

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082715\
 Data File : BF081235.D
 Acq On : 27 Aug 2015 2:55
 Operator : UM/IZ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Aug 27 05:44:20 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

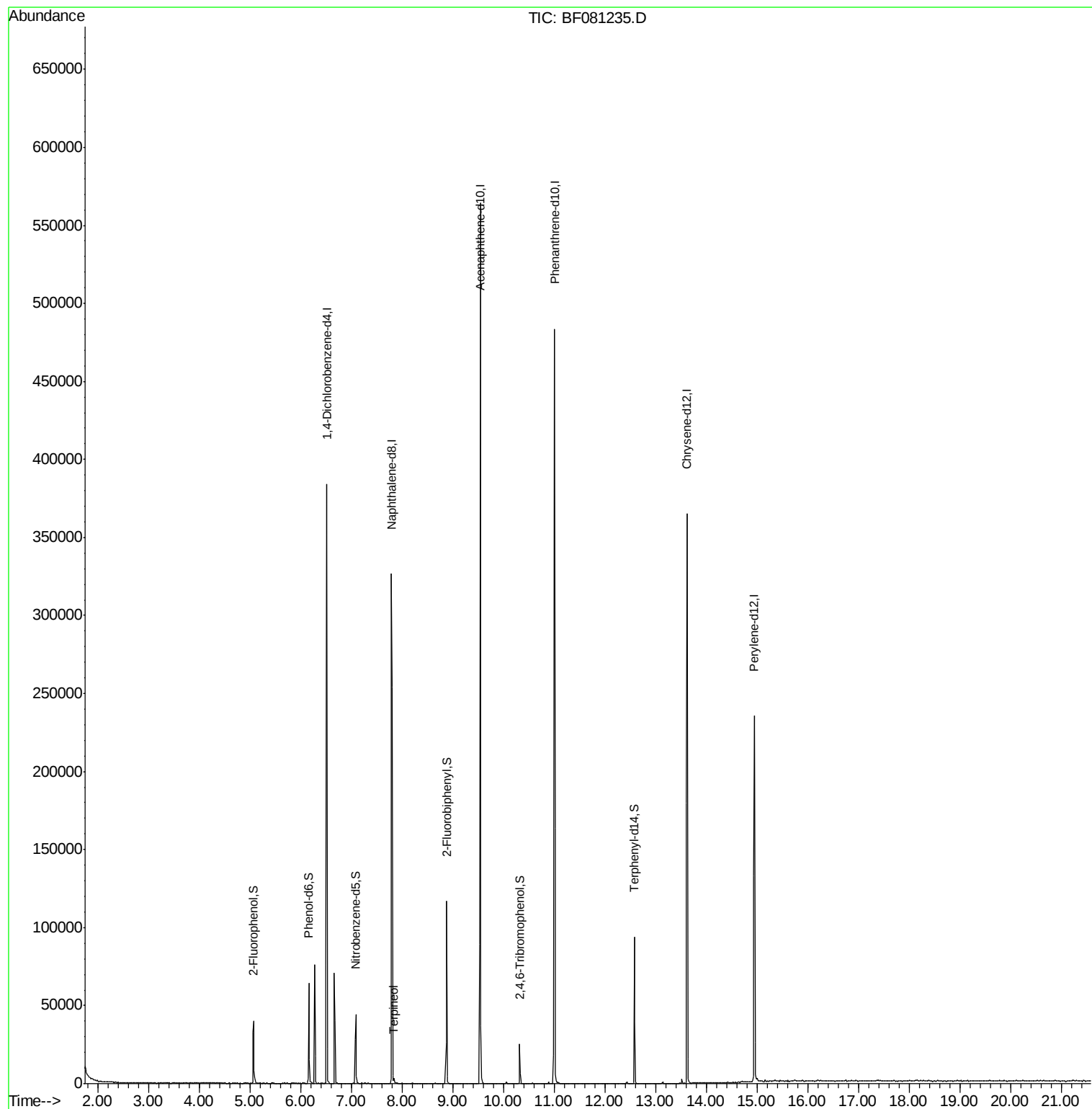
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	53633	20.00	ng	0.00
4) Naphthalene-d8	7.79	136	196489	20.00	ng	0.00
7) Acenaphthene-d10	9.54	164	101585	20.00	ng	0.00
10) Phenanthrene-d10	11.01	188	191489	20.00	ng	0.00
11) Chrysene-d12	13.62	240	148837	20.00	ng	0.00
13) Perylene-d12	14.95	264	104226	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.07	112	17113	5.19	ng	0.01
3) Phenol-d6	6.16	99	24175	5.80	ng	0.00
5) Nitrobenzene-d5	7.09	82	20373	5.66	ng	0.00
8) 2,4,6-Tribromophenol	10.32	330	3073	3.50	ng	0.00
9) 2-Fluorobiphenyl	8.88	172	40159	5.87	ng	0.00
12) Terphenyl-d14	12.58	244	36141	5.90	ng	-0.01
Target Compounds						
6) Terpineol	7.84	59	736	0.17	ng	Qvalue # 61

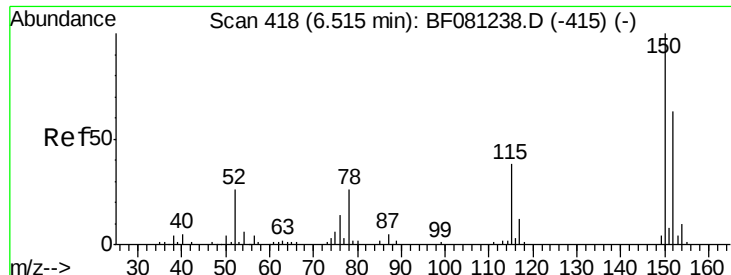
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081235.D

Acq: 27 Aug 2015 2:55

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BNA_F

ClientSampleId :

SSTDICC2.5

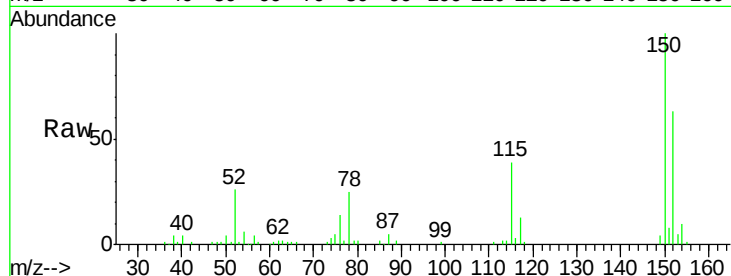
Tgt Ion:152 Resp: 53633

Ion Ratio Lower Upper

152 100

150 158.7 127.8 191.8

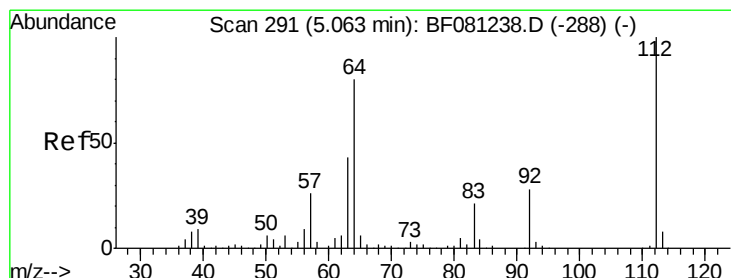
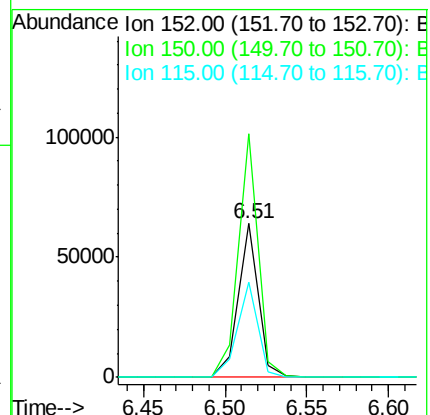
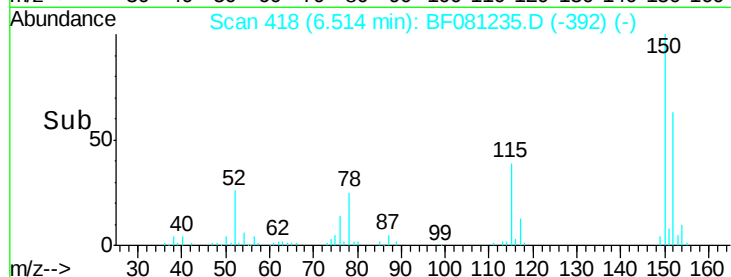
115 61.8 48.6 72.8



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: 5.19 ng

RT: 5.07 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF081235.D

Acq: 27 Aug 2015 2:55

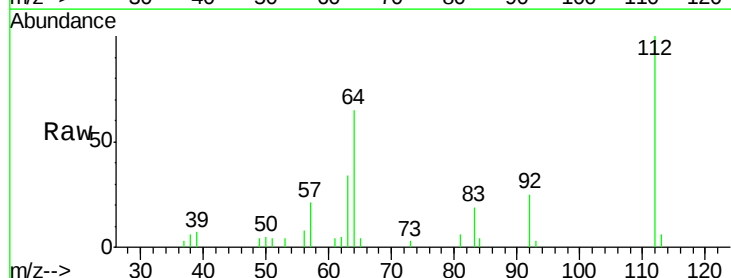
Tgt Ion:112 Resp: 17113

Ion Ratio Lower Upper

112 100

64 65.4 64.2 96.4

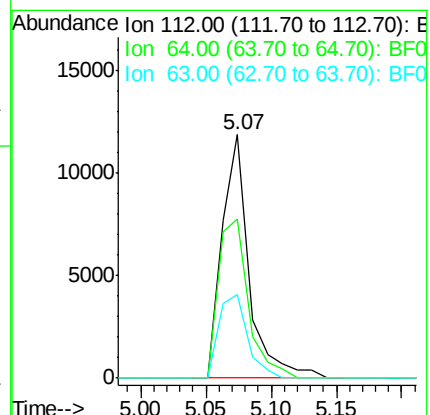
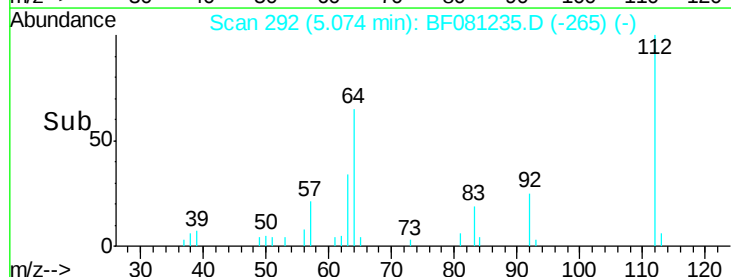
63 34.2 34.6 52.0#

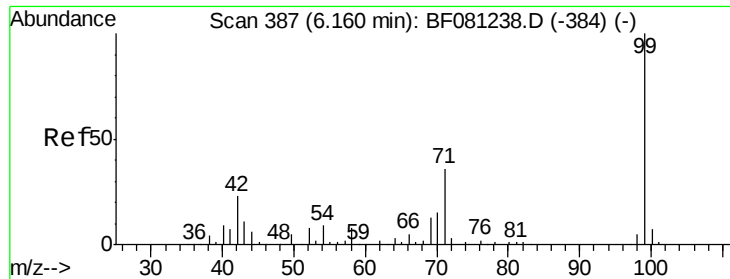


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#3

Phenol-d6

Concen: 5.80 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF081235.D

Acq: 27 Aug 2015 2:55

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BNA_F

ClientSampleId :

SSTDICC2.5

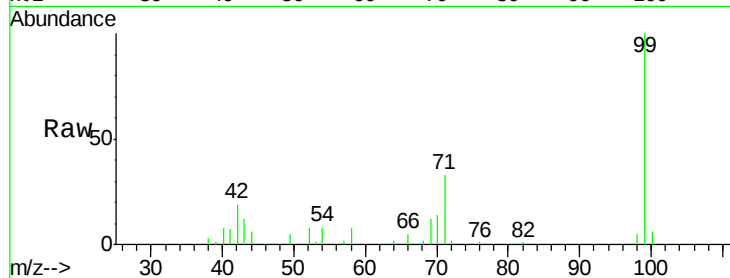
Tgt Ion: 99 Resp: 24175

Ion Ratio Lower Upper

99 100

42 19.5 18.3 27.5

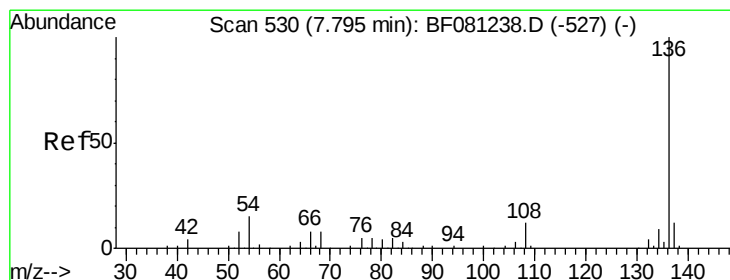
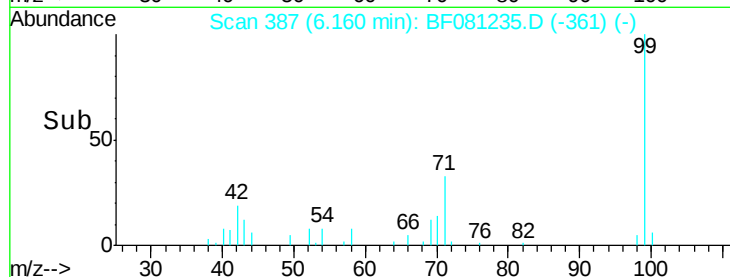
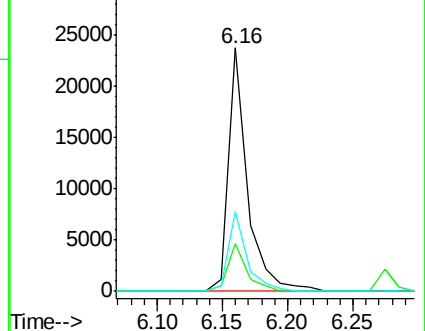
71 33.0 28.5 42.7



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: BF081235.D

Acq: 27 Aug 2015 2:55

Tgt Ion: 136 Resp: 196489

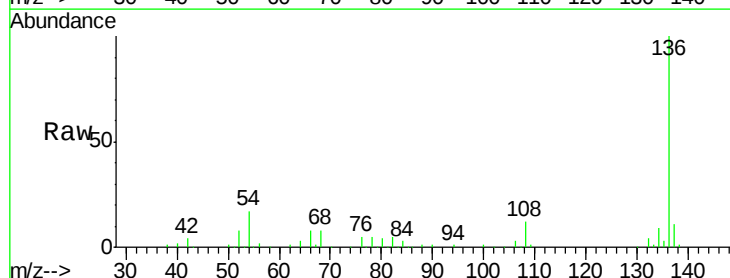
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 16.5 12.4 18.6

68 8.2 6.6 9.8

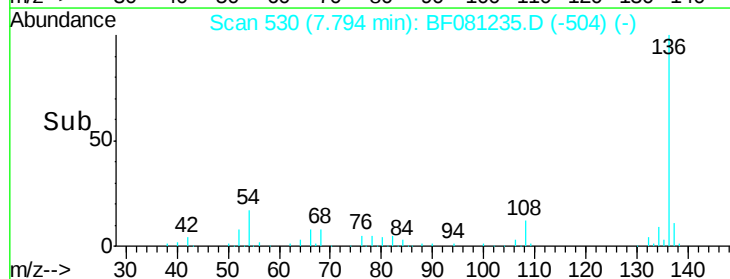
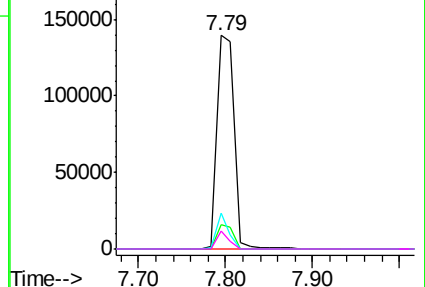


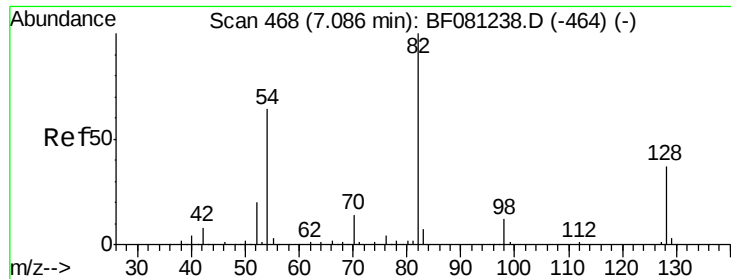
Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.66 ng

RT: 7.09 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF081235.D

Acq: 27 Aug 2015 2:55

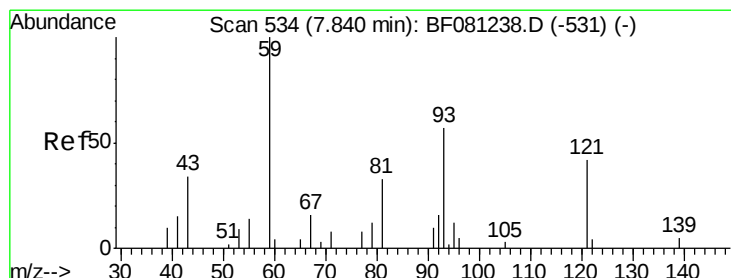
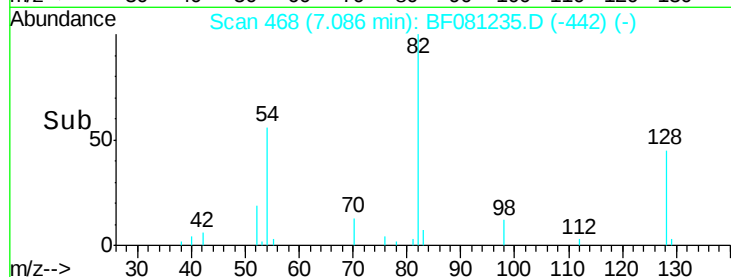
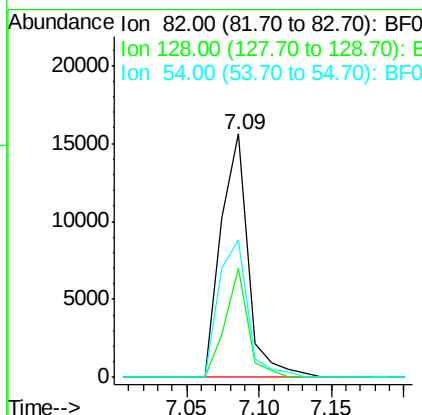
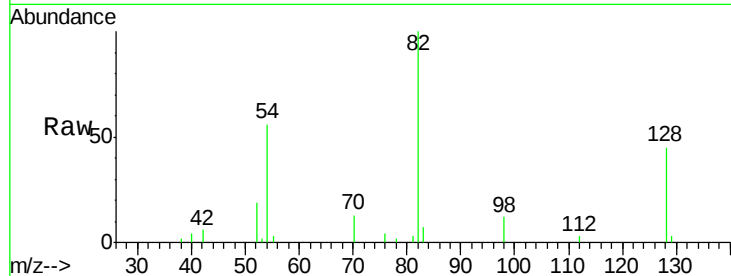
Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:	82	Resp:	20373
Ion	Ratio	Lower	Upper
82	100		
128	44.7	29.3	43.9#
54	56.5	51.1	76.7



#6

Terpineol

Concen: 0.17 ng

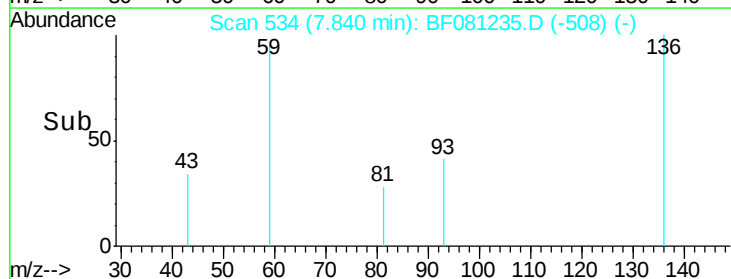
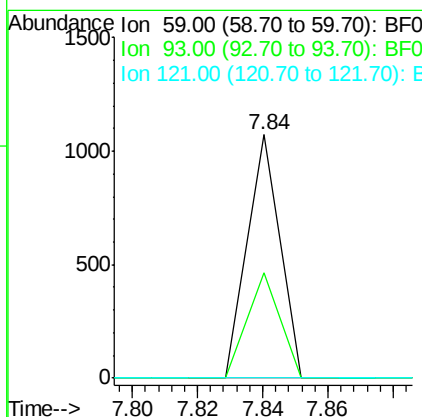
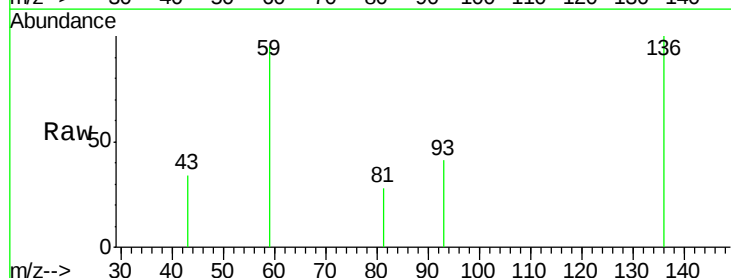
RT: 7.84 min Scan# 534

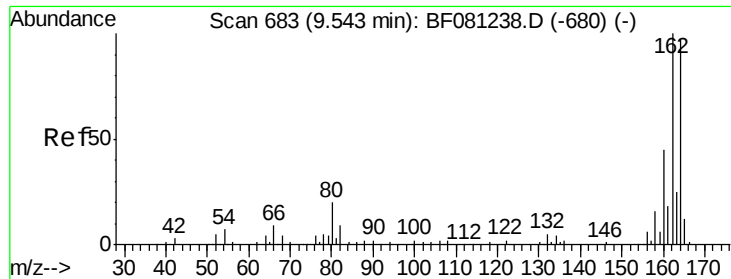
Delta R.T. -0.00 min

Lab File: BF081235.D

Acq: 27 Aug 2015 2:55

Tgt Ion:	59	Resp:	736
Ion	Ratio	Lower	Upper
59	100		
93	43.1	45.8	68.8#
121	0.0	33.6	50.4#





#7

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF081235.D

Acq: 27 Aug 2015 2:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

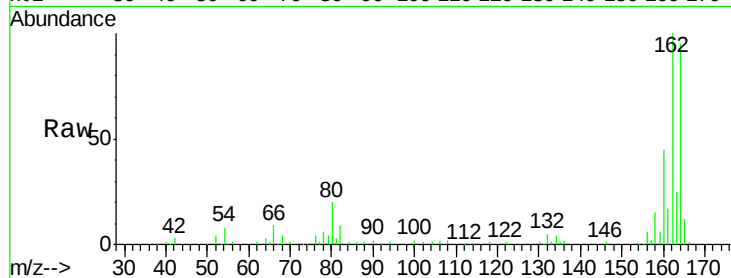
Tgt Ion:164 Resp: 101585

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

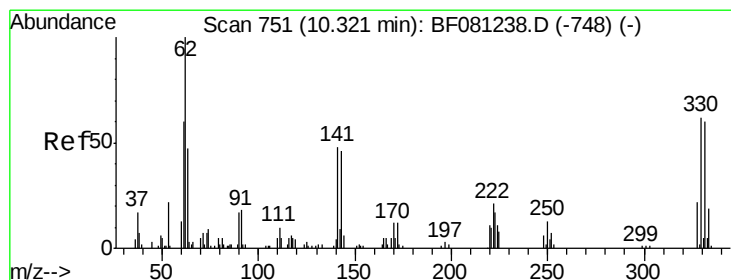
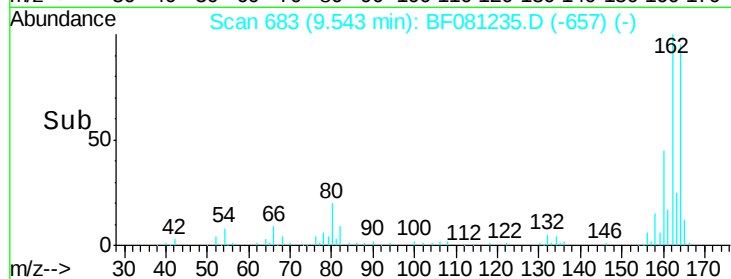
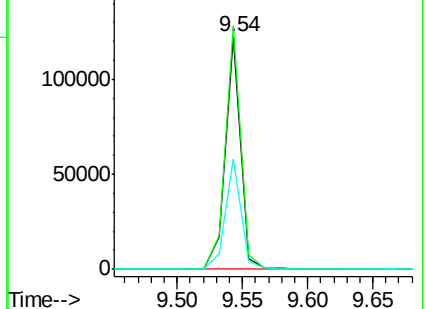
160 47.6 36.8 55.2



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: 3.50 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF081235.D

Acq: 27 Aug 2015 2:55

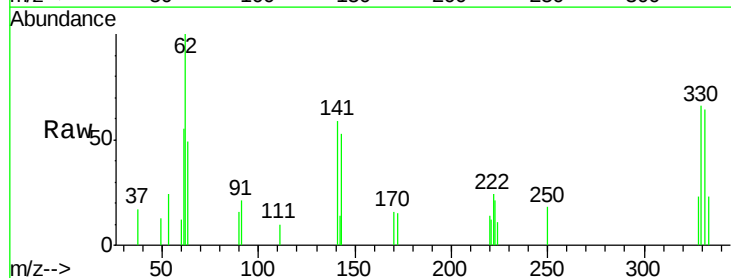
Tgt Ion:330 Resp: 3073

Ion Ratio Lower Upper

330 100

332 94.2 75.5 113.3

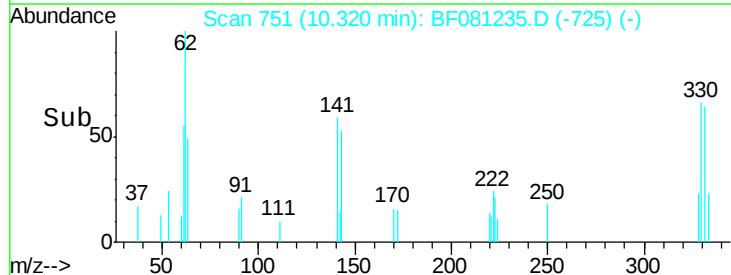
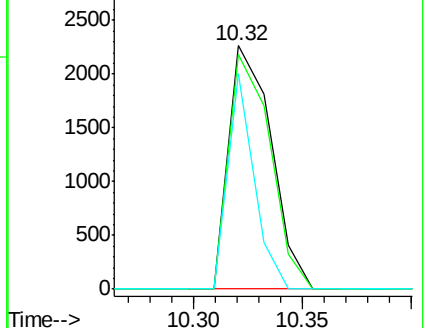
141 54.5 40.3 60.5

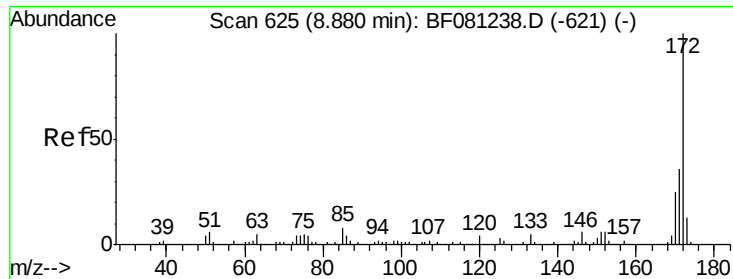


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

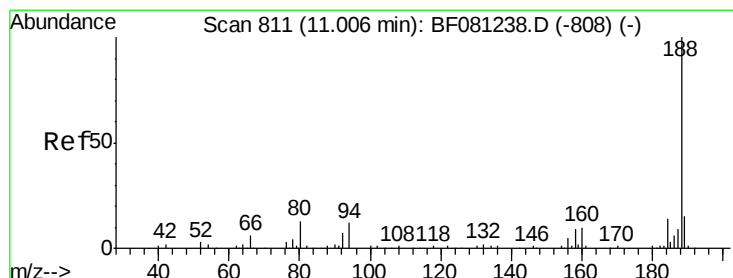
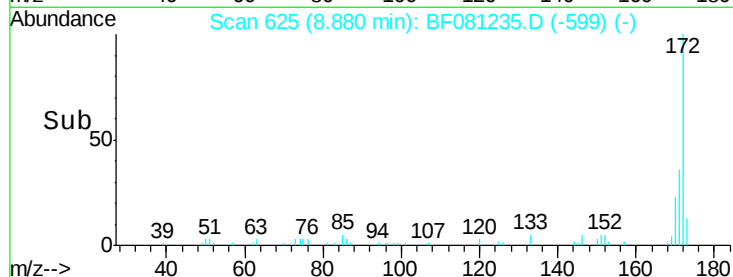
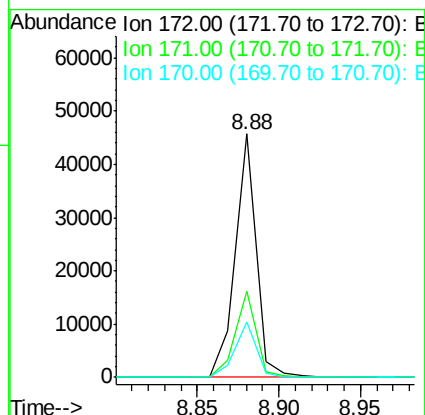
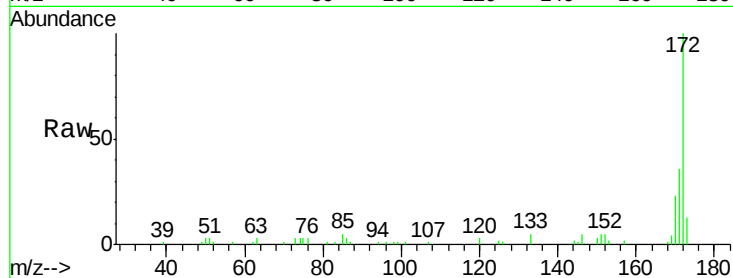




#9
 2-Fluorobiphenyl
 Concen: 5.87 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF081235.D
 Acq: 27 Aug 2015 2:55

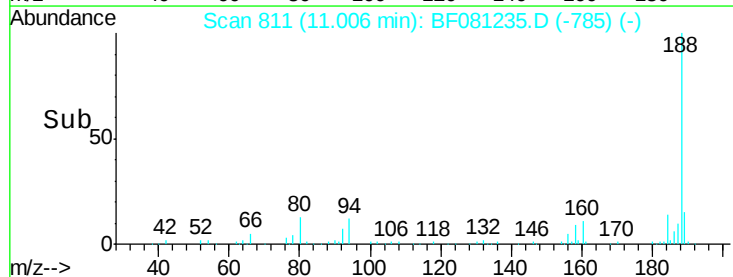
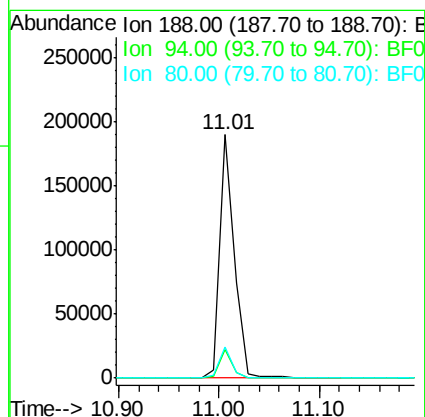
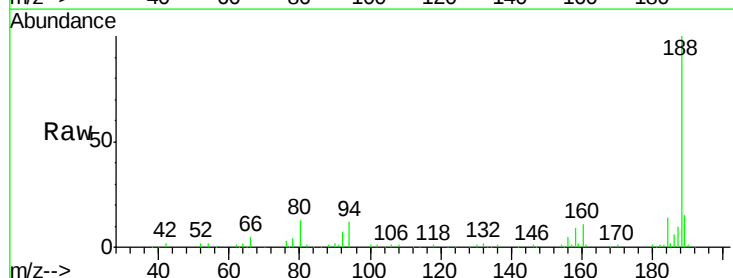
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

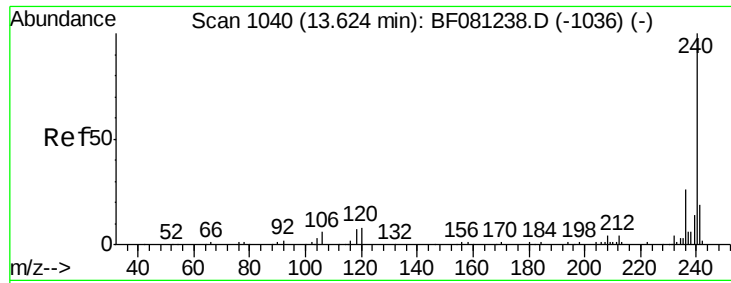
Tgt Ion:172 Resp: 40159
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.0 19.7 29.5



#10
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF081235.D
 Acq: 27 Aug 2015 2:55

Tgt Ion:188 Resp: 191489
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.4 14.2
 80 12.7 10.5 15.7

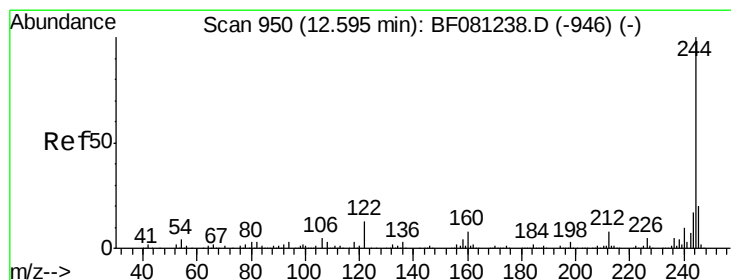
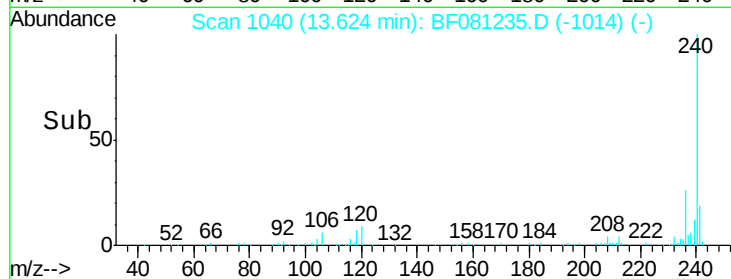
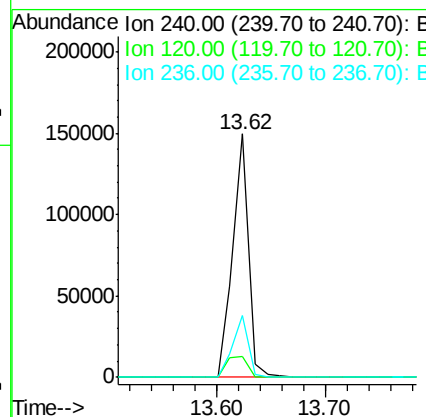
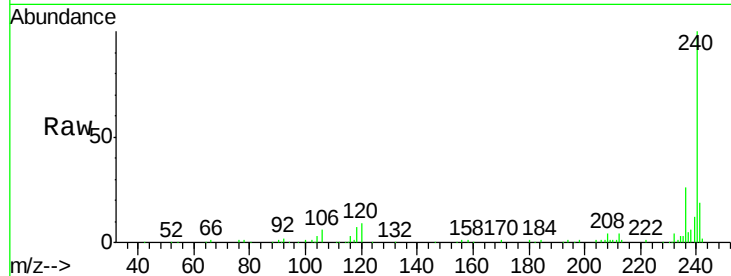




#11
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF081235.D
Acq: 27 Aug 2015 2:55

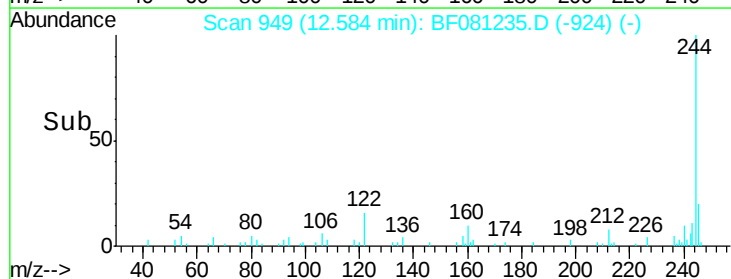
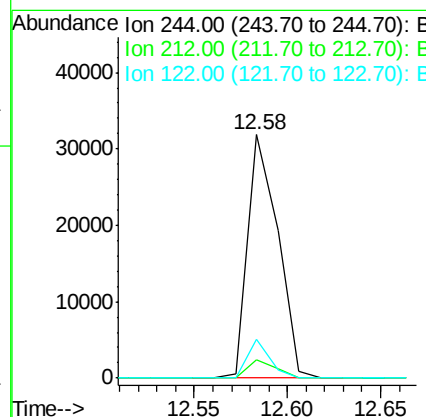
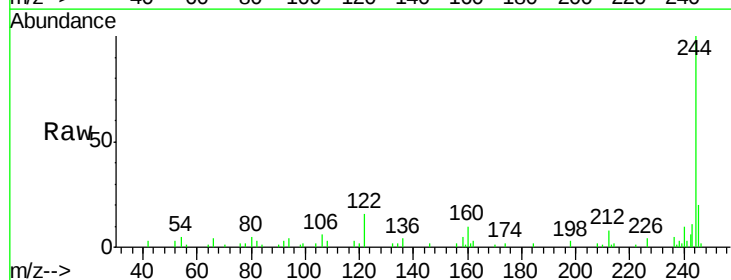
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

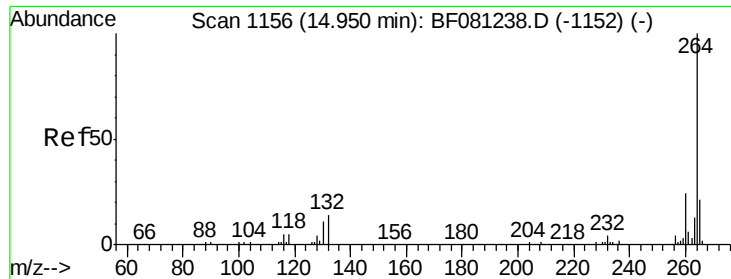
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.2	9.4
236	25.5	20.6	31.0



#12
Terphenyl-d14
Concen: 5.90 ng
RT: 12.58 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF081235.D
Acq: 27 Aug 2015 2:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	16.0	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: BF081235.D
Acq: 27 Aug 2015 2:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	21.8	17.1	25.7

