

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082059.D
 Acq On : 5 Oct 2015 22:29
 Operator : UM/IZ
 Sample : G3891-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD-1

Quant Time: Oct 06 01:26:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	105107	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	406594	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	175984	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	304574	20.00	ng	0.00
75) Chrysene-d12	14.06	240	245182	20.00	ng	0.00
86) Perylene-d12	15.51	264	197838	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	652510	112.70	ng	0.01
7) Phenol-d6	6.51	99	770644	105.77	ng	0.00
23) Nitrobenzene-d5	7.45	82	500928	82.13	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	197430	110.77	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	903048	86.08	ng	0.00
78) Terphenyl-d14	13.01	244	775013	111.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	67546	15.25	ng	# 58
25) Isophorone	7.45	82	399472	33.04	ng	# 58
49) Dimethylphthalate	9.65	163	190397	15.67	ng	# 97
56) 2,4-Dinitrotoluene	9.92	165	21841	6.50	ng	# 33
57) Fluorene	10.47	166	9297	Below Cal		# 96
66) 4-Bromophenyl-phenylether	10.72	248	12512	4.07	ng	# 1
70) Phenanthrene	11.44	178	114866	6.41	ng	98
71) Anthracene	11.49	178	36838	2.38	ng	98
73) Di-n-butylphthalate	11.98	149	9368	Below Cal		# 94
74) Fluoranthene	12.63	202	219273	13.44	ng	87
77) Pyrene	12.86	202	222135	15.17	ng	97
80) Benzo(a)anthracene	14.05	228	111102	8.42	ng	# 86
82) Chrysene	14.08	228	105251	7.08	ng	94
85) Indeno(1,2,3-cd)pyrene	16.94	276	41391	4.01	ng	# 79
87) Benzo(b)fluoranthene	15.09	252	181315	16.05	ng	# 88
88) Benzo(k)fluoranthene	15.09	252	181315	17.51	ng	# 89
89) Benzo(a)pyrene	15.44	252	87904	8.97	ng	# 89
91) Benzo(g,h,i)perylene	17.36	276	42324	5.02	ng	# 78

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082059.D

Acq: 5 Oct 2015 22:29

Instrument :

BNA_F

ClientSampleId :

FD-1

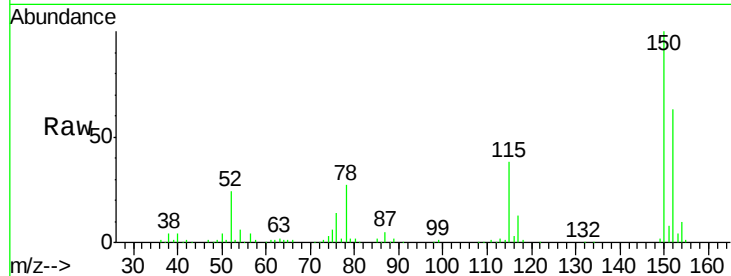
Tgt Ion:152 Resp: 105107

Ion Ratio Lower Upper

152 100

150 158.2 124.7 187.1

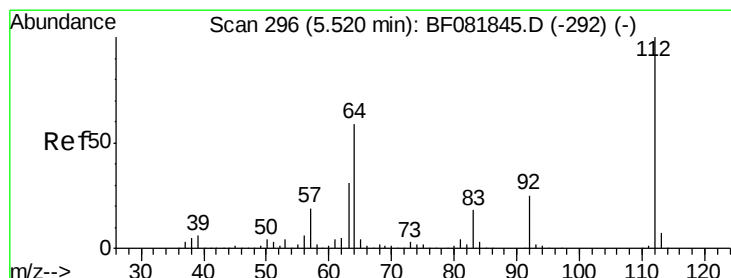
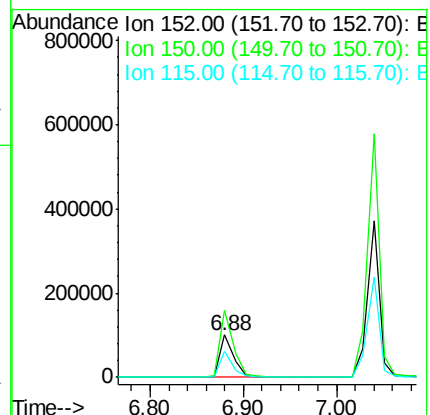
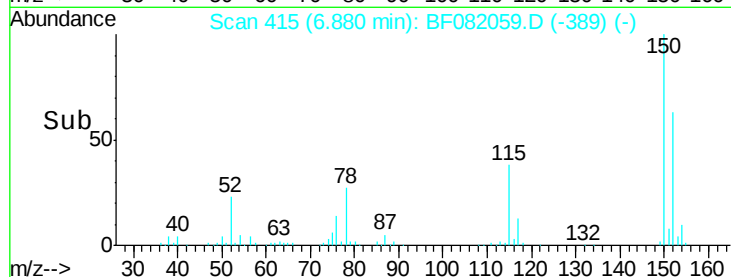
115 60.8 39.0 58.4#



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: 112.70 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082059.D

Acq: 5 Oct 2015 22:29

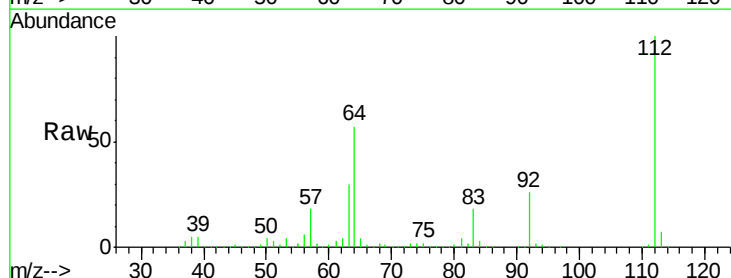
Tgt Ion:112 Resp: 652510

Ion Ratio Lower Upper

112 100

64 57.2 39.7 59.5

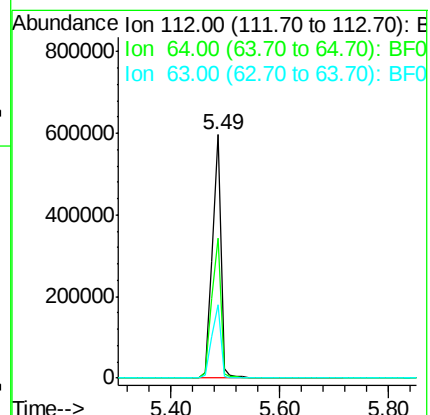
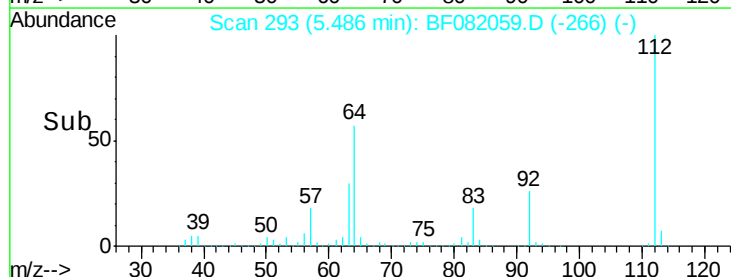
63 30.3 17.4 26.0#

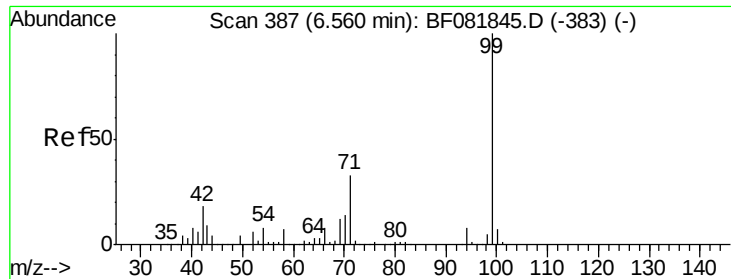


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.77 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082059.D

Acq: 5 Oct 2015 22:29

Instrument :

BNA_F

ClientSampled :

FD-1

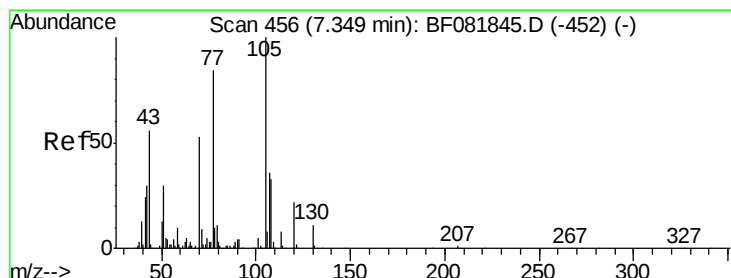
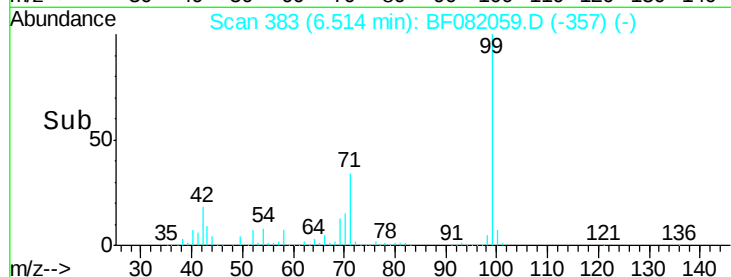
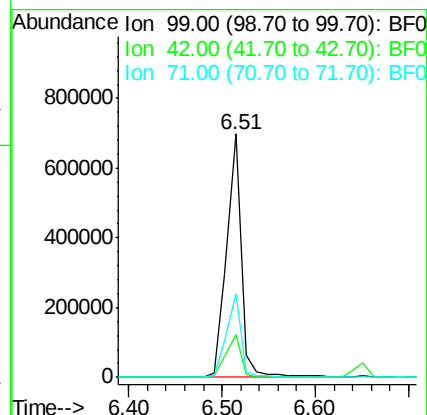
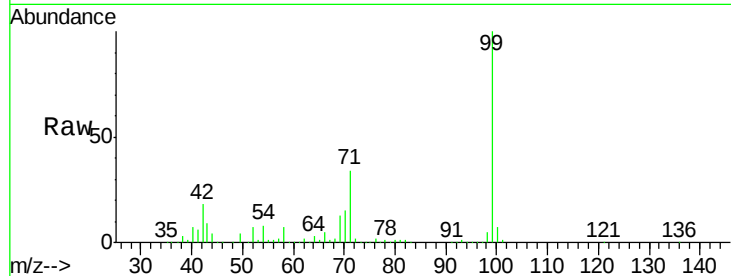
Tgt Ion: 99 Resp: 770644

Ion Ratio Lower Upper

99 100

42 17.6 13.7 20.5

71 34.3 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 15.25 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.15 min

Lab File: BF082059.D

Acq: 5 Oct 2015 22:29

Tgt Ion: 70 Resp: 67546

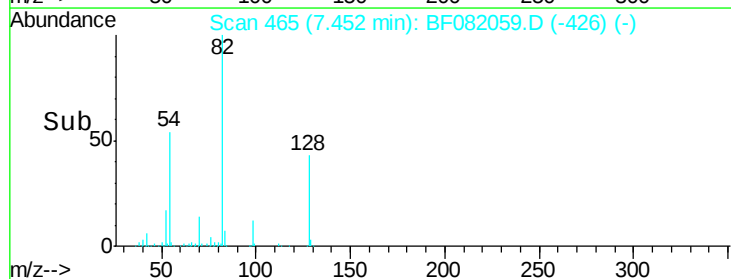
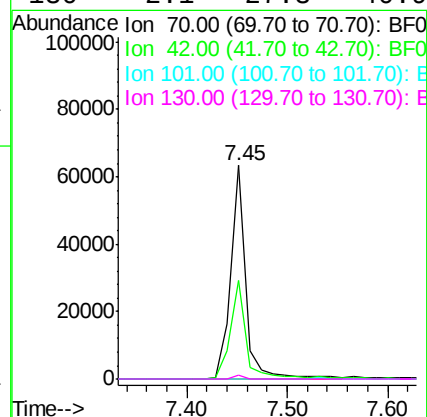
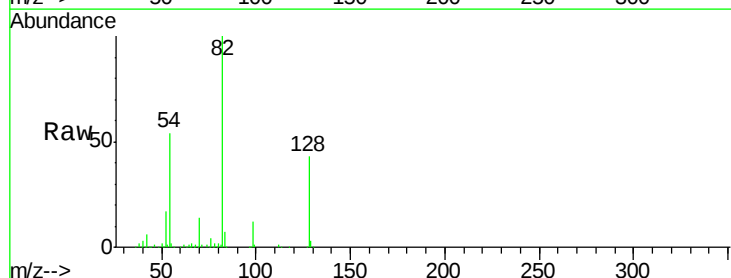
Ion Ratio Lower Upper

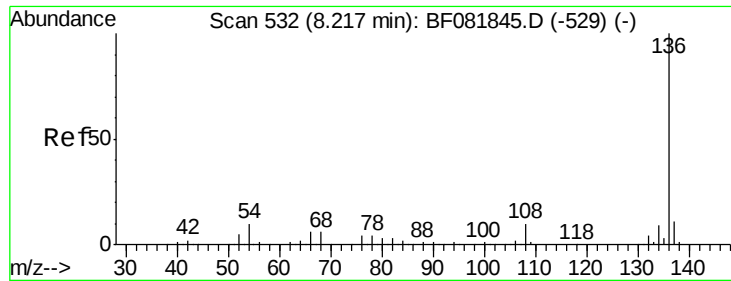
70 100

42 46.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

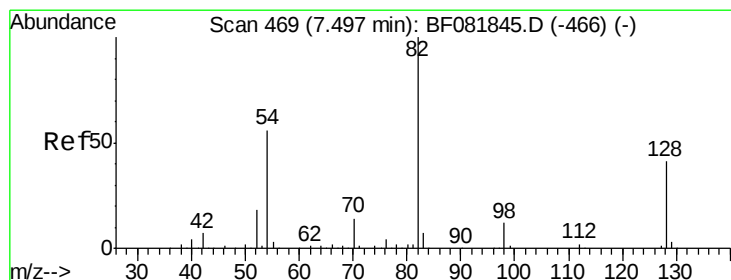
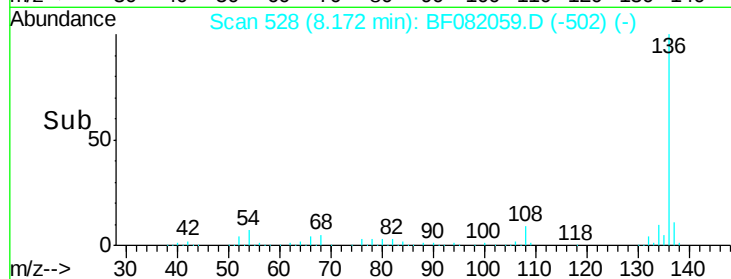
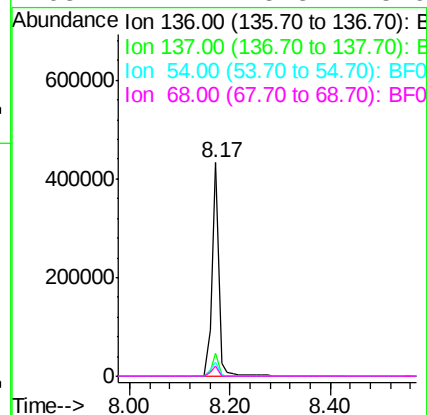
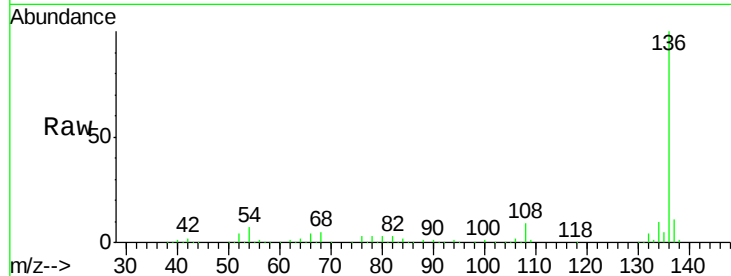




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082059.D
Acq: 5 Oct 2015 22:29

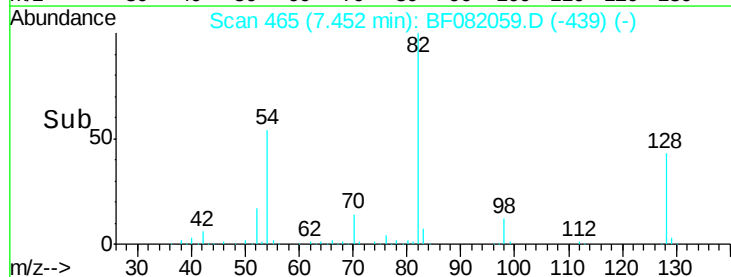
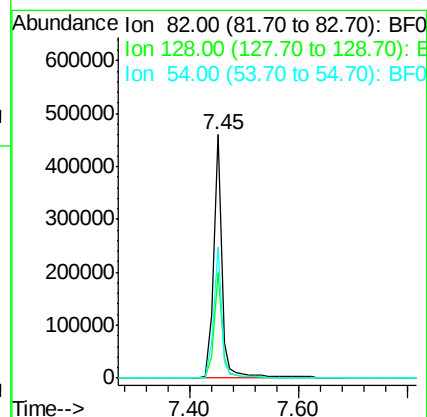
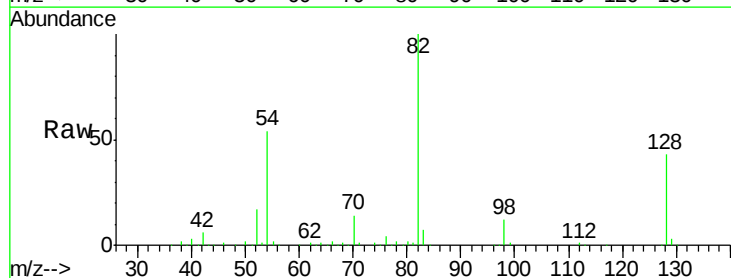
Instrument :
BNA_F
ClientSampleId :
FD-1

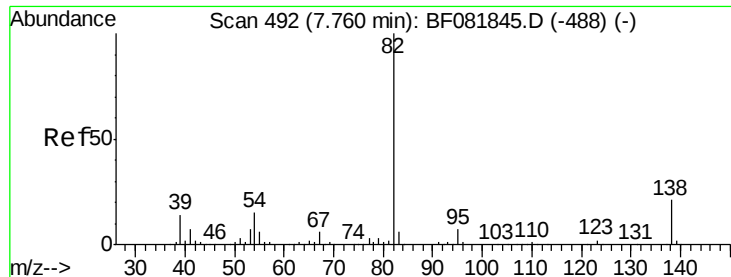
Tgt Ion:	136	Resp:	406594
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.6	8.2	12.2#
68	4.7	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 82.13 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082059.D
Acq: 5 Oct 2015 22:29

Tgt Ion:	82	Resp:	500928
Ion	Ratio	Lower	Upper
82	100		
128	43.1	51.0	76.6#
54	53.7	47.5	71.3





#25

Isophorone

Concen: 33.04 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF082059.D

Acq: 5 Oct 2015 22:29

Instrument :

BNA_F

ClientSampled :

FD-1

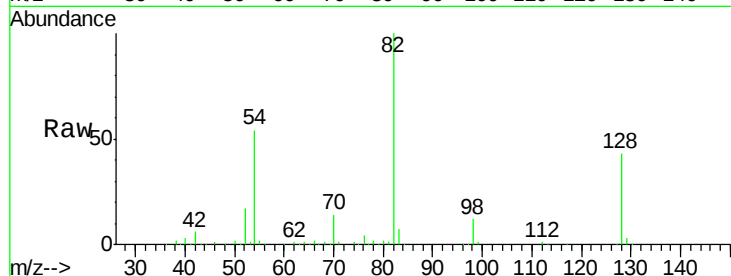
Tgt Ion: 82 Resp: 399472

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

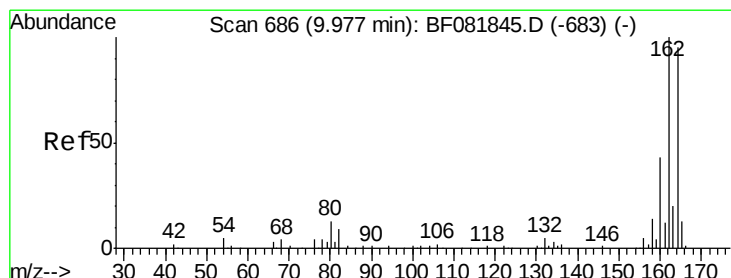
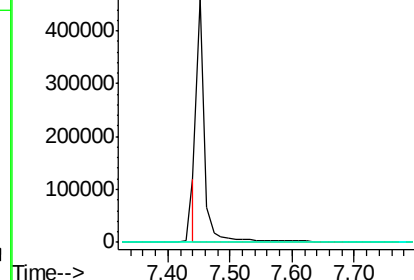
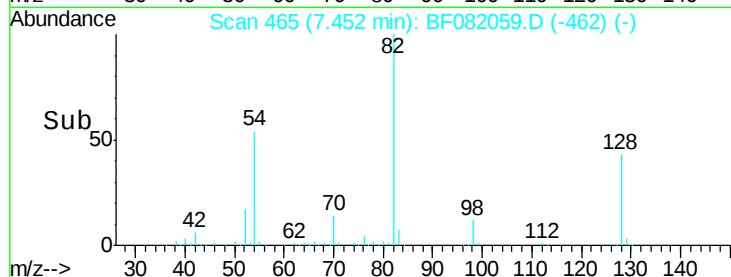
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF082059.D

Acq: 5 Oct 2015 22:29

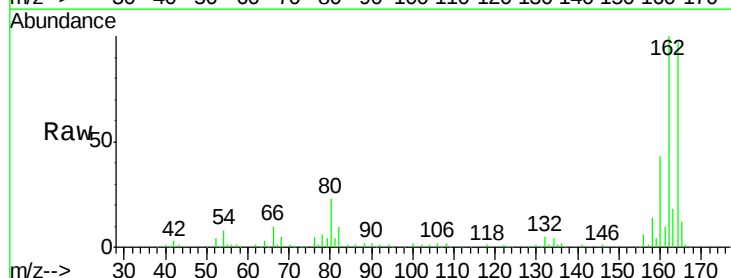
Tgt Ion: 164 Resp: 175984

Ion Ratio Lower Upper

164 100

162 103.1 75.2 112.8

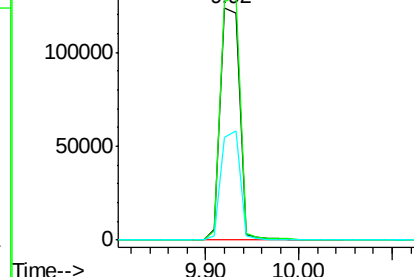
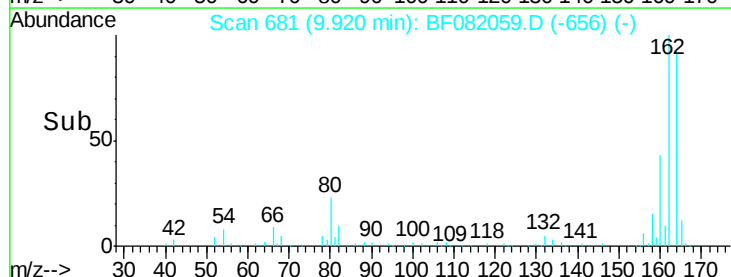
160 44.4 31.5 47.3

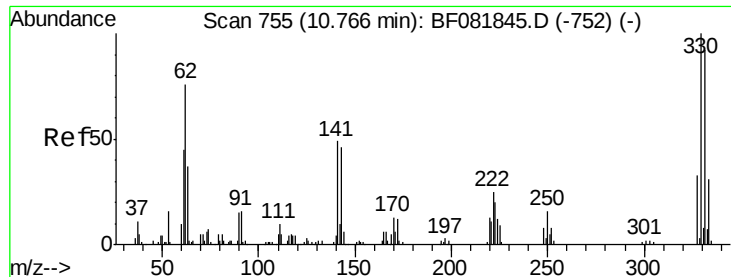


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

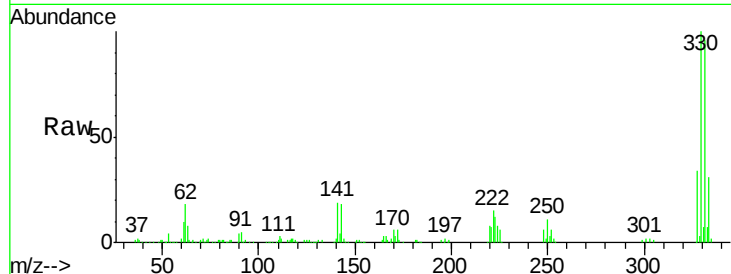




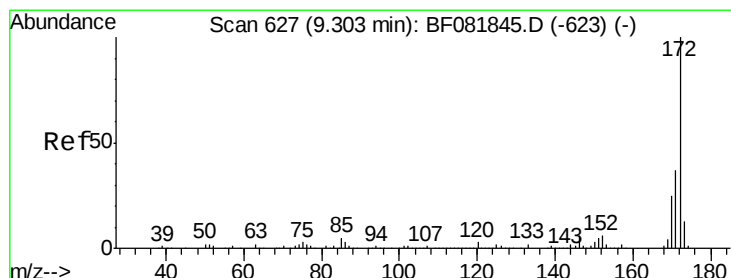
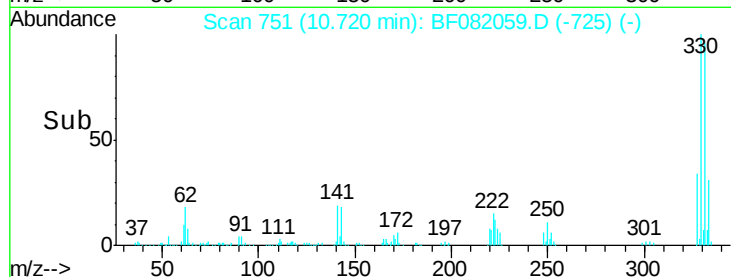
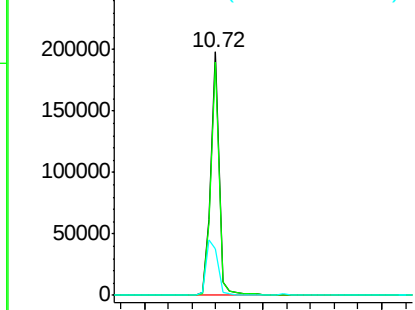
#41
 2,4,6-Tribromophenol
 Concen: 110.77 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082059.D
 Acq: 5 Oct 2015 22:29

Instrument :
 BNA_F
 ClientSampled :
 FD-1

Tgt Ion:330 Resp: 197430
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 32.6 29.7 44.5

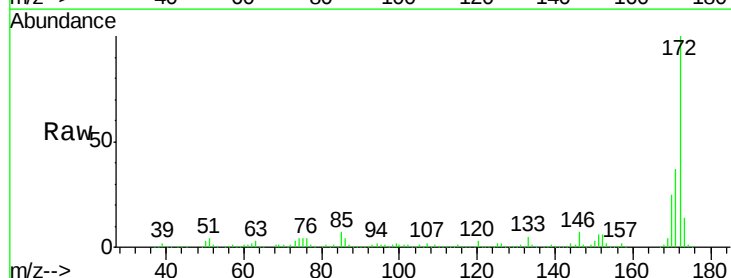


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

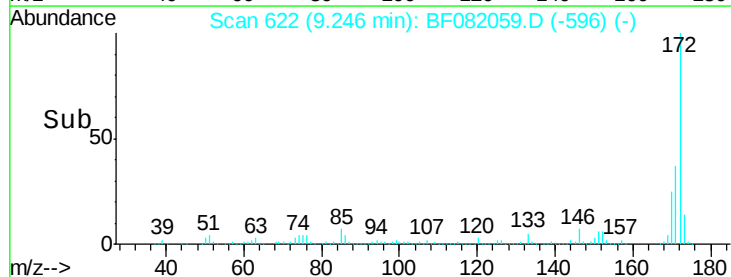
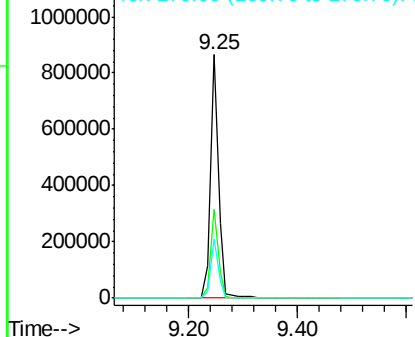


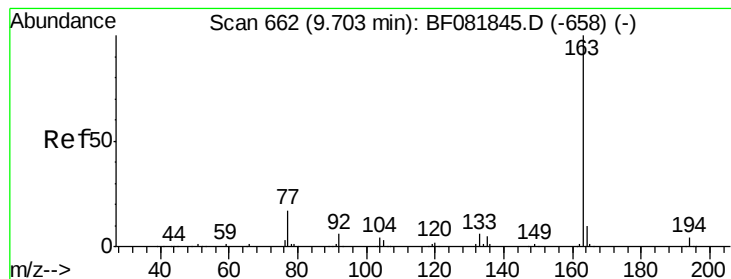
#44
 2-Fluorobiphenyl
 Concen: 86.08 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082059.D
 Acq: 5 Oct 2015 22:29

Tgt Ion:172 Resp: 903048
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.6 17.4 26.2



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: 15.67 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF082059.D

Acq: 5 Oct 2015 22:29

Instrument :

BNA_F

ClientSampled :

FD-1

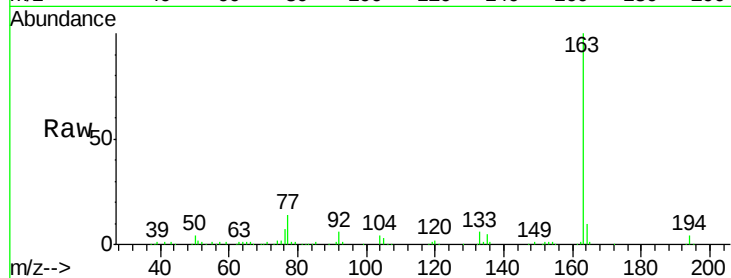
Tgt Ion:163 Resp: 190397

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

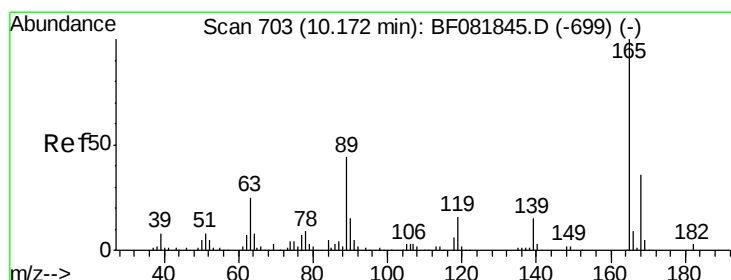
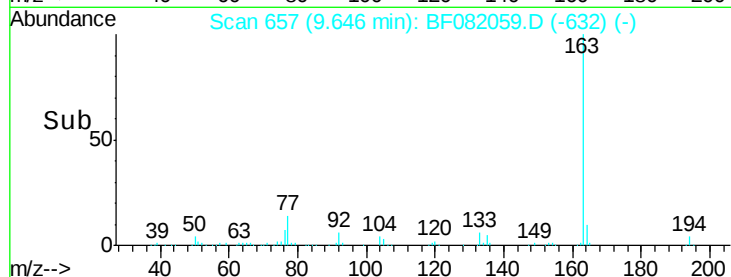
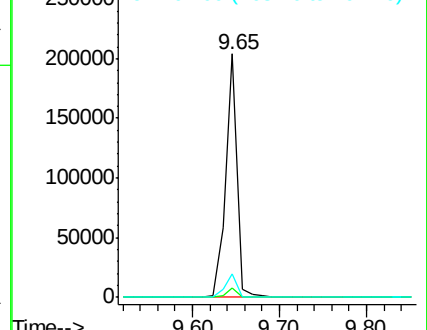
164 9.7 8.3 12.5



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: 6.50 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.21 min

Lab File: BF082059.D

Acq: 5 Oct 2015 22:29

Tgt Ion:165 Resp: 21841

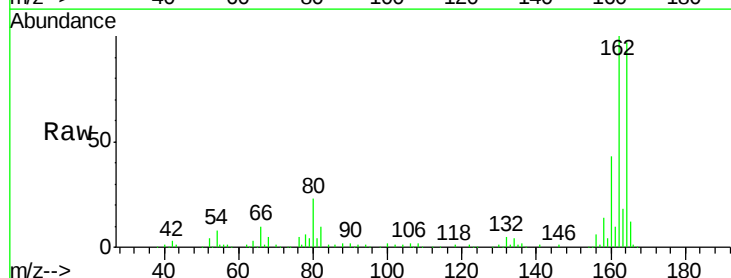
Ion Ratio Lower Upper

165 100

63 2.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

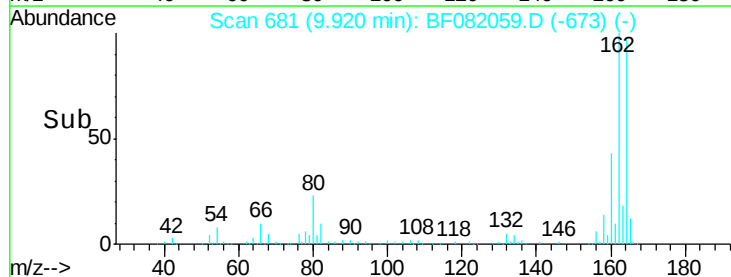
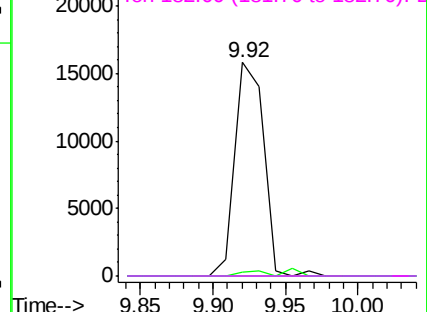


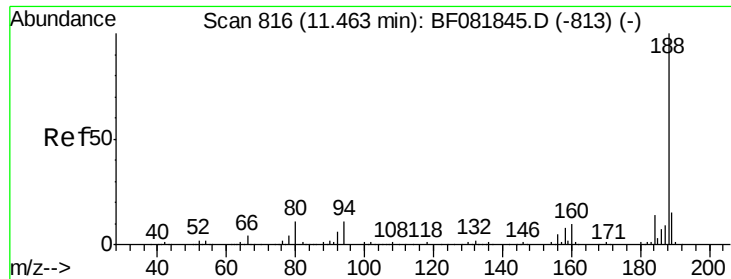
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

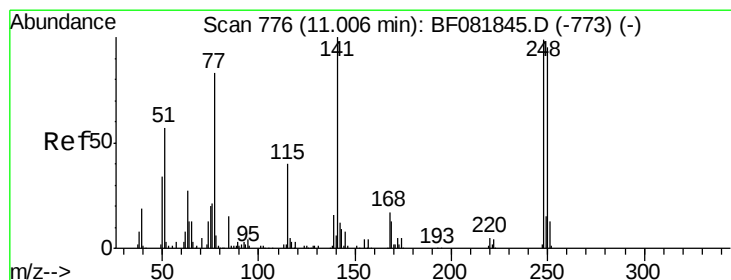
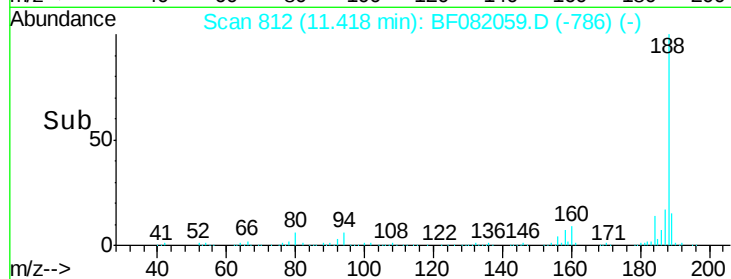
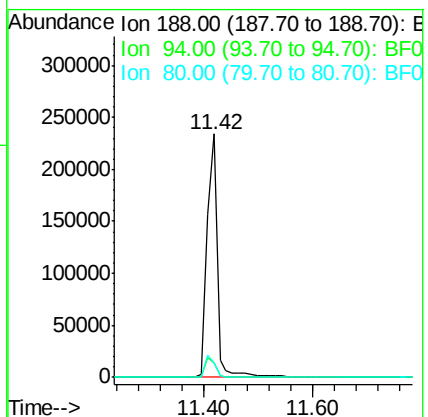
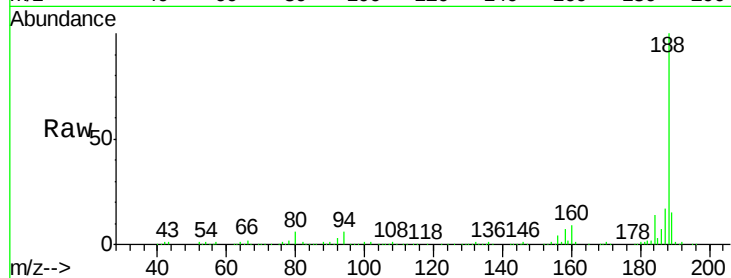




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF082059.D
 Acq: 5 Oct 2015 22:29

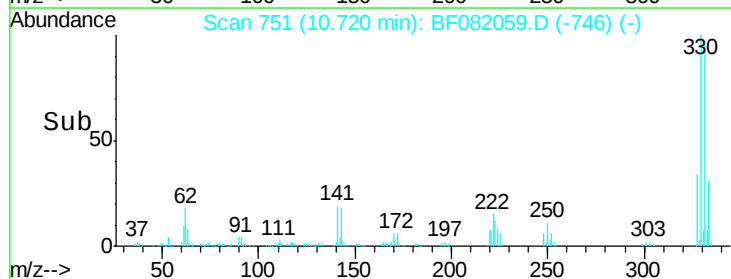
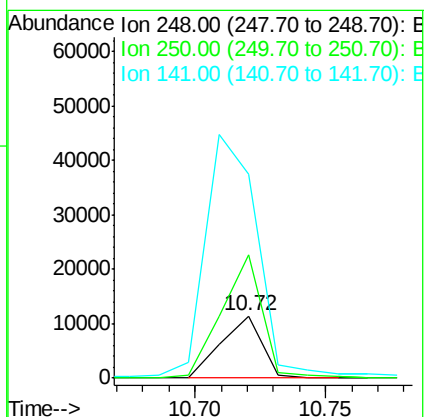
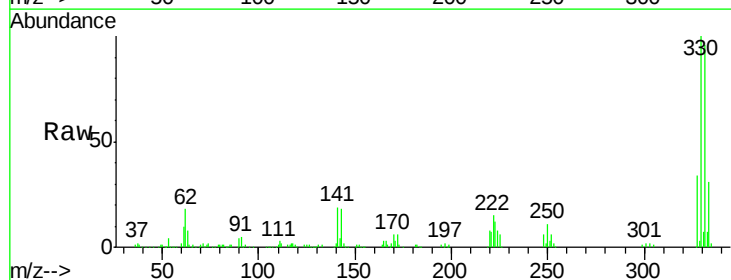
Instrument :
 BNA_F
 ClientSampleId :
 FD-1

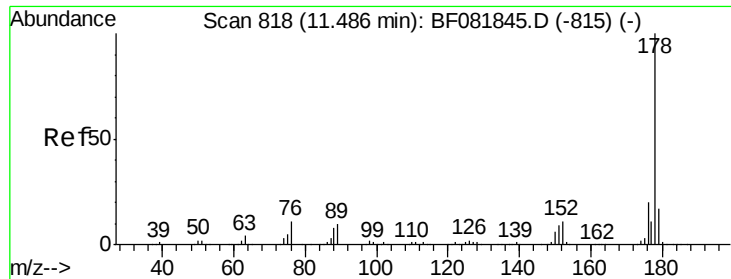
Tgt Ion:188 Resp: 304574
 Ion Ratio Lower Upper
 188 100
 94 6.0 11.1 16.7#
 80 6.1 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.07 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.24 min
 Lab File: BF082059.D
 Acq: 5 Oct 2015 22:29

Tgt Ion:248 Resp: 12512
 Ion Ratio Lower Upper
 248 100
 250 198.5 78.5 117.7#
 141 328.9 59.0 88.6#

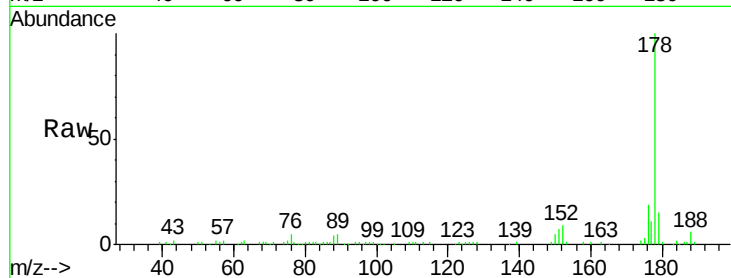




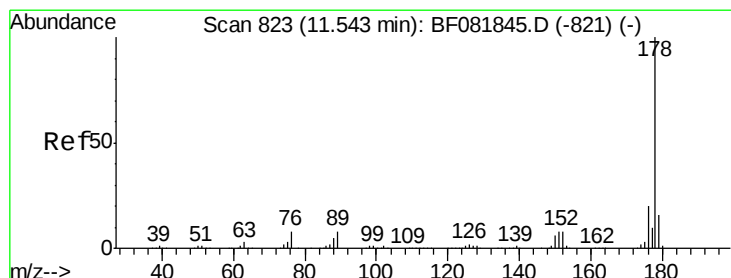
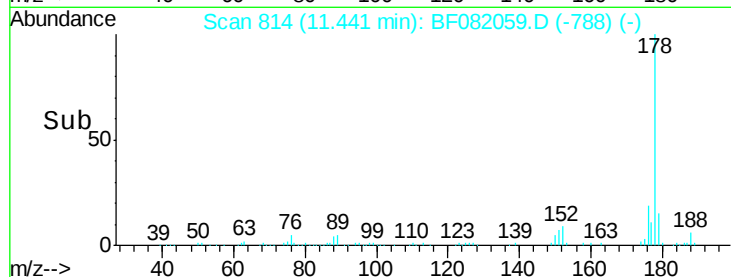
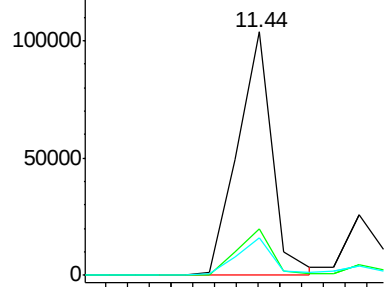
#70
 Phenanthrene
 Concen: 6.41 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082059.D
 Acq: 5 Oct 2015 22:29

Instrument :
 BNA_F
 ClientSampled :
 FD-1

Tgt Ion:178 Resp: 114866
 Ion Ratio Lower Upper
 178 100
 176 18.9 13.8 20.8
 179 15.2 12.2 18.2

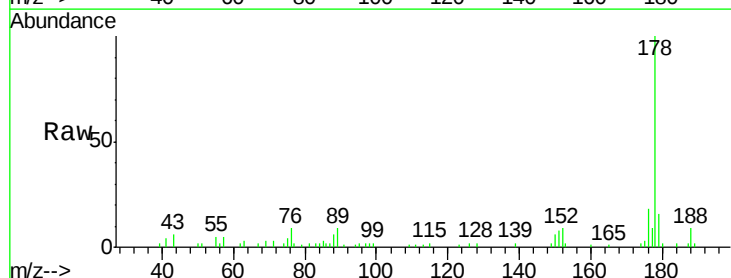


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

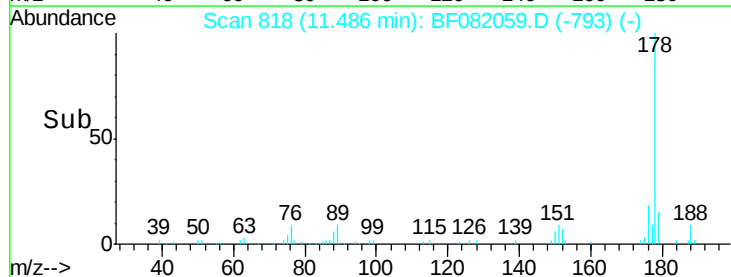
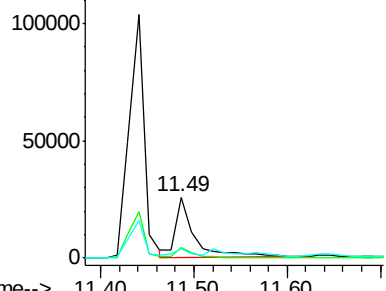


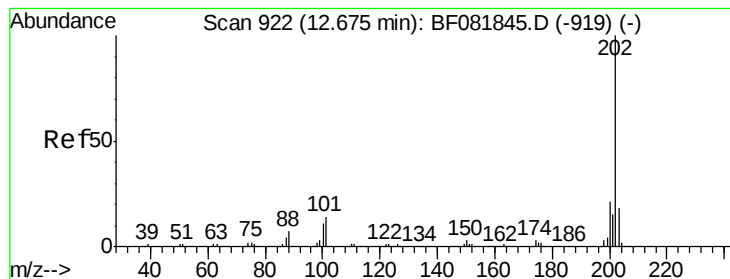
#71
 Anthracene
 Concen: 2.38 ng
 RT: 11.49 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF082059.D
 Acq: 5 Oct 2015 22:29

Tgt Ion:178 Resp: 36838
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.1 21.1
 179 16.4 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: 13.44 ng

RT: 12.63 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF082059.D

Acq: 5 Oct 2015 22:29

Instrument :

BNA_F

ClientSampleId :

FD-1

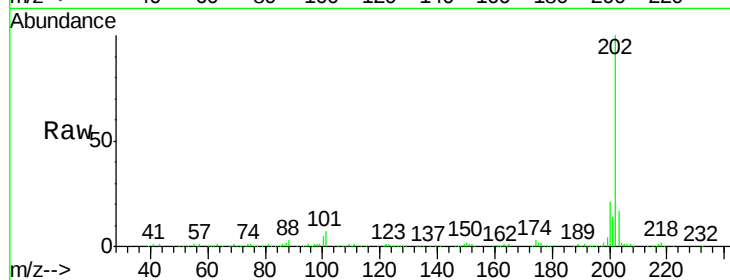
Tgt Ion:202 Resp: 219273

Ion Ratio Lower Upper

202 100

101 6.8 0.0 38.3

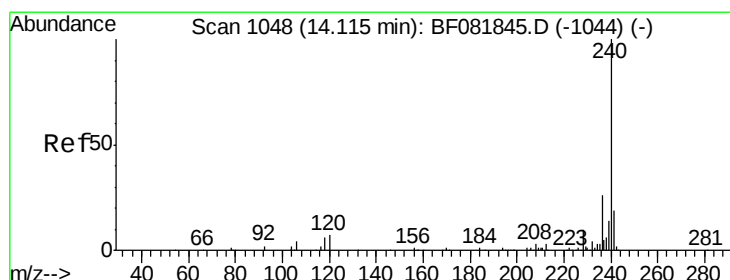
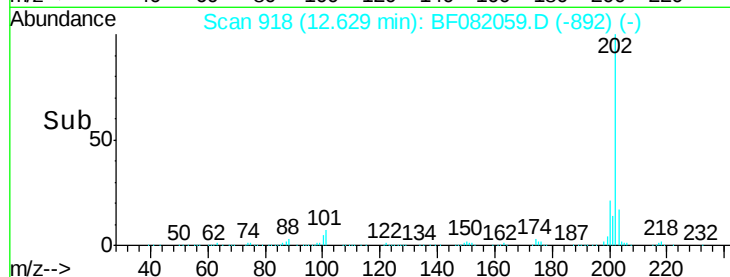
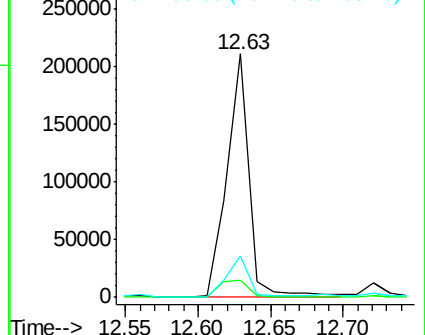
203 17.2 0.0 37.3



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: 14.06 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF082059.D

Acq: 5 Oct 2015 22:29

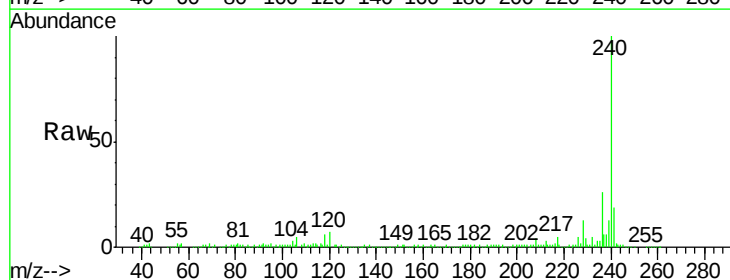
Tgt Ion:240 Resp: 245182

Ion Ratio Lower Upper

240 100

120 7.5 16.2 24.2#

236 25.8 18.4 27.6



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

