

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082715\
 Data File : BF081242.D
 Acq On : 27 Aug 2015 6:29
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF082715

Quant Time: Aug 27 07:08:10 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 06:31:06 2015
 Response via : Initial Calibration

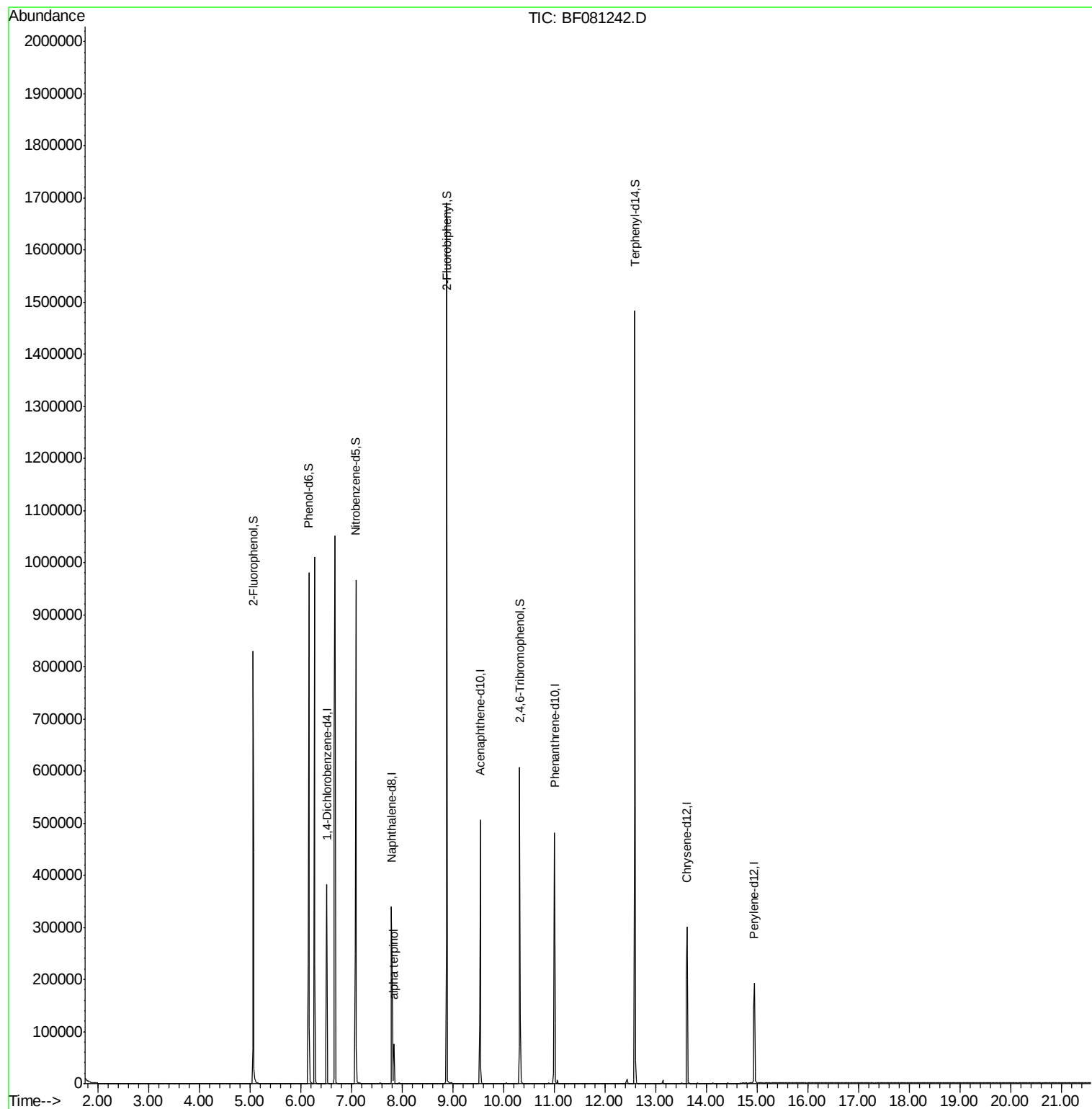
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	51995	20.00	ng	0.00
4) Naphthalene-d8	7.79	136	192682	20.00	ng	0.00
7) Acenaphthene-d10	9.54	164	95424	20.00	ng	0.00
10) Phenanthrene-d10	11.01	188	171659	20.00	ng	0.00
11) Chrysene-d12	13.62	240	134926	20.00	ng	0.00
13) Perylene-d12	14.95	264	96256	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.06	112	249732	76.08	ng	0.00
3) Phenol-d6	6.16	99	309726	70.65	ng	0.00
5) Nitrobenzene-d5	7.09	82	299998	76.31	ng	0.00
8) 2,4,6-Tribromophenol	10.32	330	53241	76.56	ng	0.00
9) 2-Fluorobiphenyl	8.88	172	470244	75.36	ng	0.00
12) Terphenyl-d14	12.60	244	467376	82.05	ng	0.00
Target Compounds						
6) alpha terpinol	7.84	59	15580	40.44	ng	Qvalue 93

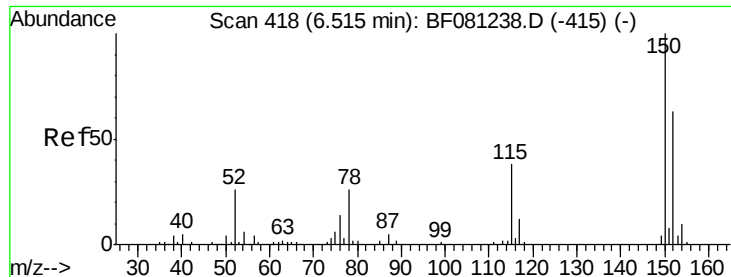
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 27 06:31:06 2015
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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: BF081242.D

Acq: 27 Aug 2015 6:29

Instrument :

BNA_F

ClientSampleId :

ICVBF082715

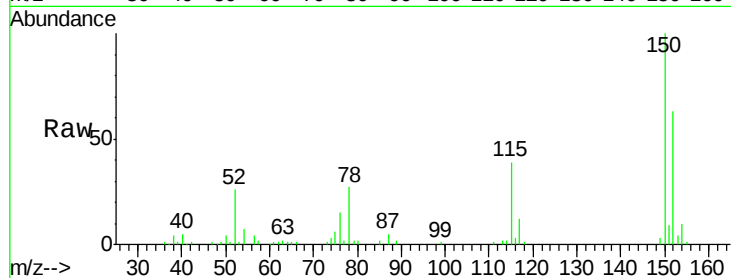
Tgt Ion:152 Resp: 51995

Ion Ratio Lower Upper

152 100

150 159.4 127.8 191.8

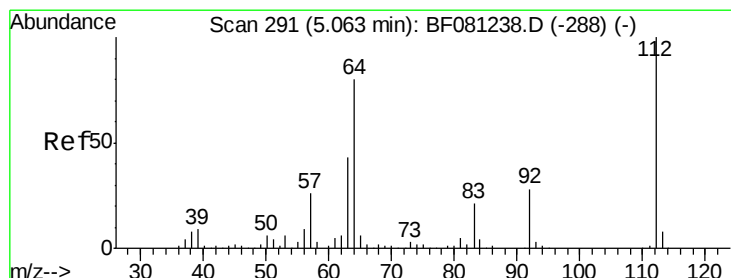
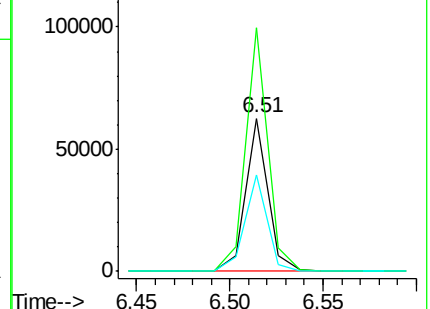
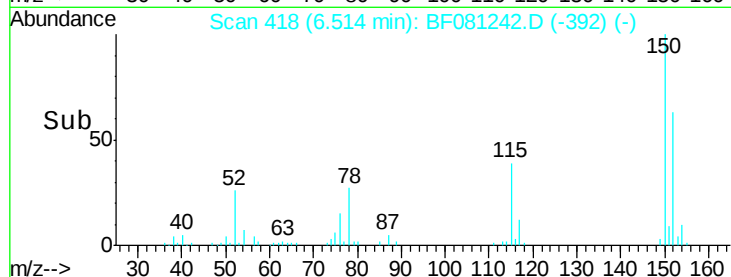
115 62.7 48.6 72.8



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: 76.08 ng

RT: 5.06 min Scan# 291

Delta R.T. -0.00 min

Lab File: BF081242.D

Acq: 27 Aug 2015 6:29

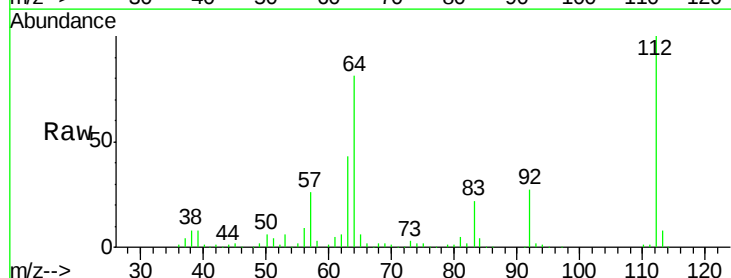
Tgt Ion:112 Resp: 249732

Ion Ratio Lower Upper

112 100

64 81.5 64.2 96.4

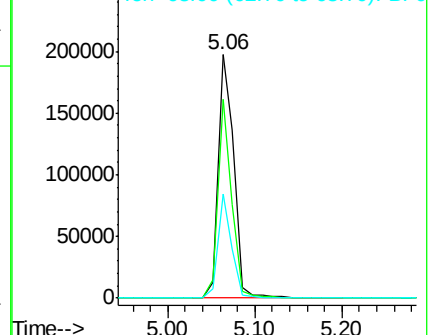
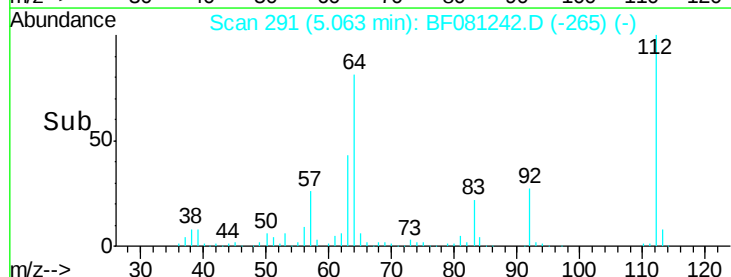
63 42.6 34.6 52.0

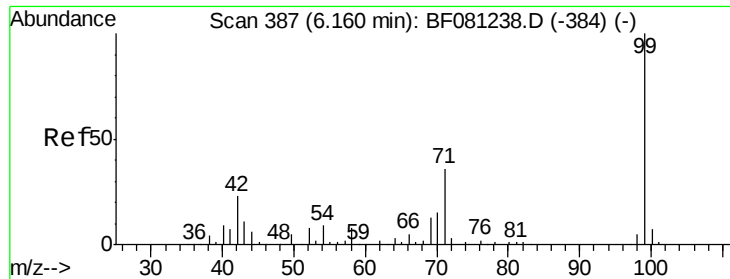


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#3

Phenol-d6

Concen: 70.65 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF081242.D

Acq: 27 Aug 2015 6:29

Instrument :

BNA_F

ClientSampleId :

ICVBF082715

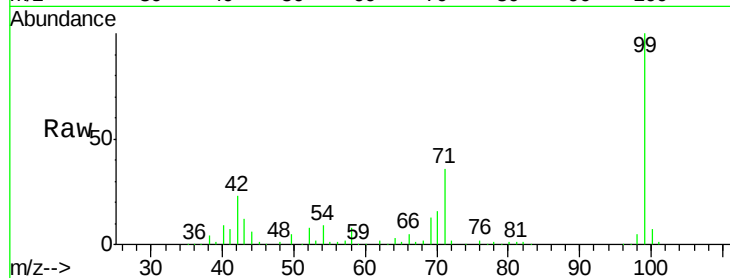
Tgt Ion: 99 Resp: 309726

Ion Ratio Lower Upper

99 100

42 23.2 18.3 27.5

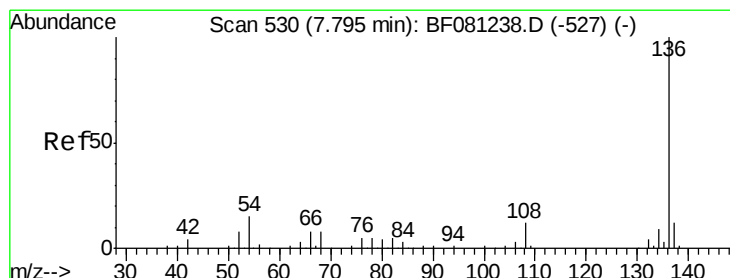
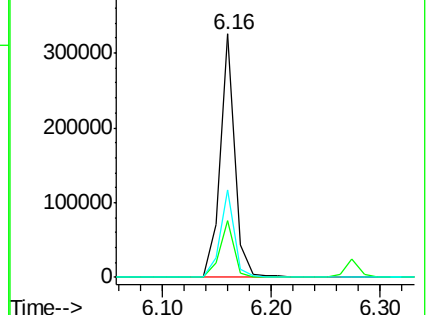
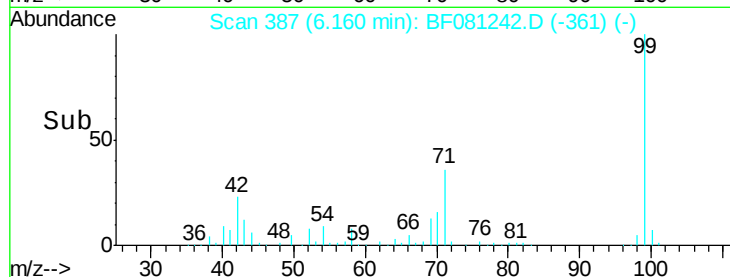
71 35.8 28.5 42.7



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: BF081242.D

Acq: 27 Aug 2015 6:29

Tgt Ion: 136 Resp: 192682

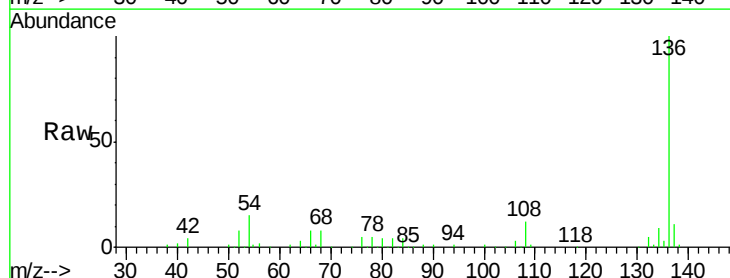
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 15.2 12.4 18.6

68 8.0 6.6 9.8

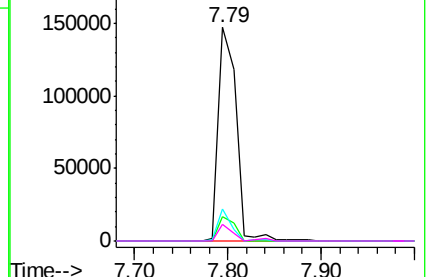
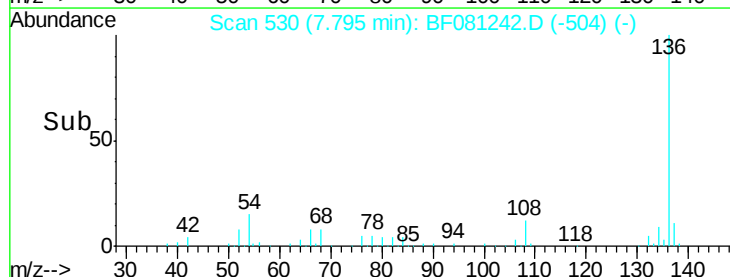


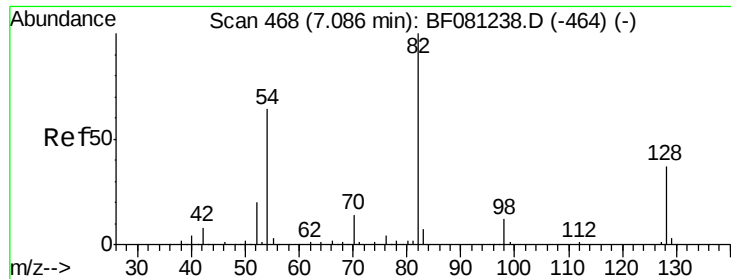
Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.31 ng

RT: 7.09 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF081242.D

Acq: 27 Aug 2015 6:29

Instrument :

BNA_F

ClientSampleId :

ICVBF082715

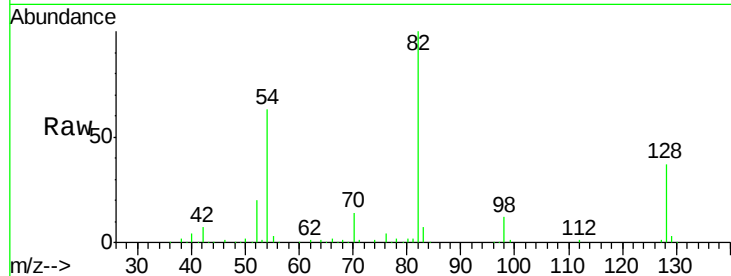
Tgt Ion: 82 Resp: 299998

Ion Ratio Lower Upper

82 100

128 37.2 29.3 43.9

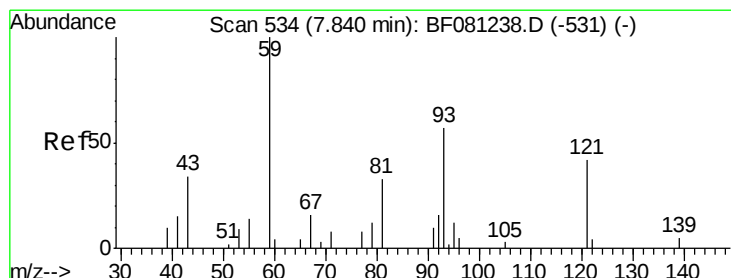
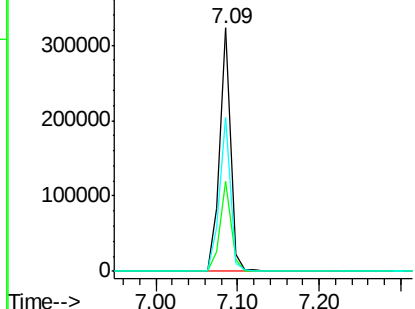
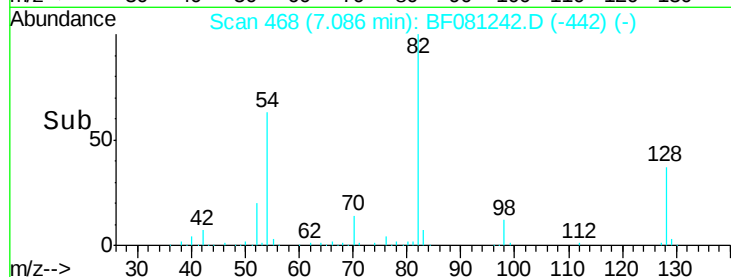
54 63.3 51.1 76.7



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: 40.44 ng

RT: 7.84 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF081242.D

Acq: 27 Aug 2015 6:29

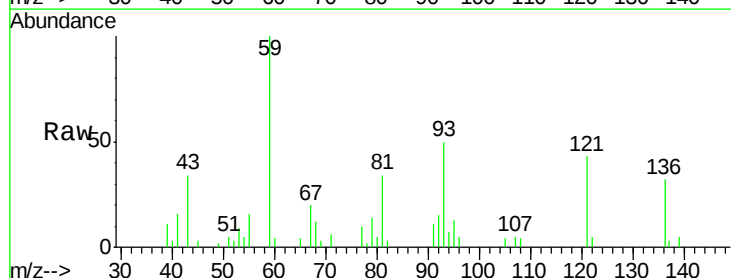
Tgt Ion: 59 Resp: 15580

Ion Ratio Lower Upper

59 100

93 50.0 45.8 68.8

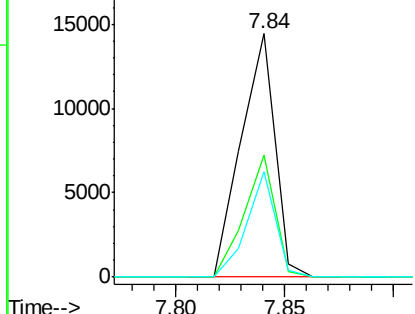
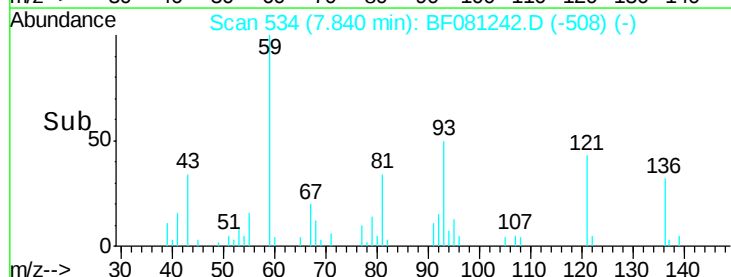
121 43.5 33.6 50.4

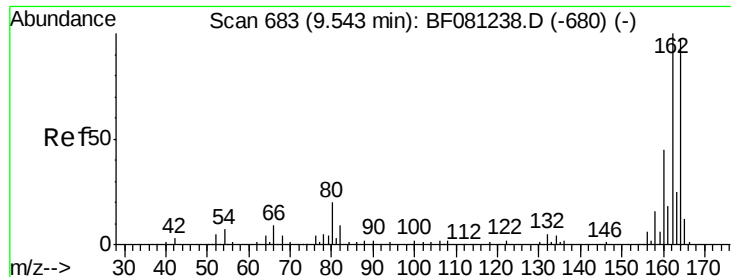


Abundance Ion 59.00 (58.70 to 59.70): BF0

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: BF081242.D

Acq: 27 Aug 2015 6:29

Instrument :

BNA_F

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ICVBF082715

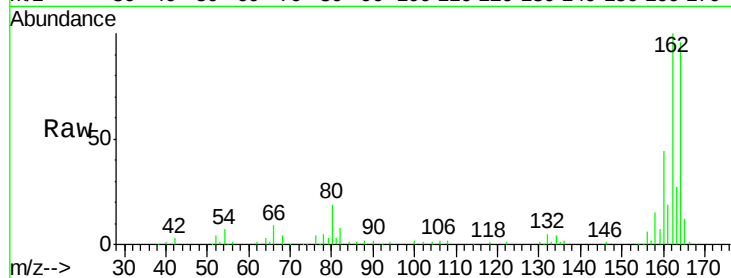
Tgt Ion:164 Resp: 95424

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

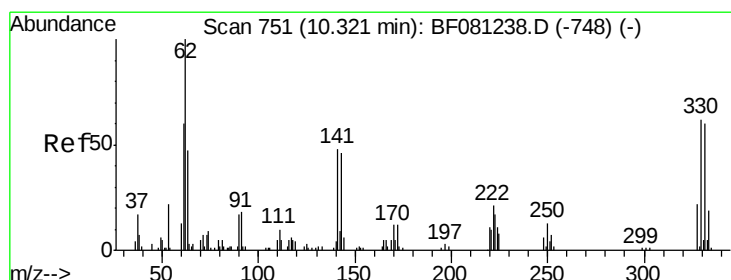
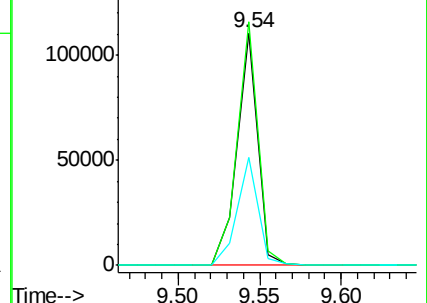
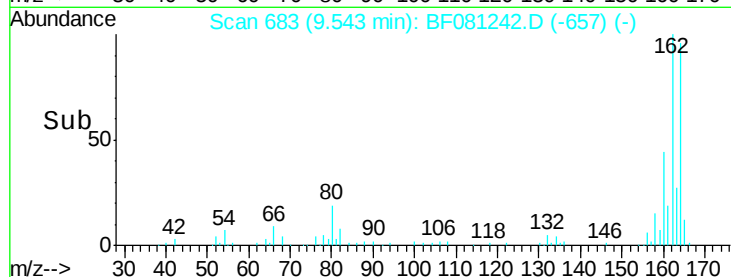
160 46.3 36.8 55.2



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: 76.56 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF081242.D

Acq: 27 Aug 2015 6:29

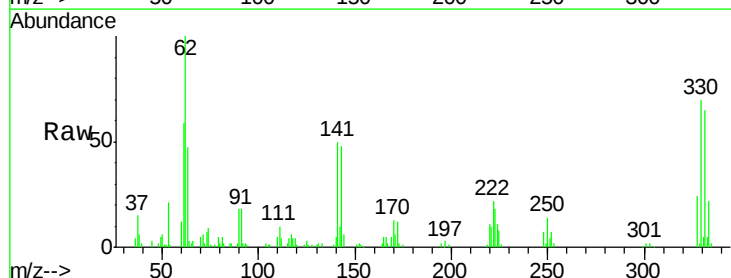
Tgt Ion:330 Resp: 53241

Ion Ratio Lower Upper

330 100

332 92.3 75.5 113.3

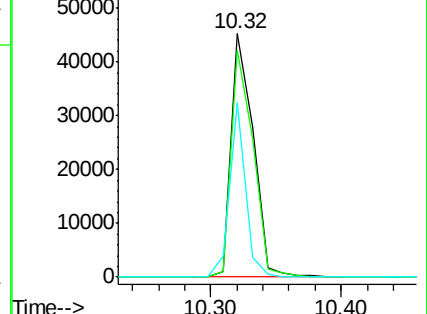
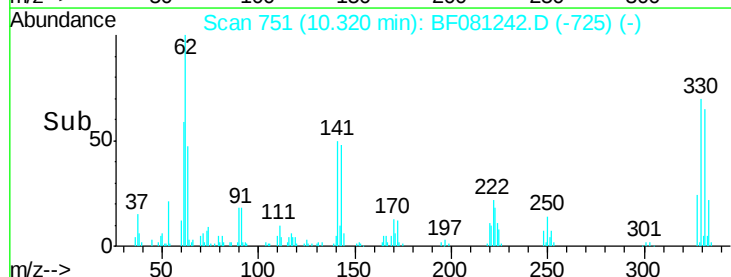
141 52.2 40.3 60.5

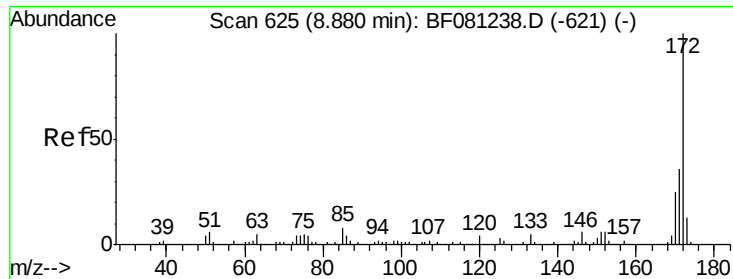


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

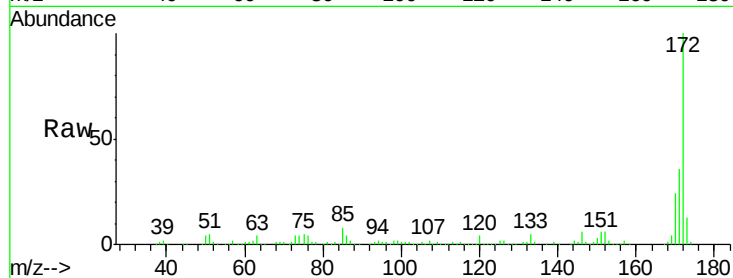




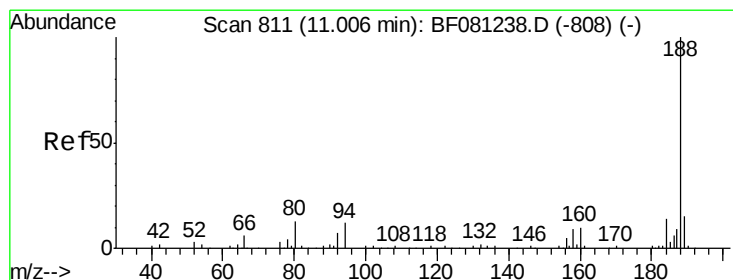
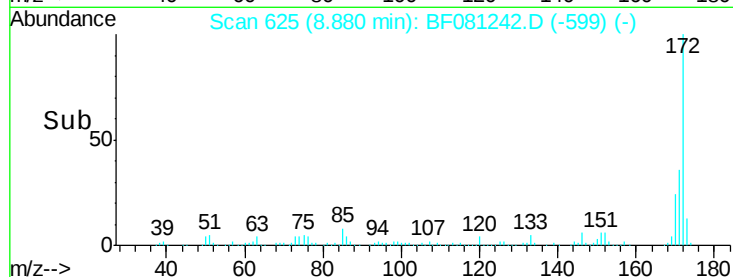
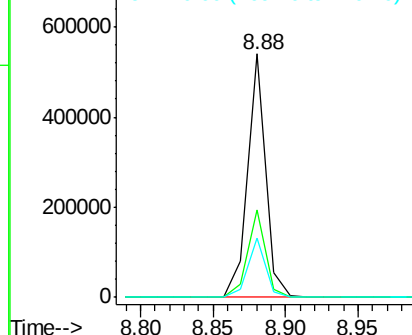
#9
 2-Fluorobiphenyl
 Concen: 75.36 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF081242.D
 Acq: 27 Aug 2015 6:29

Instrument :
 BNA_F
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 ICVBF082715

Tgt Ion:172 Resp: 470244
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 24.1 19.7 29.5

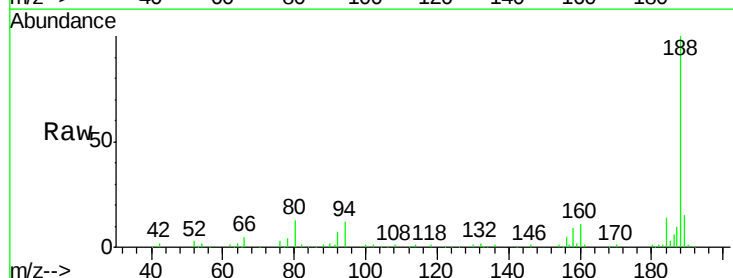


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

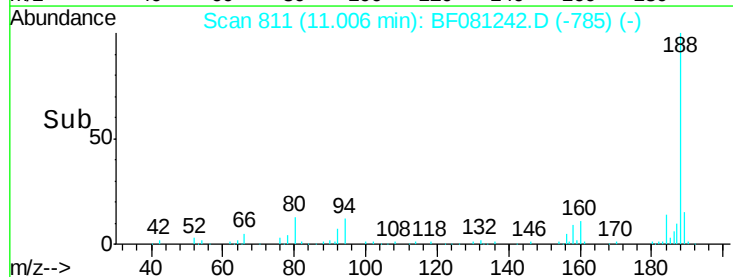
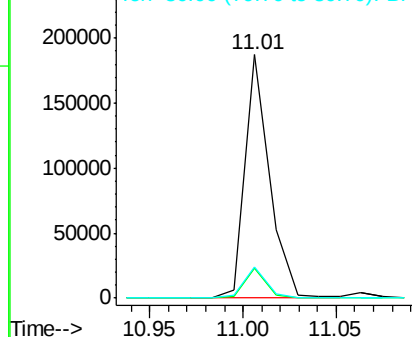


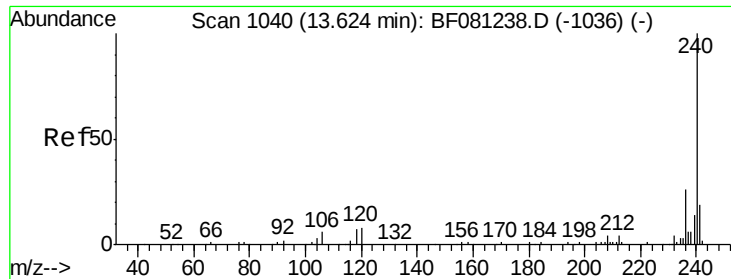
#10
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF081242.D
 Acq: 27 Aug 2015 6:29

Tgt Ion:188 Resp: 171659
 Ion Ratio Lower Upper
 188 100
 94 12.2 9.4 14.2
 80 13.0 10.5 15.7



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

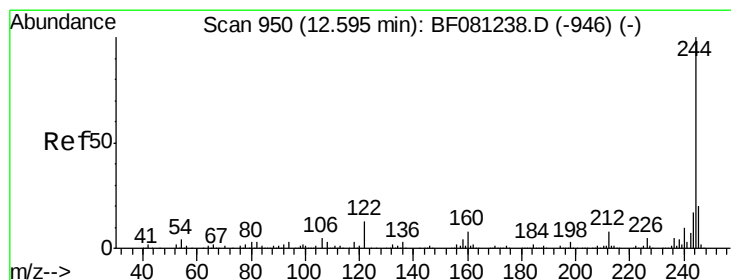
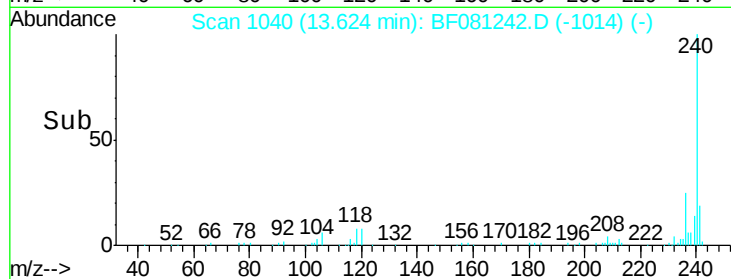
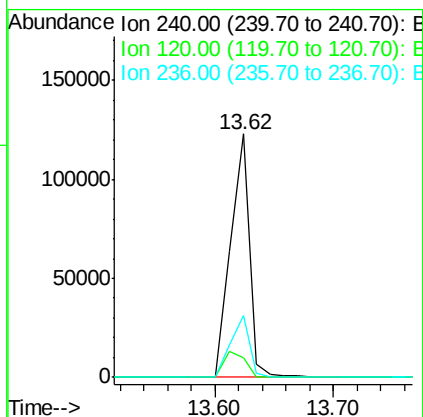
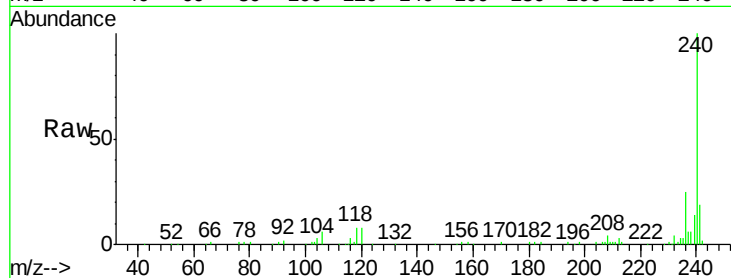




#11
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF081242.D
Acq: 27 Aug 2015 6:29

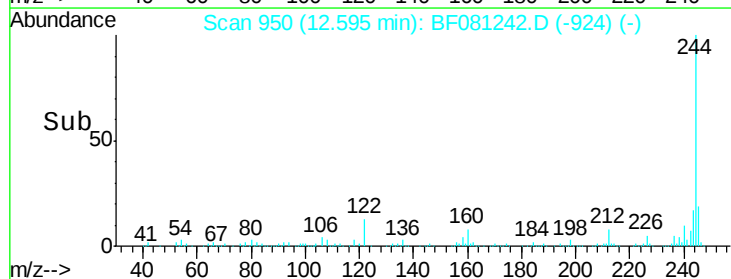
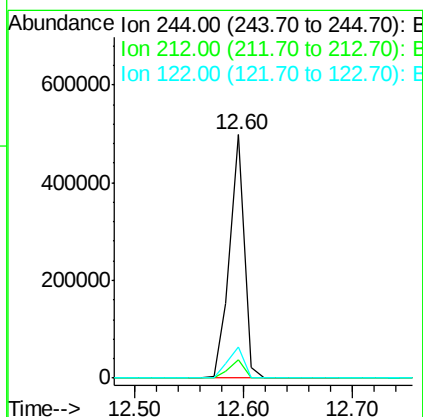
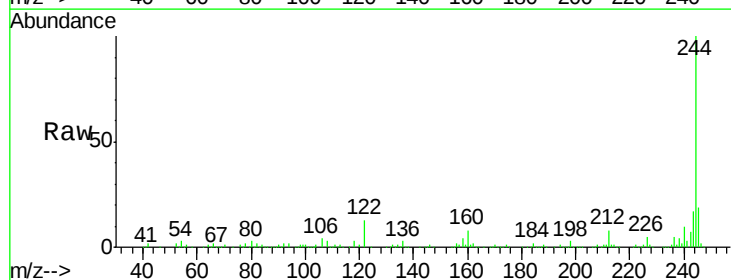
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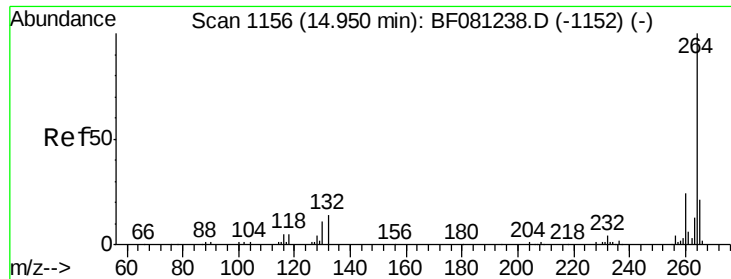
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.2	9.4
236	25.3	20.6	31.0



#12
Terphenyl-d14
Concen: 82.05 ng
RT: 12.60 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF081242.D
Acq: 27 Aug 2015 6:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.0	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: BF081242.D

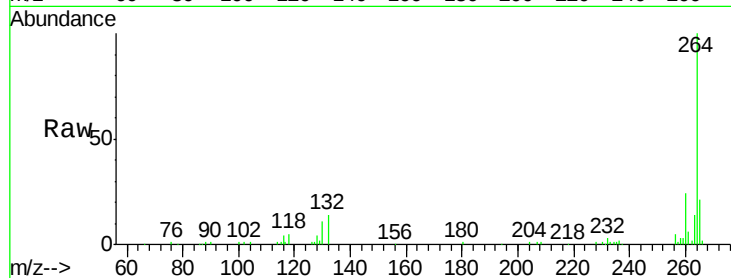
Acq: 27 Aug 2015 6:29

Instrument :

BNA_F

ClientSampleId :

ICVBF082715



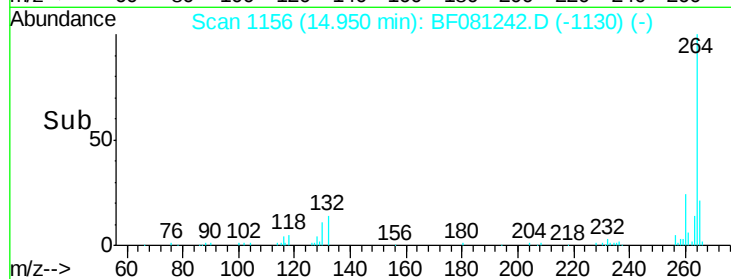
Tgt Ion: 264 Resp: 96256

Ion Ratio Lower Upper

264 100

260 24.0 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

