

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084236.D
 Acq On : 4 Jan 2016 14:00
 Operator : UM/SJ
 Sample : G4982-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0536

Quant Time: Jan 05 06:06:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

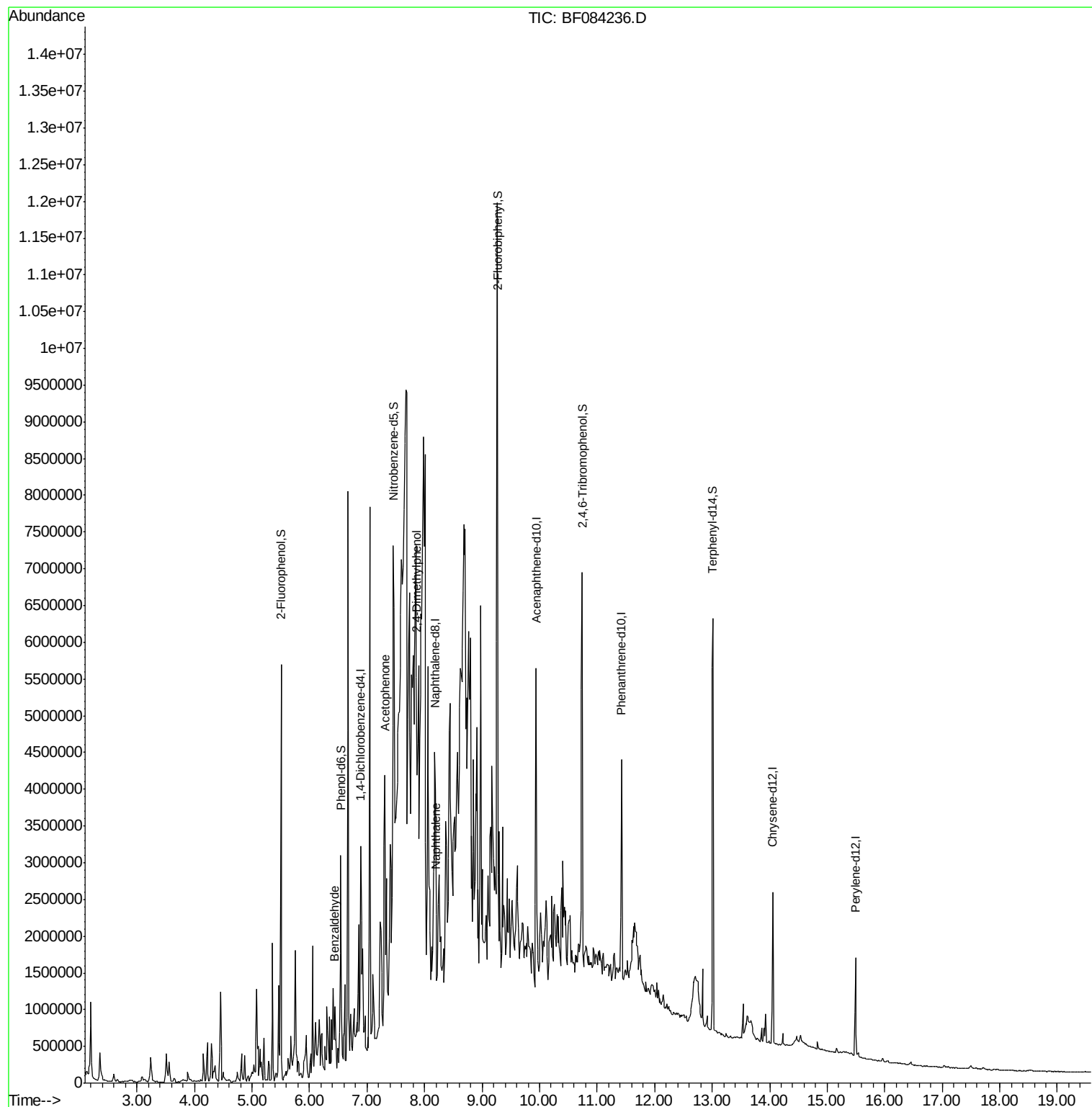
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	330843	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1253464	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	635696	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1039370	20.00	ng	0.00
75) Chrysene-d12	14.05	240	701218	20.00	ng	-0.01
86) Perylene-d12	15.49	264	606961	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1506115	73.63	ng	0.01
7) Phenol-d6	6.54	99	1206315	46.96	ng	0.01
23) Nitrobenzene-d5	7.46	82	2405191	106.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	824719	128.50	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	3113615	86.26	ng	0.00
78) Terphenyl-d14	13.01	244	2483149	79.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	164893	9.86	ng	Qvalue 91
22) Acetophenone	7.31	105	1180185	39.16	ng	# 93
27) 2,4-Dimethylphenol	7.86	122	602238	28.62	ng	96
31) Naphthalene	8.20	128	377761	6.64	ng	98

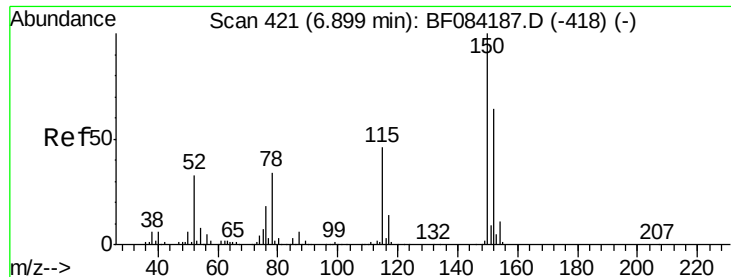
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084236.D

Acq: 4 Jan 2016 14:00

Instrument :

BNA_F

ClientSampleId :

S8-0536

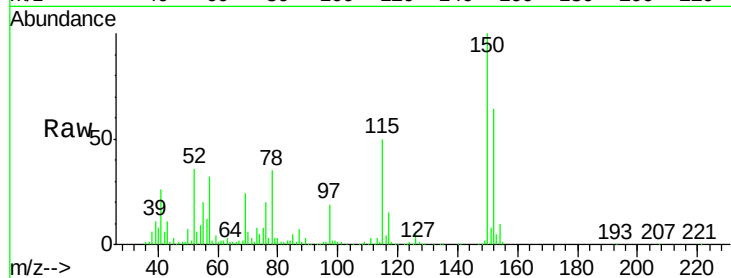
Tot Ion:152 Resp: 330843

Ion Ratio Lower Upper

152 100

150 157.4 123.0 184.4

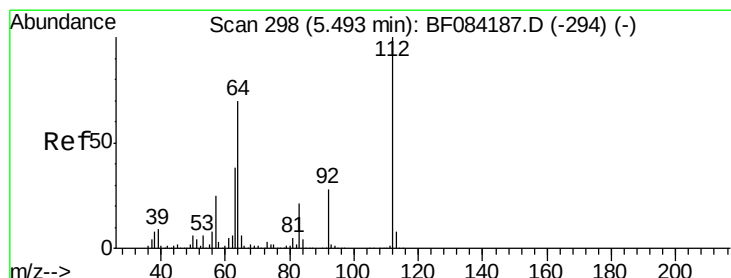
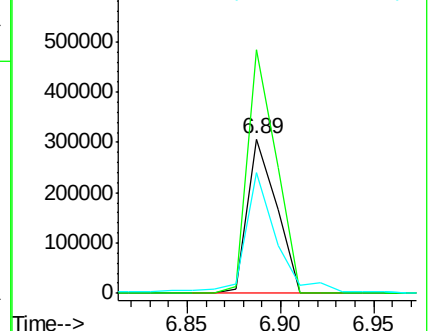
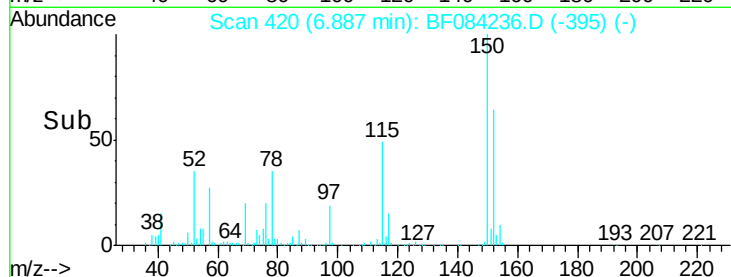
115 78.0 51.4 77.2#



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: 73.63 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084236.D

Acq: 4 Jan 2016 14:00

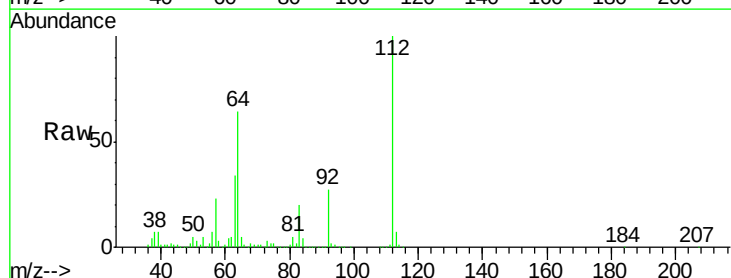
Tgt Ion:112 Resp: 1506115

Ion Ratio Lower Upper

112 100

64 63.6 36.6 55.0#

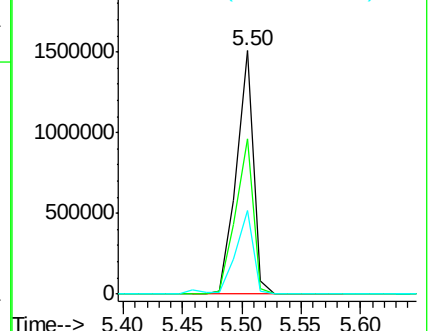
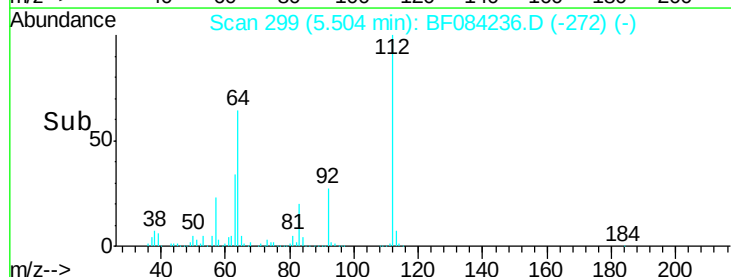
63 34.1 19.4 29.0#

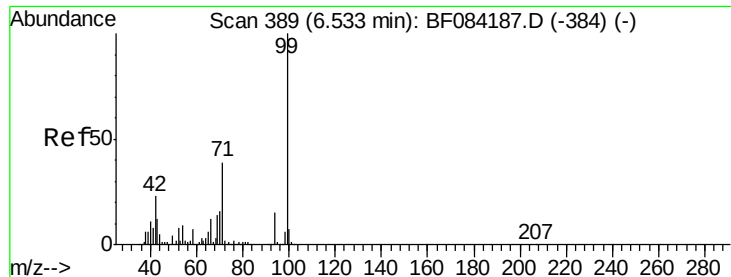


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.96 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF084236.D

Acq: 4 Jan 2016 14:00

Instrument :

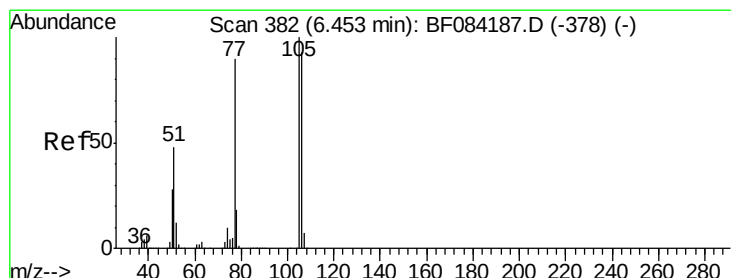
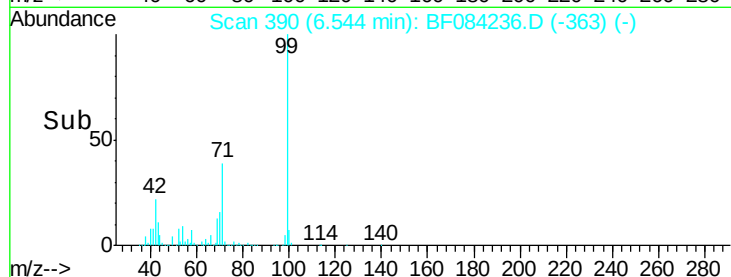
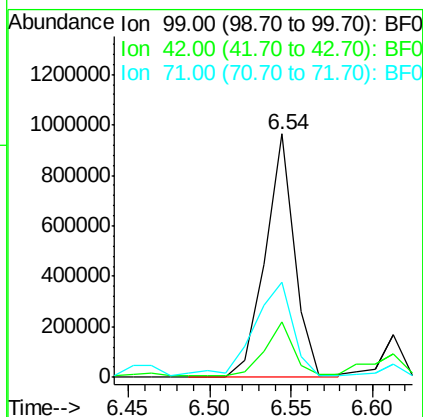
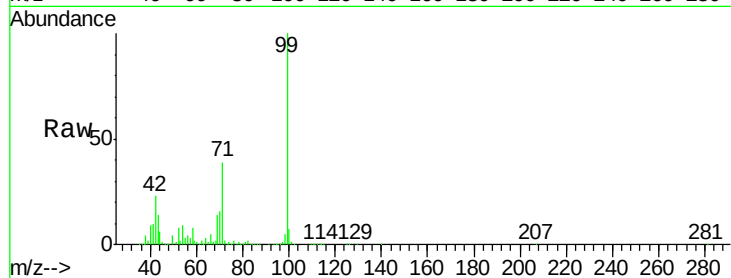
BNA_F

ClientSampleId :

S8-0536

Tot Ion: 99 Resp: 1206315

Ion	Ratio	Lower	Upper
99	100		
42	22.5	12.8	19.2#
71	39.3	30.9	46.3



#9

Benzaldehyde

Concen: 9.86 ng

RT: 6.44 min Scan# 381

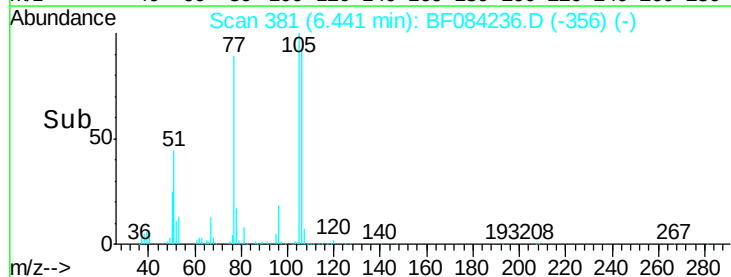
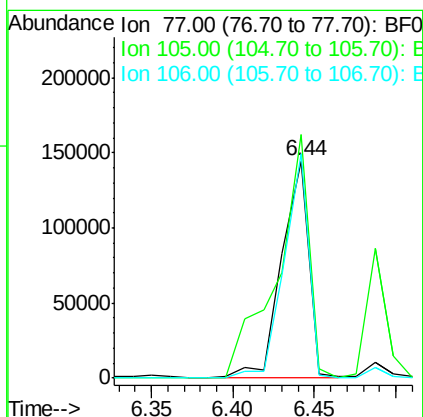
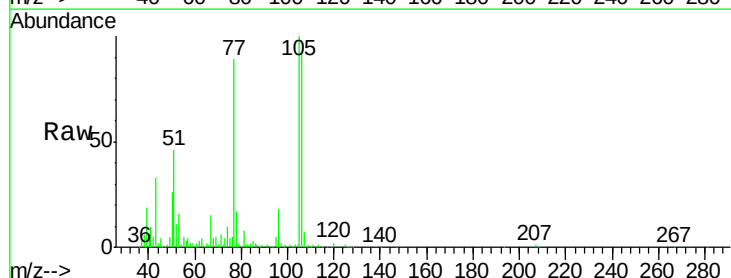
Delta R.T. -0.01 min

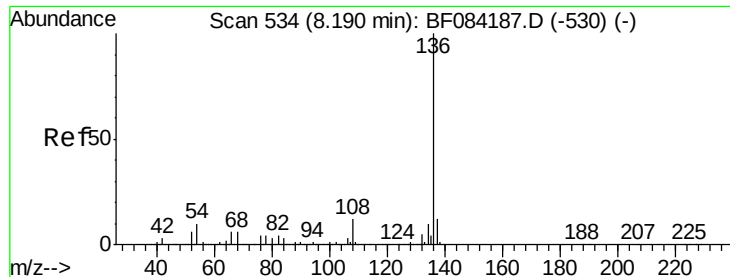
Lab File: BF084236.D

Acq: 4 Jan 2016 14:00

Tgt Ion: 77 Resp: 164893

Ion	Ratio	Lower	Upper
77	100		
105	112.2	83.0	123.0
106	103.5	74.6	114.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084236.D

Acq: 4 Jan 2016 14:00

Instrument :

BNA_F

ClientSampleId :

S8-0536

Tot Ion:136 Resp: 1253464

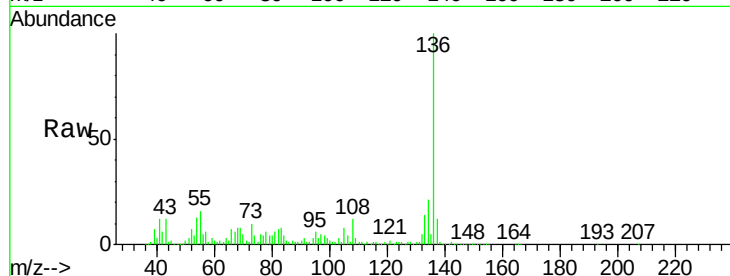
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 13.4 5.8 8.8#

68 8.3 4.2 6.2#

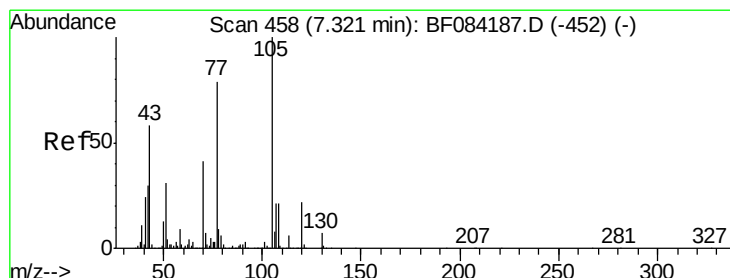
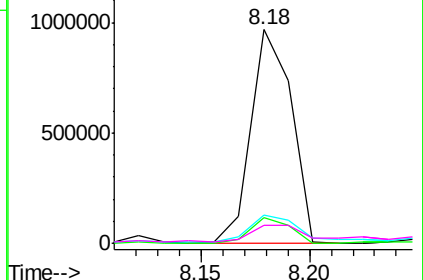
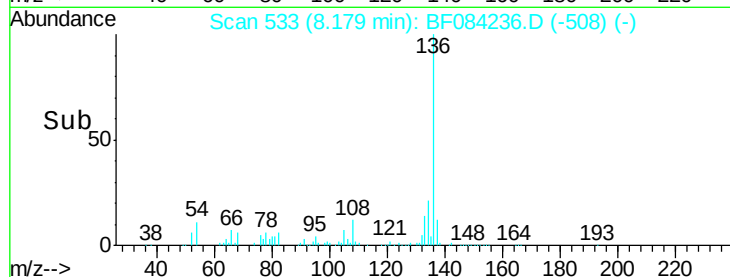


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 39.16 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084236.D

Acq: 4 Jan 2016 14:00

Tgt Ion:105 Resp: 1180185

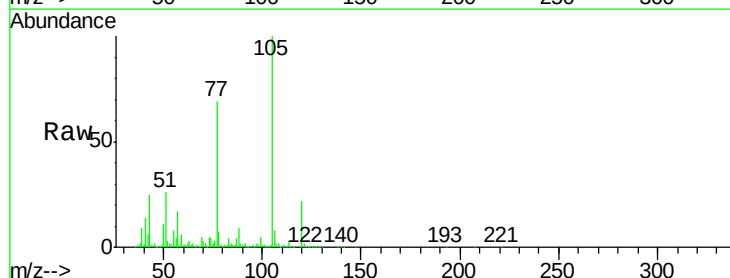
Ion Ratio Lower Upper

105 100

71 1.6 3.7 5.5#

51 26.2 25.1 37.7

120 21.8 16.6 25.0

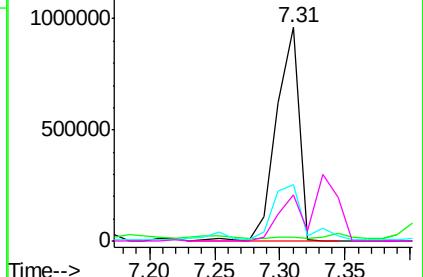
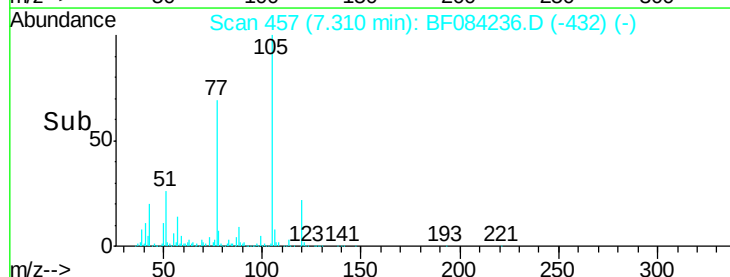


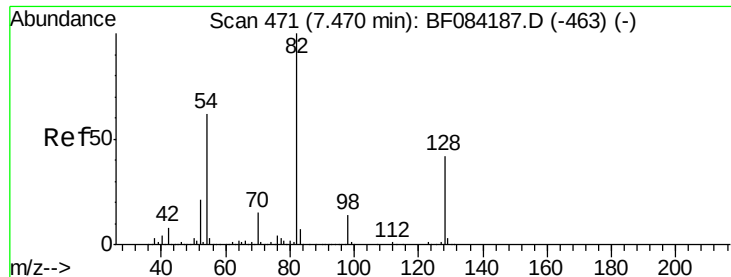
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 106.79 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084236.D

Acq: 4 Jan 2016 14:00

Instrument :

BNA_F

ClientSampleId :

S8-0536

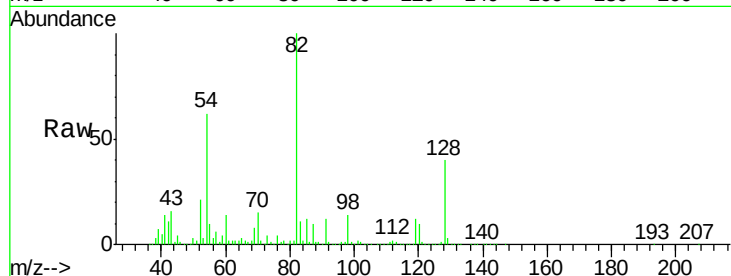
Tot Ion: 82 Resp: 2405191

Ion Ratio Lower Upper

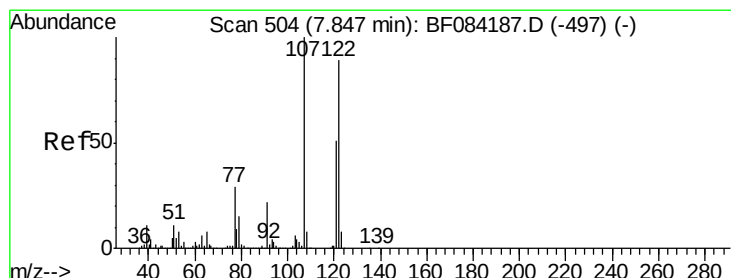
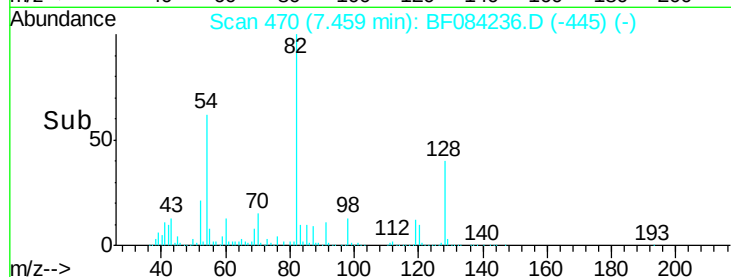
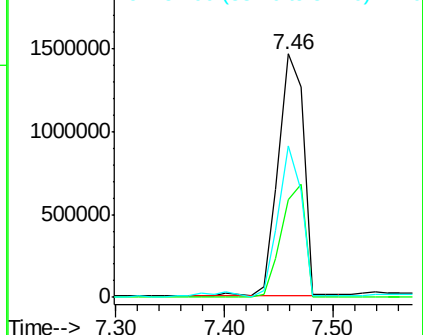
82 100

128 39.9 34.6 51.8

54 62.3 38.4 57.6#



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



#27

2,4-Dimethylphenol

Concen: 28.62 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.01 min

Lab File: BF084236.D

Acq: 4 Jan 2016 14:00

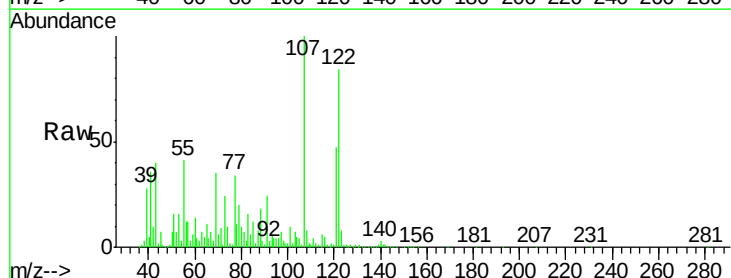
Tgt Ion:122 Resp: 602238

Ion Ratio Lower Upper

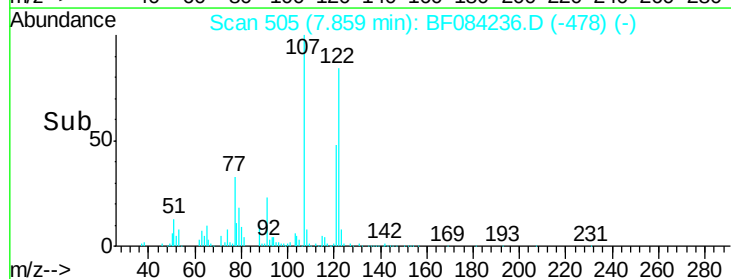
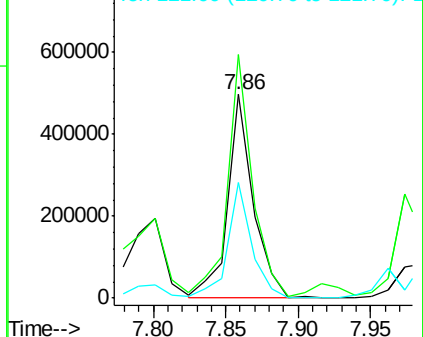
122 100

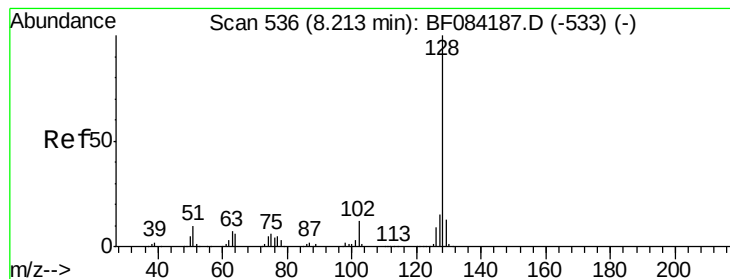
107 119.5 99.1 148.7

121 56.7 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 6.64 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF084236.D

Acq: 4 Jan 2016 14:00

Instrument :

BNA_F

ClientSampleId :

S8-0536

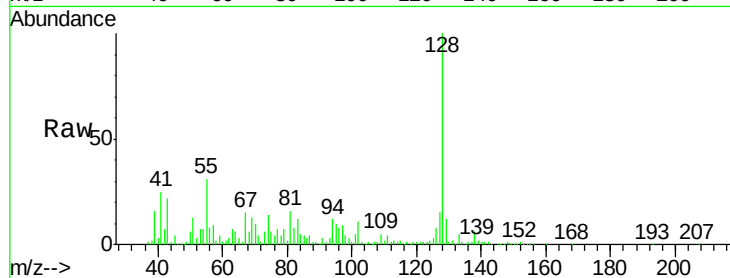
Tot Ion:128 Resp: 377761

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

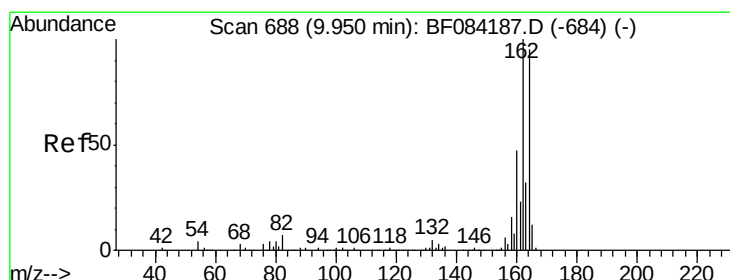
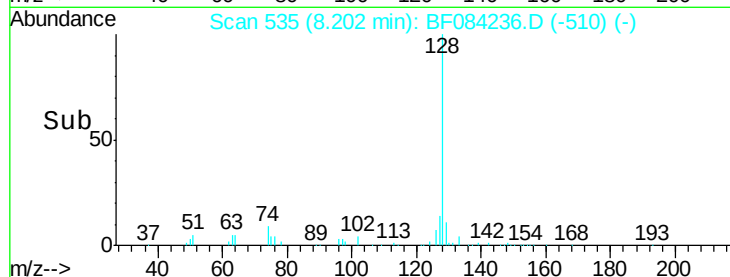
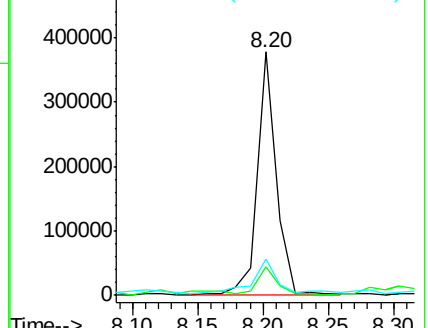
127 14.9 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084236.D

Acq: 4 Jan 2016 14:00

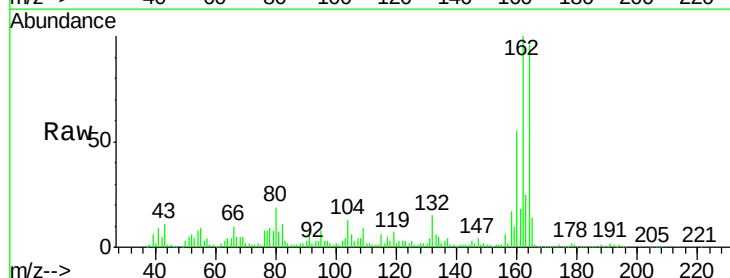
Tgt Ion:164 Resp: 635696

Ion Ratio Lower Upper

164 100

162 104.1 85.1 127.7

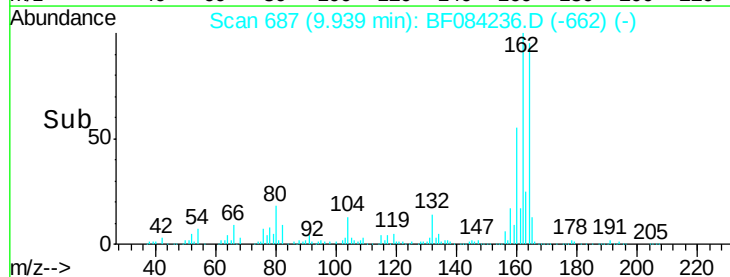
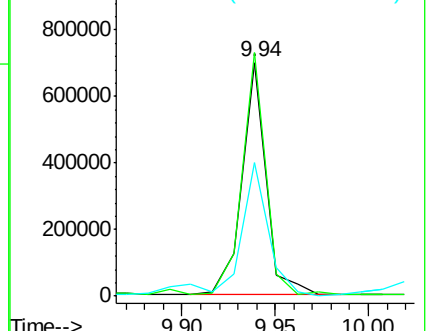
160 57.0 37.5 56.3#

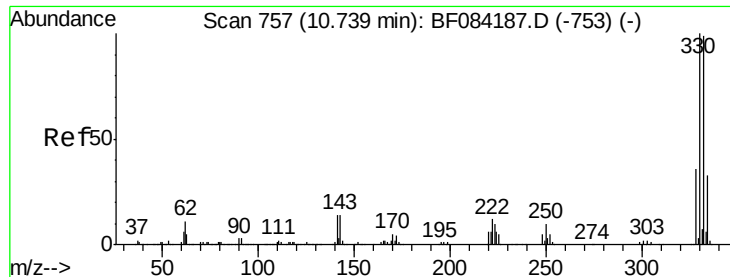


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

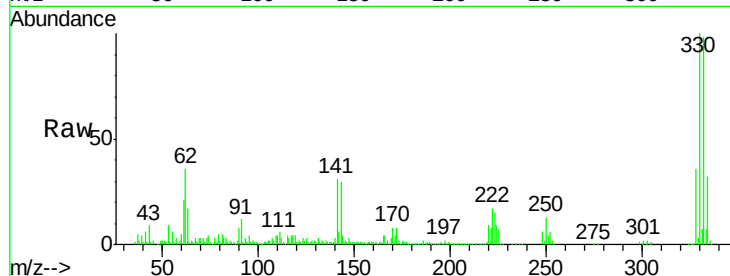




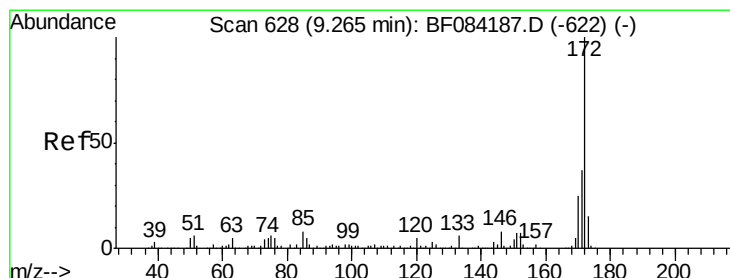
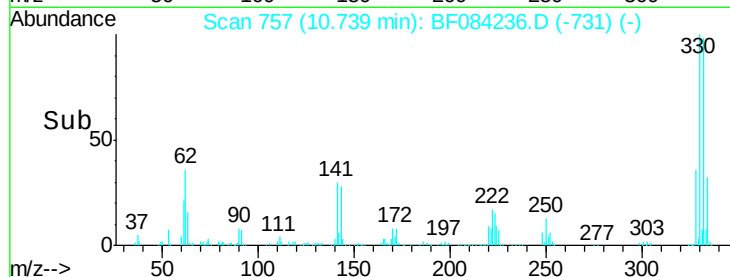
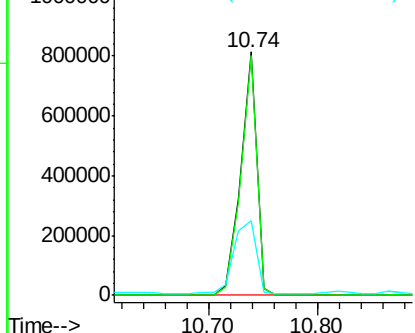
#41
 2,4,6-Tribromophenol
 Concen: 128.50 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF084236.D
 Acq: 4 Jan 2016 14:00

Instrument :
 BNA_F
 ClientSampled :
 S8-0536

Tot Ion:330 Resp: 824719
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 41.6 27.8 41.6

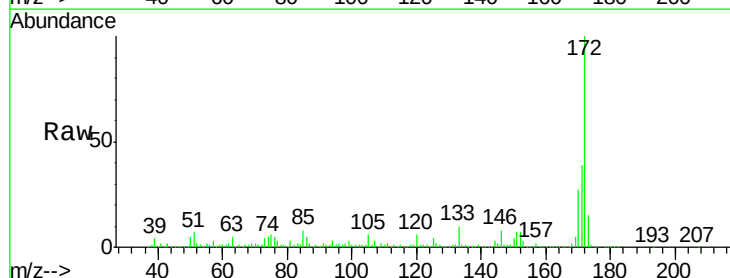


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

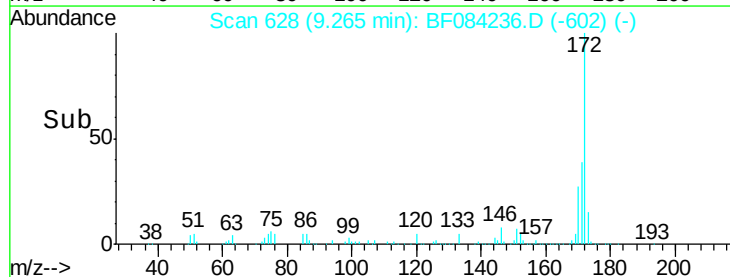
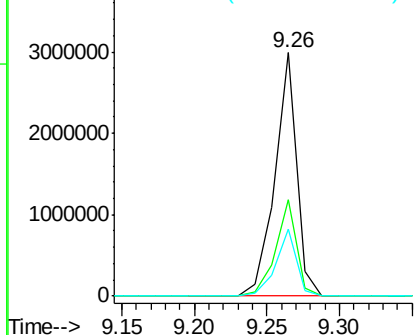


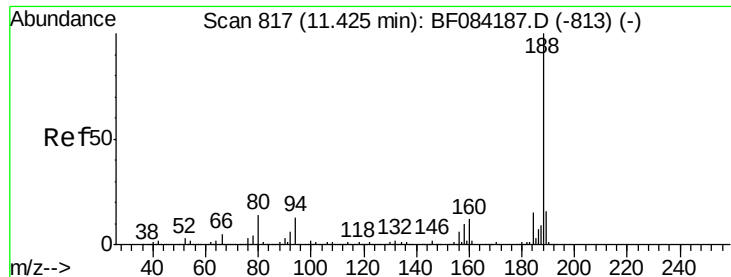
#44
 2-Fluorobiphenyl
 Concen: 86.26 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084236.D
 Acq: 4 Jan 2016 14:00

Tgt Ion:172 Resp: 3113615
 Ion Ratio Lower Upper
 172 100
 171 39.5 28.9 43.3
 170 27.4 18.6 27.8



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

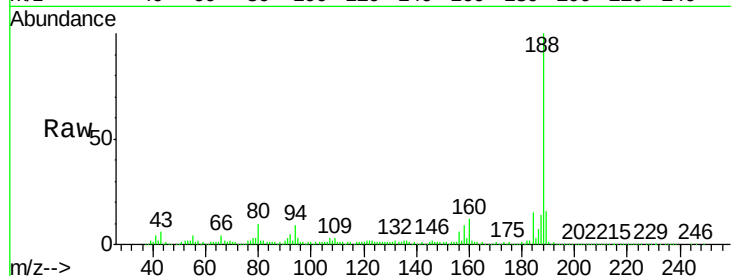




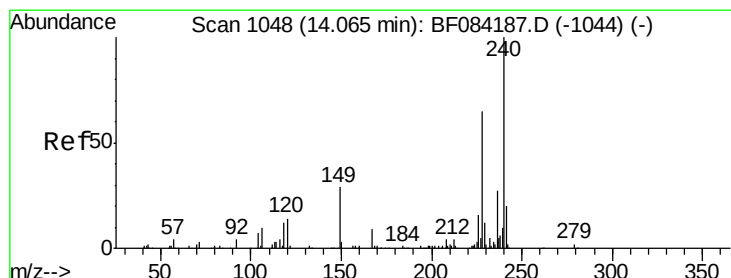
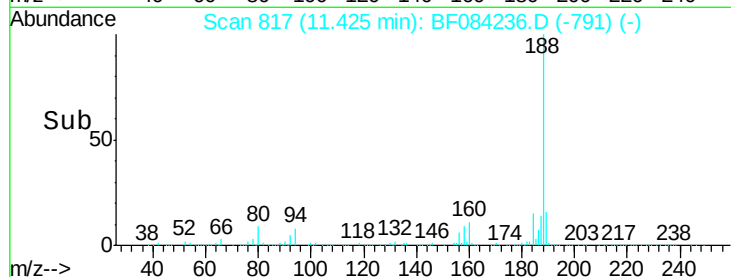
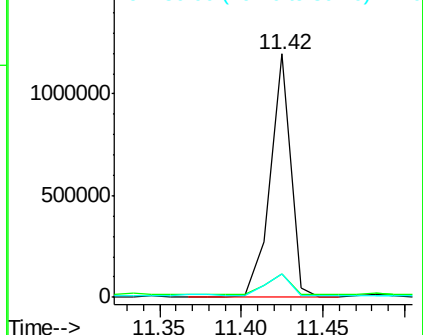
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF084236.D
Acq: 4 Jan 2016 14:00

Instrument :
BNA_F
ClientSampleId :
S8-0536

Tot Ion:188 Resp: 1039370
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.4
80 9.9 9.6 14.4

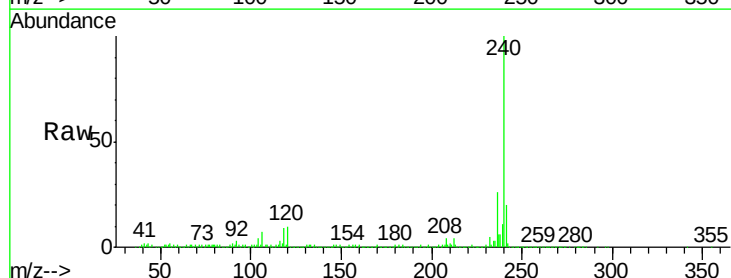


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

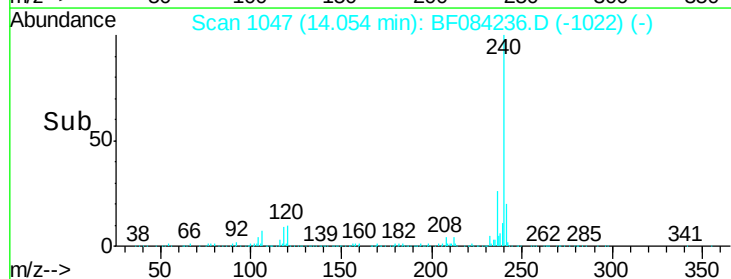
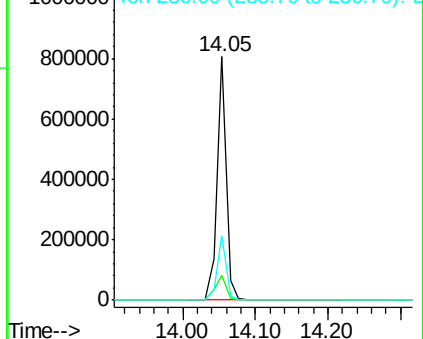


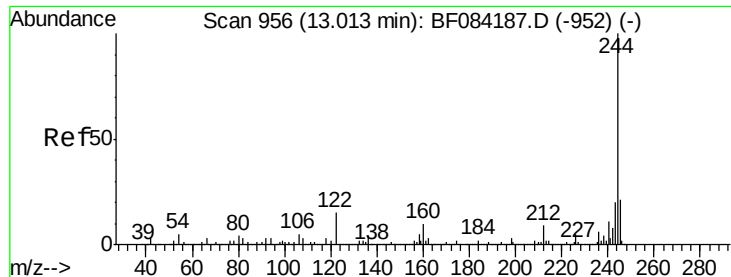
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF084236.D
Acq: 4 Jan 2016 14:00

Tgt Ion:240 Resp: 701218
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 26.3 20.6 31.0



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: 79.05 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084236.D

Acq: 4 Jan 2016 14:00

Instrument :

BNA_F

ClientSampleId :

S8-0536

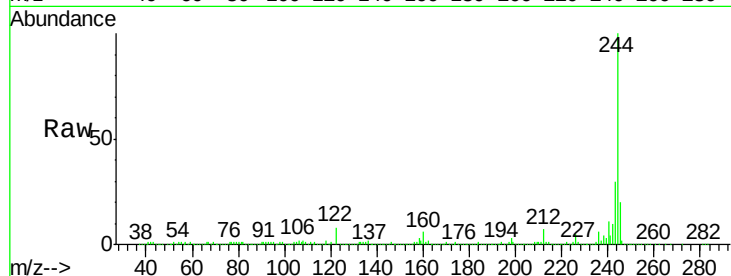
Tot Ion:244 Resp: 2483149

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

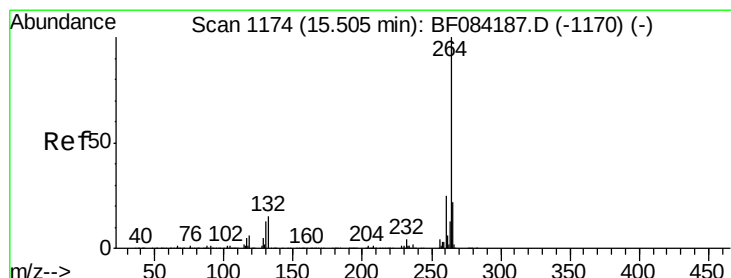
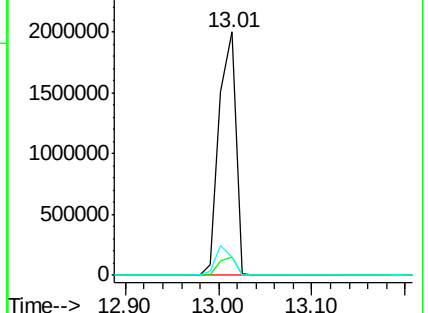
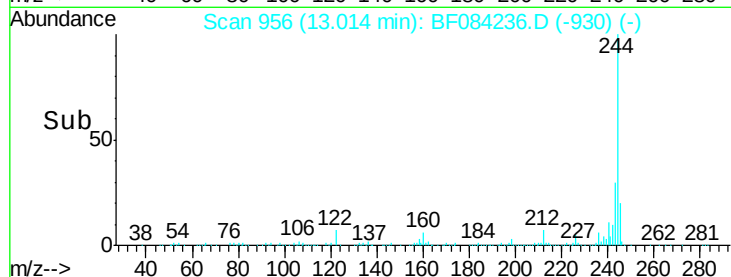
122 7.6 7.4 11.0



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: 15.49 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF084236.D

Acq: 4 Jan 2016 14:00

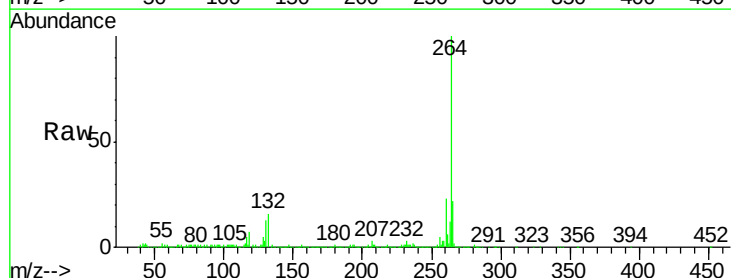
Tgt Ion:264 Resp: 606961

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.8 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

