

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
 Data File : BF078700.D
 Acq On : 21 Apr 2015 23:42
 Operator : TP/IZ
 Sample : G1961-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-017

Quant Time: Apr 22 02:28:41 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

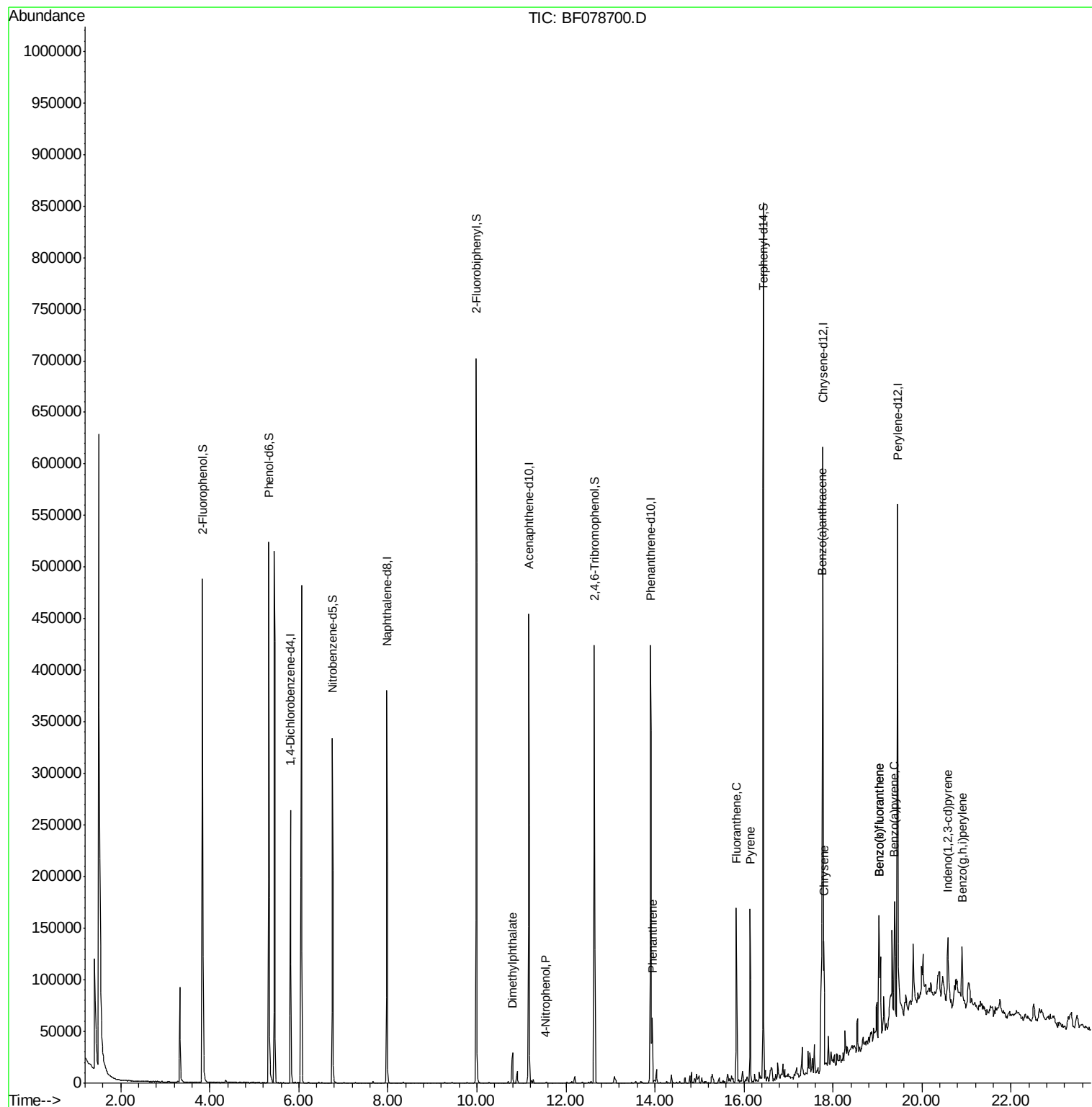
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	54450	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	245305	20.00	ng	-0.01
38) Acenaphthene-d10	11.17	164	134773	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	262287	20.00	ng	-0.01
75) Chrysene-d12	17.77	240	256421	20.00	ng	-0.01
86) Perylene-d12	19.45	264	235856	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	194916	59.02	ng	0.01
7) Phenol-d6	5.32	99	254129	61.40	ng	0.00
23) Nitrobenzene-d5	6.75	82	153224	37.86	ng	-0.01
41) 2,4,6-Tribromophenol	12.64	330	67226	60.14	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	343449	36.43	ng	-0.01
78) Terphenyl-d14	16.43	244	373494	32.91	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.80	163	21607	2.13	ng	# 99
55) 4-Nitrophenol	11.55	139	217	2.89	ng	# 18
70) Phenanthrene	13.94	178	33582	2.21	ng	98
74) Fluoranthene	15.83	202	88676	5.54	ng	95
77) Pyrene	16.14	202	80324	4.99	ng	97
80) Benzo(a)anthracene	17.76	228	54002	3.54	ng	98
82) Chrysene	17.79	228	53891	3.76	ng	98
85) Indeno(1,2,3-cd)pyrene	20.58	276	34885	2.14	ng	# 82
87) Benzo(b)fluoranthene	19.04	252	94274	6.47	ng	# 94
88) Benzo(k)fluoranthene	19.04	252	95118	7.34	ng	95
89) Benzo(a)pyrene	19.38	252	48744	3.83	ng	# 91
91) Benzo(g,h,i)perylene	20.90	276	32110	2.51	ng	96

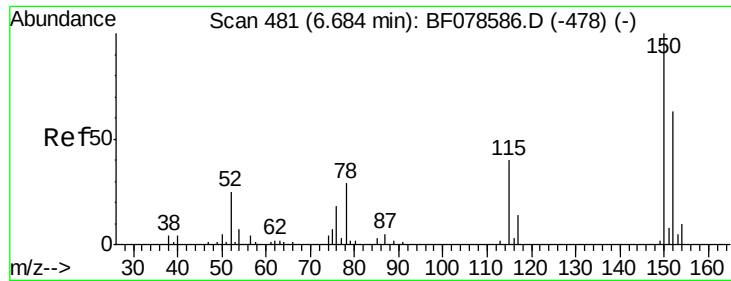
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
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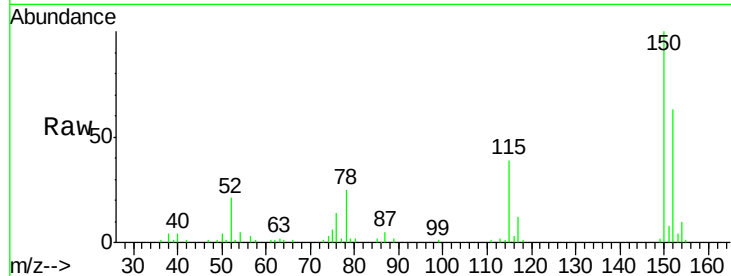


#1

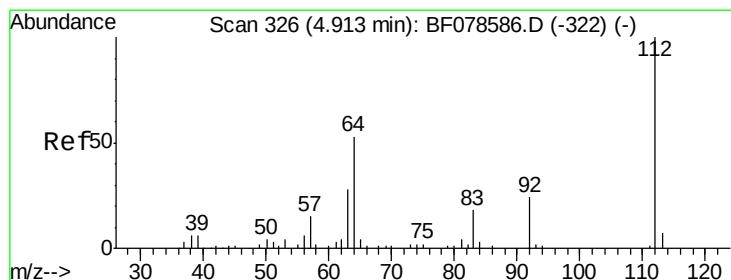
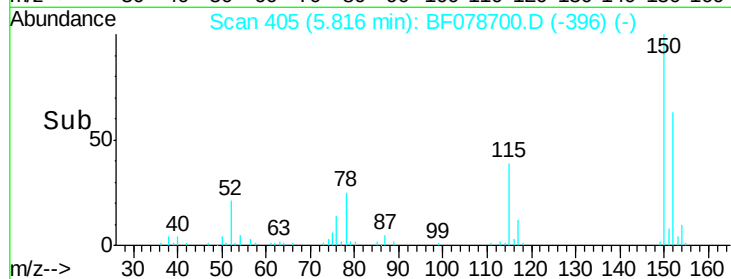
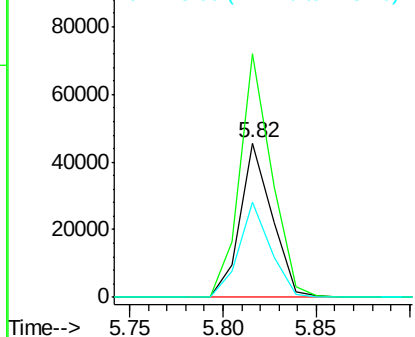
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF078700.D
Acq: 21 Apr 2015 23:42

Instrument :
BNA_F
ClientSampleId :
SW-017

Tgt Ion:152 Resp: 54450
Ion Ratio Lower Upper
152 100
150 158.0 125.9 188.9
115 61.4 52.7 79.1



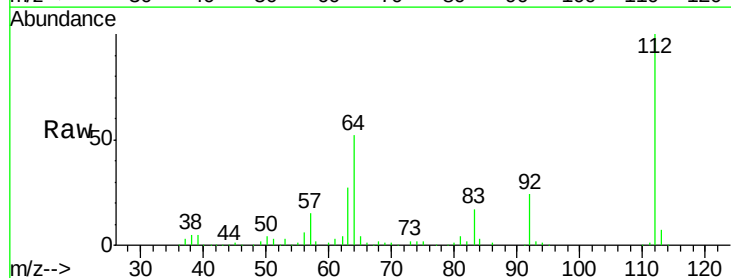
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



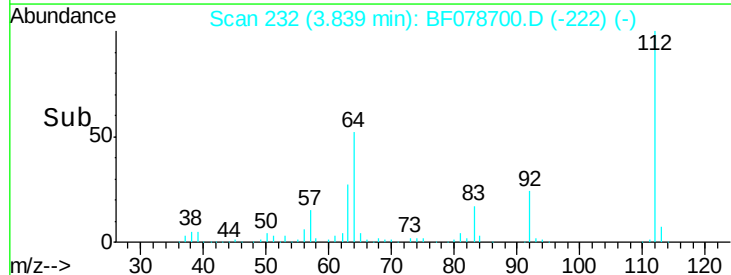
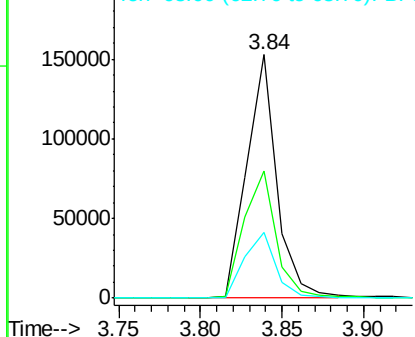
#5

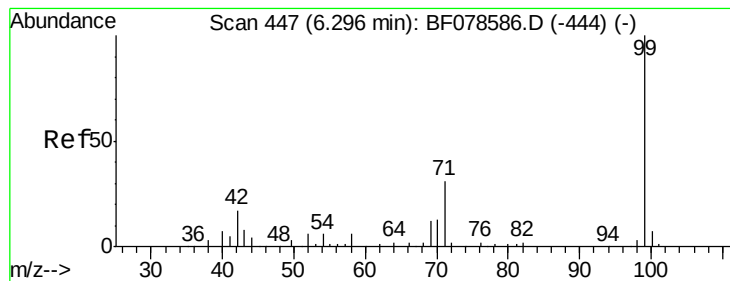
2-Fluorophenol
Concen: 59.02 ng
RT: 3.84 min Scan# 232
Delta R.T. 0.01 min
Lab File: BF078700.D
Acq: 21 Apr 2015 23:42

Tgt Ion:112 Resp: 194916
Ion Ratio Lower Upper
112 100
64 52.0 39.9 59.9
63 27.1 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: 61.40 ng

RT: 5.32 min Scan# 362

Delta R.T. 0.00 min

Lab File: BF078700.D

Acq: 21 Apr 2015 23:42

Instrument :

BNA_F

ClientSampleId :

SW-017

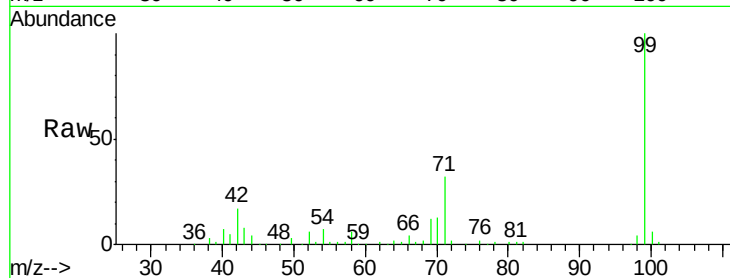
Tgt Ion: 99 Resp: 254129

Ion Ratio Lower Upper

99 100

42 17.0 14.8 22.2

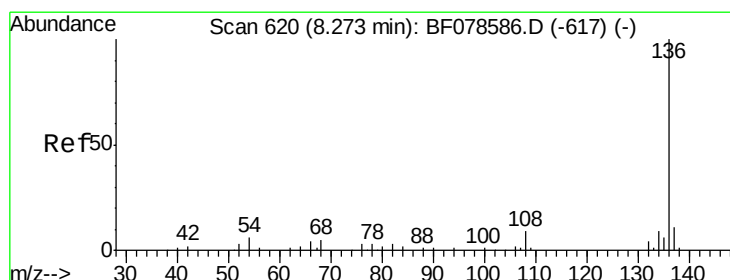
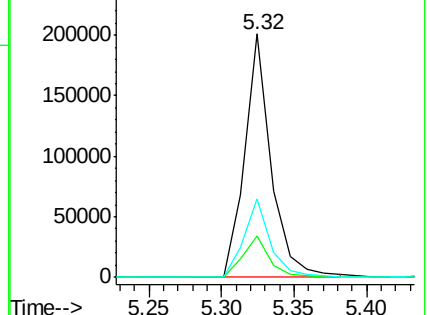
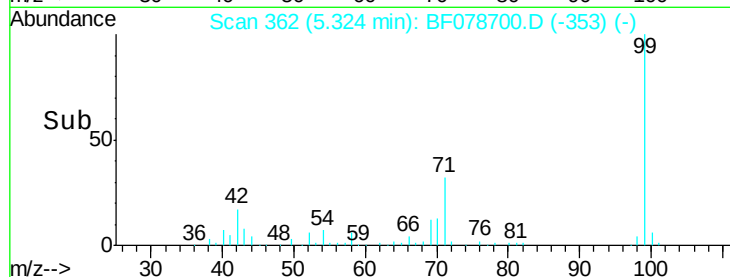
71 32.2 26.6 39.8



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: BF078700.D

Acq: 21 Apr 2015 23:42

Tgt Ion: 136 Resp: 245305

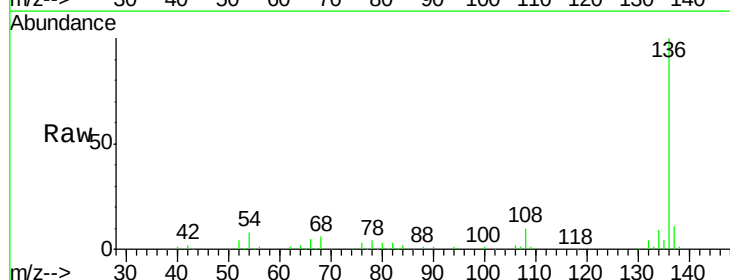
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.7 7.0 10.6

68 5.8 5.4 8.2

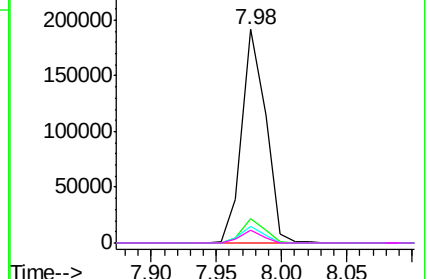
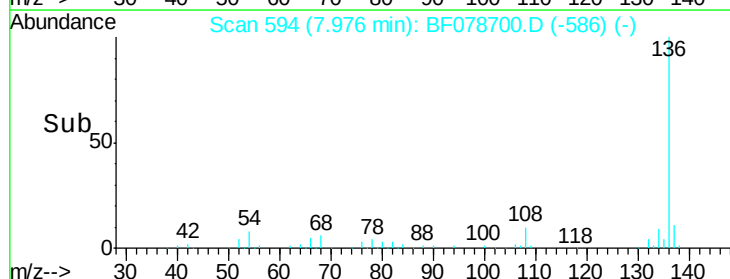


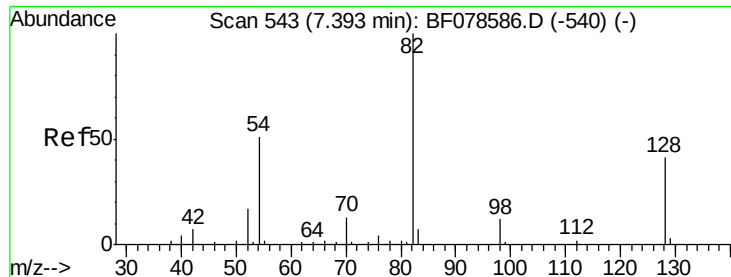
Abundance Ion 136.00 (135.70 to 136.70): E

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

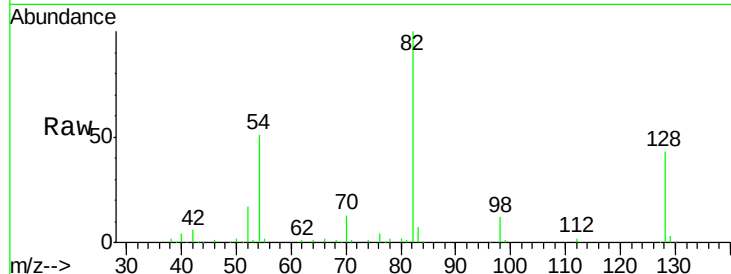




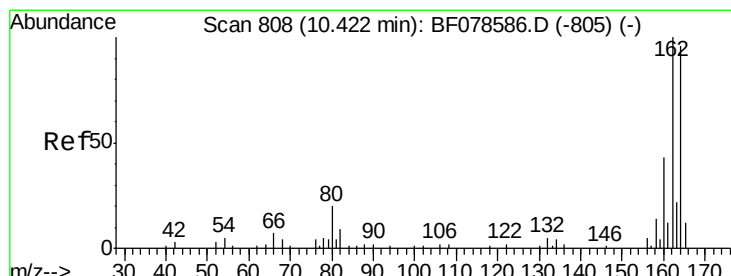
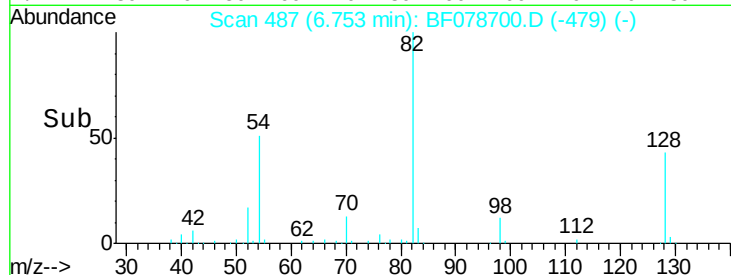
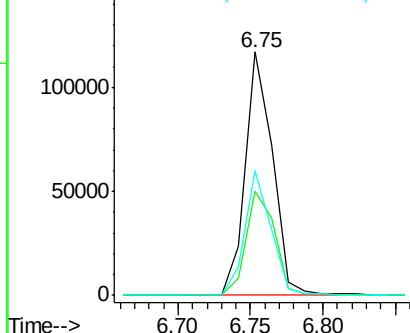
#23
 Nitrobenzene-d5
 Concen: 37.86 ng
 RT: 6.75 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF078700.D
 Acq: 21 Apr 2015 23:42

Instrument :
 BNA_F
 ClientSampleId :
 SW-017

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.8	47.8
54	51.1	41.5	62.3

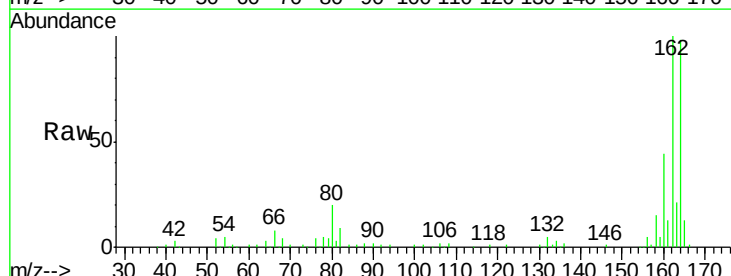


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

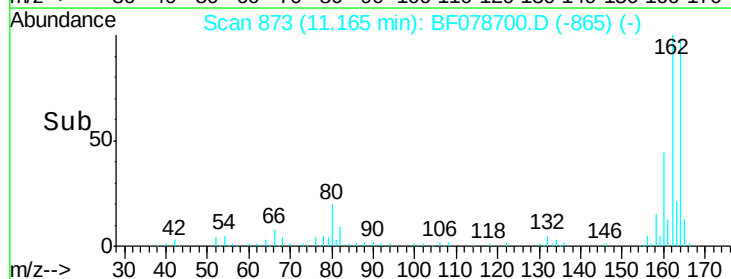
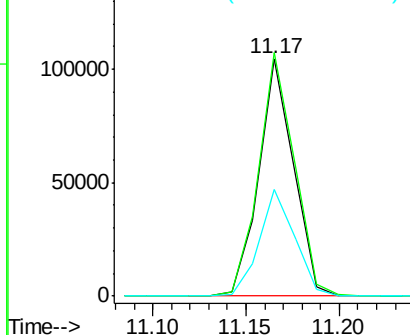


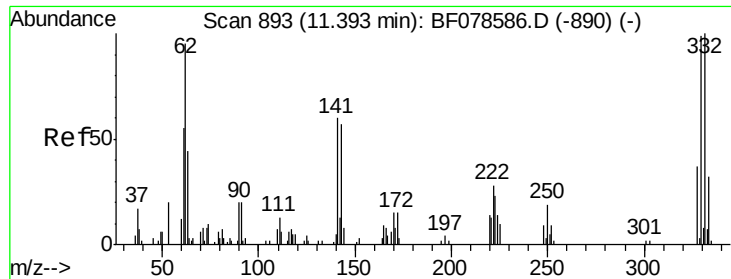
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF078700.D
 Acq: 21 Apr 2015 23:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.2	123.2
160	44.6	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

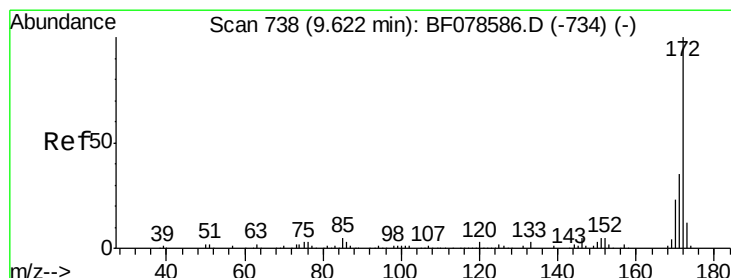
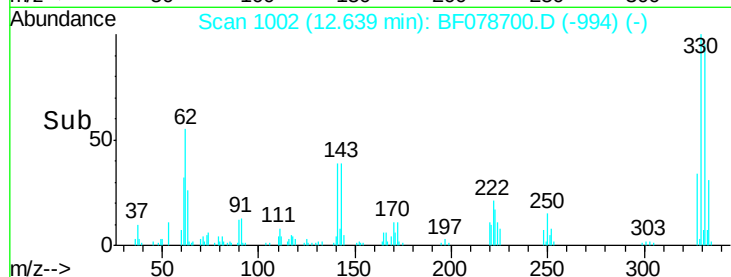
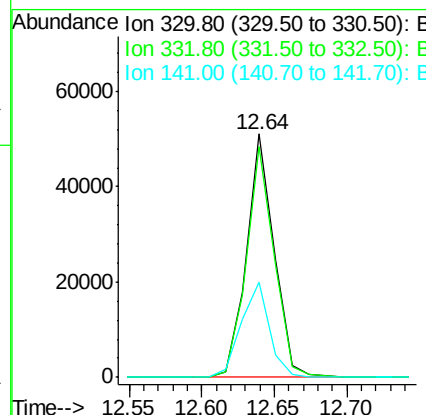
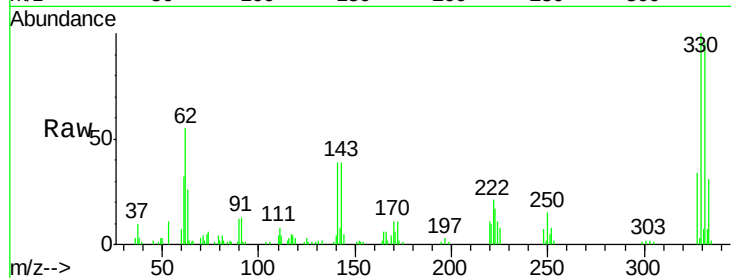




#41
 2,4,6-Tribromophenol
 Concen: 60.14 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF078700.D
 Acq: 21 Apr 2015 23:42

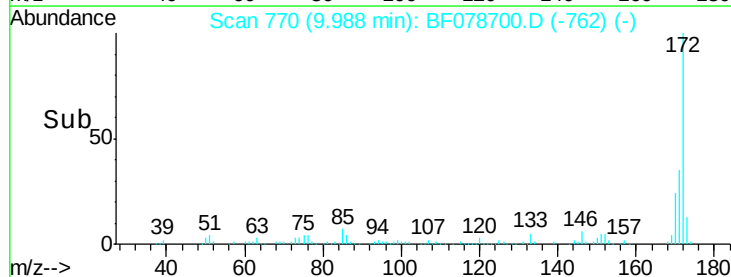
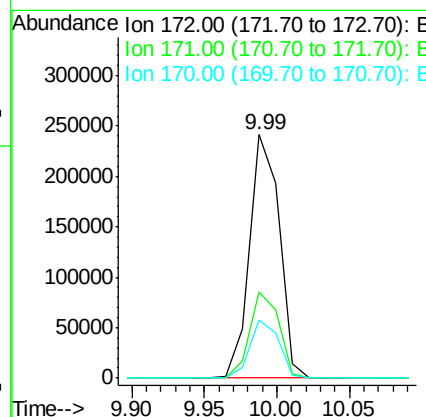
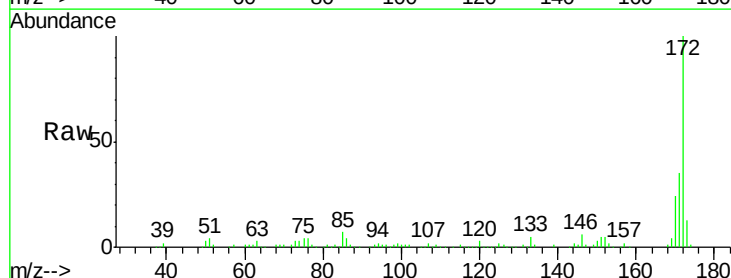
Instrument :
 BNA_F
 ClientSampleId :
 SW-017

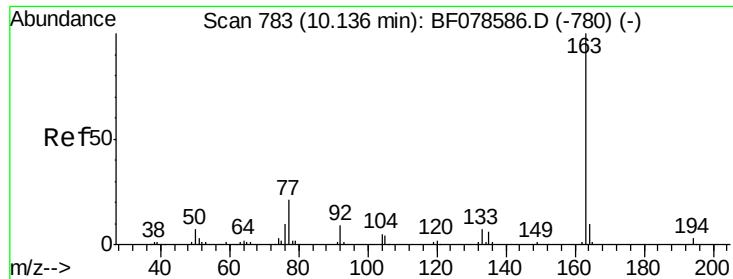
Tgt Ion: 330 Resp: 67226
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.6 117.8
 141 40.0 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 36.43 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF078700.D
 Acq: 21 Apr 2015 23:42

Tgt Ion: 172 Resp: 343449
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 24.0 18.5 27.7





#49

Dimethylphthalate

Concen: 2.13 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF078700.D

Acq: 21 Apr 2015 23:42

Instrument :

BNA_F

ClientSampleId :

SW-017

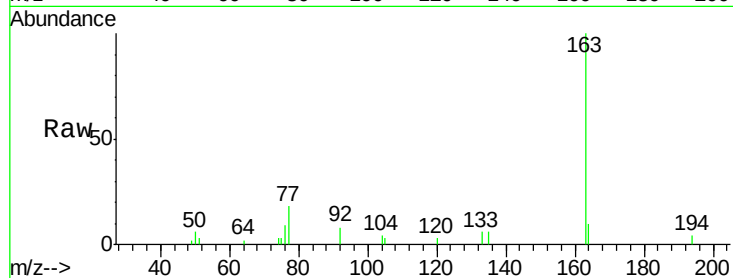
Tgt Ion:163 Resp: 21607

Ion Ratio Lower Upper

163 100

194 3.6 2.3 3.5#

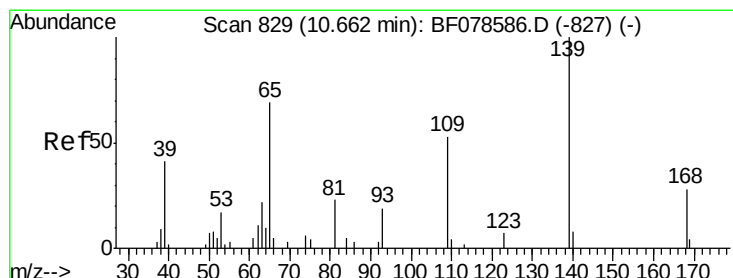
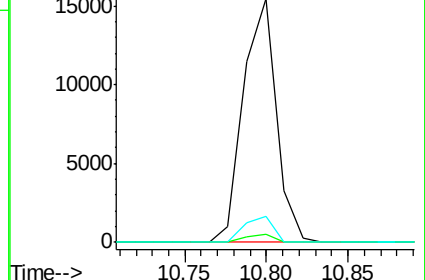
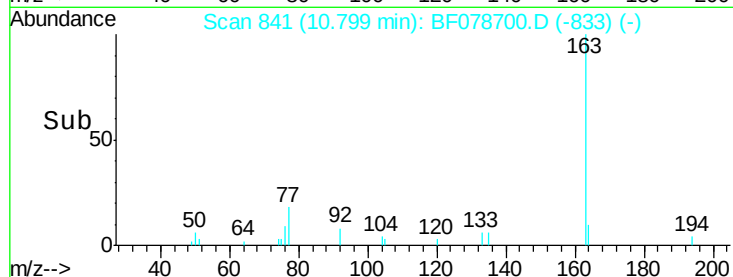
164 10.5 8.6 13.0



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: 2.89 ng

RT: 11.55 min Scan# 907

Delta R.T. -0.06 min

Lab File: BF078700.D

Acq: 21 Apr 2015 23:42

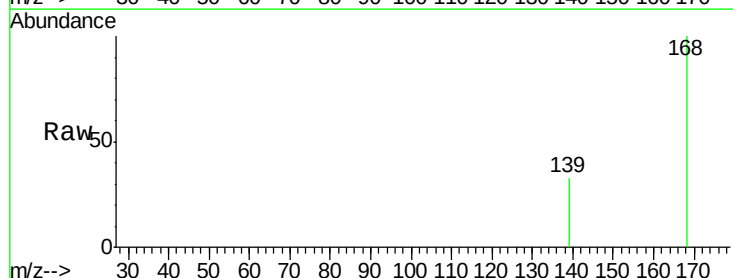
Tgt Ion:139 Resp: 217

Ion Ratio Lower Upper

139 100

109 0.0 36.7 76.7#

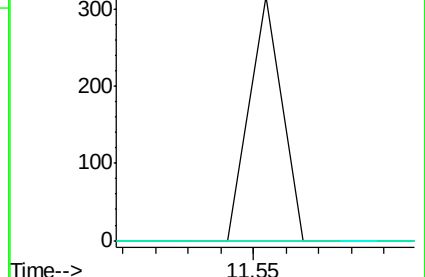
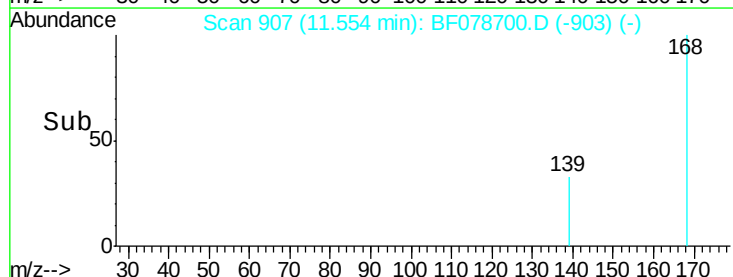
65 0.0 49.9 89.9#

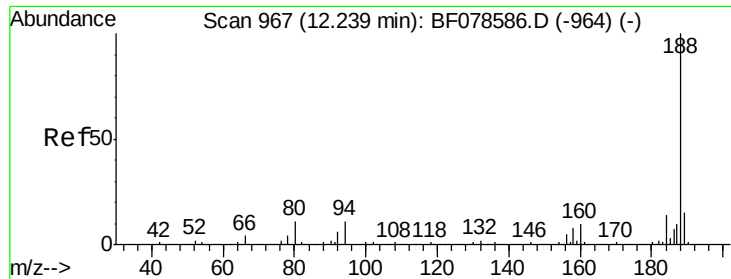


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

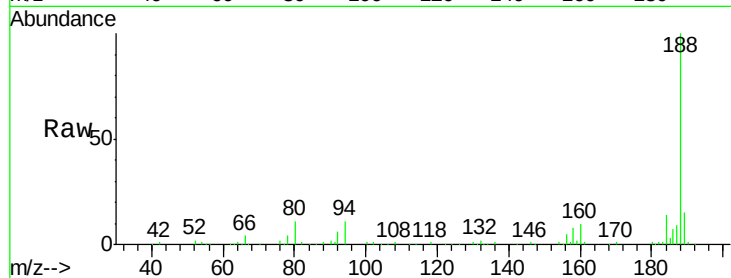




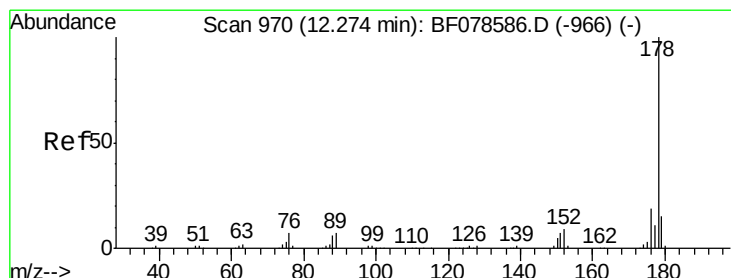
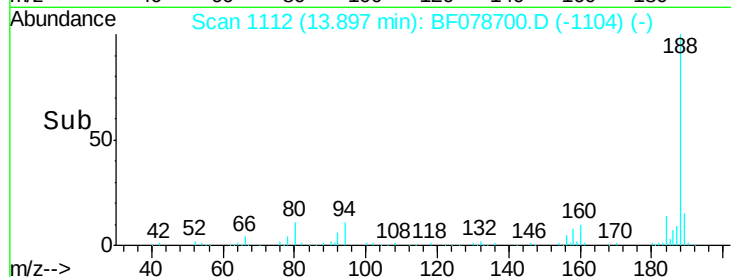
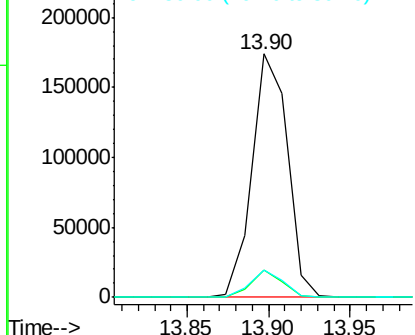
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078700.D
Acq: 21 Apr 2015 23:42

Instrument :
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SW-017

Tgt Ion:188 Resp: 262287
Ion Ratio Lower Upper
188 100
94 11.0 9.0 13.4
80 11.4 9.5 14.3

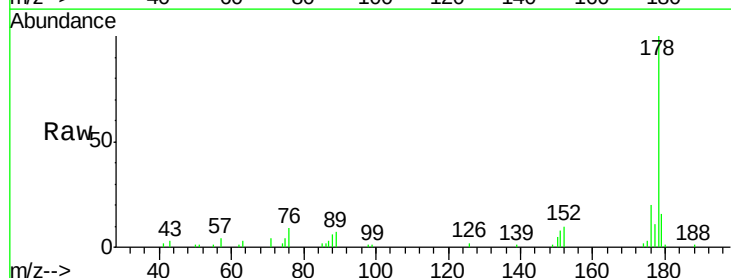


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

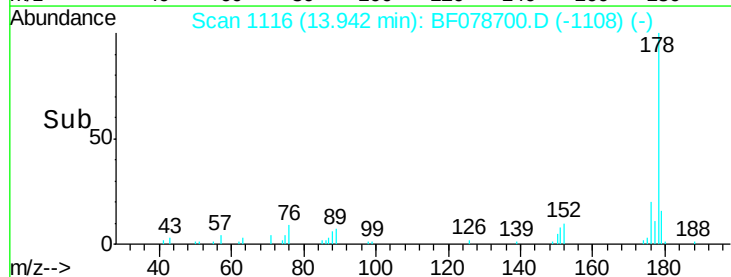
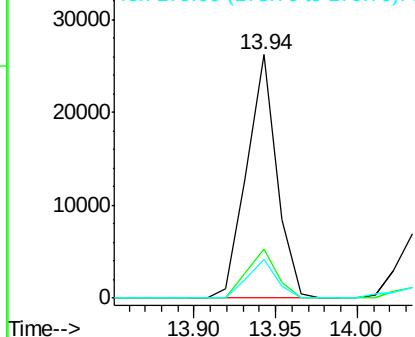


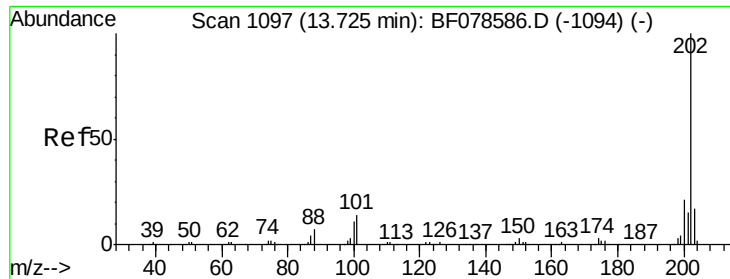
#70
Phenanthrene
Concen: 2.21 ng
RT: 13.94 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF078700.D
Acq: 21 Apr 2015 23:42

Tgt Ion:178 Resp: 33582
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.0
179 16.1 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

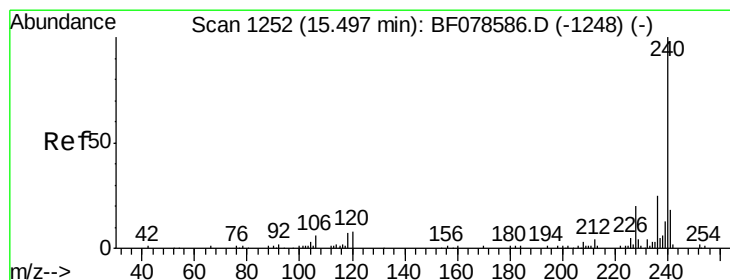
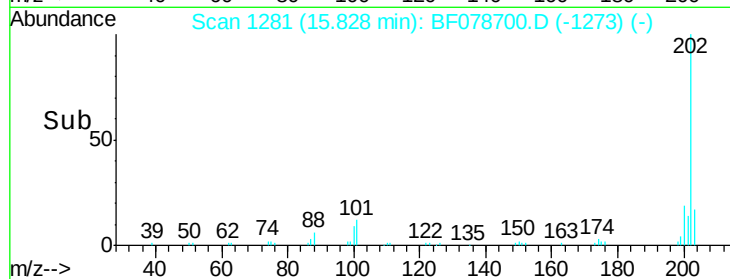
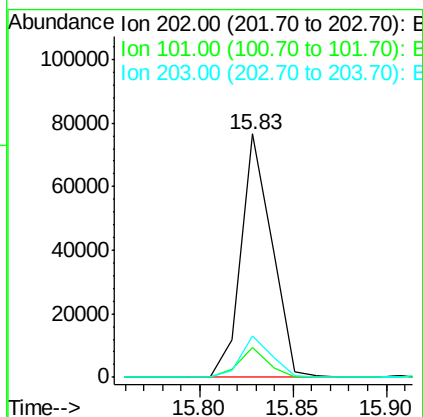
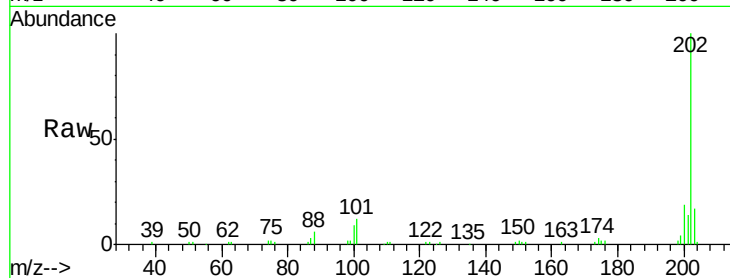




#74
Fluoranthene
Concen: 5.54 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF078700.D
Acq: 21 Apr 2015 23:42

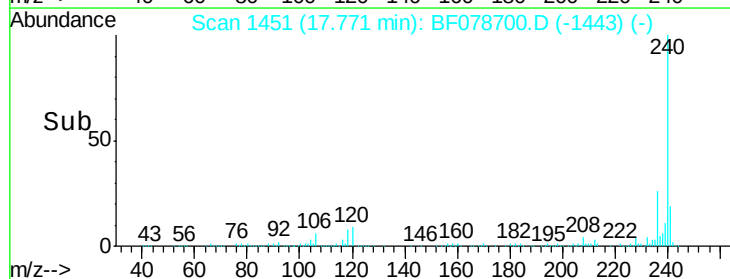
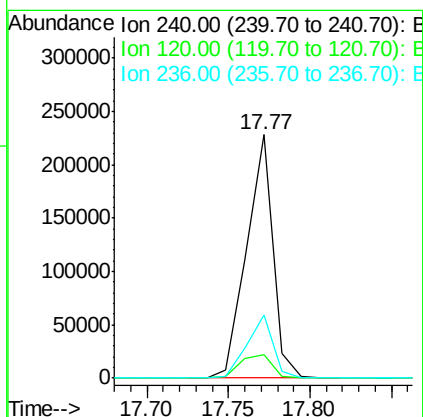
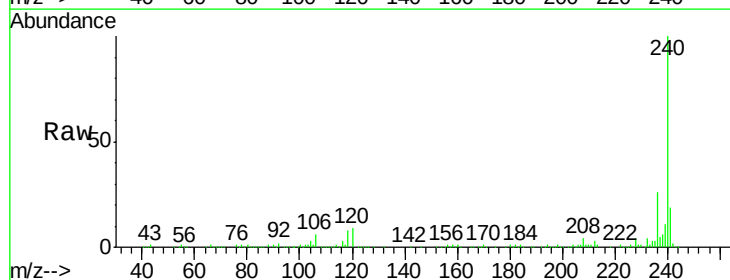
Instrument :
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SW-017

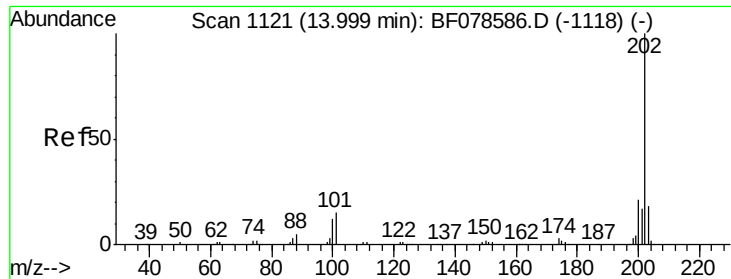
Tgt Ion: 202 Resp: 88676
Ion Ratio Lower Upper
202 100
101 12.2 0.0 35.2
203 17.1 0.0 38.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF078700.D
Acq: 21 Apr 2015 23:42

Tgt Ion: 240 Resp: 256421
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 25.8 21.4 32.2





#77

Pyrene

Concen: 4.99 ng

RT: 16.14 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF078700.D

Acq: 21 Apr 2015 23:42

Instrument :

BNA_F

ClientSampleId :

SW-017

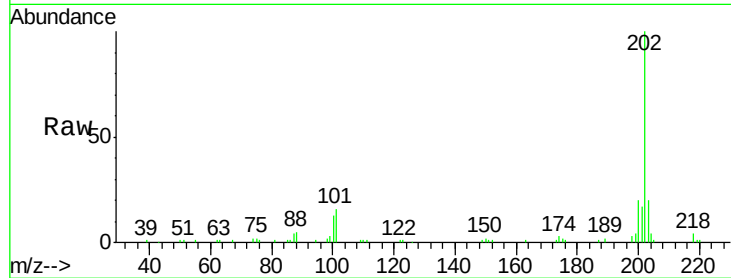
Tgt Ion:202 Resp: 80324

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

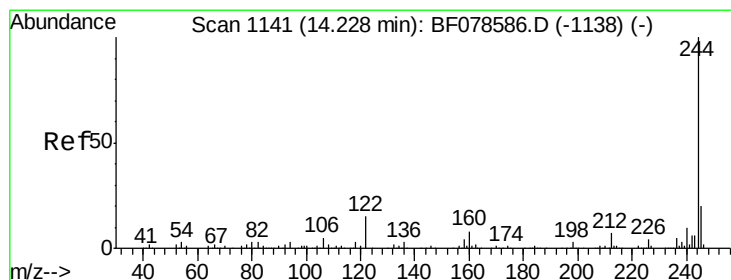
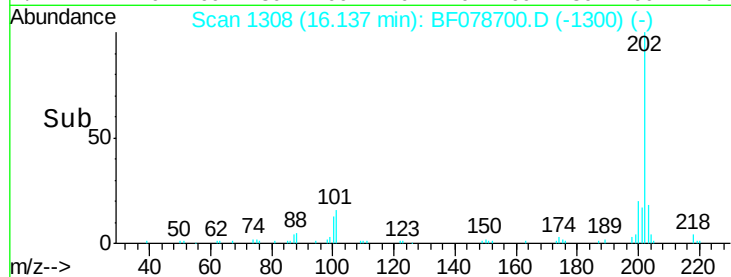
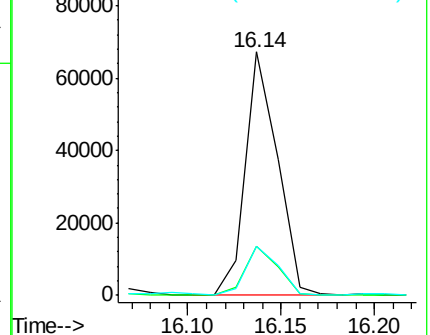
203 20.0 13.8 20.6



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: 32.91 ng

RT: 16.43 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF078700.D

Acq: 21 Apr 2015 23:42

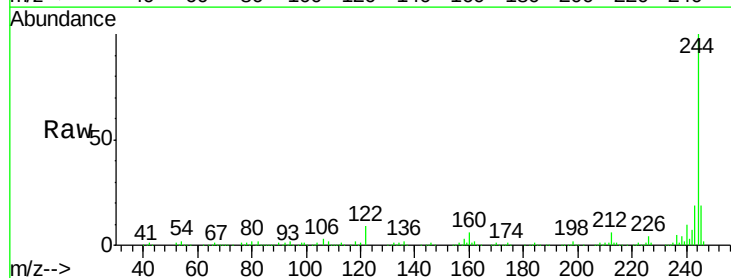
Tgt Ion:244 Resp: 373494

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

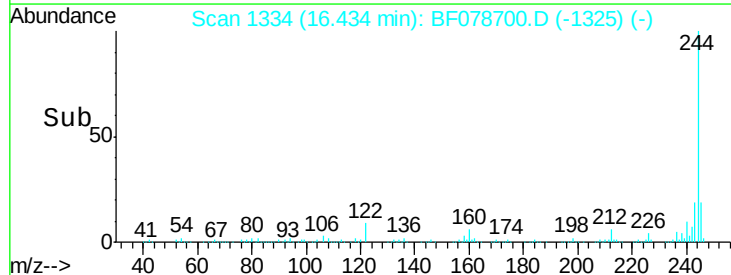
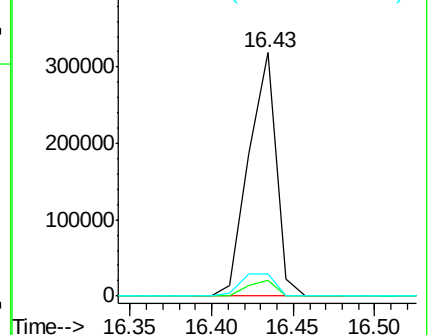
122 9.4 7.1 10.7

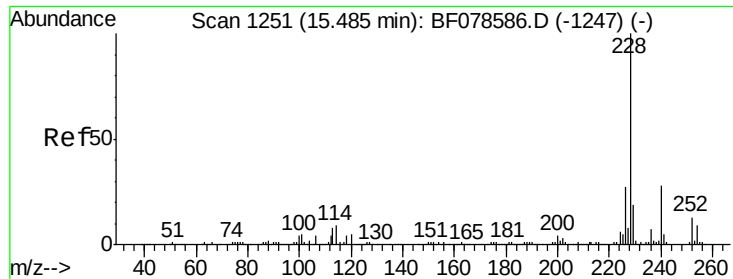


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 3.54 ng

RT: 17.76 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF078700.D

Acq: 21 Apr 2015 23:42

Instrument :

BNA_F

ClientSampled :

SW-017

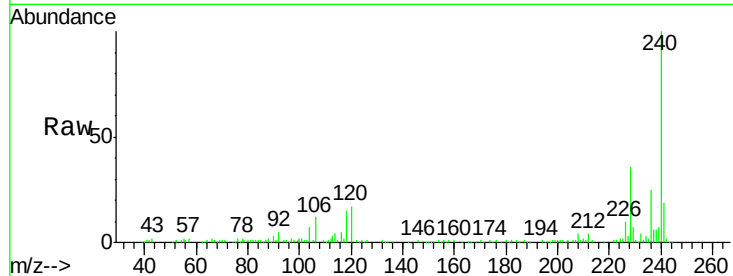
Tgt Ion:228 Resp: 54002

Ion Ratio Lower Upper

228 100

226 27.8 21.3 31.9

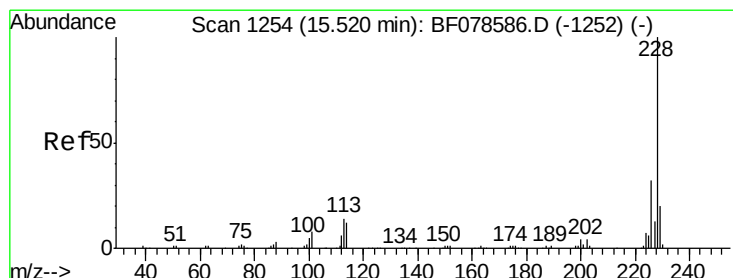
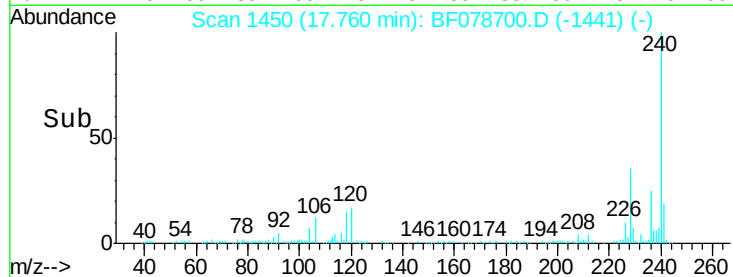
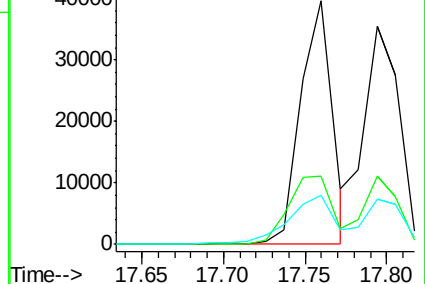
229 20.1 15.4 23.2



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: 3.76 ng

RT: 17.79 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF078700.D

Acq: 21 Apr 2015 23:42

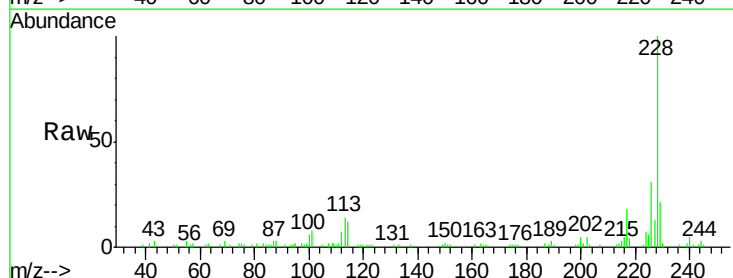
Tgt Ion:228 Resp: 53891

Ion Ratio Lower Upper

228 100

226 31.2 24.2 36.4

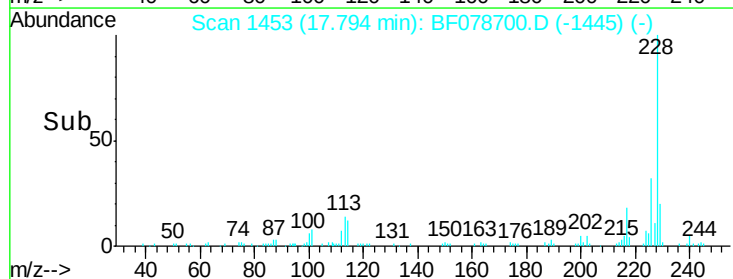
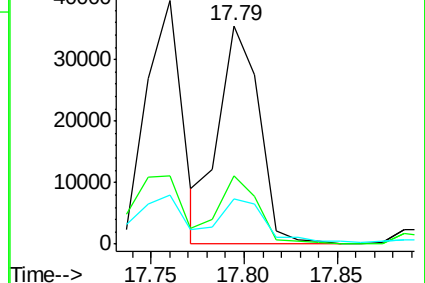
229 20.8 15.8 23.8

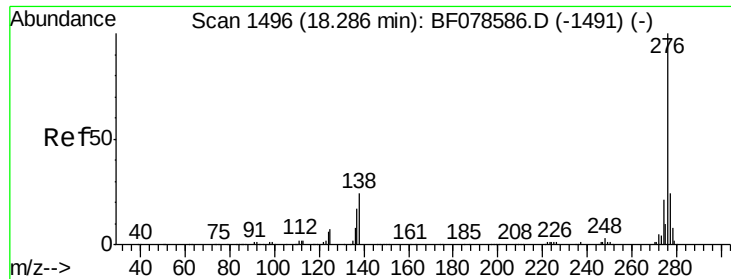


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.14 ng

RT: 20.58 min Scan# 1697

Delta R.T. -0.08 min

Lab File: BF078700.D

Acq: 21 Apr 2015 23:42

Instrument :

BNA_F

ClientSampleId :

SW-017

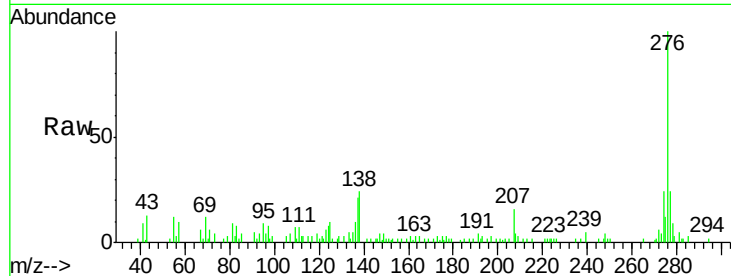
Tgt Ion:276 Resp: 34885

Ion Ratio Lower Upper

276 100

138 26.9 16.9 25.3#

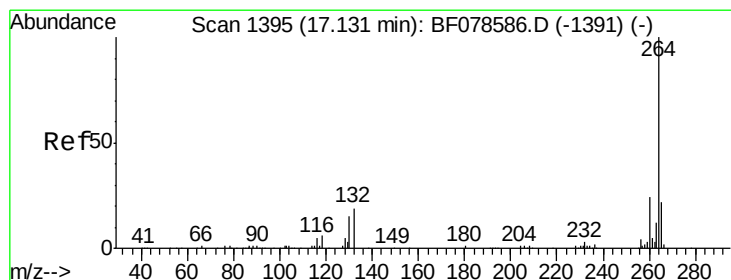
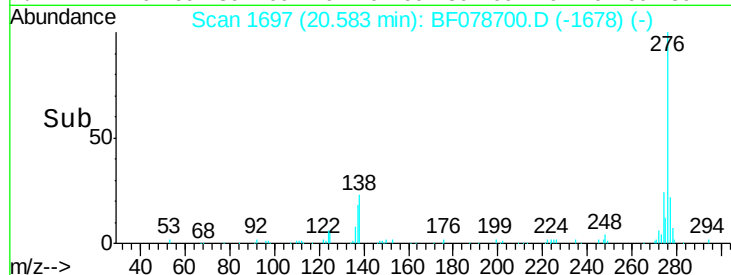
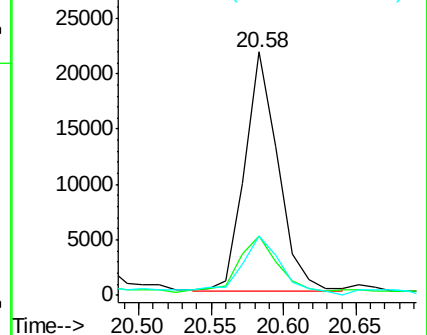
277 31.2 15.8 23.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 19.45 min Scan# 1598

Delta R.T. -0.03 min

Lab File: BF078700.D

Acq: 21 Apr 2015 23:42

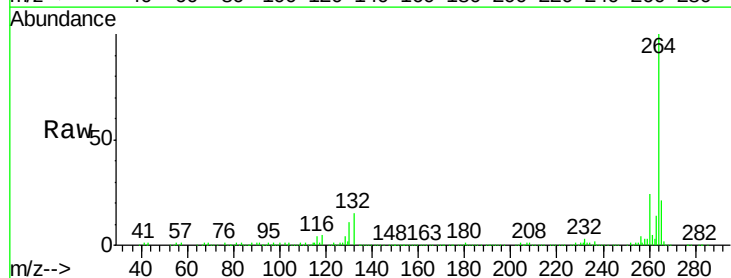
Tgt Ion:264 Resp: 235856

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 21.0 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

