

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079176.D
 Acq On : 13 May 2015 00:04
 Operator : TP/IZ
 Sample : G2197-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-SAMPLE

Quant Time: May 13 02:30:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 00:53:14 2015
 Response via : Initial Calibration

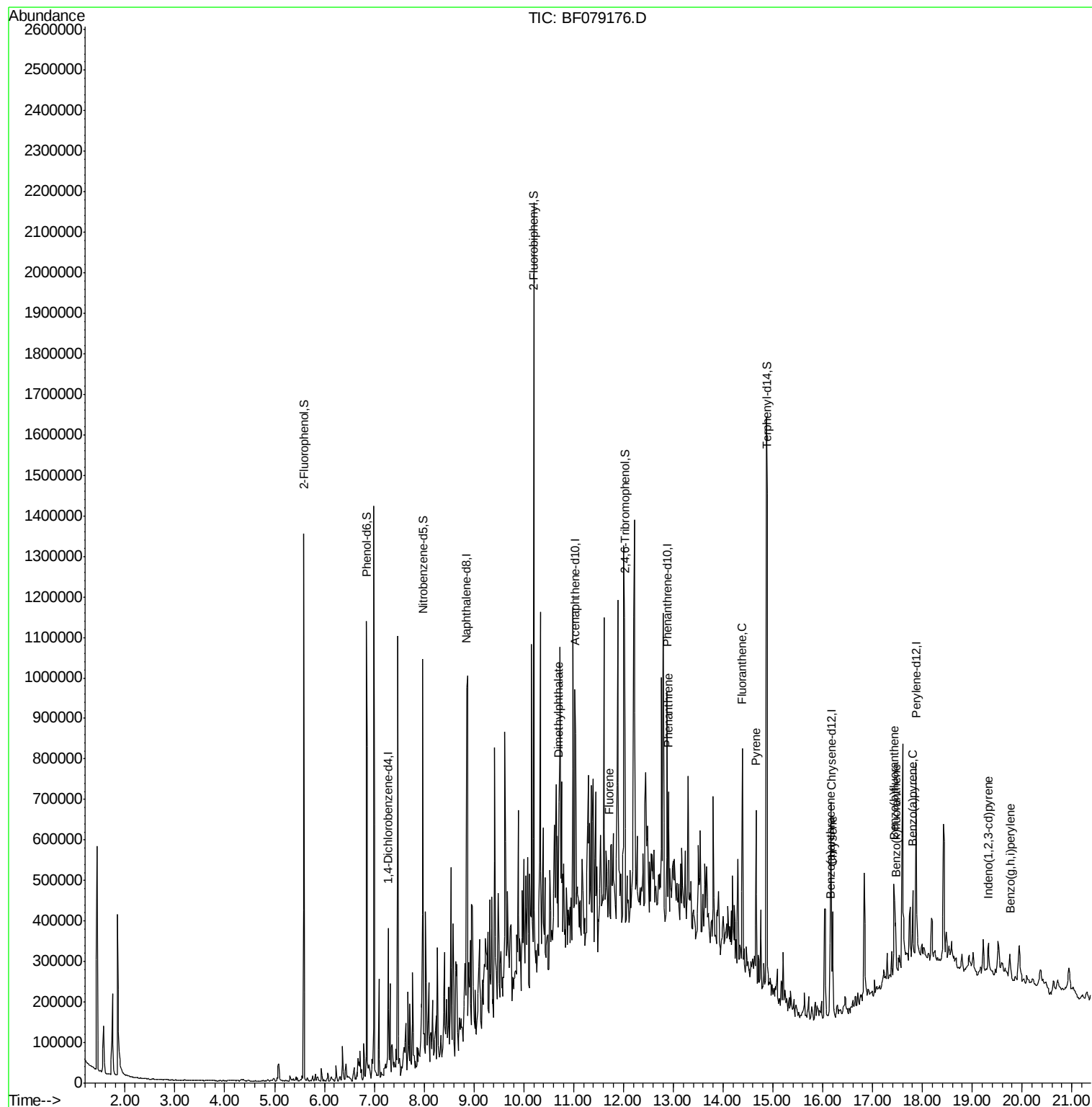
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	54572	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	223354	20.00	ng	0.00
38) Acenaphthene-d10	11.03	164	104781	20.00	ng	-0.01
63) Phenanthrene-d10	12.88	188	203455	20.00	ng	0.00
75) Chrysene-d12	16.17	240	222171	20.00	ng	-0.02
86) Perylene-d12	17.87	264	234507	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	415876	131.18	ng	0.01
7) Phenol-d6	6.84	99	531922	126.93	ng	0.00
23) Nitrobenzene-d5	7.98	82	318774	82.03	ng	0.00
41) 2,4,6-Tribromophenol	12.02	330	146336	129.10	ng	0.01
44) 2-Fluorobiphenyl	10.20	172	593155	78.87	ng	0.00
78) Terphenyl-d14	14.88	244	681173	73.40	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.71	163	40333	5.24	ng	98
57) Fluorene	11.71	166	27049	3.59	ng	# 82
70) Phenanthrene	12.90	178	176551	15.51	ng	99
74) Fluoranthene	14.39	202	237977	20.07	ng	95
77) Pyrene	14.66	202	199088	15.55	ng	# 95
80) Benzo(a)anthracene	16.15	228	81451	6.69	ng	97
82) Chrysene	16.19	228	102703	8.78	ng	97
85) Indeno(1,2,3-cd)pyrene	19.33	276	55320m	3.71	ng	
87) Benzo(b)fluoranthene	17.43	252	142120	11.07	ng	# 94
88) Benzo(k)fluoranthene	17.46	252	43373m	3.49	ng	
89) Benzo(a)pyrene	17.81	252	80848	6.84	ng	# 94
91) Benzo(a,h,i)perylene	19.76	276	56197	4.46	ng	96

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079176.D
Acq On : 13 May 2015 00:04
Operator : TP/IZ
Sample : G2197-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-SAMPLE

Quant Time: May 13 02:30:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 00:53:14 2015
Response via : Initial Calibration



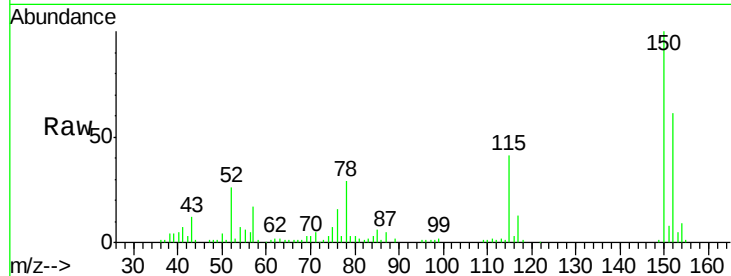


#1

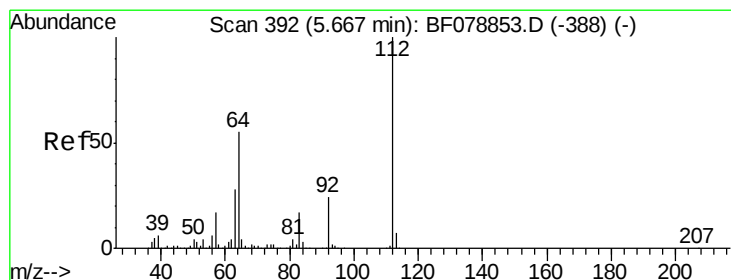
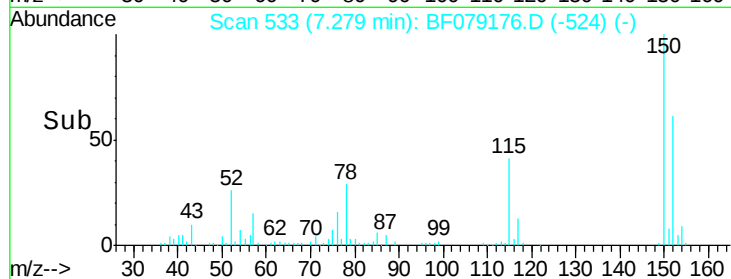
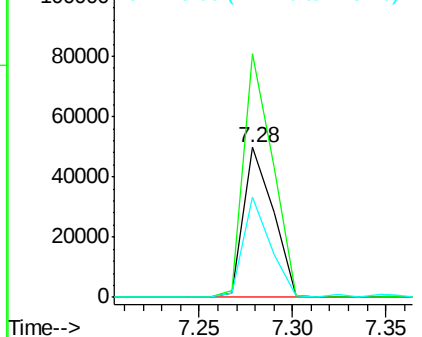
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF079176.D
Acq: 13 May 2015 00:04

Instrument :
BNA_F
ClientSampleId :
WASTE-SAMPLE

Tot Ion:152 Resp: 54572
Ion Ratio Lower Upper
152 100
150 162.7 122.0 183.0
115 66.9 46.3 69.5



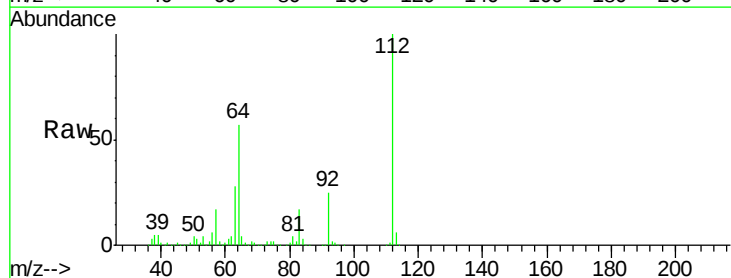
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



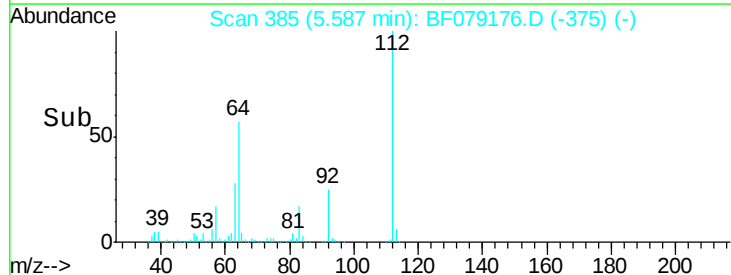
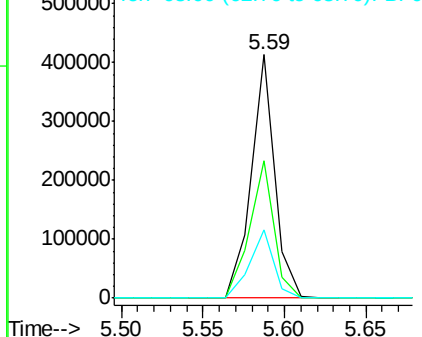
#5

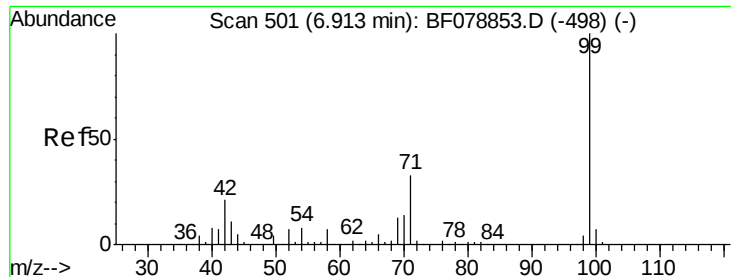
2-Fluorophenol
Concen: 131.18 ng
RT: 5.59 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF079176.D
Acq: 13 May 2015 00:04

Tgt Ion:112 Resp: 415876
Ion Ratio Lower Upper
112 100
64 56.5 53.5 80.3
63 28.2 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.93 ng

RT: 6.84 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF079176.D

Acq: 13 May 2015 00:04

Instrument :

BNA_F

ClientSampleId :

WASTE-SAMPLE

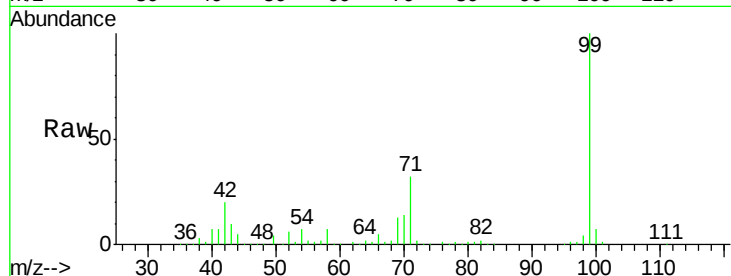
Tot Ion: 99 Resp: 531922

Ion Ratio Lower Upper

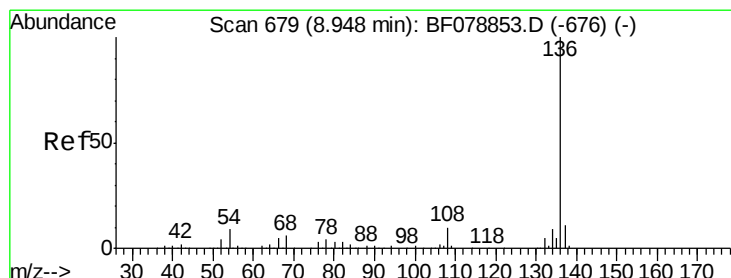
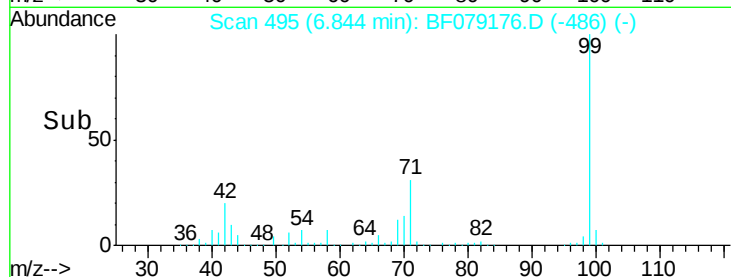
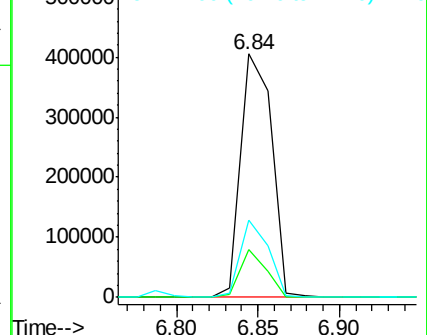
99 100

42 19.7 12.8 19.2#

71 31.9 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: 8.86 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF079176.D

Acq: 13 May 2015 00:04

Tgt Ion: 136 Resp: 223354

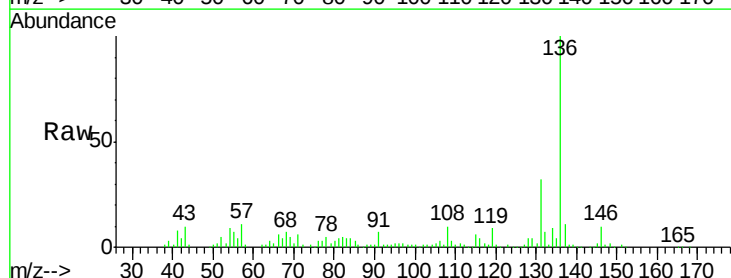
Ion Ratio Lower Upper

136 100

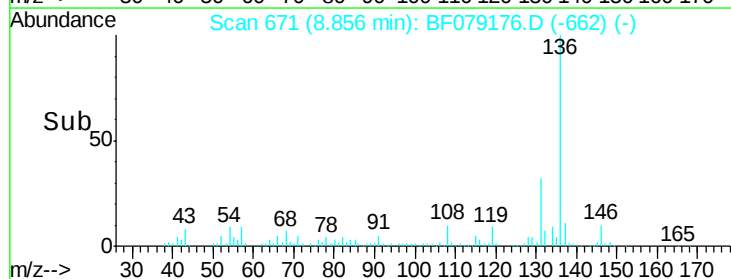
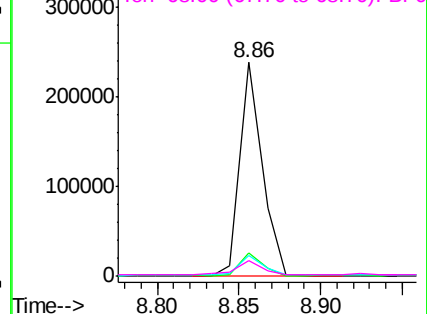
137 11.1 8.7 13.1

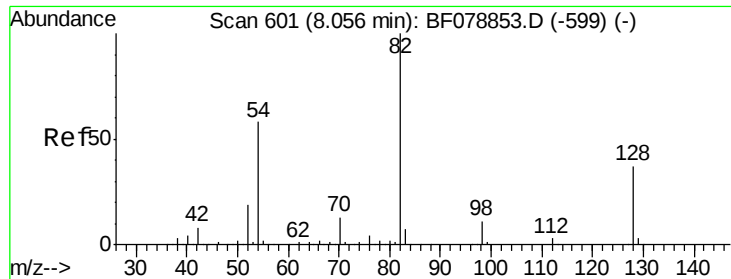
54 9.4 5.8 8.8#

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

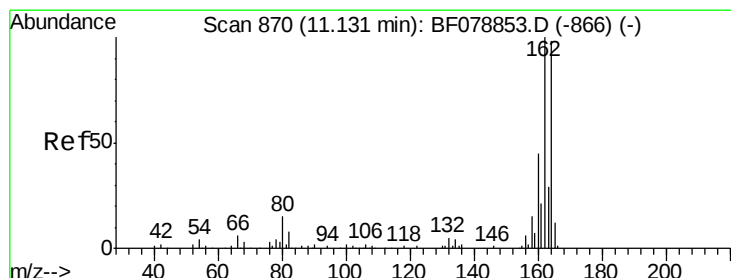
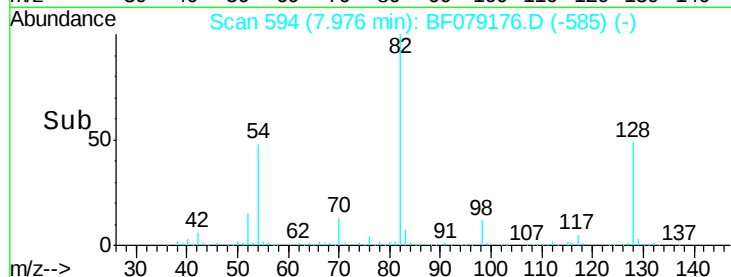
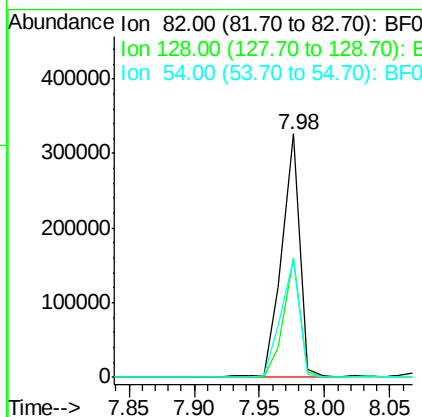
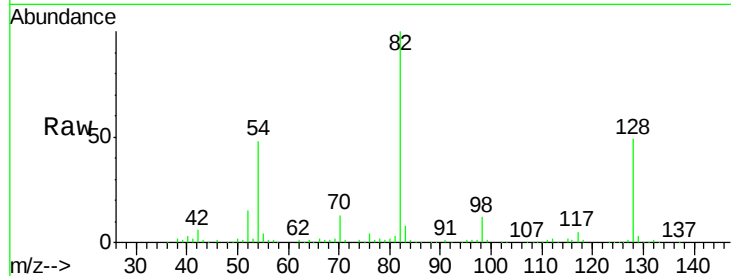




#23
Nitrobenzene-d5
Concen: 82.03 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF079176.D
Acq: 13 May 2015 00:04

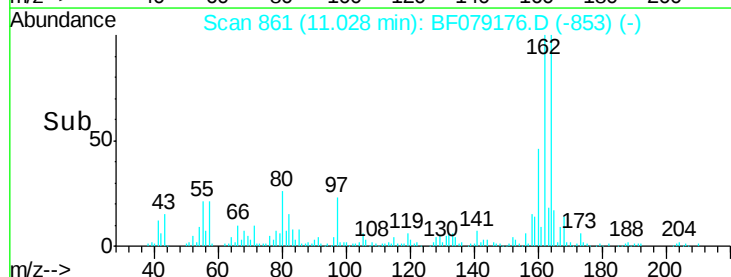
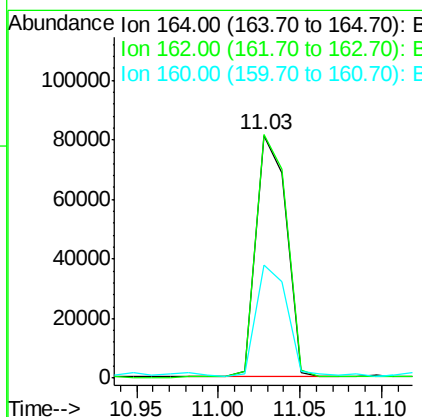
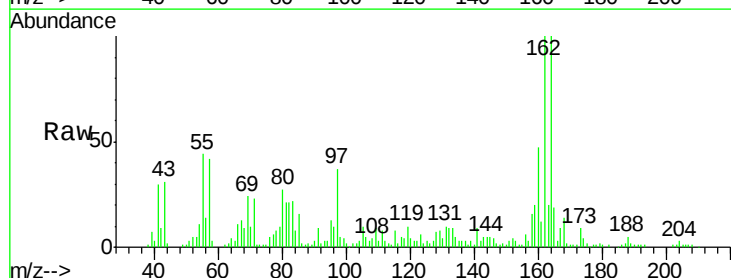
Instrument :
BNA_F
ClientSampleId :
WASTE-SAMPLE

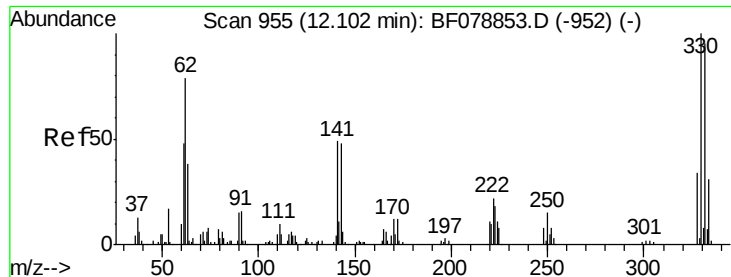
Tot Ion: 82 Resp: 318774
Ion Ratio Lower Upper
82 100
128 49.3 30.0 45.0#
54 48.5 46.4 69.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF079176.D
Acq: 13 May 2015 00:04

Tgt Ion:164 Resp: 104781
Ion Ratio Lower Upper
164 100
162 100.3 82.7 124.1
160 46.8 35.8 53.8

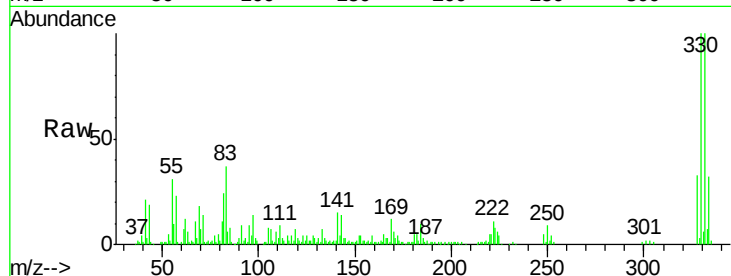




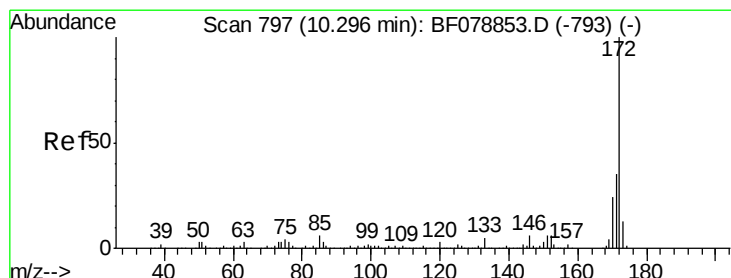
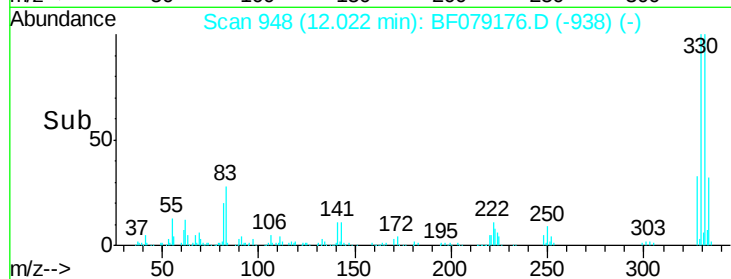
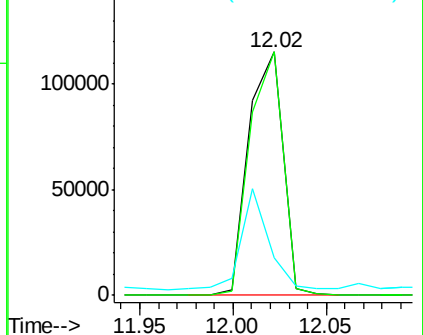
#41
 2,4,6-Tribromophenol
 Concen: 129.10 ng
 RT: 12.02 min Scan# 948
 Delta R.T. 0.01 min
 Lab File: BF079176.D
 Acq: 13 May 2015 00:04

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-SAMPLE

Tot Ion:330 Resp: 146336
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 33.3 0.0 0.0#

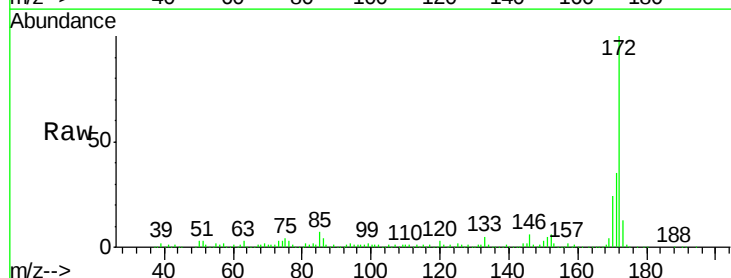


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

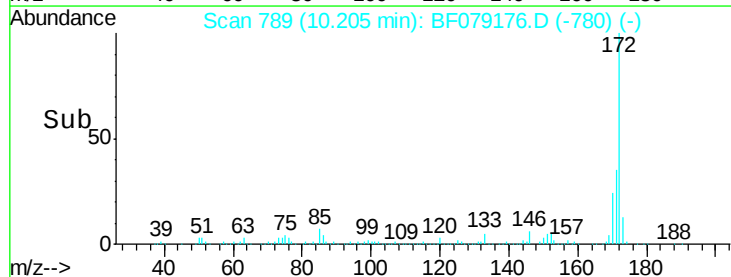
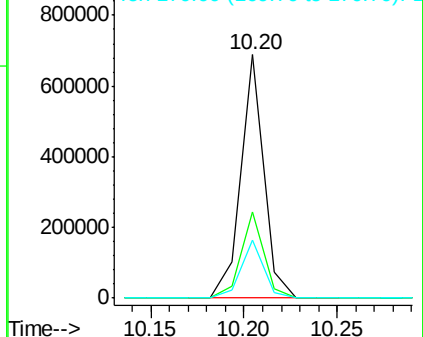


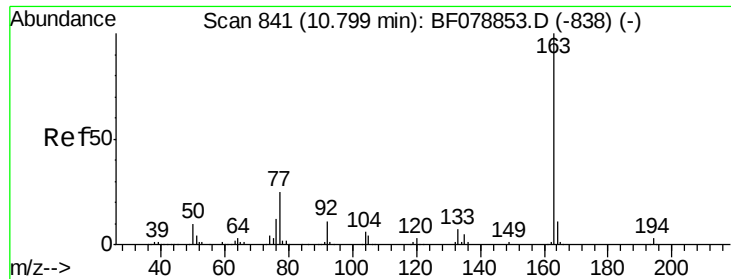
#44
 2-Fluorobiphenyl
 Concen: 78.87 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF079176.D
 Acq: 13 May 2015 00:04

Tgt Ion:172 Resp: 593155
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.9 41.9
 170 24.0 19.4 29.0



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

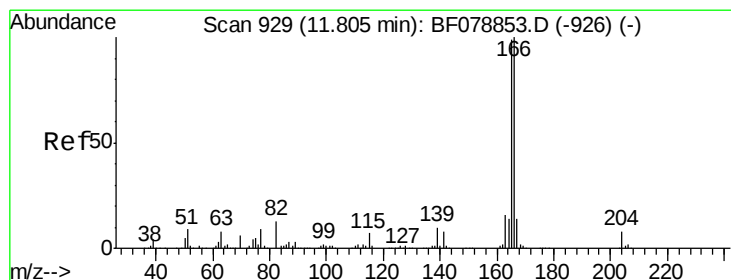
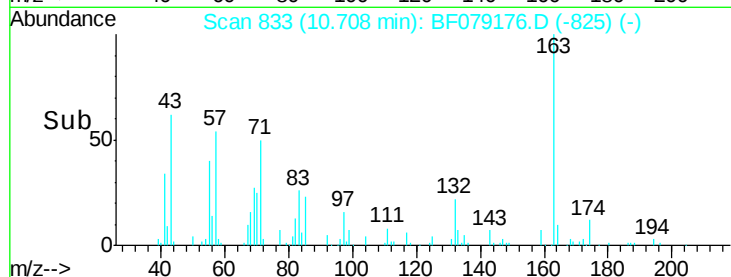
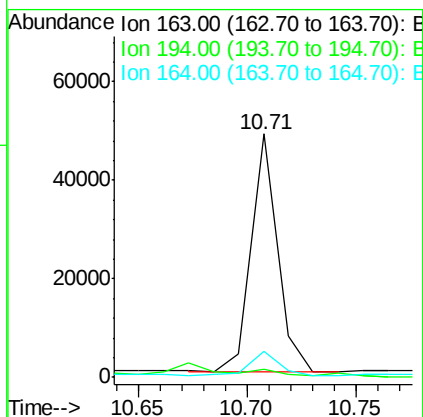
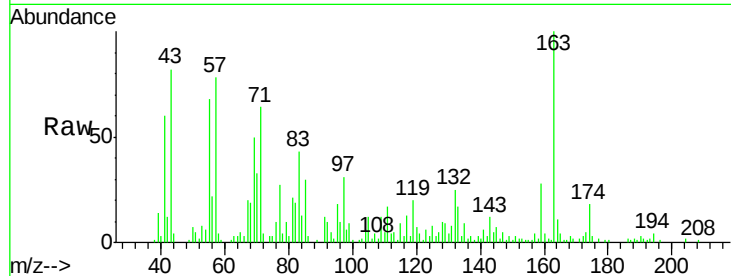




#49
Dimethylphthalate
Concen: 5.24 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF079176.D
Acq: 13 May 2015 00:04

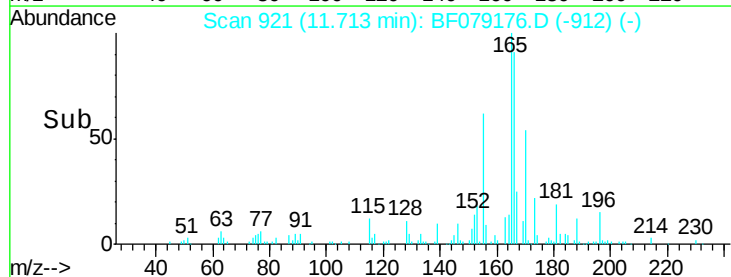
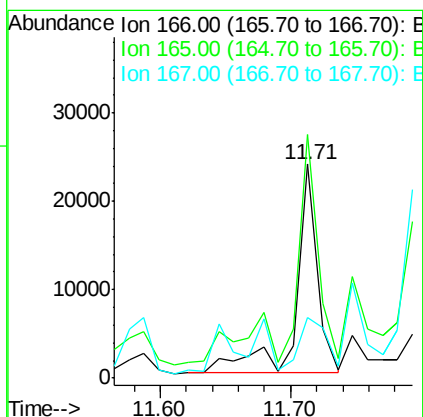
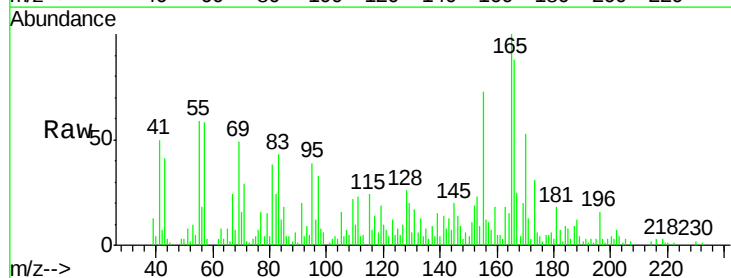
Instrument :
BNA_F
ClientSampleId :
WASTE-SAMPLE

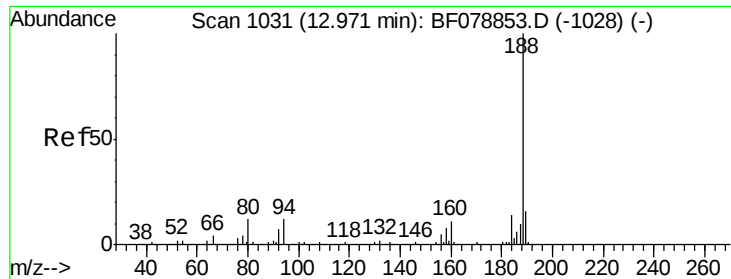
Tot Ion:163 Resp: 40333
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.9 8.1 12.1



#57
Fluorene
Concen: 3.59 ng
RT: 11.71 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF079176.D
Acq: 13 May 2015 00:04

Tgt Ion:166 Resp: 27049
Ion Ratio Lower Upper
166 100
165 113.7 78.5 117.7
167 28.6 11.0 16.6#

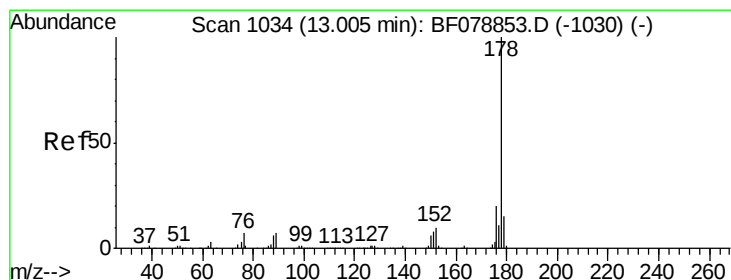
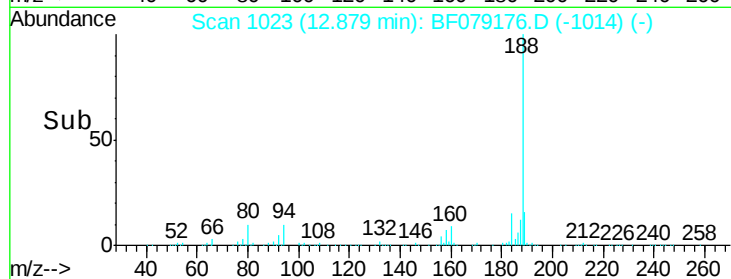
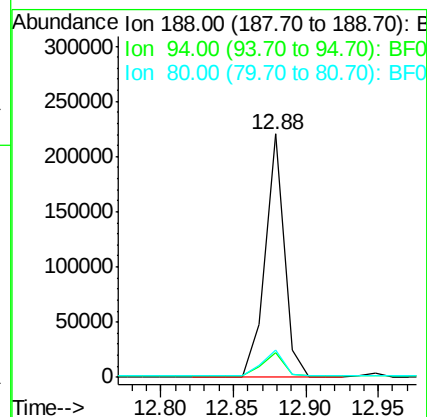
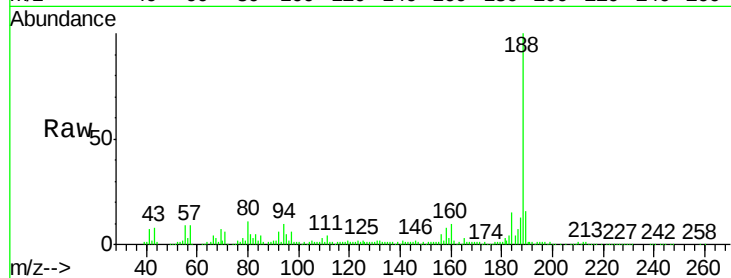




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.88 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF079176.D
 Acq: 13 May 2015 00:04

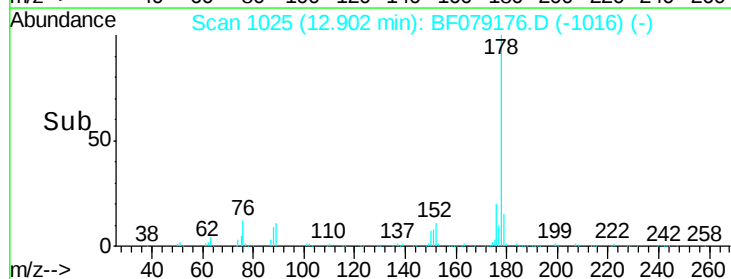
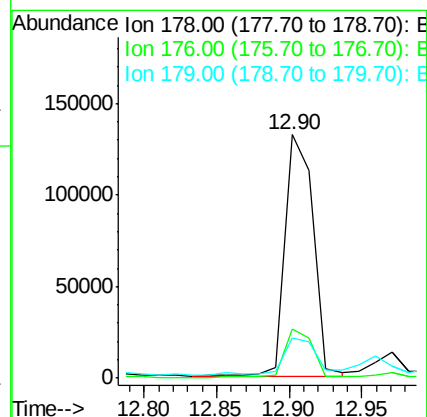
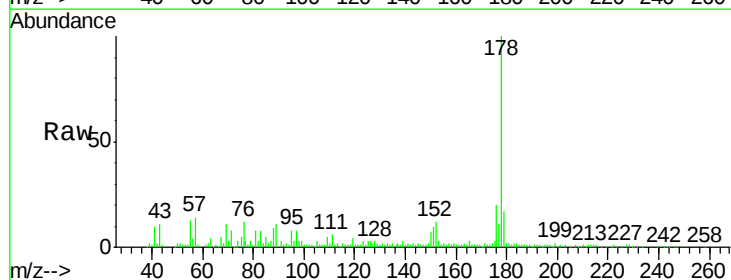
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-SAMPLE

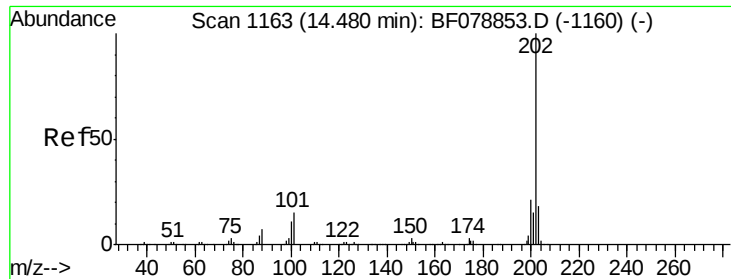
Tot Ion	188	Ratio	Lower	Upper
188	100			
94	10.3	8.2	12.2	
80	11.1	8.9	13.3	



#70
 Phenanthrene
 Concen: 15.51 ng
 RT: 12.90 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF079176.D
 Acq: 13 May 2015 00:04

Tgt Ion	178	Ratio	Lower	Upper
178	100			
176	20.1	15.8	23.8	
179	16.6	12.5	18.7	





#74

Fluoranthene

Concen: 20.07 ng

RT: 14.39 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF079176.D

Acq: 13 May 2015 00:04

Instrument :

BNA_F

ClientSampleId :

WASTE-SAMPLE

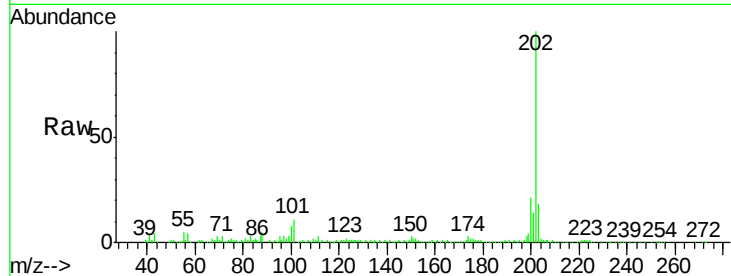
Tot Ion:202 Resp: 237977

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.6

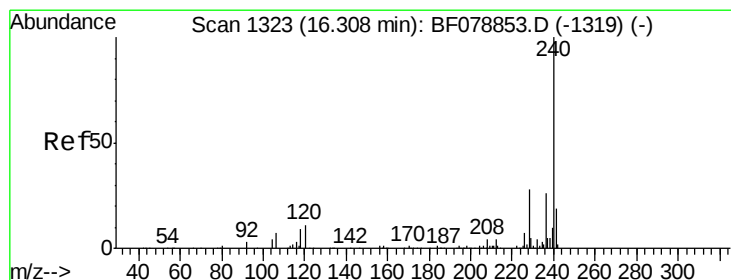
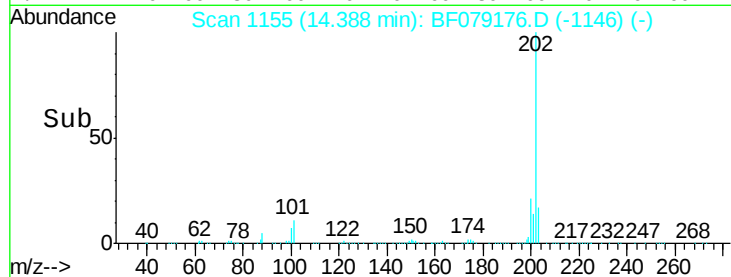
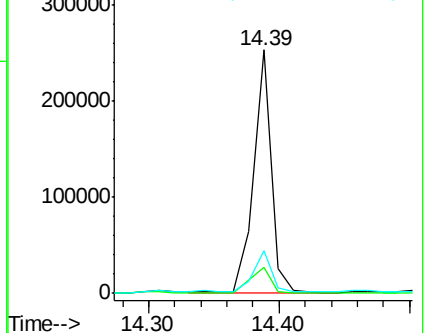
203 17.7 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.17 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF079176.D

Acq: 13 May 2015 00:04

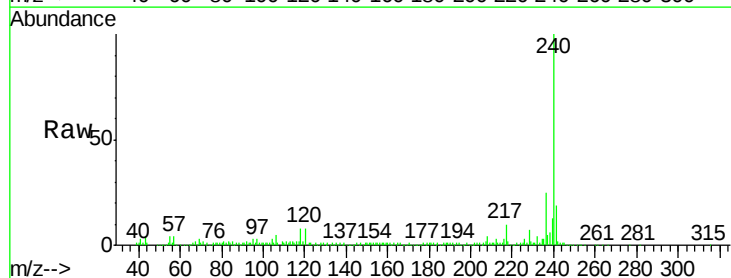
Tgt Ion:240 Resp: 222171

Ion Ratio Lower Upper

240 100

120 8.3 9.7 14.5#

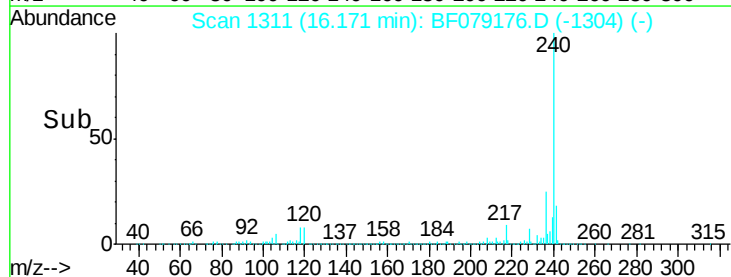
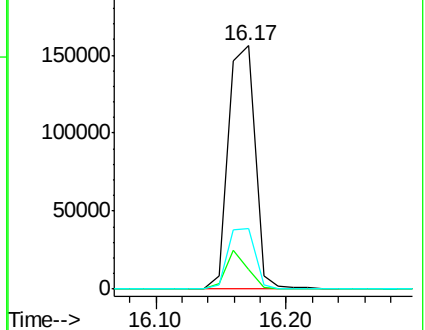
236 24.9 20.2 30.4

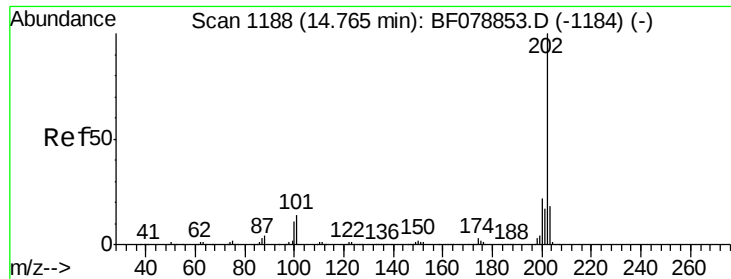


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 15.55 ng

RT: 14.66 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF079176.D

Acq: 13 May 2015 00:04

Instrument :

BNA_F

ClientSampleId :

WASTE-SAMPLE

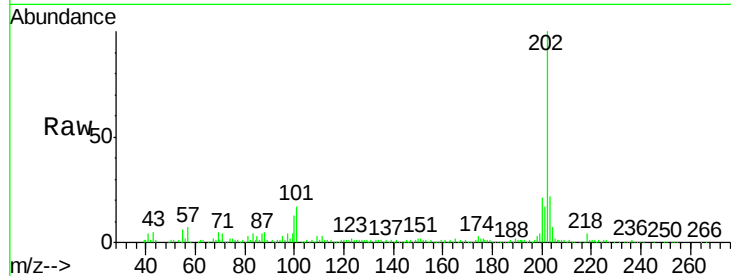
Tot Ion:202 Resp: 199088

Ion Ratio Lower Upper

202 100

200 21.4 17.5 26.3

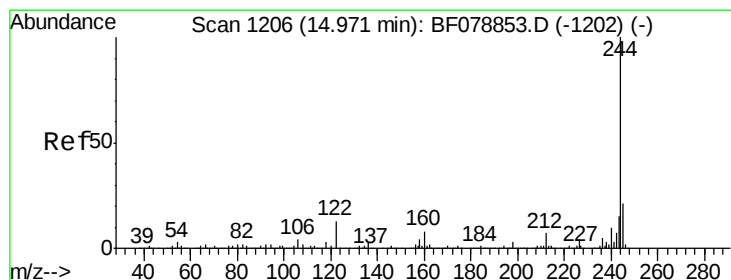
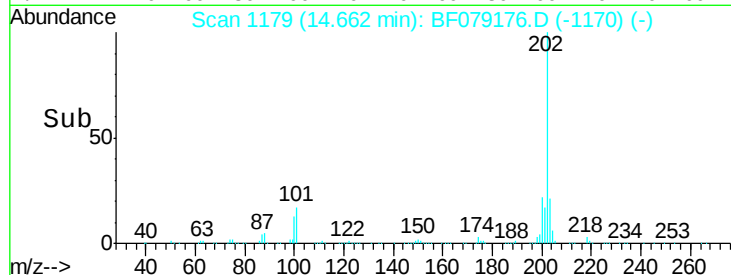
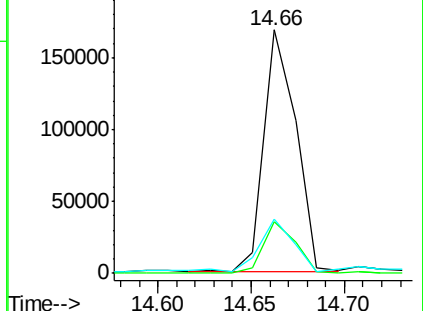
203 22.2 13.9 20.9#



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: 73.40 ng

RT: 14.88 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF079176.D

Acq: 13 May 2015 00:04

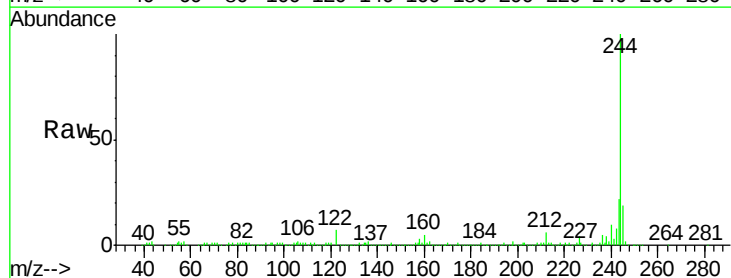
Tgt Ion:244 Resp: 681173

Ion Ratio Lower Upper

244 100

212 6.0 5.6 8.4

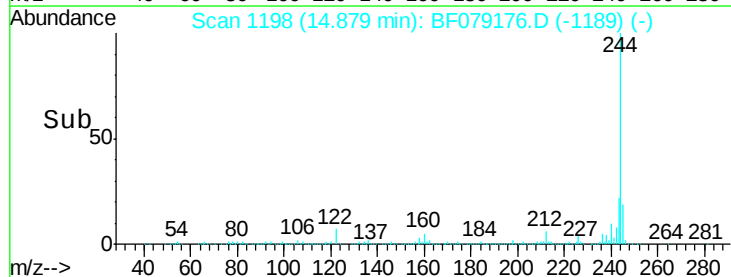
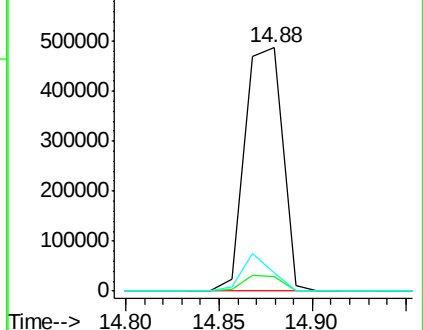
122 7.4 10.3 15.5#

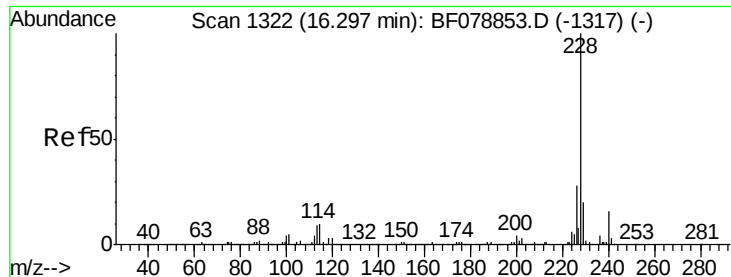


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

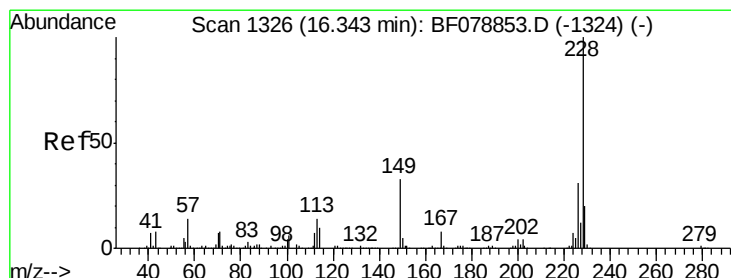
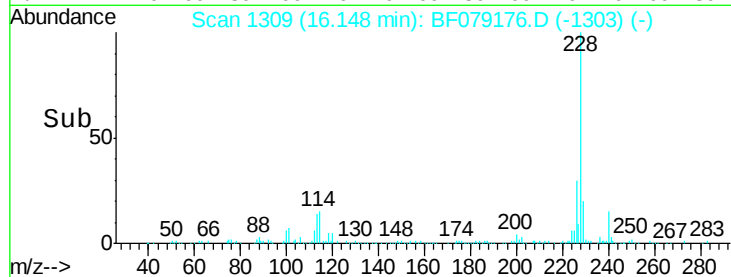
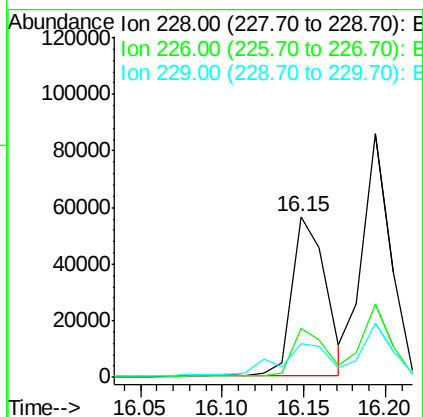
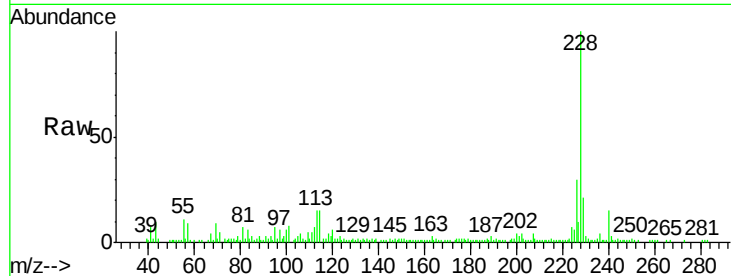




#80
Benzo(a)anthracene
Concen: 6.69 ng
RT: 16.15 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BF079176.D
Acq: 13 May 2015 00:04

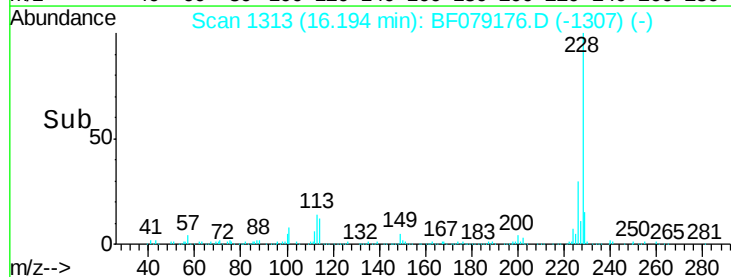
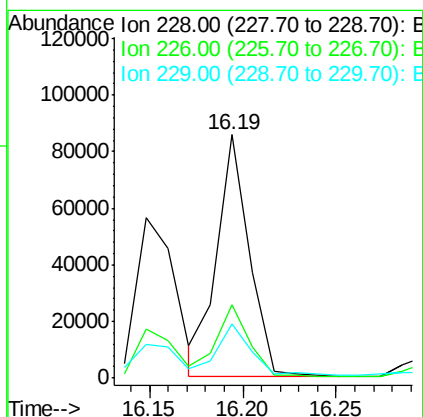
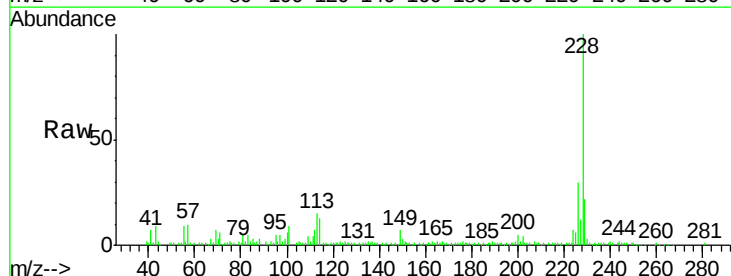
Instrument :
BNA_F
ClientSampleId :
WASTE-SAMPLE

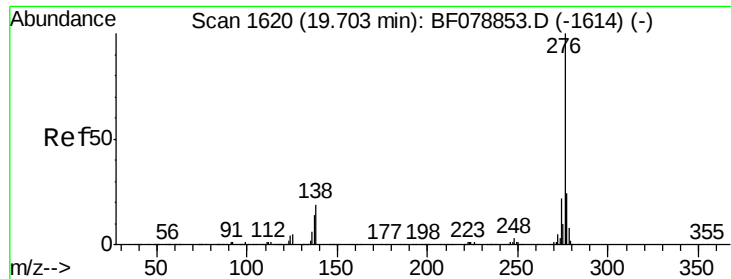
Tot Ion:228 Resp: 81451
Ion Ratio Lower Upper
228 100
226 30.3 22.6 33.8
229 21.2 15.9 23.9



#82
Chrysene
Concen: 8.78 ng
RT: 16.19 min Scan# 1313
Delta R.T. -0.03 min
Lab File: BF079176.D
Acq: 13 May 2015 00:04

Tgt Ion:228 Resp: 102703
Ion Ratio Lower Upper
228 100
226 29.9 24.9 37.3
229 22.0 16.0 24.0

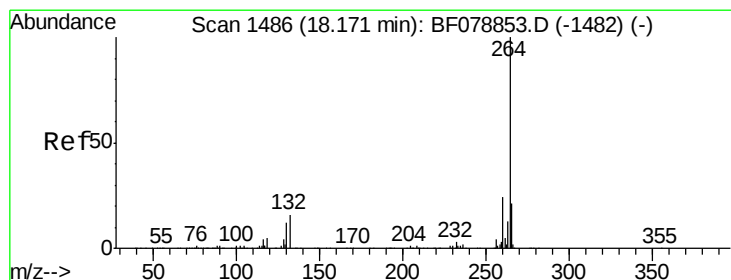
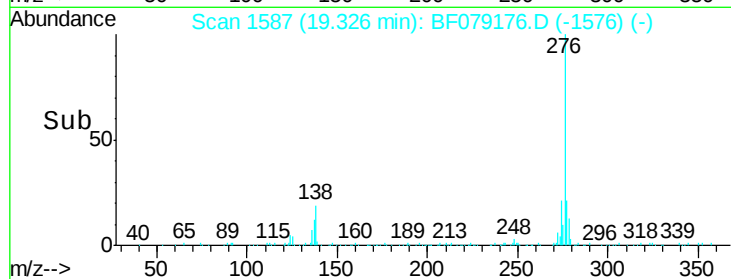
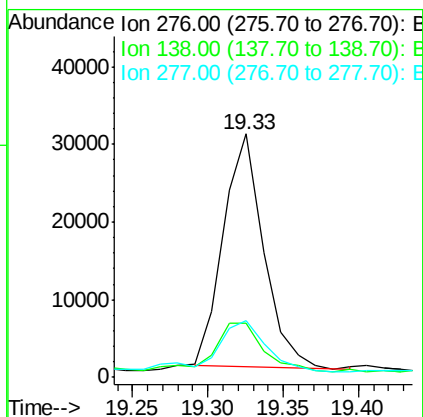
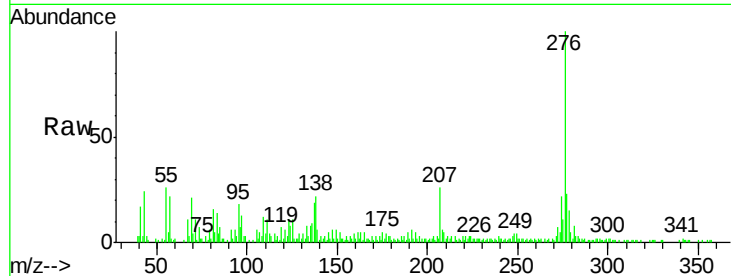




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.71 ng/mL
RT: 19.33 min Scan# 1587
Delta R.T. -0.17 min
Lab File: BF079176.D
Acq: 13 May 2015 00:04

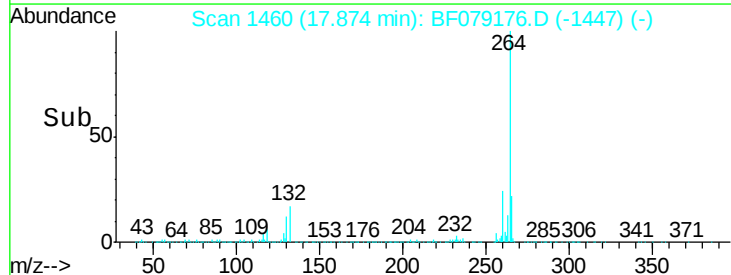
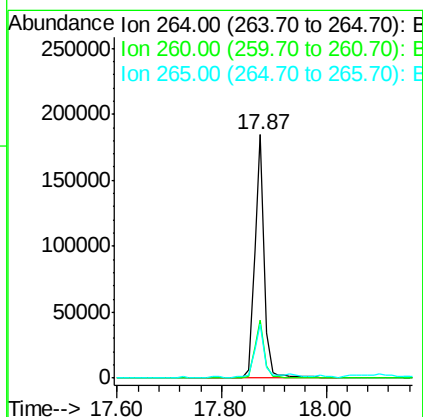
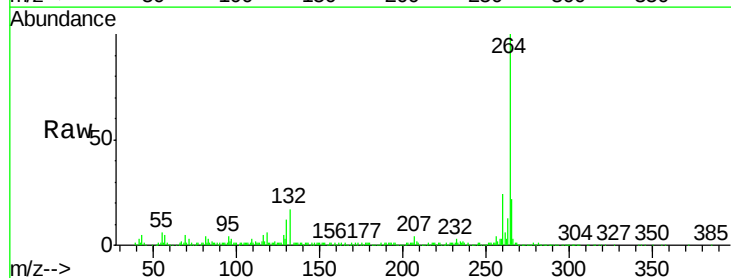
Instrument :
BNA_F
ClientSampleId :
WASTE-SAMPLE

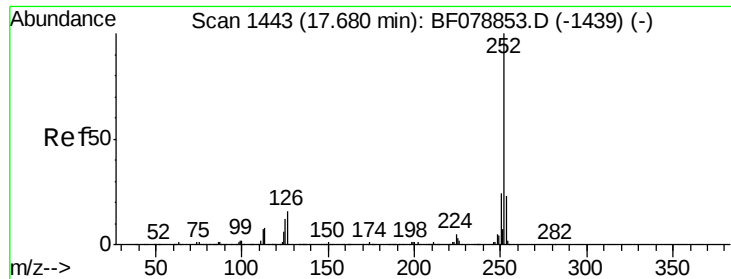
Tot Ion	Ratio	Lower	Upper
276	100		
138	1.9	0.0	0.0#
277	2.2	0.0	0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.87 min Scan# 1460
Delta R.T. -0.15 min
Lab File: BF079176.D
Acq: 13 May 2015 00:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.2	18.3	27.5





#87

Benzo(b)fluoranthene

Concen: 11.07 ng

RT: 17.43 min Scan# 1421

Delta R.T. -0.11 min

Lab File: BF079176.D

Acq: 13 May 2015 00:04

Instrument :

BNA_F

ClientSampleId :

WASTE-SAMPLE

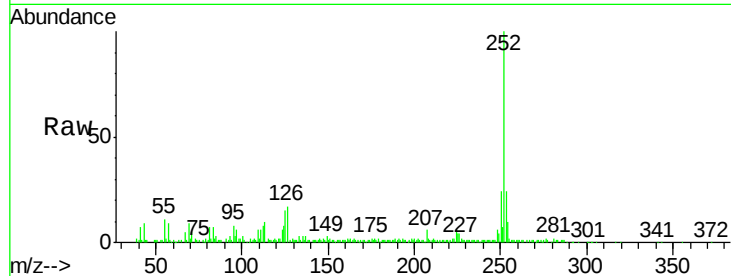
Tot Ion:252 Resp: 142120

Ion Ratio Lower Upper

252 100

253 24.2 17.7 26.5

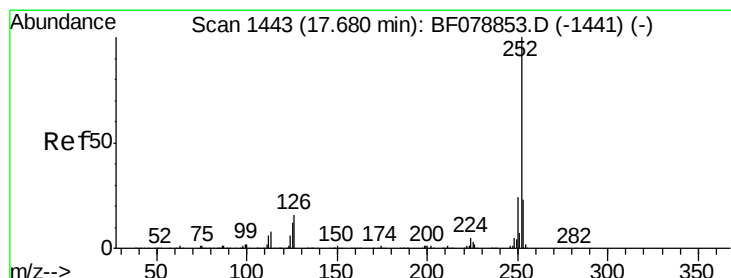
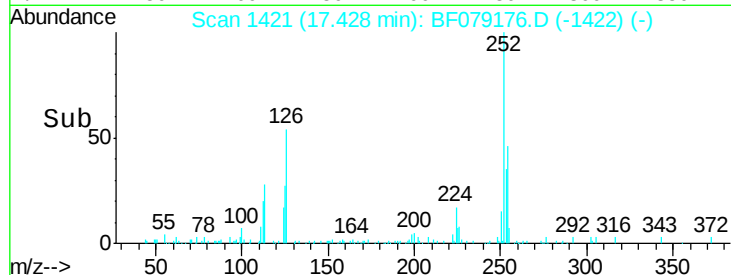
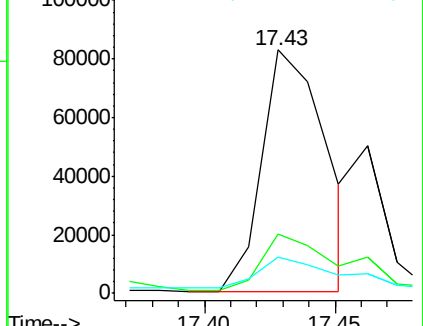
125 15.1 9.5 14.3#



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: 3.49 ng m

RT: 17.46 min Scan# 1424

Delta R.T. -0.11 min

Lab File: BF079176.D

Acq: 13 May 2015 00:04

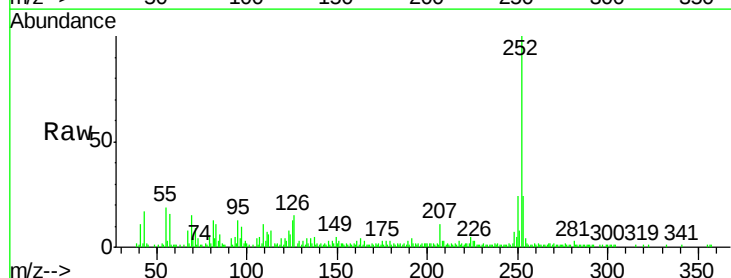
Tgt Ion:252 Resp: 43373

Ion Ratio Lower Upper

252 100

253 24.3 18.1 27.1

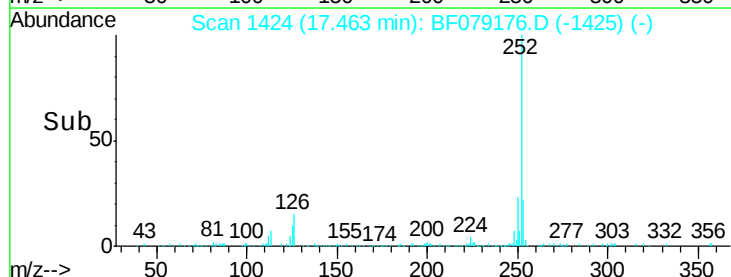
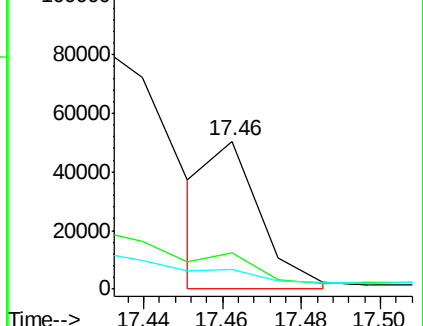
125 13.5 10.0 15.0

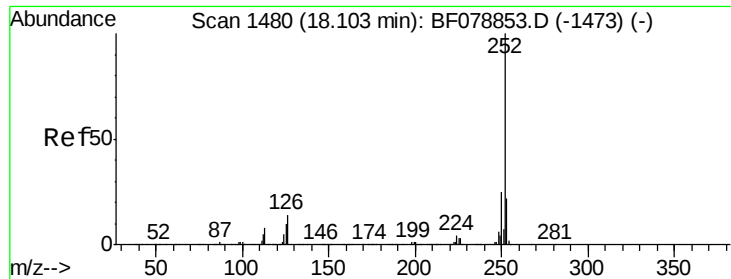


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

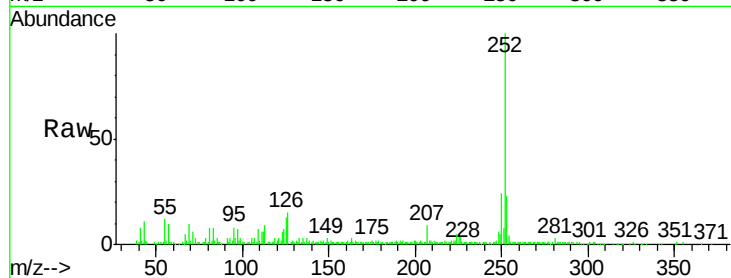




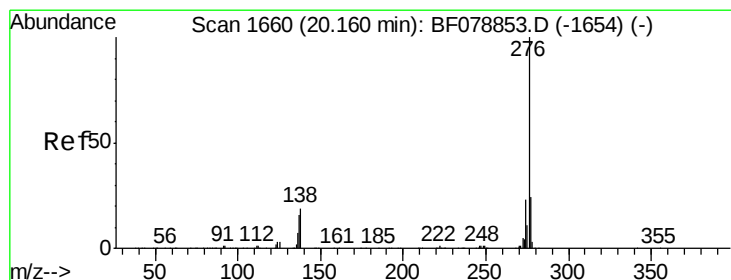
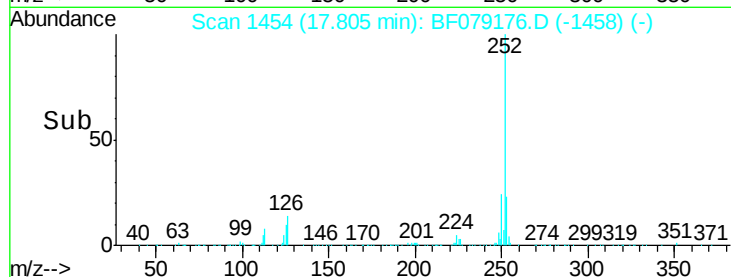
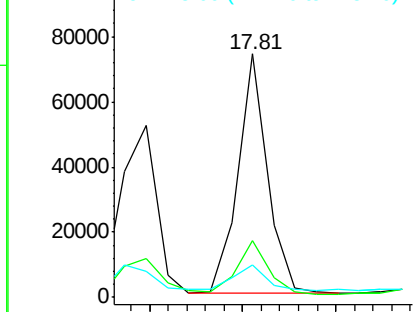
#89
Benzo(a)pyrene
Concen: 6.84 ng
RT: 17.81 min Scan# 1454
Delta R.T. -0.15 min
Lab File: BF079176.D
Acq: 13 May 2015 00:04

Instrument :
BNA_F
ClientSampleId :
WASTE-SAMPLE

Tot Ion:252 Resp: 80848
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 13.3 7.0 10.6#

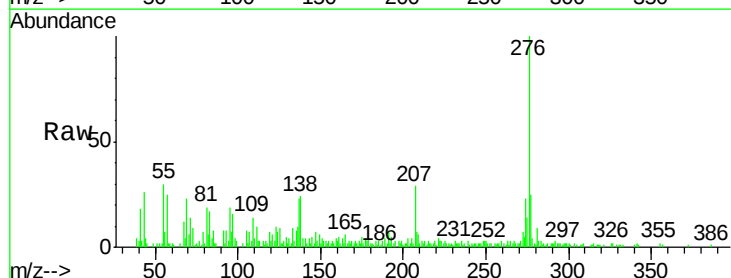


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 4.46 ng
RT: 19.76 min Scan# 1625
Delta R.T. -0.17 min
Lab File: BF079176.D
Acq: 13 May 2015 00:04

Tgt Ion:276 Resp: 56197
Ion Ratio Lower Upper
276 100
277 24.6 18.6 28.0
138 24.4 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

