

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081132.D
 Acq On : 20 Aug 2015 19:08
 Operator : UM/IZ
 Sample : G3345-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-2

Quant Time: Aug 21 02:24:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

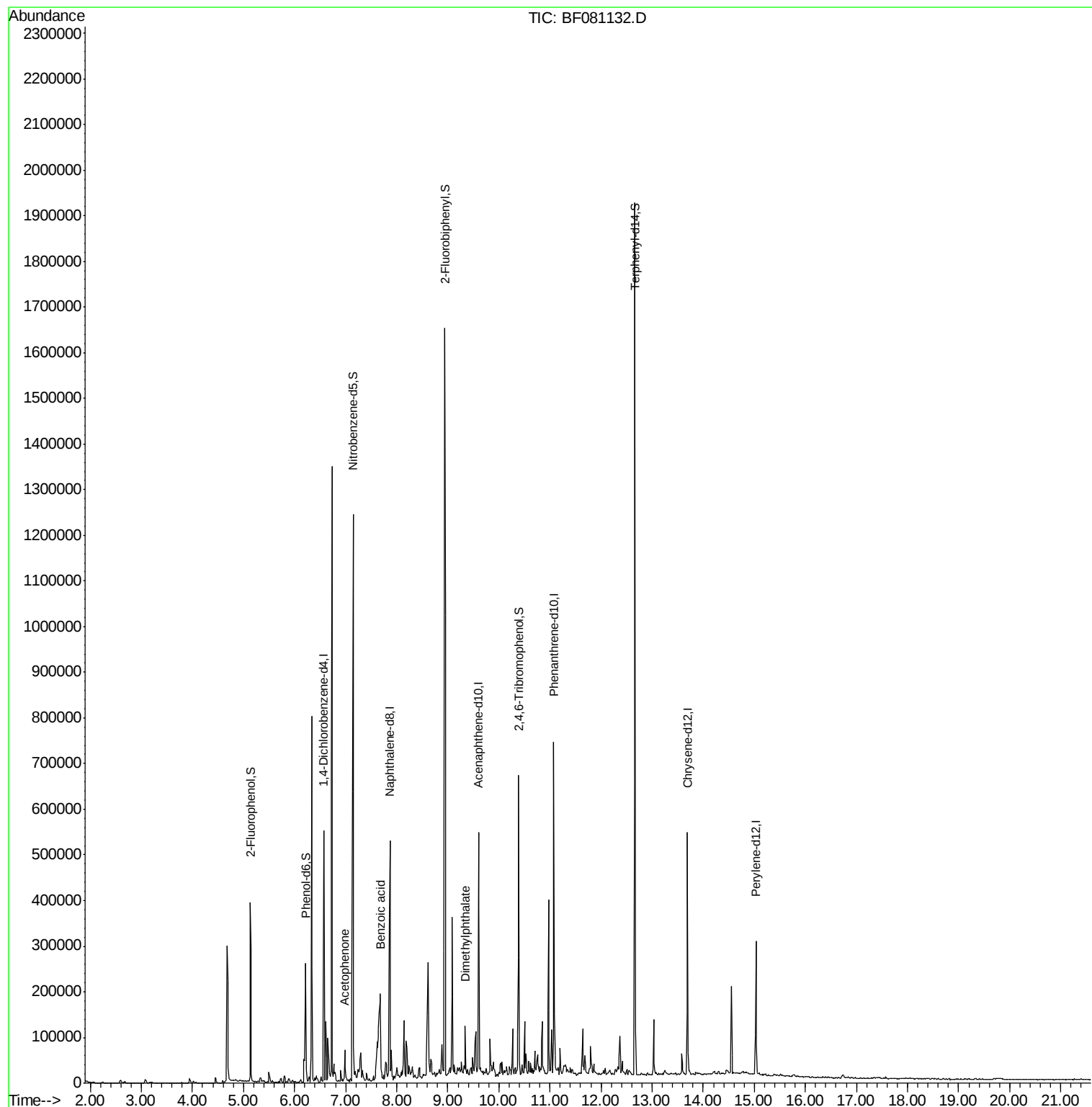
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	72165	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	288009	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	123767	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	238504	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	169812	20.00	ng	-0.01
86) Perylene-d12	15.03	264	106395	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	126072	26.28	ng	-0.01
7) Phenol-d6	6.22	99	114584	18.30	ng	-0.01
23) Nitrobenzene-d5	7.14	82	398482	63.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.39	330	57397	53.50	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	658963	69.76	ng	-0.02
78) Terphenyl-d14	12.67	244	561422	70.88	ng	-0.01
Target Compounds						
22) Acetophenone	6.98	105	19018	2.52	ng	Qvalue # 92
32) Benzoic acid	7.68	122	105891	38.82	ng	90
49) Dimethylphthalate	9.34	163	34892	3.42	ng	100

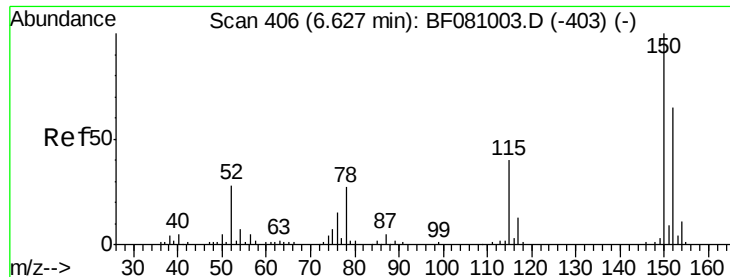
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

Instrument :

BNA_F

ClientSampleId :

TEC-2

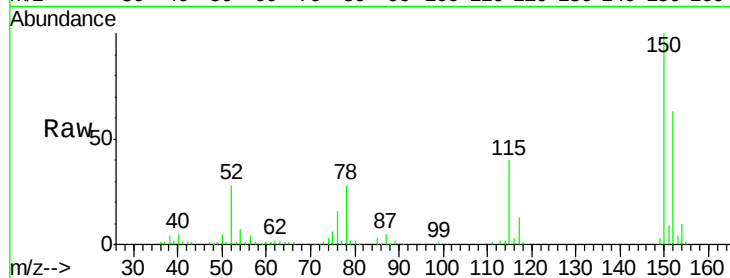
Tot Ion:152 Resp: 72165

Ion Ratio Lower Upper

152 100

150 158.3 123.8 185.6

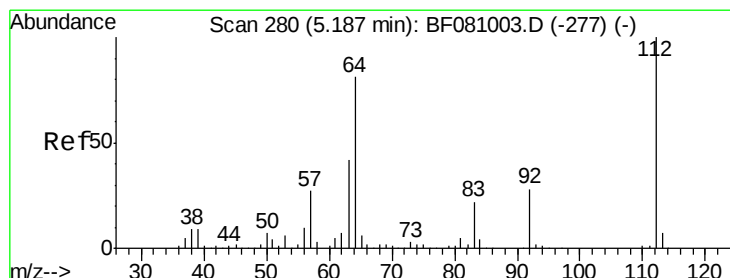
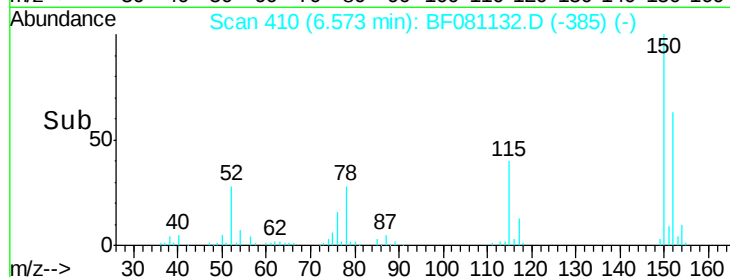
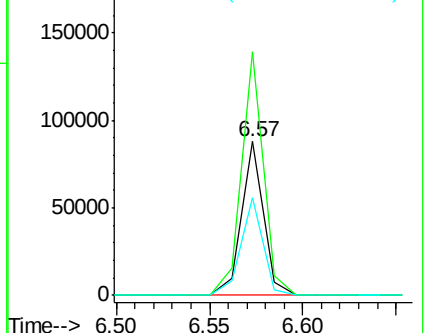
115 63.7 52.1 78.1



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: 26.28 ng

RT: 5.13 min Scan# 284

Delta R.T. -0.01 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

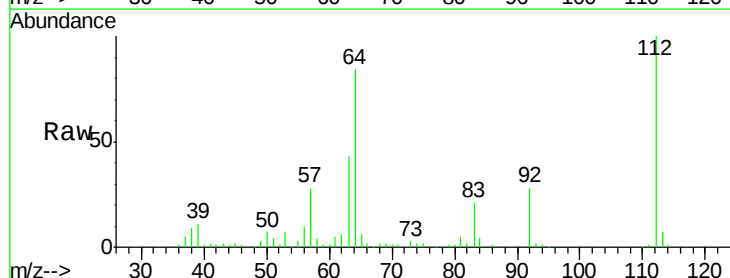
Tgt Ion:112 Resp: 126072

Ion Ratio Lower Upper

112 100

64 83.6 66.9 100.3

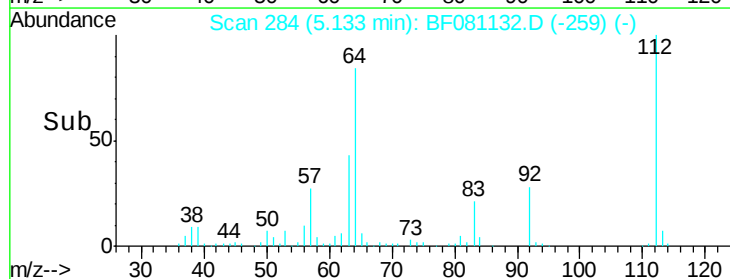
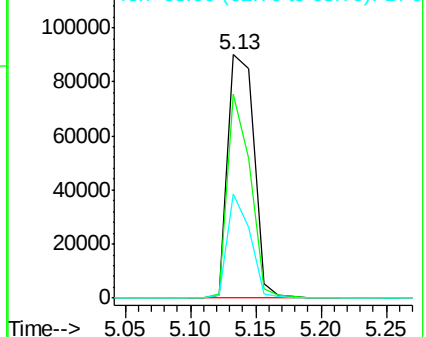
63 42.9 38.1 57.1

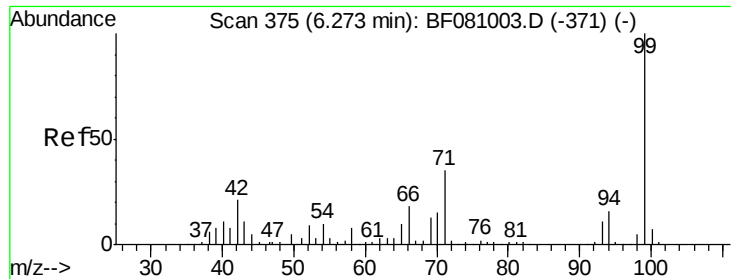


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.30 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

Instrument :

BNA_F

ClientSampleId :

TEC-2

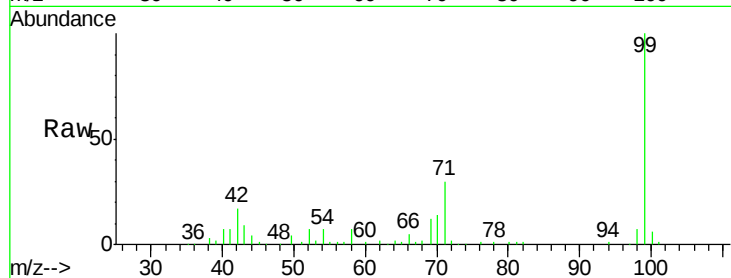
Tot Ion: 99 Resp: 114584

Ion Ratio Lower Upper

99 100

42 17.2 19.6 29.4#

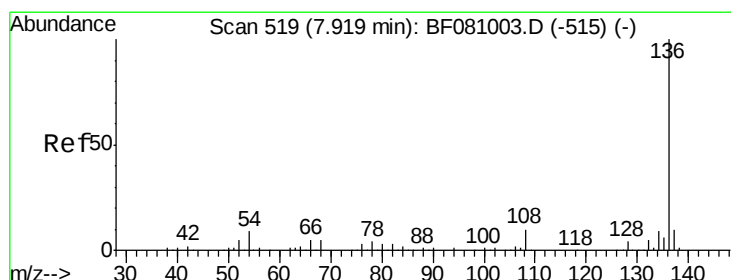
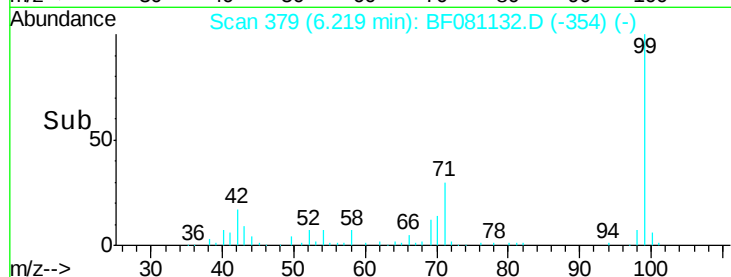
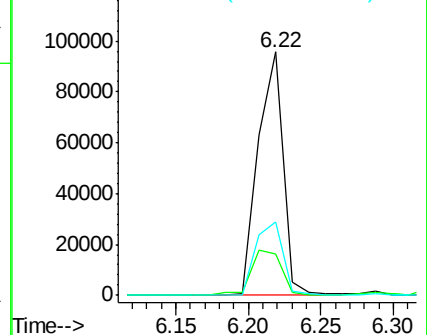
71 30.2 31.2 46.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

Tgt Ion: 136 Resp: 288009

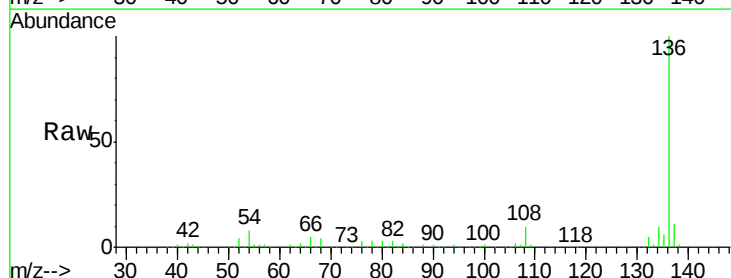
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.2

54 7.9 7.7 11.5

68 4.3 3.4 5.2

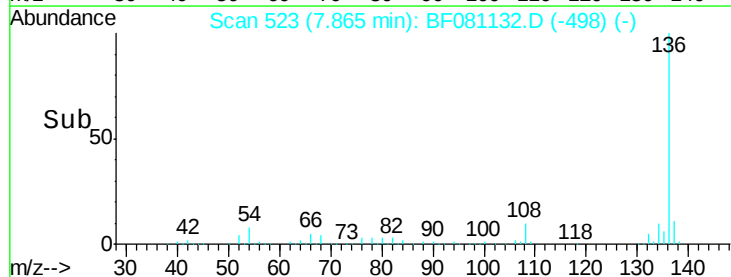
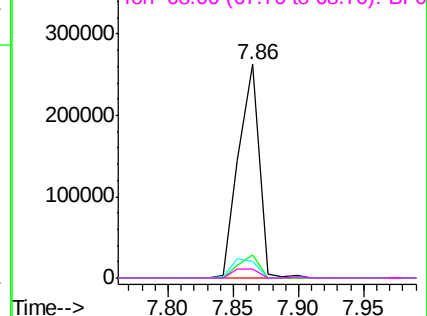


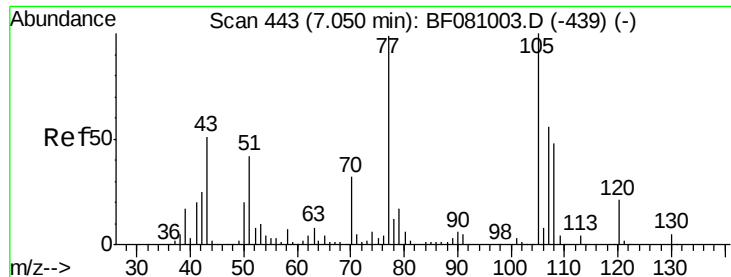
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.52 ng

RT: 6.98 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

Instrument :

BNA_F

ClientSampleId :

TEC-2

Tot Ion:105 Resp: 19018

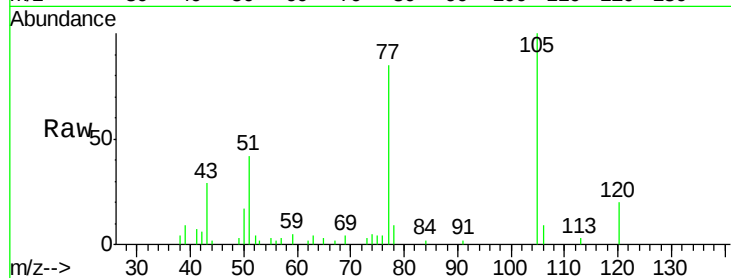
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.6#

51 42.4 39.8 59.8

120 20.3 15.8 23.8

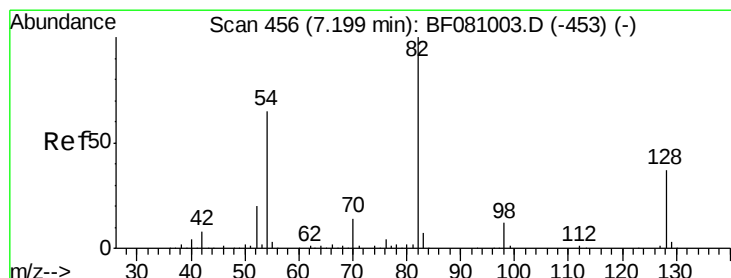
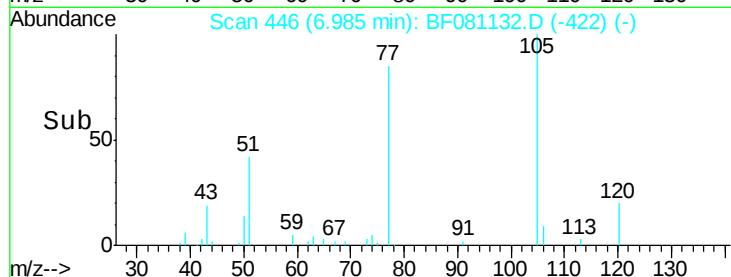
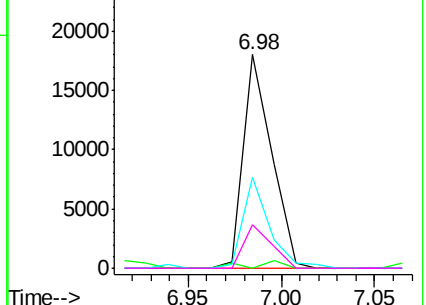


Abundance Ion 105.00 (104.70 to 105.70): E

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: 63.20 ng

RT: 7.14 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

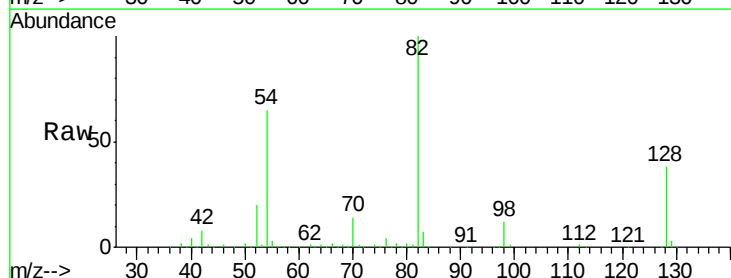
Tgt Ion: 82 Resp: 398482

Ion Ratio Lower Upper

82 100

128 37.6 28.6 42.8

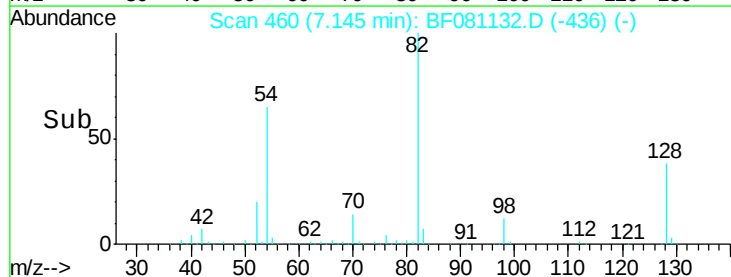
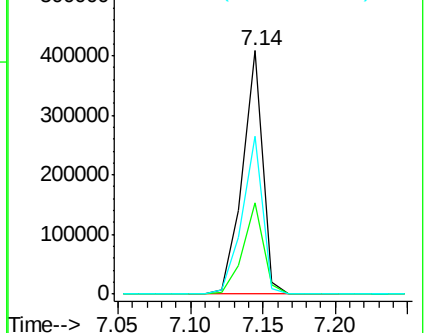
54 64.8 55.1 82.7

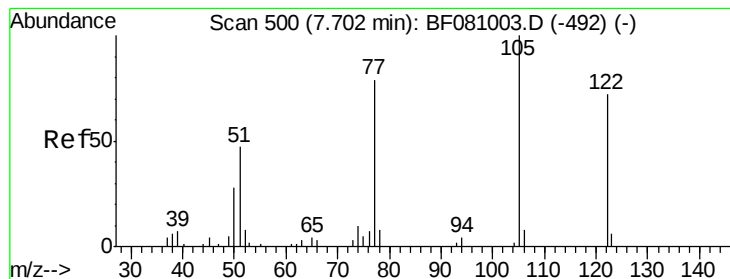


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 38.82 ng

RT: 7.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

Instrument :

BNA_F

ClientSampleId :

TEC-2

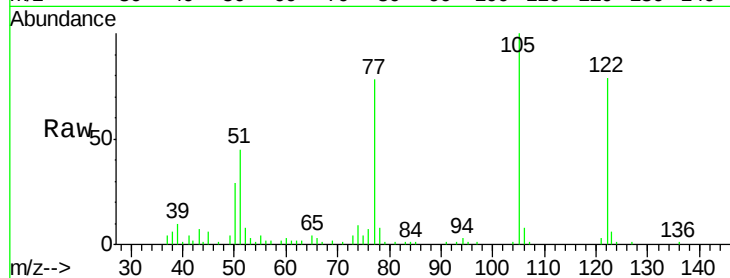
Tot Ion:122 Resp: 105891

Ion Ratio Lower Upper

122 100

105 126.5 113.8 153.8

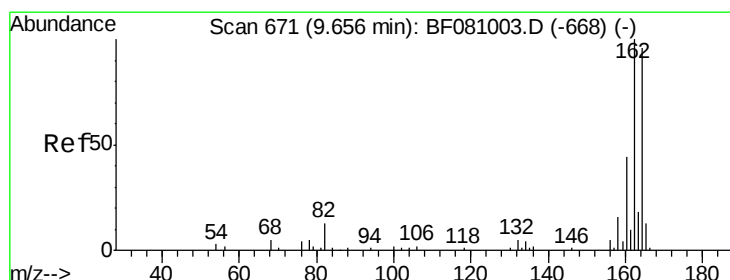
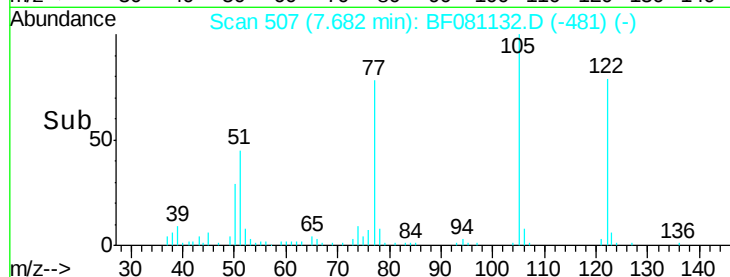
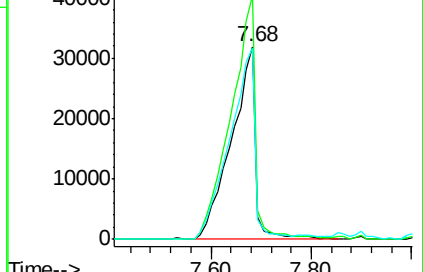
77 99.1 93.8 133.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BFO



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

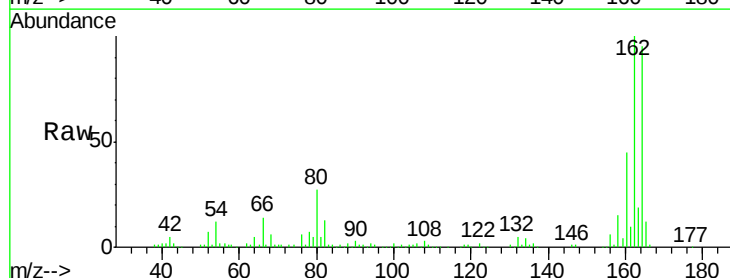
Tgt Ion:164 Resp: 123767

Ion Ratio Lower Upper

164 100

162 105.1 83.8 125.8

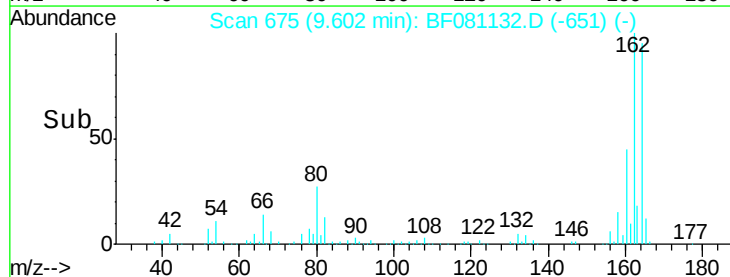
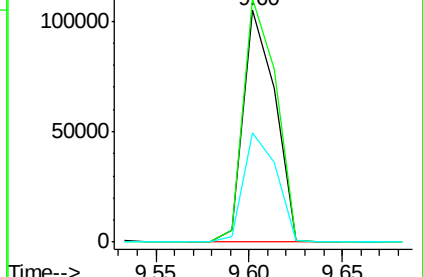
160 47.0 39.8 59.8

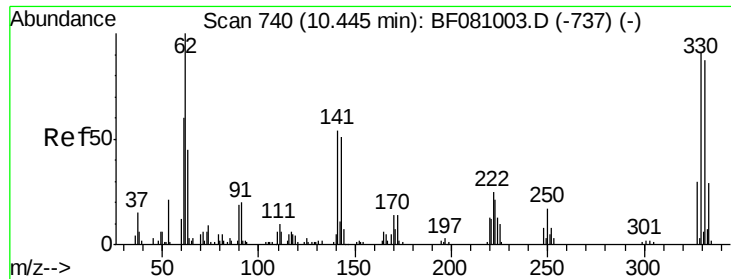


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

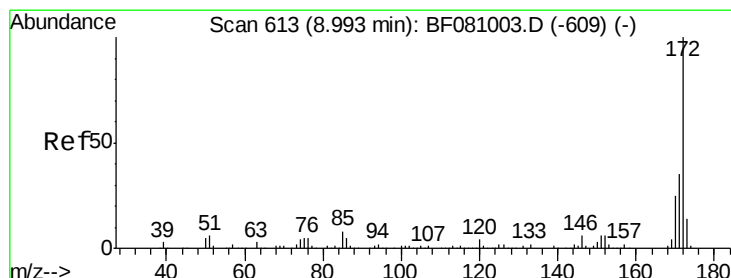
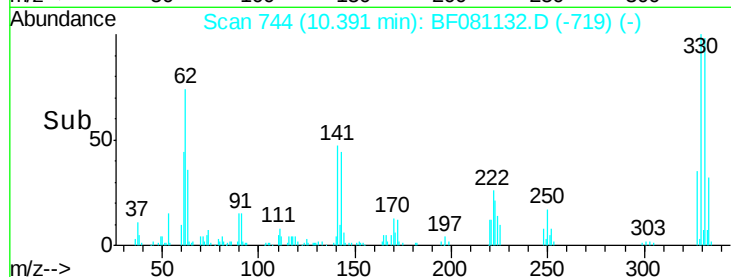
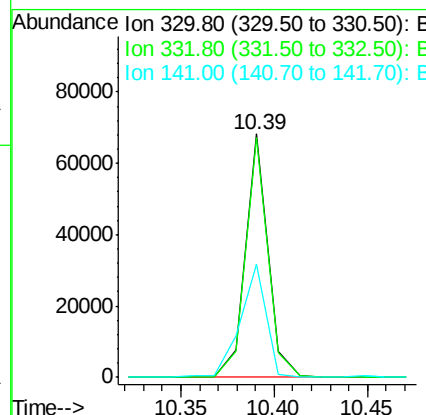
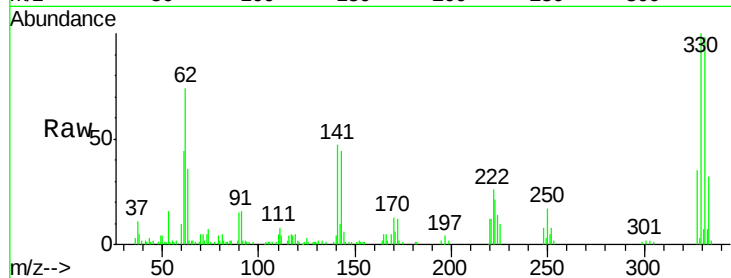




#41
 2,4,6-Tribromophenol
 Concen: 53.50 ng
 RT: 10.39 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF081132.D
 Acq: 20 Aug 2015 19:08

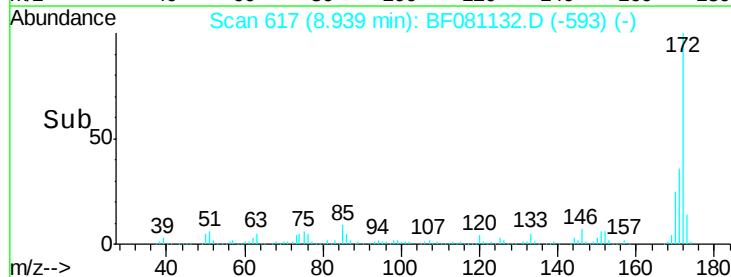
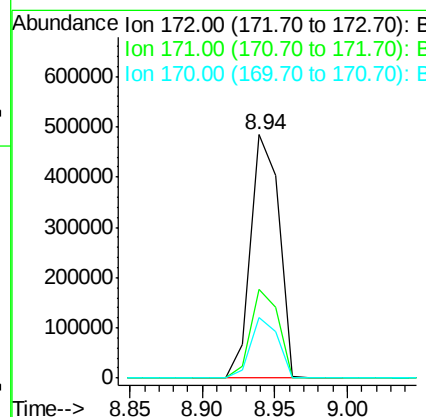
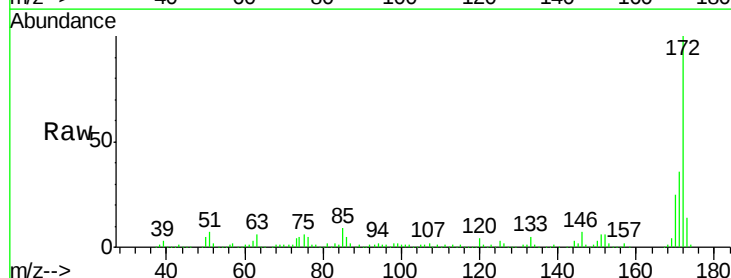
Instrument :
 BNA_F
 ClientSampled :
 TEC-2

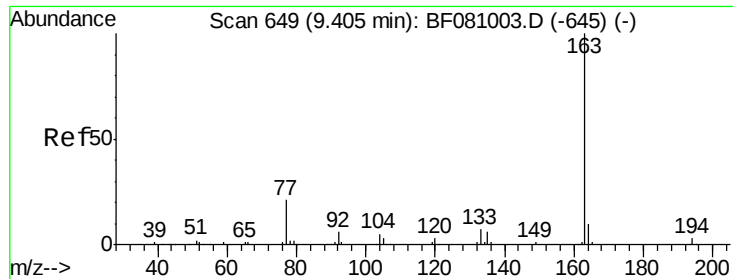
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	53.9	44.9	67.3



#44
 2-Fluorobiphenyl
 Concen: 69.76 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF081132.D
 Acq: 20 Aug 2015 19:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.8	19.4	29.2

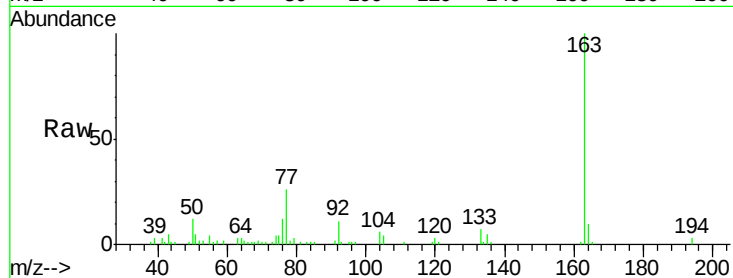




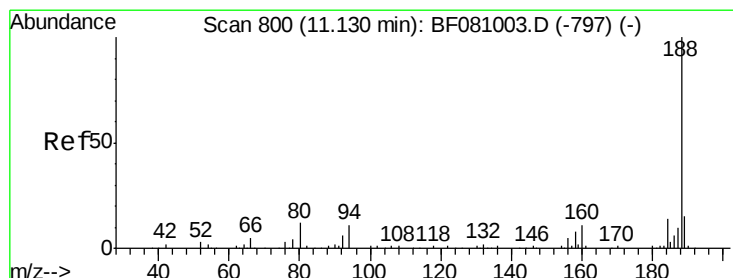
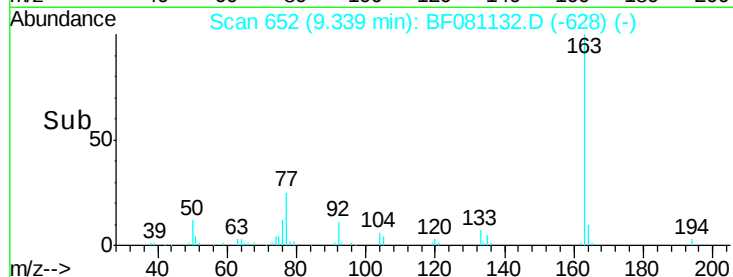
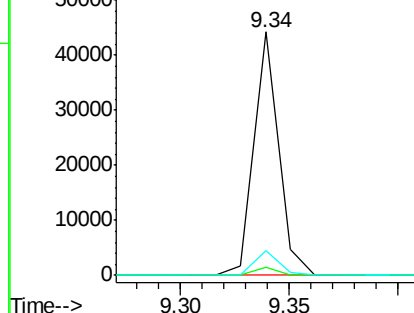
#49
Dimethylphthalate
Concen: 3.42 ng
RT: 9.34 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF081132.D
Acq: 20 Aug 2015 19:08

Instrument :
BNA_F
ClientSampleId :
TEC-2

Tot Ion:163 Resp: 34892
Ion Ratio Lower Upper
163 100
194 3.2 2.5 3.7
164 10.2 8.1 12.1

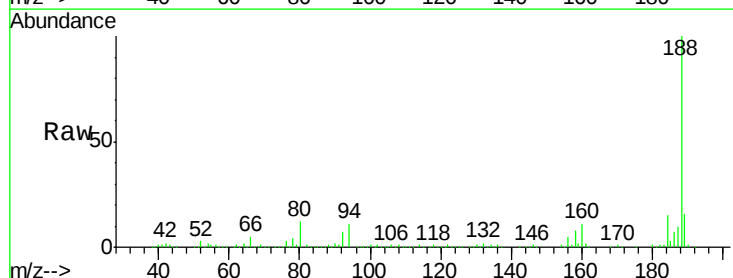


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

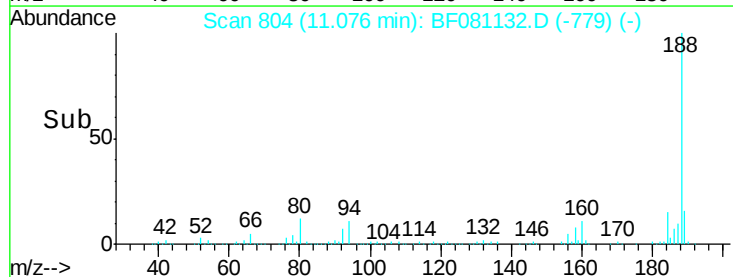
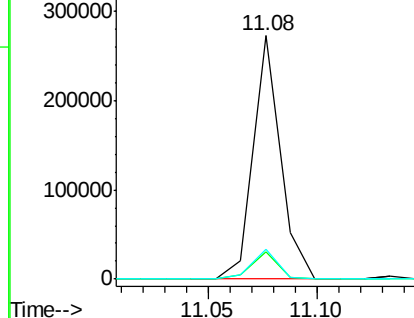


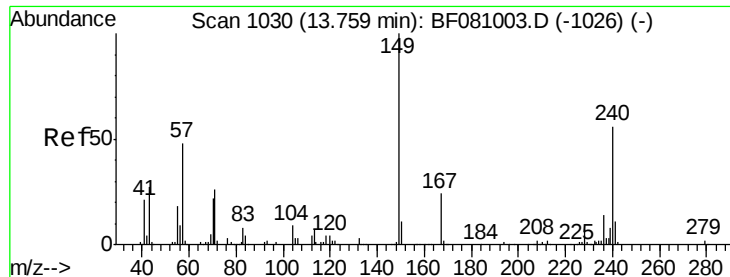
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF081132.D
Acq: 20 Aug 2015 19:08

Tgt Ion:188 Resp: 238504
Ion Ratio Lower Upper
188 100
94 11.2 8.2 12.2
80 12.4 9.5 14.3



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: 13.69 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

Instrument :

BNA_F

ClientSampleId :

TEC-2

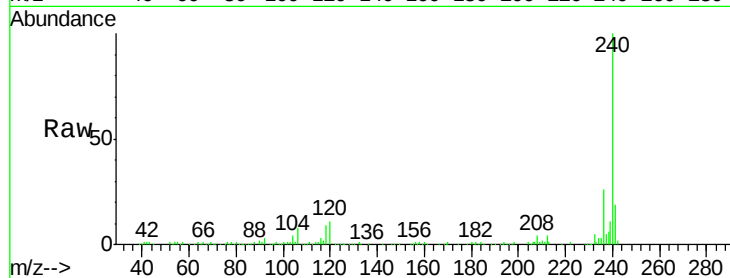
Tot Ion:240 Resp: 169812

Ion Ratio Lower Upper

240 100

120 10.6 5.6 8.4#

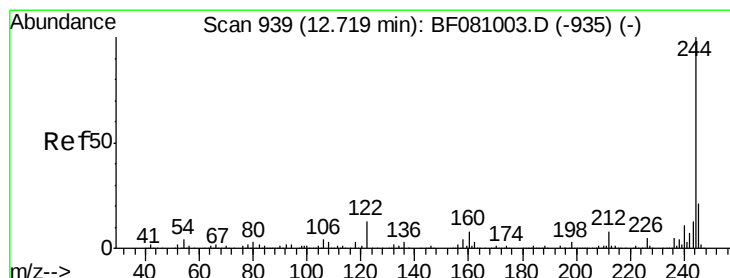
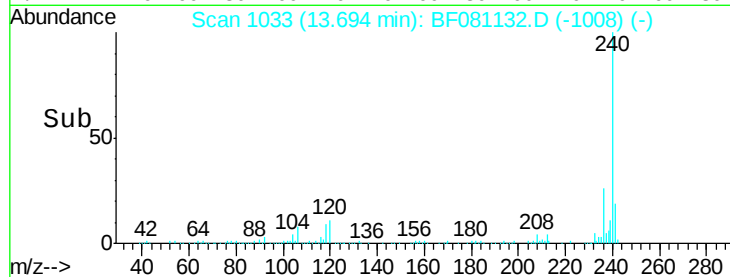
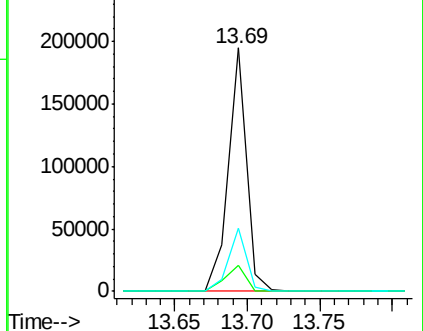
236 25.8 20.6 30.8



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: 70.88 ng

RT: 12.67 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

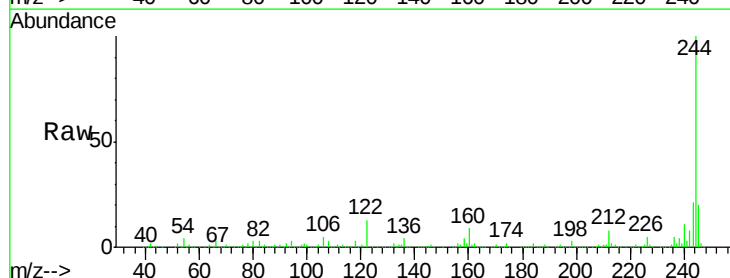
Tgt Ion:244 Resp: 561422

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

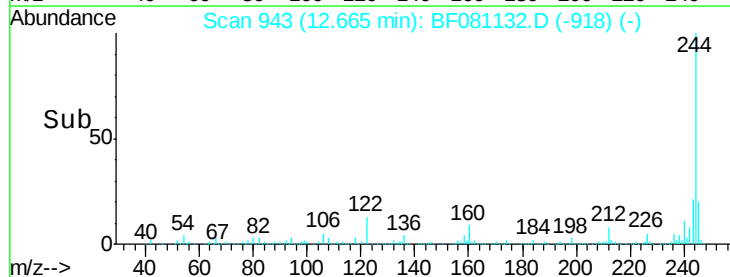
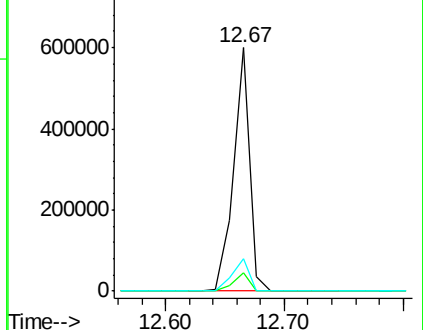
122 13.5 8.2 12.4#

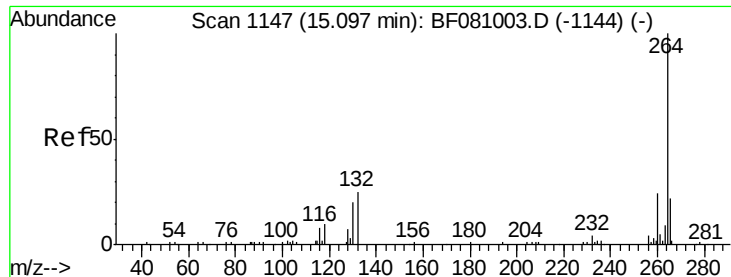


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

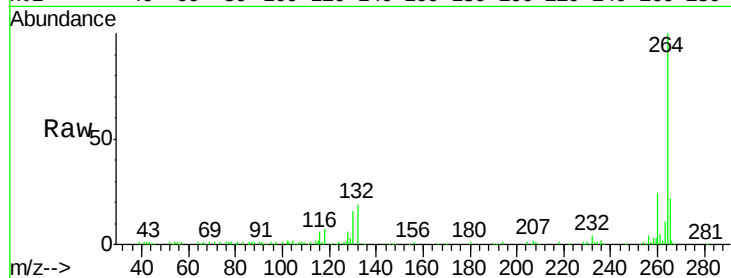




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF081132.D
 Acq: 20 Aug 2015 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TEC-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.0	17.5	26.3



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

