

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079962.D
 Acq On : 13 Jun 2015 6:48
 Operator : TP/IZ
 Sample : G2592-06 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C2

Quant Time: Jun 15 00:53:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

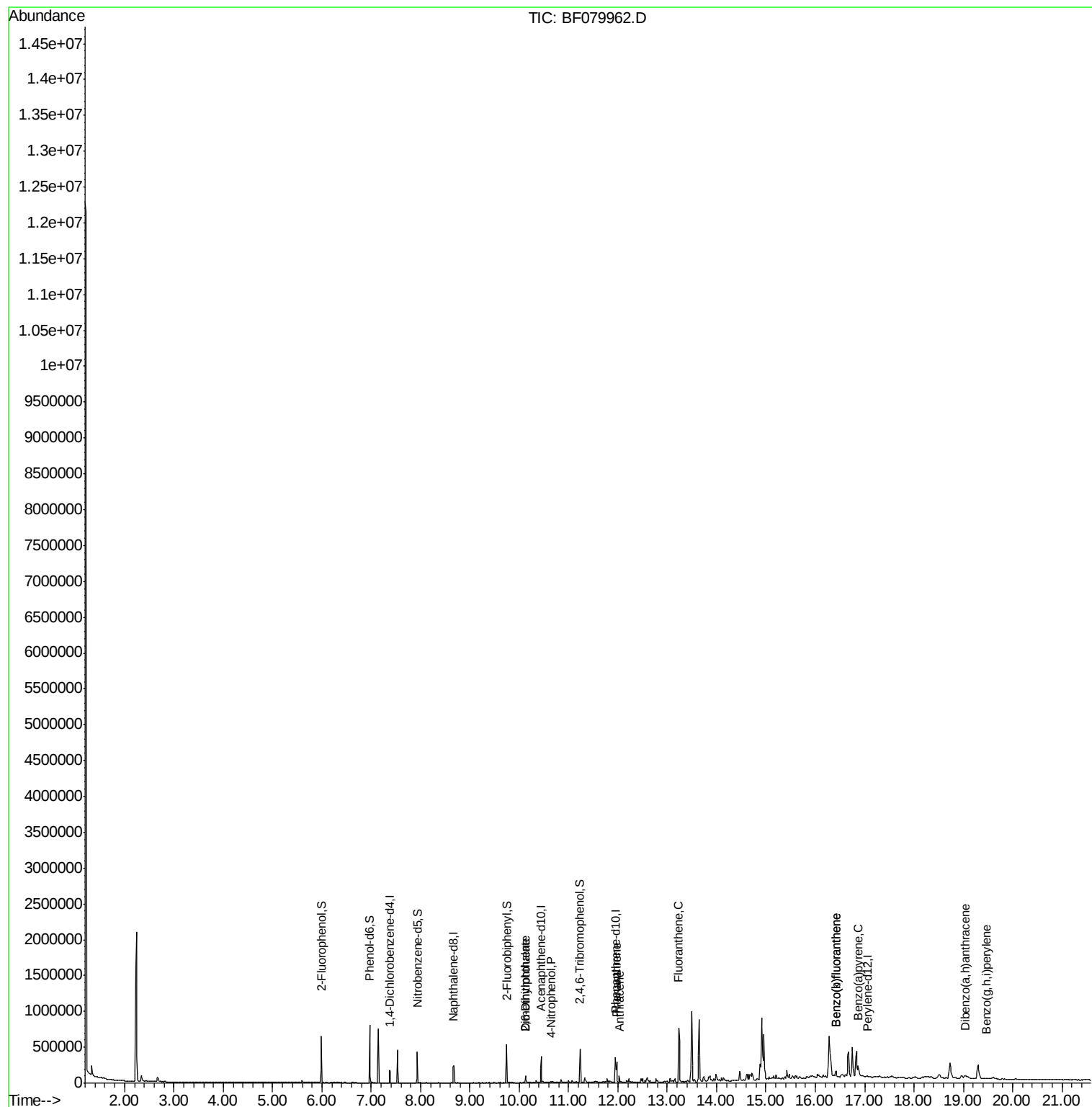
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	40385	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	160628	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	86877	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	186047	20.00	ng	-0.02
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.14
86) Perylene-d12	17.05	264	1051	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	173896	78.96	ng	0.00
7) Phenol-d6	6.97	99	230756	76.90	ng	0.00
23) Nitrobenzene-d5	7.93	82	119714	49.17	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	49031	57.73	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	247445	39.88	ng	0.00
78) Terphenyl-d14	13.65	244	312107	0.00	ng	-0.13
Target Compounds						Qvalue
49) Dimethylphthalate	10.12	163	42286	6.08	ng	99
50) 2,6-Dinitrotoluene	10.12	165	611	3.50	ng	# 1
55) 4-Nitrophenol	10.65	139	2255	4.53	ng	# 1
70) Phenanthrene	11.98	178	134780	12.16	ng	97
71) Anthracene	12.02	178	40657	3.79	ng	98
74) Fluoranthene	13.23	202	428073	34.92	ng	95
87) Benzo(b)fluoranthene	16.42	252	53526	831.17	ng	# 89
88) Benzo(k)fluoranthene	16.42	252	53526	814.98	ng	# 90
89) Benzo(a)pyrene	16.87	252	91370	1491.90	ng	# 93
90) Dibenzo(a,h)anthracene	19.04	278	35261	585.71	ng	98
91) Benzo(g,h,i)perylene	19.47	276	2038	32.72	ng	# 60

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

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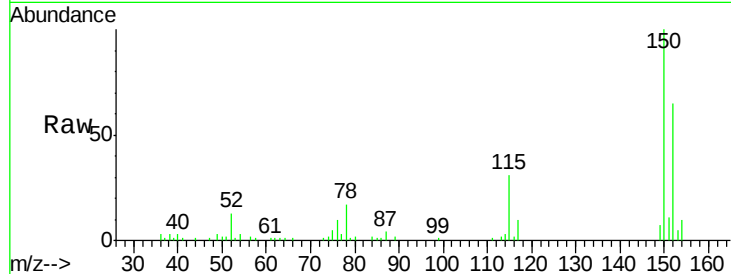


#1

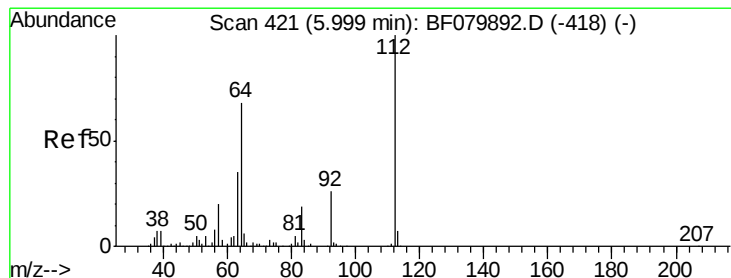
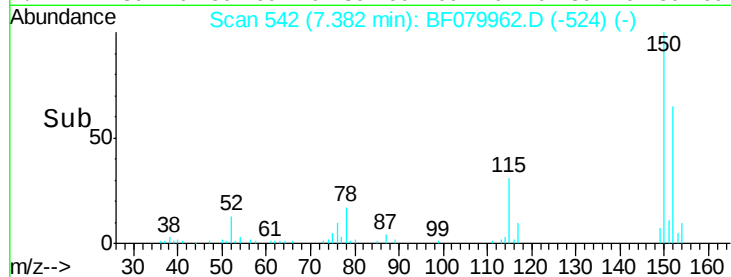
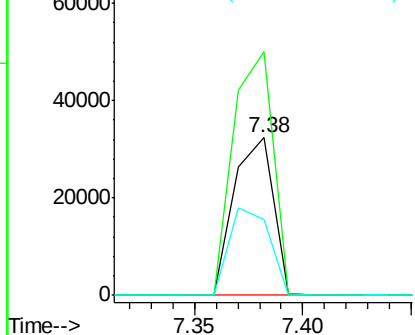
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Tgt Ion:152 Resp: 40385
Ion Ratio Lower Upper
152 100
150 154.7 131.0 196.4
115 48.0 49.8 74.6#



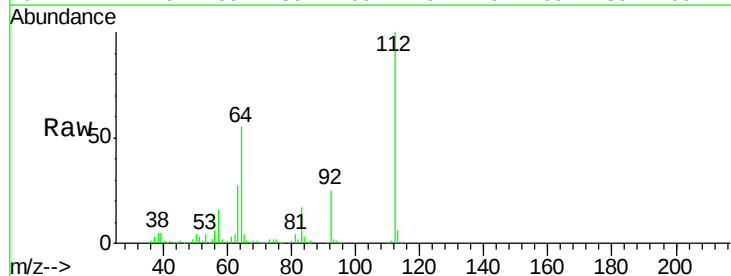
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



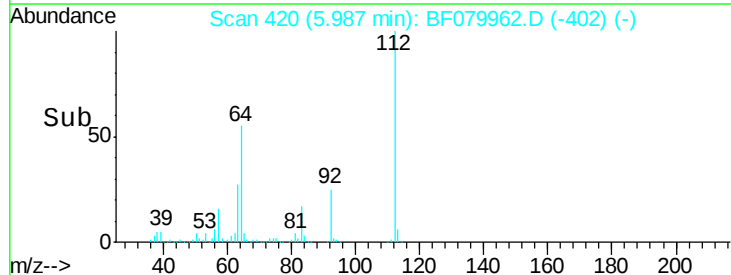
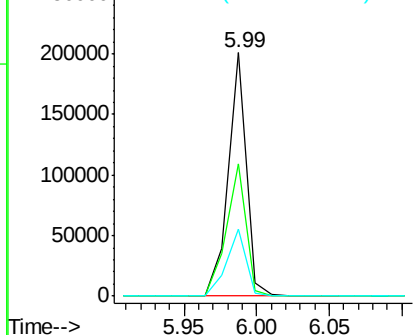
#5

2-Fluorophenol
Concen: 78.96 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:112 Resp: 173896
Ion Ratio Lower Upper
112 100
64 54.6 54.5 81.7
63 27.3 27.9 41.9#



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: 76.90 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079962.D

Acq: 13 Jun 2015 6:48

Instrument :

BNA_F

ClientSampleId :

TEC-C2

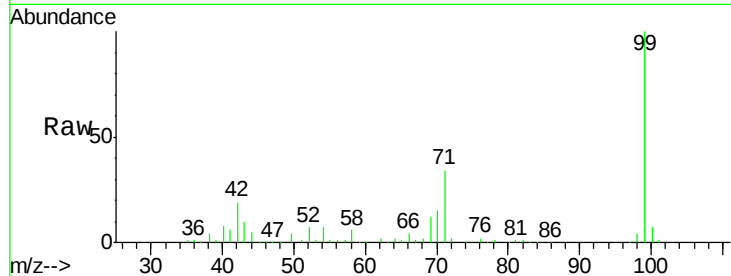
Tgt Ion: 99 Resp: 230756

Ion Ratio Lower Upper

99 100

42 19.2 12.9 19.3

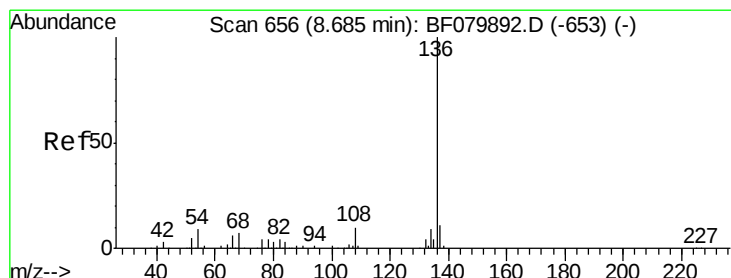
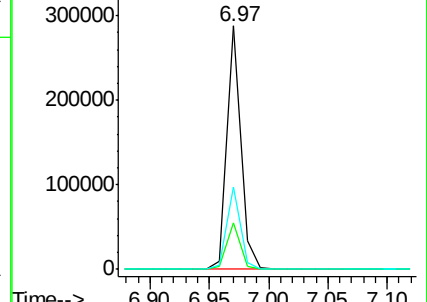
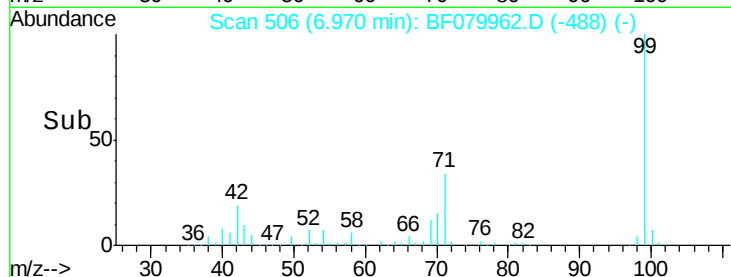
71 34.1 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF079962.D (-488) (-)

Ion 42.00 (41.70 to 42.70): BF079962.D (-488) (-)

Ion 71.00 (70.70 to 71.70): BF079962.D (-488) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079962.D

Acq: 13 Jun 2015 6:48

Tgt Ion: 136 Resp: 160628

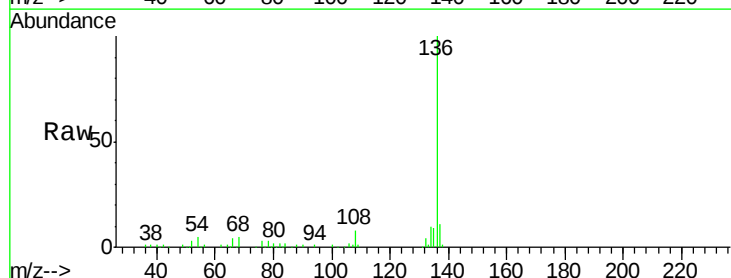
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.5 7.3 10.9#

68 4.7 5.9 8.9#

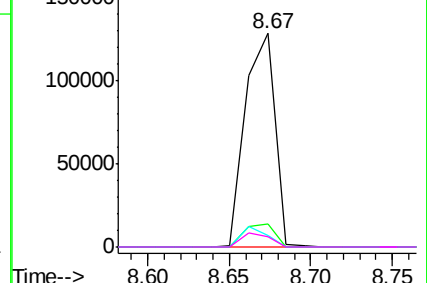
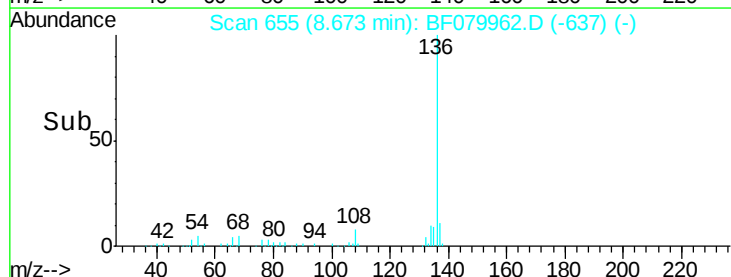


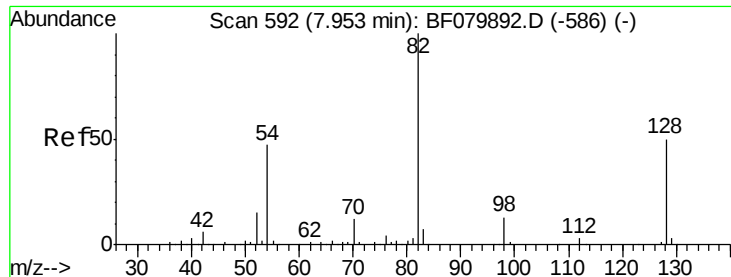
Abundance Ion 136.00 (135.70 to 136.70): BF079962.D (-637) (-)

Ion 137.00 (136.70 to 137.70): BF079962.D (-637) (-)

Ion 54.00 (53.70 to 54.70): BF079962.D (-637) (-)

Ion 68.00 (67.70 to 68.70): BF079962.D (-637) (-)

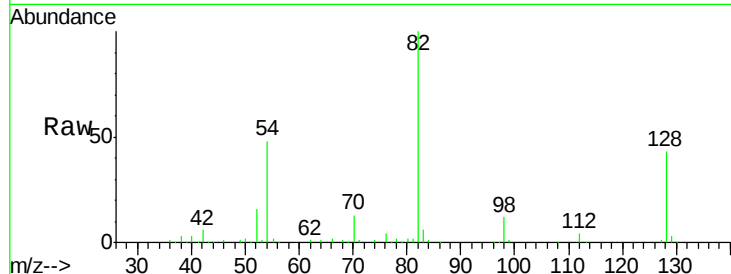




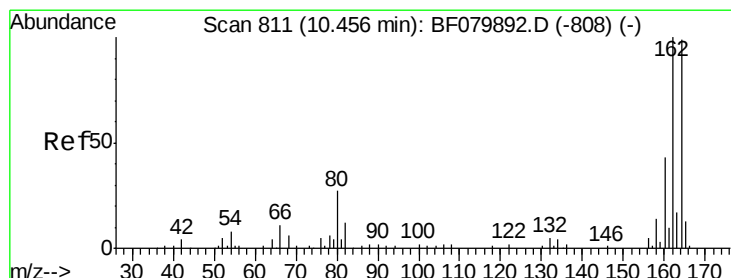
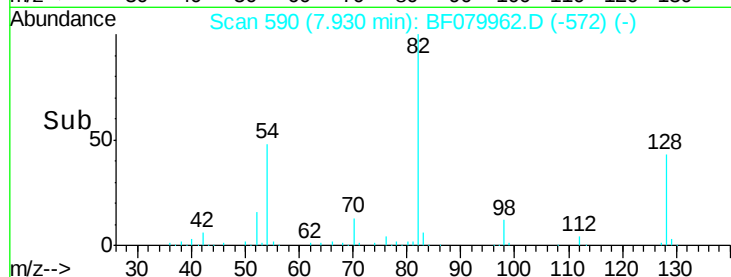
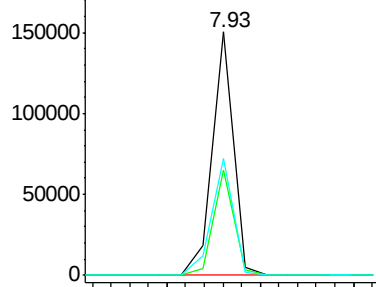
#23
 Nitrobenzene-d5
 Concen: 49.17 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079962.D
 Acq: 13 Jun 2015 6:48

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C2

Tgt Ion: 82 Resp: 119714
 Ion Ratio Lower Upper
 82 100
 128 43.4 40.3 60.5
 54 47.8 38.0 57.0

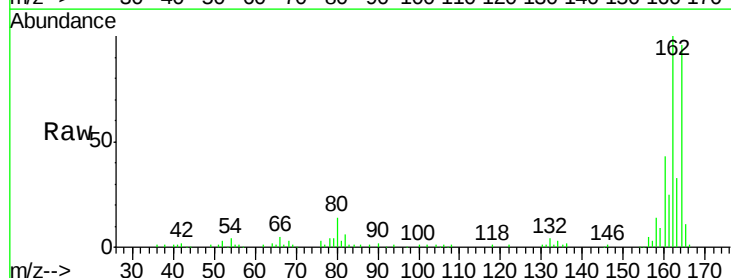


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

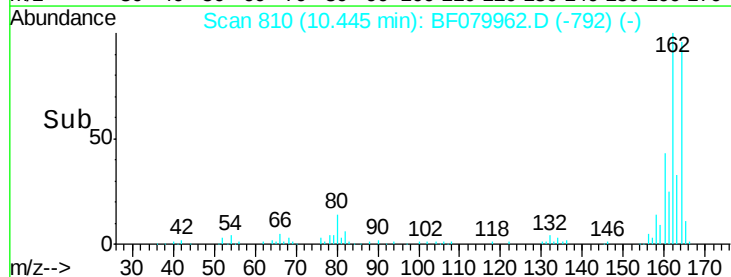
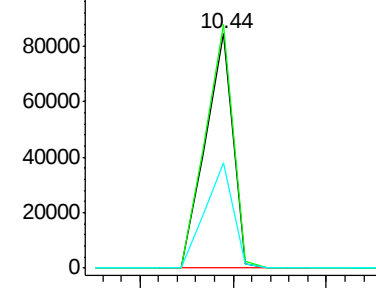


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079962.D
 Acq: 13 Jun 2015 6:48

Tgt Ion: 164 Resp: 86877
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.7 121.1
 160 44.8 34.6 51.8



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

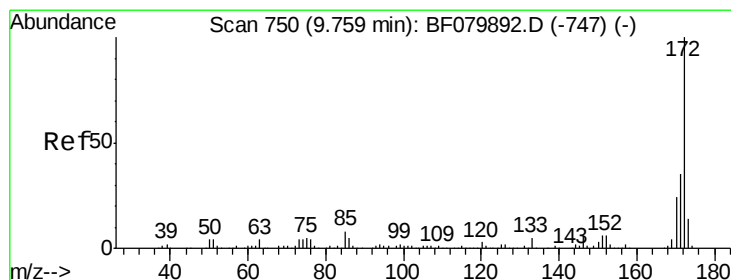
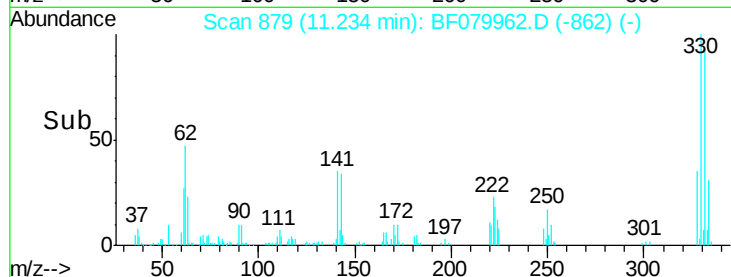
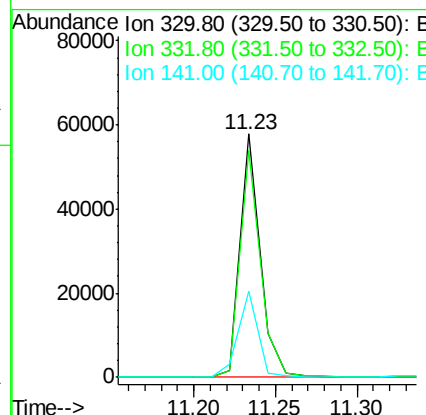
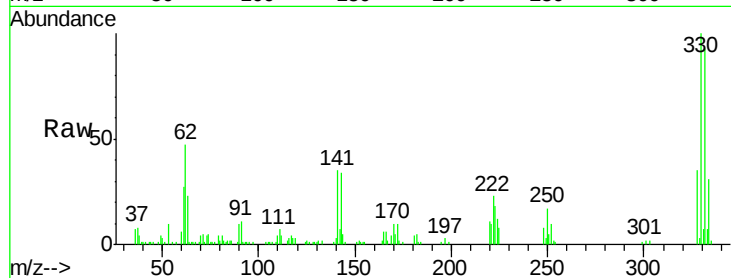




#41
 2,4,6-Tribromophenol
 Concen: 57.73 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079962.D
 Acq: 13 Jun 2015 6:48

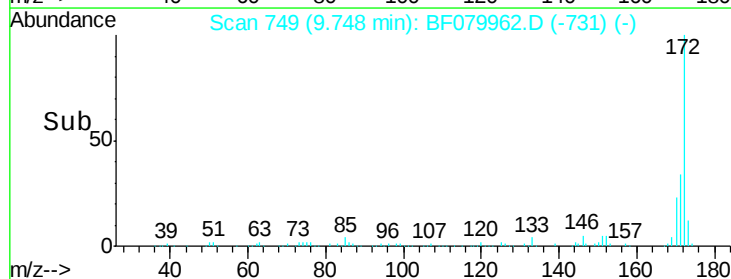
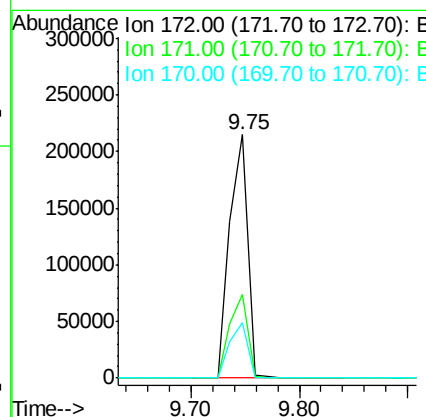
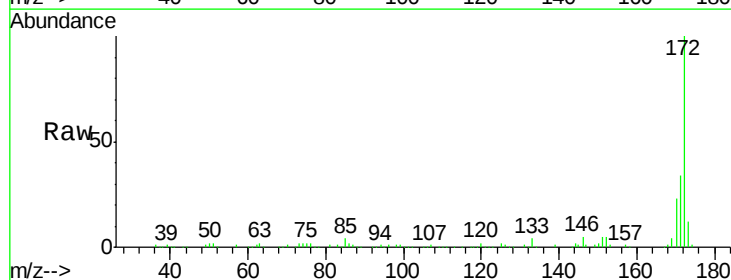
Instrument :
 BNA_F
 ClientSampleId :
 TEC-C2

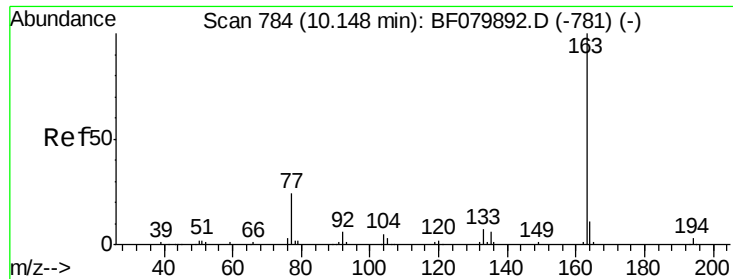
Tgt Ion: 330 Resp: 49031
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.3 115.9
 141 34.9 26.8 40.2



#44
 2-Fluorobiphenyl
 Concen: 39.88 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079962.D
 Acq: 13 Jun 2015 6:48

Tgt Ion: 172 Resp: 247445
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.3 42.5
 170 22.7 19.0 28.4

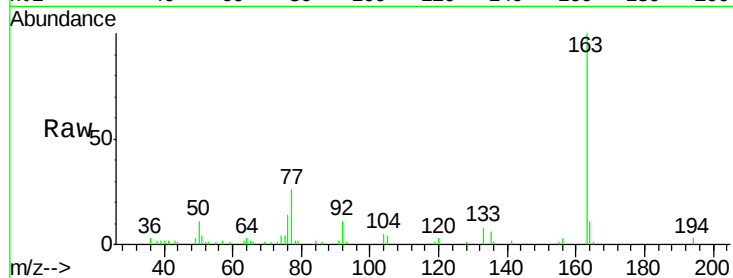




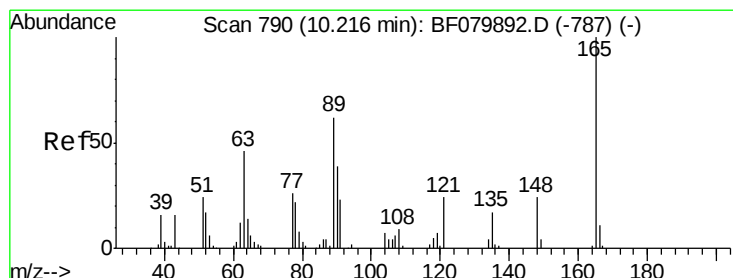
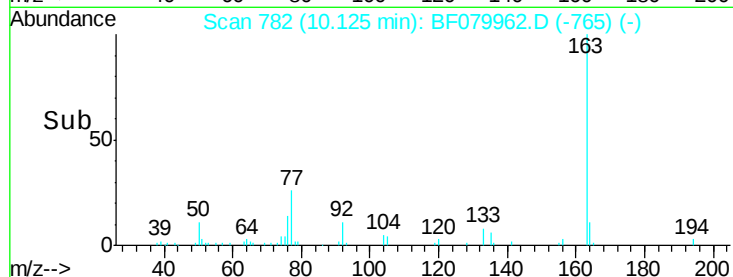
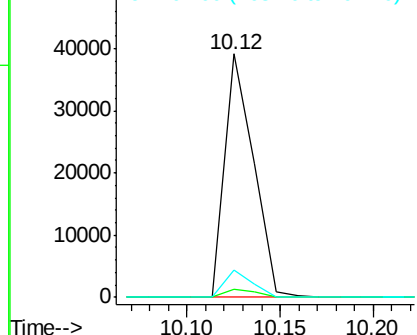
#49
Dimethylphthalate
Concen: 6.08 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampled :
TEC-C2

Tgt Ion:163 Resp: 42286
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 11.0 8.6 12.8

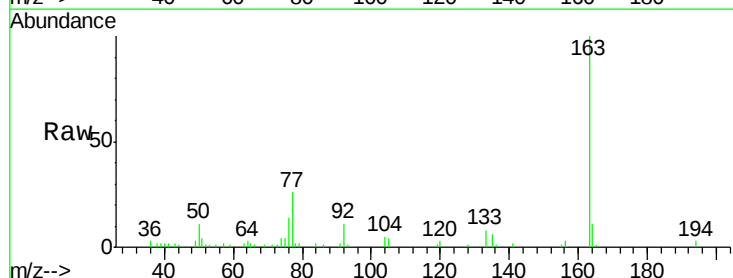


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

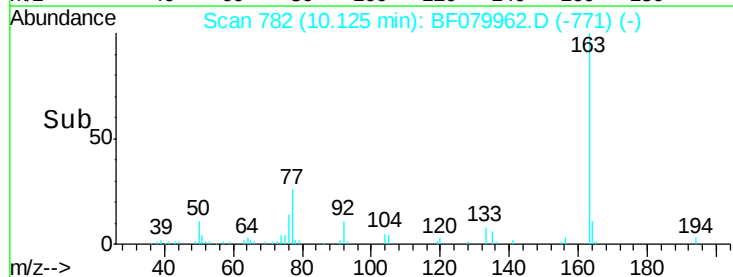
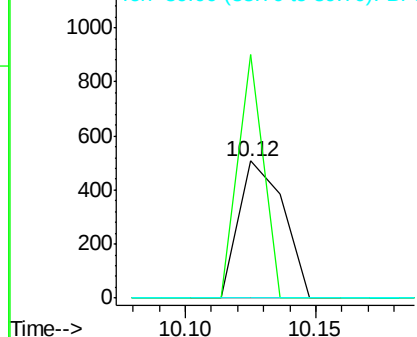


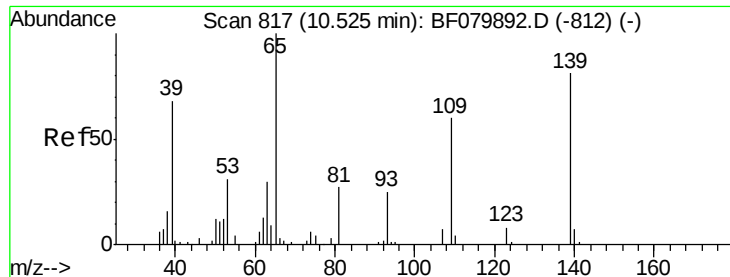
#50
2,6-Dinitrotoluene
Concen: 3.50 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.08 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:165 Resp: 611
Ion Ratio Lower Upper
165 100
63 178.1 46.4 69.6#
89 0.0 49.6 74.4#



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

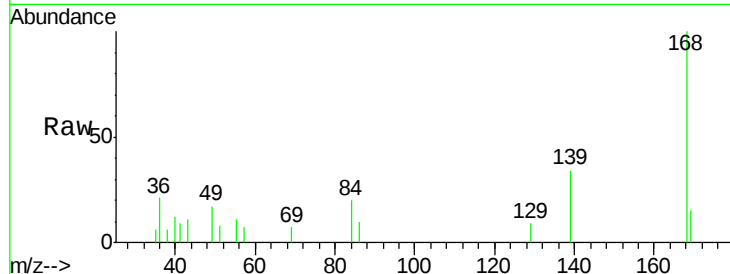




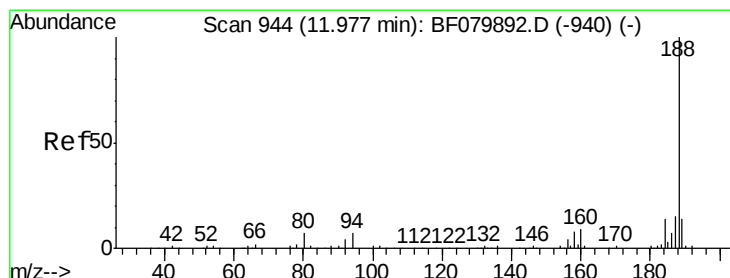
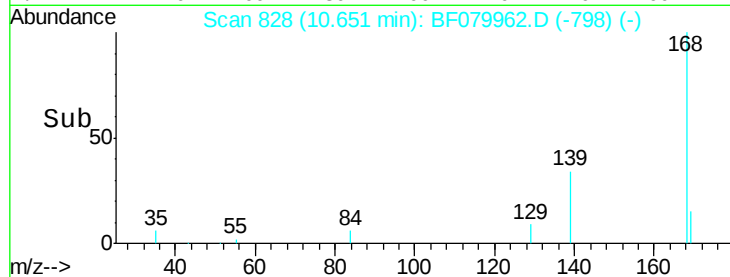
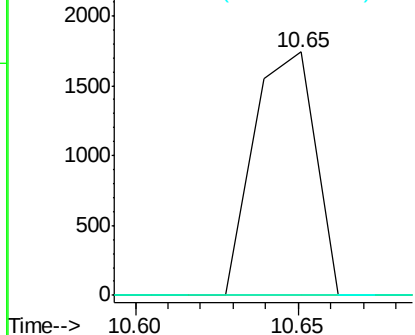
#55
4-Nitrophenol
Concen: 4.53 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.14 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Tgt Ion:139 Resp: 2255
Ion Ratio Lower Upper
139 100
109 0.0 54.8 94.8#
65 0.0 104.8 144.8#

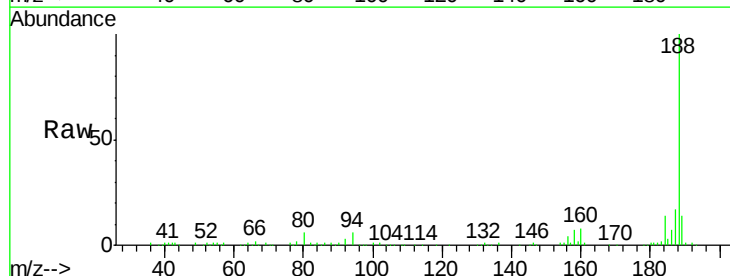


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

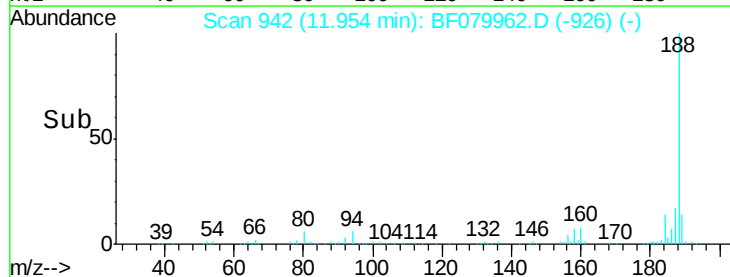
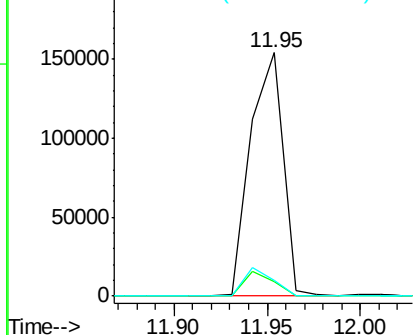


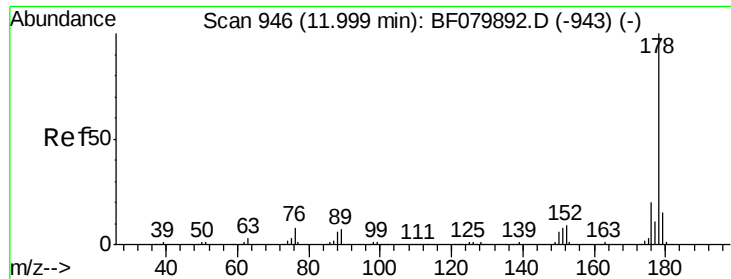
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:188 Resp: 186047
Ion Ratio Lower Upper
188 100
94 6.0 5.8 8.8
80 6.4 5.9 8.9



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

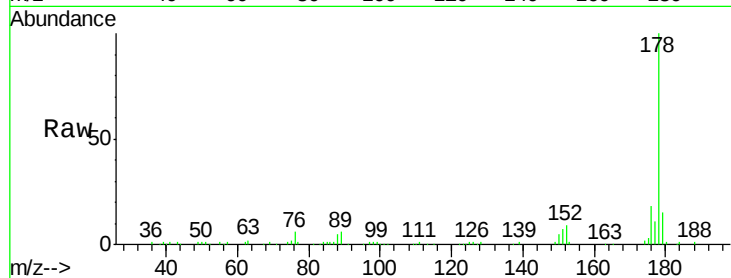




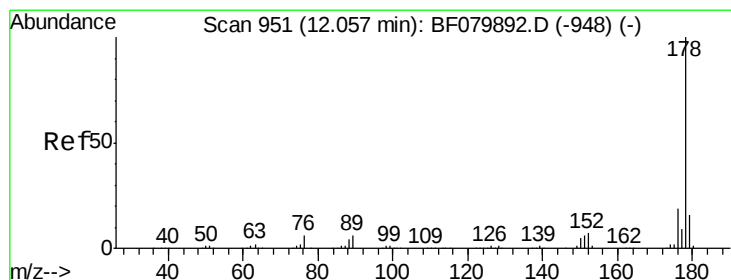
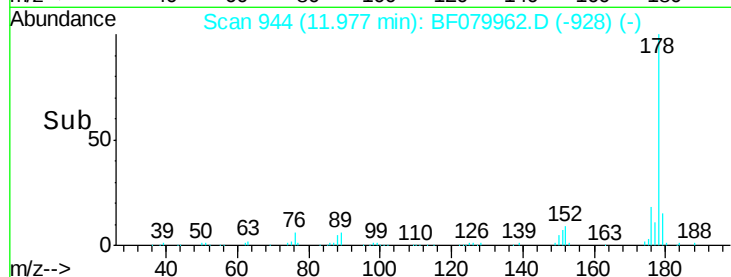
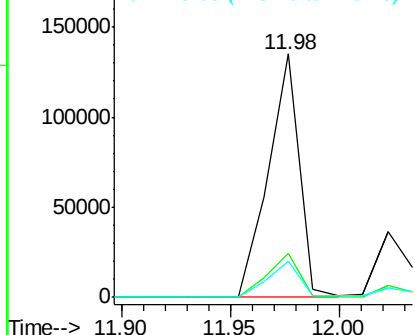
#70
Phenanthrene
Concen: 12.16 ng
RT: 11.98 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Tgt Ion:178 Resp: 134780
Ion Ratio Lower Upper
178 100
176 17.9 15.9 23.9
179 15.0 12.3 18.5

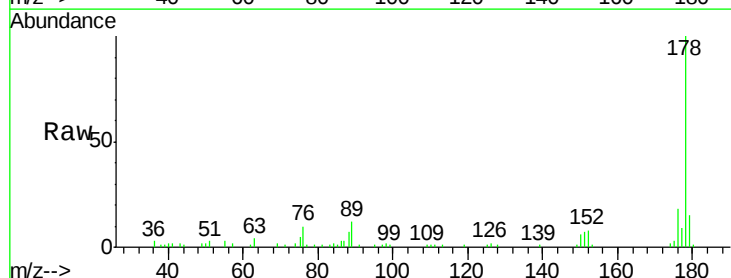


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

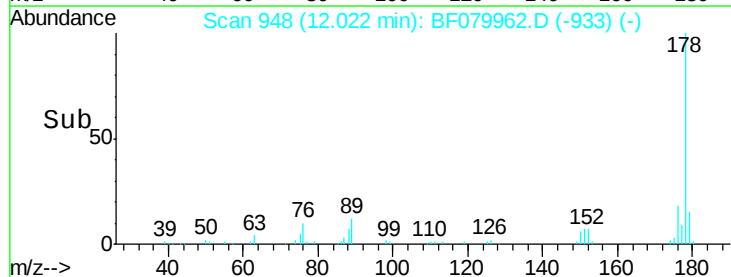
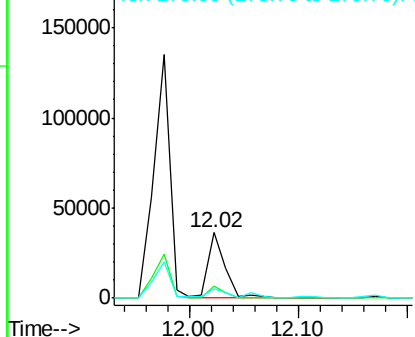


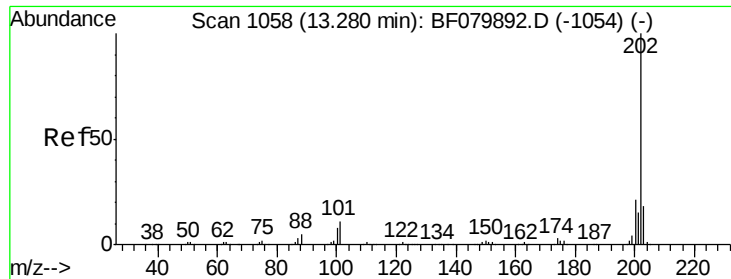
#71
Anthracene
Concen: 3.79 ng
RT: 12.02 min Scan# 948
Delta R.T. -0.03 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:178 Resp: 40657
Ion Ratio Lower Upper
178 100
176 18.0 15.2 22.8
179 14.9 12.5 18.7



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

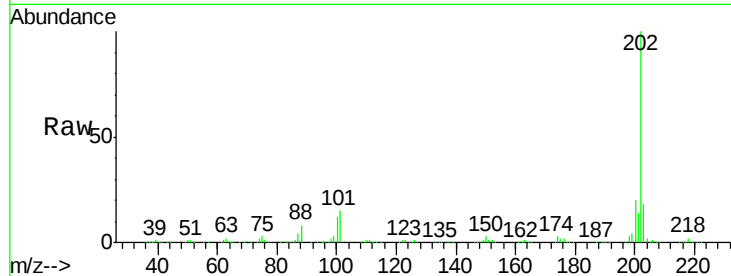




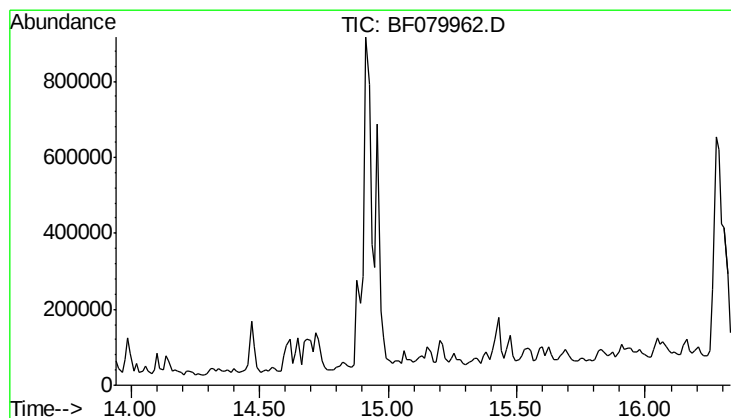
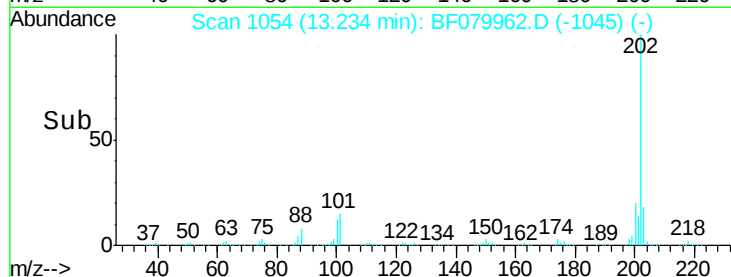
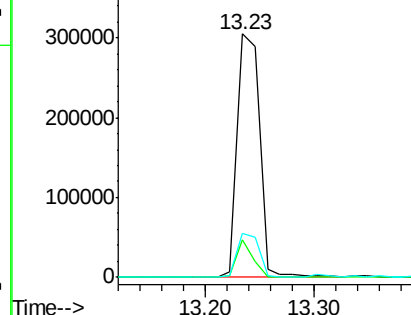
#74
Fluoranthene
Concen: 34.92 ng
RT: 13.23 min Scan# 1054
Delta R.T. -0.10 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampled :
TEC-C2

Tgt Ion: 202 Resp: 428073
Ion Ratio Lower Upper
202 100
101 15.5 0.0 30.7
203 18.1 0.0 38.0



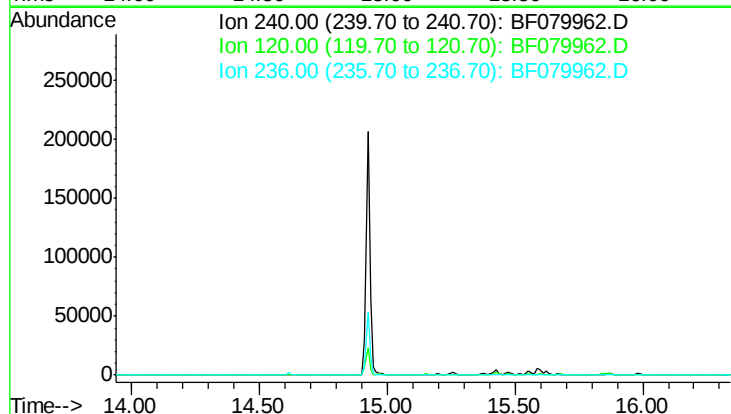
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

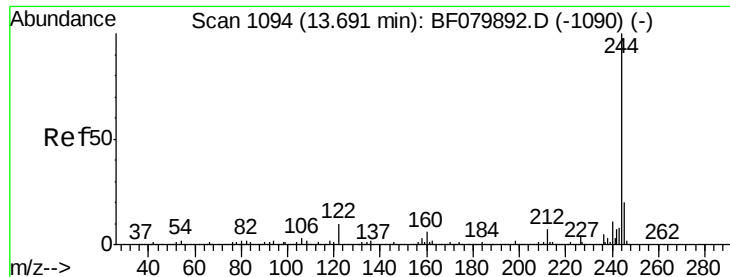


#75
Chrysene-d12
Concen: 0.00 ng
Expected RT: 15.14 min

Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion: 240
Sig Exp Ratio
240 100
120 11.8
236 24.5





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 13.65 min Scan# 1090

Delta R.T. -0.13 min

Lab File: BF079962.D

Acq: 13 Jun 2015 6:48

Instrument :

BNA_F

ClientSampleId :

TEC-C2

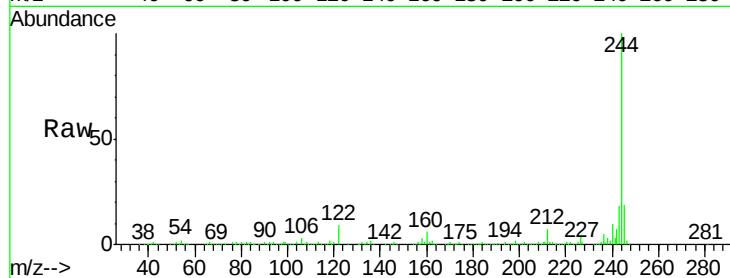
Tgt Ion:244 Resp: 312107

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

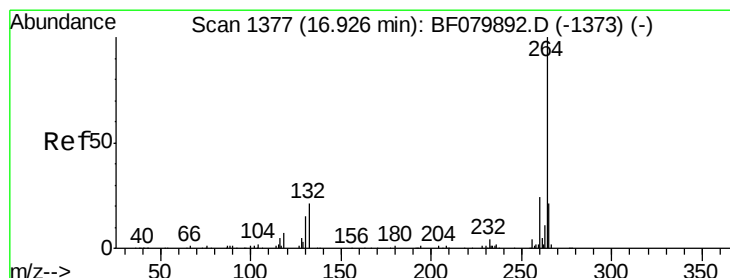
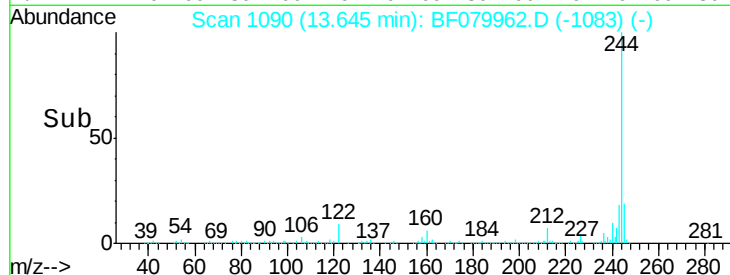
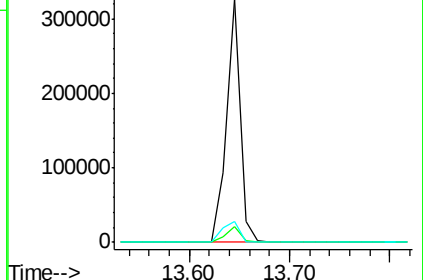
122 8.6 7.8 11.8



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: 17.05 min Scan# 1388

Delta R.T. -0.05 min

Lab File: BF079962.D

Acq: 13 Jun 2015 6:48

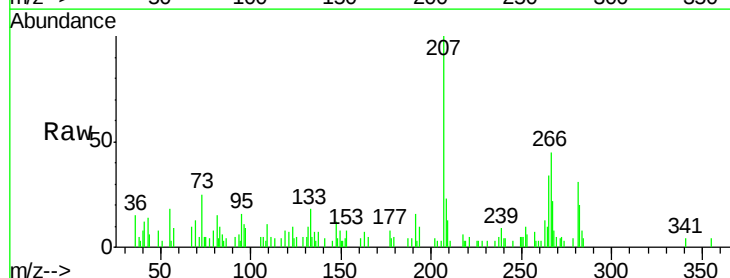
Tgt Ion:264 Resp: 1051

Ion Ratio Lower Upper

264 100

260 0.0 19.3 28.9#

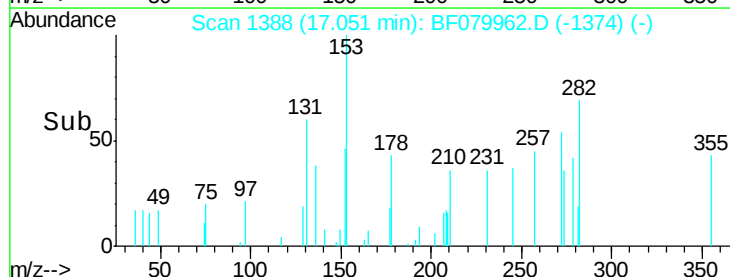
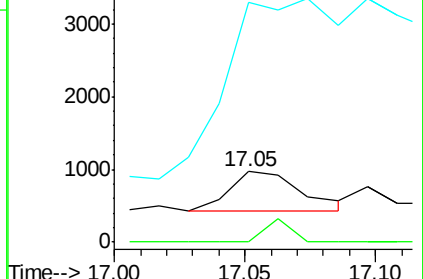
265 339.8 17.0 25.6#

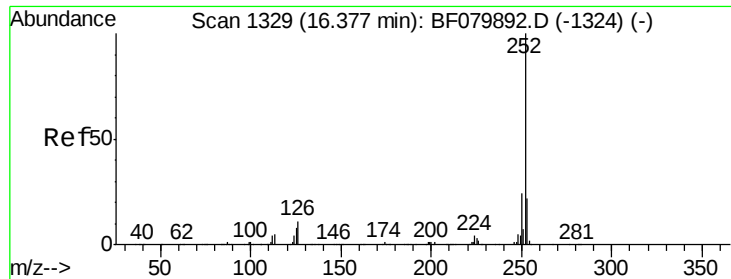


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

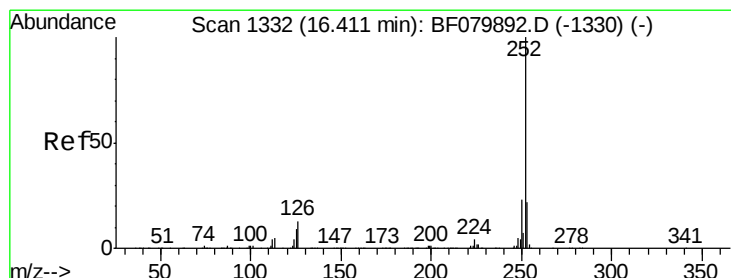
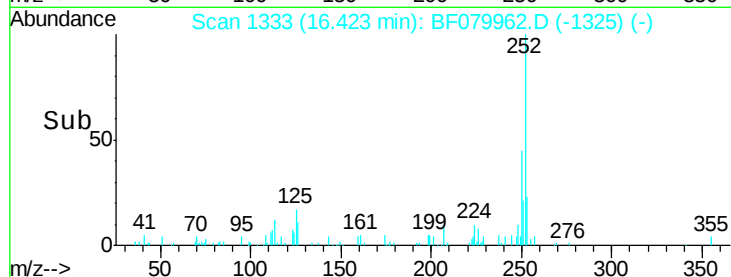
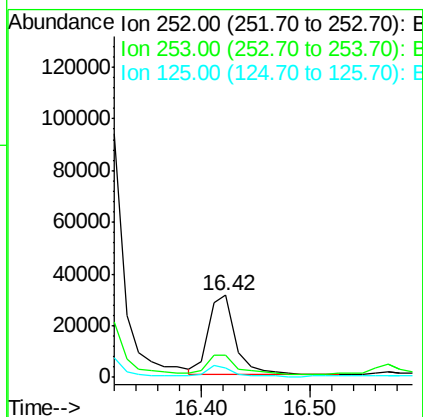
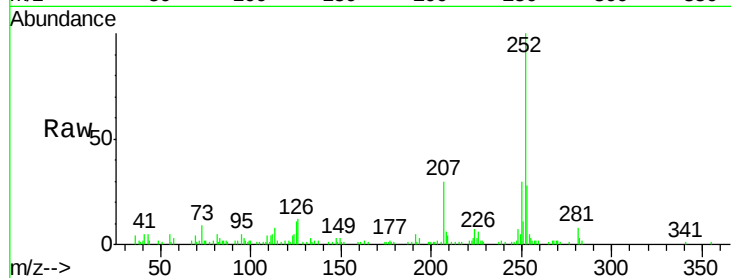




#87
Benzo(b)fluoranthene
Concen: 831.17 ng
RT: 16.42 min Scan# 1333
Delta R.T. -0.11 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

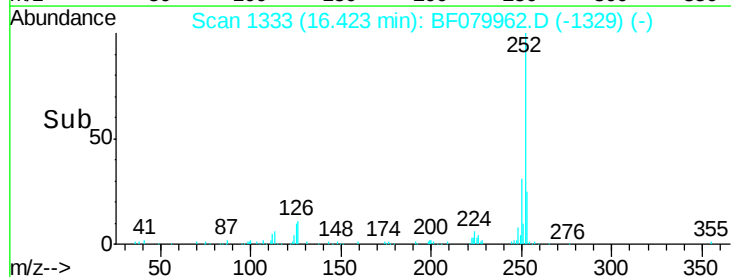
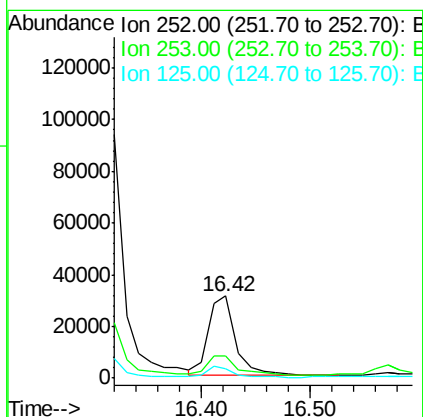
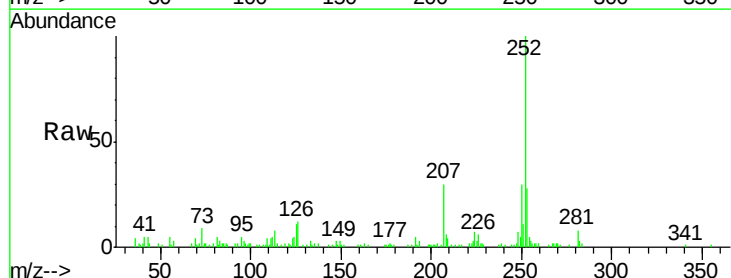
Instrument :
BNA_F
ClientSampleId :
TEC-C2

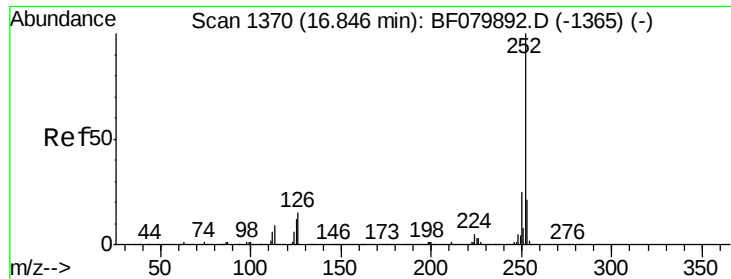
Tgt Ion:252 Resp: 53526
Ion Ratio Lower Upper
252 100
253 27.6 17.8 26.6#
125 11.3 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 814.98 ng
RT: 16.42 min Scan# 1333
Delta R.T. -0.16 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:252 Resp: 53526
Ion Ratio Lower Upper
252 100
253 27.6 17.4 26.2#
125 11.3 7.4 11.0#





#89

Benzo(a)pyrene

Concen: 1491.90 ng

RT: 16.87 min Scan# 1372

Delta R.T. -0.15 min

Lab File: BF079962.D

Acq: 13 Jun 2015 6:48

Instrument :

BNA_F

ClientSampleId :

TEC-C2

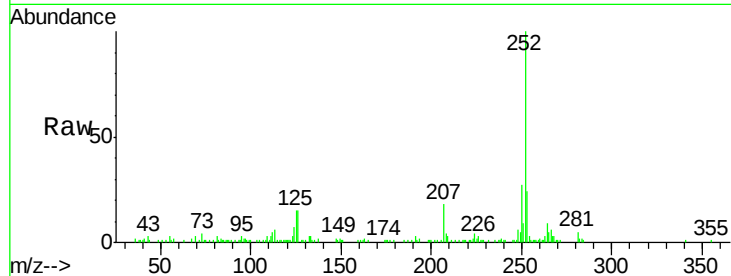
Tgt Ion:252 Resp: 91370

Ion Ratio Lower Upper

252 100

253 24.4 17.0 25.6

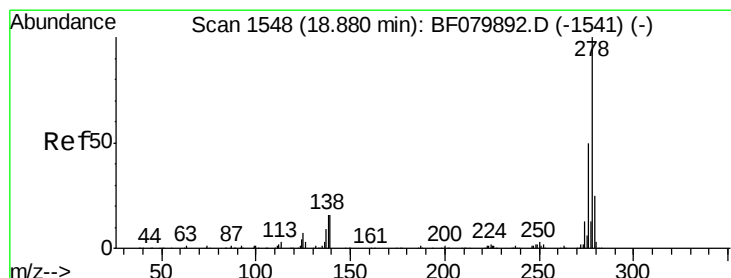
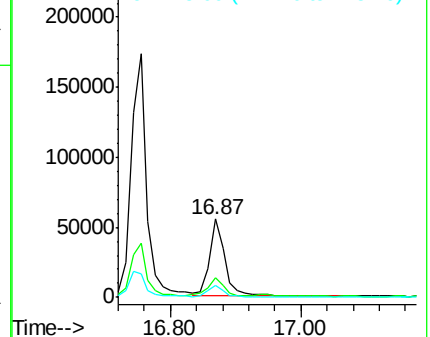
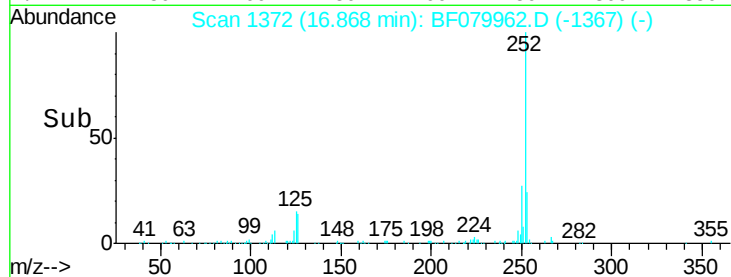
125 15.4 9.7 14.5#



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



#90

Dibenzo(a,h)anthracene

Concen: 585.71 ng

RT: 19.04 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF079962.D

Acq: 13 Jun 2015 6:48

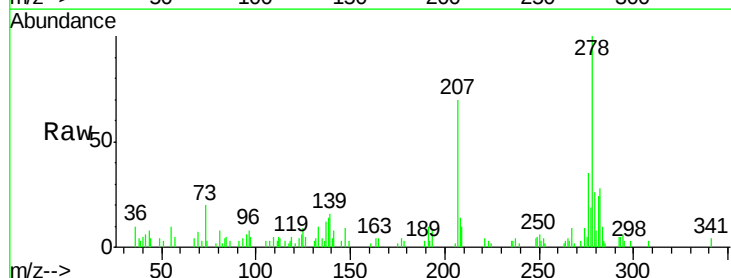
Tgt Ion:278 Resp: 35261

Ion Ratio Lower Upper

278 100

139 16.4 12.8 19.2

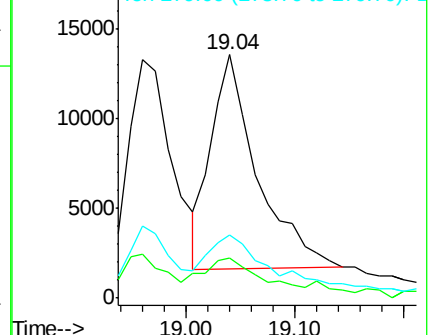
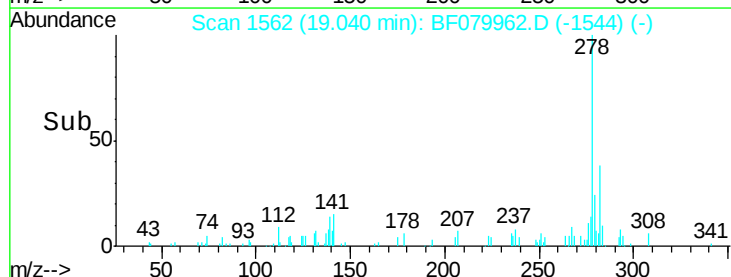
279 25.7 19.7 29.5

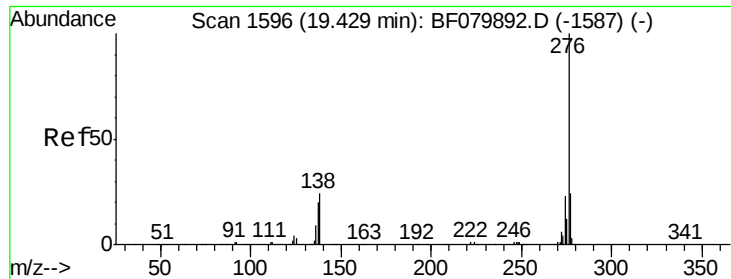


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 32.72 ng

RT: 19.47 min Scan# 1600

Delta R.T. -0.11 min

Lab File: BF079962.D

Acq: 13 Jun 2015 6:48

Instrument :

BNA_F

ClientSampleId :

TEC-C2

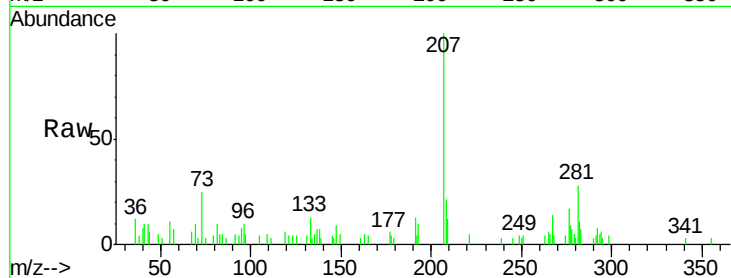
Tgt Ion: 276 Resp: 2038

Ion Ratio Lower Upper

276 100

277 49.5 19.4 29.2#

138 38.4 19.1 28.7#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

