

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079096.D
 Acq On : 9 May 2015 22:47
 Operator : TP/IZ
 Sample : G2087-01
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-0-2

Quant Time: May 11 02:09:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 01:50:36 2015
 Response via : Initial Calibration

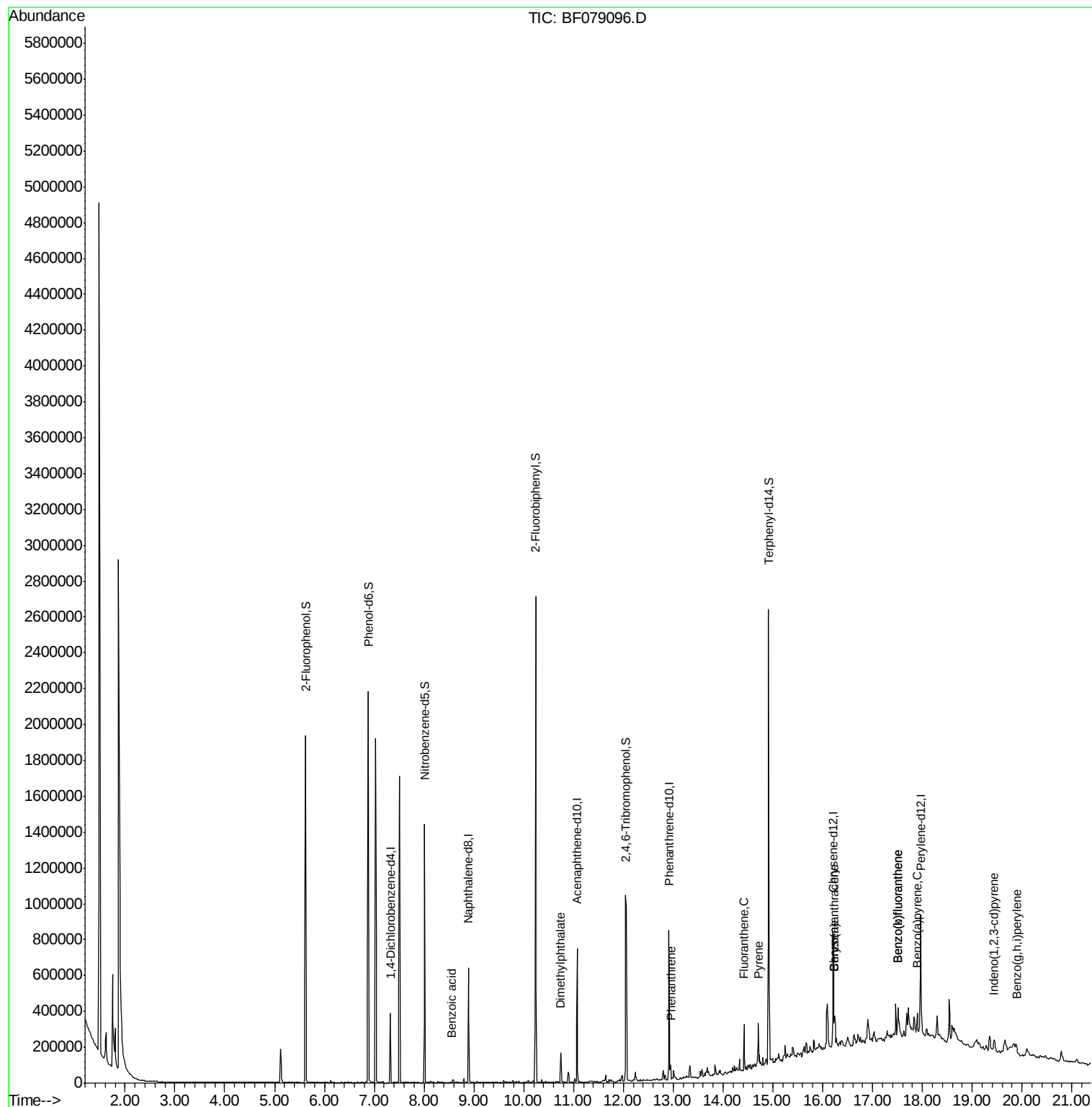
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	84659	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	351926	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	169854	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	312425	20.00	ng	0.00
75) Chrysene-d12	16.22	240	299966	20.00	ng	0.01
86) Perylene-d12	17.97	264	308769	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	569837	115.86	ng	0.00
7) Phenol-d6	6.88	99	743212	114.32	ng	0.00
23) Nitrobenzene-d5	8.01	82	441796	72.15	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	197205	107.32	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	831146	68.17	ng	0.00
78) Terphenyl-d14	14.91	244	855769	68.30	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	8.56	122	697	6.50	ng	# 69
49) Dimethylphthalate	10.74	163	63055	5.06	ng	99
70) Phenanthrene	12.95	178	39892	2.28	ng	97
74) Fluoranthene	14.42	202	112307	6.17	ng	96
77) Pyrene	14.71	202	113903	6.59	ng	99
80) Benzo(a)anthracene	16.24	228	61381	3.74	ng	96
82) Chrysene	16.24	228	65807	4.17	ng	98
85) Indeno(1,2,3-cd)pyrene	19.44	276	47584	2.36	ng	# 100
87) Benzo(b)fluoranthene	17.51	252	123214	7.29	ng	# 97
88) Benzo(k)fluoranthene	17.51	252	123892	7.57	ng	98
89) Benzo(a)pyrene	17.90	252	58679	3.77	ng	# 92
91) Benzo(g,h,i)perylene	19.89	276	46261	2.79	ng	98

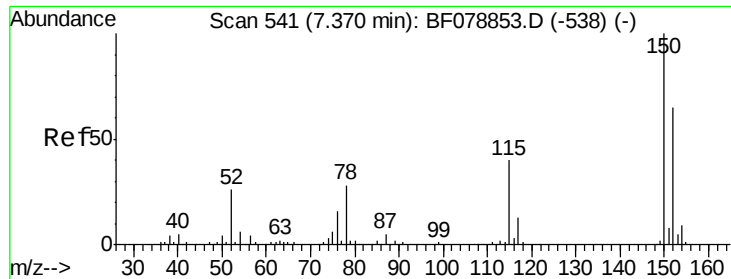
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
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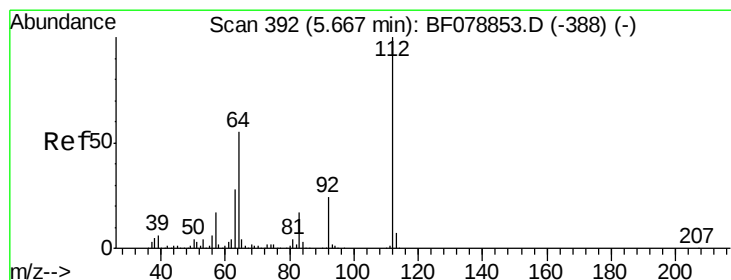
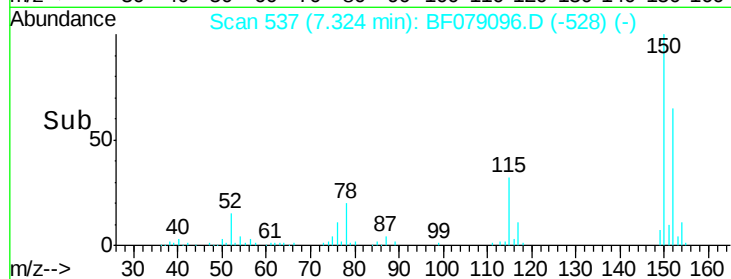
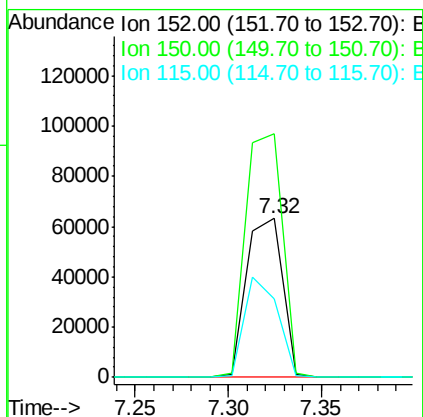
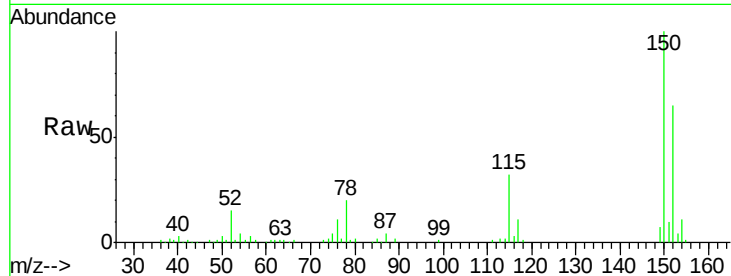


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079096.D
Acq: 9 May 2015 22:47

Instrument :
BNA_F
ClientSampleId :
B1-0-2

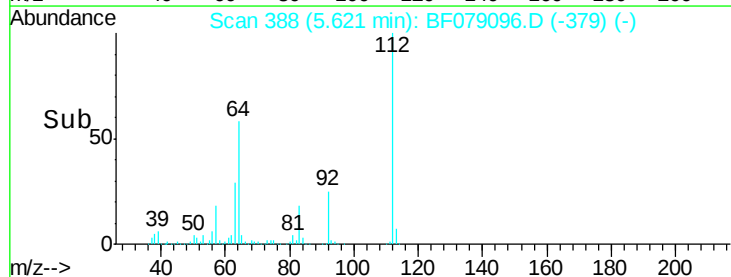
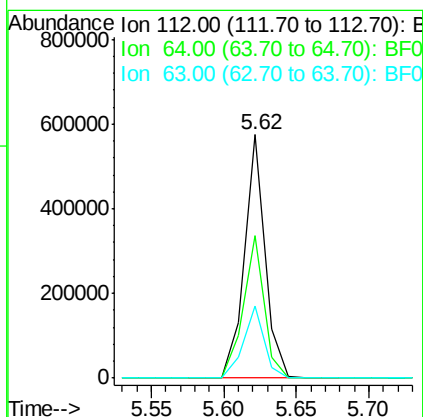
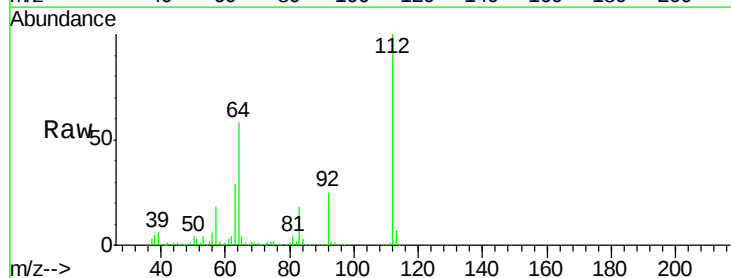
Tgt Ion:152 Resp: 84659
Ion Ratio Lower Upper
152 100
150 153.3 122.0 183.0
115 49.4 46.3 69.5

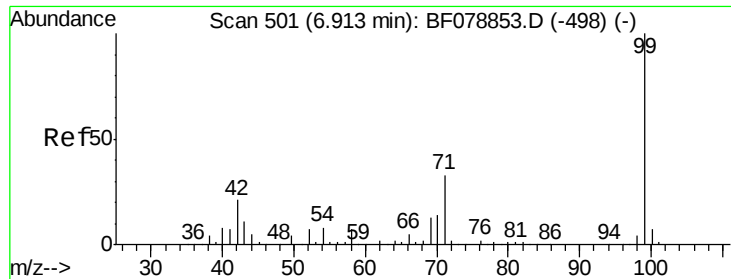


#5

2-Fluorophenol
Concen: 115.86 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079096.D
Acq: 9 May 2015 22:47

Tgt Ion:112 Resp: 569837
Ion Ratio Lower Upper
112 100
64 58.4 53.5 80.3
63 29.4 27.5 41.3





#7

Phenol-d6

Concen: 114.32 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079096.D

Acq: 9 May 2015 22:47

Instrument :

BNA_F

ClientSampled :

B1-0-2

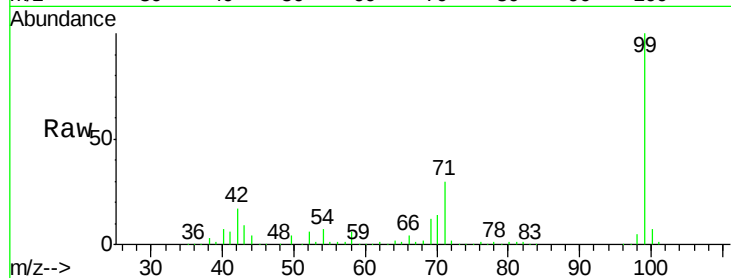
Tgt Ion: 99 Resp: 743212

Ion Ratio Lower Upper

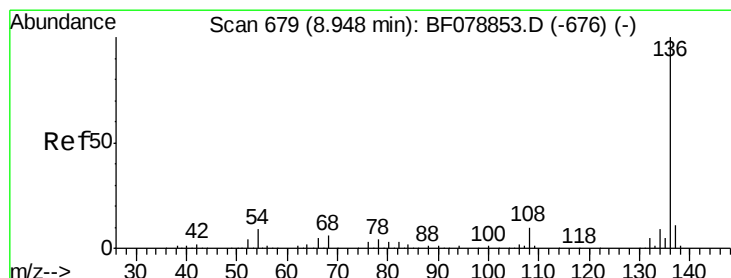
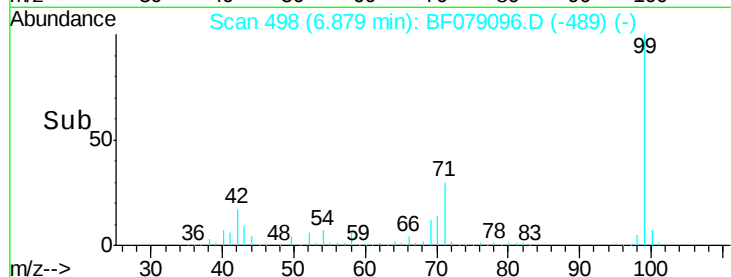
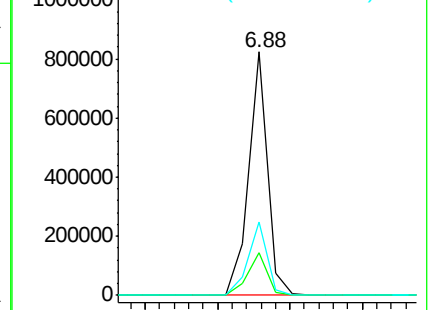
99 100

42 17.5 12.8 19.2

71 30.4 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.89 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF079096.D

Acq: 9 May 2015 22:47

Tgt Ion: 136 Resp: 351926

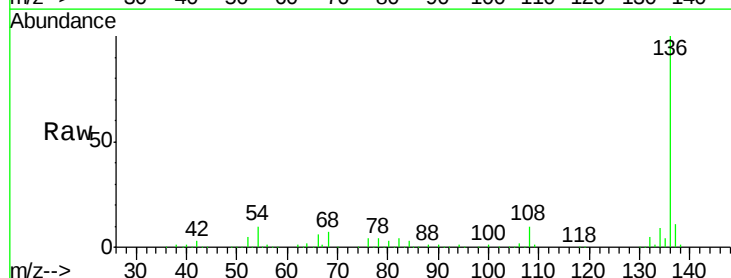
Ion Ratio Lower Upper

136 100

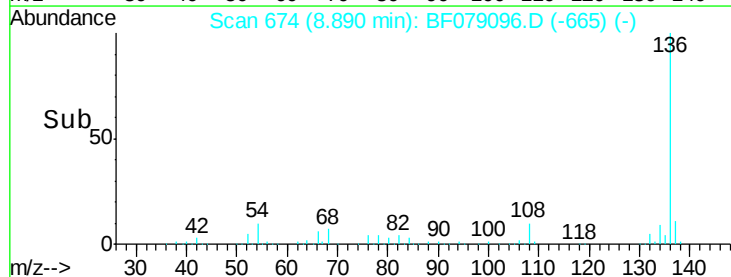
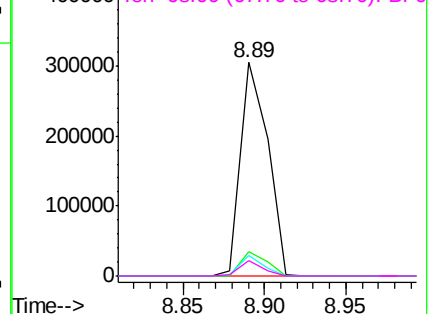
137 11.3 8.7 13.1

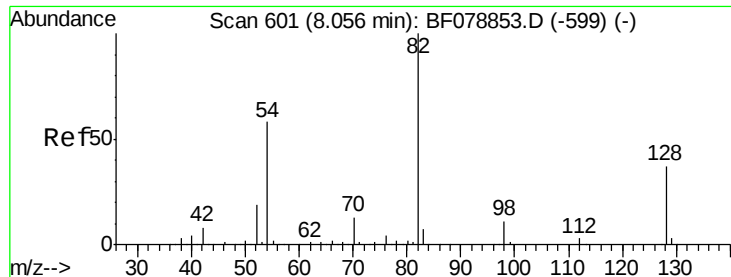
54 9.9 5.8 8.8#

68 7.2 4.2 6.4#



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

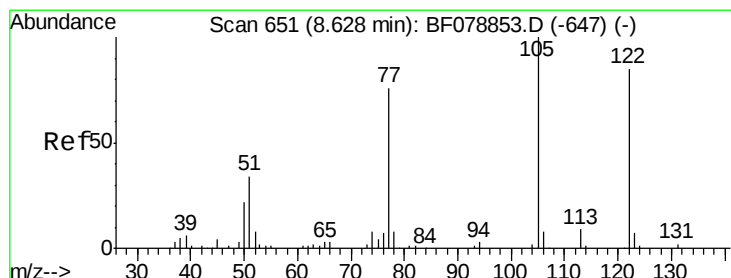
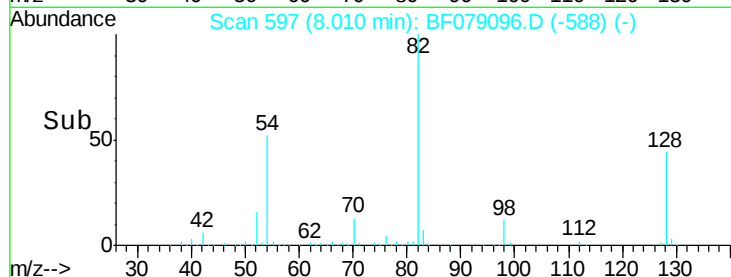
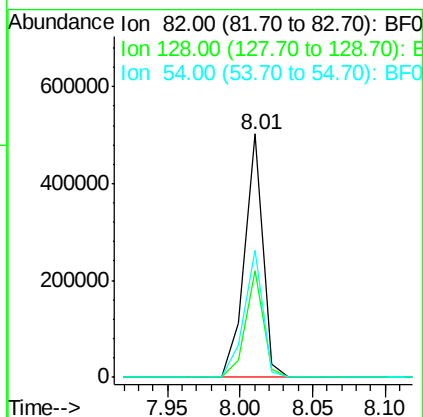
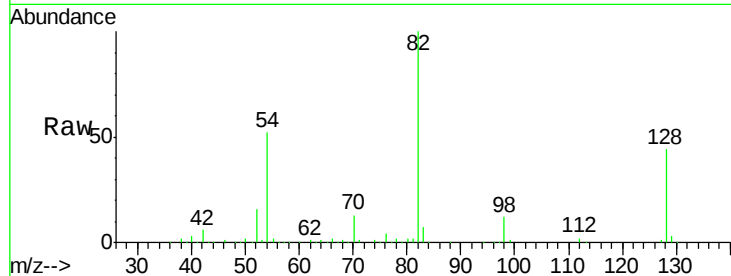




#23
Nitrobenzene-d5
Concen: 72.15 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF079096.D
Acq: 9 May 2015 22:47

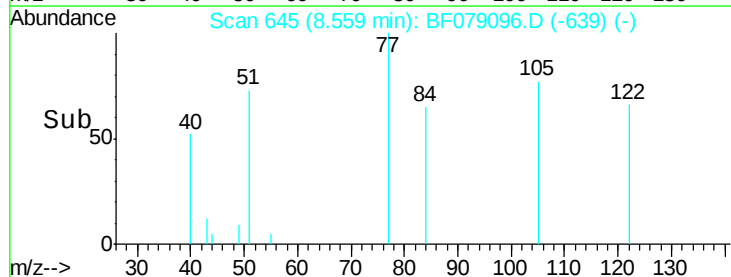
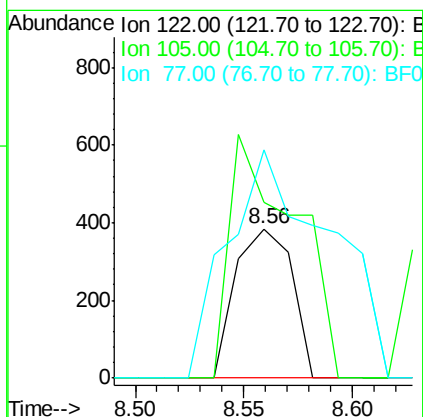
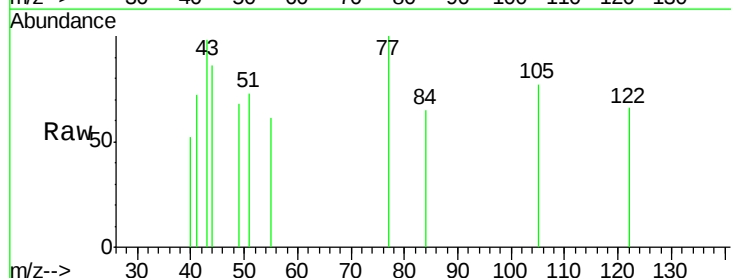
Instrument :
BNA_F
ClientSampleId :
B1-0-2

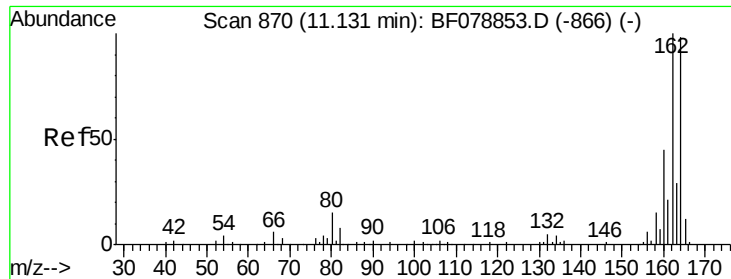
Tgt Ion: 82 Resp: 441796
Ion Ratio Lower Upper
82 100
128 43.9 30.0 45.0
54 52.0 46.4 69.6



#32
Benzoic acid
Concen: 6.50 ng
RT: 8.56 min Scan# 645
Delta R.T. -0.03 min
Lab File: BF079096.D
Acq: 9 May 2015 22:47

Tgt Ion: 122 Resp: 697
Ion Ratio Lower Upper
122 100
105 117.7 107.1 147.1
77 152.5 73.9 113.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF079096.D

Acq: 9 May 2015 22:47

Instrument :

BNA_F

ClientSampleId :

B1-0-2

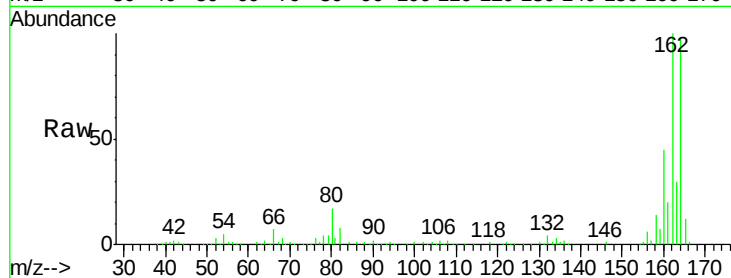
Tgt Ion:164 Resp: 169854

Ion Ratio Lower Upper

164 100

162 102.0 82.7 124.1

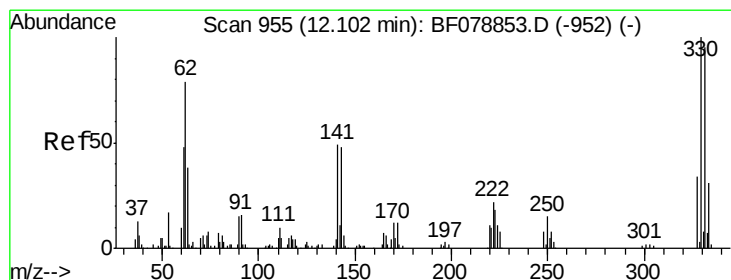
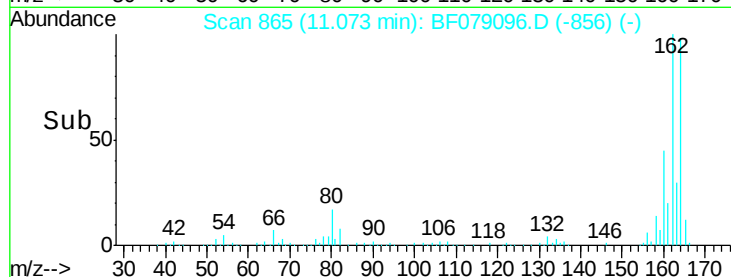
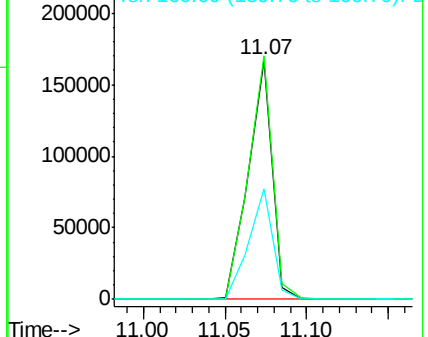
160 46.1 35.8 53.8



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: 107.32 ng

RT: 12.06 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF079096.D

Acq: 9 May 2015 22:47

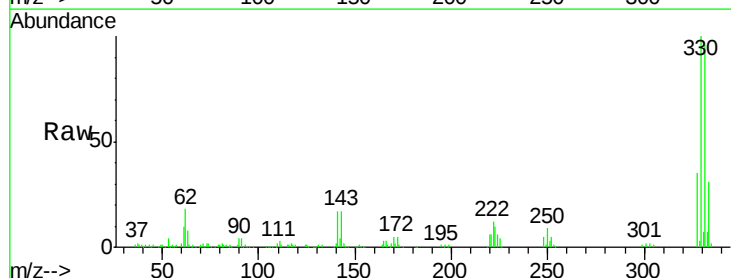
Tgt Ion:330 Resp: 197205

Ion Ratio Lower Upper

330 100

332 95.4 0.0 0.0#

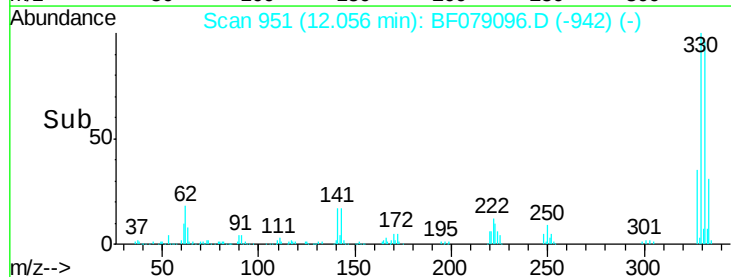
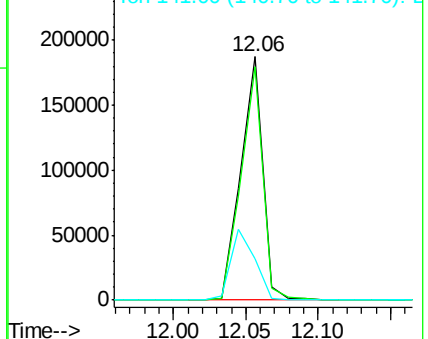
141 32.4 0.0 0.0#

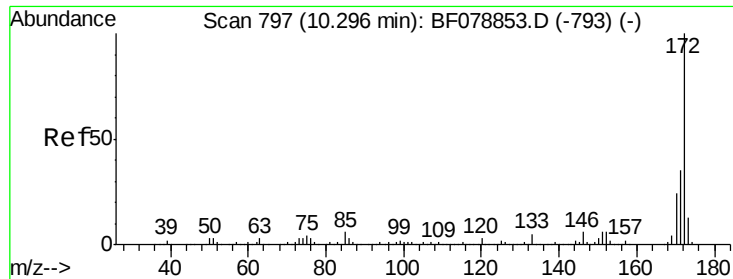


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

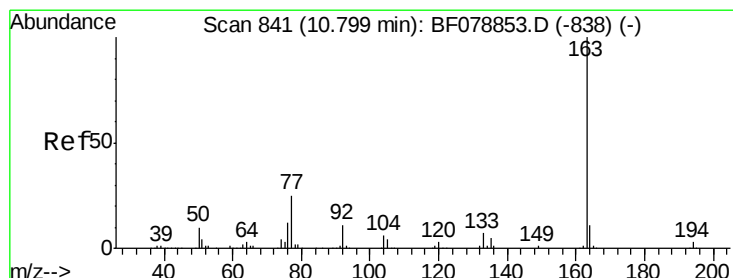
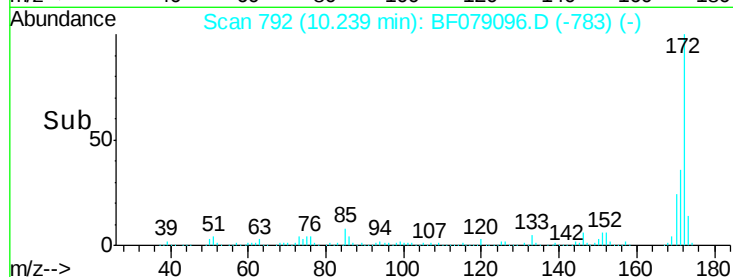
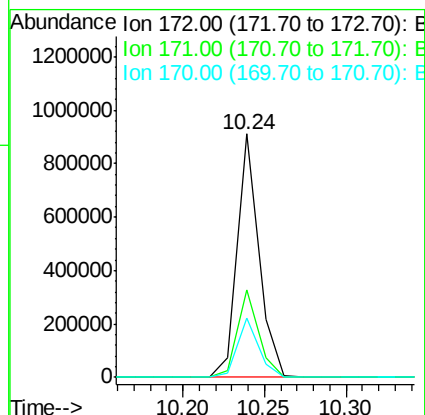
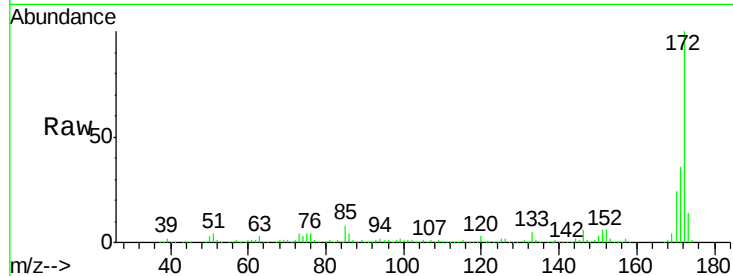




#44
2-Fluorobiphenyl
Concen: 68.17 ng
RT: 10.24 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF079096.D
Acq: 9 May 2015 22:47

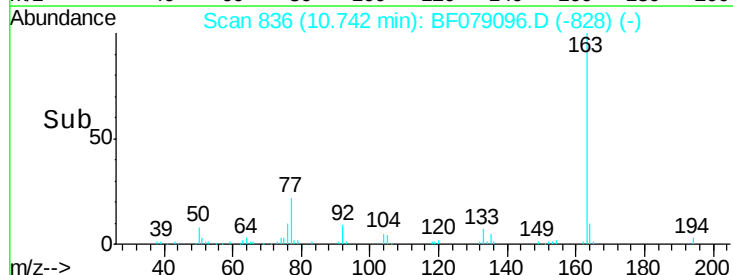
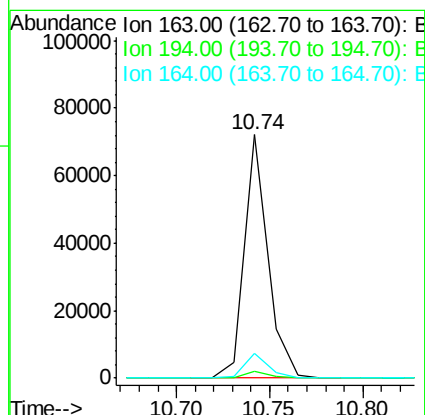
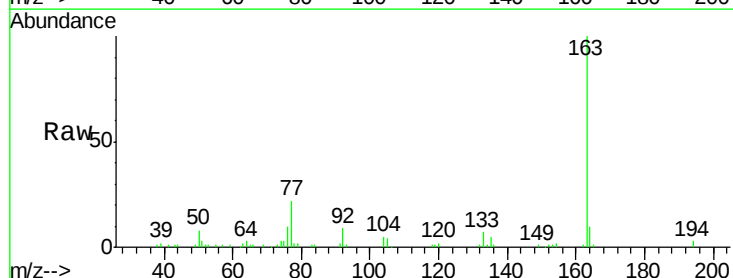
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BNA_F
ClientSampleId :
B1-0-2

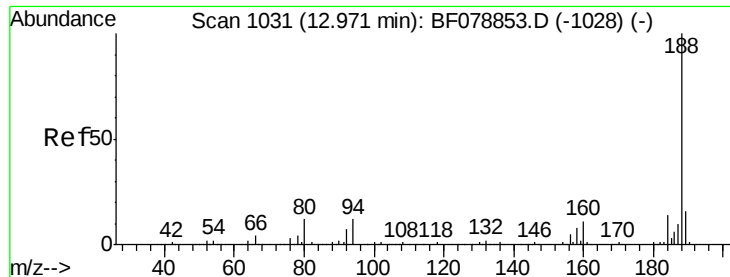
Tgt Ion:172 Resp: 831146
Ion Ratio Lower Upper
172 100
171 36.0 27.9 41.9
170 24.4 19.4 29.0



#49
Dimethylphthalate
Concen: 5.06 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF079096.D
Acq: 9 May 2015 22:47

Tgt Ion:163 Resp: 63055
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.3 8.1 12.1

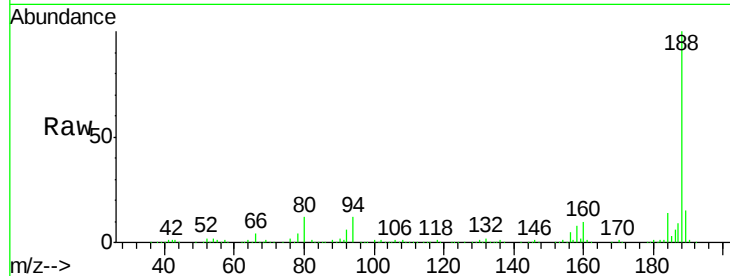




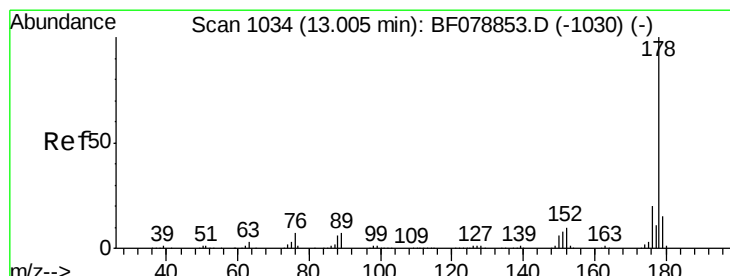
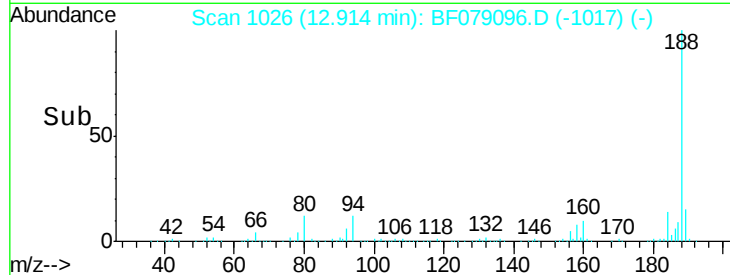
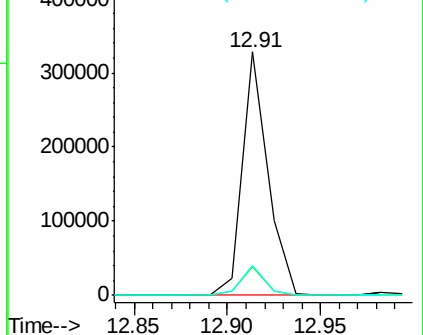
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079096.D
Acq: 9 May 2015 22:47

Instrument :
BNA_F
ClientSampleId :
B1-0-2

Tgt Ion:188 Resp: 312425
Ion Ratio Lower Upper
188 100
94 11.6 8.2 12.2
80 12.4 8.9 13.3

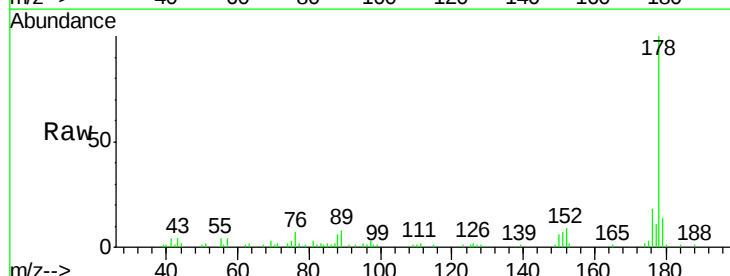


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

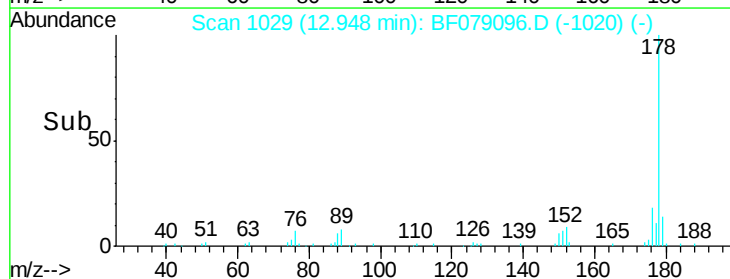
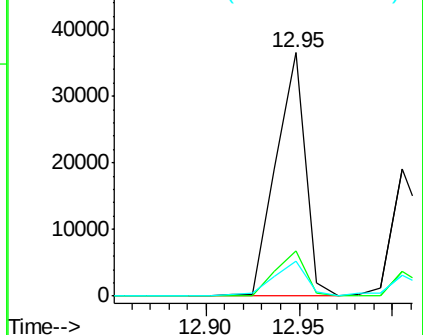


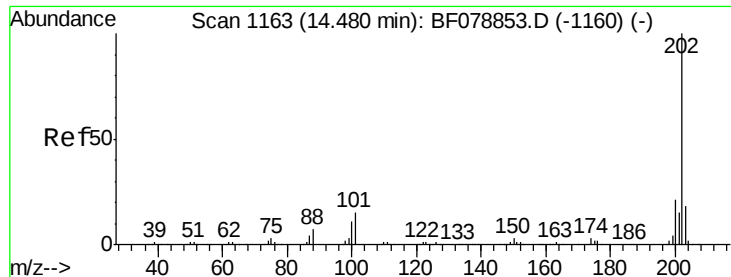
#70
Phenanthrene
Concen: 2.28 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF079096.D
Acq: 9 May 2015 22:47

Tgt Ion:178 Resp: 39892
Ion Ratio Lower Upper
178 100
176 18.3 15.8 23.8
179 14.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

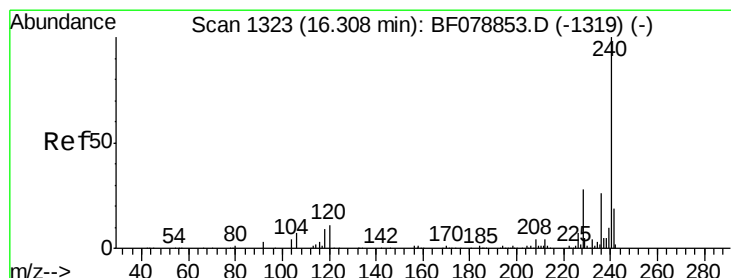
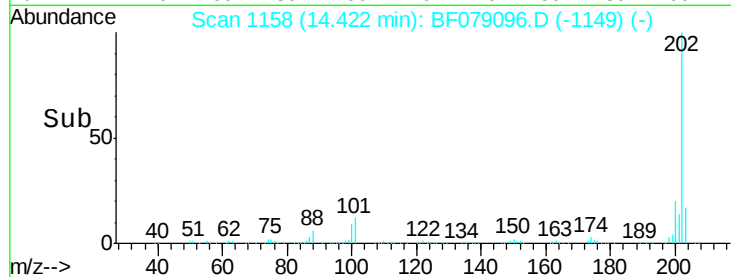
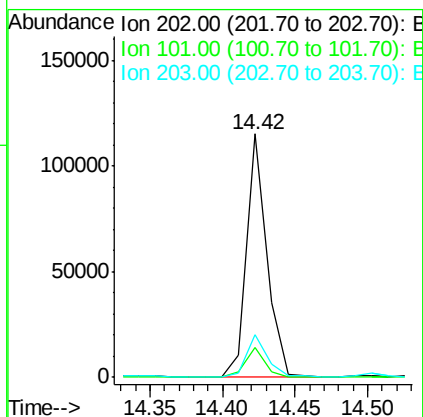
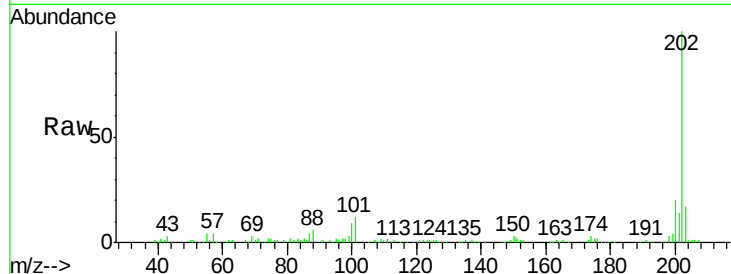




#74
 Fluoranthene
 Concen: 6.17 ng
 RT: 14.42 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF079096.D
 Acq: 9 May 2015 22:47

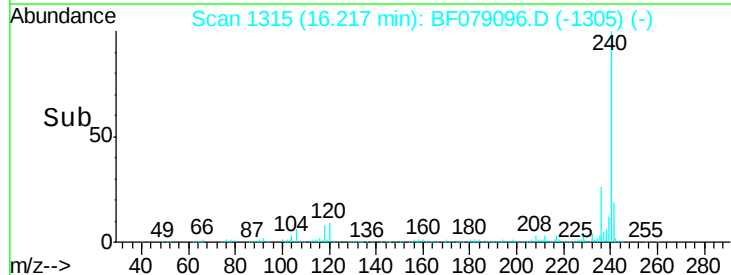
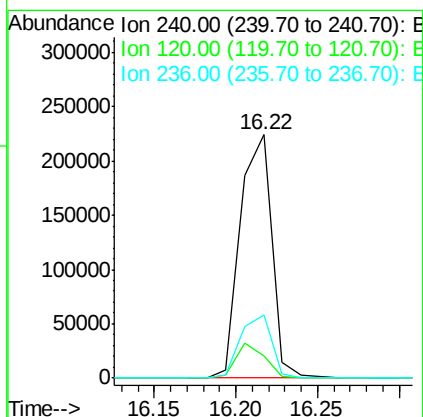
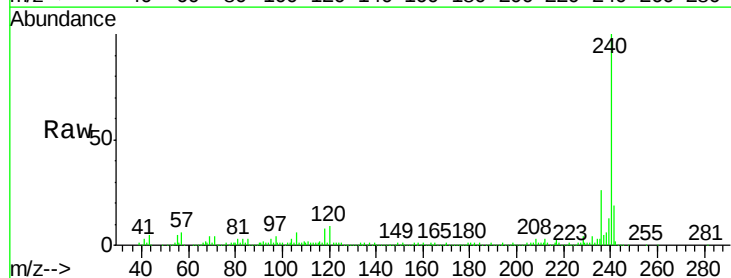
Instrument :
 BNA_F
 ClientSampleId :
 B1-0-2

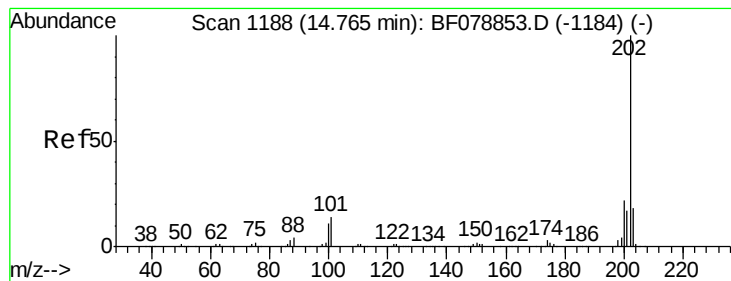
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.6
203	17.3	0.0	38.4



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.22 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF079096.D
 Acq: 9 May 2015 22:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.7	14.5#
236	25.9	20.2	30.4





#77

Pyrene

Concen: 6.59 ng

RT: 14.71 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF079096.D

Acq: 9 May 2015 22:47

Instrument :

BNA_F

ClientSampleId :

B1-0-2

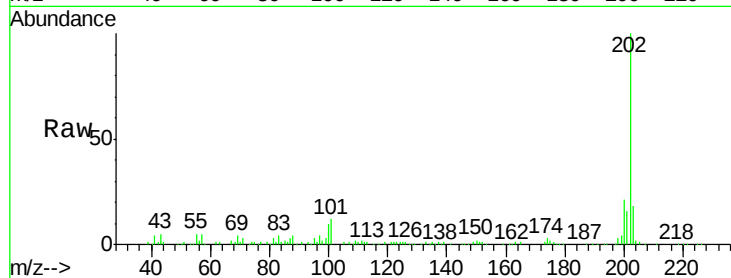
Tgt Ion: 202 Resp: 113903

Ion Ratio Lower Upper

202 100

200 21.0 17.5 26.3

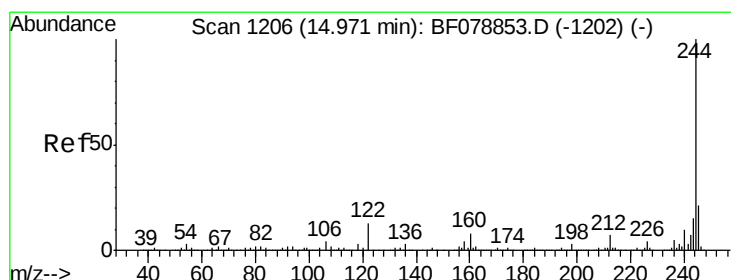
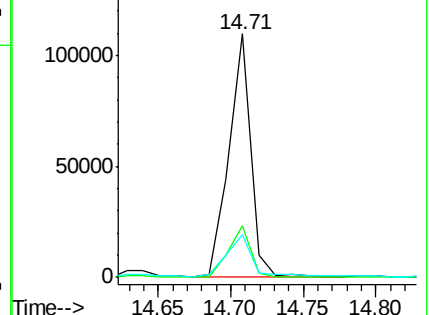
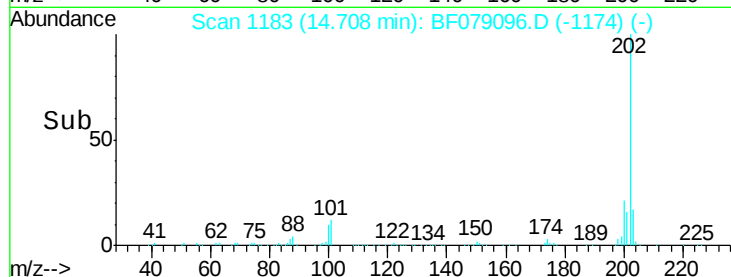
203 17.7 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.30 ng

RT: 14.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF079096.D

Acq: 9 May 2015 22:47

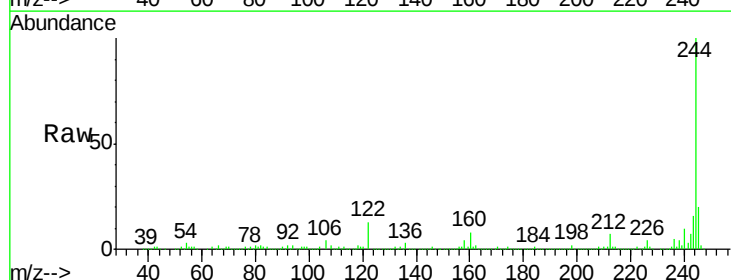
Tgt Ion: 244 Resp: 855769

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

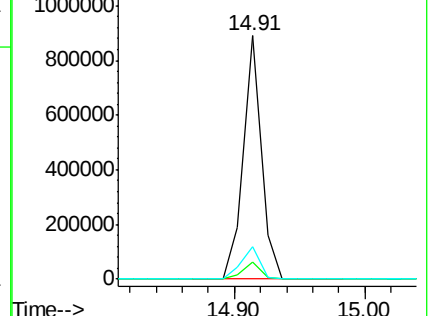
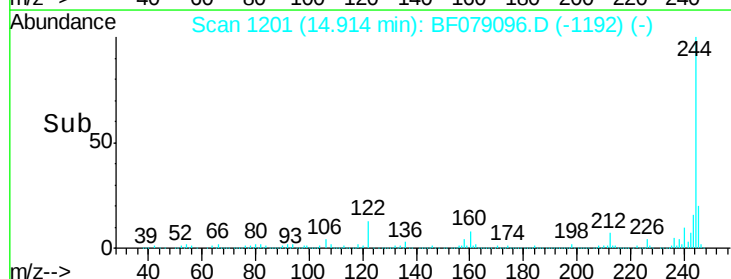
122 13.1 10.3 15.5

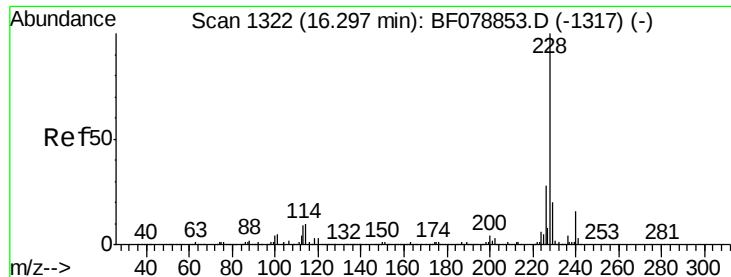


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 3.74 ng

RT: 16.24 min Scan# 1317

Delta R.T. 0.05 min

Lab File: BF079096.D

Acq: 9 May 2015 22:47

Instrument :

BNA_F

ClientSampleId :

B1-0-2

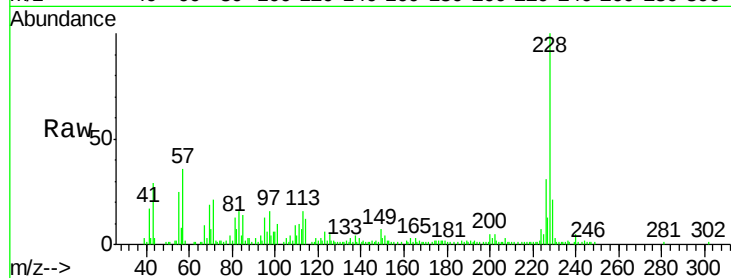
Tgt Ion:228 Resp: 61381

Ion Ratio Lower Upper

228 100

226 30.5 22.6 33.8

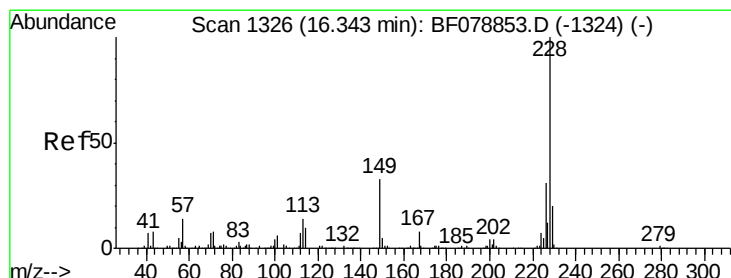
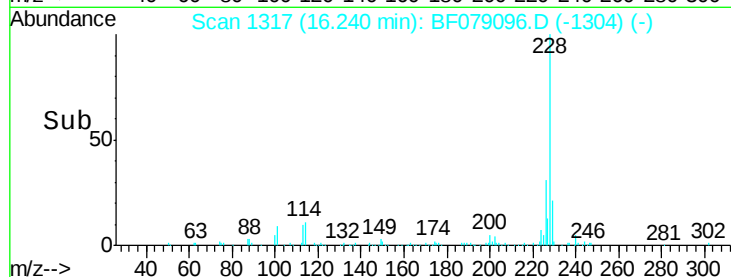
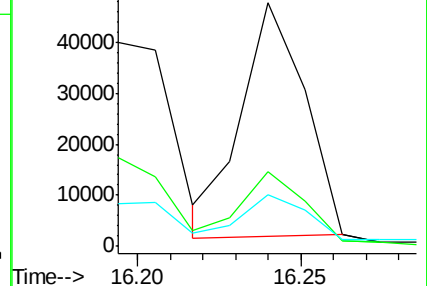
229 21.4 15.9 23.9



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: 4.17 ng

RT: 16.24 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF079096.D

Acq: 9 May 2015 22:47

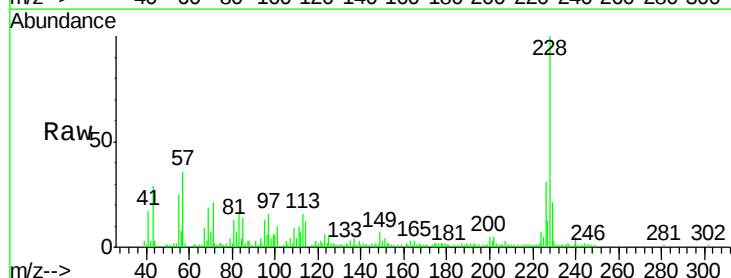
Tgt Ion:228 Resp: 65807

Ion Ratio Lower Upper

228 100

226 30.5 24.9 37.3

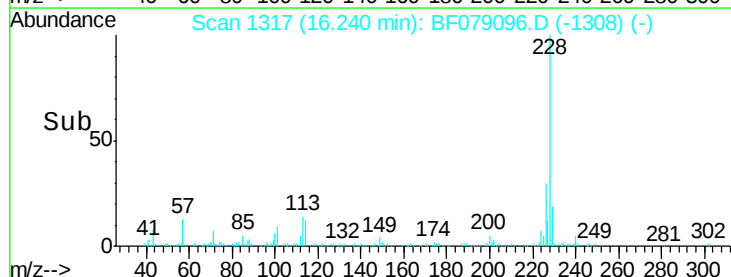
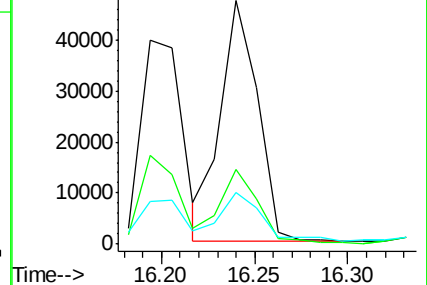
229 21.4 16.0 24.0

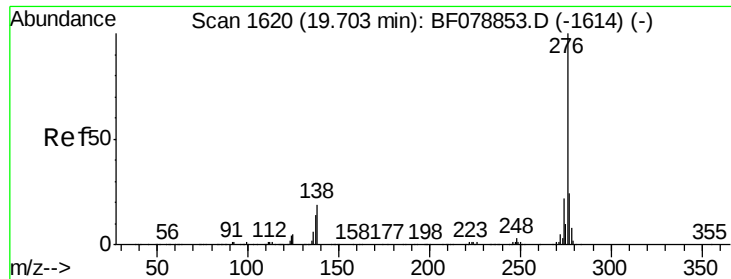


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

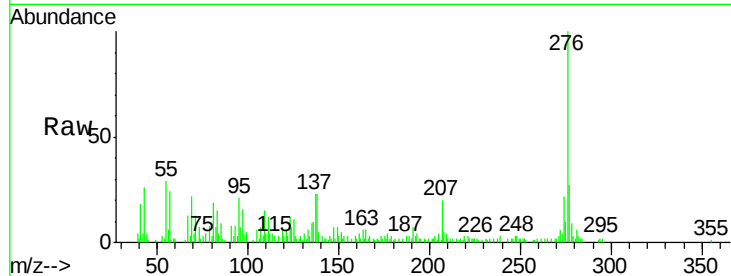




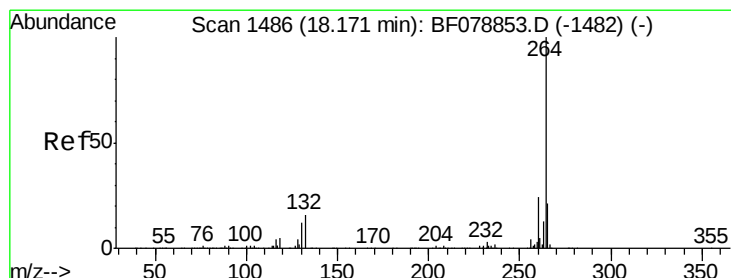
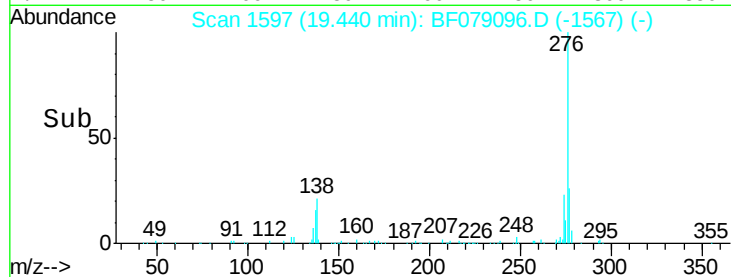
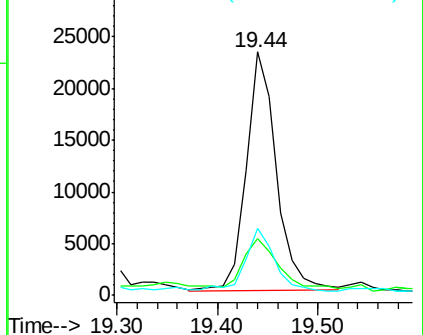
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.36 ng
 RT: 19.44 min Scan# 1597
 Delta R.T. 0.05 min
 Lab File: BF079096.D
 Acq: 9 May 2015 22:47

Instrument :
 BNA_F
 ClientSampleId :
 B1-0-2

Tgt Ion: 276 Resp: 47584
 Ion Ratio Lower Upper
 276 100
 138 24.4 0.0 0.0#
 277 26.4 0.0 0.0#

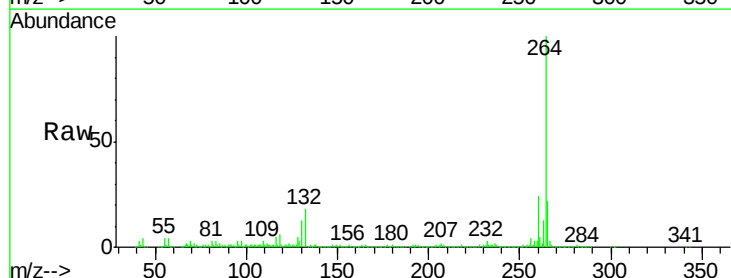


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

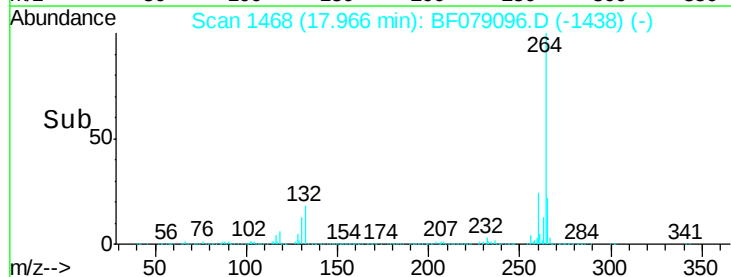
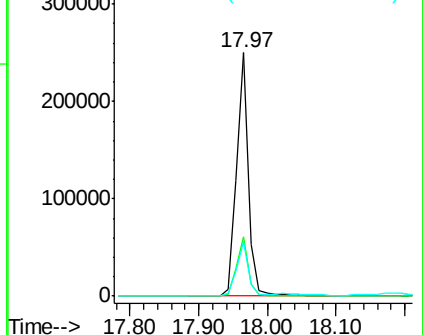


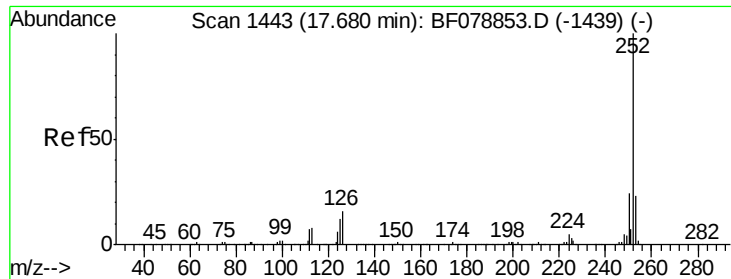
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.97 min Scan# 1468
 Delta R.T. 0.05 min
 Lab File: BF079096.D
 Acq: 9 May 2015 22:47

Tgt Ion: 264 Resp: 308769
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 22.1 18.3 27.5



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

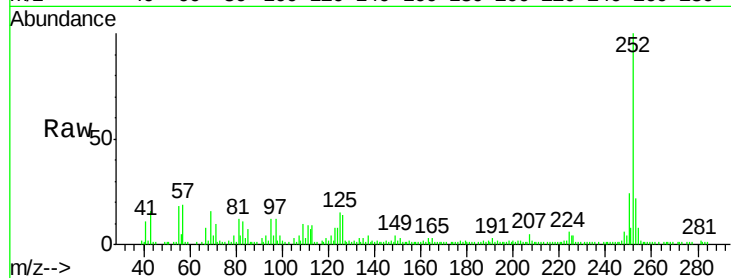




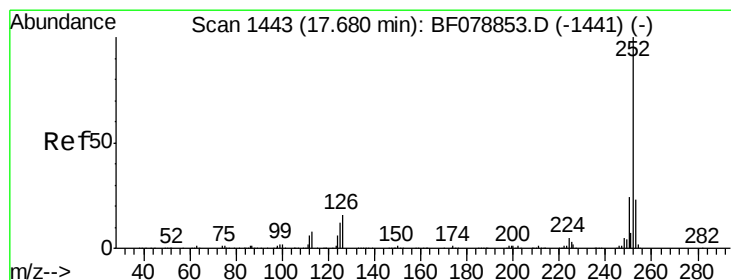
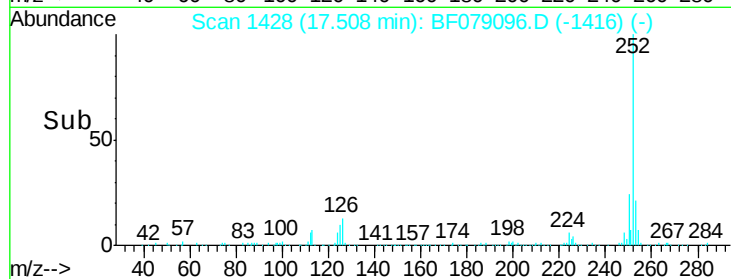
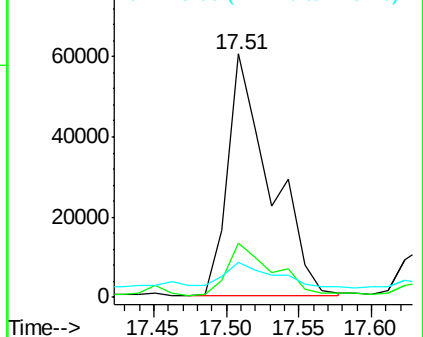
#87
Benzo(b)fluoranthene
Concen: 7.29 ng
RT: 17.51 min Scan# 1428
Delta R.T. 0.03 min
Lab File: BF079096.D
Acq: 9 May 2015 22:47

Instrument :
BNA_F
ClientSampleId :
B1-0-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	14.6	9.5	14.3#

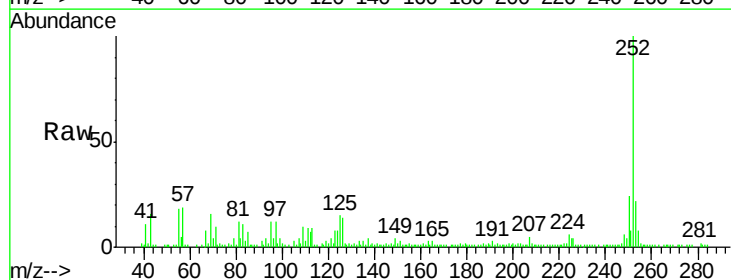


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

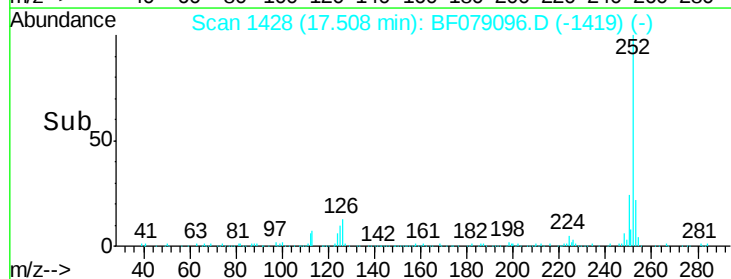
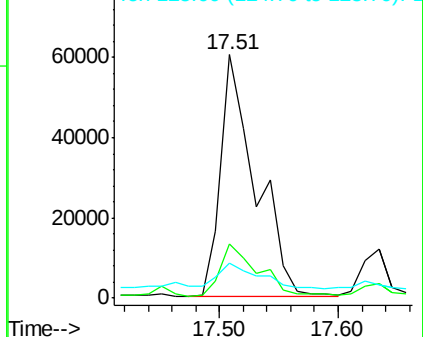


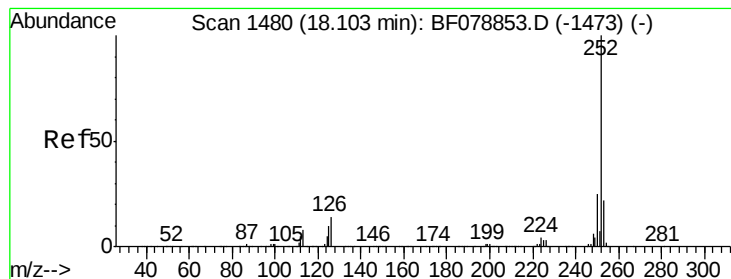
#88
Benzo(k)fluoranthene
Concen: 7.57 ng
RT: 17.51 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF079096.D
Acq: 9 May 2015 22:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	14.6	10.0	15.0



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





#89

Benzo(a)pyrene

Concen: 3.77 ng

RT: 17.90 min Scan# 1462

Delta R.T. 0.05 min

Lab File: BF079096.D

Acq: 9 May 2015 22:47

Instrument :

BNA_F

ClientSampleId :

B1-0-2

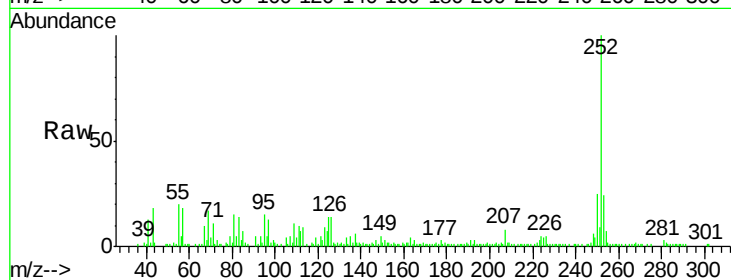
Tgt Ion:252 Resp: 58679

Ion Ratio Lower Upper

252 100

253 24.1 17.3 25.9

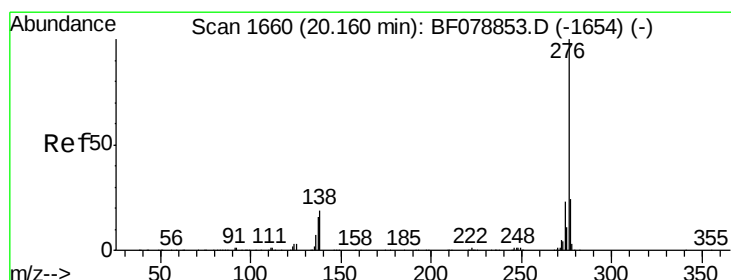
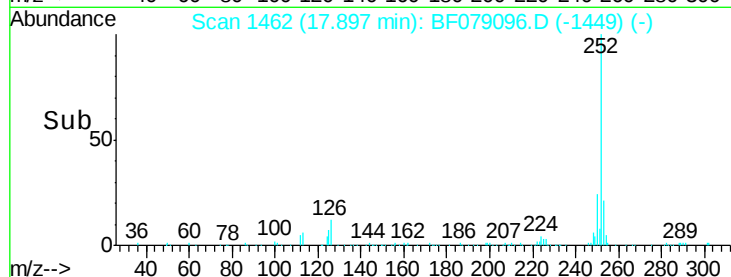
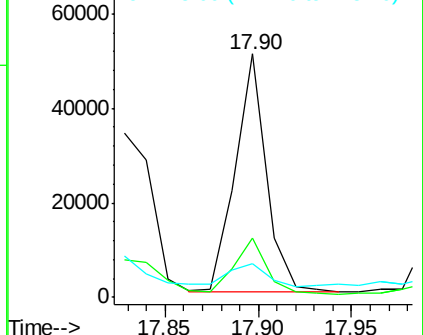
125 13.6 7.0 10.6#



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



#91

Benzo(g,h,i)perylene

Concen: 2.79 ng

RT: 19.89 min Scan# 1636

Delta R.T. 0.05 min

Lab File: BF079096.D

Acq: 9 May 2015 22:47

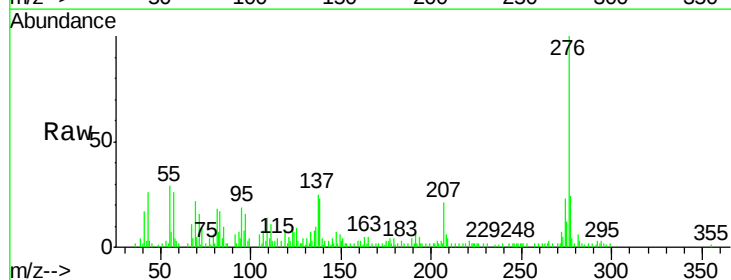
Tgt Ion:276 Resp: 46261

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 22.9 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

