

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
 Data File : BF079323.D
 Acq On : 19 May 2015 00:36
 Operator : TP/IZ
 Sample : G2270-05 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15

Quant Time: May 19 02:10:17 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 01:54:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	44703	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	189732	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	92880	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	183745	20.00	ng	0.00
75) Chrysene-d12	16.05	240	203459	20.00	ng	-0.01
86) Perylene-d12	17.79	264	203049	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	168244m	64.79	ng	0.00
7) Phenol-d6	6.74	99	222194	64.73	ng	0.00
23) Nitrobenzene-d5	7.86	82	125373	37.98	ng	0.00
41) 2,4,6-Tribromophenol	11.90	330	67404	67.08	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	266311	39.95	ng	0.00
78) Terphenyl-d14	14.75	244	326153	38.38	ng	0.00

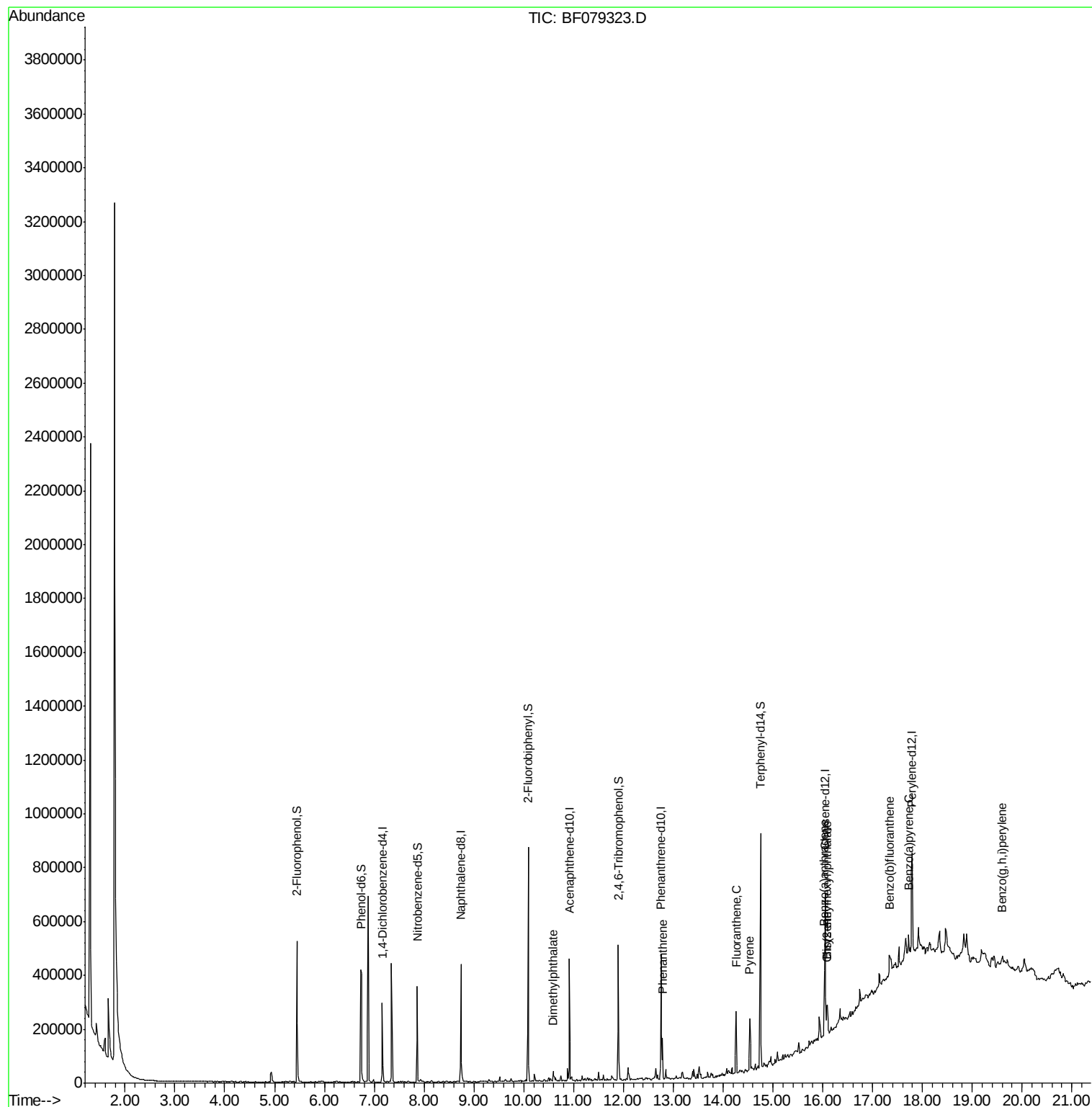
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	10.59	163	16174	2.37	ng	99
70) Phenanthrene	12.79	178	67973	6.61	ng	99
74) Fluoranthene	14.26	202	96460	9.01	ng	95
77) Pyrene	14.54	202	93158	7.95	ng	96
80) Benzo(a)anthracene	16.03	228	50675	4.55	ng	93
82) Chrysene	16.08	228	39924m	3.73	ng	
83) Bis(2-ethylhexyl)phthalate	16.09	149	33947	4.37	ng	98
87) Benzo(b)fluoranthene	17.34	252	50914m	4.58	ng	
89) Benzo(a)pyrene	17.73	252	34907	3.41	ng	# 85
91) Benzo(g,h,i)perylene	19.60	276	23311	2.14	ng	# 82

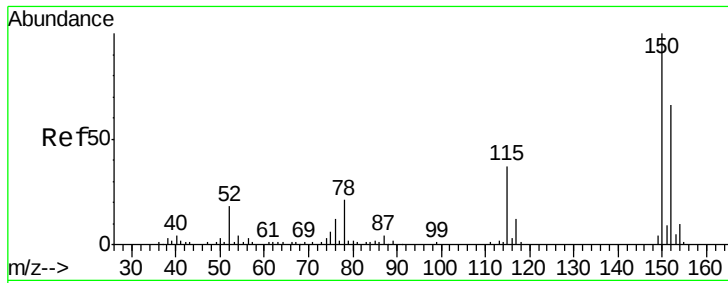
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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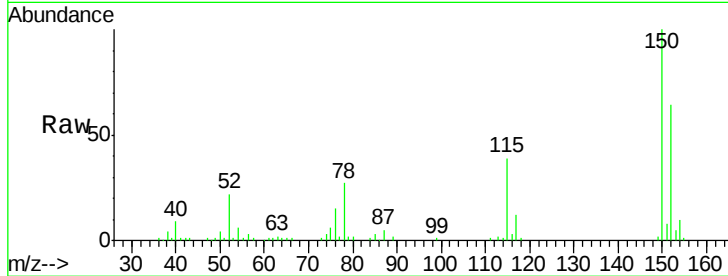


#1

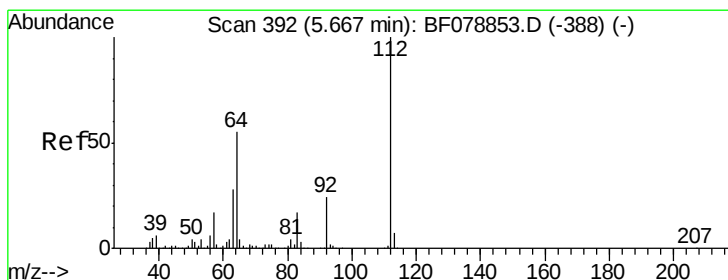
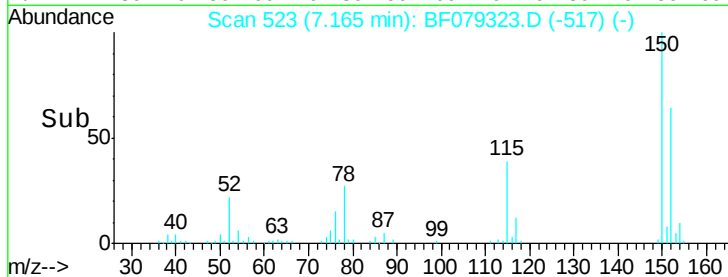
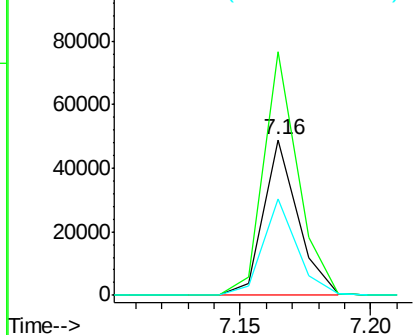
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Instrument :
BNA_F
ClientSampleId :
SB-15

Tot Ion:152 Resp: 44703
Ion Ratio Lower Upper
152 100
150 156.3 123.8 185.8
115 61.6 49.4 74.0



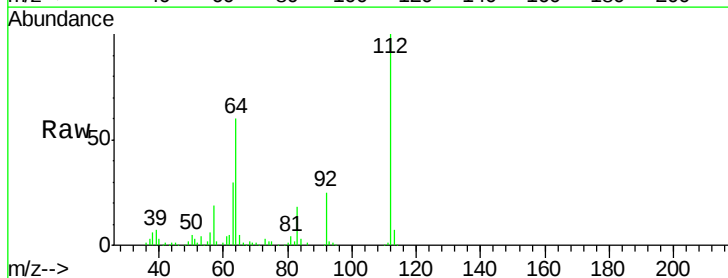
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



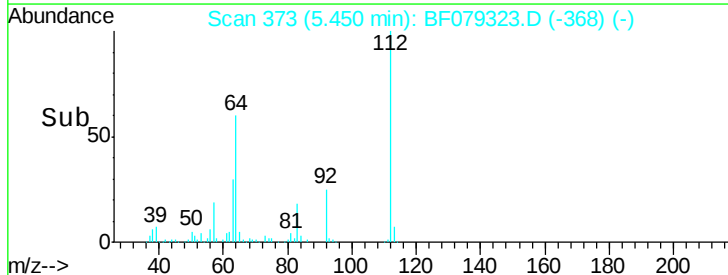
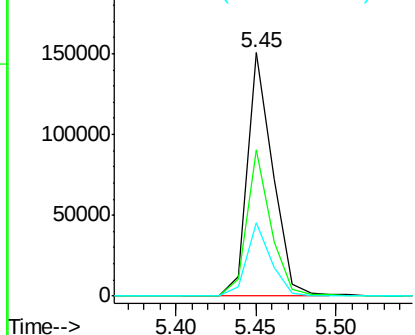
#5

2-Fluorophenol
Concen: 64.79 ng m
RT: 5.45 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion:112 Resp: 168244
Ion Ratio Lower Upper
112 100
64 60.0 44.2 66.2
63 30.0 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: 64.73 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF079323.D

Acq: 19 May 2015 00:36

Instrument :

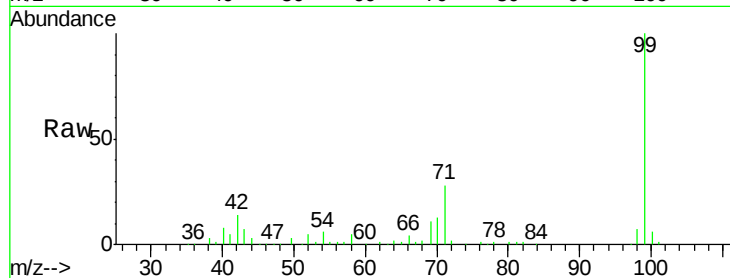
BNA_F

ClientSampleId :

SB-15

Tot Ion: 99 Resp: 222194

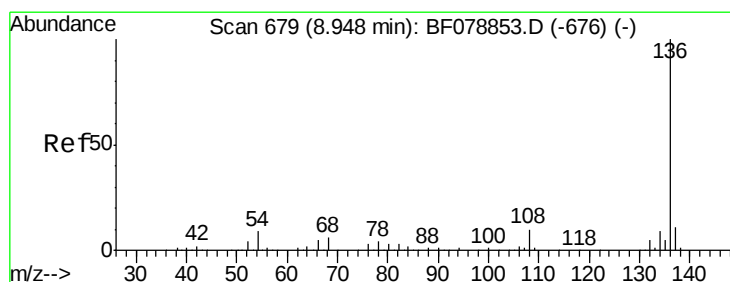
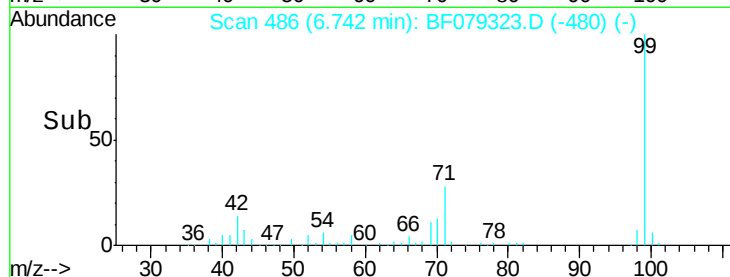
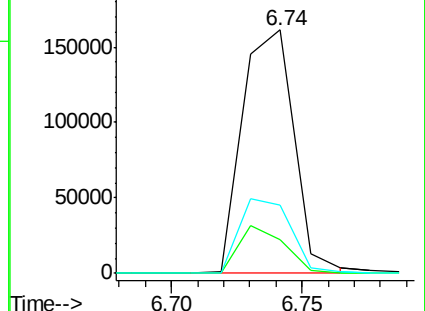
Ion	Ratio	Lower	Upper
99	100		
42	14.1	17.1	25.7#
71	28.0	26.3	39.5



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: BF079323.D

Acq: 19 May 2015 00:36

Tgt Ion: 136 Resp: 189732

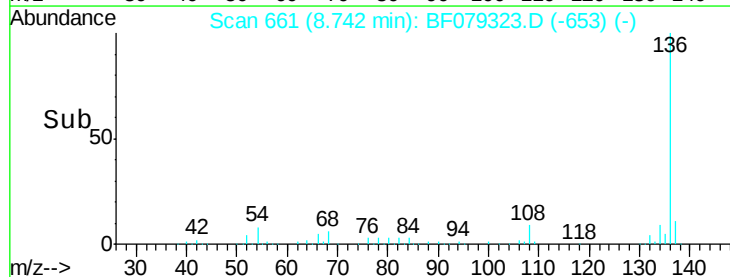
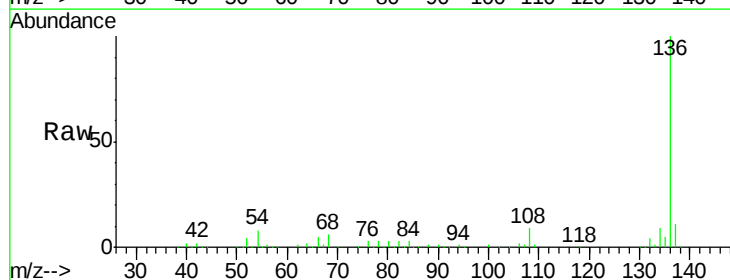
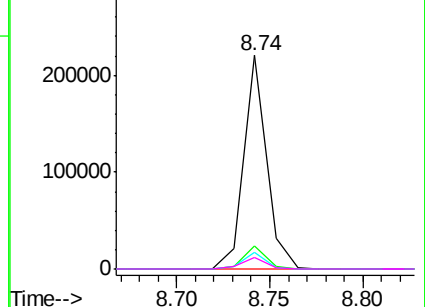
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.7	6.9	10.3
68	5.6	4.9	7.3

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

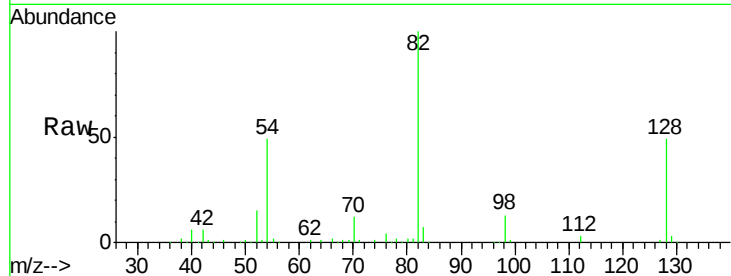




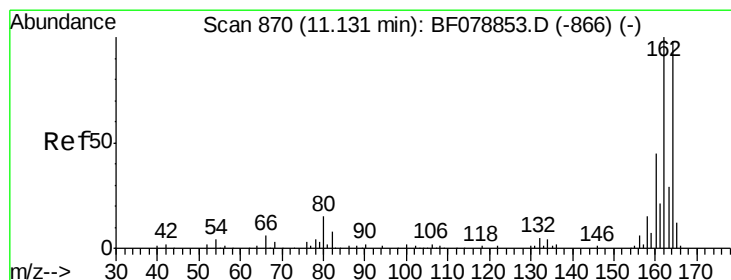
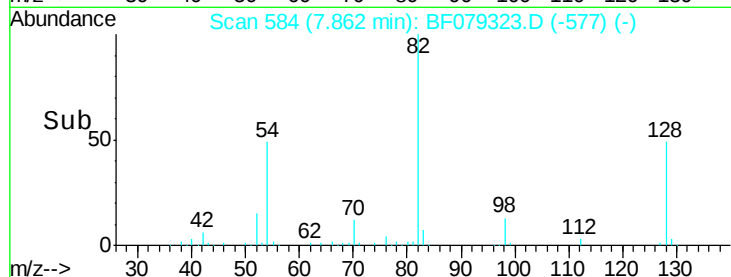
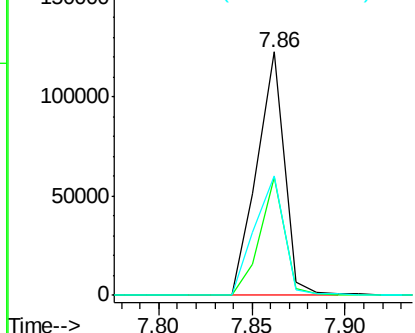
#23
Nitrobenzene-d5
Concen: 37.98 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Instrument :
BNA_F
ClientSampleId :
SB-15

Tot Ion: 82 Resp: 125373
Ion Ratio Lower Upper
82 100
128 48.5 29.7 44.5#
54 49.0 46.2 69.4

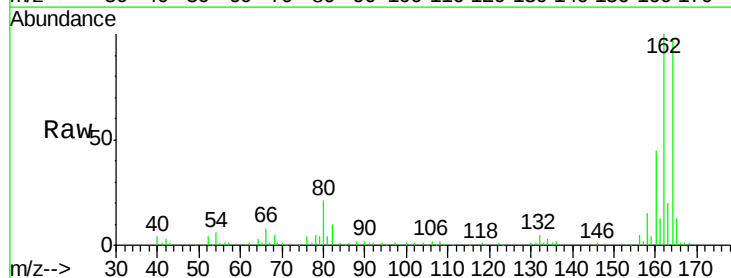


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

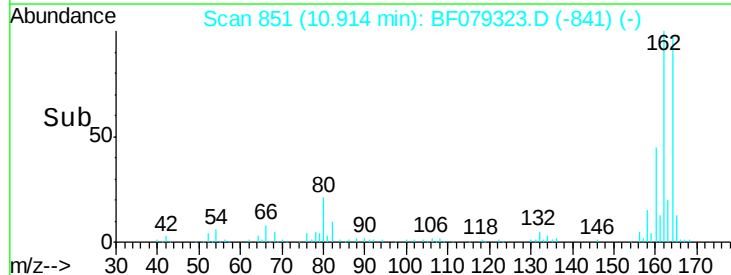
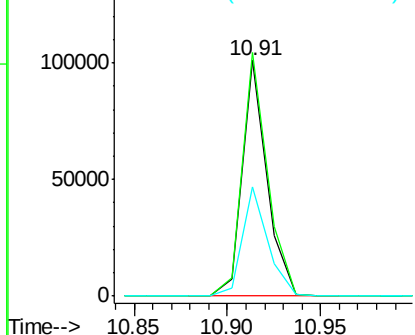


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion:164 Resp: 92880
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.0
160 46.6 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

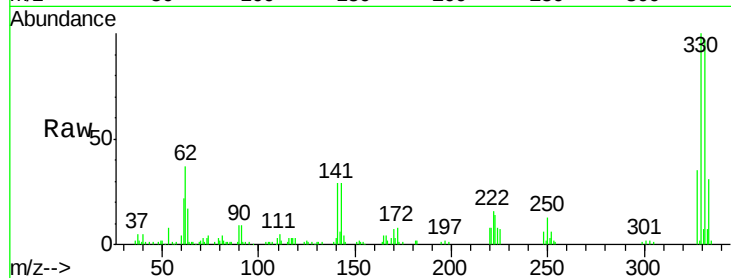




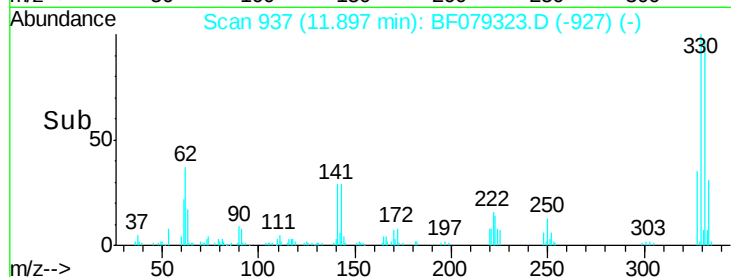
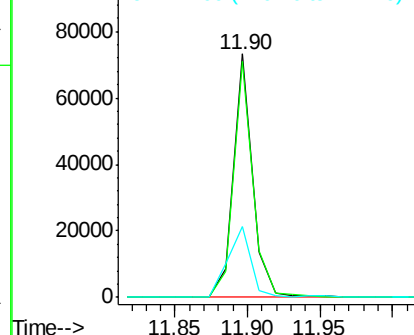
#41
 2,4,6-Tribromophenol
 Concen: 67.08 ng
 RT: 11.90 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF079323.D
 Acq: 19 May 2015 00:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-15

Tot Ion:330 Resp: 67404
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.9 115.3
 141 34.6 27.8 41.8

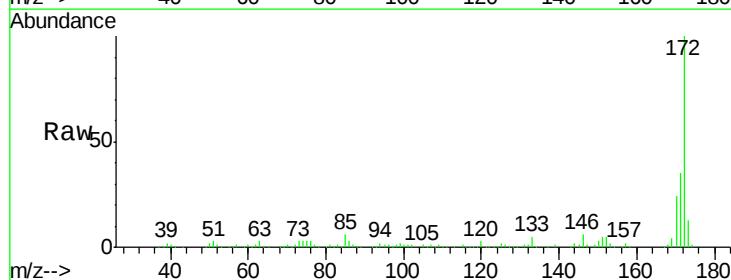


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

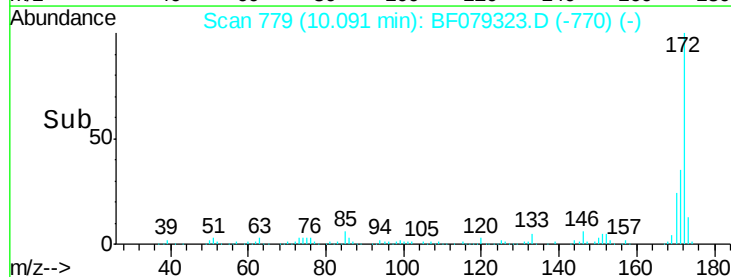
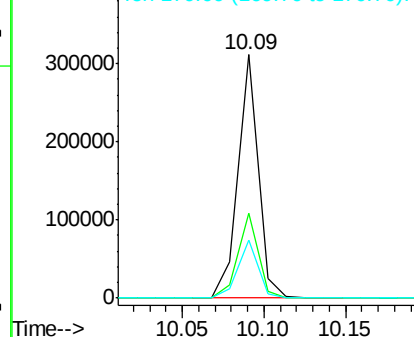


#44
 2-Fluorobiphenyl
 Concen: 39.95 ng
 RT: 10.09 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF079323.D
 Acq: 19 May 2015 00:36

Tgt Ion:172 Resp: 266311
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.3 42.5
 170 23.8 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: 2.37 ng

RT: 10.59 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF079323.D

Acq: 19 May 2015 00:36

Instrument :

BNA_F

ClientSampleId :

SB-15

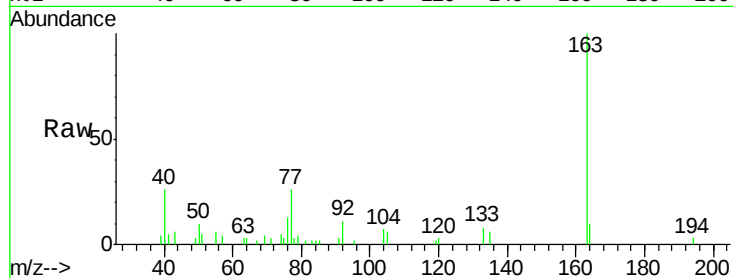
Tot Ion:163 Resp: 16174

Ion Ratio Lower Upper

163 100

194 3.0 2.4 3.6

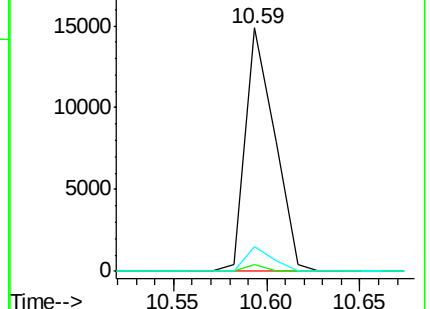
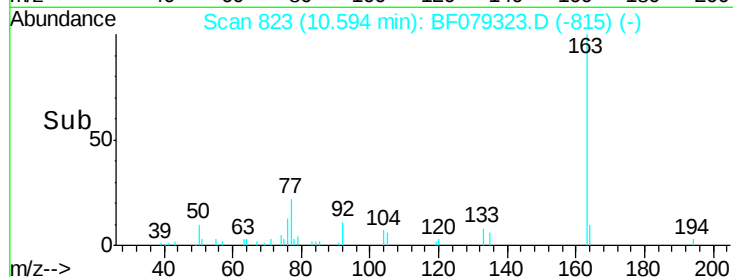
164 10.0 8.6 12.8



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: BF079323.D

Acq: 19 May 2015 00:36

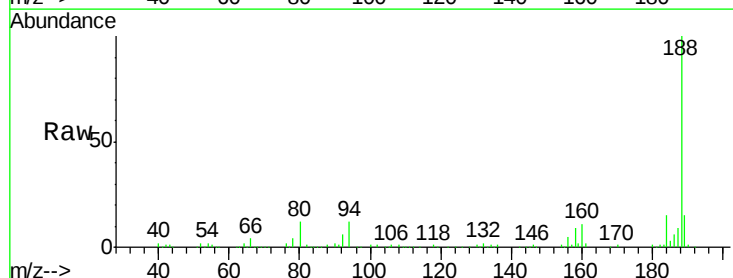
Tgt Ion:188 Resp: 183745

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.0

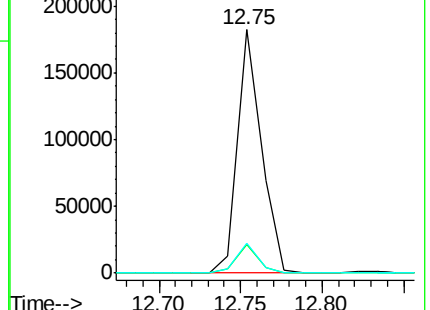
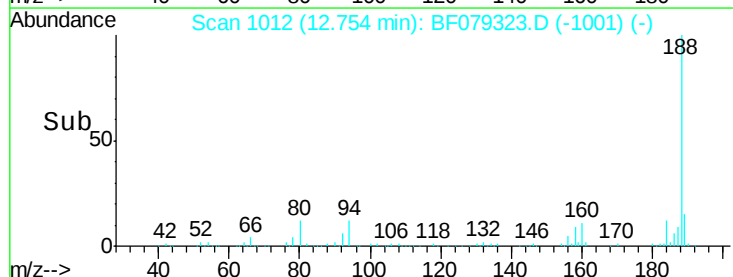
80 12.1 9.8 14.6

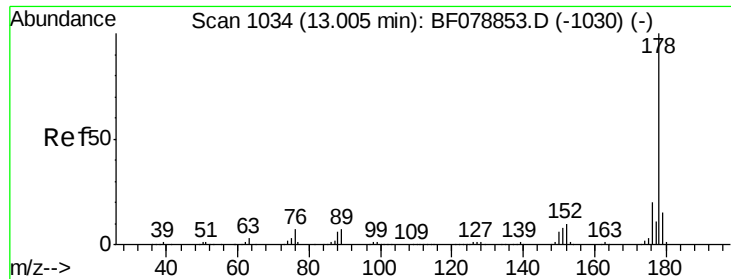


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

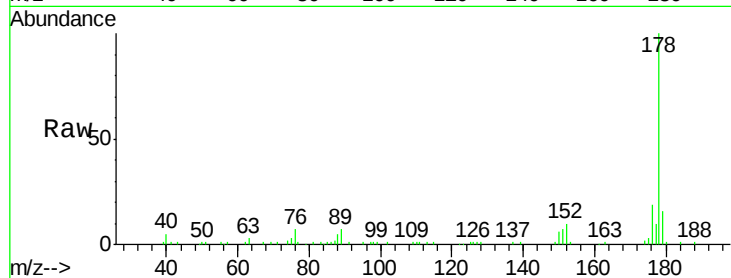




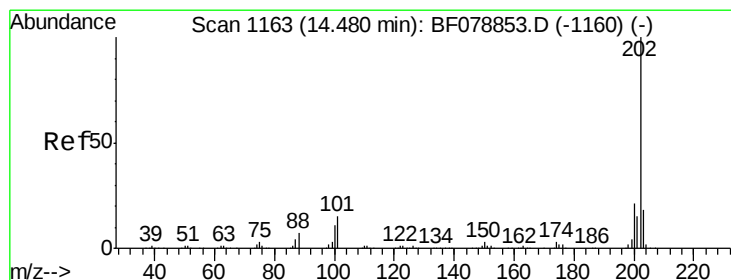
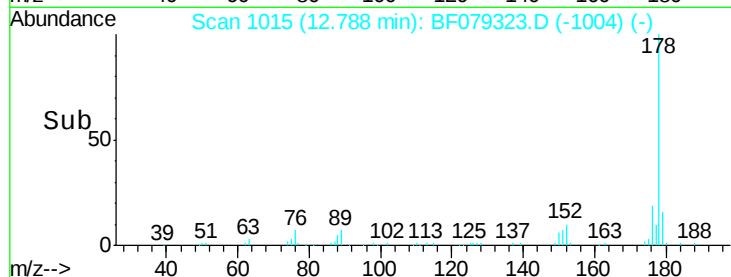
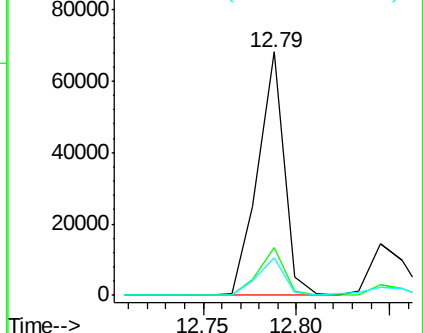
#70
Phenanthrene
Concen: 6.61 ng
RT: 12.79 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:178 Resp: 67973
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.6 12.2 18.4

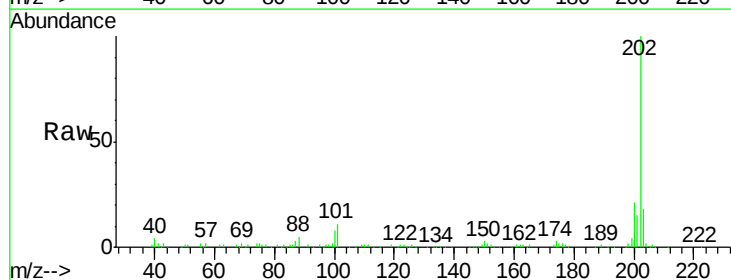


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

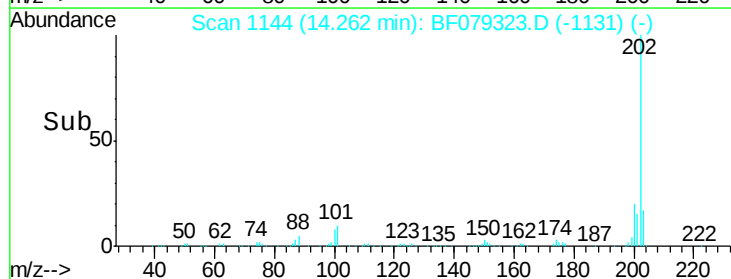
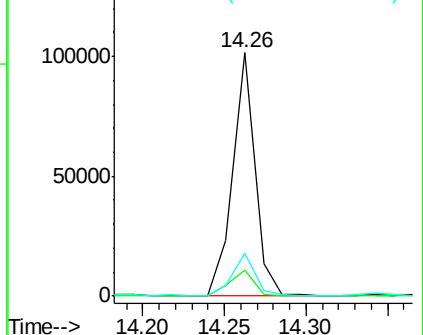


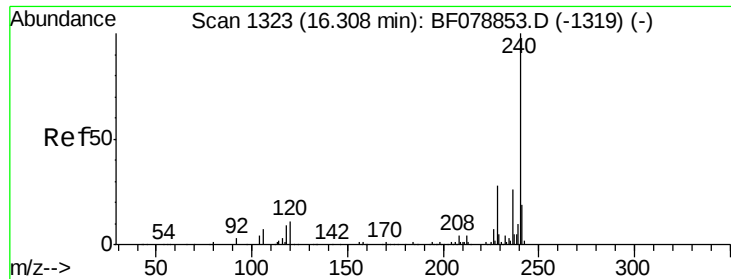
#74
Fluoranthene
Concen: 9.01 ng
RT: 14.26 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion:202 Resp: 96460
Ion Ratio Lower Upper
202 100
101 10.7 0.0 34.7
203 17.6 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

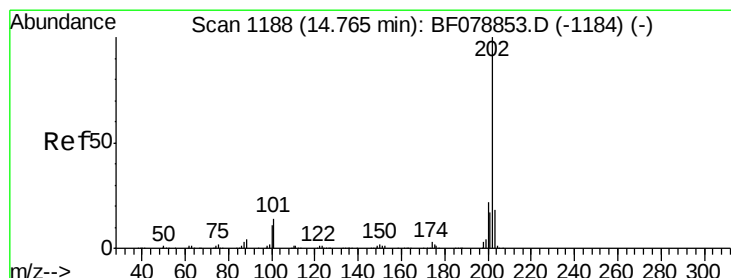
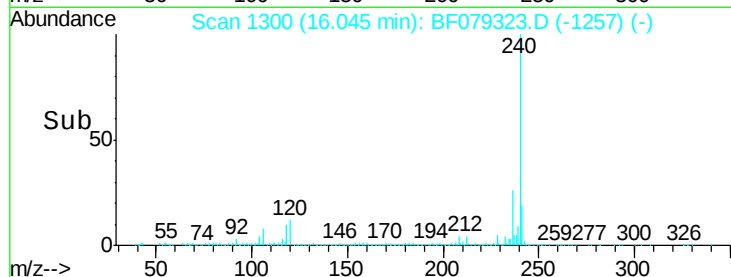
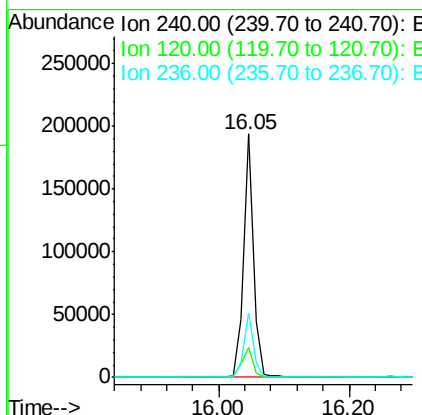
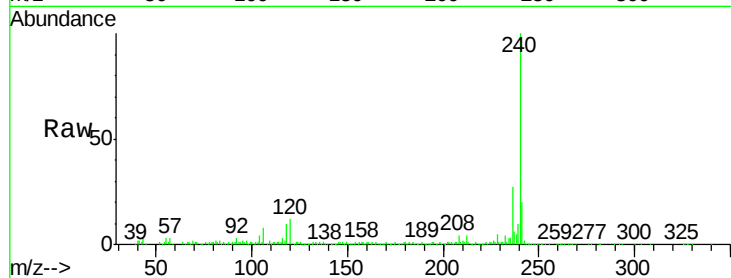




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

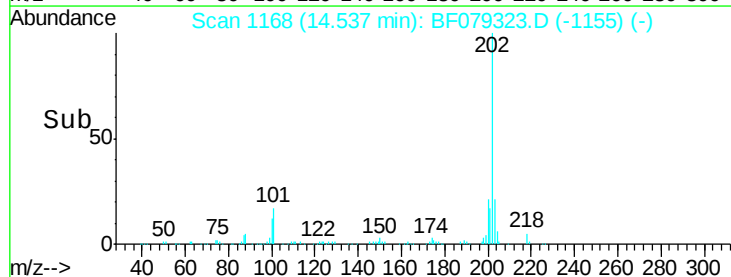
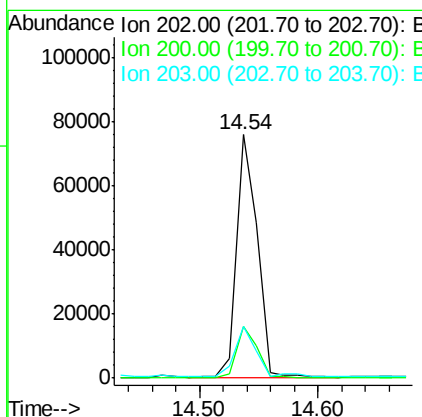
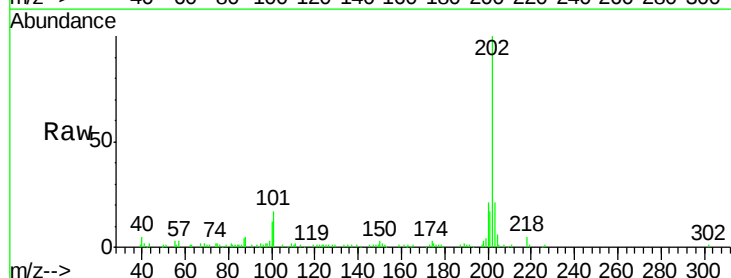
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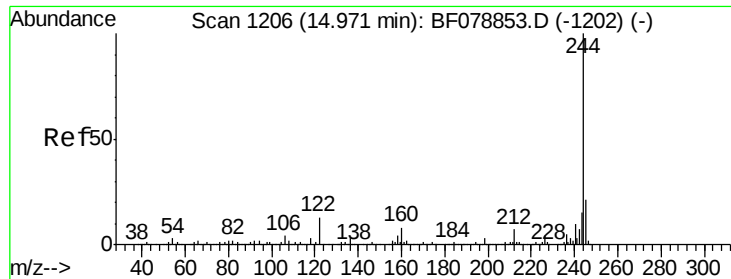
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.6	12.8
236	26.7	21.0	31.6



#77
Pyrene
Concen: 7.95 ng
RT: 14.54 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.5	26.3
203	21.3	14.7	22.1

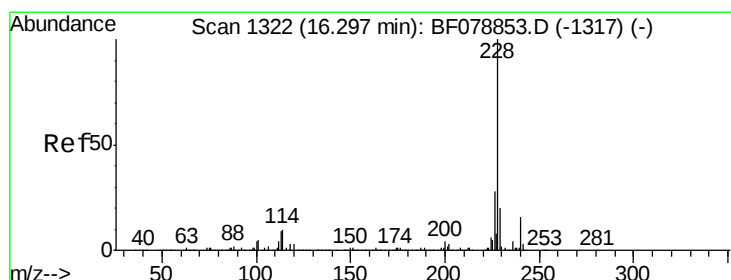
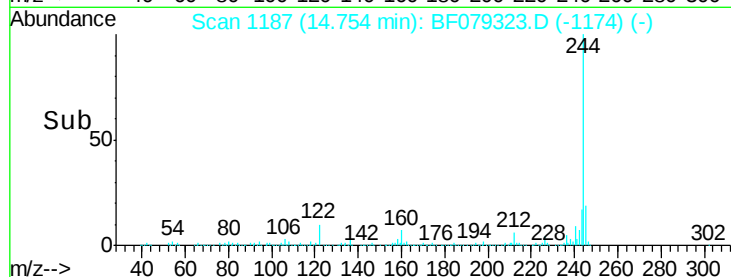
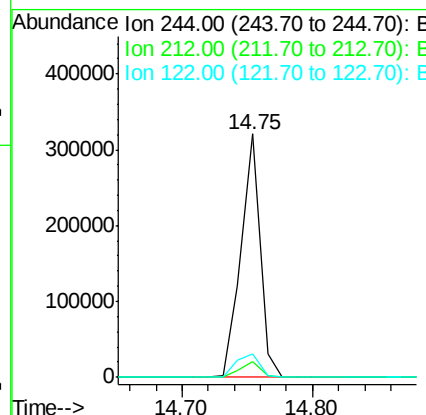
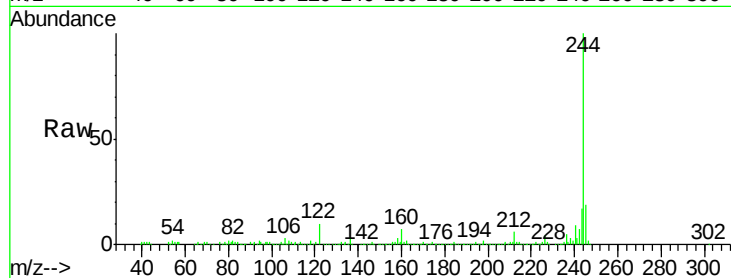




#78
 Terphenyl-d14
 Concen: 38.38 ng
 RT: 14.75 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF079323.D
 Acq: 19 May 2015 00:36

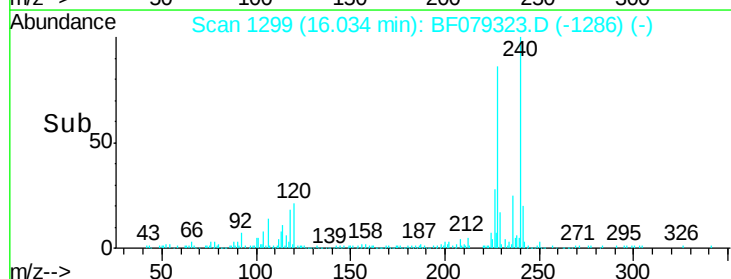
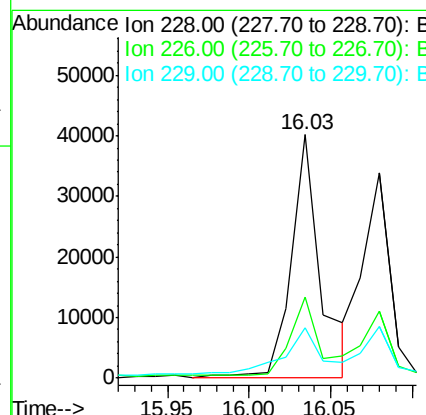
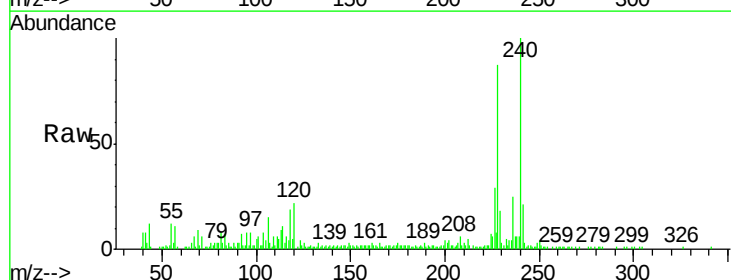
Instrument :
 BNA_F
 ClientSampleId :
 SB-15

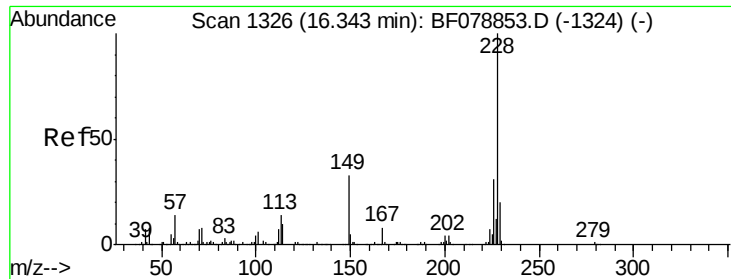
Tot Ion:244 Resp: 326153
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 9.8 10.5 15.7#



#80
 Benzo(a)anthracene
 Concen: 4.55 ng
 RT: 16.03 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF079323.D
 Acq: 19 May 2015 00:36

Tgt Ion:228 Resp: 50675
 Ion Ratio Lower Upper
 228 100
 226 33.4 22.3 33.5
 229 20.9 16.1 24.1

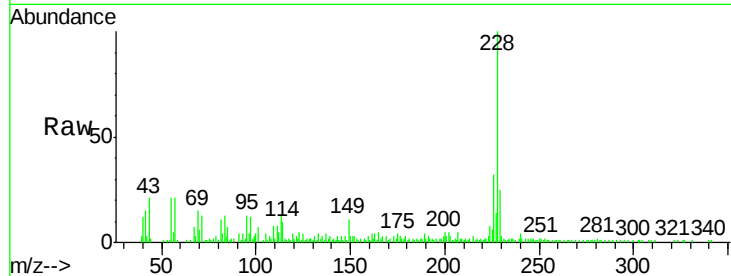




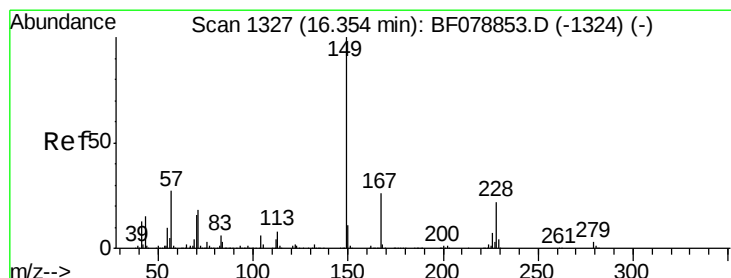
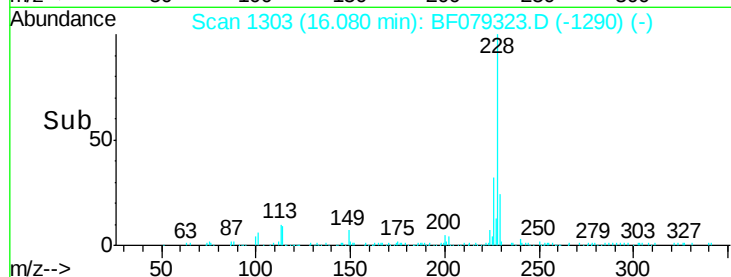
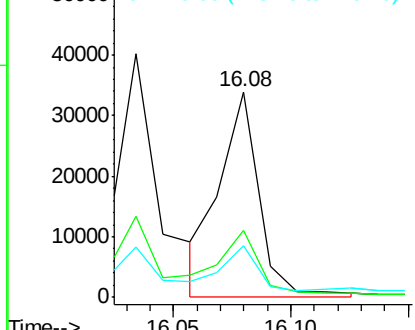
#82
Chrysene
Concen: 3.73 ng/mL
RT: 16.08 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Instrument :
BNA_F
ClientSampleID :
SB-15

Tot Ion: 228 Resp: 39924
Ion Ratio Lower Upper
228 100
226 32.4 24.8 37.2
229 25.0 16.1 24.1#

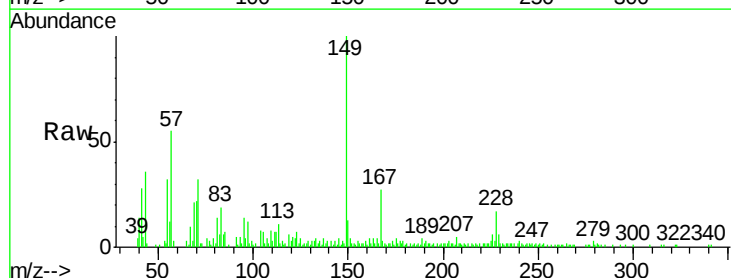


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

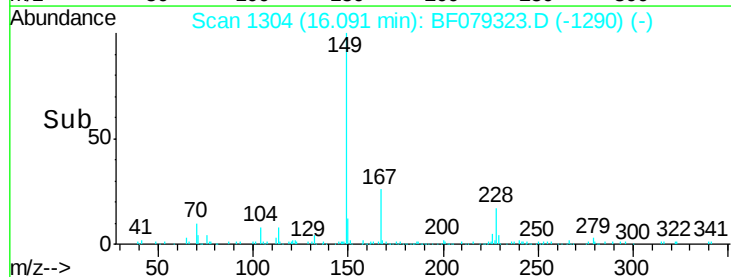
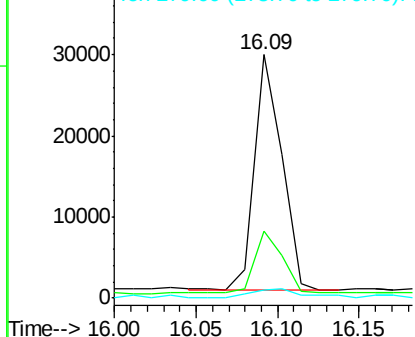


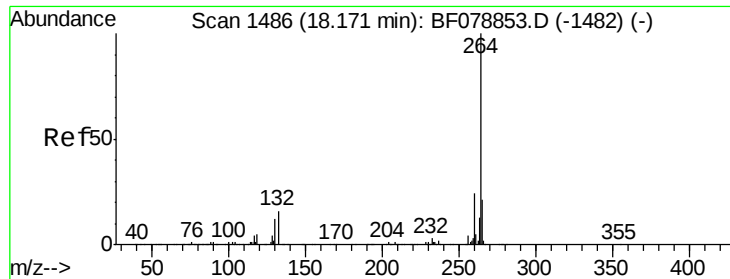
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.37 ng/mL
RT: 16.09 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion: 149 Resp: 33947
Ion Ratio Lower Upper
149 100
167 27.3 21.2 31.8
279 3.1 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

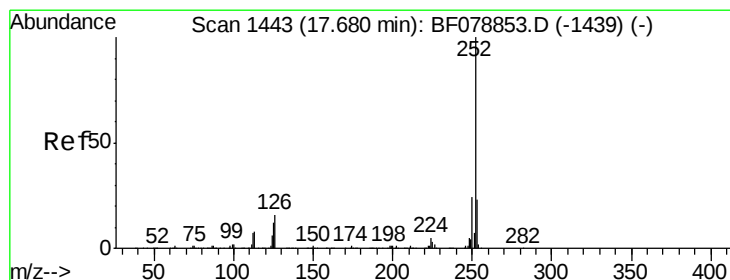
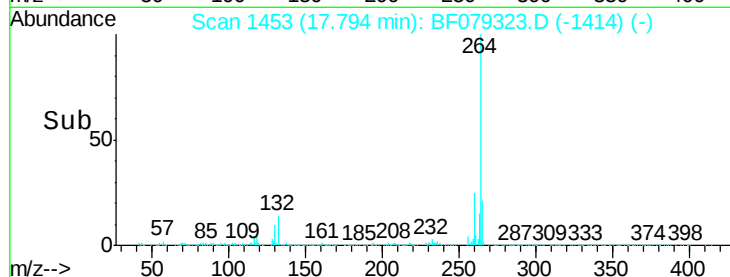
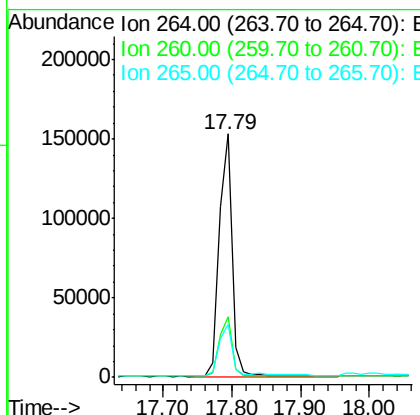
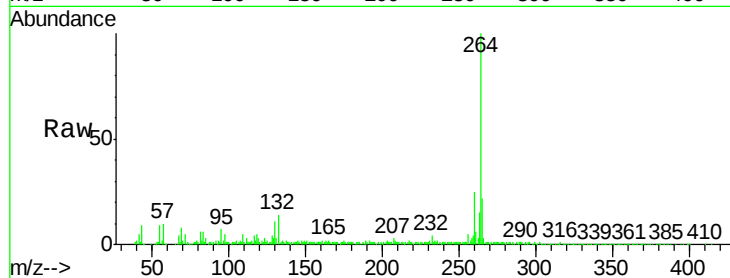




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1453
Delta R.T. -0.06 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

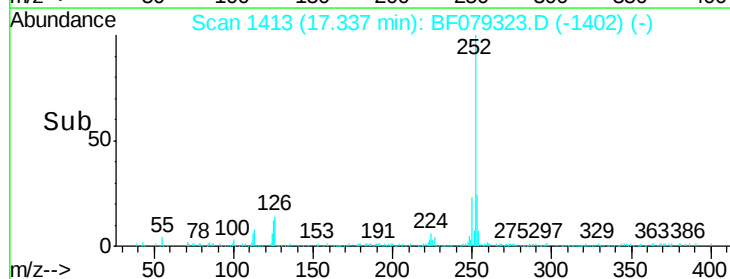
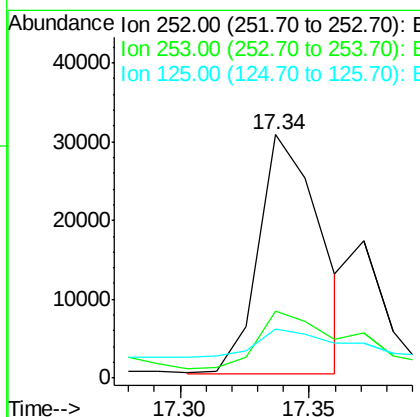
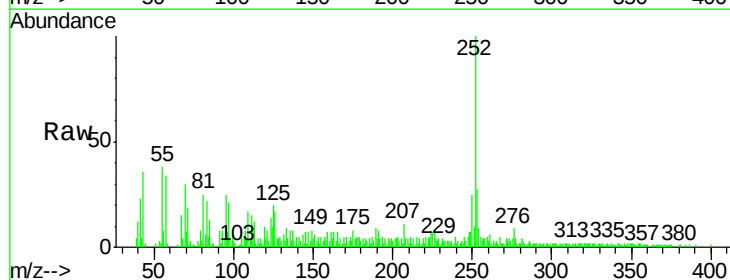
Instrument :
BNA_F
ClientSampleId :
SB-15

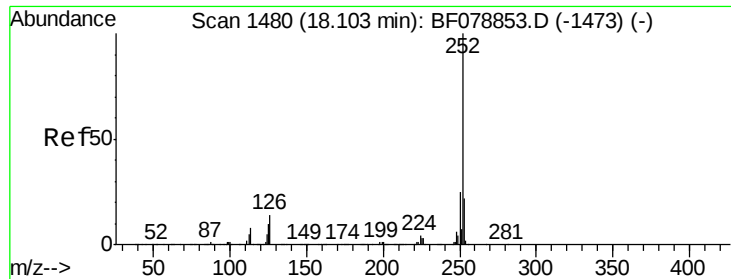
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.7	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 4.58 ng m
RT: 17.34 min Scan# 1413
Delta R.T. -0.06 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.1	27.1#
125	20.2	9.4	14.2#

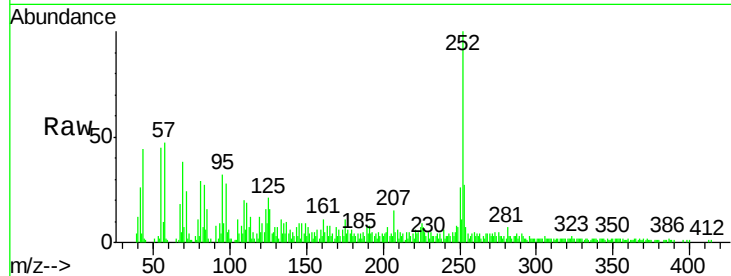




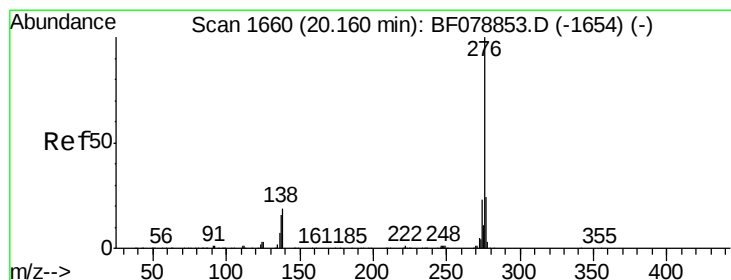
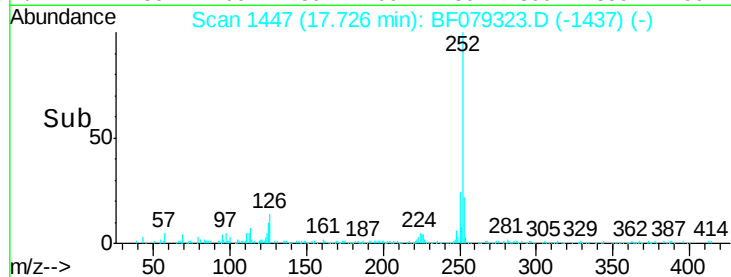
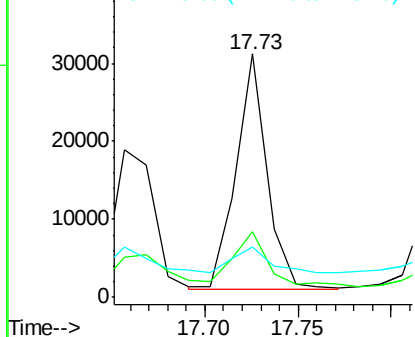
#89
Benzo(a)pyrene
Concen: 3.41 ng
RT: 17.73 min Scan# 1447
Delta R.T. -0.07 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Instrument :
BNA_F
ClientSampleId :
SB-15

Tot Ion:252 Resp: 34907
Ion Ratio Lower Upper
252 100
253 27.0 18.0 27.0#
125 20.8 8.2 12.2#

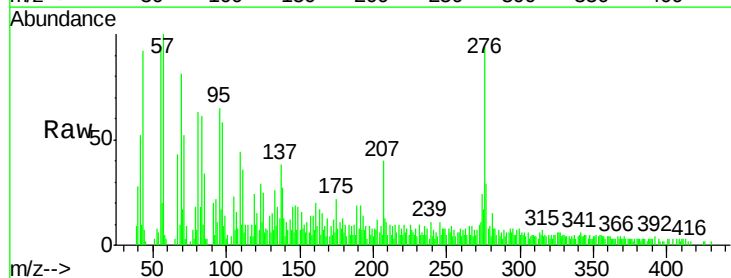


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.14 ng
RT: 19.60 min Scan# 1611
Delta R.T. -0.09 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion:276 Resp: 23311
Ion Ratio Lower Upper
276 100
277 31.3 18.8 28.2#
138 28.3 15.2 22.8#



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

