

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084222.D
 Acq On : 1 Jan 2016 3:52
 Operator : UM/SJ
 Sample : G4981-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0532

Quant Time: Jan 02 02:48:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

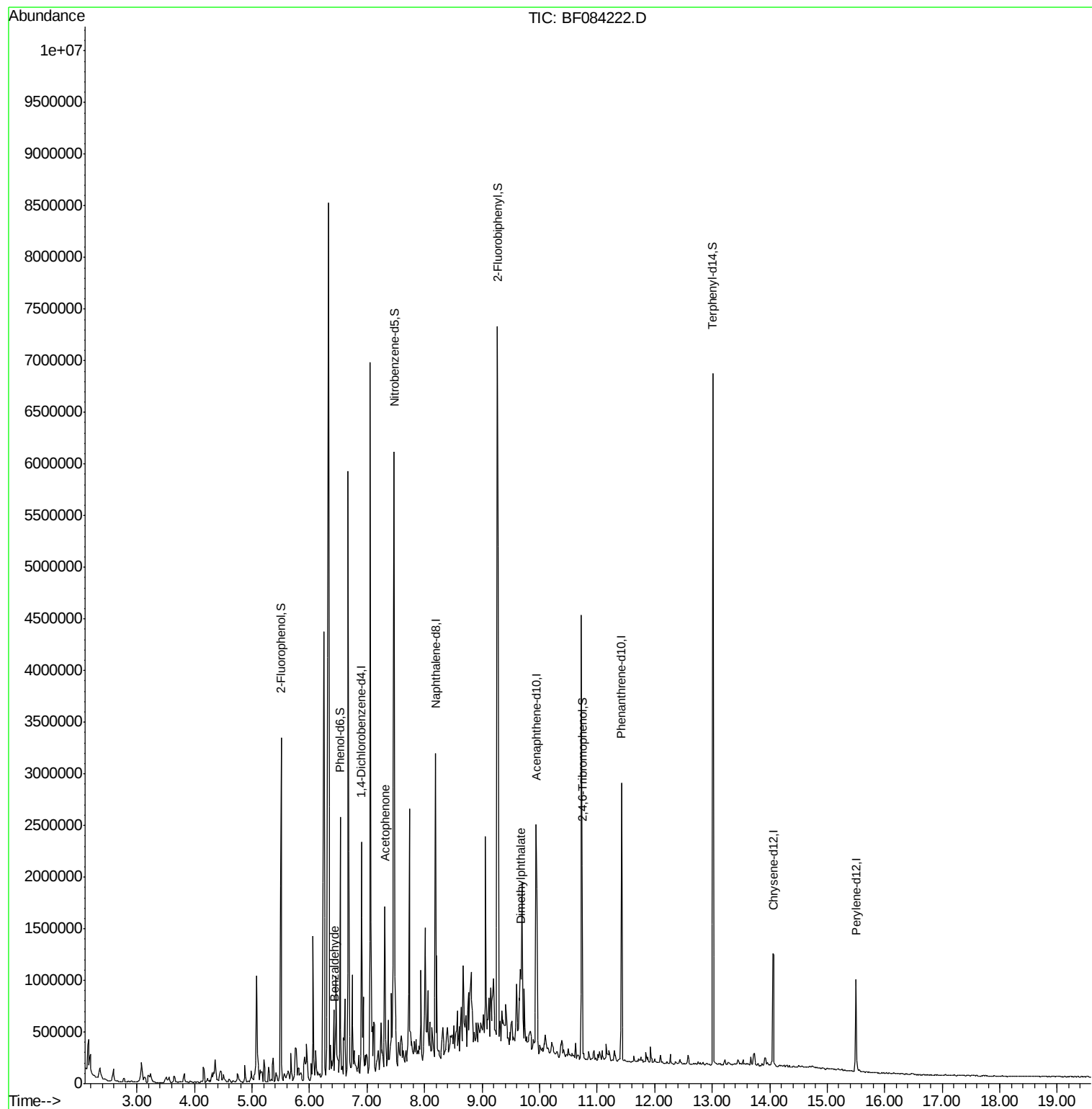
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	281066	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1199632	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	491516	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	867128	20.00	ng	0.00
75) Chrysene-d12	14.06	240	566113	20.00	ng	0.00
86) Perylene-d12	15.50	264	494871	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	955531	54.99	ng	0.01
7) Phenol-d6	6.53	99	751474	34.43	ng	0.00
23) Nitrobenzene-d5	7.47	82	1866087	86.57	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	590305	118.96	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2835249	102.80	ng	0.00
78) Terphenyl-d14	13.01	244	1961761	77.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	60060	4.23	ng	Qvalue 88
22) Acetophenone	7.31	105	376458	13.05	ng	# 98
49) Dimethylphthalate	9.66	163	111074	3.16	ng	# 91

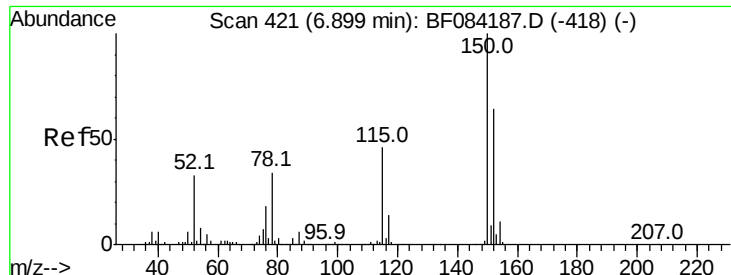
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF084222.D

Acq: 1 Jan 2016 3:52

Instrument :

BNA_F

ClientSampleId :

S8-0532

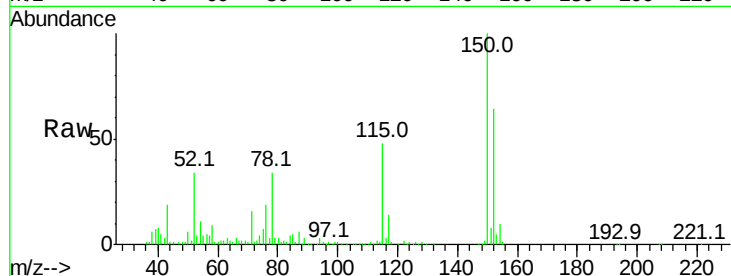
Tot Ion:152 Resp: 281066

Ion Ratio Lower Upper

152 100

150 156.7 123.0 184.4

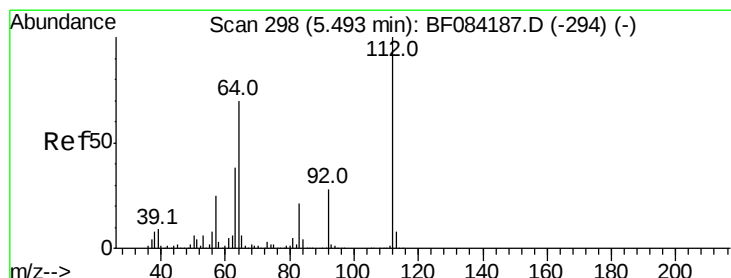
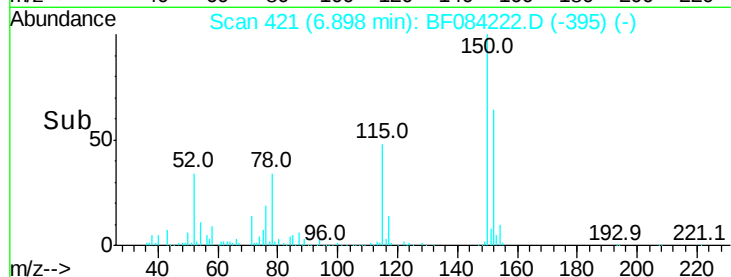
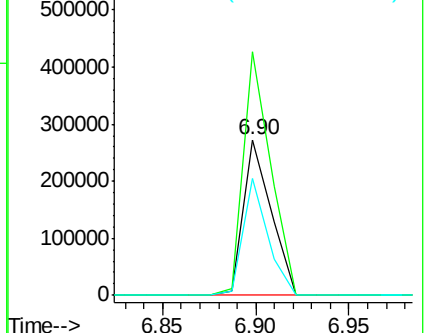
115 75.4 51.4 77.2



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: 54.99 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084222.D

Acq: 1 Jan 2016 3:52

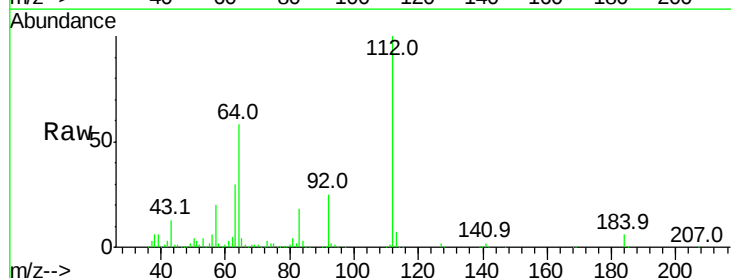
Tgt Ion:112 Resp: 955531

Ion Ratio Lower Upper

112 100

64 57.5 36.6 55.0#

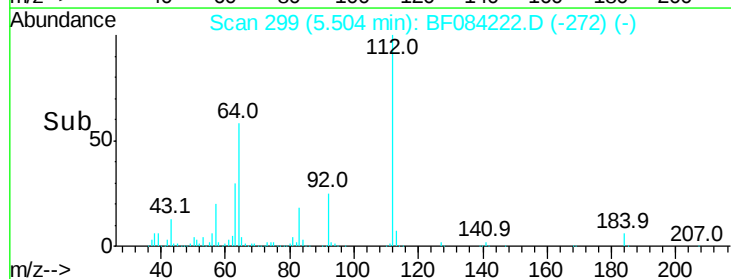
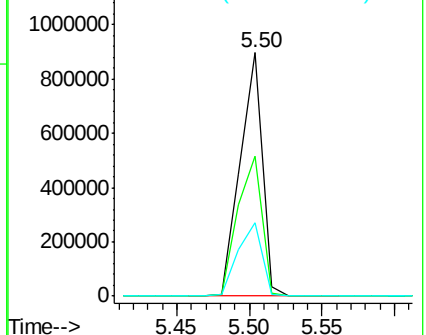
63 30.1 19.4 29.0#

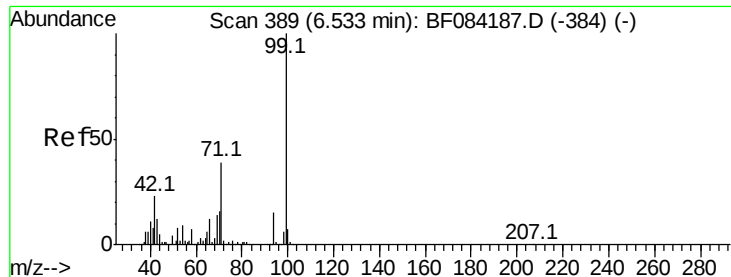


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.43 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF084222.D

Acq: 1 Jan 2016 3:52

Instrument :

BNA_F

ClientSampleId :

S8-0532

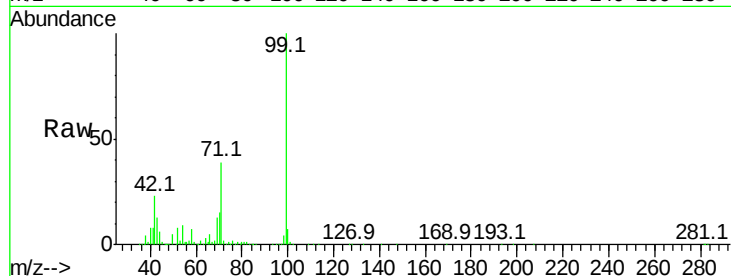
Tot Ion: 99 Resp: 751474

Ion Ratio Lower Upper

99 100

42 22.6 12.8 19.2#

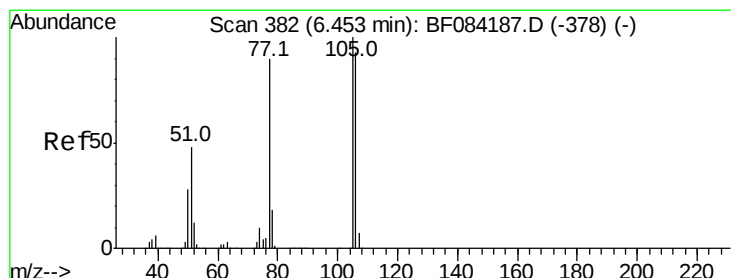
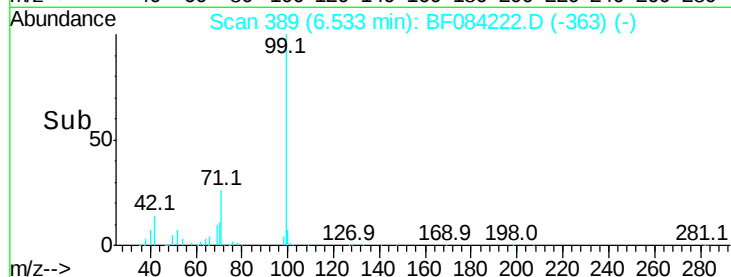
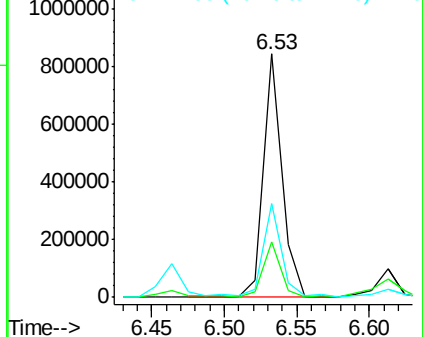
71 38.6 30.9 46.3



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: 4.23 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084222.D

Acq: 1 Jan 2016 3:52

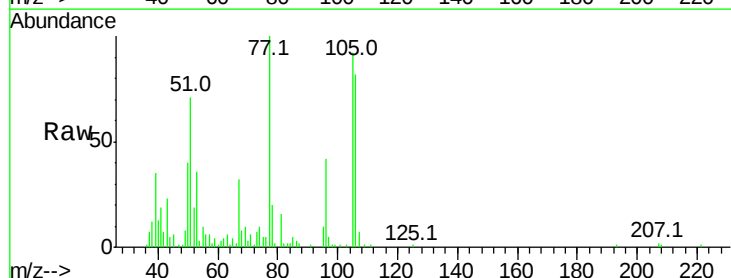
Tgt Ion: 77 Resp: 60060

Ion Ratio Lower Upper

77 100

105 91.8 83.0 123.0

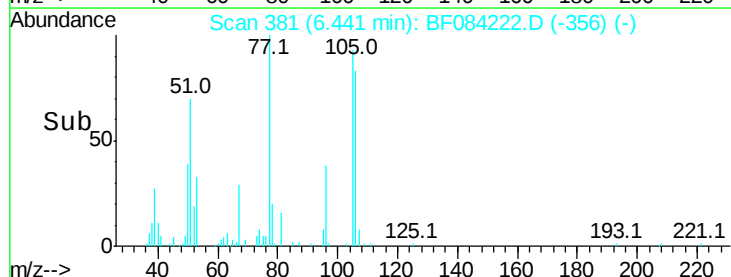
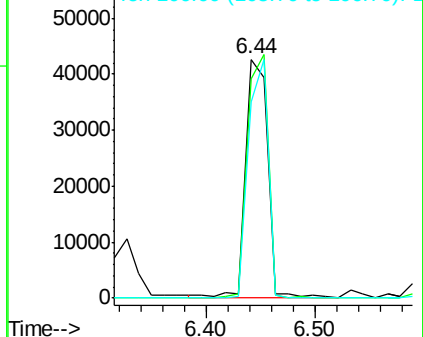
106 82.4 74.6 114.6

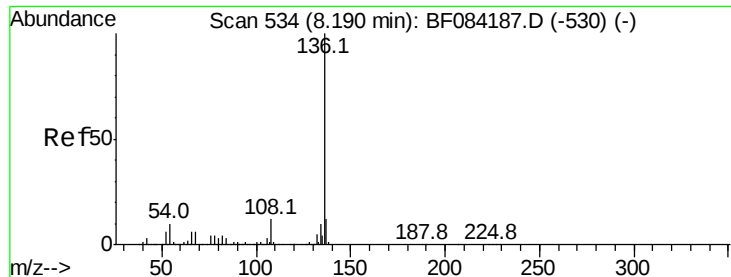


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF084222.D

Acq: 1 Jan 2016 3:52

Instrument :

BNA_F

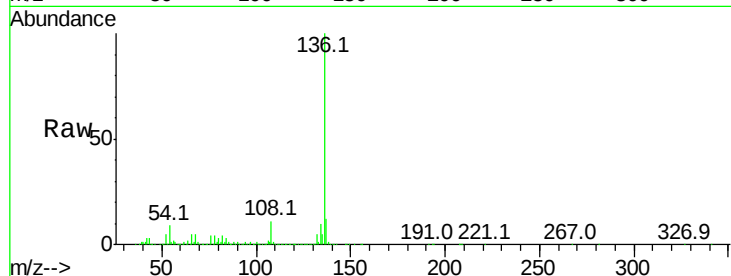
ClientSampleId :

S8-0532

Tot Ion:136 Resp: 1199632

Ion Ratio Lower Upper

136	100		
137	11.5	8.7	13.1
54	8.9	5.8	8.8#
68	5.4	4.2	6.2

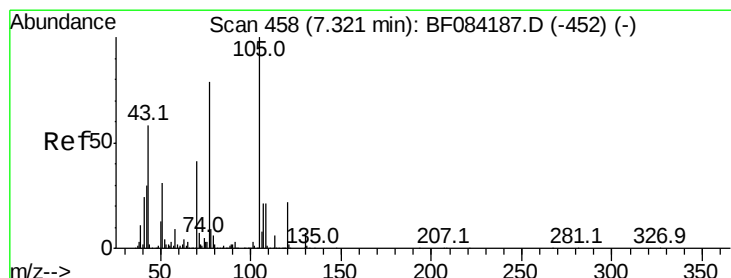
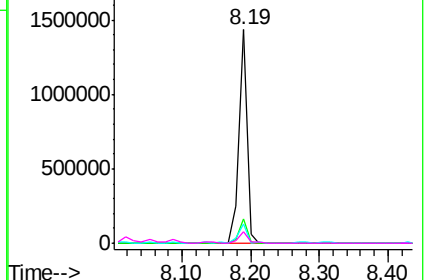
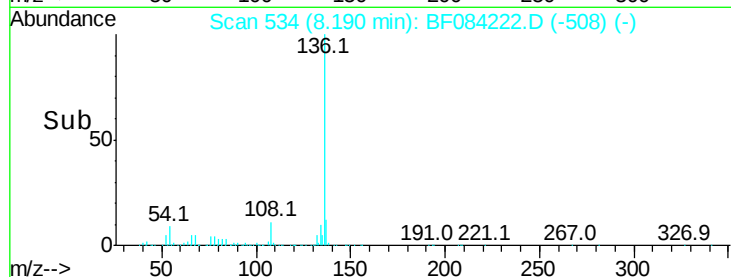


Abundance Ion 136.00 (135.70 to 136.70): E

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: 13.05 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

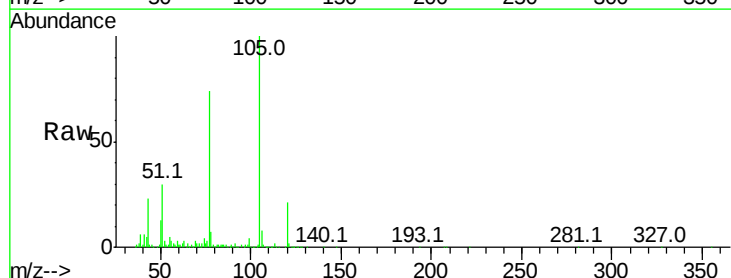
Lab File: BF084222.D

Acq: 1 Jan 2016 3:52

Tgt Ion:105 Resp: 376458

Ion Ratio Lower Upper

105	100		
71	1.9	3.7	5.5#
51	30.1	25.1	37.7
120	20.8	16.6	25.0

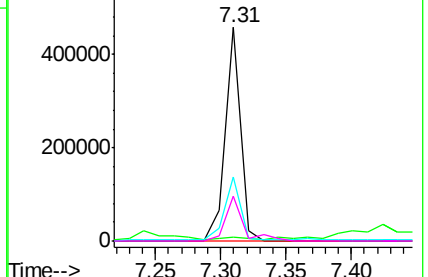
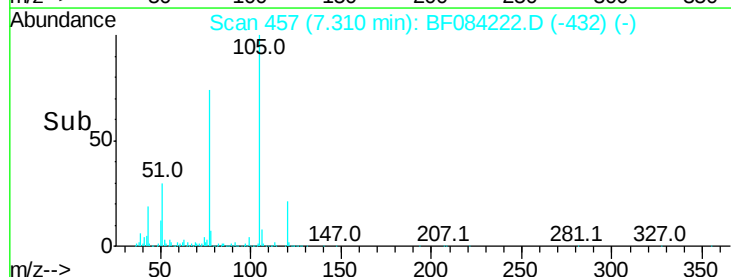


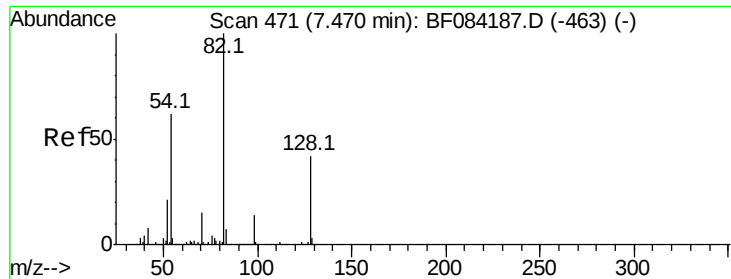
Abundance Ion 105.00 (104.70 to 105.70): E

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

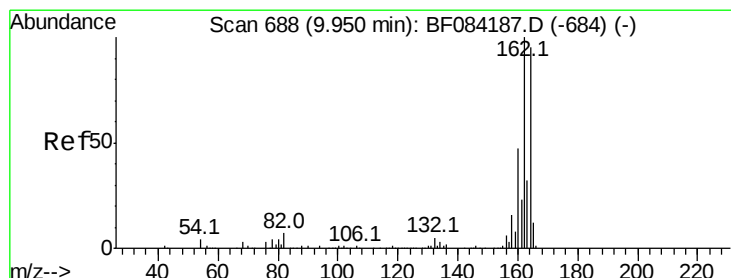
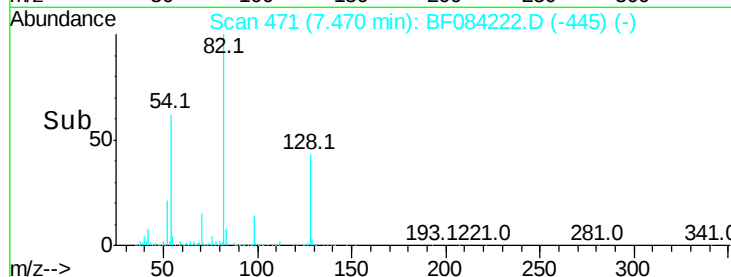
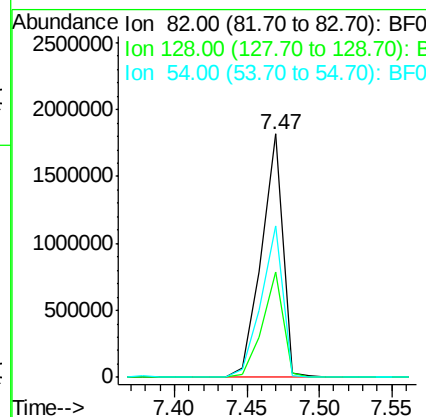
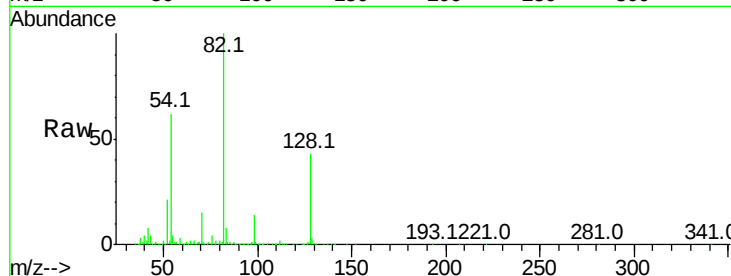




#23
 Nitrobenzene-d5
 Concen: 86.57 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF084222.D
 Acq: 1 Jan 2016 3:52

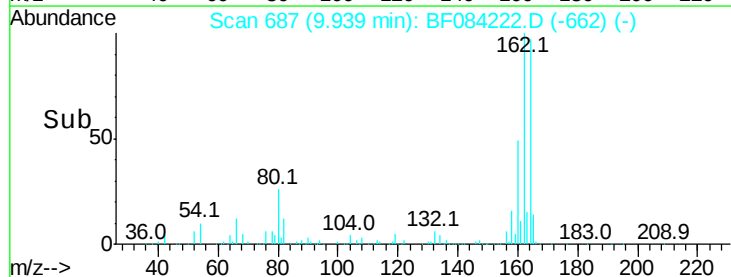
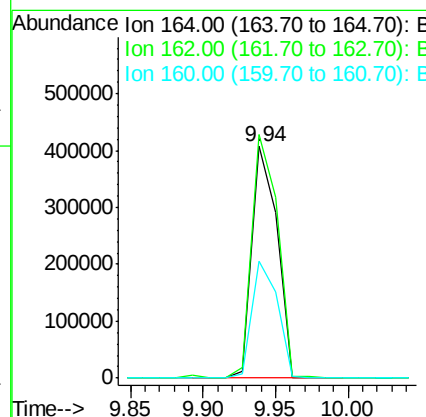
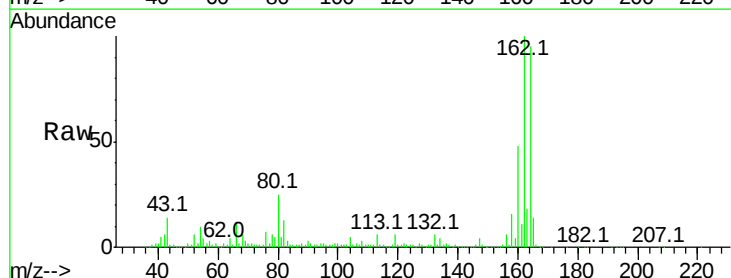
Instrument :
 BNA_F
 ClientSampleId :
 S8-0532

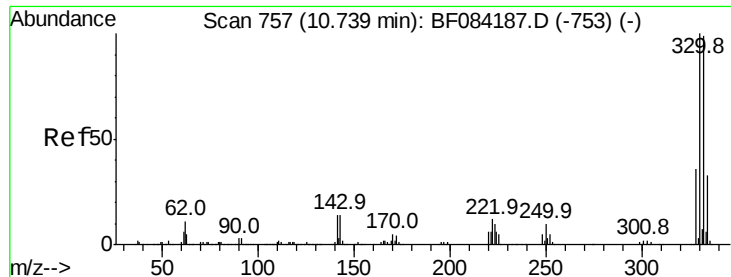
Tot Ion: 82 Resp: 1866087
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.6 51.8
 54 62.2 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF084222.D
 Acq: 1 Jan 2016 3:52

Tgt Ion: 164 Resp: 491516
 Ion Ratio Lower Upper
 164 100
 162 105.1 85.1 127.7
 160 50.4 37.5 56.3

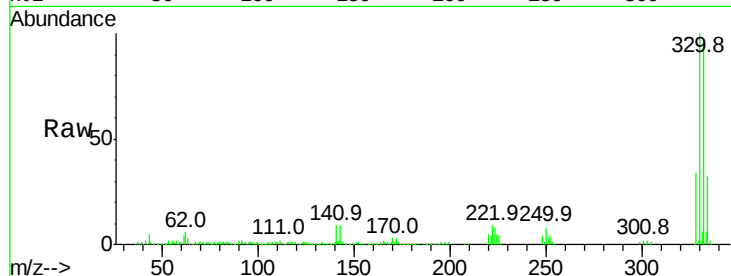




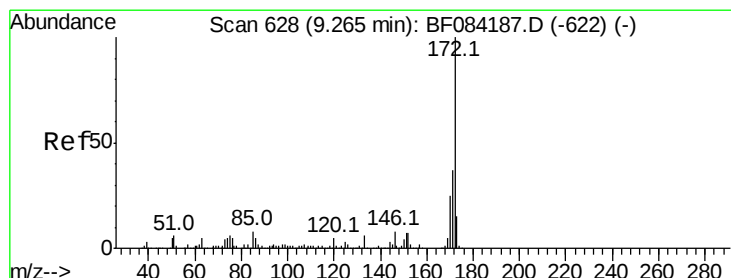
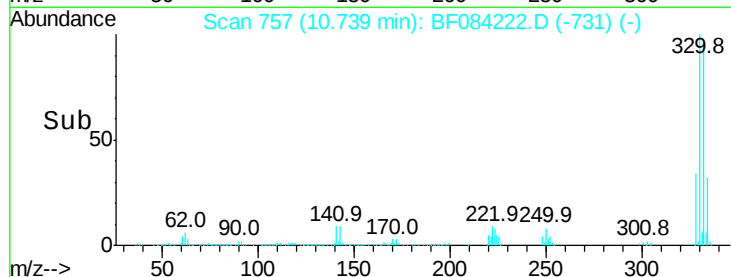
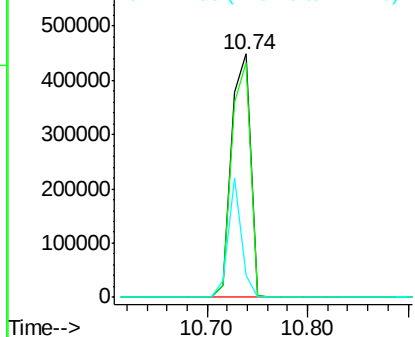
#41
 2,4,6-Tribromophenol
 Concen: 118.96 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF084222.D
 Acq: 1 Jan 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 S8-0532

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	34.3	27.8	41.6

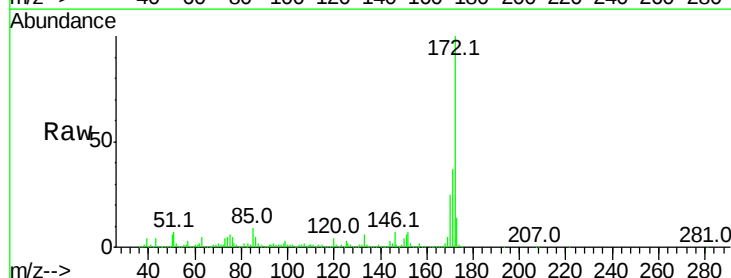


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

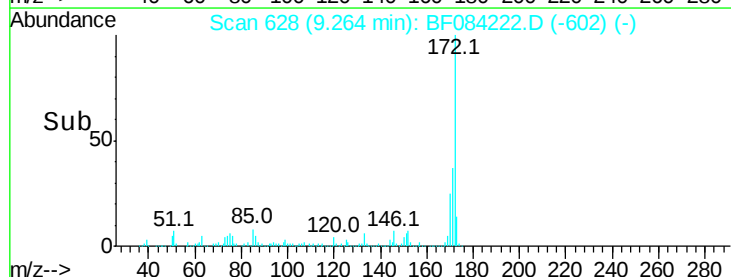
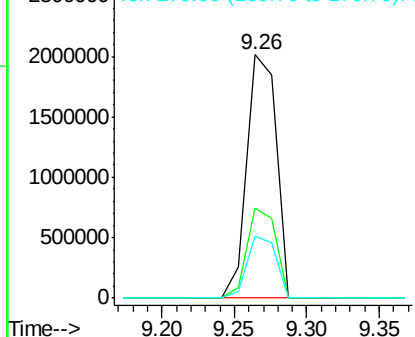


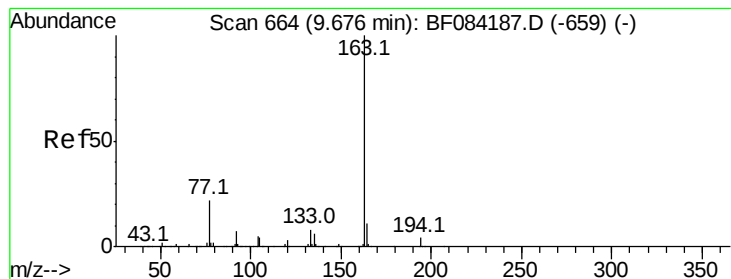
#44
 2-Fluorobiphenyl
 Concen: 102.80 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084222.D
 Acq: 1 Jan 2016 3:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	25.4	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





#49

Dimethylphthalate

Concen: 3.16 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF084222.D

Acq: 1 Jan 2016 3:52

Instrument :

BNA_F

ClientSampleId :

S8-0532

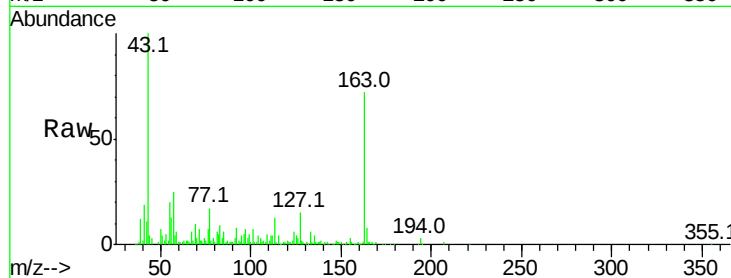
Tot Ion:163 Resp: 111074

Ion Ratio Lower Upper

163 100

194 3.8 8.0 12.0#

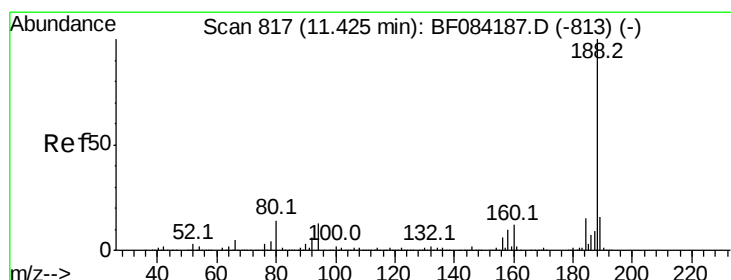
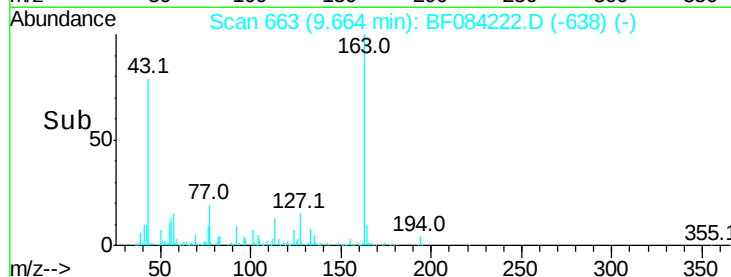
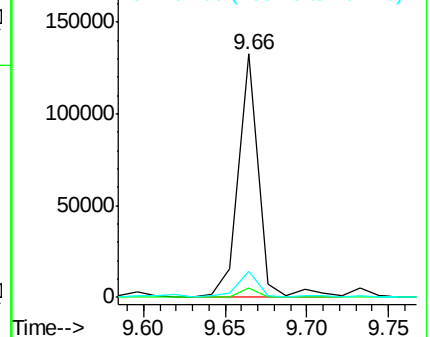
164 10.6 8.0 12.0



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: 11.42 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF084222.D

Acq: 1 Jan 2016 3:52

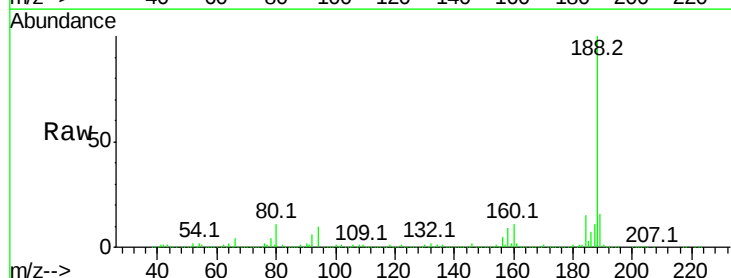
Tgt Ion:188 Resp: 867128

Ion Ratio Lower Upper

188 100

94 10.1 9.0 13.4

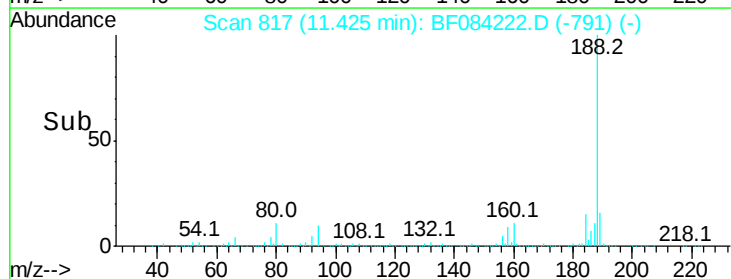
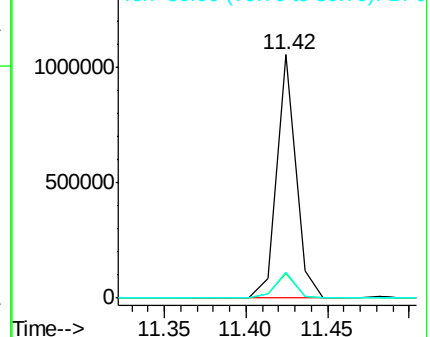
80 10.7 9.6 14.4

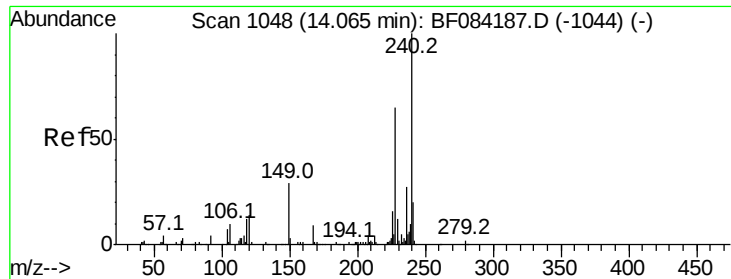


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.06 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF084222.D

Acq: 1 Jan 2016 3:52

Instrument :

BNA_F

ClientSampleId :

S8-0532

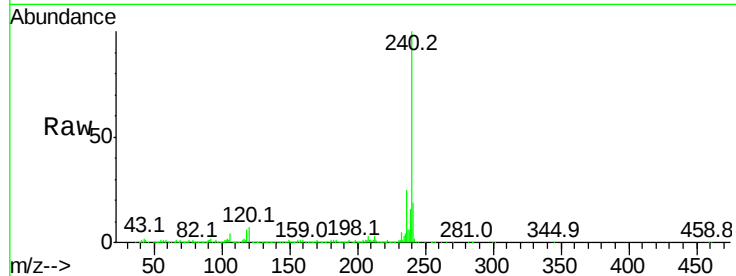
Tot Ion:240 Resp: 566113

Ion Ratio Lower Upper

240 100

120 6.5 9.5 14.3#

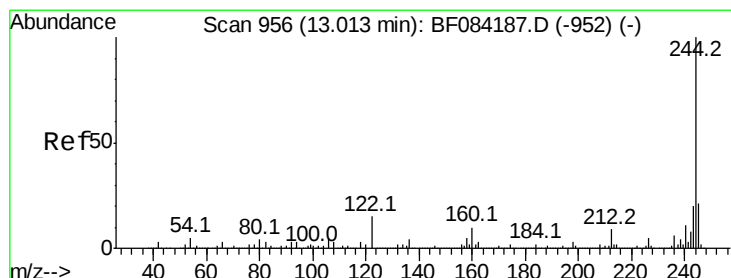
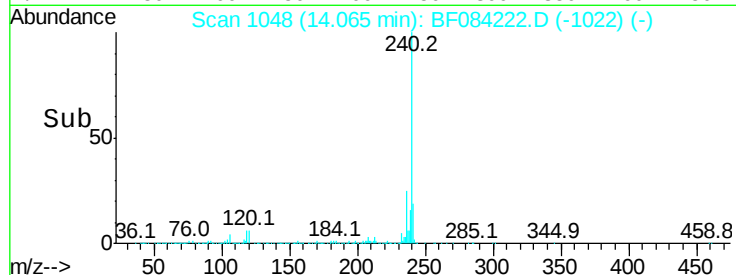
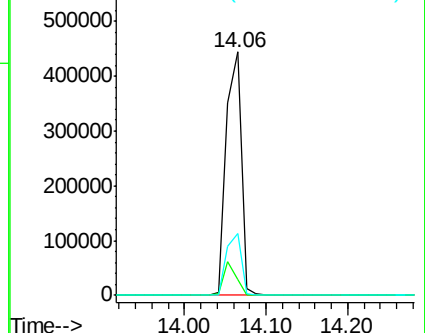
236 25.3 20.6 31.0



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: 77.35 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF084222.D

Acq: 1 Jan 2016 3:52

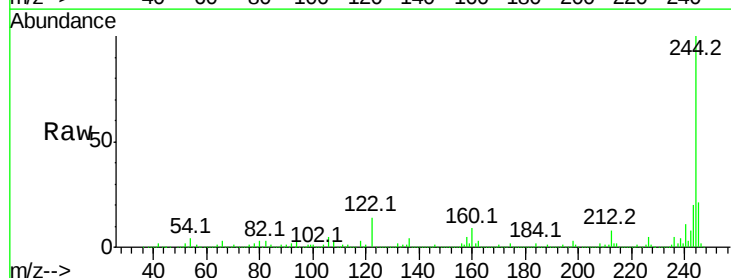
Tgt Ion:244 Resp: 1961761

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

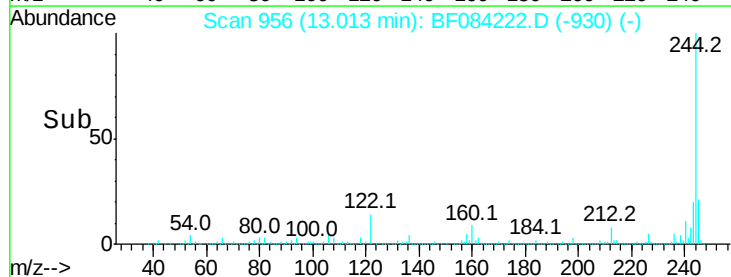
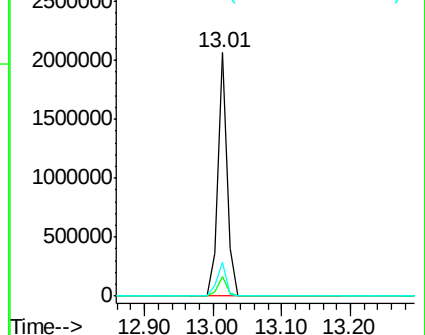
122 13.8 7.4 11.0#

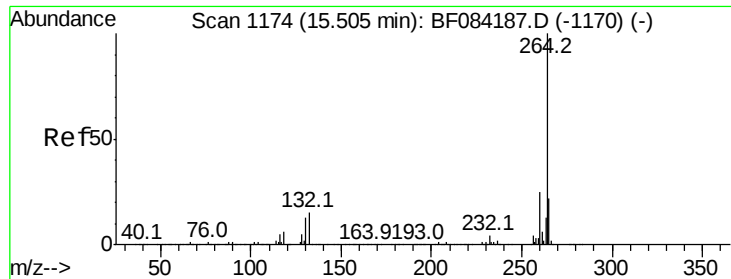


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

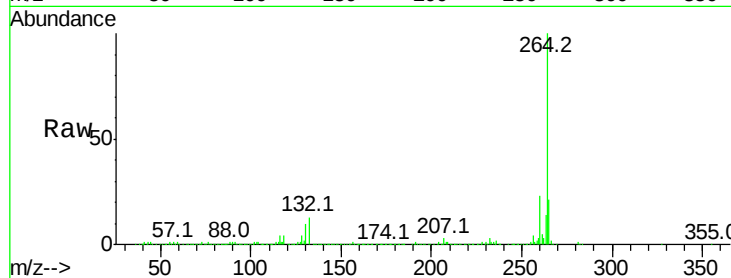




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF084222.D
Acq: 1 Jan 2016 3:52

Instrument :
BNA_F
ClientSampleId :
S8-0532

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.0	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

