

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084238.D
 Acq On : 4 Jan 2016 14:55
 Operator : UM/SJ
 Sample : G4981-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0532

Quant Time: Jan 05 06:17:32 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

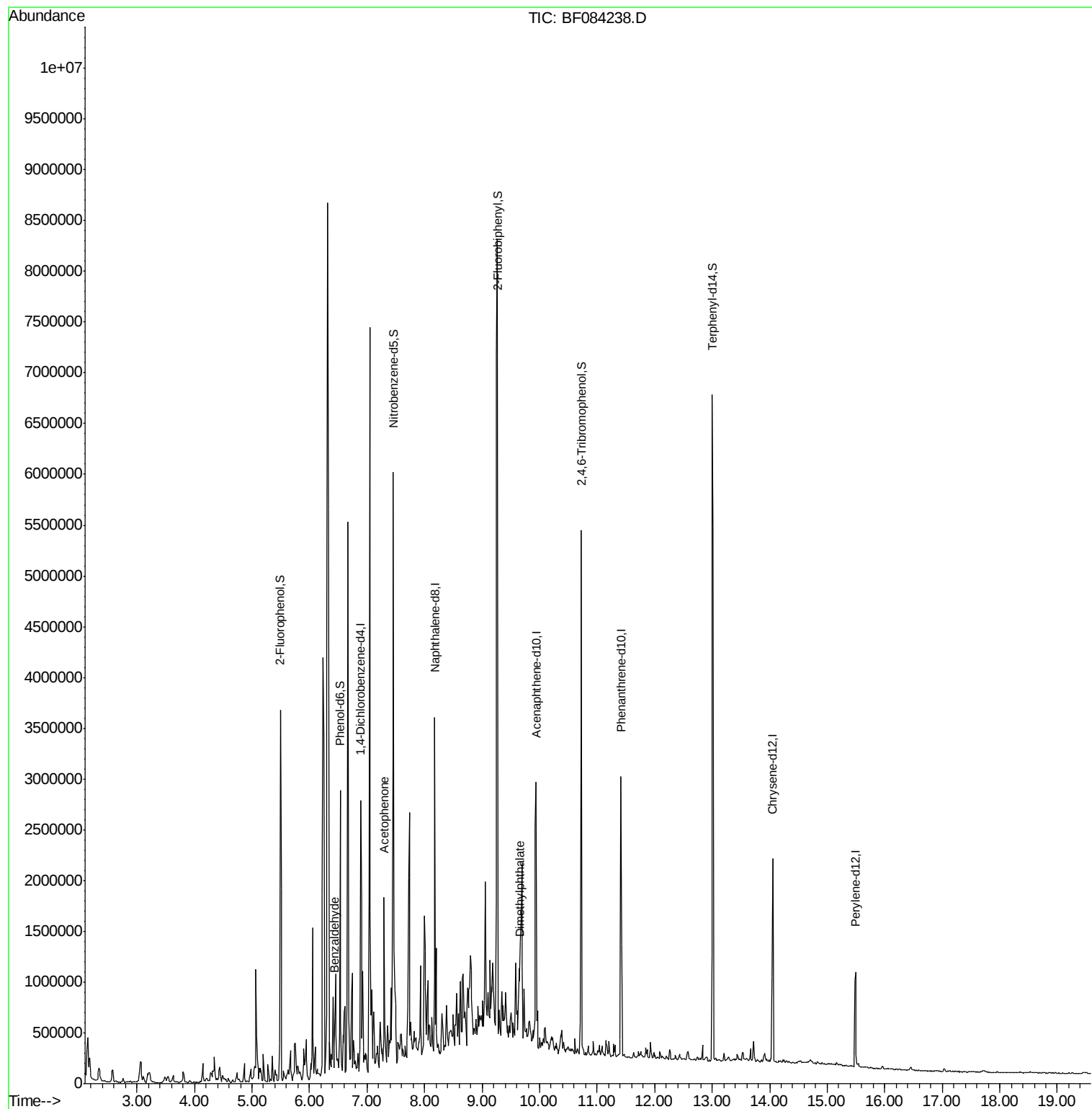
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	328358	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1366434	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	611540	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	1029318	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	765361	20.00	ng	-0.01
86) Perylene-d12	15.49	264	516868	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1063179	52.37	ng	0.00
7) Phenol-d6	6.53	99	860554	33.75	ng	0.00
23) Nitrobenzene-d5	7.46	82	1973950	80.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	708131	114.70	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	3409388	99.13	ng	0.00
78) Terphenyl-d14	13.00	244	2891756	84.34	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.44	77	68194	4.11	ng	Qvalue 85
22) Acetophenone	7.30	105	412104	12.54	ng	# 98
49) Dimethylphthalate	9.65	163	122666	2.81	ng	# 89

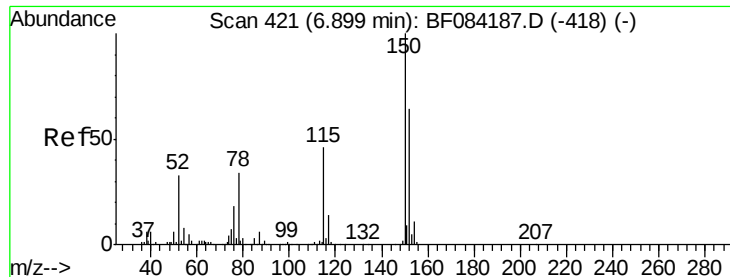
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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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: BF084238.D

Acq: 4 Jan 2016 14:55

Instrument :

BNA_F

ClientSampleId :

S8-0532

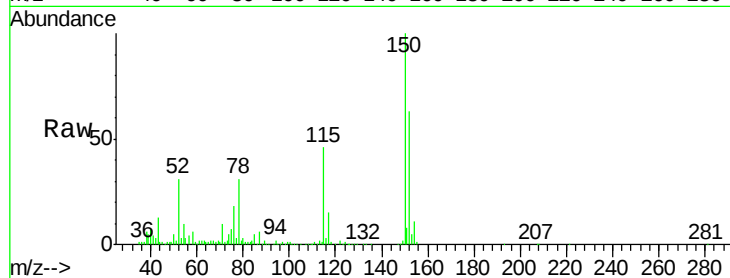
Tot Ion:152 Resp: 328358

Ion Ratio Lower Upper

152 100

150 157.8 123.0 184.4

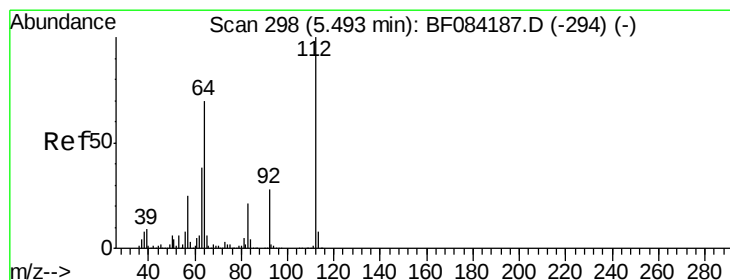
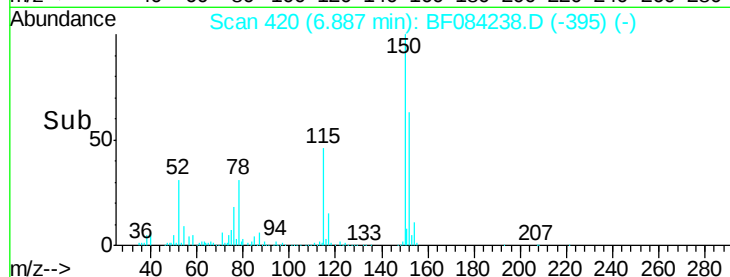
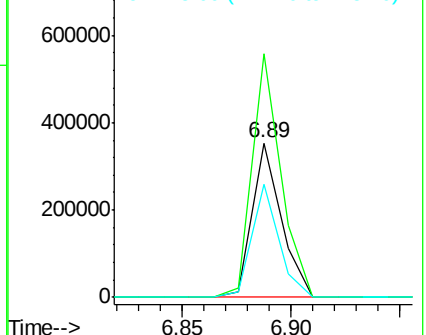
115 73.2 51.4 77.2



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: 52.37 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084238.D

Acq: 4 Jan 2016 14:55

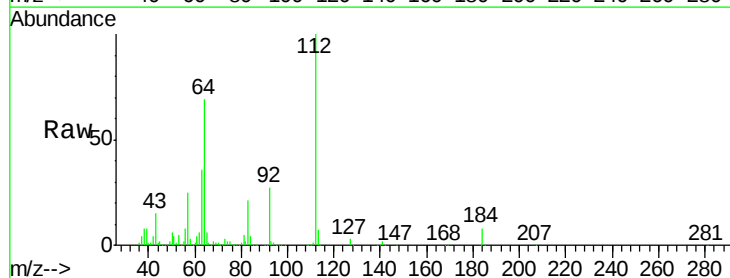
Tgt Ion:112 Resp: 1063179

Ion Ratio Lower Upper

112 100

64 68.8 36.6 55.0#

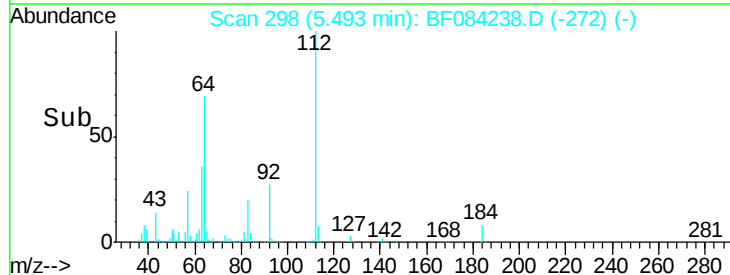
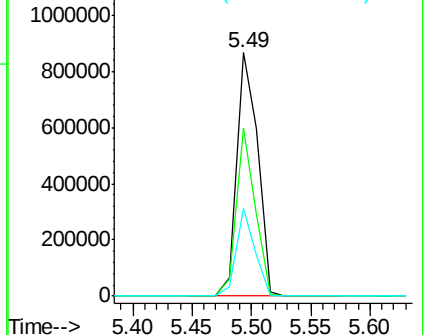
63 35.9 19.4 29.0#

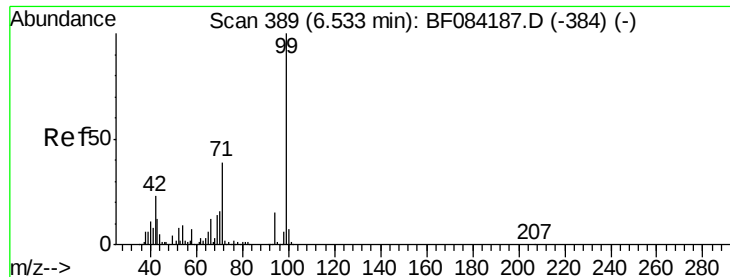


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.75 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084238.D

Acq: 4 Jan 2016 14:55

Instrument :

BNA_F

ClientSampleId :

S8-0532

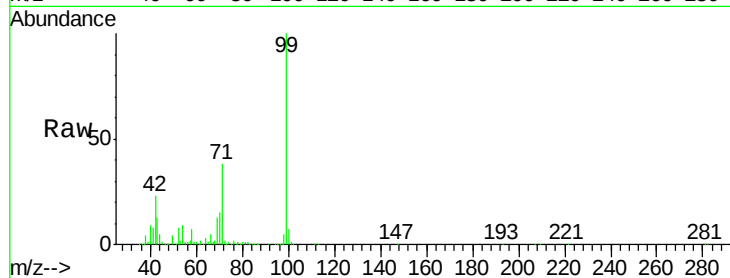
Tot Ion: 99 Resp: 860554

Ion Ratio Lower Upper

99 100

42 23.0 12.8 19.2#

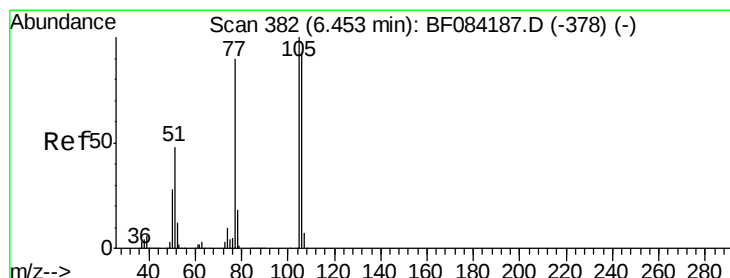
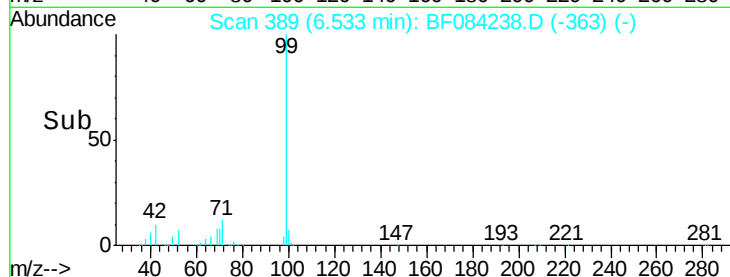
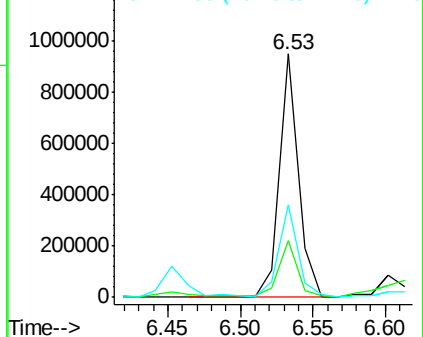
71 38.0 30.9 46.3



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



#9

Benzaldehyde

Concen: 4.11 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084238.D

Acq: 4 Jan 2016 14:55

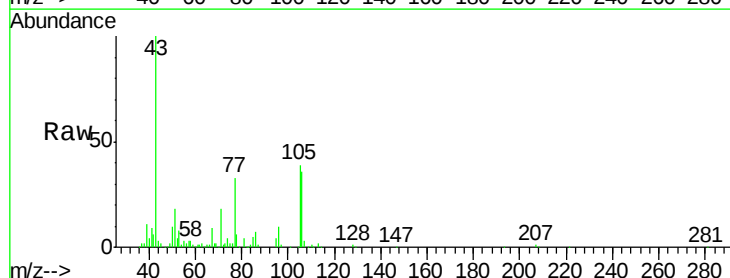
Tgt Ion: 77 Resp: 68194

Ion Ratio Lower Upper

77 100

105 117.4 83.0 123.0

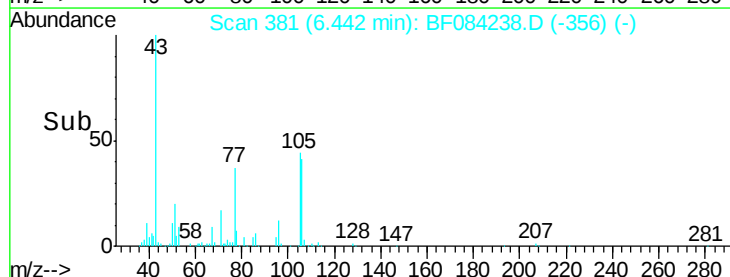
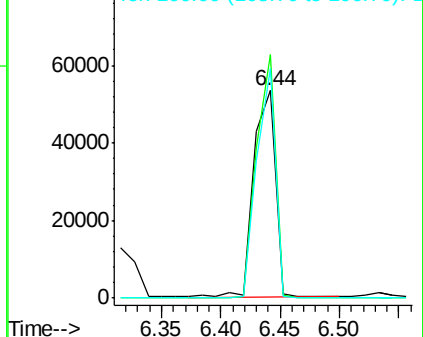
106 110.7 74.6 114.6

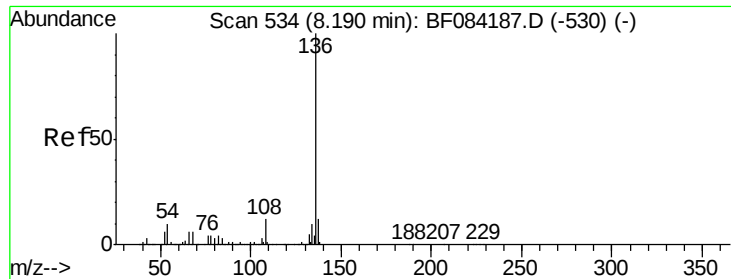


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084238.D

Acq: 4 Jan 2016 14:55

Instrument :

BNA_F

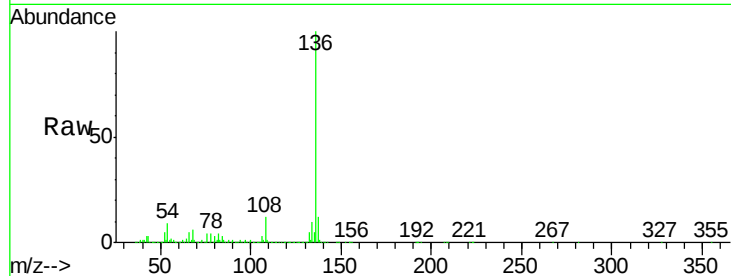
ClientSampleId :

S8-0532

Tot Ion:136 Resp: 1366434

Ion Ratio Lower Upper

136	100		
137	11.7	8.7	13.1
54	9.3	5.8	8.8#
68	5.6	4.2	6.2



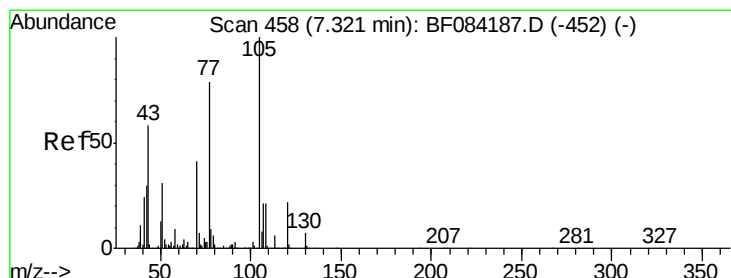
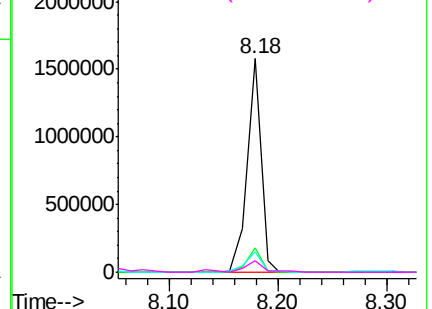
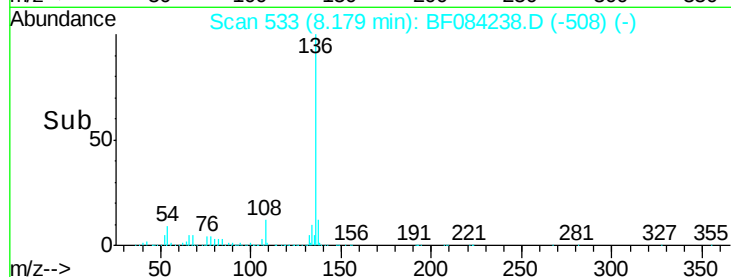
Abundance

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: 12.54 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

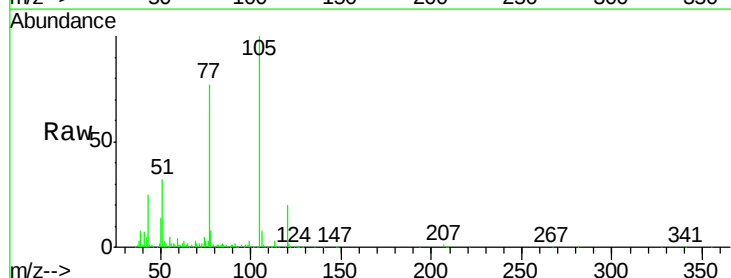
Lab File: BF084238.D

Acq: 4 Jan 2016 14:55

Tgt Ion:105 Resp: 412104

Ion Ratio Lower Upper

105	100		
71	1.6	3.7	5.5#
51	31.7	25.1	37.7
120	19.5	16.6	25.0



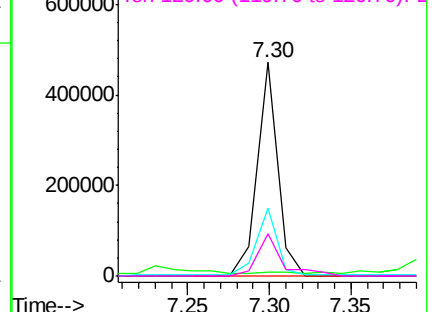
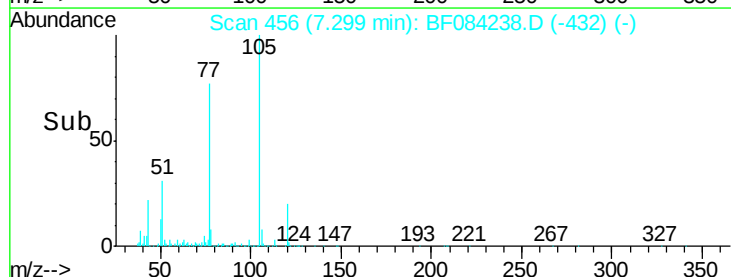
Abundance

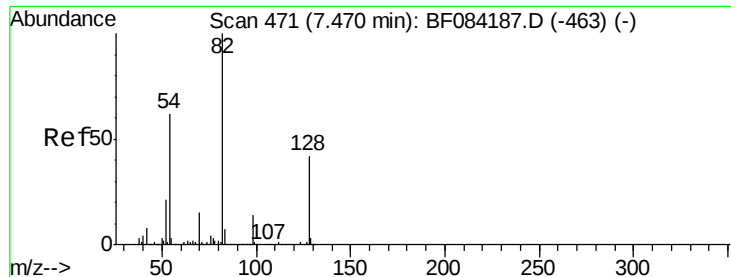
Ion 105.00 (104.70 to 105.70): E

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

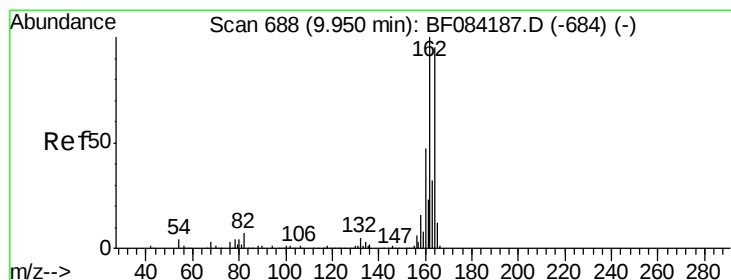
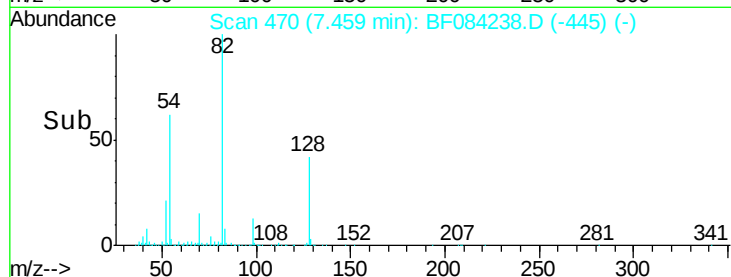
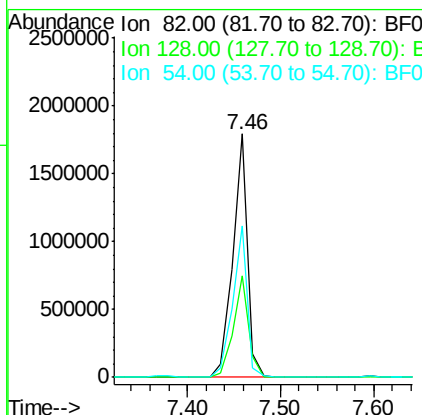
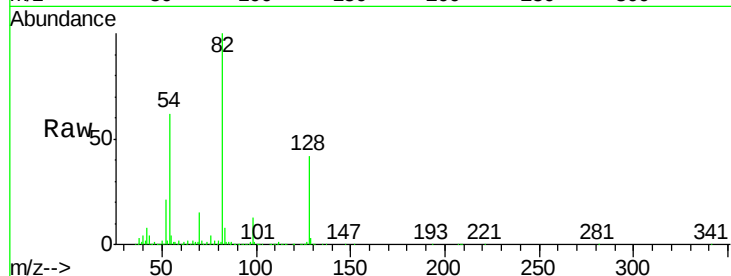




#23
Nitrobenzene-d5
Concen: 80.40 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084238.D
Acq: 4 Jan 2016 14:55

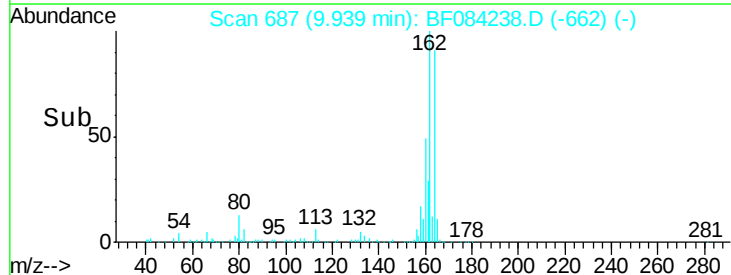
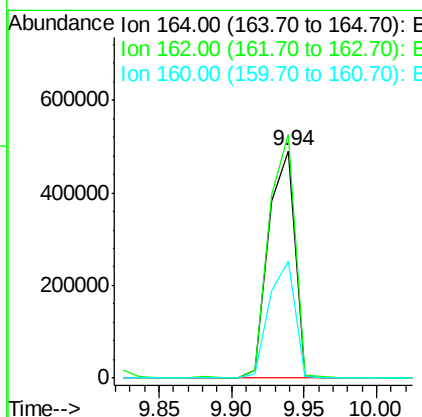
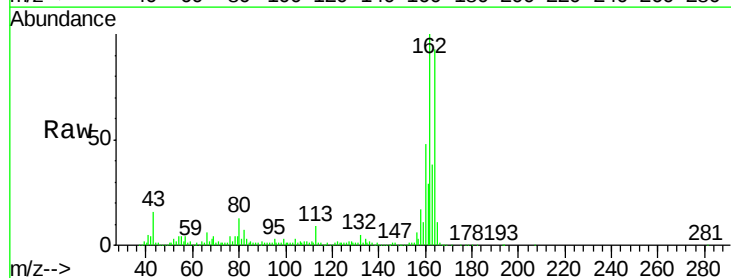
Instrument :
BNA_F
ClientSampleId :
S8-0532

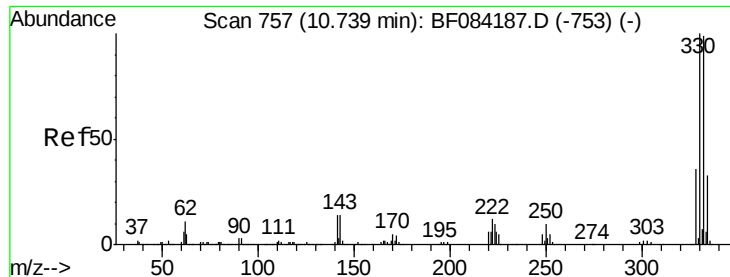
Tot Ion: 82 Resp: 1973950
Ion Ratio Lower Upper
82 100
128 41.7 34.6 51.8
54 62.3 38.4 57.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084238.D
Acq: 4 Jan 2016 14:55

Tgt Ion:164 Resp: 611540
Ion Ratio Lower Upper
164 100
162 107.3 85.1 127.7
160 51.8 37.5 56.3

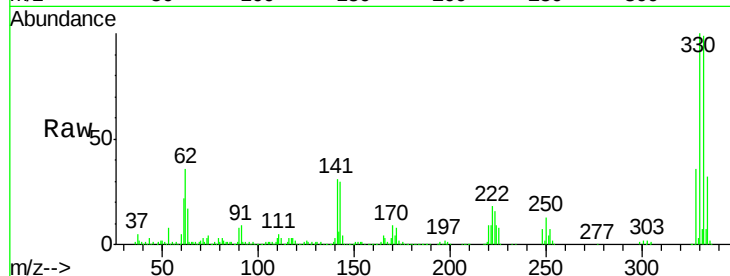




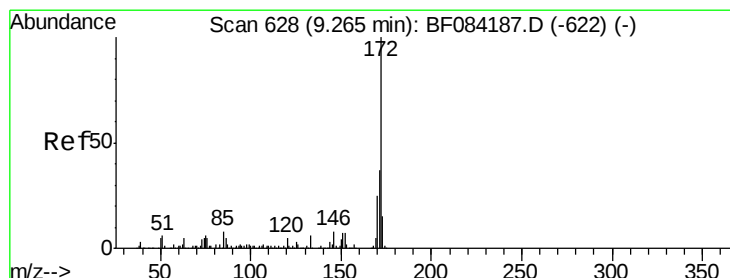
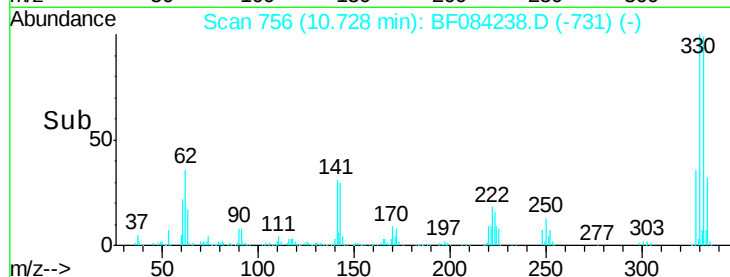
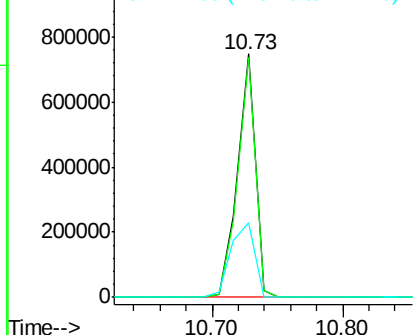
#41
 2,4,6-Tribromophenol
 Concen: 114.70 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084238.D
 Acq: 4 Jan 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 S8-0532

Tot Ion:330 Resp: 708131
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 40.7 27.8 41.6

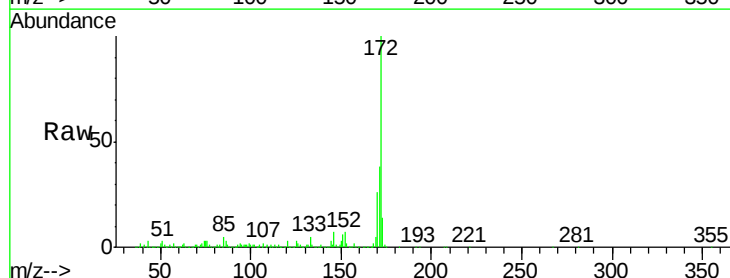


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

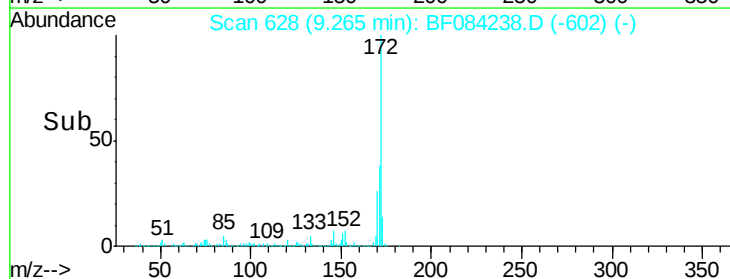
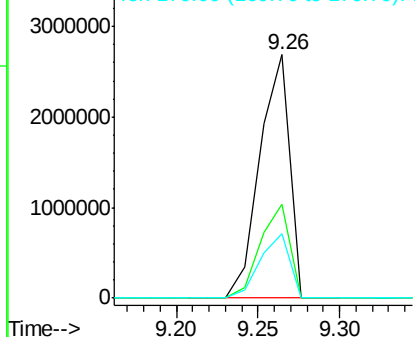


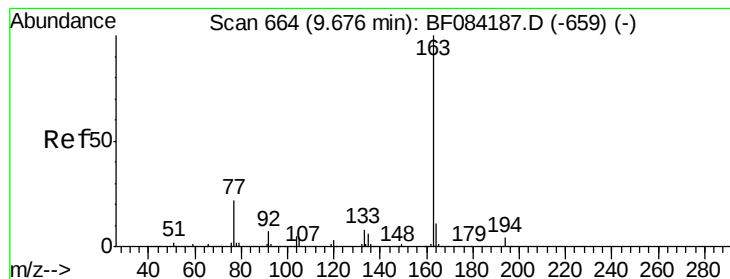
#44
 2-Fluorobiphenyl
 Concen: 99.13 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084238.D
 Acq: 4 Jan 2016 14:55

Tgt Ion:172 Resp: 3409388
 Ion Ratio Lower Upper
 172 100
 171 38.4 28.9 43.3
 170 26.5 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





#49

Dimethylphthalate

Concen: 2.81 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF084238.D

Acq: 4 Jan 2016 14:55

Instrument :

BNA_F

ClientSampleId :

S8-0532

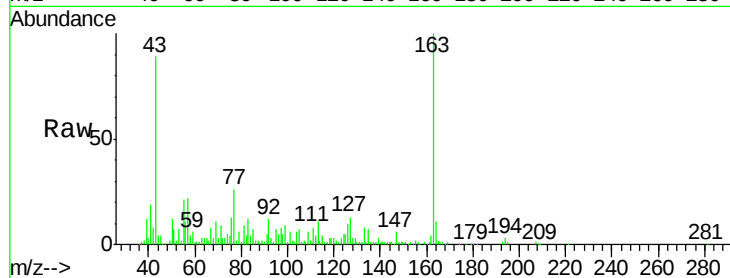
Tot Ion:163 Resp: 122666

Ion Ratio Lower Upper

163 100

194 3.1 8.0 12.0#

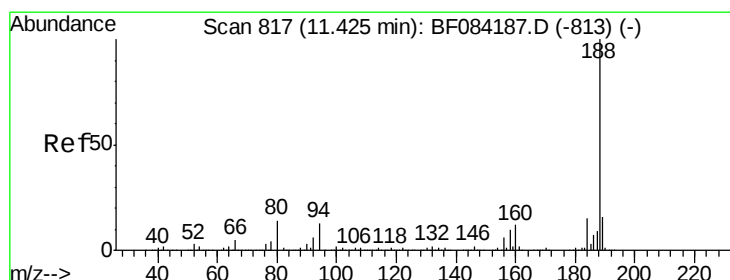
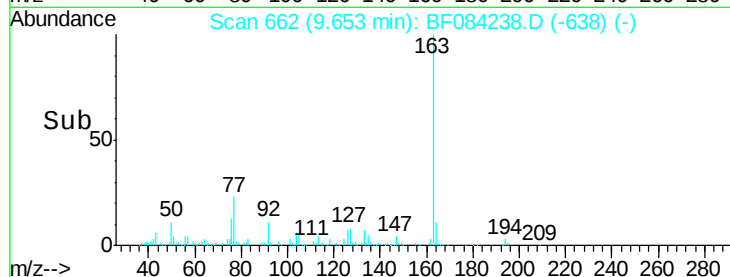
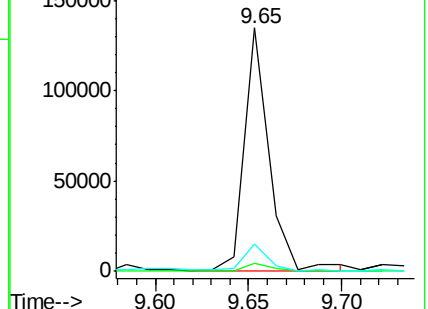
164 11.3 8.0 12.0



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: 11.41 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF084238.D

Acq: 4 Jan 2016 14:55

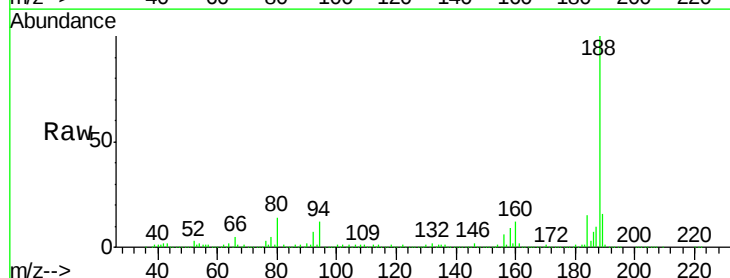
Tgt Ion:188 Resp: 1029318

Ion Ratio Lower Upper

188 100

94 12.4 9.0 13.4

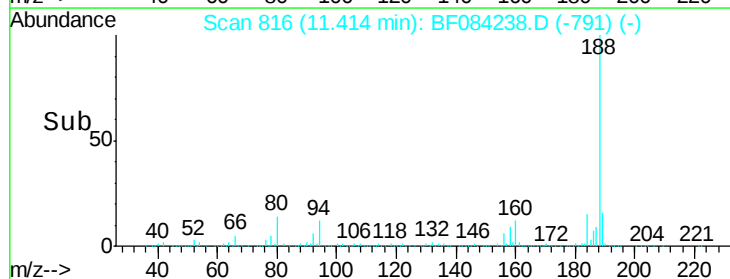
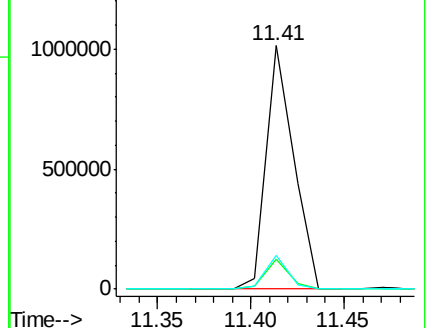
80 14.1 9.6 14.4

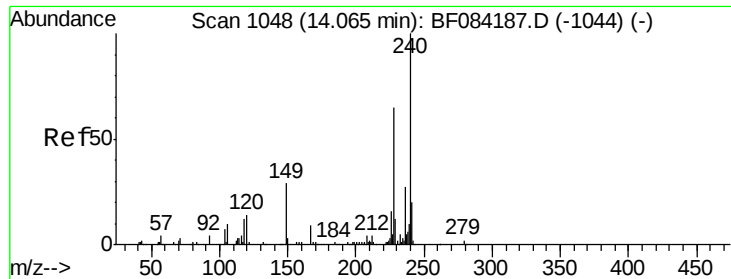


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF084238.D

Acq: 4 Jan 2016 14:55

Instrument :

BNA_F

ClientSampled :

S8-0532

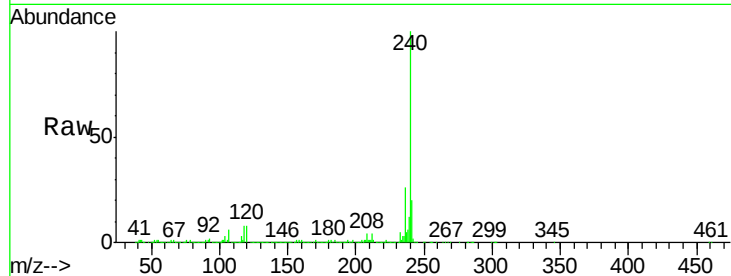
Tot Ion:240 Resp: 765361

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

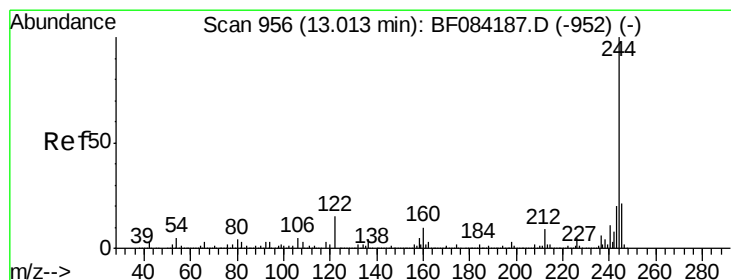
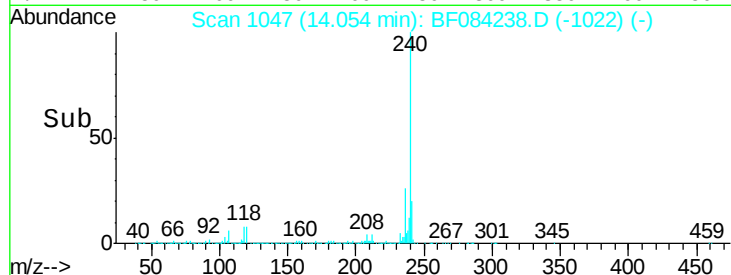
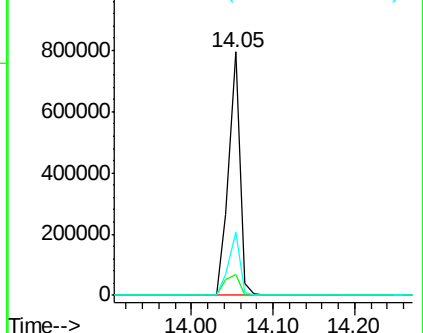
236 25.9 20.6 31.0



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: 84.34 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084238.D

Acq: 4 Jan 2016 14:55

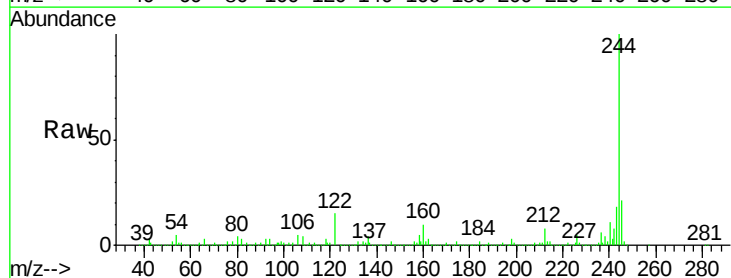
Tgt Ion:244 Resp: 2891756

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

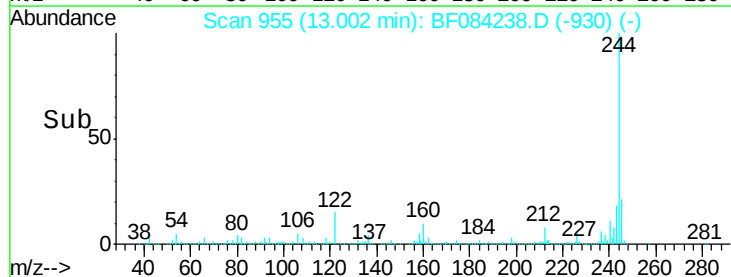
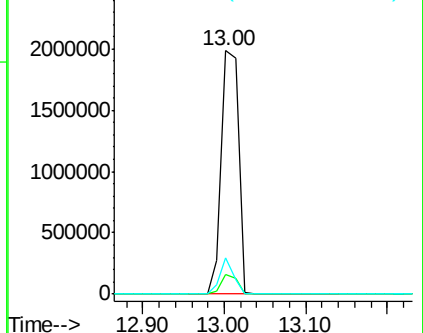
122 14.9 7.4 11.0#

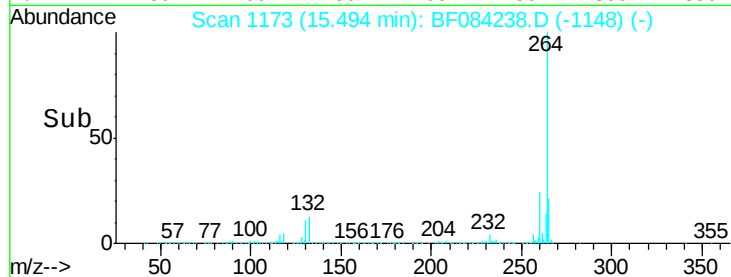
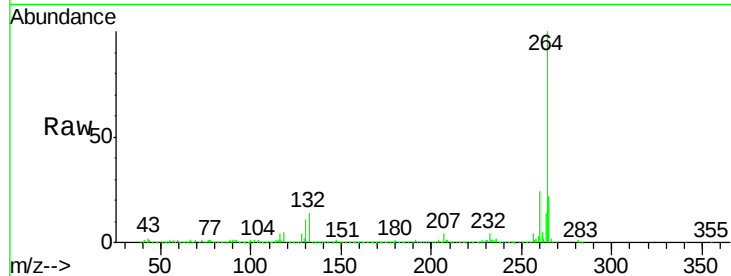
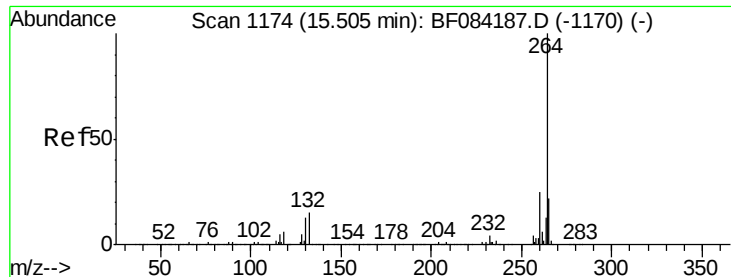


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084238.D
Acq: 4 Jan 2016 14:55

Instrument :
BNA_F
ClientSampleId :
S8-0532

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.6	17.8	26.6

