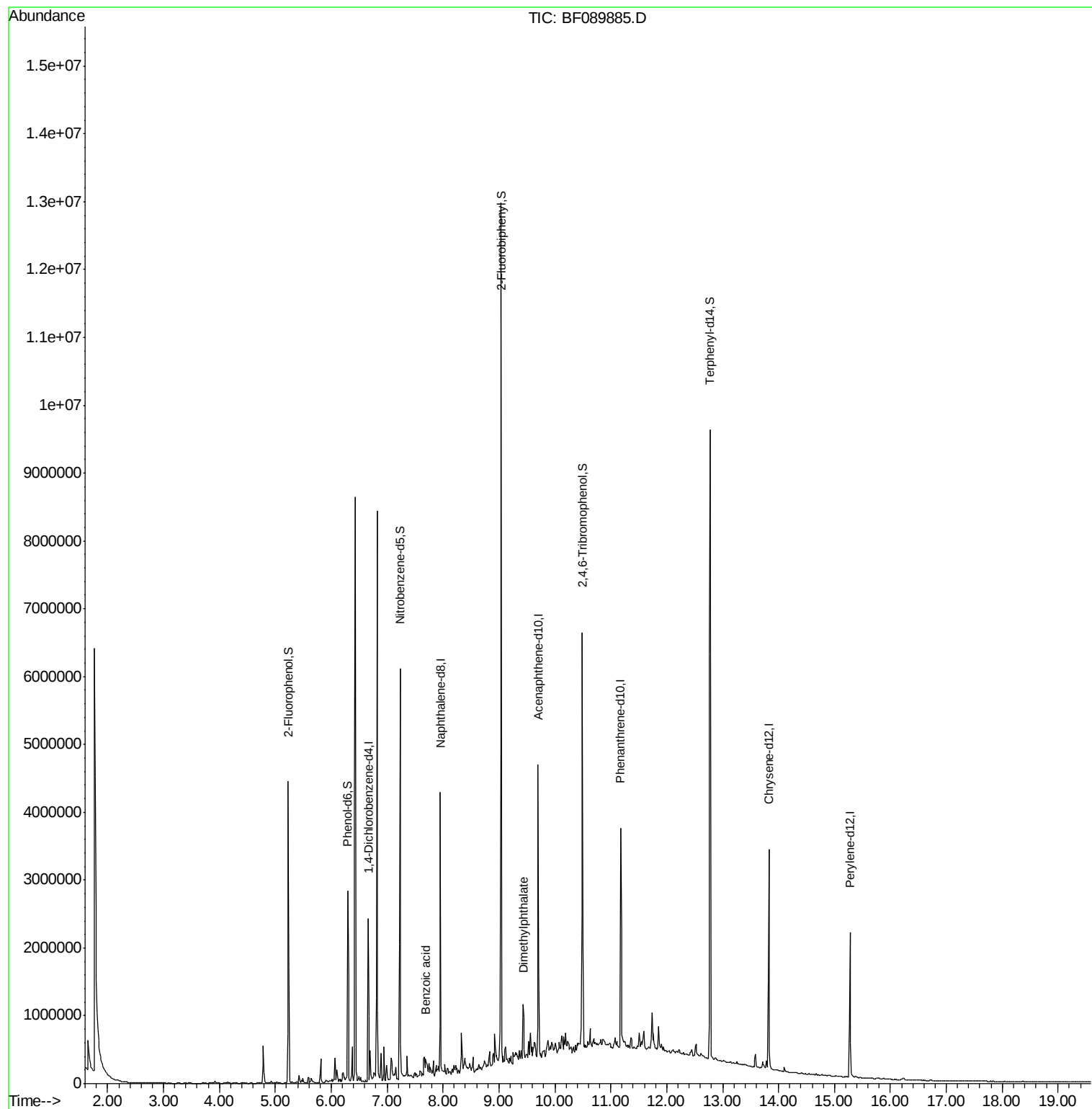
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	406235	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1763524	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	802864	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1403611	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	1206030	20.00	ng	-0.05
86) Perylene-d12	15.28	264	912990	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1511599	63.81	ng	-0.02
7) Phenol-d6	6.30	99	1289411	44.34	ng	-0.02
23) Nitrobenzene-d5	7.23	82	2042158	71.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	907692	118.96	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3974863	87.01	ng	-0.01
78) Terphenyl-d14	12.78	244	3480146	65.28	ng	-0.01
Target Compounds						
32) Benzoic acid	7.69	122	94232	4.22	ng	97
49) Dimethylphthalate	9.44	163	447803	7.92	ng	100

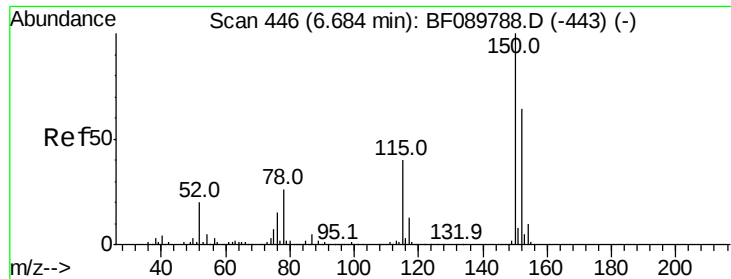
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF089885.D

Acq: 24 Aug 2016 20:00

Instrument :

BNA_F

ClientSampleId :

GW-MW04-081816

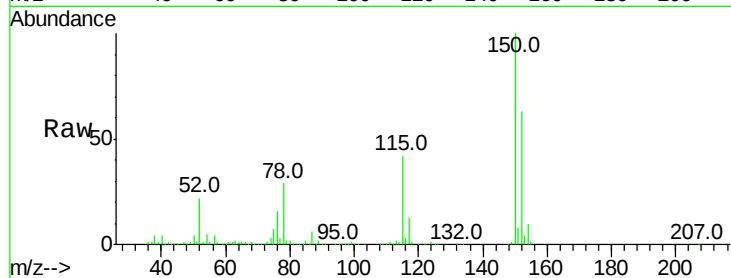
Tot Ion:152 Resp: 406235

Ion Ratio Lower Upper

152 100

150 159.4 125.3 187.9

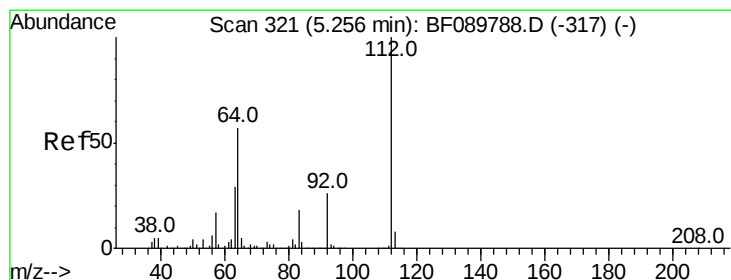
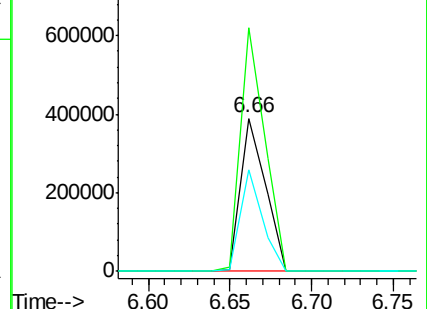
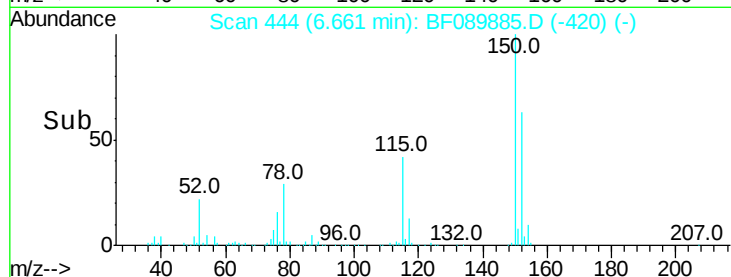
115 66.3 40.9 61.3#



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: 63.81 ng

RT: 5.23 min Scan# 319

Delta R.T. -0.02 min

Lab File: BF089885.D

Acq: 24 Aug 2016 20:00

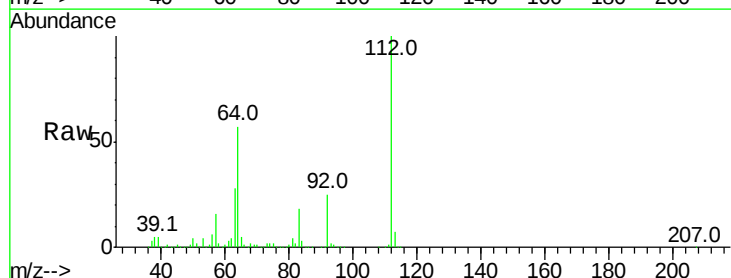
Tgt Ion:112 Resp: 1511599

Ion Ratio Lower Upper

112 100

64 56.9 45.0 67.4

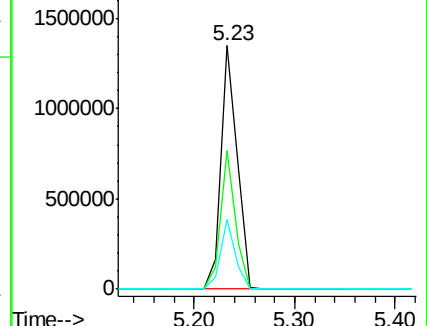
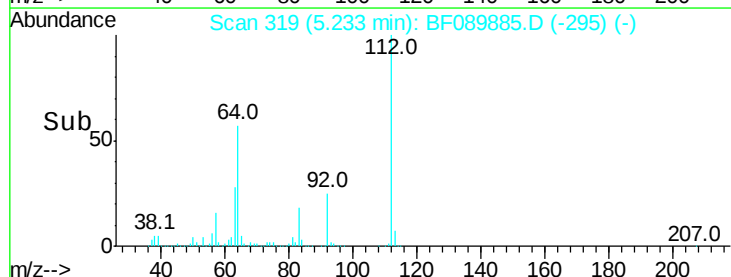
63 28.5 23.1 34.7

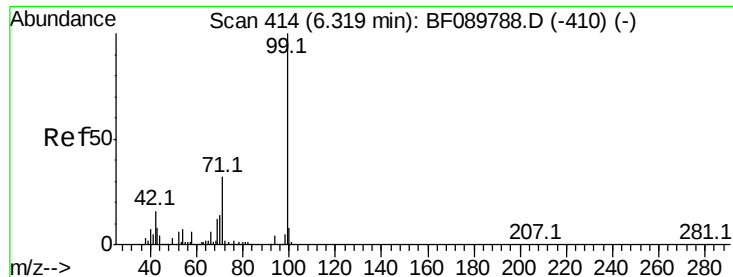


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.34 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089885.D

Acq: 24 Aug 2016 20:00

Instrument :

BNA_F

ClientSampleId :

GW-MW04-081816

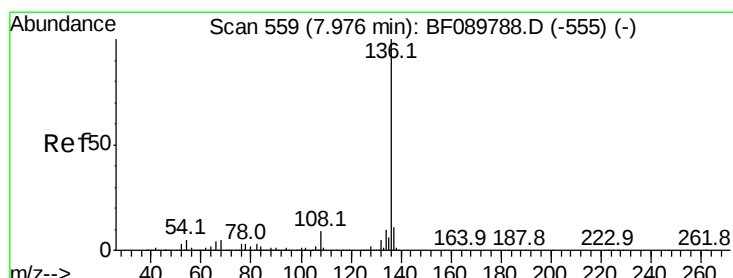
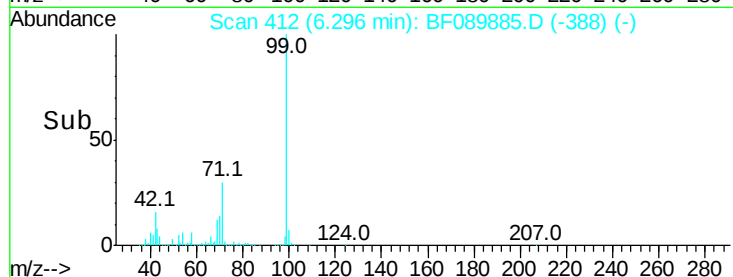
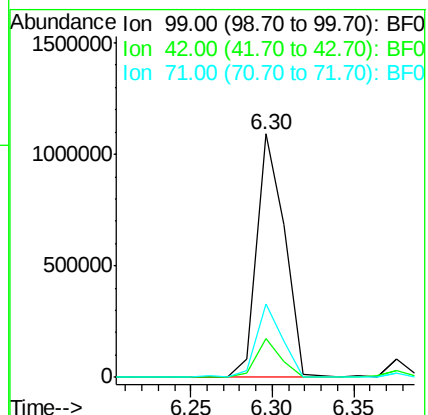
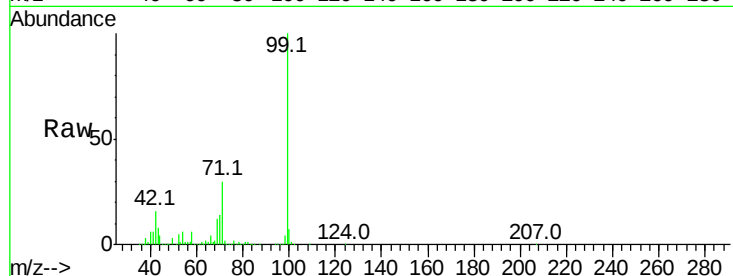
Tot Ion: 99 Resp: 1289411

Ion Ratio Lower Upper

99 100

42 16.1 12.2 18.4

71 30.4 23.8 35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089885.D

Acq: 24 Aug 2016 20:00

Tgt Ion: 136 Resp: 1763524

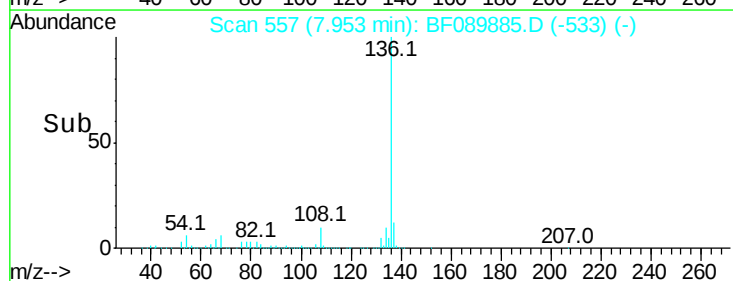
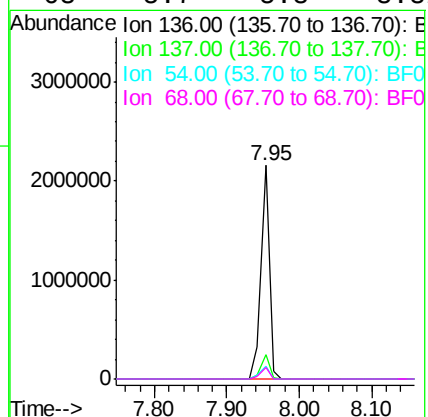
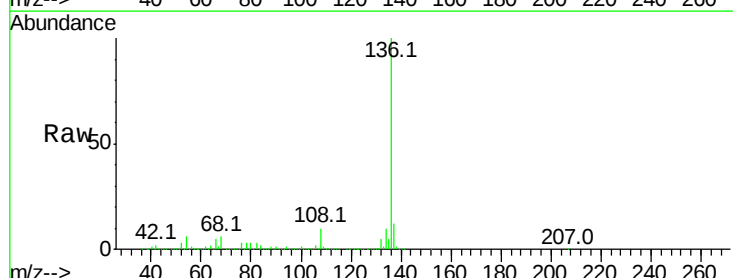
Ion Ratio Lower Upper

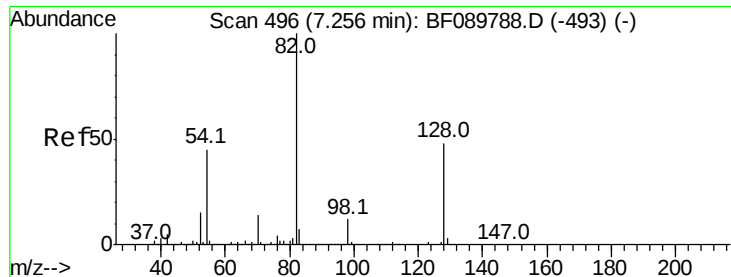
136 100

137 11.6 9.2 13.8

54 6.2 7.2 10.8#

68 5.7 5.8 8.8#



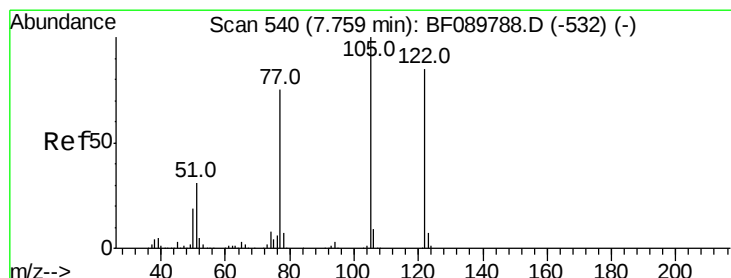
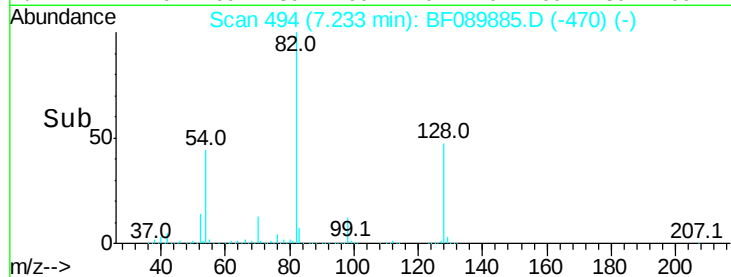
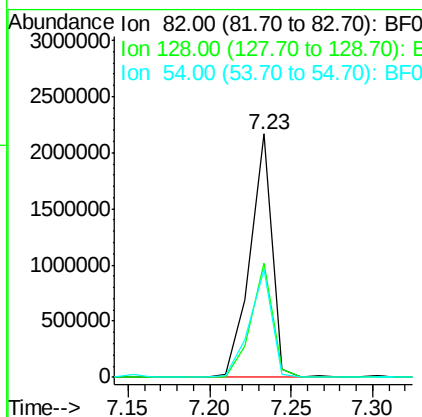
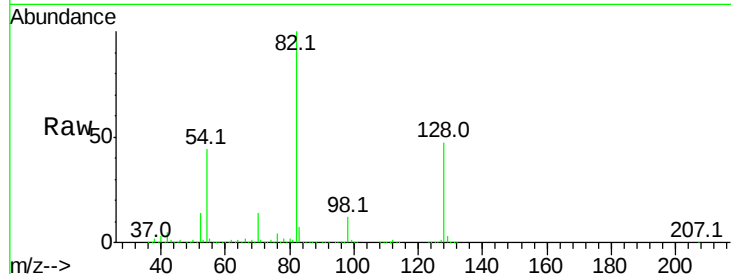


#23
 Nitrobenzene-d5
 Concen: 71.94 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089885.D
 Acq: 24 Aug 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 GW-MW04-081816

Tot Ion: 82 Resp: 2042158

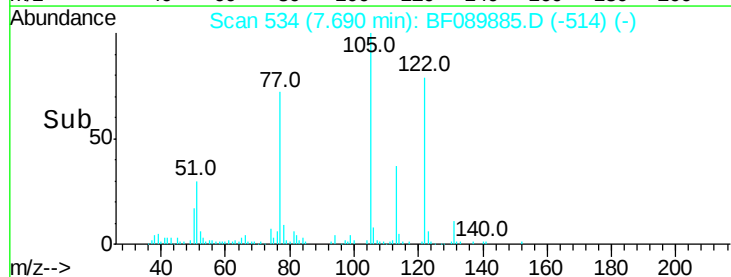
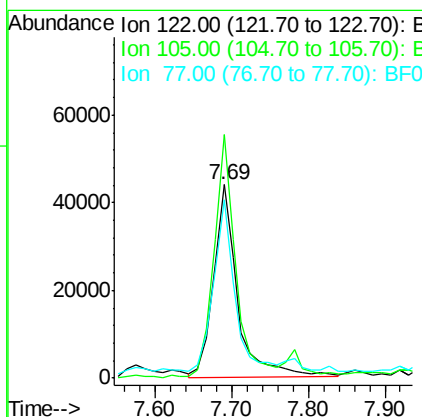
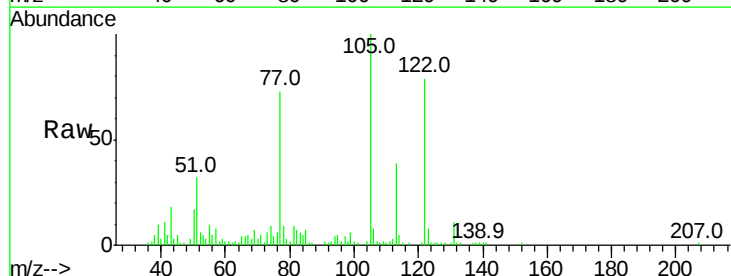
Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.4	51.6
54	44.4	40.3	60.5

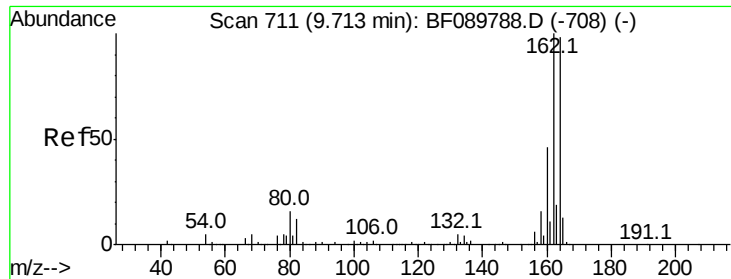


#32
 Benzoic acid
 Concen: 4.22 ng
 RT: 7.69 min Scan# 534
 Delta R.T. -0.07 min
 Lab File: BF089885.D
 Acq: 24 Aug 2016 20:00

Tgt Ion:122 Resp: 94232

Ion	Ratio	Lower	Upper
122	100		
105	125.8	100.8	140.8
77	92.3	72.1	112.1

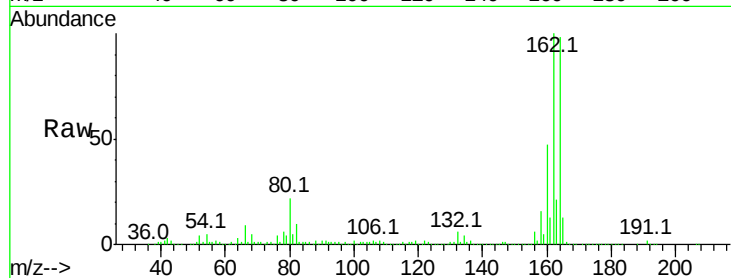




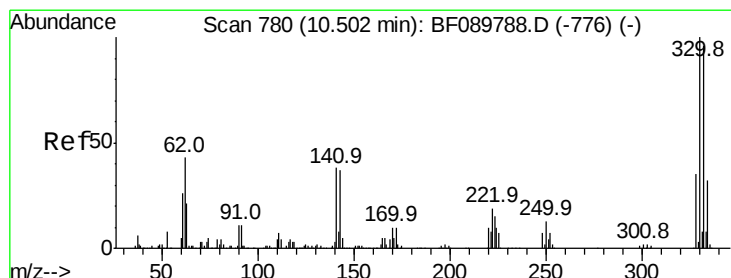
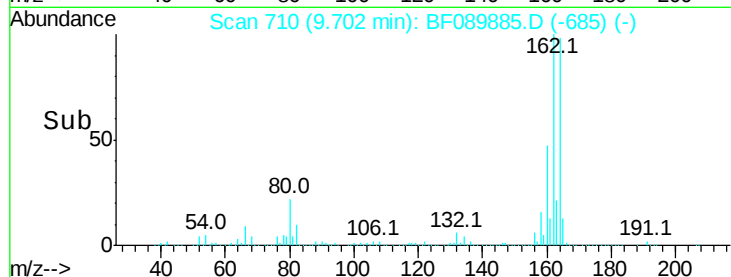
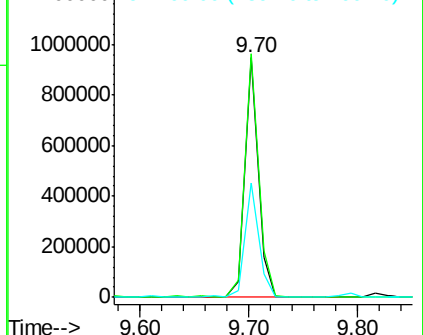
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089885.D
 Acq: 24 Aug 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 GW-MW04-081816

Tot Ion:164 Resp: 802864
 Ion Ratio Lower Upper
 164 100
 162 101.6 81.4 122.2
 160 47.9 37.8 56.6

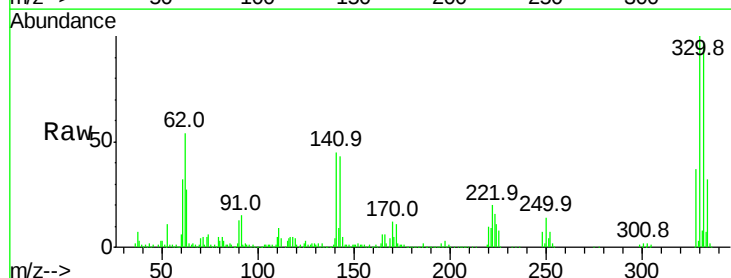


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

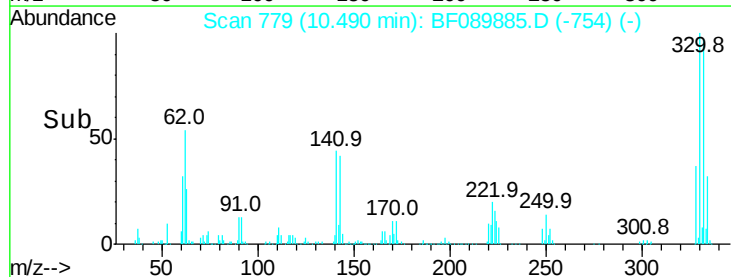
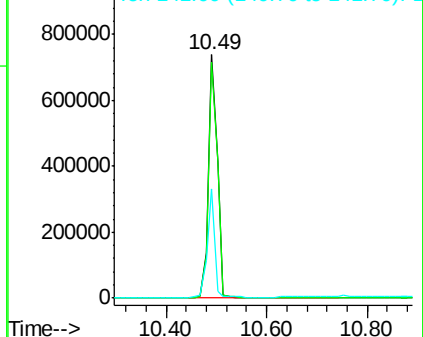


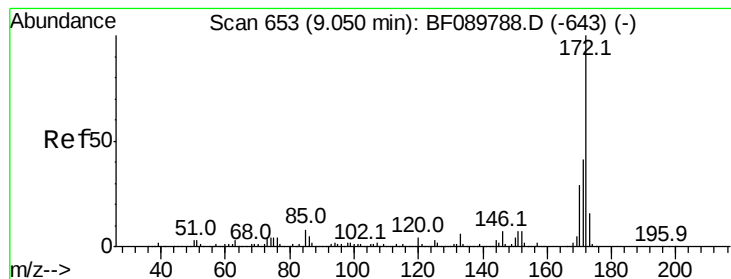
#41
 2,4,6-Tribromophenol
 Concen: 118.96 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089885.D
 Acq: 24 Aug 2016 20:00

Tgt Ion:330 Resp: 907692
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.7 115.1
 141 35.8 30.2 45.2



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: 87.01 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF089885.D

Acq: 24 Aug 2016 20:00

Instrument :

BNA_F

ClientSampleId :

GW-MW04-081816

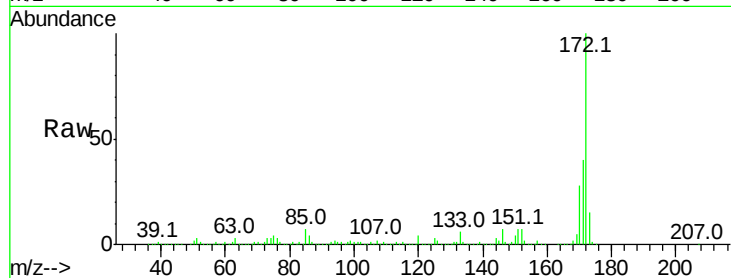
Tot Ion:172 Resp: 3974863

Ion Ratio Lower Upper

172 100

171 39.8 30.5 45.7

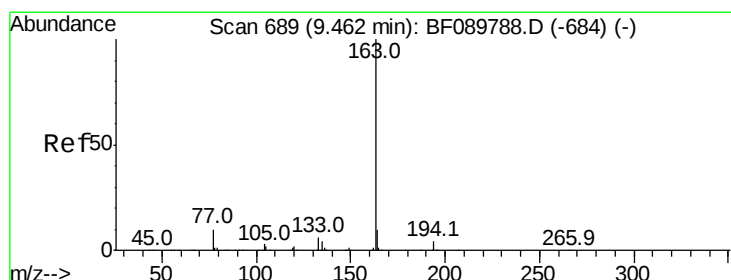
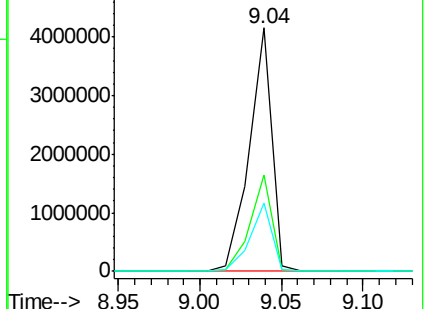
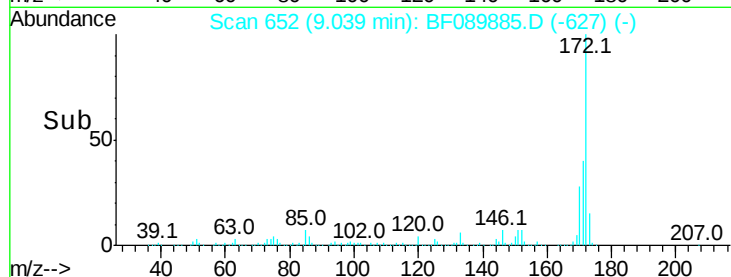
170 27.8 20.6 31.0



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: 7.92 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089885.D

Acq: 24 Aug 2016 20:00

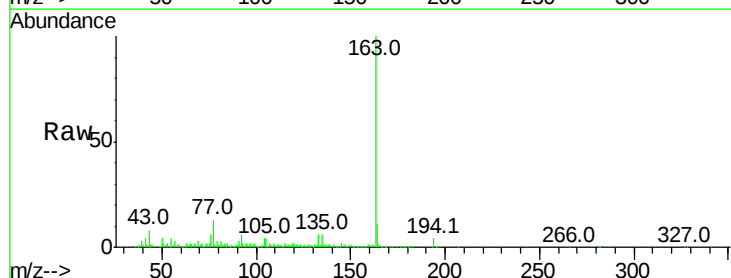
Tgt Ion:163 Resp: 447803

Ion Ratio Lower Upper

163 100

194 3.7 2.6 3.8

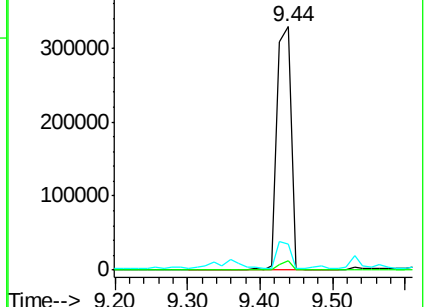
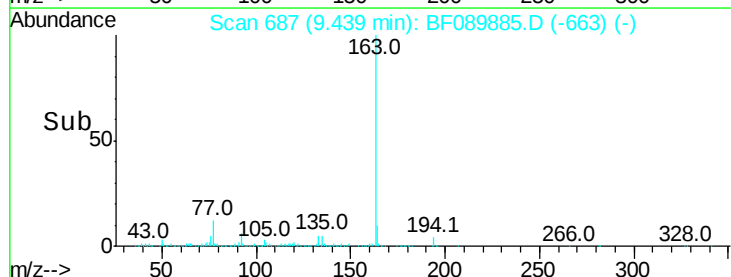
164 10.7 8.6 12.8

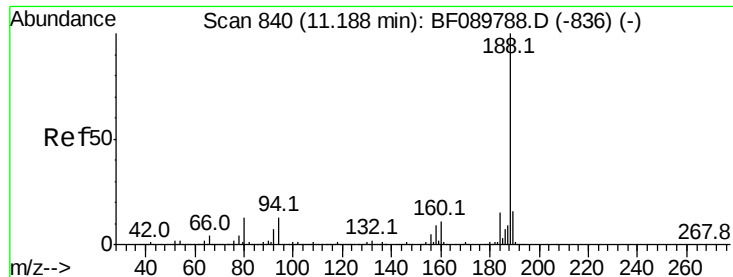


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

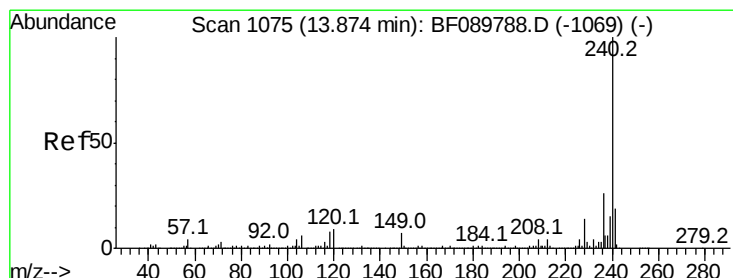
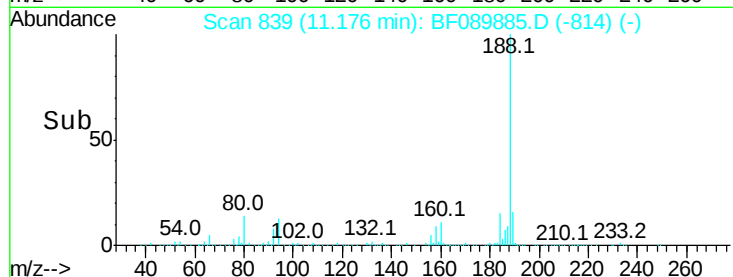
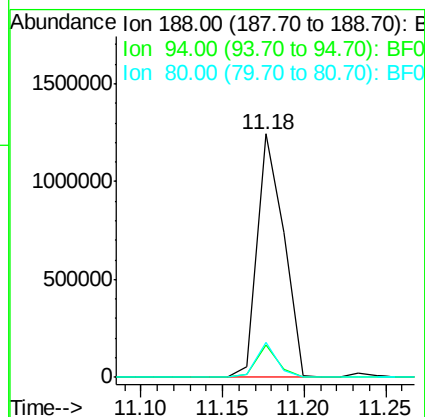
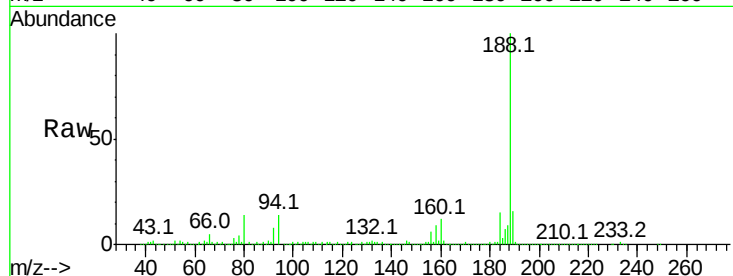




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089885.D
Acq: 24 Aug 2016 20:00

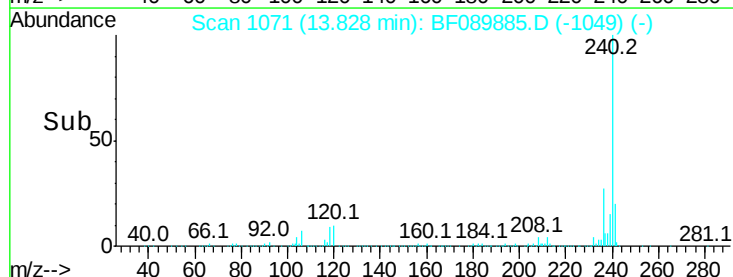
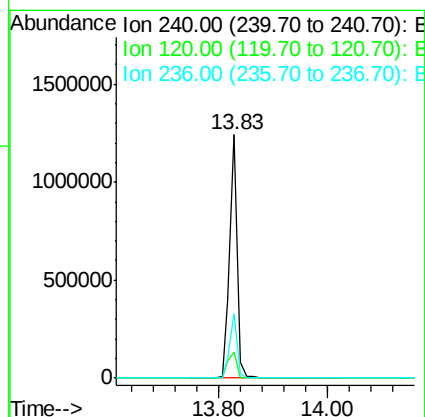
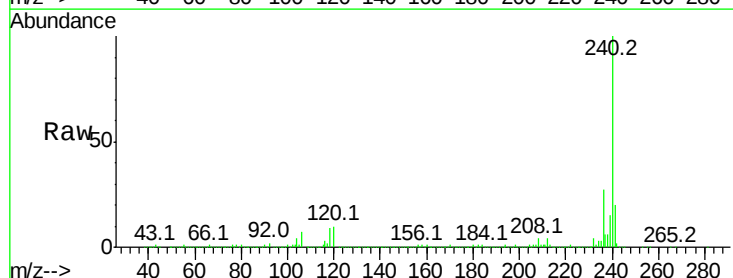
Instrument :
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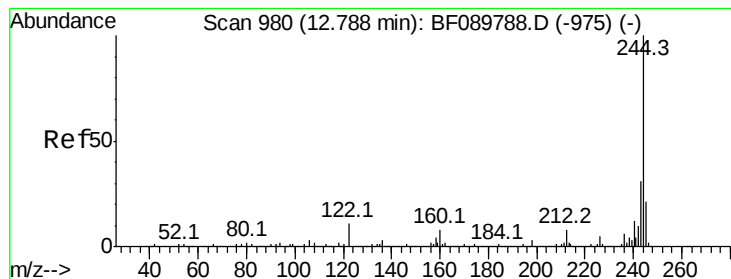
Tot Ion:188 Resp: 1403611
Ion Ratio Lower Upper
188 100
94 13.6 10.2 15.2
80 14.3 10.9 16.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.05 min
Lab File: BF089885.D
Acq: 24 Aug 2016 20:00

Tgt Ion:240 Resp: 1206030
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 26.7 21.3 31.9





#78

Terphenyl-d14

Concen: 65.28 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089885.D

Acq: 24 Aug 2016 20:00

Instrument :

BNA_F

ClientSampleId :

GW-MW04-081816

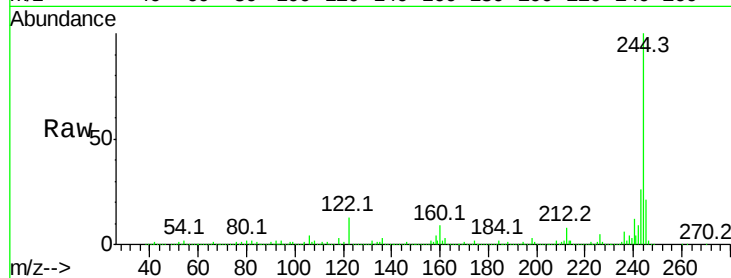
Tot Ion:244 Resp: 3480146

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

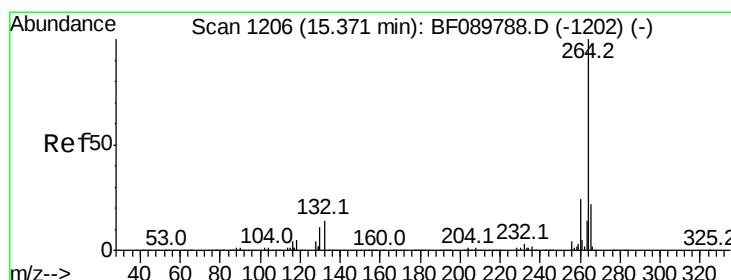
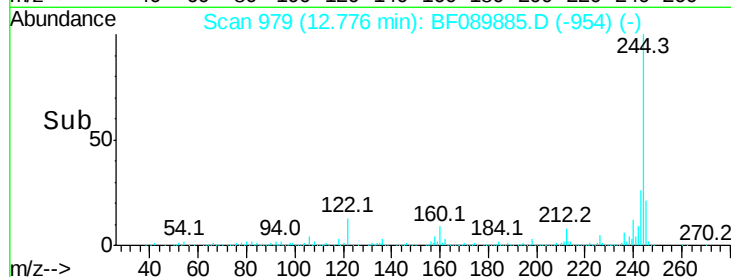
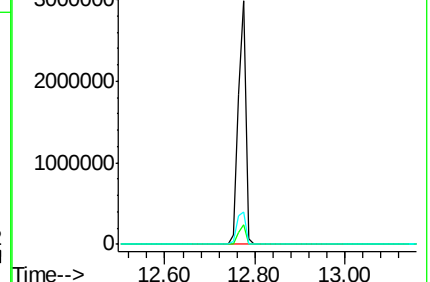
122 13.1 12.0 18.0



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: 15.28 min Scan# 1198

Delta R.T. -0.09 min

Lab File: BF089885.D

Acq: 24 Aug 2016 20:00

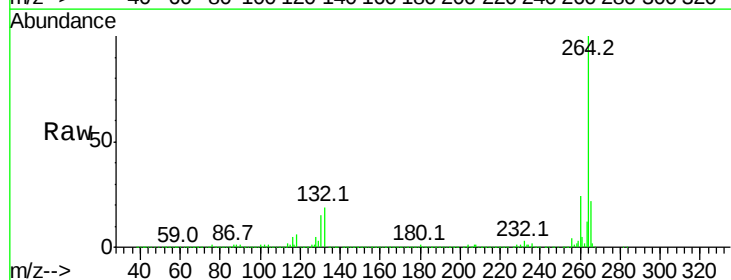
Tgt Ion:264 Resp: 912990

Ion Ratio Lower Upper

264 100

260 24.2 20.2 30.2

265 22.2 17.4 26.2



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

