

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
 Data File : BF078702.D
 Acq On : 22 Apr 2015 00:44
 Operator : TP/IZ
 Sample : G1957-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-01

Quant Time: Apr 22 03:58:06 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

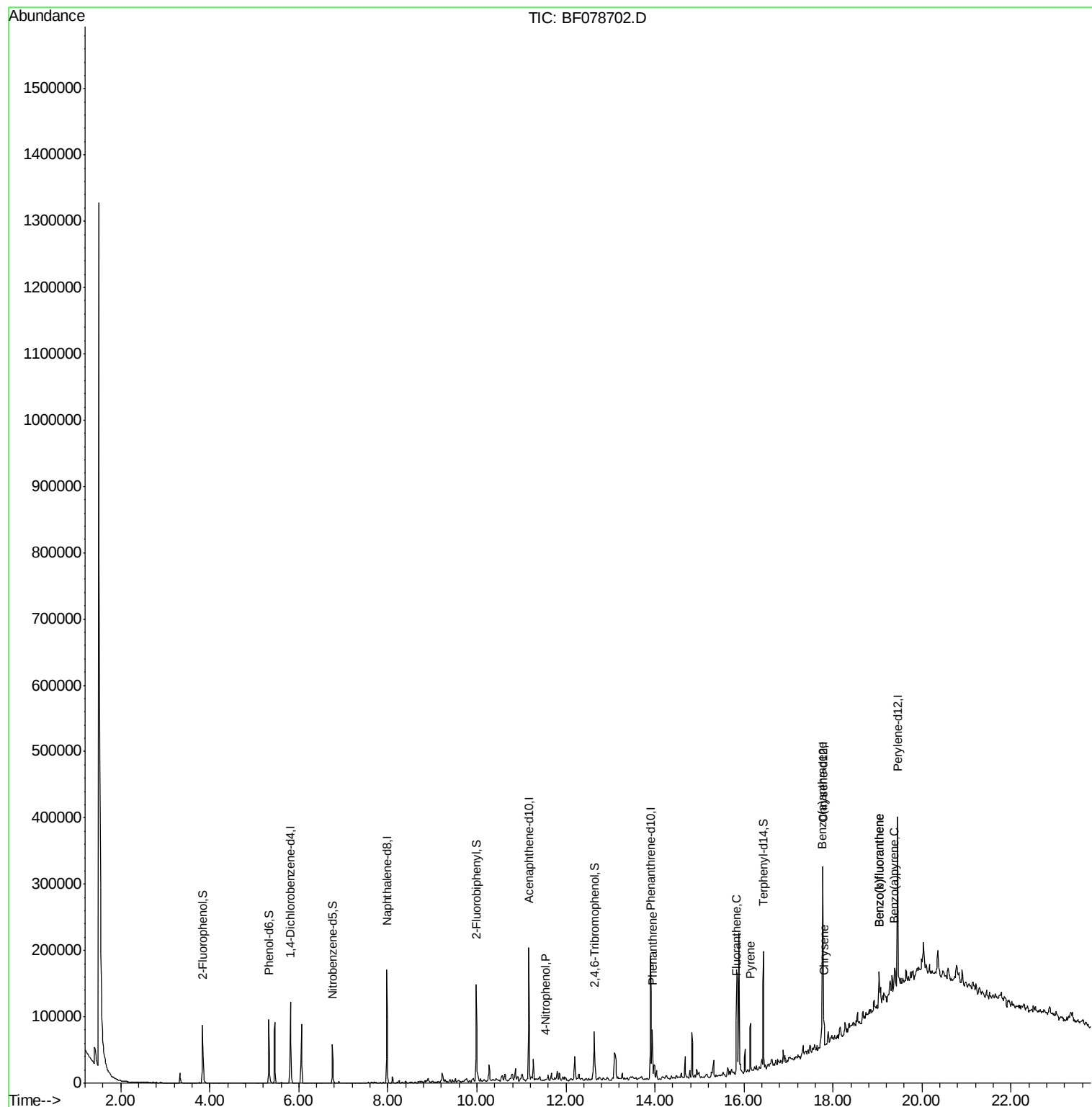
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	26275	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	111201	20.00	ng	-0.01
38) Acenaphthene-d10	11.16	164	55837	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	108049	20.00	ng	-0.01
75) Chrysene-d12	17.77	240	120693	20.00	ng	-0.01
86) Perylene-d12	19.45	264	119957	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	35889	22.52	ng	0.01
7) Phenol-d6	5.32	99	48528	24.30	ng	0.00
23) Nitrobenzene-d5	6.75	82	28325	15.44	ng	-0.01
41) 2,4,6-Tribromophenol	12.64	330	11233	24.26	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	67732	17.34	ng	-0.01
78) Terphenyl-d14	16.43	244	80381	15.05	ng	0.00
Target Compounds						Qvalue
55) 4-Nitrophenol	11.55	139	369	3.26	ng	# 18
70) Phenanthrene	13.94	178	32161	5.15	ng	99
74) Fluoranthene	15.83	202	42863	6.50	ng	99
77) Pyrene	16.15	202	39962	5.27	ng	# 93
80) Benzo(a)anthracene	17.76	228	24166	3.37	ng	97
82) Chrysene	17.79	228	16886	2.50	ng	98
87) Benzo(b)fluoranthene	19.04	252	31166	4.20	ng	# 83
88) Benzo(k)fluoranthene	19.04	252	31686	4.81	ng	# 88
89) Benzo(a)pyrene	19.38	252	16834	2.60	ng	# 79

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

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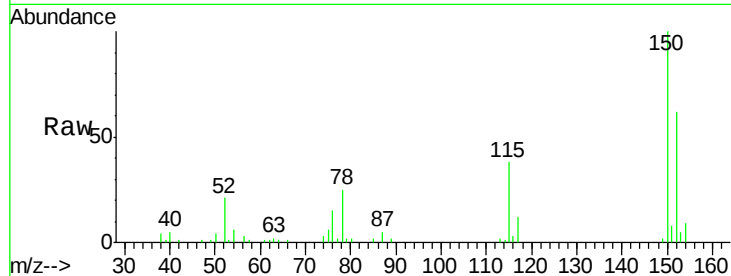


#1

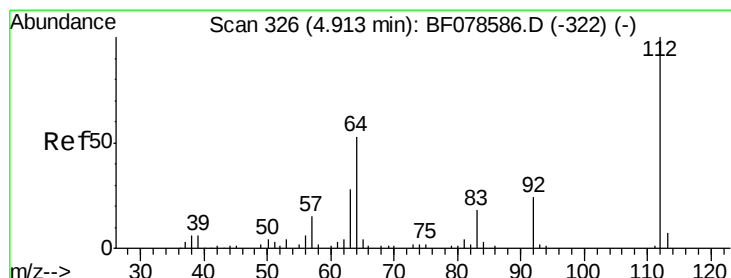
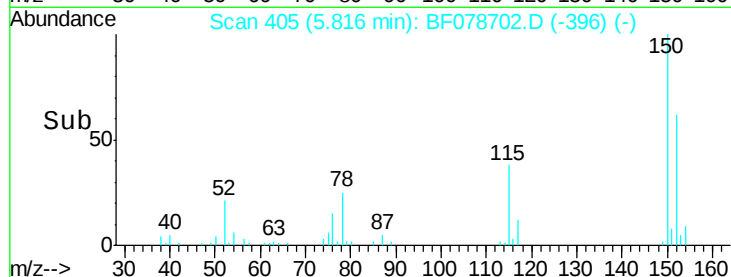
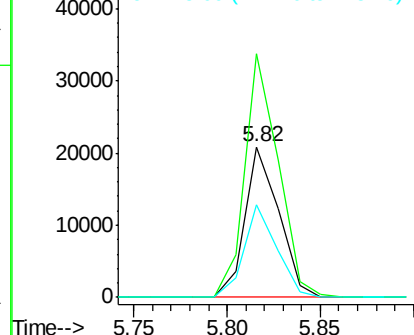
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF078702.D
Acq: 22 Apr 2015 00:44

Instrument :
BNA_F
ClientSampled :
FILL-01

Tgt Ion:152 Resp: 26275
Ion Ratio Lower Upper
152 100
150 161.9 125.9 188.9
115 61.5 52.7 79.1



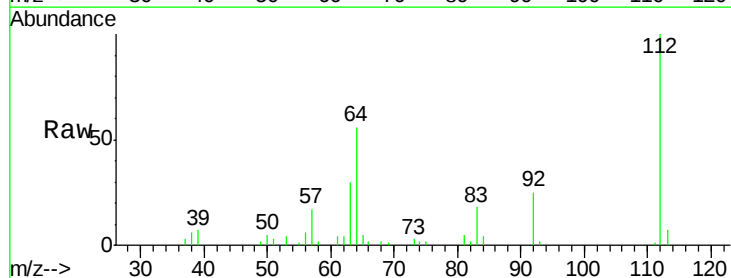
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



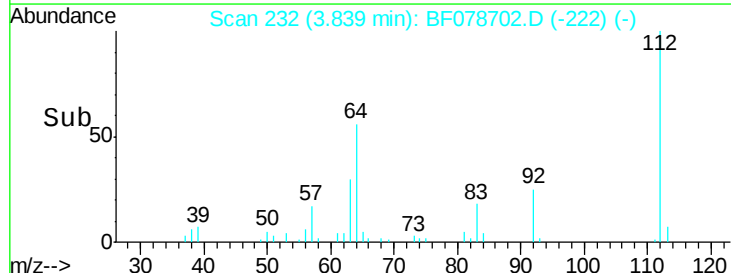
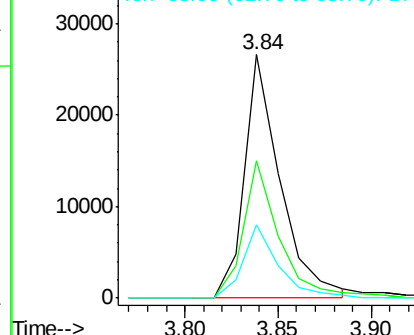
#5

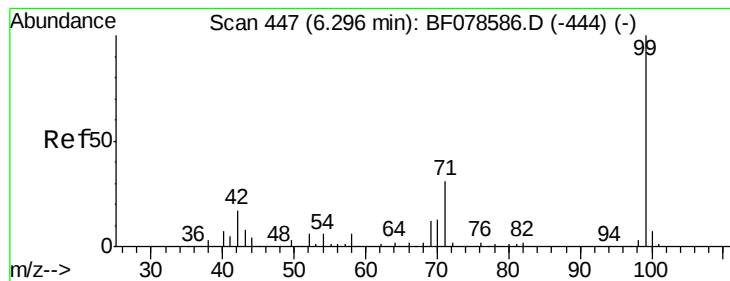
2-Fluorophenol
Concen: 22.52 ng
RT: 3.84 min Scan# 232
Delta R.T. 0.01 min
Lab File: BF078702.D
Acq: 22 Apr 2015 00:44

Tgt Ion:112 Resp: 35889
Ion Ratio Lower Upper
112 100
64 56.4 39.9 59.9
63 30.4 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: 24.30 ng

RT: 5.32 min Scan# 362

Delta R.T. -0.00 min

Lab File: BF078702.D

Acq: 22 Apr 2015 00:44

Instrument :

BNA_F

ClientSampleId :

FILL-01

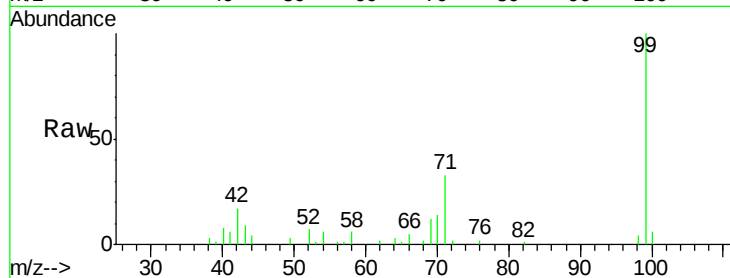
Tgt Ion: 99 Resp: 48528

Ion Ratio Lower Upper

99 100

42 17.2 14.8 22.2

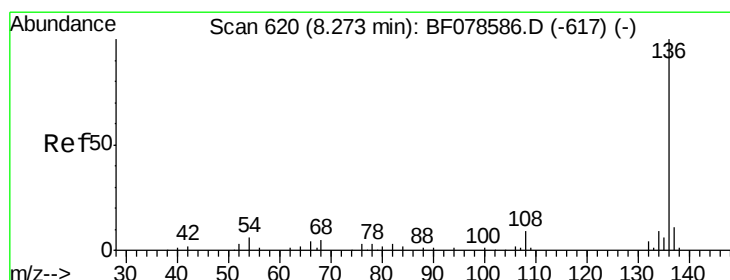
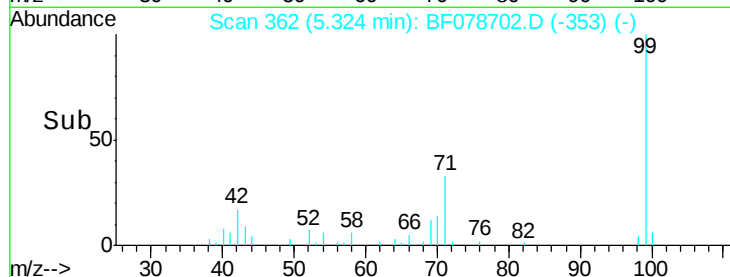
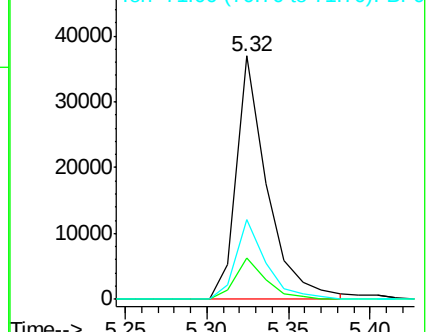
71 32.8 26.6 39.8



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: BF078702.D

Acq: 22 Apr 2015 00:44

Tgt Ion: 136 Resp: 111201

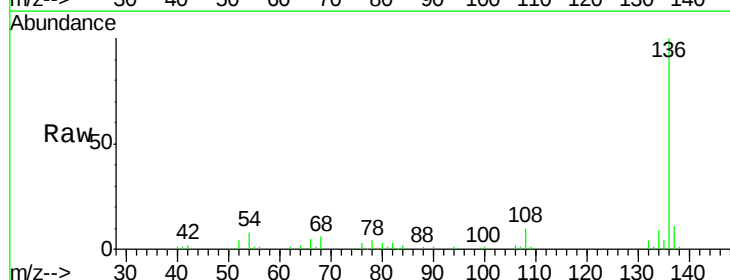
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 8.0 7.0 10.6

68 6.1 5.4 8.2

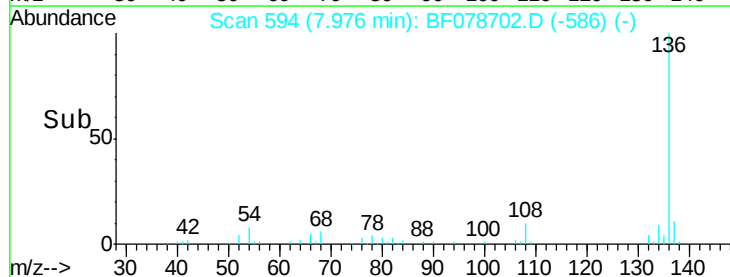
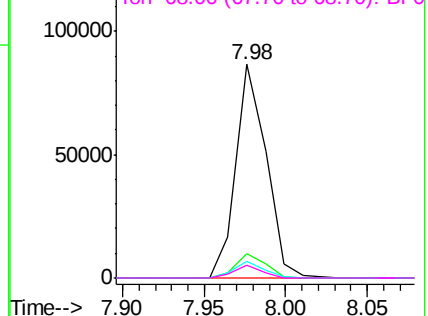


Abundance Ion 136.00 (135.70 to 136.70): E

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

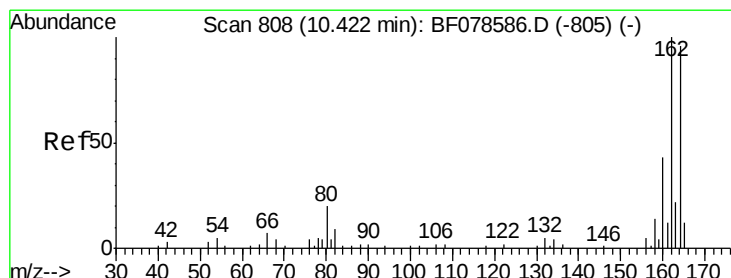
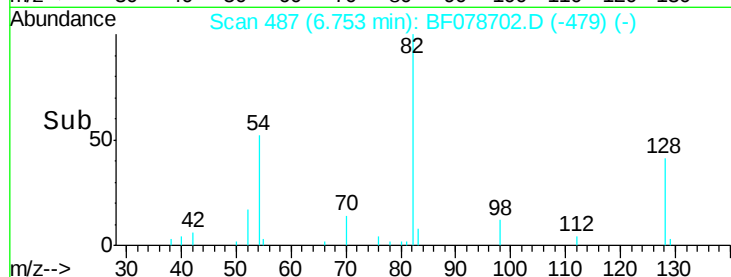
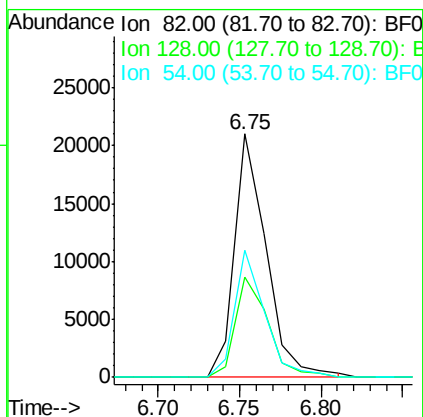
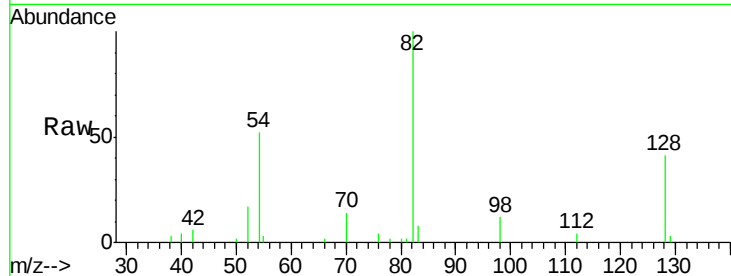




#23
 Nitrobenzene-d5
 Concen: 15.44 ng
 RT: 6.75 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF078702.D
 Acq: 22 Apr 2015 00:44

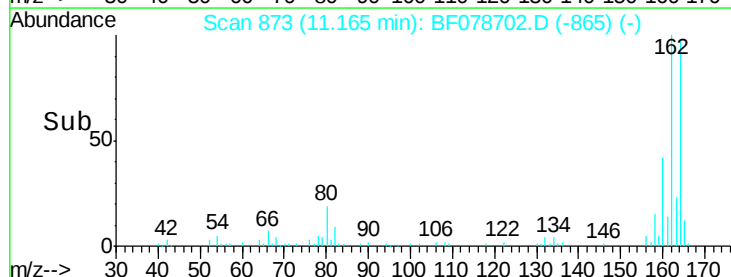
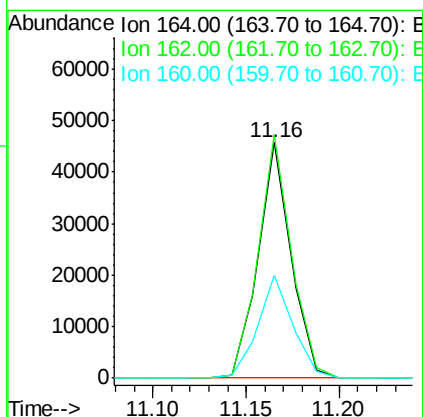
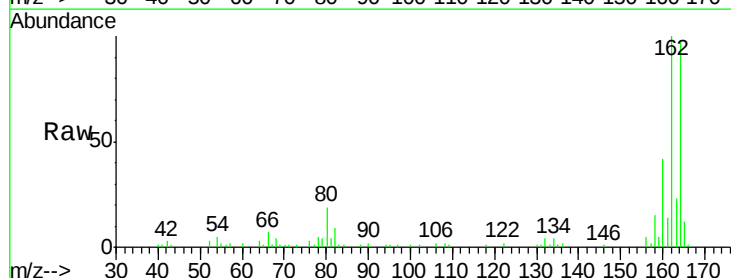
Instrument :
 BNA_F
 ClientSampleId :
 FILL-01

Tgt Ion: 82 Resp: 28325
 Ion Ratio Lower Upper
 82 100
 128 41.4 31.8 47.8
 54 52.4 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF078702.D
 Acq: 22 Apr 2015 00:44

Tgt Ion: 164 Resp: 55837
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.2 123.2
 160 43.8 34.7 52.1

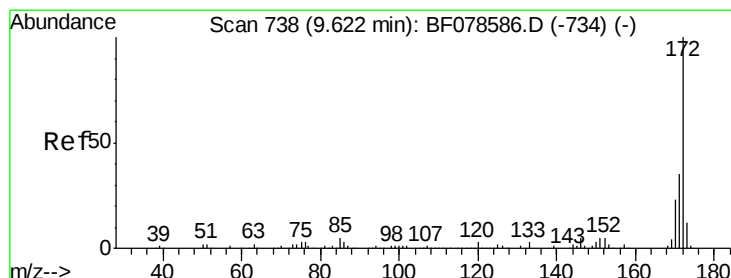
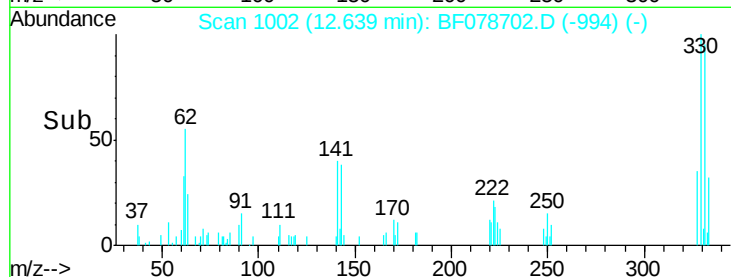
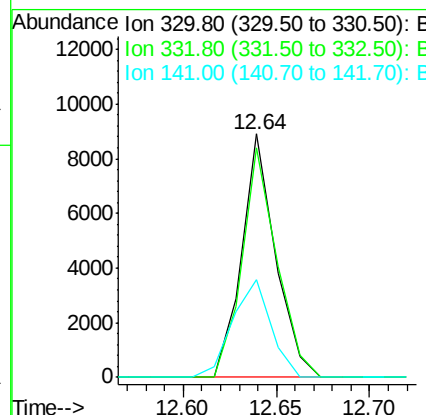
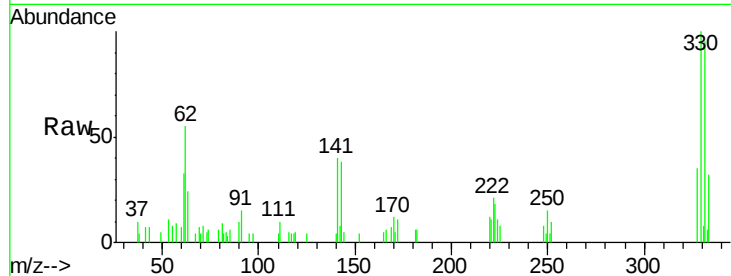




#41
 2,4,6-Tribromophenol
 Concen: 24.26 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF078702.D
 Acq: 22 Apr 2015 00:44

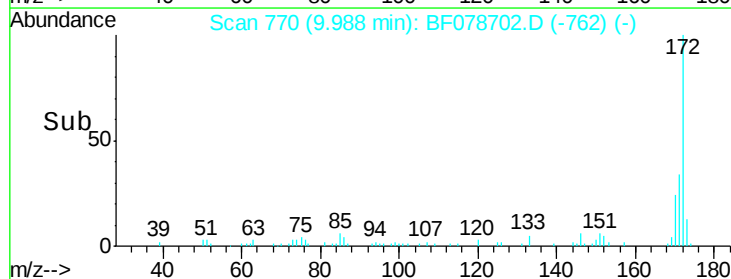
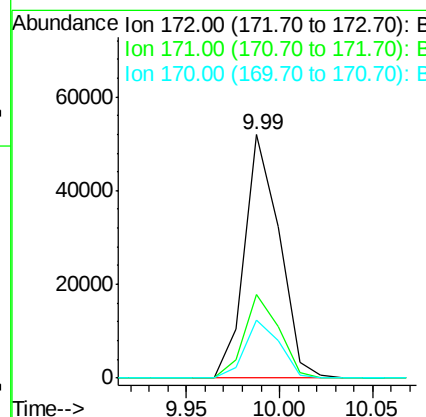
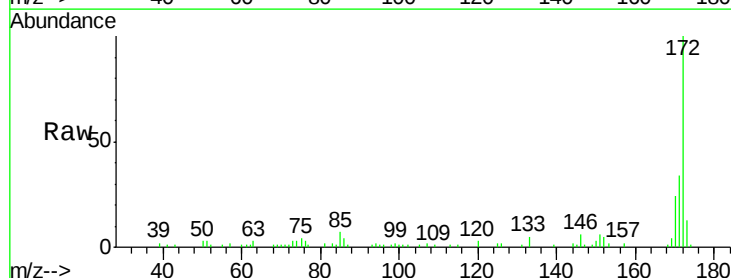
Instrument :
 BNA_F
 ClientSampleId :
 FILL-01

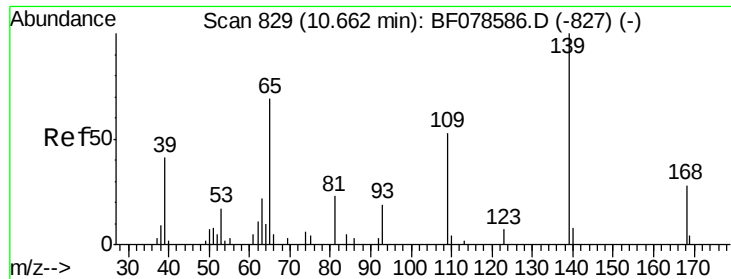
Tgt Ion: 330 Resp: 11233
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.6 117.8
 141 45.7 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 17.34 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF078702.D
 Acq: 22 Apr 2015 00:44

Tgt Ion: 172 Resp: 67732
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.6 42.8
 170 23.9 18.5 27.7

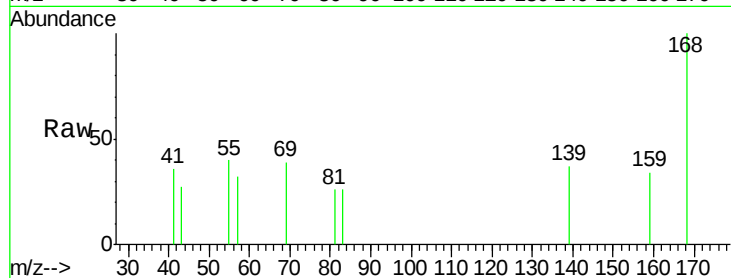




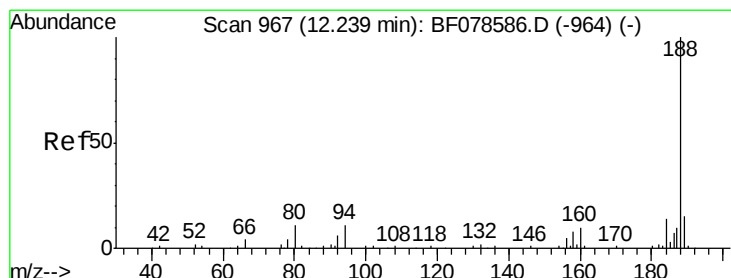
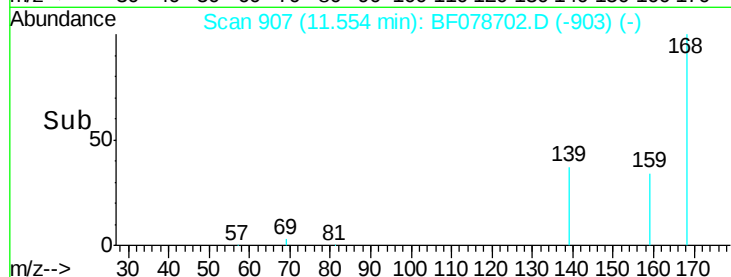
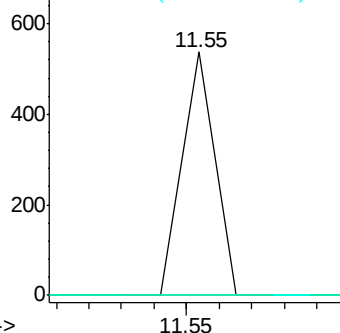
#55
4-Nitrophenol
Concen: 3.26 ng
RT: 11.55 min Scan# 907
Delta R.T. -0.06 min
Lab File: BF078702.D
Acq: 22 Apr 2015 00:44

Instrument :
BNA_F
ClientSampleId :
FILL-01

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

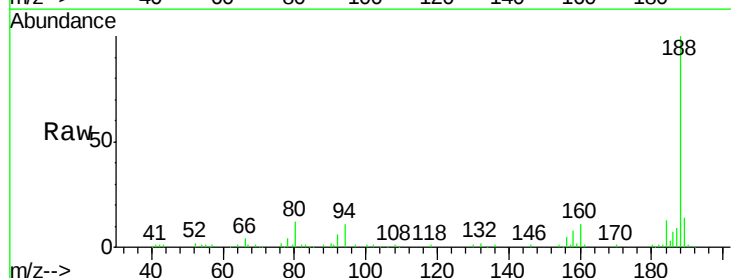


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

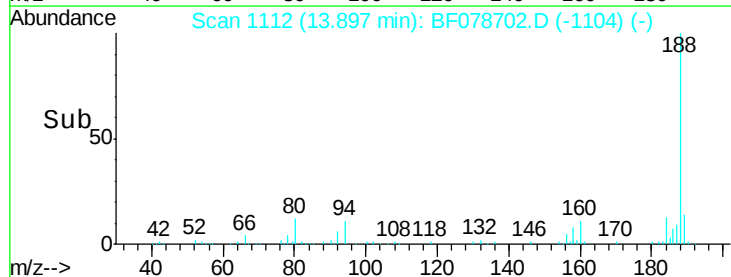
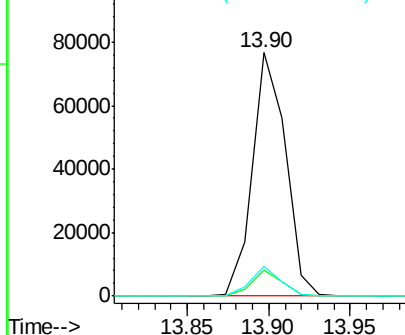


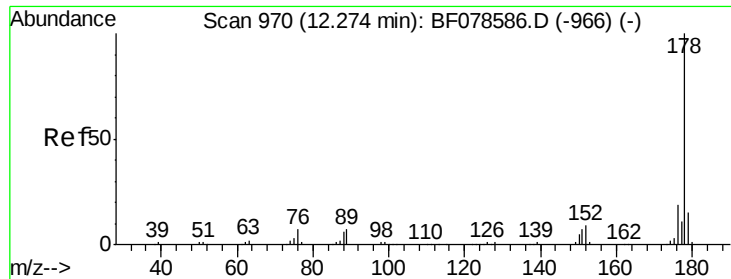
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078702.D
Acq: 22 Apr 2015 00:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.4
80	12.1	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: 5.15 ng

RT: 13.94 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF078702.D

Acq: 22 Apr 2015 00:44

Instrument :

BNA_F

ClientSampleId :

FILL-01

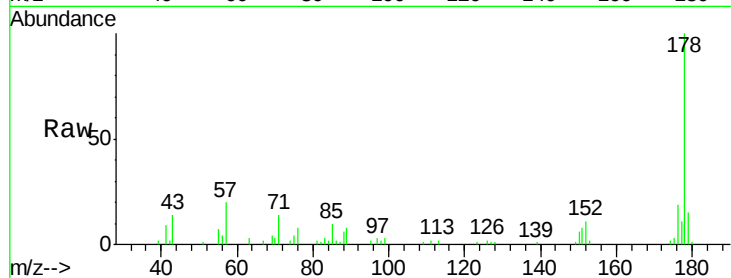
Tgt Ion:178 Resp: 32161

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

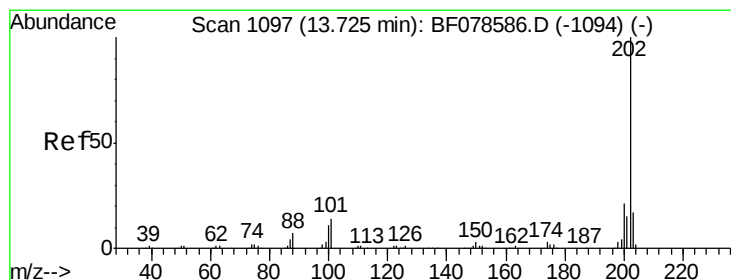
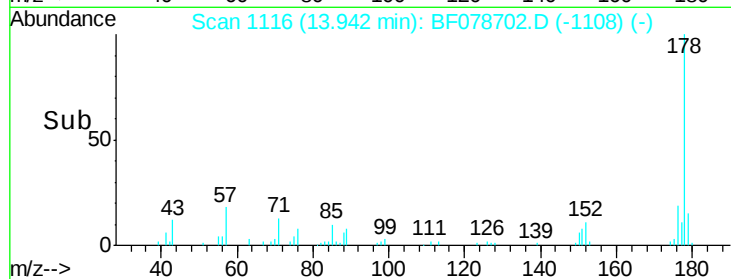
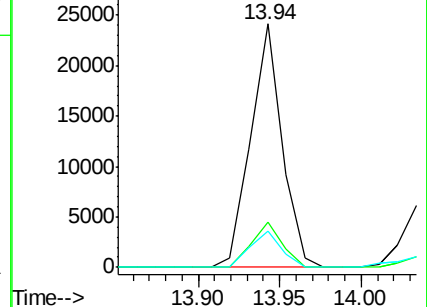
179 14.8 12.2 18.2



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: 6.50 ng

RT: 15.83 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF078702.D

Acq: 22 Apr 2015 00:44

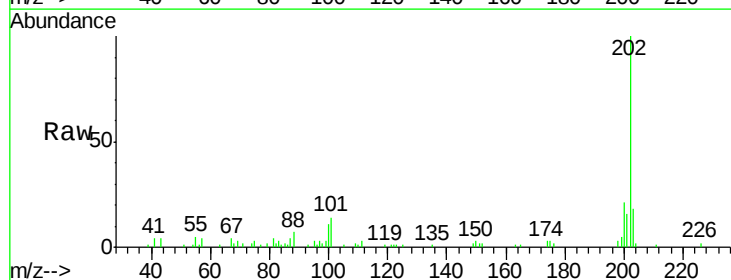
Tgt Ion:202 Resp: 42863

Ion Ratio Lower Upper

202 100

101 14.4 0.0 35.2

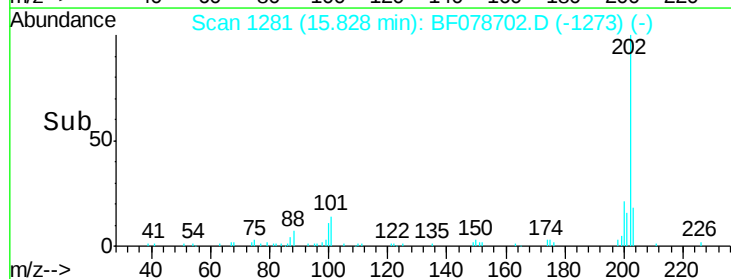
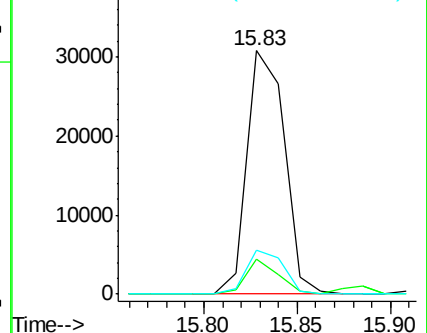
203 18.3 0.0 38.5

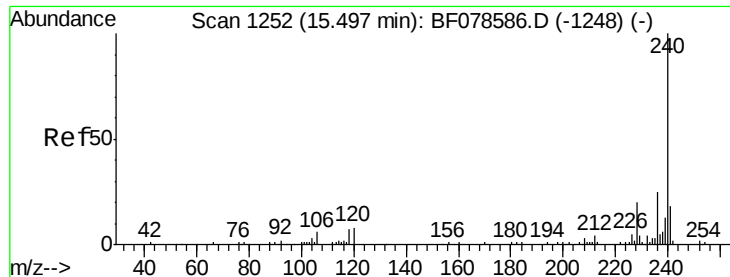


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF078702.D

Acq: 22 Apr 2015 00:44

Instrument :

BNA_F

ClientSampled :

FILL-01

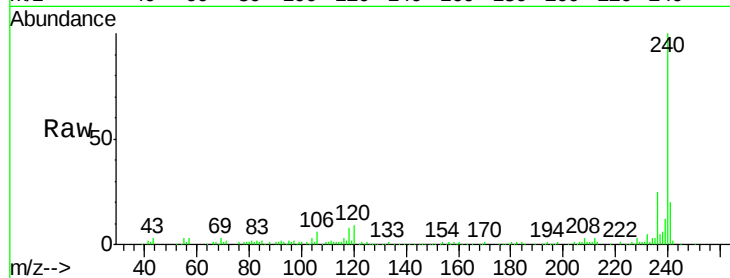
Tgt Ion:240 Resp: 120693

Ion Ratio Lower Upper

240 100

120 9.5 7.1 10.7

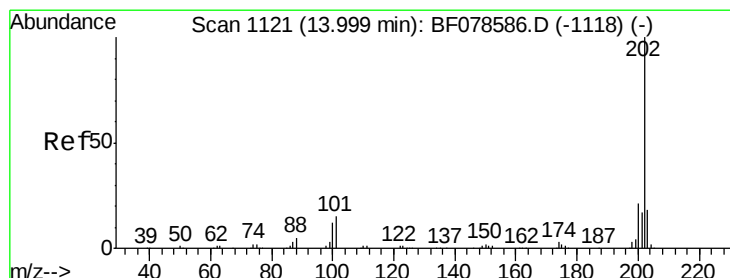
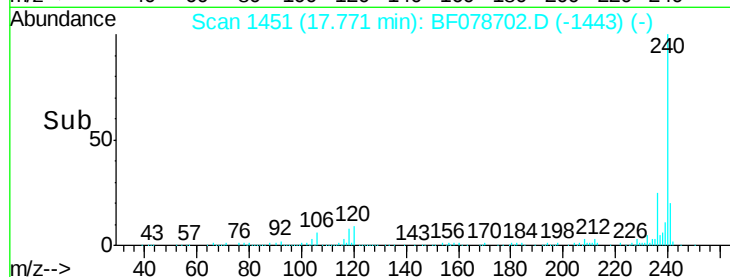
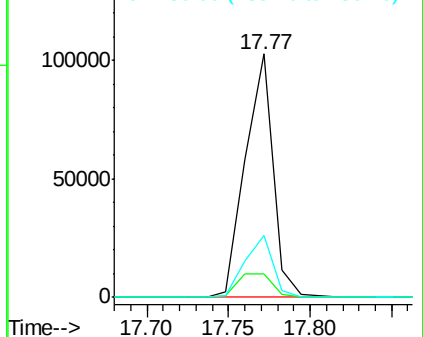
236 25.4 21.4 32.2



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: 5.27 ng

RT: 16.15 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF078702.D

Acq: 22 Apr 2015 00:44

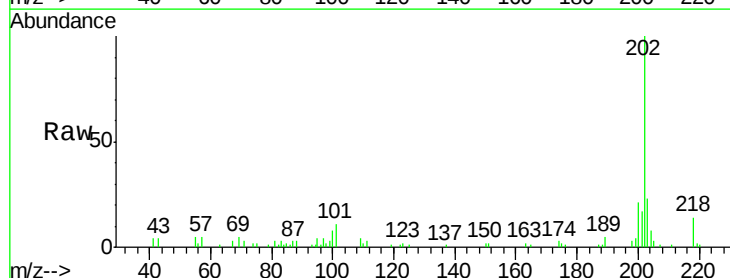
Tgt Ion:202 Resp: 39962

Ion Ratio Lower Upper

202 100

200 21.3 16.3 24.5

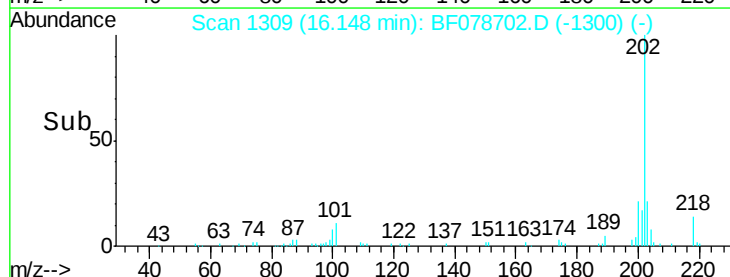
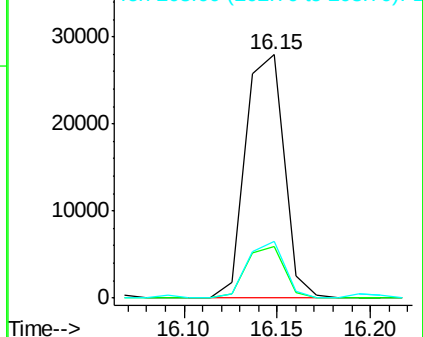
203 23.1 13.8 20.6#

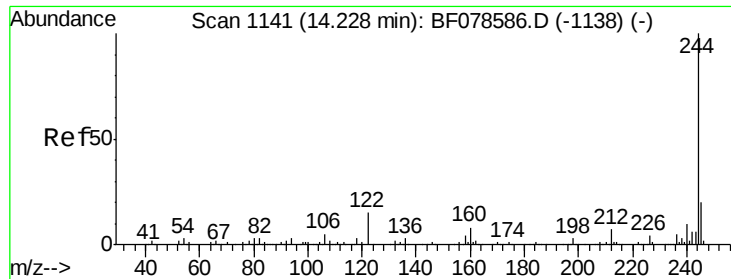


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

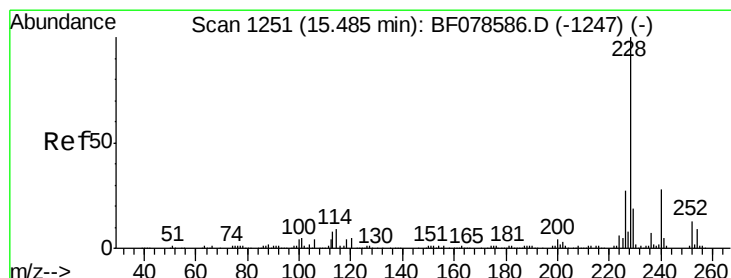
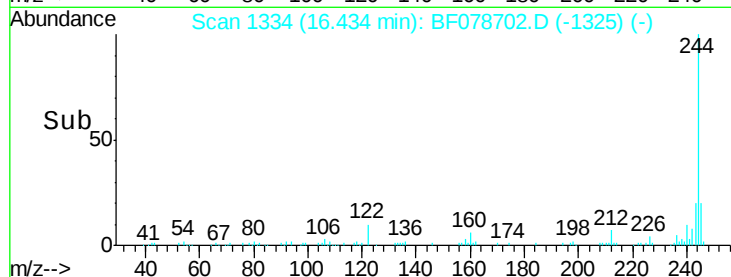
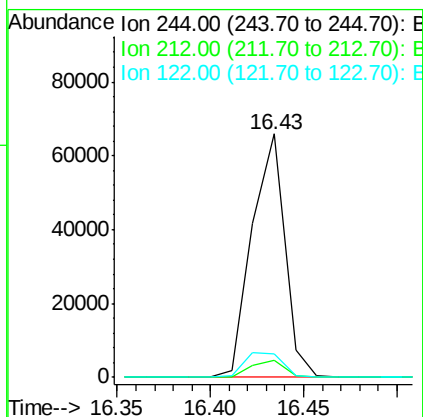
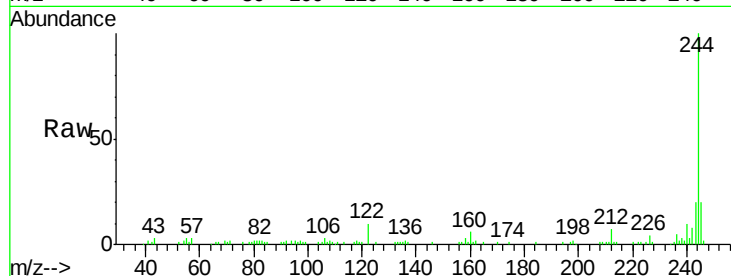




#78
 Terphenyl-d14
 Concen: 15.05 ng
 RT: 16.43 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF078702.D
 Acq: 22 Apr 2015 00:44

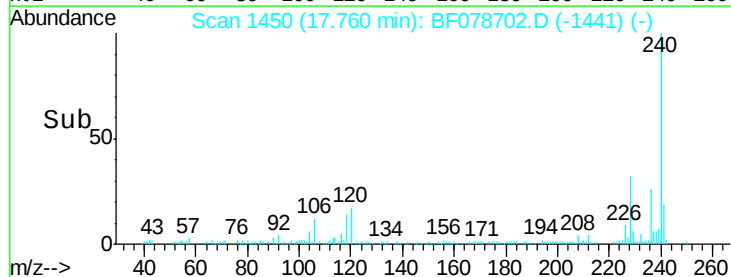
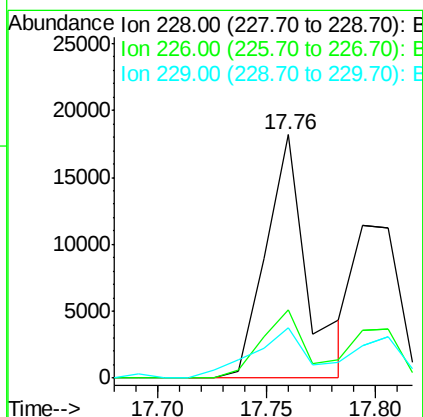
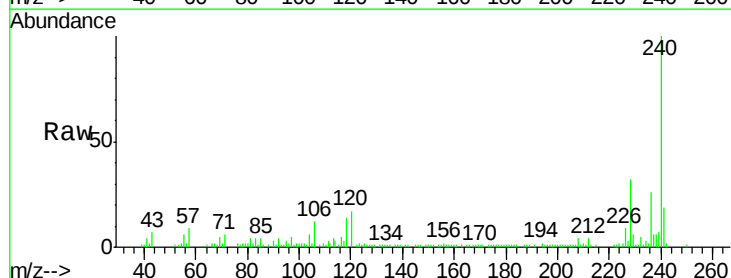
Instrument :
 BNA_F
 ClientSampleId :
 FILL-01

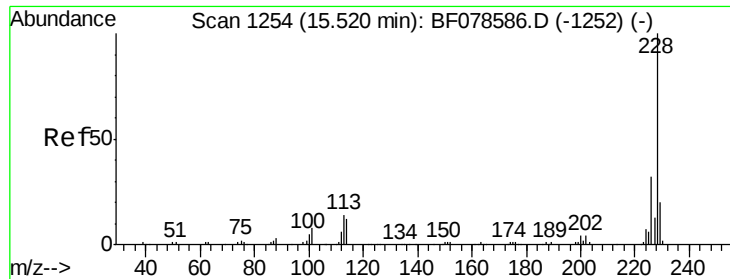
Tgt Ion:244 Resp: 80381
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 9.6 7.1 10.7



#80
 Benzo(a)anthracene
 Concen: 3.37 ng
 RT: 17.76 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF078702.D
 Acq: 22 Apr 2015 00:44

Tgt Ion:228 Resp: 24166
 Ion Ratio Lower Upper
 228 100
 226 28.0 21.3 31.9
 229 20.5 15.4 23.2





#82

Chrysene

Concen: 2.50 ng

RT: 17.79 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF078702.D

Acq: 22 Apr 2015 00:44

Instrument :

BNA_F

ClientSampleId :

FILL-01

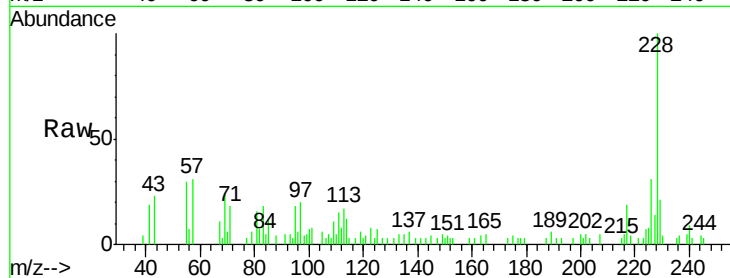
Tgt Ion:228 Resp: 16886

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.4

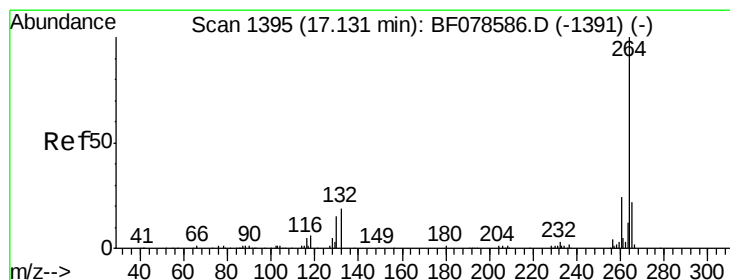
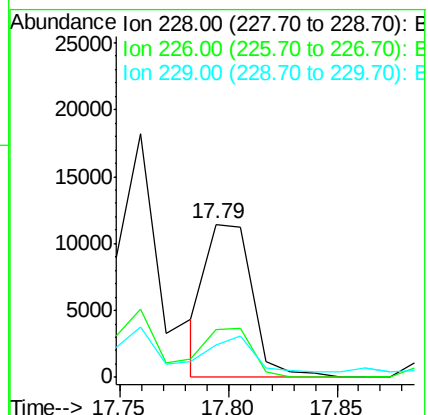
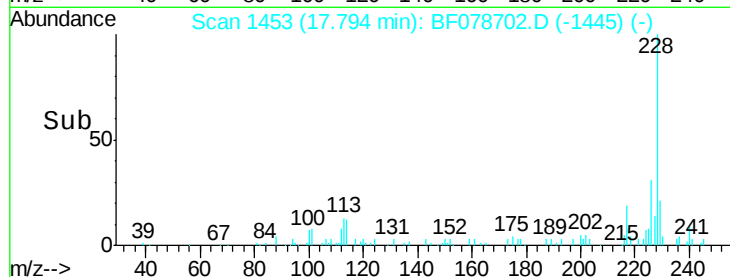
229 21.3 15.8 23.8



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: 19.45 min Scan# 1598

Delta R.T. -0.03 min

Lab File: BF078702.D

Acq: 22 Apr 2015 00:44

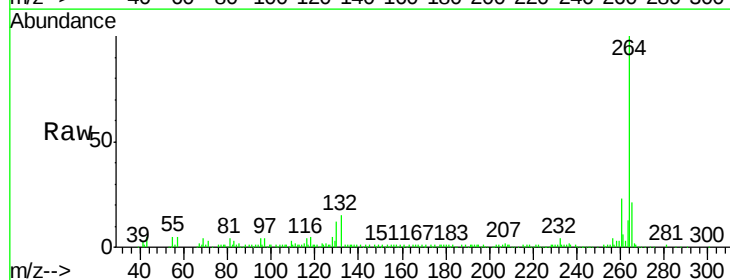
Tgt Ion:264 Resp: 119957

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 21.1 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

