

Data Path : Z:\HPCHEM1\BNA F\Data\BF012015\
 Data File : BF076979.D
 Acq On : 21 Jan 2015 00:47
 Operator : IZ / TP
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 03:19:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 01:04:46 2015
 Response via : Initial Calibration

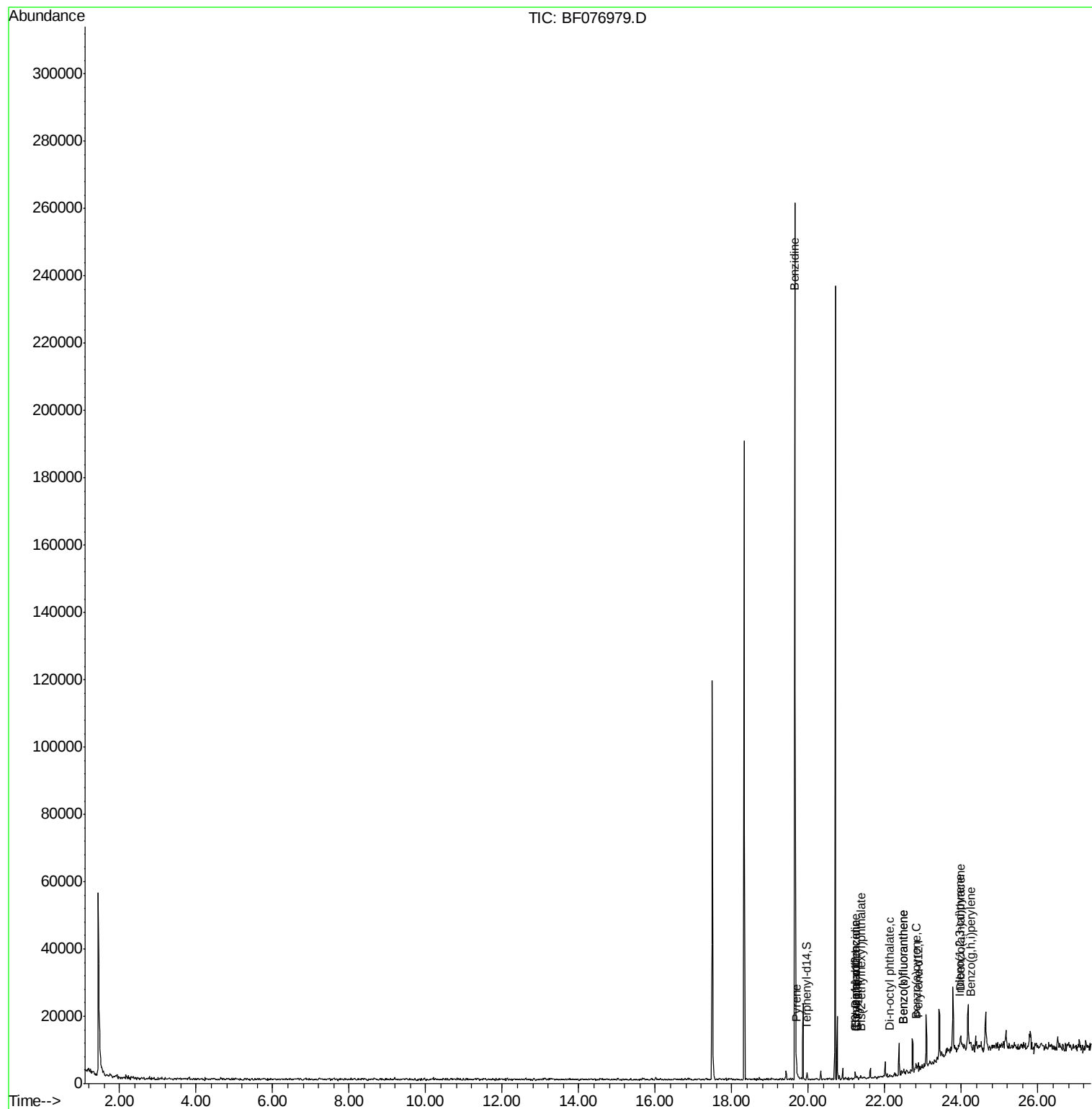
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.91
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.83
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.95
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.73
75) Chrysene-d12	21.24	240	615	20.00	ng	0.00
86) Perylene-d12	22.87	264	1127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	19.96	244	692	25.90	ng	-0.01
Target Compounds						
76) Benzidine	19.65	184	127464	6476.99	ng	Qvalue 99
77) Pyrene	19.69	202	367	8.71	ng	# 57
80) Benzo(a)anthracene	21.23	228	441	11.43	ng	# 51
81) 3,3'-Dichlorobenzidine	21.24	252	220	17.94	ng	# 27
82) Chrysene	21.27	228	685	19.47	ng	# 50
83) Bis(2-ethylhexyl)phthalate	21.36	149	260	9.84	ng	# 53
84) Di-n-octyl phthalate	22.13	149	266	5.80	ng	# 80
85) Indeno(1,2,3-cd)pyrene	23.96	276	3065	82.19	ng	# 83
87) Benzo(b)fluoranthene	22.49	252	2261	29.79	ng	# 59
88) Benzo(k)fluoranthene	22.49	252	2261	34.09	ng	# 61
89) Benzo(a)pyrene	22.81	252	1515	22.63	ng	# 70
90) Dibenzo(a,h)anthracene	23.98	278	2754	44.83	ng	# 81
91) Benzo(a,h,i)perylene	24.24	276	1664	27.25	ng	# 59

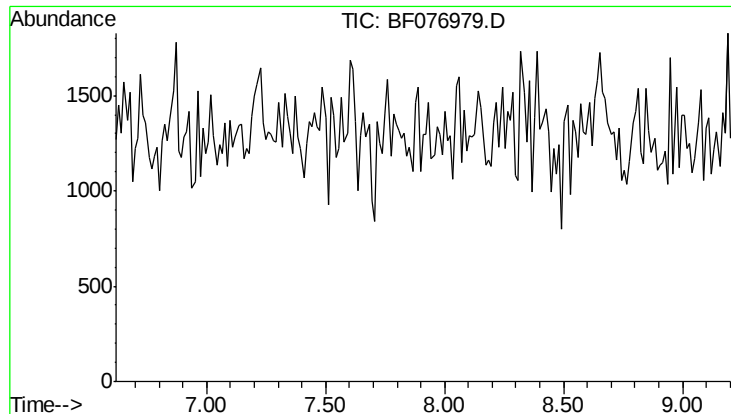
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 7.91 min

Lab File: BF076979.D

Acq: 21 Jan 2015 00:47

Instrument :

BNA_F

ClientSampleId :

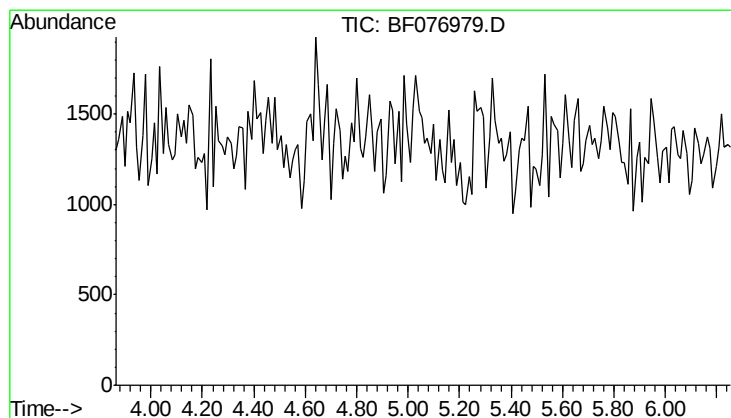
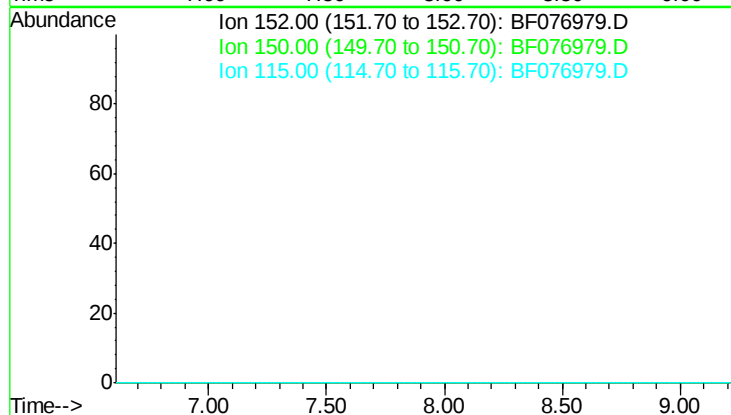
Tot Ion: 152

Sig	Exp Ratio
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152	100
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150	152.1
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115	58.8
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#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 4.96 min

Lab File: BF076979.D

Acq: 21 Jan 2015 00:47

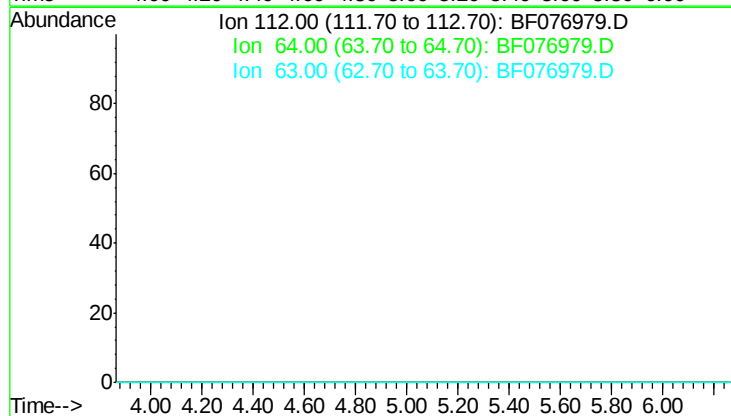
Tgt Ion: 112

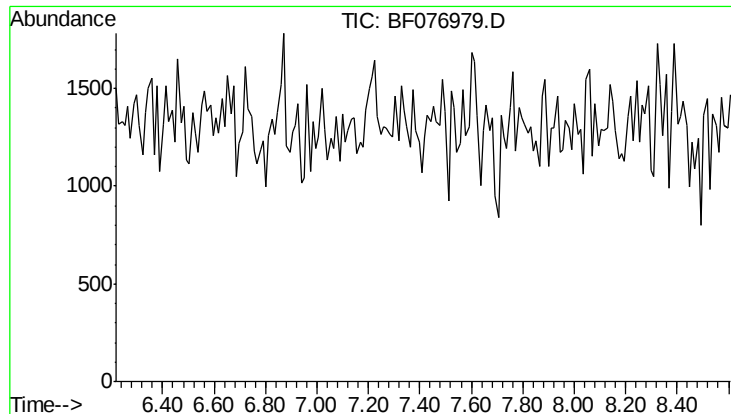
Sig	Exp Ratio
-----	-----------

112	100
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64	67.8
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63	35.5
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#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 7.32 min

Lab File: BF076979.D

Acq: 21 Jan 2015 00:47

Instrument :

BNA_F

ClientSampleId :

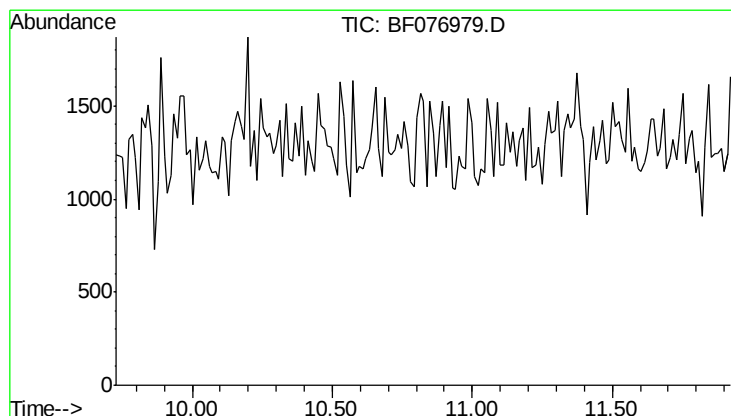
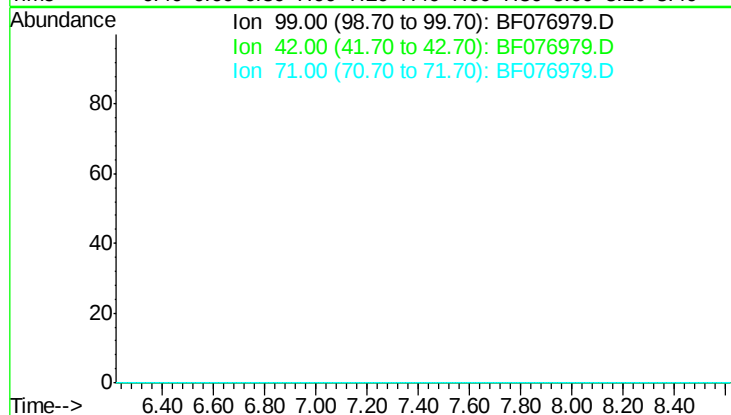
Tot Ion: 99

Sig Exp Ratio

99 100

42 18.7

71 38.1



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 10.83 min

Lab File: BF076979.D

Acq: 21 Jan 2015 00:47

Tgt Ion: 136

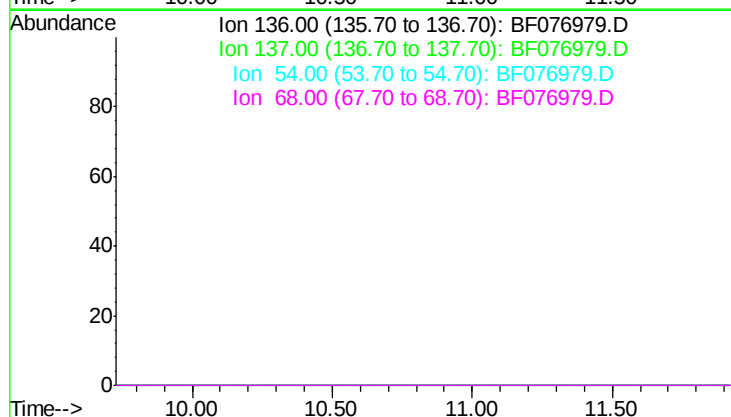
Sig Exp Ratio

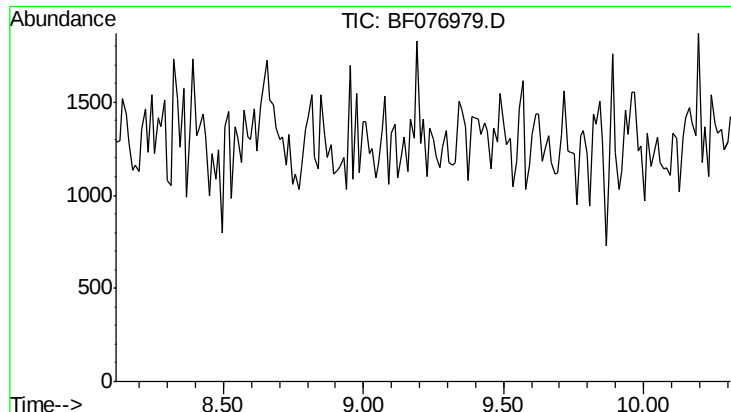
136 100

137 10.1

54 8.7

68 4.6

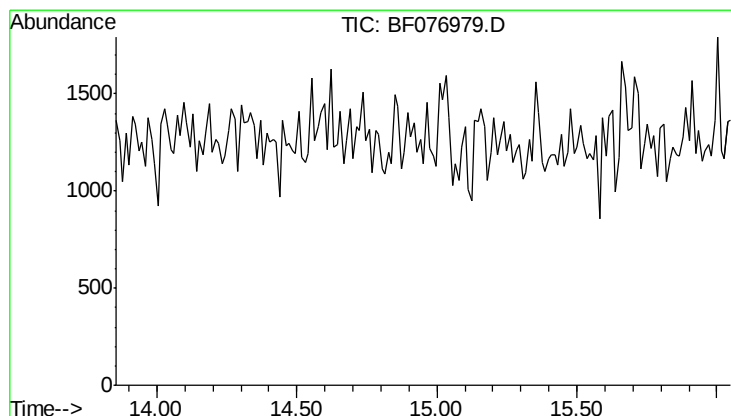
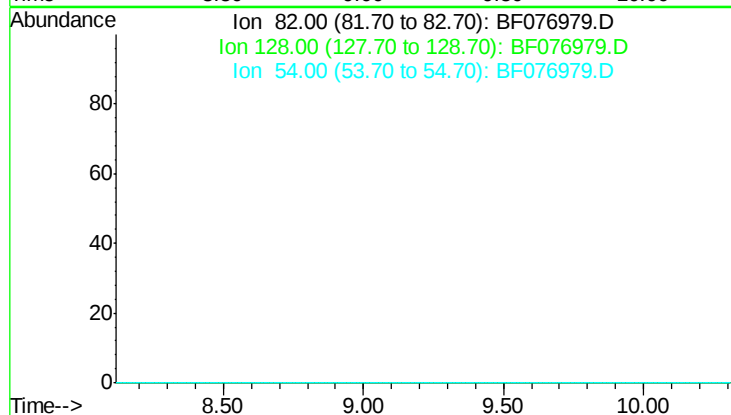




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 9.21 min
 Lab File: BF076979.D
 Acq: 21 Jan 2015 00:47

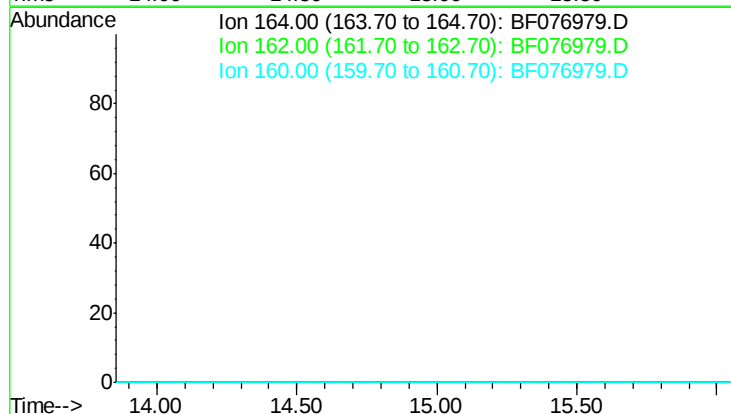
Instrument :
 BNA_F
 ClientSampleId :

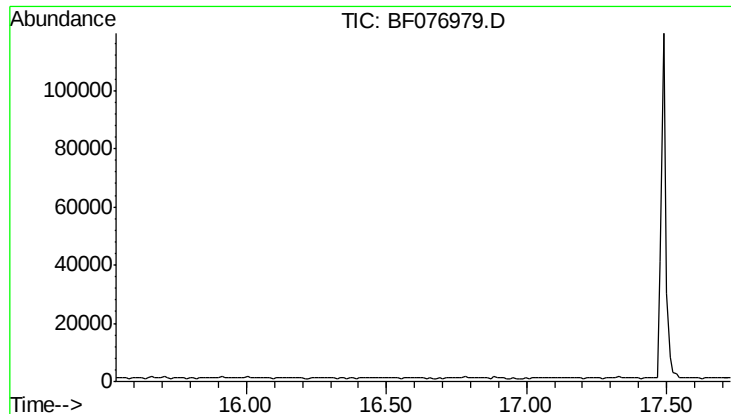
Tot Ion	82
Sig	Exp Ratio
82	100
128	41.4
54	60.4



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 14.95 min
 Lab File: BF076979.D
 Acq: 21 Jan 2015 00:47

Tgt Ion	164
Sig	Exp Ratio
164	100
162	103.0
160	43.5

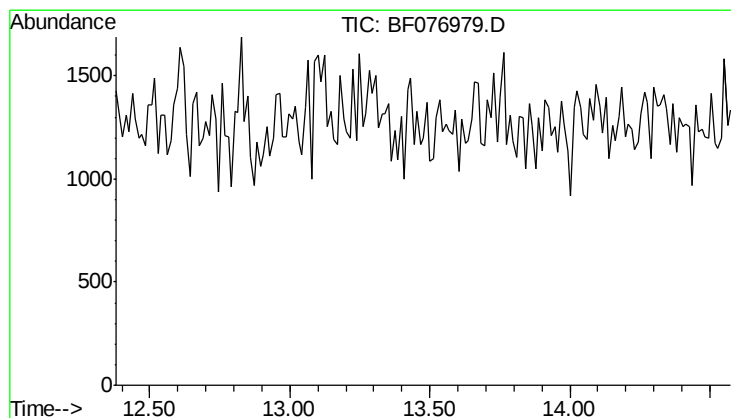
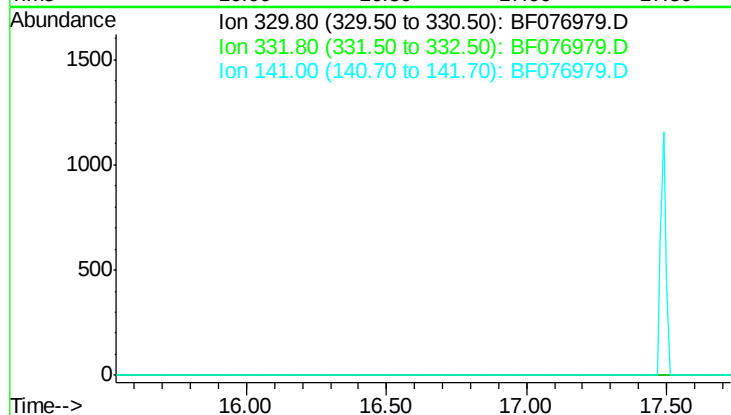




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 16.63 min
 Lab File: BF076979.D
 Acq: 21 Jan 2015 00:47

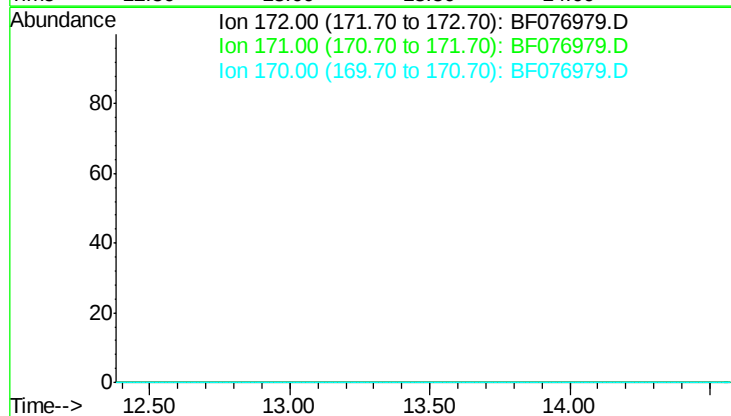
Instrument :
 BNA_F
 ClientSampleId :

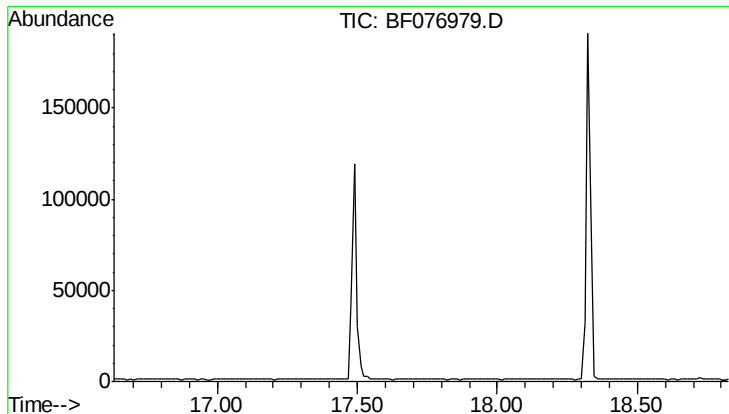
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 97.2
 141 48.1



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 13.48 min
 Lab File: BF076979.D
 Acq: 21 Jan 2015 00:47

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 33.3
 170 22.5

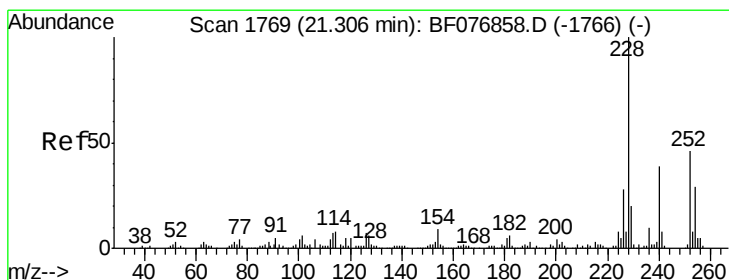
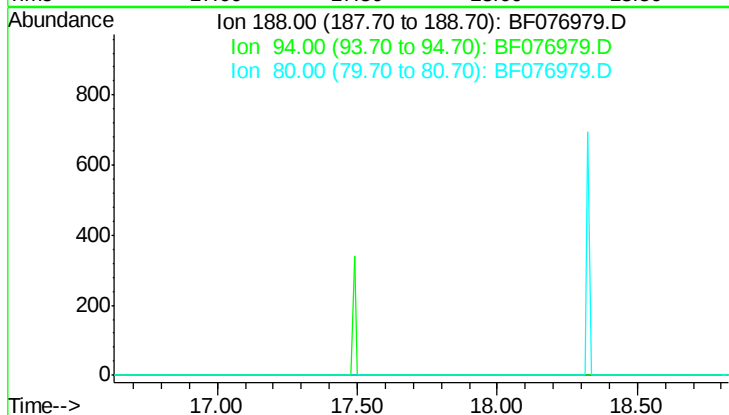




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 17.73 min
 Lab File: BF076979.D
 Acq: 21 Jan 2015 00:47

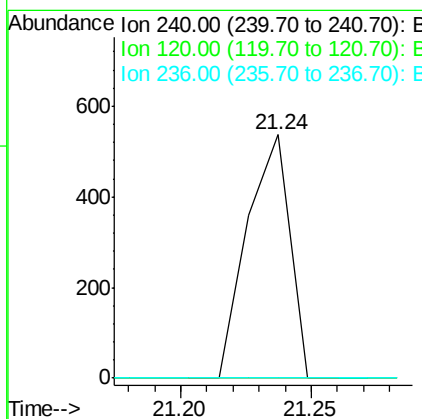
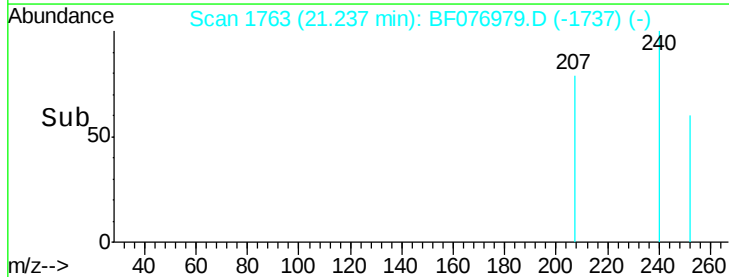
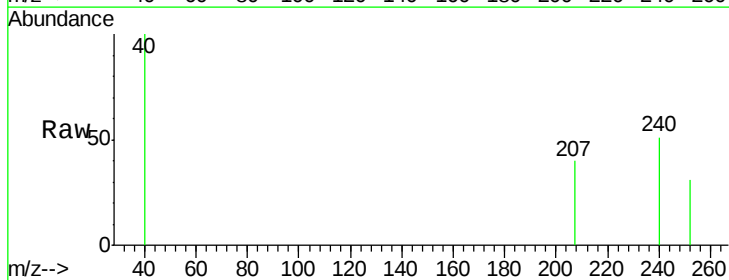
Instrument :
 BNA_F
 ClientSampleId :

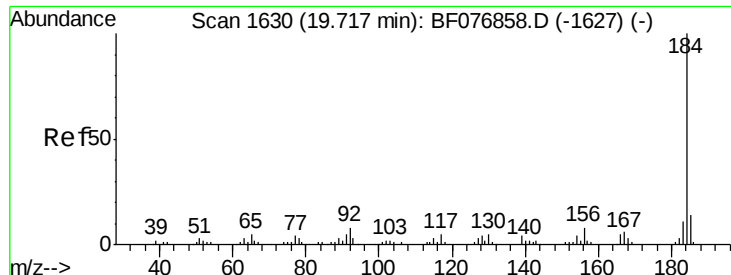
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 7.5
 80 8.6



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.24 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BF076979.D
 Acq: 21 Jan 2015 00:47

Tgt Ion: 240 Resp: 615
 Ion Ratio Lower Upper
 240 100
 120 0.0 10.4 15.6#
 236 0.0 20.2 30.2#

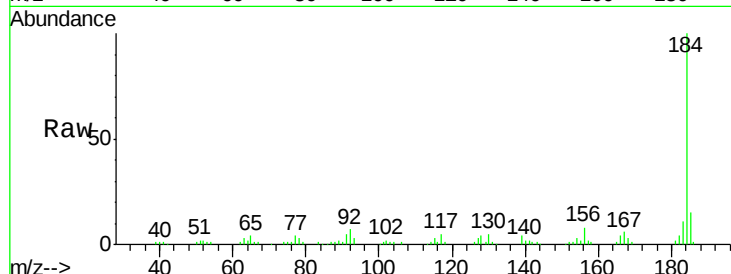




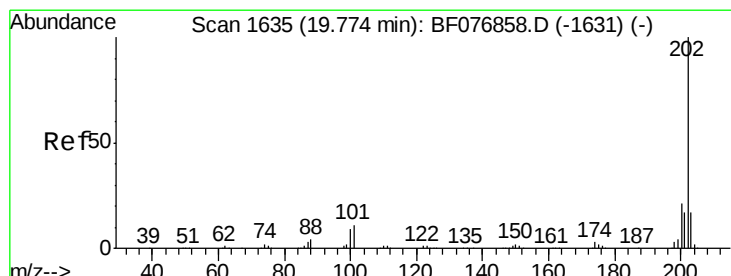
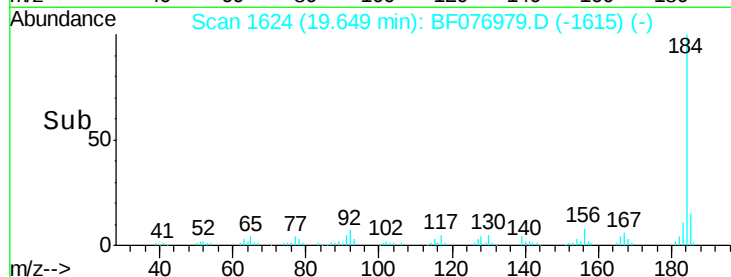
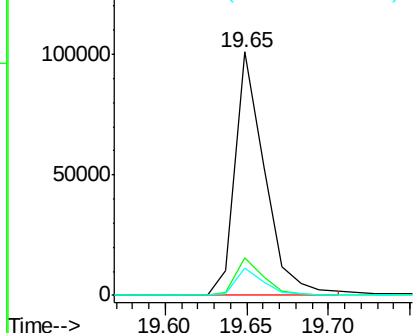
#76
Benzidine
Concen: 6476.99 ng
RT: 19.65 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BF076979.D
Acq: 21 Jan 2015 00:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 127464
Ion Ratio Lower Upper
184 100
185 15.3 11.4 17.2
183 11.2 9.0 13.6

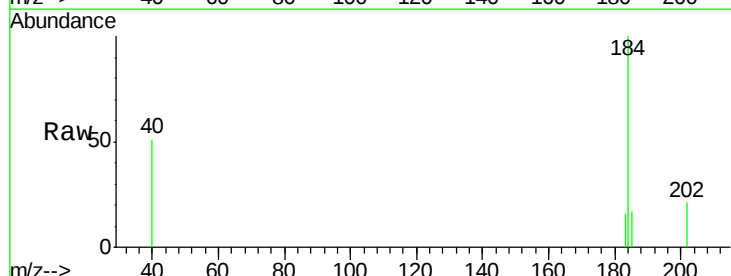


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

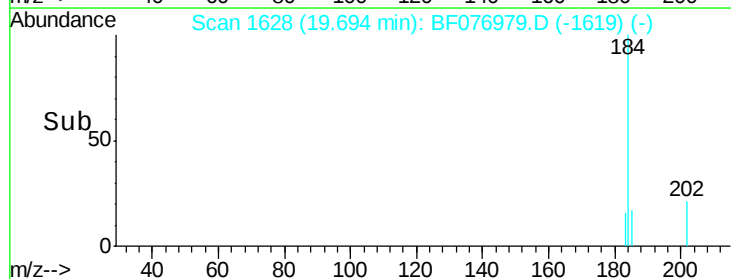
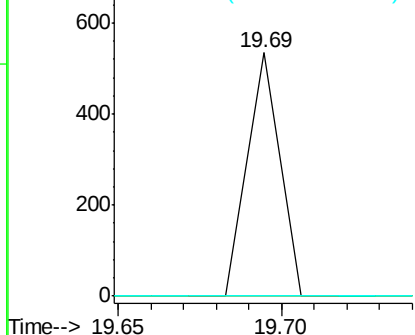


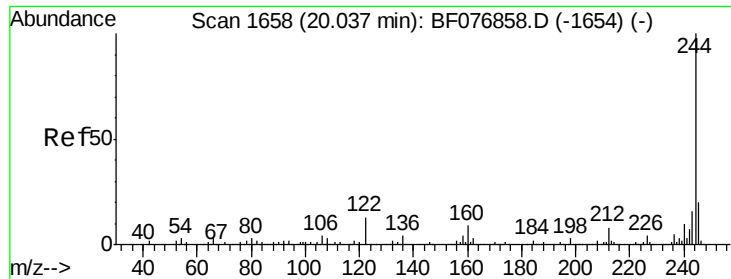
#77
Pyrene
Concen: 8.71 ng
RT: 19.69 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BF076979.D
Acq: 21 Jan 2015 00:47

Tgt Ion:202 Resp: 367
Ion Ratio Lower Upper
202 100
200 0.0 16.7 25.1#
203 0.0 14.0 21.0#



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: 25.90 ng

RT: 19.96 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BF076979.D

Acq: 21 Jan 2015 00:47

Instrument :

BNA_F

ClientSampleId :

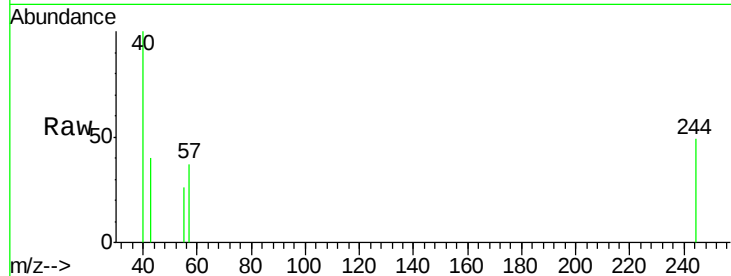
Tot Ion:244 Resp: 692

Ion Ratio Lower Upper

244 100

212 0.0 6.3 9.5#

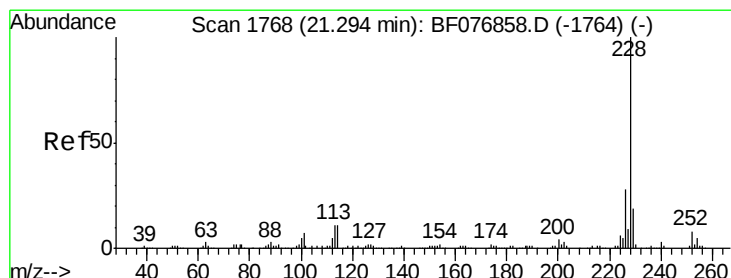
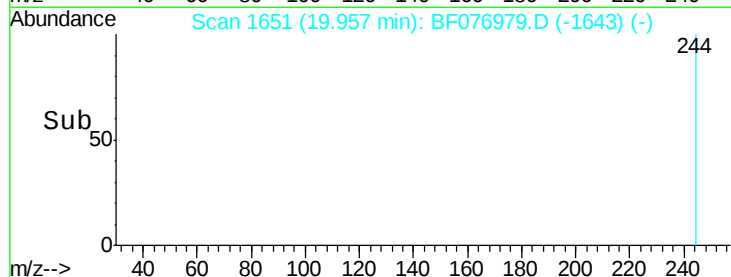
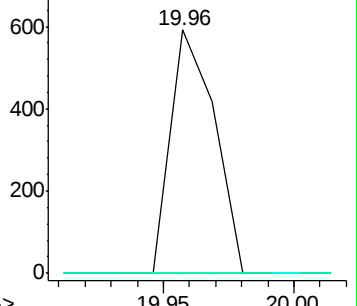
122 0.0 10.1 15.1#



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: 11.43 ng

RT: 21.23 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF076979.D

Acq: 21 Jan 2015 00:47

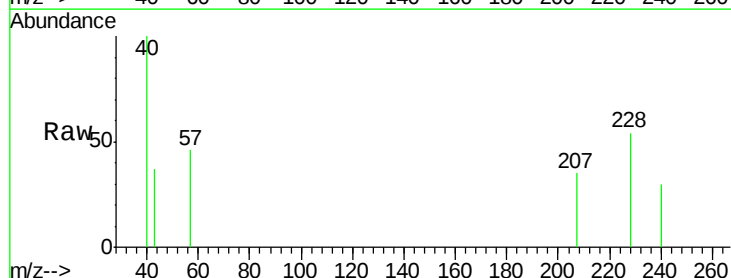
Tgt Ion:228 Resp: 441

Ion Ratio Lower Upper

228 100

226 0.0 22.1 33.1#

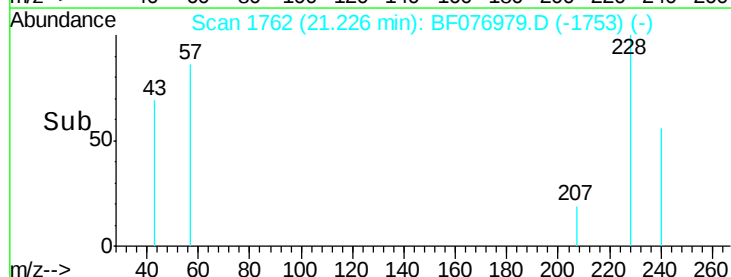
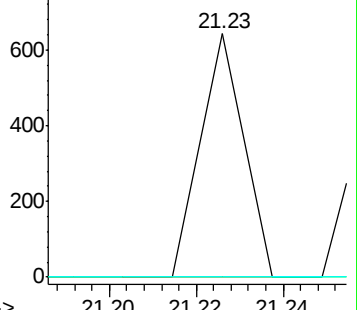
229 0.0 15.5 23.3#

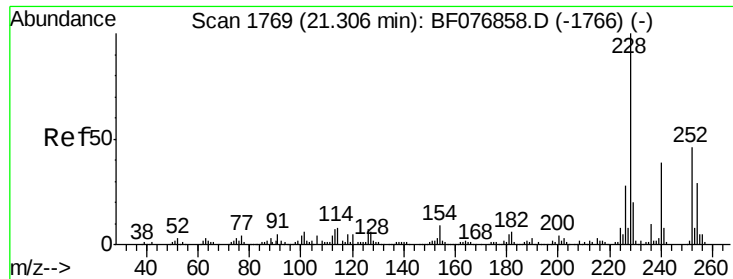


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

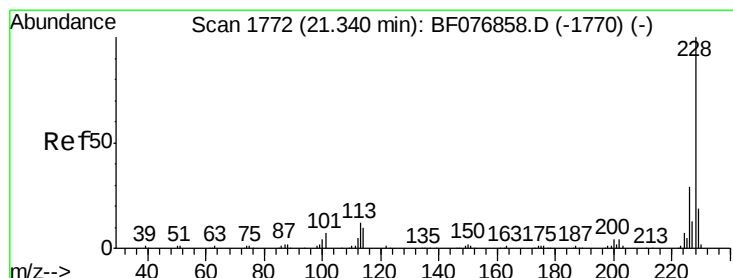
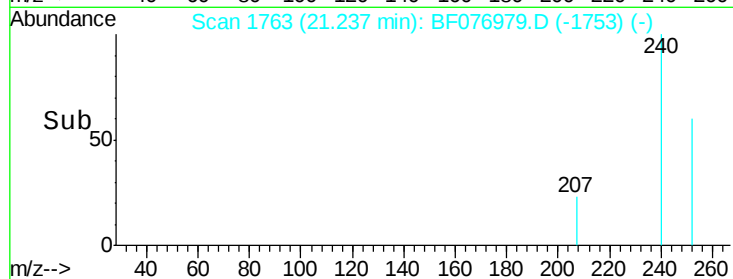
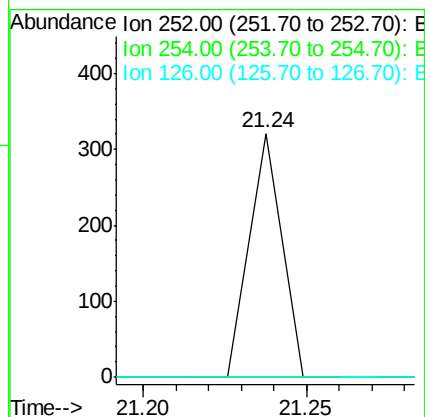
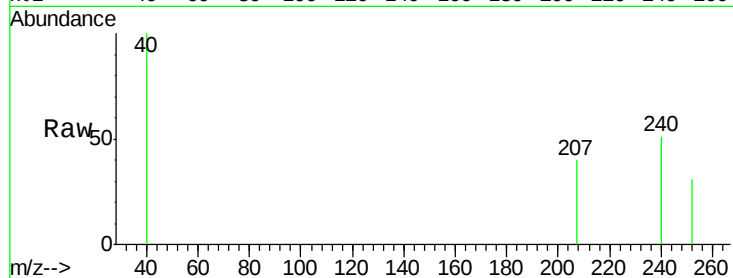




#81
 3,3'-Dichlorobenzidine
 Concen: 17.94 ng
 RT: 21.24 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: BF076979.D
 Acq: 21 Jan 2015 00:47

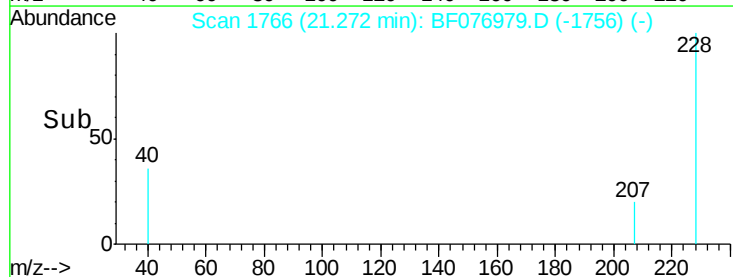
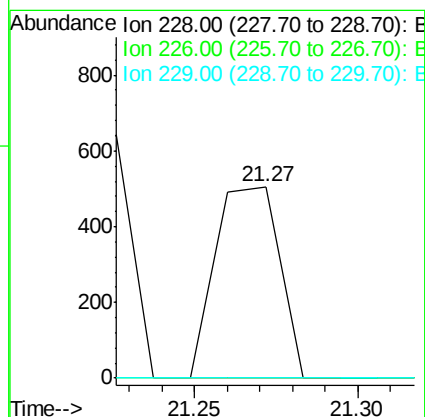
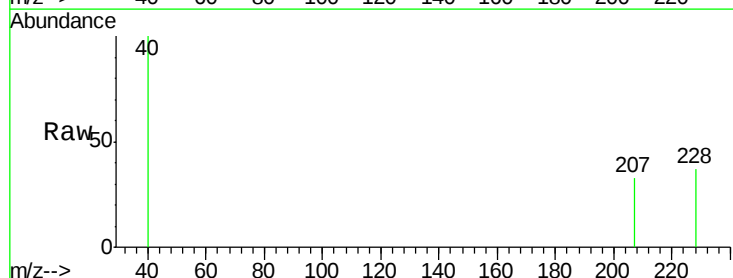
Instrument :
 BNA_F
 ClientSampleId :

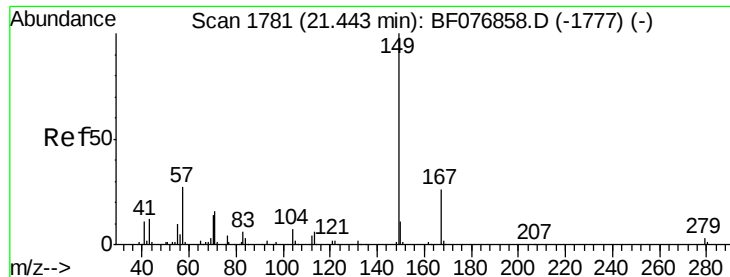
Tot Ion:252 Resp: 220
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.2 75.4#
 126 0.0 11.5 17.3#



#82
 Chrysene
 Concen: 19.47 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. 0.01 min
 Lab File: BF076979.D
 Acq: 21 Jan 2015 00:47

Tgt Ion:228 Resp: 685
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.4 35.0#
 229 0.0 15.4 23.0#





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.84 ng

RT: 21.36 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF076979.D

Acq: 21 Jan 2015 00:47

Instrument :

BNA_F

ClientSampleId :

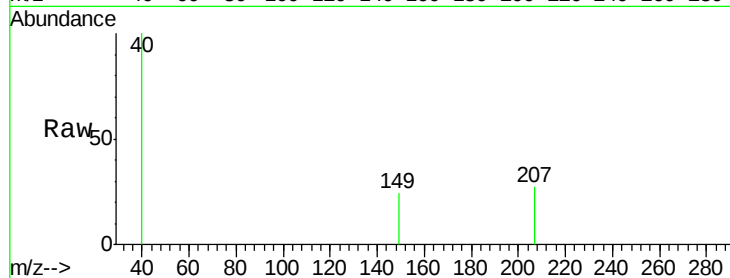
Tot Ion:149 Resp: 260

Ion Ratio Lower Upper

149 100

167 0.0 20.6 30.8#

279 0.0 2.2 3.2#



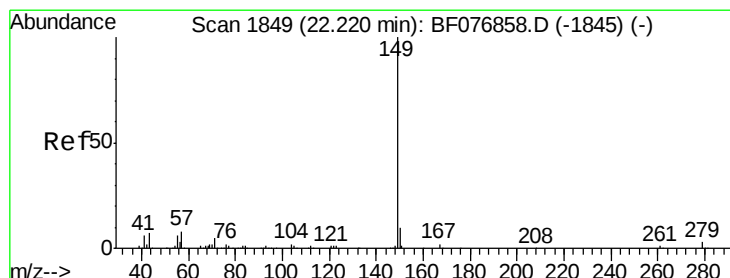
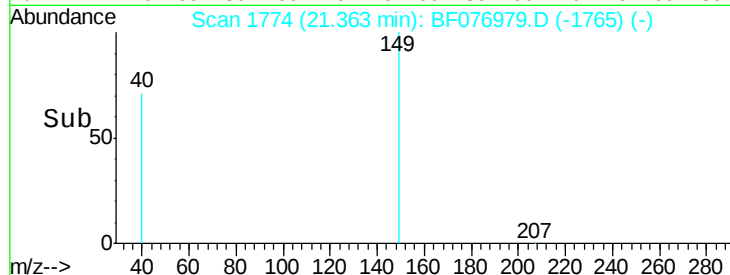
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.36

Time-->



#84

Di-n-octyl phthalate

Concen: 5.80 ng

RT: 22.13 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF076979.D

Acq: 21 Jan 2015 00:47

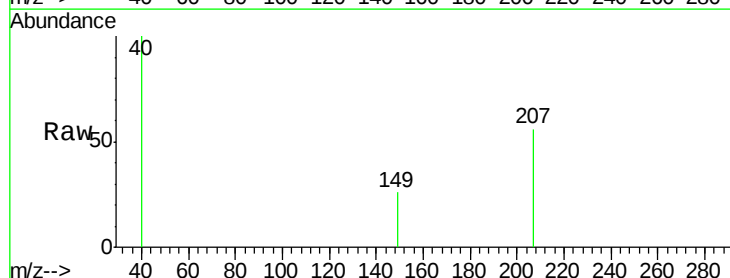
Tgt Ion:149 Resp: 266

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 0.0 6.6 10.0#



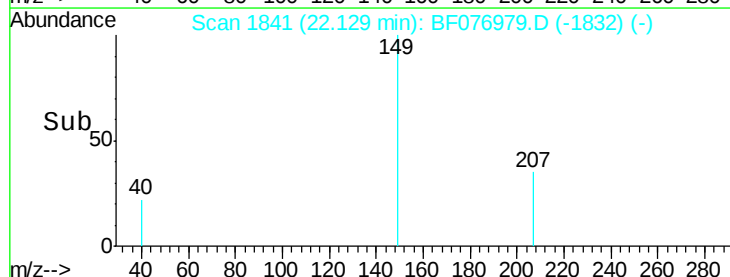
Abundance Ion 149.00 (148.70 to 149.70): E

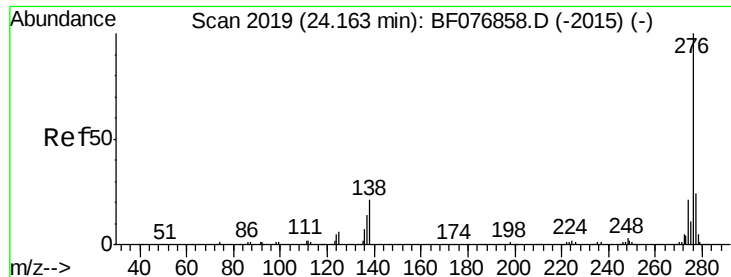
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

22.13

Time-->

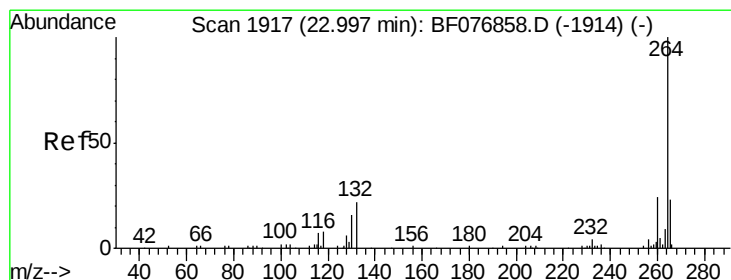
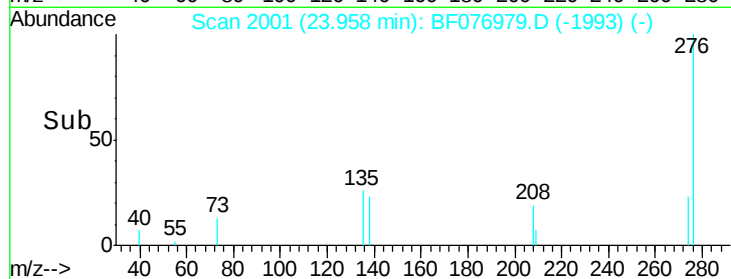
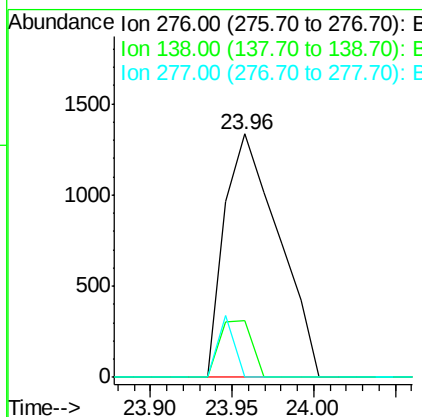
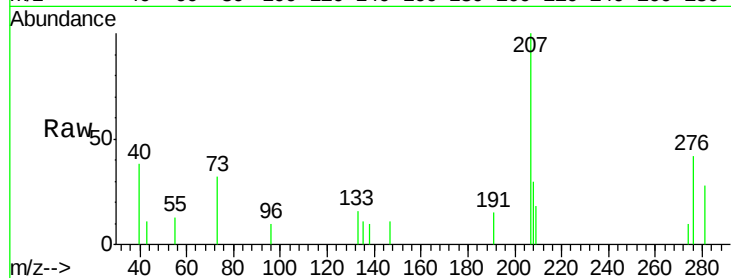




#85
Indeno(1,2,3-cd)pyrene
Concen: 82.19 ng
RT: 23.96 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF076979.D
Acq: 21 Jan 2015 00:47

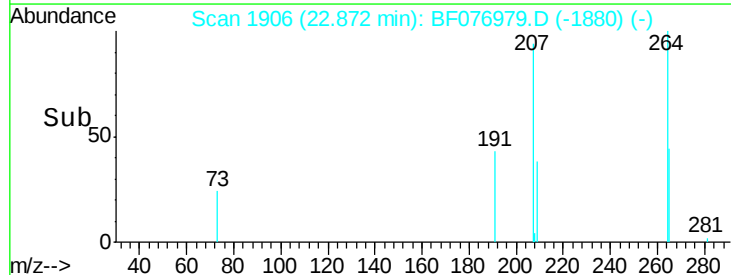
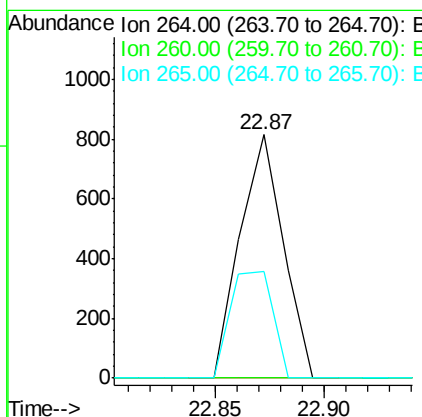
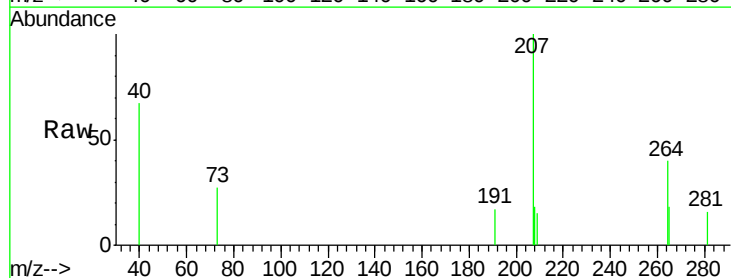
Instrument :
BNA_F
ClientSampleId :

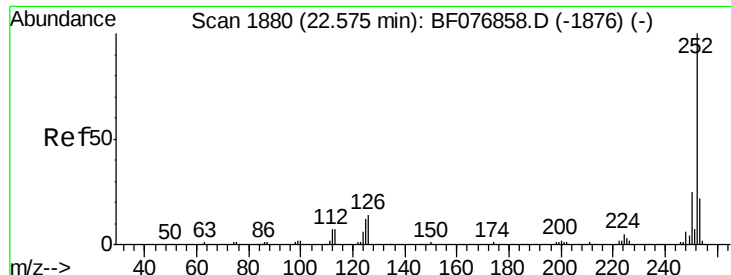
Tot Ion:276 Resp: 3065
Ion Ratio Lower Upper
276 100
138 13.7 14.6 22.0#
277 7.7 14.8 22.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.87 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF076979.D
Acq: 21 Jan 2015 00:47

Tgt Ion:264 Resp: 1127
Ion Ratio Lower Upper
264 100
260 0.0 19.0 28.4#
265 44.0 18.1 27.1#

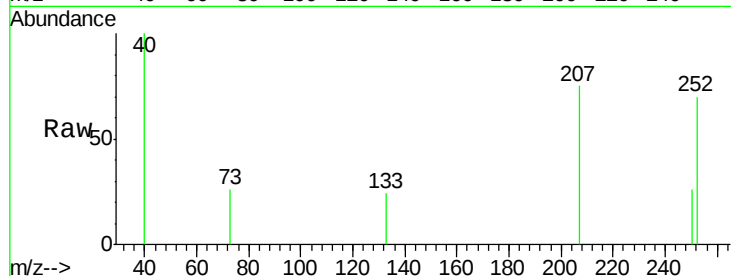




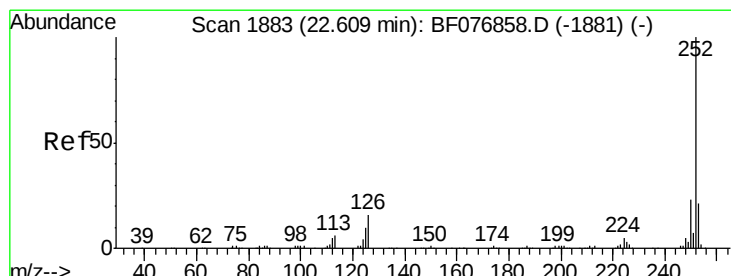
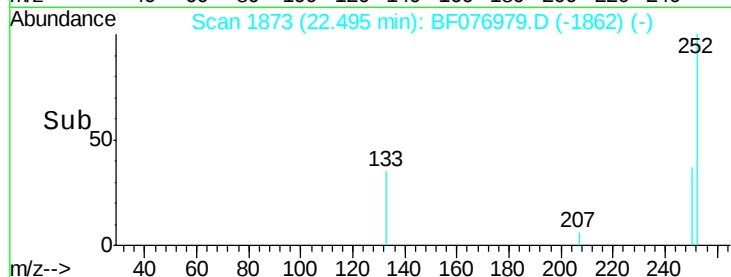
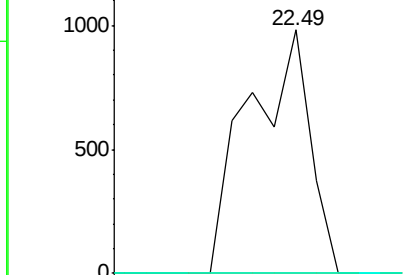
#87
Benzo(b)fluoranthene
Concen: 29.79 ng
RT: 22.49 min Scan# 1873
Delta R.T. 0.02 min
Lab File: BF076979.D
Acq: 21 Jan 2015 00:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2261
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 9.4 14.0#

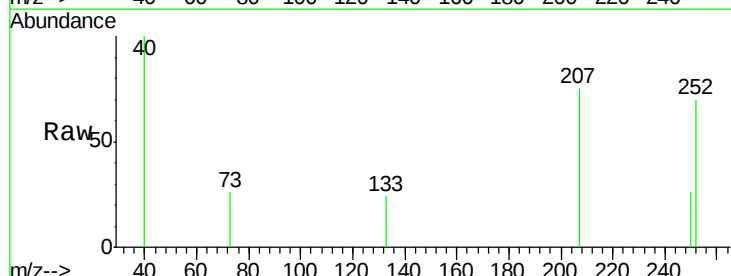


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

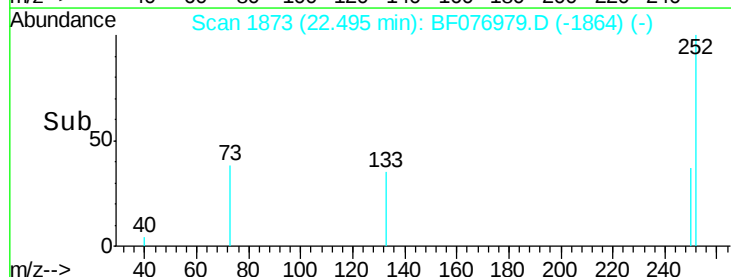
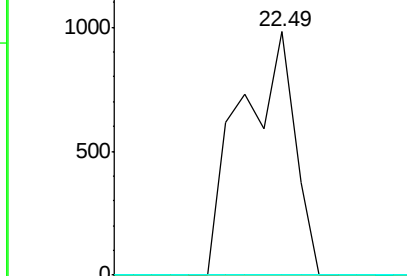


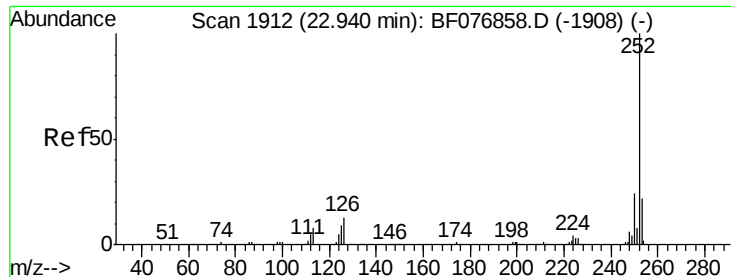
#88
Benzo(k)fluoranthene
Concen: 34.09 ng
RT: 22.49 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BF076979.D
Acq: 21 Jan 2015 00:47

Tgt Ion:252 Resp: 2261
Ion Ratio Lower Upper
252 100
253 0.0 17.2 25.8#
125 0.0 7.1 10.7#



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

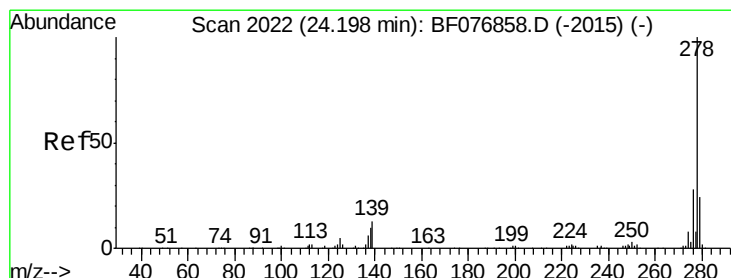
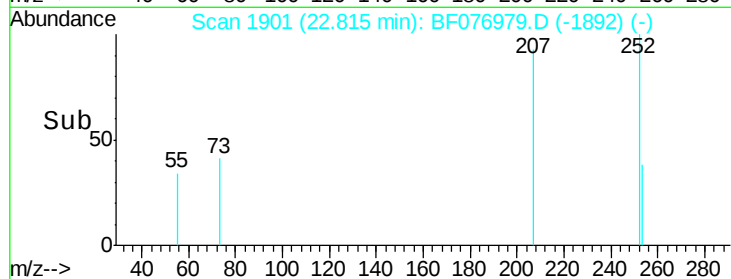
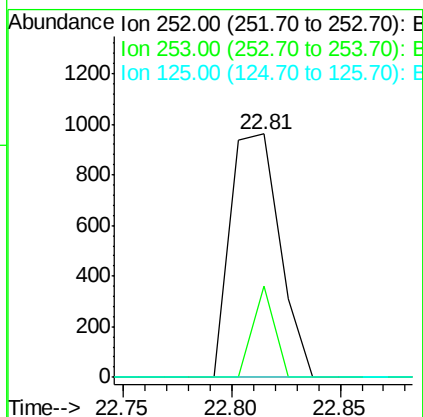
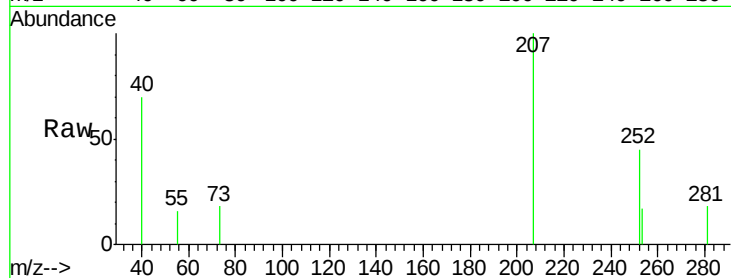




#89
Benzo(a)pyrene
Concen: 22.63 ng
RT: 22.81 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BF076979.D
Acq: 21 Jan 2015 00:47

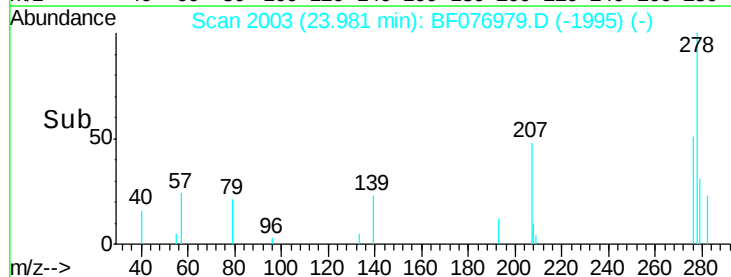
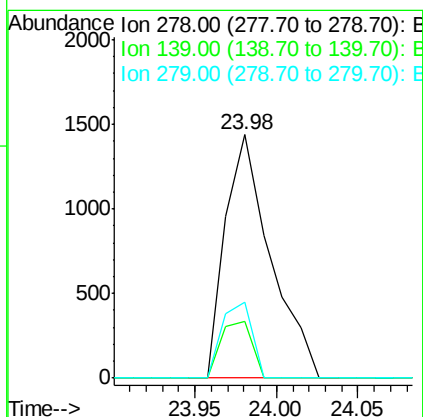
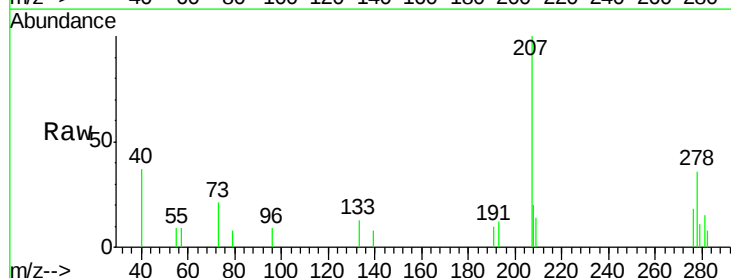
Instrument :
BNA_F
ClientSampleId :

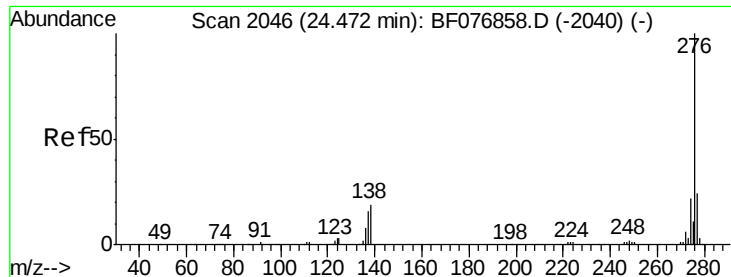
Tot Ion:252 Resp: 1515
Ion Ratio Lower Upper
252 100
253 37.5 17.9 26.9#
125 0.0 7.2 10.8#



#90
Dibenzo(a,h)anthracene
Concen: 44.83 ng
RT: 23.98 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF076979.D
Acq: 21 Jan 2015 00:47

Tgt Ion:278 Resp: 2754
Ion Ratio Lower Upper
278 100
139 23.4 10.5 15.7#
279 31.4 19.3 28.9#





#91

Benzo(a,h,i)perylene

Concen: 27.25 ng

RT: 24.24 min Scan# 2026

Delta R.T. -0.01 min

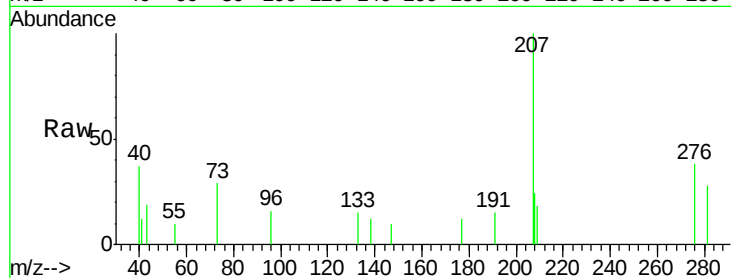
Lab File: BF076979.D

Acq: 21 Jan 2015 00:47

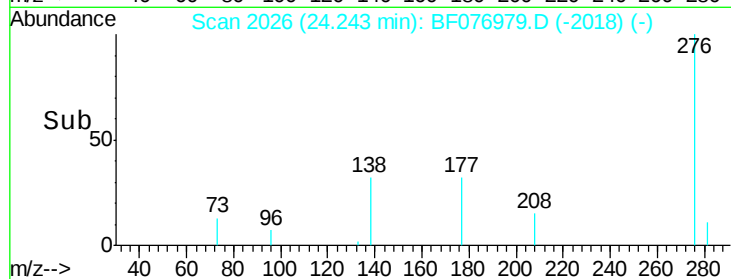
Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	1664
Ion Ratio	Lower	Upper	
276	100		
277	0.0	19.5	29.3#
138	32.1	15.0	22.6#



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

