

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082715\
 Data File : BF081238.D
 Acq On : 27 Aug 2015 4:27
 Operator : UM/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 27 05:45:07 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 05:43:57 2015
 Response via : Initial Calibration

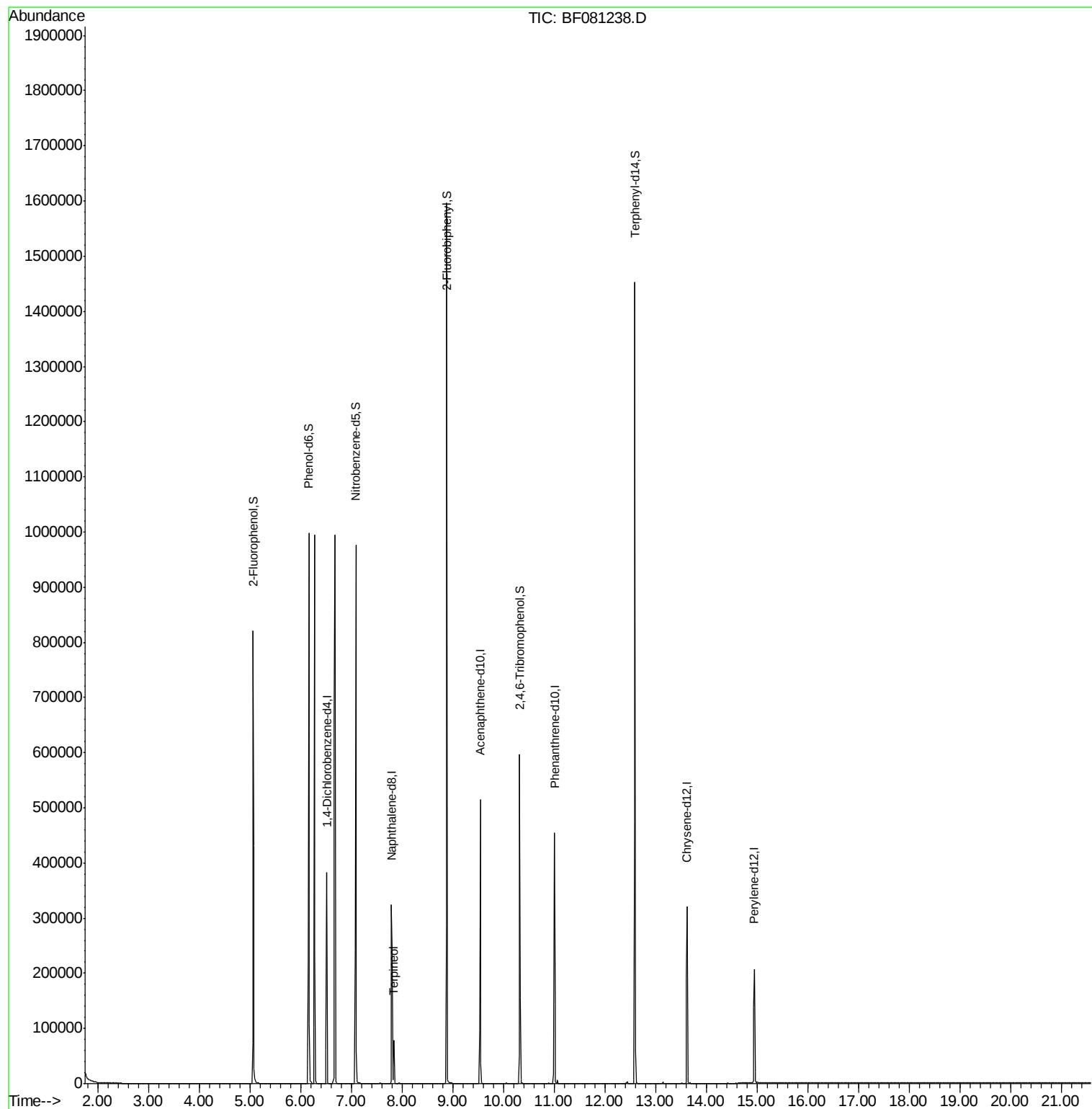
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	51878	20.00	ng	0.00
4) Naphthalene-d8	7.79	136	195186	20.00	ng	0.00
7) Acenaphthene-d10	9.54	164	94645	20.00	ng	0.00
10) Phenanthrene-d10	11.01	188	172369	20.00	ng	0.00
11) Chrysene-d12	13.62	240	139120	20.00	ng	0.00
13) Perylene-d12	14.95	264	99286	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.06	112	246444	77.28	ng	0.00
3) Phenol-d6	6.16	99	312570	77.54	ng	0.00
5) Nitrobenzene-d5	7.09	82	297495	83.20	ng	0.00
8) 2,4,6-Tribromophenol	10.32	330	53929	65.88	ng	0.00
9) 2-Fluorobiphenyl	8.88	172	452288	70.92	ng	0.00
12) Terphenyl-d14	12.60	244	445772	77.87	ng	0.00
Target Compounds						
6) Terpineol	7.84	59	15452	3.52	ng	Qvalue 100

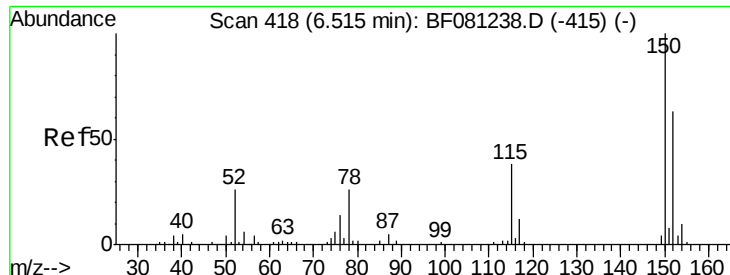
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF081238.D

Acq: 27 Aug 2015 4:27

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

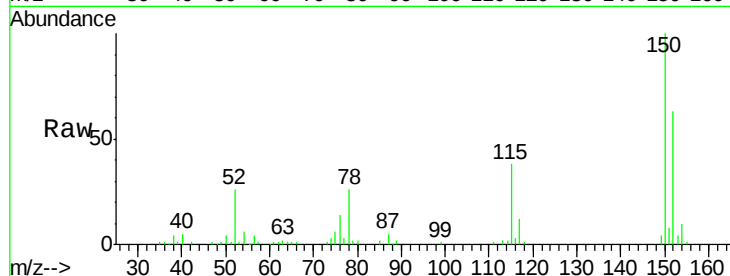
Tgt Ion:152 Resp: 51878

Ion Ratio Lower Upper

152 100

150 159.8 127.8 191.8

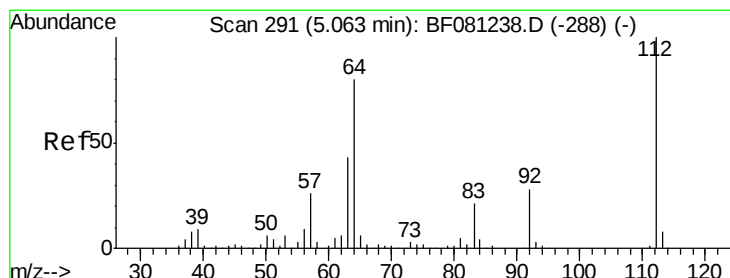
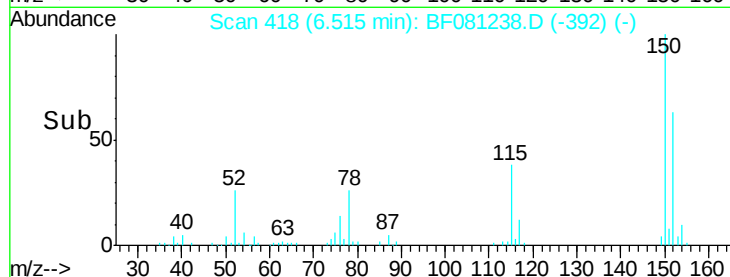
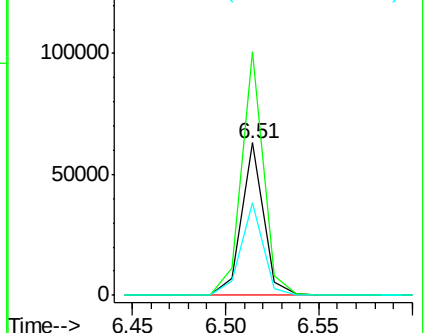
115 60.7 48.6 72.8



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: 77.28 ng

RT: 5.06 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF081238.D

Acq: 27 Aug 2015 4:27

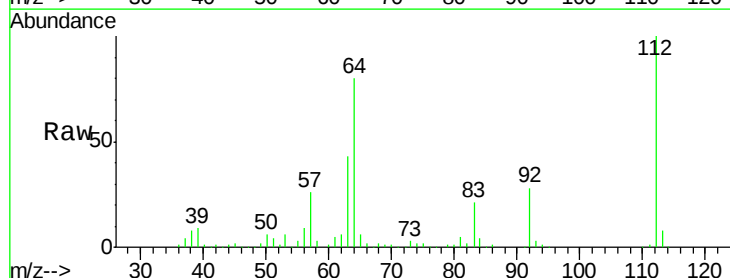
Tgt Ion:112 Resp: 246444

Ion Ratio Lower Upper

112 100

64 80.3 64.2 96.4

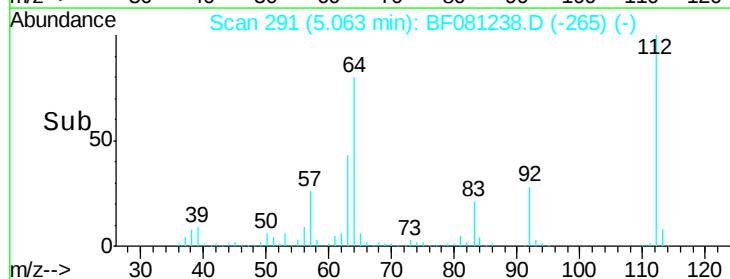
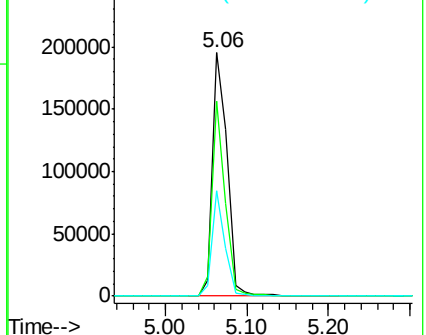
63 43.3 34.6 52.0

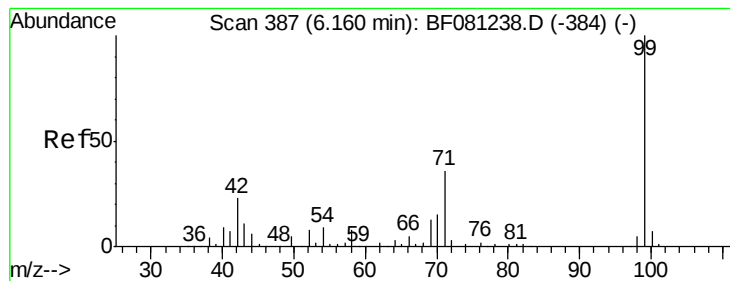


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#3

Phenol-d6

Concen: 77.54 ng

RT: 6.16 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081238.D

Acq: 27 Aug 2015 4:27

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

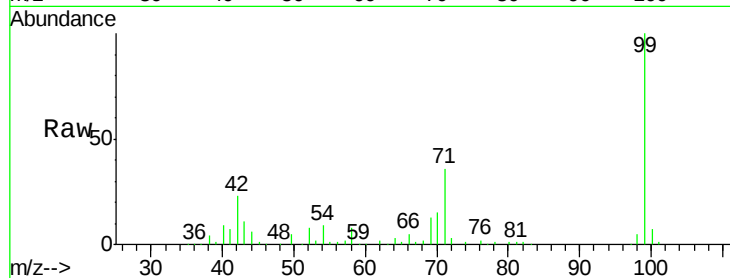
Tgt Ion: 99 Resp: 312570

Ion Ratio Lower Upper

99 100

42 22.9 18.3 27.5

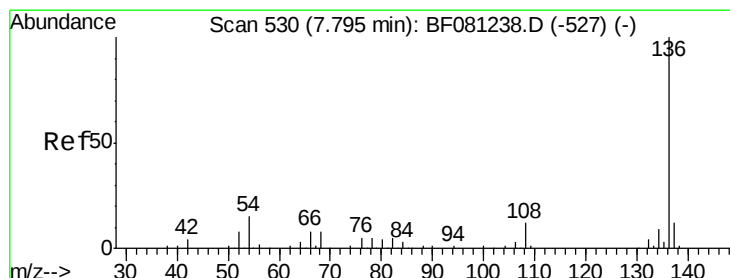
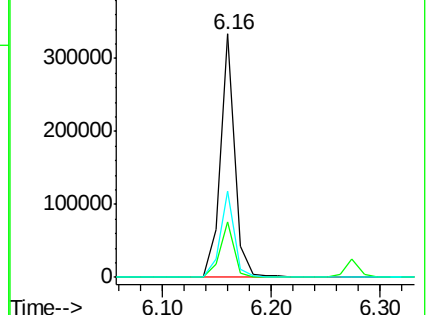
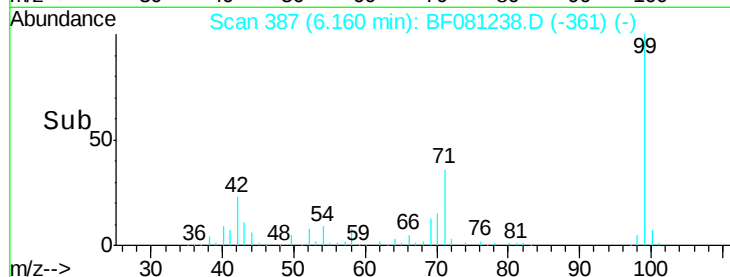
71 35.6 28.5 42.7



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: 7.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF081238.D

Acq: 27 Aug 2015 4:27

Tgt Ion: 136 Resp: 195186

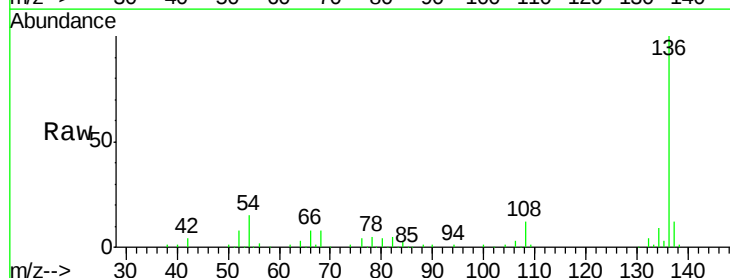
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 15.5 12.4 18.6

68 8.2 6.6 9.8

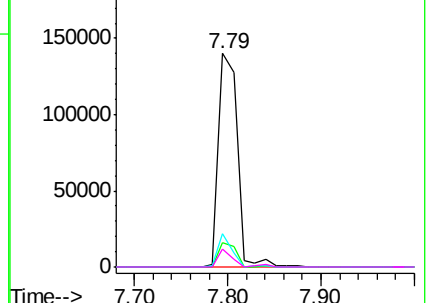
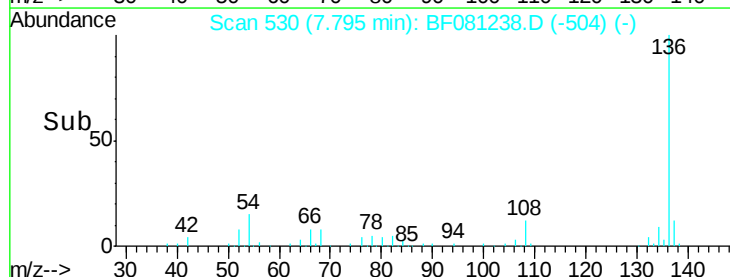


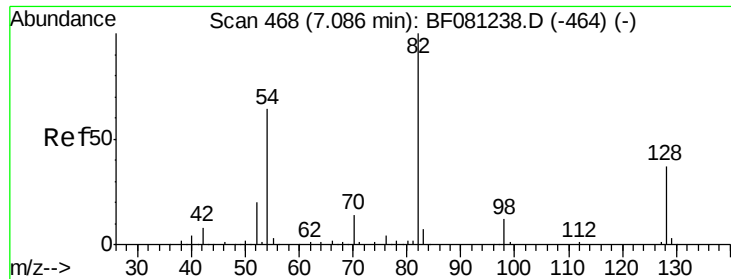
Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.20 ng

RT: 7.09 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF081238.D

Acq: 27 Aug 2015 4:27

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

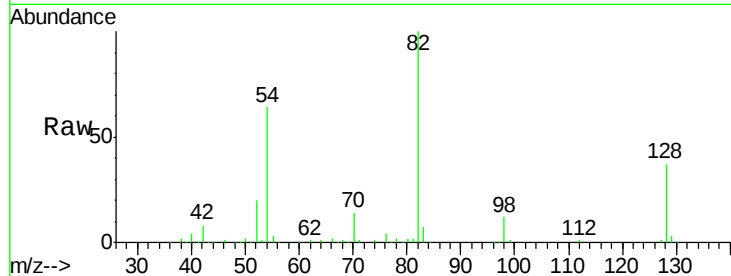
Tgt Ion: 82 Resp: 297495

Ion Ratio Lower Upper

82 100

128 36.6 29.3 43.9

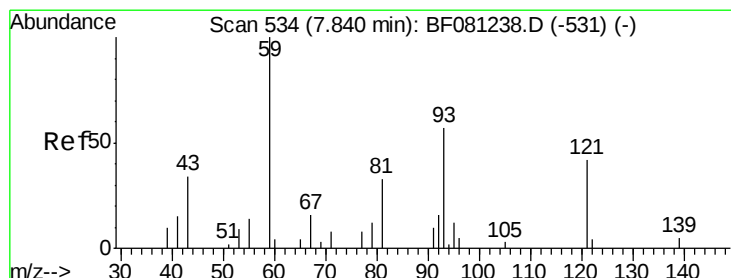
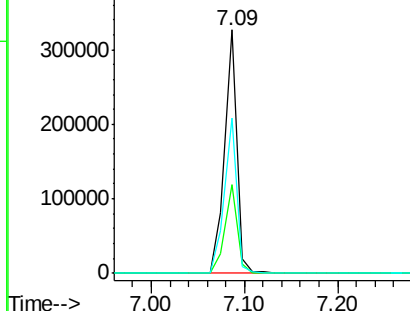
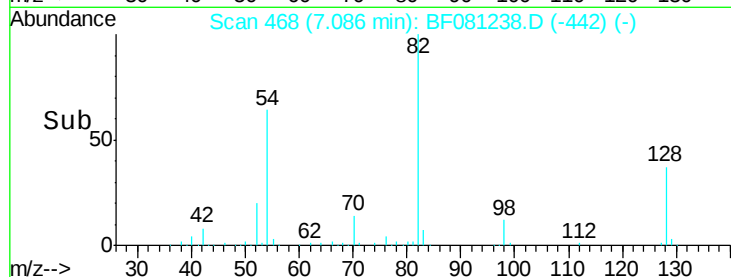
54 63.9 51.1 76.7



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

Terpineol

Concen: 3.52 ng

RT: 7.84 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF081238.D

Acq: 27 Aug 2015 4:27

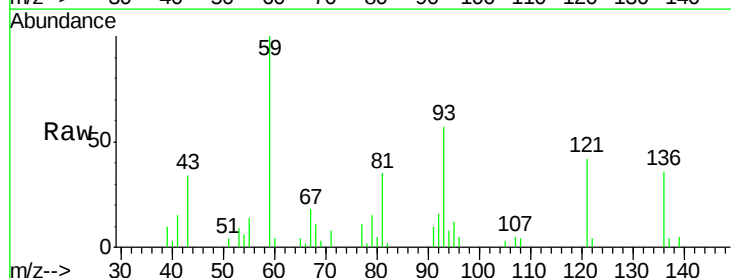
Tgt Ion: 59 Resp: 15452

Ion Ratio Lower Upper

59 100

93 57.3 45.8 68.8

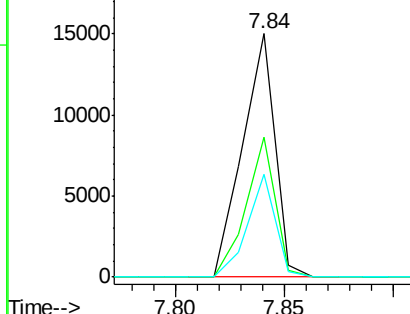
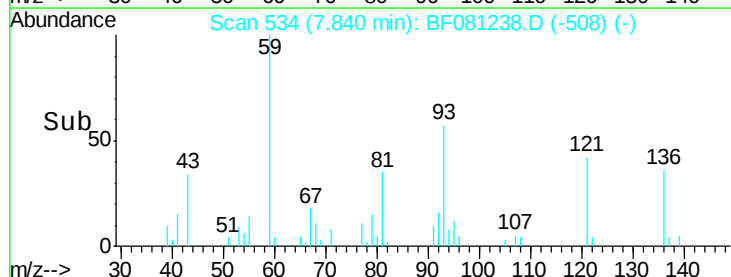
121 42.0 33.6 50.4

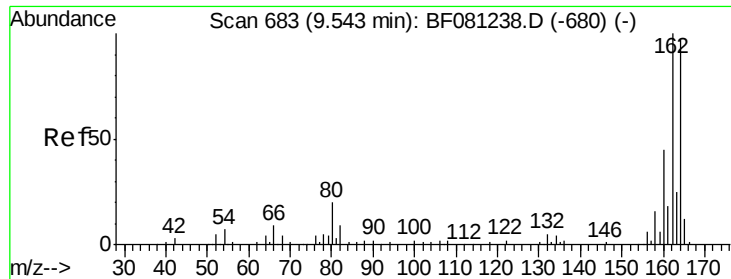


Abundance Ion 59.00 (58.70 to 59.70): BF0

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: BF081238.D

Acq: 27 Aug 2015 4:27

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

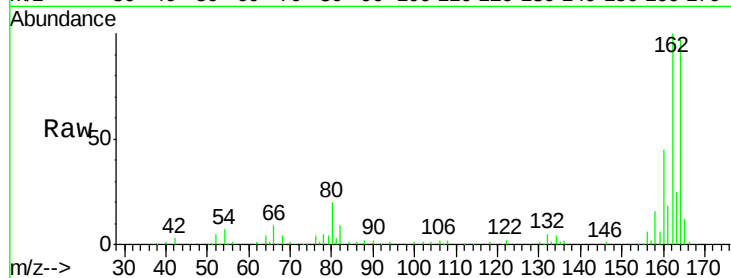
Tgt Ion:164 Resp: 94645

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

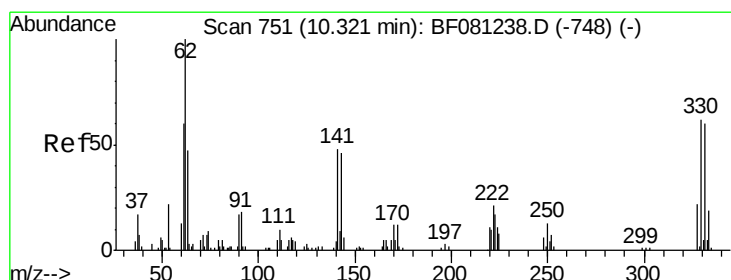
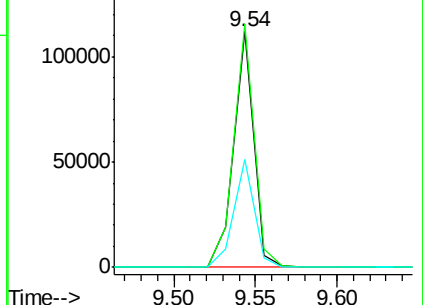
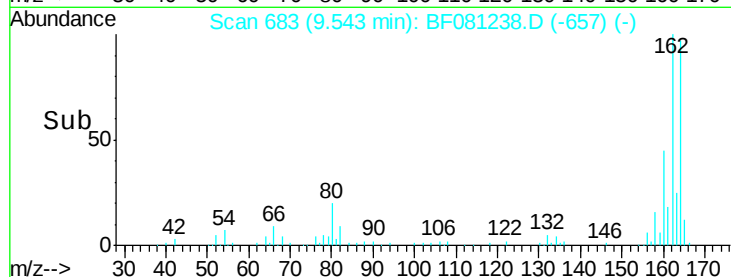
160 46.0 36.8 55.2



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: 65.88 ng

RT: 10.32 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF081238.D

Acq: 27 Aug 2015 4:27

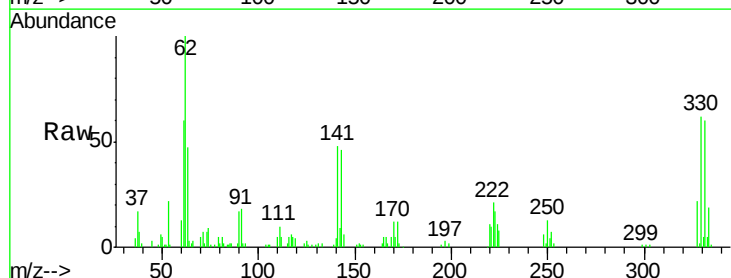
Tgt Ion:330 Resp: 53929

Ion Ratio Lower Upper

330 100

332 94.4 75.5 113.3

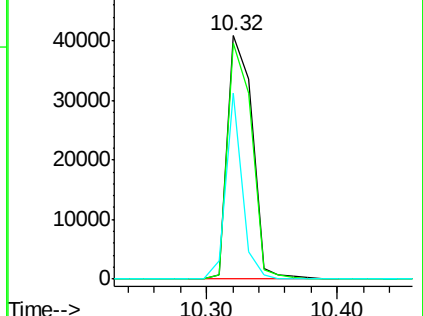
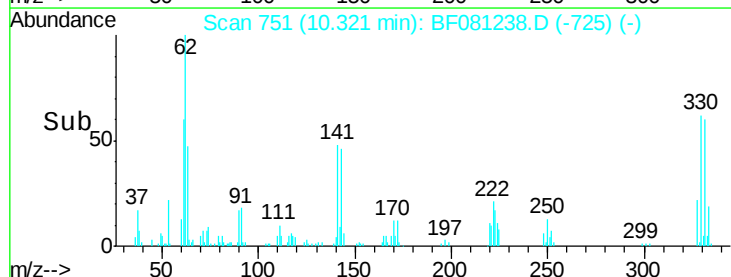
141 50.4 40.3 60.5

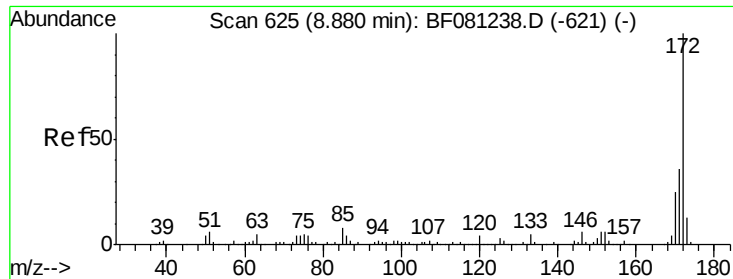


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

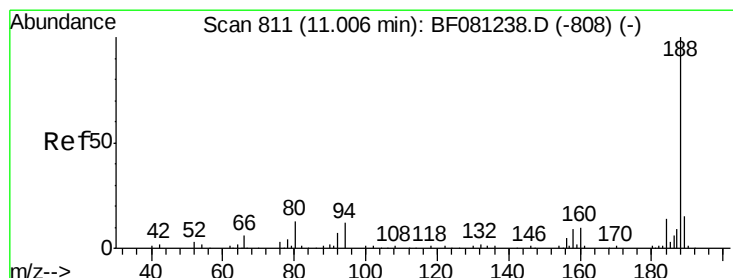
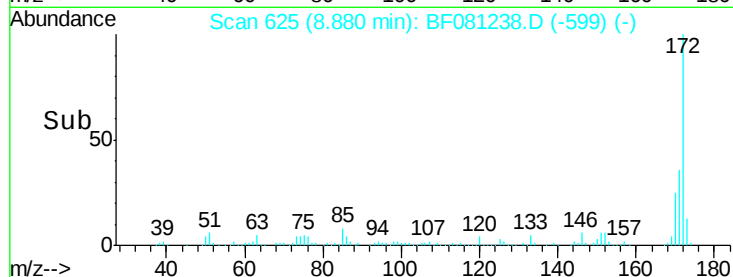
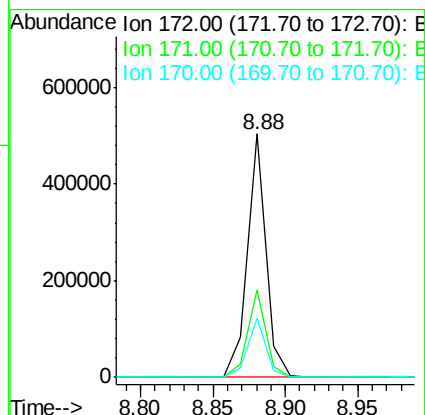
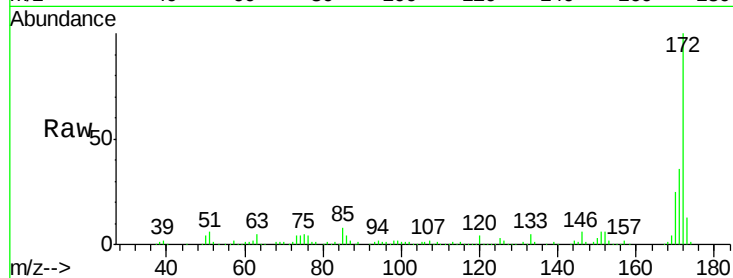




#9
 2-Fluorobiphenyl
 Concen: 70.92 ng
 RT: 8.88 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081238.D
 Acq: 27 Aug 2015 4:27

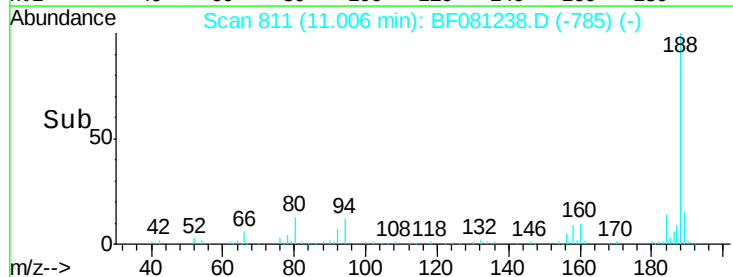
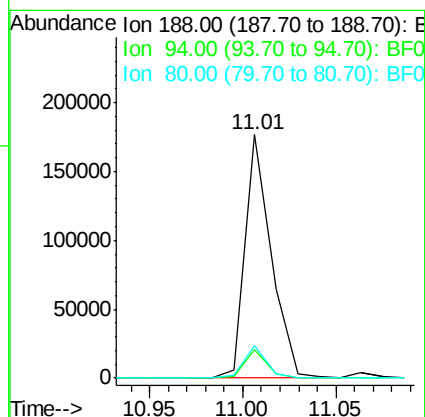
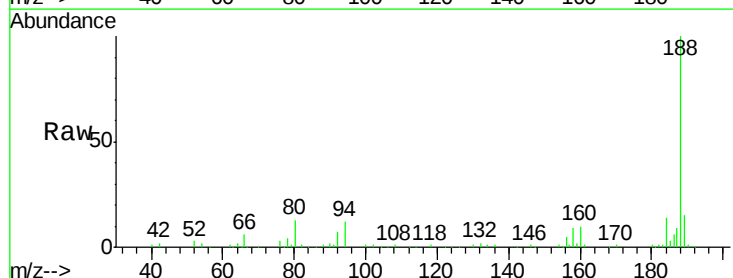
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

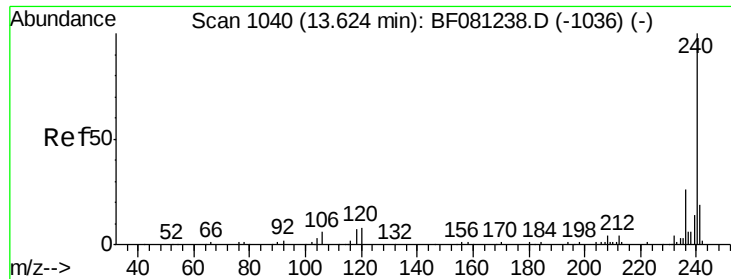
Tgt Ion:172 Resp: 452288
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 24.6 19.7 29.5



#10
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF081238.D
 Acq: 27 Aug 2015 4:27

Tgt Ion:188 Resp: 172369
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.4 14.2
 80 13.1 10.5 15.7

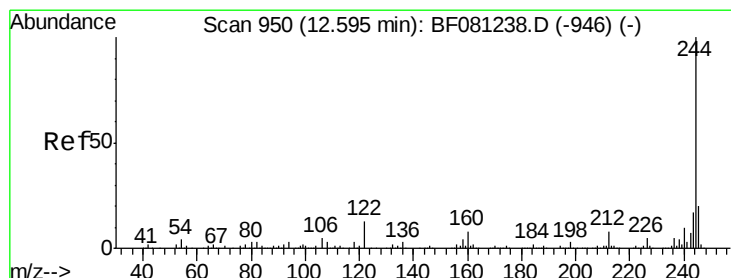
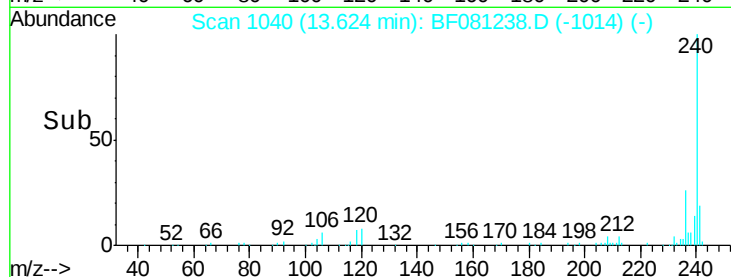
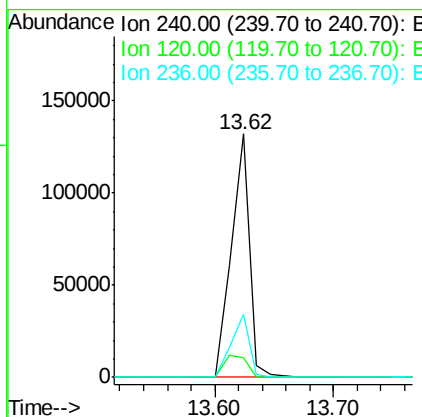
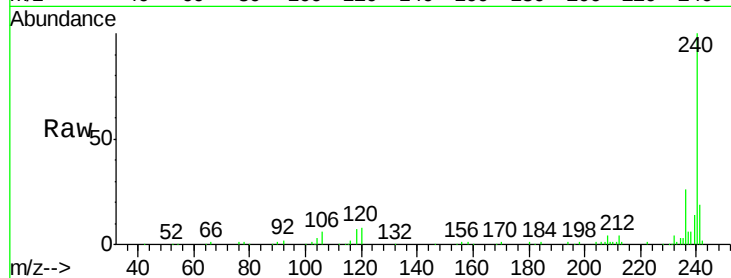




#11
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.62 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081238.D
 Acq: 27 Aug 2015 4:27

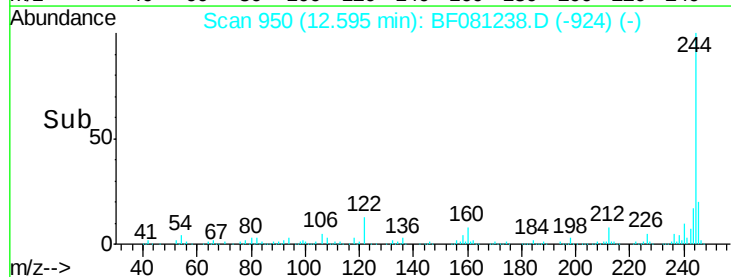
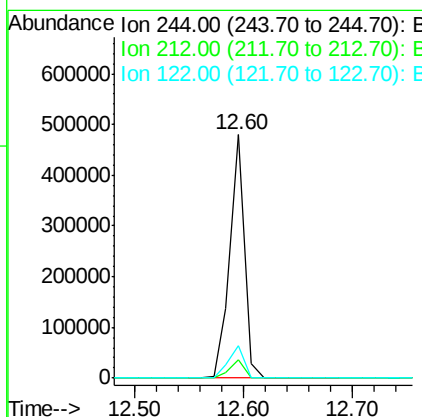
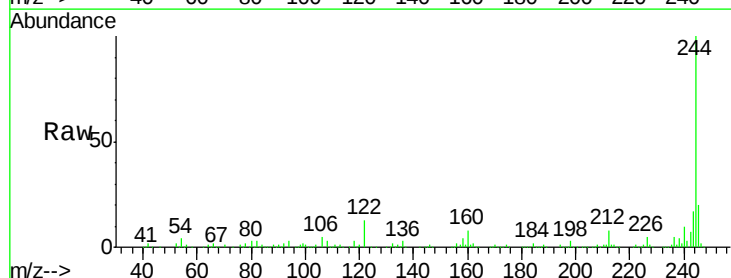
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

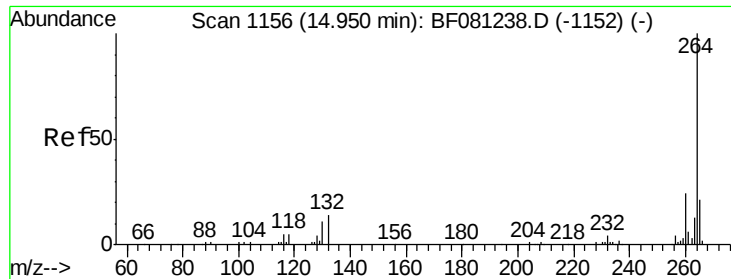
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.2	9.4
236	25.8	20.6	31.0



#12
 Terphenyl-d14
 Concen: 77.87 ng
 RT: 12.60 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF081238.D
 Acq: 27 Aug 2015 4:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.4	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: BF081238.D

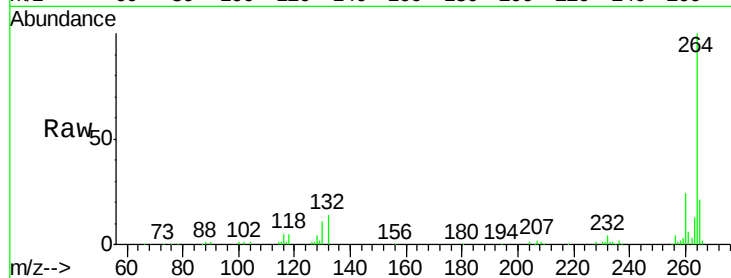
Acq: 27 Aug 2015 4:27

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



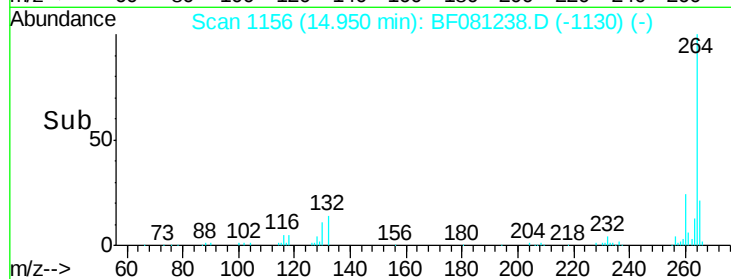
Tgt Ion: 264 Resp: 99286

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.4 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

