

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082307.D
 Acq On : 15 Oct 2015 14:13
 Operator : UM/IZ
 Sample : G4016-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-1

Quant Time: Oct 16 02:00:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:04:42 2015
 Response via : Initial Calibration

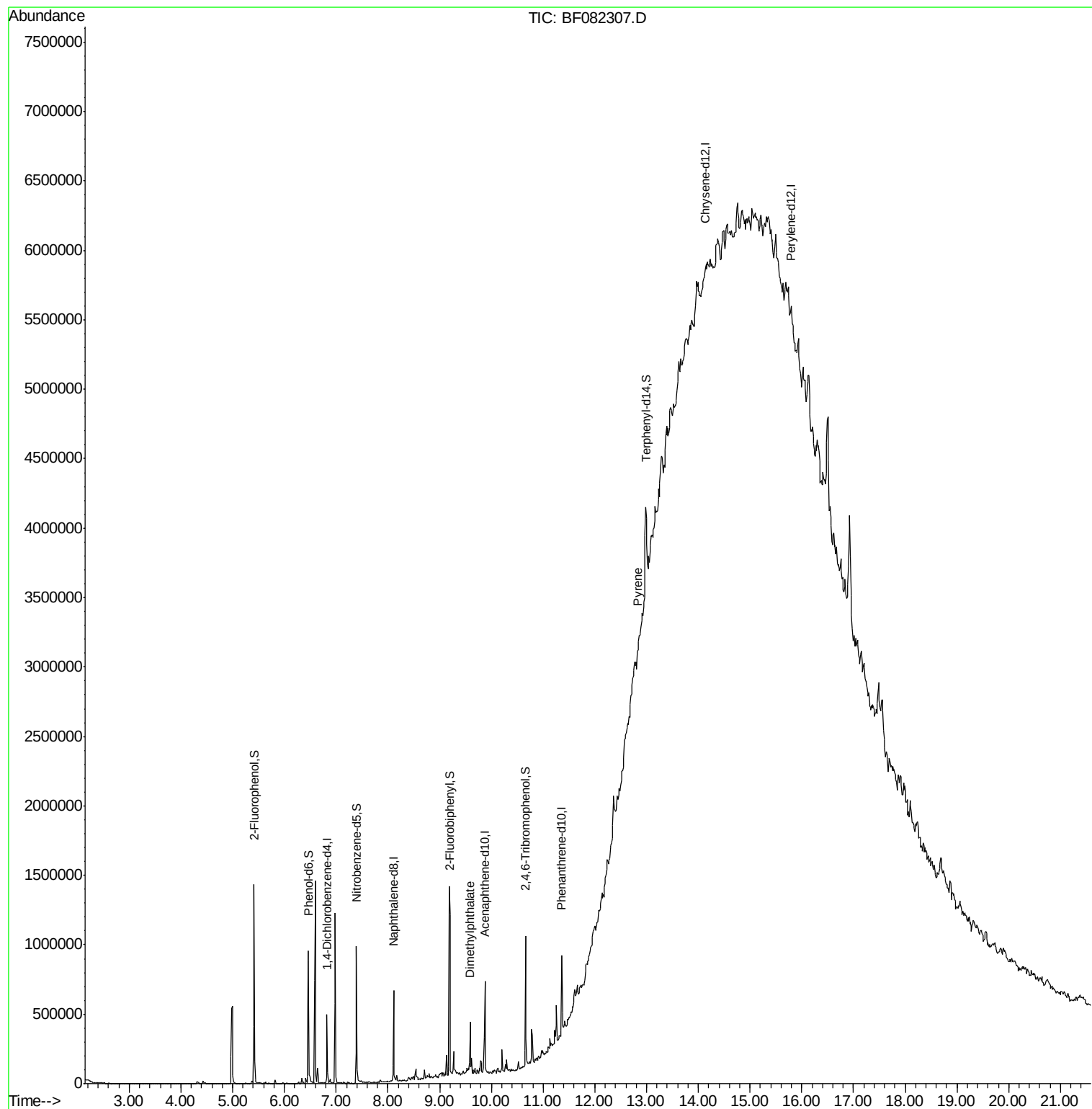
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	77746	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	303722	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	137863	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	223252	20.00	ng	0.00
75) Chrysene-d12	14.14	240	128938	20.00	ng	0.05
86) Perylene-d12	15.80	264	120905	20.00	ng	0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	410507	106.56	ng	0.00
7) Phenol-d6	6.47	99	535710	106.86	ng	0.00
23) Nitrobenzene-d5	7.39	82	340027	75.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	113693	87.94	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	666864	80.22	ng	0.00
78) Terphenyl-d14	12.98	244	435183	89.44	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.59	163	76499	7.88	ng	Qvalue 100
77) Pyrene	12.84	202	23607	3.09	ng	# 48

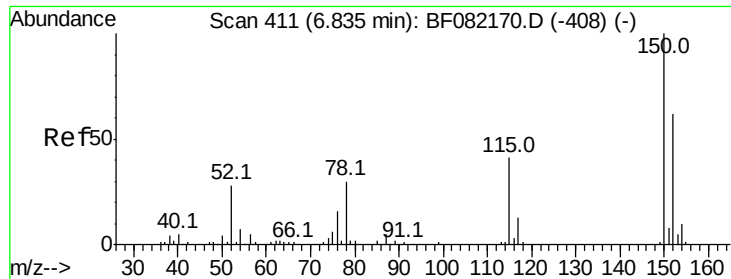
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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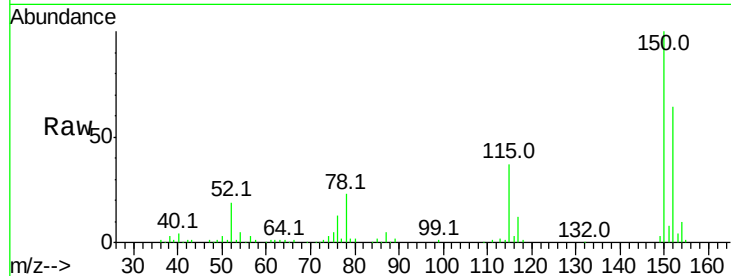


#1

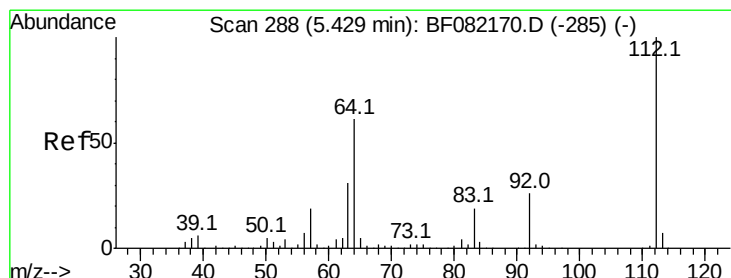
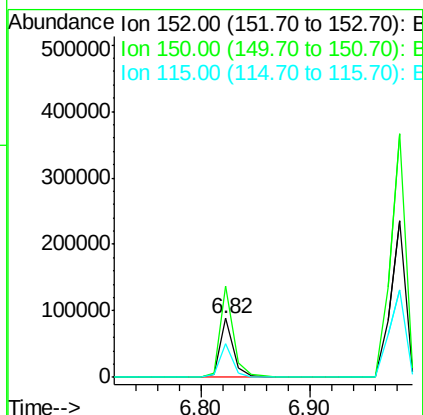
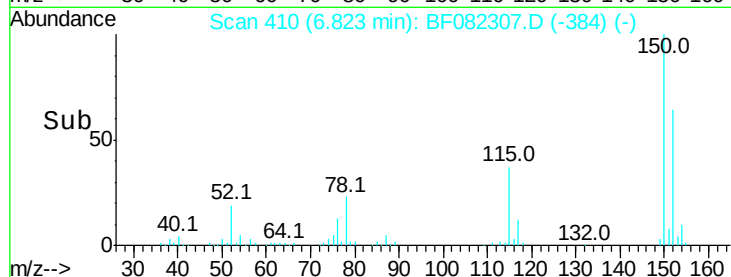
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082307.D
Acq: 15 Oct 2015 14:13

Instrument :
BNA_F
ClientSampleId :
CS-1

Tot Ion:152 Resp: 77746
Ion Ratio Lower Upper
152 100
150 156.4 129.0 193.4
115 58.1 52.1 78.1



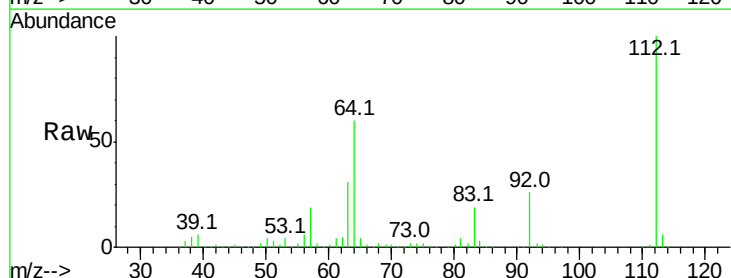
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



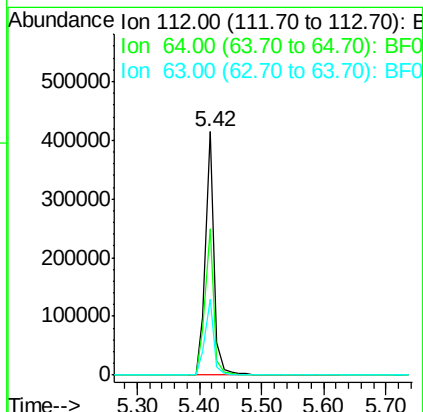
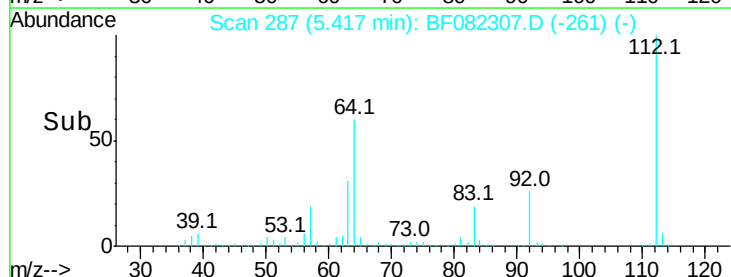
#5

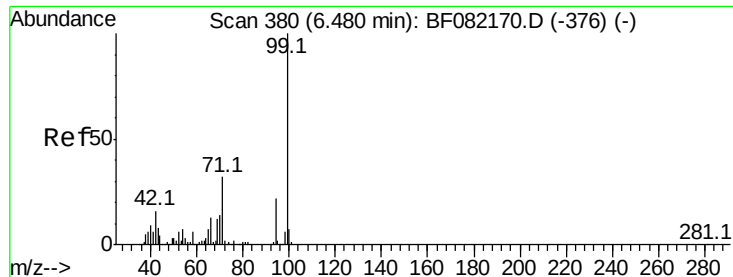
2-Fluorophenol
Concen: 106.56 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF082307.D
Acq: 15 Oct 2015 14:13

Tgt Ion:112 Resp: 410507
Ion Ratio Lower Upper
112 100
64 59.9 48.6 73.0
63 31.3 25.1 37.7



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: 106.86 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082307.D

Acq: 15 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

CS-1

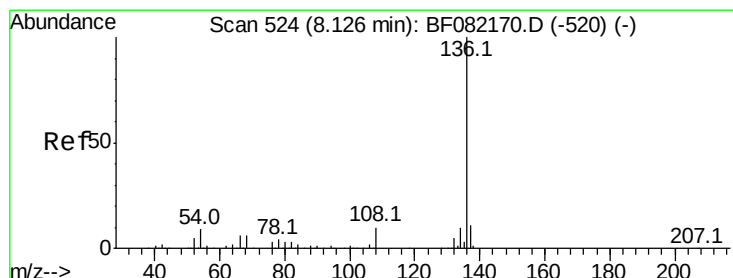
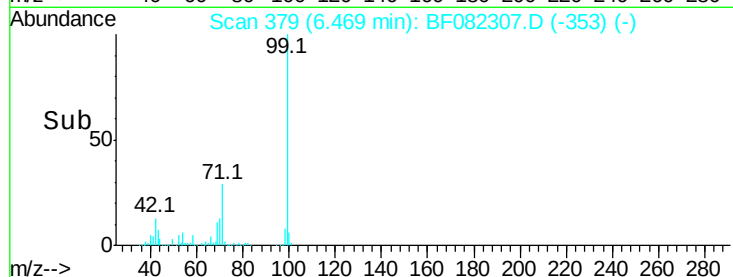
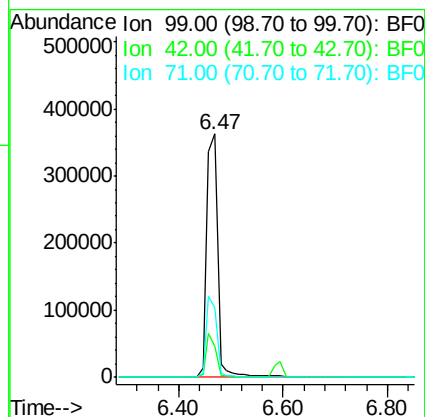
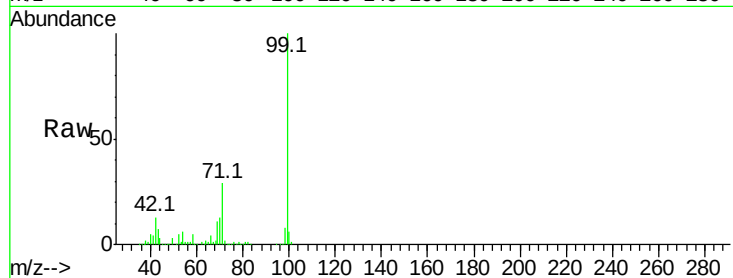
Tot Ion: 99 Resp: 535710

Ion Ratio Lower Upper

99 100

42 12.7 13.2 19.8#

71 28.7 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082307.D

Acq: 15 Oct 2015 14:13

Tgt Ion: 136 Resp: 303722

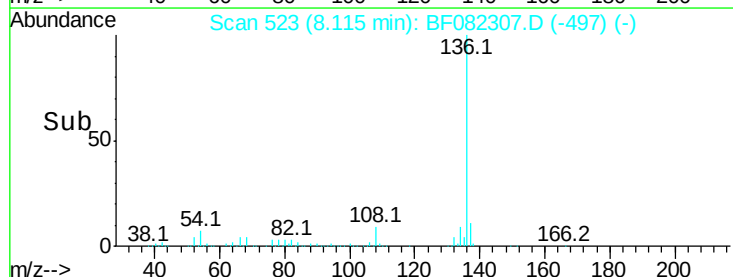
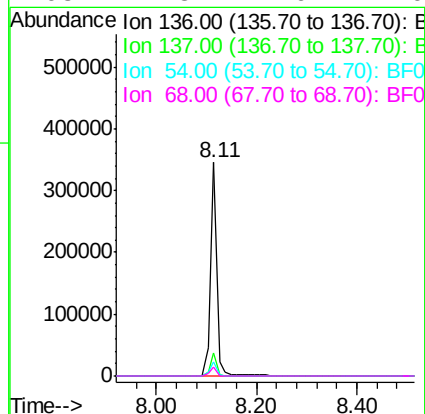
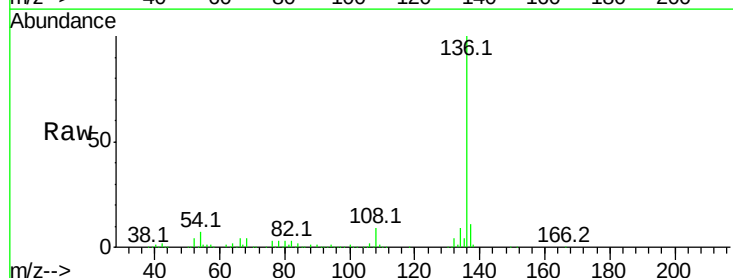
Ion Ratio Lower Upper

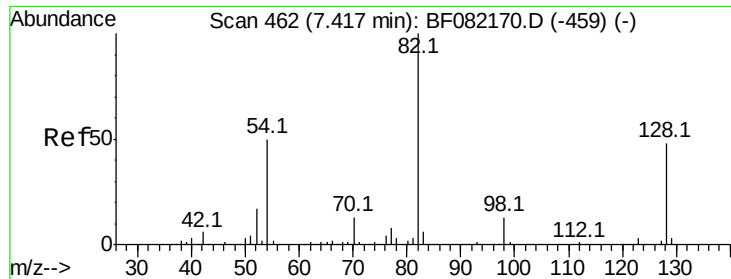
136 100

137 10.9 9.0 13.6

54 6.7 7.5 11.3#

68 4.3 4.6 7.0#

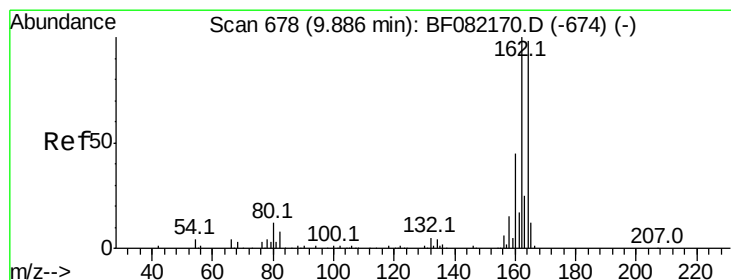
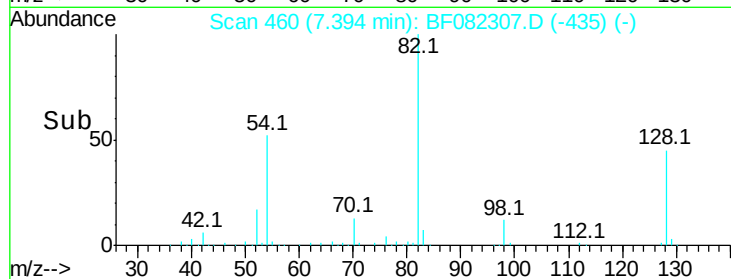
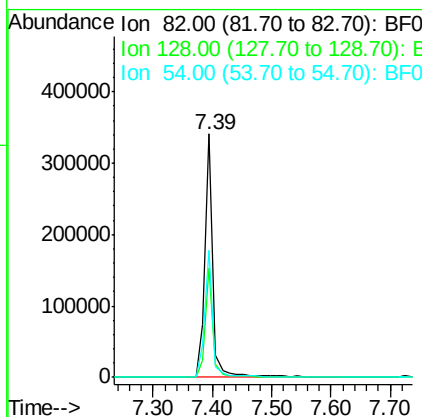
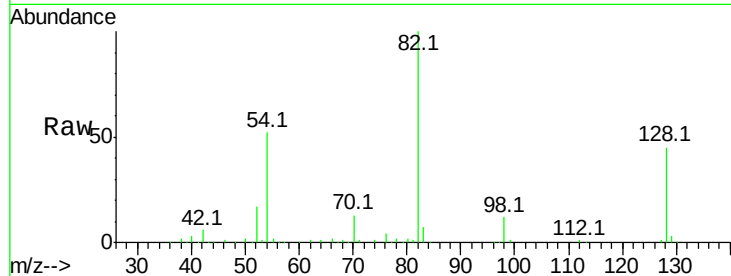




#23
 Nitrobenzene-d5
 Concen: 75.18 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082307.D
 Acq: 15 Oct 2015 14:13

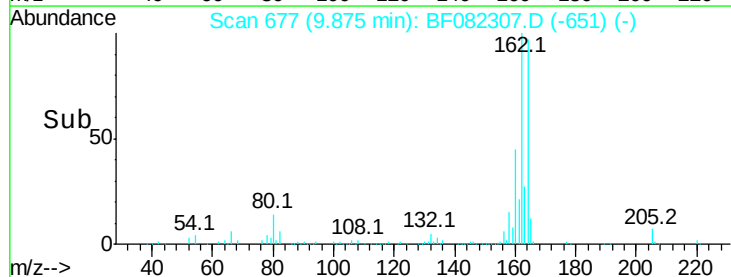
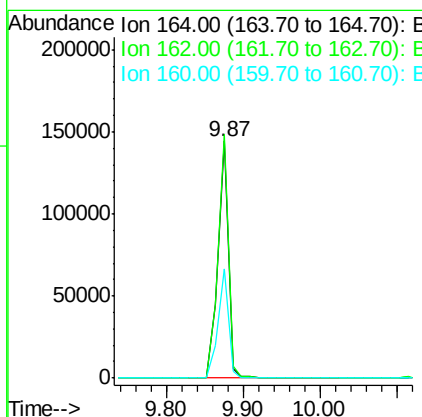
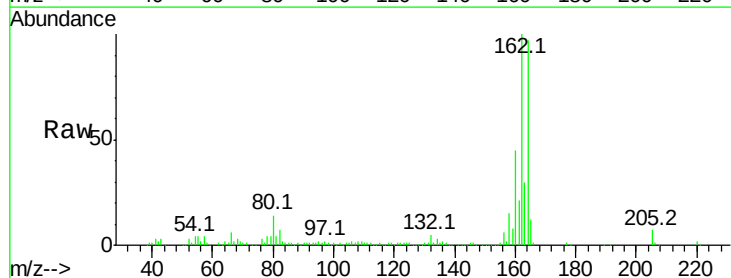
Instrument :
 BNA_F
 ClientSampled :
 CS-1

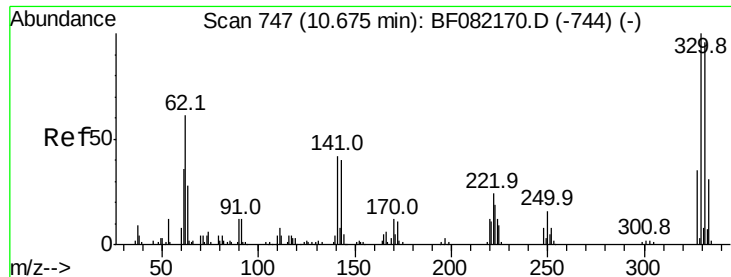
Tot Ion: 82 Resp: 340027
 Ion Ratio Lower Upper
 82 100
 128 44.9 38.7 58.1
 54 52.1 40.1 60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF082307.D
 Acq: 15 Oct 2015 14:13

Tgt Ion:164 Resp: 137863
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.6 122.4
 160 46.1 36.4 54.6

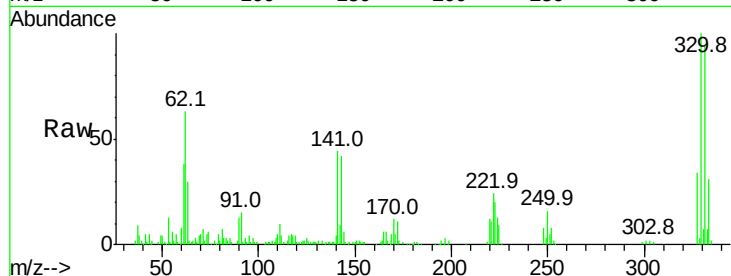




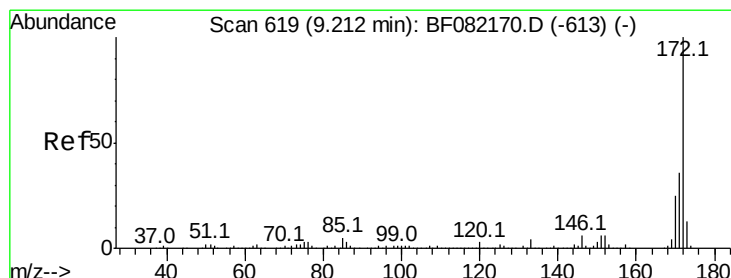
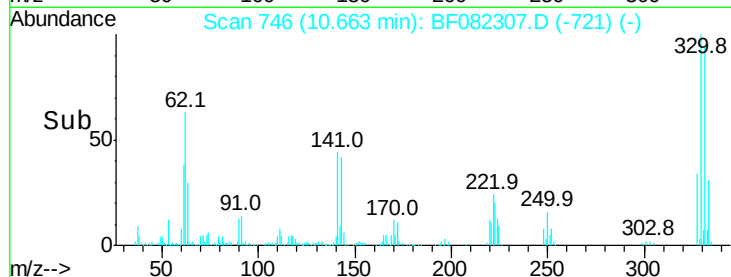
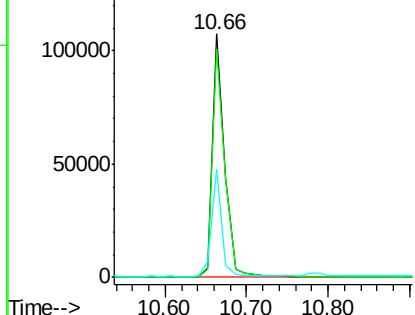
#41
 2,4,6-Tribromophenol
 Concen: 87.94 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082307.D
 Acq: 15 Oct 2015 14:13

Instrument :
 BNA_F
 ClientSampled :
 CS-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	37.5	29.8	44.8

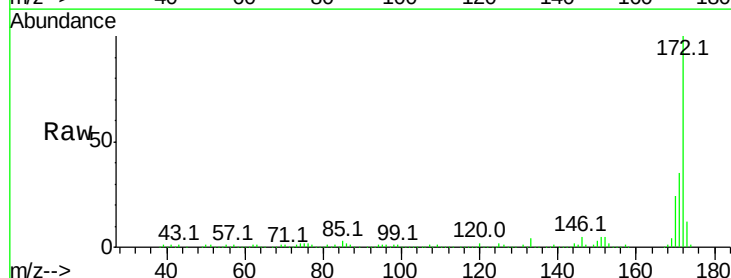


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

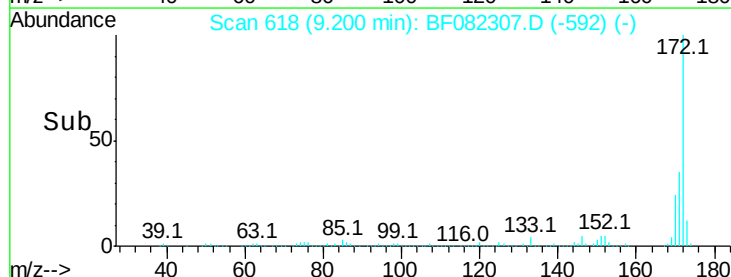
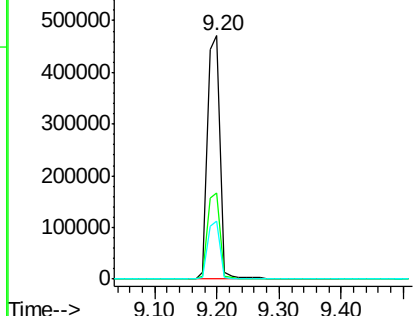


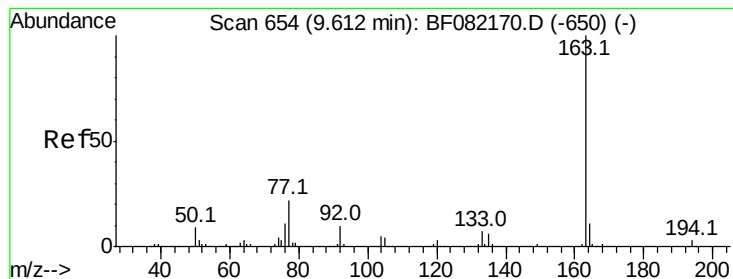
#44
 2-Fluorobiphenyl
 Concen: 80.22 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082307.D
 Acq: 15 Oct 2015 14:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	24.0	19.7	29.5



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: 7.88 ng

RT: 9.59 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF082307.D

Acq: 15 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

CS-1

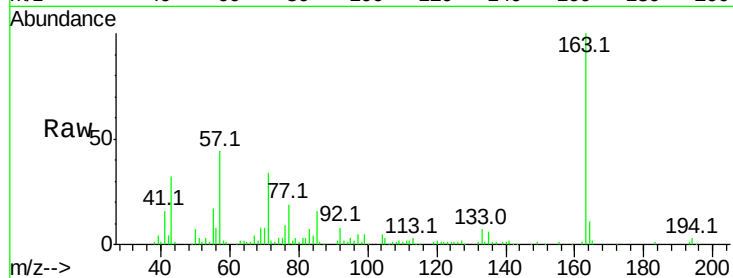
Tot Ion:163 Resp: 76499

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

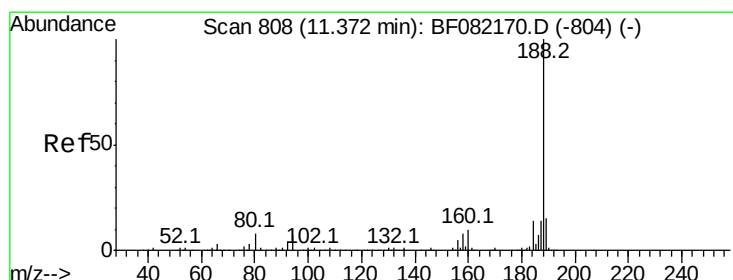
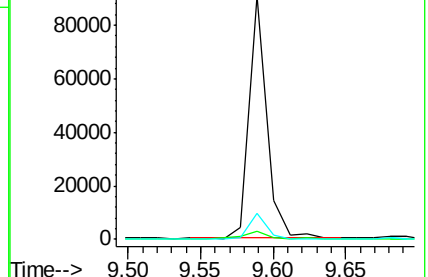
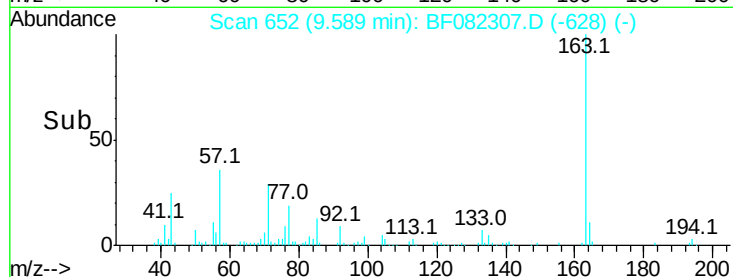
164 10.7 8.5 12.7



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: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082307.D

Acq: 15 Oct 2015 14:13

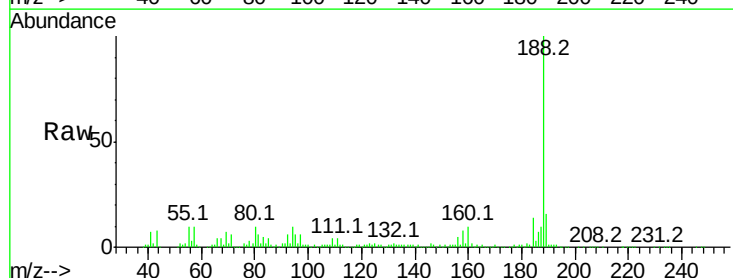
Tgt Ion:188 Resp: 223252

Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.6#

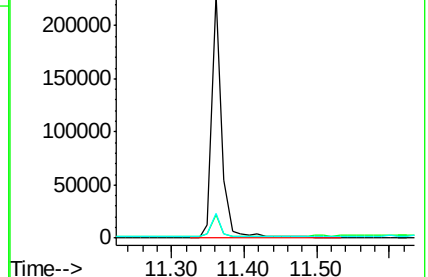
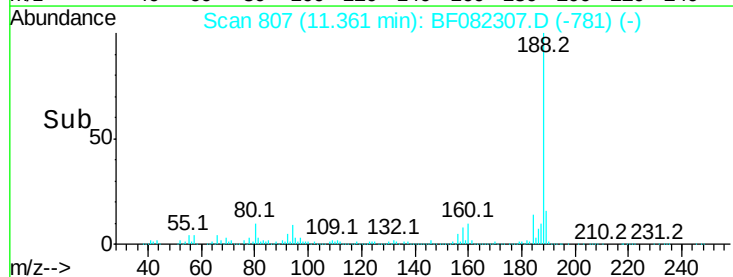
80 10.3 6.4 9.6#

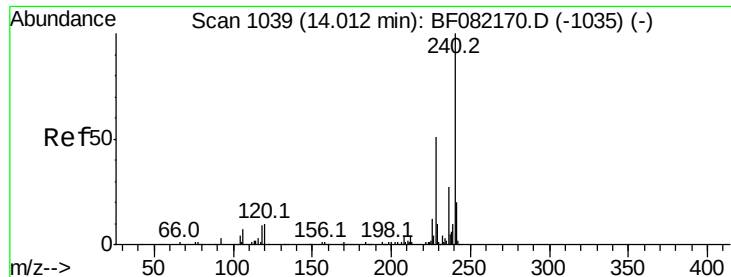


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.14 min Scan# 1050

Delta R.T. 0.05 min

Lab File: BF082307.D

Acq: 15 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

CS-1

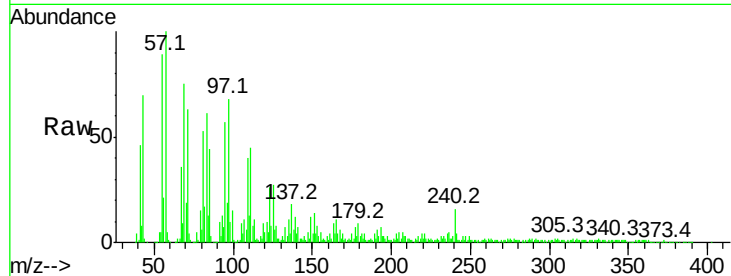
Tot Ion:240 Resp: 128938

Ion Ratio Lower Upper

240 100

120 29.2 8.1 12.1#

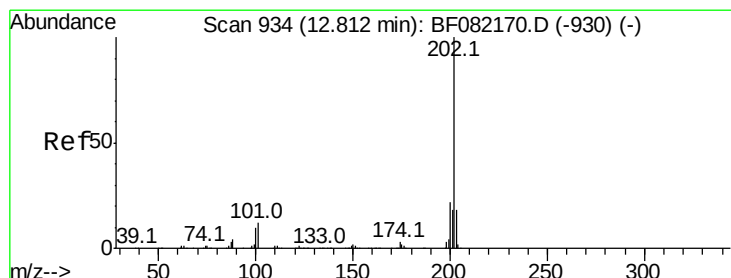
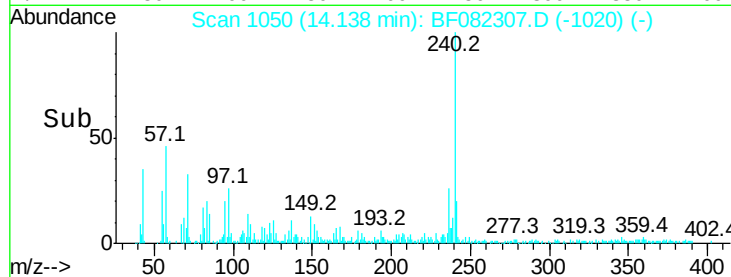
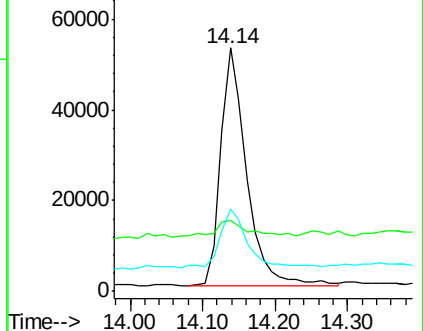
236 34.0 21.3 31.9#



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



#77

Pyrene

Concen: 3.09 ng

RT: 12.84 min Scan# 936

Delta R.T. 0.02 min

Lab File: BF082307.D

Acq: 15 Oct 2015 14:13

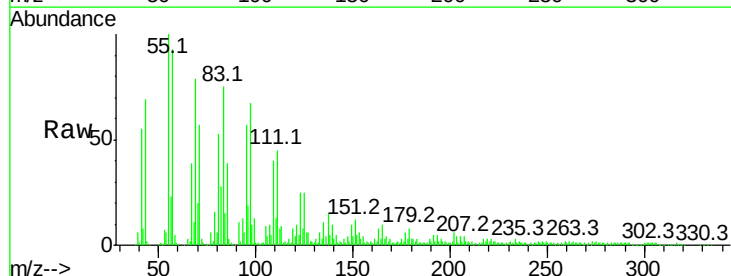
Tgt Ion:202 Resp: 23607

Ion Ratio Lower Upper

202 100

200 24.3 17.9 26.9

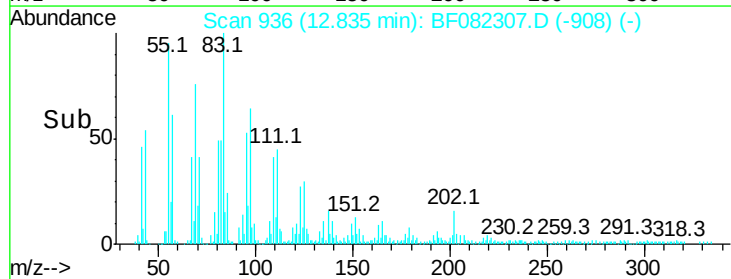
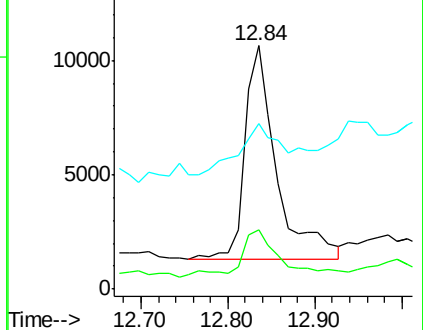
203 67.9 14.5 21.7#

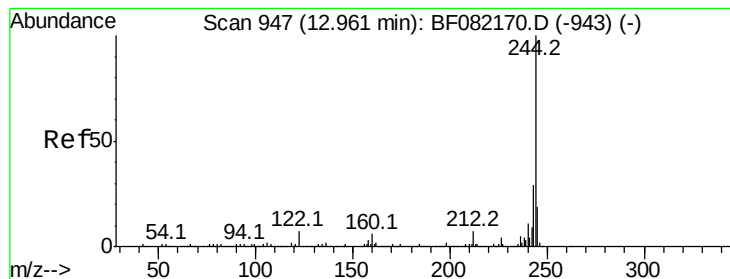


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 89.44 ng

RT: 12.98 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF082307.D

Acq: 15 Oct 2015 14:13

Instrument :

BNA_F

ClientSampled :

CS-1

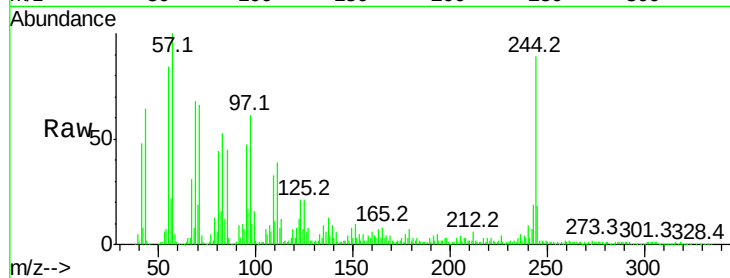
Tot Ion:244 Resp: 435183

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 13.1 5.9 8.9#

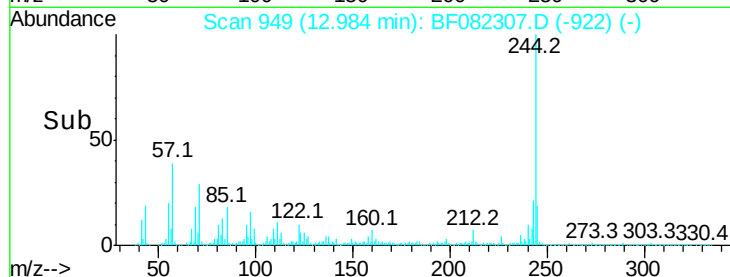


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



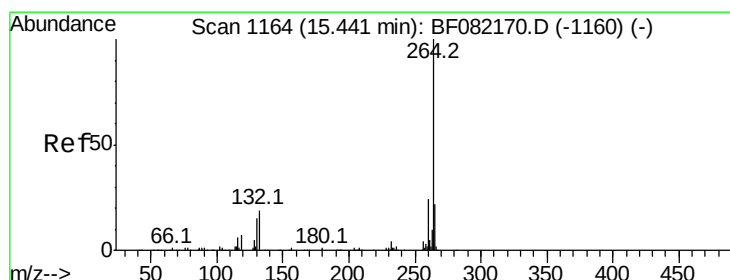
Abundance

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

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.80 min Scan# 1195

Delta R.T. 0.14 min

Lab File: BF082307.D

Acq: 15 Oct 2015 14:13

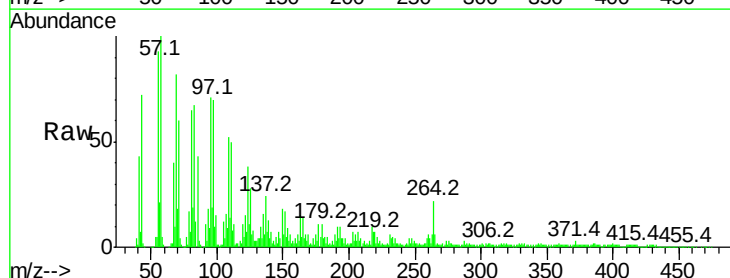
Tgt Ion:264 Resp: 120905

Ion Ratio Lower Upper

264 100

260 28.3 19.0 28.6

265 26.3 17.3 25.9#

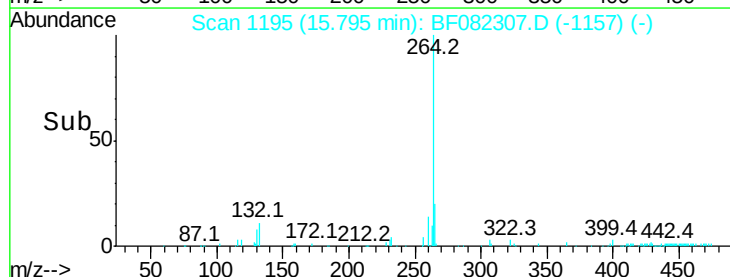


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



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

Time-->