

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
 Data File : BF078687.D
 Acq On : 21 Apr 2015 16:59
 Operator : TP/IZ
 Sample : G1943-02RE 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-2RE

Quant Time: Apr 22 02:25:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 00:52:13 2015
 Response via : Initial Calibration

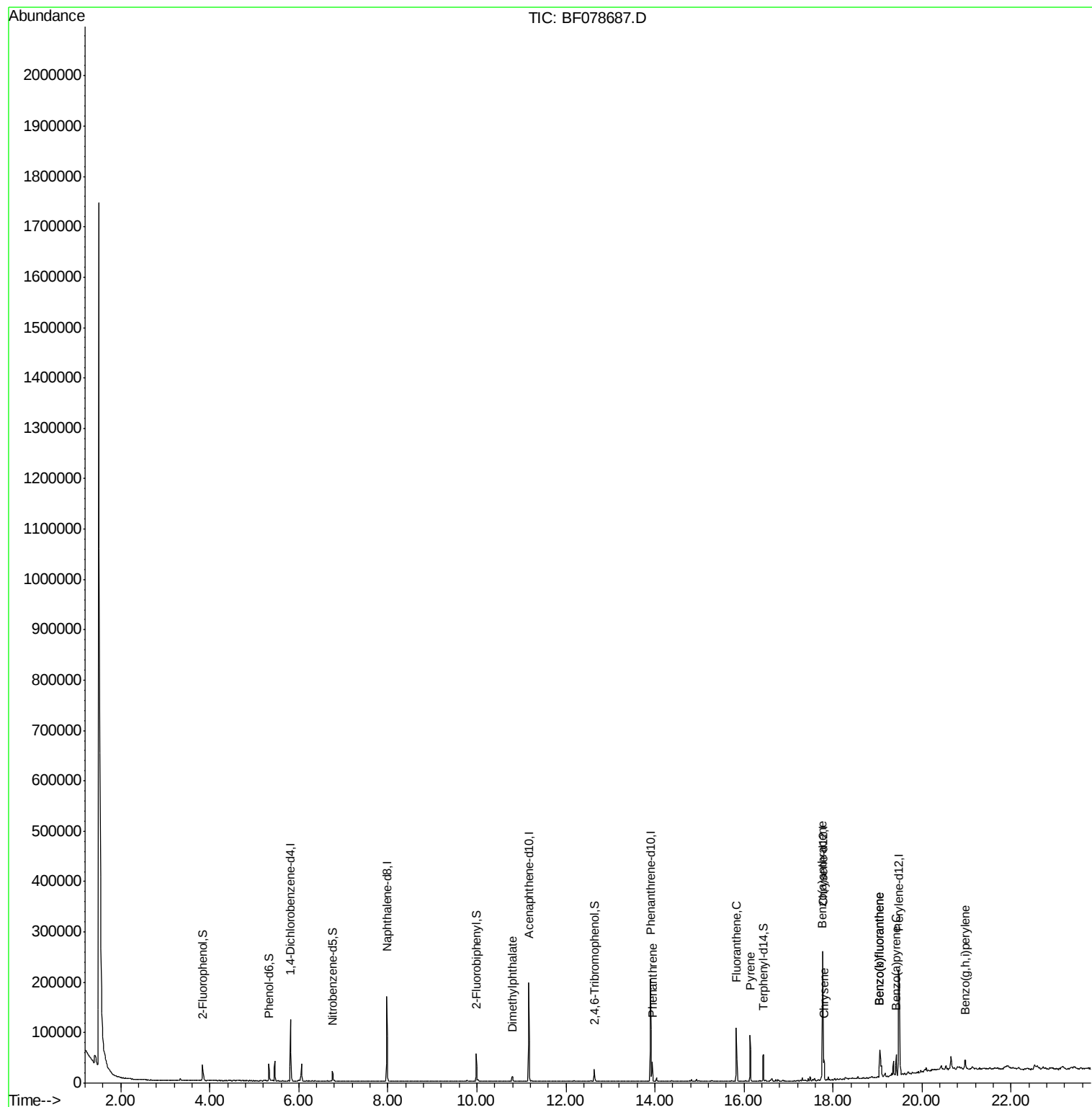
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	25856	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	108787	20.00	ng	-0.01
38) Acenaphthene-d10	11.16	164	55424	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	111149	20.00	ng	-0.01
75) Chrysene-d12	17.77	240	122555	20.00	ng	-0.01
86) Perylene-d12	19.49	264	121622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	14550	9.28	ng	0.01
7) Phenol-d6	5.32	99	19876	10.11	ng	0.00
23) Nitrobenzene-d5	6.75	82	11443	6.38	ng	-0.01
41) 2,4,6-Tribromophenol	12.64	330	5131	11.16	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	26779	6.91	ng	-0.01
78) Terphenyl-d14	16.43	244	32084	5.92	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.80	163	8356	2.01	ng	# 96
70) Phenanthrene	13.94	178	23849	3.71	ng	98
74) Fluoranthene	15.83	202	55823	8.23	ng	94
77) Pyrene	16.14	202	49461	6.43	ng	97
80) Benzo(a)anthracene	17.76	228	23973	3.29	ng	97
82) Chrysene	17.81	228	19967	2.91	ng	97
87) Benzo(b)fluoranthene	19.05	252	41078	5.46	ng	# 95
88) Benzo(k)fluoranthene	19.05	252	41084	6.15	ng	97
89) Benzo(a)pyrene	19.42	252	21717	3.31	ng	# 96
91) Benzo(g,h,i)perylene	20.97	276	14063	2.14	ng	98

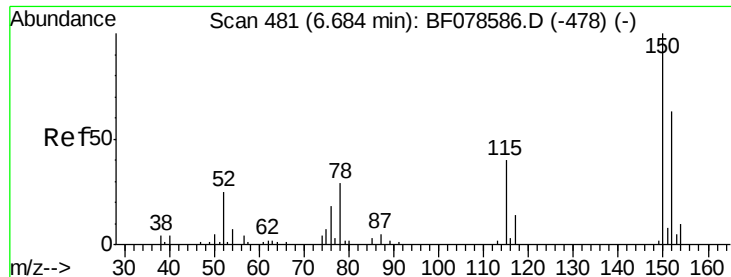
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
Data File : BF078687.D
Acq On : 21 Apr 2015 16:59
Operator : TP/IZ
Sample : G1943-02RE 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-A-2RE

Quant Time: Apr 22 02:25:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 00:52:13 2015
Response via : Initial Calibration

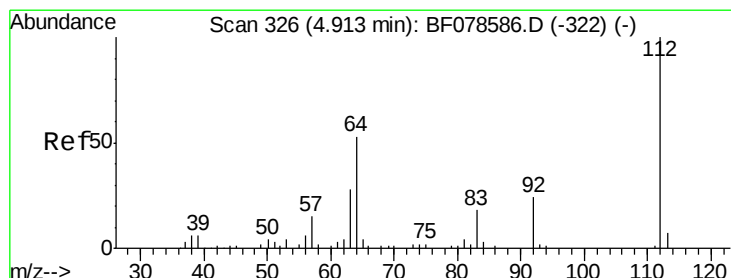
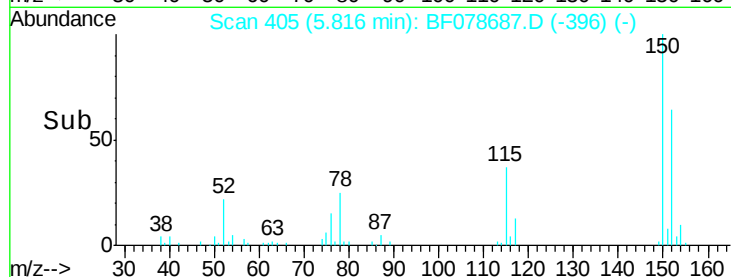
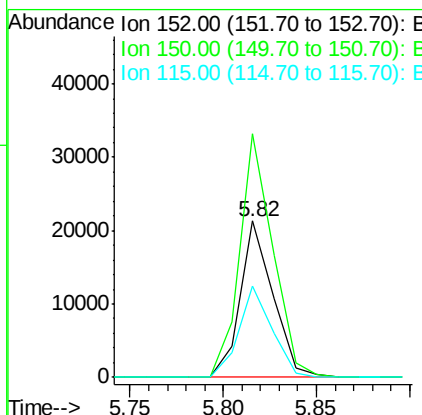
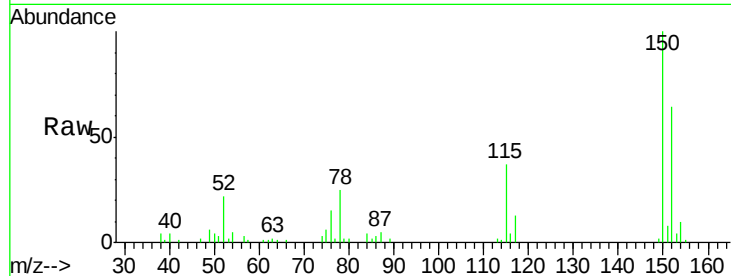




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.82 min Scan# 405
 Delta R.T. -0.00 min
 Lab File: BF078687.D
 Acq: 21 Apr 2015 16:59

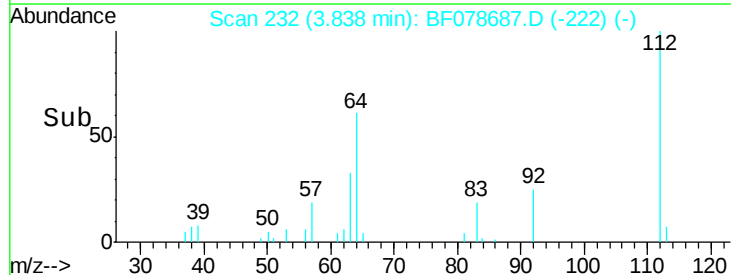
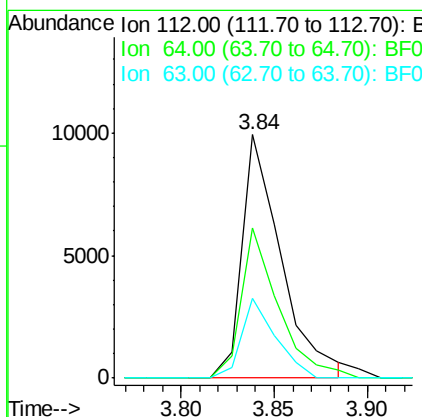
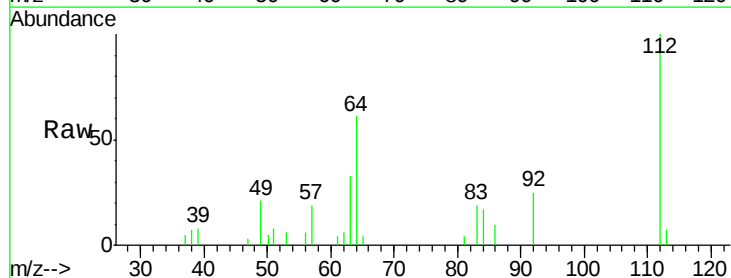
Instrument :
 BNA_F
 ClientSampled :
 SP-A-2RE

Tgt Ion:152 Resp: 25856
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.9 188.9
 115 58.5 52.7 79.1



#5
 2-Fluorophenol
 Concen: 9.28 ng
 RT: 3.84 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: BF078687.D
 Acq: 21 Apr 2015 16:59

Tgt Ion:112 Resp: 14550
 Ion Ratio Lower Upper
 112 100
 64 61.5 39.9 59.9#
 63 32.8 20.2 30.4#





#7

Phenol-d6

Concen: 10.11 ng

RT: 5.32 min Scan# 362

Delta R.T. -0.00 min

Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SP-A-2RE

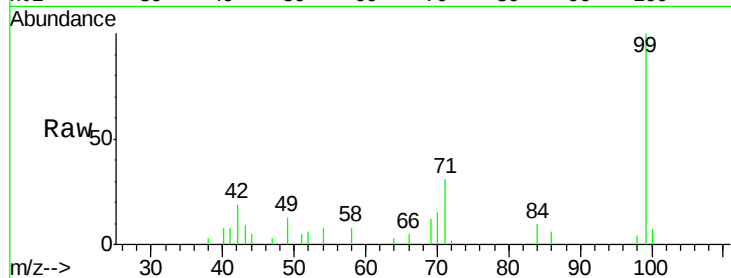
Tgt Ion: 99 Resp: 19876

Ion Ratio Lower Upper

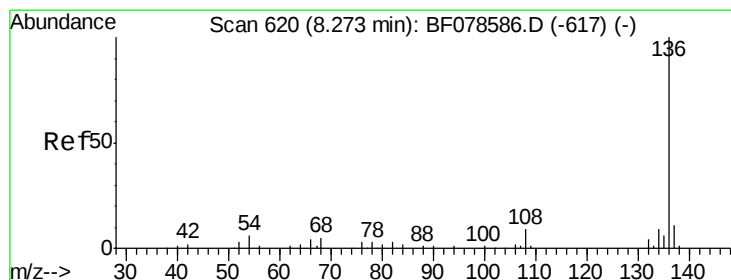
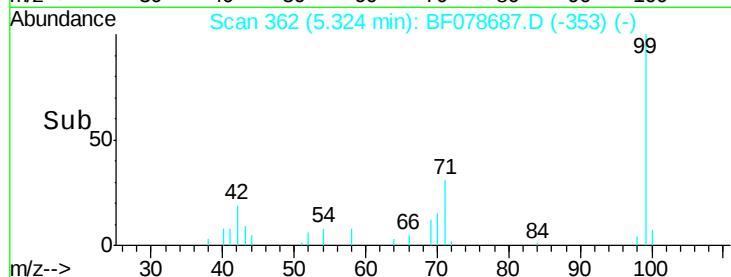
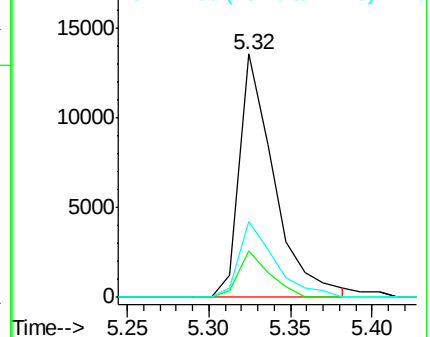
99 100

42 19.2 14.8 22.2

71 31.2 26.6 39.8



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: 7.98 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

Tgt Ion: 136 Resp: 108787

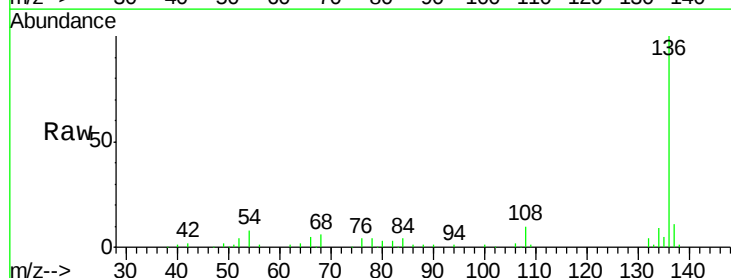
Ion Ratio Lower Upper

136 100

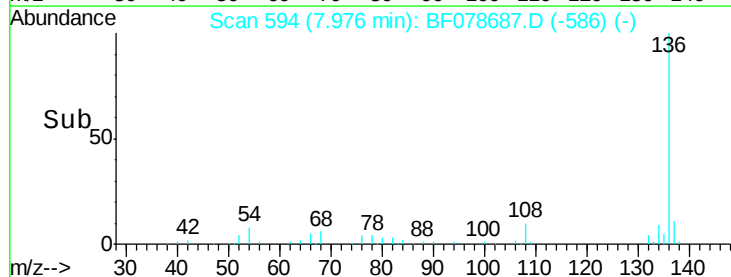
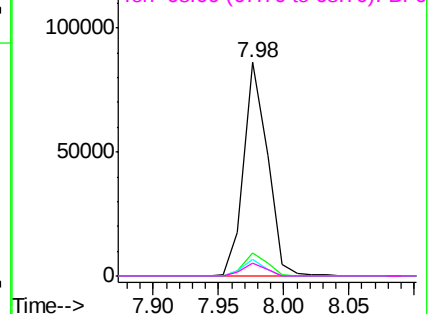
137 11.1 9.0 13.4

54 7.8 7.0 10.6

68 5.9 5.4 8.2



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: 6.38 ng

RT: 6.75 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SP-A-2RE

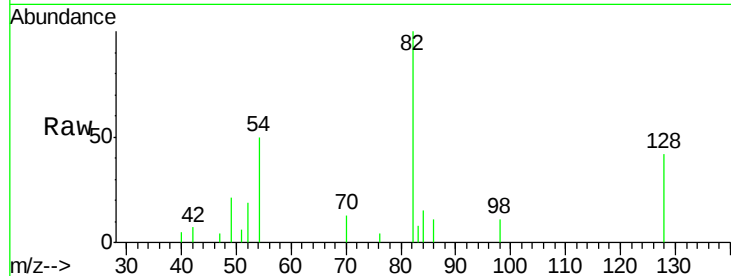
Tgt Ion: 82 Resp: 11443

Ion Ratio Lower Upper

82 100

128 41.6 31.8 47.8

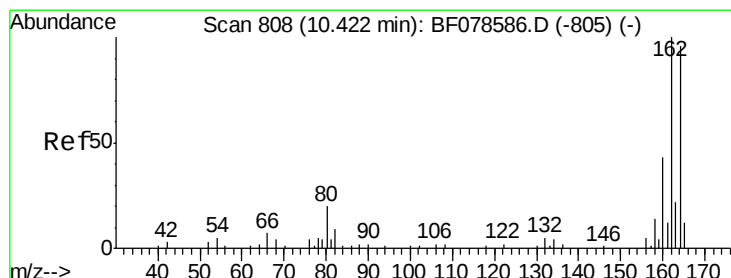
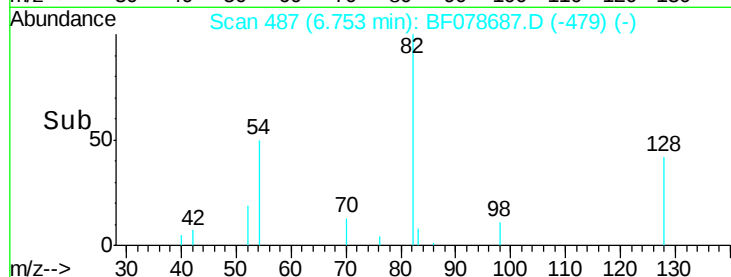
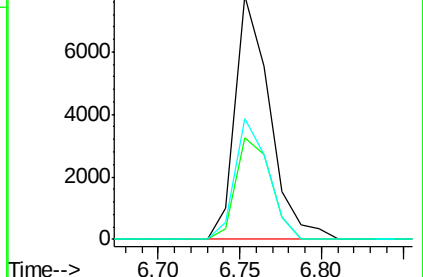
54 49.5 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF078586.D (-540) (-)

Ion 128.00 (127.70 to 128.70): BF078586.D (-540) (-)

Ion 54.00 (53.70 to 54.70): BF078586.D (-540) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

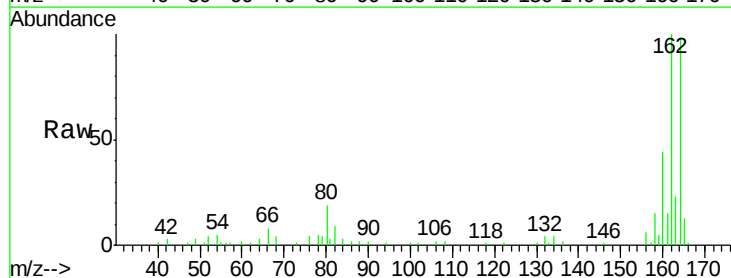
Tgt Ion: 164 Resp: 55424

Ion Ratio Lower Upper

164 100

162 102.1 82.2 123.2

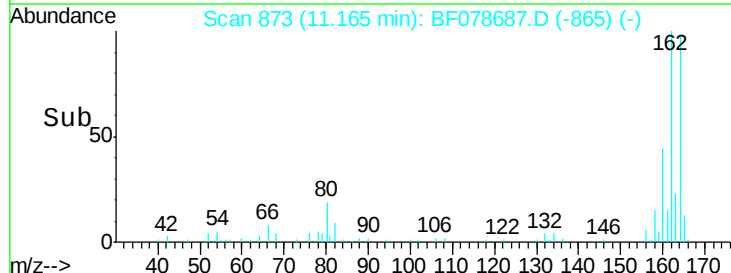
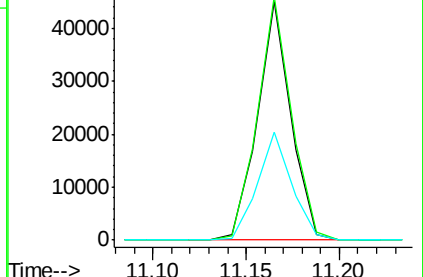
160 45.0 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BF078586.D (-805) (-)

Ion 162.00 (161.70 to 162.70): BF078586.D (-805) (-)

Ion 160.00 (159.70 to 160.70): BF078586.D (-805) (-)

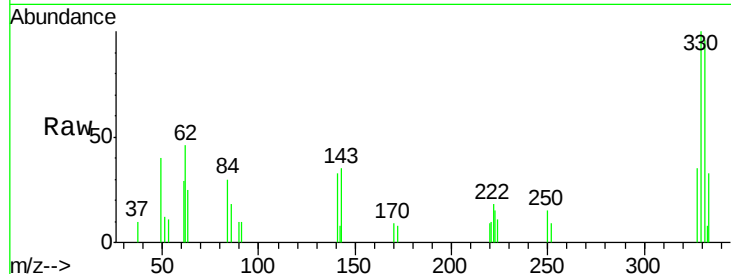




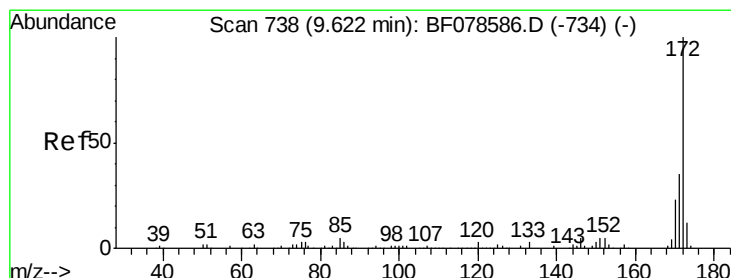
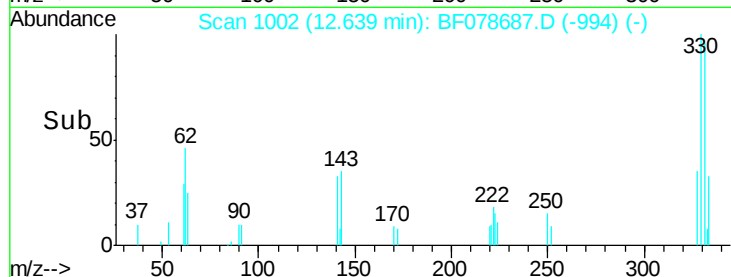
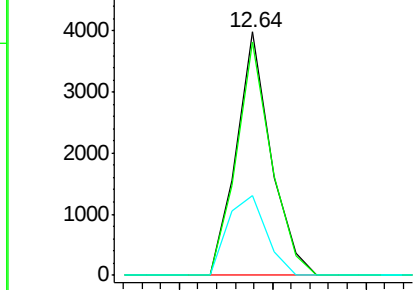
#41
 2,4,6-Tribromophenol
 Concen: 11.16 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF078687.D
 Acq: 21 Apr 2015 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-2RE

Tgt Ion: 330 Resp: 5131
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.6 117.8
 141 36.8 31.2 46.8

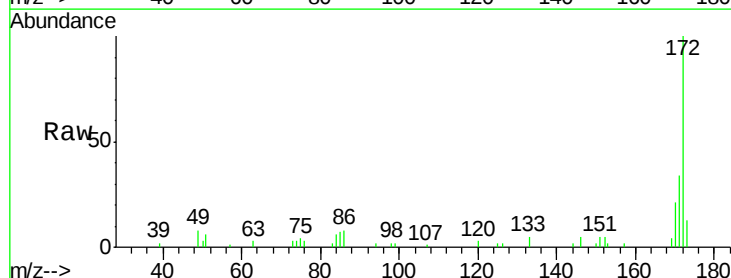


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

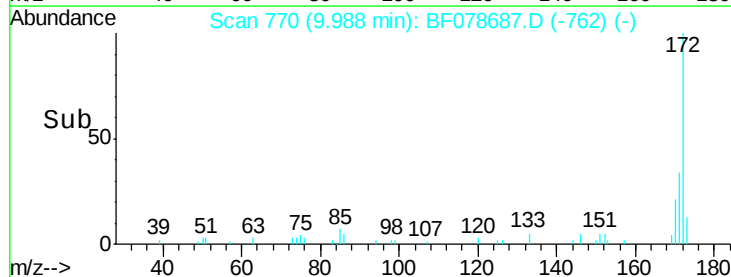
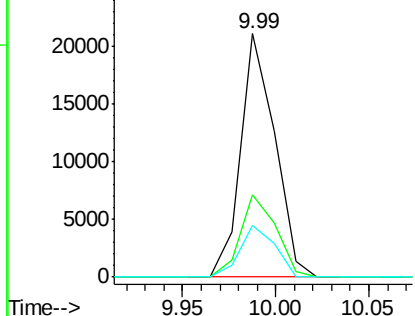


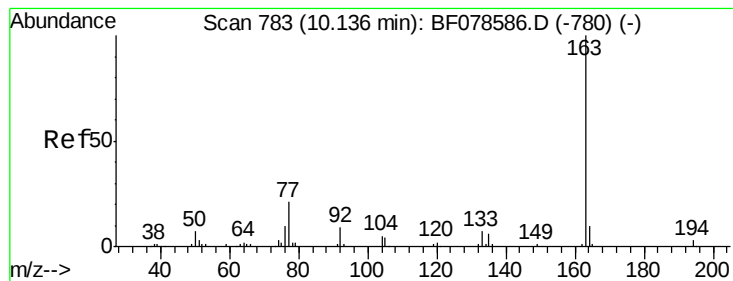
#44
 2-Fluorobiphenyl
 Concen: 6.91 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF078687.D
 Acq: 21 Apr 2015 16:59

Tgt Ion: 172 Resp: 26779
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.6 42.8
 170 21.0 18.5 27.7



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: 2.01 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SP-A-2RE

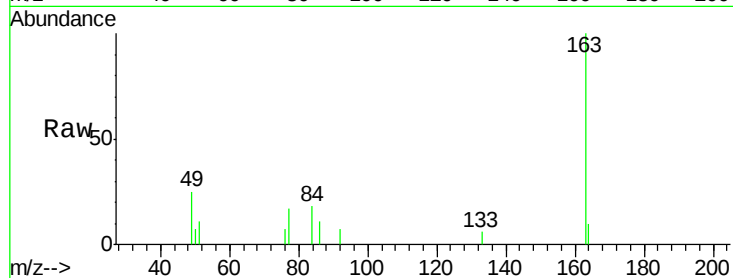
Tgt Ion:163 Resp: 8356

Ion Ratio Lower Upper

163 100

194 0.0 2.3 3.5#

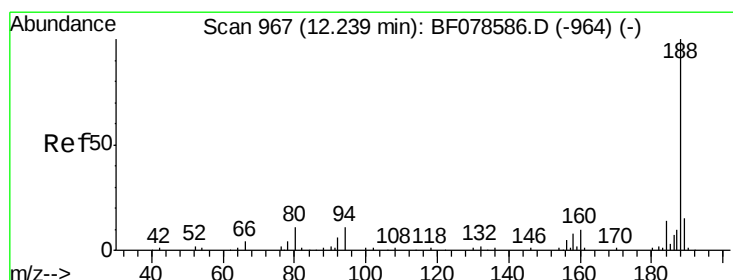
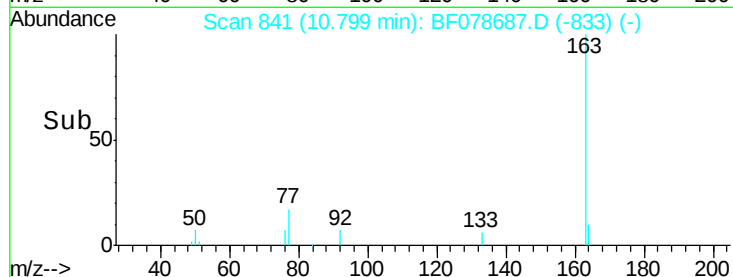
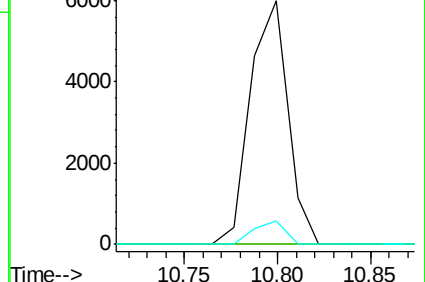
164 9.7 8.6 13.0



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: 13.90 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

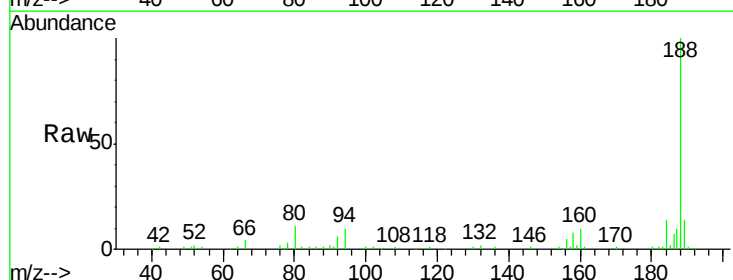
Tgt Ion:188 Resp: 111149

Ion Ratio Lower Upper

188 100

94 10.4 9.0 13.4

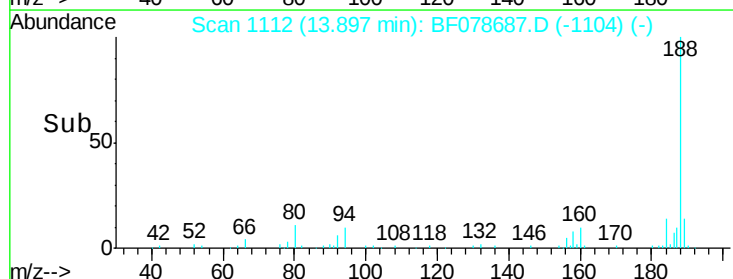
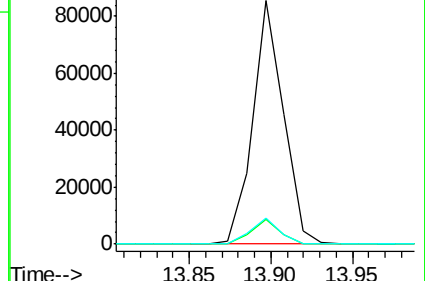
80 10.6 9.5 14.3

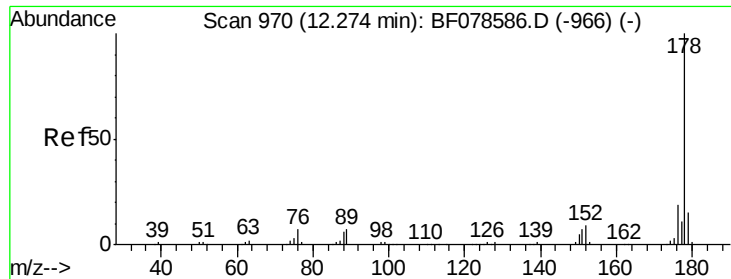


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

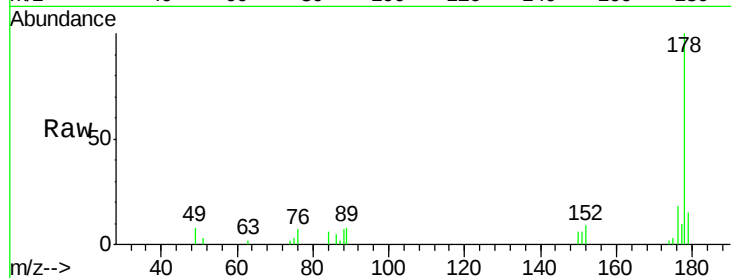




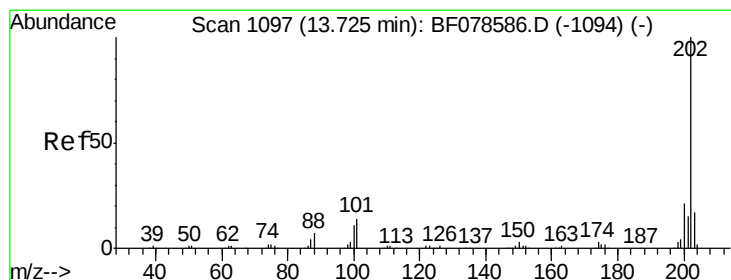
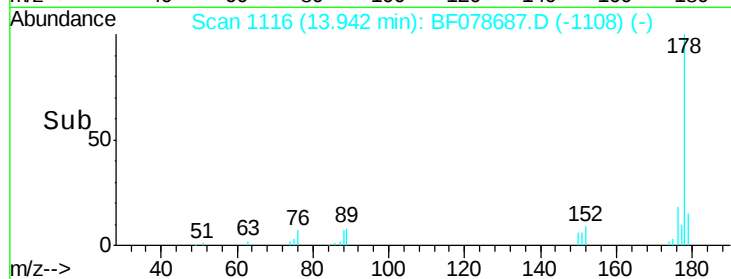
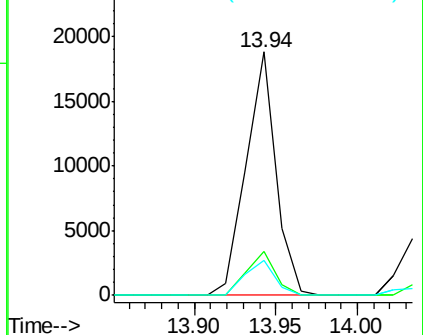
#70
Phenanthrene
Concen: 3.71 ng
RT: 13.94 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF078687.D
Acq: 21 Apr 2015 16:59

Instrument :
BNA_F
ClientSampleId :
SP-A-2RE

Tgt Ion:178 Resp: 23849
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.0
179 14.6 12.2 18.2

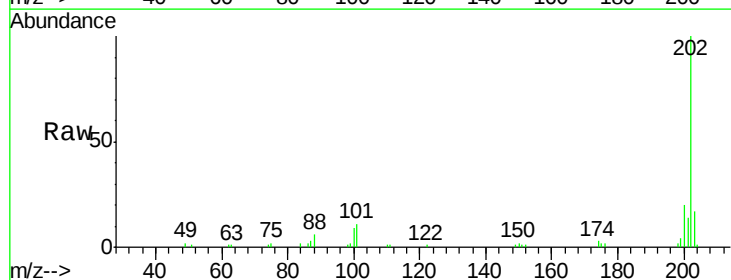


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

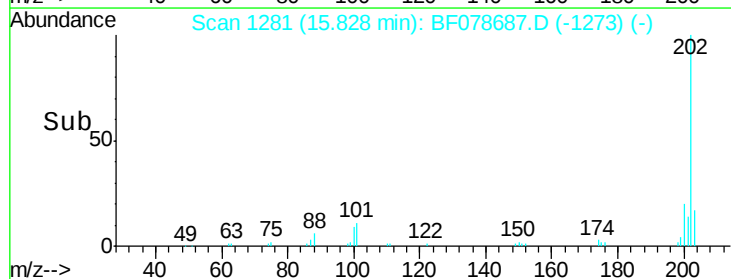
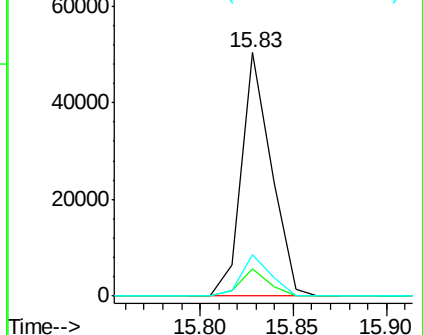


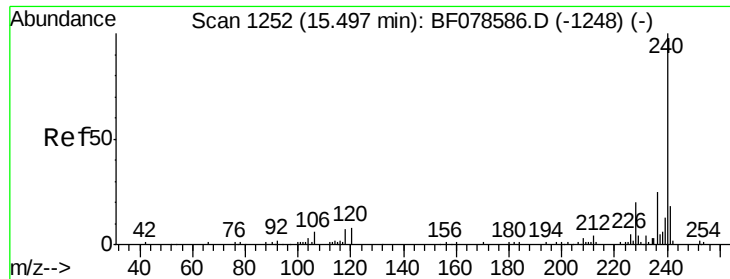
#74
Fluoranthene
Concen: 8.23 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF078687.D
Acq: 21 Apr 2015 16:59

Tgt Ion:202 Resp: 55823
Ion Ratio Lower Upper
202 100
101 11.2 0.0 35.2
203 16.9 0.0 38.5



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

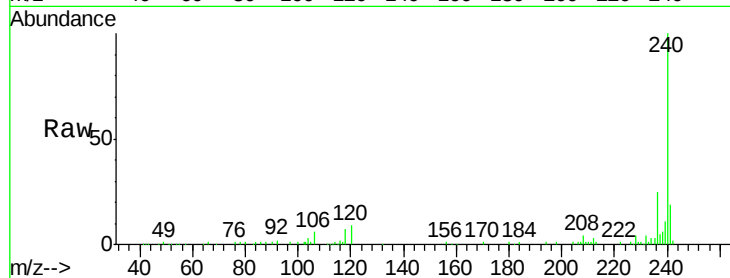




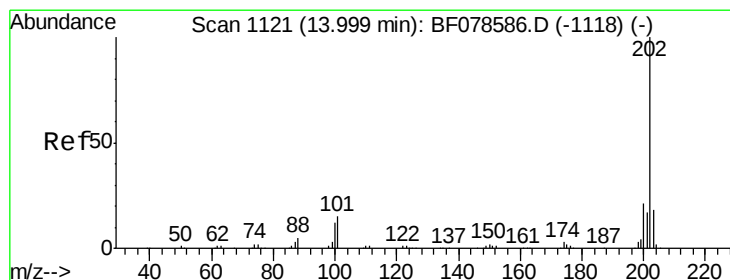
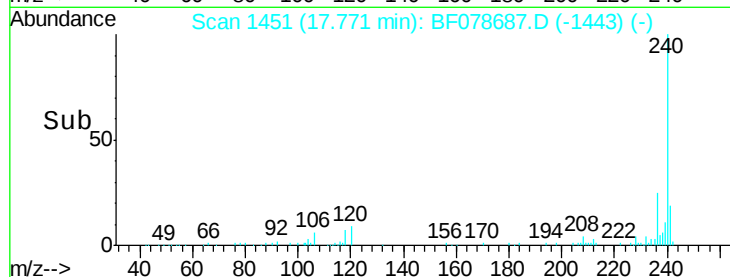
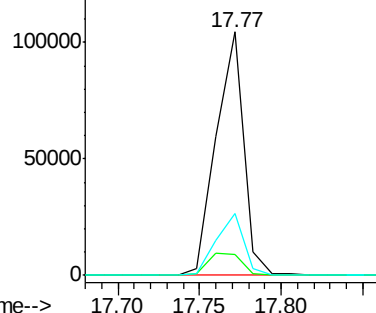
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF078687.D
Acq: 21 Apr 2015 16:59

Instrument :
BNA_F
ClientSampled :
SP-A-2RE

Tgt Ion: 240 Resp: 122555
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 25.2 21.4 32.2

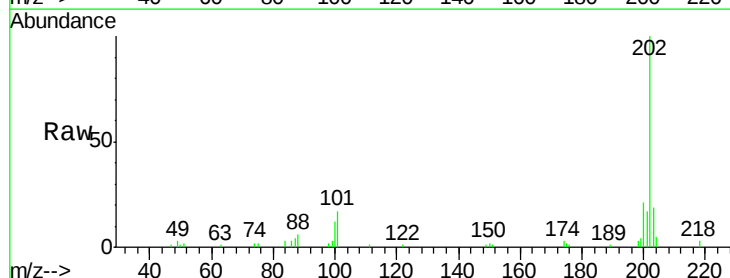


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

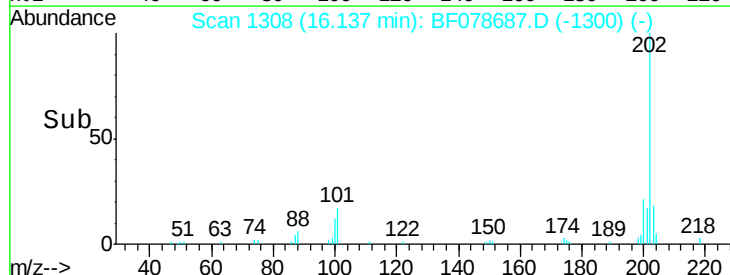
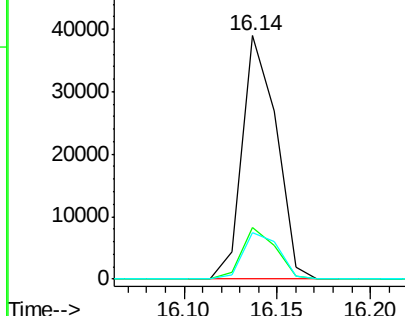


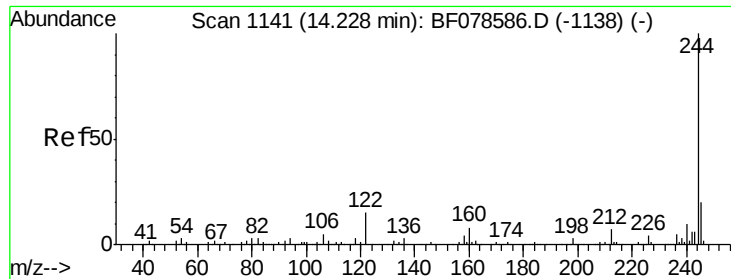
#77
Pyrene
Concen: 6.43 ng
RT: 16.14 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF078687.D
Acq: 21 Apr 2015 16:59

Tgt Ion: 202 Resp: 49461
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 19.3 13.8 20.6



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

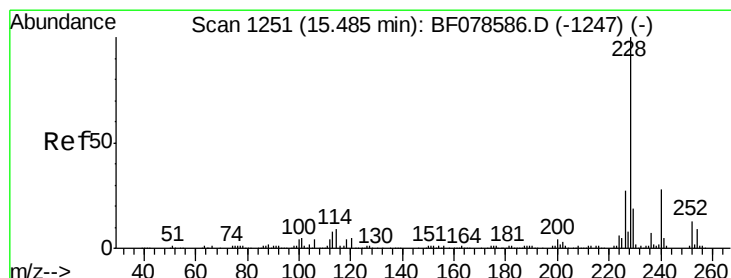
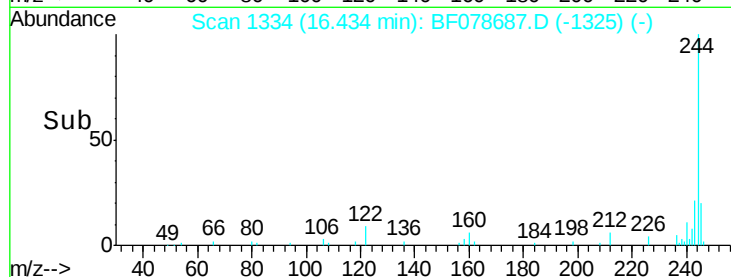
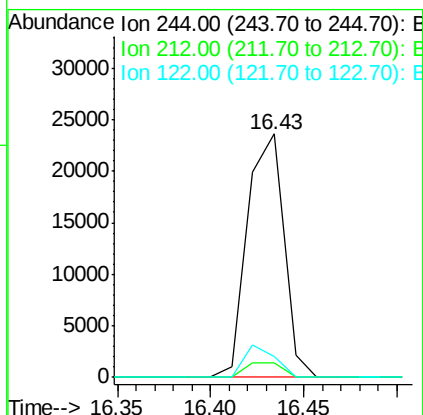
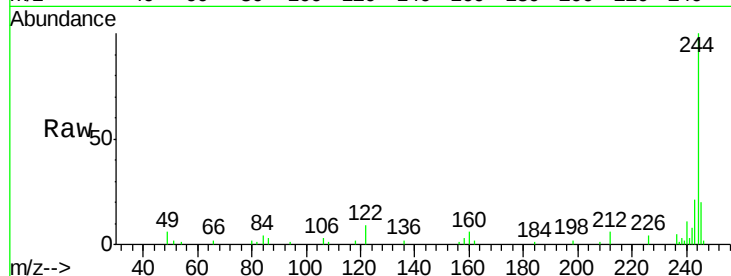




#78
 Terphenyl-d14
 Concen: 5.92 ng
 RT: 16.43 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF078687.D
 Acq: 21 Apr 2015 16:59

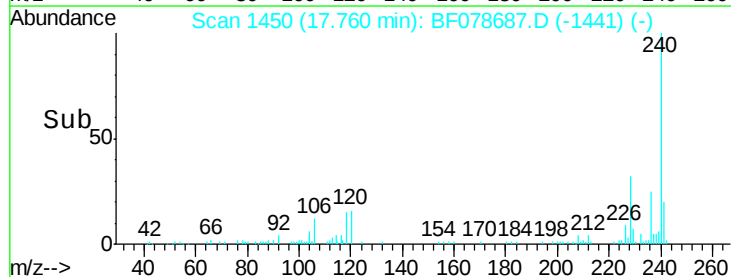
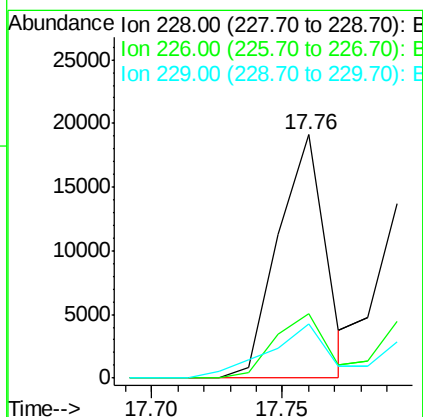
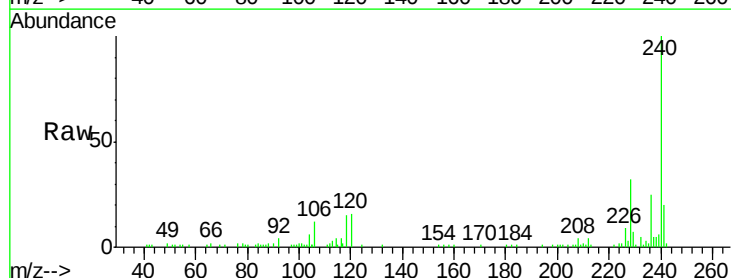
Instrument :
 BNA_F
 ClientSampleId :
 SP-A-2RE

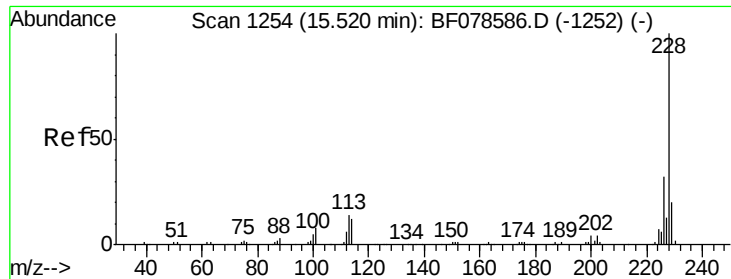
Tgt Ion:244 Resp: 32084
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.0 7.4
 122 8.6 7.1 10.7



#80
 Benzo(a)anthracene
 Concen: 3.29 ng
 RT: 17.76 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF078687.D
 Acq: 21 Apr 2015 16:59

Tgt Ion:228 Resp: 23973
 Ion Ratio Lower Upper
 228 100
 226 26.6 21.3 31.9
 229 22.4 15.4 23.2





#82

Chrysene

Concen: 2.91 ng

RT: 17.81 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SP-A-2RE

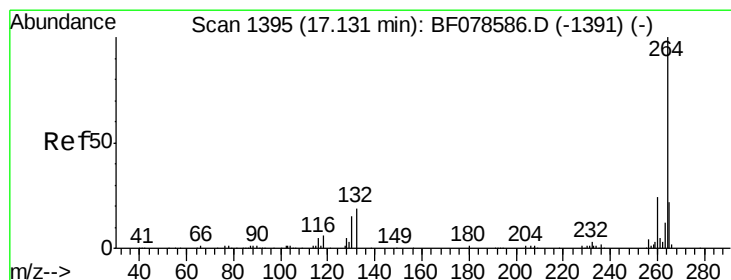
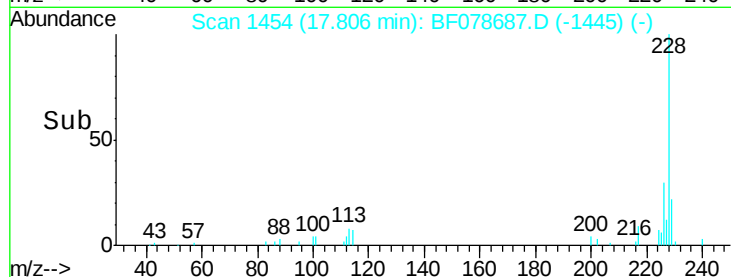
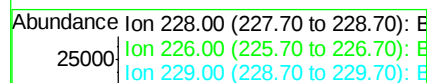
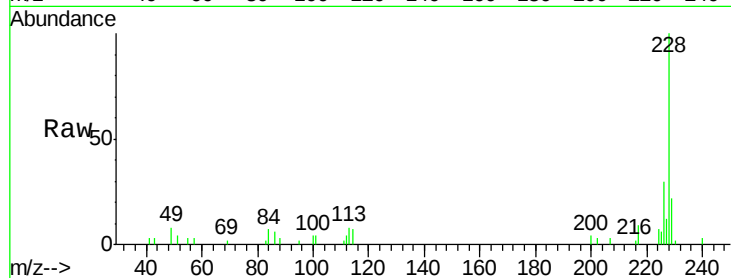
Tgt Ion:228 Resp: 19967

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.4

229 22.4 15.8 23.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 19.49 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

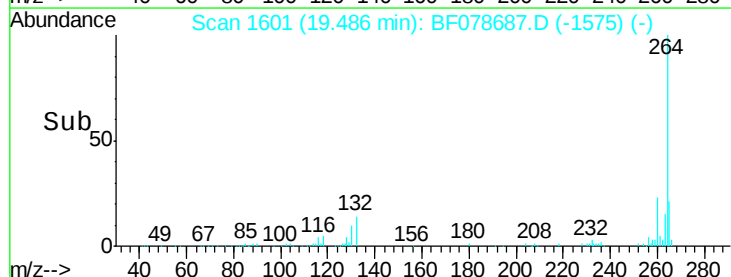
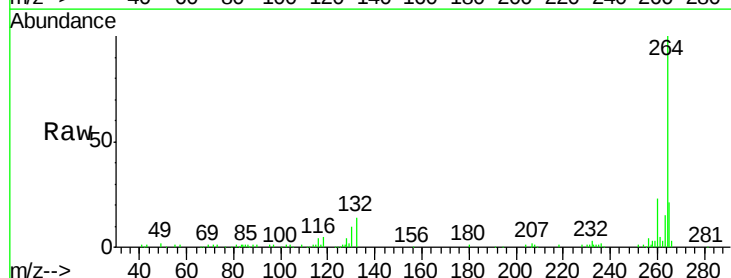
Tgt Ion:264 Resp: 121622

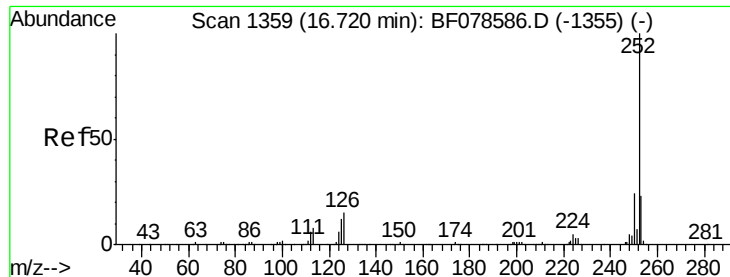
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.3 17.0 25.6

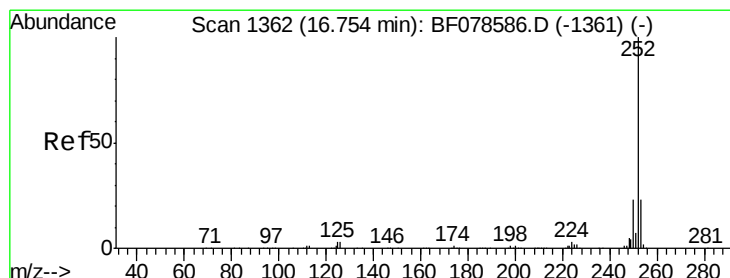
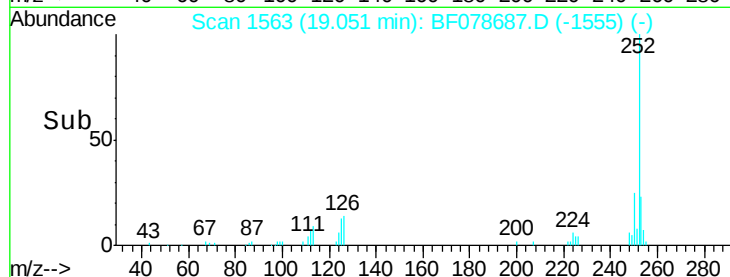
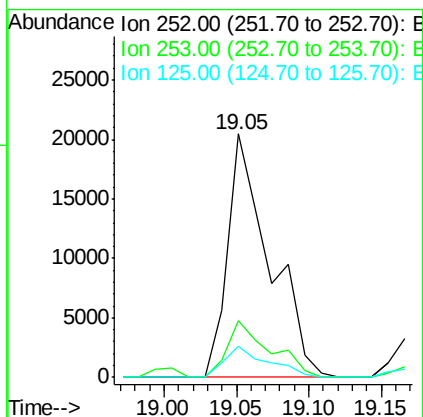
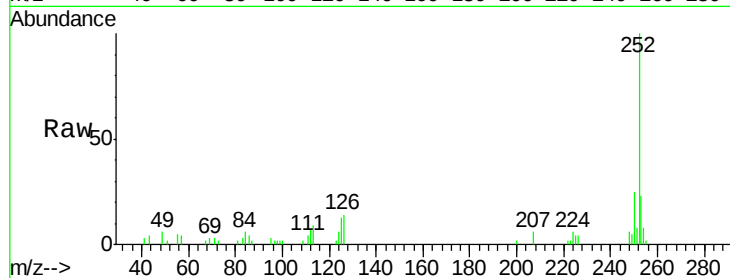




#87
Benzo(b)fluoranthene
Concen: 5.46 ng
RT: 19.05 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF078687.D
Acq: 21 Apr 2015 16:59

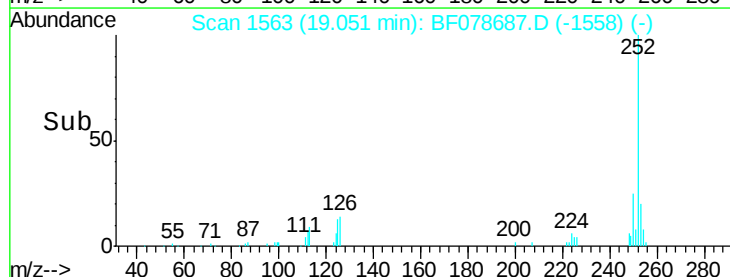
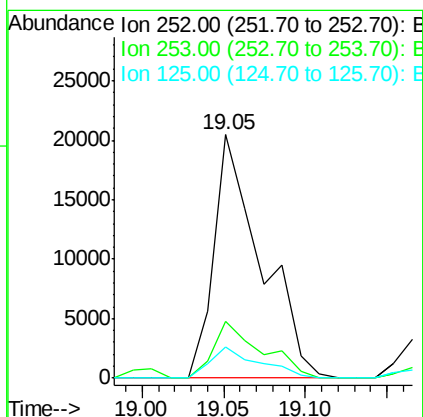
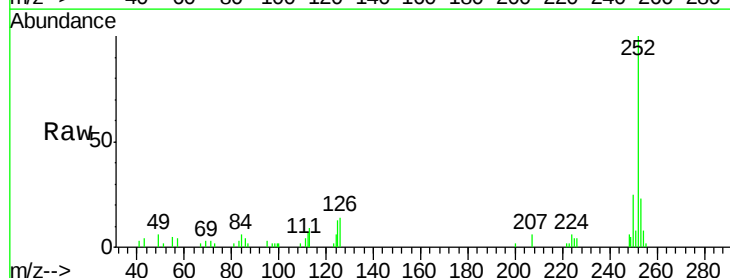
Instrument :
BNA_F
ClientSampleId :
SP-A-2RE

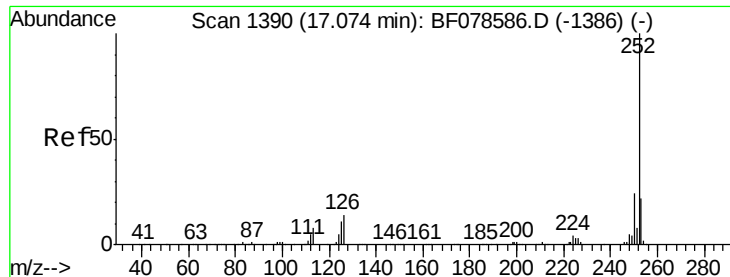
Tgt Ion:252 Resp: 41078
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 12.6 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 6.15 ng
RT: 19.05 min Scan# 1563
Delta R.T. -0.05 min
Lab File: BF078687.D
Acq: 21 Apr 2015 16:59

Tgt Ion:252 Resp: 41084
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 12.6 11.6 17.4





#89

Benzo(a)pyrene

Concen: 3.31 ng

RT: 19.42 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

Instrument :

BNA_F

ClientSampleId :

SP-A-2RE

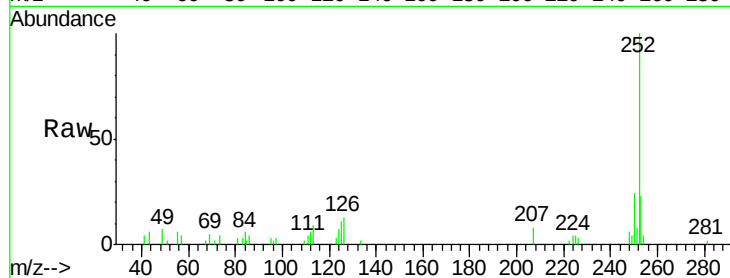
Tgt Ion:252 Resp: 21717

Ion Ratio Lower Upper

252 100

253 22.7 16.8 25.2

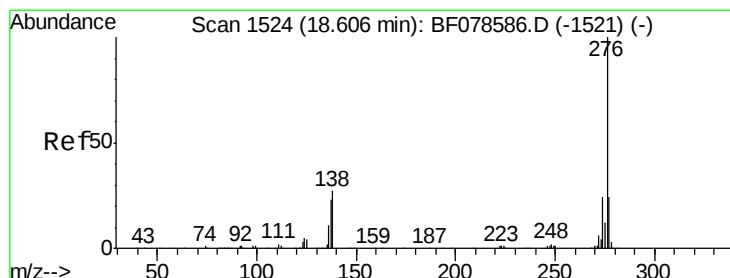
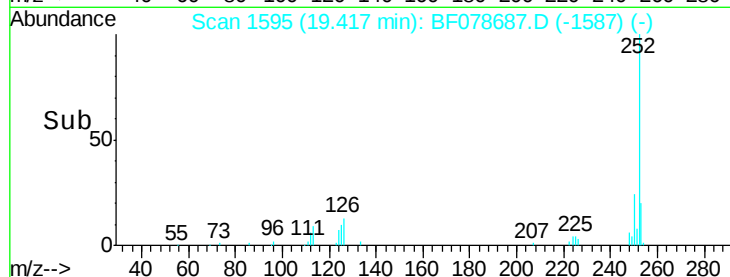
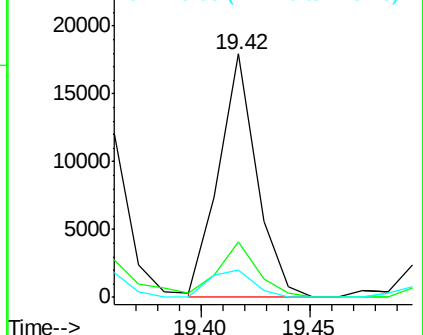
125 11.5 7.4 11.0#



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



#91

Benzo(g,h,i)perylene

Concen: 2.14 ng

RT: 20.97 min Scan# 1731

Delta R.T. -0.01 min

Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

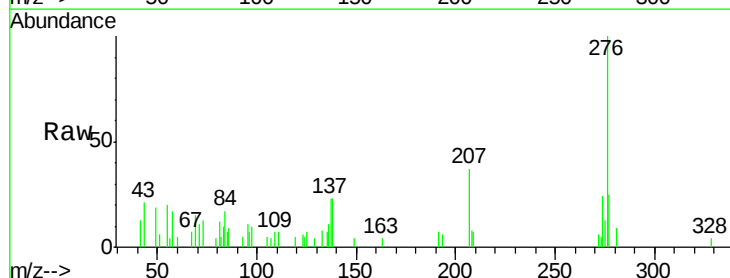
Tgt Ion:276 Resp: 14063

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.4

138 23.3 19.9 29.9



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

