

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
 Data File : BF078693.D
 Acq On : 21 Apr 2015 20:05
 Operator : TP/IZ
 Sample : G1938-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-66S

Quant Time: Apr 22 02:26:56 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

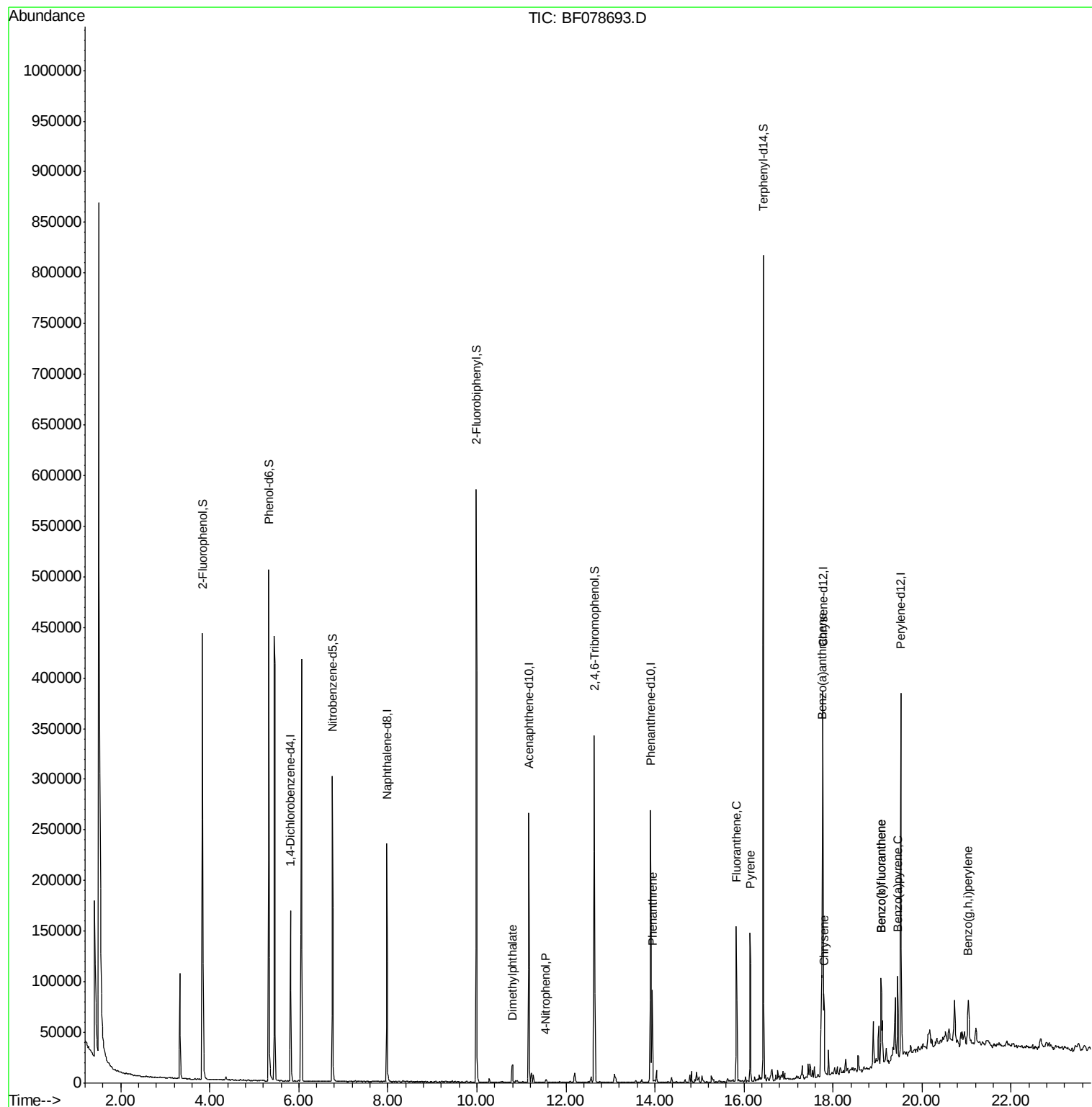
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	35693	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	148865	20.00	ng	-0.01
38) Acenaphthene-d10	11.17	164	76190	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	152888	20.00	ng	-0.01
75) Chrysene-d12	17.77	240	161839	20.00	ng	-0.01
86) Perylene-d12	19.52	264	159287	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	178340	82.38	ng	0.01
7) Phenol-d6	5.32	99	232131	85.56	ng	0.00
23) Nitrobenzene-d5	6.75	82	135919	55.34	ng	-0.01
41) 2,4,6-Tribromophenol	12.64	330	57989	91.77	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	285043	53.48	ng	-0.01
78) Terphenyl-d14	16.43	244	330242	46.11	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.80	163	13871	2.42	ng	# 98
55) 4-Nitrophenol	11.55	139	693	3.44	ng	# 18
70) Phenanthrene	13.94	178	52314	5.92	ng	97
74) Fluoranthene	15.83	202	83399	8.94	ng	97
77) Pyrene	16.14	202	79383	7.81	ng	96
80) Benzo(a)anthracene	17.76	228	48466	5.03	ng	99
82) Chrysene	17.81	228	35981	3.98	ng	98
87) Benzo(b)fluoranthene	19.07	252	71486	7.26	ng	# 94
88) Benzo(k)fluoranthene	19.07	252	69273	7.92	ng	99
89) Benzo(a)pyrene	19.45	252	39236	4.57	ng	# 92
91) Benzo(g,h,i)perylene	21.04	276	26250	3.04	ng	97

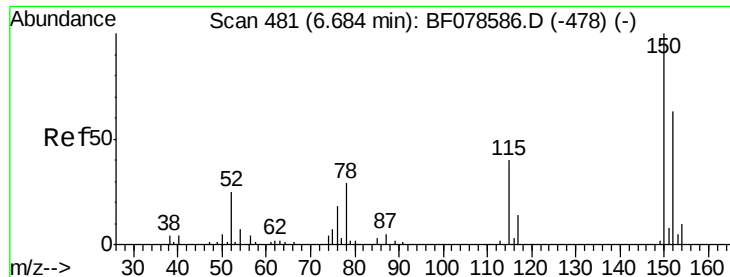
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
Data File : BF078693.D
Acq On : 21 Apr 2015 20:05
Operator : TP/IZ
Sample : G1938-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-66S

Quant Time: Apr 22 02:26:56 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

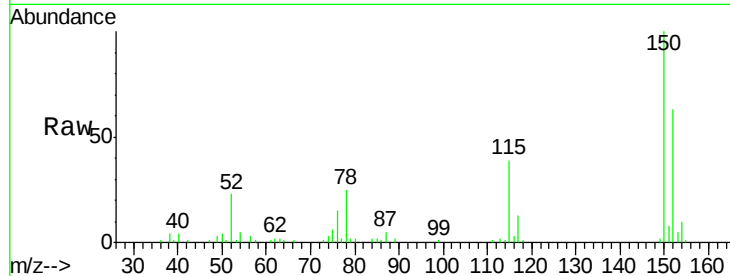




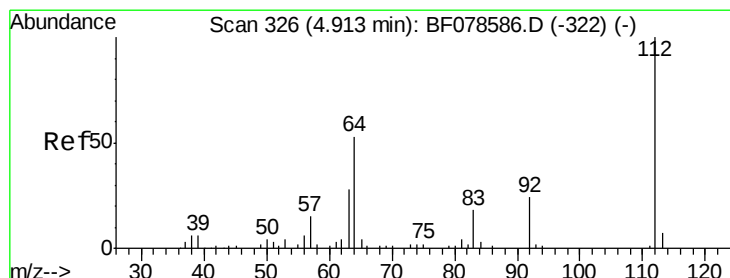
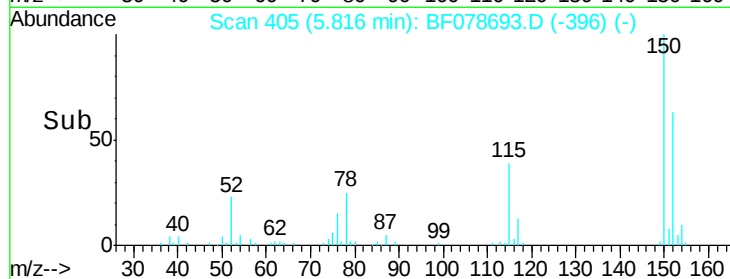
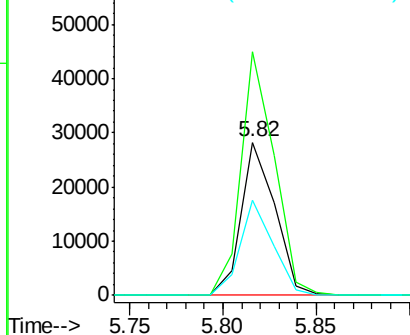
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.82 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF078693.D
 Acq: 21 Apr 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-66S

Tgt Ion:152 Resp: 35693
 Ion Ratio Lower Upper
 152 100
 150 158.9 125.9 188.9
 115 62.3 52.7 79.1

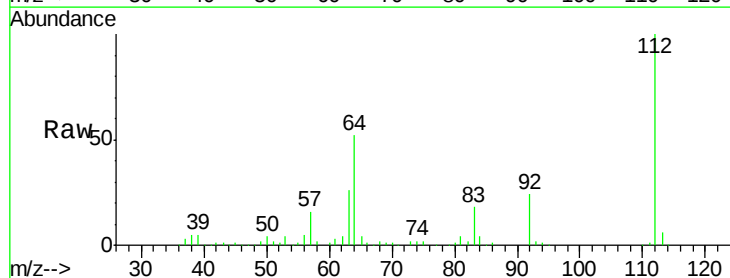


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

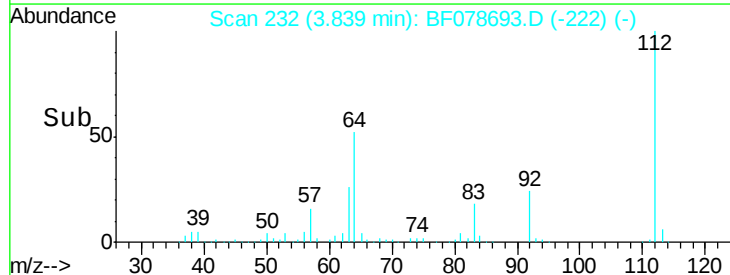
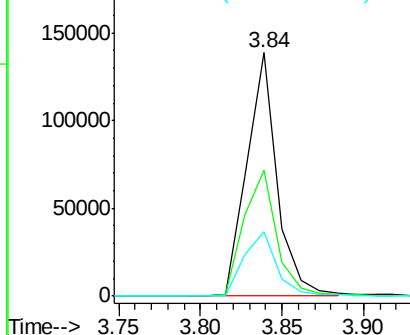


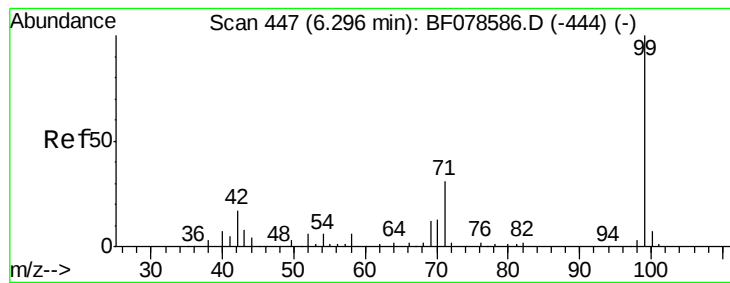
#5
 2-Fluorophenol
 Concen: 82.38 ng
 RT: 3.84 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: BF078693.D
 Acq: 21 Apr 2015 20:05

Tgt Ion:112 Resp: 178340
 Ion Ratio Lower Upper
 112 100
 64 51.9 39.9 59.9
 63 26.4 20.2 30.4



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: 85.56 ng

RT: 5.32 min Scan# 362

Delta R.T. 0.00 min

Lab File: BF078693.D

Acq: 21 Apr 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SB-66S

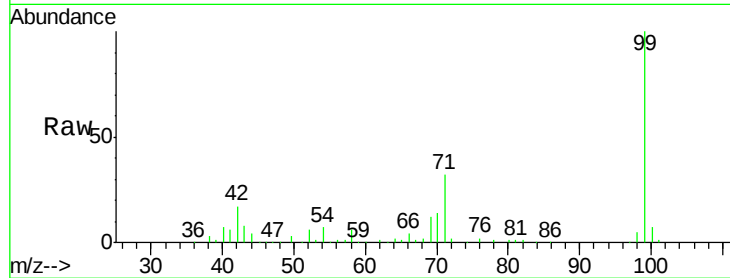
Tgt Ion: 99 Resp: 232131

Ion Ratio Lower Upper

99 100

42 16.8 14.8 22.2

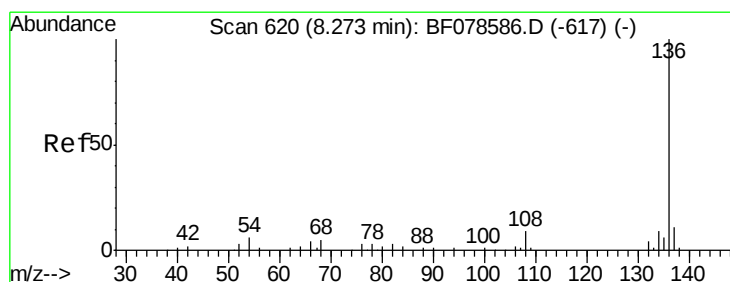
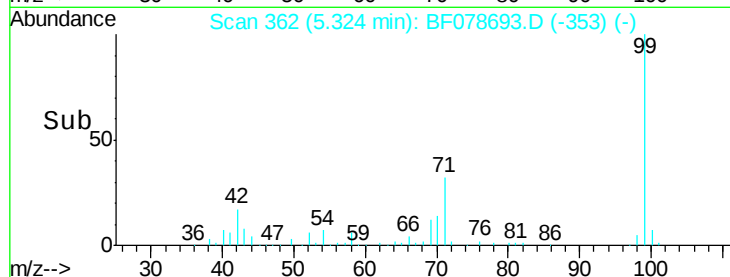
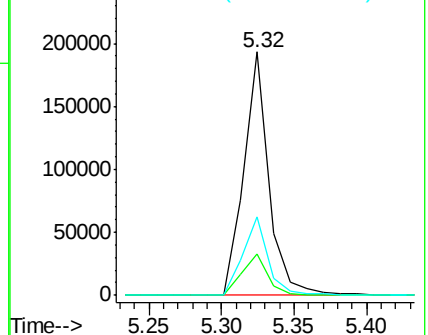
71 32.4 26.6 39.8



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: BF078693.D

Acq: 21 Apr 2015 20:05

Tgt Ion: 136 Resp: 148865

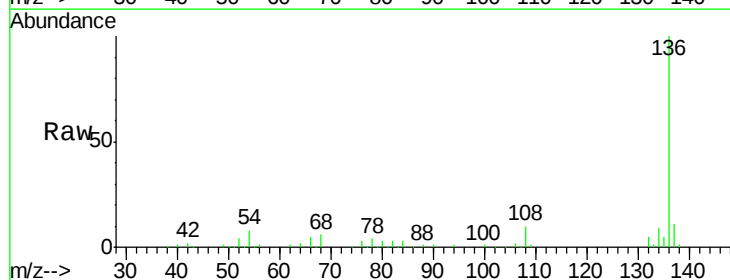
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 7.7 7.0 10.6

68 5.9 5.4 8.2

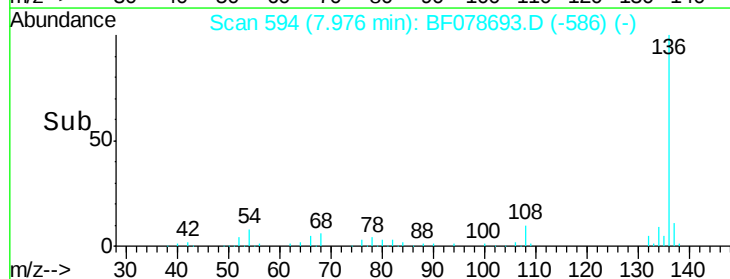
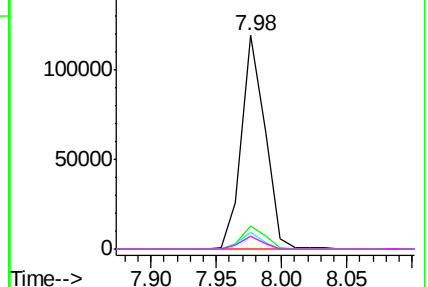


Abundance Ion 136.00 (135.70 to 136.70): E

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

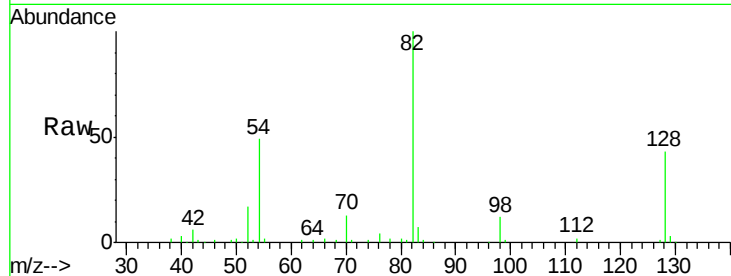




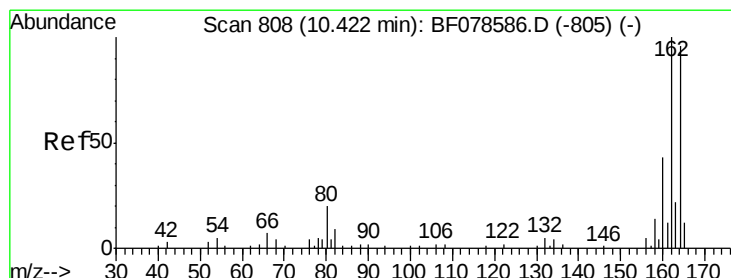
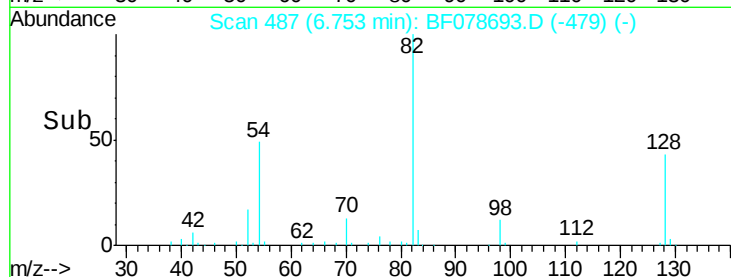
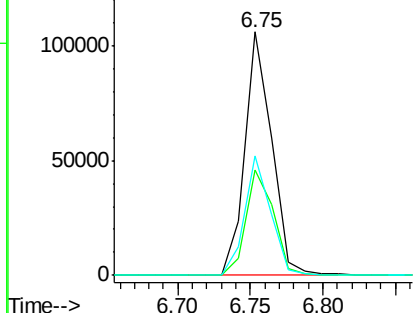
#23
 Nitrobenzene-d5
 Concen: 55.34 ng
 RT: 6.75 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF078693.D
 Acq: 21 Apr 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-66S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.8	47.8
54	49.2	41.5	62.3

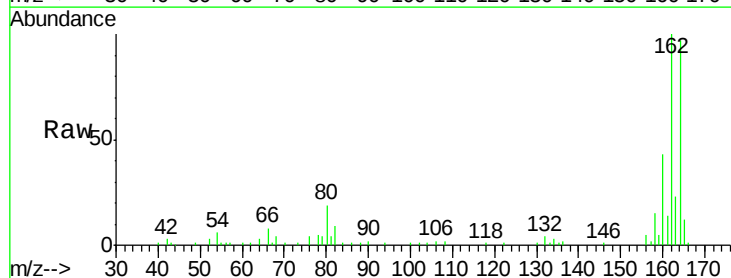


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

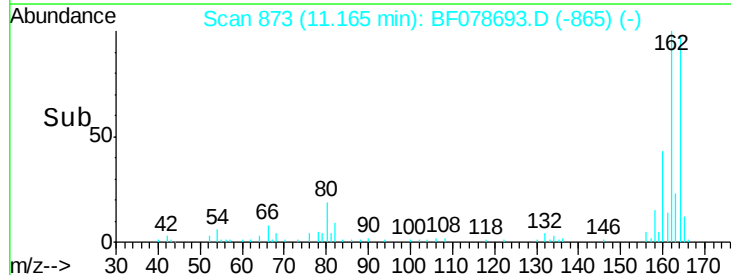
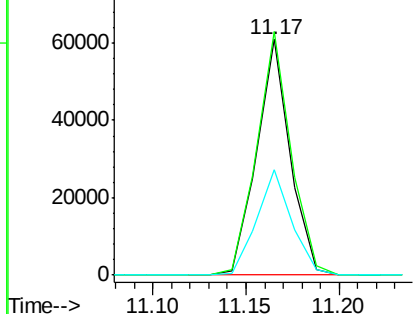


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF078693.D
 Acq: 21 Apr 2015 20:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.2
160	44.5	34.7	52.1



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

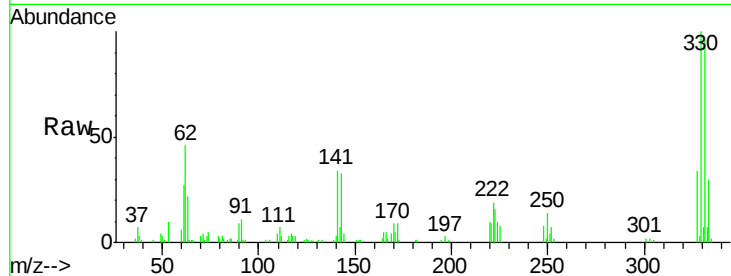




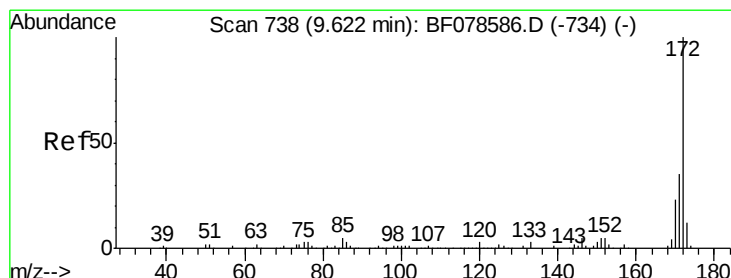
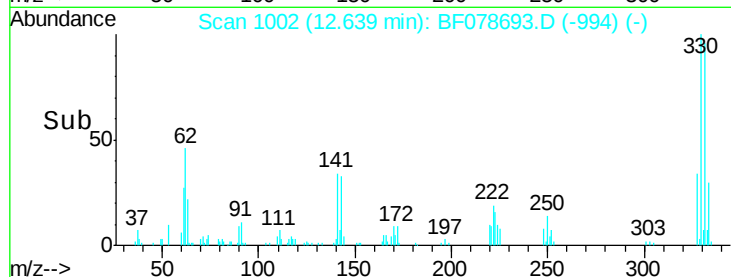
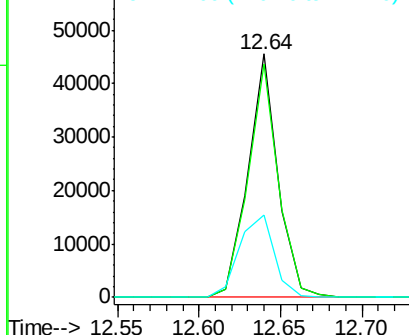
#41
 2,4,6-Tribromophenol
 Concen: 91.77 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF078693.D
 Acq: 21 Apr 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-66S

Tgt Ion: 330 Resp: 57989
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.6 117.8
 141 39.2 31.2 46.8

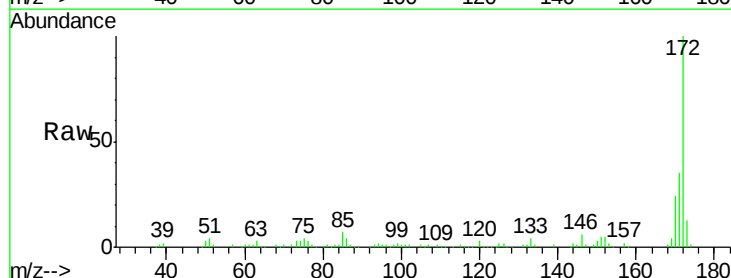


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

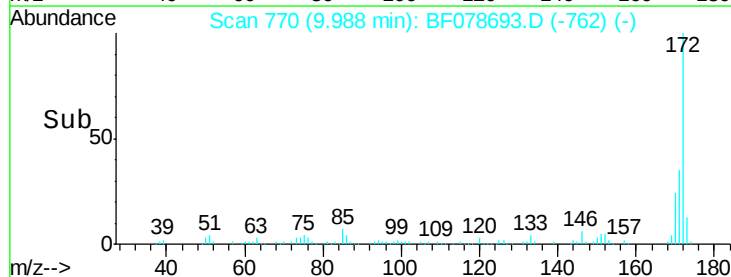
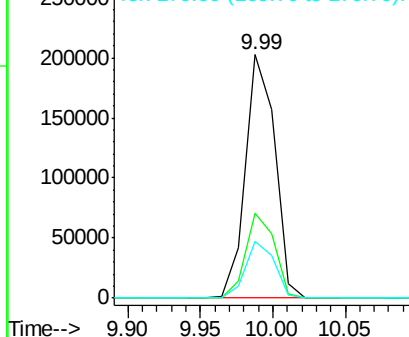


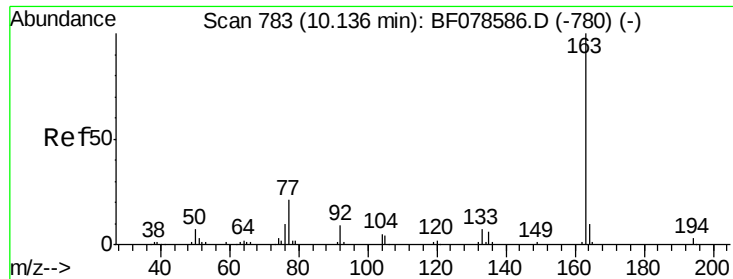
#44
 2-Fluorobiphenyl
 Concen: 53.48 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF078693.D
 Acq: 21 Apr 2015 20:05

Tgt Ion: 172 Resp: 285043
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 42.8
 170 23.5 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

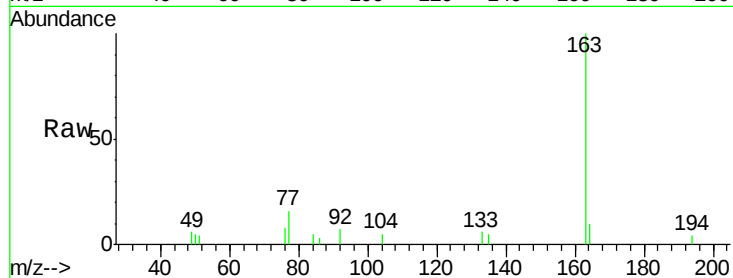




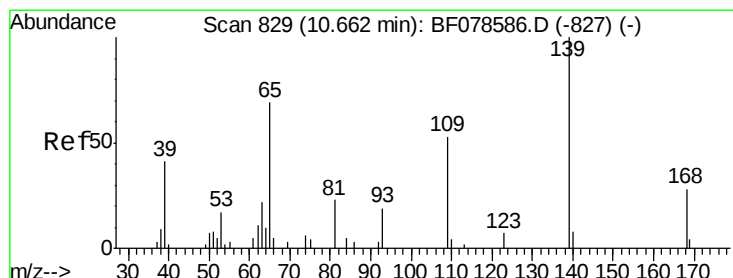
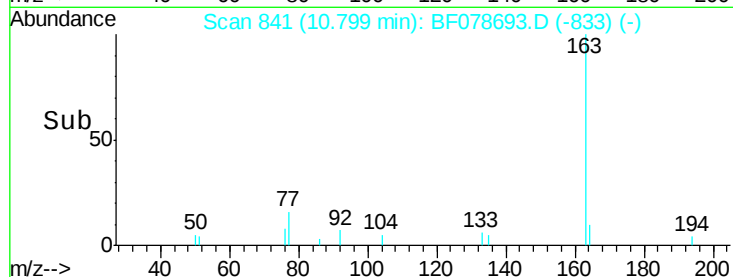
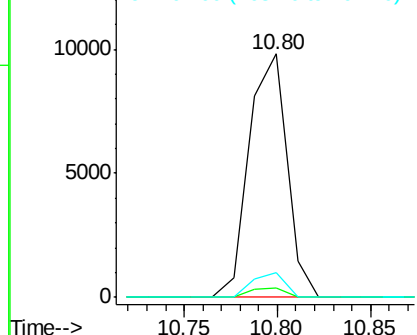
#49
Dimethylphthalate
Concen: 2.42 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Instrument :
BNA_F
ClientSampled :
SB-66S

Tgt Ion:163 Resp: 13871
Ion Ratio Lower Upper
163 100
194 3.7 2.3 3.5#
164 10.1 8.6 13.0

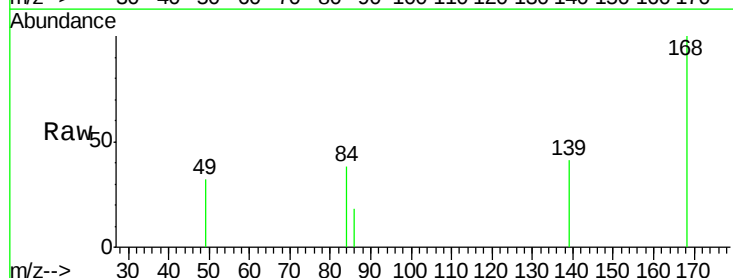


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

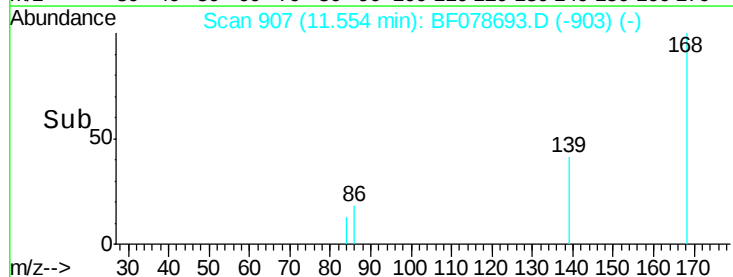
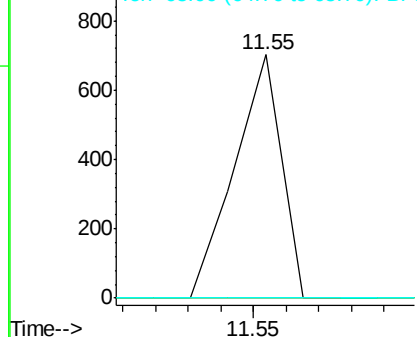


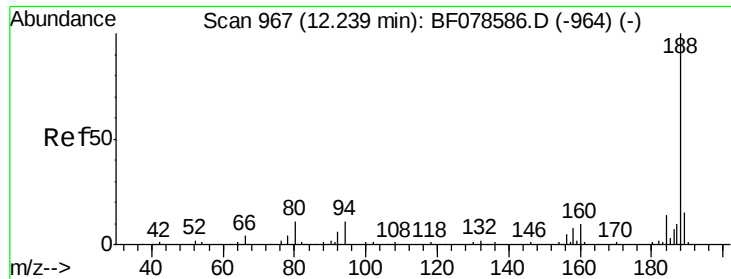
#55
4-Nitrophenol
Concen: 3.44 ng
RT: 11.55 min Scan# 907
Delta R.T. -0.06 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Tgt Ion:139 Resp: 693
Ion Ratio Lower Upper
139 100
109 0.0 36.7 76.7#
65 0.0 49.9 89.9#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

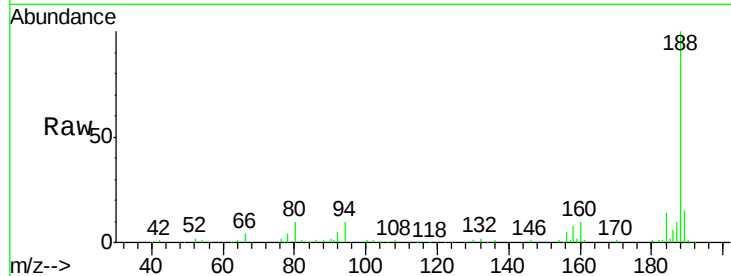




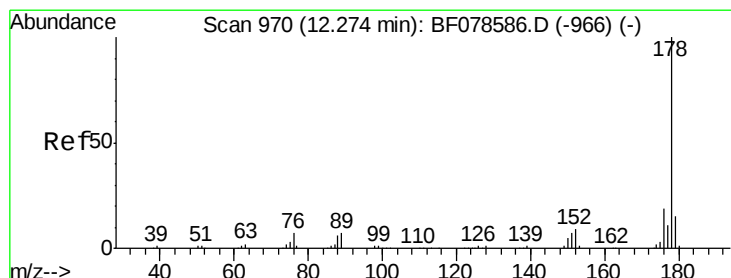
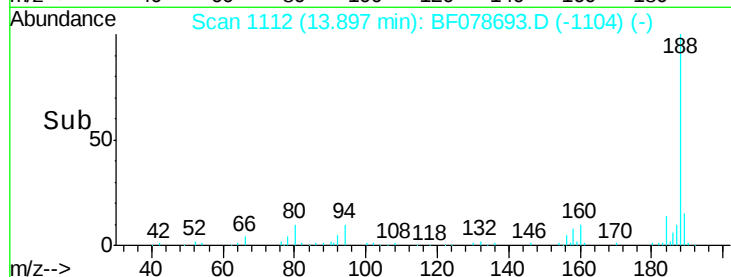
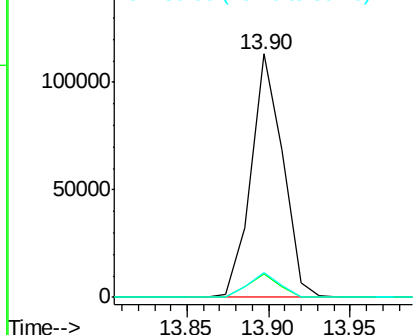
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Instrument :
BNA_F
ClientSampleId :
SB-66S

Tgt Ion:188 Resp: 152888
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.4
80 10.1 9.5 14.3

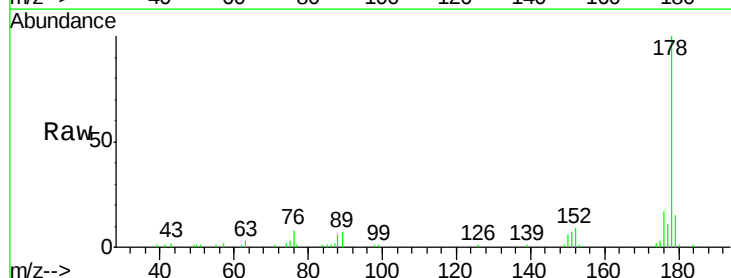


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

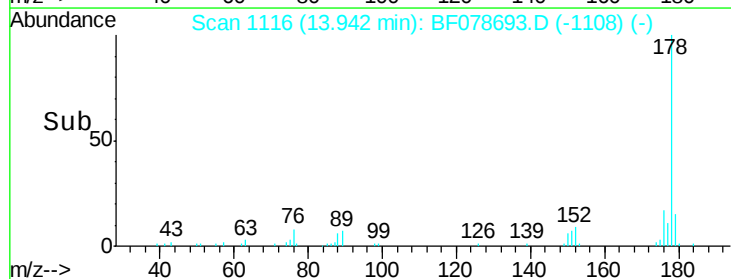
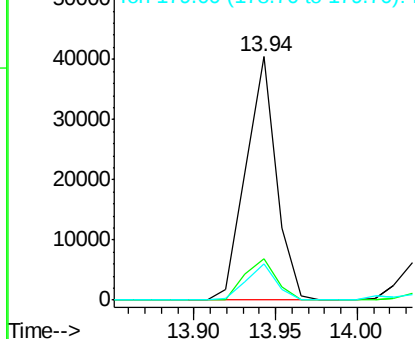


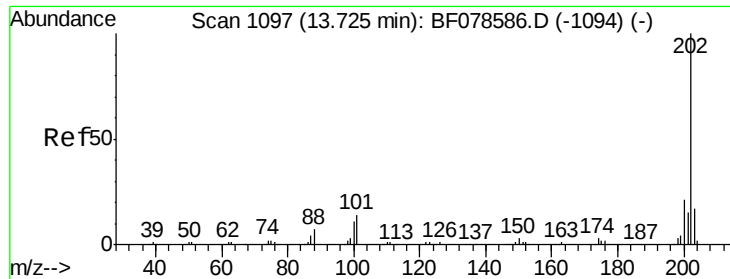
#70
Phenanthrene
Concen: 5.92 ng
RT: 13.94 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Tgt Ion:178 Resp: 52314
Ion Ratio Lower Upper
178 100
176 17.2 15.4 23.0
179 15.0 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: 8.94 ng

RT: 15.83 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF078693.D

Acq: 21 Apr 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SB-66S

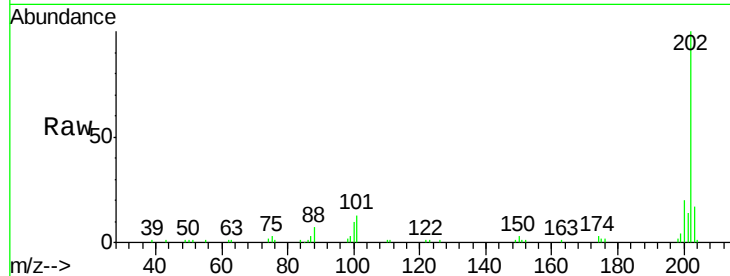
Tgt Ion: 202 Resp: 83399

Ion Ratio Lower Upper

202 100

101 13.4 0.0 35.2

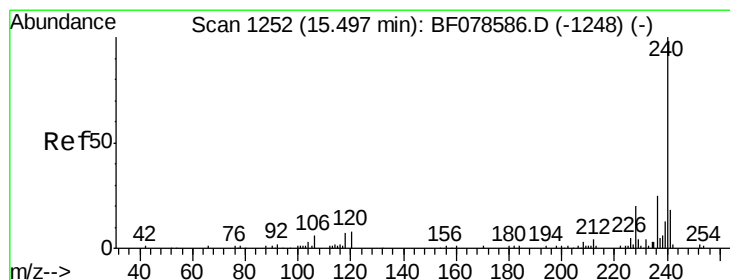
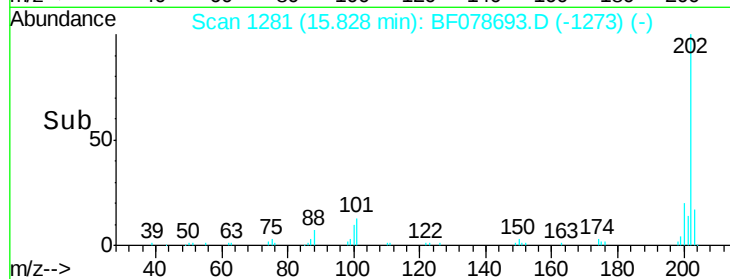
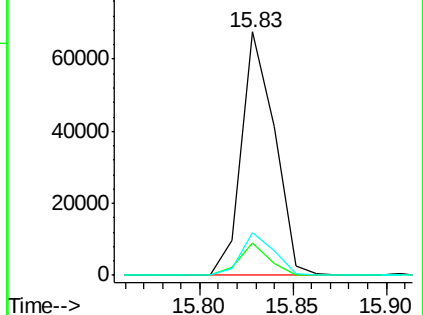
203 17.4 0.0 38.5



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: BF078693.D

Acq: 21 Apr 2015 20:05

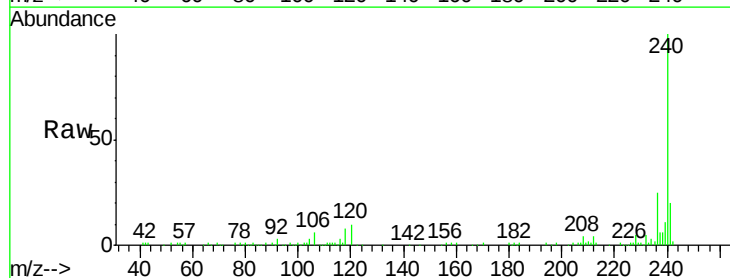
Tgt Ion: 240 Resp: 161839

Ion Ratio Lower Upper

240 100

120 9.9 7.1 10.7

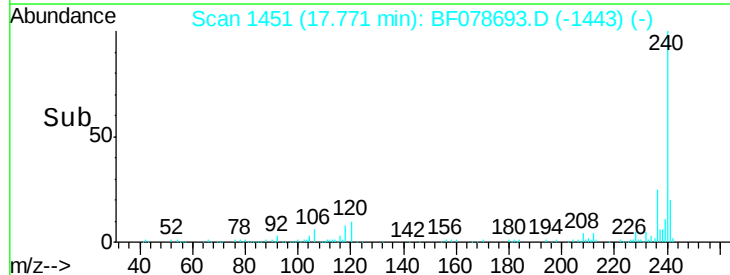
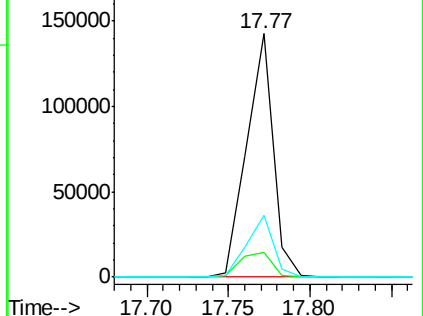
236 25.4 21.4 32.2

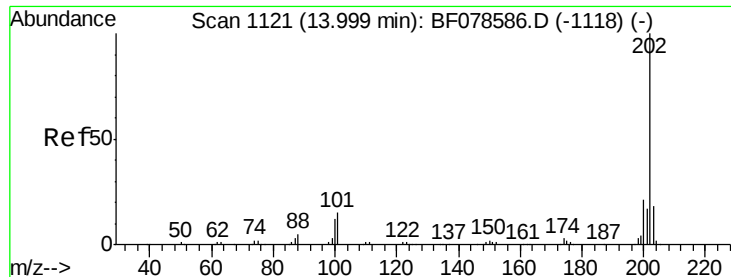


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

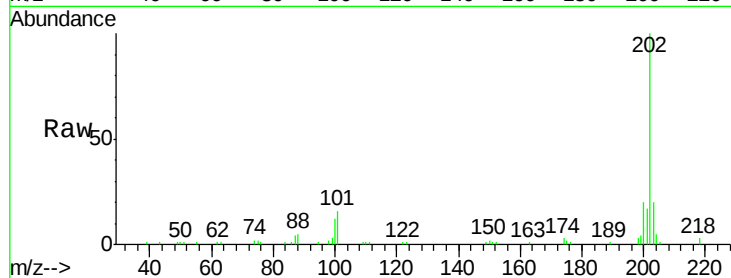




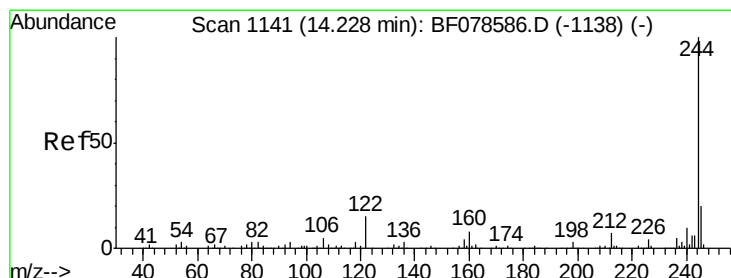
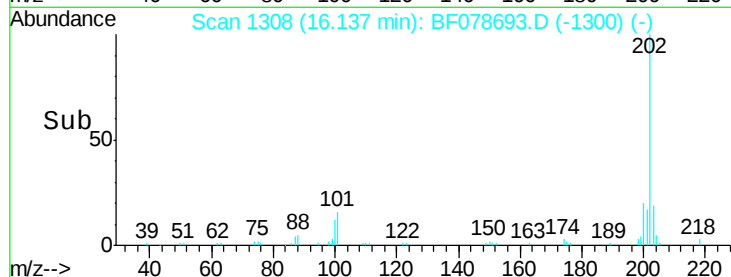
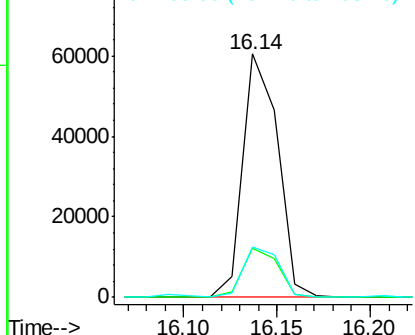
#77
 Pyrene
 Concen: 7.81 ng
 RT: 16.14 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF078693.D
 Acq: 21 Apr 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-66S

Tgt Ion: 202 Resp: 79383
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.3 24.5
 203 20.4 13.8 20.6

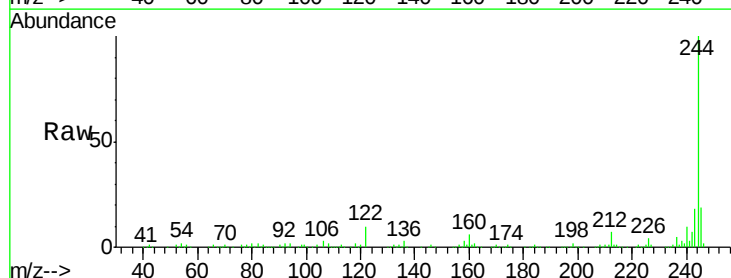


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

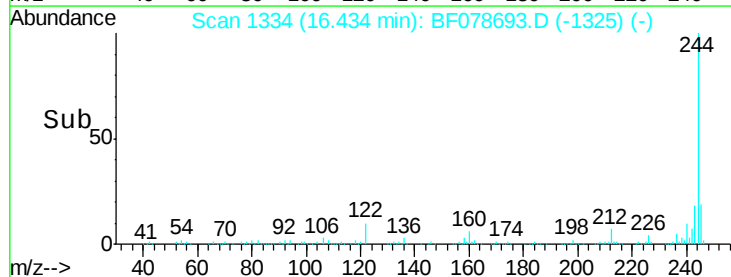
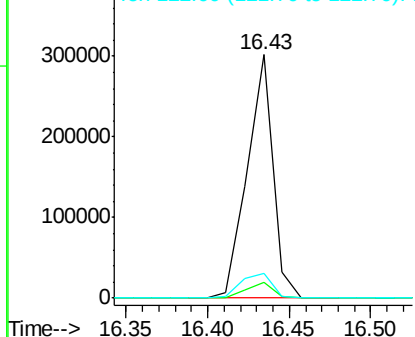


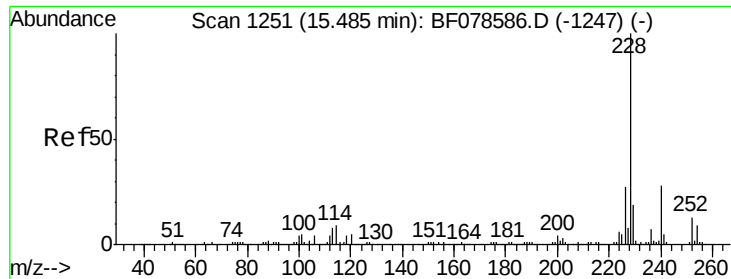
#78
 Terphenyl-d14
 Concen: 46.11 ng
 RT: 16.43 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF078693.D
 Acq: 21 Apr 2015 20:05

Tgt Ion: 244 Resp: 330242
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 10.1 7.1 10.7



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: 5.03 ng

RT: 17.76 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF078693.D

Acq: 21 Apr 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SB-66S

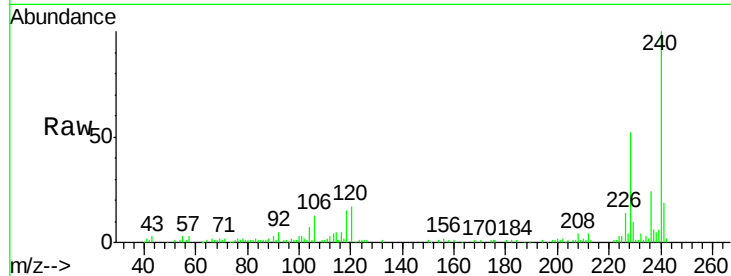
Tgt Ion:228 Resp: 48466

Ion Ratio Lower Upper

228 100

226 26.1 21.3 31.9

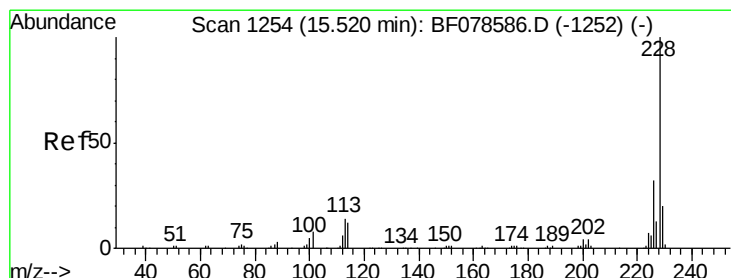
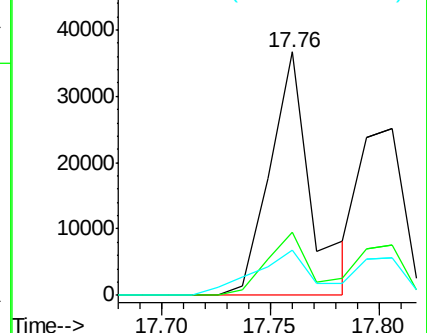
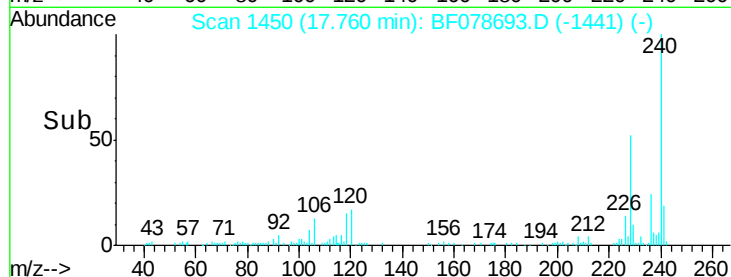
229 18.6 15.4 23.2



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: 3.98 ng

RT: 17.81 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF078693.D

Acq: 21 Apr 2015 20:05

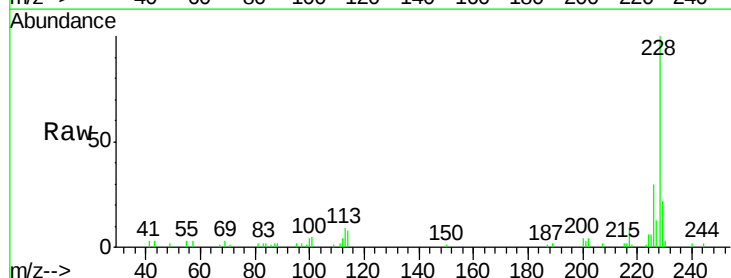
Tgt Ion:228 Resp: 35981

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.4

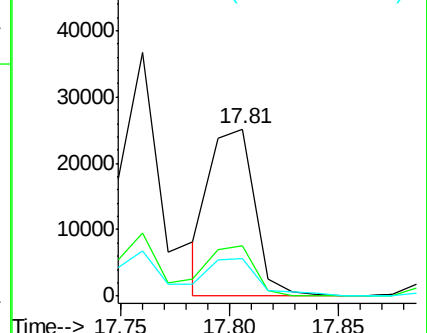
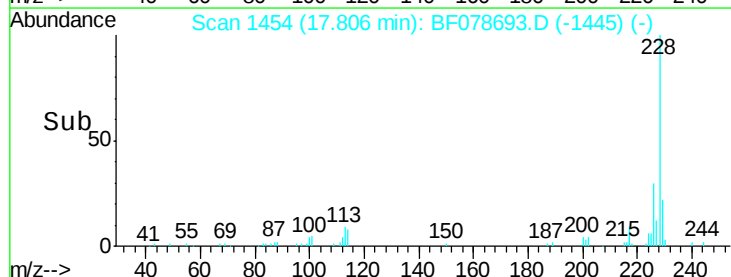
229 22.2 15.8 23.8

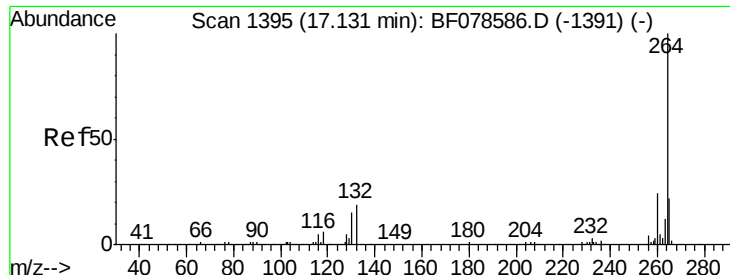


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



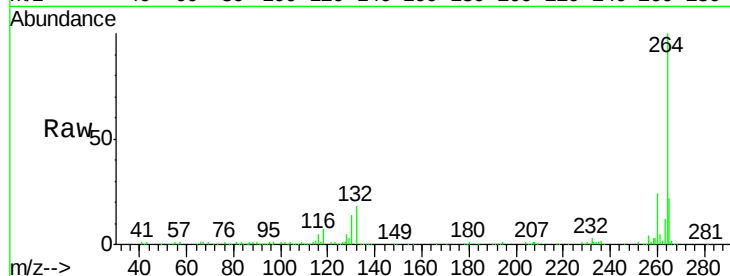


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.52 min Scan# 1604
Delta R.T. 0.03 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

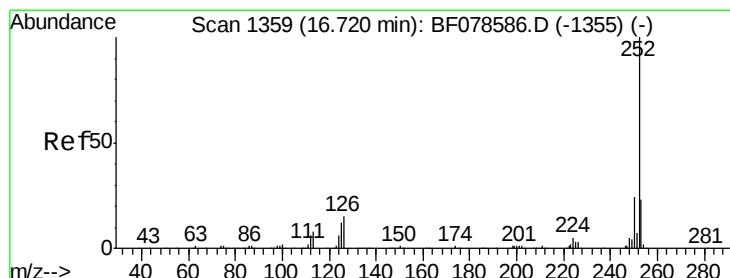
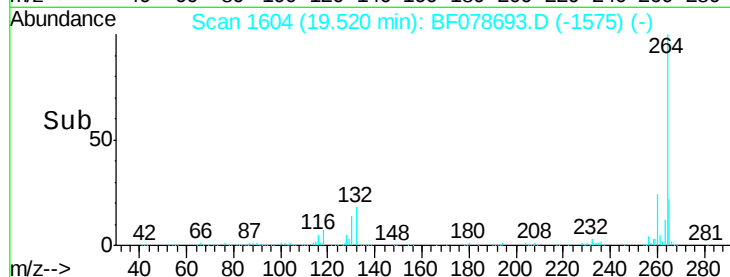
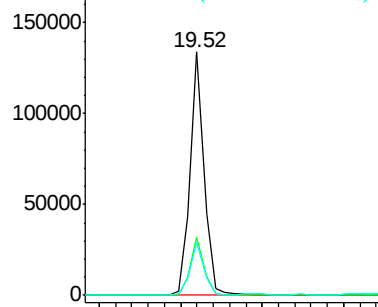
Instrument :
BNA_F
ClientSampleId :
SB-66S

Tgt Ion: 264 Resp: 159287

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.8	17.0	25.6



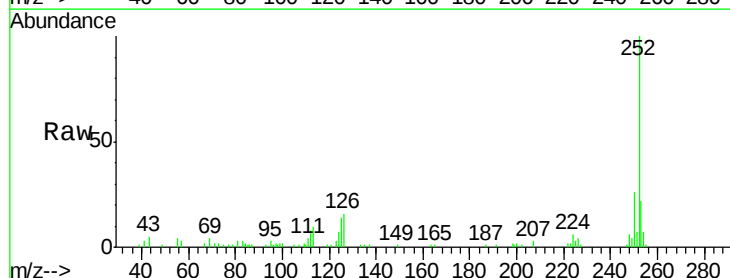
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



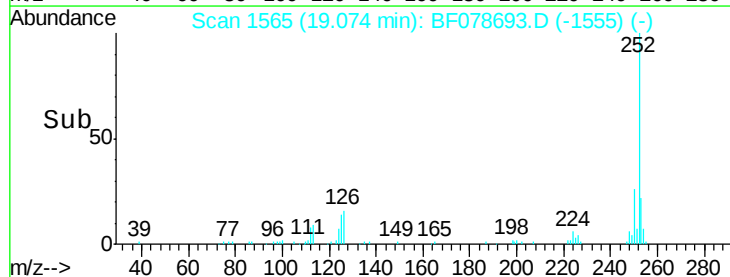
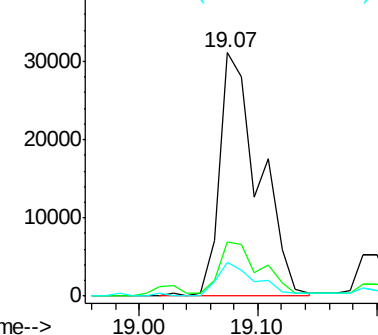
#87
Benzo(b)fluoranthene
Concen: 7.26 ng
RT: 19.07 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

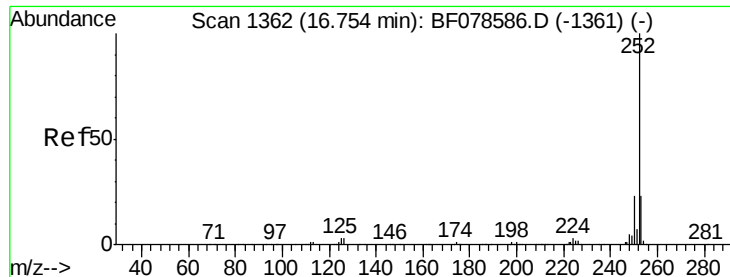
Tgt Ion: 252 Resp: 71486

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	14.0	7.0	10.4



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

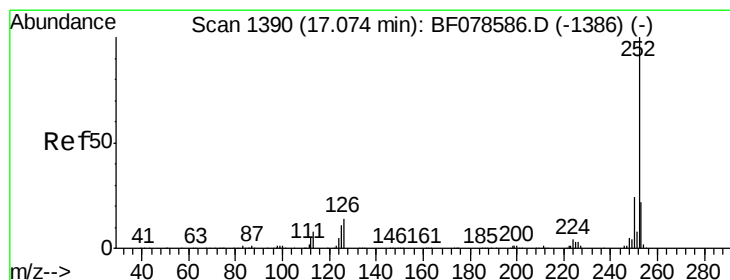
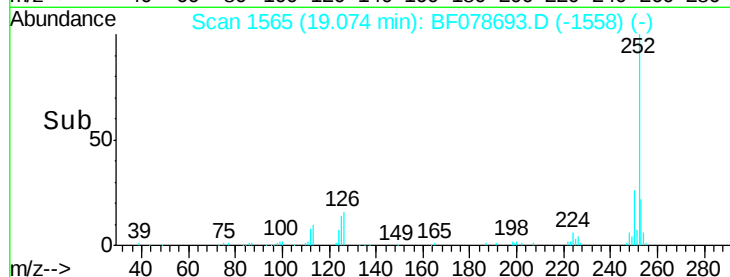
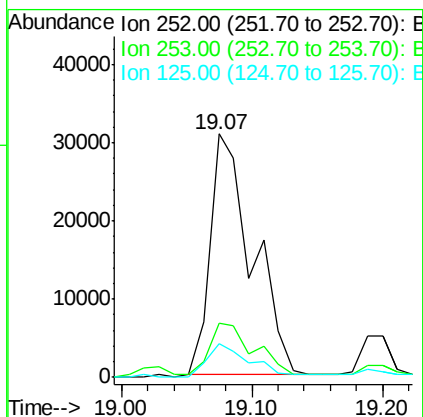
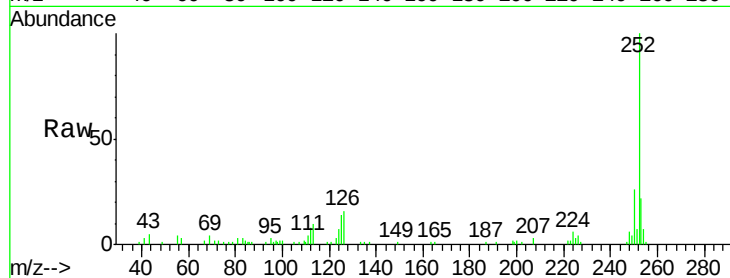




#88
Benzo(k)fluoranthene
Concen: 7.92 ng
RT: 19.07 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

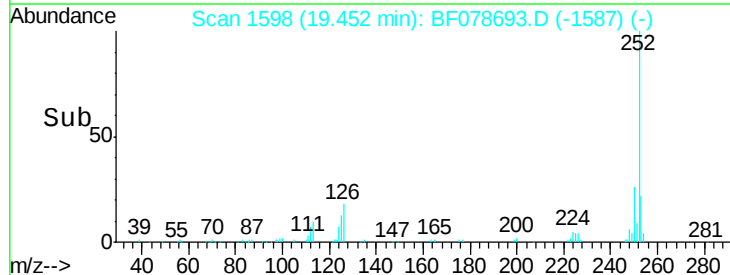
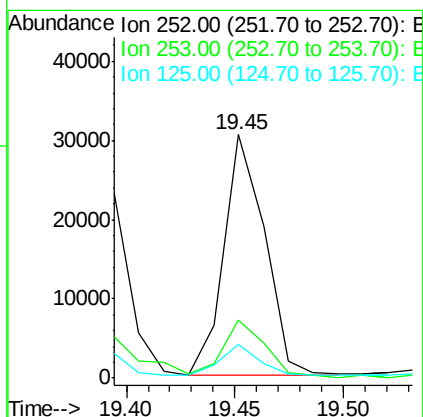
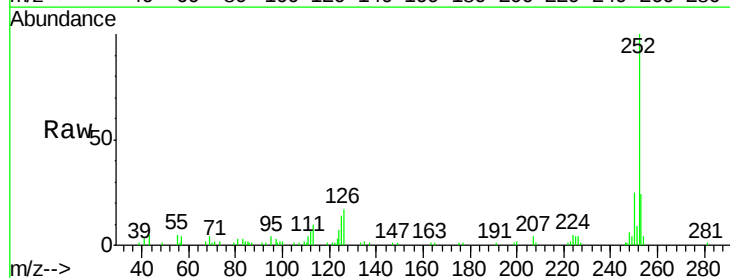
Instrument :
BNA_F
ClientSampleId :
SB-66S

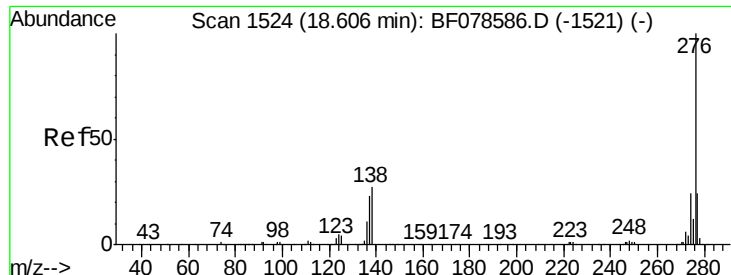
Tgt Ion: 252 Resp: 69273
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 14.0 11.6 17.4



#89
Benzo(a)pyrene
Concen: 4.57 ng
RT: 19.45 min Scan# 1598
Delta R.T. 0.02 min
Lab File: BF078693.D
Acq: 21 Apr 2015 20:05

Tgt Ion: 252 Resp: 39236
Ion Ratio Lower Upper
252 100
253 23.6 16.8 25.2
125 13.7 7.4 11.0#





#91

Benzo(g,h,i)perylene

Concen: 3.04 ng

RT: 21.04 min Scan# 1737

Delta R.T. 0.06 min

Lab File: BF078693.D

Acq: 21 Apr 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SB-66S

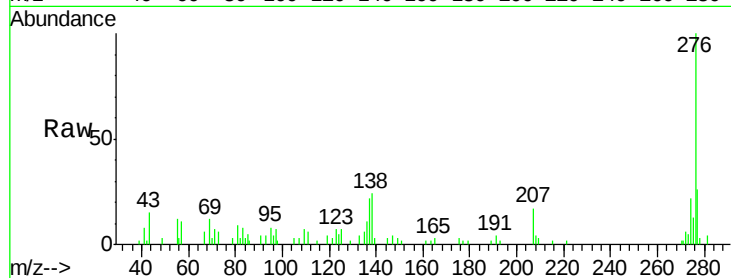
Tgt Ion:276 Resp: 26250

Ion Ratio Lower Upper

276 100

277 25.7 19.0 28.4

138 23.9 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

