

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042215\
 Data File : BF078743.D
 Acq On : 23 Apr 2015 7:41
 Operator : TP/IZ
 Sample : G1961-02RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-017RE

Quant Time: Apr 23 08:36:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 07:27:59 2015
 Response via : Initial Calibration

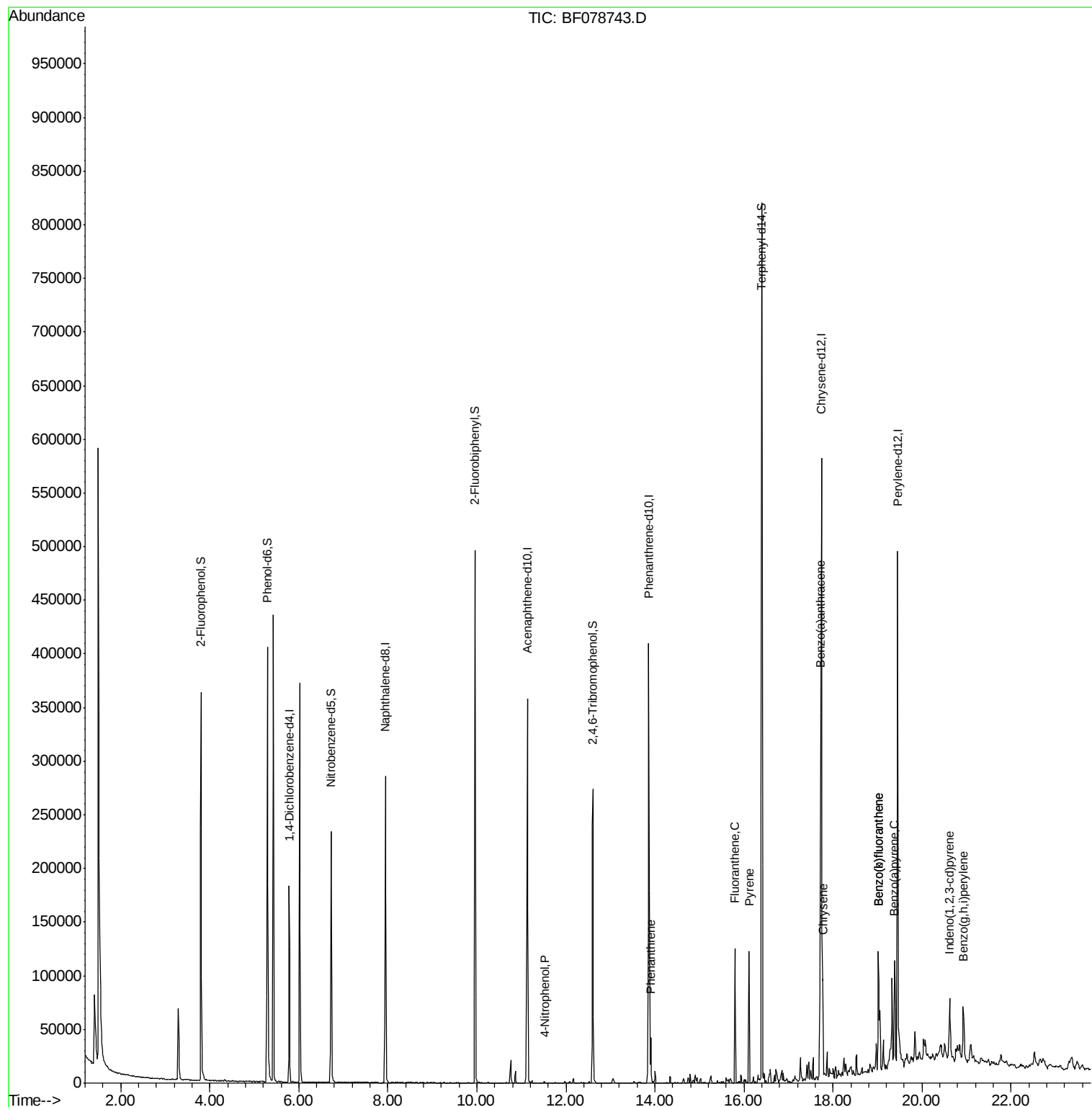
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	41432	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	189042	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	104312	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	220015	20.00	ng	0.00
75) Chrysene-d12	17.74	240	230560	20.00	ng	0.00
86) Perylene-d12	19.45	264	223484	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.80	112	154676	61.55	ng	0.01
7) Phenol-d6	5.29	99	198082	62.90	ng	0.00
23) Nitrobenzene-d5	6.72	82	118170	37.89	ng	-0.01
41) 2,4,6-Tribromophenol	12.61	330	53209	61.50	ng	0.00
44) 2-Fluorobiphenyl	9.95	172	262520	35.97	ng	-0.01
78) Terphenyl-d14	16.40	244	318854	31.25	ng	0.00
Target Compounds						
55) 4-Nitrophenol	11.52	139	227	2.93	ng	Qvalue # 18
70) Phenanthrene	13.91	178	28223	2.22	ng	100
74) Fluoranthene	15.79	202	75823	5.65	ng	97
77) Pyrene	16.11	202	73957	5.11	ng	# 96
80) Benzo(a)anthracene	17.73	228	56585	4.12	ng	98
82) Chrysene	17.77	228	44893	3.48	ng	97
85) Indeno(1,2,3-cd)pyrene	20.62	276	35185	2.41	ng	94
87) Benzo(b)fluoranthene	19.02	252	89074	6.45	ng	# 95
88) Benzo(k)fluoranthene	19.02	252	86602	7.06	ng	97
89) Benzo(a)pyrene	19.38	252	45574	3.78	ng	# 94
91) Benzo(g,h,i)perylene	20.93	276	31653	2.62	ng	96

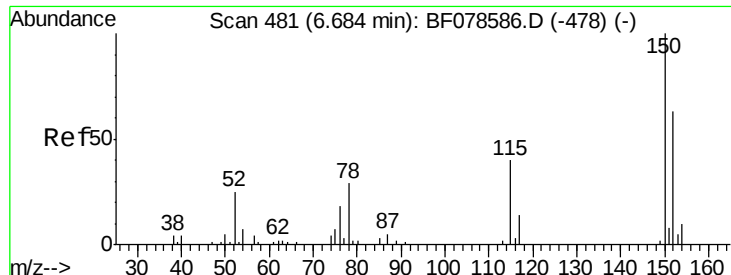
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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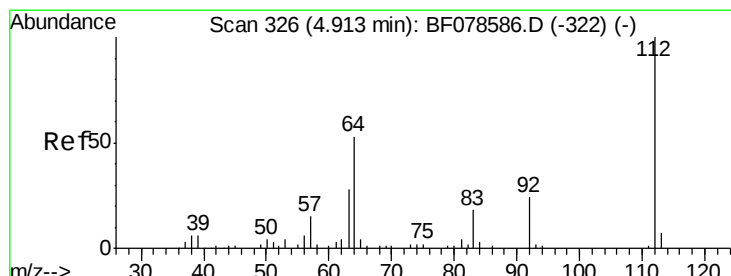
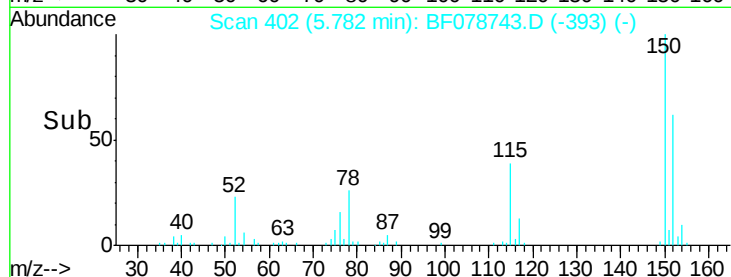
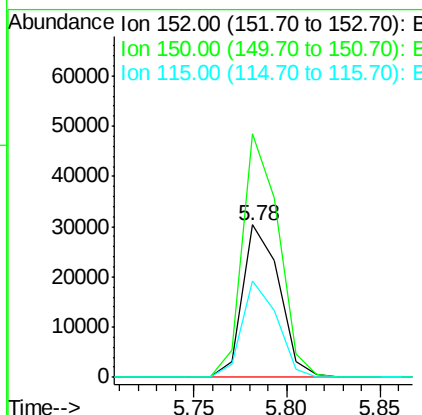
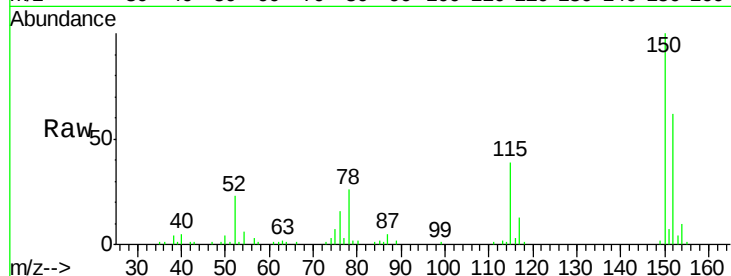




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.78 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

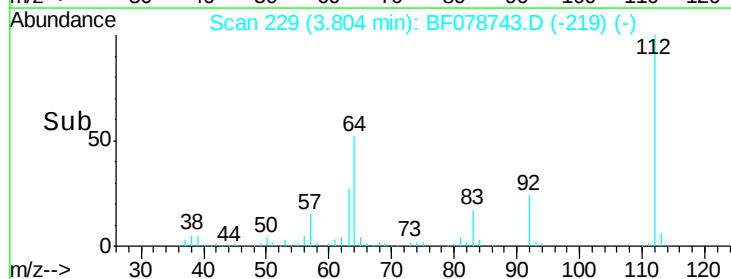
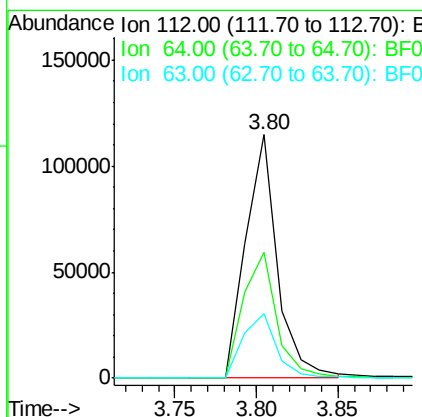
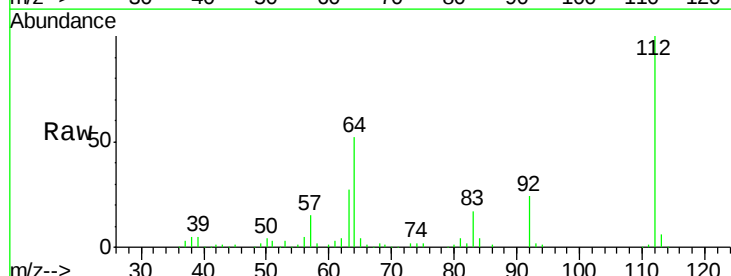
Instrument :
 BNA_F
 ClientSampleId :
 SW-017RE

Tgt Ion:152 Resp: 41432
 Ion Ratio Lower Upper
 152 100
 150 160.1 125.9 188.9
 115 63.1 52.7 79.1



#5
 2-Fluorophenol
 Concen: 61.55 ng
 RT: 3.80 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

Tgt Ion:112 Resp: 154676
 Ion Ratio Lower Upper
 112 100
 64 51.6 39.9 59.9
 63 26.7 20.2 30.4





#7

Phenol-d6

Concen: 62.90 ng

RT: 5.29 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF078743.D

Acq: 23 Apr 2015 7:41

Instrument :

BNA_F

ClientSampleId :

SW-017RE

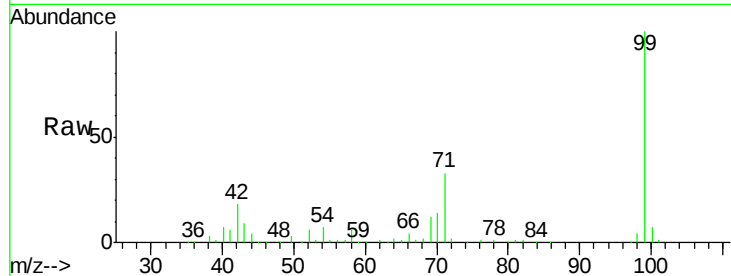
Tgt Ion: 99 Resp: 198082

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

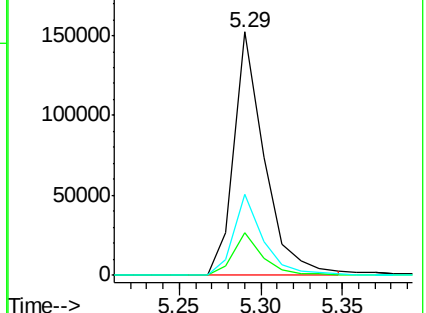
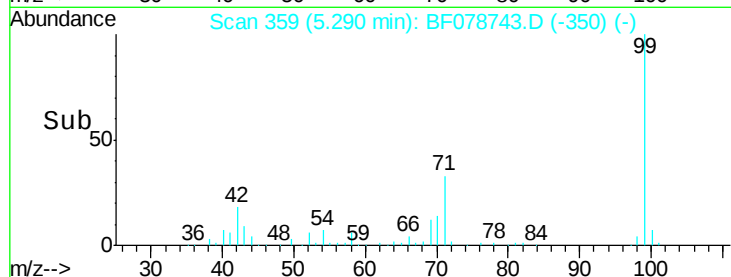
71 33.4 26.6 39.8



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: 7.94 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF078743.D

Acq: 23 Apr 2015 7:41

Tgt Ion: 136 Resp: 189042

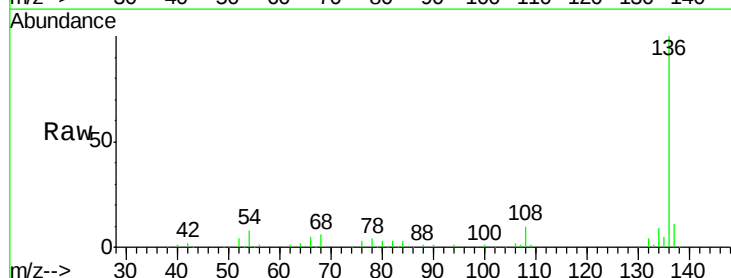
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.7 7.0 10.6

68 5.9 5.4 8.2

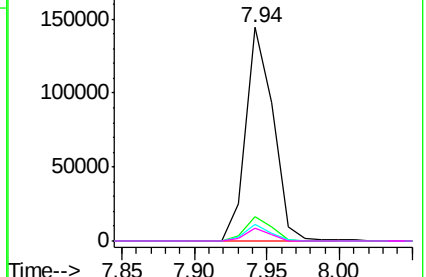
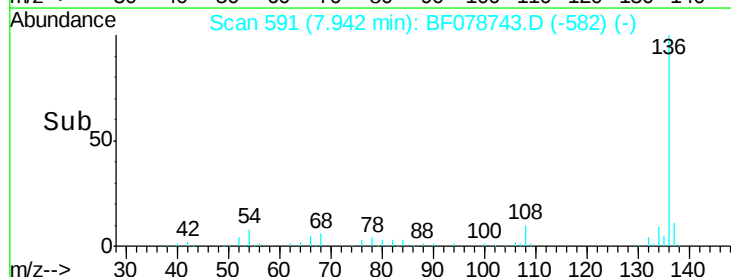


Abundance Ion 136.00 (135.70 to 136.70): E

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

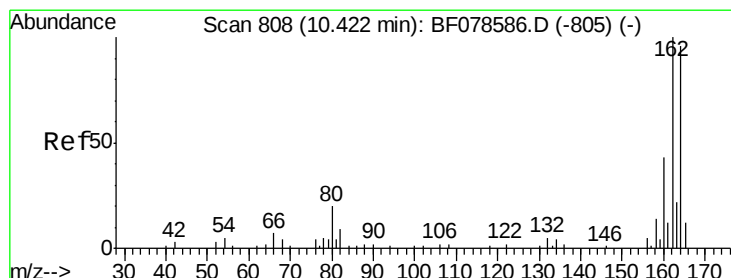
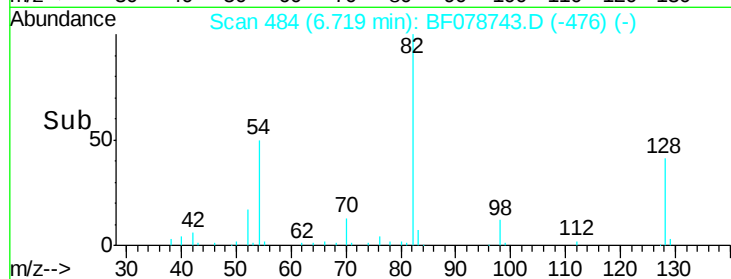
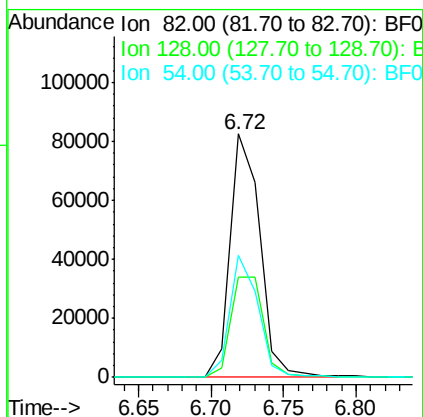
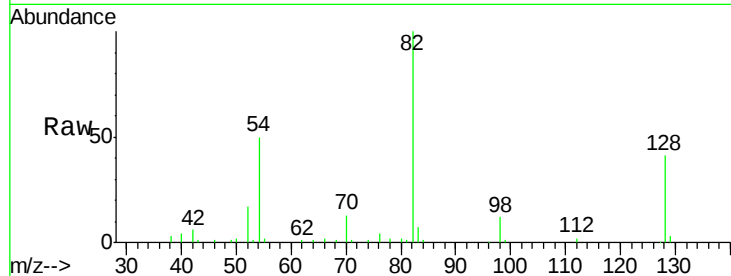




#23
 Nitrobenzene-d5
 Concen: 37.89 ng
 RT: 6.72 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

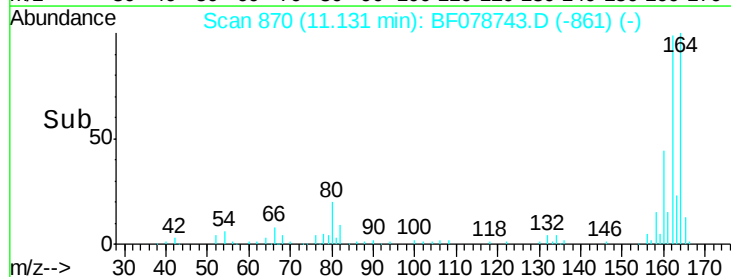
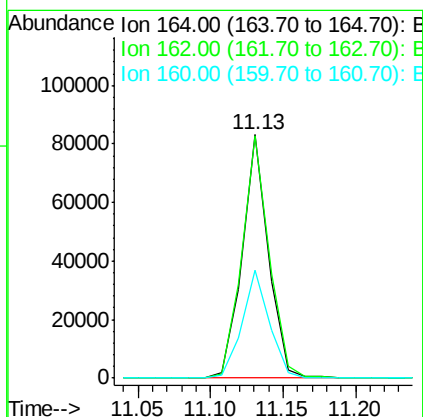
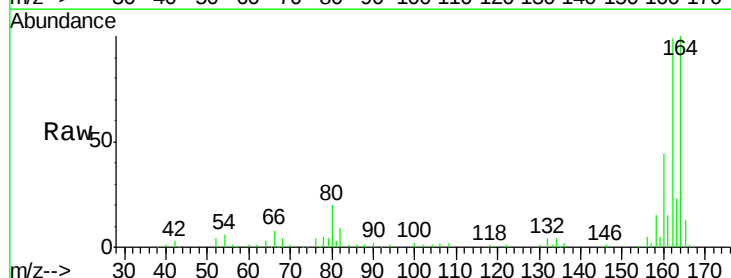
Instrument :
 BNA_F
 ClientSampleId :
 SW-017RE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.8	47.8
54	50.2	41.5	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.2	123.2
160	44.4	34.7	52.1

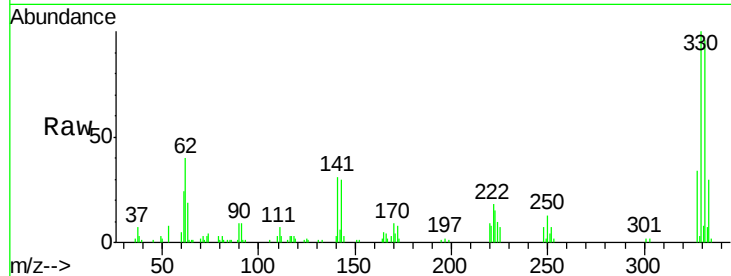




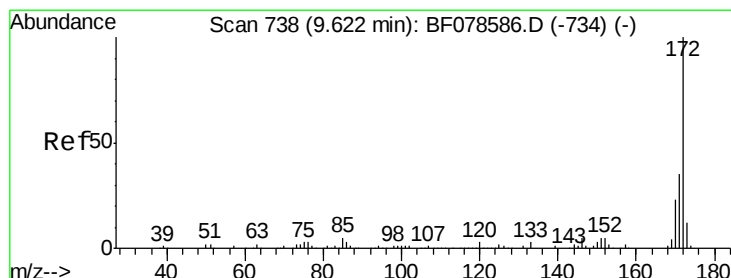
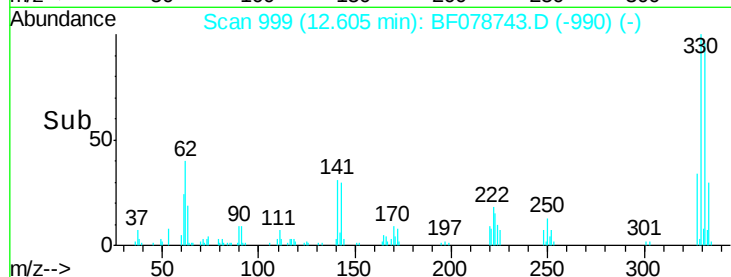
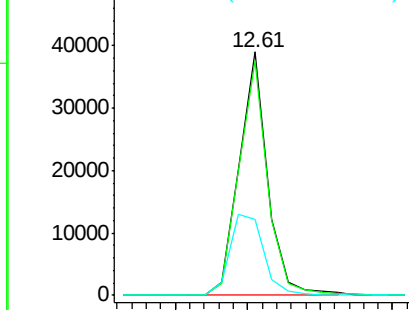
#41
 2,4,6-Tribromophenol
 Concen: 61.50 ng
 RT: 12.61 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 SW-017RE

Tgt Ion:330 Resp: 53209
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.6 117.8
 141 39.7 31.2 46.8

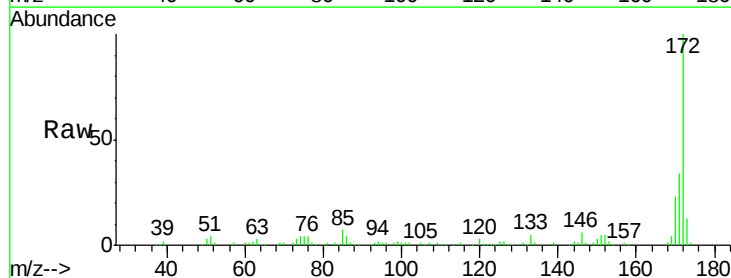


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

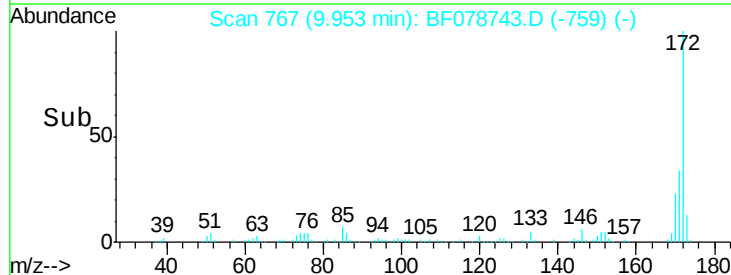
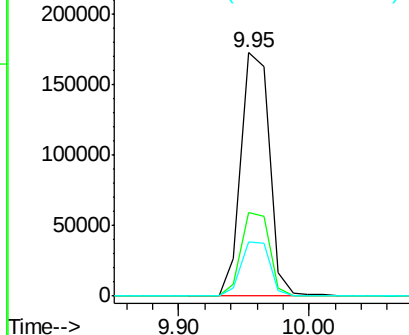


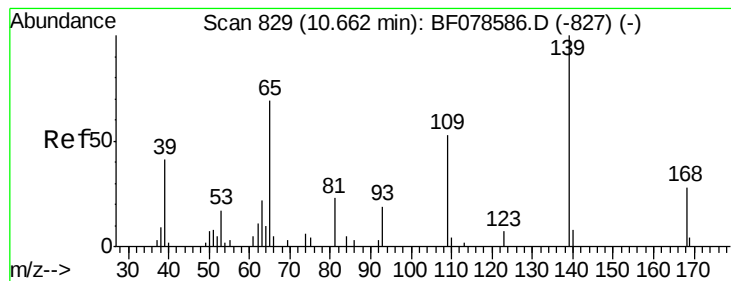
#44
 2-Fluorobiphenyl
 Concen: 35.97 ng
 RT: 9.95 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

Tgt Ion:172 Resp: 262520
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.6 42.8
 170 22.5 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





#55

4-Nitrophenol

Concen: 2.93 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.06 min

Lab File: BF078743.D

Acq: 23 Apr 2015 7:41

Instrument :

BNA_F

ClientSampleId :

SW-017RE

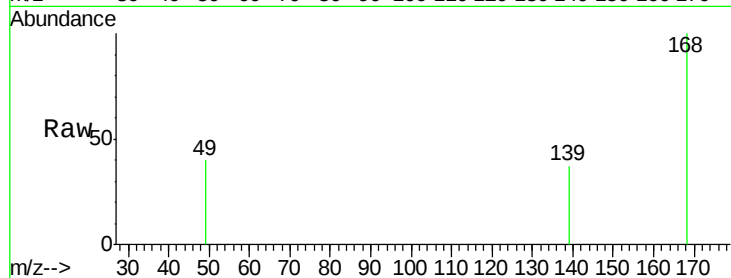
Tgt Ion:139 Resp: 227

Ion Ratio Lower Upper

139 100

109 0.0 36.7 76.7#

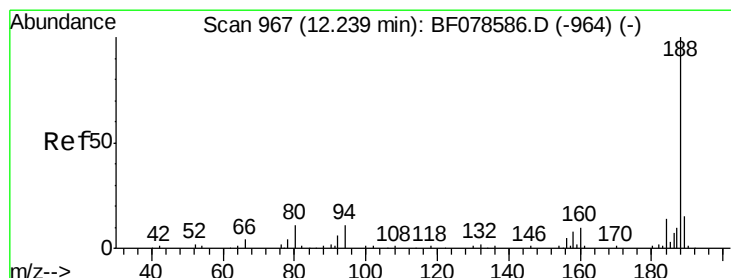
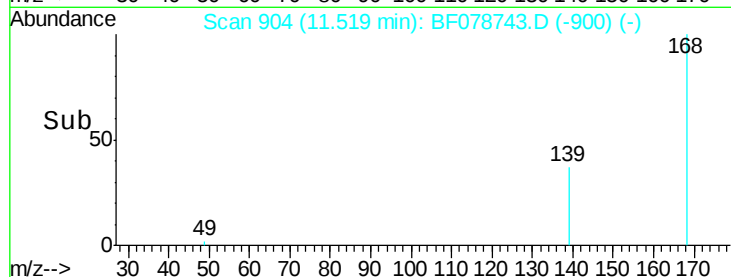
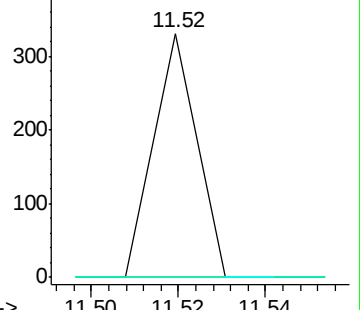
65 0.0 49.9 89.9#



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: 13.86 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF078743.D

Acq: 23 Apr 2015 7:41

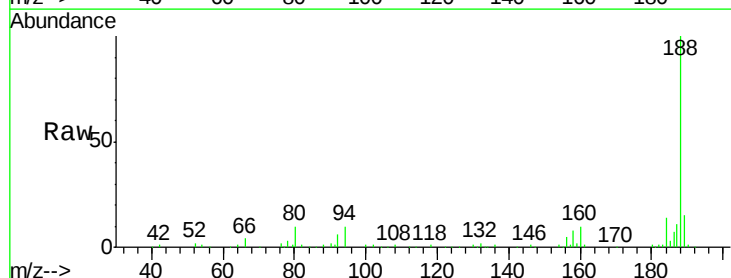
Tgt Ion:188 Resp: 220015

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

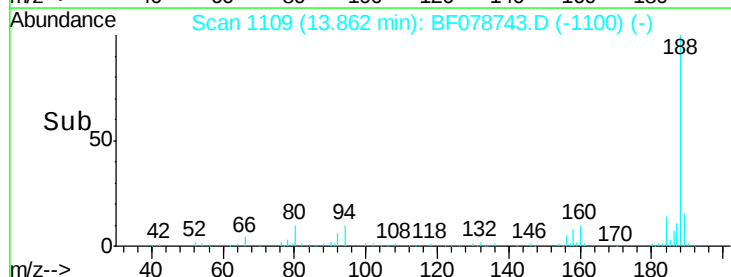
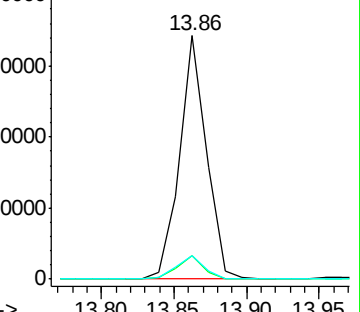
80 9.8 9.5 14.3

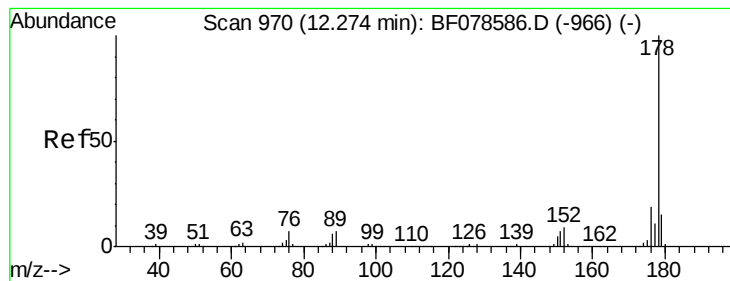


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.22 ng

RT: 13.91 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BF078743.D

Acq: 23 Apr 2015 7:41

Instrument :

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SW-017RE

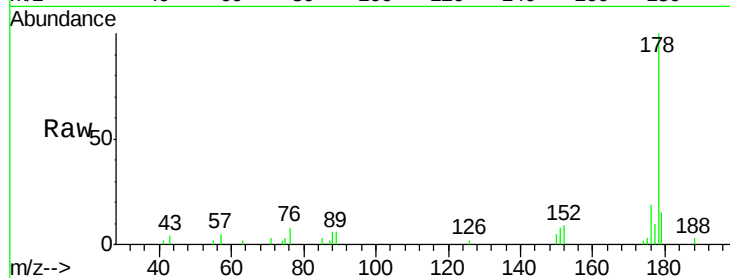
Tgt Ion:178 Resp: 28223

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

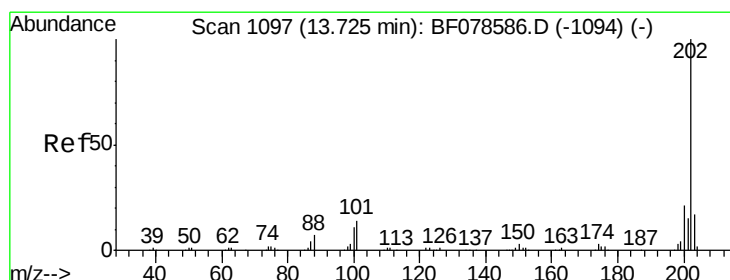
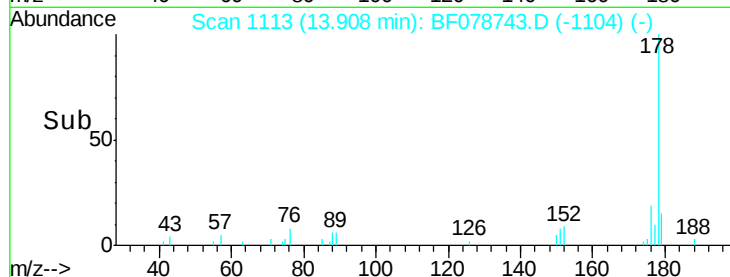
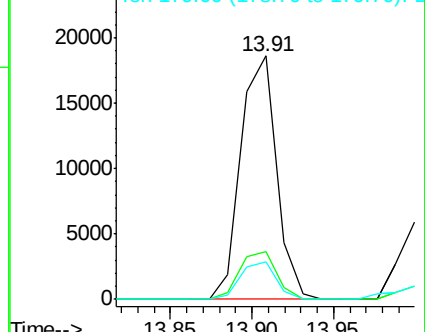
179 15.4 12.2 18.2



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: 5.65 ng

RT: 15.79 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF078743.D

Acq: 23 Apr 2015 7:41

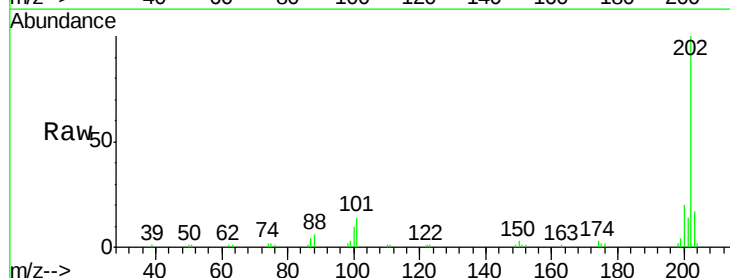
Tgt Ion:202 Resp: 75823

Ion Ratio Lower Upper

202 100

101 14.1 0.0 35.2

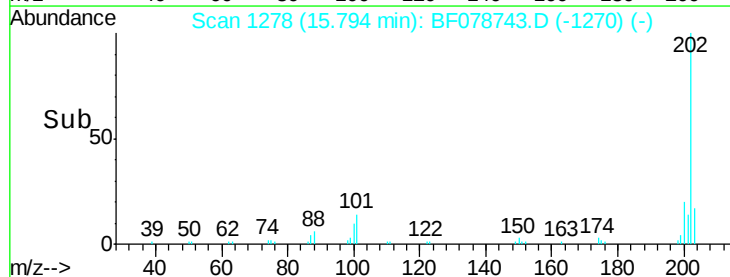
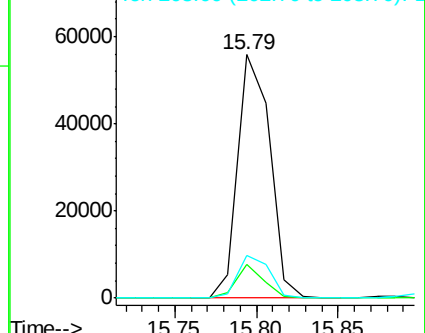
203 17.3 0.0 38.5

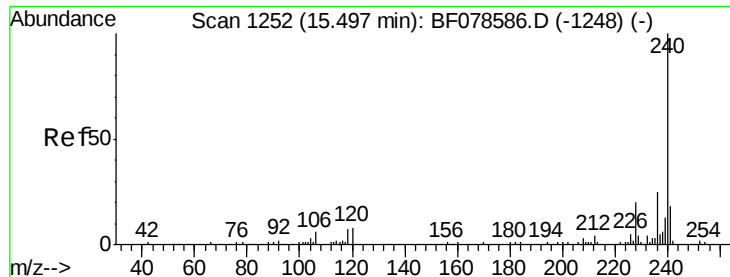


Abundance Ion 202.00 (201.70 to 202.70): E

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: 17.74 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF078743.D

Acq: 23 Apr 2015 7:41

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SW-017RE

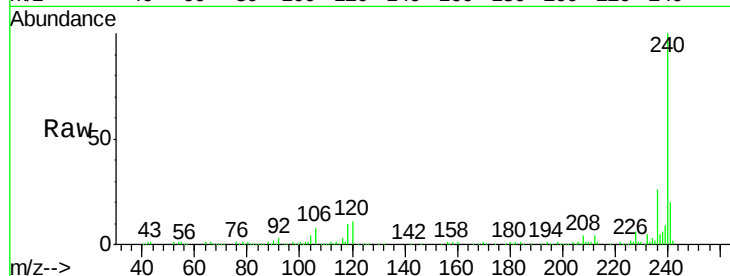
Tgt Ion:240 Resp: 230560

Ion Ratio Lower Upper

240 100

120 11.3 7.1 10.7#

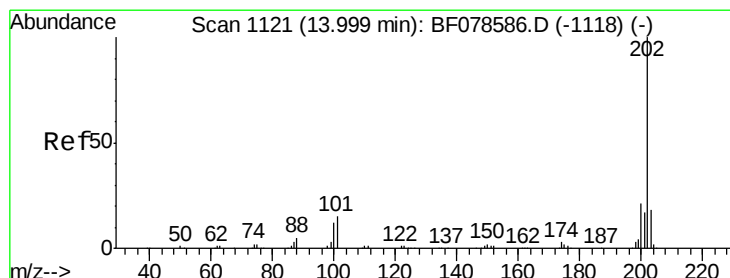
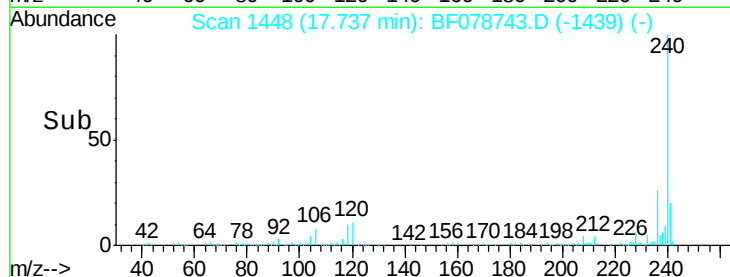
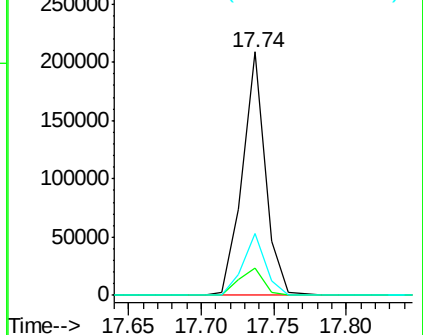
236 25.5 21.4 32.2



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: 5.11 ng

RT: 16.11 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF078743.D

Acq: 23 Apr 2015 7:41

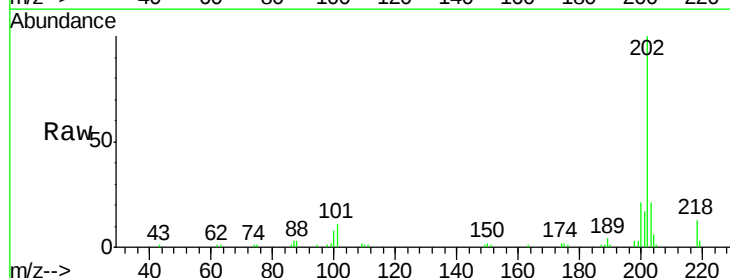
Tgt Ion:202 Resp: 73957

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

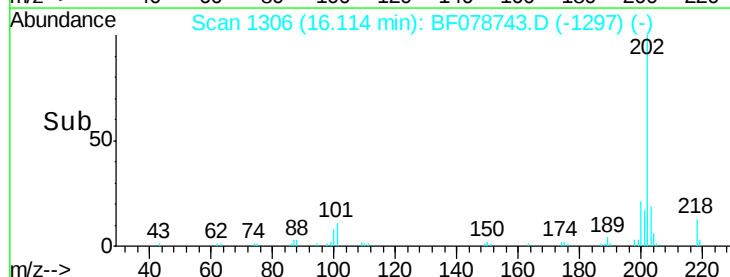
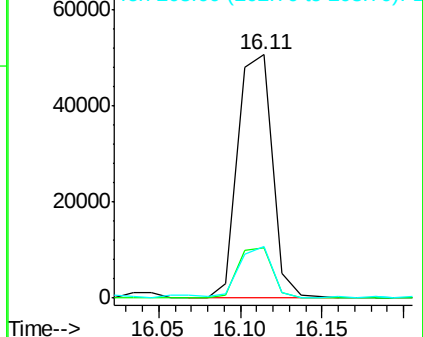
203 21.1 13.8 20.6#

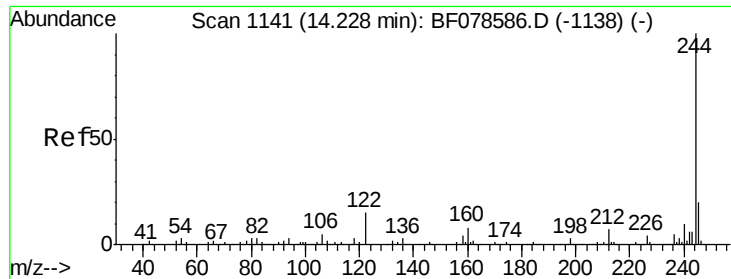


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

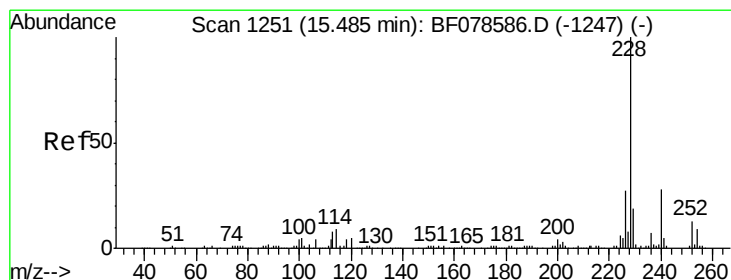
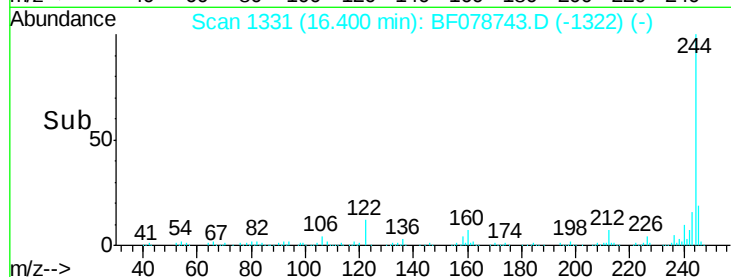
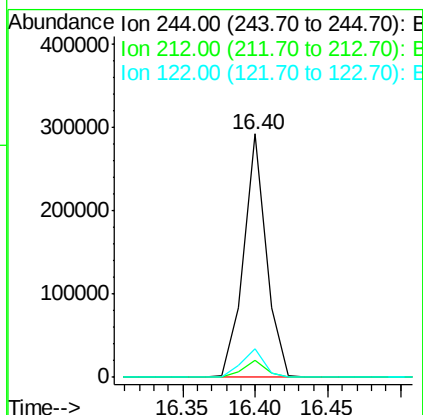
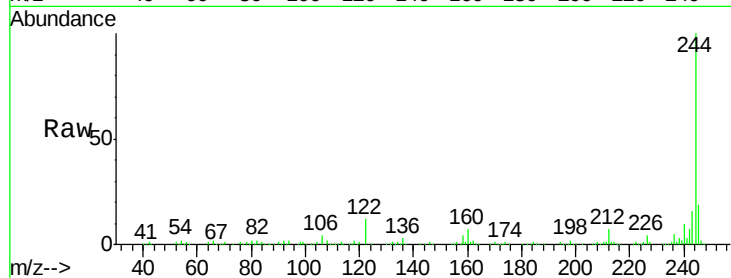




#78
 Terphenyl-d14
 Concen: 31.25 ng
 RT: 16.40 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 SW-017RE

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.0	7.4
122	11.7	7.1	10.7



#80
 Benzo(a)anthracene
 Concen: 4.12 ng
 RT: 17.73 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.3	31.9
229	19.8	15.4	23.2

