

Data File : BF093257.D
Acq On : 28 Feb 2017 19:15
Operator : SJ/MA
Sample : I2017-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TK3-7-20170227

Quant Time: Mar 01 02:17:33 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	140728	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	504815	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	204252	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	300855	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	258191	20.00	ng	-0.03
86) Perylene-d12	15.41	264	182354	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	911807	111.16	ng	-0.03
7) Phenol-d6	6.46	99	1175008	111.33	ng	-0.02
23) Nitrobenzene-d5	7.38	82	674209	74.37	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	147043	99.54	ng	-0.05
44) 2-Fluorobiphenyl	9.17	172	968344	85.89	ng	-0.05
78) Terphenyl-d14	12.92	244	679187	61.81	ng	-0.05

Target Compounds						Qvalue
10) Phenol	6.49	94	84104	6.81	ng	# 70
19) n-Nitroso-di-n-propylamine	7.38	70	91616	13.64	ng	# 80
25) Isophorone	7.38	82	569331	33.70	ng	# 65
31) Naphthalene	8.12	128	76077	2.97	ng	99
32) Benzoic acid	7.90	122	6625	8.45	ng	# 39
37) 2-Methylnaphthalene	8.81	142	37141	2.26	ng	96
48) Acenaphthylene	9.71	152	375570	18.79	ng	98
49) Dimethylphthalate	9.57	163	75720	5.50	ng	99
54) Dibenzofuran	10.05	168	86942	5.44	ng	91
55) 4-Nitrophenol	10.05	139	30649	12.52	ng	# 6
57) Fluorene	10.40	166	78279	6.37	ng	95
66) 4-Bromophenyl-phenylether	10.64	248	10990	3.50	ng	# 1
70) Phenanthrene	11.36	178	1189110	68.99	ng	99
71) Anthracene	11.41	178	290201	16.77	ng	97
72) Carbazole	11.57	167	153081	9.25	ng	96
74) Fluoranthene	12.56	202	1740152	97.88	ng	97
77) Pyrene	12.79	202	1549686	80.20	ng	100
80) Benzo(a)anthracene	14.01	228	748267	47.38	ng	94
82) Chrysene	14.01	228	747625	50.57	ng	97
83) Bis(2-ethylhexyl)phthalate	13.95	149	23755	2.21	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.81	276	347157	30.31	ng	98
87) Benzo(b)fluoranthene	15.00	252	1027605	85.62	ng	# 97
88) Benzo(k)fluoranthene	15.00	252	1027605	99.16	ng	# 96
89) Benzo(a)pyrene	15.36	252	461258	44.43	ng	99
90) Dibenzo(a,h)anthracene	16.81	278	85727	10.22	ng	# 74
91) Benzo(g,h,i)perylene	17.23	276	328190	38.72	ng	# 90

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

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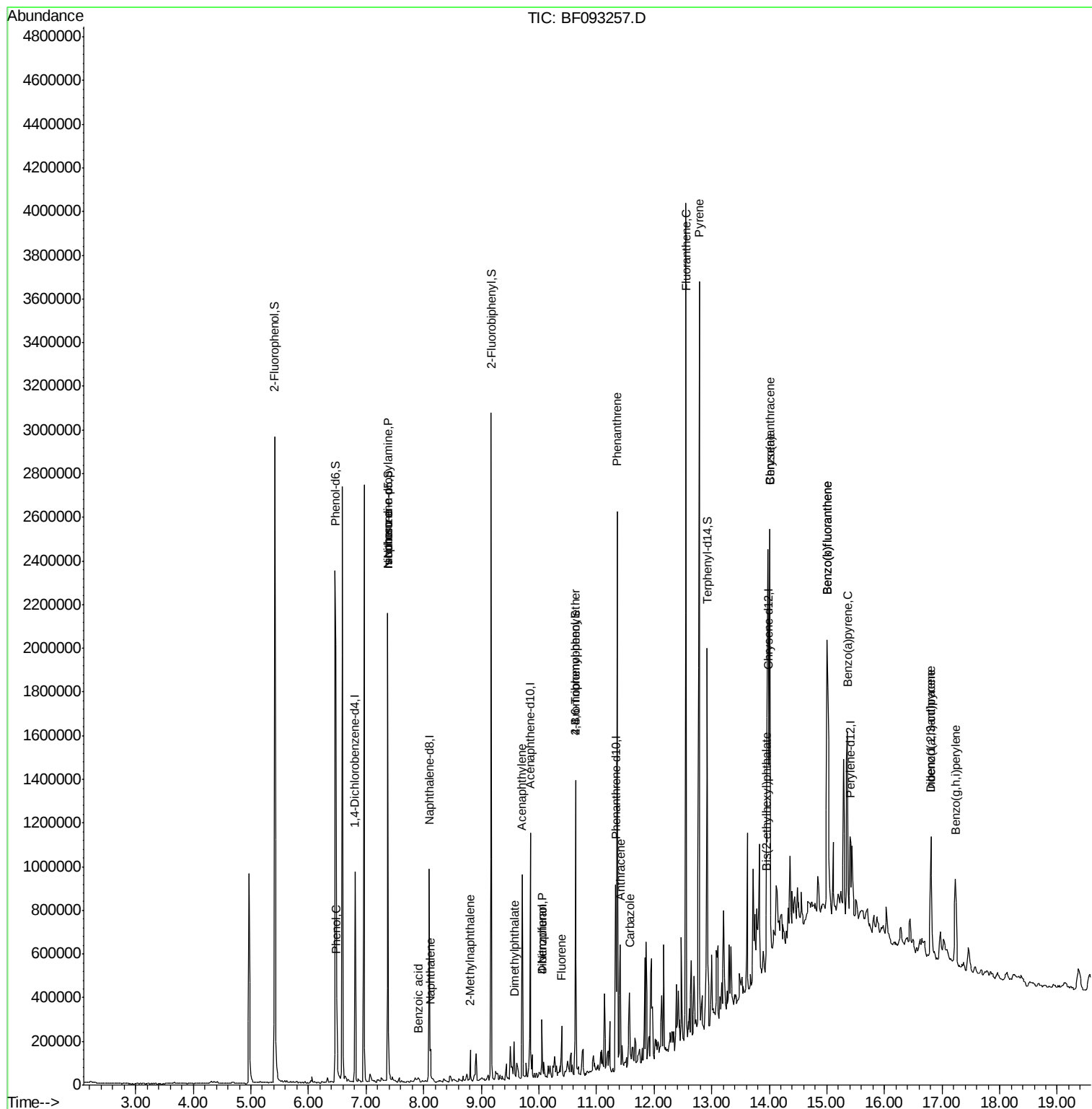
Quant Time: Mar 01 02:17:33 2017

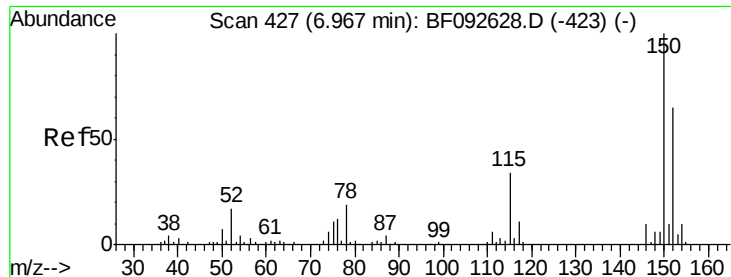
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

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BNA_F

ClientSampleId :

TK3-7-20170227

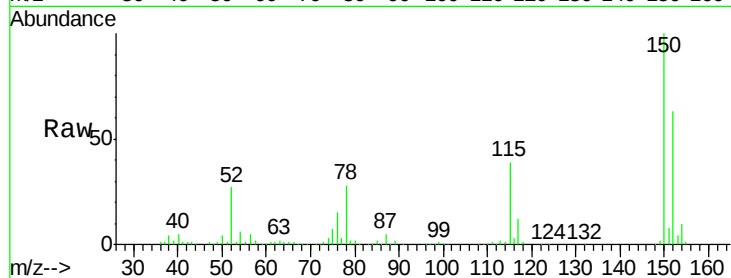
Tgt Ion:152 Resp: 140728

Ion Ratio Lower Upper

152 100

150 158.6 124.9 187.3

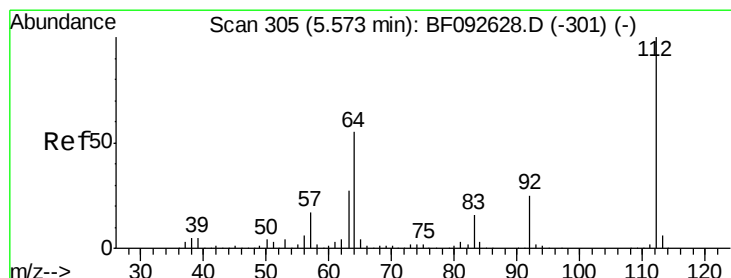
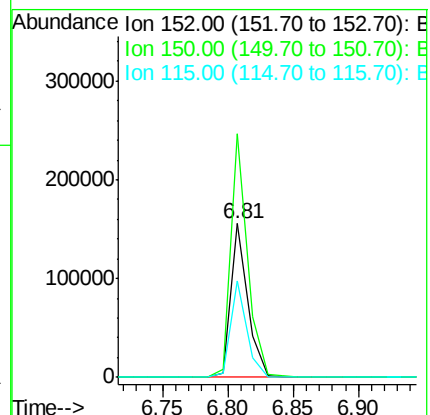
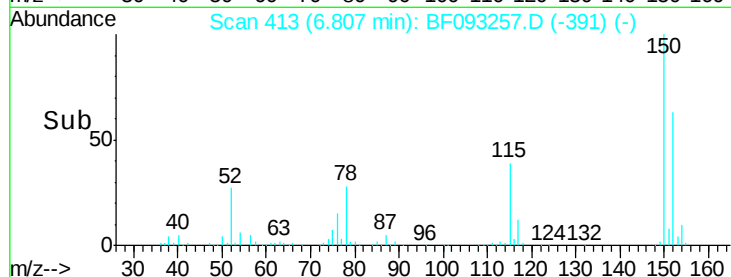
115 62.4 46.0 69.0



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: 111.16 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

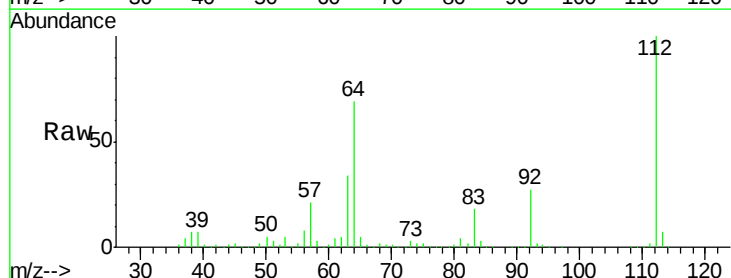
Tgt Ion:112 Resp: 911807

Ion Ratio Lower Upper

112 100

64 68.8 46.1 69.1

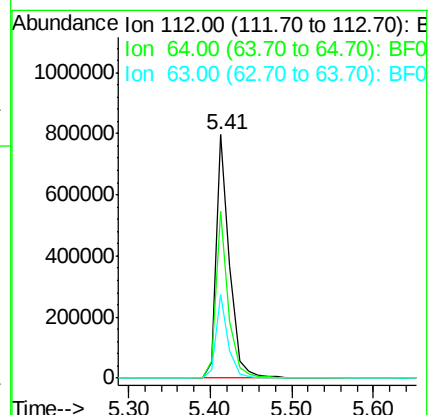
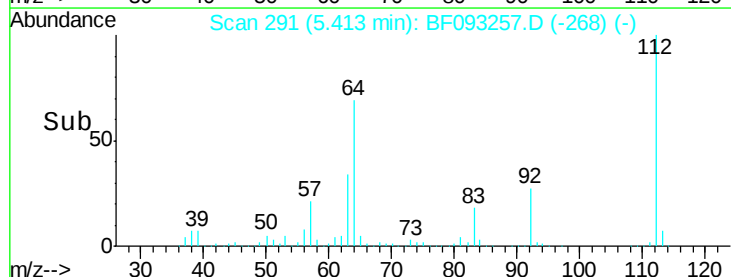
63 34.4 23.8 35.6

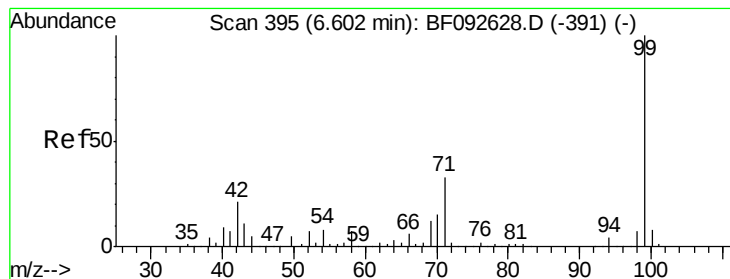


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.33 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093257.D

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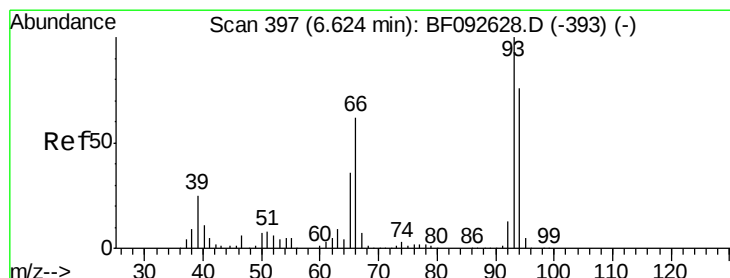
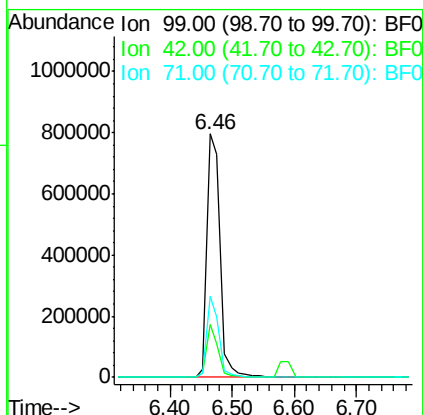
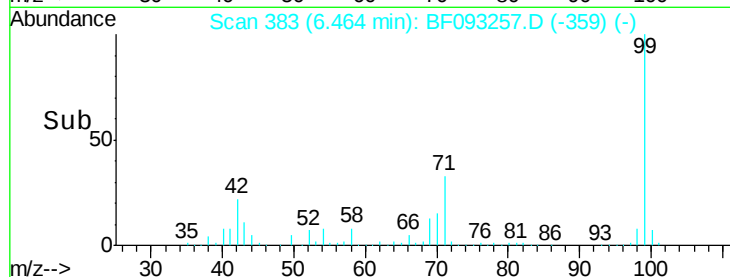
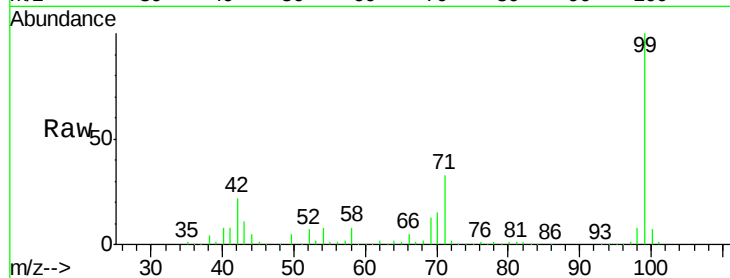
Tgt Ion: 99 Resp: 1175008

Ion Ratio Lower Upper

99 100

42 21.9 15.6 23.4

71 33.1 27.5 41.3



#10

Phenol

Concen: 6.81 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

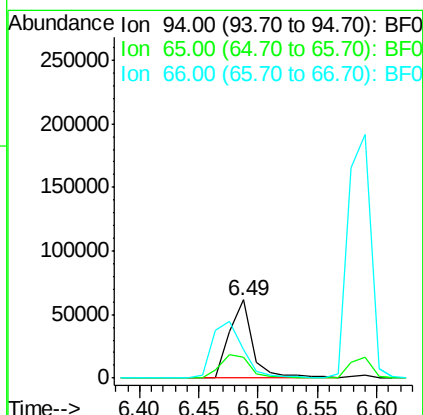
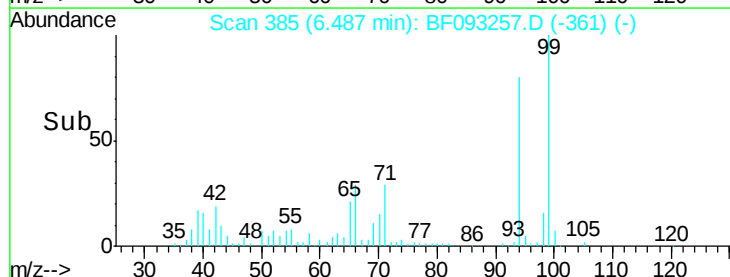
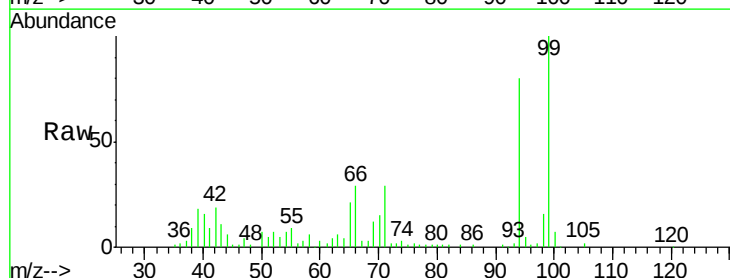
Tgt Ion: 94 Resp: 84104

Ion Ratio Lower Upper

94 100

65 26.6 21.4 61.4

66 36.7 44.0 84.0#

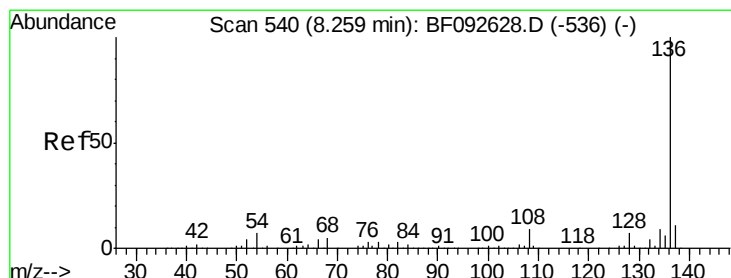
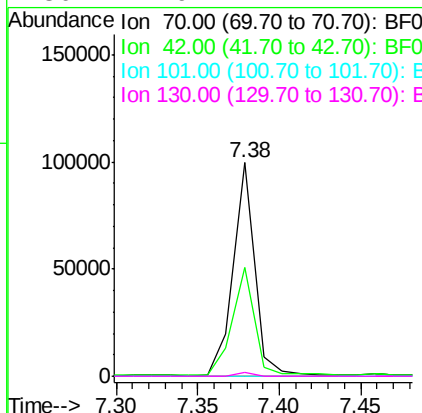
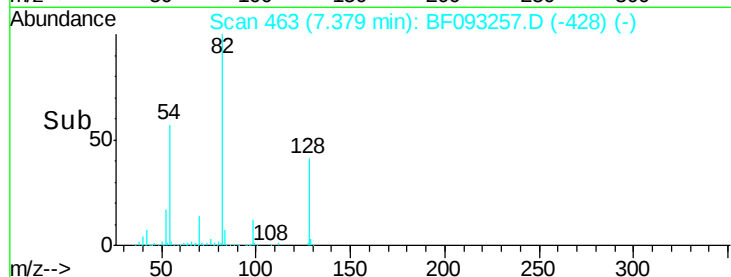
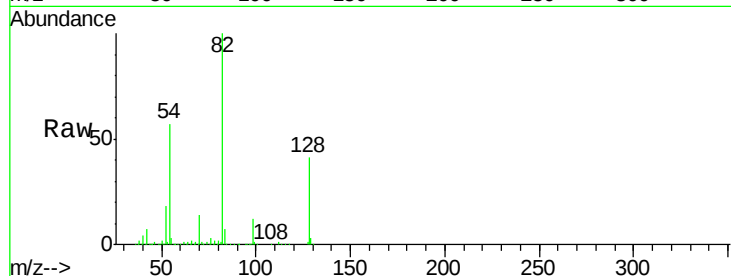




#19
n-Nitroso-di-n-propylamine
Concen: 13.64 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093257.D
Acq: 28 Feb 2017 19:15

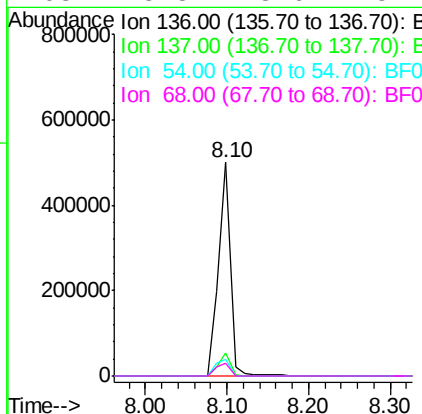
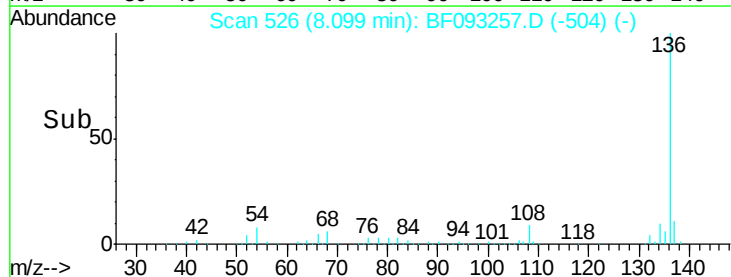
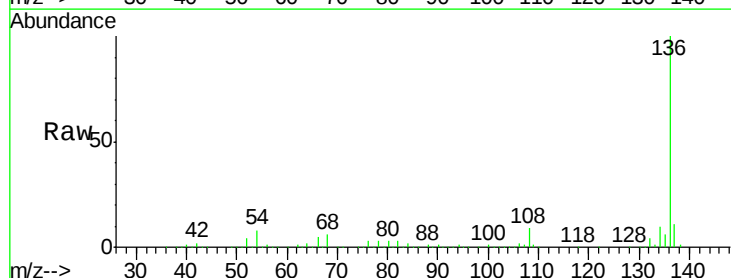
Instrument :
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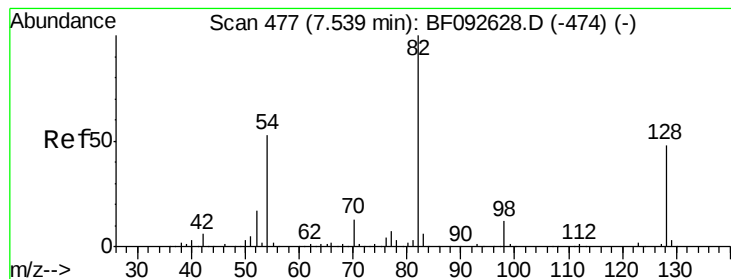
Tgt Ion: 70 Resp: 91616
Ion Ratio Lower Upper
70 100
42 50.8 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093257.D
Acq: 28 Feb 2017 19:15

Tgt Ion: 136 Resp: 504815
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.8 4.5 6.7#
68 5.8 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 74.37 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

Instrument :

BNA_F

ClientSampleId :

TK3-7-20170227

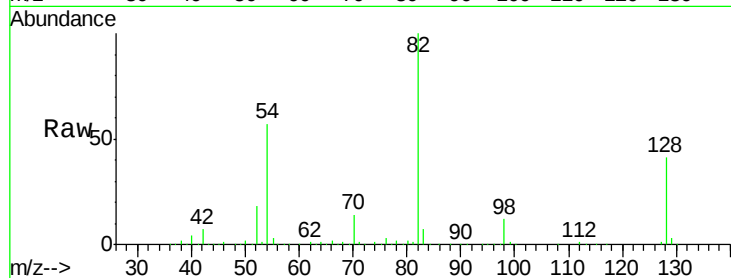
Tgt Ion: 82 Resp: 674209

Ion Ratio Lower Upper

82 100

128 41.3 34.6 52.0

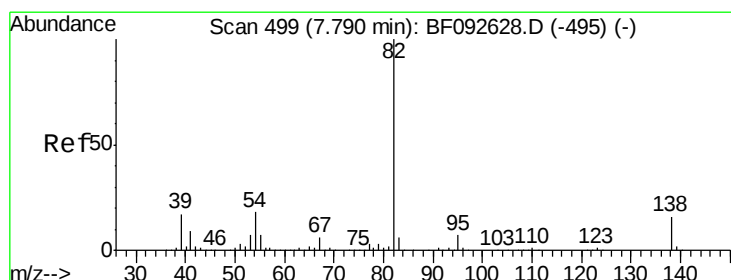
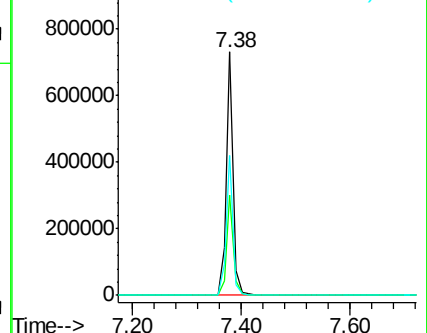
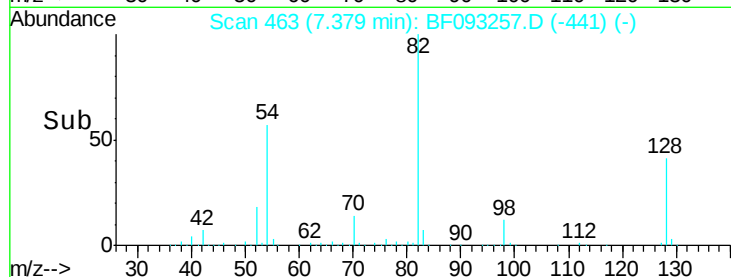
54 57.3 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 33.70 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.31 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

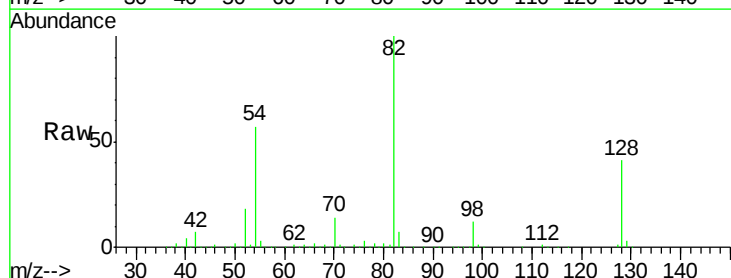
Tgt Ion: 82 Resp: 569331

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

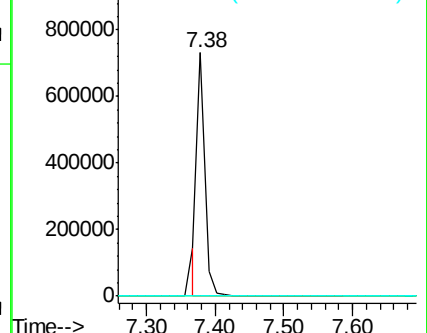
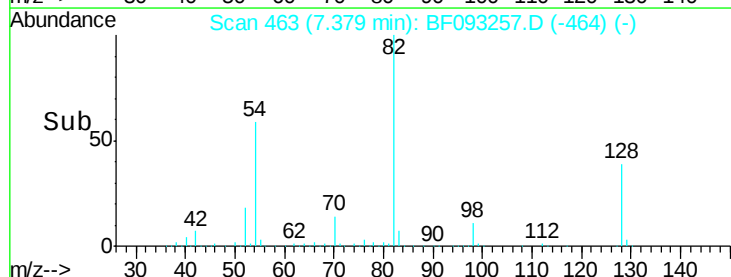
138 0.0 14.6 22.0#

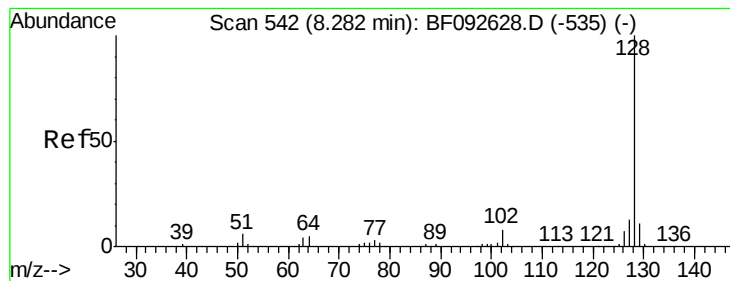


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 2.97 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF093257.D

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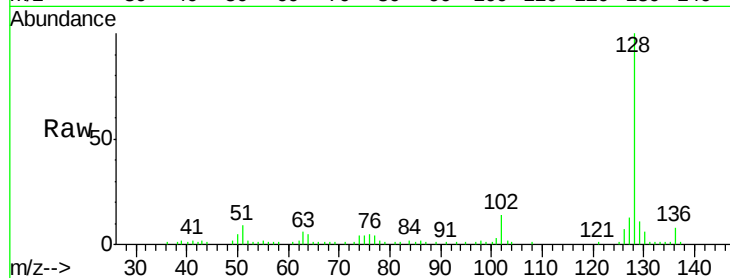
Tgt Ion:128 Resp: 76077

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

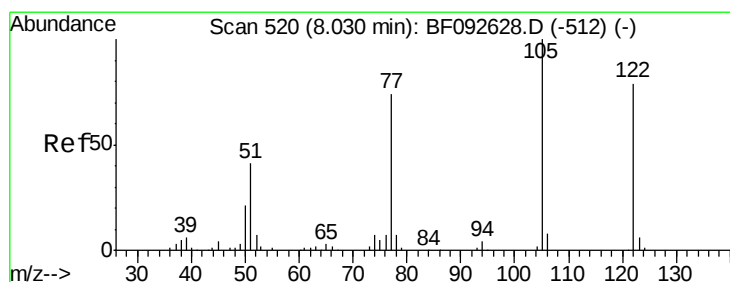
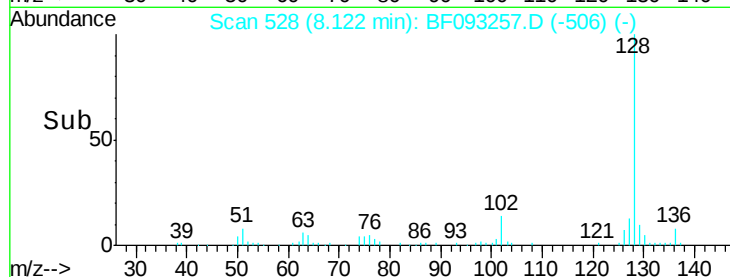
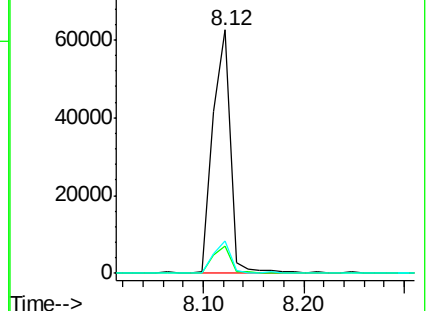
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.45 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

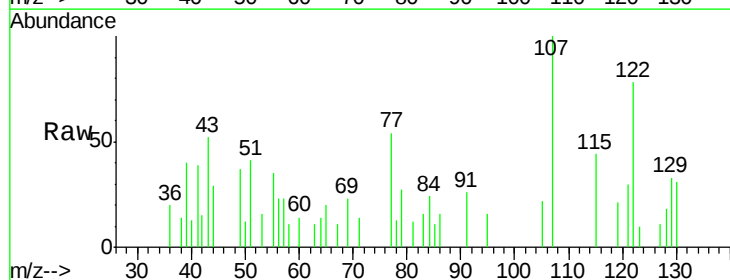
Tgt Ion:122 Resp: 6625

Ion Ratio Lower Upper

122 100

105 28.1 107.2 147.2#

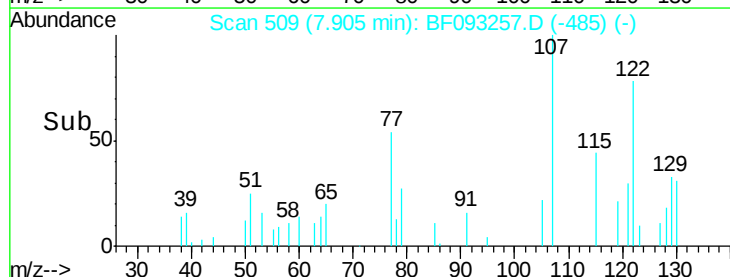
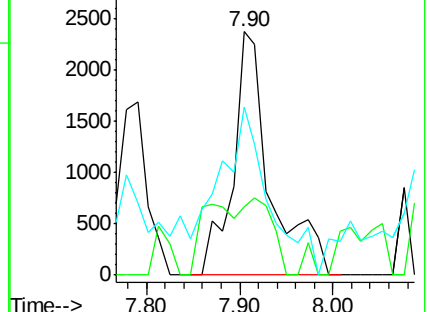
77 69.1 74.5 114.5#

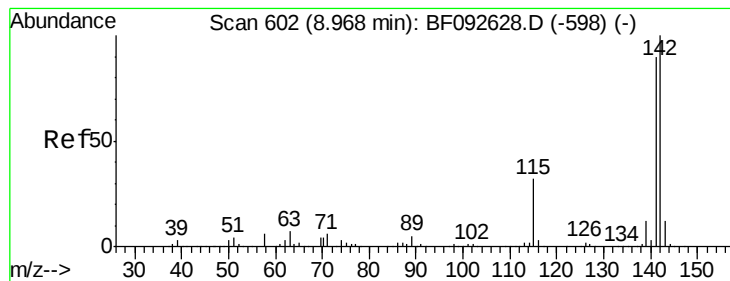


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#37

2-Methylnaphthalene

Concen: 2.26 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

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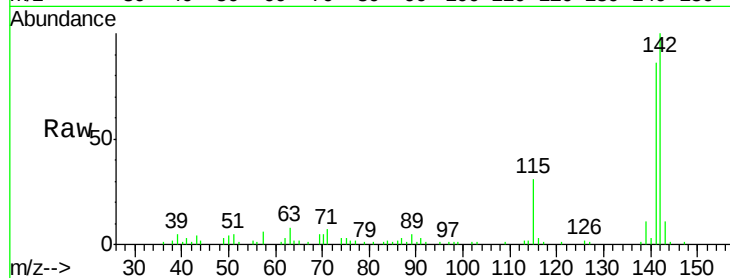
Tgt Ion:142 Resp: 37141

Ion Ratio Lower Upper

142 100

141 86.4 71.0 106.6

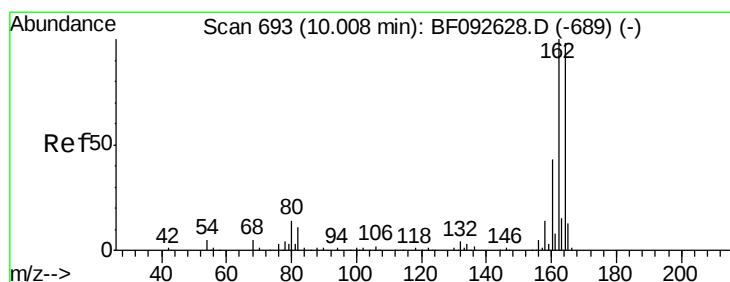
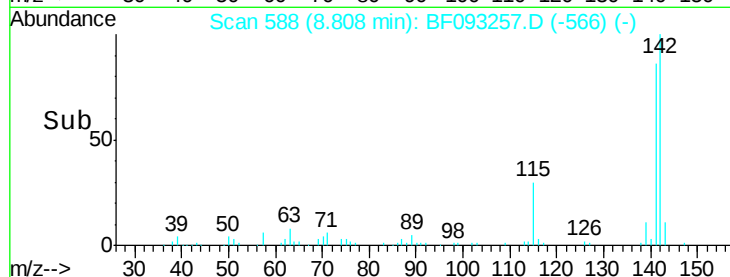
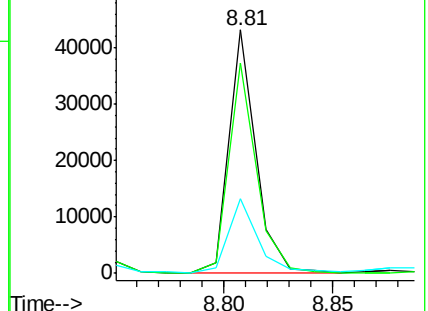
115 30.8 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

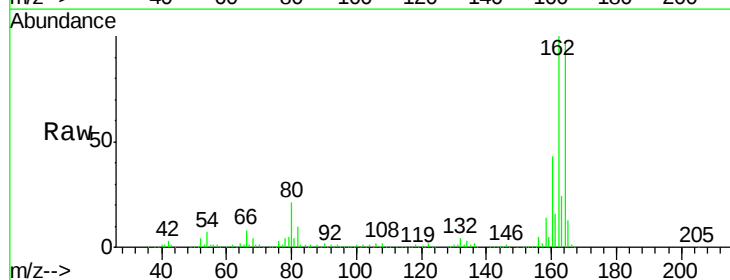
Tgt Ion:164 Resp: 204252

Ion Ratio Lower Upper

164 100

162 103.3 80.2 120.2

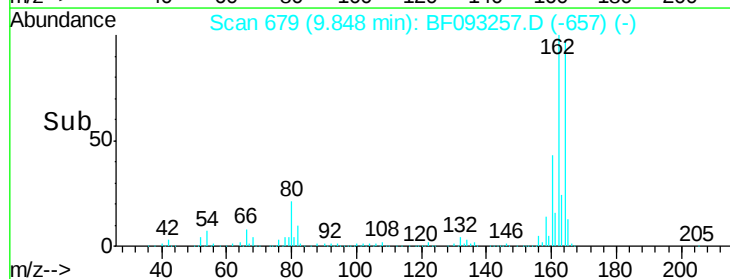
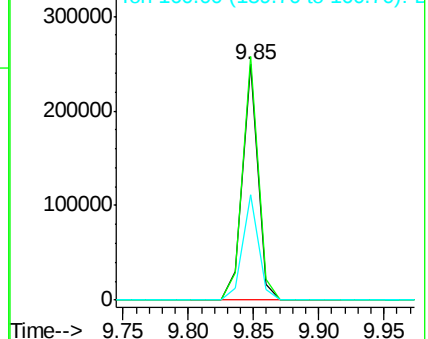
160 44.8 36.9 55.3

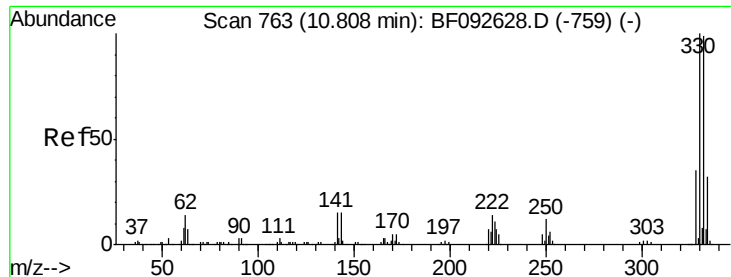


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

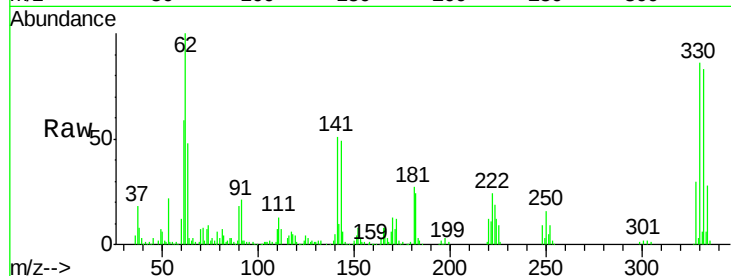




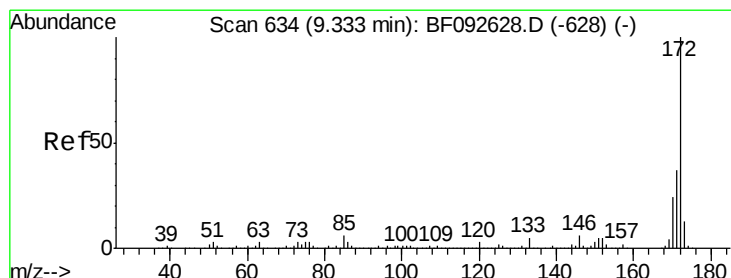
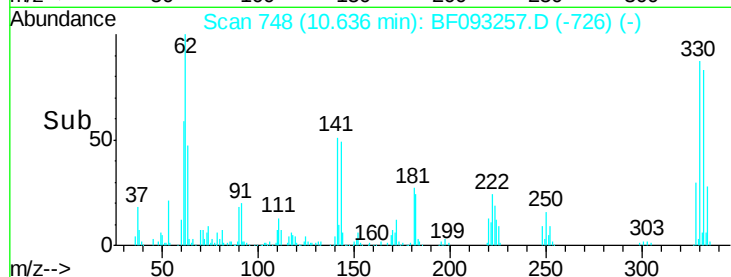
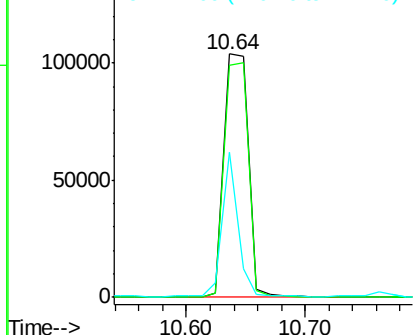
#41
 2,4,6-Tribromophenol
 Concen: 99.54 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF093257.D
 Acq: 28 Feb 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 TK3-7-20170227

Tgt Ion:330 Resp: 147043
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 38.6 34.1 51.1

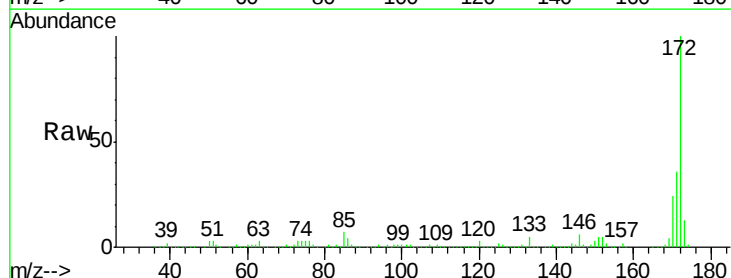


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

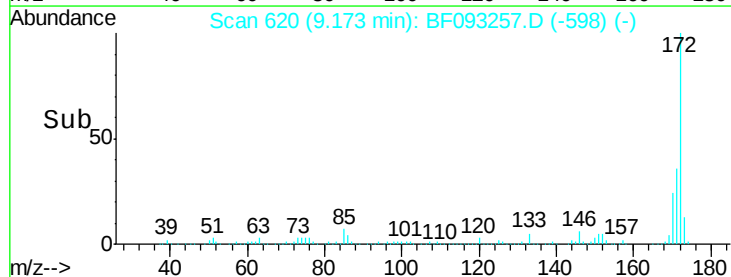
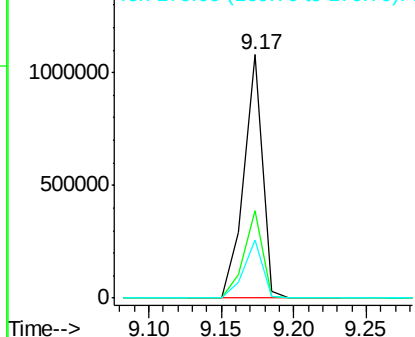


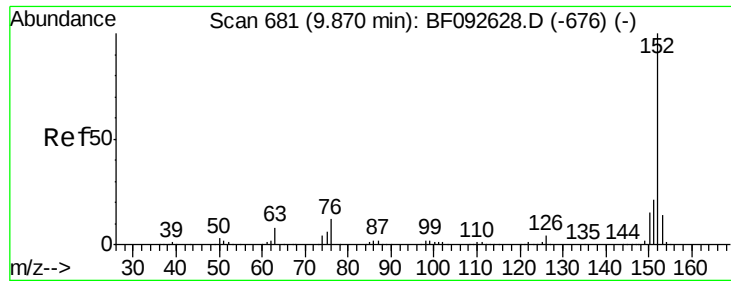
#44
 2-Fluorobiphenyl
 Concen: 85.89 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093257.D
 Acq: 28 Feb 2017 19:15

Tgt Ion:172 Resp: 968344
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.1 20.2 30.4



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





#48

Acenaphthylene

Concen: 18.79 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

Instrument :

BNA_F

ClientSampleId :

TK3-7-20170227

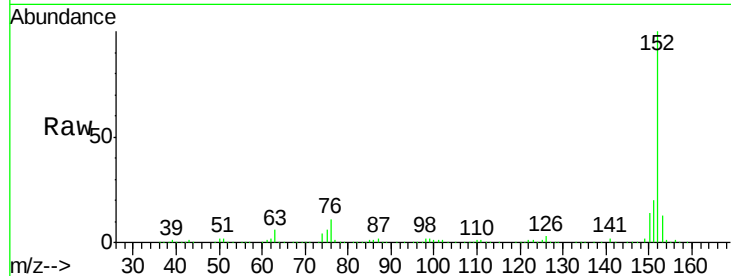
Tgt Ion:152 Resp: 375570

Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

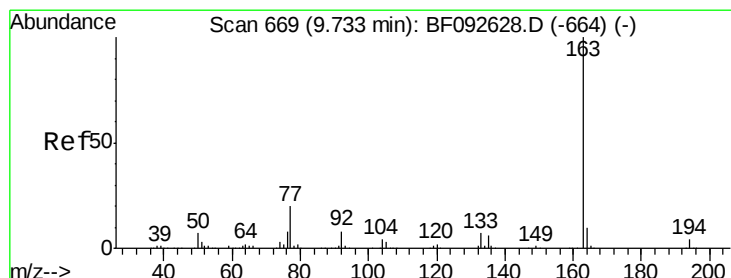
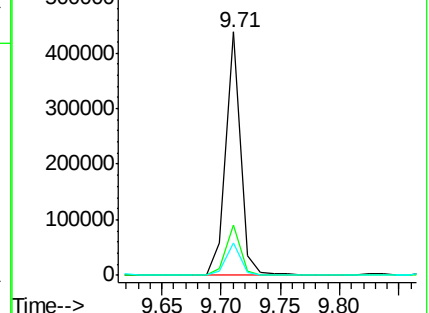
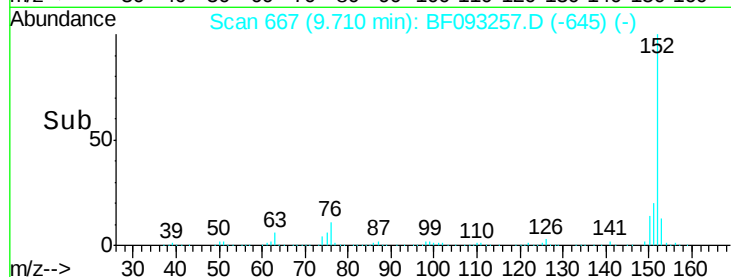
153 13.2 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 5.50 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

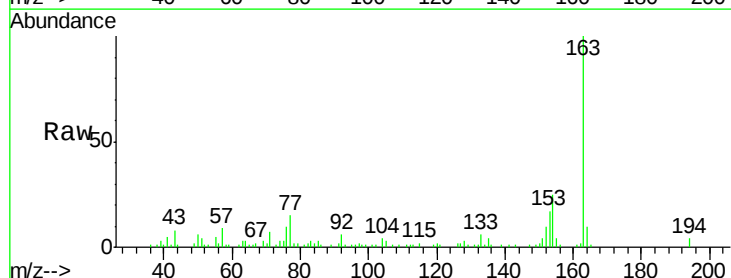
Tgt Ion:163 Resp: 75720

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.4

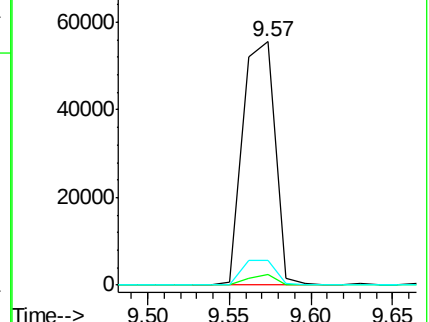
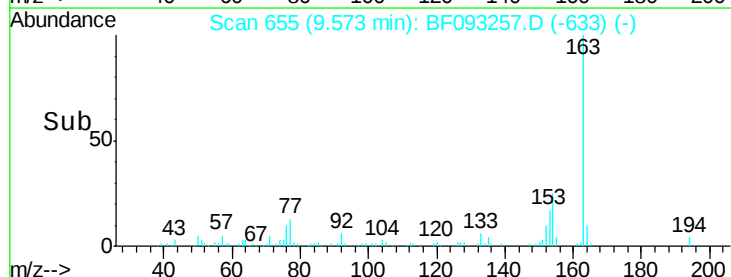
164 10.3 8.0 12.0

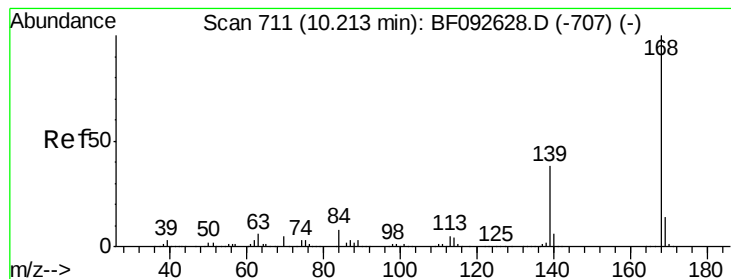


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#54

Dibenzenofuran

Concen: 5.44 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

Instrument :

BNA_F

ClientSampleId :

TK3-7-20170227

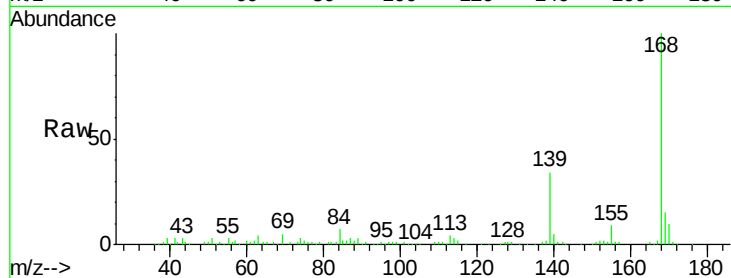
Tgt Ion:168 Resp: 86942

Ion Ratio Lower Upper

168 100

139 33.6 32.6 49.0

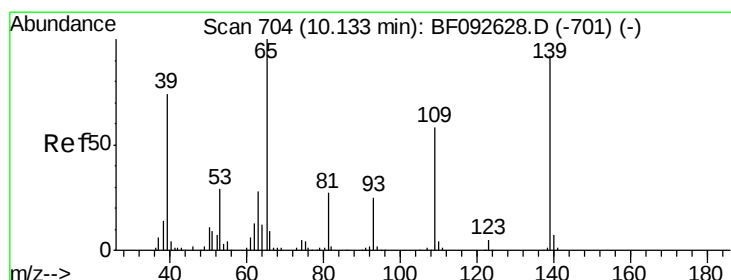
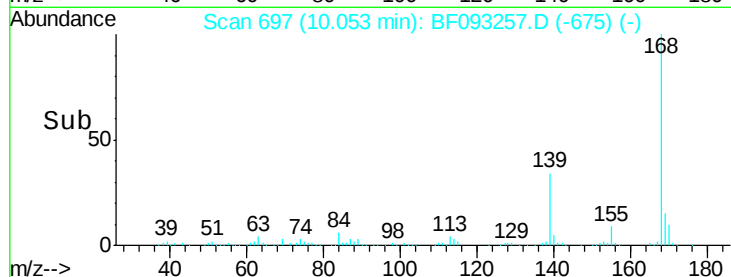
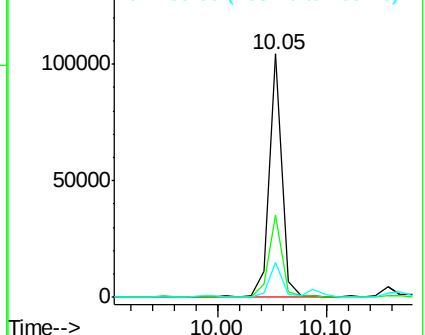
169 14.6 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 12.52 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.03 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

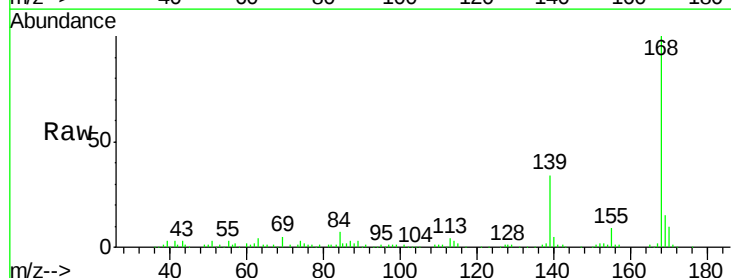
Tgt Ion:139 Resp: 30649

Ion Ratio Lower Upper

139 100

109 2.3 52.2 92.2#

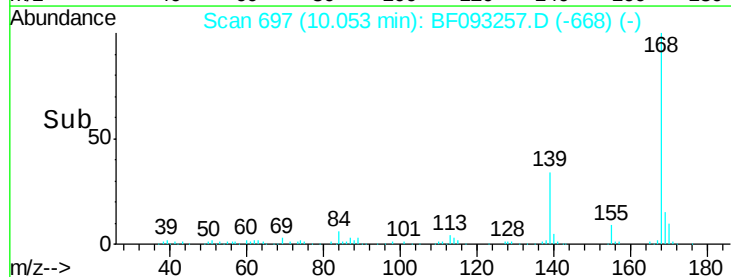
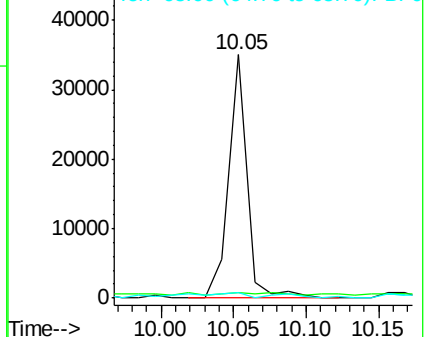
65 2.2 85.8 125.8#

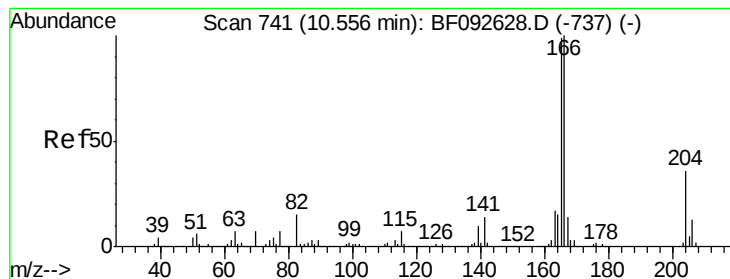


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 6.37 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

Instrument :

BNA_F

ClientSampleId :

TK3-7-20170227

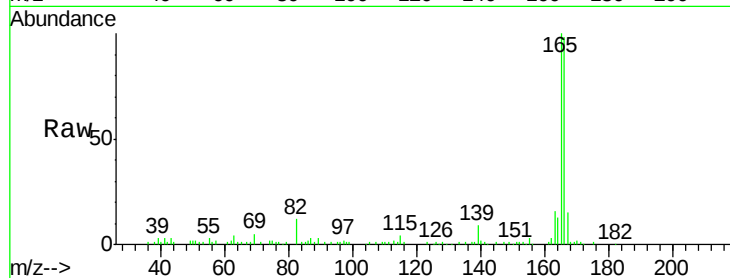
Tgt Ion:166 Resp: 78279

Ion Ratio Lower Upper

166 100

165 102.3 77.8 116.8

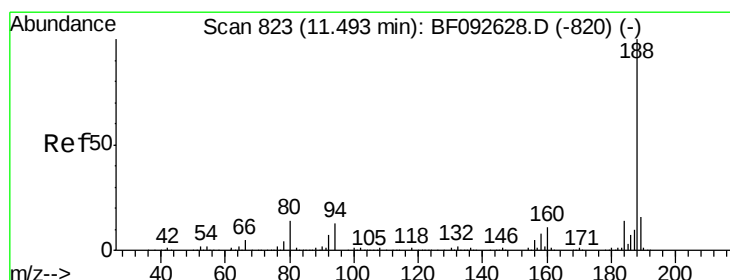
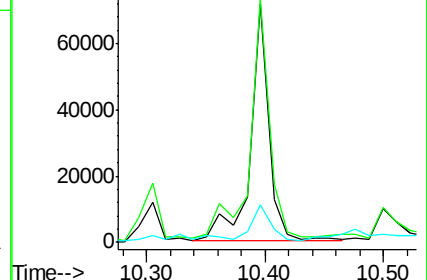
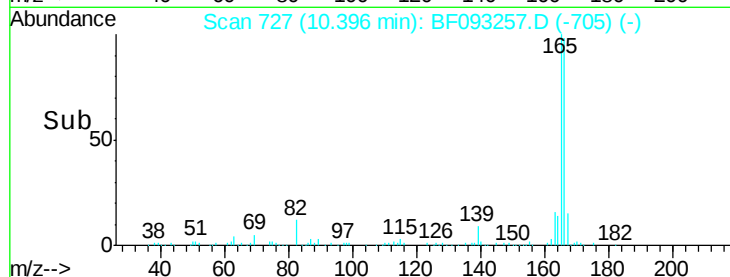
167 15.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

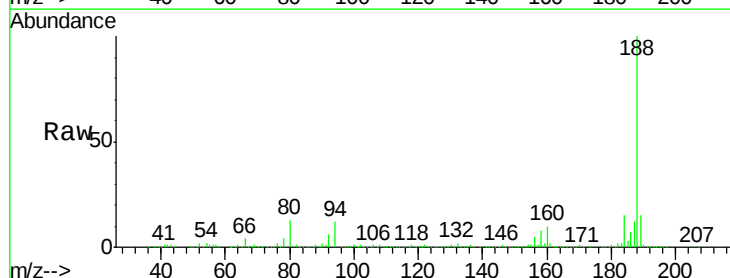
Tgt Ion:188 Resp: 300855

Ion Ratio Lower Upper

188 100

94 12.0 10.0 15.0

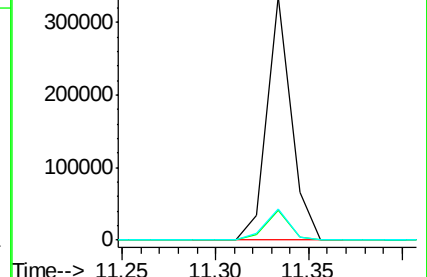
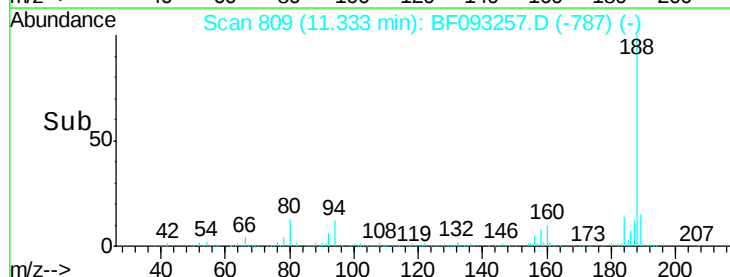
80 13.0 11.2 16.8

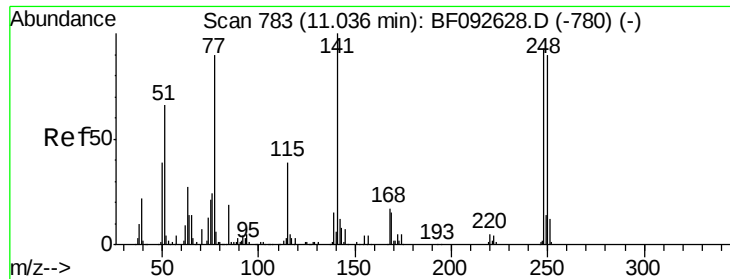


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.50 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.29 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

Instrument :

BNA_F

ClientSampleId :

TK3-7-20170227

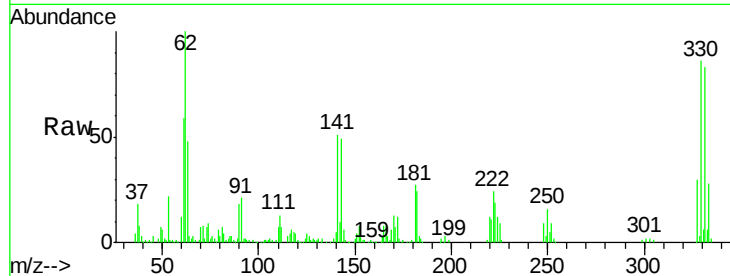
Tgt Ion:248 Resp: 10990

Ion Ratio Lower Upper

248 100

250 179.9 76.9 115.3#

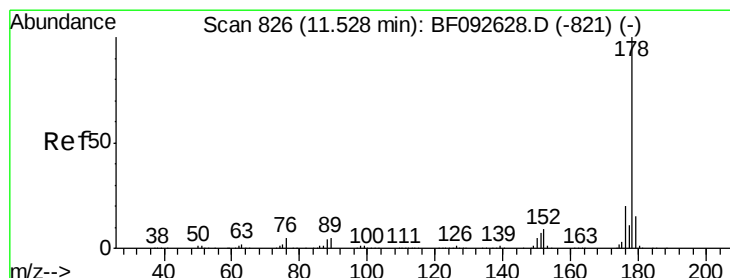
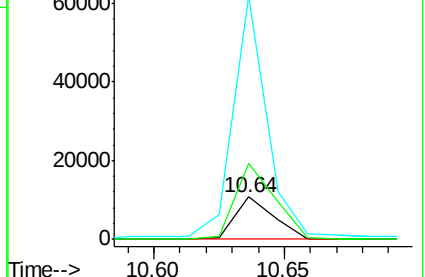
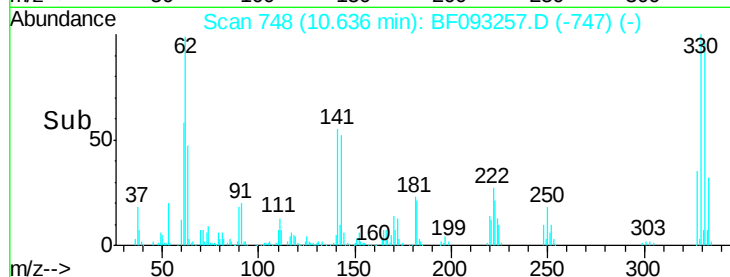
141 578.7 68.2 102.4#



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: 68.99 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.05 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

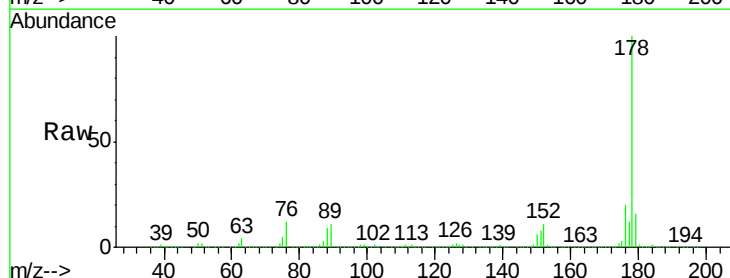
Tgt Ion:178 Resp: 1189110

Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

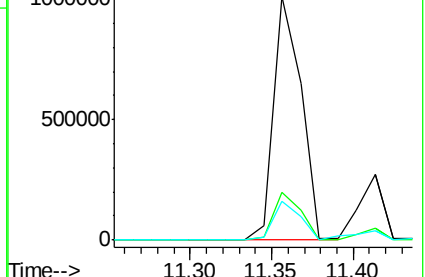
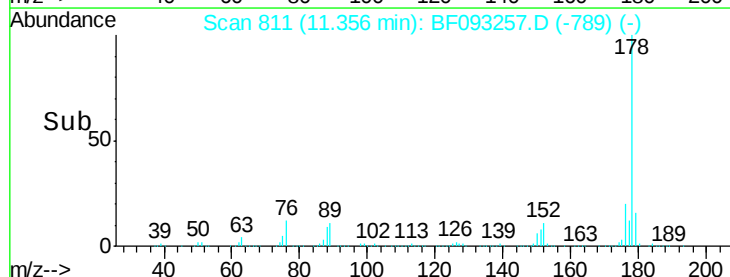
179 15.8 12.8 19.2

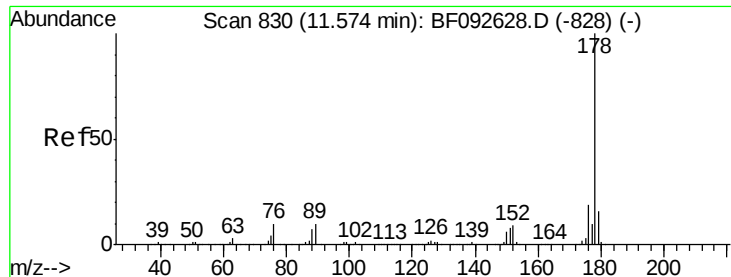


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

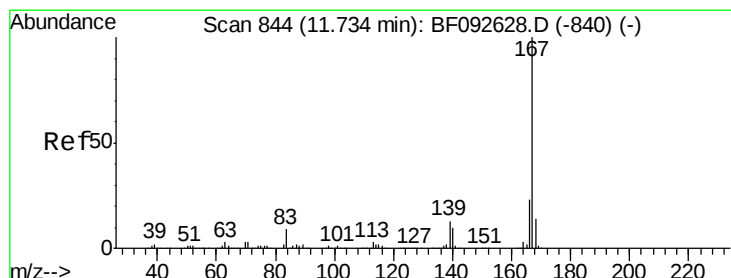
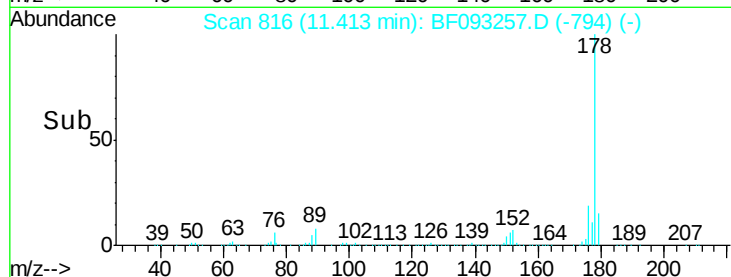
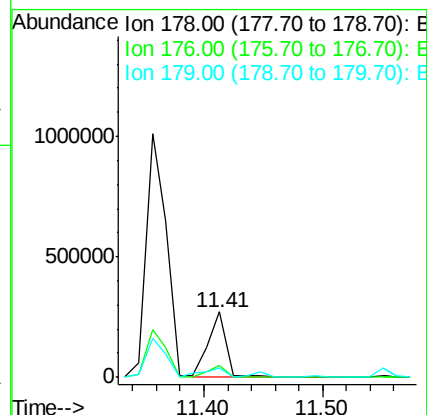
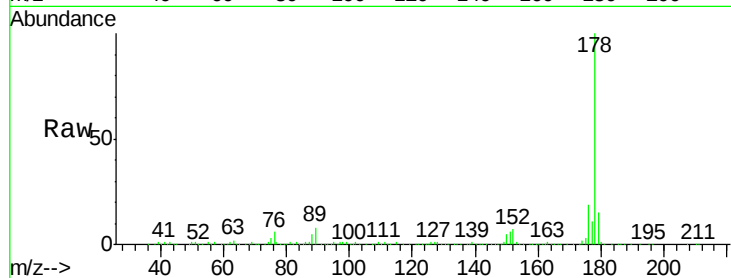




#71
 Anthracene
 Concen: 16.77 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF093257.D
 Acq: 28 Feb 2017 19:15

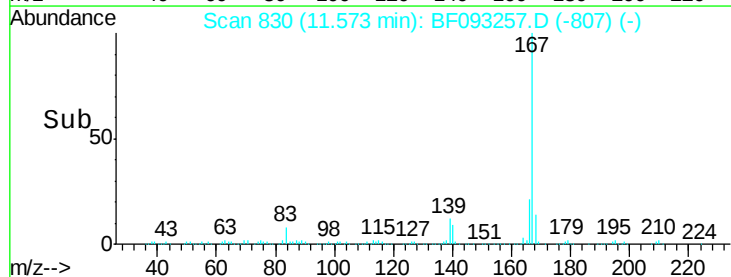
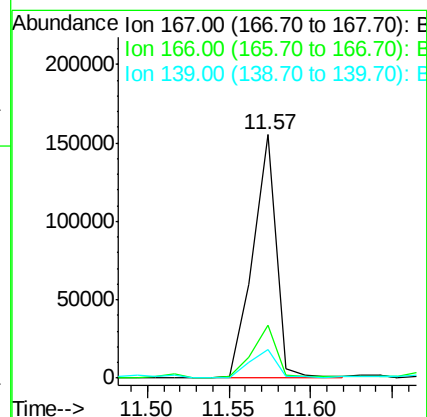
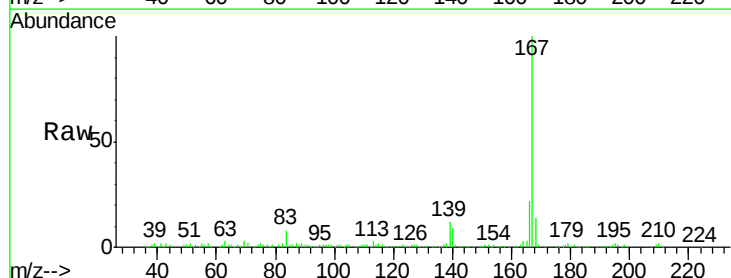
Instrument :
 BNA_F
 ClientSampleId :
 TK3-7-20170227

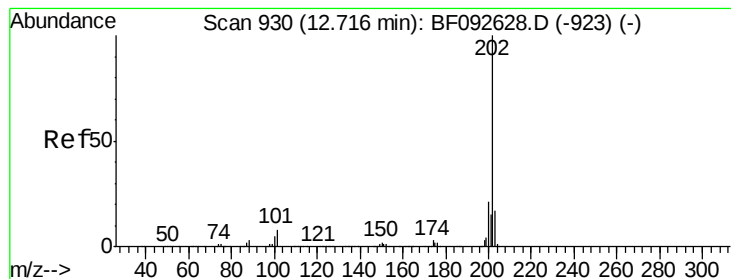
Tgt Ion:178 Resp: 290201
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.9 23.9
 179 15.0 13.2 19.8



#72
 Carbazole
 Concen: 9.25 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF093257.D
 Acq: 28 Feb 2017 19:15

Tgt Ion:167 Resp: 153081
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.2 27.2
 139 11.8 11.4 17.2





#74

Fluoranthene

Concen: 97.88 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

Instrument :

BNA_F

ClientSampleId :

TK3-7-20170227

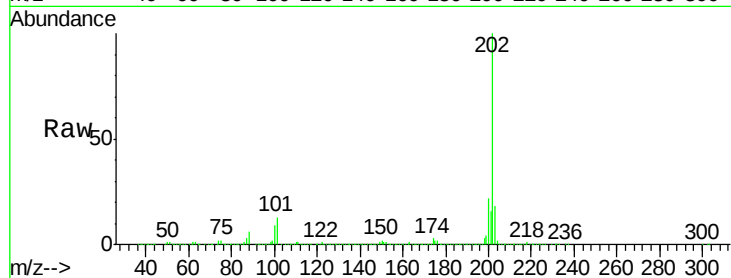
Tgt Ion:202 Resp: 1740152

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.6

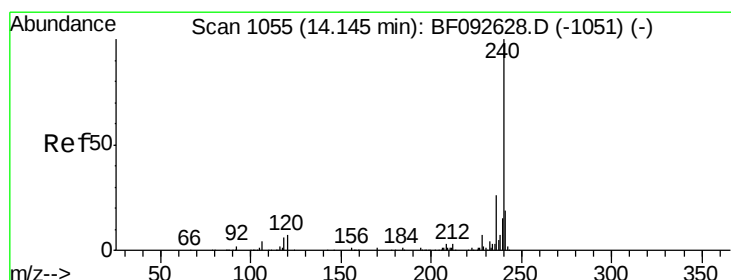
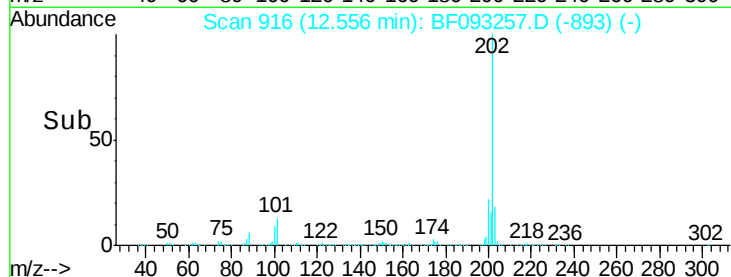
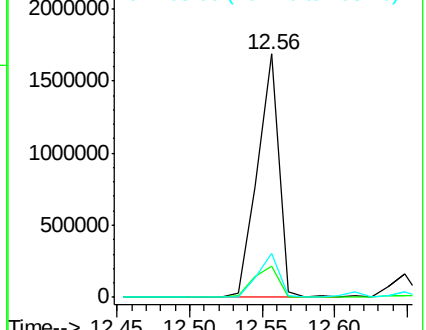
203 17.9 0.0 38.7



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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

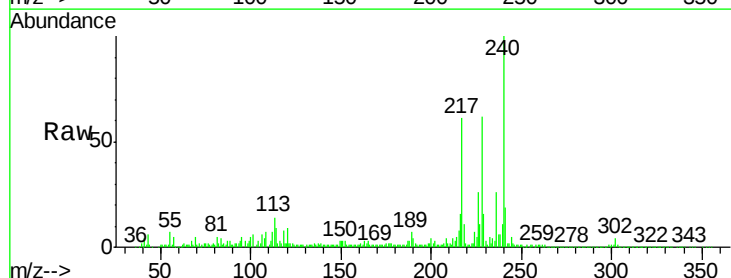
Tgt Ion:240 Resp: 258191

Ion Ratio Lower Upper

240 100

120 8.7 12.9 19.3#

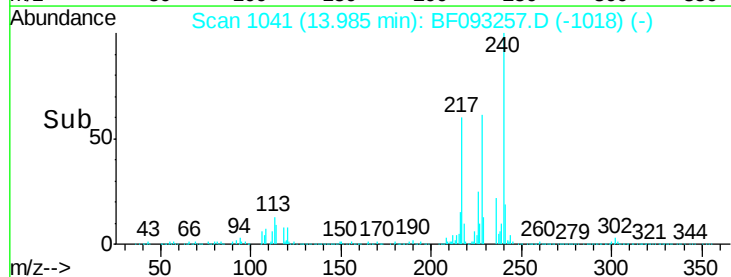
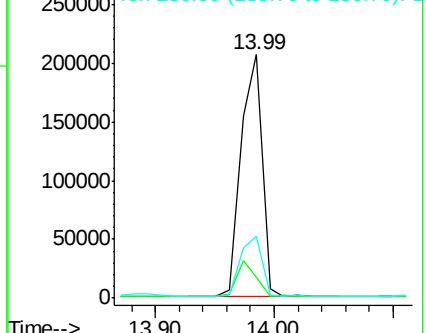
236 25.7 20.9 31.3

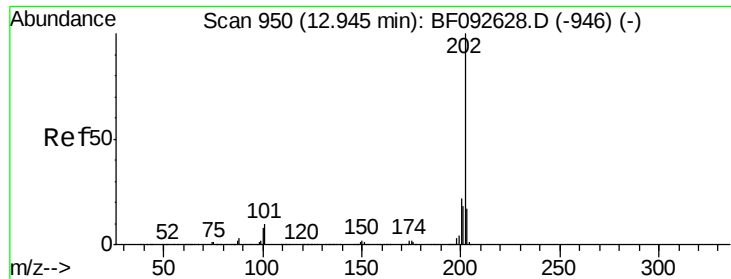


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

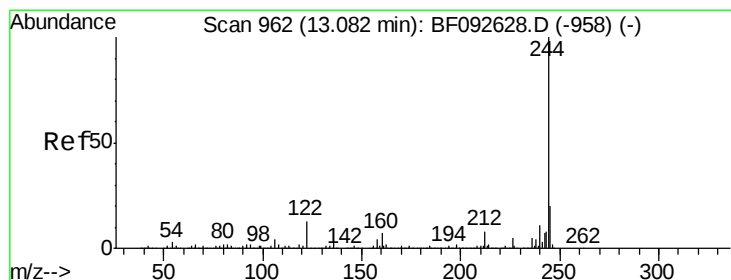
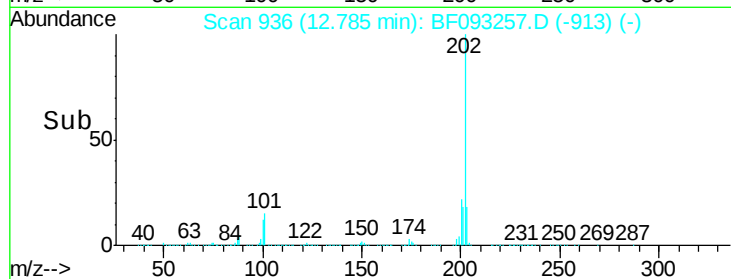
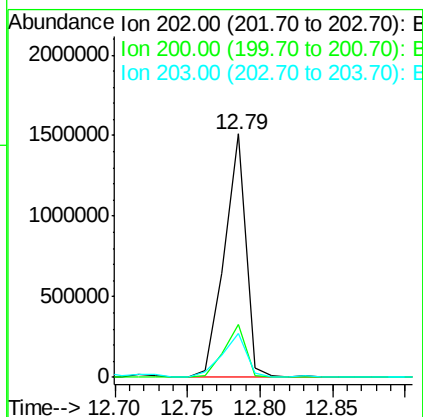
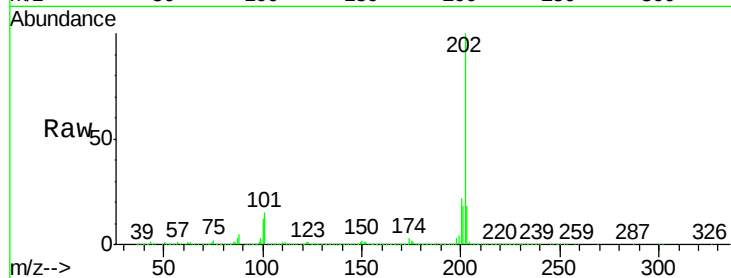




#77
 Pyrene
 Concen: 80.20 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.03 min
 Lab File: BF093257.D
 Acq: 28 Feb 2017 19:15

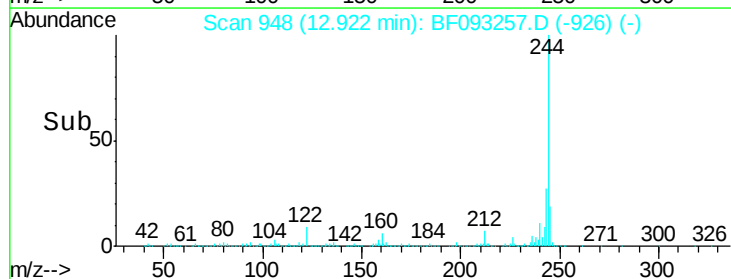
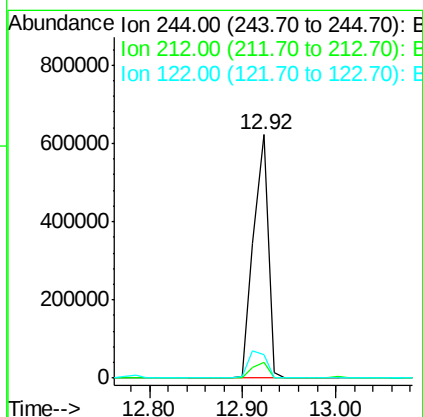
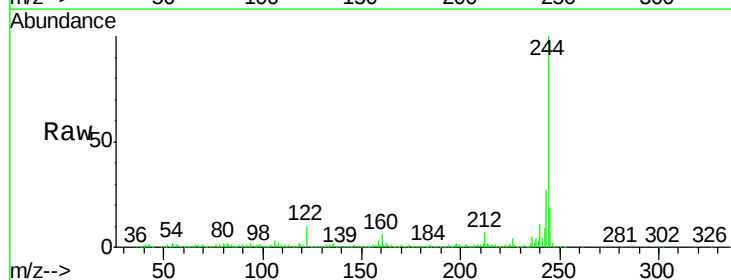
Instrument :
 BNA_F
 ClientSampleId :
 TK3-7-20170227

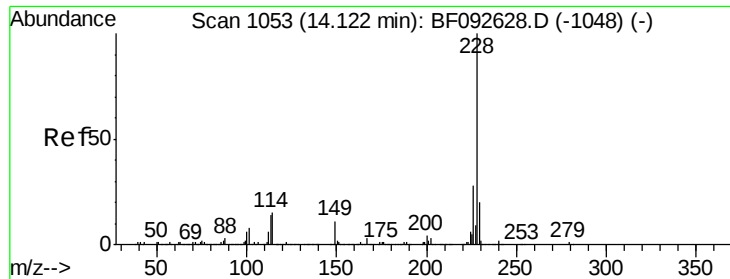
Tgt Ion:202 Resp: 1549686
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.7 26.5
 203 18.1 14.7 22.1



#78
 Terphenyl-d14
 Concen: 61.81 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.05 min
 Lab File: BF093257.D
 Acq: 28 Feb 2017 19:15

Tgt Ion:244 Resp: 679187
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.2
 122 9.6 11.4 17.2#





#80

Benzo(a)anthracene

Concen: 47.38 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

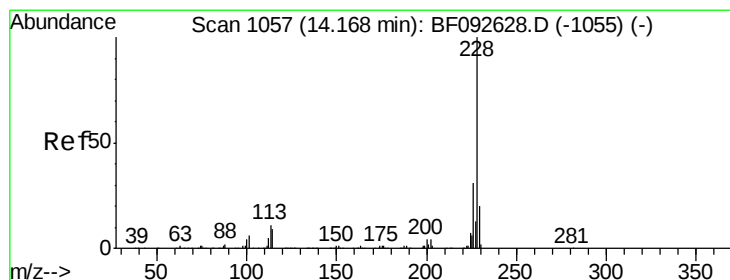
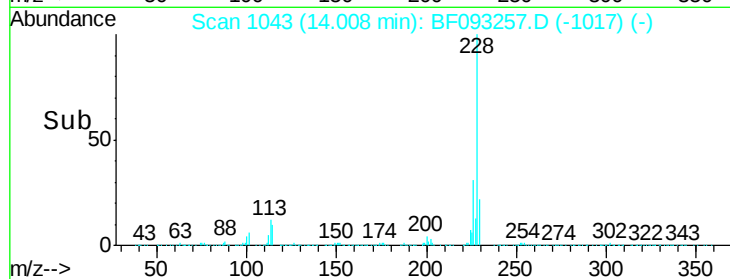
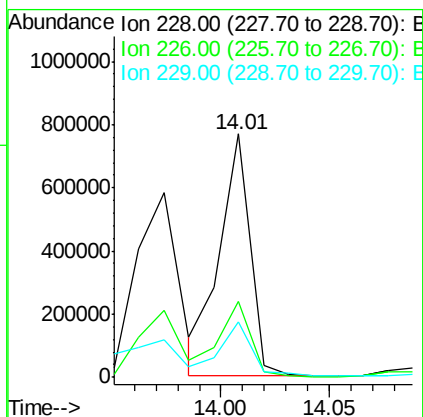
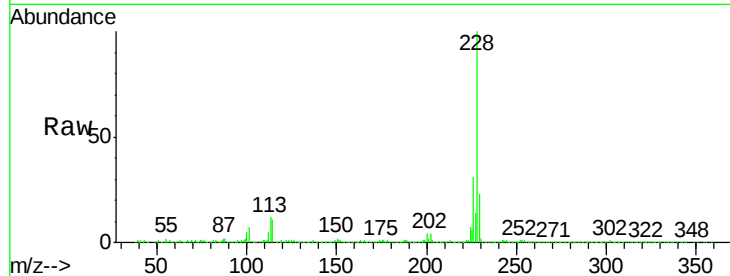
Instrument :

BNA_F

ClientSampleId :

TK3-7-20170227

Tgt Ion:	228	Resp:	748267
Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.4	33.6
229	22.7	16.2	24.4



#82

Chrysene

Concen: 50.57 ng

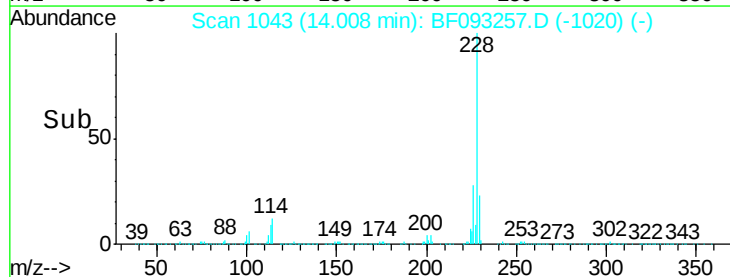
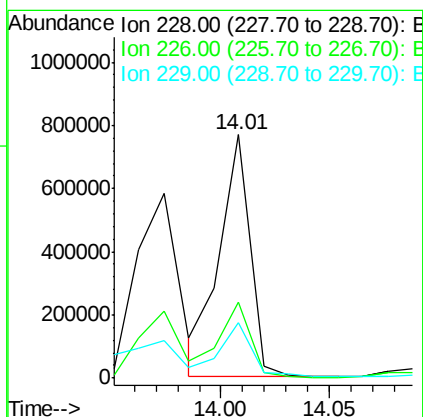
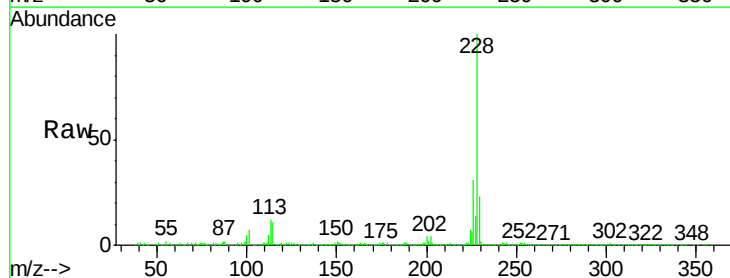
RT: 14.01 min Scan# 1043

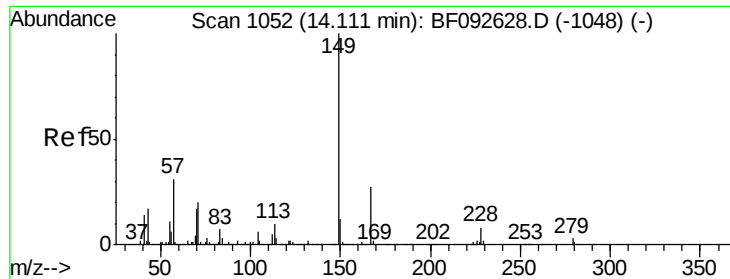
Delta R.T. -0.03 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

Tgt Ion:	228	Resp:	747625
Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	22.7	16.2	24.2

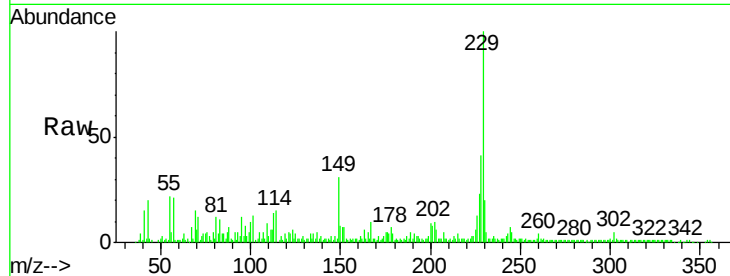




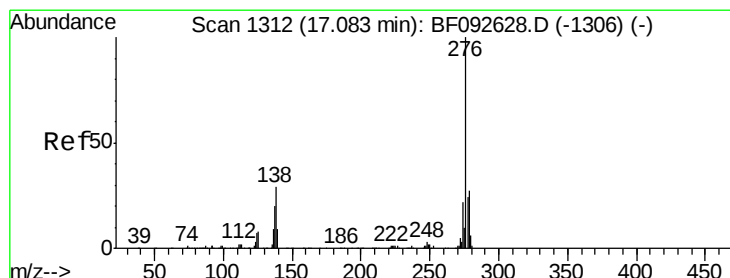
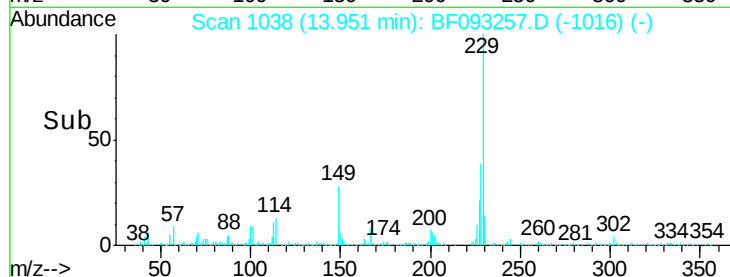
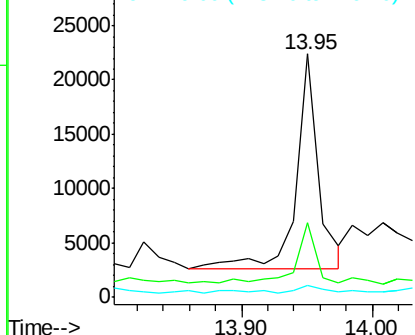
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.21 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.05 min
 Lab File: BF093257.D
 Acq: 28 Feb 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 TK3-7-20170227

Tgt Ion:149 Resp: 23755
 Ion Ratio Lower Upper
 149 100
 167 30.9 20.2 30.4#
 279 4.8 1.8 2.8#

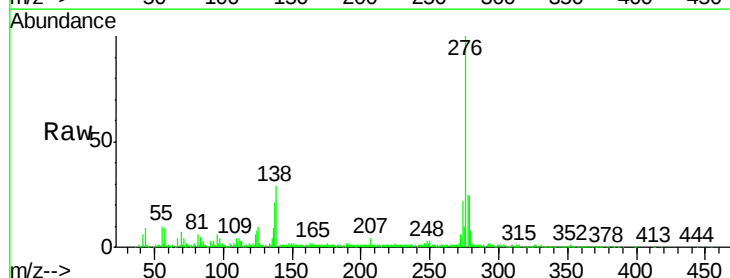


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

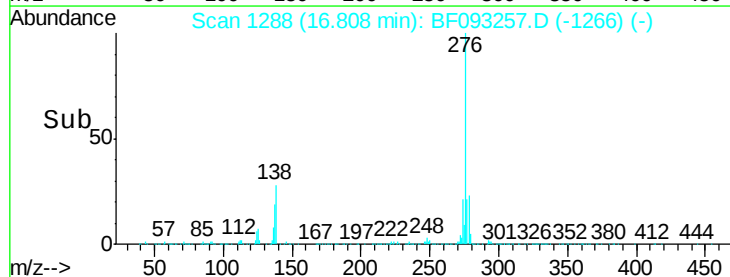
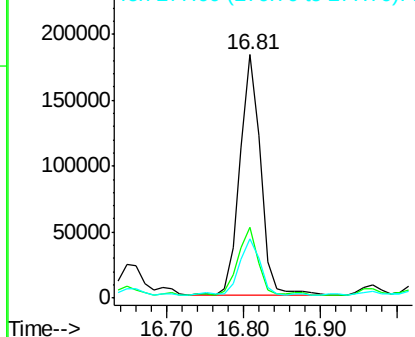


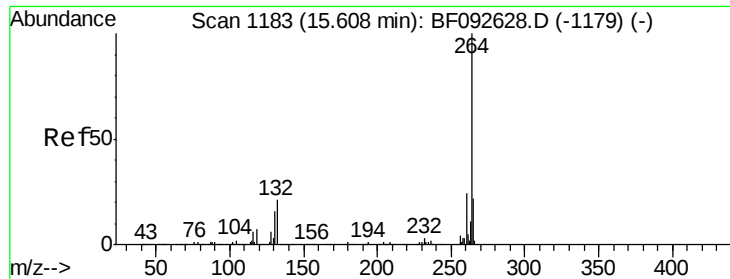
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.31 ng
 RT: 16.81 min Scan# 1288
 Delta R.T. -0.05 min
 Lab File: BF093257.D
 Acq: 28 Feb 2017 19:15

Tgt Ion:276 Resp: 347157
 Ion Ratio Lower Upper
 276 100
 138 26.8 21.8 32.6
 277 23.7 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

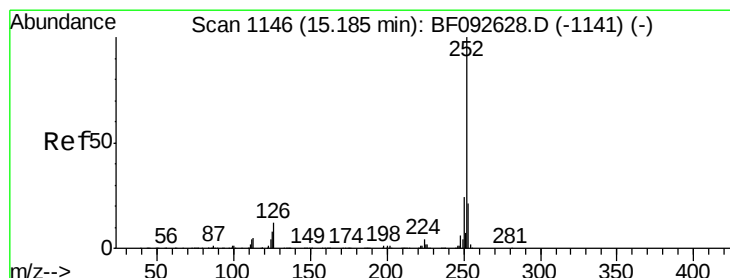
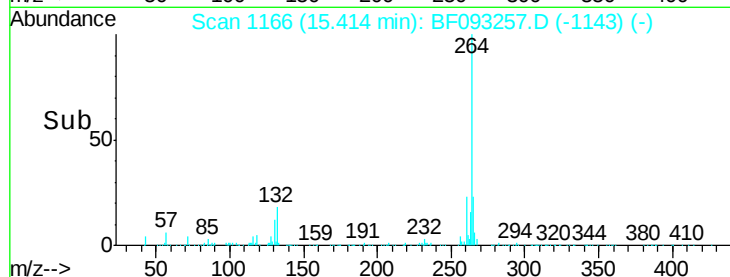
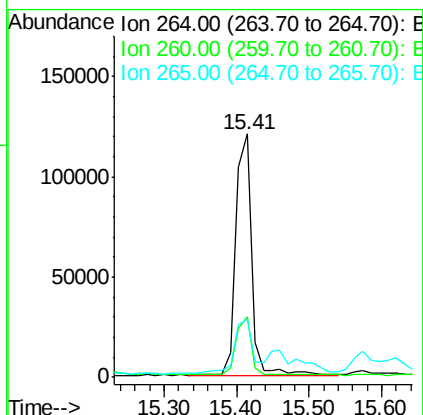
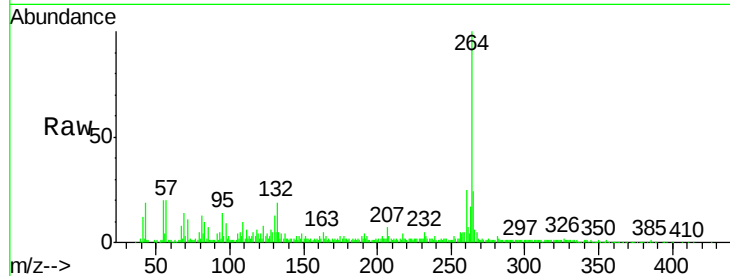




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093257.D
Acq: 28 Feb 2017 19:15

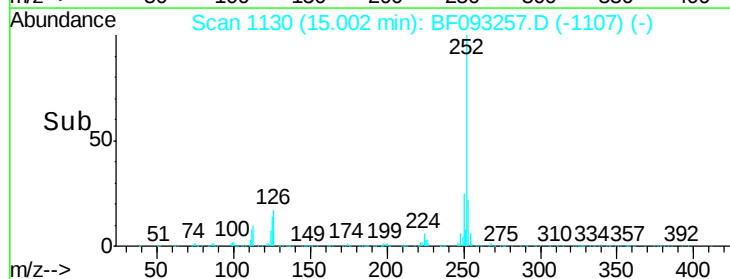
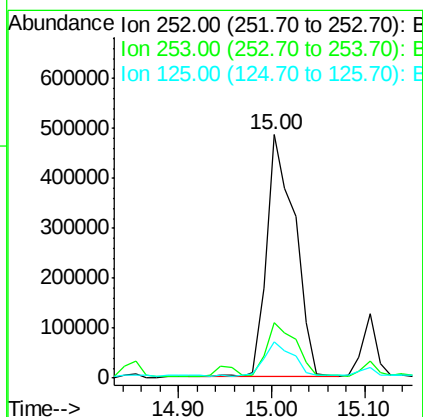
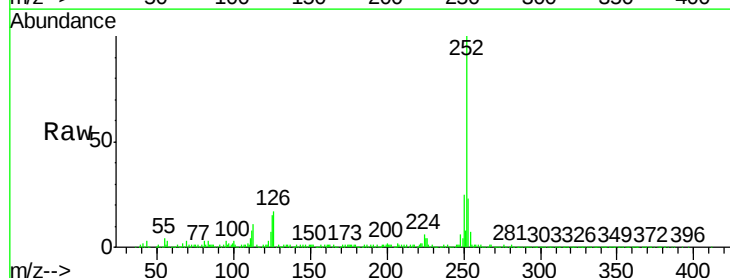
Instrument :
BNA_F
ClientSampleId :
TK3-7-20170227

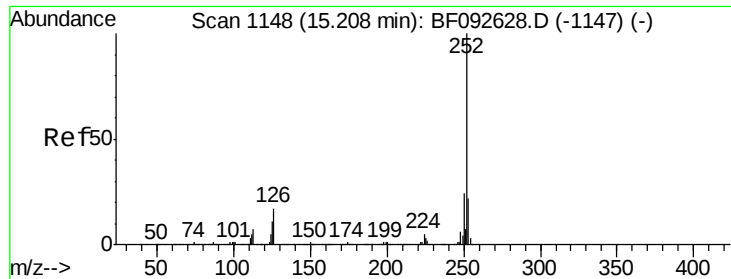
Tgt Ion:264 Resp: 182354
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 23.9 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 85.62 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093257.D
Acq: 28 Feb 2017 19:15

Tgt Ion:252 Resp: 1027605
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 14.8 9.8 14.6#

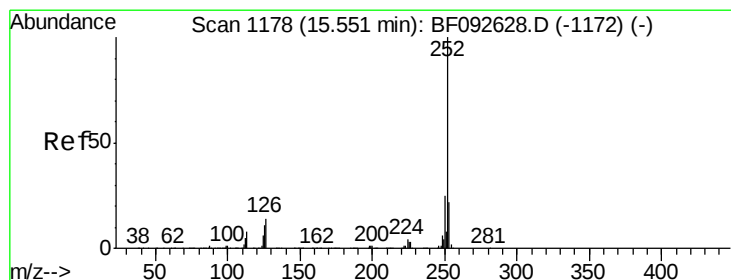
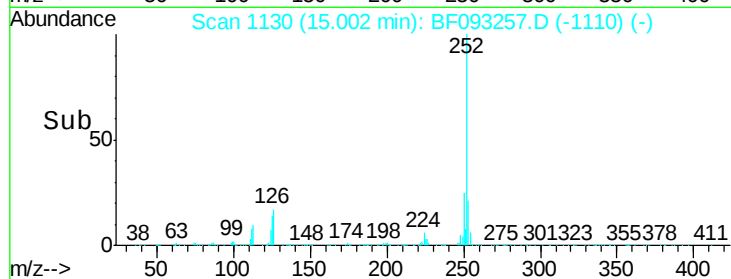
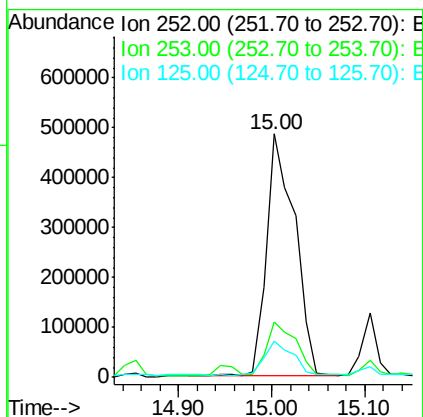
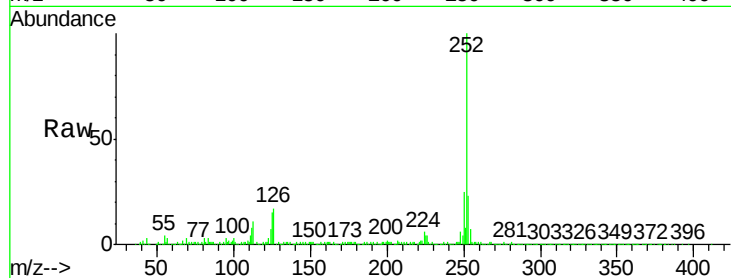




#88
Benzo(k)fluoranthene
Concen: 99.16 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF093257.D
Acq: 28 Feb 2017 19:15

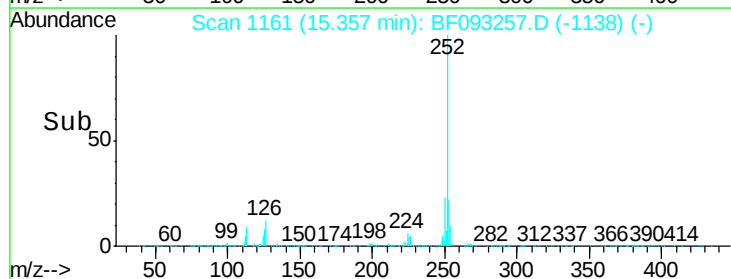
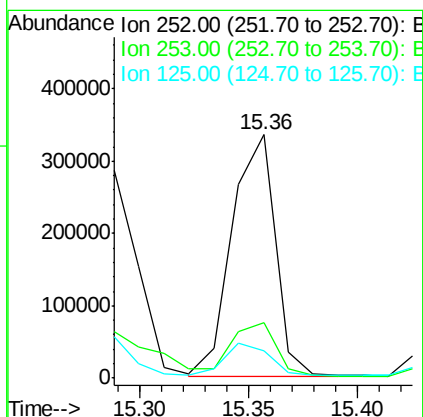
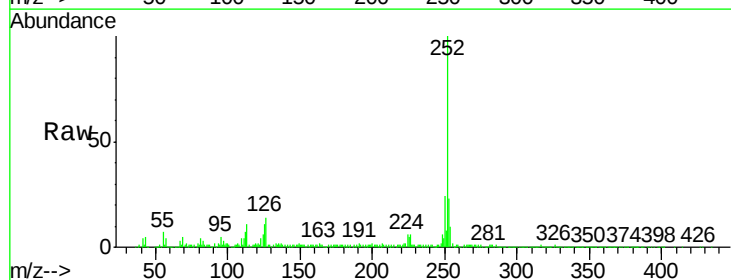
Instrument :
BNA_F
ClientSampleId :
TK3-7-20170227

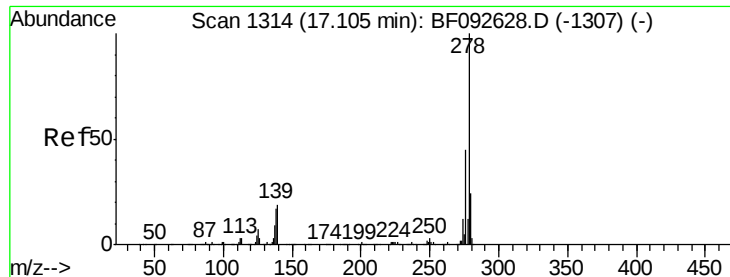
Tgt Ion:252 Resp: 1027605
Ion Ratio Lower Upper
252 100
253 22.6 18.5 27.7
125 14.8 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 44.43 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF093257.D
Acq: 28 Feb 2017 19:15

Tgt Ion:252 Resp: 461258
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 11.4 10.0 15.0





#90

Dibenzo(a,h)anthracene

Concen: 10.22 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.06 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

Instrument :

BNA_F

ClientSampleId :

TK3-7-20170227

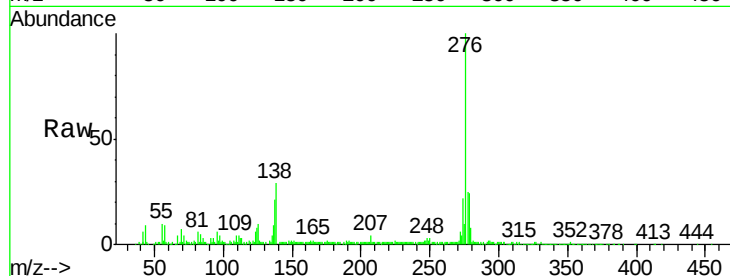
Tgt Ion:278 Resp: 85727

Ion Ratio Lower Upper

278 100

139 0.0 14.8 22.2#

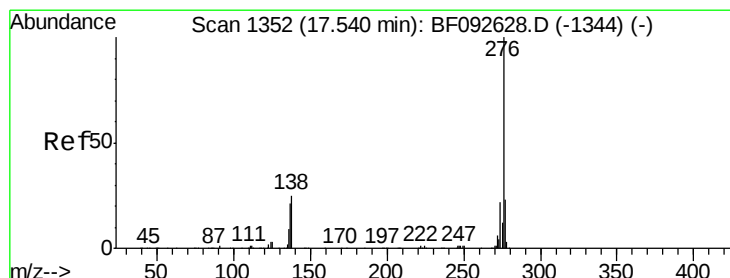
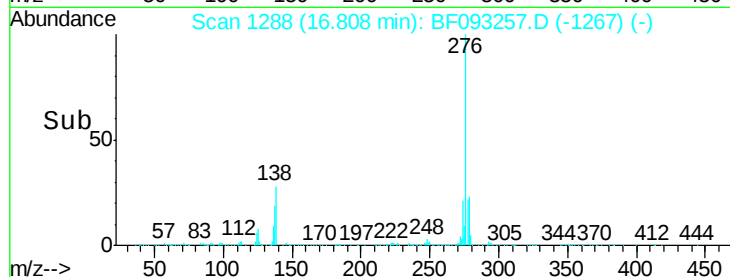
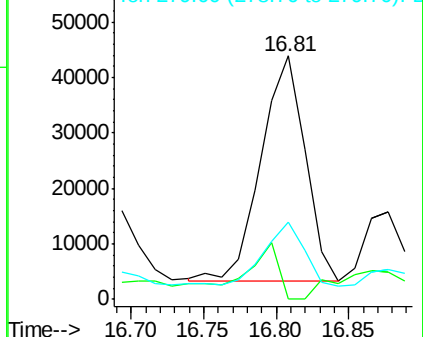
279 31.6 19.8 29.6#



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: 38.72 ng

RT: 17.23 min Scan# 1325

Delta R.T. -0.06 min

Lab File: BF093257.D

Acq: 28 Feb 2017 19:15

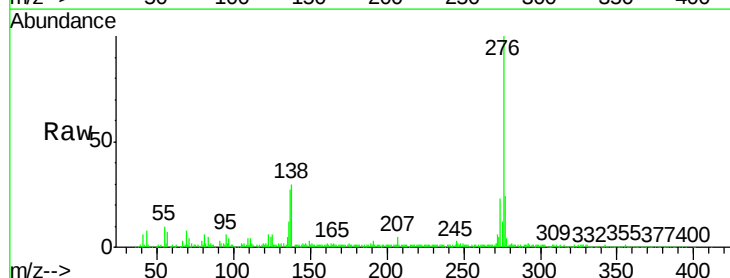
Tgt Ion:276 Resp: 328190

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 29.5 16.0 24.0#



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

