

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082715\
 Data File : BF081241.D
 Acq On : 27 Aug 2015 5:59
 Operator : UM/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Aug 27 06:25:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\625-TERPINEOL-BF082715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 06:09:48 2015
 Response via : Initial Calibration

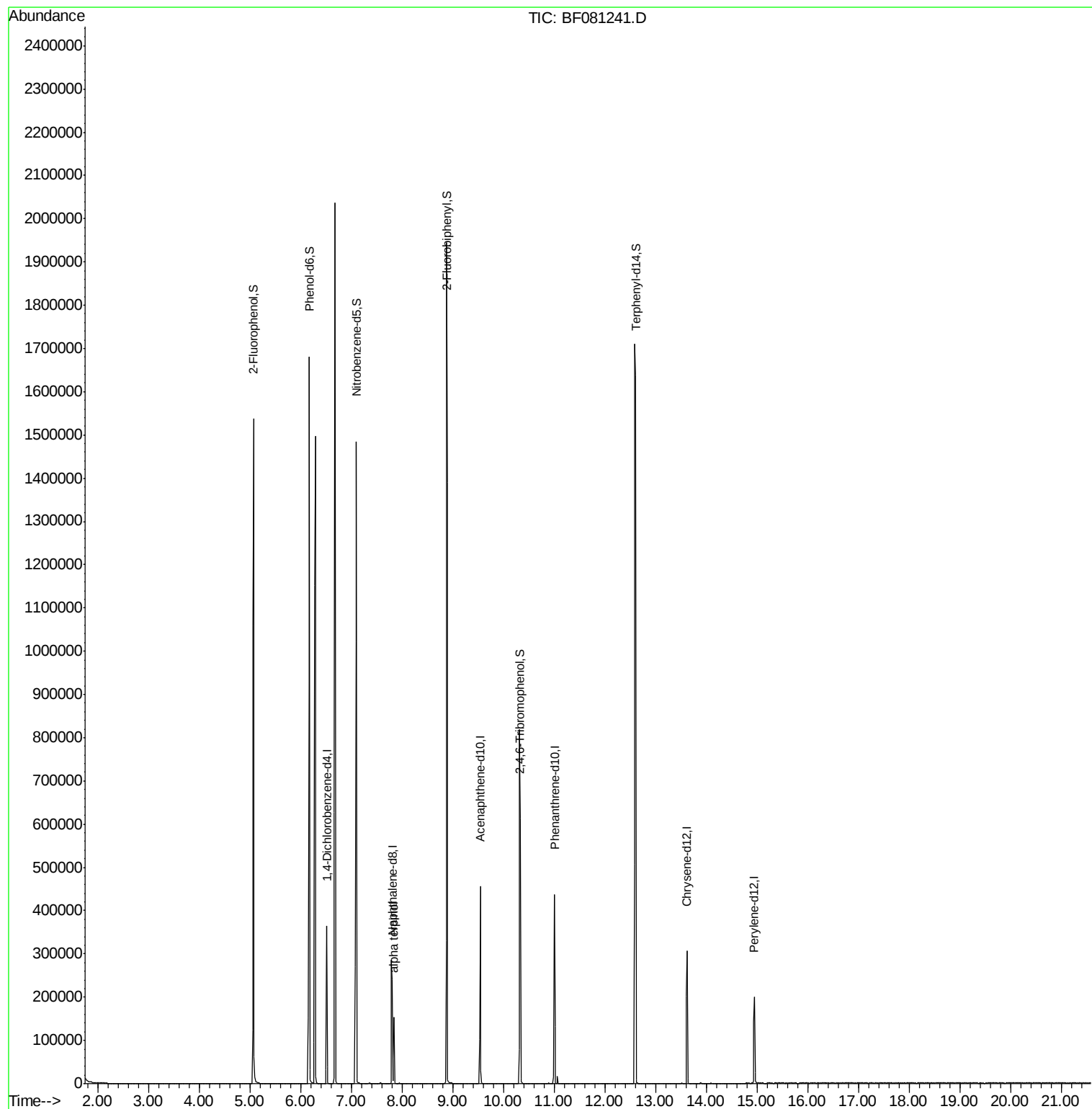
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	47682	20.00	ng	0.00
4) Naphthalene-d8	7.81	136	176965	20.00	ng	0.01
7) Acenaphthene-d10	9.54	164	88216	20.00	ng	0.00
10) Phenanthrene-d10	11.01	188	164388	20.00	ng	0.00
11) Chrysene-d12	13.62	240	137622	20.00	ng	0.00
13) Perylene-d12	14.95	264	100497	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.07	112	481690	160.02	ng	0.01
3) Phenol-d6	6.17	99	641710	159.56	ng	0.01
5) Nitrobenzene-d5	7.10	82	644914	182.15	ng	0.01
8) 2,4,6-Tribromophenol	10.33	330	117560	187.33	ng	0.01
9) 2-Fluorobiphenyl	8.88	172	862008	147.80	ng	0.00
12) Terphenyl-d14	12.61	244	929977	160.08	ng	0.01
Target Compounds						
6) alpha terpinol	7.84	59	29979	85.56	ng	Qvalue 95

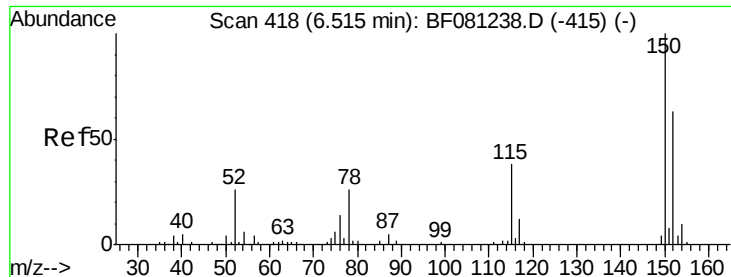
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082715\
Data File : BF081241.D
Acq On : 27 Aug 2015 5:59
Operator : UM/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 27 06:25:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\625-TERPINEOL-BF082715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 06:09:48 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF081241.D

Acq: 27 Aug 2015 5:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

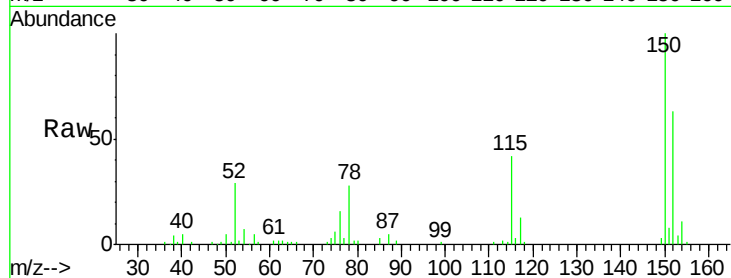
Tgt Ion:152 Resp: 47682

Ion Ratio Lower Upper

152 100

150 158.7 127.8 191.8

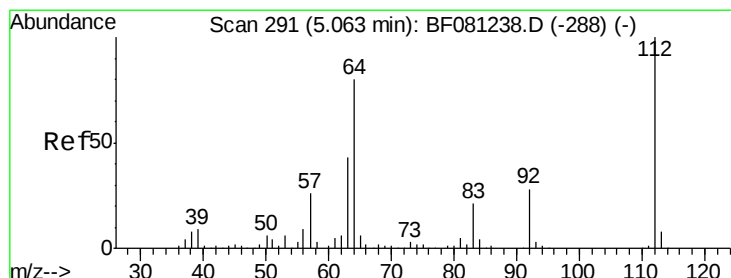
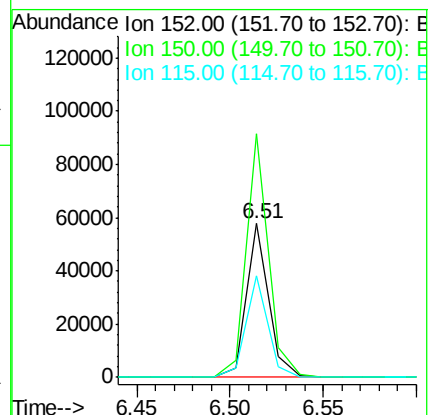
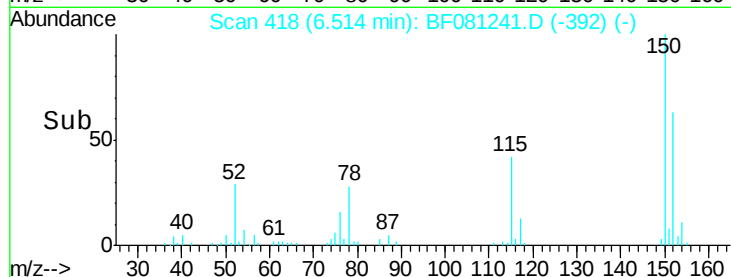
115 66.2 48.6 72.8



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



#2

2-Fluorophenol

Concen: 160.02 ng

RT: 5.07 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF081241.D

Acq: 27 Aug 2015 5:59

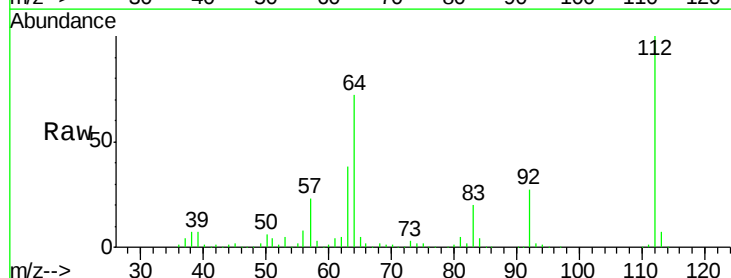
Tgt Ion:112 Resp: 481690

Ion Ratio Lower Upper

112 100

64 72.1 64.2 96.4

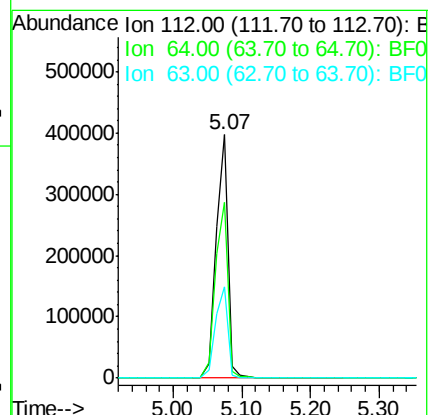
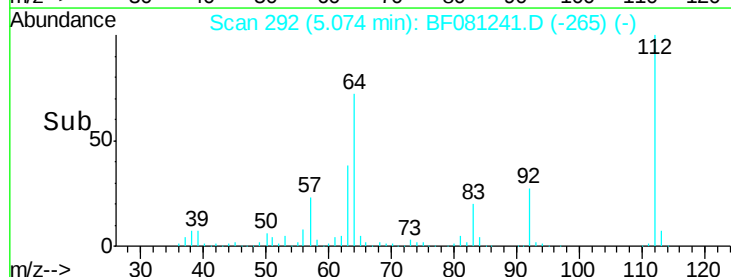
63 37.7 34.6 52.0

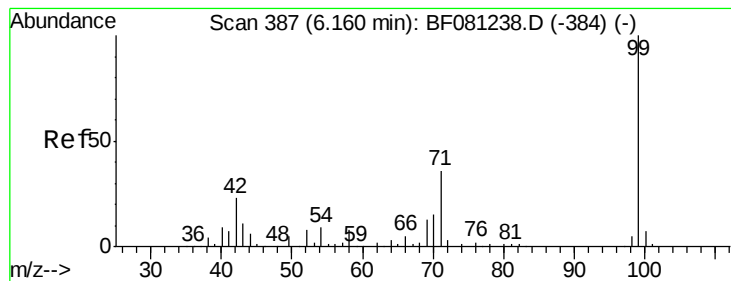


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#3

Phenol-d6

Concen: 159.56 ng

RT: 6.17 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF081241.D

Acq: 27 Aug 2015 5:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

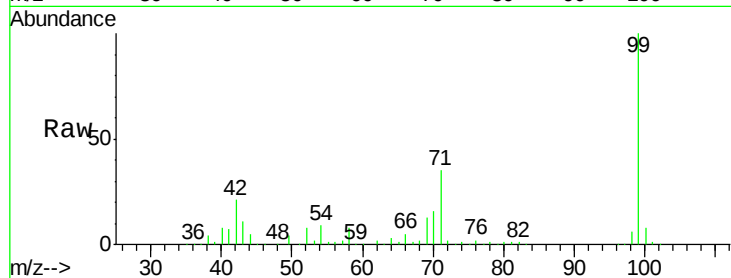
Tgt Ion: 99 Resp: 641710

Ion Ratio Lower Upper

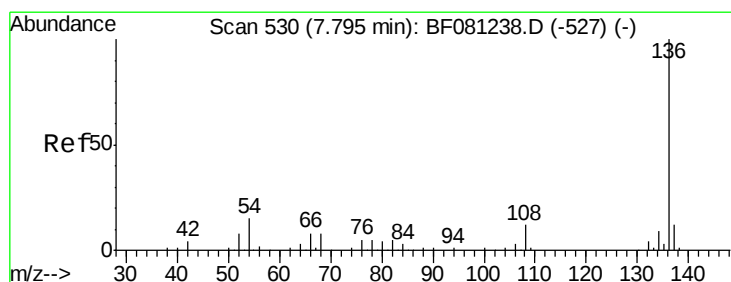
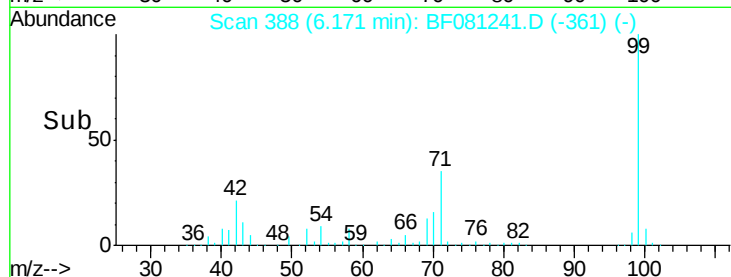
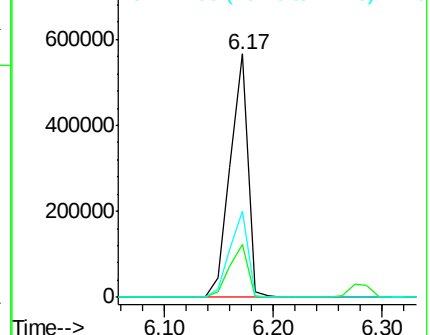
99 100

42 21.5 18.3 27.5

71 35.3 28.5 42.7



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



#4

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 531

Delta R.T. 0.01 min

Lab File: BF081241.D

Acq: 27 Aug 2015 5:59

Tgt Ion: 136 Resp: 176965

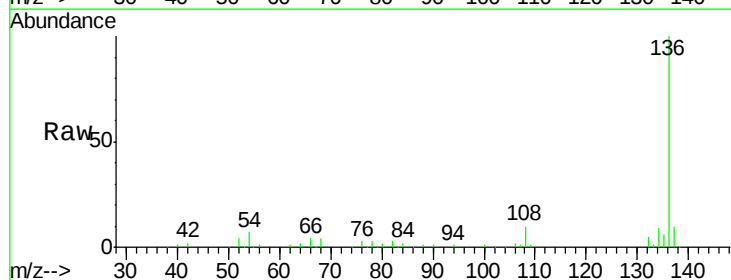
Ion Ratio Lower Upper

136 100

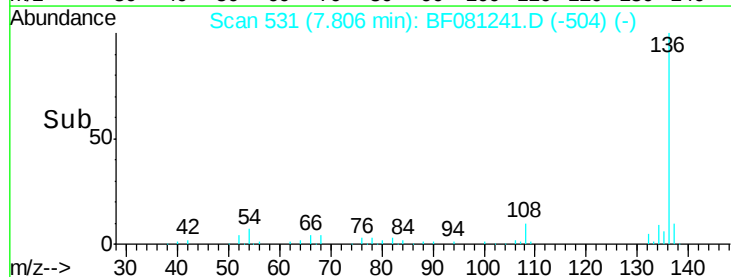
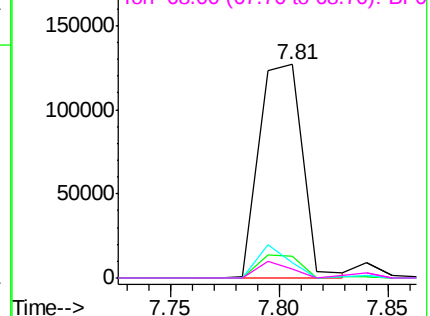
137 10.3 9.2 13.8

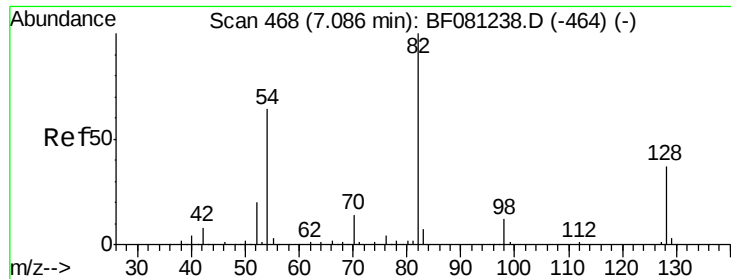
54 7.2 12.4 18.6#

68 4.1 6.6 9.8#



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





#5

Nitrobenzene-d5

Concen: 182.15 ng

RT: 7.10 min Scan# 469

Delta R.T. 0.01 min

Lab File: BF081241.D

Acq: 27 Aug 2015 5:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

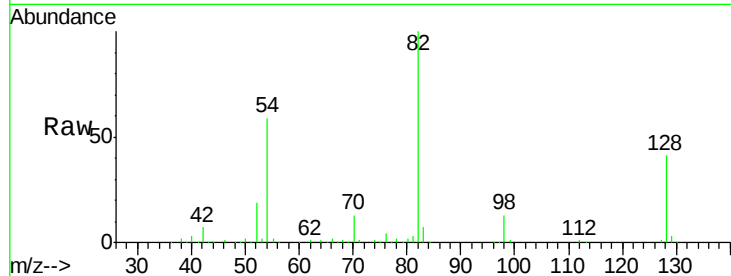
Tgt Ion: 82 Resp: 644914

Ion Ratio Lower Upper

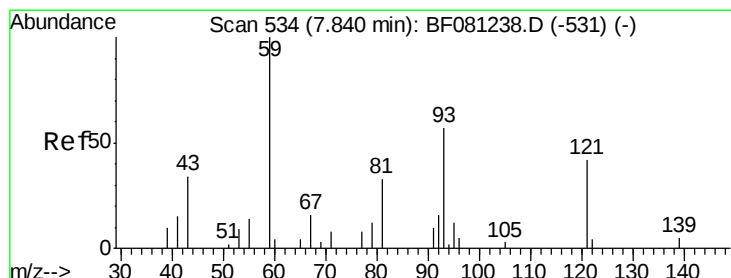
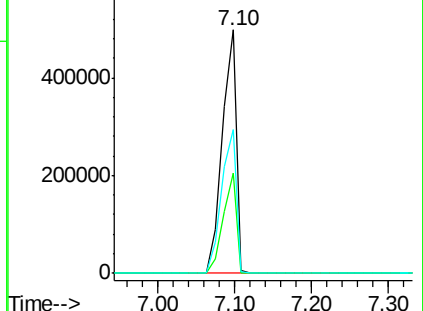
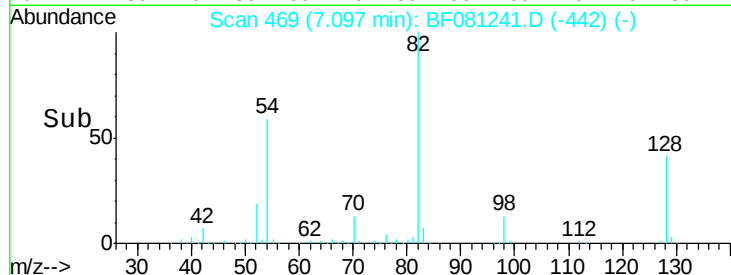
82 100

128 41.4 29.3 43.9

54 58.9 51.1 76.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0



#6

alpha terpinol

Concen: 85.56 ng

RT: 7.84 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF081241.D

Acq: 27 Aug 2015 5:59

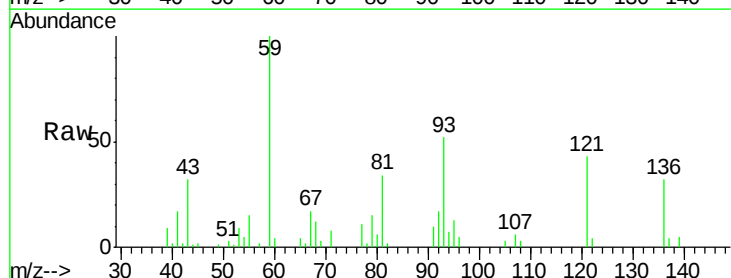
Tgt Ion: 59 Resp: 29979

Ion Ratio Lower Upper

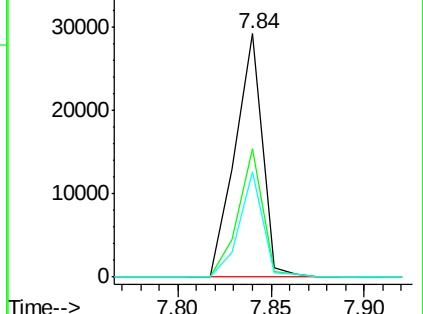
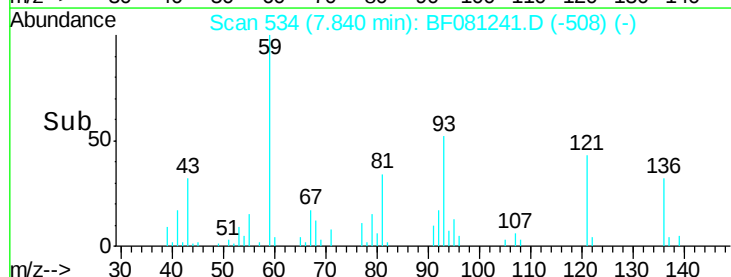
59 100

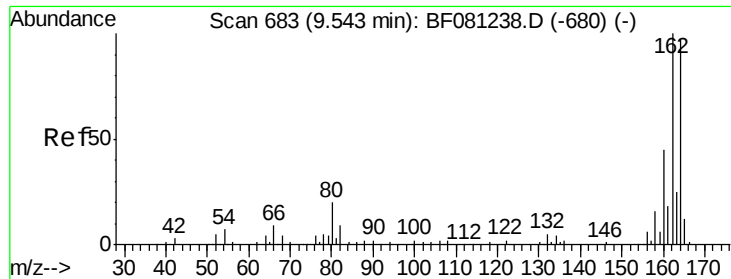
93 52.5 45.8 68.8

121 43.3 33.6 50.4



Abundance Ion 59.00 (58.70 to 59.70): BF0
Ion 93.00 (92.70 to 93.70): BF0
Ion 121.00 (120.70 to 121.70): BF0





#7

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF081241.D

Acq: 27 Aug 2015 5:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

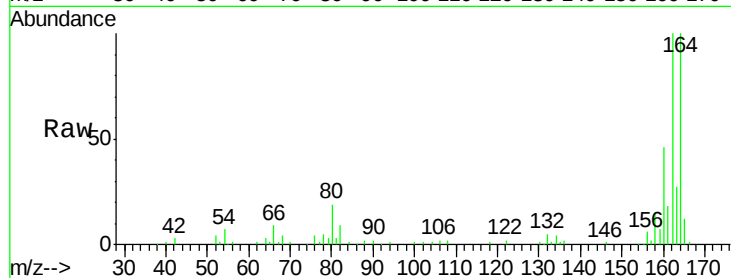
Tgt Ion:164 Resp: 88216

Ion Ratio Lower Upper

164 100

162 99.5 82.6 123.8

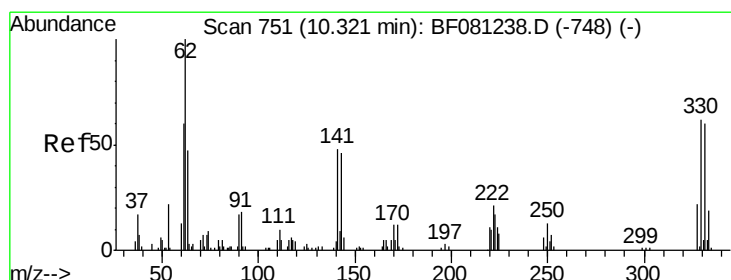
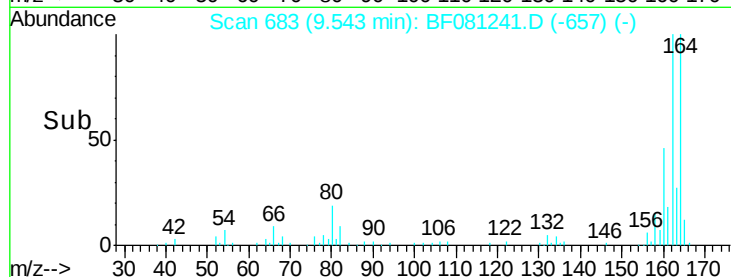
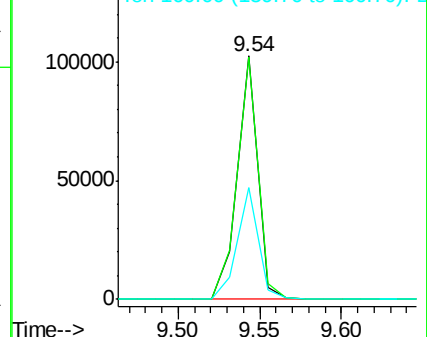
160 45.8 36.8 55.2



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



#8

2,4,6-Tribromophenol

Concen: 187.33 ng

RT: 10.33 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF081241.D

Acq: 27 Aug 2015 5:59

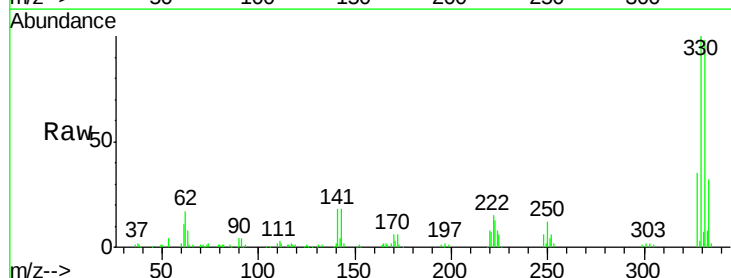
Tgt Ion:330 Resp: 117560

Ion Ratio Lower Upper

330 100

332 97.3 75.5 113.3

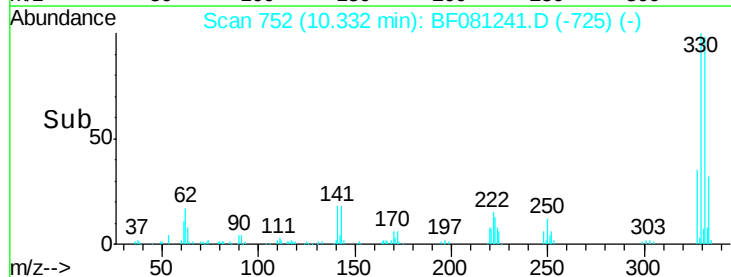
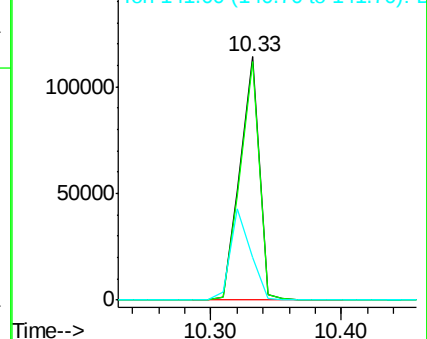
141 39.7 40.3 60.5#

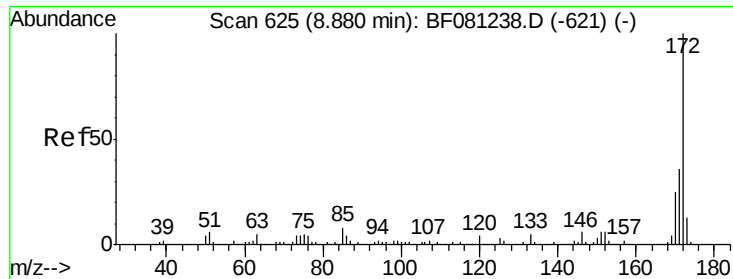


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

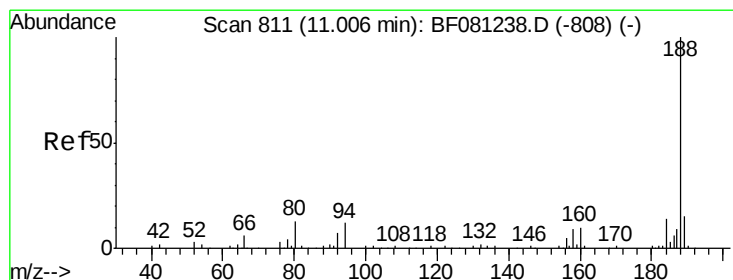
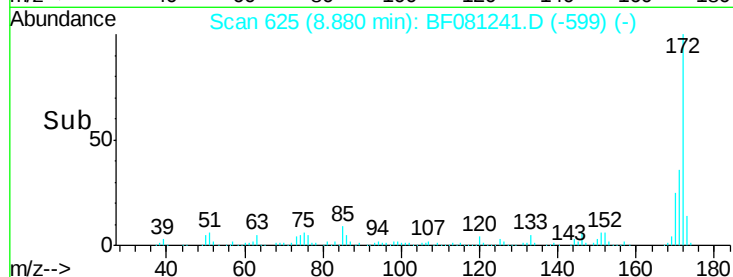
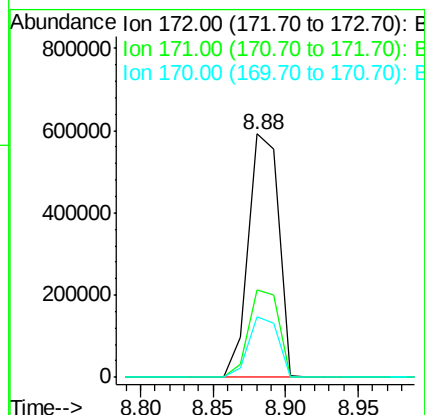
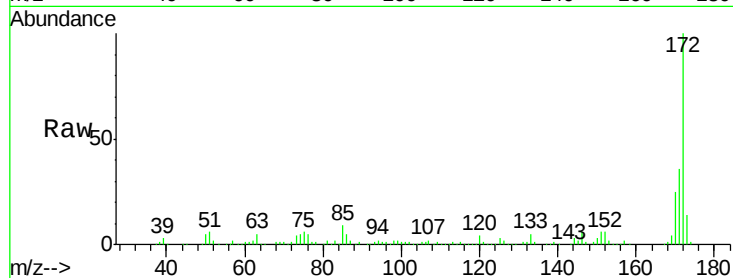




#9
 2-Fluorobiphenyl
 Concen: 147.80 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF081241.D
 Acq: 27 Aug 2015 5:59

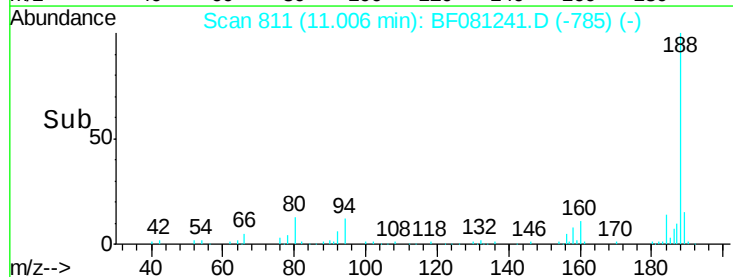
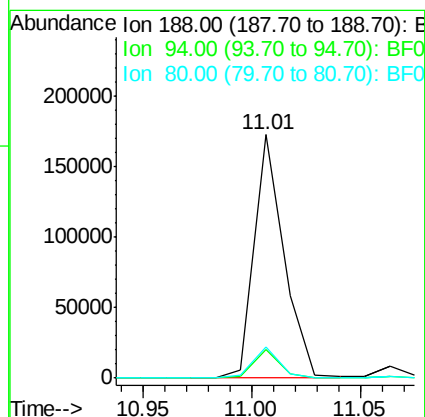
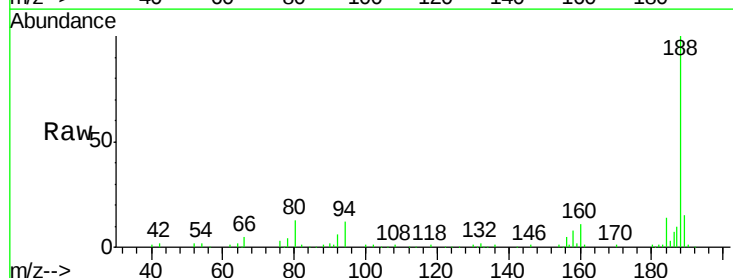
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

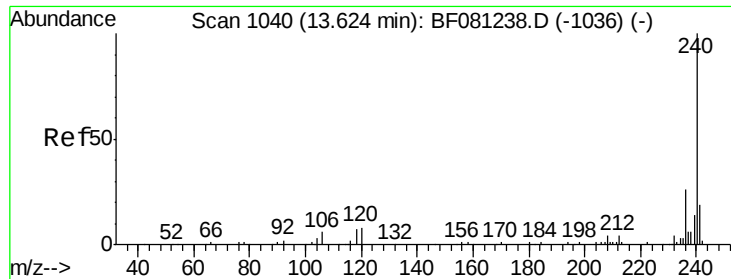
Tgt Ion:172 Resp: 862008
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 24.8 19.7 29.5



#10
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF081241.D
 Acq: 27 Aug 2015 5:59

Tgt Ion:188 Resp: 164388
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.4 14.2
 80 12.9 10.5 15.7

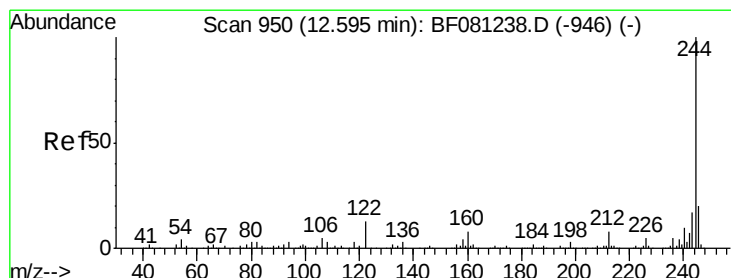
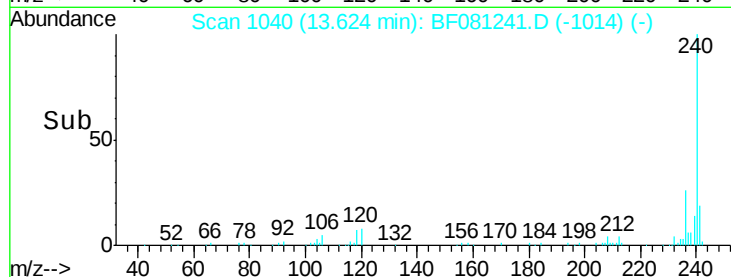
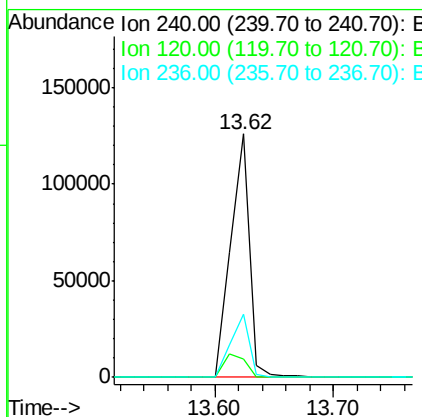
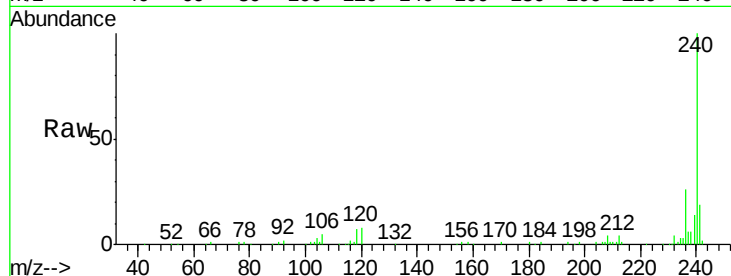




#11
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.62 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF081241.D
 Acq: 27 Aug 2015 5:59

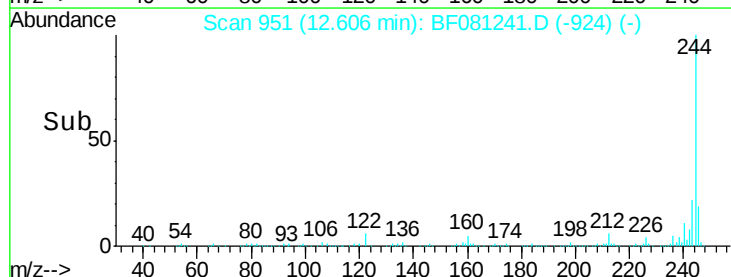
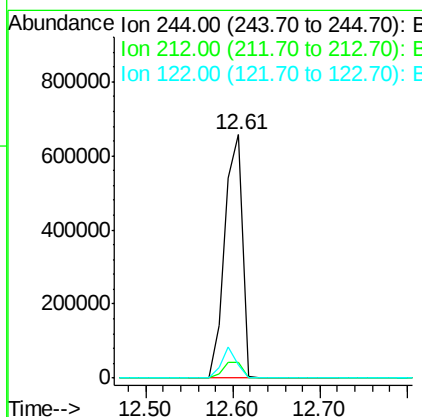
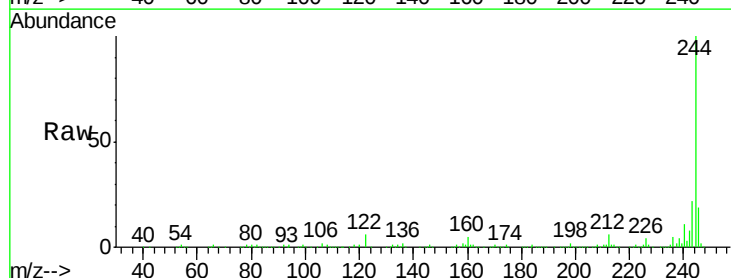
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

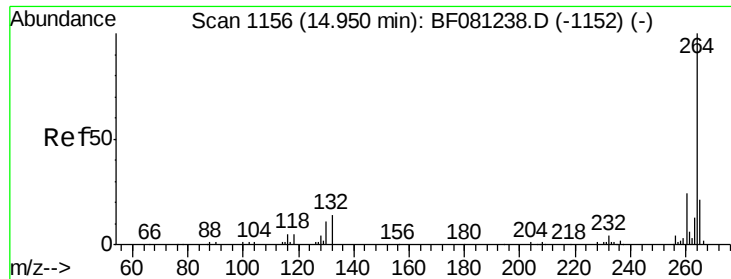
Tgt Ion:240 Resp: 137622
 Ion Ratio Lower Upper
 240 100
 120 7.6 6.2 9.4
 236 25.9 20.6 31.0



#12
 Terphenyl-d14
 Concen: 160.08 ng
 RT: 12.61 min Scan# 951
 Delta R.T. 0.01 min
 Lab File: BF081241.D
 Acq: 27 Aug 2015 5:59

Tgt Ion:244 Resp: 929977
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.2 9.2
 122 5.6 10.7 16.1#





#13

Perylene-d12

Concen: 20.00 ng

RT: 14.95 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF081241.D

Acq: 27 Aug 2015 5:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

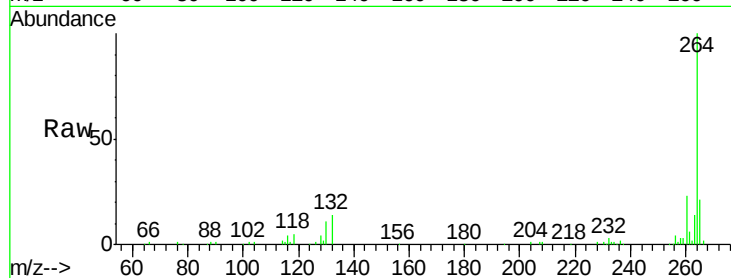
Tgt Ion: 264 Resp: 100497

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.1 17.1 25.7



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

