

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
 Data File : BF079319.D
 Acq On : 18 May 2015 22:41
 Operator : TP/IZ
 Sample : G2272-03 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-12-D1

Quant Time: May 19 01:41:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 01:26:54 2015
 Response via : Initial Calibration

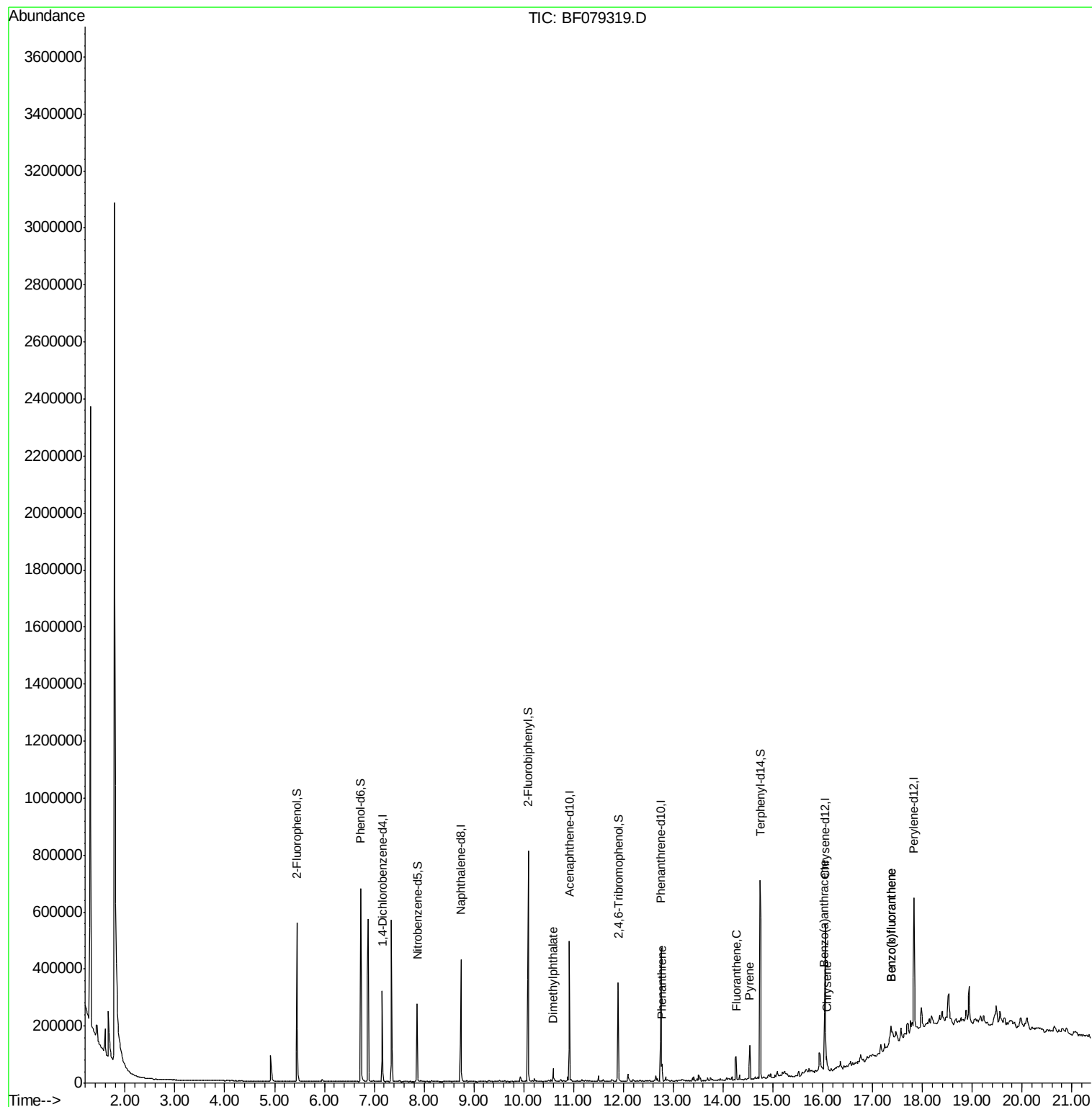
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	47896	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	200759	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	97444	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	180625	20.00	ng	0.00
75) Chrysene-d12	16.05	240	193518	20.00	ng	-0.01
86) Perylene-d12	17.83	264	208374	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	170632	61.32	ng	0.00
7) Phenol-d6	6.73	99	240048	65.27	ng	-0.01
23) Nitrobenzene-d5	7.86	82	133134	38.11	ng	0.00
41) 2,4,6-Tribromophenol	11.90	330	63094	59.85	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	284709	40.71	ng	0.00
78) Terphenyl-d14	14.74	244	316107	39.11	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	10.59	163	18511	2.59	ng	99
70) Phenanthrene	12.78	178	28492	2.82	ng	99
74) Fluoranthene	14.26	202	50800	4.82	ng	93
77) Pyrene	14.54	202	52362	4.70	ng	99
80) Benzo(a)anthracene	16.03	228	27142	2.56	ng	92
82) Chrysene	16.08	228	20825	2.04	ng	96
87) Benzo(b)fluoranthene	17.37	252	40393	3.54	ng	# 92
88) Benzo(k)fluoranthene	17.37	252	40393	3.66	ng	# 87

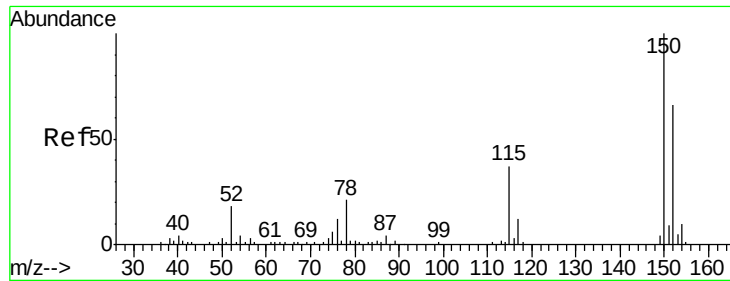
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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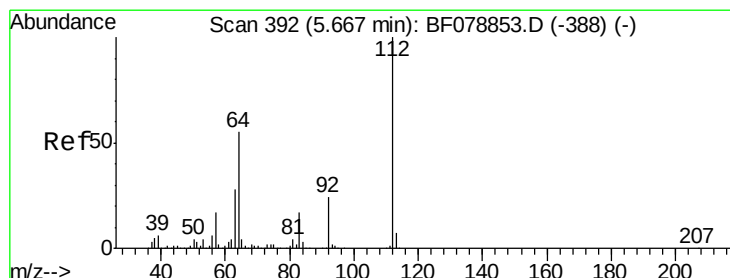
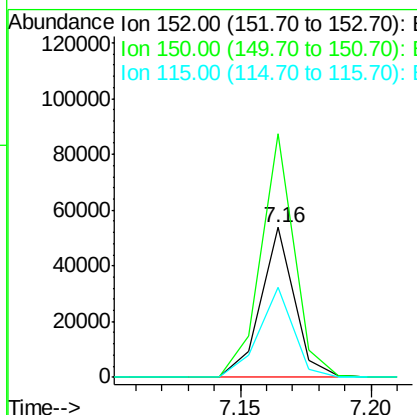
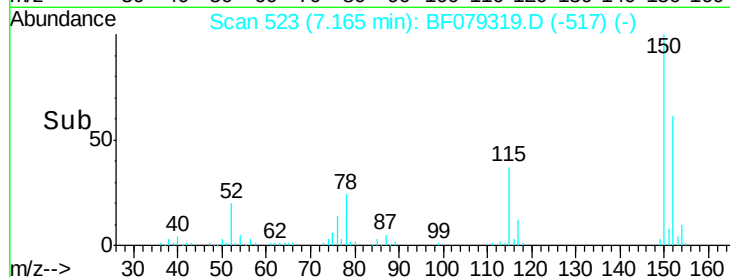
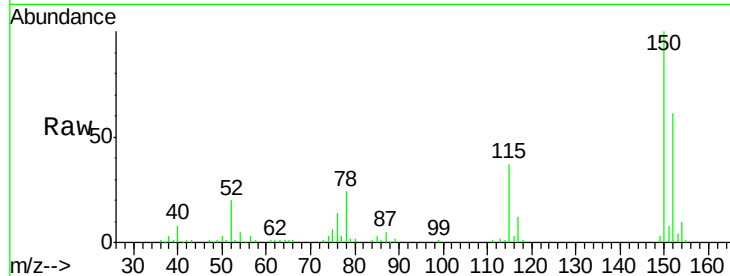




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.16 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF079319.D
 Acq: 18 May 2015 22:41

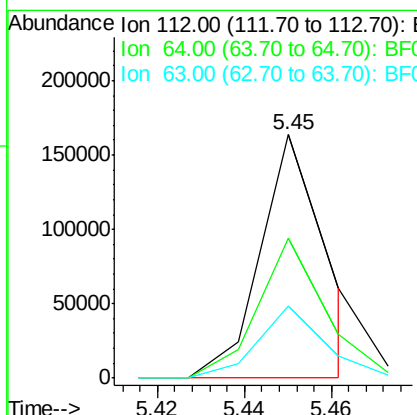
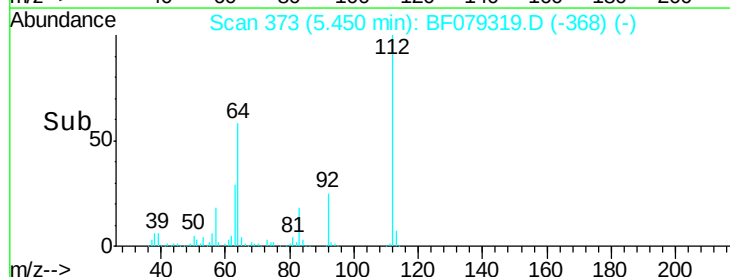
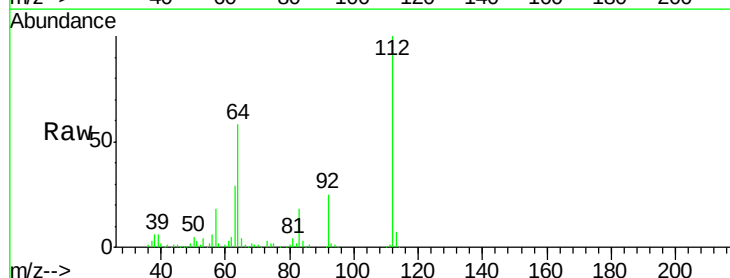
Instrument :
 BNA_F
 ClientSampleId :
 WC-12-D1

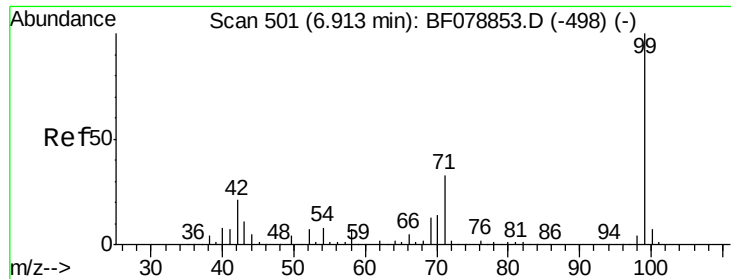
Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.7	123.8	185.8
115	59.9	49.4	74.0



#5
 2-Fluorophenol
 Concen: 61.32 ng
 RT: 5.45 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: BF079319.D
 Acq: 18 May 2015 22:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	44.2	66.2
63	29.5	22.7	34.1





#7

Phenol-d6

Concen: 65.27 ng

RT: 6.73 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF079319.D

Acq: 18 May 2015 22:41

Instrument :

BNA_F

ClientSampleId :

WC-12-D1

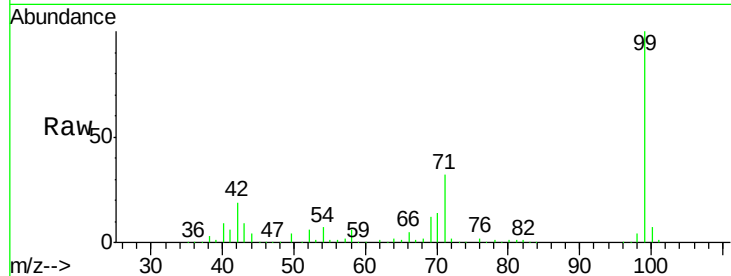
Tgt Ion: 99 Resp: 240048

Ion Ratio Lower Upper

99 100

42 18.7 17.1 25.7

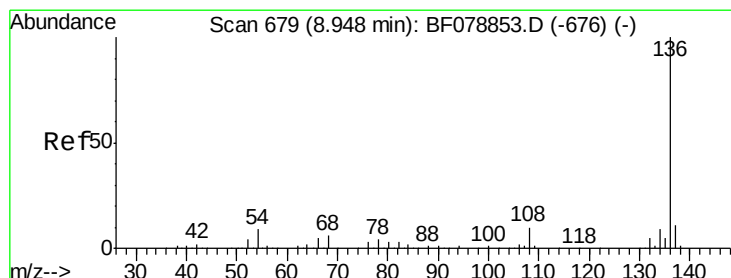
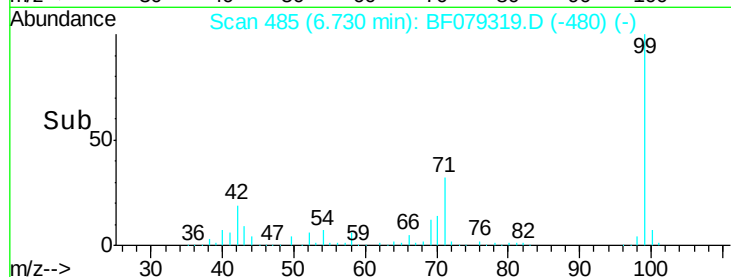
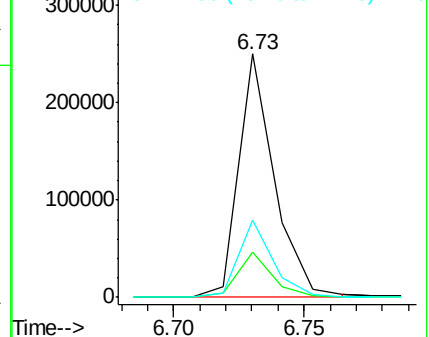
71 31.8 26.3 39.5



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: 8.74 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF079319.D

Acq: 18 May 2015 22:41

Tgt Ion: 136 Resp: 200759

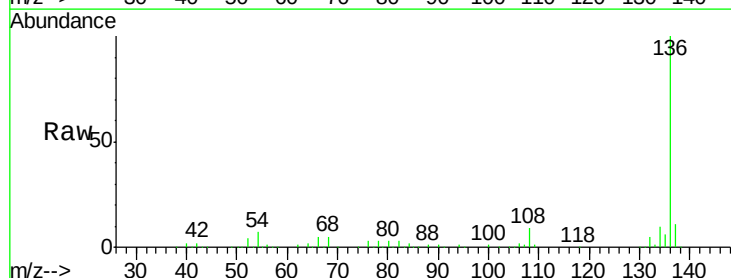
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.5 6.9 10.3#

68 5.2 4.9 7.3

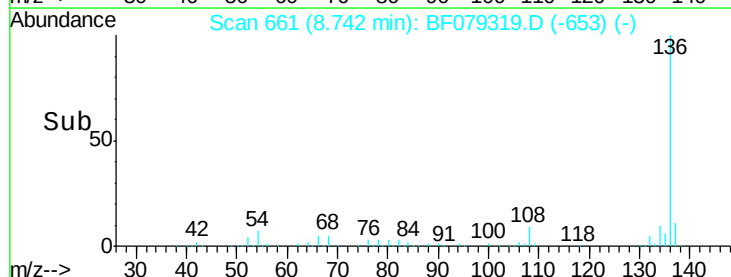
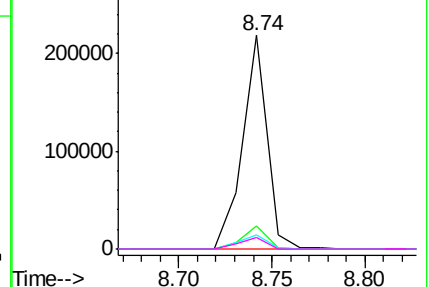


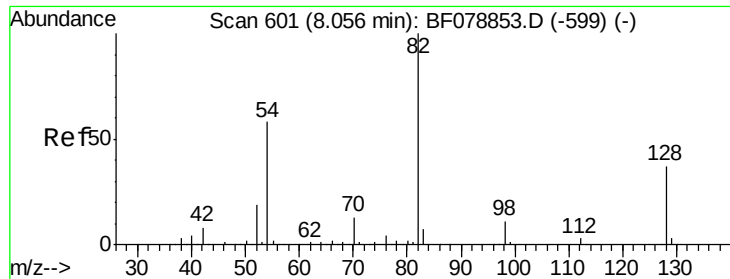
Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.11 ng

RT: 7.86 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF079319.D

Acq: 18 May 2015 22:41

Instrument :

BNA_F

ClientSampleId :

WC-12-D1

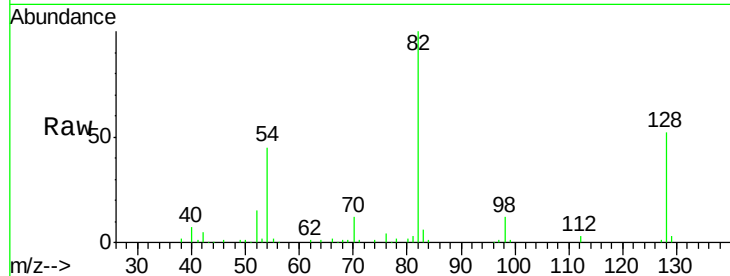
Tgt Ion: 82 Resp: 133134

Ion Ratio Lower Upper

82 100

128 51.7 29.7 44.5#

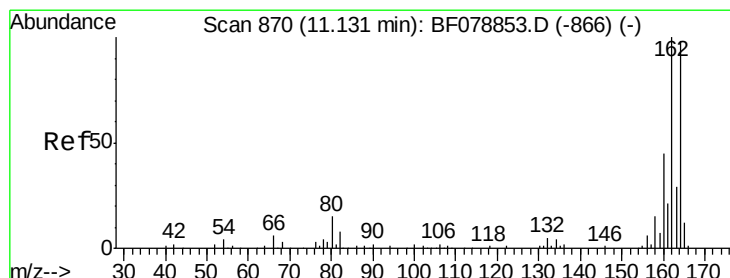
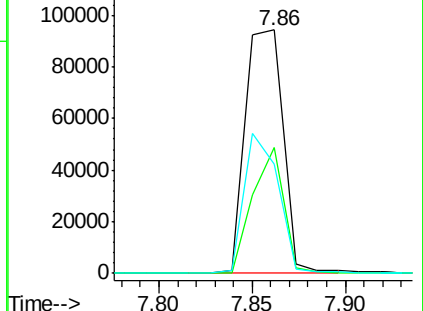
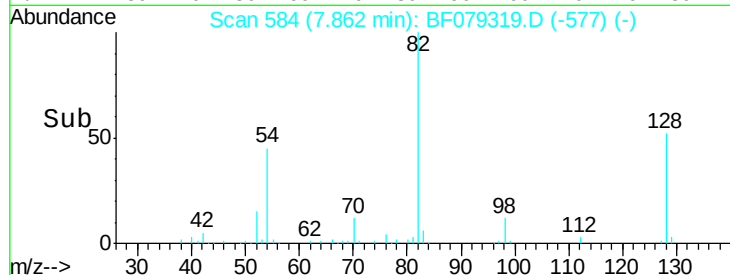
54 45.1 46.2 69.4#



Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BF078853.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-599) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF079319.D

Acq: 18 May 2015 22:41

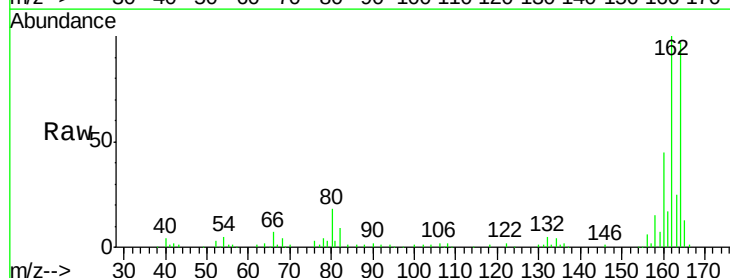
Tgt Ion: 164 Resp: 97444

Ion Ratio Lower Upper

164 100

162 103.1 81.4 122.0

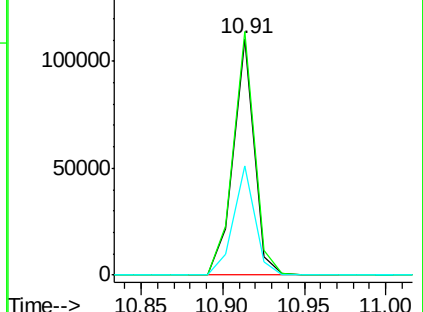
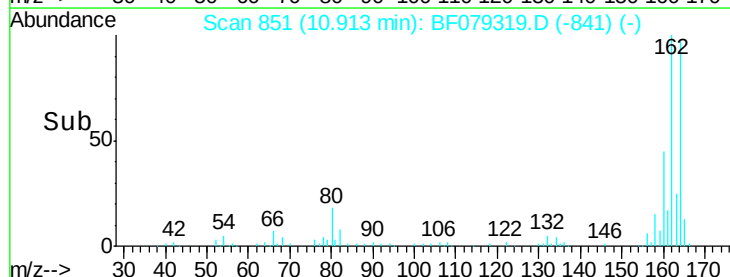
160 46.3 36.6 54.8

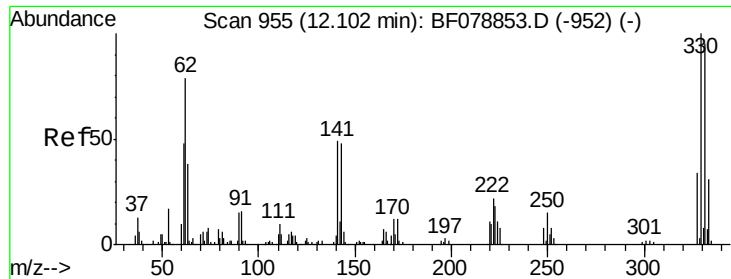


Abundance Ion 164.00 (163.70 to 164.70): BF078853.D (-866) (-)

Ion 162.00 (161.70 to 162.70): BF078853.D (-866) (-)

Ion 160.00 (159.70 to 160.70): BF078853.D (-866) (-)

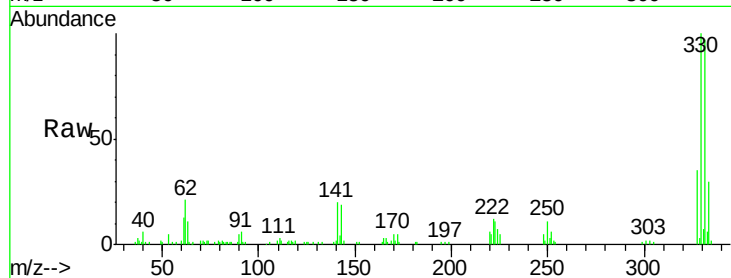




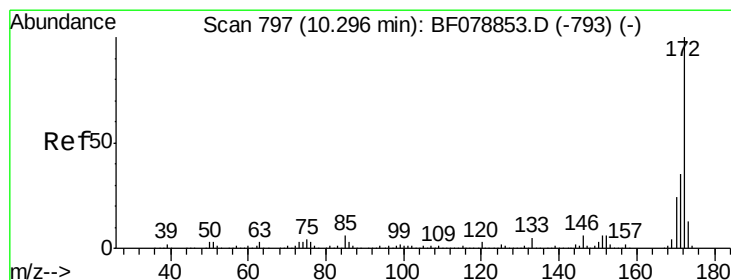
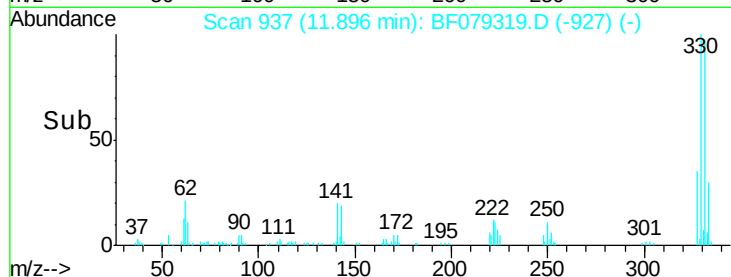
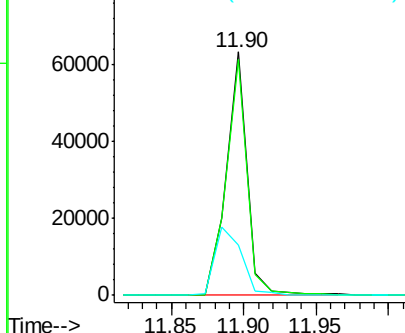
#41
 2,4,6-Tribromophenol
 Concen: 59.85 ng
 RT: 11.90 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF079319.D
 Acq: 18 May 2015 22:41

Instrument :
 BNA_F
 ClientSampleId :
 WC-12-D1

Tgt Ion:330 Resp: 63094
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.9 115.3
 141 35.8 27.8 41.8

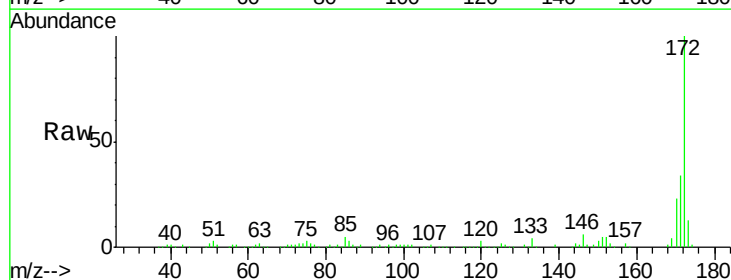


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

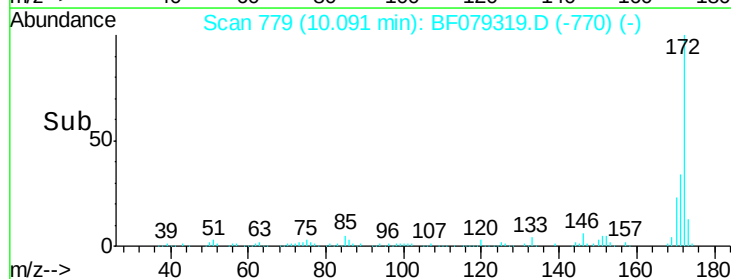
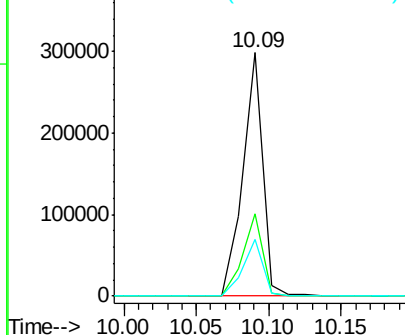


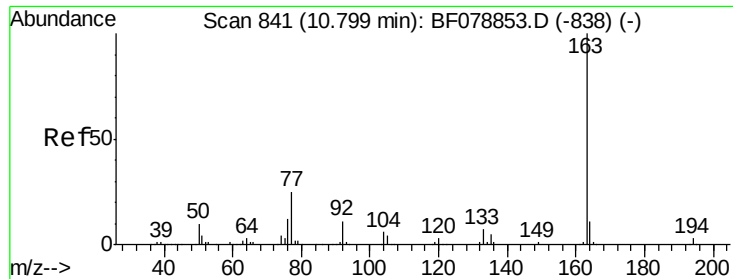
#44
 2-Fluorobiphenyl
 Concen: 40.71 ng
 RT: 10.09 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF079319.D
 Acq: 18 May 2015 22:41

Tgt Ion:172 Resp: 284709
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.3 42.5
 170 23.2 19.4 29.2



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: 2.59 ng

RT: 10.59 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF079319.D

Acq: 18 May 2015 22:41

Instrument :

BNA_F

ClientSampleId :

WC-12-D1

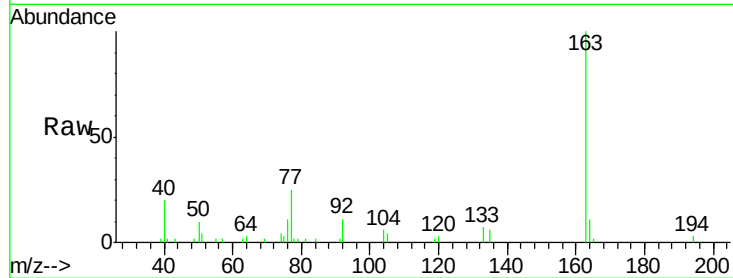
Tgt Ion:163 Resp: 18511

Ion Ratio Lower Upper

163 100

194 3.2 2.4 3.6

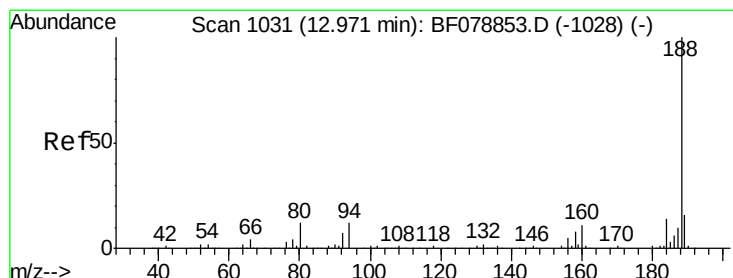
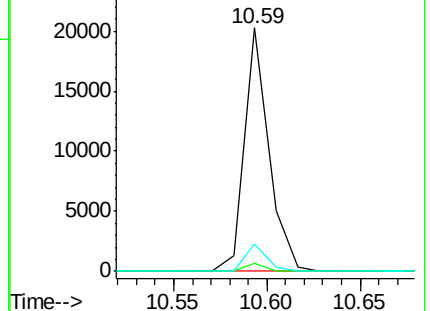
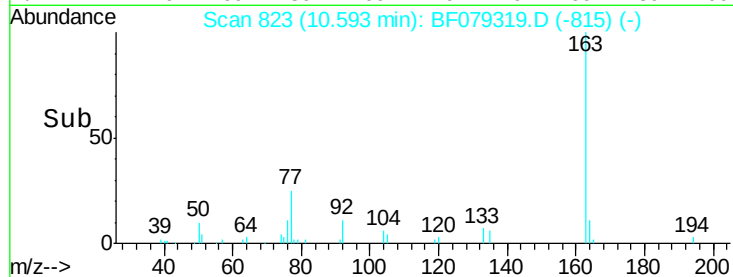
164 11.2 8.6 12.8



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: 12.75 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF079319.D

Acq: 18 May 2015 22:41

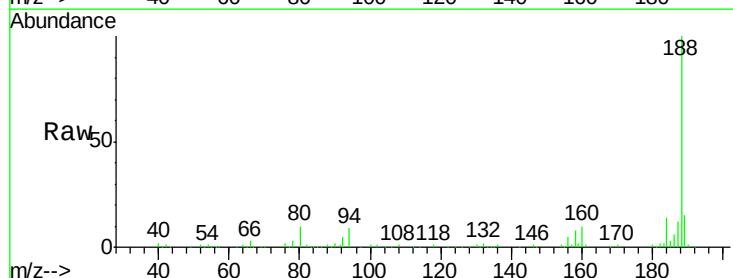
Tgt Ion:188 Resp: 180625

Ion Ratio Lower Upper

188 100

94 9.0 9.4 14.0#

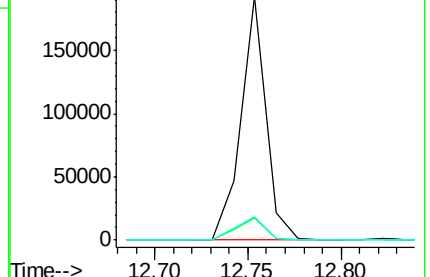
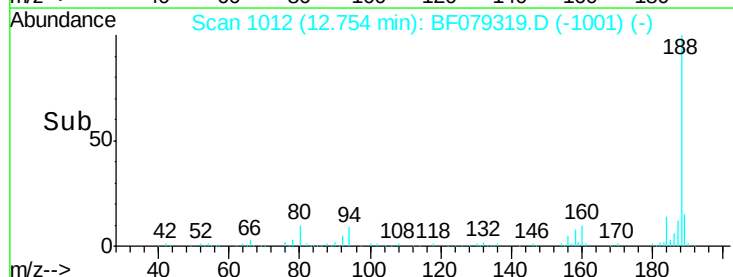
80 9.6 9.8 14.6#

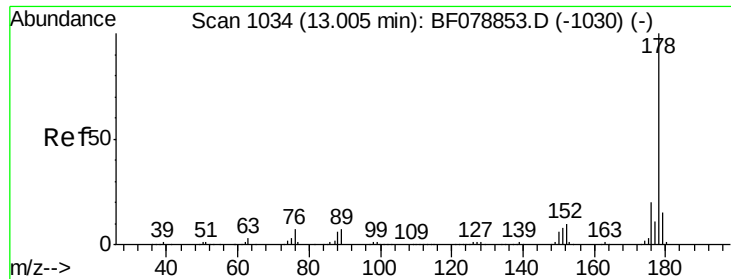


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

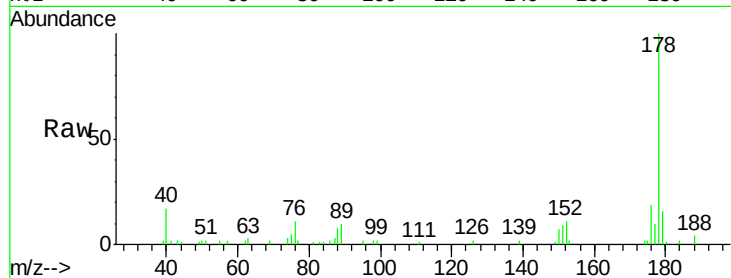




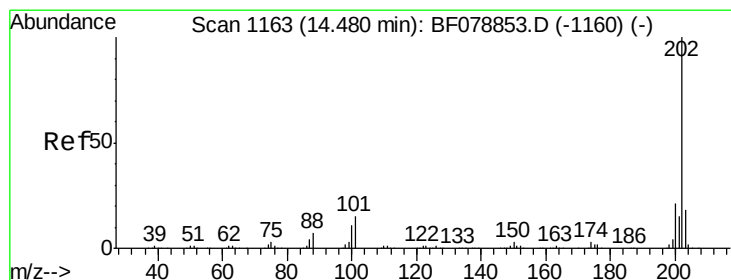
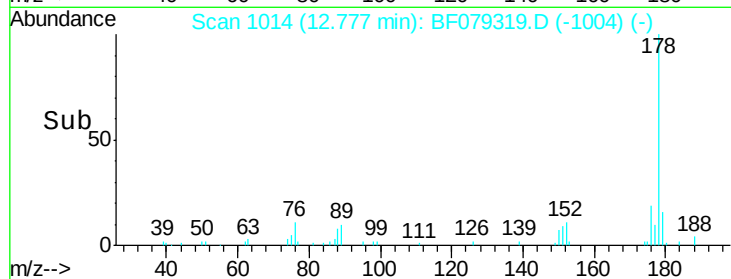
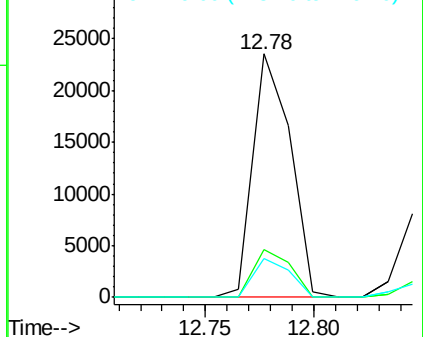
#70
Phenanthrene
Concen: 2.82 ng
RT: 12.78 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF079319.D
Acq: 18 May 2015 22:41

Instrument :
BNA_F
ClientSampleId :
WC-12-D1

Tgt Ion:178 Resp: 28492
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 16.0 12.2 18.4

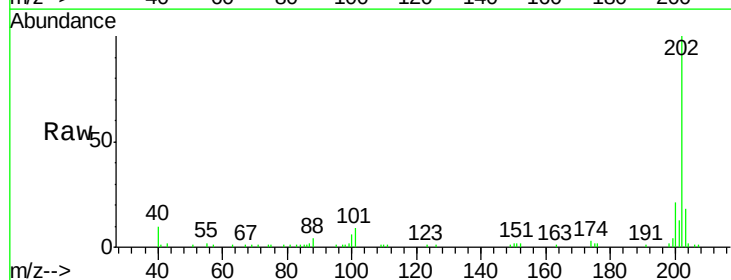


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

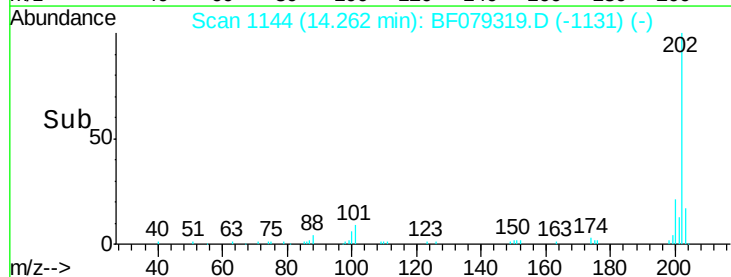
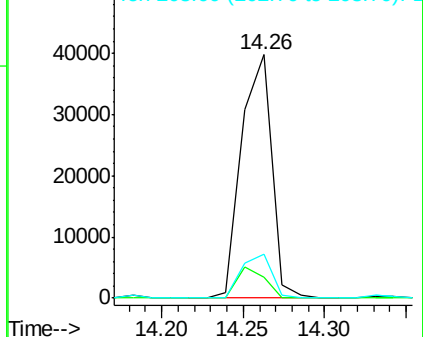


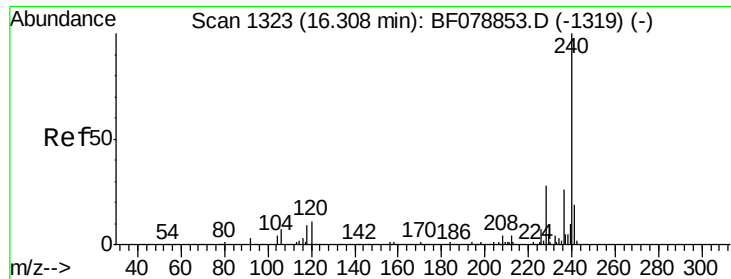
#74
Fluoranthene
Concen: 4.82 ng
RT: 14.26 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF079319.D
Acq: 18 May 2015 22:41

Tgt Ion:202 Resp: 50800
Ion Ratio Lower Upper
202 100
101 8.5 0.0 34.7
203 17.9 0.0 37.9



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: 16.05 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF079319.D

Acq: 18 May 2015 22:41

Instrument :

BNA_F

ClientSampleId :

WC-12-D1

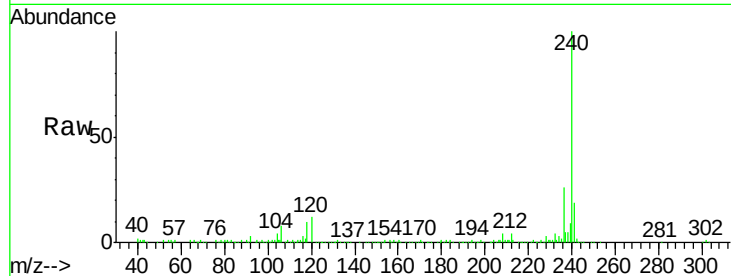
Tgt Ion:240 Resp: 193518

Ion Ratio Lower Upper

240 100

120 11.8 8.6 12.8

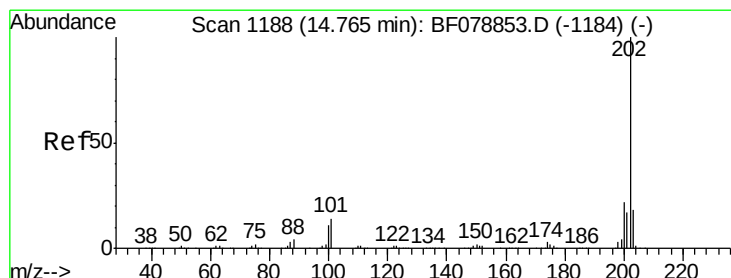
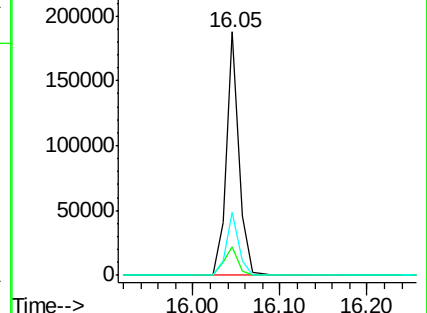
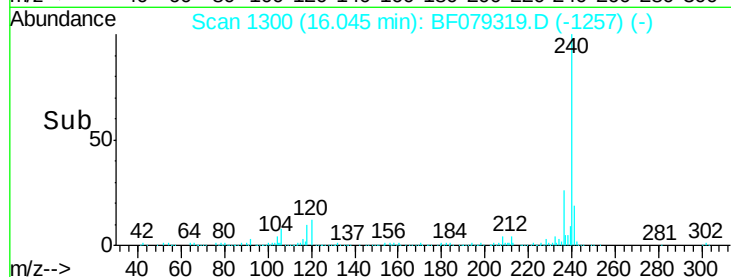
236 25.8 21.0 31.6



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: 4.70 ng

RT: 14.54 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF079319.D

Acq: 18 May 2015 22:41

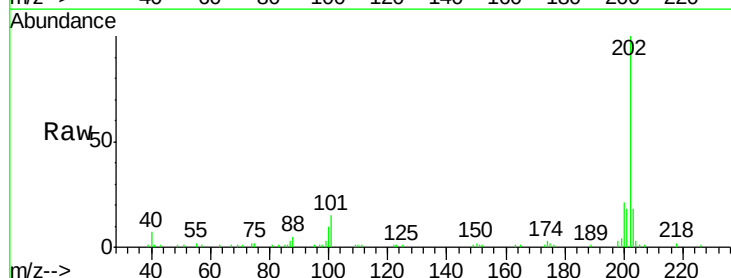
Tgt Ion:202 Resp: 52362

Ion Ratio Lower Upper

202 100

200 21.1 17.5 26.3

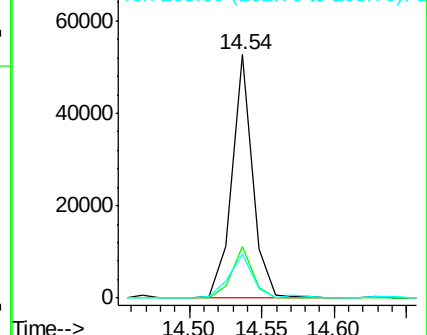
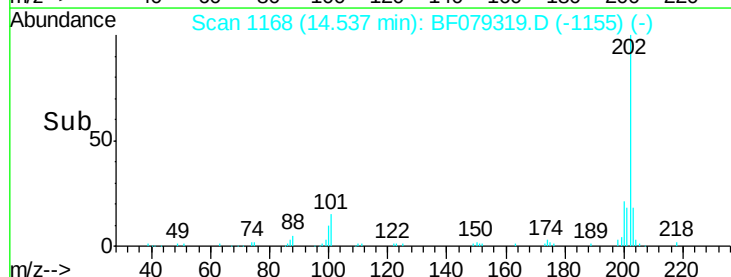
203 18.1 14.7 22.1

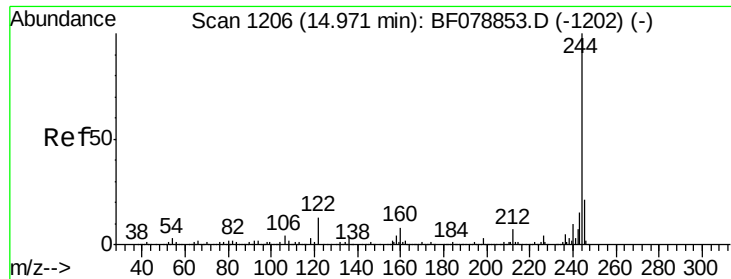


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 39.11 ng

RT: 14.74 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF079319.D

Acq: 18 May 2015 22:41

Instrument :

BNA_F

ClientSampleId :

WC-12-D1

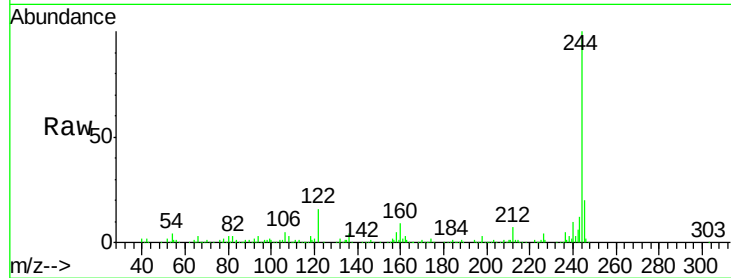
Tgt Ion:244 Resp: 316107

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

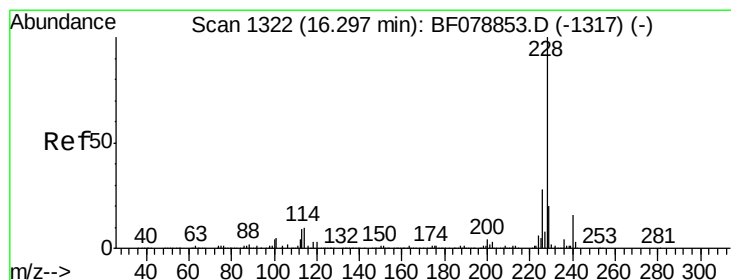
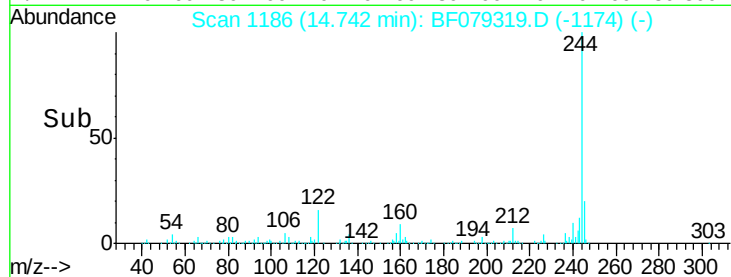
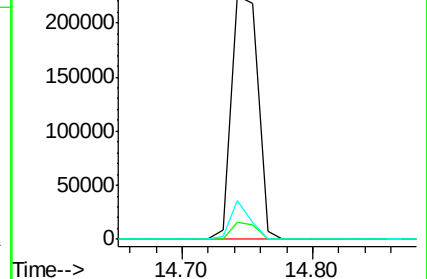
122 15.9 10.5 15.7#



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: 2.56 ng

RT: 16.03 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF079319.D

Acq: 18 May 2015 22:41

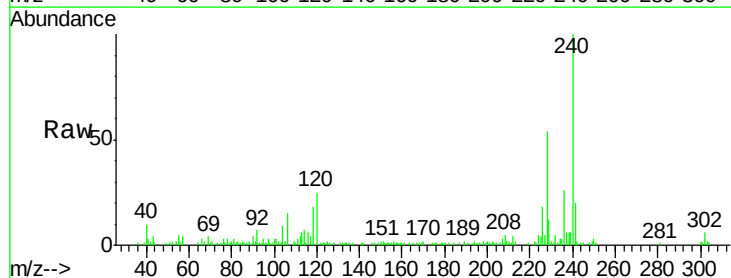
Tgt Ion:228 Resp: 27142

Ion Ratio Lower Upper

228 100

226 32.8 22.3 33.5

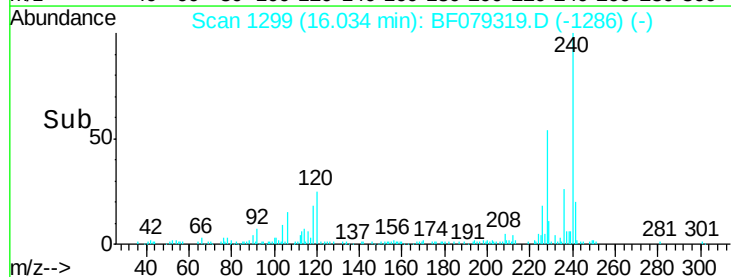
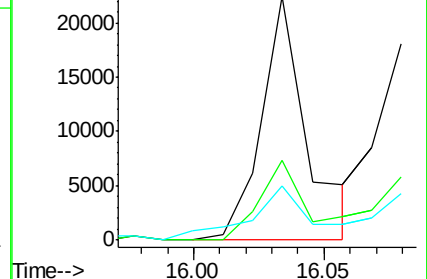
229 22.5 16.1 24.1

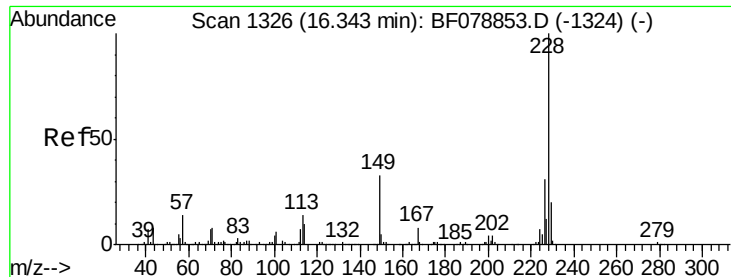


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.04 ng

RT: 16.08 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF079319.D

Acq: 18 May 2015 22:41

Instrument :

BNA_F

ClientSampleId :

WC-12-D1

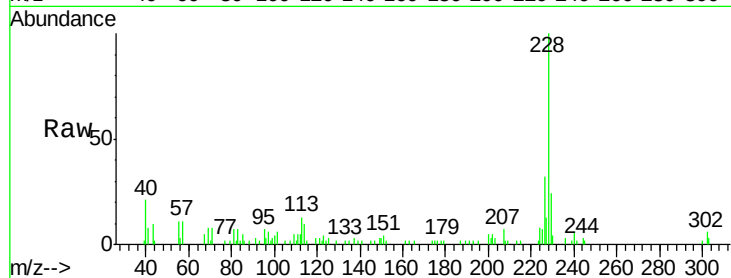
Tgt Ion:228 Resp: 20825

Ion Ratio Lower Upper

228 100

226 31.9 24.8 37.2

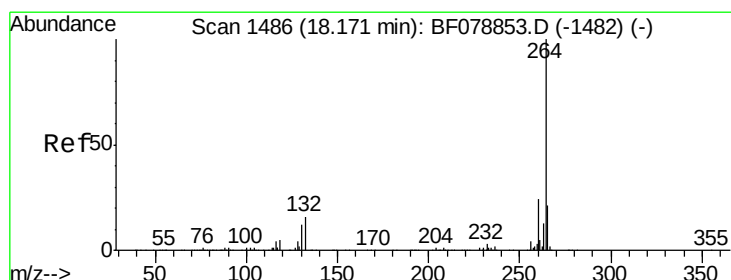
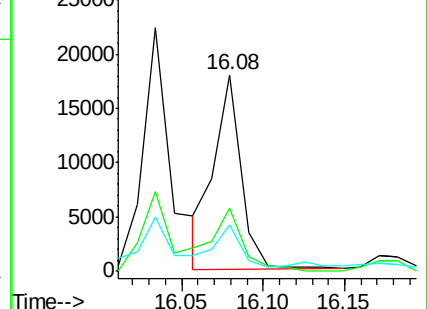
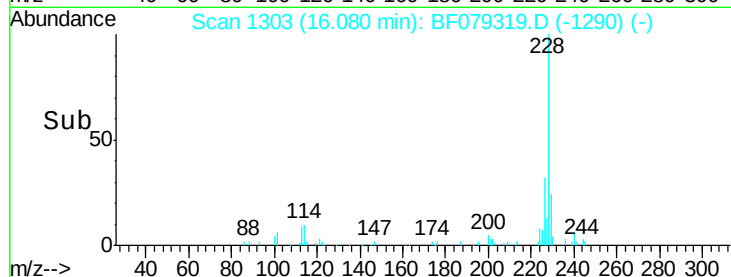
229 23.6 16.1 24.1



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: 17.83 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF079319.D

Acq: 18 May 2015 22:41

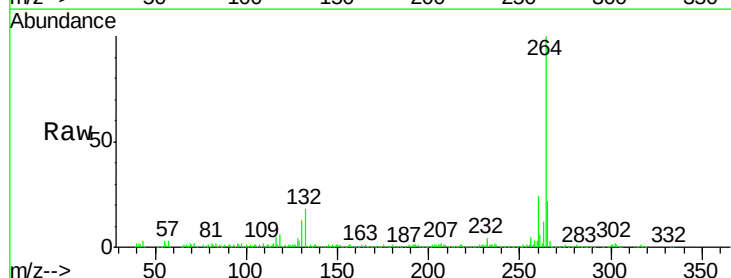
Tgt Ion:264 Resp: 208374

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

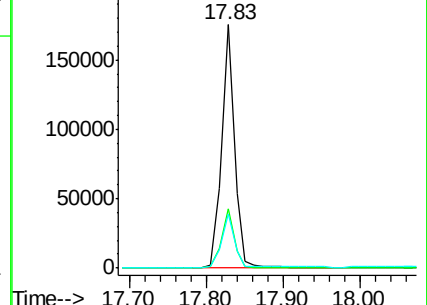
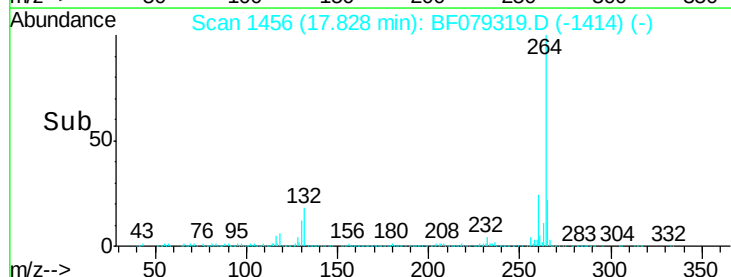
265 22.4 17.2 25.8

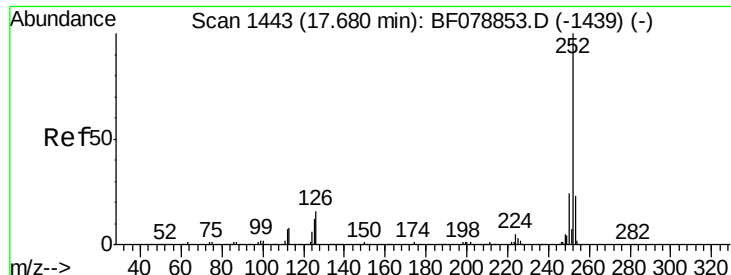


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

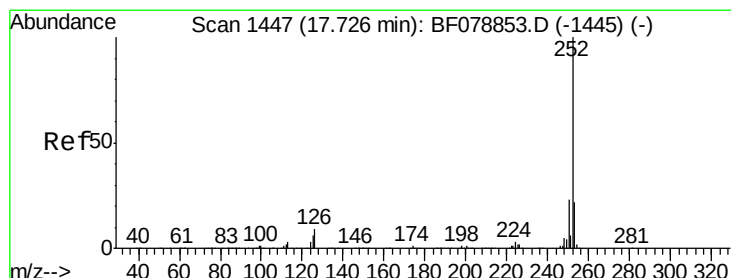
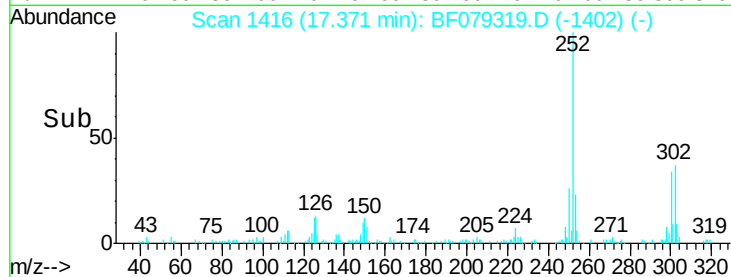
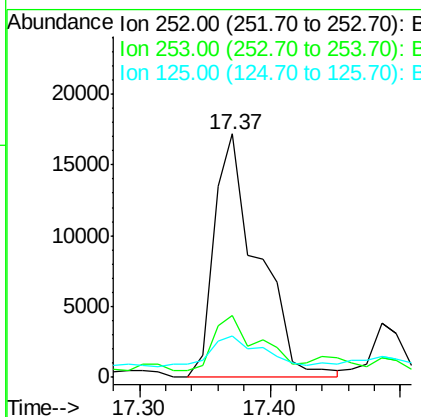
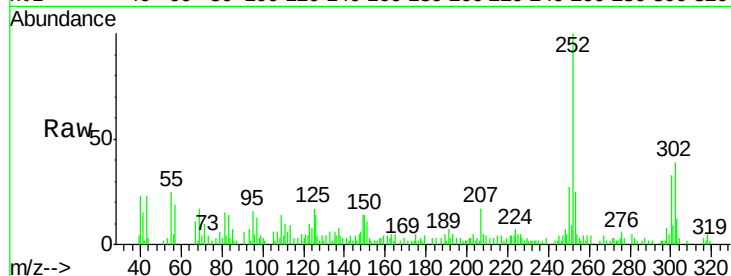




#87
 Benzo(b)fluoranthene
 Concen: 3.54 ng
 RT: 17.37 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF079319.D
 Acq: 18 May 2015 22:41

Instrument :
 BNA_F
 ClientSampleId :
 WC-12-D1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.1	27.1
125	16.8	9.4	14.2



#88
 Benzo(k)fluoranthene
 Concen: 3.66 ng
 RT: 17.37 min Scan# 1416
 Delta R.T. -0.06 min
 Lab File: BF079319.D
 Acq: 18 May 2015 22:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.4	26.0
125	16.8	6.1	9.1

