

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082279.D
 Acq On : 14 Oct 2015 15:01
 Operator : UM/IZ
 Sample : G4015-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-1

Quant Time: Oct 15 01:45:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

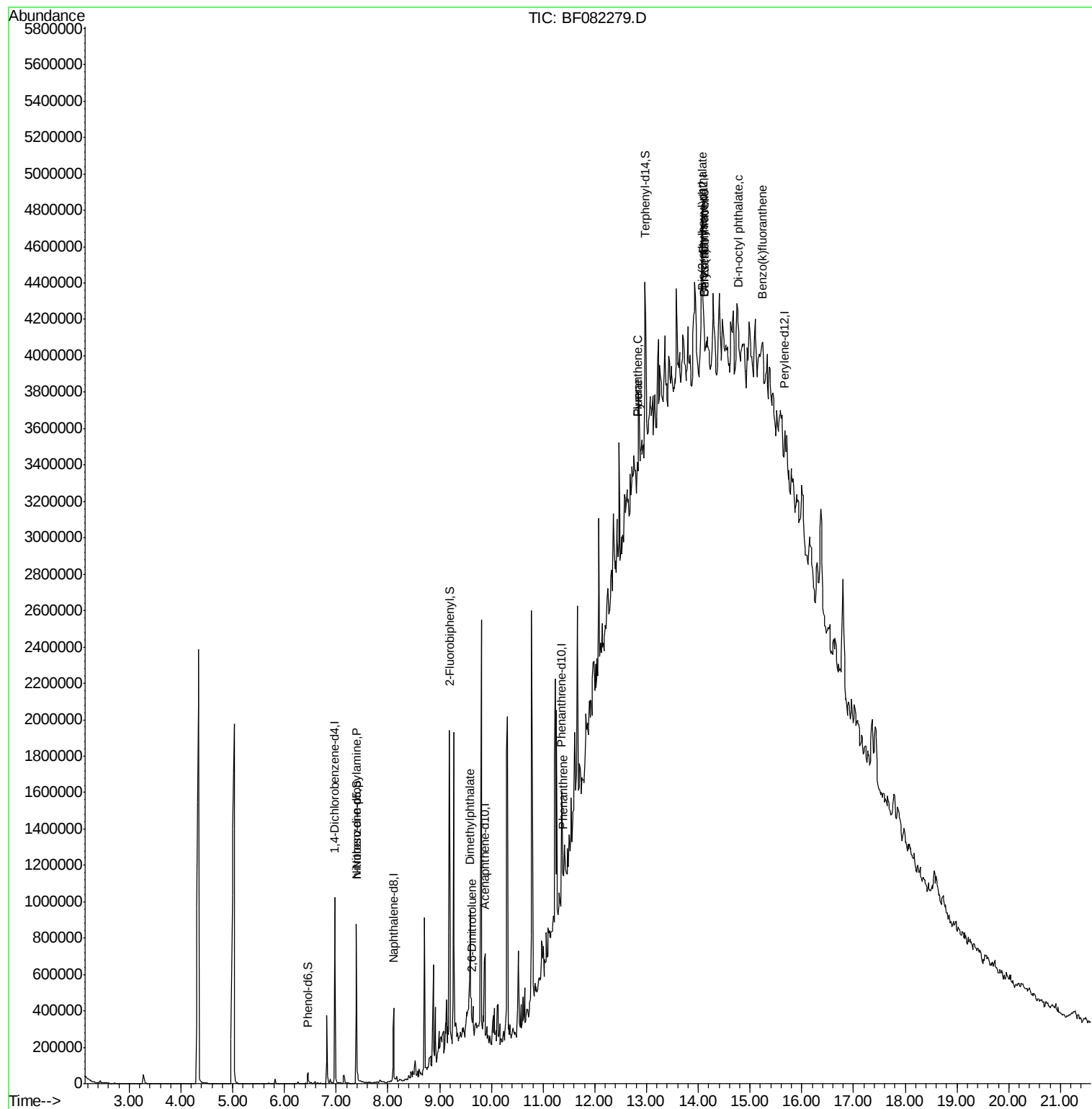
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	220328	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	267566	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	134077	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	230723	20.00	ng	0.00
75) Chrysene-d12	14.09	240	133712	20.00	ng	-0.03
86) Perylene-d12	15.67	264	135111	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	717	0.07	ng	0.02
7) Phenol-d6	6.46	99	44557	3.14	ng	-0.01
23) Nitrobenzene-d5	7.39	82	351522	88.23	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.19	172	634962	78.54	ng	-0.01
78) Terphenyl-d14	12.97	244	449598	89.10	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	45523	4.56	ng	# 78
49) Dimethylphthalate	9.59	163	92396	9.79	ng	99
50) 2,6-Dinitrotoluene	9.62	165	6300	3.16	ng	# 30
55) 4-Nitrophenol	10.07	139	825	Below Cal		# 1
70) Phenanthrene	11.38	178	30078	2.66	ng	# 87
74) Fluoranthene	12.82	202	32773	2.70	ng	67
77) Pyrene	12.82	202	37081	4.67	ng	# 77
80) Benzo(a)anthracene	14.12	228	24214	3.48	ng	# 47
82) Chrysene	14.12	228	24344	3.32	ng	# 52
83) Bis(2-ethylhexyl)phthalate	14.08	149	564359	109.23	ng	# 96
84) Di-n-octyl phthalate	14.78	149	30343	3.42	ng	# 78
88) Benzo(k)fluoranthene	15.24	252	16379	2.37	ng	# 1

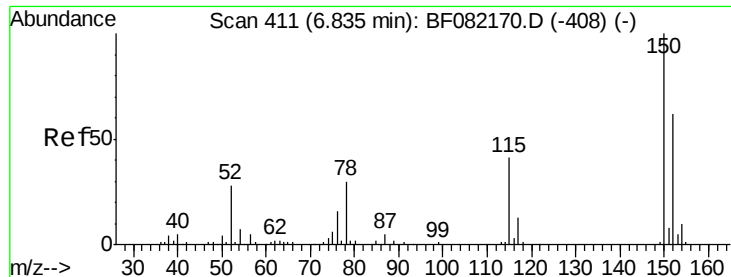
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
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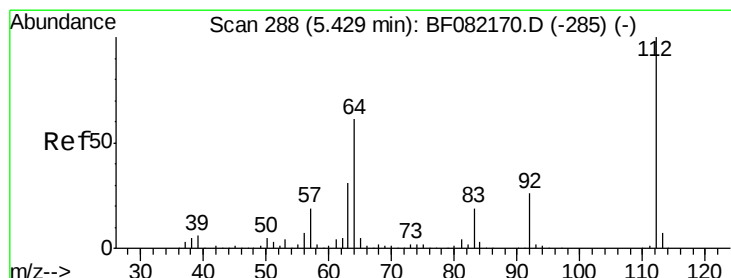
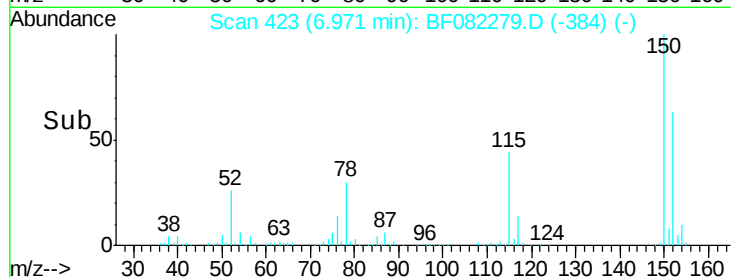
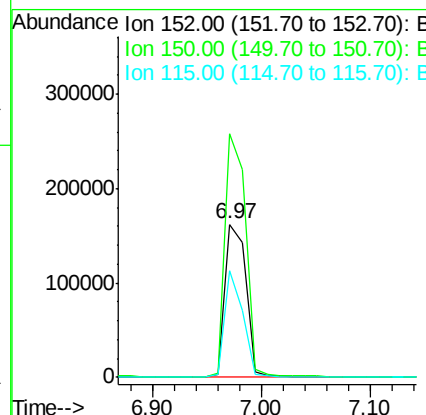
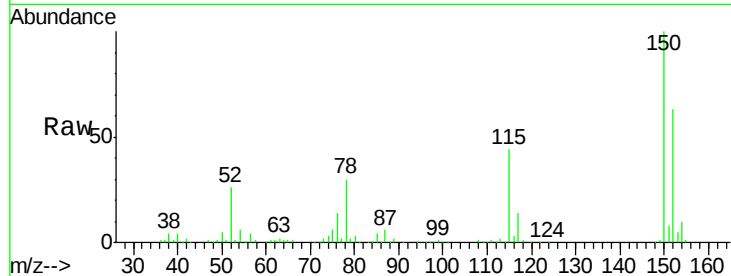


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 423
Delta R.T. 0.15 min
Lab File: BF082279.D
Acq: 14 Oct 2015 15:01

Instrument :
BNA_F
ClientSampleId :
CF-1

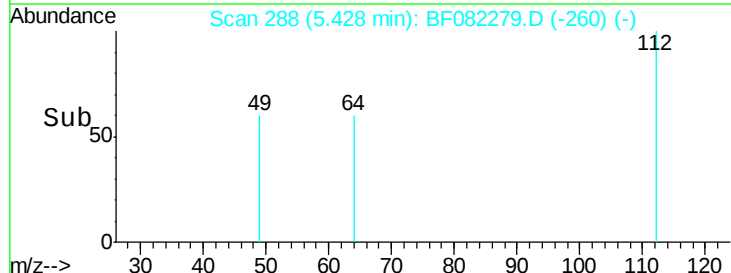
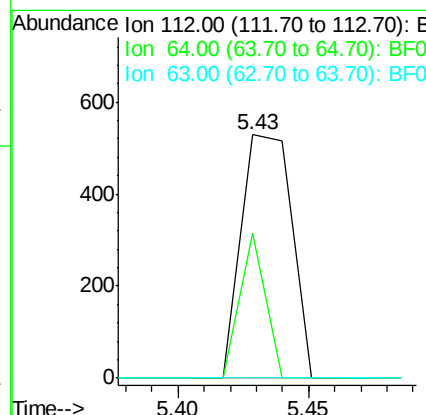
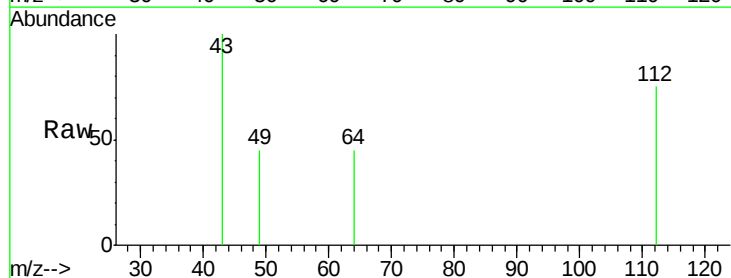
Tot Ion:152 Resp: 220328
Ion Ratio Lower Upper
152 100
150 158.8 129.0 193.4
115 69.2 52.1 78.1

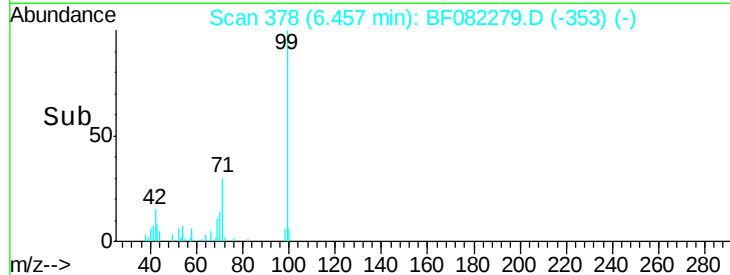
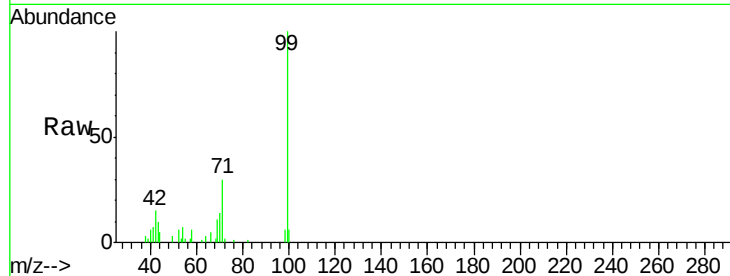


#5

2-Fluorophenol
Concen: 0.07 ng
RT: 5.43 min Scan# 288
Delta R.T. 0.02 min
Lab File: BF082279.D
Acq: 14 Oct 2015 15:01

Tgt Ion:112 Resp: 717
Ion Ratio Lower Upper
112 100
64 59.7 48.6 73.0
63 0.0 25.1 37.7#





#7

Phenol-d6

Concen: 3.14 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Instrument :

BNA_F

ClientSampleId :

CF-1

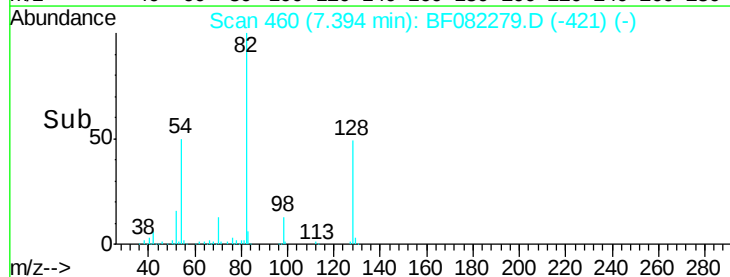
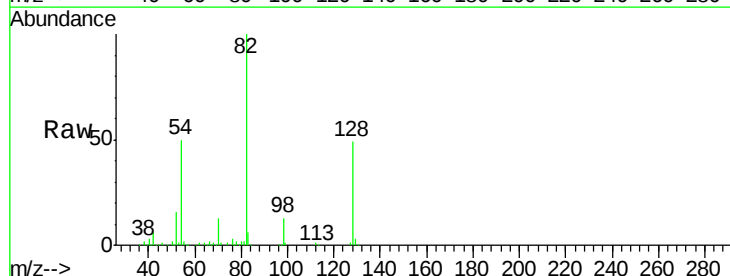
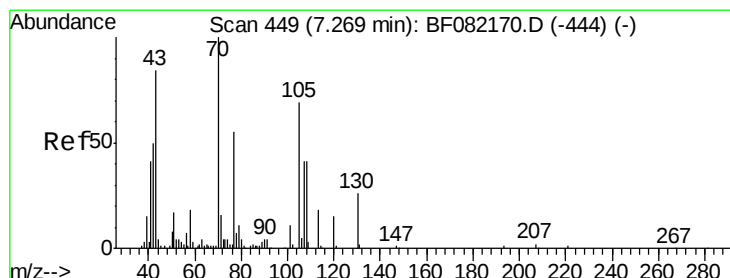
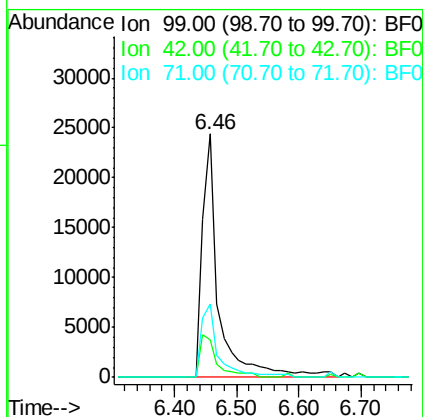
Tot Ion: 99 Resp: 44557

Ion Ratio Lower Upper

99 100

42 15.4 13.2 19.8

71 30.2 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.56 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Tgt Ion: 70 Resp: 45523

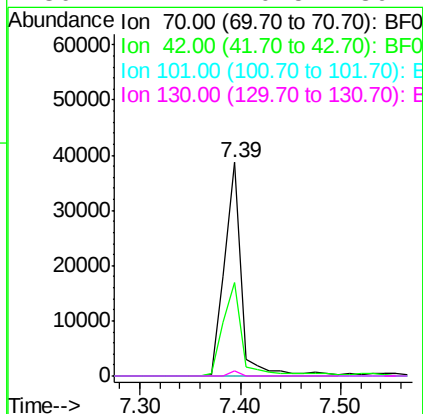
Ion Ratio Lower Upper

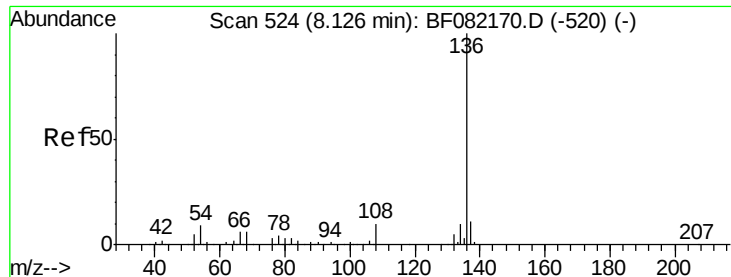
70 100

42 44.0 39.8 59.8

101 0.0 8.6 13.0#

130 2.7 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Instrument :

BNA_F

ClientSampleId :

CF-1

Tot Ion:136 Resp: 267566

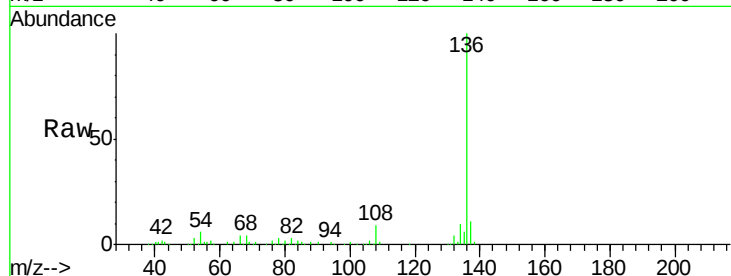
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.1 7.5 11.3#

68 4.1 4.6 7.0#

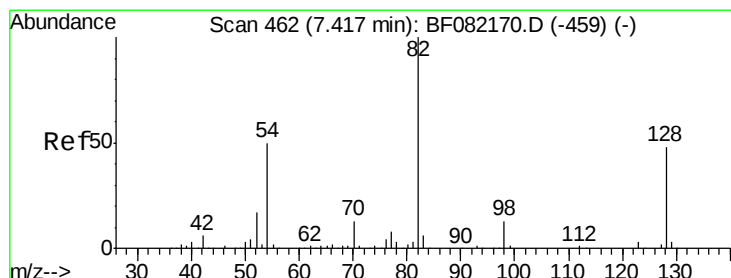
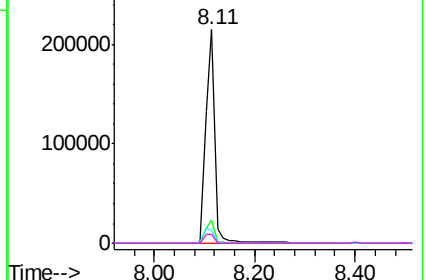
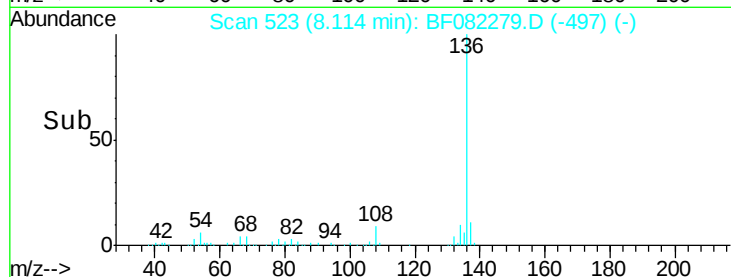


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.23 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

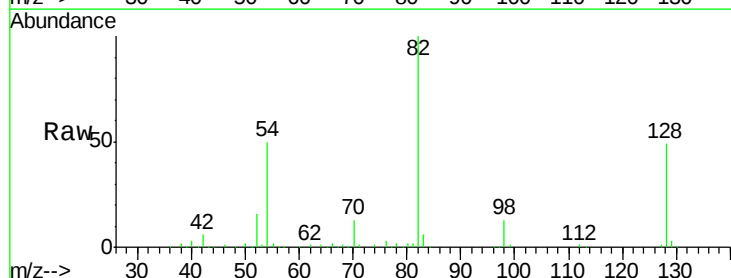
Tgt Ion: 82 Resp: 351522

Ion Ratio Lower Upper

82 100

128 48.7 38.7 58.1

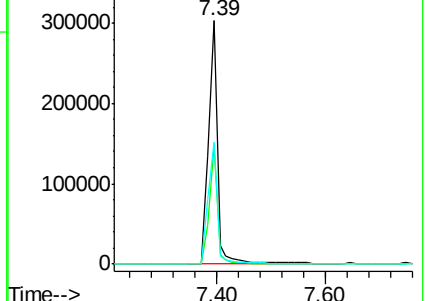
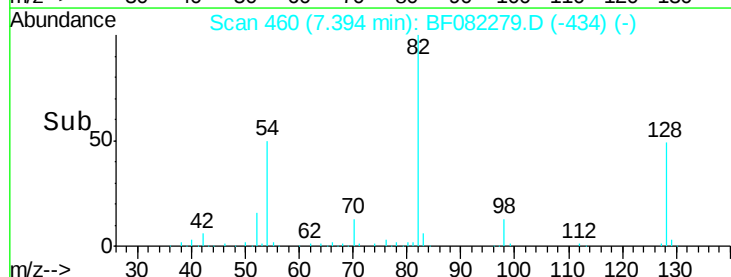
54 49.9 40.1 60.1

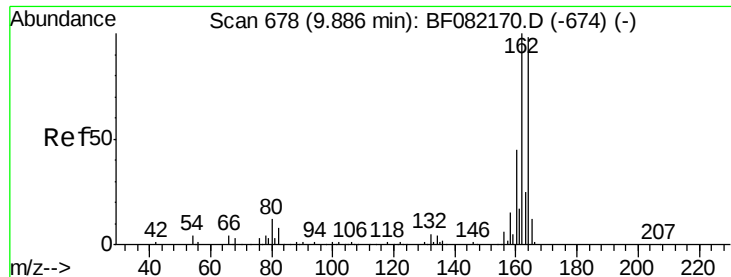


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Instrument :

BNA_F

ClientSampleId :

CF-1

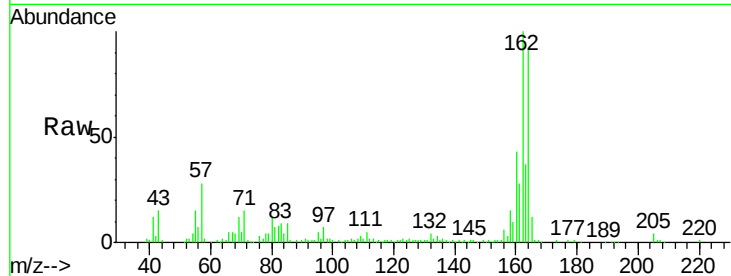
Tot Ion:164 Resp: 134077

Ion Ratio Lower Upper

164 100

162 108.4 81.6 122.4

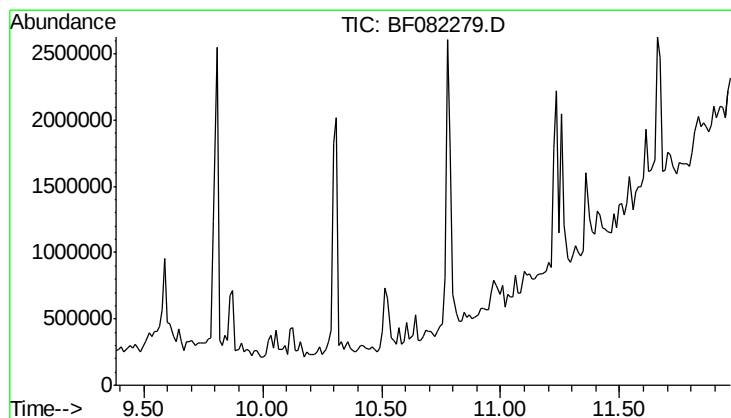
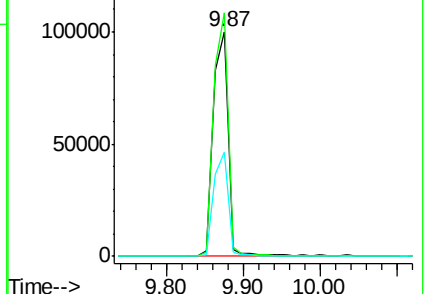
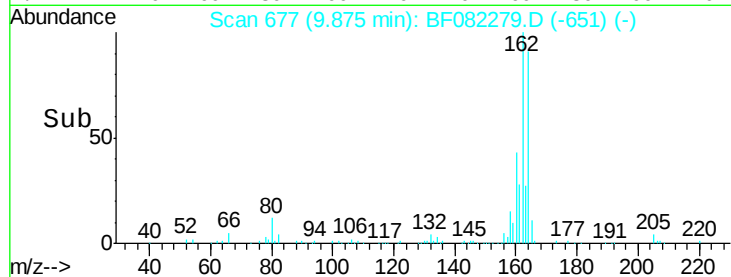
160 46.5 36.4 54.6



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: 0.00 ng

Expected RT: 10.67 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

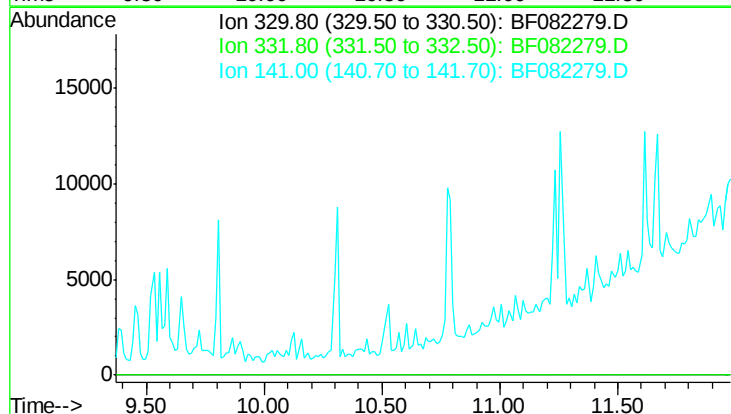
Tgt Ion: 330

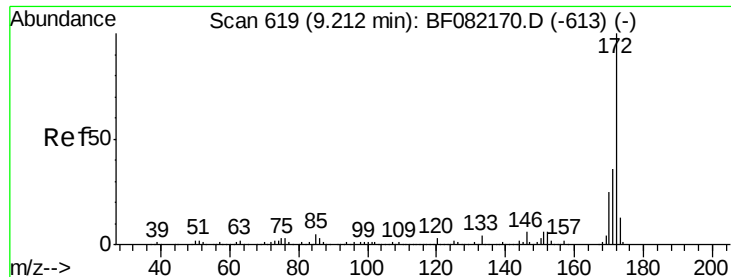
Sig Exp Ratio

330 100

332 96.4

141 37.3

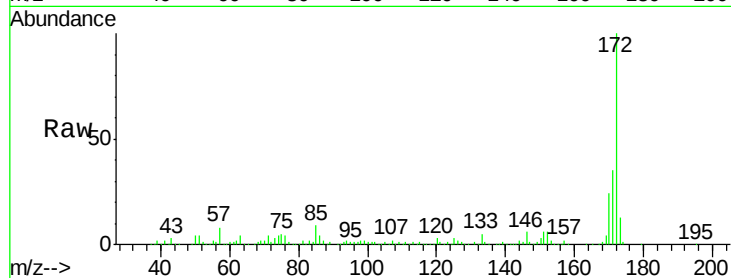




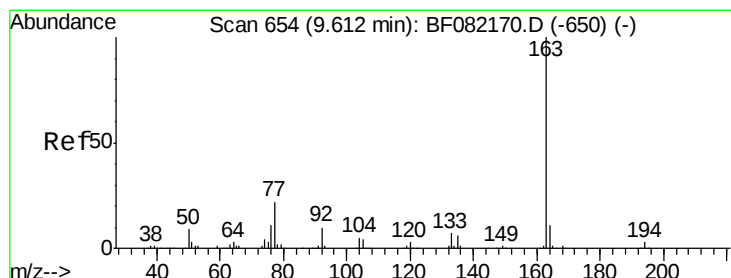
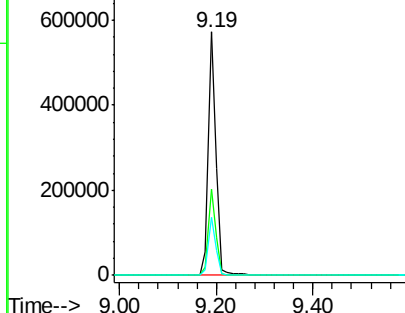
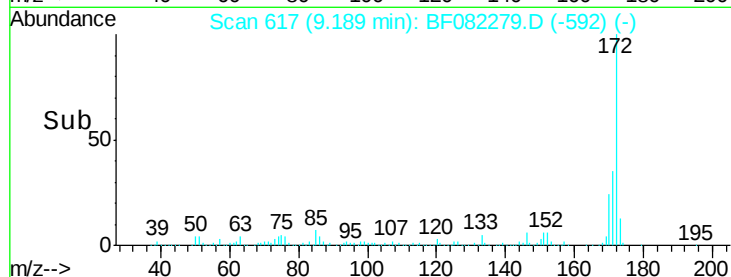
#44
2-Fluorobiphenyl
Concen: 78.54 ng
RT: 9.19 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF082279.D
Acq: 14 Oct 2015 15:01

Instrument :
BNA_F
ClientSampleId :
CF-1

Tot Ion:172 Resp: 634962
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.8 19.7 29.5

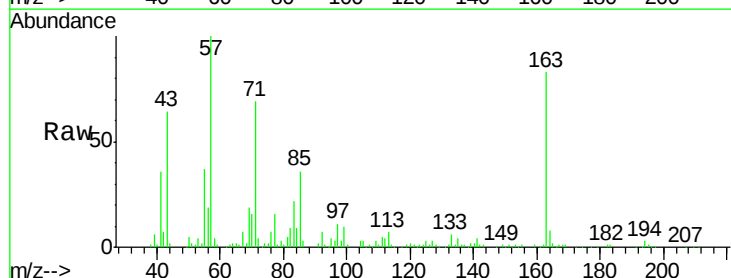


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

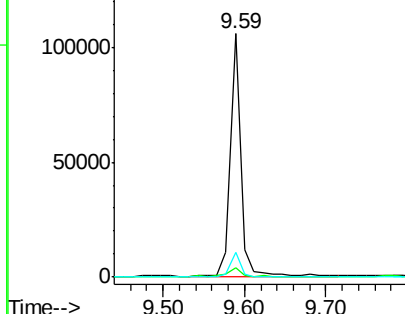
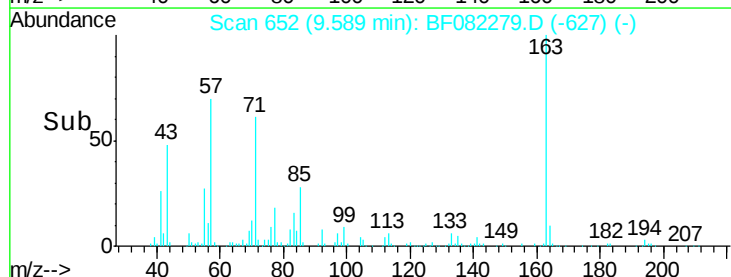


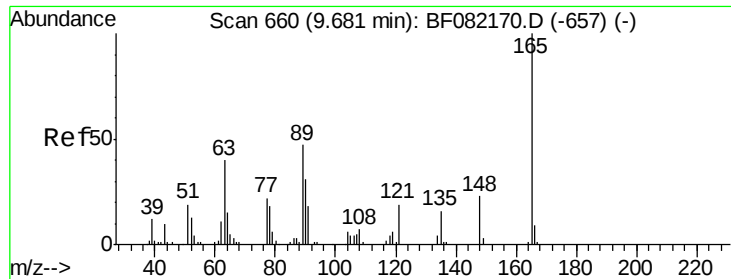
#49
Dimethylphthalate
Concen: 9.79 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF082279.D
Acq: 14 Oct 2015 15:01

Tgt Ion:163 Resp: 92396
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.0 8.5 12.7



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

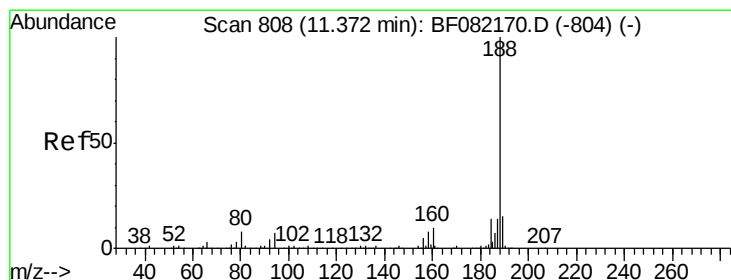
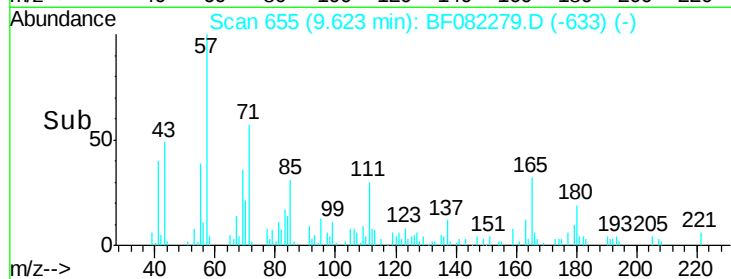
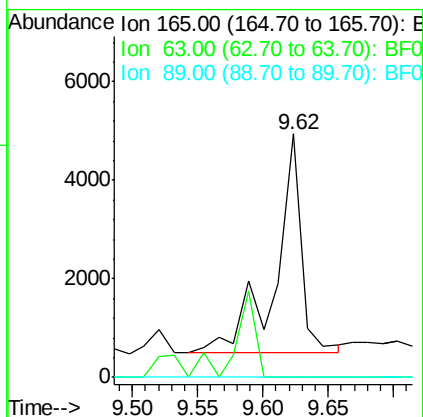
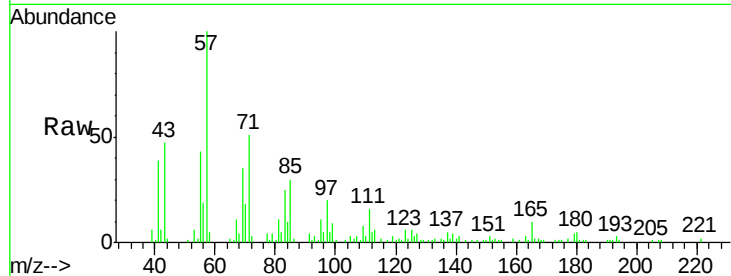




#50
 2,6-Dinitrotoluene
 Concen: 3.16 ng
 RT: 9.62 min Scan# 655
 Delta R.T. -0.05 min
 Lab File: BF082279.D
 Acq: 14 Oct 2015 15:01

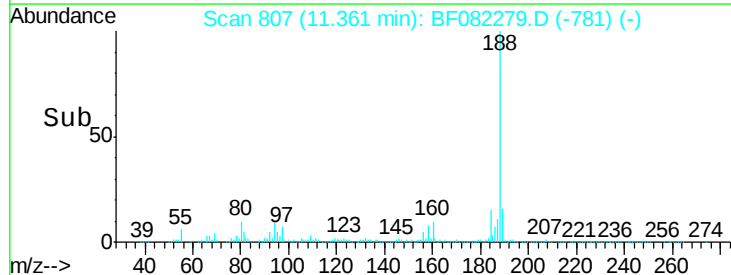
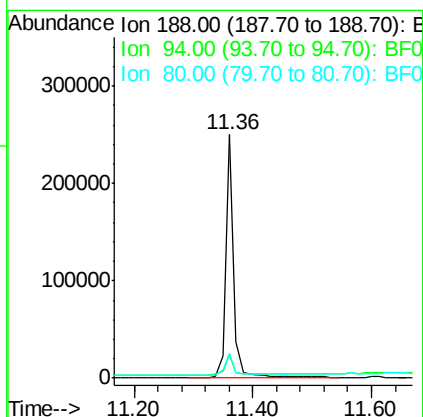
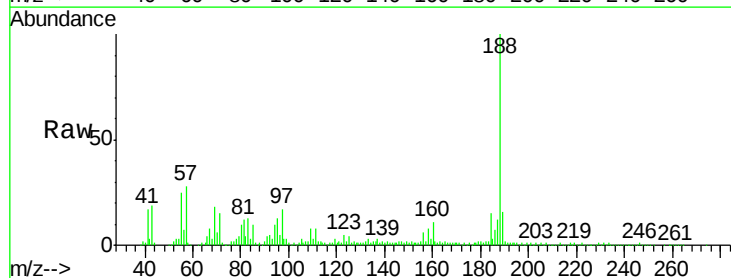
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 ClientSampleId :
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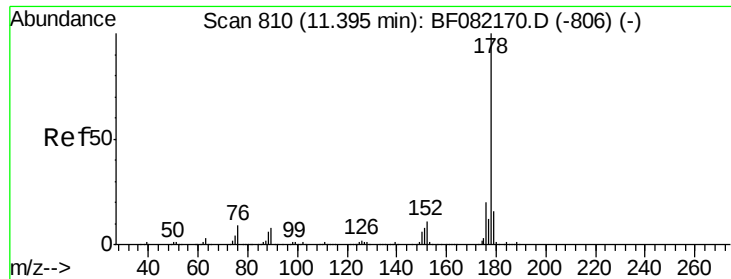
Tot Ion:165 Resp: 6300
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.7 55.1#
 89 0.0 37.8 56.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF082279.D
 Acq: 14 Oct 2015 15:01

Tgt Ion:188 Resp: 230723
 Ion Ratio Lower Upper
 188 100
 94 9.7 5.8 8.6#
 80 10.3 6.4 9.6#





#70

Phenanthrene

Concen: 2.66 ng

RT: 11.38 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Instrument :

BNA_F

ClientSampleId :

CF-1

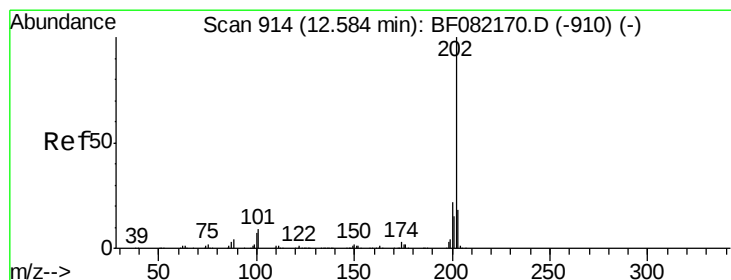
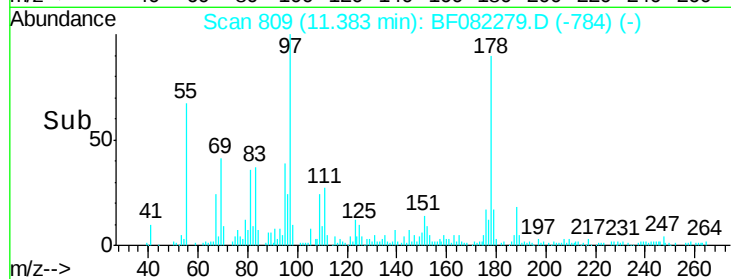
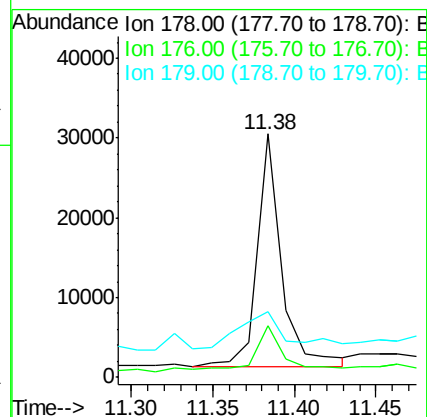
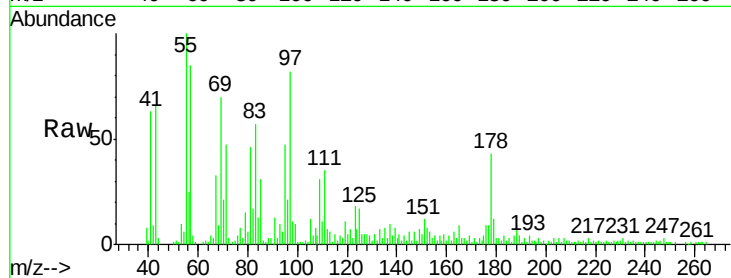
Tot Ion:178 Resp: 30078

Ion Ratio Lower Upper

178 100

176 21.0 16.0 24.0

179 27.2 12.6 19.0#



#74

Fluoranthene

Concen: 2.70 ng

RT: 12.82 min Scan# 935

Delta R.T. 0.24 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

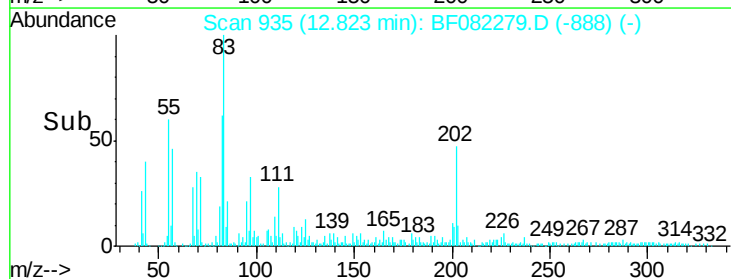
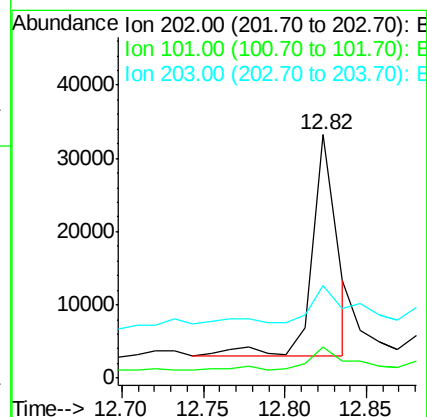
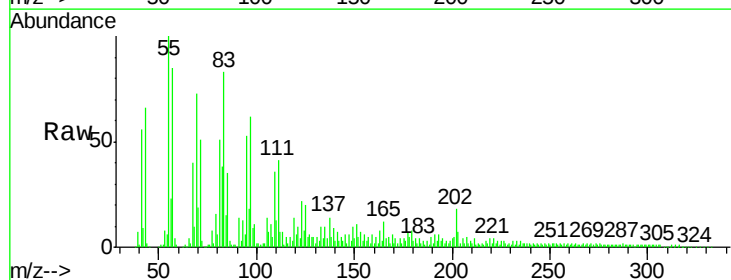
Tgt Ion:202 Resp: 32773

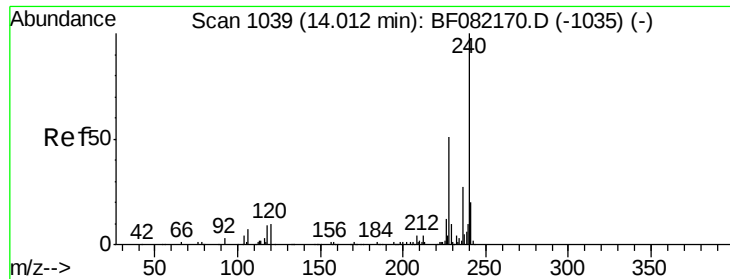
Ion Ratio Lower Upper

202 100

101 12.8 0.0 29.3

203 37.8 0.0 37.8

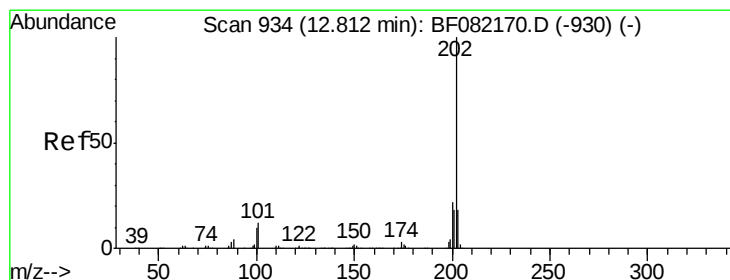
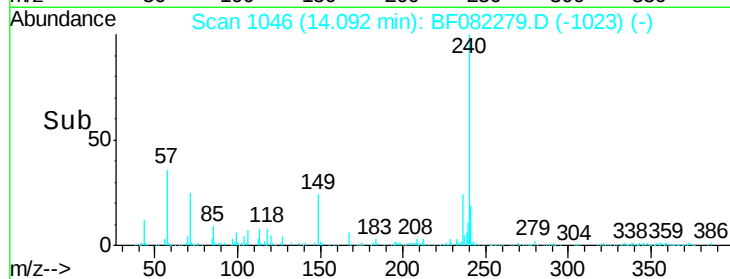
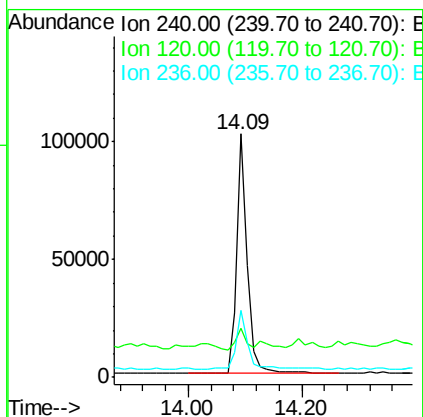
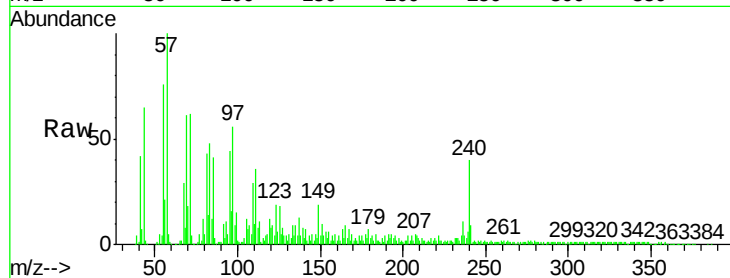




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF082279.D
 Acq: 14 Oct 2015 15:01

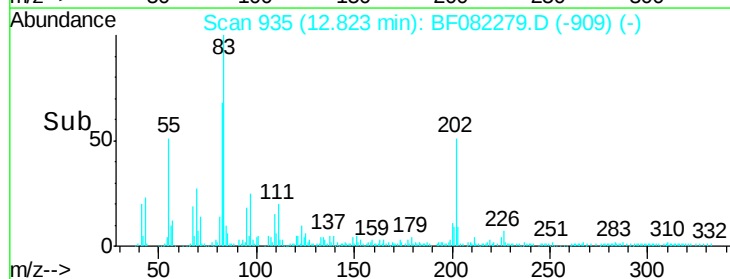
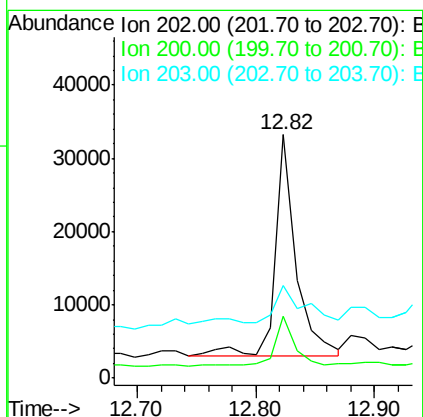
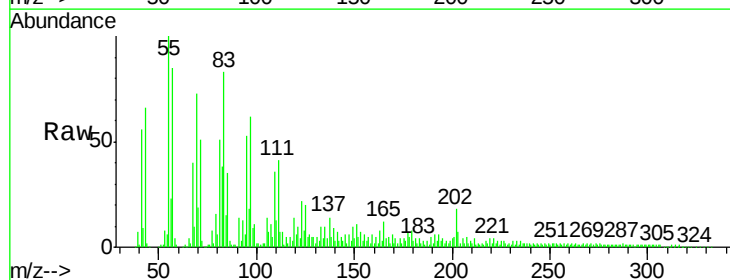
Instrument :
 BNA_F
 ClientSampled :
 CF-1

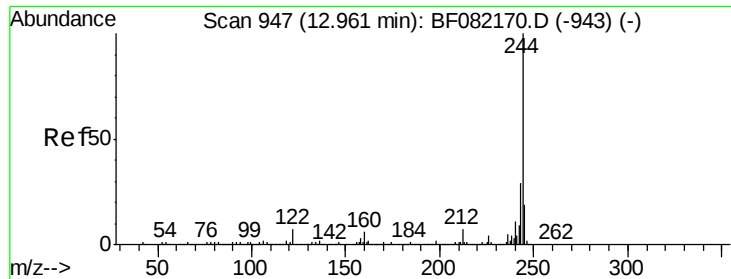
Tot Ion	Ratio	Lower	Upper
240	100		
120	20.0	8.1	12.1#
236	27.5	21.3	31.9



#77
 Pyrene
 Concen: 4.67 ng
 RT: 12.82 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF082279.D
 Acq: 14 Oct 2015 15:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.3	17.9	26.9
203	37.8	14.5	21.7#





#78

Terphenyl-d14

Concen: 89.10 ng

RT: 12.97 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Instrument :

BNA_F

ClientSampleId :

CF-1

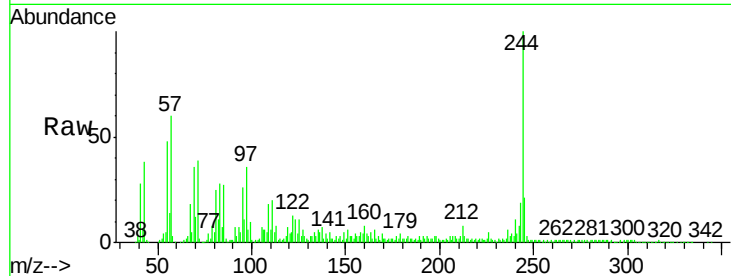
Tot Ion:244 Resp: 449598

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

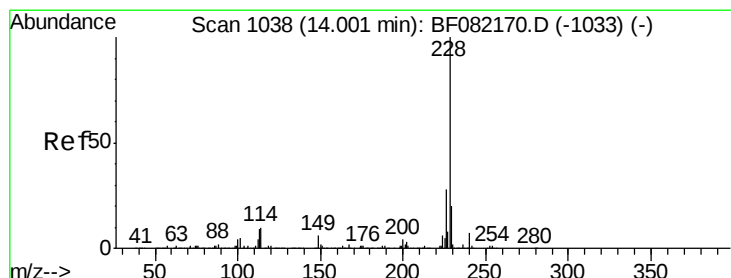
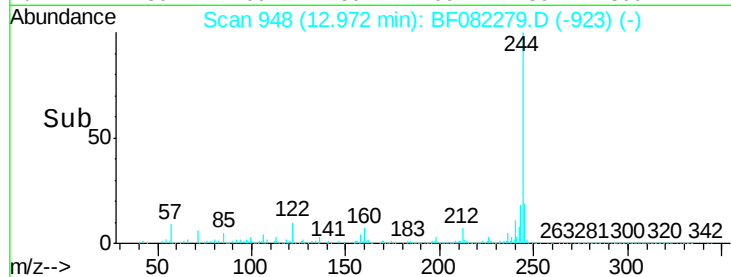
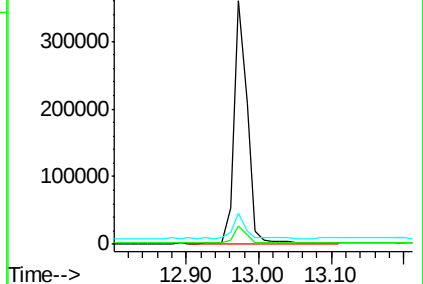
122 12.6 5.9 8.9#



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



#80

Benzo(a)anthracene

Concen: 3.48 ng

RT: 14.12 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

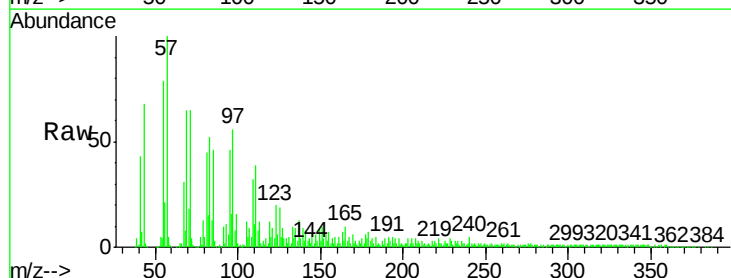
Tgt Ion:228 Resp: 24214

Ion Ratio Lower Upper

228 100

226 41.1 22.3 33.5#

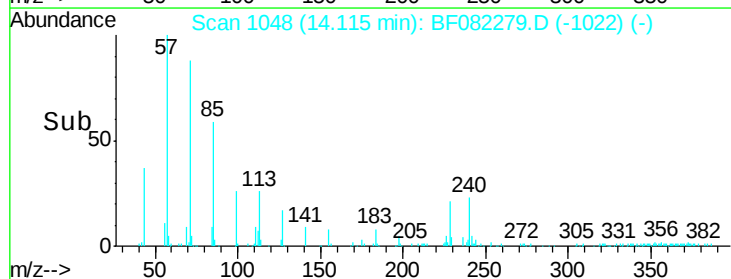
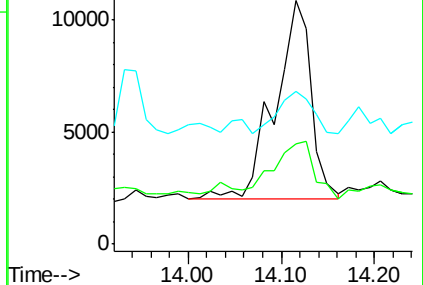
229 62.9 16.2 24.2#

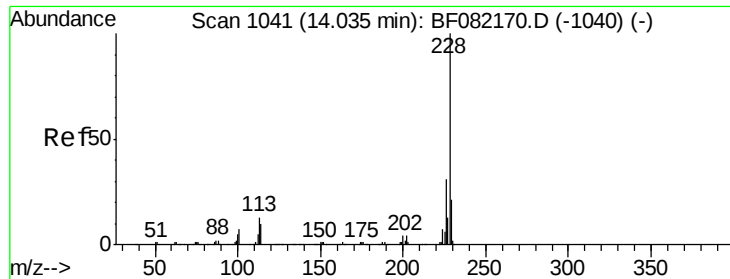


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 3.32 ng

RT: 14.12 min Scan# 1048

Delta R.T. -0.05 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Instrument :

BNA_F

ClientSampleId :

CF-1

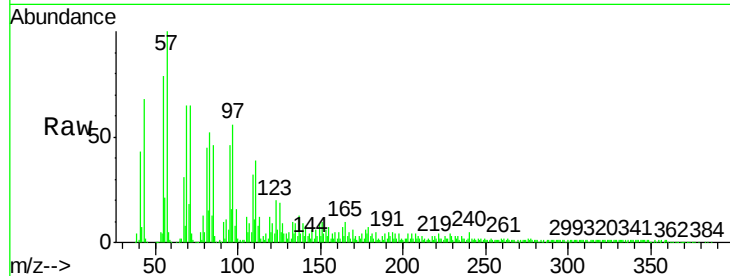
Tot Ion:228 Resp: 24344

Ion Ratio Lower Upper

228 100

226 41.1 24.4 36.6#

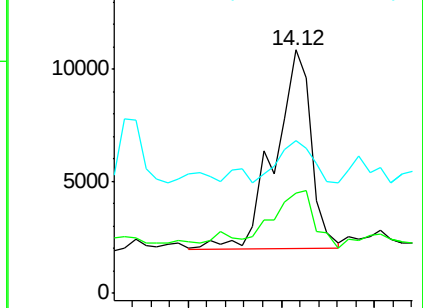
229 62.9 16.3 24.5#



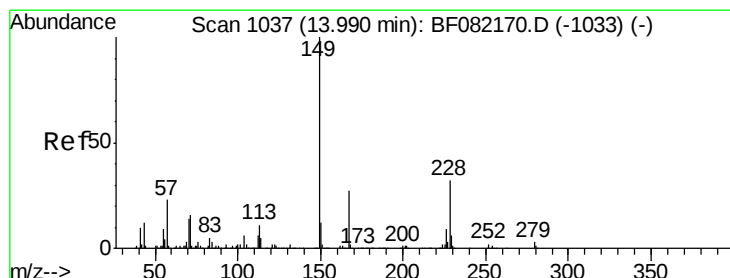
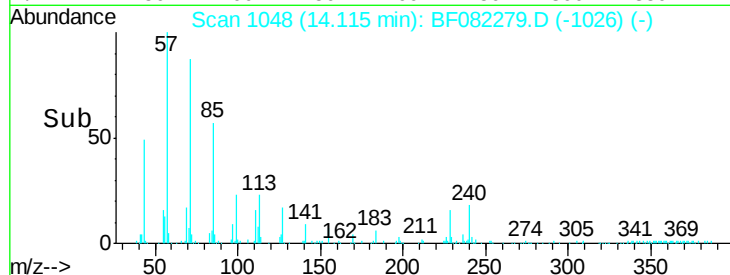
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 109.23 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

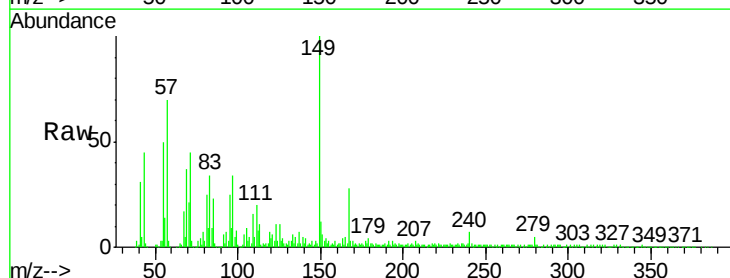
Tgt Ion:149 Resp: 564359

Ion Ratio Lower Upper

149 100

167 28.5 21.3 31.9

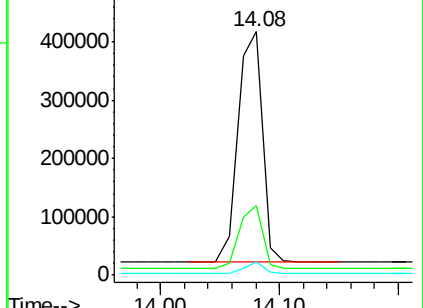
279 5.3 2.6 4.0#



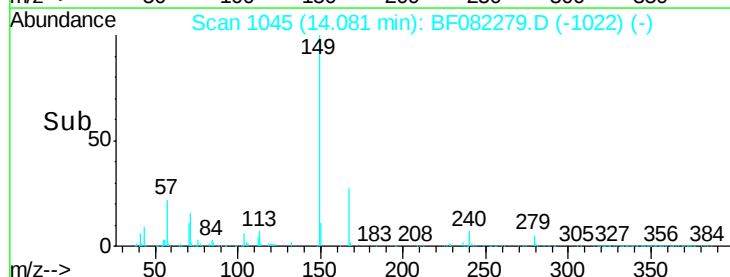
Abundance Ion 149.00 (148.70 to 149.70): E

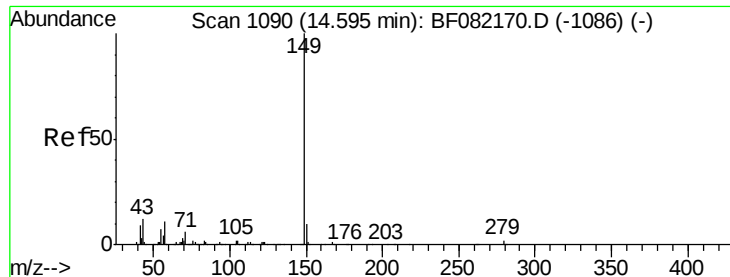
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#84

Di-n-octyl phthalate

Concen: 3.42 ng

RT: 14.78 min Scan# 1106

Delta R.T. -0.06 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Instrument :

BNA_F

ClientSampled :

CF-1

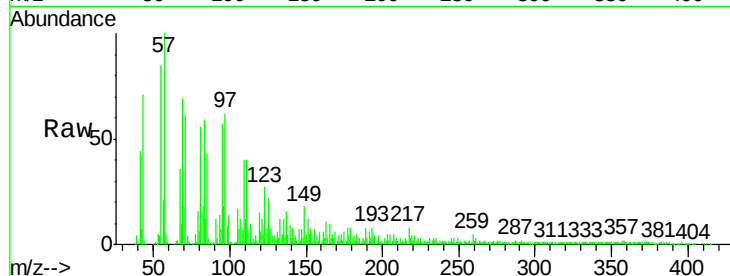
Tot Ion:149 Resp: 30343

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

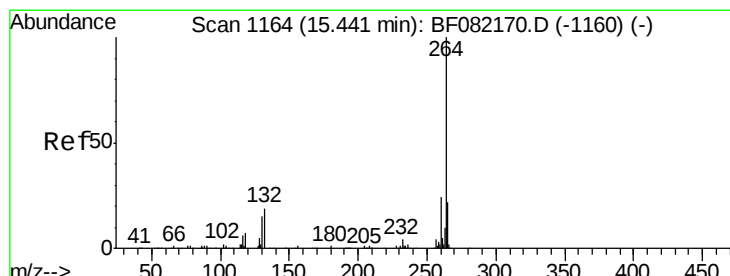
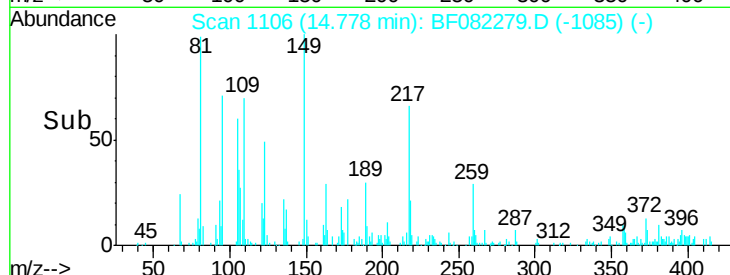
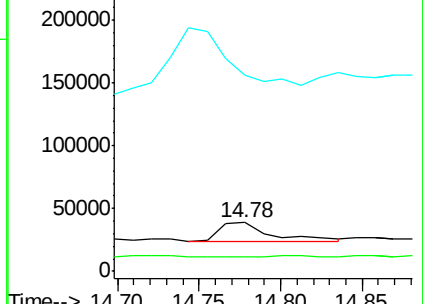
43 0.0 7.4 11.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.67 min Scan# 1184

Delta R.T. -0.07 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

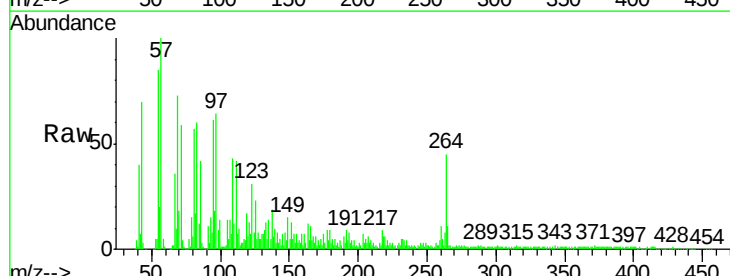
Tgt Ion:264 Resp: 135111

Ion Ratio Lower Upper

264 100

260 25.5 19.0 28.6

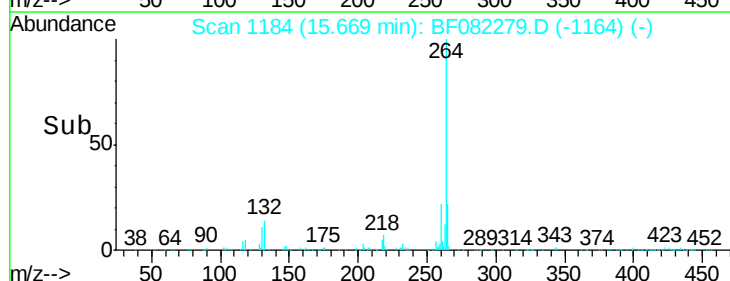
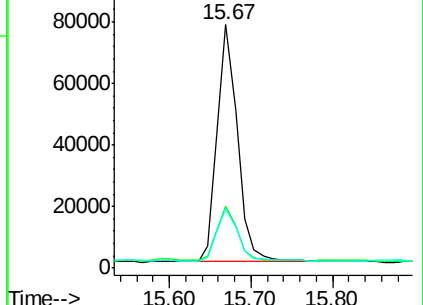
265 24.2 17.3 25.9

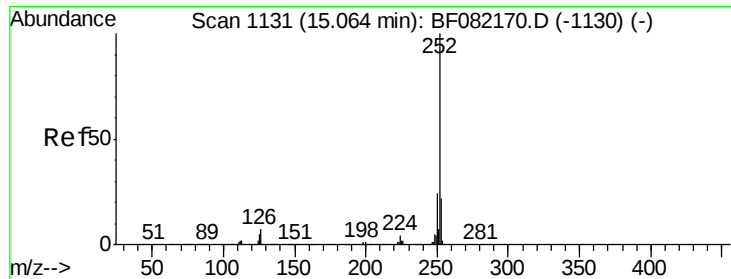


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(k)fluoranthene

Concen: 2.37 ng

RT: 15.24 min Scan# 1146

Delta R.T. -0.10 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Instrument :

BNA_F

ClientSampleId :

CF-1

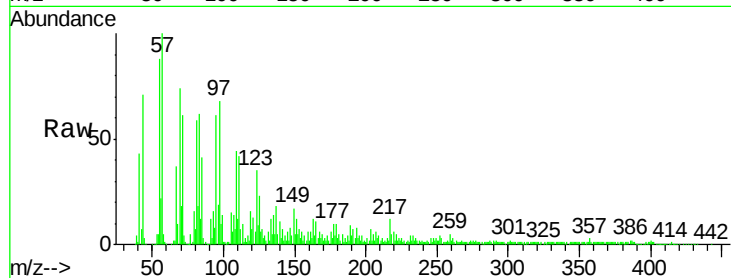
Tot Ion:252 Resp: 16379

Ion Ratio Lower Upper

252 100

253 75.6 17.8 26.6#

125 552.5 6.7 10.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

