

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
 Data File : BF083682.D
 Acq On : 10 Dec 2015 13:13
 Operator : UM/IZ
 Sample : G4650-05RE
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-13(0-2)RE

Quant Time: Dec 10 13:38:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

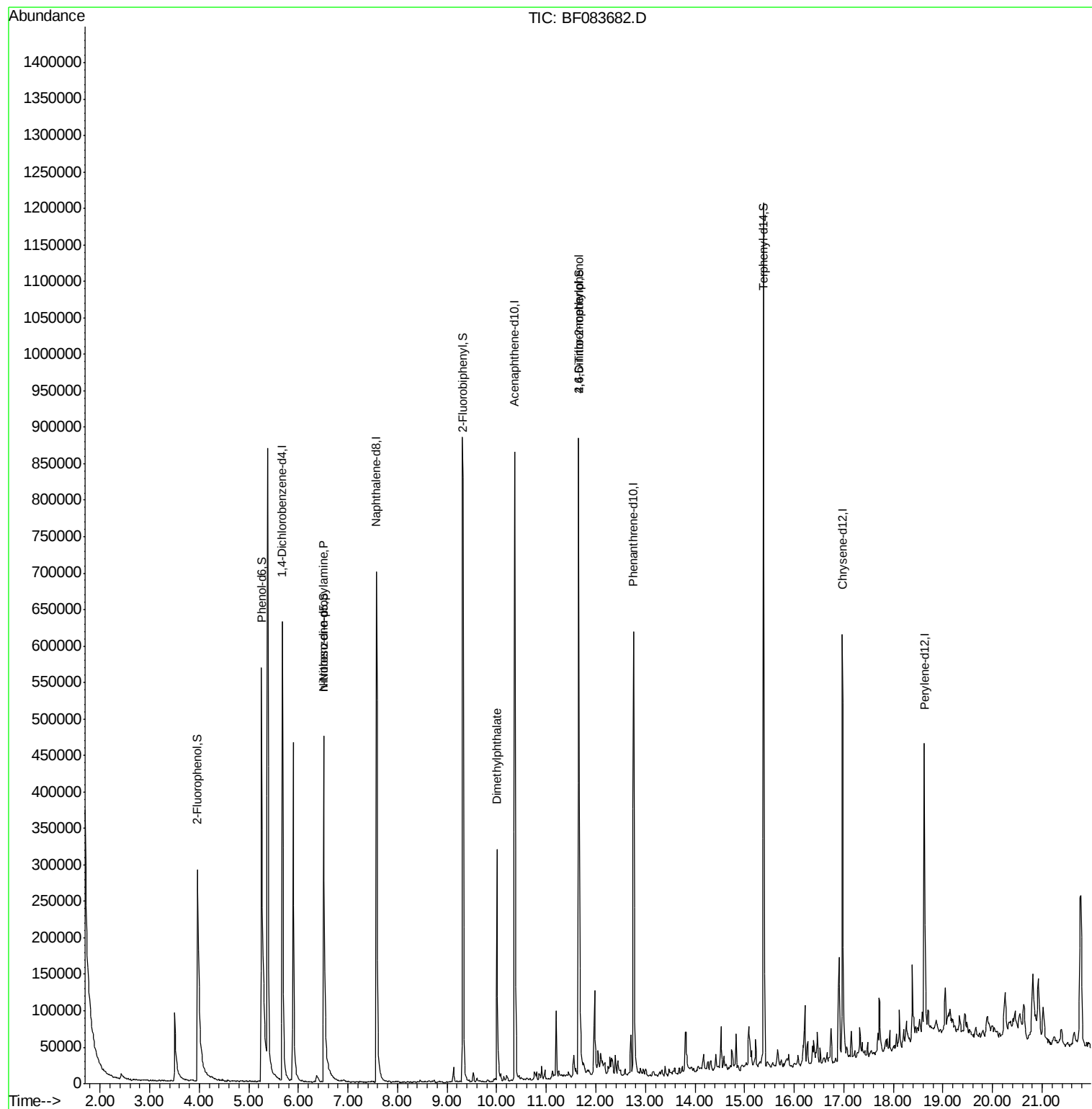
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.68	152	141402	20.00	ng	-0.02
21) Naphthalene-d8	7.57	136	534779	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	239018	20.00	ng	-0.02
63) Phenanthrene-d10	12.76	188	362958	20.00	ng	-0.02
75) Chrysene-d12	16.97	240	317494	20.00	ng	-0.02
86) Perylene-d12	18.63	264	253252	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.96	112	259456	27.83	ng	-0.01
7) Phenol-d6	5.25	99	523806	42.05	ng	-0.02
23) Nitrobenzene-d5	6.51	82	307065	26.79	ng	-0.02
41) 2,4,6-Tribromophenol	11.65	330	158036	74.22	ng	-0.03
44) 2-Fluorobiphenyl	9.32	172	482327	28.40	ng	-0.02
78) Terphenyl-d14	15.38	244	557690	41.33	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.51	70	34660	3.99	ng	# 81
49) Dimethylphthalate	10.01	163	193989	10.20	ng	97
64) 4,6-Dinitro-2-methylphenol	11.65	198	216	2.03	ng	# 1

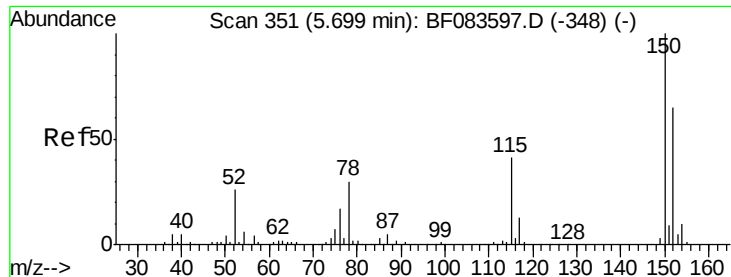
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 10 13:38:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
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QLast Update : Wed Dec 09 00:23:35 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.68 min Scan# 349

Delta R.T. -0.02 min

Lab File: BF083682.D

Acq: 10 Dec 2015 13:13

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-13(0-2)RE

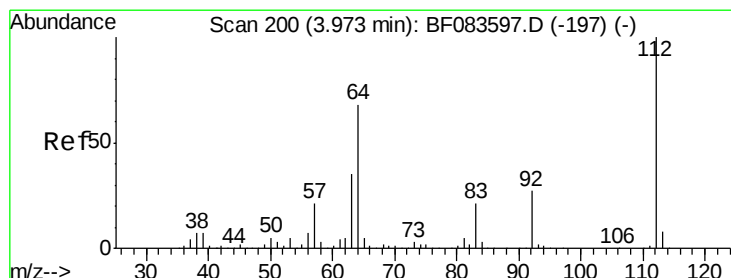
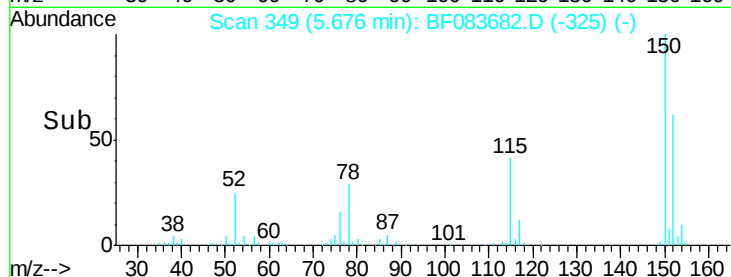
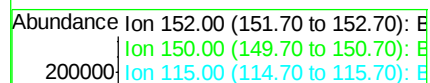
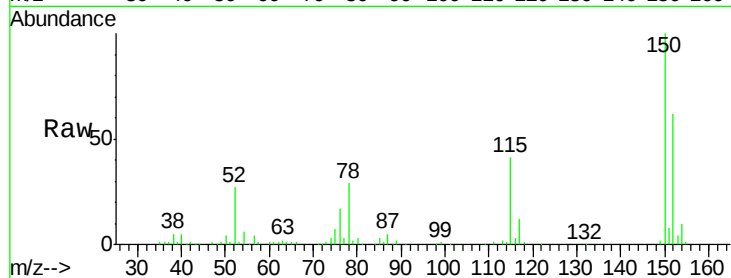
Tgt Ion:152 Resp: 141402

Ion Ratio Lower Upper

152 100

150 161.7 126.5 189.7

115 66.2 52.3 78.5



#5

2-Fluorophenol

Concen: 27.83 ng

RT: 3.96 min Scan# 199

Delta R.T. -0.01 min

Lab File: BF083682.D

Acq: 10 Dec 2015 13:13

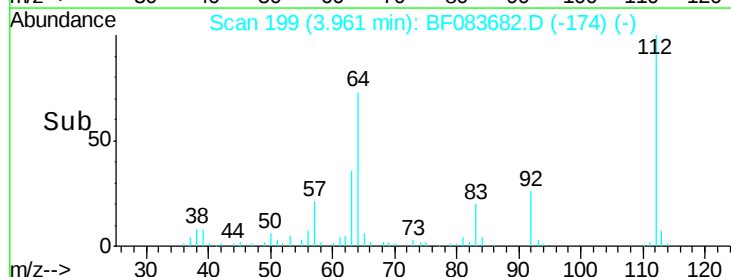
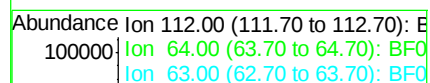
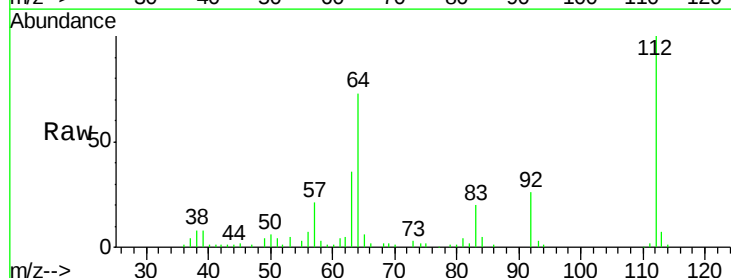
Tgt Ion:112 Resp: 259456

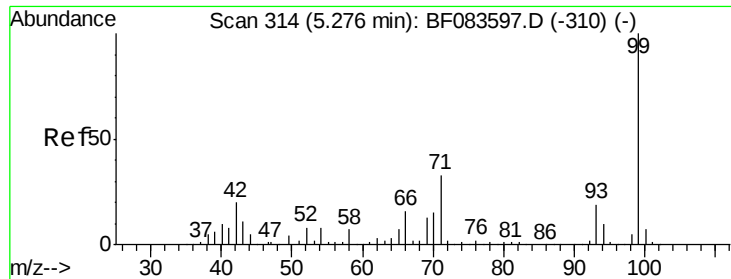
Ion Ratio Lower Upper

112 100

64 72.5 50.5 75.7

63 36.3 25.8 38.6





#7

Phenol-d6

Concen: 42.05 ng

RT: 5.25 min Scan# 312

Delta R.T. -0.02 min

Lab File: BF083682.D

Acq: 10 Dec 2015 13:13

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-13(0-2)RE

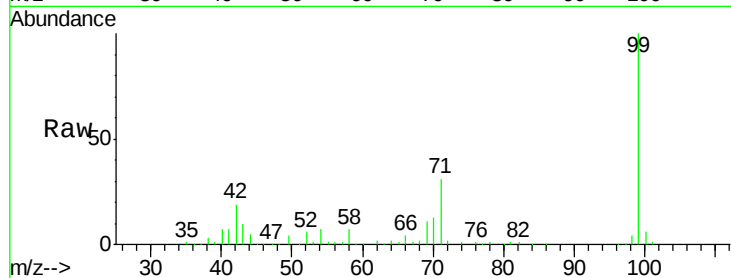
Tgt Ion: 99 Resp: 523806

Ion Ratio Lower Upper

99 100

42 18.8 17.3 25.9

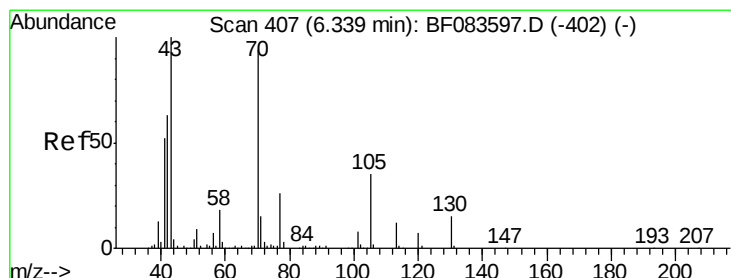
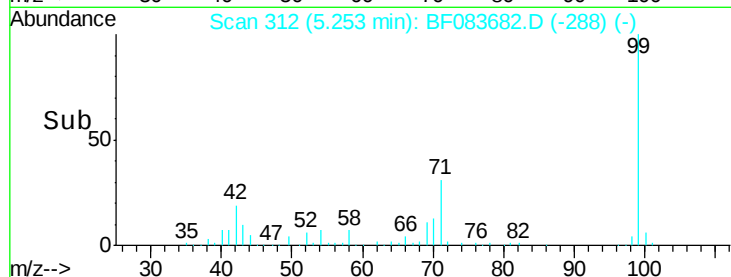
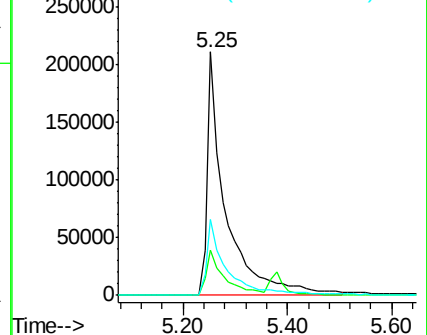
71 30.9 26.6 40.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.99 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.17 min

Lab File: BF083682.D

Acq: 10 Dec 2015 13:13

Tgt Ion: 70 Resp: 34660

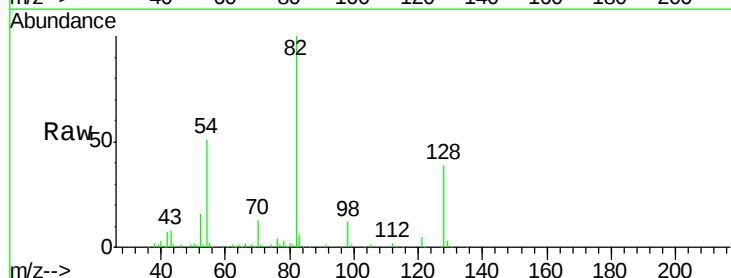
Ion Ratio Lower Upper

70 100

42 51.4 49.2 73.8

101 0.0 7.1 10.7#

130 2.4 15.4 23.0#

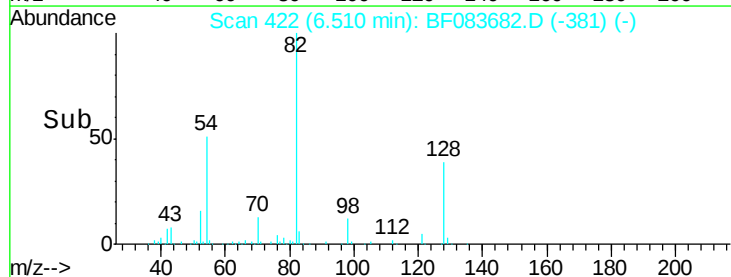
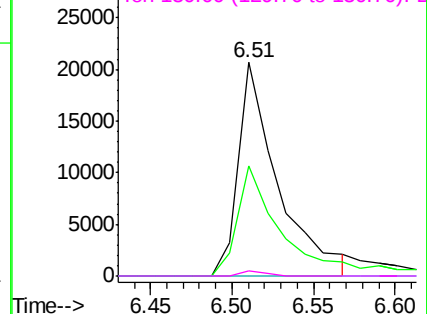


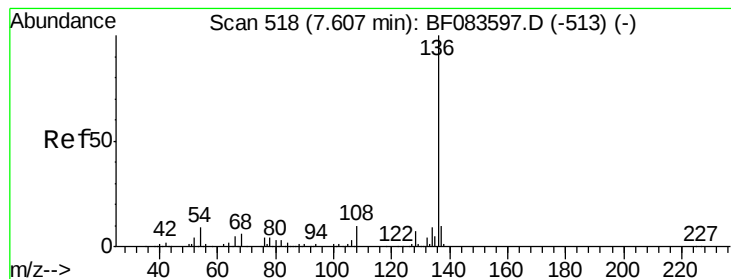
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.57 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF083682.D

Acq: 10 Dec 2015 13:13

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-13(0-2)RE

Tgt Ion:136 Resp: 534779

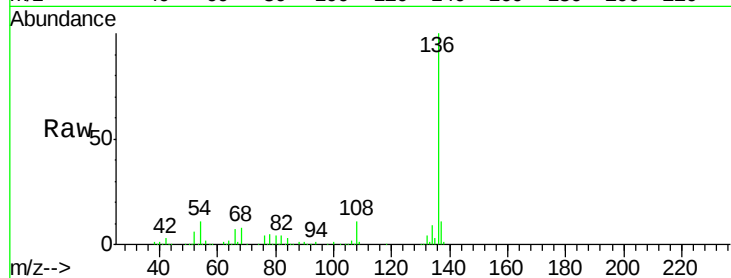
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.3 7.8 11.6

68 8.1 5.7 8.5

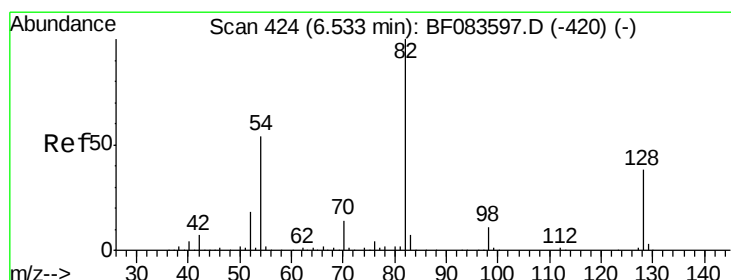
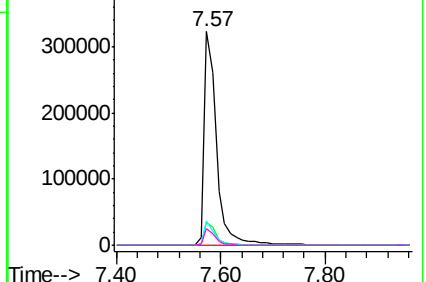
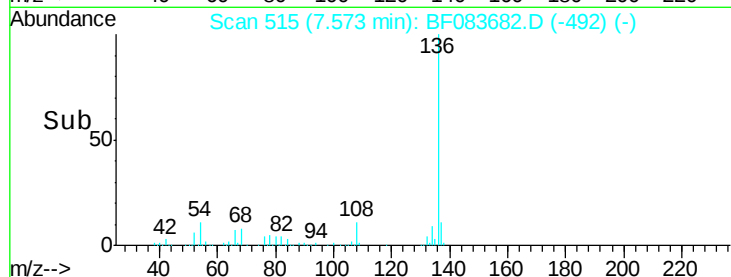


Abundance Ion 136.00 (135.70 to 136.70): E

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: 26.79 ng

RT: 6.51 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF083682.D

Acq: 10 Dec 2015 13:13

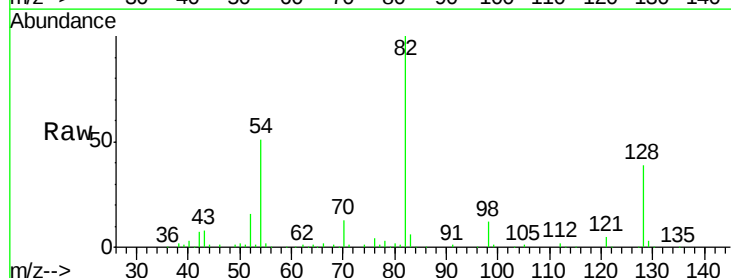
Tgt Ion: 82 Resp: 307065

Ion Ratio Lower Upper

82 100

128 38.7 30.7 46.1

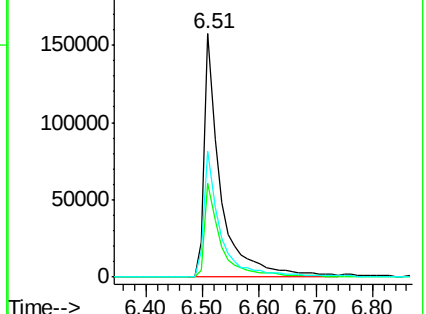
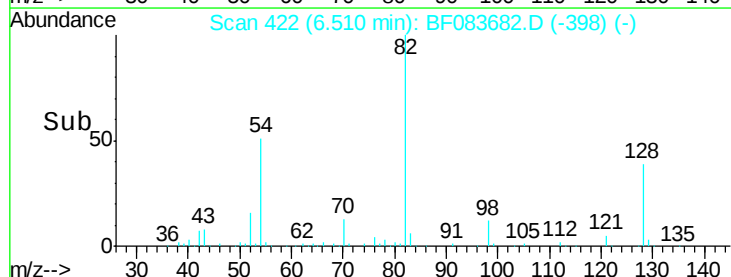
54 51.5 42.5 63.7

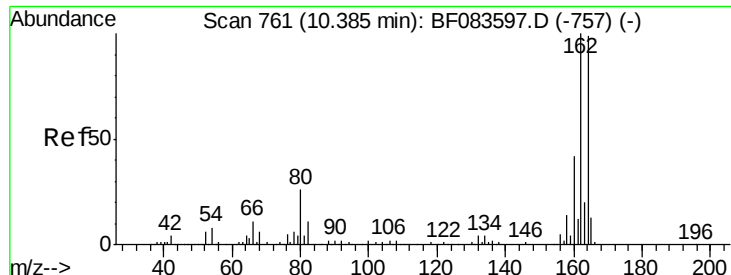


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

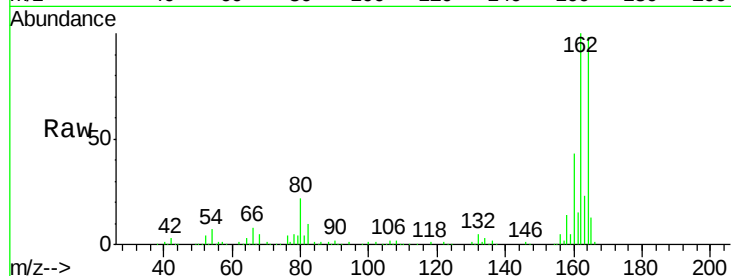




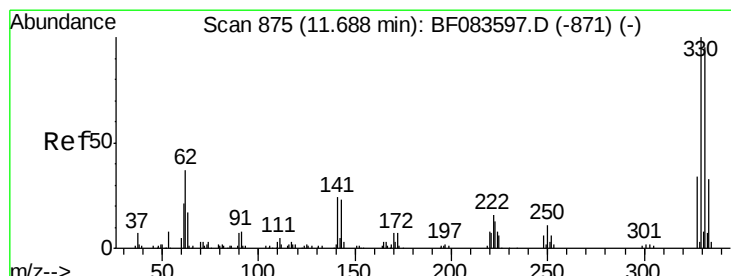
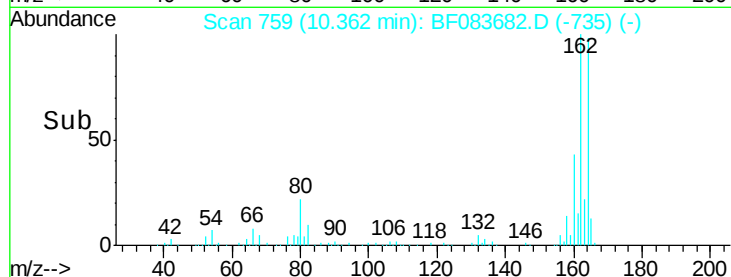
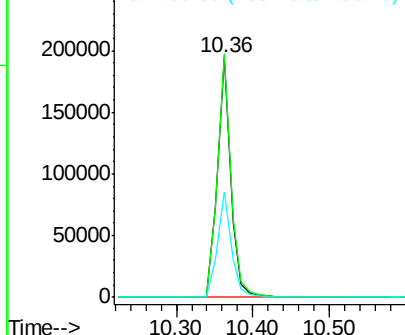
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083682.D
Acq: 10 Dec 2015 13:13

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)RE

Tgt Ion:164 Resp: 239018
Ion Ratio Lower Upper
164 100
162 101.7 78.8 118.2
160 44.0 33.4 50.2

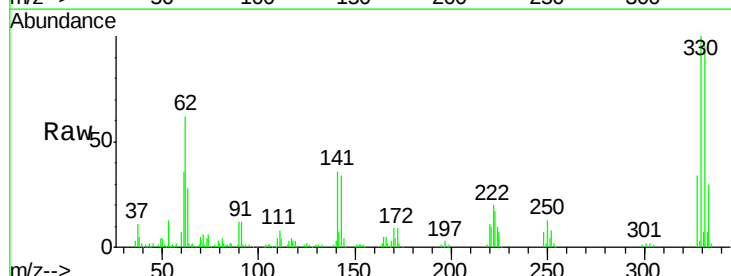


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

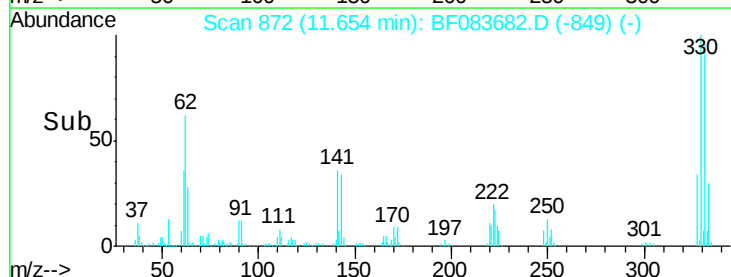
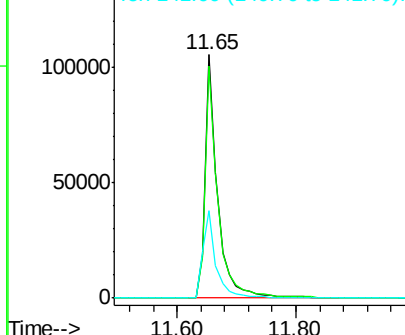


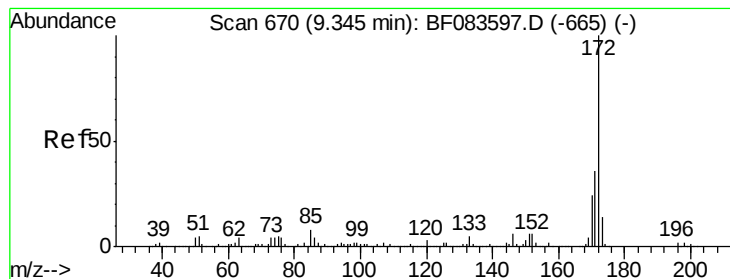
#41
2,4,6-Tribromophenol
Concen: 74.22 ng
RT: 11.65 min Scan# 872
Delta R.T. -0.03 min
Lab File: BF083682.D
Acq: 10 Dec 2015 13:13

Tgt Ion:330 Resp: 158036
Ion Ratio Lower Upper
330 100
332 96.7 0.0 0.0#
141 38.5 0.0 0.0#



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

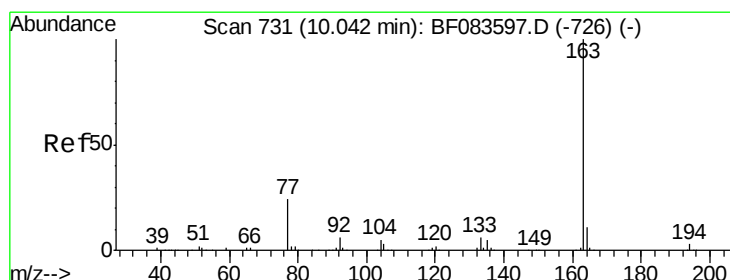
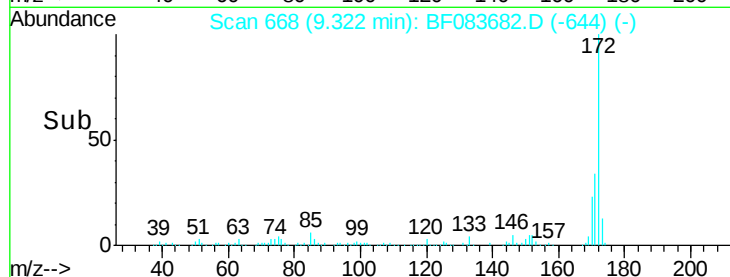
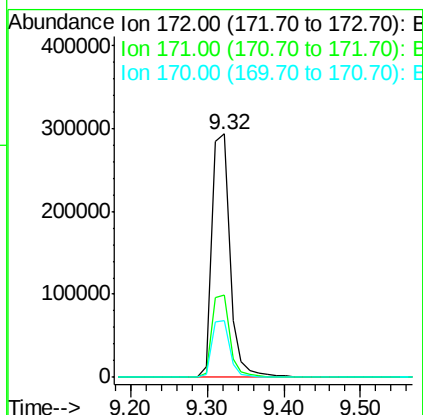
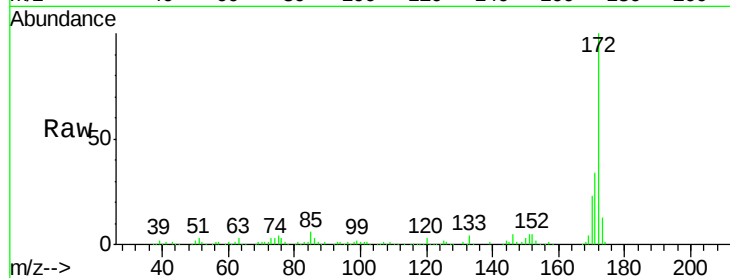




#44
2-Fluorobiphenyl
Concen: 28.40 ng
RT: 9.32 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF083682.D
Acq: 10 Dec 2015 13:13

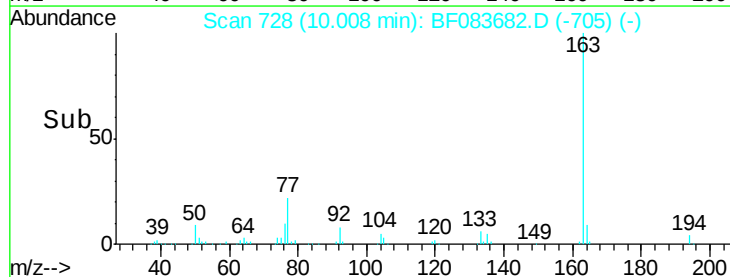
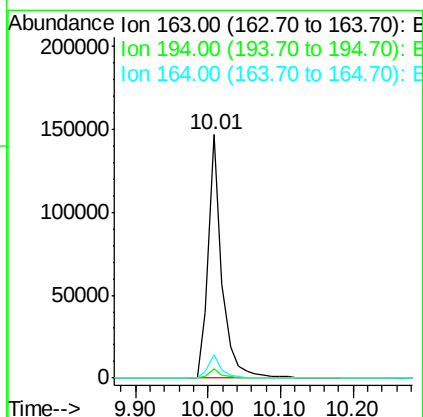
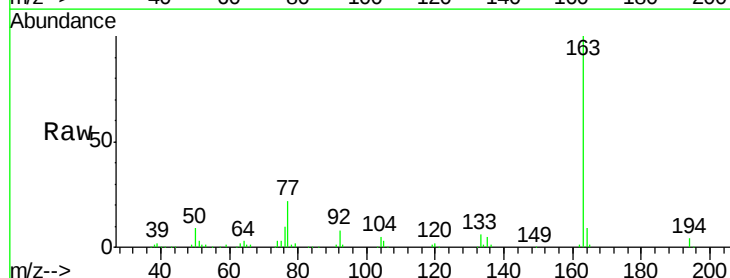
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BRIDGE14-13(0-2)RE

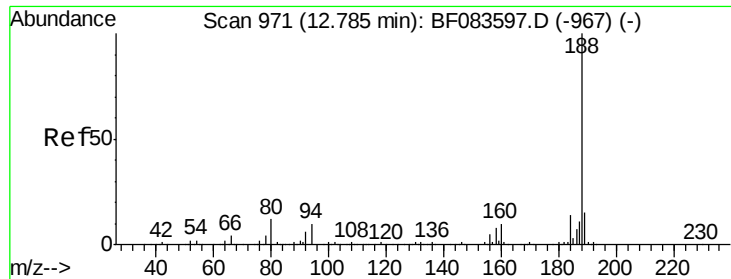
Tgt Ion:172 Resp: 482327
Ion Ratio Lower Upper
172 100
171 34.0 28.6 42.8
170 23.4 19.4 29.0



#49
Dimethylphthalate
Concen: 10.20 ng
RT: 10.01 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF083682.D
Acq: 10 Dec 2015 13:13

Tgt Ion:163 Resp: 193989
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.4 8.6 13.0

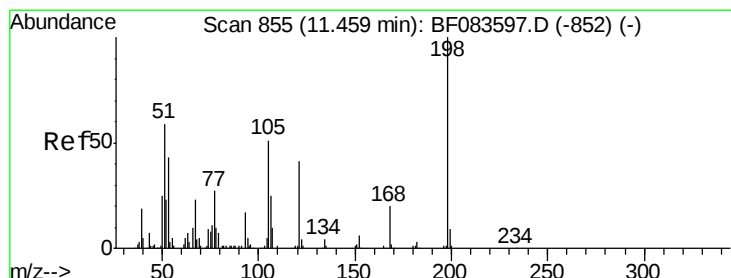
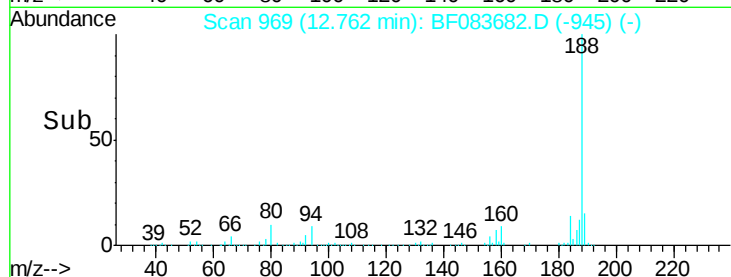
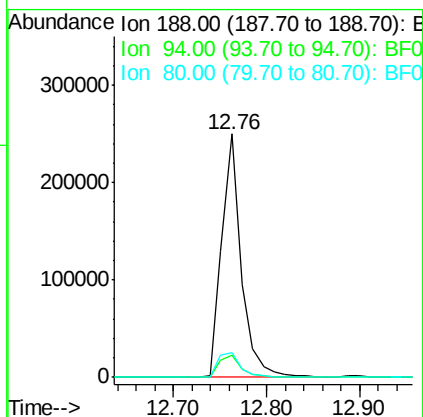
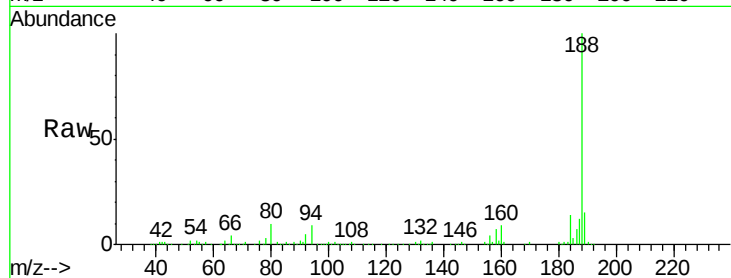




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083682.D
Acq: 10 Dec 2015 13:13

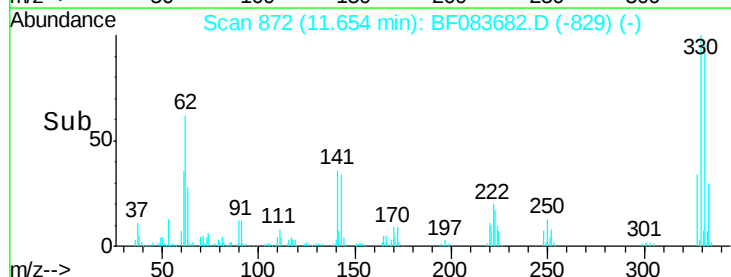
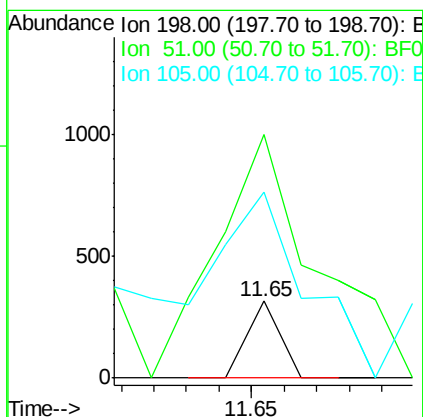
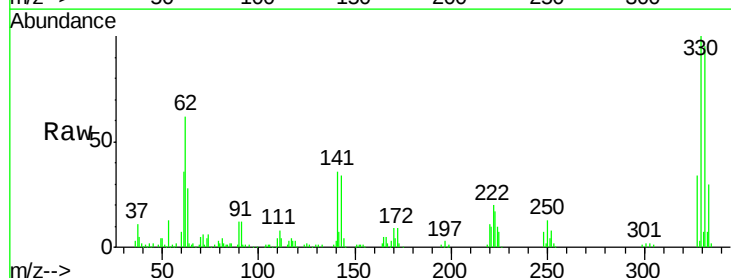
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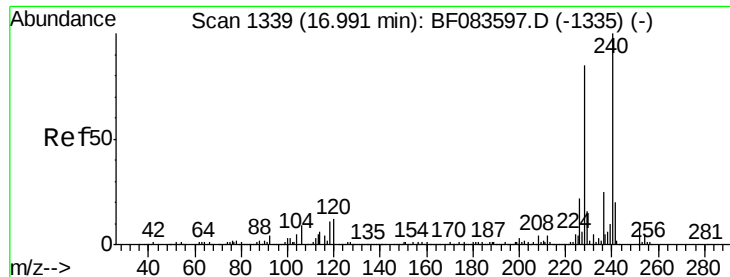
Tgt Ion:188 Resp: 362958
Ion Ratio Lower Upper
188 100
94 9.0 9.4 14.2#
80 10.2 10.6 16.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.03 ng
RT: 11.65 min Scan# 872
Delta R.T. 0.19 min
Lab File: BF083682.D
Acq: 10 Dec 2015 13:13

Tgt Ion:198 Resp: 216
Ion Ratio Lower Upper
198 100
51 316.8 53.8 93.8#
105 241.6 38.6 78.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.97 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF083682.D

Acq: 10 Dec 2015 13:13

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-13(0-2)RE

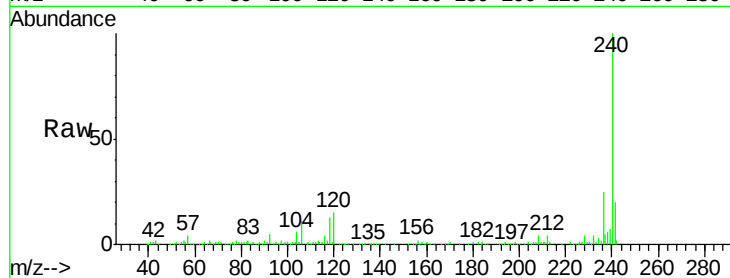
Tgt Ion:240 Resp: 317494

Ion Ratio Lower Upper

240 100

120 14.8 8.1 12.1#

236 25.0 20.8 31.2



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

250000

200000

150000

100000

50000

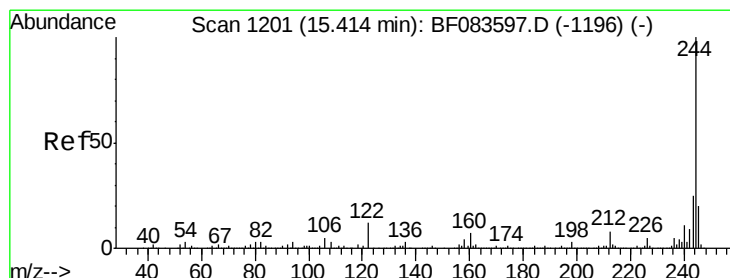
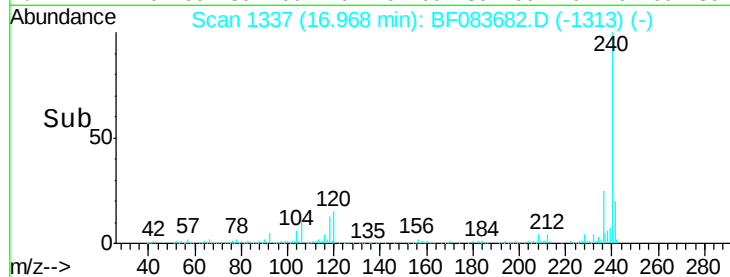
0

16.97

17.00

17.20

Time-->



#78

Terphenyl-d14

Concen: 41.33 ng

RT: 15.38 min Scan# 1198

Delta R.T. -0.03 min

Lab File: BF083682.D

Acq: 10 Dec 2015 13:13

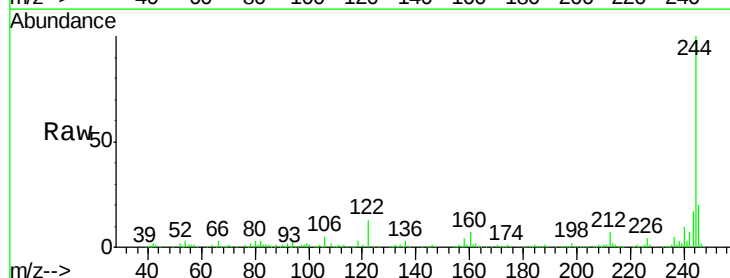
Tgt Ion:244 Resp: 557690

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 12.6 11.0 16.6



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

500000

400000

300000

200000

100000

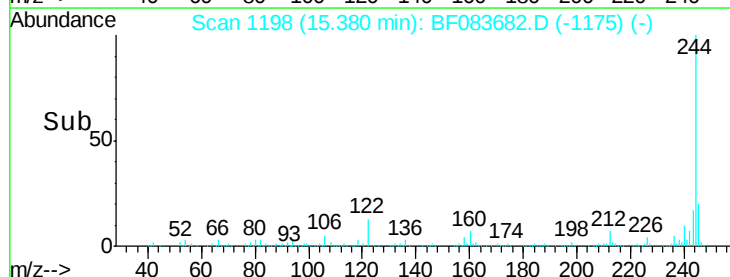
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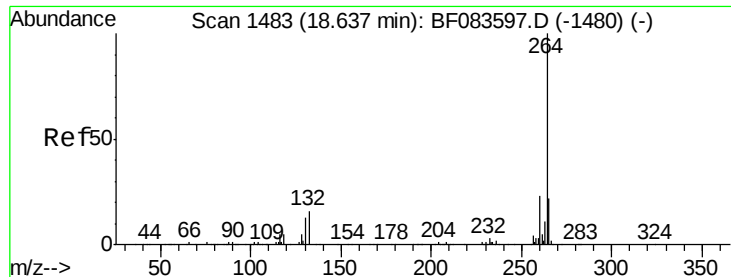
15.38

15.40

15.50

Time-->

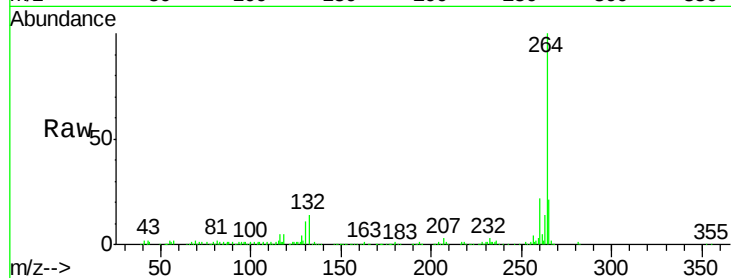




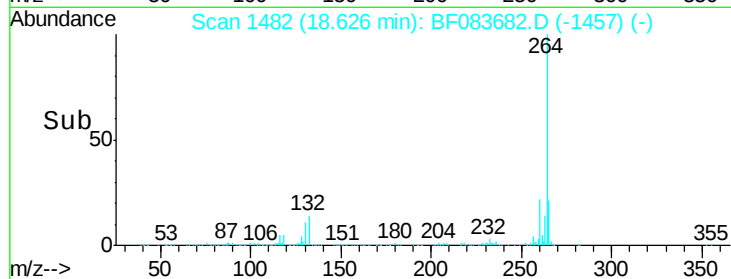
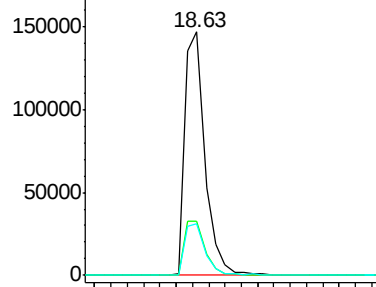
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF083682.D
Acq: 10 Dec 2015 13:13

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.4	29.0
265	21.1	17.8	26.6



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-->