

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
 Data File : BF081561.D
 Acq On : 9 Sep 2015 19:41
 Operator : UM/IZ
 Sample : G3575-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Quant Time: Sep 10 08:35:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 04:43:26 2015
 Response via : Initial Calibration

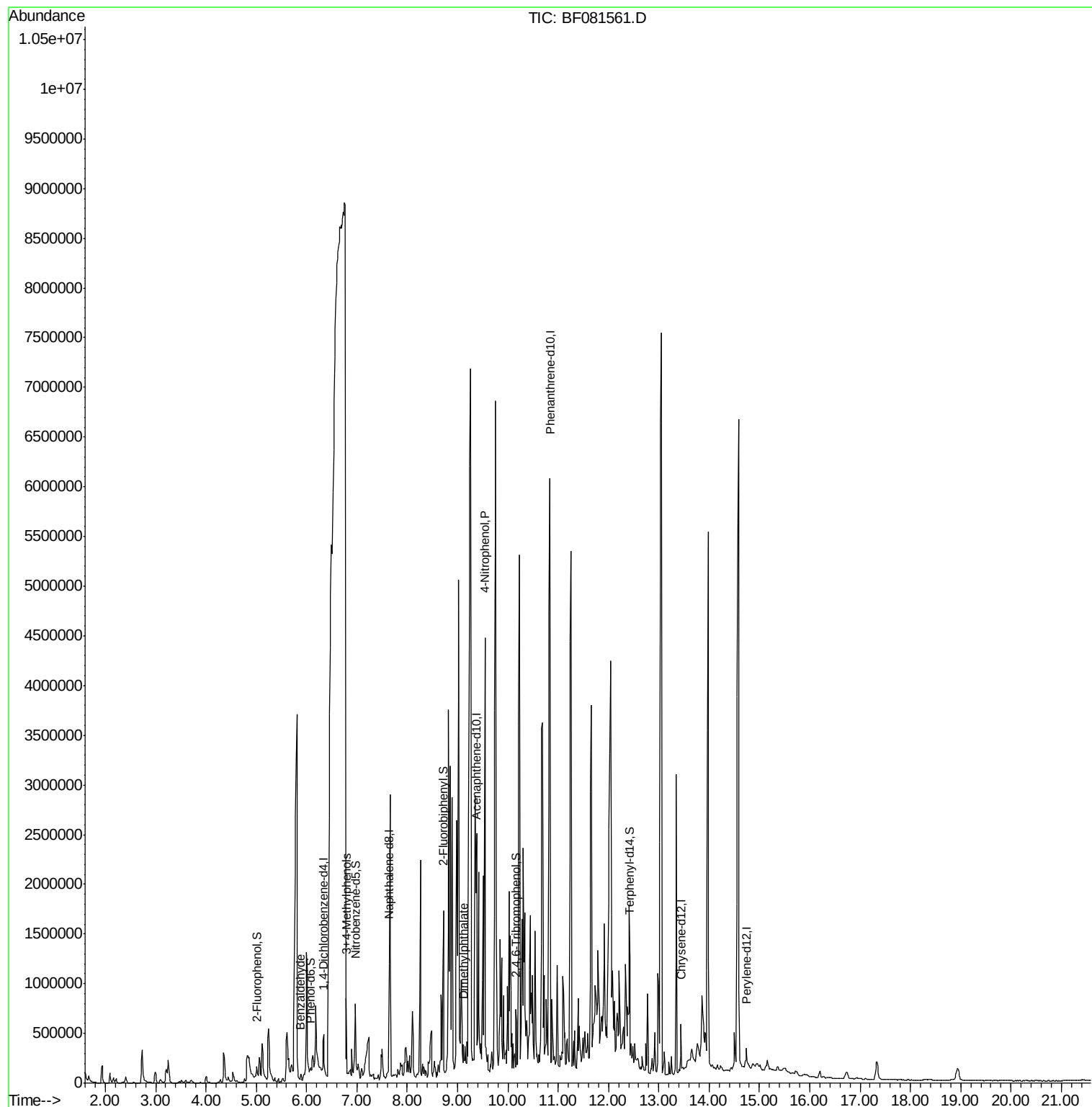
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	45658	20.00	ng	0.01
21) Naphthalene-d8	7.64	136	165068	20.00	ng	0.02
38) Acenaphthene-d10	9.37	164	67751	20.00	ng	0.00
63) Phenanthrene-d10	10.83	188	118161	20.00	ng	0.00
75) Chrysene-d12	13.44	240	83980	20.00	ng	0.00
86) Perylene-d12	14.74	264	72381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	105400m	35.82	ng	0.15
7) Phenol-d6	6.08	99	29713	7.63	ng	0.07
23) Nitrobenzene-d5	6.97	82	330025	96.46	ng	0.05
41) 2,4,6-Tribromophenol	10.17	330	52351	86.78	ng	0.01
44) 2-Fluorobiphenyl	8.72	172	632417	119.62	ng	0.01
78) Terphenyl-d14	12.42	244	386804	107.22	ng	0.01
Target Compounds						
9) Benzaldehyde	5.88	77	17059	6.99	ng	# 71
20) 3+4-Methylphenols	6.79	107	50883	14.59	ng	# 1
49) Dimethylphthalate	9.12	163	18921	3.59	ng	# 94
55) 4-Nitrophenol	9.54	139	10800	12.64	ng	# 72

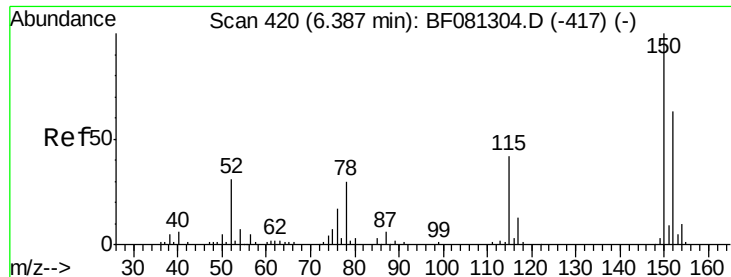
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

Instrument :

BNA_F

ClientSampleId :

EFFWW

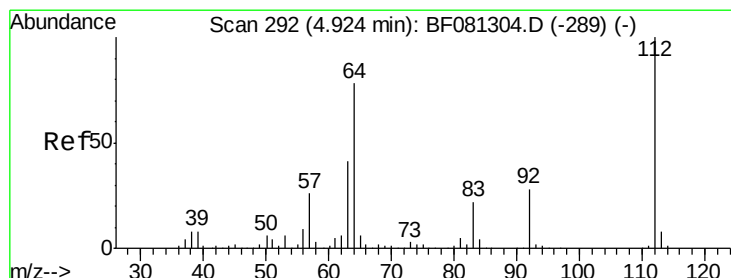
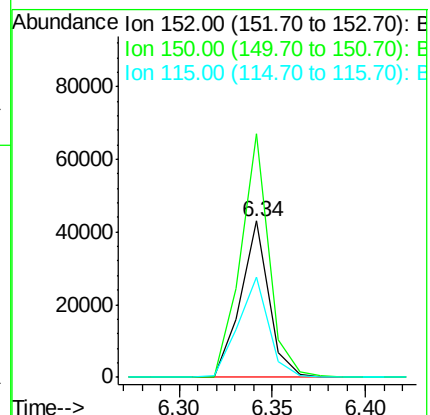
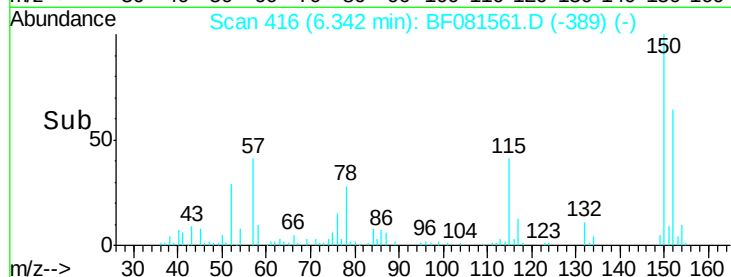
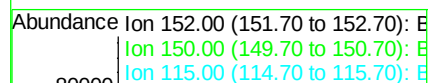
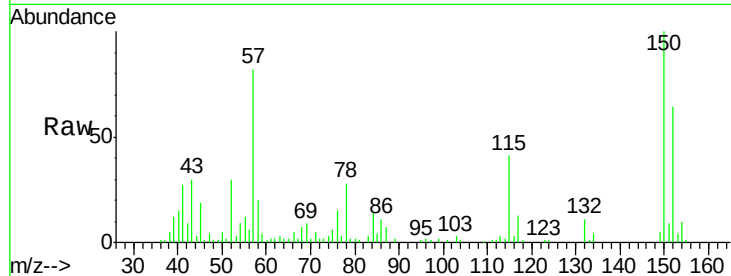
Tgt Ion:152 Resp: 45658

Ion Ratio Lower Upper

152 100

150 156.0 124.7 187.1

115 64.2 39.0 58.4#



#5

2-Fluorophenol

Concen: 35.82 ng m

RT: 5.02 min Scan# 300

Delta R.T. 0.15 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

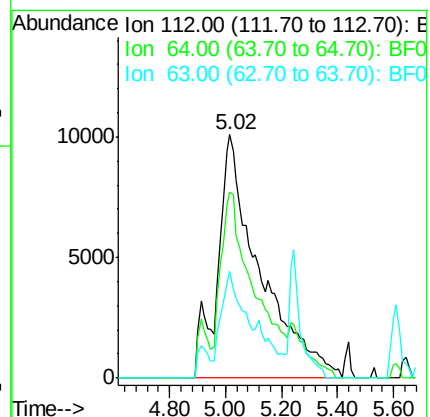
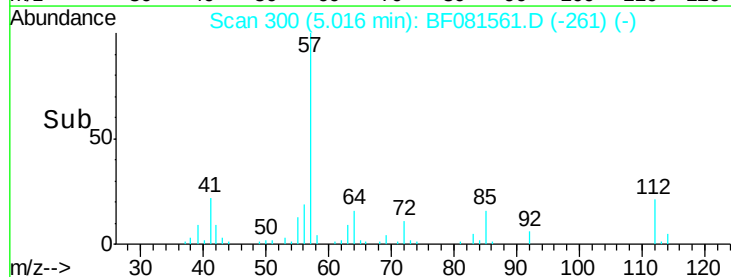
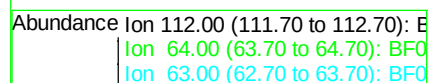
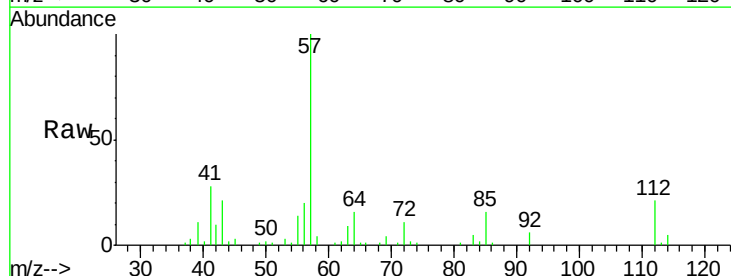
Tgt Ion:112 Resp: 105400

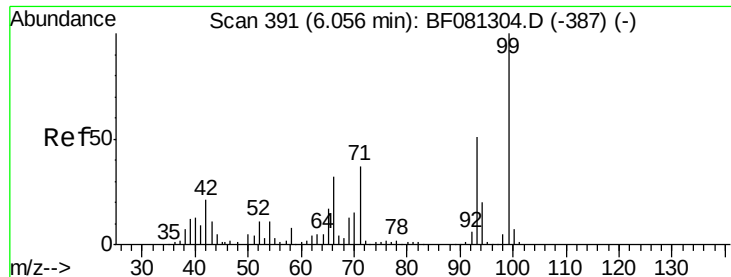
Ion Ratio Lower Upper

112 100

64 76.4 39.7 59.5#

63 43.6 17.4 26.0#





#7

Phenol-d6

Concen: 7.63 ng

RT: 6.08 min Scan# 393

Delta R.T. 0.07 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

Instrument :

BNA_F

ClientSampleId :

EFFWW

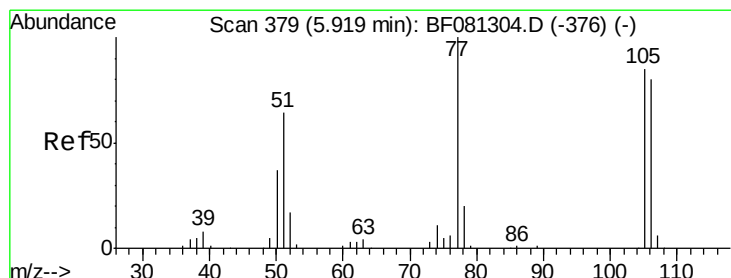
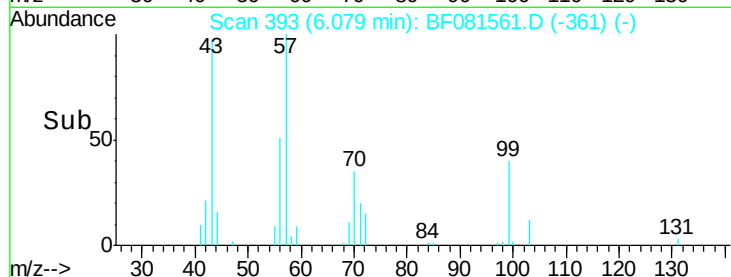
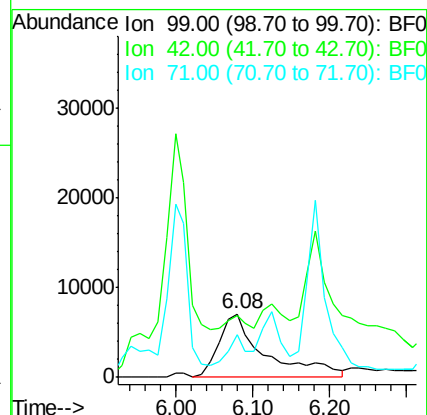
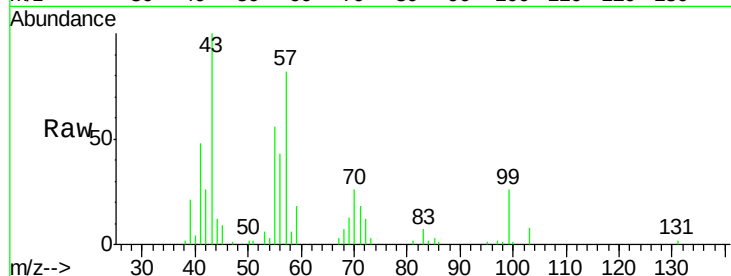
Tgt Ion: 99 Resp: 29713

Ion Ratio Lower Upper

99 100

42 98.7 13.7 20.5#

71 67.6 14.2 21.2#



#9

Benzaldehyde

Concen: 6.99 ng

RT: 5.88 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

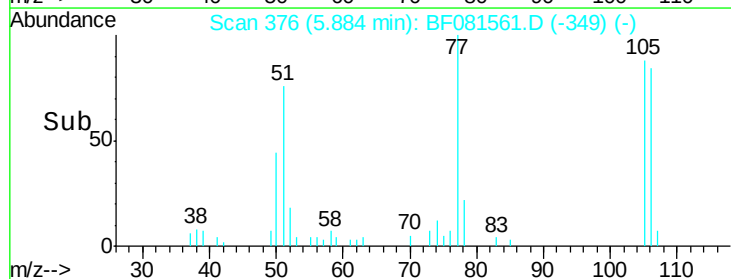
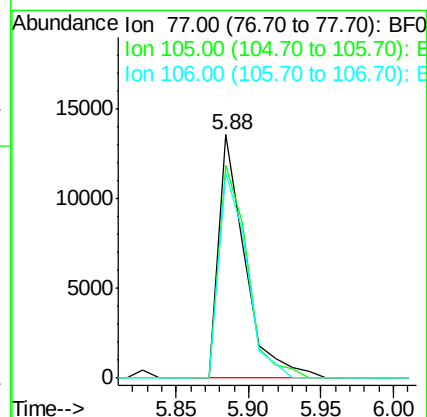
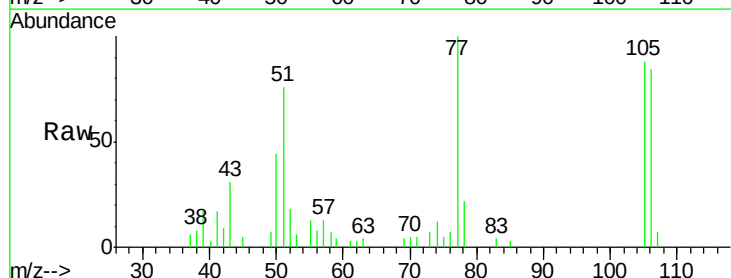
Tgt Ion: 77 Resp: 17059

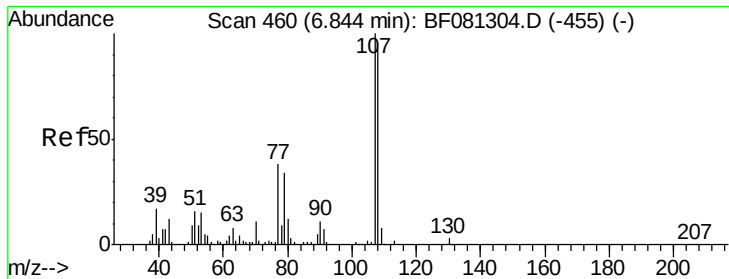
Ion Ratio Lower Upper

77 100

105 87.7 91.6 131.6#

106 84.2 102.6 142.6#





#20

3+4-Methylphenols

Concen: 14.59 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

Instrument :

BNA_F

ClientSampled :

EFFWW

Tgt Ion:107 Resp: 50883

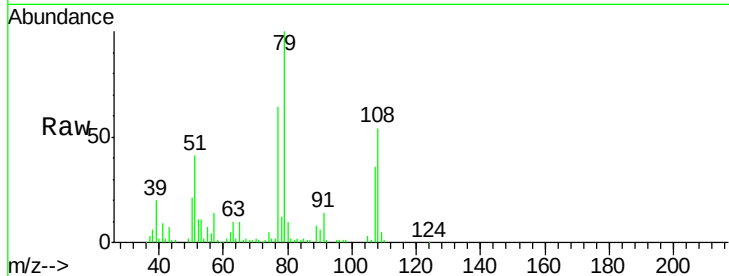
Ion Ratio Lower Upper

107 100

108 151.6 74.6 114.6#

77 178.9 0.7 40.7#

79 281.4 0.0 38.9#



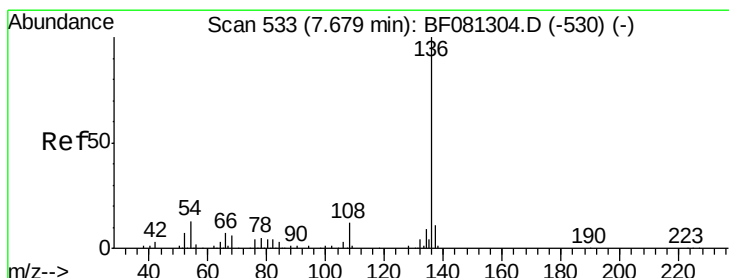
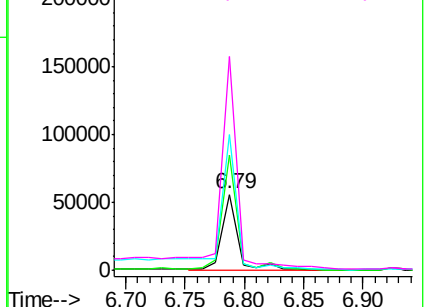
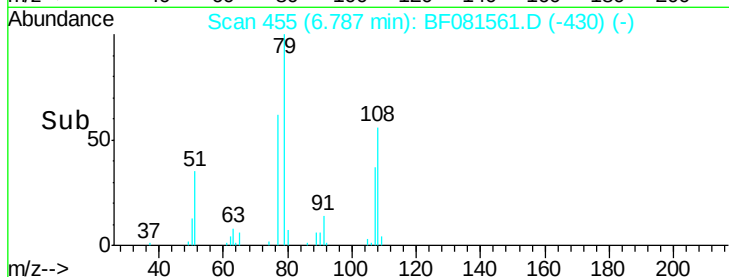
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.02 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

Tgt Ion:136 Resp: 165068

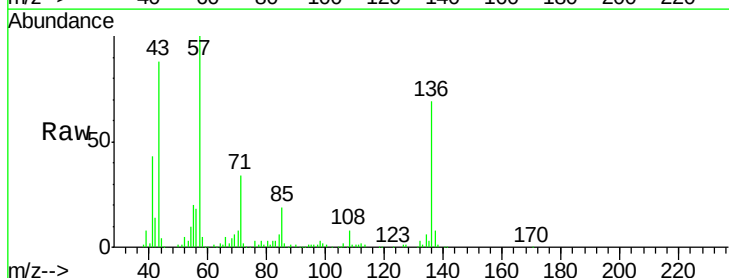
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 14.1 8.2 12.2#

68 6.2 5.8 8.6



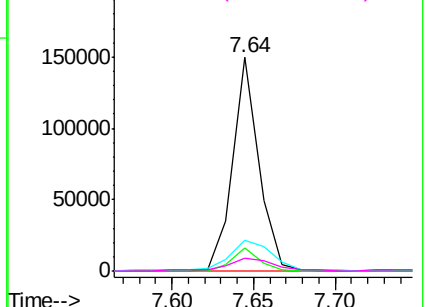
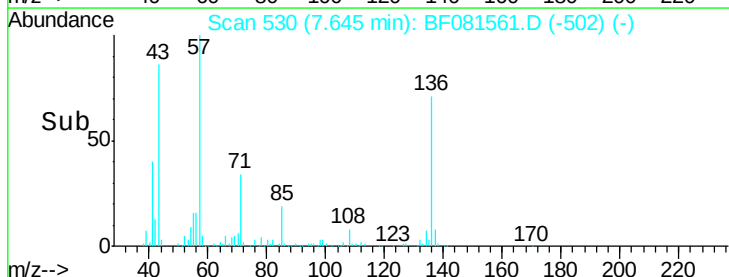
Abundance

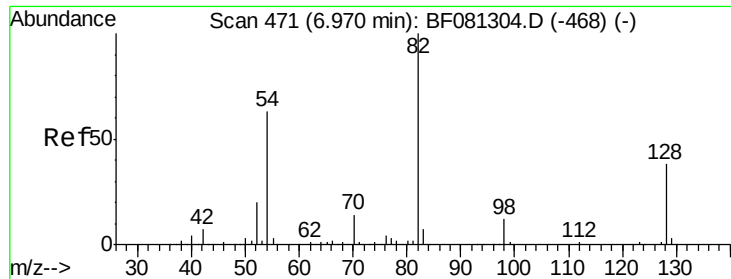
Ion 136.00 (135.70 to 136.70): E

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

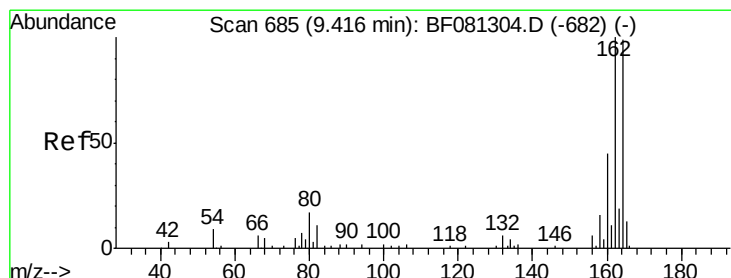
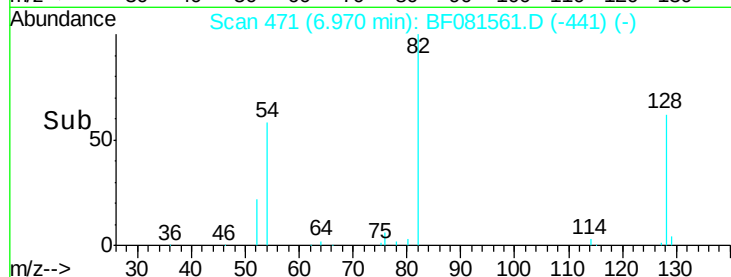
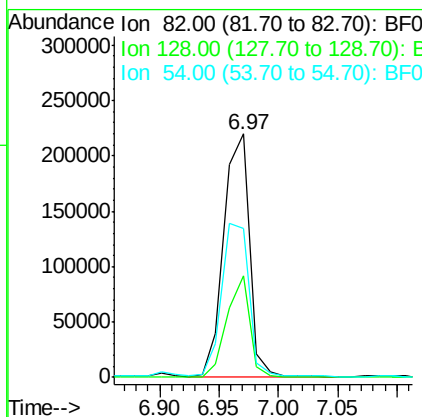
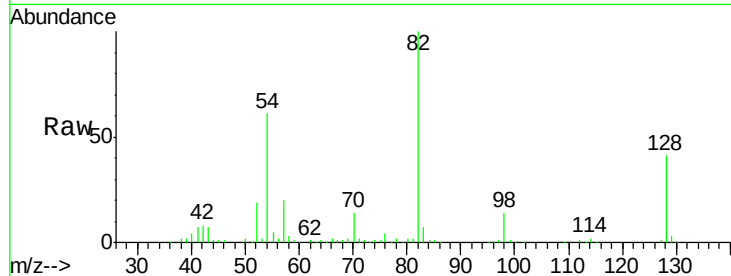




#23
 Nitrobenzene-d5
 Concen: 96.46 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.05 min
 Lab File: BF081561.D
 Acq: 9 Sep 2015 19:41

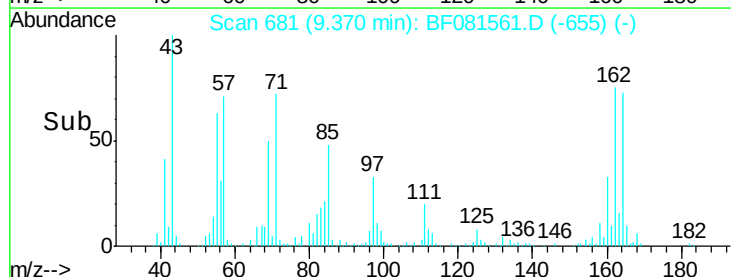
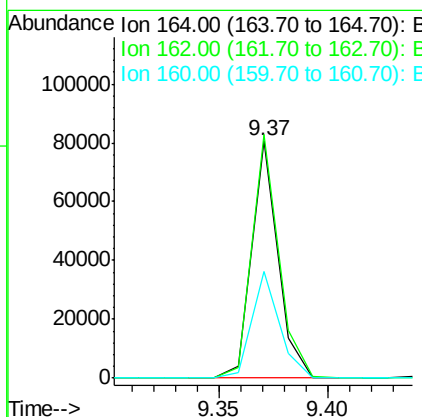
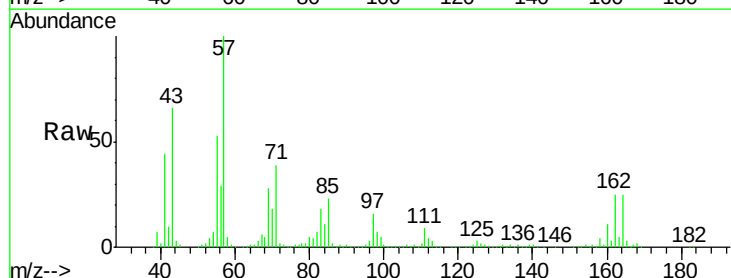
Instrument :
 BNA_F
 ClientSampled :
 EFFWW

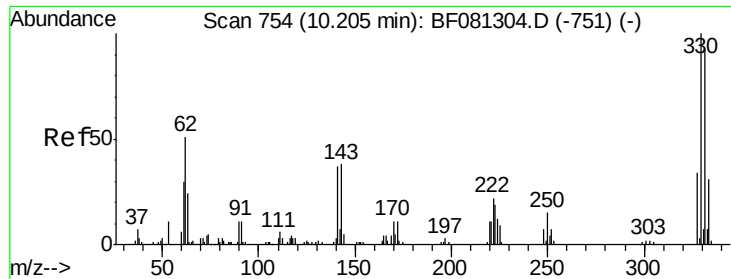
Tgt Ion: 82 Resp: 330025
 Ion Ratio Lower Upper
 82 100
 128 41.5 51.0 76.6#
 54 61.1 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF081561.D
 Acq: 9 Sep 2015 19:41

Tgt Ion: 164 Resp: 67751
 Ion Ratio Lower Upper
 164 100
 162 102.4 75.2 112.8
 160 45.0 31.5 47.3

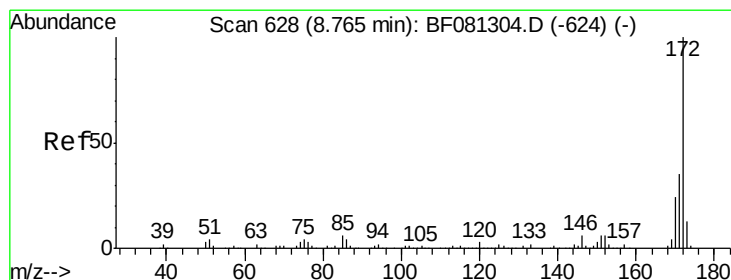
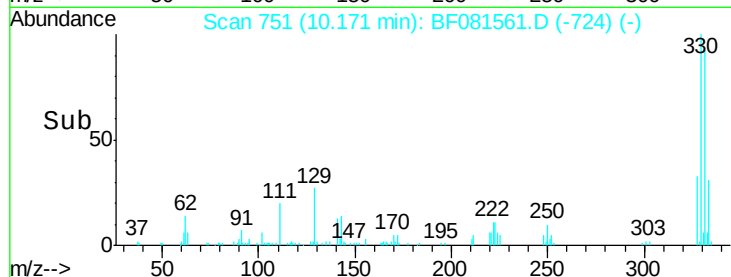
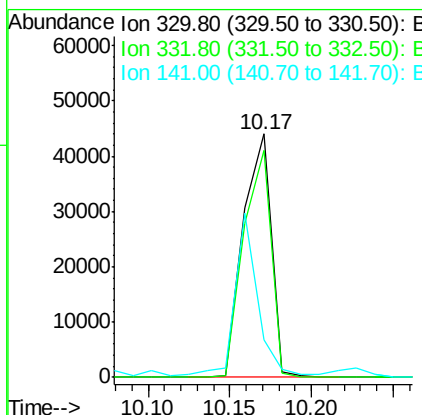
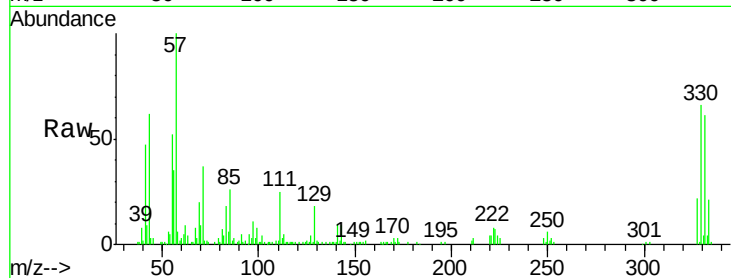




#41
 2,4,6-Tribromophenol
 Concen: 86.78 ng
 RT: 10.17 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF081561.D
 Acq: 9 Sep 2015 19:41

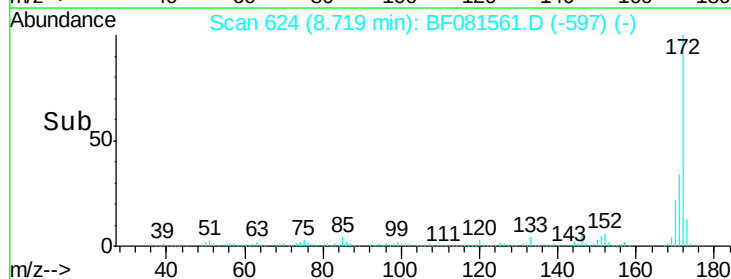
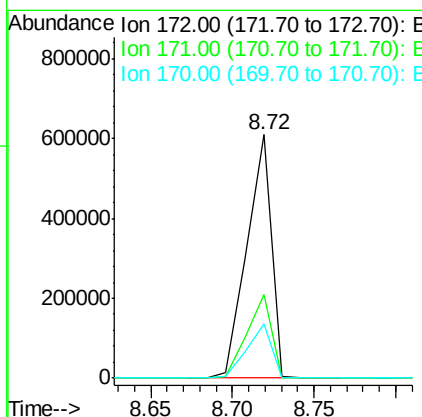
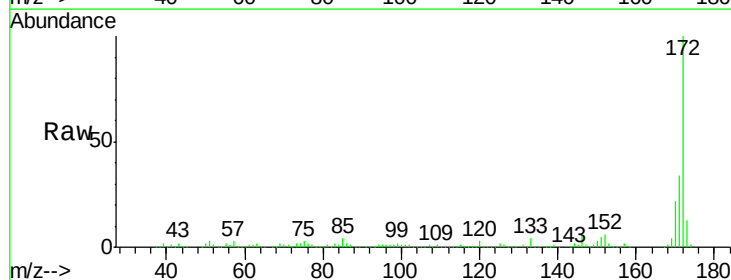
Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

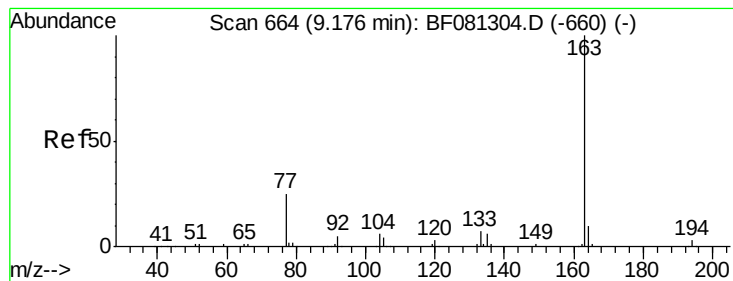
Tgt Ion:330 Resp: 52351
 Ion Ratio Lower Upper
 330 100
 332 91.9 76.6 114.8
 141 55.7 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 119.62 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: BF081561.D
 Acq: 9 Sep 2015 19:41

Tgt Ion:172 Resp: 632417
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.1 39.1
 170 22.4 17.4 26.2





#49

Dimethylphthalate

Concen: 3.59 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

Instrument :

BNA_F

ClientSampleId :

EFFWW

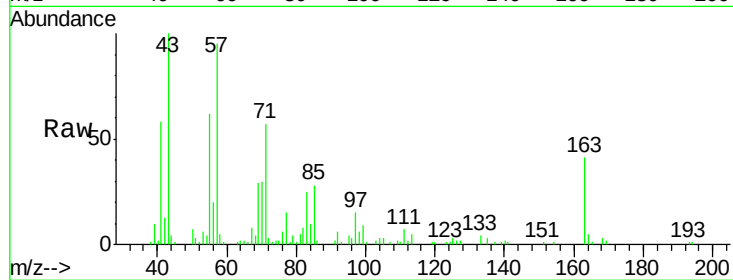
Tgt Ion:163 Resp: 18921

Ion Ratio Lower Upper

163 100

194 2.8 4.4 6.6#

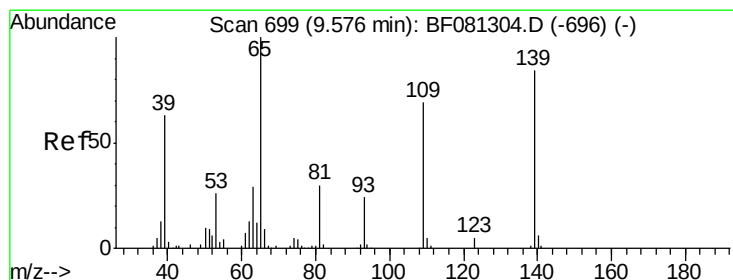
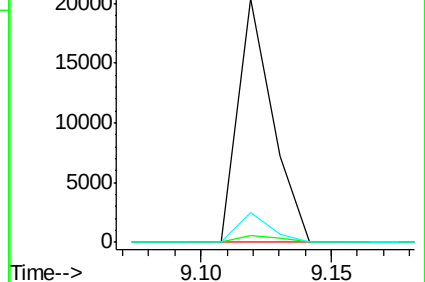
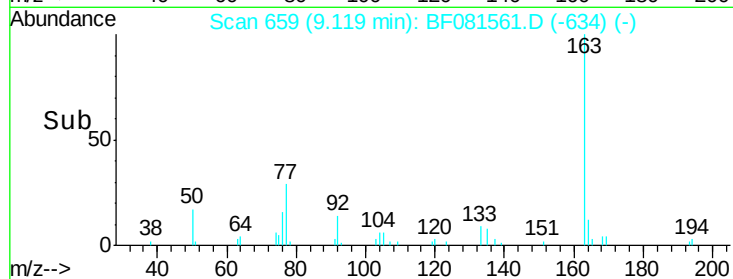
164 12.0 8.3 12.5



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



#55

4-Nitrophenol

Concen: 12.64 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

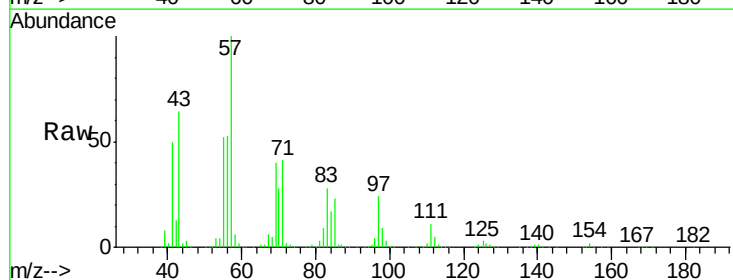
Tgt Ion:139 Resp: 10800

Ion Ratio Lower Upper

139 100

109 44.9 12.7 52.7

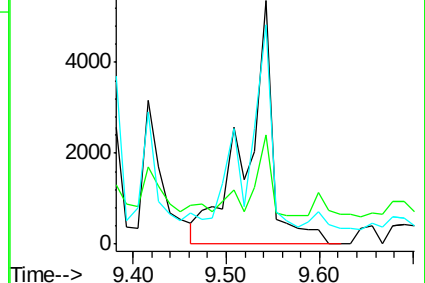
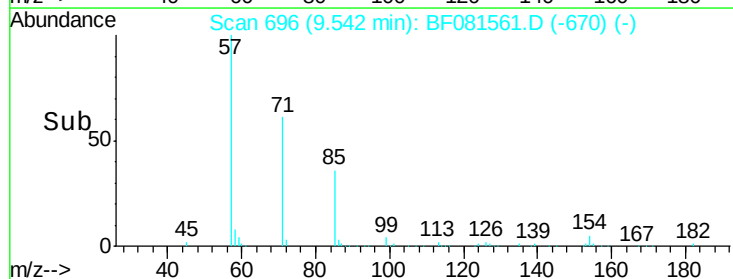
65 90.3 45.9 85.9#

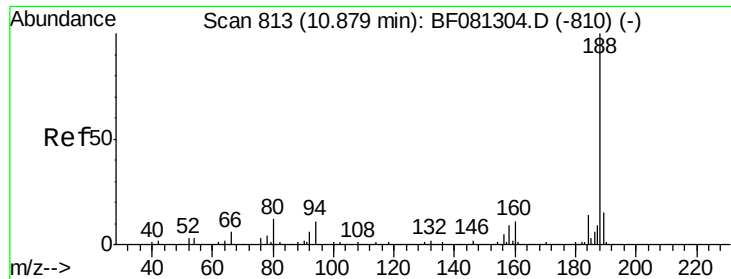


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

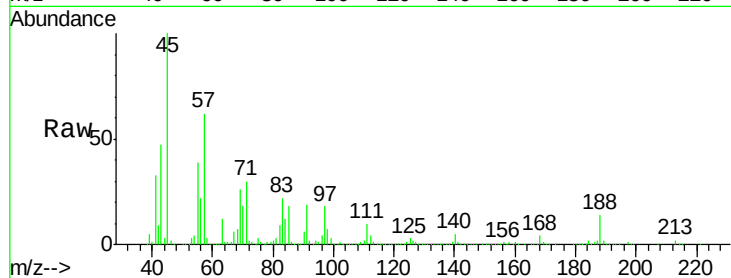




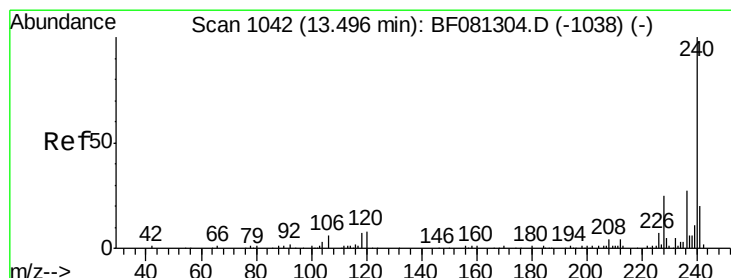
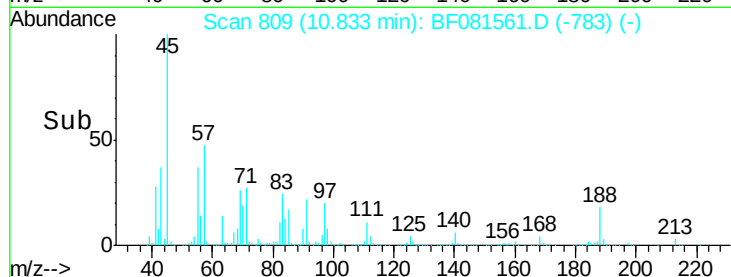
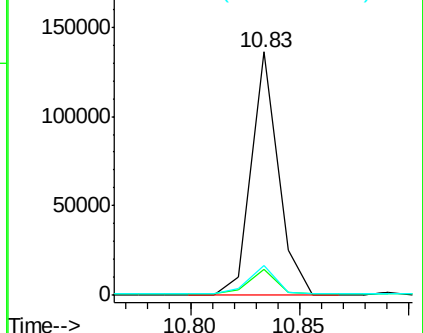
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF081561.D
Acq: 9 Sep 2015 19:41

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion:188 Resp: 118161
Ion Ratio Lower Upper
188 100
94 10.6 11.1 16.7#
80 12.4 11.0 16.4

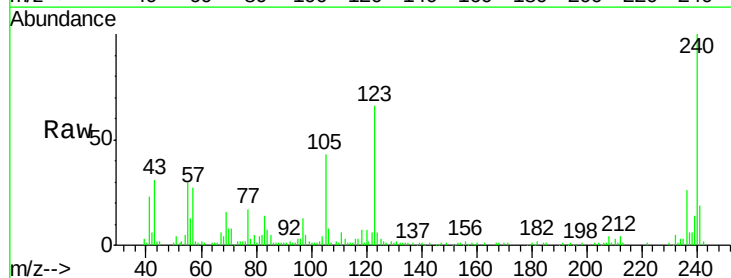


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

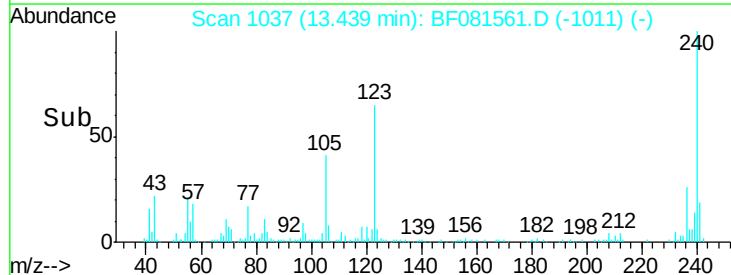
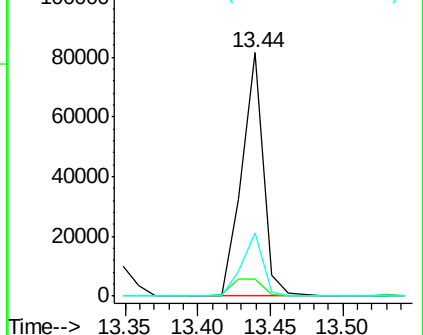


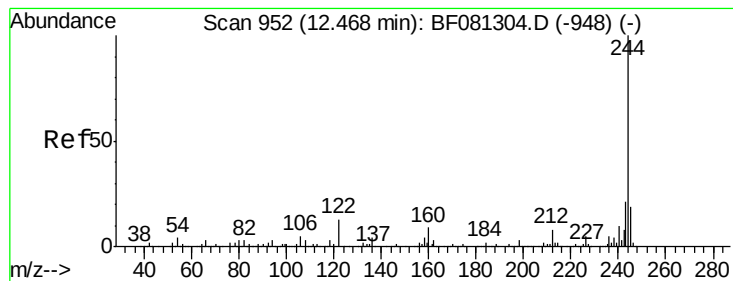
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.44 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF081561.D
Acq: 9 Sep 2015 19:41

Tgt Ion:240 Resp: 83980
Ion Ratio Lower Upper
240 100
120 7.0 16.2 24.2#
236 25.9 18.4 27.6



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: 107.22 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.01 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

Instrument :

BNA_F

ClientSampleId :

EFFWW

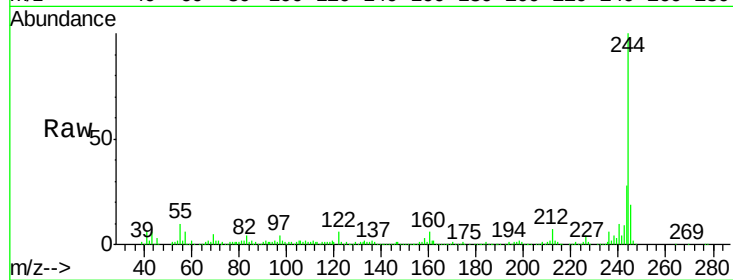
Tgt Ion:244 Resp: 386804

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

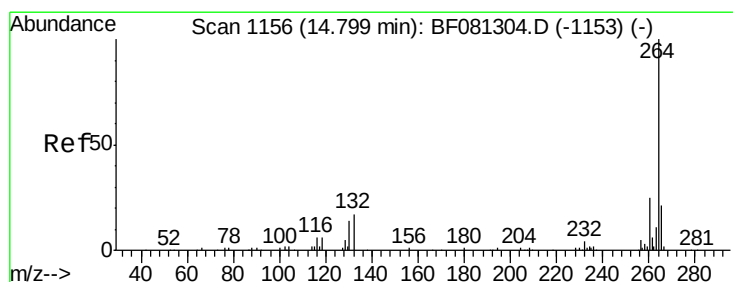
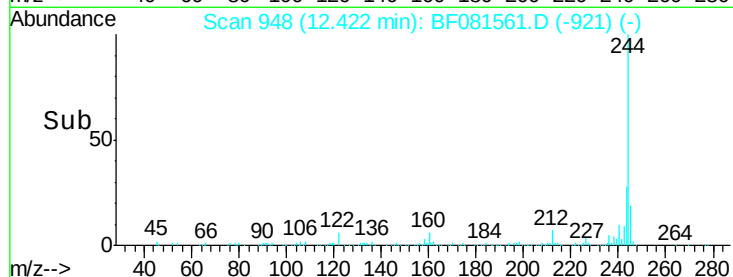
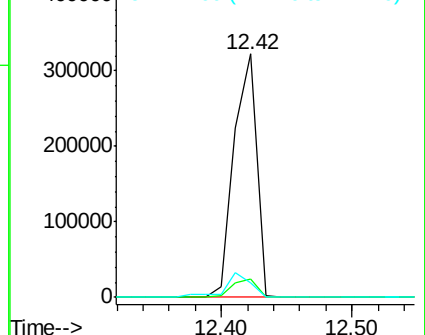
122 5.7 17.4 26.2#



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: 14.74 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF081561.D

Acq: 9 Sep 2015 19:41

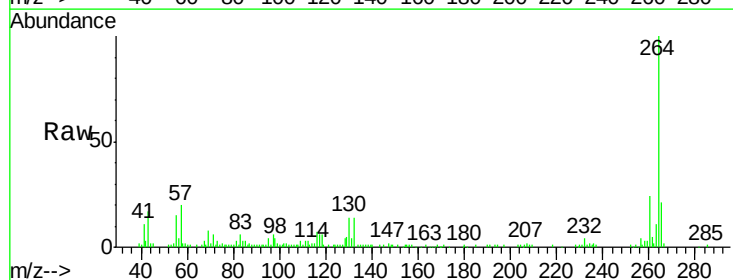
Tgt Ion:264 Resp: 72381

Ion Ratio Lower Upper

264 100

260 23.6 16.7 25.1

265 21.4 17.2 25.8



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

