

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
 Data File : BF079321.D
 Acq On : 18 May 2015 23:39
 Operator : TP/IZ
 Sample : G2270-03 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19

Quant Time: May 19 01:42:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 01:26:54 2015
 Response via : Initial Calibration

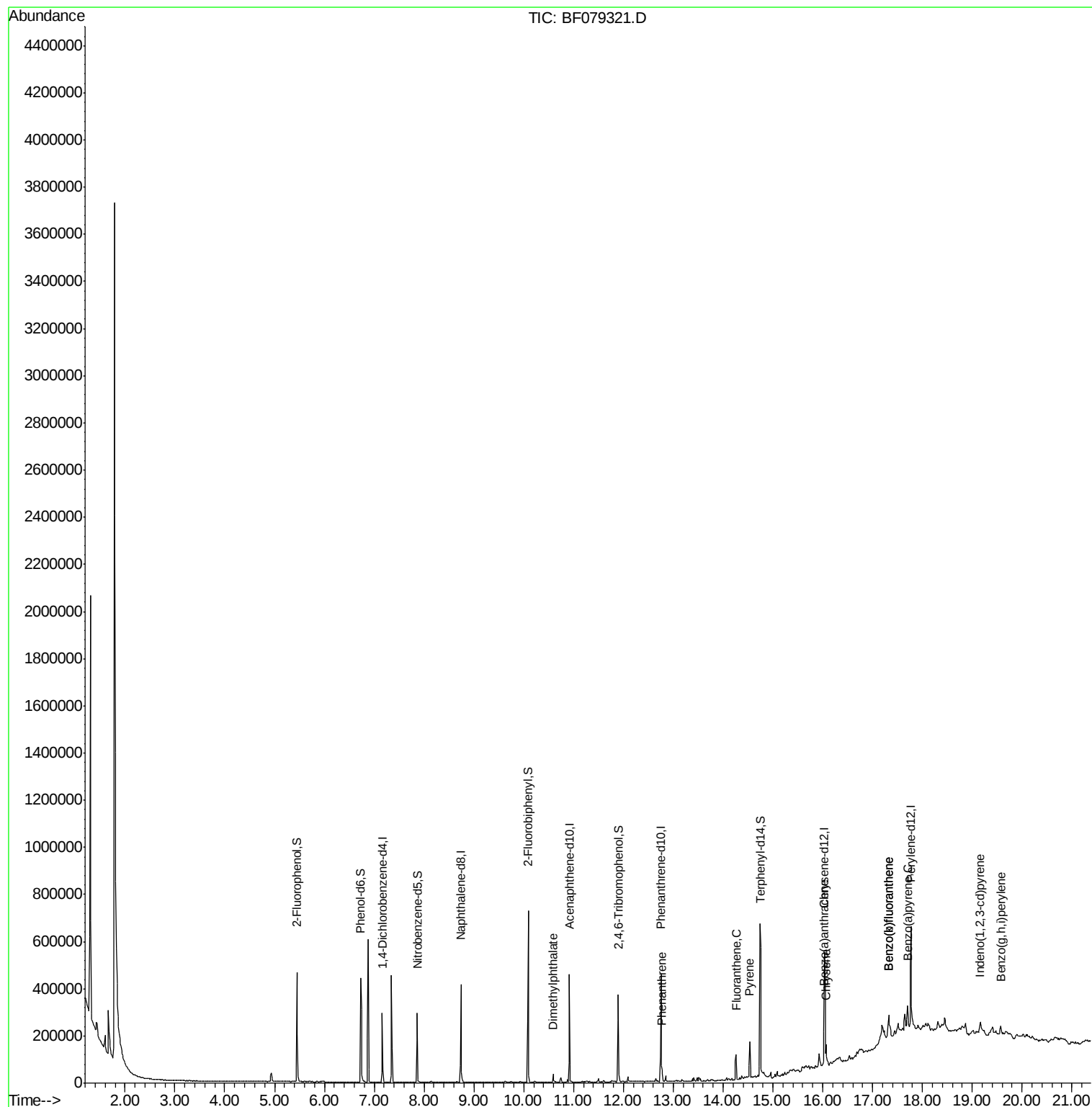
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	44524	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	183576	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	92372	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	172914	20.00	ng	0.00
75) Chrysene-d12	16.03	240	194857	20.00	ng	-0.02
86) Perylene-d12	17.77	264	203058	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	147461	57.01	ng	0.00
7) Phenol-d6	6.73	99	204097	59.70	ng	-0.01
23) Nitrobenzene-d5	7.86	82	115662	36.21	ng	0.00
41) 2,4,6-Tribromophenol	11.90	330	60389	60.43	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	247199	37.28	ng	0.00
78) Terphenyl-d14	14.75	244	295097	36.26	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.59	163	14351	2.12	ng	99
70) Phenanthrene	12.78	178	24375	2.52	ng	96
74) Fluoranthene	14.26	202	60571	6.01	ng	92
77) Pyrene	14.54	202	64886	5.78	ng	97
80) Benzo(a)anthracene	16.02	228	41271	3.87	ng	# 80
82) Chrysene	16.07	228	34279	3.34	ng	93
85) Indeno(1,2,3-cd)pyrene	19.15	276	30058	2.30	ng	96
87) Benzo(b)fluoranthene	17.33	252	71915	6.47	ng	# 94
88) Benzo(k)fluoranthene	17.33	252	71915	6.68	ng	# 90
89) Benzo(a)pyrene	17.70	252	42402	4.14	ng	# 96
91) Benzo(g,h,i)perylene	19.58	276	30001	2.75	ng	# 91

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

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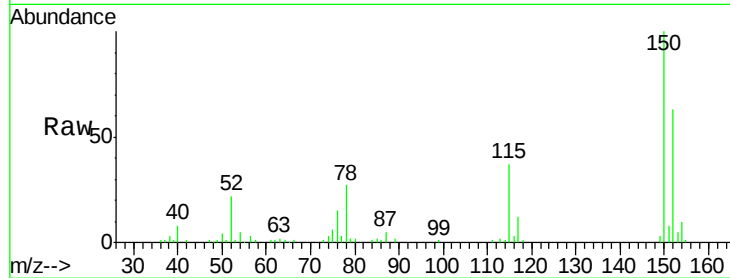




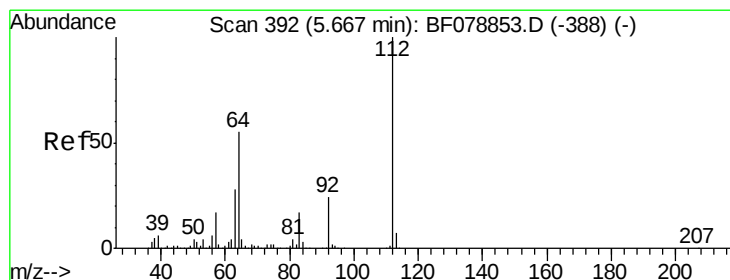
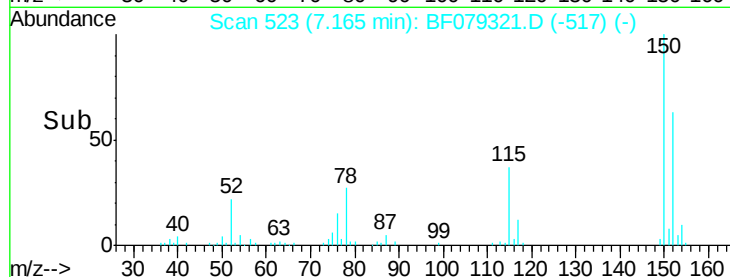
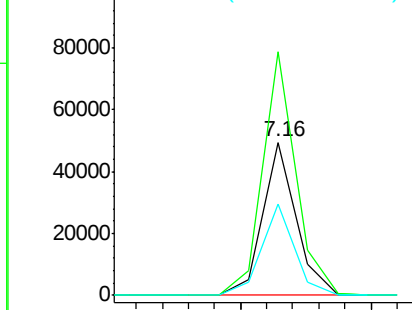
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.16 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF079321.D
 Acq: 18 May 2015 23:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-19

Tgt Ion:152 Resp: 44524
 Ion Ratio Lower Upper
 152 100
 150 159.3 123.8 185.8
 115 59.5 49.4 74.0

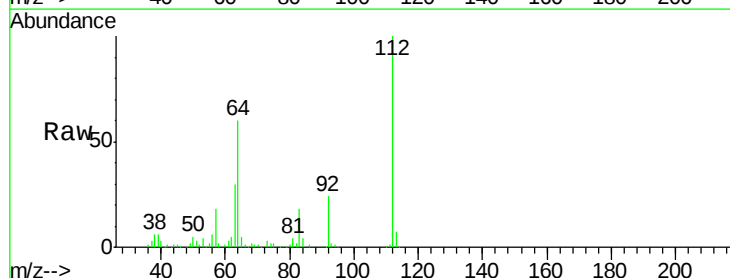


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

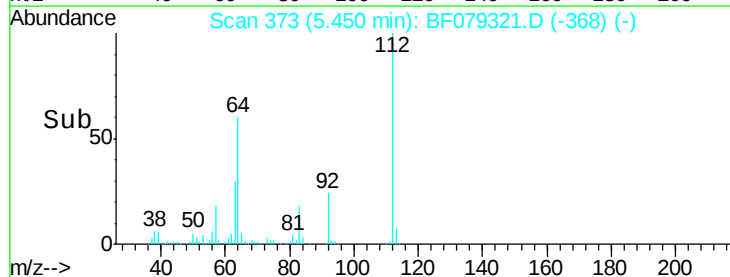
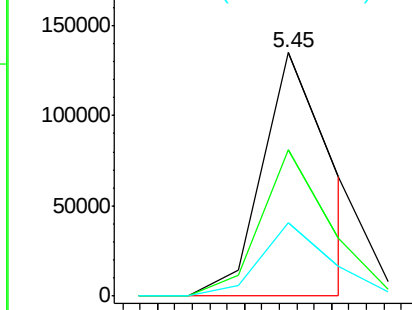


#5
 2-Fluorophenol
 Concen: 57.01 ng
 RT: 5.45 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: BF079321.D
 Acq: 18 May 2015 23:39

Tgt Ion:112 Resp: 147461
 Ion Ratio Lower Upper
 112 100
 64 60.2 44.2 66.2
 63 29.9 22.7 34.1



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: 59.70 ng

RT: 6.73 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF079321.D

Acq: 18 May 2015 23:39

Instrument :

BNA_F

ClientSampleId :

SB-19

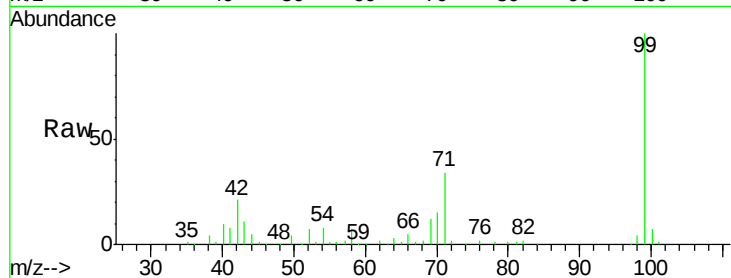
Tgt Ion: 99 Resp: 204097

Ion Ratio Lower Upper

99 100

42 21.3 17.1 25.7

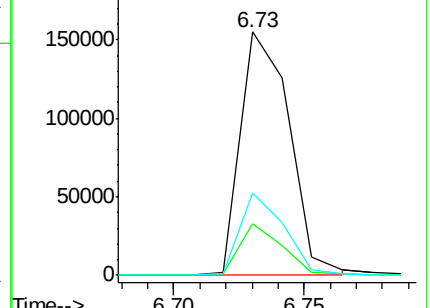
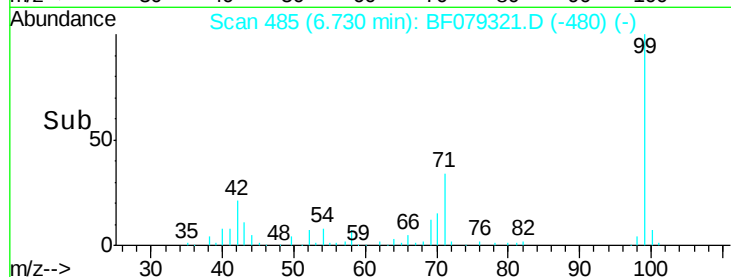
71 33.9 26.3 39.5



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: 8.74 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF079321.D

Acq: 18 May 2015 23:39

Tgt Ion: 136 Resp: 183576

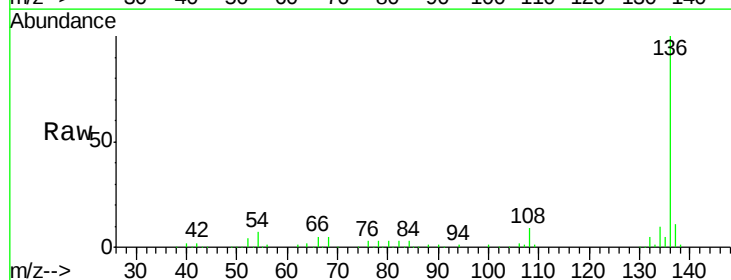
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.4 6.9 10.3

68 5.4 4.9 7.3

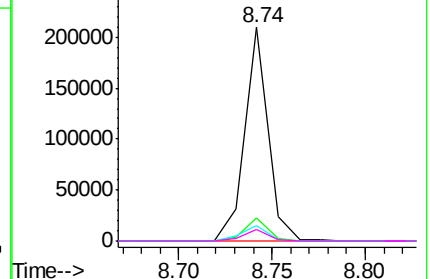
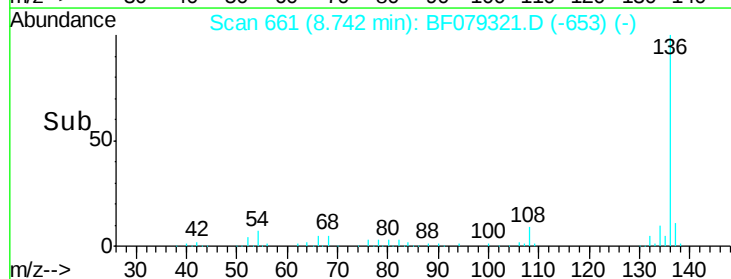


Abundance Ion 136.00 (135.70 to 136.70): E

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

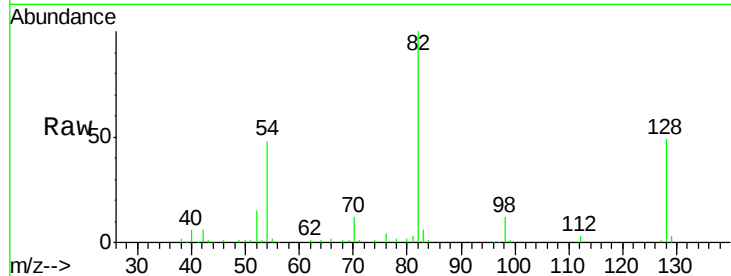




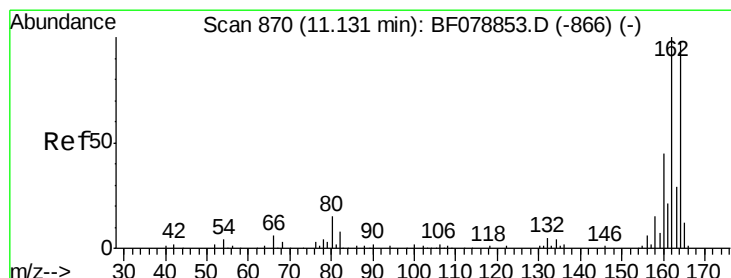
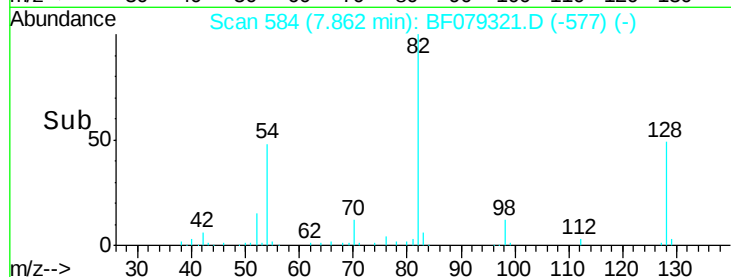
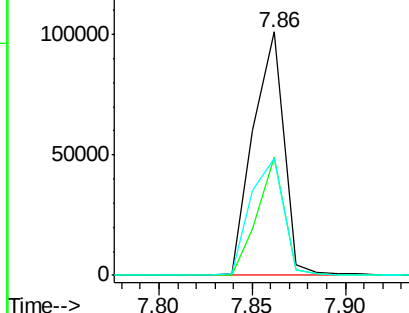
#23
 Nitrobenzene-d5
 Concen: 36.21 ng
 RT: 7.86 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF079321.D
 Acq: 18 May 2015 23:39

Instrument :
 BNA_F
 ClientSampled :
 SB-19

Tgt Ion: 82 Resp: 115662
 Ion Ratio Lower Upper
 82 100
 128 48.6 29.7 44.5#
 54 48.2 46.2 69.4

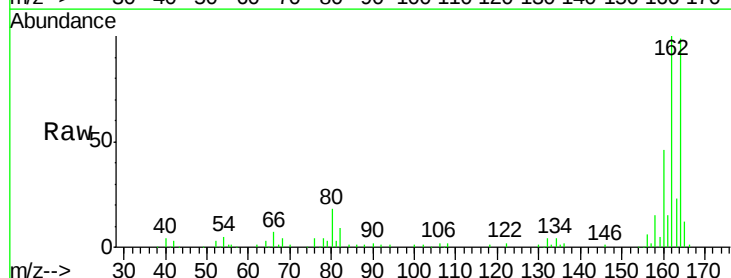


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

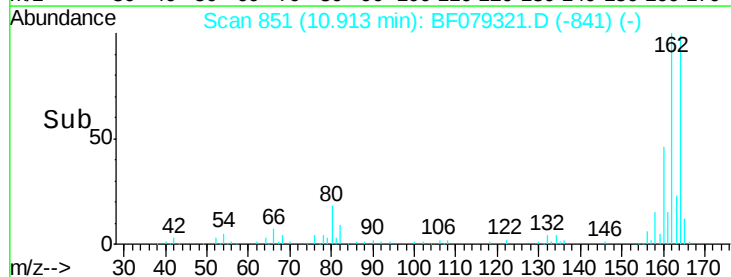
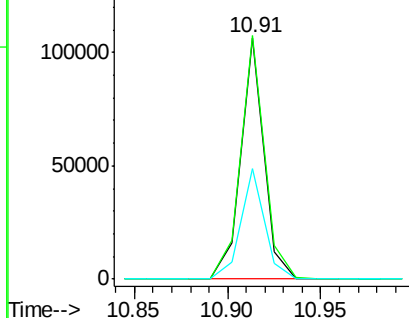


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF079321.D
 Acq: 18 May 2015 23:39

Tgt Ion: 164 Resp: 92372
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.4 122.0
 160 46.0 36.6 54.8



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

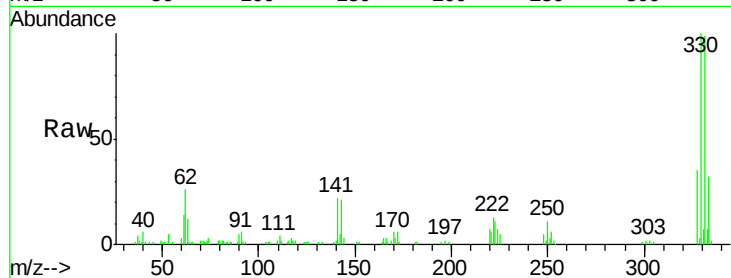




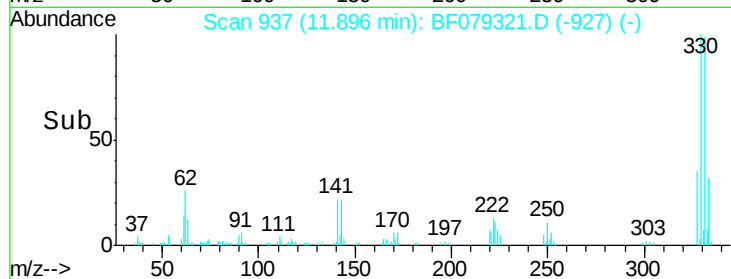
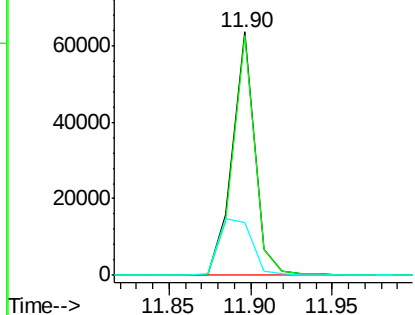
#41
 2,4,6-Tribromophenol
 Concen: 60.43 ng
 RT: 11.90 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF079321.D
 Acq: 18 May 2015 23:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-19

Tgt Ion:330 Resp: 60389
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.9 115.3
 141 34.7 27.8 41.8

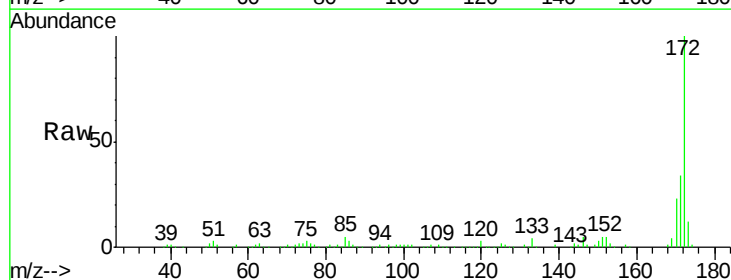


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

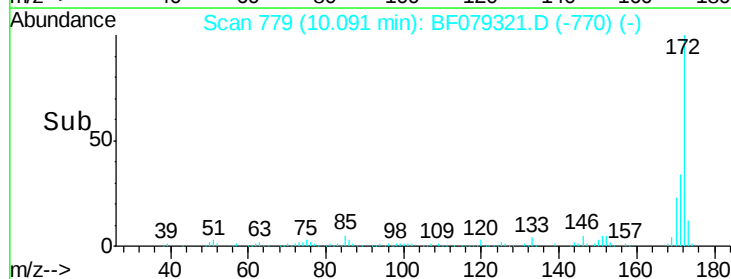
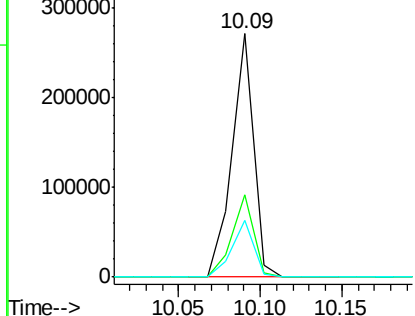


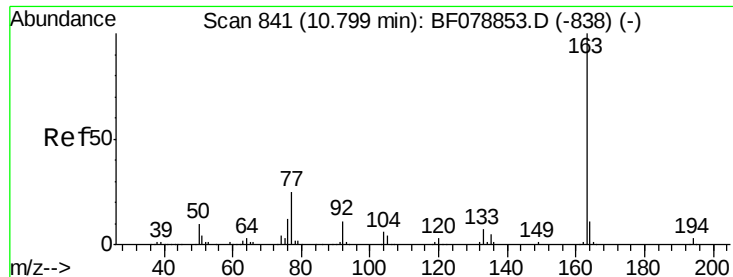
#44
 2-Fluorobiphenyl
 Concen: 37.28 ng
 RT: 10.09 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF079321.D
 Acq: 18 May 2015 23:39

Tgt Ion:172 Resp: 247199
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.3 42.5
 170 23.2 19.4 29.2



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: 2.12 ng

RT: 10.59 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF079321.D

Acq: 18 May 2015 23:39

Instrument :

BNA_F

ClientSampleId :

SB-19

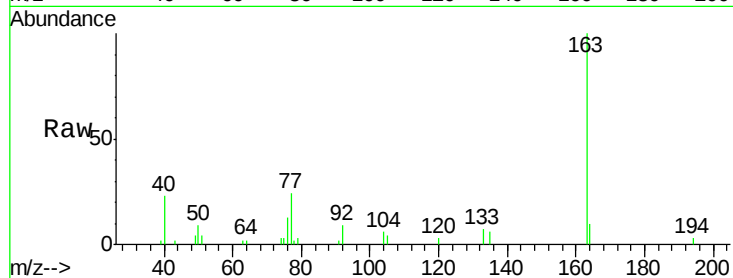
Tgt Ion:163 Resp: 14351

Ion Ratio Lower Upper

163 100

194 2.6 2.4 3.6

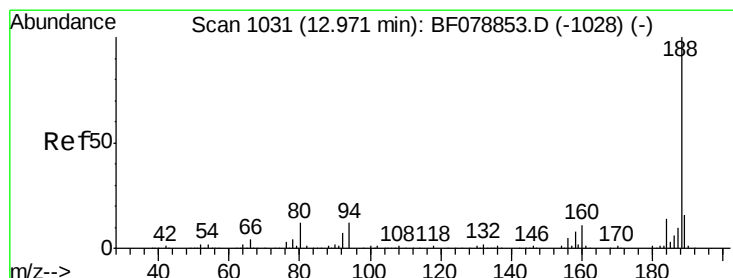
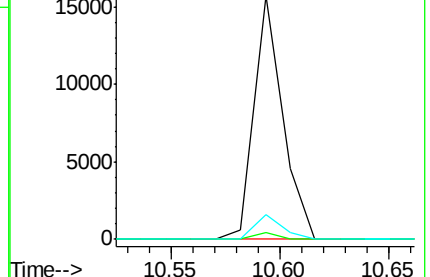
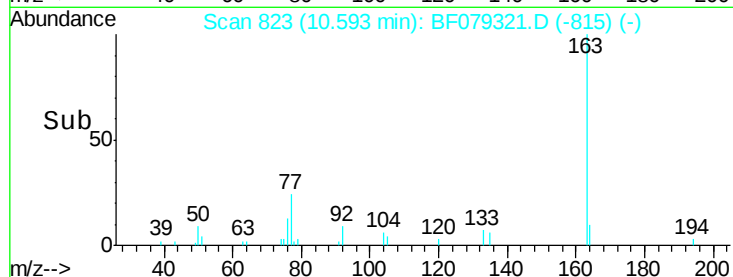
164 10.3 8.6 12.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.75 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF079321.D

Acq: 18 May 2015 23:39

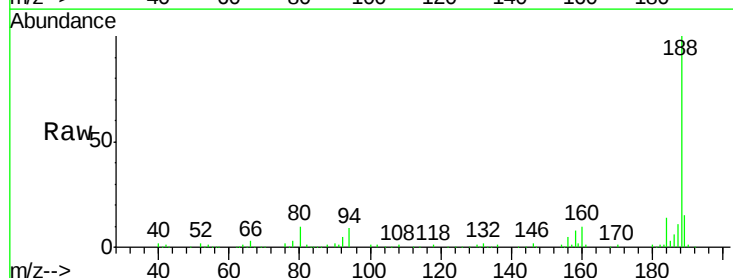
Tgt Ion:188 Resp: 172914

Ion Ratio Lower Upper

188 100

94 9.5 9.4 14.0

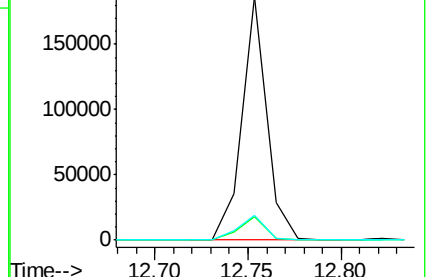
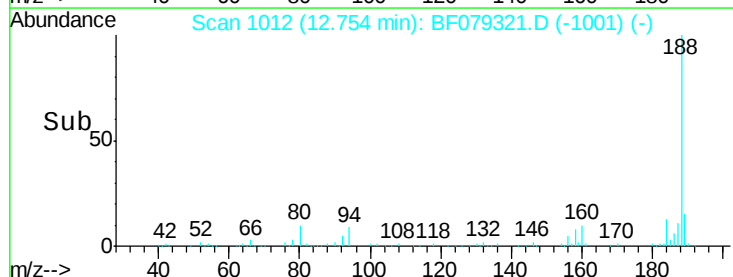
80 10.1 9.8 14.6

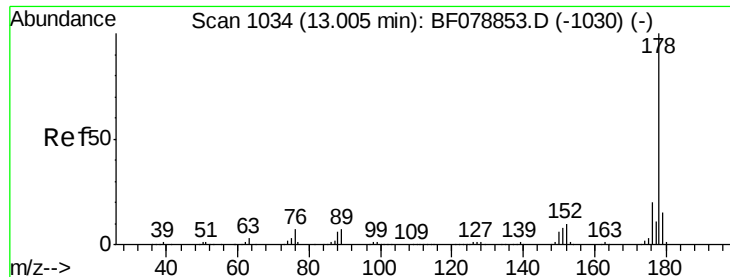


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

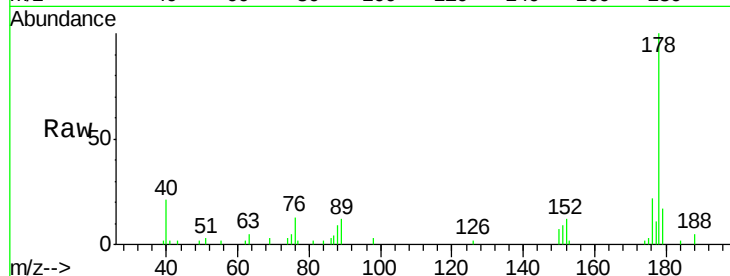




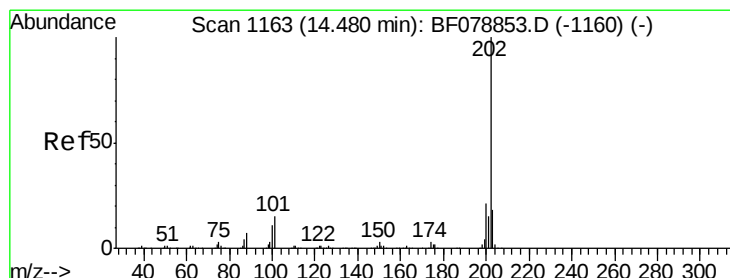
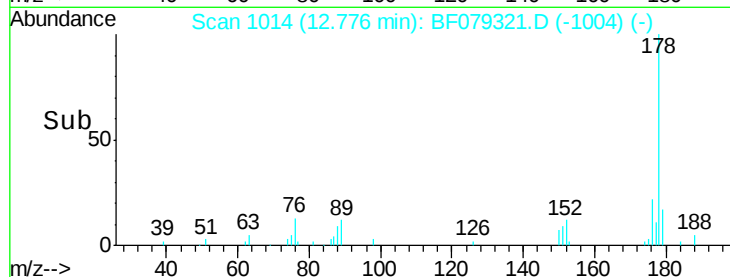
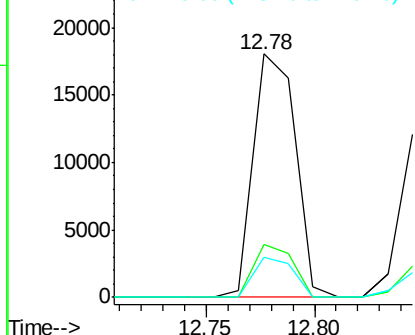
#70
Phenanthrene
Concen: 2.52 ng
RT: 12.78 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF079321.D
Acq: 18 May 2015 23:39

Instrument :
BNA_F
ClientSampled :
SB-19

Tgt Ion:178 Resp: 24375
Ion Ratio Lower Upper
178 100
176 21.7 15.9 23.9
179 16.7 12.2 18.4

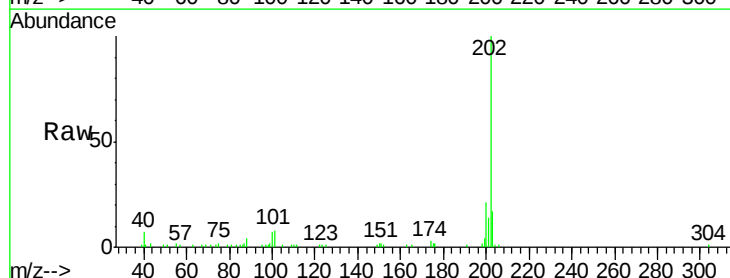


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

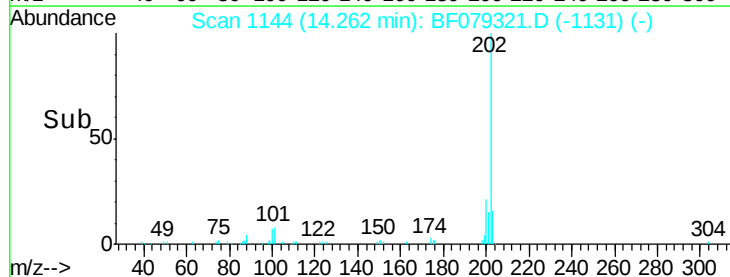
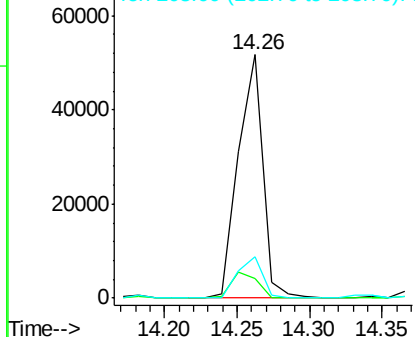


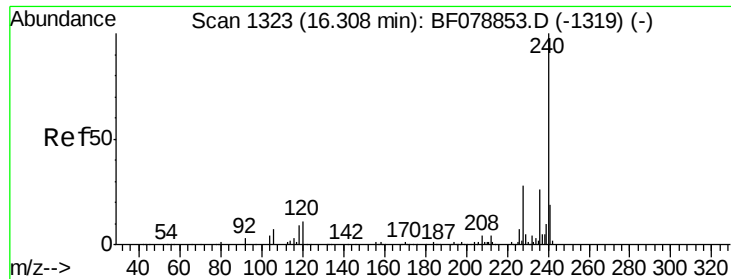
#74
Fluoranthene
Concen: 6.01 ng
RT: 14.26 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF079321.D
Acq: 18 May 2015 23:39

Tgt Ion:202 Resp: 60571
Ion Ratio Lower Upper
202 100
101 8.3 0.0 34.7
203 16.8 0.0 37.9



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

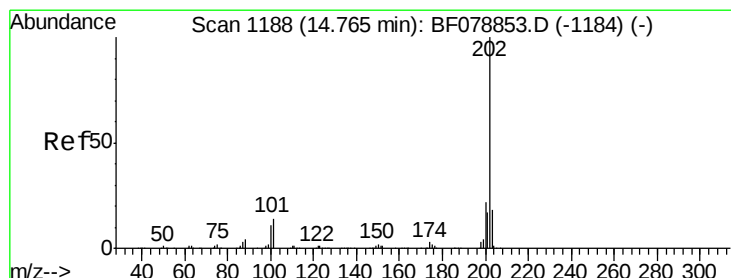
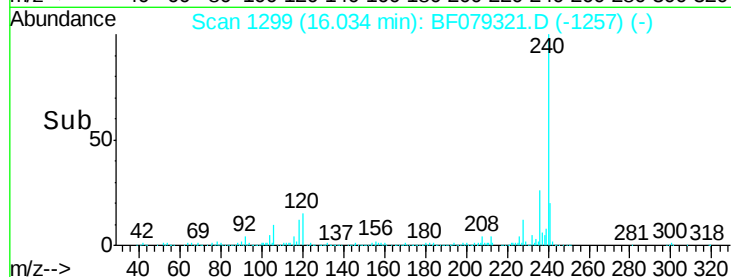
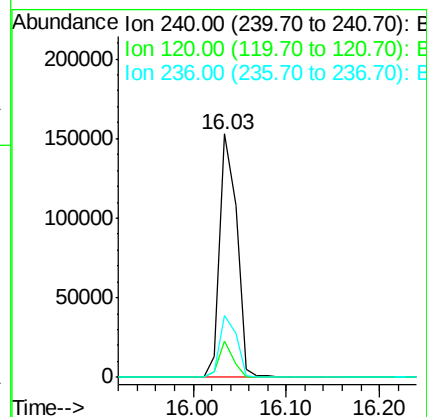
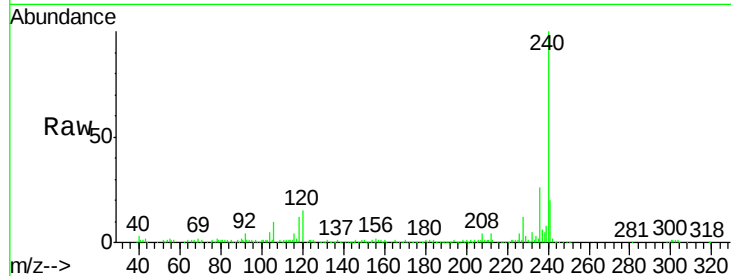




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF079321.D
Acq: 18 May 2015 23:39

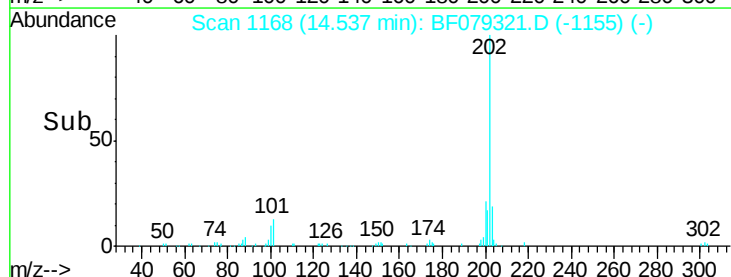
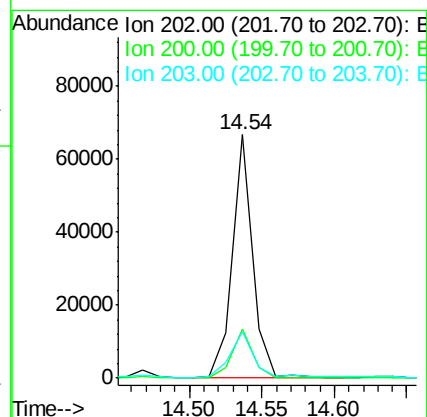
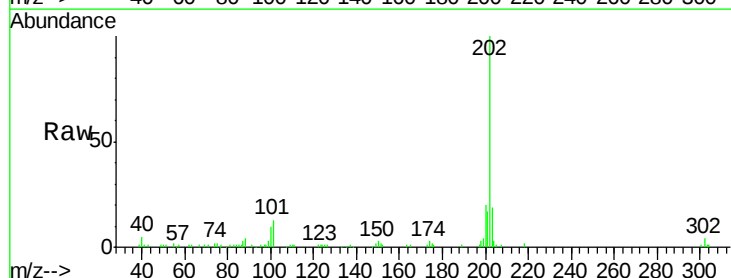
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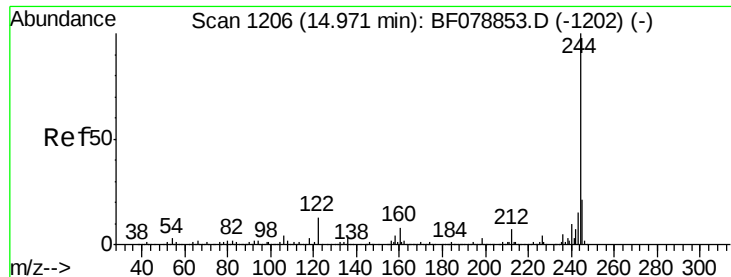
Tgt Ion:240 Resp: 194857
Ion Ratio Lower Upper
240 100
120 14.9 8.6 12.8#
236 25.7 21.0 31.6



#77
Pyrene
Concen: 5.78 ng
RT: 14.54 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF079321.D
Acq: 18 May 2015 23:39

Tgt Ion:202 Resp: 64886
Ion Ratio Lower Upper
202 100
200 20.4 17.5 26.3
203 19.2 14.7 22.1





#78

Terphenyl-d14

Concen: 36.26 ng

RT: 14.75 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF079321.D

Acq: 18 May 2015 23:39

Instrument :

BNA_F

ClientSampled :

SB-19

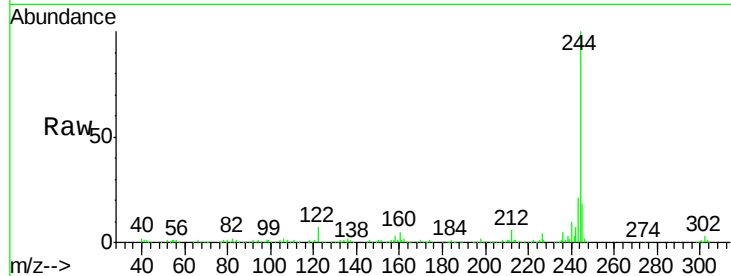
Tgt Ion:244 Resp: 295097

Ion Ratio Lower Upper

244 100

212 5.8 5.6 8.4

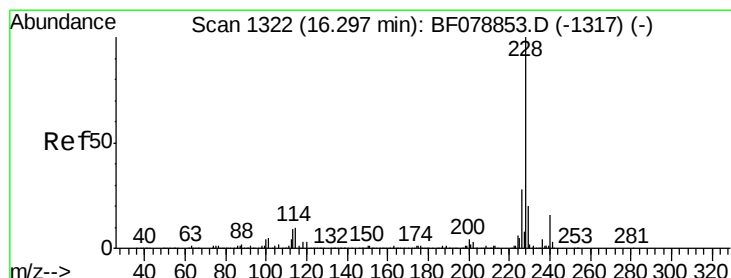
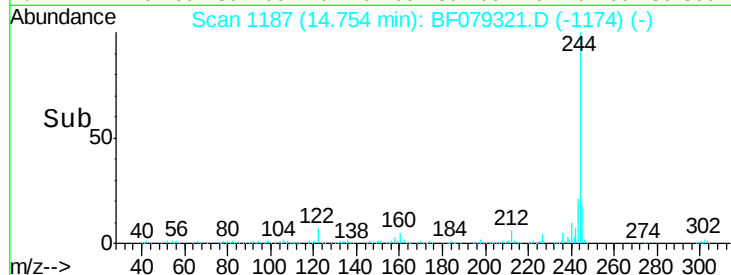
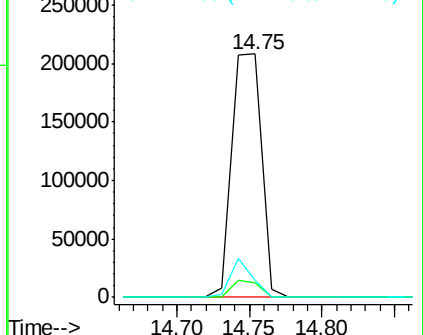
122 7.2 10.5 15.7#



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: 3.87 ng

RT: 16.02 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF079321.D

Acq: 18 May 2015 23:39

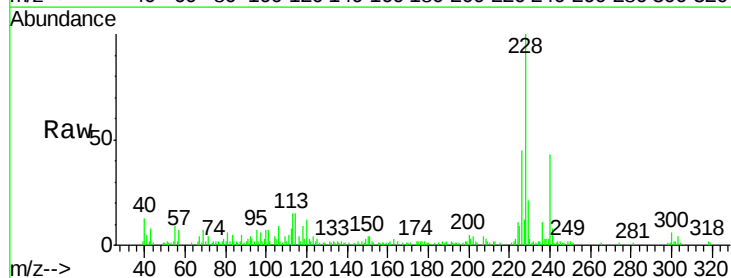
Tgt Ion:228 Resp: 41271

Ion Ratio Lower Upper

228 100

226 44.6 22.3 33.5#

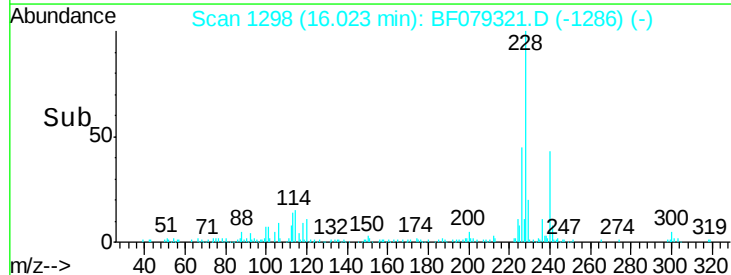
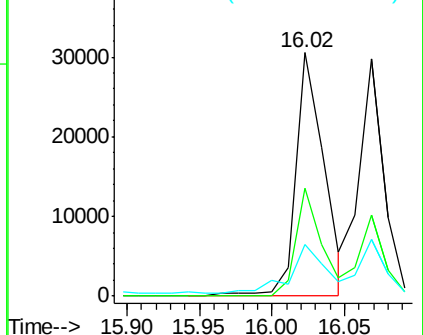
229 21.4 16.1 24.1

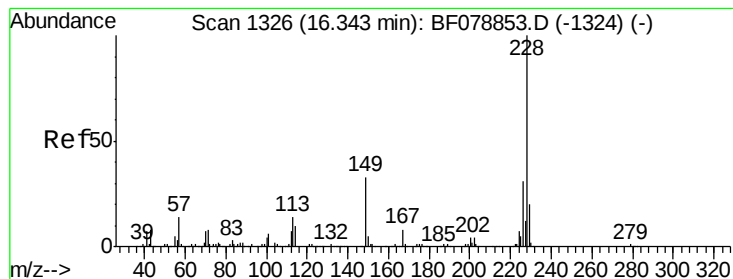


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 3.34 ng

RT: 16.07 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF079321.D

Acq: 18 May 2015 23:39

Instrument :

BNA_F

ClientSampleId :

SB-19

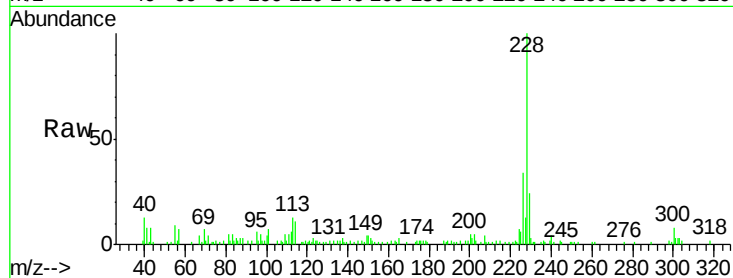
Tgt Ion:228 Resp: 34279

Ion Ratio Lower Upper

228 100

226 34.1 24.8 37.2

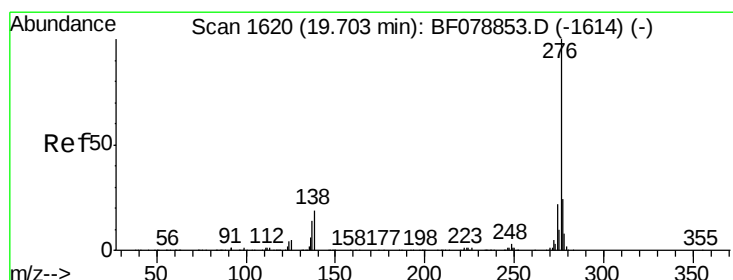
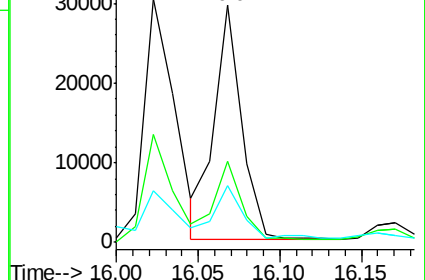
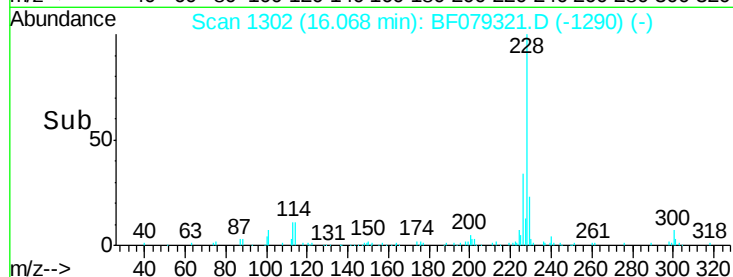
229 23.8 16.1 24.1



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: 2.30 ng

RT: 19.15 min Scan# 1572

Delta R.T. -0.11 min

Lab File: BF079321.D

Acq: 18 May 2015 23:39

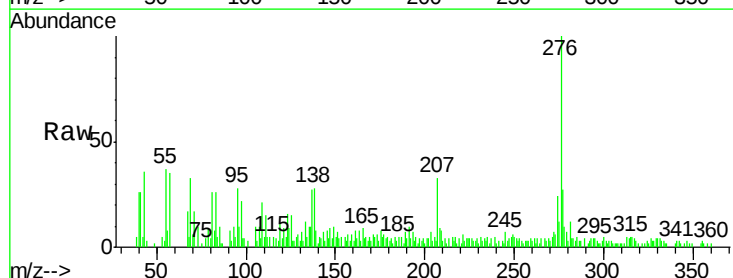
Tgt Ion:276 Resp: 30058

Ion Ratio Lower Upper

276 100

138 23.6 21.1 31.7

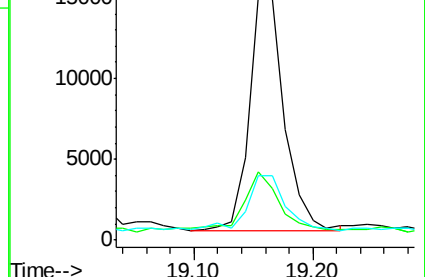
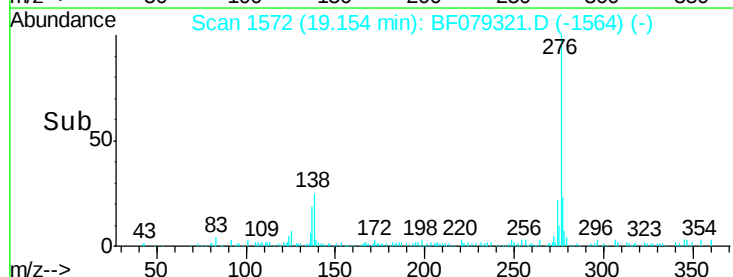
277 26.4 19.9 29.9

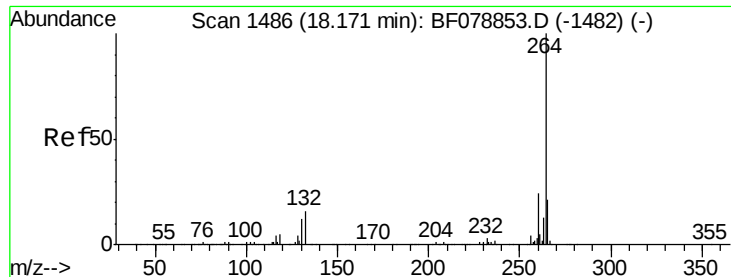


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

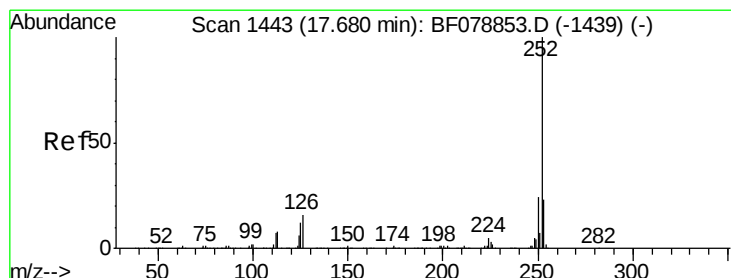
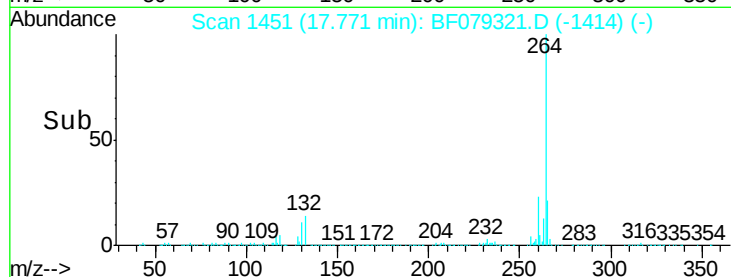
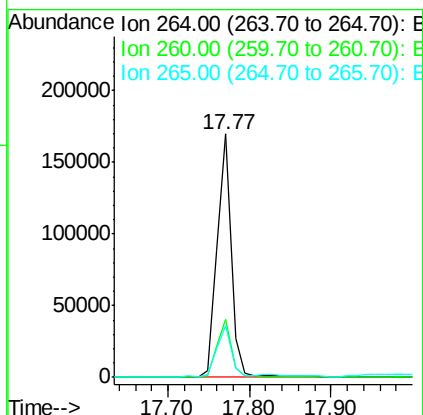
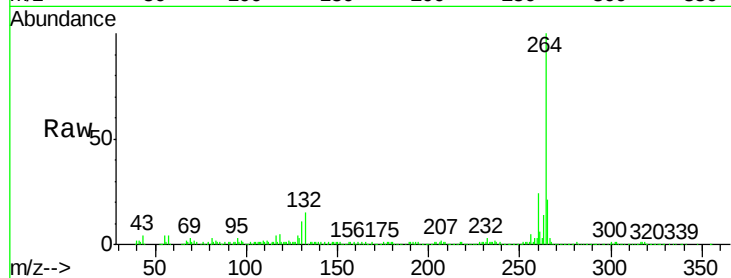




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.08 min
Lab File: BF079321.D
Acq: 18 May 2015 23:39

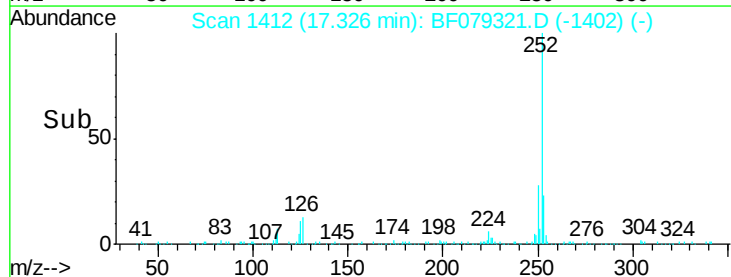
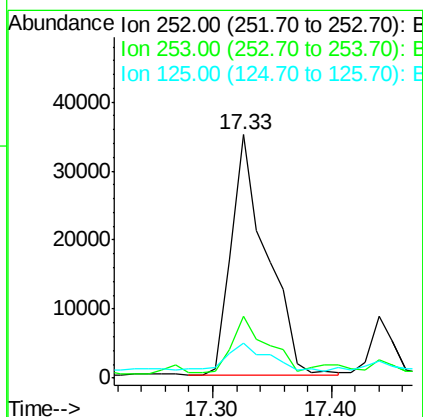
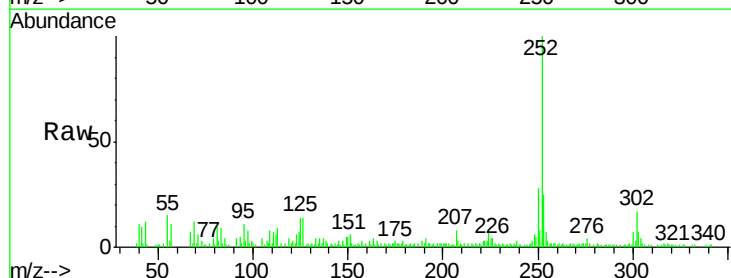
Instrument :
BNA_F
ClientSampleId :
SB-19

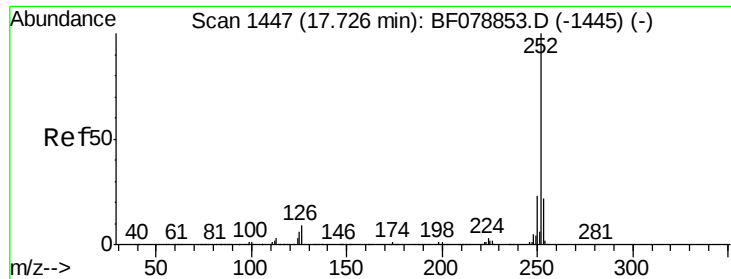
Tgt Ion: 264 Resp: 203058
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.1 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 6.47 ng
RT: 17.33 min Scan# 1412
Delta R.T. -0.07 min
Lab File: BF079321.D
Acq: 18 May 2015 23:39

Tgt Ion: 252 Resp: 71915
Ion Ratio Lower Upper
252 100
253 25.2 18.1 27.1
125 14.3 9.4 14.2#

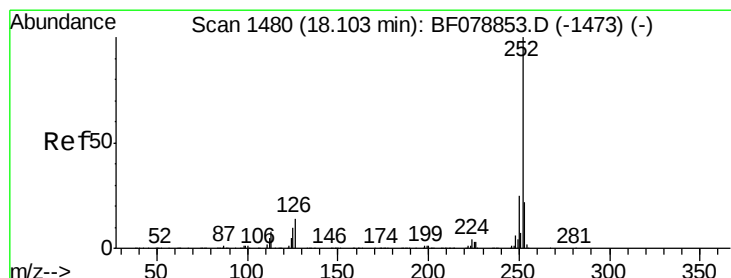
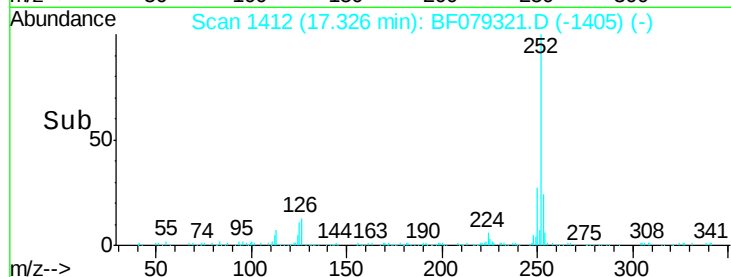
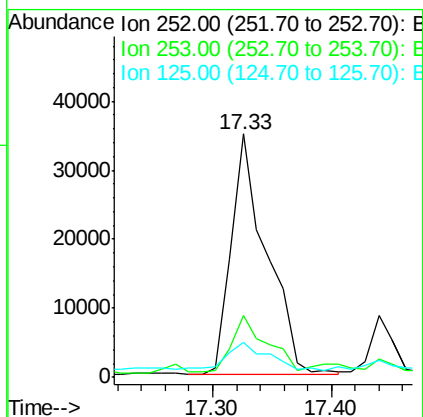
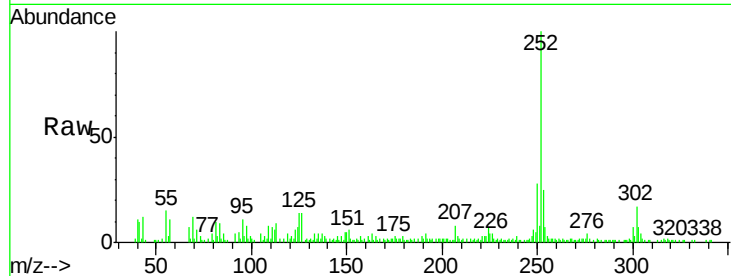




#88
Benzo(k)fluoranthene
Concen: 6.68 ng
RT: 17.33 min Scan# 1412
Delta R.T. -0.10 min
Lab File: BF079321.D
Acq: 18 May 2015 23:39

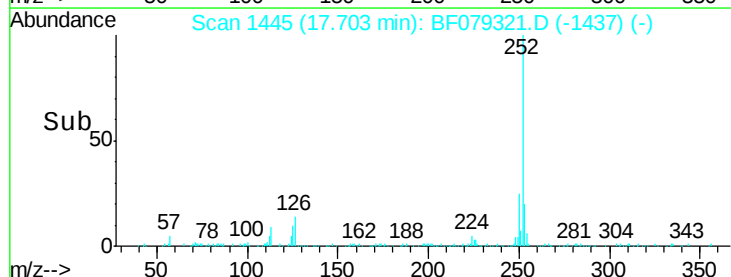
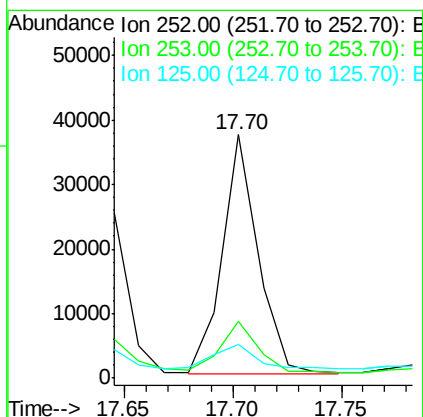
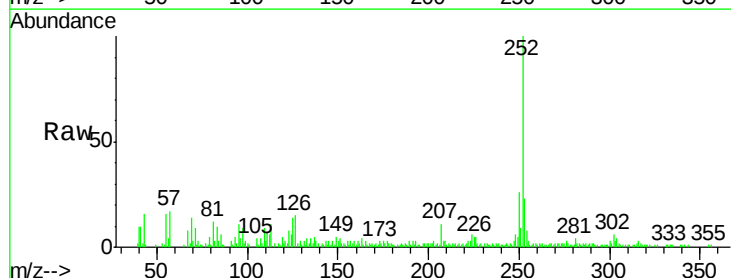
Instrument :
BNA_F
ClientSampleId :
SB-19

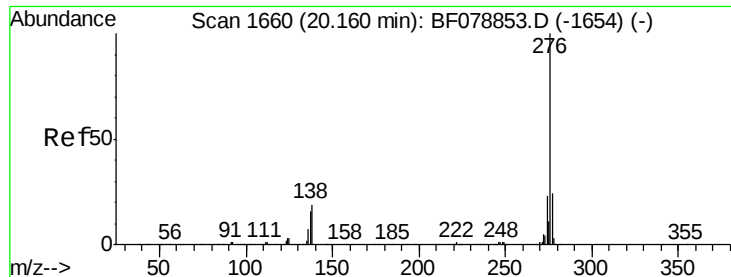
Tgt Ion:252 Resp: 71915
Ion Ratio Lower Upper
252 100
253 25.2 17.4 26.0
125 14.3 6.1 9.1#



#89
Benzo(a)pyrene
Concen: 4.14 ng
RT: 17.70 min Scan# 1445
Delta R.T. -0.09 min
Lab File: BF079321.D
Acq: 18 May 2015 23:39

Tgt Ion:252 Resp: 42402
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 13.7 8.2 12.2#





#91

Benzo(g,h,i)perylene

Concen: 2.75 ng

RT: 19.58 min Scan# 1609

Delta R.T. -0.11 min

Lab File: BF079321.D

Acq: 18 May 2015 23:39

Instrument :

BNA_F

ClientSampleId :

SB-19

Tgt Ion: 276 Resp: 30001

Ion Ratio Lower Upper

276 100

277 28.0 18.8 28.2

138 22.9 15.2 22.8#

