

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
 Data File : BF079251.D
 Acq On : 15 May 2015 00:50
 Operator : TP/IZ
 Sample : G2246-02 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Time: May 15 04:06:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 02:17:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	44151	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	177473	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	88319	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	178378	20.00	ng	0.00
75) Chrysene-d12	16.10	240	195554	20.00	ng	-0.14
86) Perylene-d12	17.82	264	202796	20.00	ng	-0.48

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	155487	60.62	ng	0.00
7) Phenol-d6	6.79	99	191464	56.47	ng	0.00
23) Nitrobenzene-d5	7.91	82	109347	35.41	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	55257	57.83	ng	0.00
44) 2-Fluorobiphenyl	10.14	172	232726	36.71	ng	-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng	

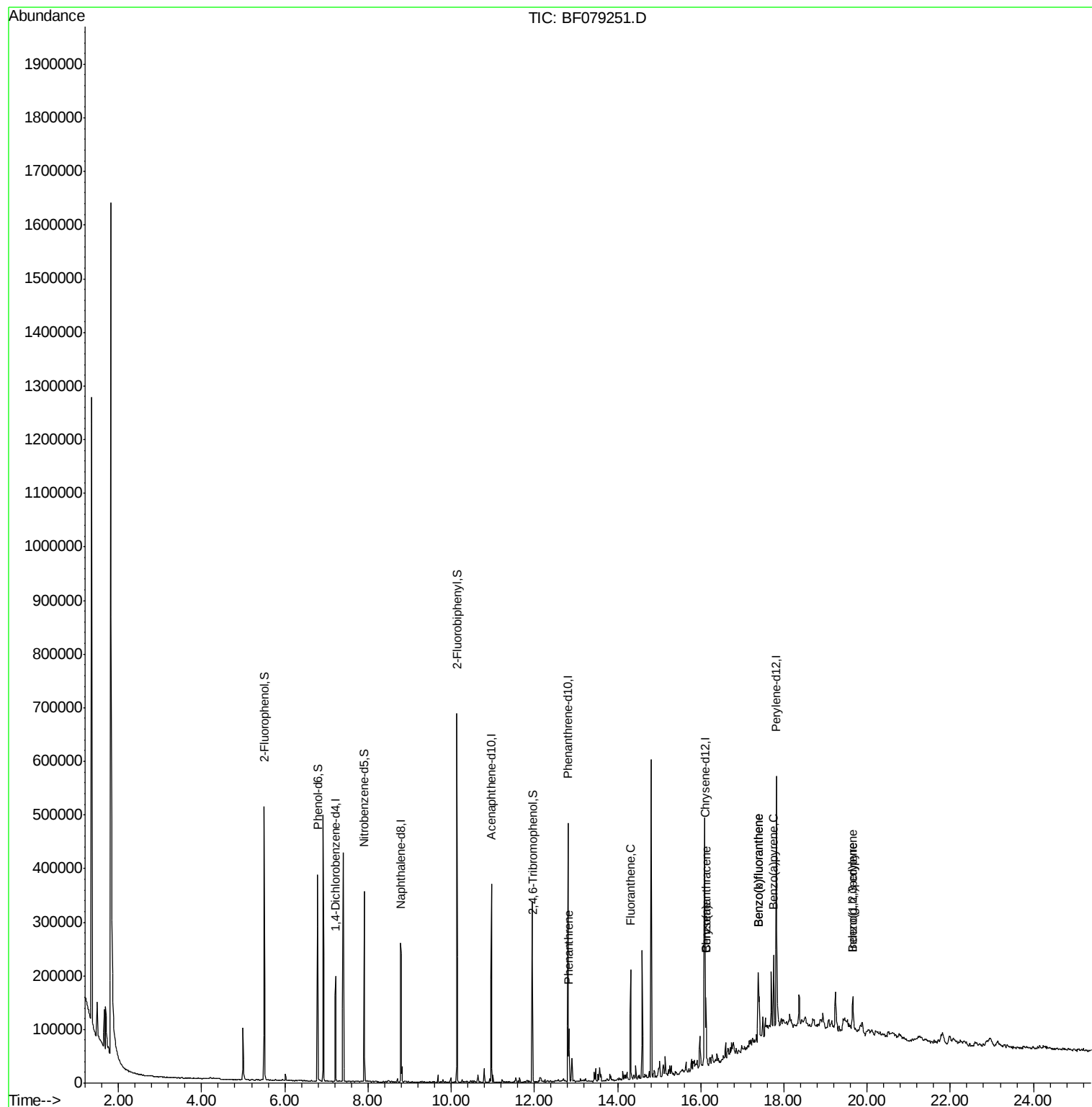
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
70) Phenanthrene	12.83	178	48853	4.90	ng	98
74) Fluoranthene	14.32	202	105079	10.11	ng	94
80) Benzo(a)anthracene	16.13	228	56792	5.30	ng	96
82) Chrysene	16.13	228	56358	5.47	ng	98
85) Indeno(1,2,3-cd)pyrene	19.66	276	46880	3.57	ng	# 93
87) Benzo(b)fluoranthene	17.38	252	118810	10.70	ng	99
88) Benzo(k)fluoranthene	17.38	252	120522	11.22	ng	# 96
89) Benzo(a)pyrene	17.75	252	67925	6.65	ng	# 93
91) Benzo(g,h,i)perylene	19.66	276	46880	4.31	ng	# 93

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

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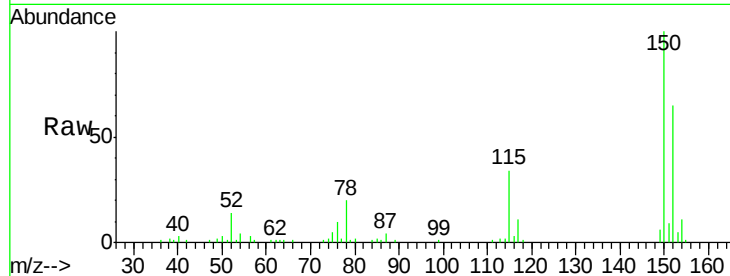




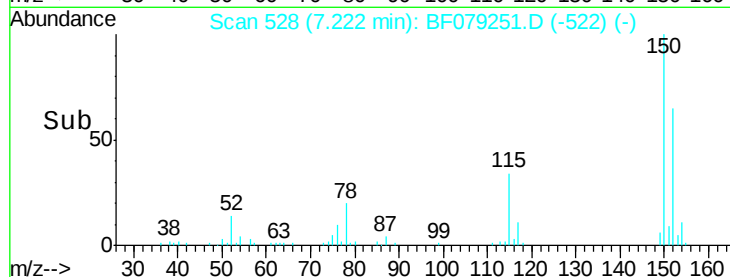
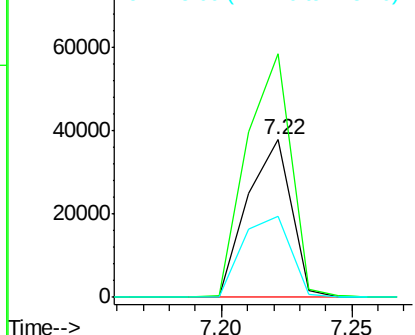
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF079251.D
 Acq: 15 May 2015 00:50

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tgt Ion:152 Resp: 44151
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.8 185.8
 115 51.9 49.4 74.0

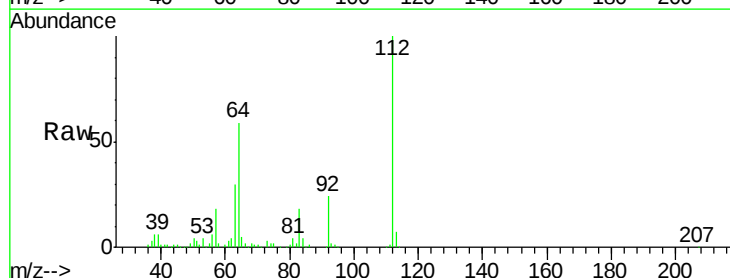


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

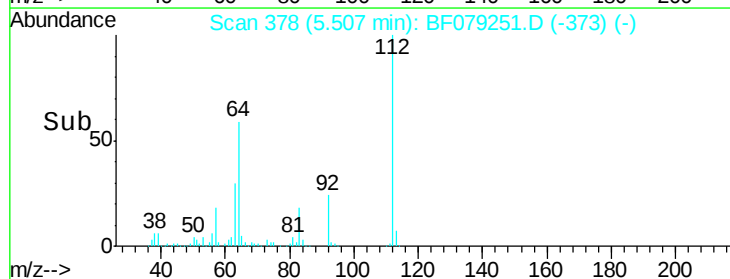
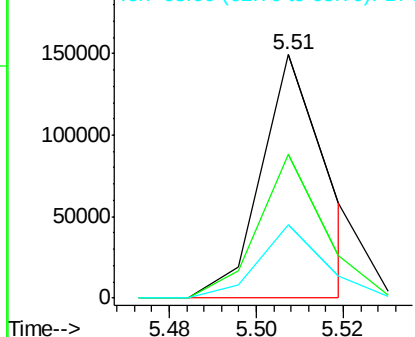


#5
 2-Fluorophenol
 Concen: 60.62 ng
 RT: 5.51 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: BF079251.D
 Acq: 15 May 2015 00:50

Tgt Ion:112 Resp: 155487
 Ion Ratio Lower Upper
 112 100
 64 58.9 44.2 66.2
 63 30.1 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: 56.47 ng

RT: 6.79 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF079251.D

Acq: 15 May 2015 00:50

Instrument :

BNA_F

ClientSampleId :

DUP-1

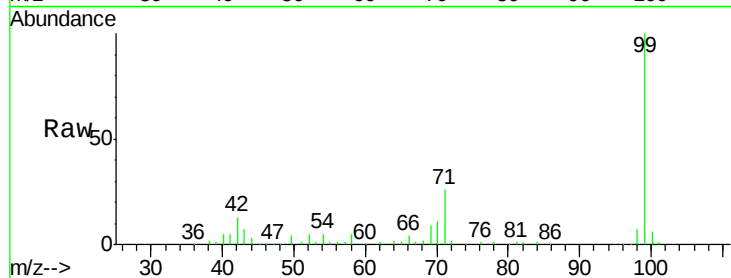
Tgt Ion: 99 Resp: 191464

Ion Ratio Lower Upper

99 100

42 13.3 17.1 25.7#

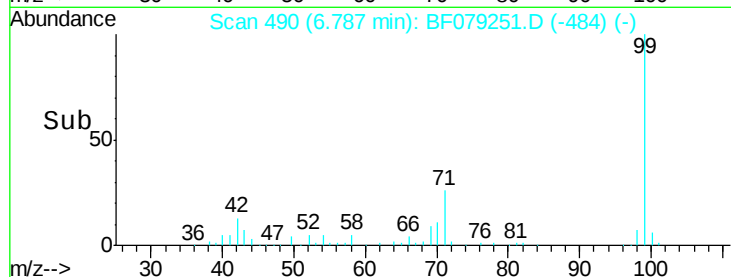
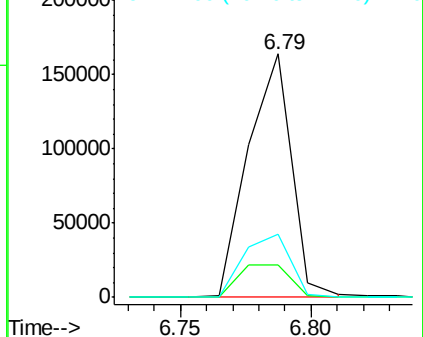
71 25.7 26.3 39.5#



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: 8.80 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF079251.D

Acq: 15 May 2015 00:50

Tgt Ion: 136 Resp: 177473

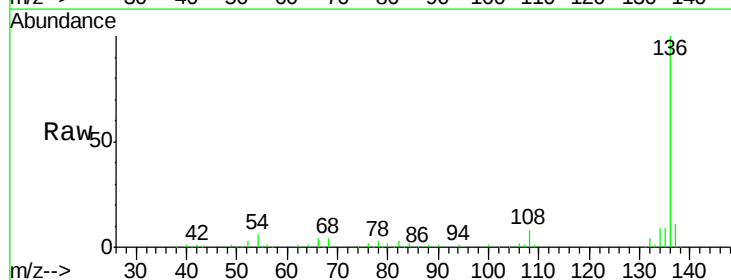
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 5.7 6.9 10.3#

68 4.4 4.9 7.3#

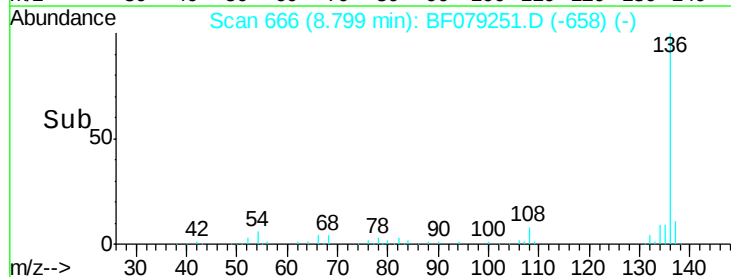
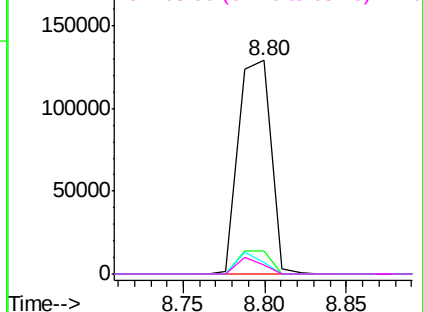


Abundance Ion 136.00 (135.70 to 136.70): E

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

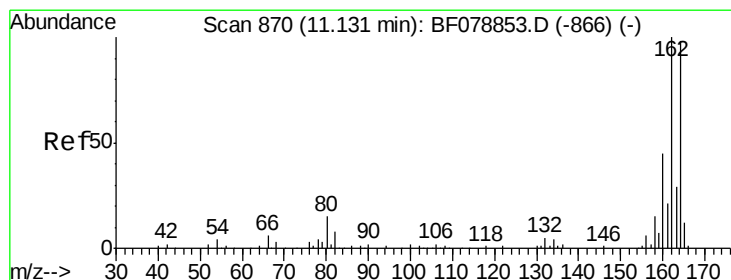
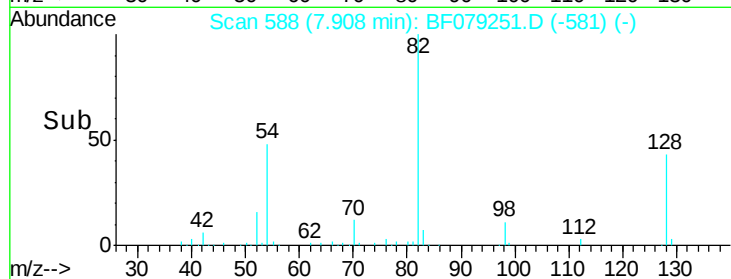
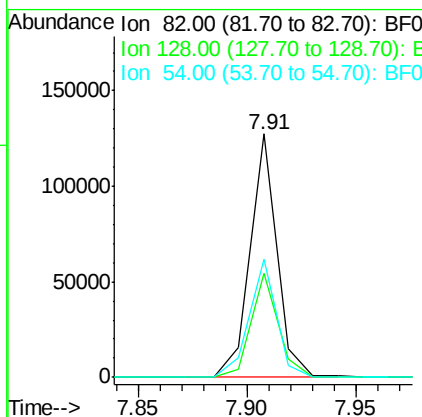
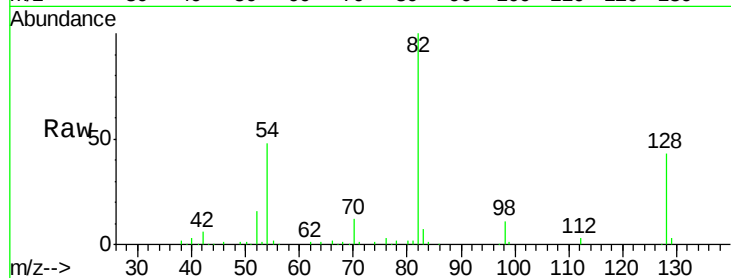




#23
 Nitrobenzene-d5
 Concen: 35.41 ng
 RT: 7.91 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF079251.D
 Acq: 15 May 2015 00:50

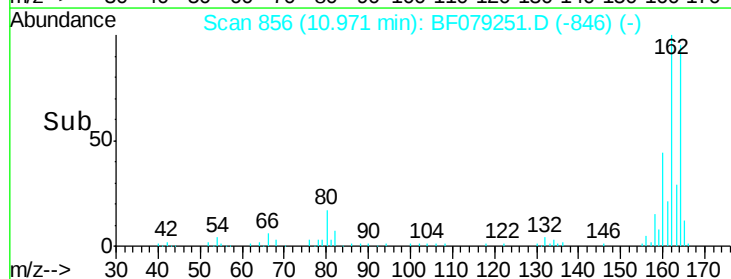
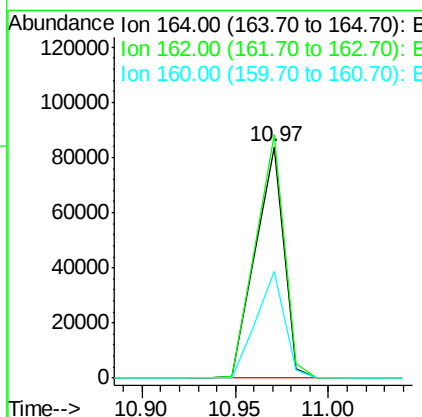
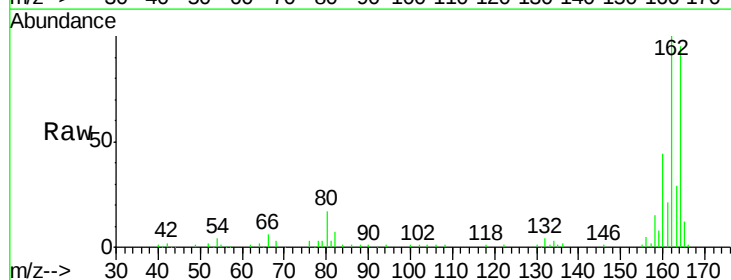
Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tgt Ion: 82 Resp: 109347
 Ion Ratio Lower Upper
 82 100
 128 42.9 29.7 44.5
 54 48.4 46.2 69.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF079251.D
 Acq: 15 May 2015 00:50

Tgt Ion: 164 Resp: 88319
 Ion Ratio Lower Upper
 164 100
 162 105.4 81.4 122.0
 160 46.3 36.6 54.8

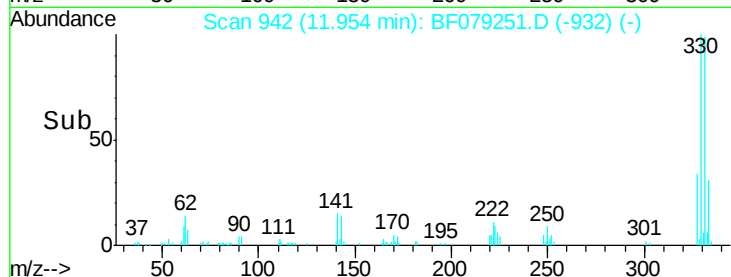
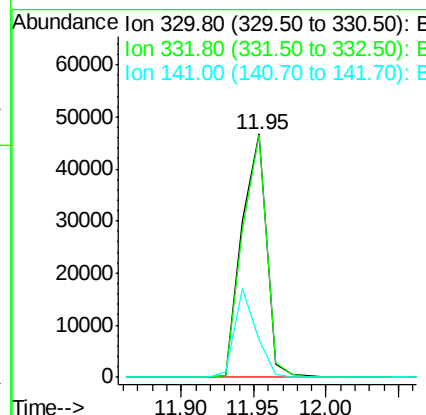
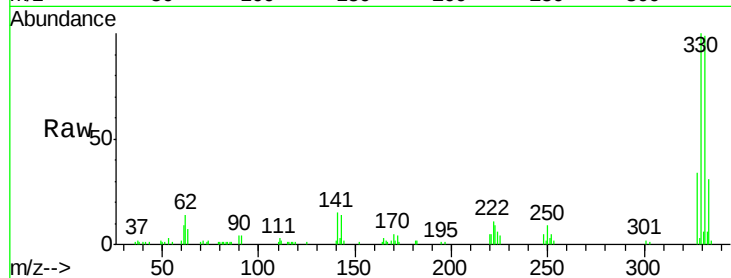




#41
 2,4,6-Tribromophenol
 Concen: 57.83 ng
 RT: 11.95 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF079251.D
 Acq: 15 May 2015 00:50

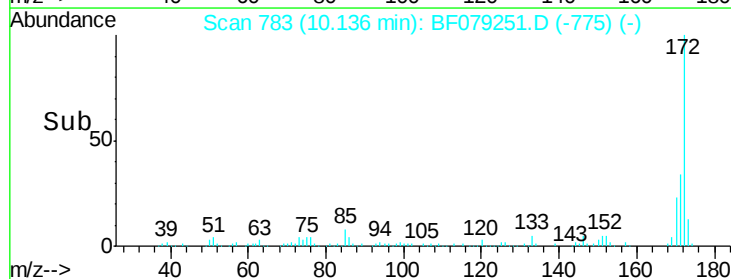
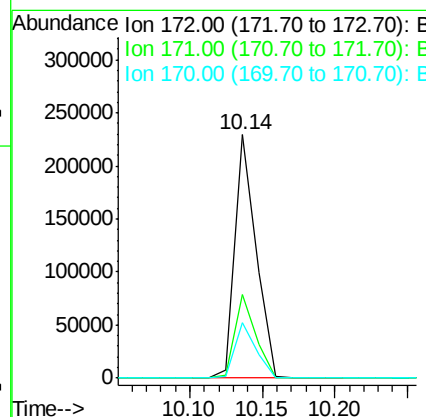
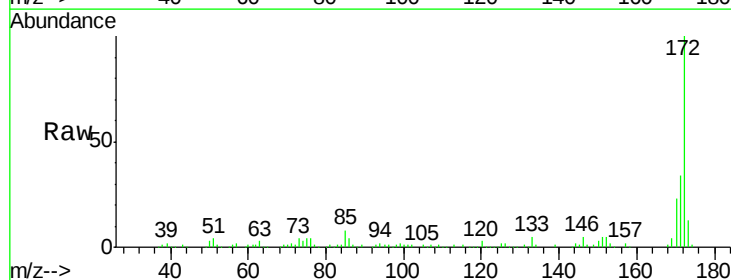
Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tgt Ion:330 Resp: 55257
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.9 115.3
 141 31.9 27.8 41.8



#44
 2-Fluorobiphenyl
 Concen: 36.71 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF079251.D
 Acq: 15 May 2015 00:50

Tgt Ion:172 Resp: 232726
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.3 42.5
 170 22.7 19.4 29.2

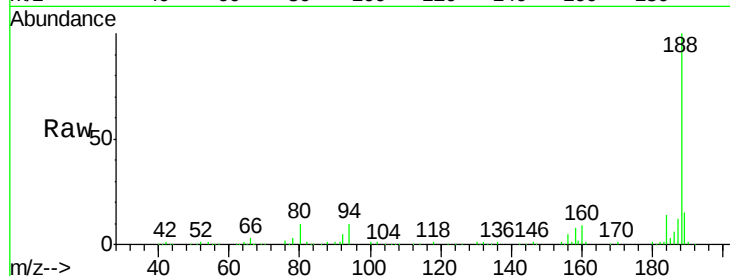




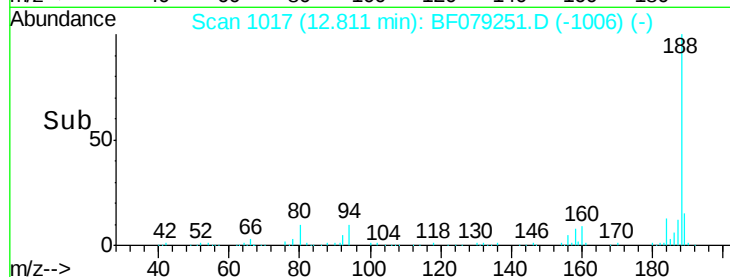
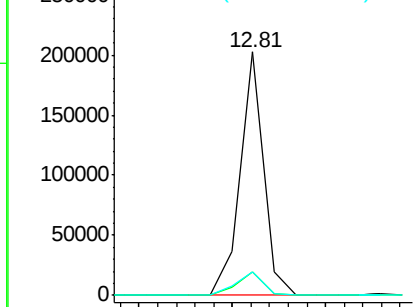
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.81 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF079251.D
 Acq: 15 May 2015 00:50

Instrument :
 BNA_F
 ClientSampled :
 DUP-1

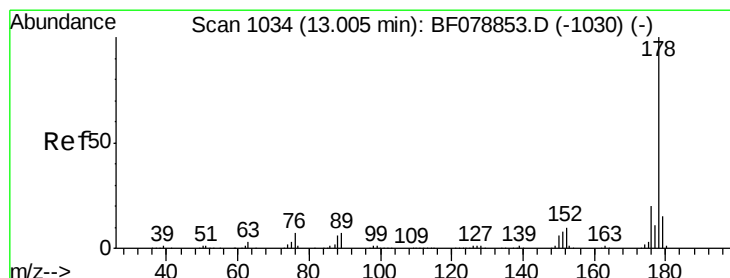
Tgt Ion:188 Resp: 178378
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.4 14.0
 80 9.7 9.8 14.6#



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

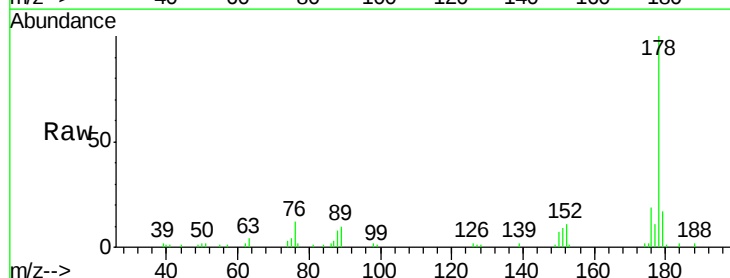


Time-->

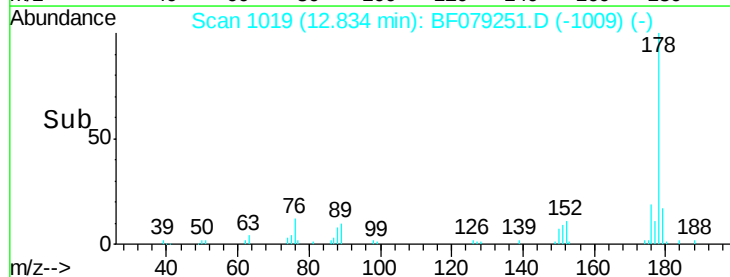
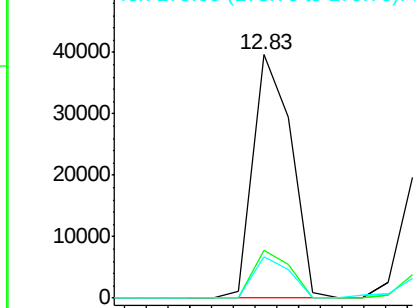


#70
 Phenanthrene
 Concen: 4.90 ng
 RT: 12.83 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF079251.D
 Acq: 15 May 2015 00:50

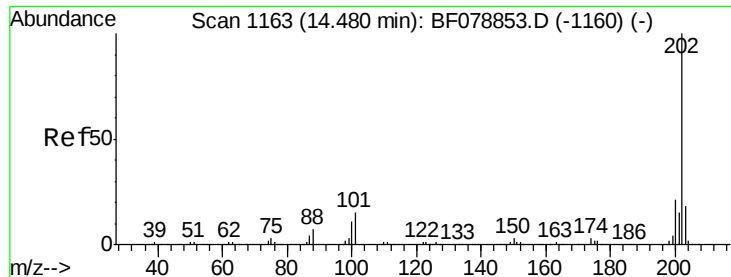
Tgt Ion:178 Resp: 48853
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 16.9 12.2 18.4



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



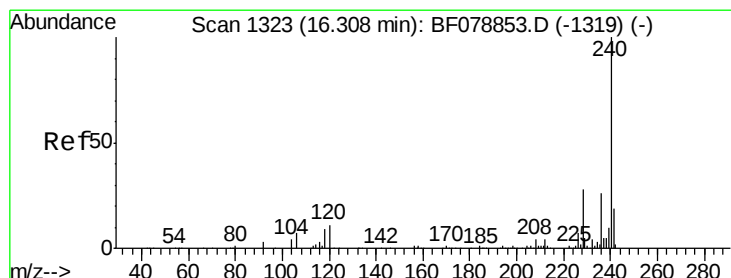
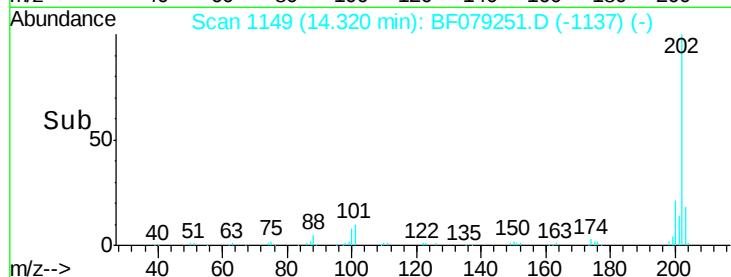
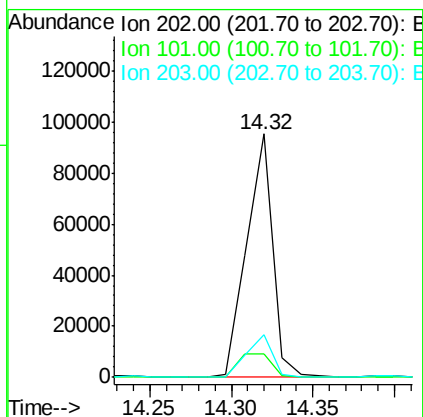
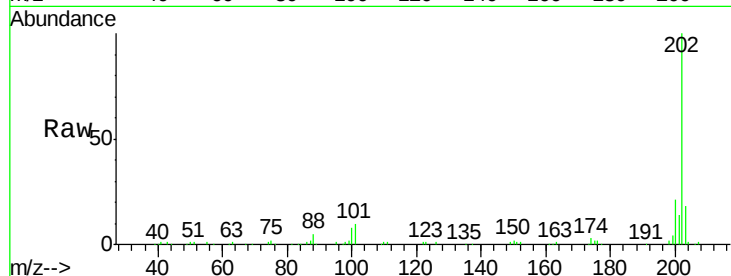
Time-->



#74
 Fluoranthene
 Concen: 10.11 ng
 RT: 14.32 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF079251.D
 Acq: 15 May 2015 00:50

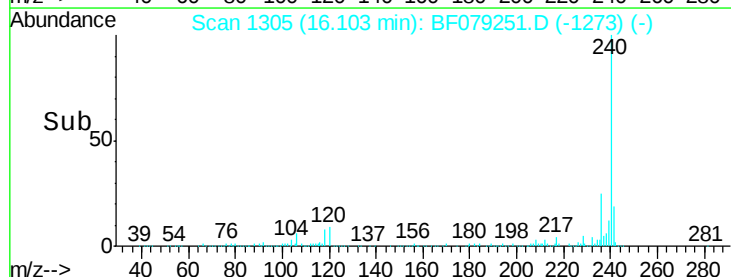
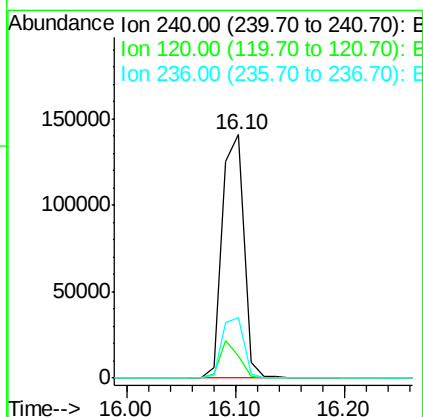
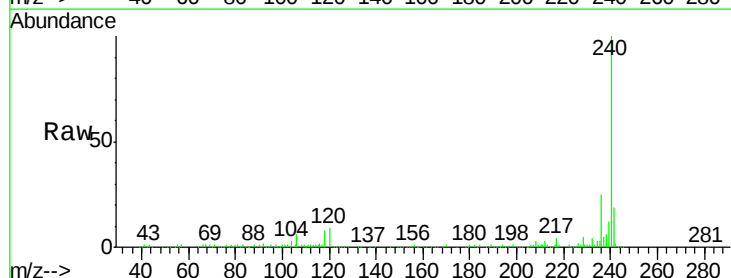
Instrument :
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 DUP-1

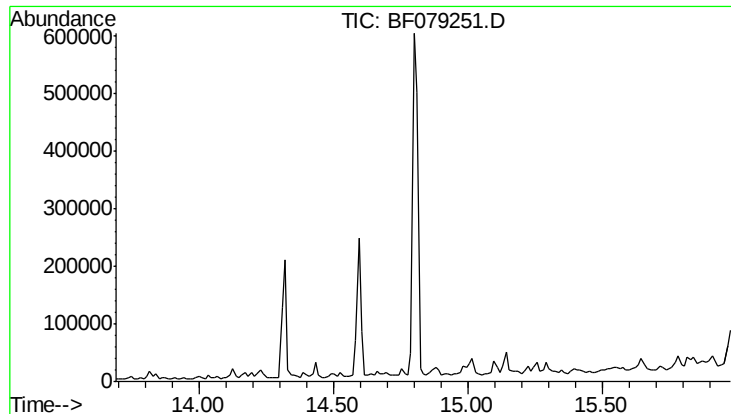
Tgt Ion: 202 Resp: 105079
 Ion Ratio Lower Upper
 202 100
 101 9.6 0.0 34.7
 203 17.7 0.0 37.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 1305
 Delta R.T. -0.14 min
 Lab File: BF079251.D
 Acq: 15 May 2015 00:50

Tgt Ion: 240 Resp: 195554
 Ion Ratio Lower Upper
 240 100
 120 8.9 8.6 12.8
 236 24.7 21.0 31.6



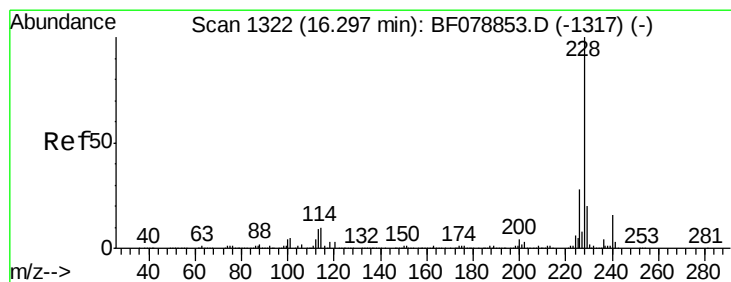
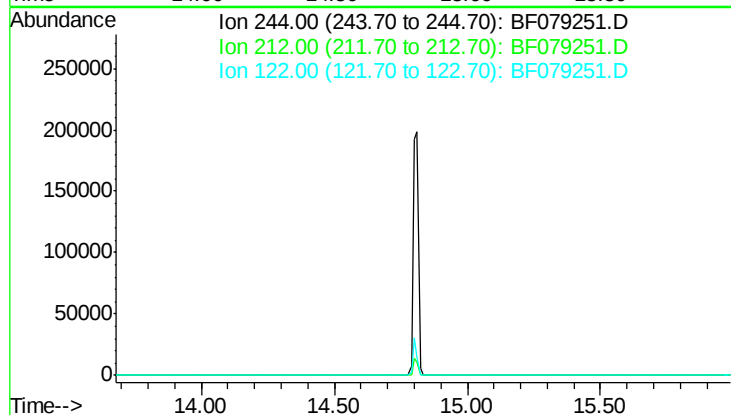


#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 14.83 min
 Lab File: BF079251.D
 Acq: 15 May 2015 00:50

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tgt Ion: 244

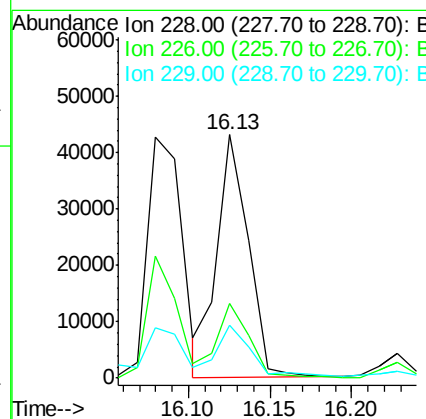
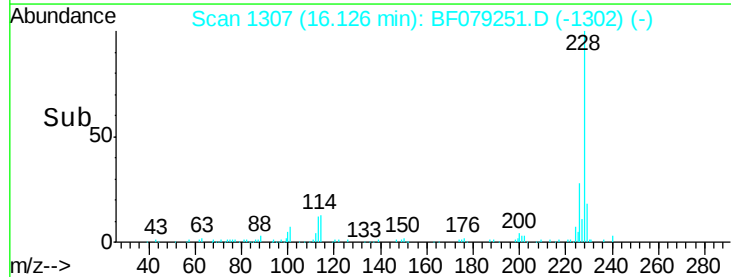
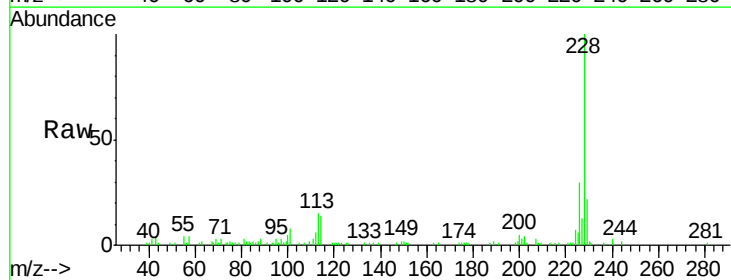
Sig	Exp Ratio
244	100
212	7.0
122	13.1

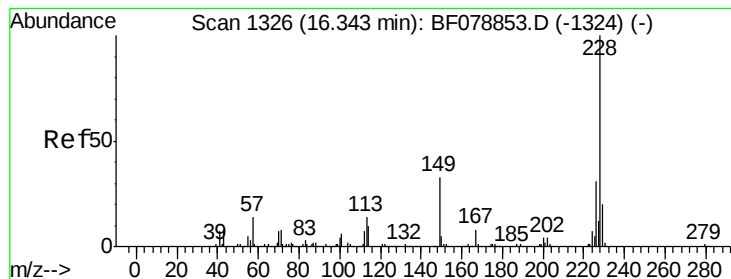


#80
 Benzo(a)anthracene
 Concen: 5.30 ng
 RT: 16.13 min Scan# 1307
 Delta R.T. -0.10 min
 Lab File: BF079251.D
 Acq: 15 May 2015 00:50

Tgt Ion: 228 Resp: 56792

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.3	33.5
229	21.8	16.1	24.1





#82

Chrysene

Concen: 5.47 ng

RT: 16.13 min Scan# 1307

Delta R.T. -0.16 min

Lab File: BF079251.D

Acq: 15 May 2015 00:50

Instrument :

BNA_F

ClientSampleId :

DUP-1

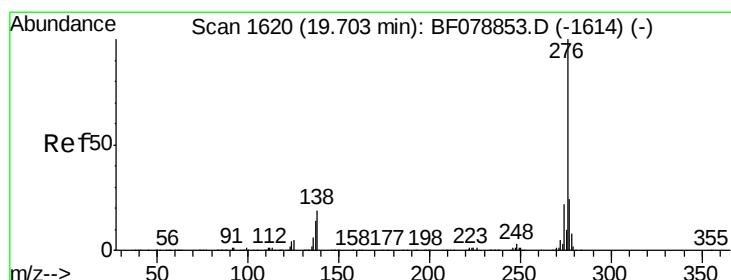
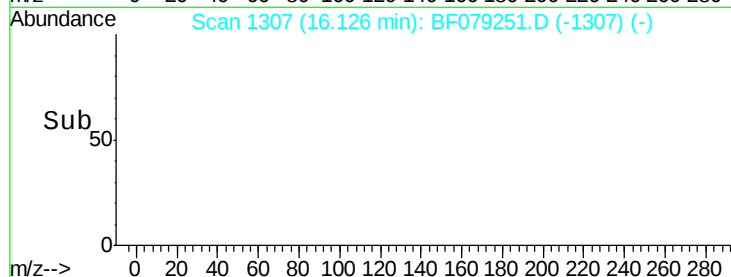
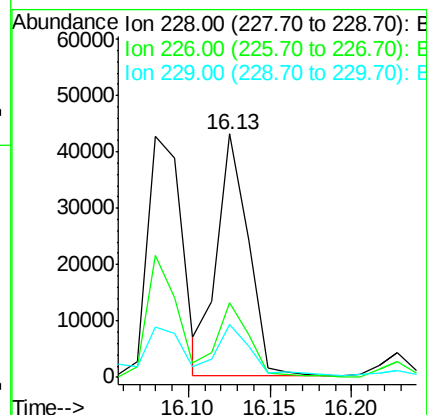
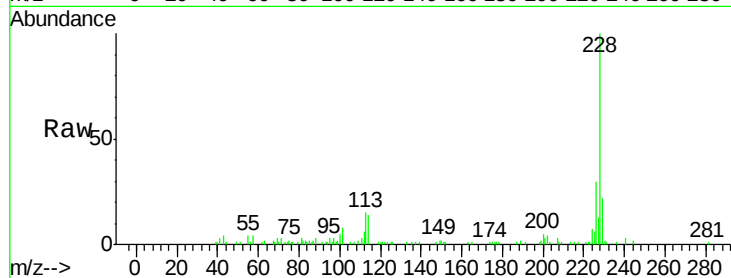
Tgt Ion: 228 Resp: 56358

Ion Ratio Lower Upper

228 100

226 30.4 24.8 37.2

229 21.8 16.1 24.1



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.57 ng

RT: 19.66 min Scan# 1616

Delta R.T. -0.17 min

Lab File: BF079251.D

Acq: 15 May 2015 00:50

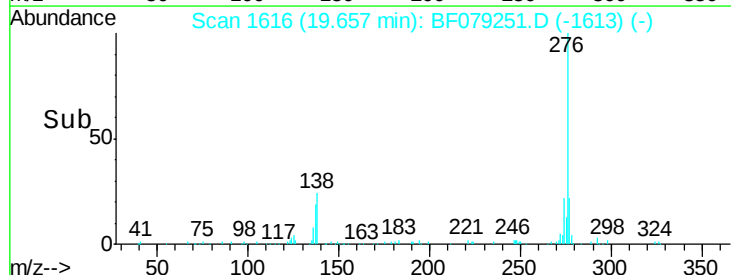
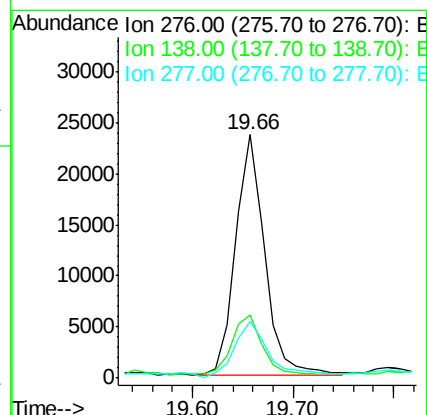
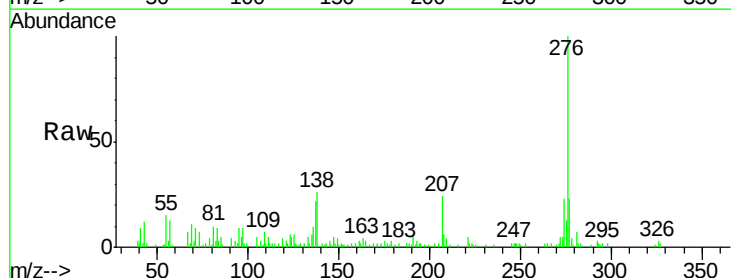
Tgt Ion: 276 Resp: 46880

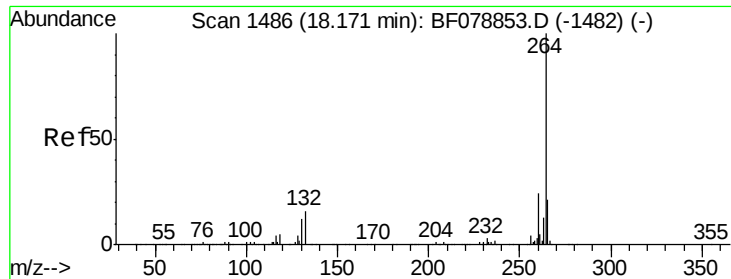
Ion Ratio Lower Upper

276 100

138 27.5 21.1 31.7

277 30.9 19.9 29.9#

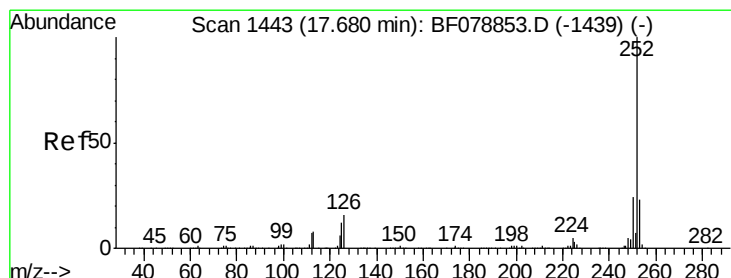
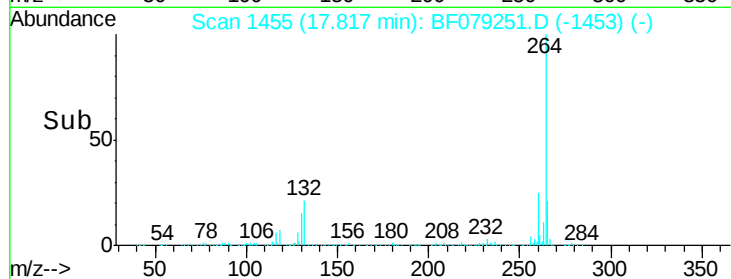
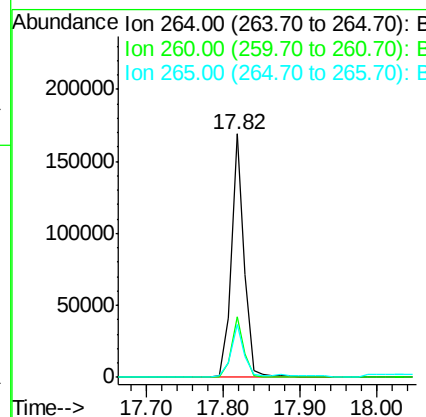
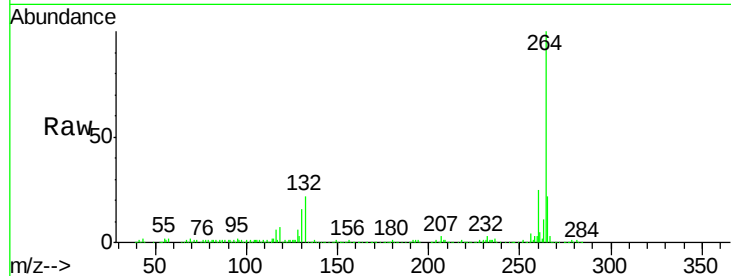




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.82 min Scan# 1455
Delta R.T. -0.48 min
Lab File: BF079251.D
Acq: 15 May 2015 00:50

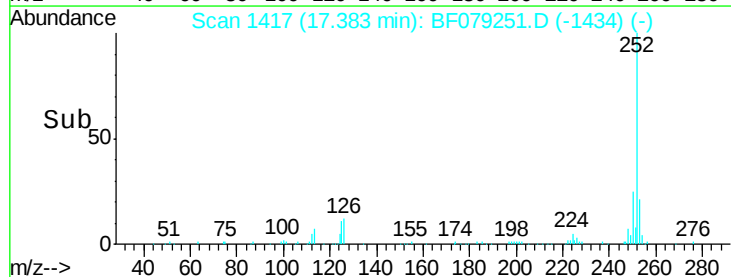
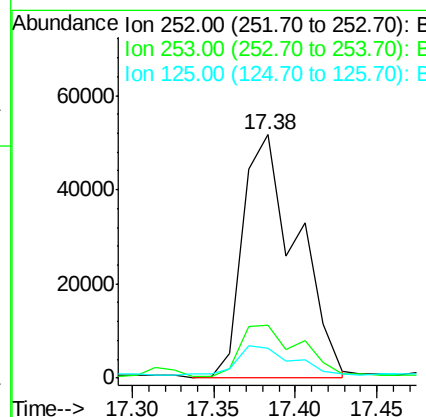
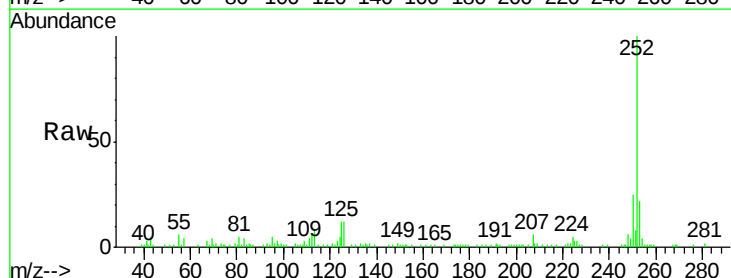
Instrument :
BNA_F
ClientSampleId :
DUP-1

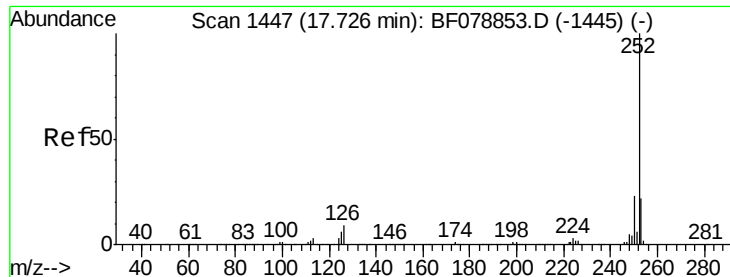
Tgt Ion: 264 Resp: 202796
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 10.70 ng
RT: 17.38 min Scan# 1417
Delta R.T. -0.38 min
Lab File: BF079251.D
Acq: 15 May 2015 00:50

Tgt Ion: 252 Resp: 118810
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 12.1 9.4 14.2

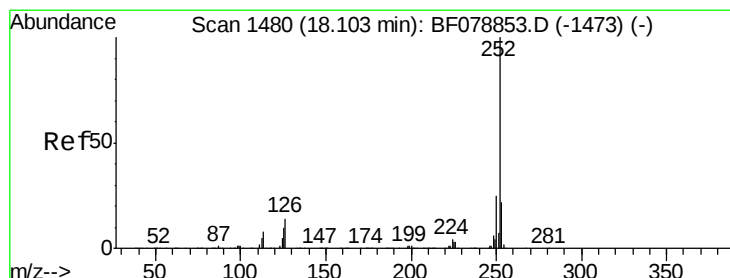
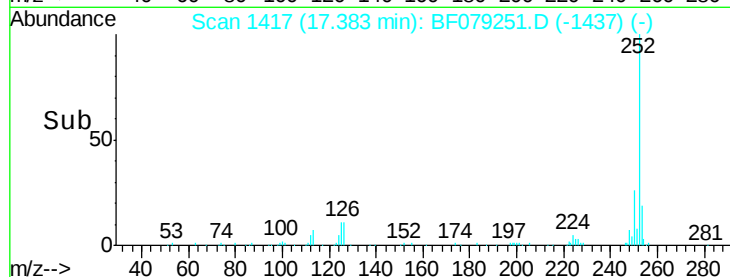
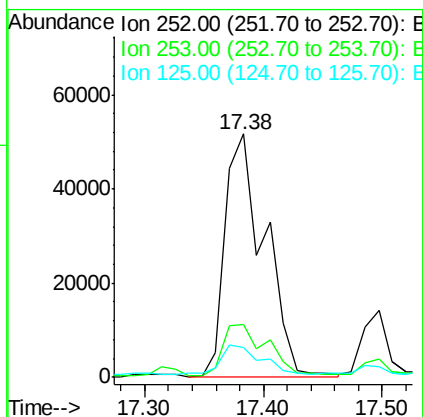
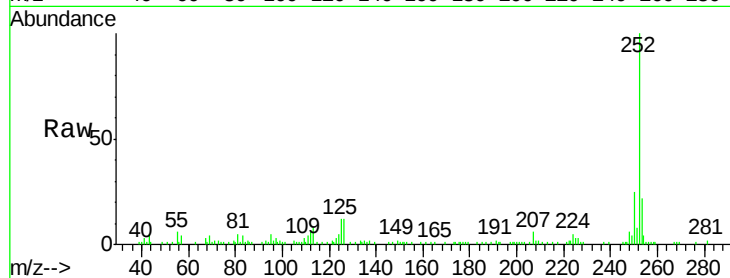




#88
Benzo(k)fluoranthene
Concen: 11.22 ng
RT: 17.38 min Scan# 1417
Delta R.T. -0.41 min
Lab File: BF079251.D
Acq: 15 May 2015 00:50

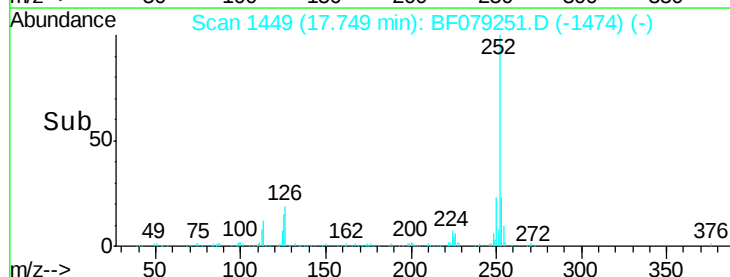
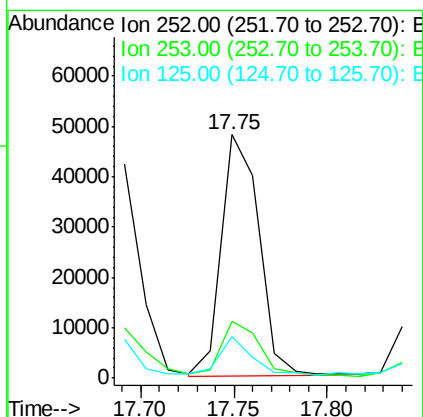
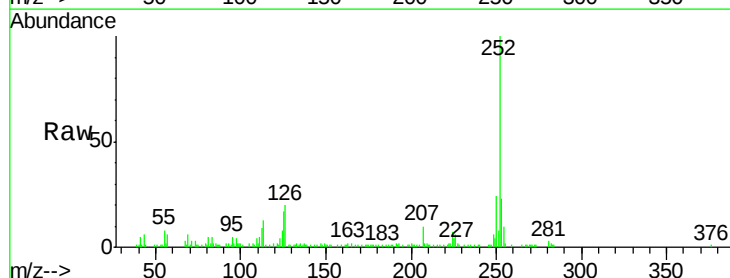
Instrument :
BNA_F
ClientSampleId :
DUP-1

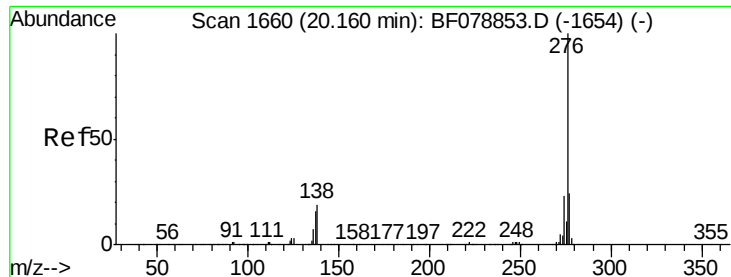
Tgt Ion:252 Resp: 120522
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 12.1 6.1 9.1#



#89
Benzo(a)pyrene
Concen: 6.65 ng
RT: 17.75 min Scan# 1449
Delta R.T. -0.47 min
Lab File: BF079251.D
Acq: 15 May 2015 00:50

Tgt Ion:252 Resp: 67925
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 17.1 8.2 12.2#





#91

Benzo(g,h,i)perylene

Concen: 4.31 ng

RT: 19.66 min Scan# 1616

Delta R.T. -0.61 min

Lab File: BF079251.D

Acq: 15 May 2015 00:50

Instrument :

BNA_F

ClientSampleId :

DUP-1

Tgt Ion: 276 Resp: 46880

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 26.2 15.2 22.8#

