

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079886.D
 Acq On : 11 Jun 2015 3:28
 Operator : TP/IZ
 Sample : G2579-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWINPONDSFILL

Quant Time: Jun 11 03:54:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 00:53:15 2015
 Response via : Initial Calibration

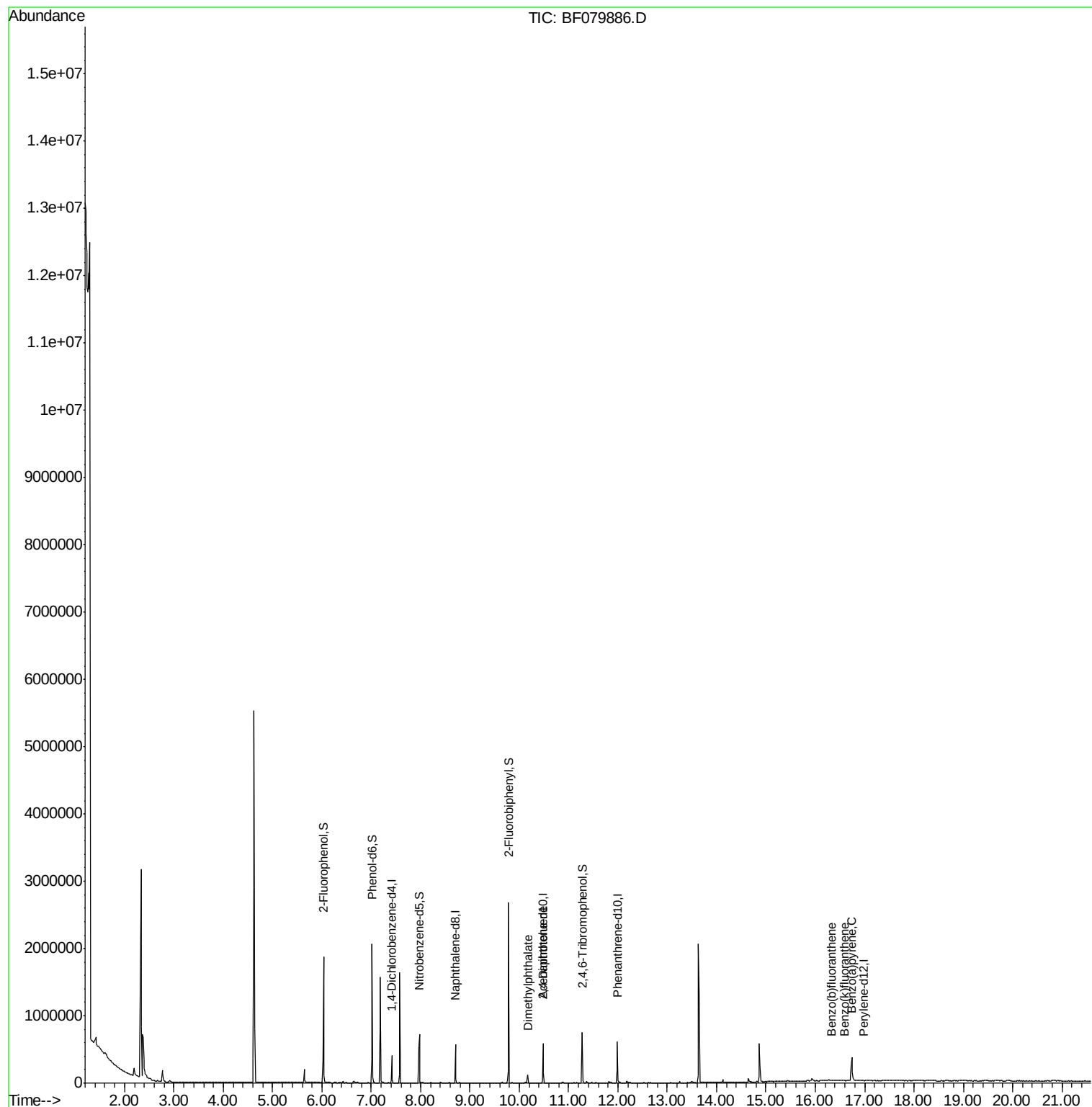
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	55412	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	219546	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	114753	20.00	ng	-0.01
63) Phenanthrene-d10	11.99	188	234713	20.00	ng	-0.01
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.07
86) Perylene-d12	16.98	264	221	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	448537	133.40	ng	0.00
7) Phenol-d6	7.02	99	614768	141.31	ng	0.00
23) Nitrobenzene-d5	7.98	82	296792	78.09	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	128055	128.95	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	724065	88.74	ng	0.00
78) Terphenyl-d14	13.63	244	863135	0.00	ng	-0.10
Target Compounds						
49) Dimethylphthalate	10.17	163	50076	5.60	ng	99
56) 2,4-Dinitrotoluene	10.48	165	14256	12.23	ng	# 32
87) Benzo(b)fluoranthene	16.32	252	784	59.60	ng	# 61
88) Benzo(k)fluoranthene	16.58	252	2844	206.80	ng	# 87
89) Benzo(a)pyrene	16.74	252	244	19.63	ng	# 59

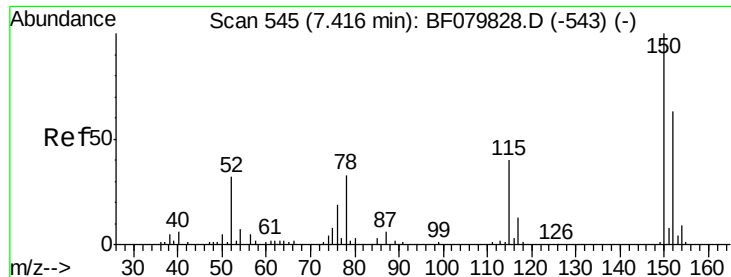
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF079886.D

Acq: 11 Jun 2015 3:28

Instrument :

BNA_F

ClientSampleId :

TWINPONDSEILL

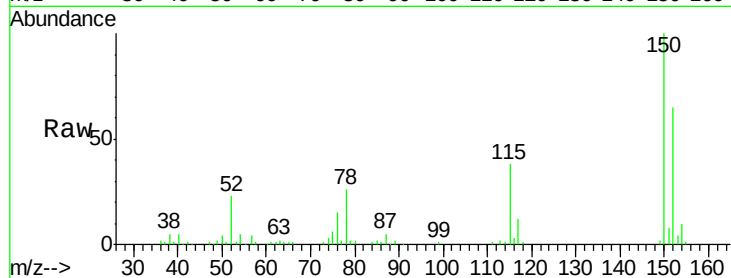
Tgt Ion:152 Resp: 55412

Ion Ratio Lower Upper

152 100

150 154.7 131.4 197.2

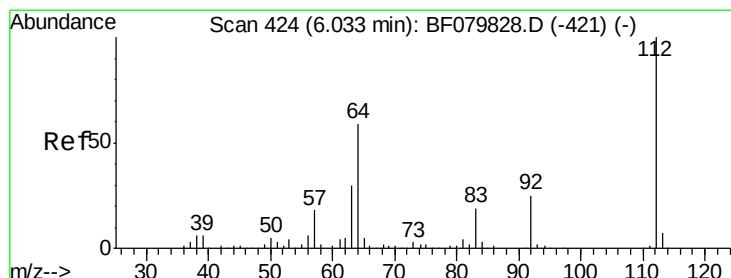
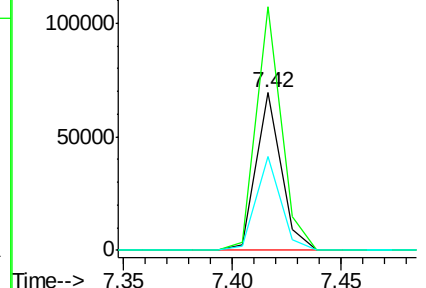
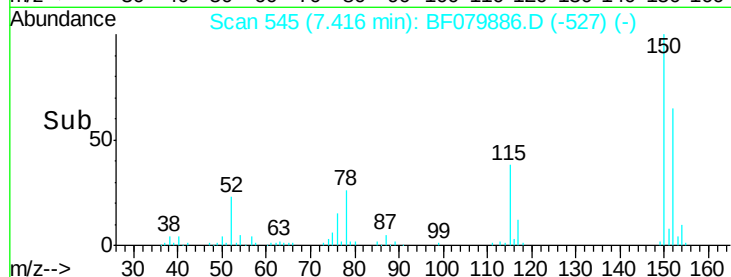
115 59.5 56.5 84.7



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: 133.40 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079886.D

Acq: 11 Jun 2015 3:28

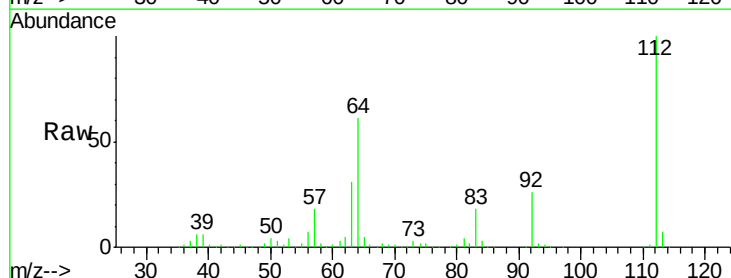
Tgt Ion:112 Resp: 448537

Ion Ratio Lower Upper

112 100

64 61.3 44.2 66.4

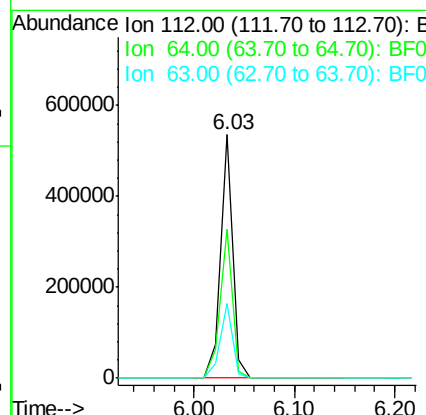
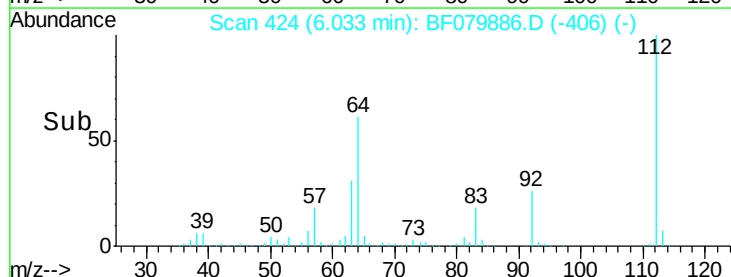
63 30.6 22.8 34.2

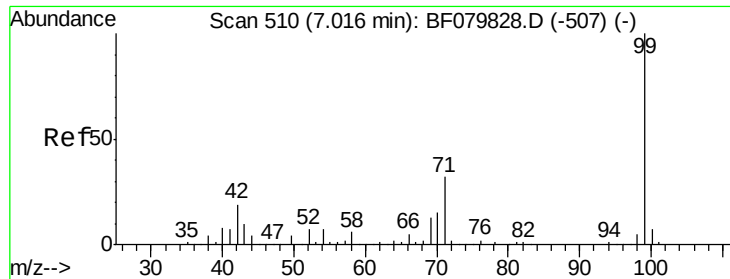


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.31 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079886.D

Acq: 11 Jun 2015 3:28

Instrument :

BNA_F

ClientSampleId :

TWINPONDSEILL

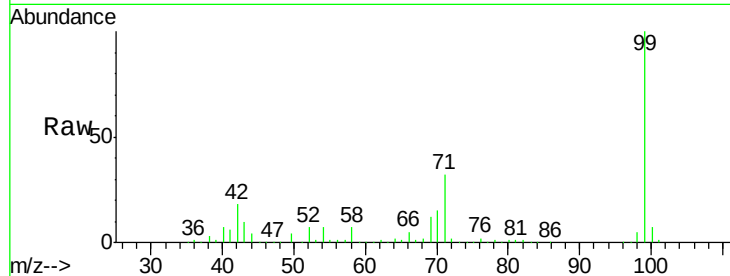
Tgt Ion: 99 Resp: 614768

Ion Ratio Lower Upper

99 100

42 18.3 13.7 20.5

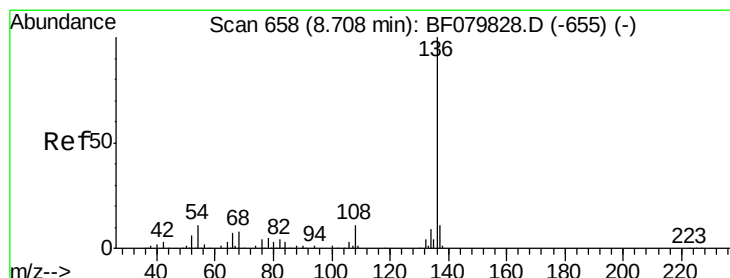
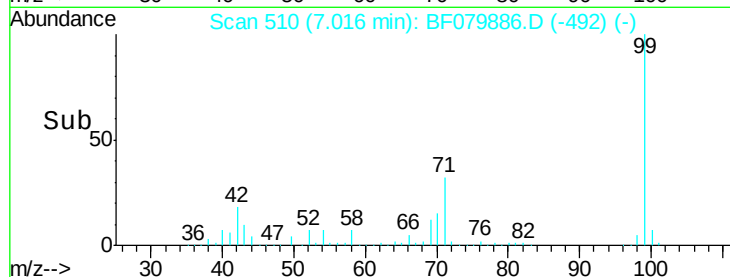
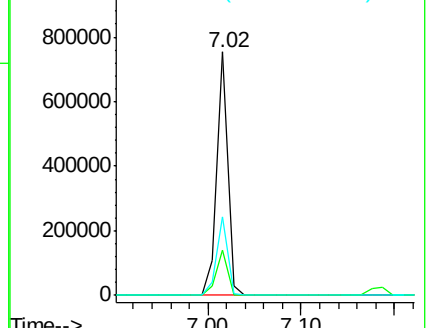
71 32.5 25.1 37.7



Abundance Ion 99.00 (98.70 to 99.70): BF079828.D (-507) (-)

Ion 42.00 (41.70 to 42.70): BF079828.D (-507) (-)

Ion 71.00 (70.70 to 71.70): BF079828.D (-507) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079886.D

Acq: 11 Jun 2015 3:28

Tgt Ion: 136 Resp: 219546

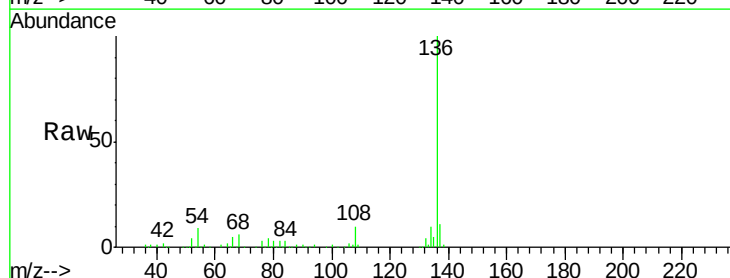
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 8.5 8.1 12.1

68 6.1 4.8 7.2

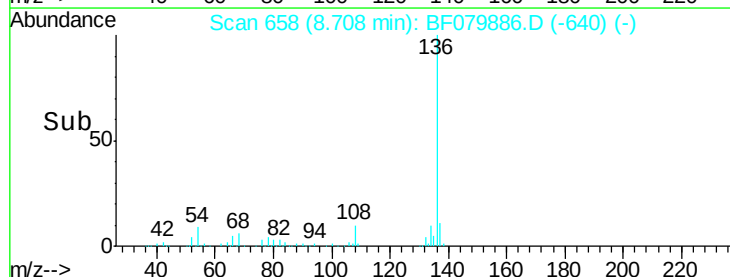
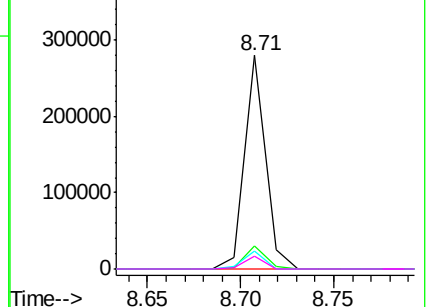


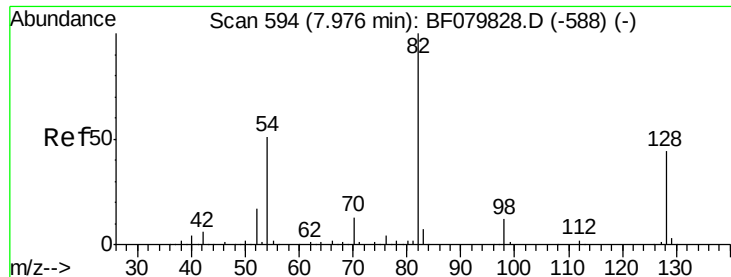
Abundance Ion 136.00 (135.70 to 136.70): BF079828.D (-655) (-)

Ion 137.00 (136.70 to 137.70): BF079828.D (-655) (-)

Ion 54.00 (53.70 to 54.70): BF079828.D (-655) (-)

Ion 68.00 (67.70 to 68.70): BF079828.D (-655) (-)

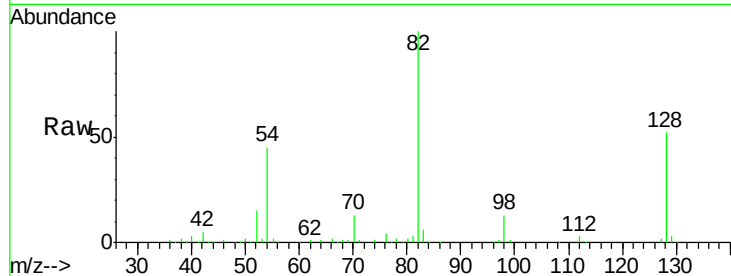




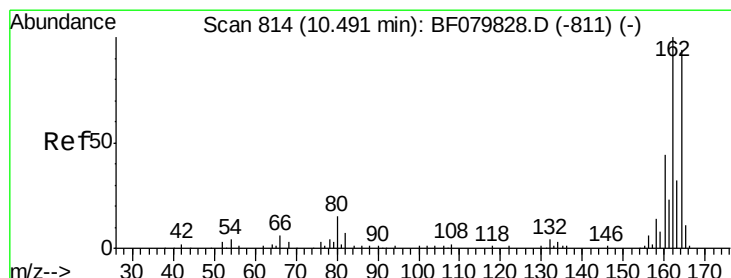
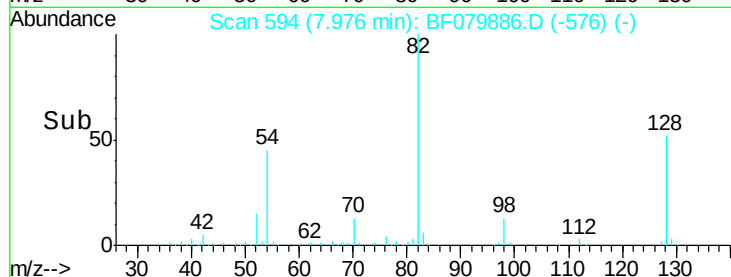
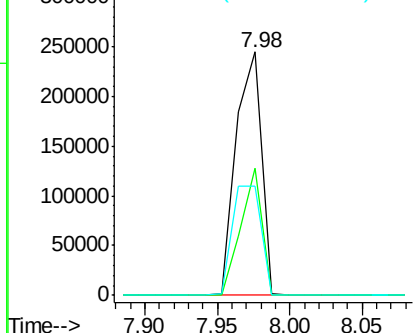
#23
 Nitrobenzene-d5
 Concen: 78.09 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079886.D
 Acq: 11 Jun 2015 3:28

Instrument :
 BNA_F
 ClientSampleId :
 TWINPONDSFILL

Tgt Ion: 82 Resp: 296792
 Ion Ratio Lower Upper
 82 100
 128 52.4 35.2 52.8
 54 44.8 39.2 58.8

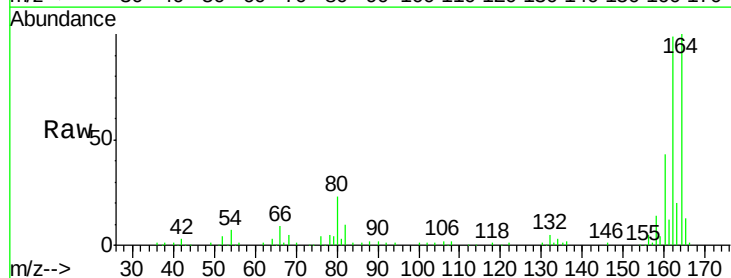


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

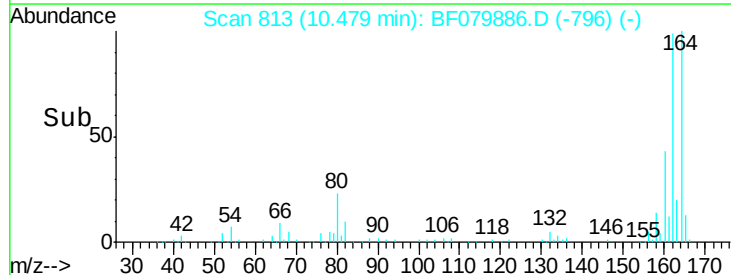
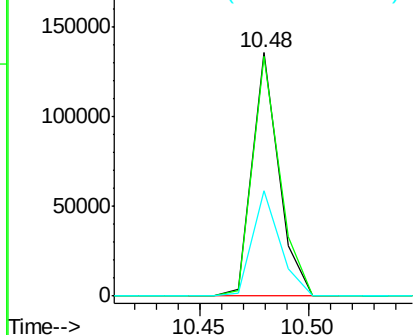


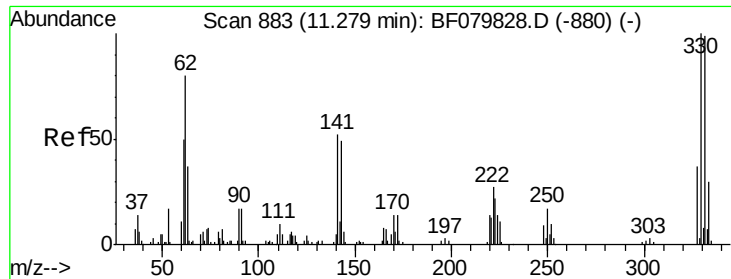
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF079886.D
 Acq: 11 Jun 2015 3:28

Tgt Ion: 164 Resp: 114753
 Ion Ratio Lower Upper
 164 100
 162 98.6 89.8 134.8
 160 43.4 39.6 59.4



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

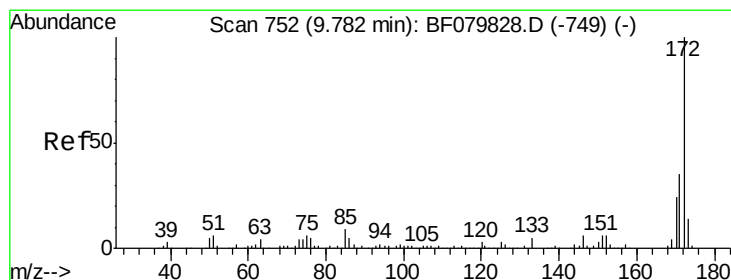
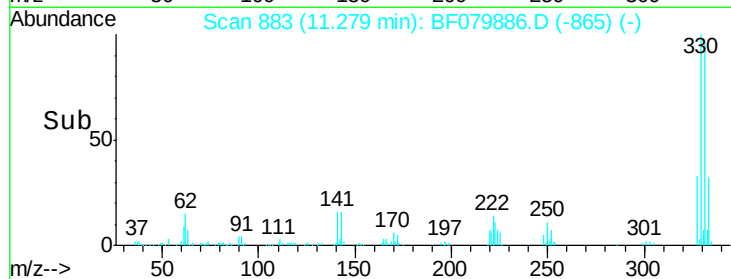
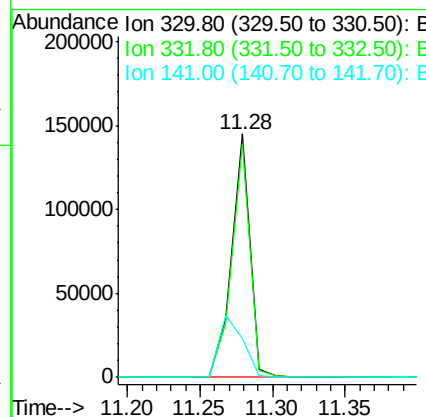
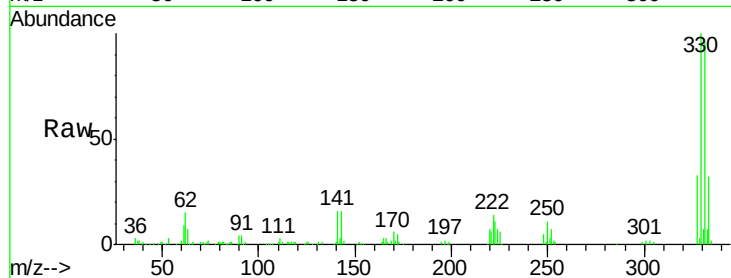




#41
 2,4,6-Tribromophenol
 Concen: 128.95 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079886.D
 Acq: 11 Jun 2015 3:28

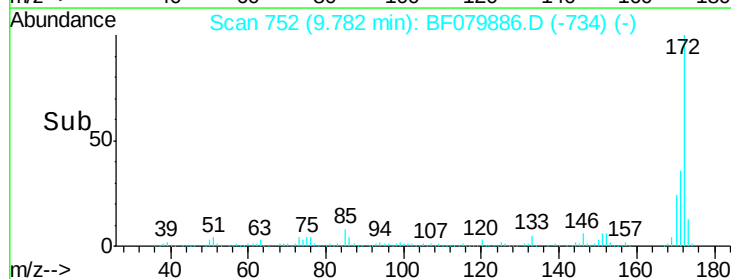
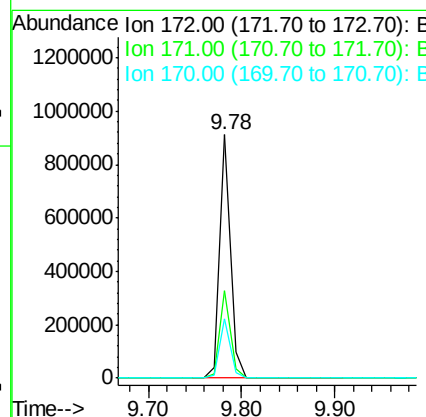
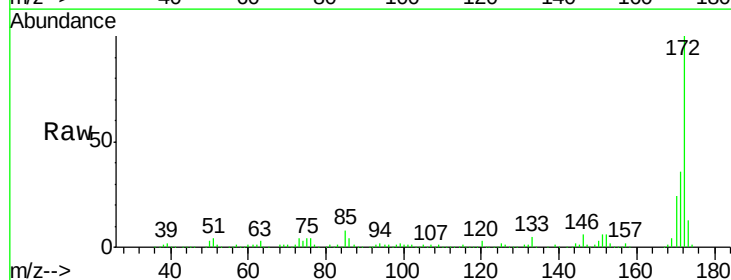
Instrument :
 BNA_F
 ClientSampleId :
 TWINPONDSFILL

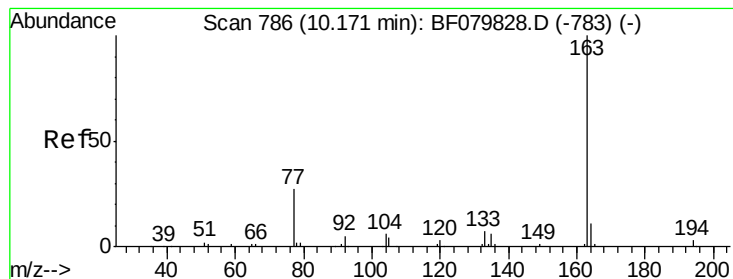
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.8	115.2
141	32.8	29.1	43.7



#44
 2-Fluorobiphenyl
 Concen: 88.74 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079886.D
 Acq: 11 Jun 2015 3:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	24.4	18.8	28.2





#49

Dimethylphthalate

Concen: 5.60 ng

RT: 10.17 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF079886.D

Acq: 11 Jun 2015 3:28

Instrument :

BNA_F

ClientSampleId :

TWINPONDSEILL

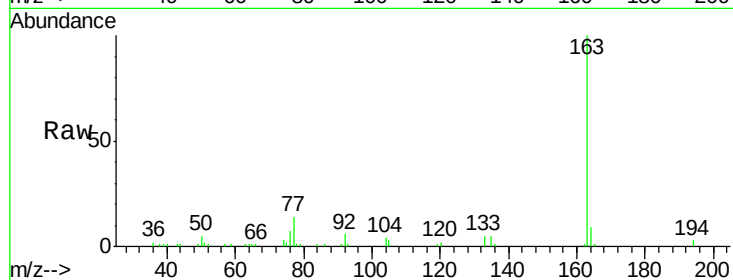
Tgt Ion:163 Resp: 50076

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

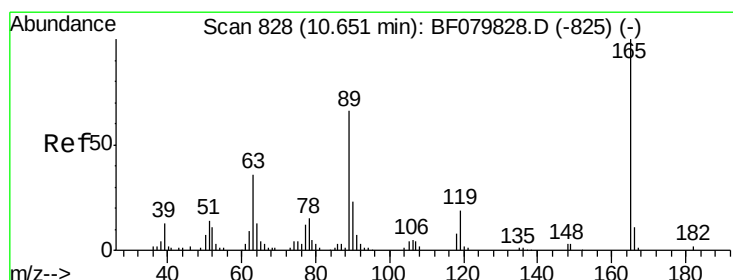
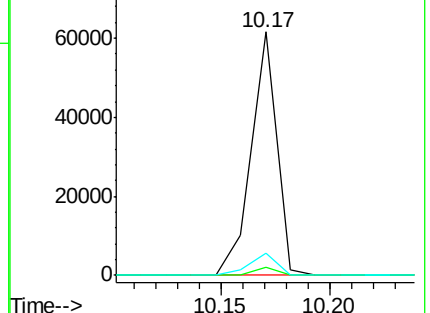
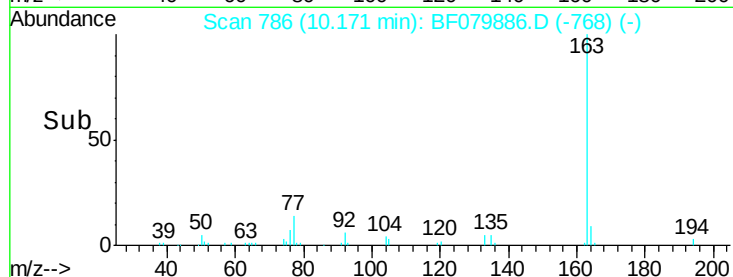
164 9.4 7.9 11.9



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



#56

2,4-Dinitrotoluene

Concen: 12.23 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.17 min

Lab File: BF079886.D

Acq: 11 Jun 2015 3:28

Tgt Ion:165 Resp: 14256

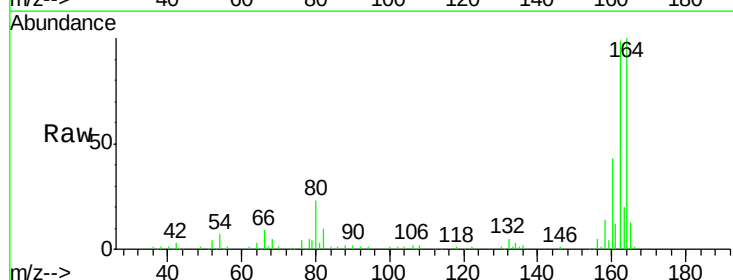
Ion Ratio Lower Upper

165 100

63 0.0 24.4 36.6#

89 0.0 45.3 67.9#

182 0.0 2.0 3.0#

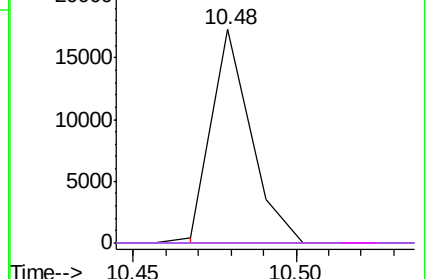
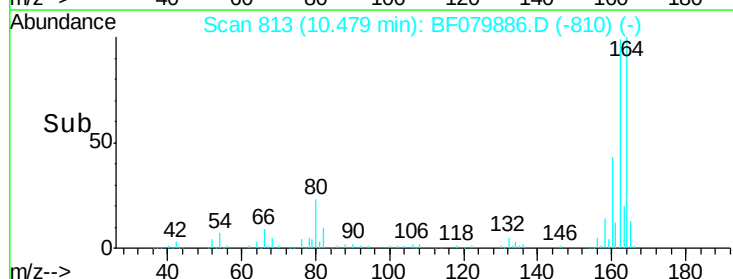


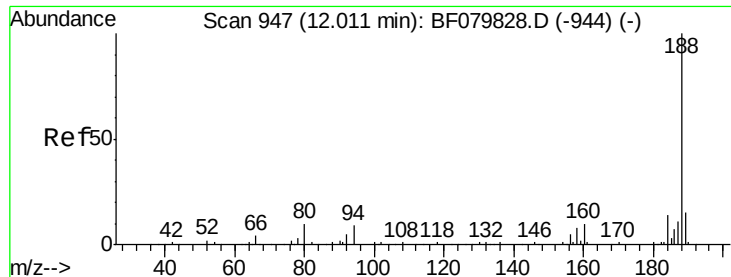
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

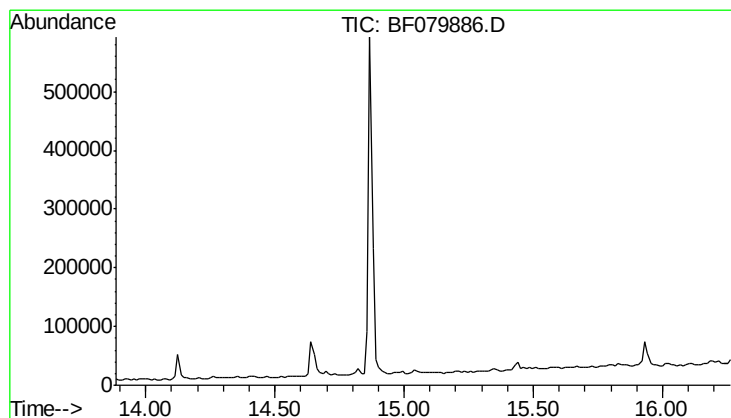
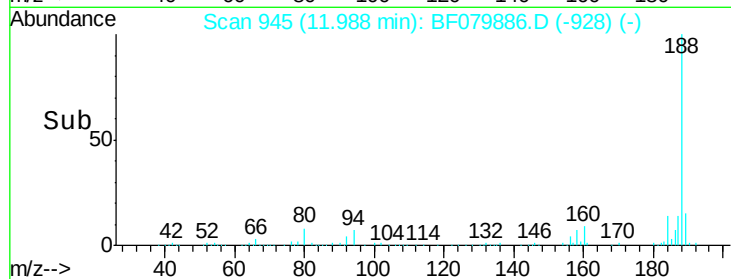
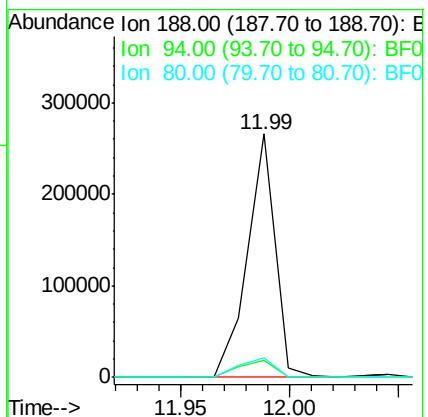
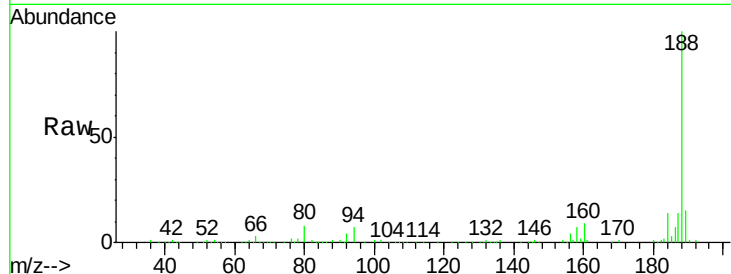




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.99 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF079886.D
 Acq: 11 Jun 2015 3:28

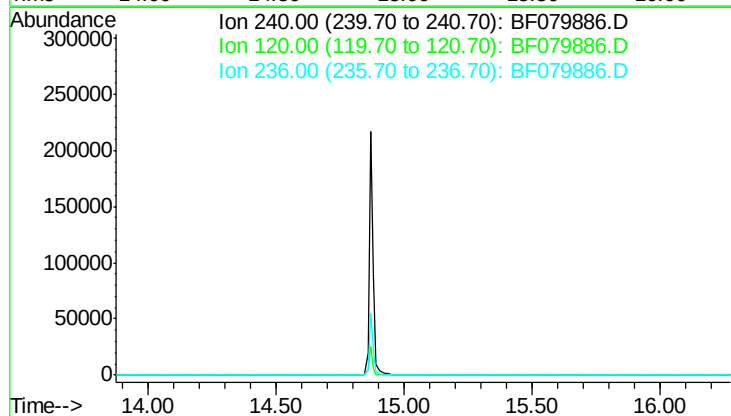
Instrument :
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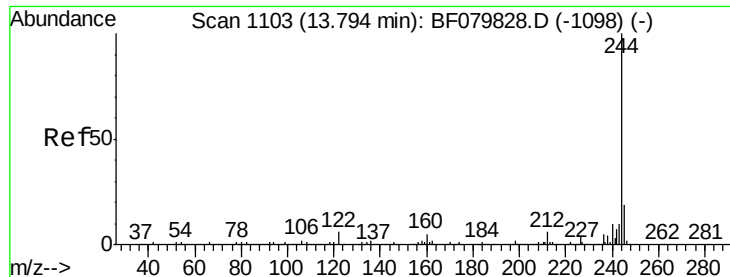
Tgt Ion: 188 Resp: 234713
 Ion Ratio Lower Upper
 188 100
 94 7.2 7.4 11.0#
 80 7.9 8.0 12.0#



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.07 min
 Lab File: BF079886.D
 Acq: 11 Jun 2015 3:28

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 8.2
 236 25.3





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 13.63 min Scan# 1089

Delta R.T. -0.10 min

Lab File: BF079886.D

Acq: 11 Jun 2015 3:28

Instrument :

BNA_F

ClientSampleId :

TWINPONDSFILL

Tgt Ion:244 Resp: 863135

Ion Ratio Lower Upper

244 100

212 7.4

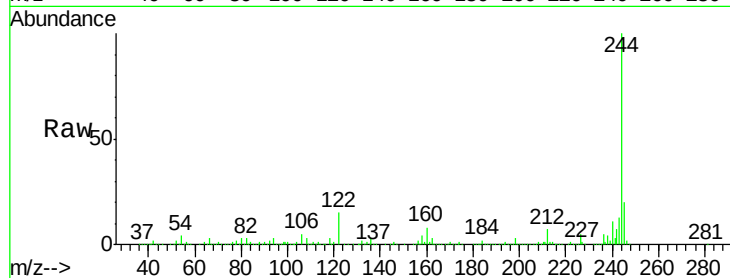
5.6

8.4

122 14.8

8.2

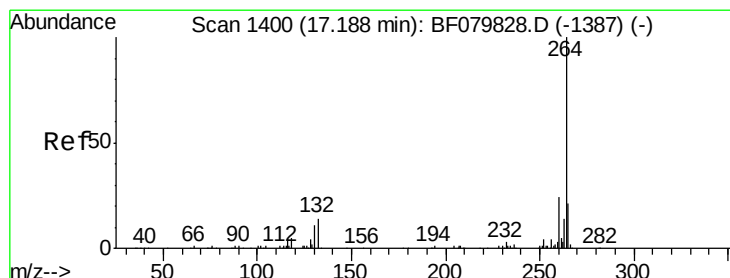
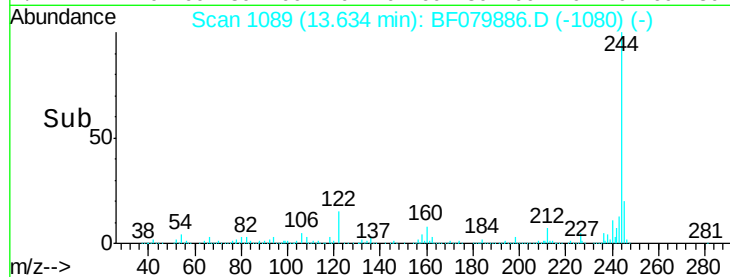
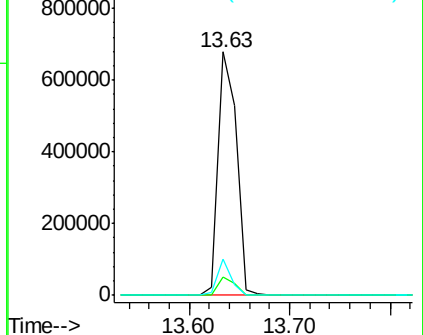
12.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.98 min Scan# 1382

Delta R.T. -0.05 min

Lab File: BF079886.D

Acq: 11 Jun 2015 3:28

Tgt Ion:264 Resp: 221

Ion Ratio Lower Upper

264 100

260 0.0

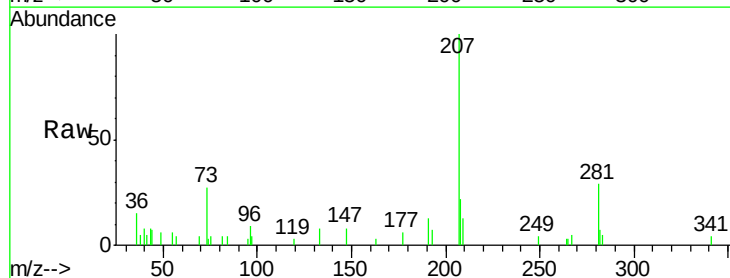
19.5

29.3#

265 99.7

18.0

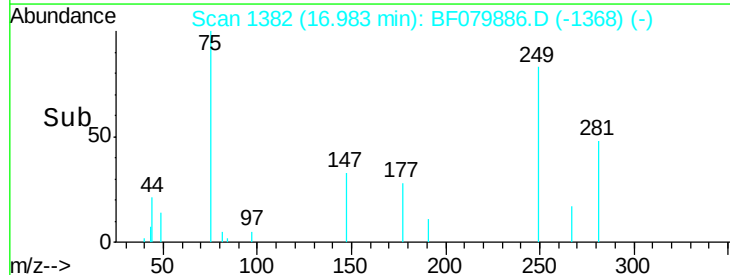
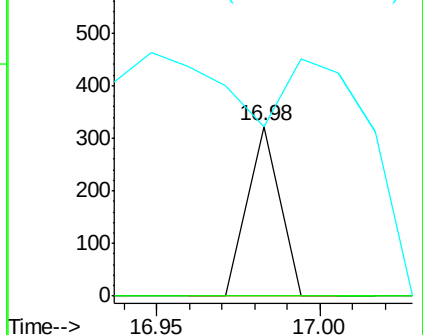
27.0#

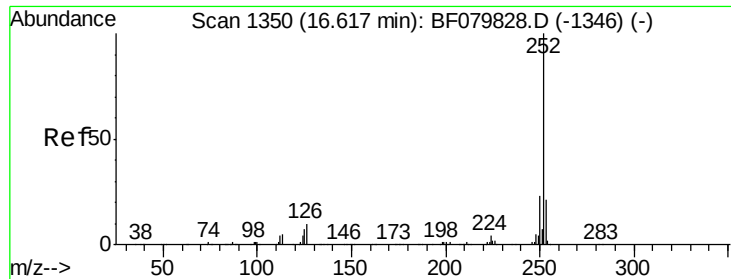


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

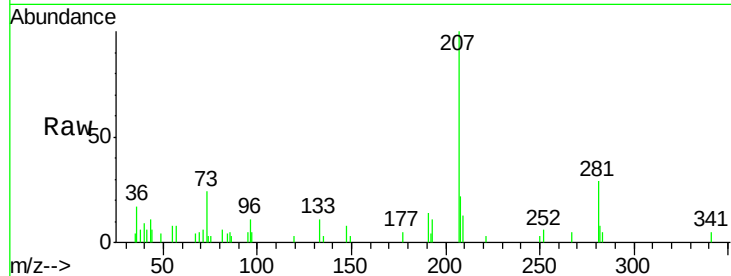




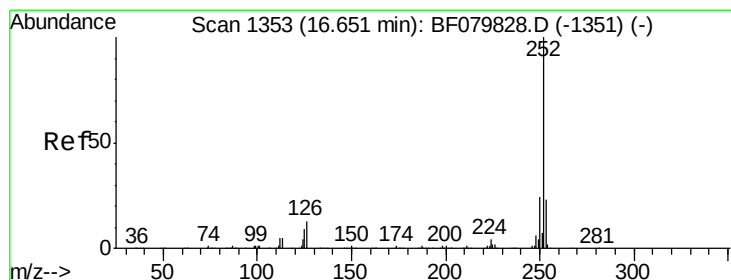
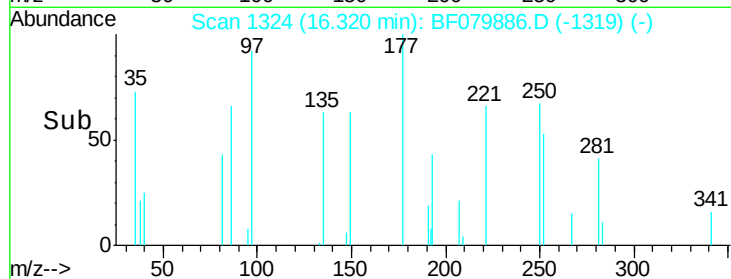
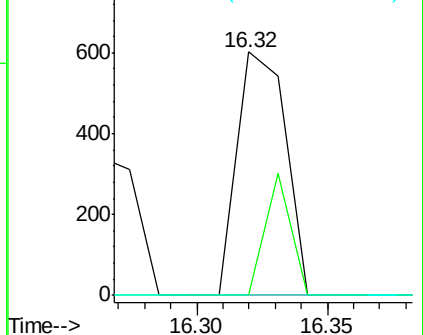
#87
Benzo(b)fluoranthene
Concen: 59.60 ng
RT: 16.32 min Scan# 1324
Delta R.T. -0.15 min
Lab File: BF079886.D
Acq: 11 Jun 2015 3:28

Instrument :
BNA_F
ClientSampleId :
TWINPONDSFILL

Tgt Ion: 252 Resp: 784
Ion Ratio Lower Upper
252 100
253 0.0 17.1 25.7#
125 0.0 5.7 8.5#

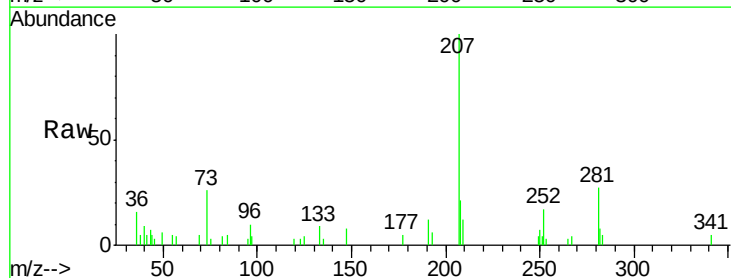


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

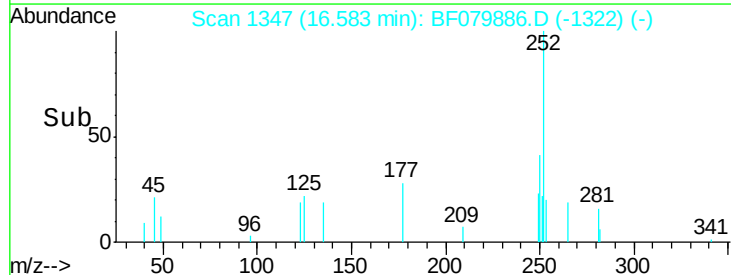
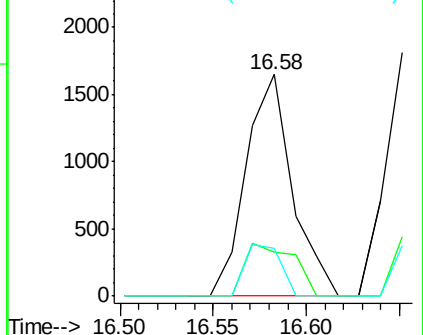


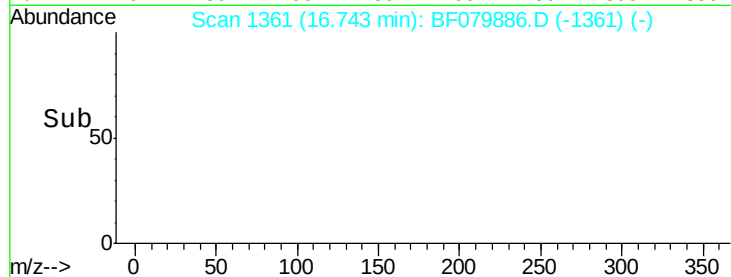
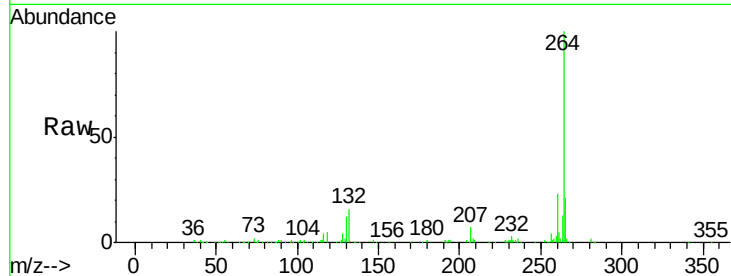
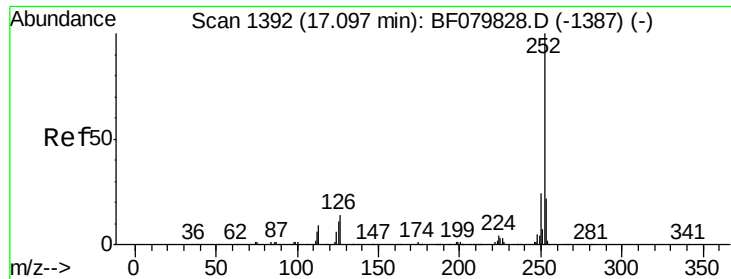
#88
Benzo(k)fluoranthene
Concen: 206.80 ng
RT: 16.58 min Scan# 1347
Delta R.T. 0.08 min
Lab File: BF079886.D
Acq: 11 Jun 2015 3:28

Tgt Ion: 252 Resp: 2844
Ion Ratio Lower Upper
252 100
253 19.6 17.0 25.6
125 21.6 6.3 9.5#



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





#89

Benzo(a)pyrene

Concen: 19.63 ng

RT: 16.74 min Scan# 1361

Delta R.T. -0.21 min

Lab File: BF079886.D

Acq: 11 Jun 2015 3:28

Instrument :

BNA_F

ClientSampleId :

TWINPONDSEILL

Tgt Ion:252 Resp: 244

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

125 0.0 8.6 13.0#

