

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080256.D
 Acq On : 1 Jul 2015 2:43
 Operator : TP/IZ
 Sample : G2838-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2

Quant Time: Jul 01 05:07:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

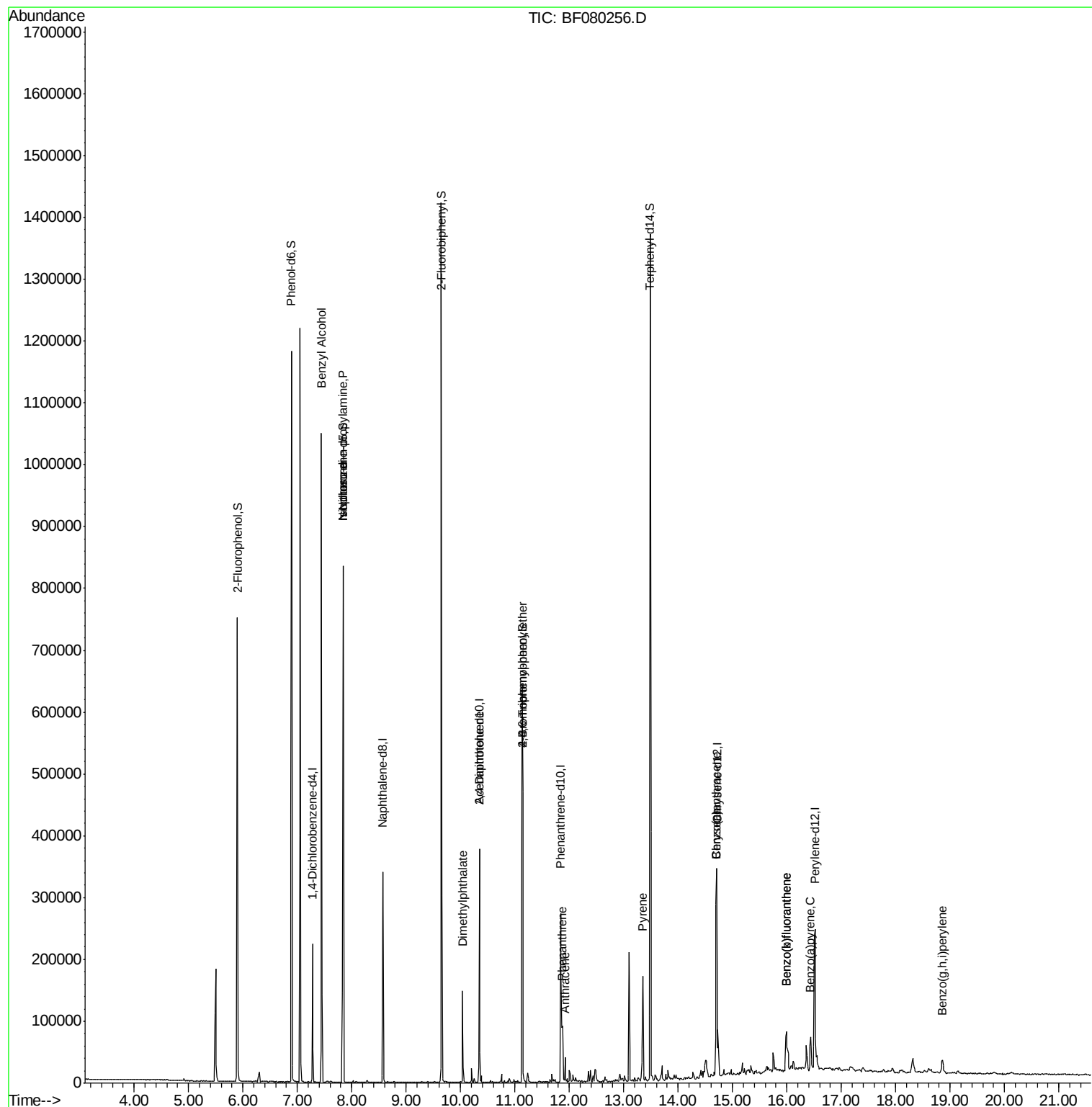
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	32423	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	135321	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	69475	20.00	ng	-0.05
63) Phenanthrene-d10	11.84	188	127435	20.00	ng	-0.07
75) Chrysene-d12	14.71	240	141973	20.00	ng	-0.29
86) Perylene-d12	16.52	264	145245	20.00	ng	-0.41
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	301330	164.51	ng	-0.03
7) Phenol-d6	6.89	99	424820	174.29	ng	-0.03
23) Nitrobenzene-d5	7.84	82	240541	103.48	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	93639	137.83	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	420143	86.24	ng	-0.05
78) Terphenyl-d14	13.49	244	454083	74.70	ng	-0.18
Target Compounds						Qvalue
15) Benzyl Alcohol	7.44	79	4129	2.07	ng	# 25
19) n-Nitroso-di-n-propylamine	7.84	70	31028	18.34	ng	# 57
25) Isophorone	7.84	82	240528	51.42	ng	# 58
49) Dimethylphthalate	10.04	163	57905	11.09	ng	# 98
56) 2,4-Dinitrotoluene	10.34	165	8727	6.57	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	6617	4.88	ng	# 1
70) Phenanthrene	11.88	178	53040	6.87	ng	97
71) Anthracene	11.92	178	16861	2.27	ng	97
77) Pyrene	13.35	202	76384	8.74	ng	98
80) Benzo(a)anthracene	14.70	228	49416	5.71	ng	# 93
82) Chrysene	14.70	228	49416	6.20	ng	95
87) Benzo(b)fluoranthene	15.99	252	65261	7.42	ng	# 89
88) Benzo(k)fluoranthene	15.99	252	65261	7.29	ng	# 89
89) Benzo(a)pyrene	16.44	252	35270	4.22	ng	# 88
91) Benzo(g,h,i)perylene	18.86	276	23477	2.72	ng	# 74

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080256.D
Acq On : 1 Jul 2015 2:43
Operator : TP/IZ
Sample : G2838-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-B2

Quant Time: Jul 01 05:07:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF080256.D

Acq: 1 Jul 2015 2:43

Instrument :

BNA_F

ClientSampleId :

TEC-B2

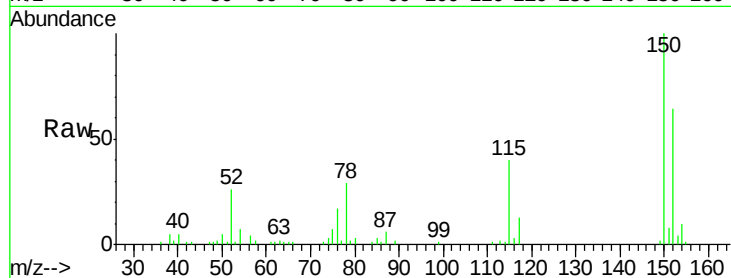
Tgt Ion:152 Resp: 32423

Ion Ratio Lower Upper

152 100

150 156.7 124.7 187.1

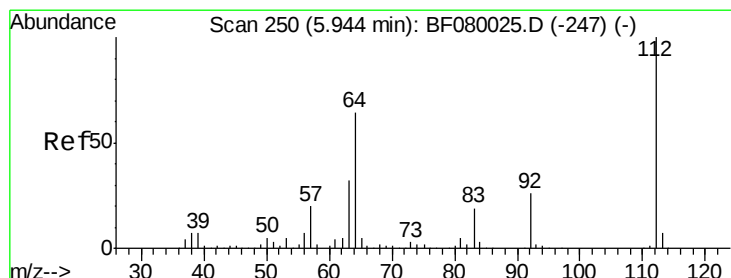
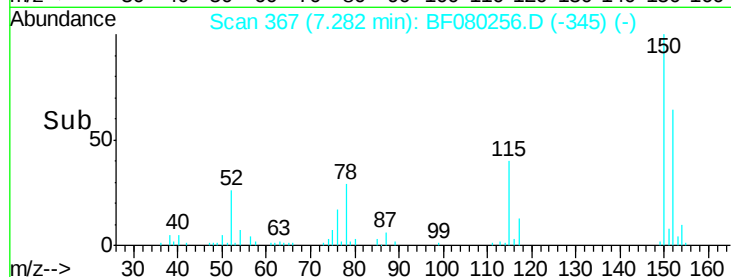
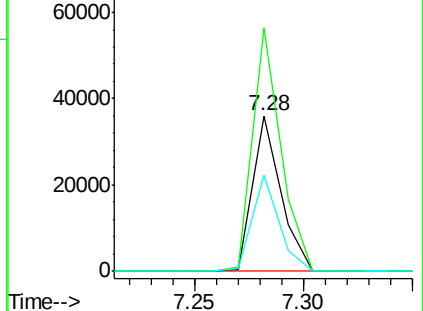
115 62.4 39.0 58.4#



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: 164.51 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080256.D

Acq: 1 Jul 2015 2:43

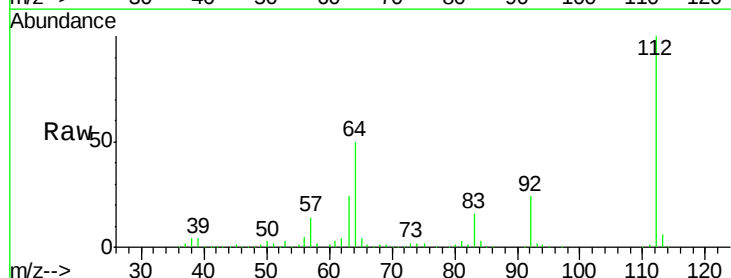
Tgt Ion:112 Resp: 301330

Ion Ratio Lower Upper

112 100

64 49.6 39.7 59.5

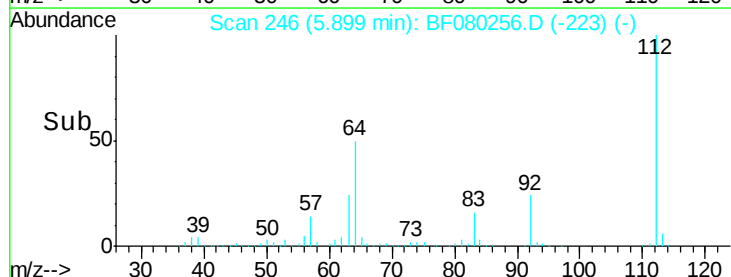
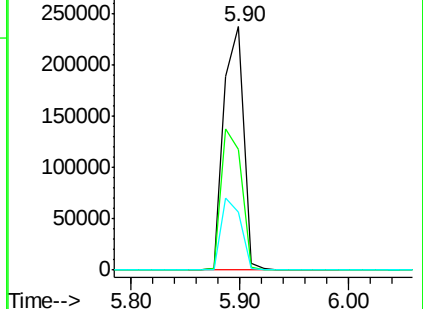
63 24.0 17.4 26.0



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: 174.29 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080256.D

Acq: 1 Jul 2015 2:43

Instrument :

BNA_F

ClientSampled :

TEC-B2

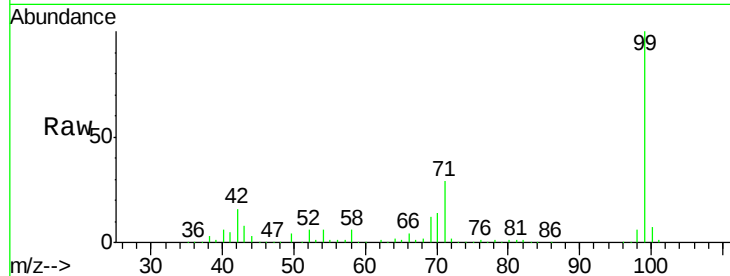
Tgt Ion: 99 Resp: 424820

Ion Ratio Lower Upper

99 100

42 15.6 13.7 20.5

71 29.4 14.2 21.2#



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

600000

500000

400000

300000

200000

100000

0

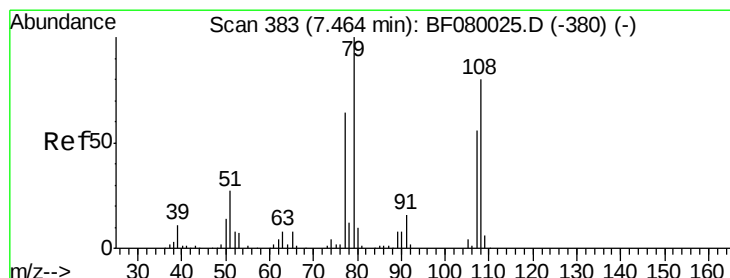
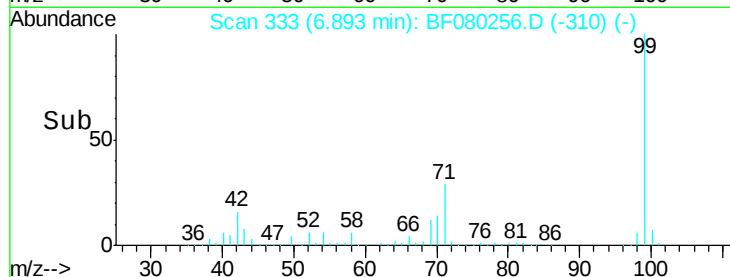
6.89

6.80

6.90

7.00

Time-->



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 7.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080256.D

Acq: 1 Jul 2015 2:43

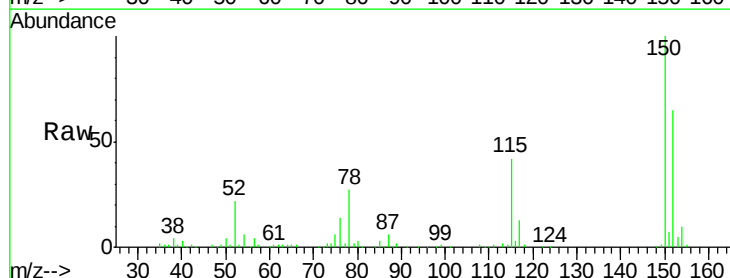
Tgt Ion: 79 Resp: 4129

Ion Ratio Lower Upper

79 100

108 30.8 88.6 132.8#

77 113.9 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

8000

6000

4000

2000

0

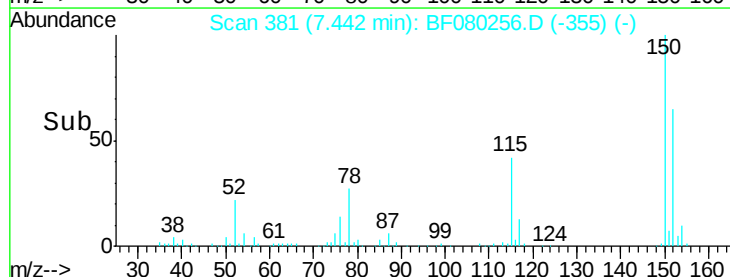
7.44

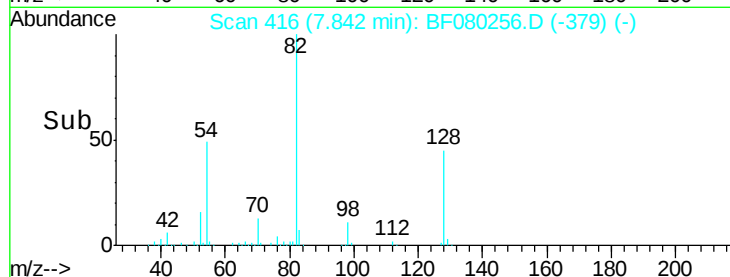
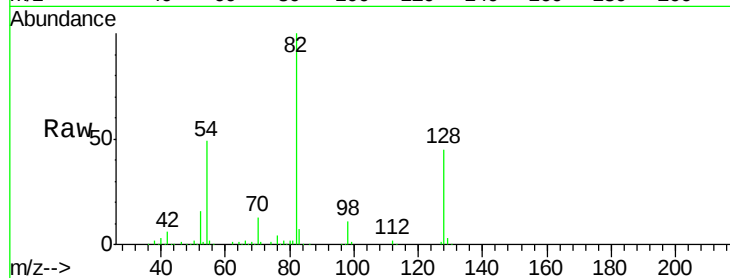
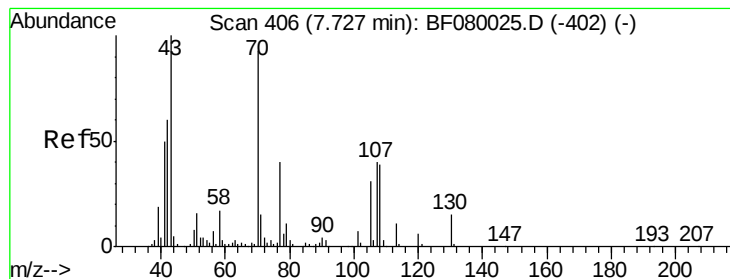
7.40

7.45

7.50

Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 18.34 ng

RT: 7.84 min Scan# 416

Delta R.T. 0.13 min

Lab File: BF080256.D

Acq: 1 Jul 2015 2:43

Instrument :

BNA_F

ClientSampleId :

TEC-B2

Tgt Ion: 70 Resp: 31028

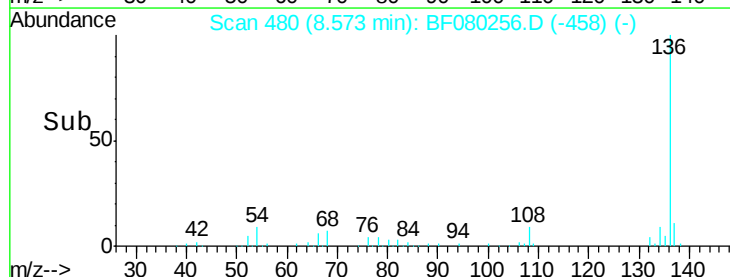
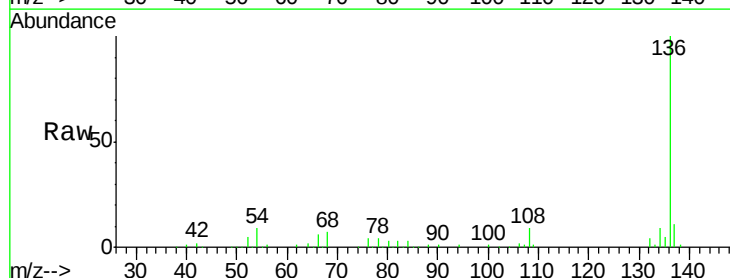
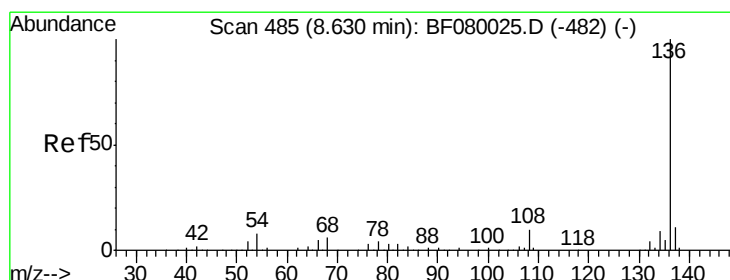
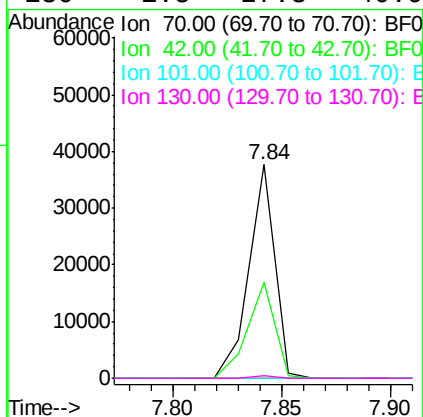
Ion Ratio Lower Upper

70 100

42 45.1 63.8 95.6#

101 0.0 9.2 13.8#

130 1.5 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.57 min Scan# 480

Delta R.T. -0.05 min

Lab File: BF080256.D

Acq: 1 Jul 2015 2:43

Tgt Ion: 136 Resp: 135321

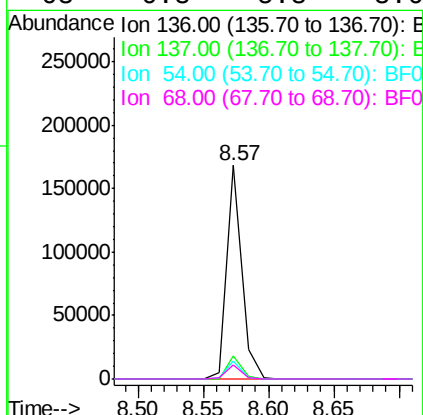
Ion Ratio Lower Upper

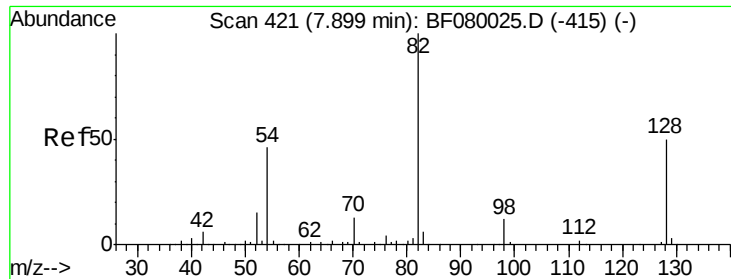
136 100

137 10.8 9.0 13.6

54 8.6 8.2 12.2

68 6.8 5.8 8.6

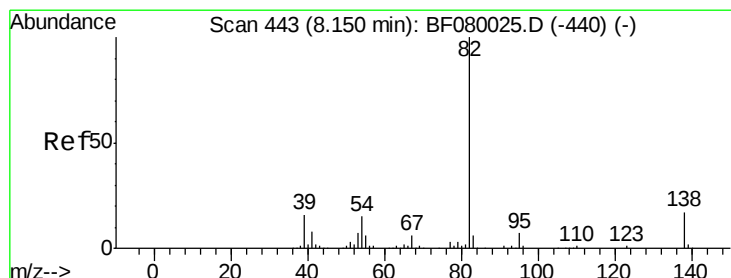
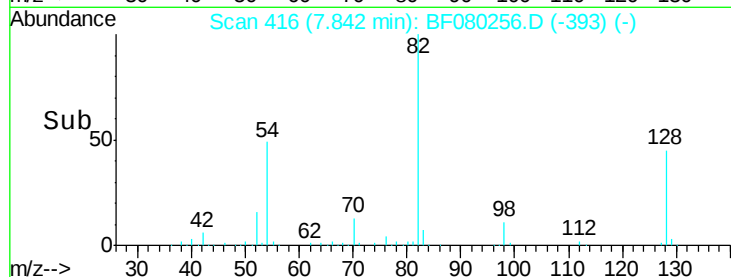
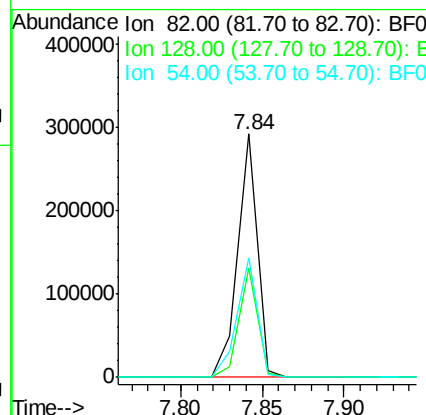
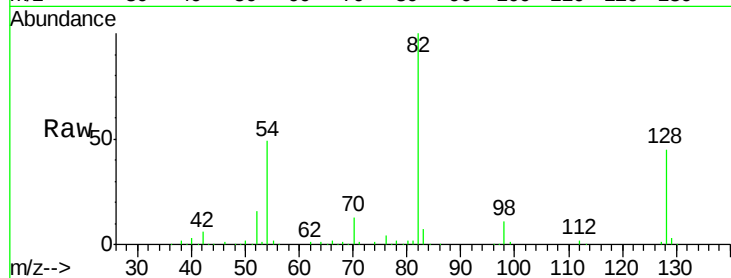




#23
 Nitrobenzene-d5
 Concen: 103.48 ng
 RT: 7.84 min Scan# 416
 Delta R.T. -0.03 min
 Lab File: BF080256.D
 Acq: 1 Jul 2015 2:43

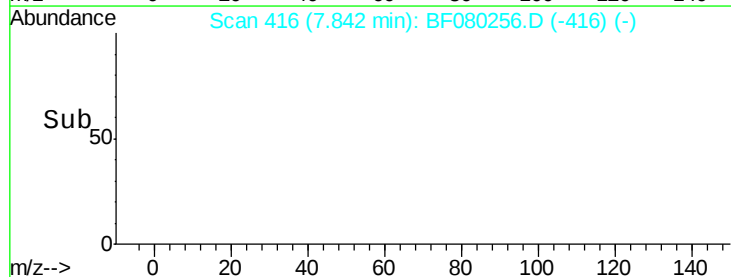
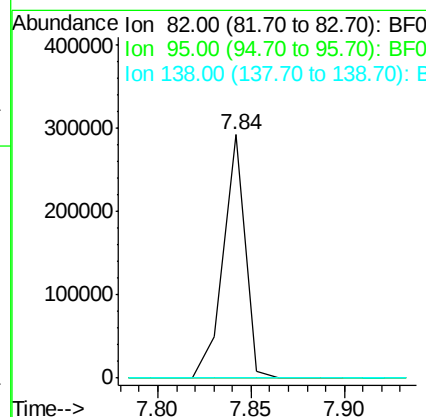
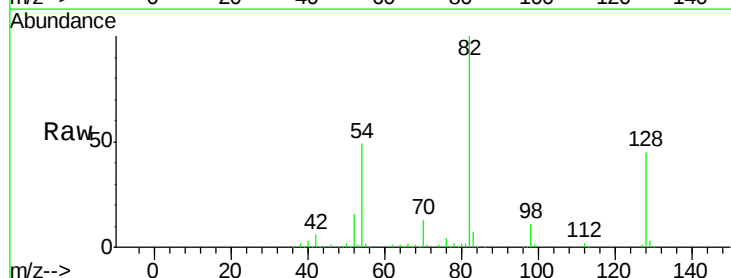
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2

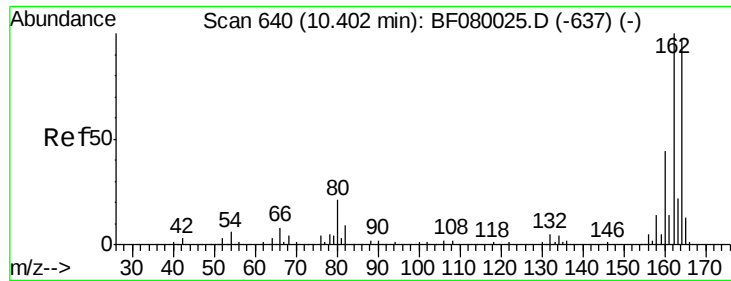
Tgt Ion: 82 Resp: 240541
 Ion Ratio Lower Upper
 82 100
 128 44.9 51.0 76.6#
 54 49.2 47.5 71.3



#25
 Isophorone
 Concen: 51.42 ng
 RT: 7.84 min Scan# 416
 Delta R.T. -0.30 min
 Lab File: BF080256.D
 Acq: 1 Jul 2015 2:43

Tgt Ion: 82 Resp: 240528
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

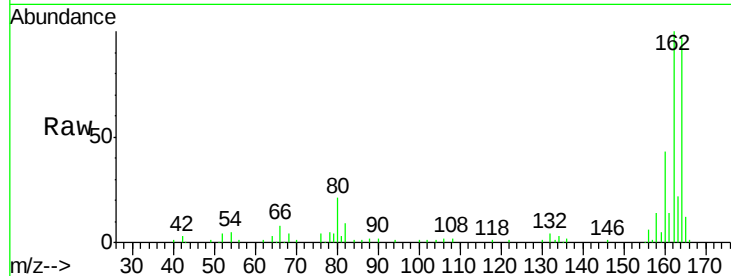




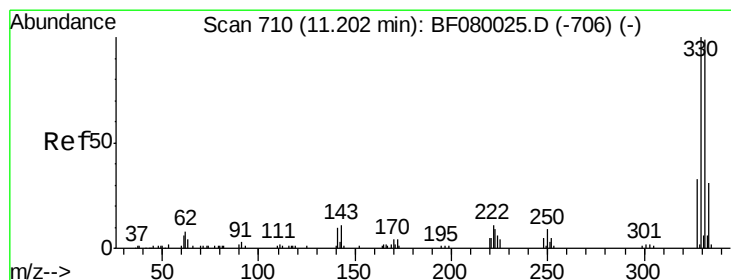
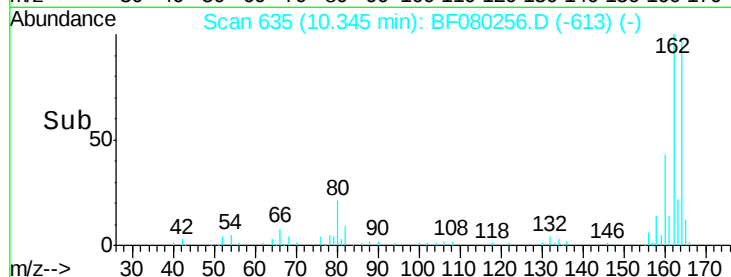
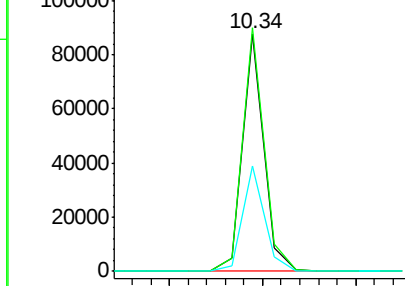
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080256.D
 Acq: 1 Jul 2015 2:43

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2

Tgt Ion:164 Resp: 69475
 Ion Ratio Lower Upper
 164 100
 162 102.6 75.2 112.8
 160 44.4 31.5 47.3

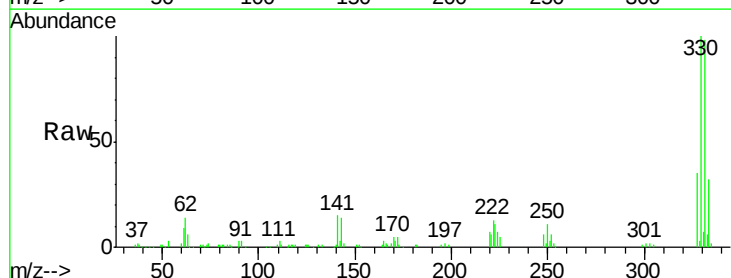


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

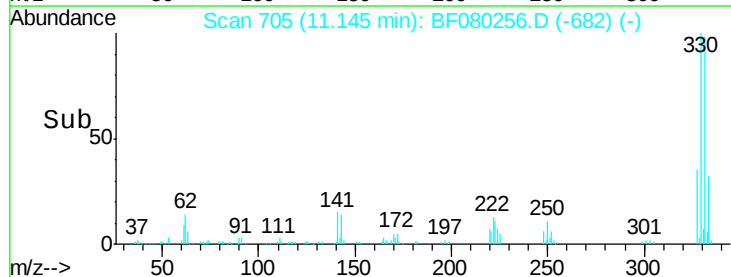
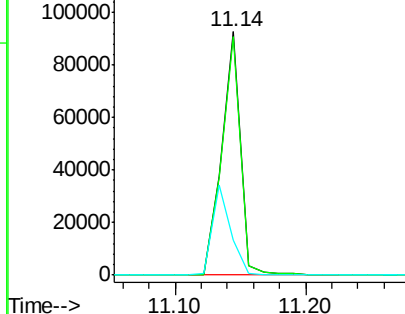


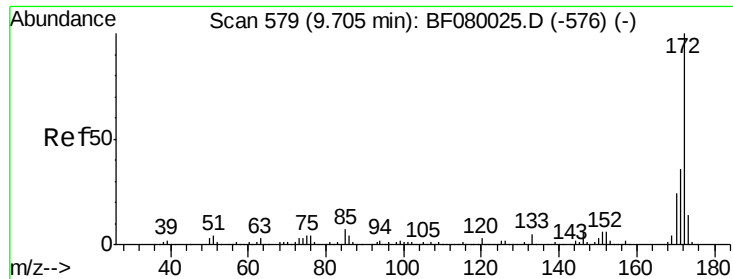
#41
 2,4,6-Tribromophenol
 Concen: 137.83 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080256.D
 Acq: 1 Jul 2015 2:43

Tgt Ion:330 Resp: 93639
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 36.3 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

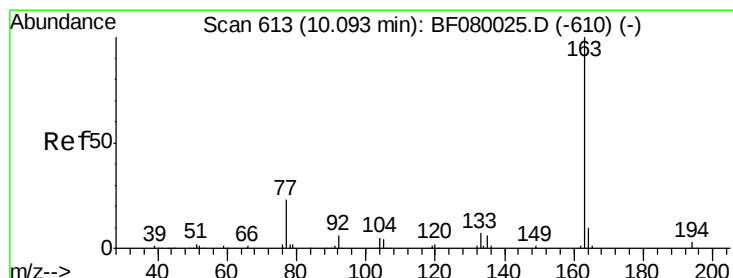
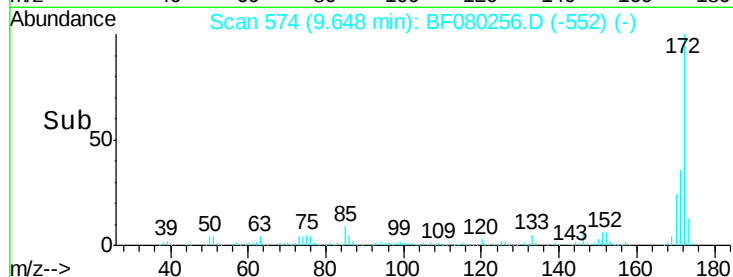
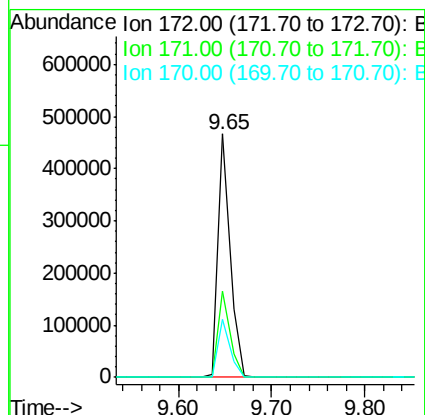
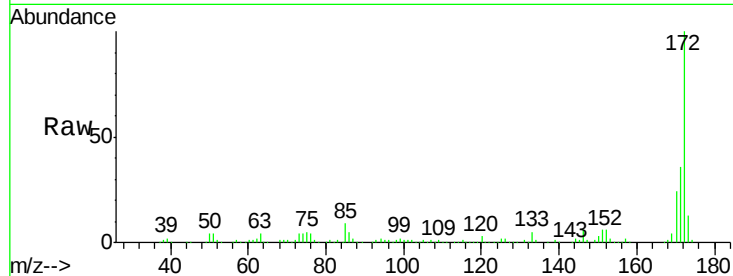




#44
 2-Fluorobiphenyl
 Concen: 86.24 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080256.D
 Acq: 1 Jul 2015 2:43

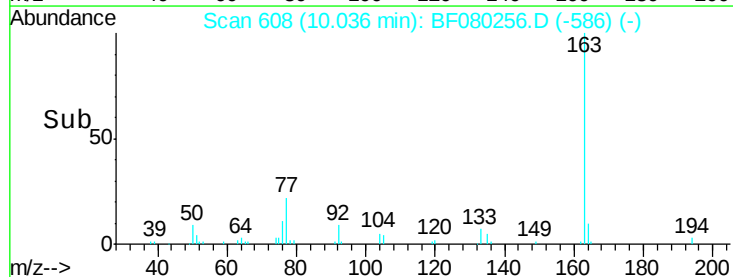
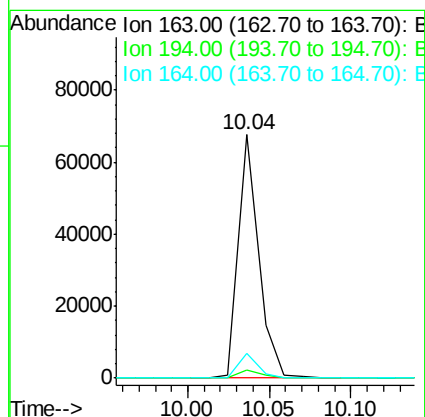
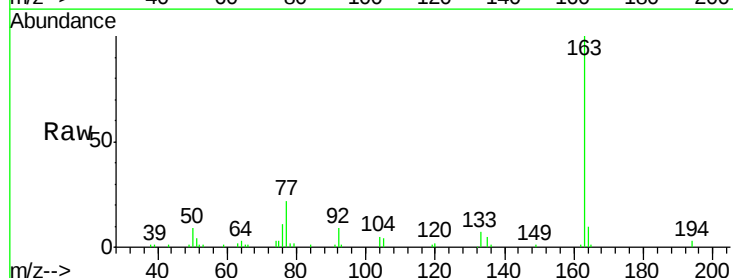
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2

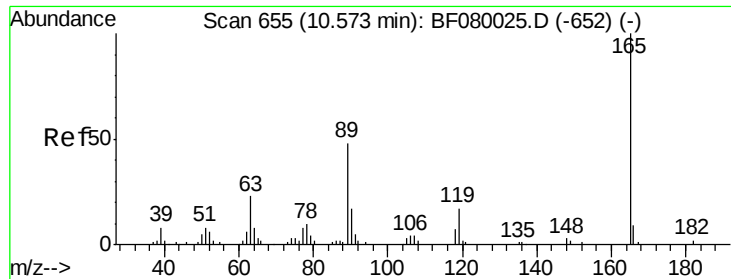
Tgt Ion:172 Resp: 420143
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 23.8 17.4 26.2



#49
 Dimethylphthalate
 Concen: 11.09 ng
 RT: 10.04 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF080256.D
 Acq: 1 Jul 2015 2:43

Tgt Ion:163 Resp: 57905
 Ion Ratio Lower Upper
 163 100
 194 3.3 4.4 6.6#
 164 10.3 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 6.57 ng

RT: 10.34 min Scan# 635

Delta R.T. -0.21 min

Lab File: BF080256.D

Acq: 1 Jul 2015 2:43

Instrument :

BNA_F

ClientSampleId :

TEC-B2

Tgt Ion:165 Resp: 8727

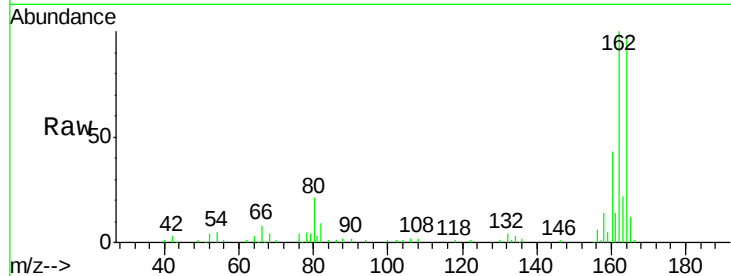
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

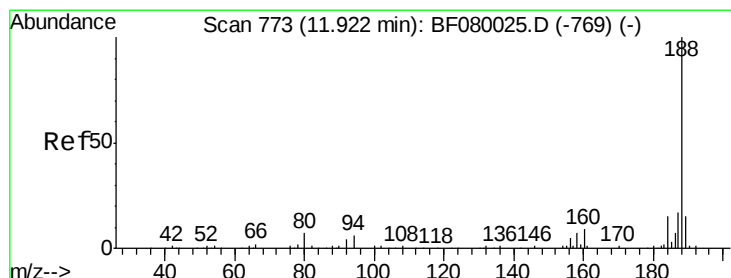
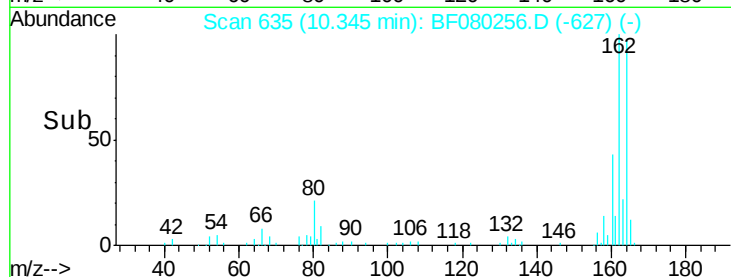
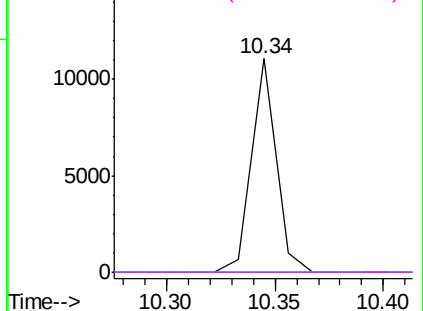


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.84 min Scan# 766

Delta R.T. -0.07 min

Lab File: BF080256.D

Acq: 1 Jul 2015 2:43

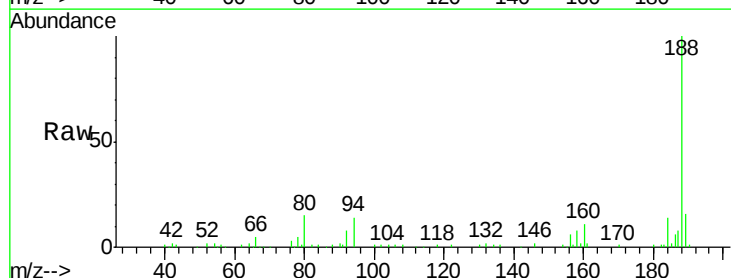
Tgt Ion:188 Resp: 127435

Ion Ratio Lower Upper

188 100

94 13.6 11.1 16.7

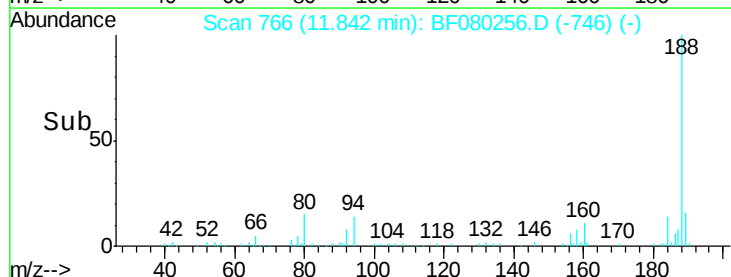
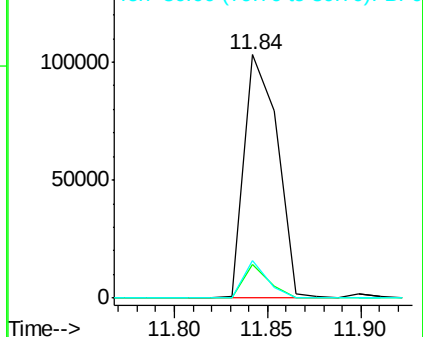
80 15.5 11.0 16.4

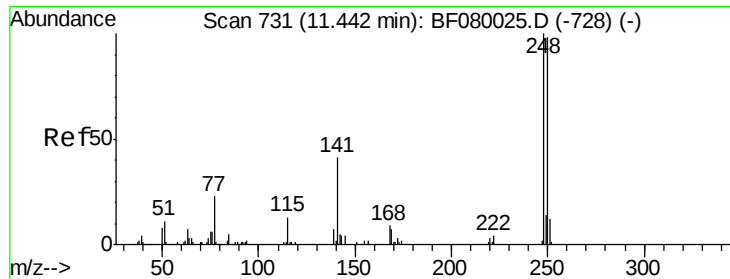


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

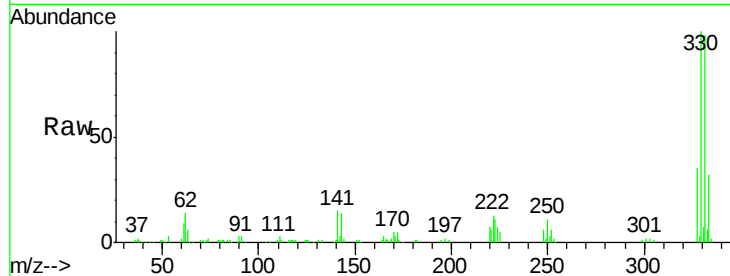




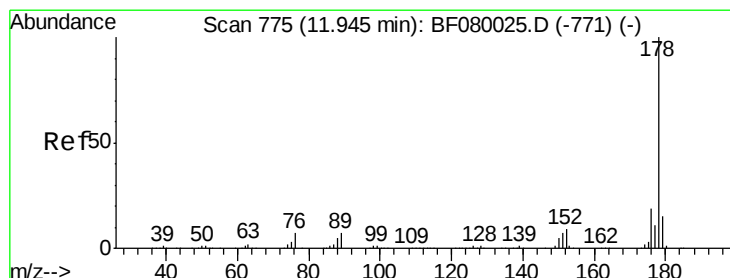
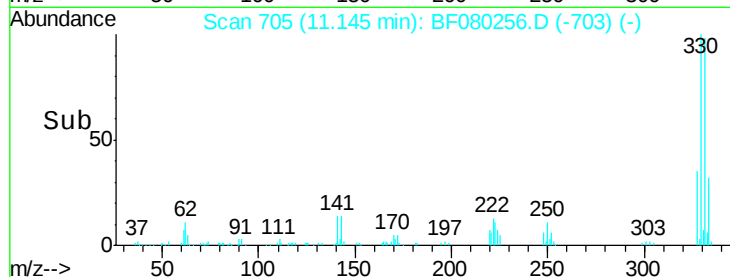
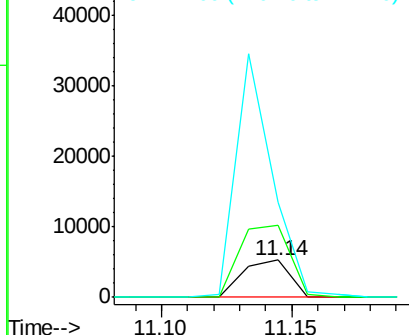
#66
 4-Bromophenyl-phenylether
 Concen: 4.88 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.27 min
 Lab File: BF080256.D
 Acq: 1 Jul 2015 2:43

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2

Tgt Ion: 248 Resp: 6617
 Ion Ratio Lower Upper
 248 100
 250 194.1 78.5 117.7#
 141 256.5 59.0 88.6#

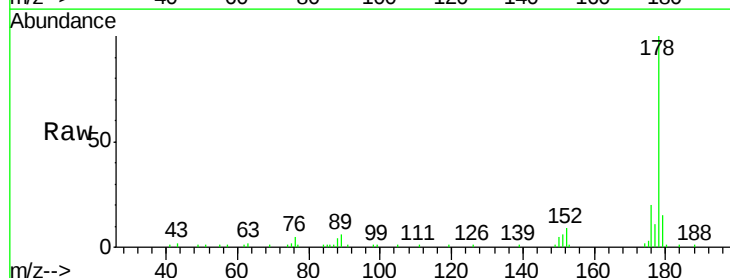


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

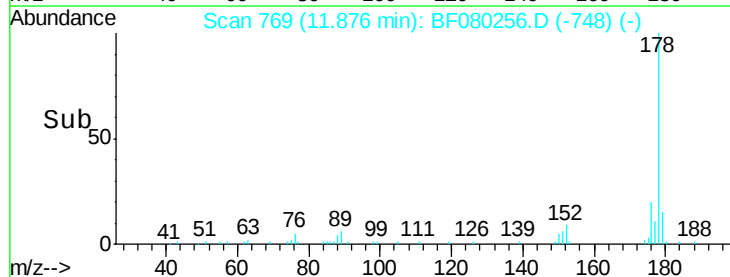
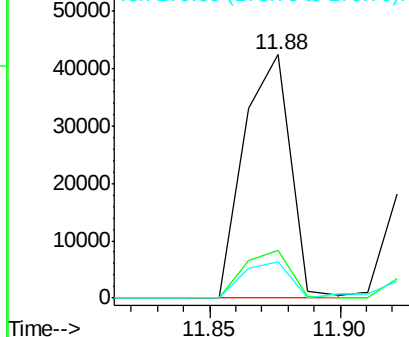


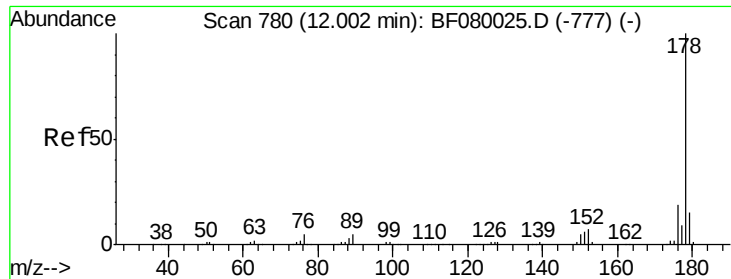
#70
 Phenanthrene
 Concen: 6.87 ng
 RT: 11.88 min Scan# 769
 Delta R.T. -0.06 min
 Lab File: BF080256.D
 Acq: 1 Jul 2015 2:43

Tgt Ion: 178 Resp: 53040
 Ion Ratio Lower Upper
 178 100
 176 19.6 13.8 20.8
 179 14.9 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

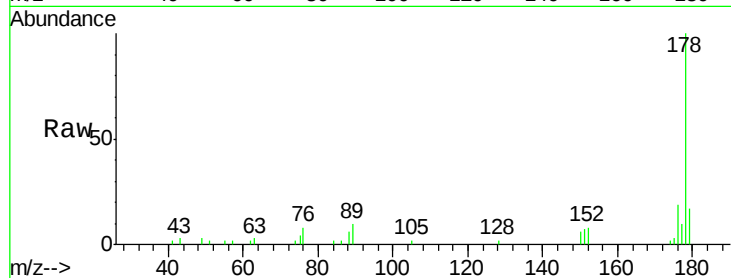




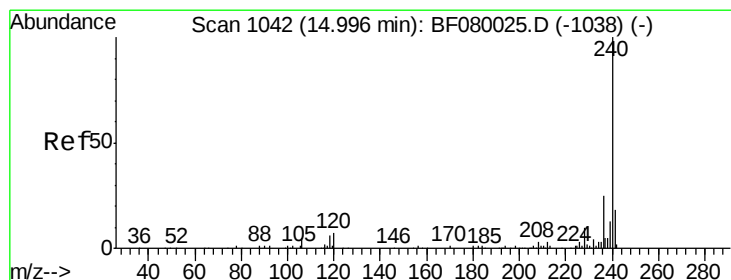
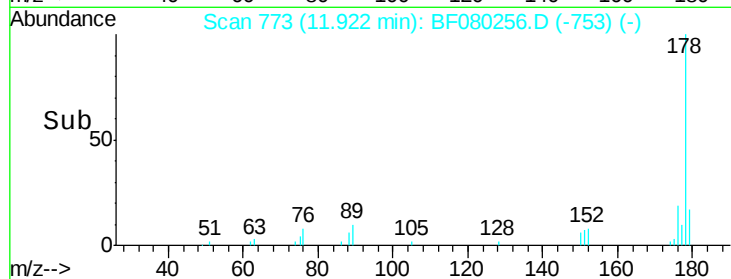
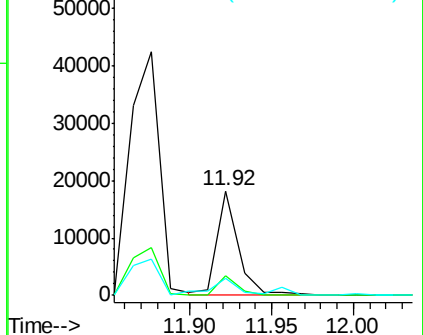
#71
 Anthracene
 Concen: 2.27 ng
 RT: 11.92 min Scan# 773
 Delta R.T. -0.07 min
 Lab File: BF080256.D
 Acq: 1 Jul 2015 2:43

Instrument :
 BNA_F
 ClientSampled :
 TEC-B2

Tgt Ion:178 Resp: 16861
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.1 21.1
 179 16.6 12.2 18.2

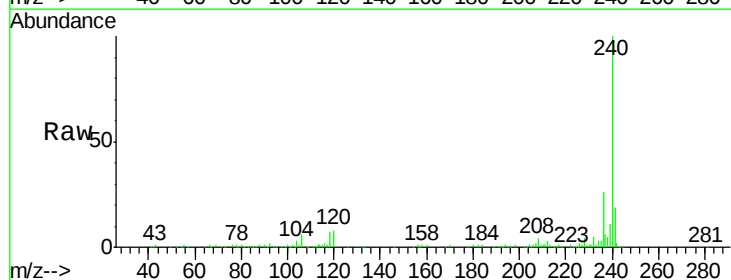


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

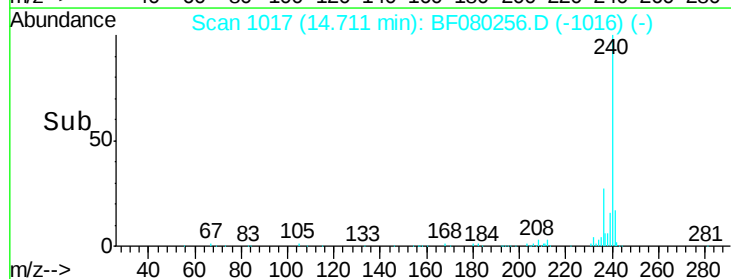
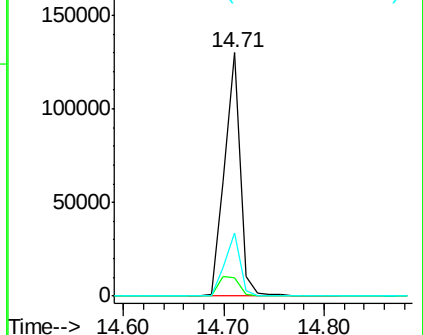


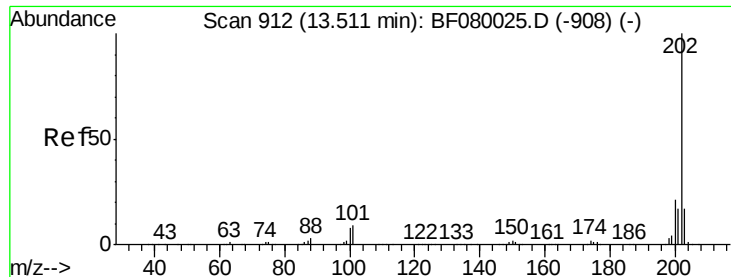
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1017
 Delta R.T. -0.29 min
 Lab File: BF080256.D
 Acq: 1 Jul 2015 2:43

Tgt Ion:240 Resp: 141973
 Ion Ratio Lower Upper
 240 100
 120 7.7 16.2 24.2#
 236 26.0 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

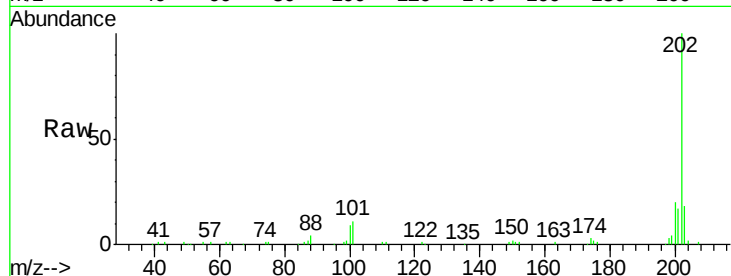




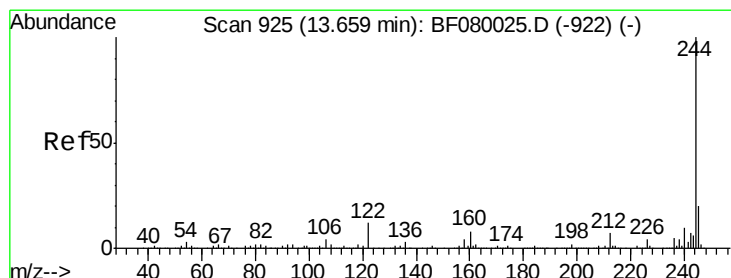
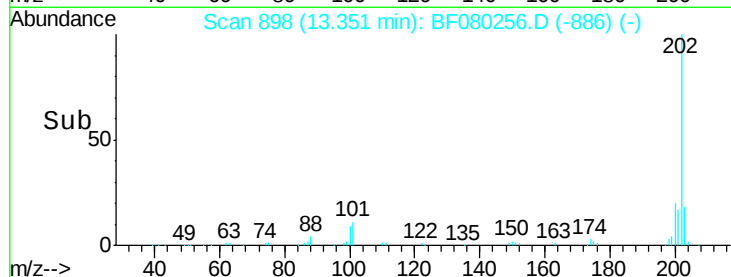
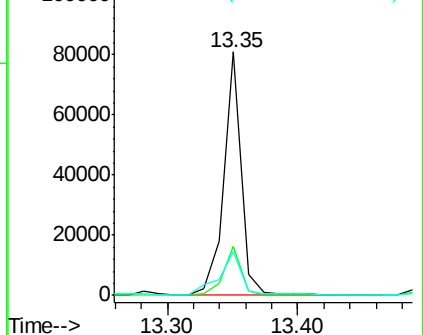
#77
 Pyrene
 Concen: 8.74 ng
 RT: 13.35 min Scan# 898
 Delta R.T. -0.16 min
 Lab File: BF080256.D
 Acq: 1 Jul 2015 2:43

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2

Tgt Ion: 202 Resp: 76384
 Ion Ratio Lower Upper
 202 100
 200 20.1 15.0 22.4
 203 17.8 14.1 21.1

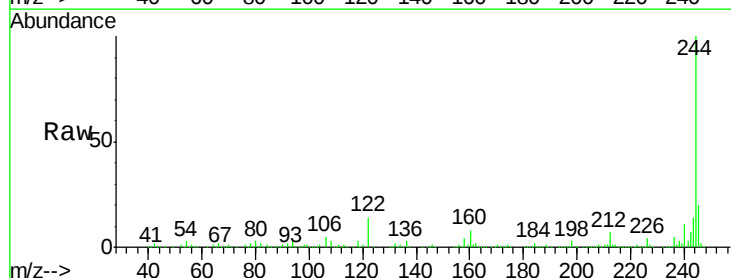


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

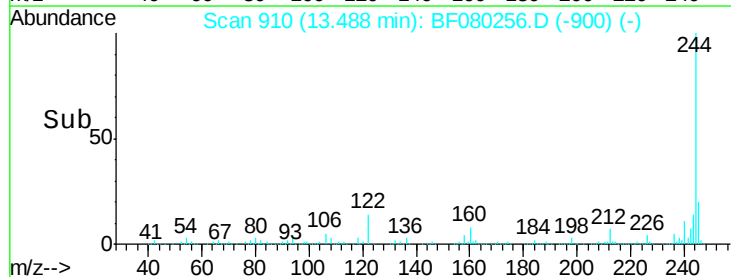
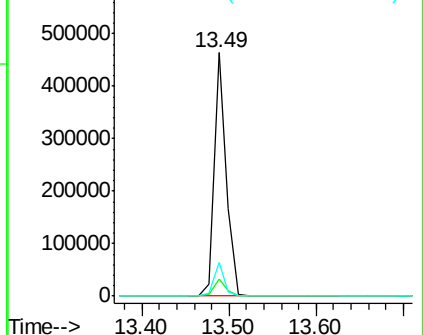


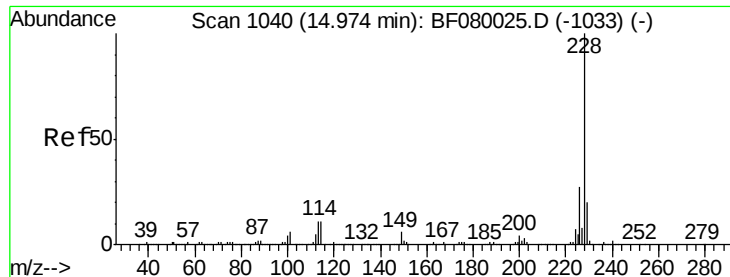
#78
 Terphenyl-d14
 Concen: 74.70 ng
 RT: 13.49 min Scan# 910
 Delta R.T. -0.18 min
 Lab File: BF080256.D
 Acq: 1 Jul 2015 2:43

Tgt Ion: 244 Resp: 454083
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.3 6.5#
 122 14.0 17.4 26.2#



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





#80

Benzo(a)anthracene

Concen: 5.71 ng

RT: 14.70 min Scan# 1016

Delta R.T. -0.29 min

Lab File: BF080256.D

Acq: 1 Jul 2015 2:43

Instrument :

BNA_F

ClientSampleId :

TEC-B2

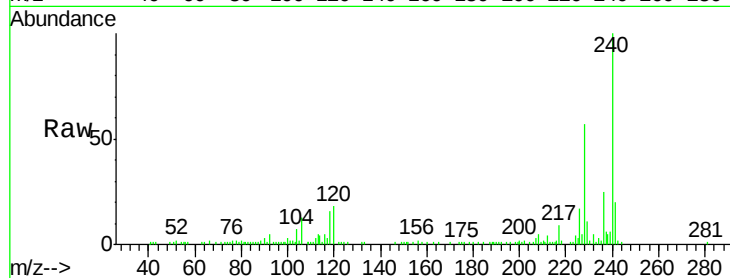
Tgt Ion:228 Resp: 49416

Ion Ratio Lower Upper

228 100

226 30.7 20.0 30.0#

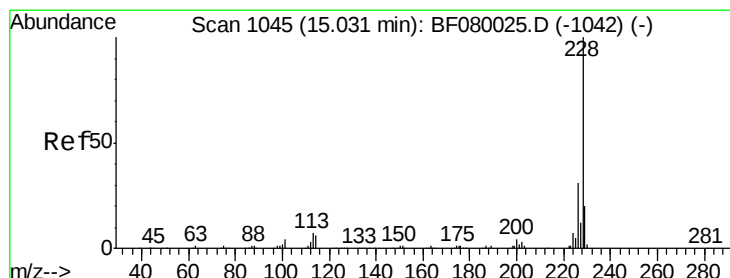
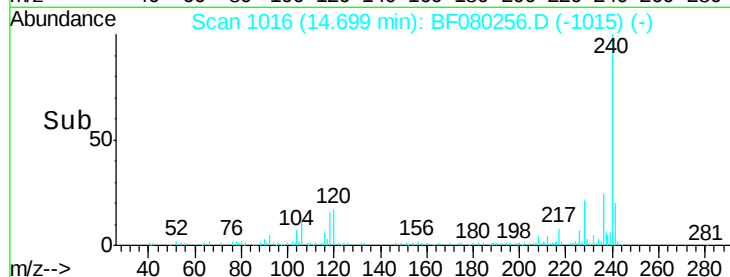
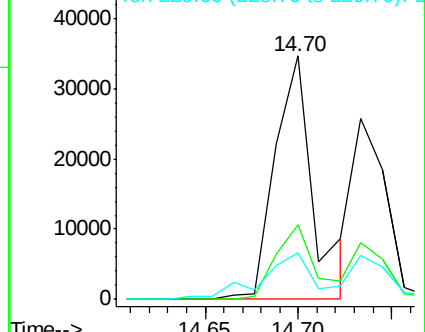
229 19.2 15.4 23.2



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: 6.20 ng

RT: 14.70 min Scan# 1016

Delta R.T. -0.33 min

Lab File: BF080256.D

Acq: 1 Jul 2015 2:43

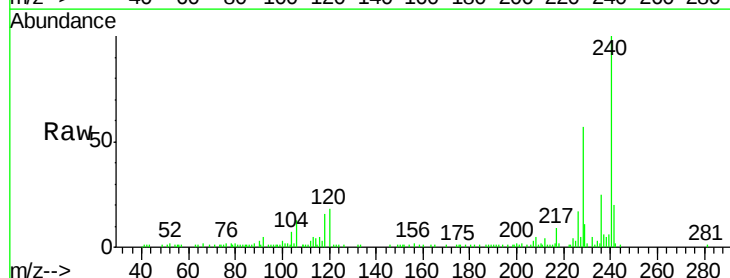
Tgt Ion:228 Resp: 49416

Ion Ratio Lower Upper

228 100

226 30.7 21.0 31.4

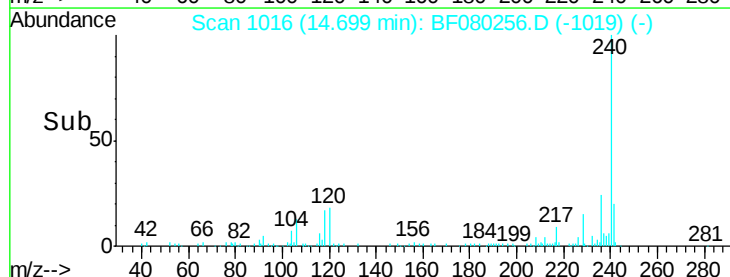
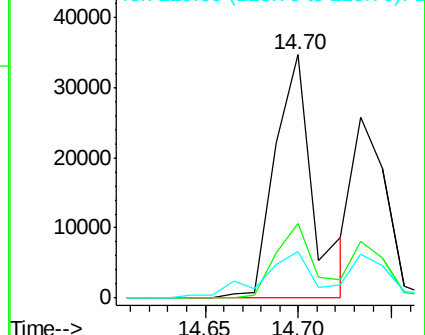
229 19.2 15.6 23.4

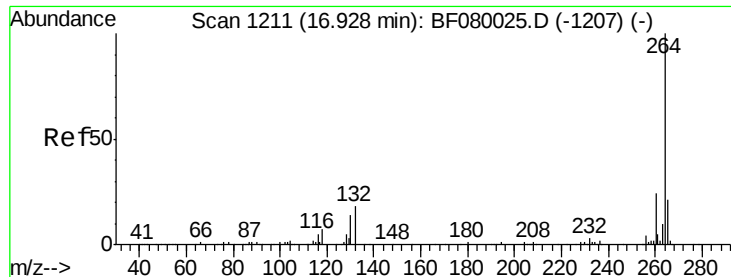


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

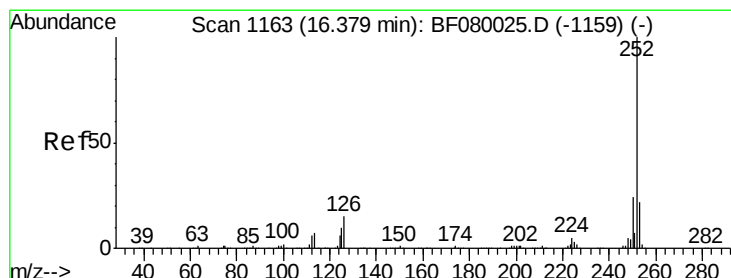
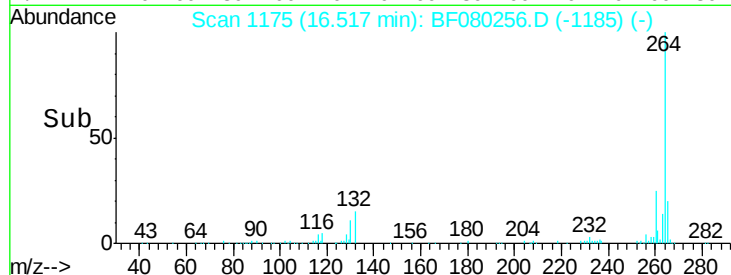
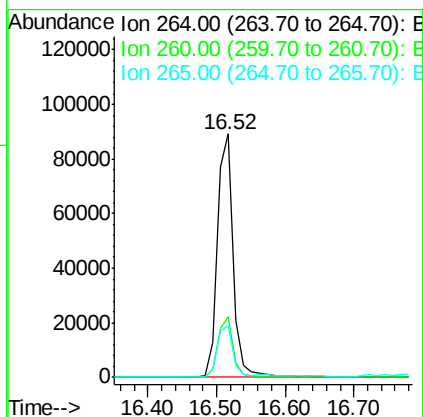
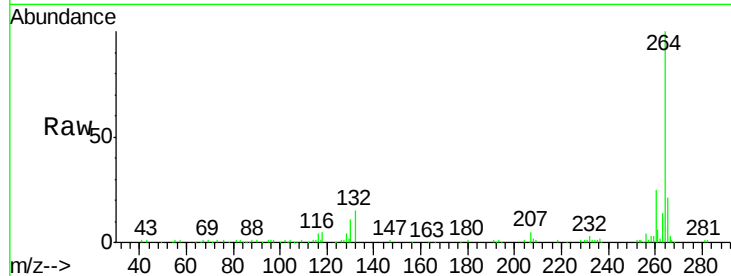




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.52 min Scan# 1175
Delta R.T. -0.41 min
Lab File: BF080256.D
Acq: 1 Jul 2015 2:43

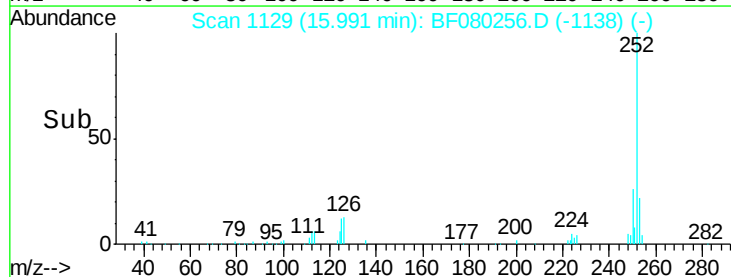
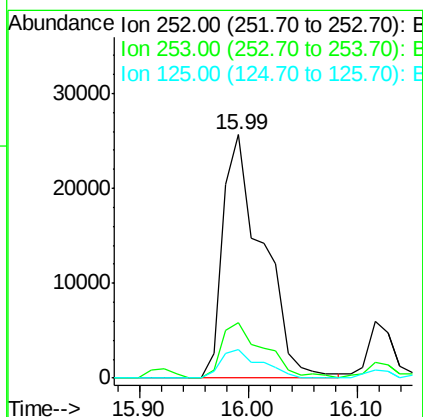
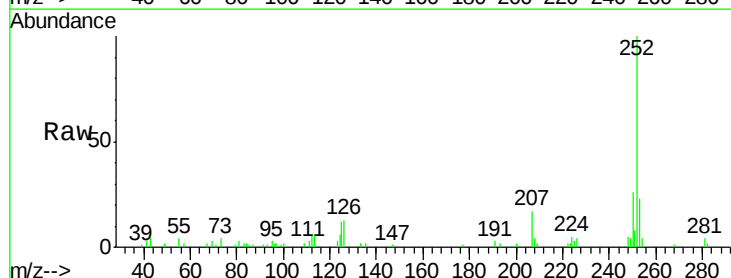
Instrument :
BNA_F
ClientSampleId :
TEC-B2

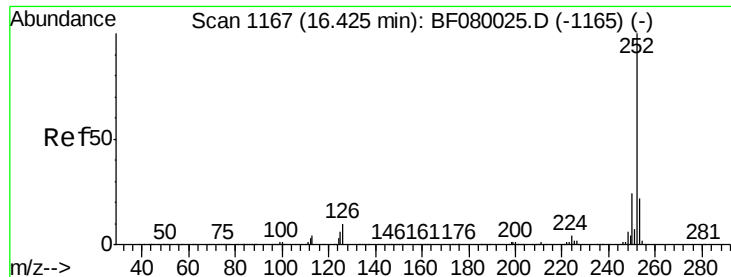
Tgt Ion:264 Resp: 145245
Ion Ratio Lower Upper
264 100
260 24.8 16.7 25.1
265 21.2 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 7.42 ng
RT: 15.99 min Scan# 1129
Delta R.T. -0.40 min
Lab File: BF080256.D
Acq: 1 Jul 2015 2:43

Tgt Ion:252 Resp: 65261
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 11.5 17.1 25.7#

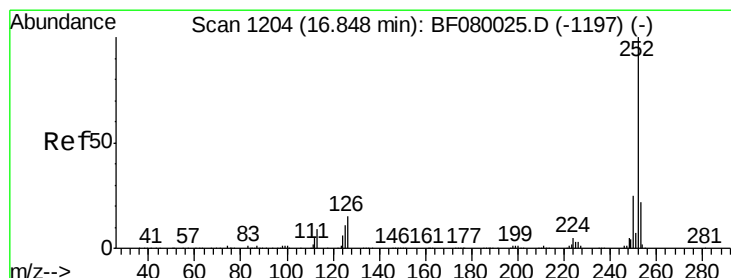
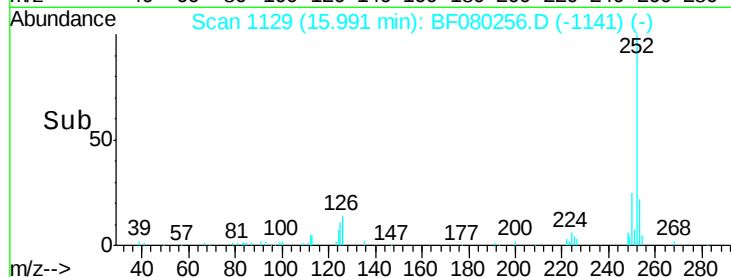
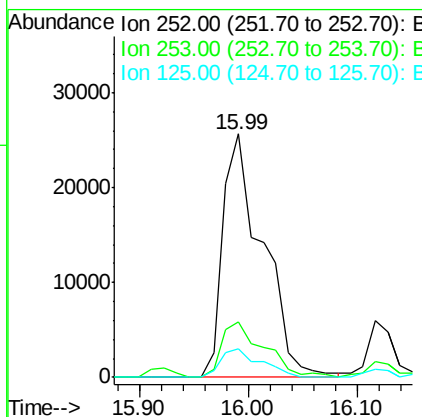
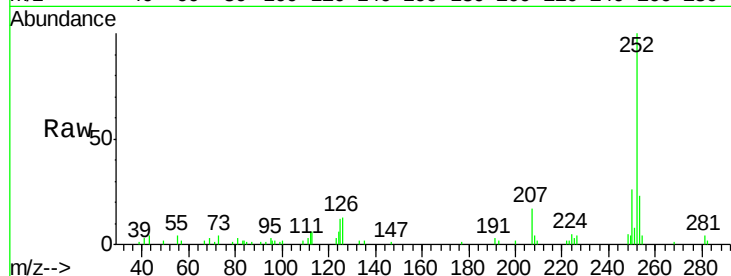




#88
Benzo(k)fluoranthene
Concen: 7.29 ng
RT: 15.99 min Scan# 1129
Delta R.T. -0.43 min
Lab File: BF080256.D
Acq: 1 Jul 2015 2:43

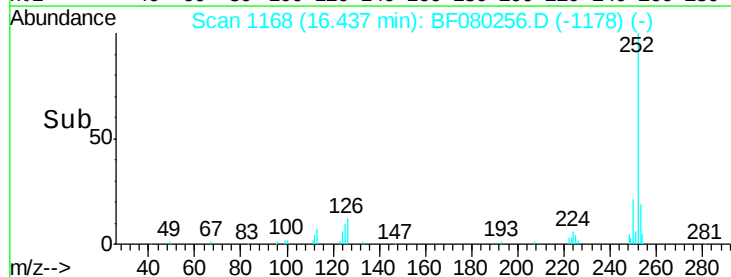
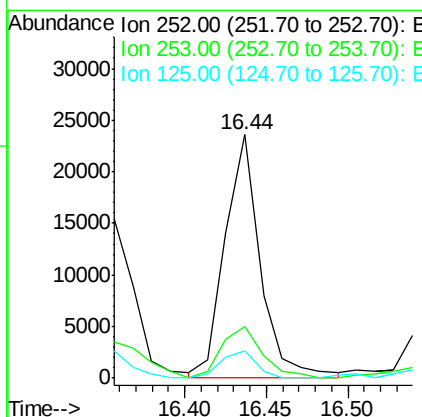
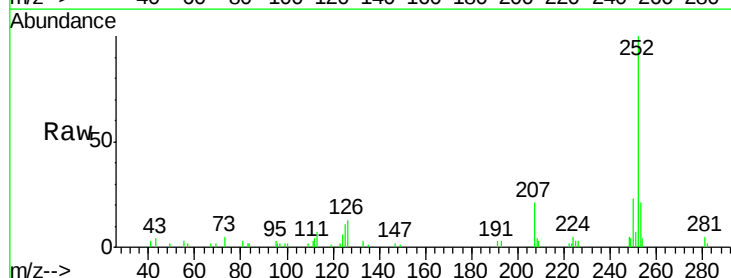
Instrument :
BNA_F
ClientSampleId :
TEC-B2

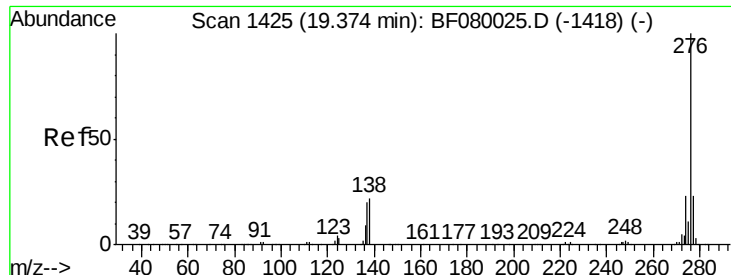
Tgt Ion:252 Resp: 65261
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.4
125 11.5 16.0 24.0#



#89
Benzo(a)pyrene
Concen: 4.22 ng
RT: 16.44 min Scan# 1168
Delta R.T. -0.41 min
Lab File: BF080256.D
Acq: 1 Jul 2015 2:43

Tgt Ion:252 Resp: 35270
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 11.3 18.0 27.0#





#91

Benzo(g,h,i)perylene

Concen: 2.72 ng

RT: 18.86 min Scan# 1380

Delta R.T. -0.49 min

Lab File: BF080256.D

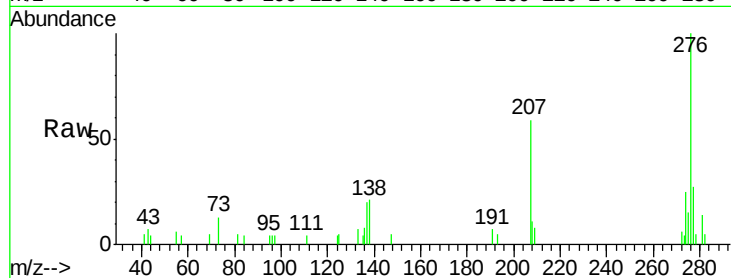
Acq: 1 Jul 2015 2:43

Instrument :

BNA_F

ClientSampleId :

TEC-B2



Tgt Ion:	276	Resp:	23477
Ion	Ratio	Lower	Upper
276	100		
277	26.6	17.8	26.6
138	21.0	34.6	51.8#

