

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
 Data File : BF081231.D
 Acq On : 27 Aug 2015 00:53
 Operator : UM/IZ
 Sample : G3408-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-3

Quant Time: Aug 27 01:36:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 00:52:57 2015
 Response via : Initial Calibration

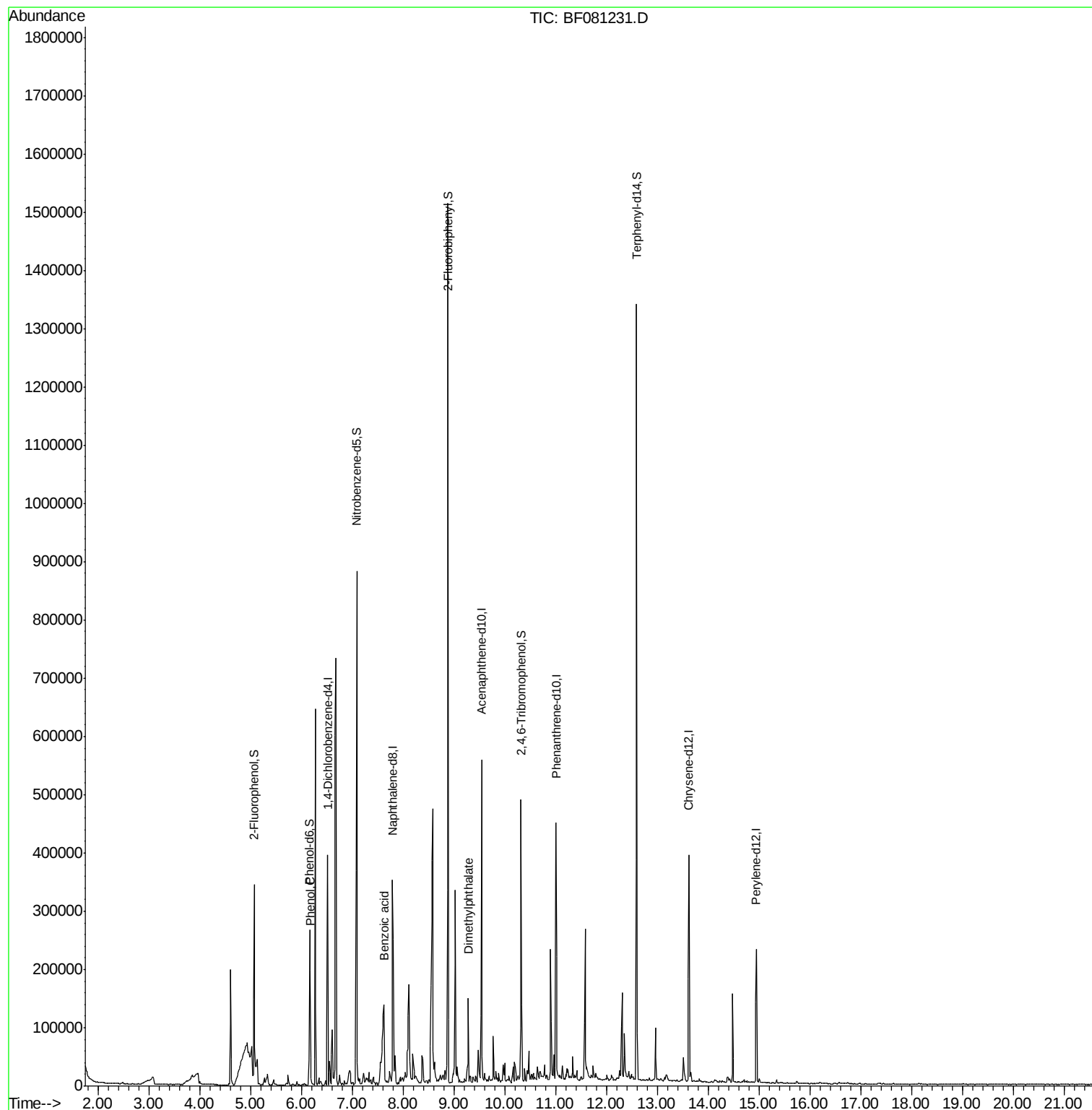
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	53936	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	199896	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	100145	20.00	ng	-0.01
63) Phenanthrene-d10	11.01	188	178546	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	147480	20.00	ng	-0.01
86) Perylene-d12	14.95	264	100080	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	89690	25.01	ng	0.00
7) Phenol-d6	6.16	99	79282	16.95	ng	-0.01
23) Nitrobenzene-d5	7.09	82	281137	64.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.32	330	40666	46.85	ng	-0.01
44) 2-Fluorobiphenyl	8.88	172	428083	56.01	ng	-0.01
78) Terphenyl-d14	12.60	244	383692	55.77	ng	-0.01
Target Compounds						
10) Phenol	6.17	94	49823	9.02	ng	# 69
32) Benzoic acid	7.62	122	66659	35.21	ng	# 86
49) Dimethylphthalate	9.28	163	48415	5.87	ng	99

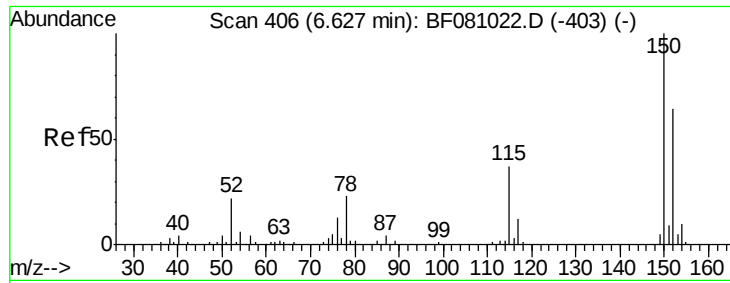
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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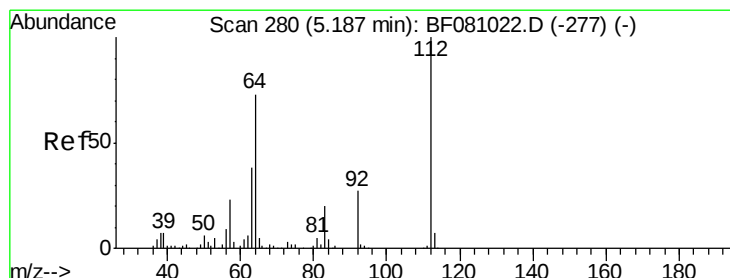
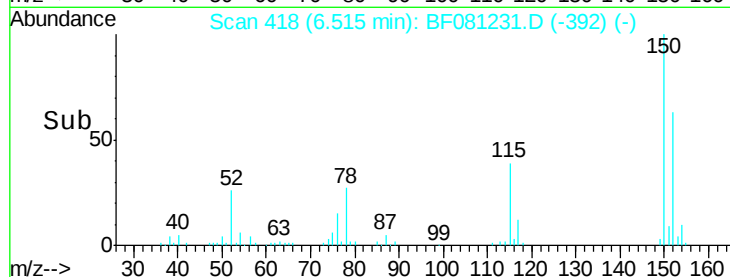
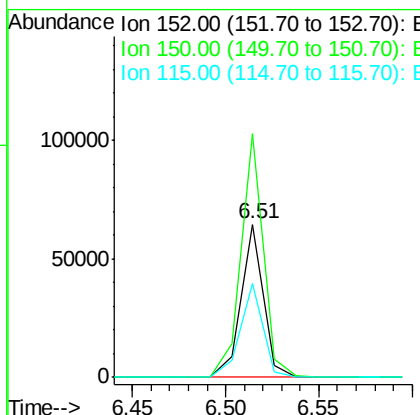
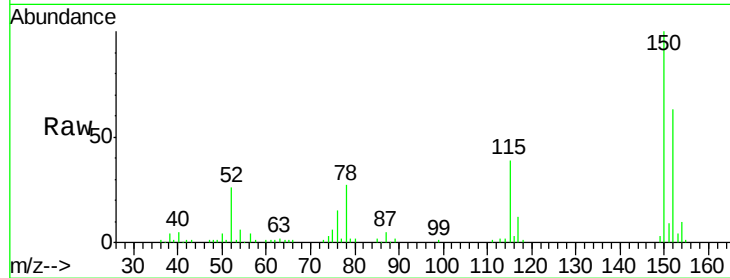




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.51 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BF081231.D
 Acq: 27 Aug 2015 00:53

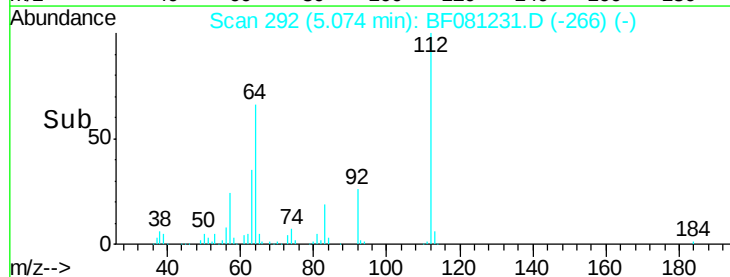
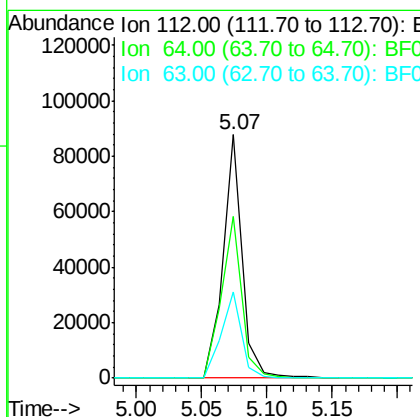
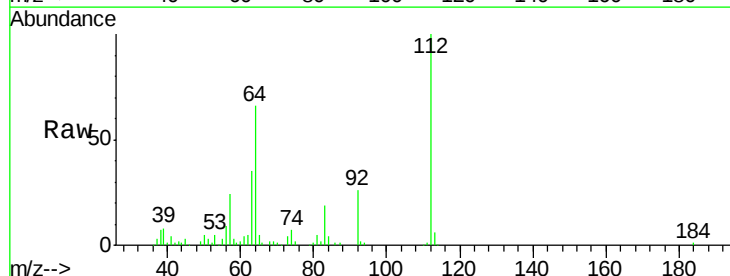
Instrument :
 BNA_F
 ClientSampled :
 TEC-3

Tgt Ion:152 Resp: 53936
 Ion Ratio Lower Upper
 152 100
 150 159.0 123.8 185.6
 115 61.5 52.1 78.1



#5
 2-Fluorophenol
 Concen: 25.01 ng
 RT: 5.07 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: BF081231.D
 Acq: 27 Aug 2015 00:53

Tgt Ion:112 Resp: 89690
 Ion Ratio Lower Upper
 112 100
 64 66.3 66.9 100.3#
 63 35.5 38.1 57.1#





#7

Phenol-d6

Concen: 16.95 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081231.D

Acq: 27 Aug 2015 00:53

Instrument :

BNA_F

ClientSampleId :

TEC-3

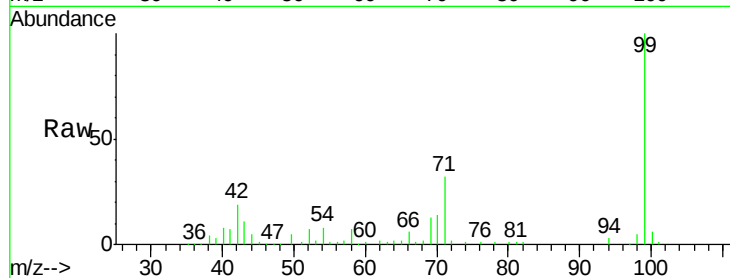
Tgt Ion: 99 Resp: 79282

Ion Ratio Lower Upper

99 100

42 19.2 19.6 29.4#

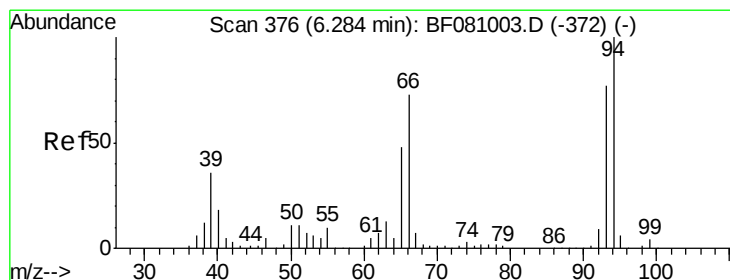
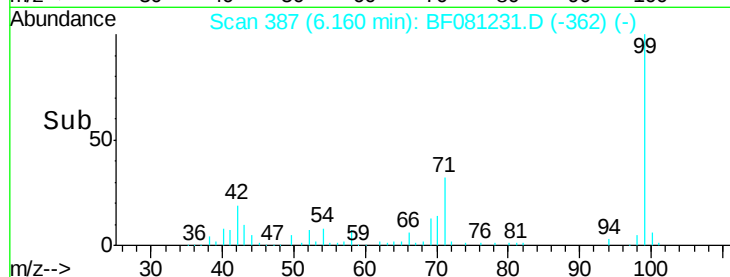
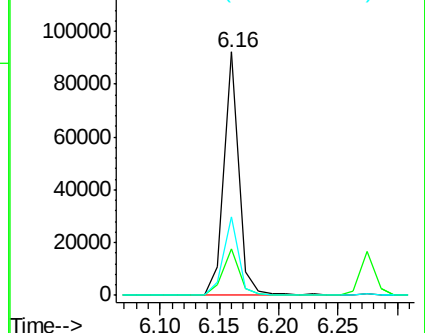
71 32.1 31.2 46.8



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



#10

Phenol

Concen: 9.02 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081231.D

Acq: 27 Aug 2015 00:53

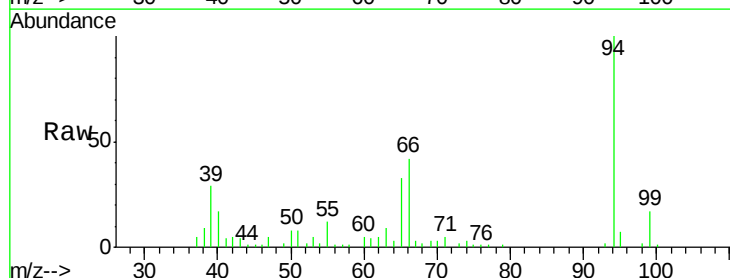
Tgt Ion: 94 Resp: 49823

Ion Ratio Lower Upper

94 100

65 33.1 28.4 68.4

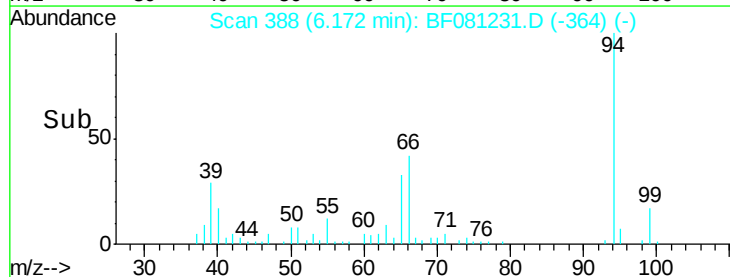
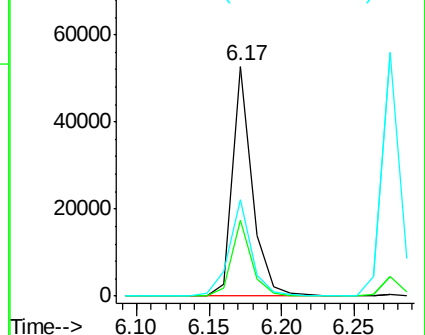
66 42.2 52.3 92.3#

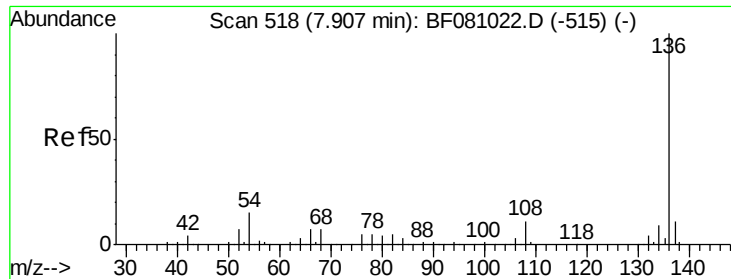


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

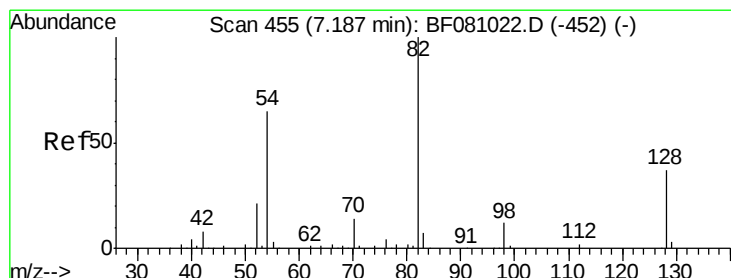
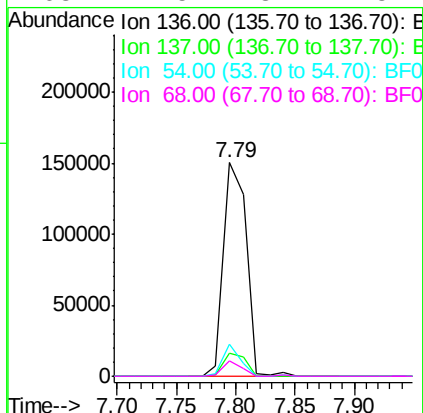
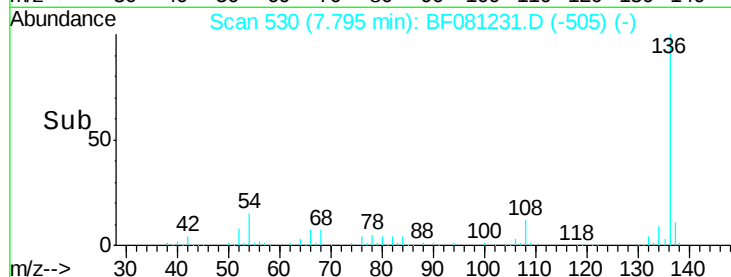
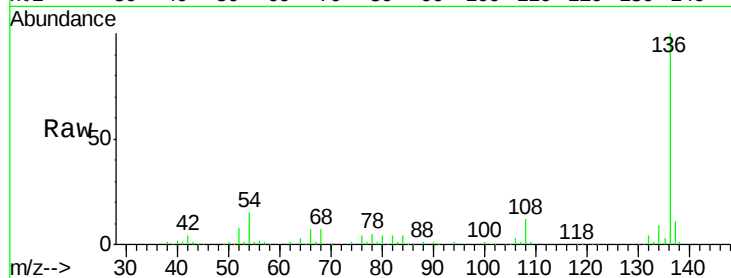




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081231.D
Acq: 27 Aug 2015 00:53

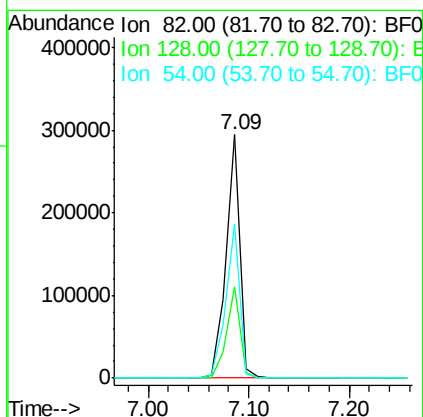
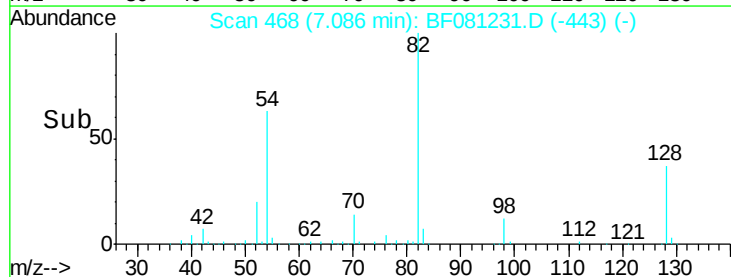
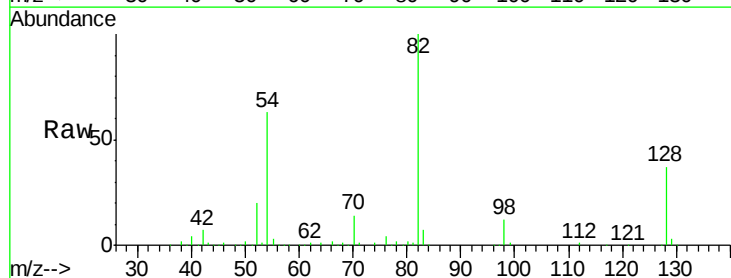
Instrument :
BNA_F
ClientSampleId :
TEC-3

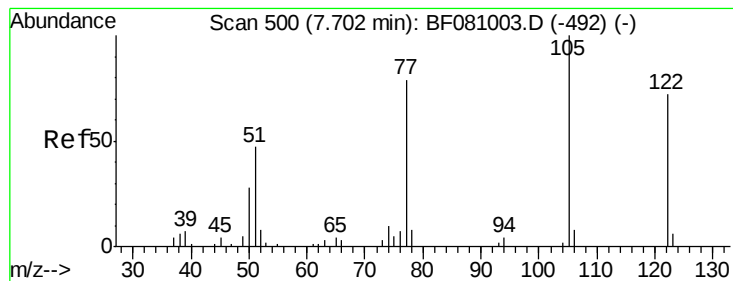
Tgt Ion:	136	Resp:	199896
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	14.9	7.7	11.5#
68	7.5	3.4	5.2#



#23
Nitrobenzene-d5
Concen: 64.25 ng
RT: 7.09 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081231.D
Acq: 27 Aug 2015 00:53

Tgt Ion:	82	Resp:	281137
Ion	Ratio	Lower	Upper
82	100		
128	37.3	28.6	42.8
54	63.1	55.1	82.7





#32

Benzoic acid

Concen: 35.21 ng

RT: 7.62 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF081231.D

Acq: 27 Aug 2015 00:53

Instrument :

BNA_F

ClientSampleId :

TEC-3

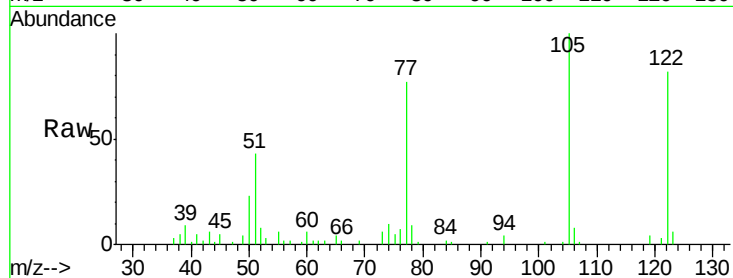
Tgt Ion:122 Resp: 66659

Ion Ratio Lower Upper

122 100

105 121.5 113.8 153.8

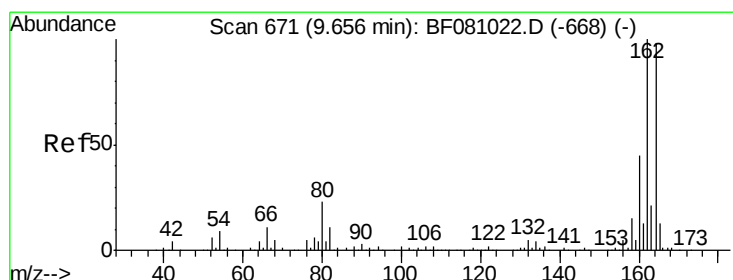
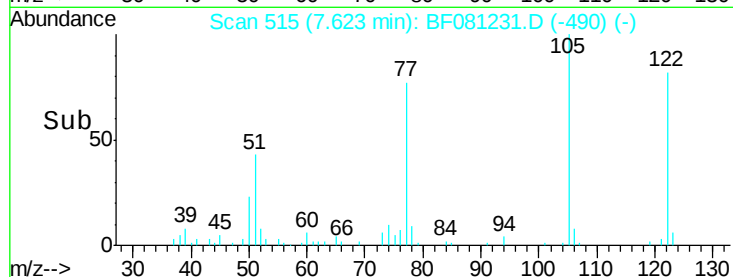
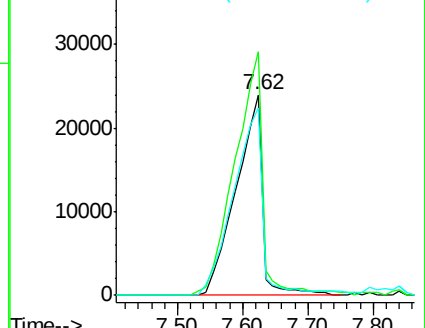
77 93.4 93.8 133.8#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF081231.D

Acq: 27 Aug 2015 00:53

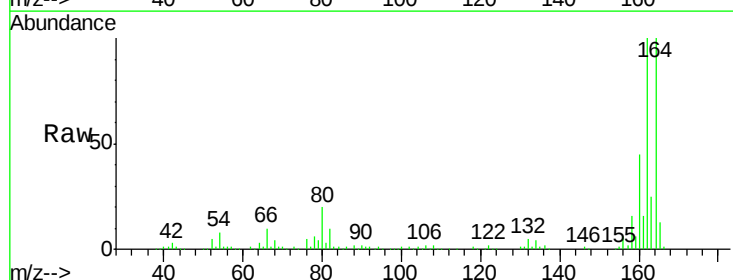
Tgt Ion:164 Resp: 100145

Ion Ratio Lower Upper

164 100

162 99.5 83.8 125.8

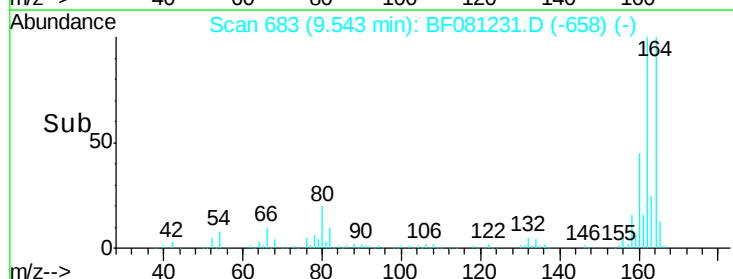
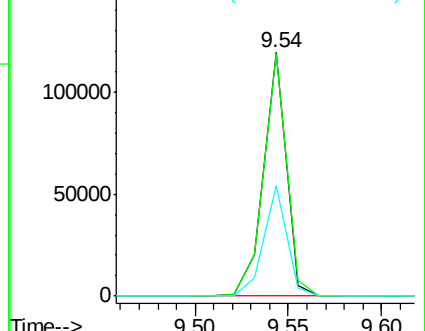
160 45.2 39.8 59.8



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

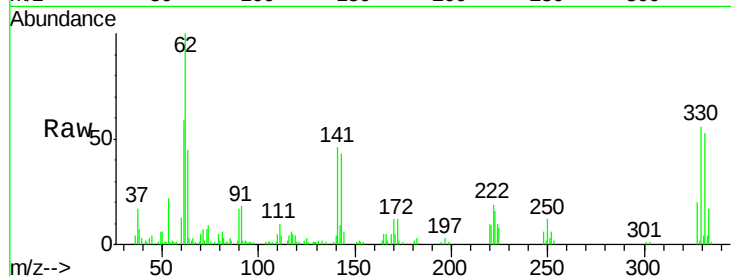




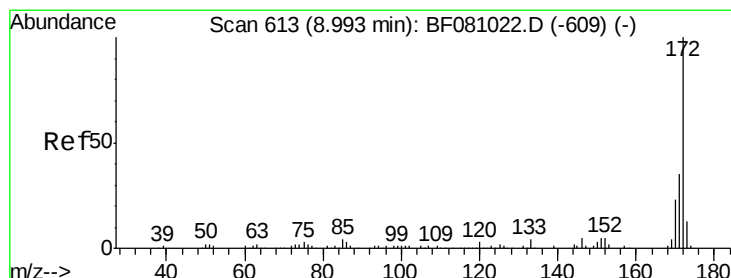
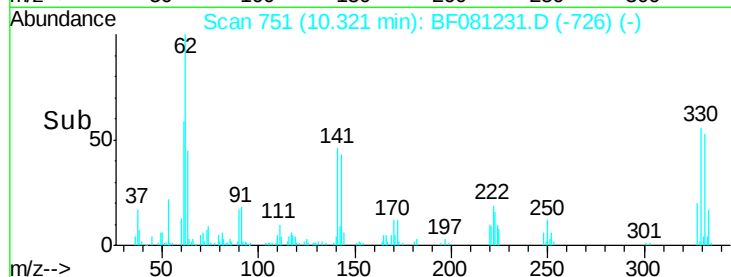
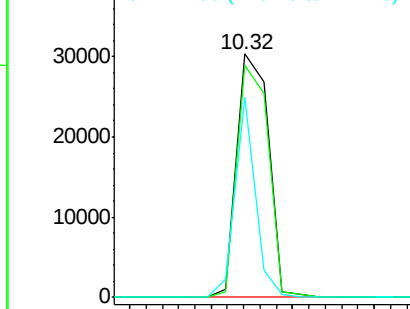
#41
 2,4,6-Tribromophenol
 Concen: 46.85 ng
 RT: 10.32 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081231.D
 Acq: 27 Aug 2015 00:53

Instrument :
 BNA_F
 ClientSampleId :
 TEC-3

Tgt Ion:330 Resp: 40666
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.3 115.9
 141 52.3 44.9 67.3

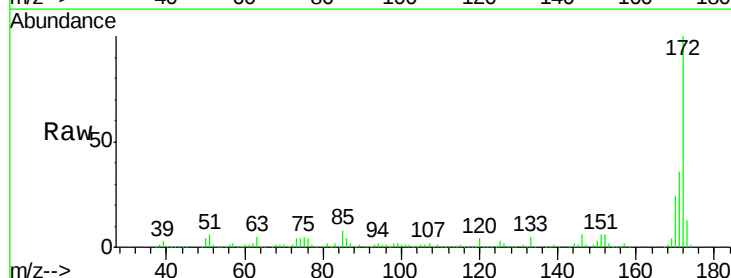


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

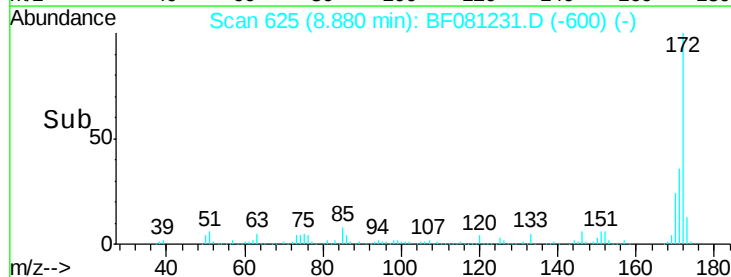
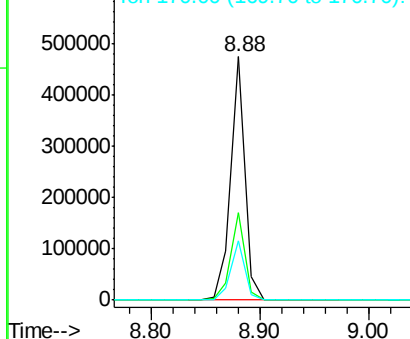


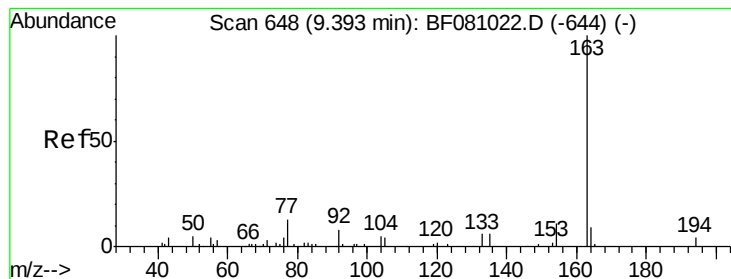
#44
 2-Fluorobiphenyl
 Concen: 56.01 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081231.D
 Acq: 27 Aug 2015 00:53

Tgt Ion:172 Resp: 428083
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.4 19.4 29.2



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





#49

Dimethylphthalate

Concen: 5.87 ng

RT: 9.28 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081231.D

Acq: 27 Aug 2015 00:53

Instrument :

BNA_F

ClientSampleId :

TEC-3

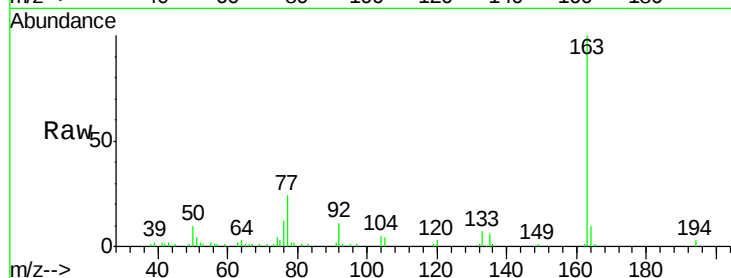
Tgt Ion:163 Resp: 48415

Ion Ratio Lower Upper

163 100

194 3.1 2.5 3.7

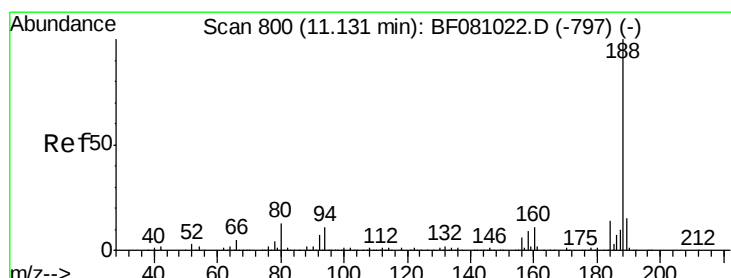
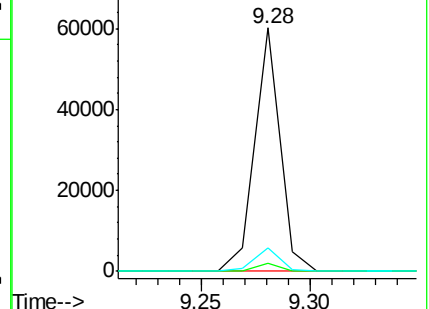
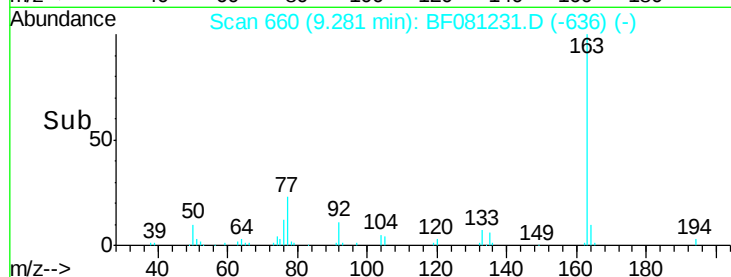
164 9.8 8.1 12.1



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: 11.01 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF081231.D

Acq: 27 Aug 2015 00:53

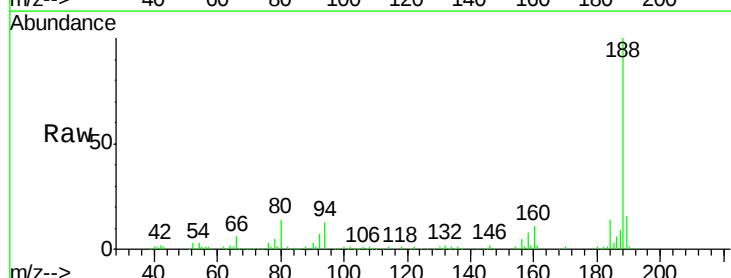
Tgt Ion:188 Resp: 178546

Ion Ratio Lower Upper

188 100

94 12.7 8.2 12.2#

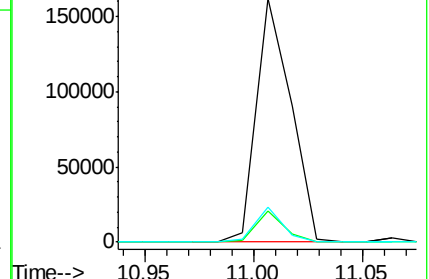
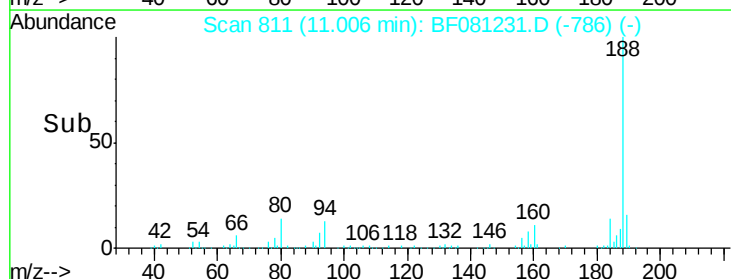
80 14.3 9.5 14.3#

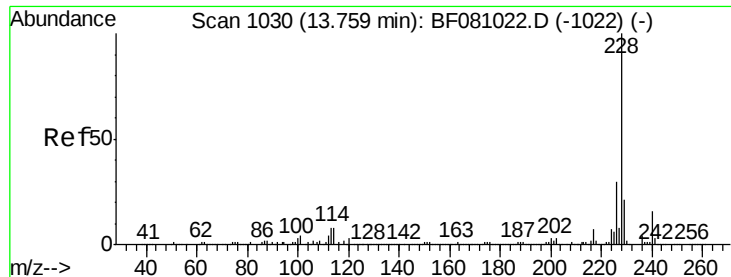


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.62 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF081231.D

Acq: 27 Aug 2015 00:53

Instrument :

BNA_F

ClientSampleId :

TEC-3

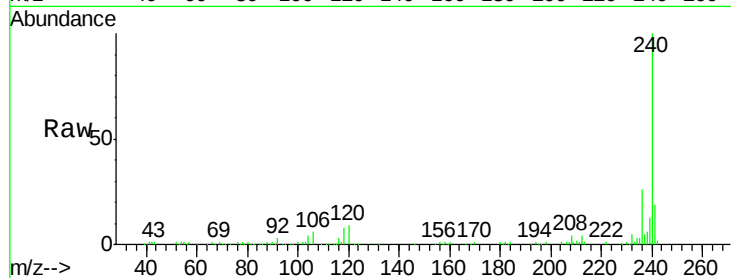
Tgt Ion:240 Resp: 147480

Ion Ratio Lower Upper

240 100

120 8.8 5.6 8.4#

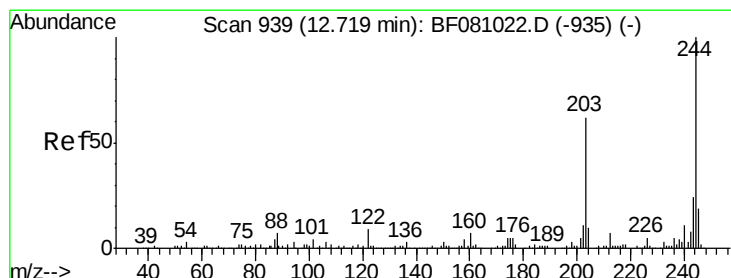
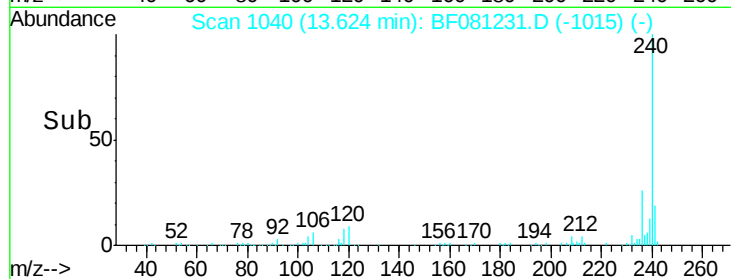
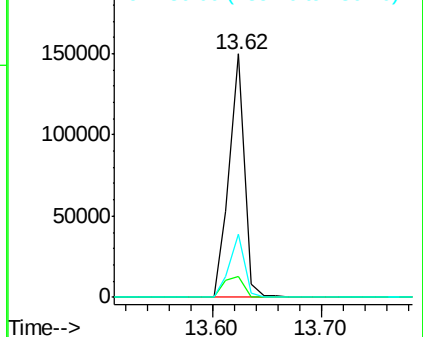
236 26.1 20.6 30.8



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: 55.77 ng

RT: 12.60 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF081231.D

Acq: 27 Aug 2015 00:53

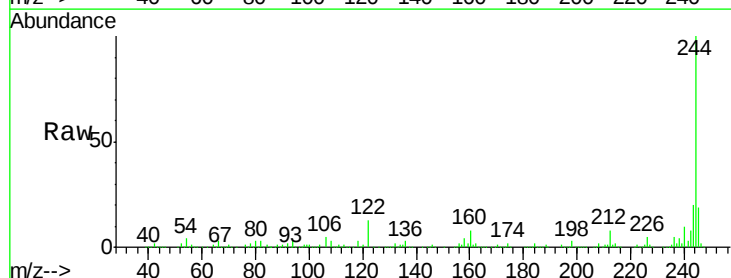
Tgt Ion:244 Resp: 383692

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

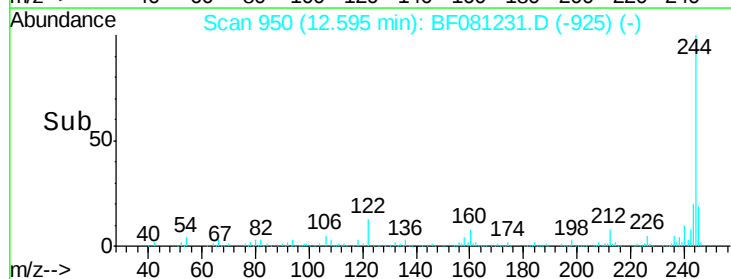
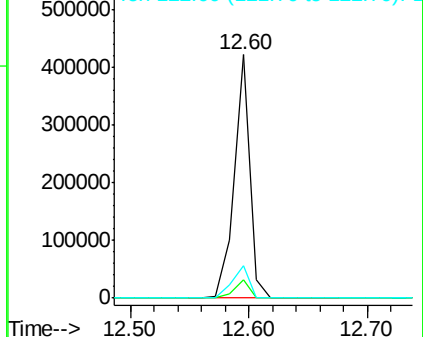
122 13.2 8.2 12.4#

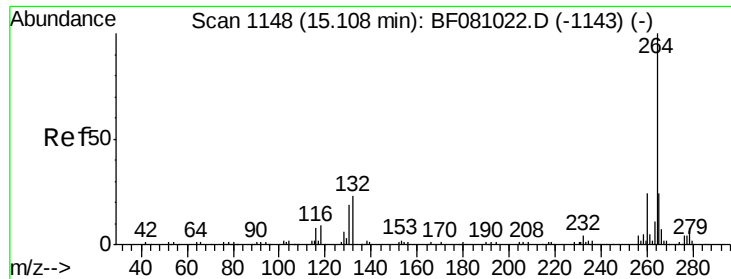


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF081231.D
Acq: 27 Aug 2015 00:53

Instrument :
BNA_F
ClientSampleId :
TEC-3

Tgt Ion: 264 Resp: 100080
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 20.9 17.5 26.3

