

Data File : BF093184.D
Acq On : 25 Feb 2017 11:12
Operator : SJ/MA
Sample : I1972-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2B21-WESTSW-2

Quant Time: Feb 26 23:40:39 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	6.83	152	153758	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	568805	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	249179	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	364694	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	268719	20.00	ng	0.00
86) Perylene-d12	15.45	264	286319	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	965305	107.71	ng	-0.02
7) Phenol-d6	6.48	99	1166111	101.12	ng	-0.01
23) Nitrobenzene-d5	7.40	82	698783	68.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	168334	93.40	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1154928	83.97	ng	-0.01
78) Terphenyl-d14	12.96	244	675492	59.06	ng	-0.01

Target Compounds						Qvalue
10) Phenol	6.49	94	75808	5.62	ng	# 72
19) n-Nitroso-di-n-propylamine	7.40	70	92305	12.57	ng	# 83
25) Isophorone	7.40	82	632733	33.24	ng	# 65
31) Naphthalene	8.14	128	63099	2.19	ng	99
32) Benzoic acid	7.93	122	1995	7.51	ng	# 15
48) Acenaphthylene	9.74	152	169265	6.94	ng	97
49) Dimethylphthalate	9.60	163	110632	6.59	ng	99
51) Acenaphthene	9.90	154	63684	4.37	ng	97
54) Dibenzofuran	10.09	168	87513	4.49	ng	# 88
55) 4-Nitrophenol	10.08	139	31238	10.46	ng	# 6
57) Fluorene	10.42	166	131634	8.77	ng	98
64) 4,6-Dinitro-2-methylphenol	10.67	198	488	2.88	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	12658	3.32	ng	# 1
70) Phenanthrene	11.39	178	1698620	81.30	ng	99
71) Anthracene	11.44	178	484861	23.11	ng	98
72) Carbazole	11.60	167	299976	14.96	ng	98
74) Fluoranthene	12.59	202	2595516	120.43	ng	97
77) Pyrene	12.82	202	2343453	116.53	ng	100
80) Benzo(a)anthracene	14.01	228	1531595	93.19	ng	96
82) Chrysene	14.04	228	1263439	82.10	ng	98
85) Indeno(1,2,3-cd)pyrene	16.87	276	615760	51.66	ng	99
87) Benzo(b)fluoranthene	15.05	252	2167142	114.99	ng	99
88) Benzo(k)fluoranthene	15.05	252	2167142	133.19	ng	98
89) Benzo(a)pyrene	15.48	252	308577	18.93	ng	96
91) Benzo(g,h,i)perylene	17.29	276	520692	39.12	ng	# 90

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

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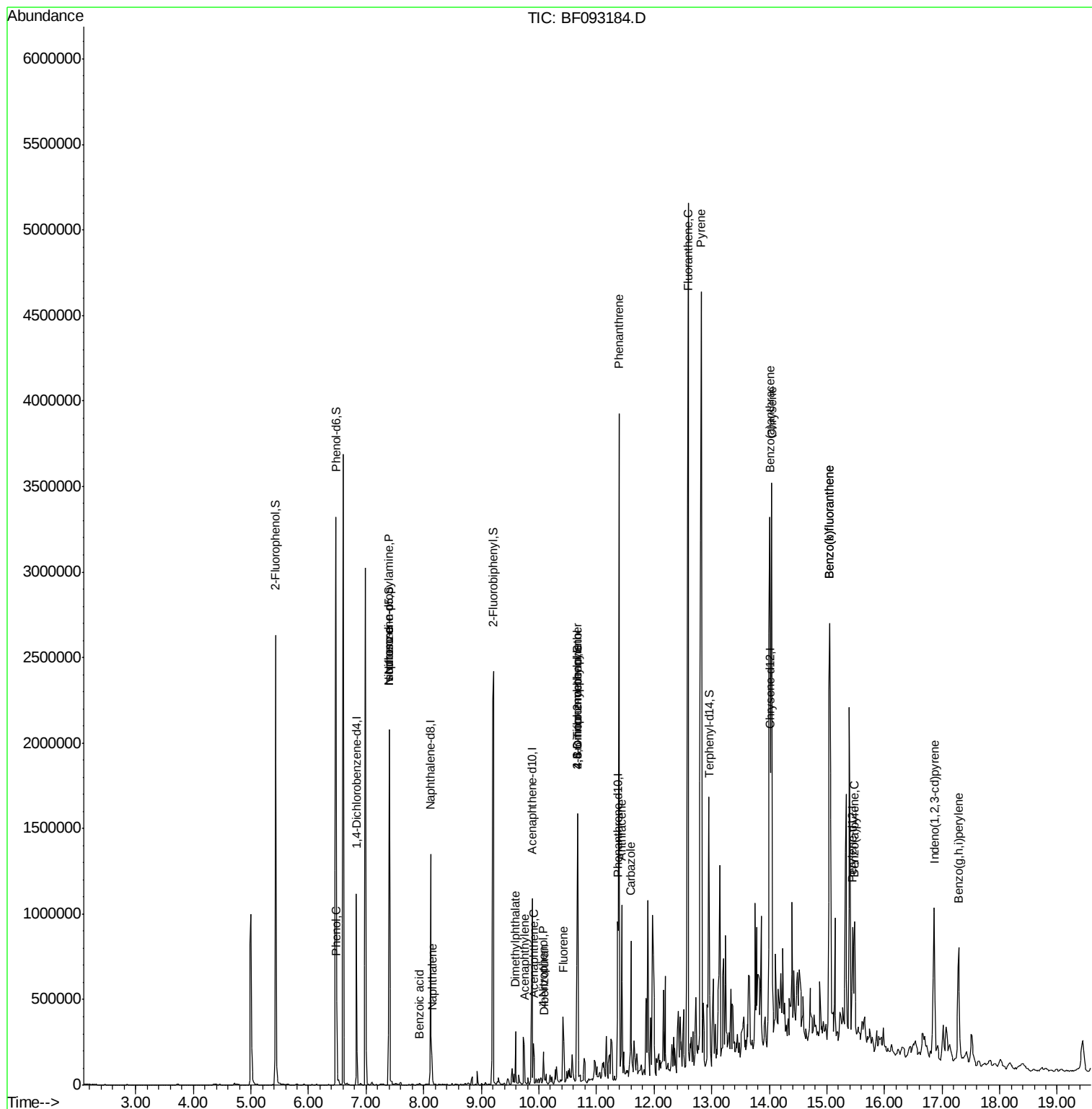
Quant Time: Feb 26 23:40:39 2017

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QLast Update : Fri Feb 17 17:31:55 2017

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

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Instrument :

BNA_F

ClientSampleId :

E2B21-WESTSW-2

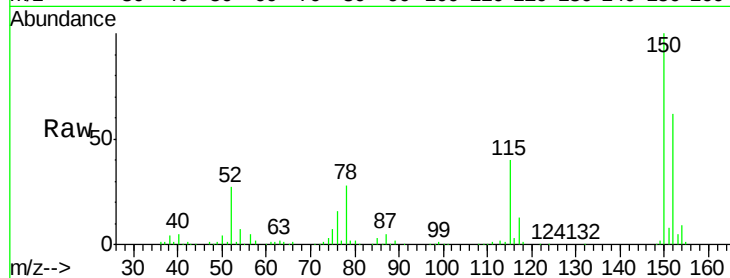
Tgt Ion:152 Resp: 153758

Ion Ratio Lower Upper

152 100

150 160.8 124.9 187.3

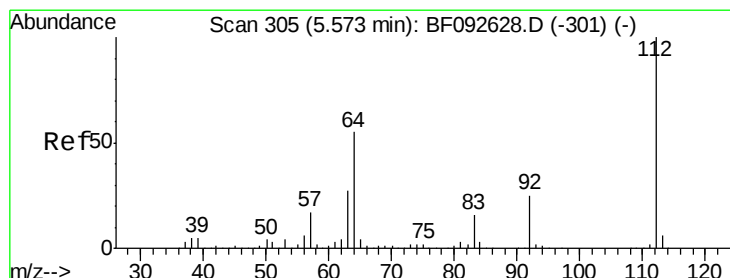
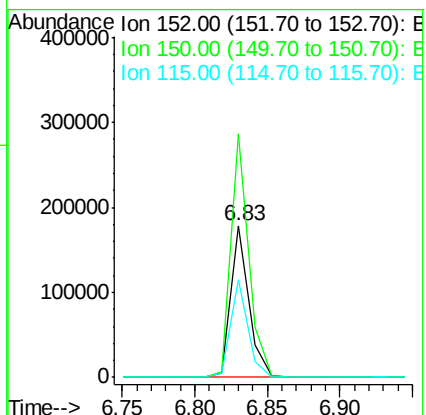
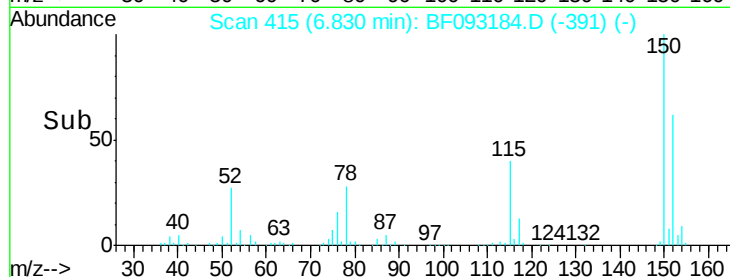
115 64.5 46.0 69.0



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: 107.71 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

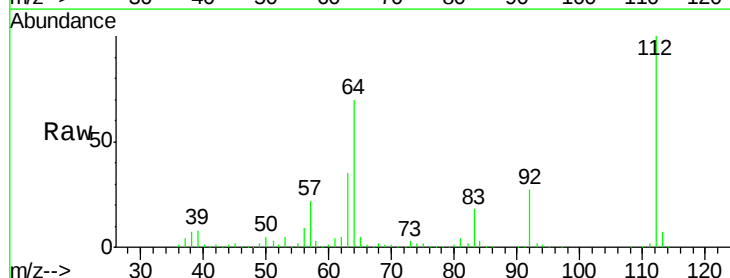
Tgt Ion:112 Resp: 965305

Ion Ratio Lower Upper

112 100

64 70.5 46.1 69.1#

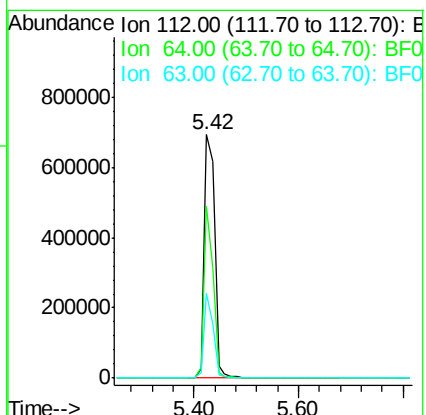
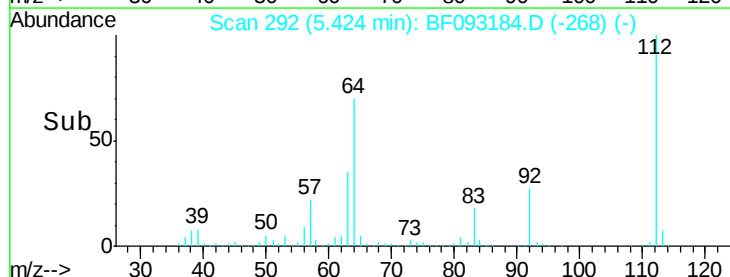
63 34.9 23.8 35.6



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: 101.12 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

Instrument :

BNA_F

ClientSampleId :

E2B21-WESTSW-2

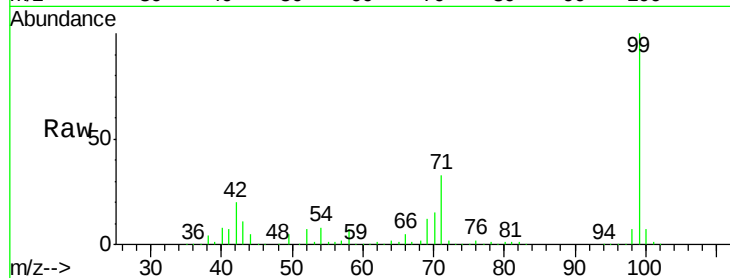
Tgt Ion: 99 Resp: 1166111

Ion Ratio Lower Upper

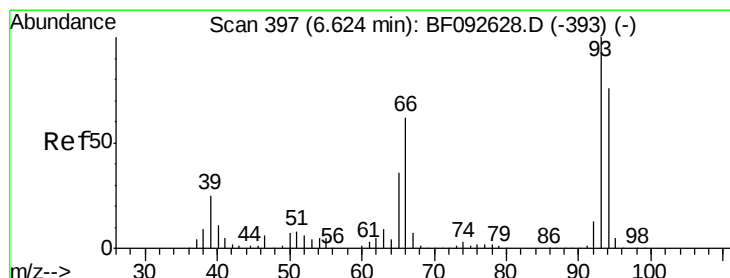
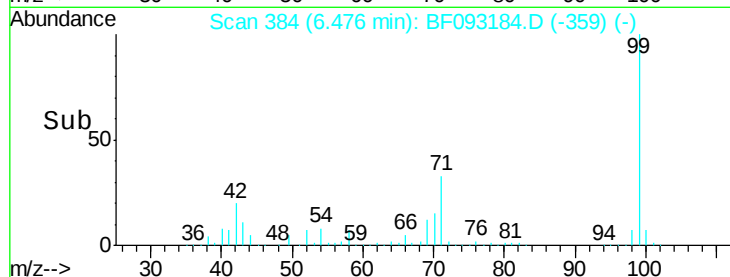
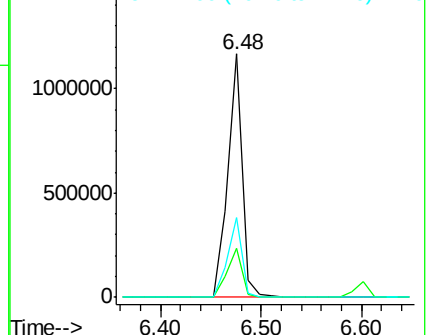
99 100

42 20.1 15.6 23.4

71 32.6 27.5 41.3



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



#10

Phenol

Concen: 5.62 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

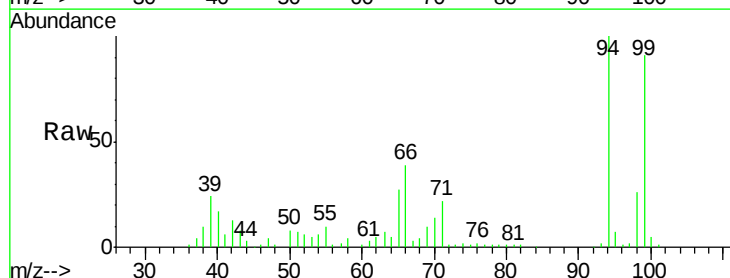
Tgt Ion: 94 Resp: 75808

Ion Ratio Lower Upper

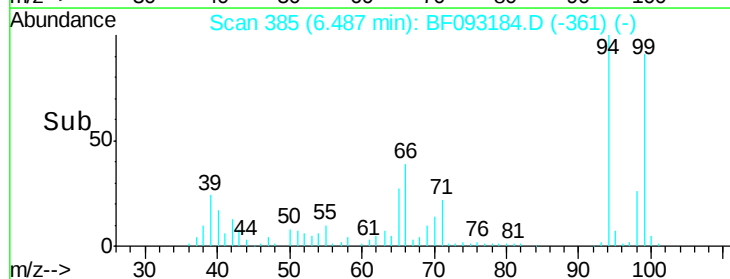
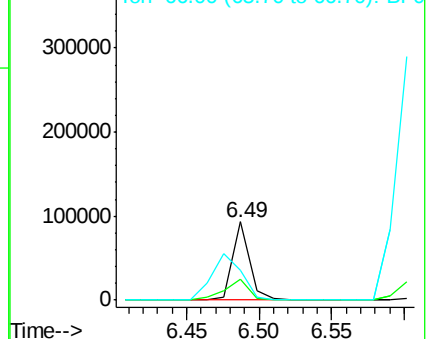
94 100

65 27.5 21.4 61.4

66 39.1 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

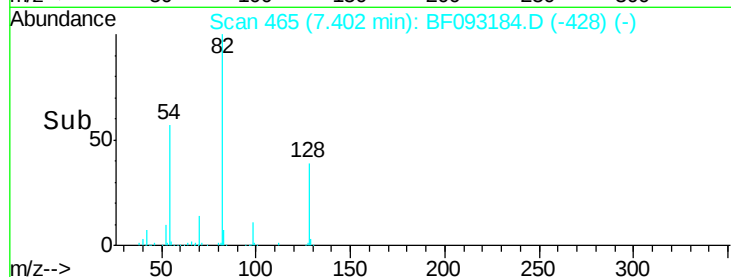
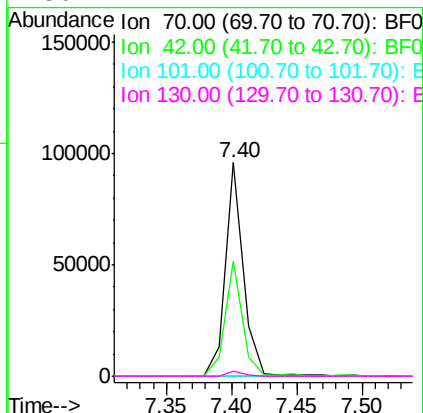
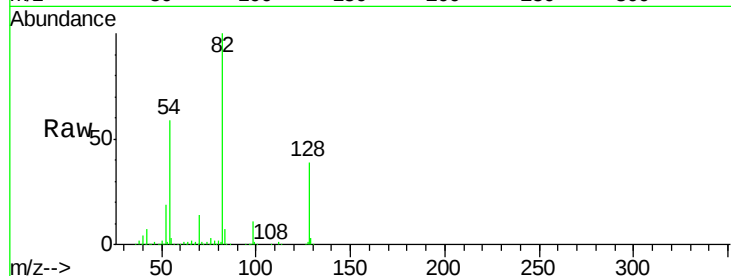




#19
n-Nitroso-di-n-propylamine
Concen: 12.57 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093184.D
Acq: 25 Feb 2017 11:12

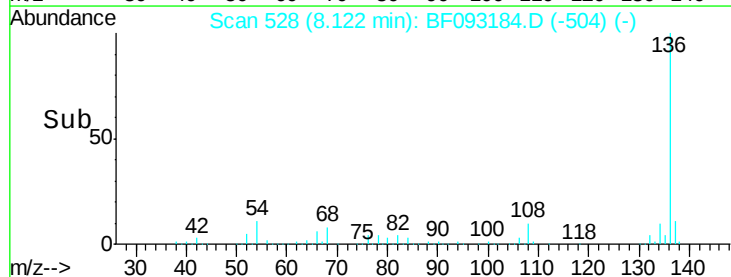
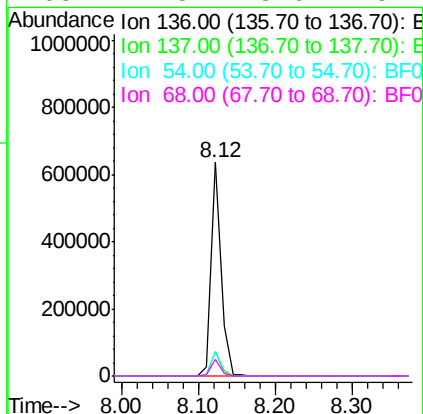
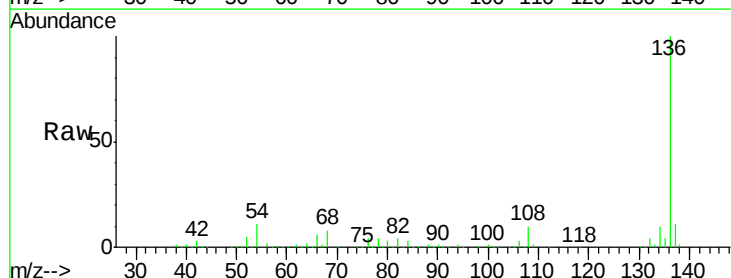
Instrument :
BNA_F
ClientSampleId :
E2B21-WESTSW-2

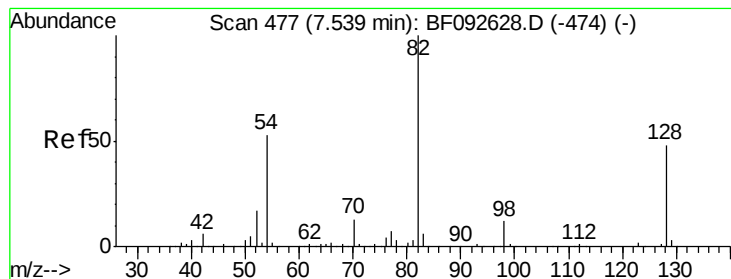
Tgt Ion:	70	Resp:	92305
Ion	Ratio	Lower	Upper
70	100		
42	53.7	49.4	74.0
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093184.D
Acq: 25 Feb 2017 11:12

Tgt Ion:	136	Resp:	568805
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	11.3	4.5	6.7#
68	7.8	3.6	5.4#





#23

Nitrobenzene-d5

Concen: 68.41 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

Instrument :

BNA_F

ClientSampleId :

E2B21-WESTSW-2

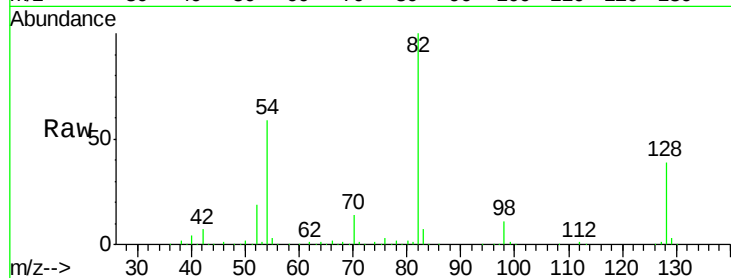
Tgt Ion: 82 Resp: 698783

Ion Ratio Lower Upper

82 100

128 39.5 34.6 52.0

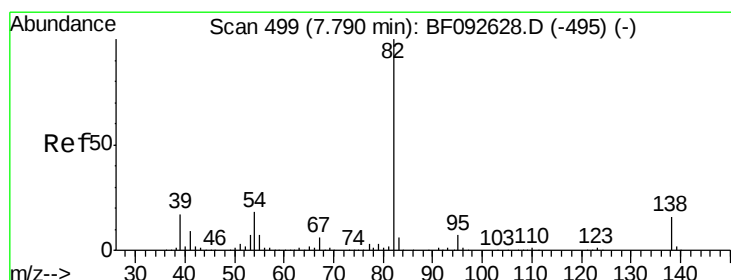
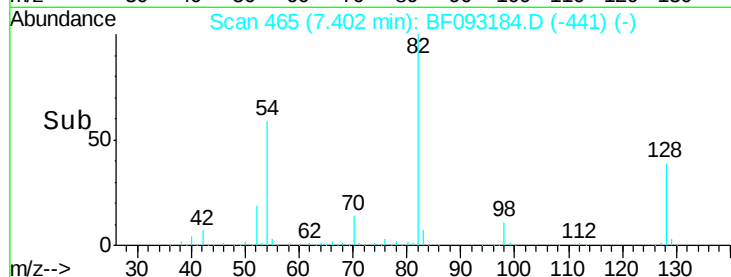
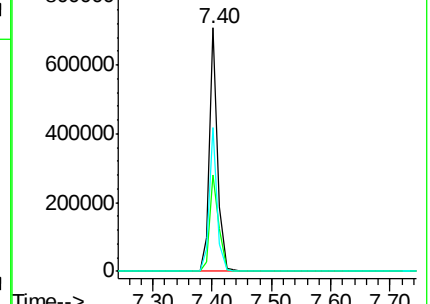
54 59.3 39.5 59.3



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: 33.24 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.29 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

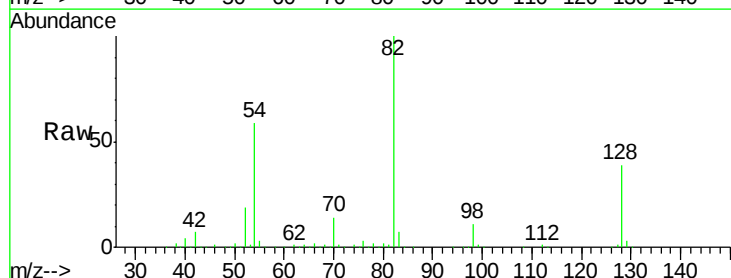
Tgt Ion: 82 Resp: 632733

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

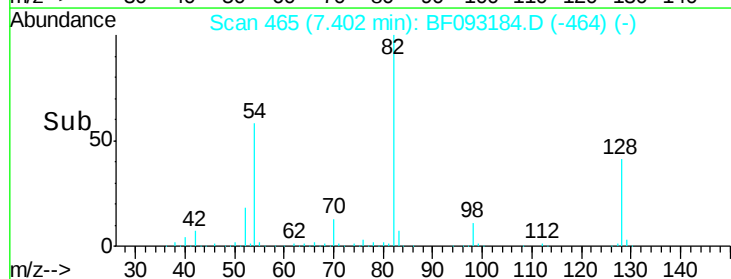
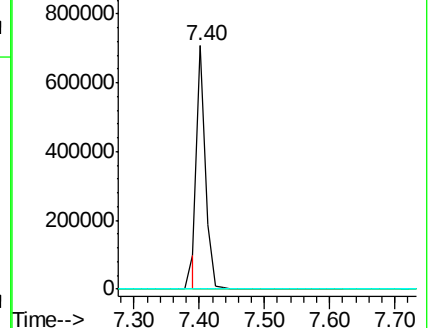
138 0.0 14.6 22.0#

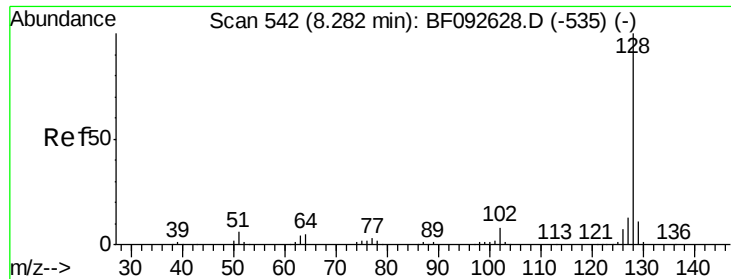


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

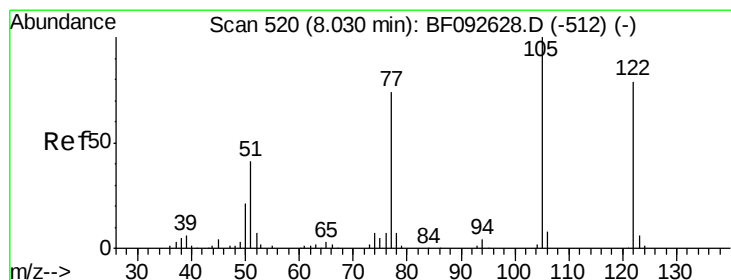
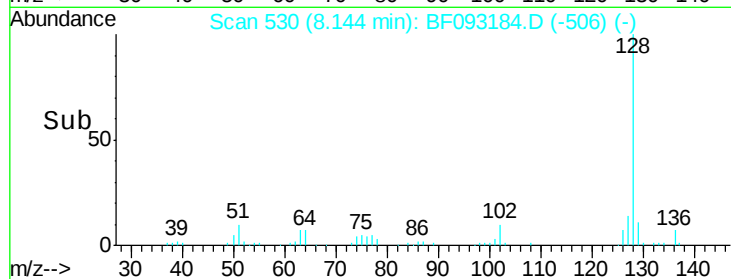
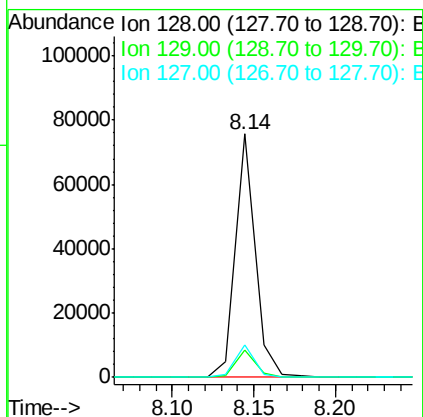
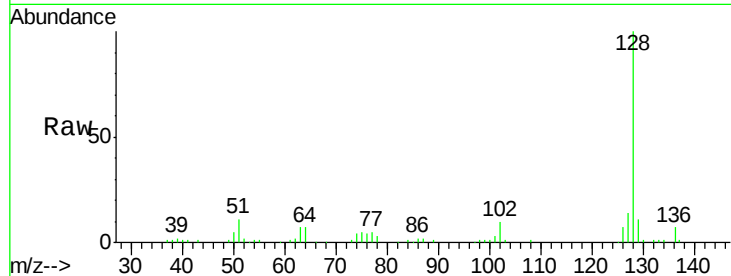




#31
Naphthalene
Concen: 2.19 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF093184.D
Acq: 25 Feb 2017 11:12

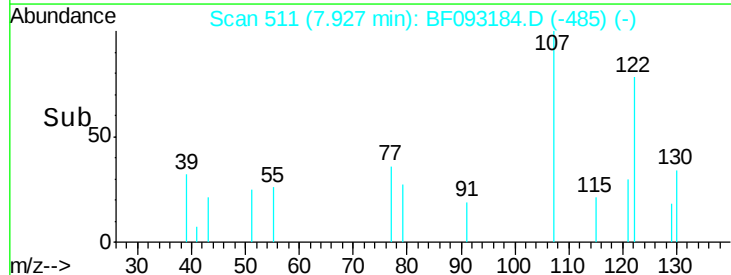
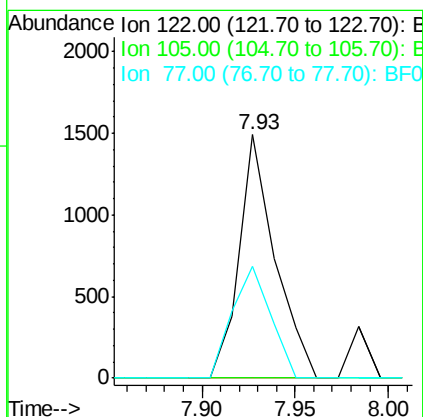
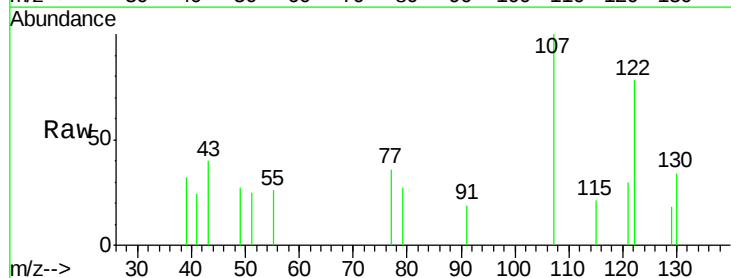
Instrument :
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E2B21-WESTSW-2

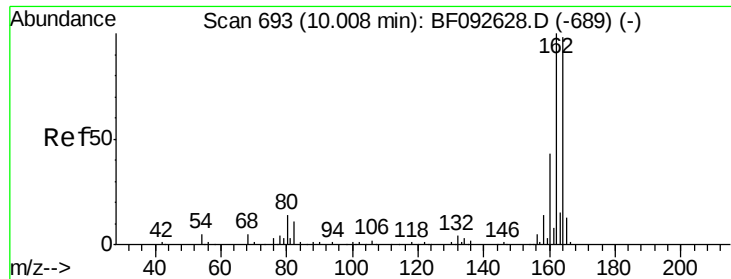
Tgt Ion:128 Resp: 63099
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 7.51 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093184.D
Acq: 25 Feb 2017 11:12

Tgt Ion:122 Resp: 1995
Ion Ratio Lower Upper
122 100
105 0.0 107.2 147.2#
77 45.7 74.5 114.5#

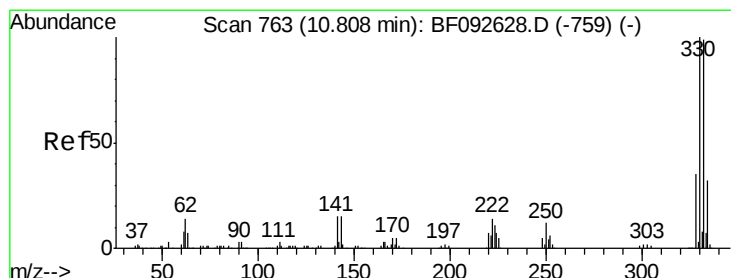
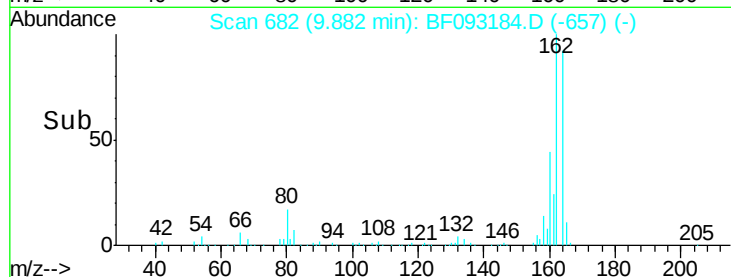
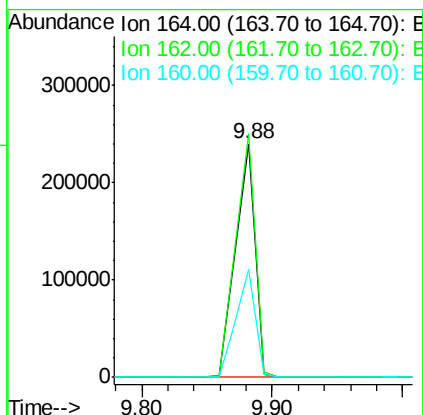
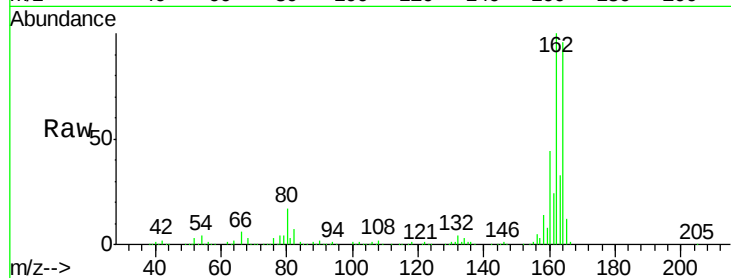




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093184.D
 Acq: 25 Feb 2017 11:12

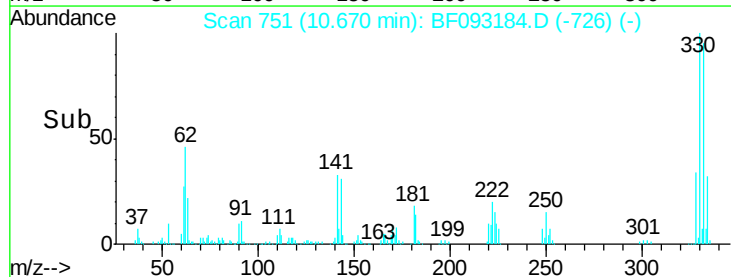
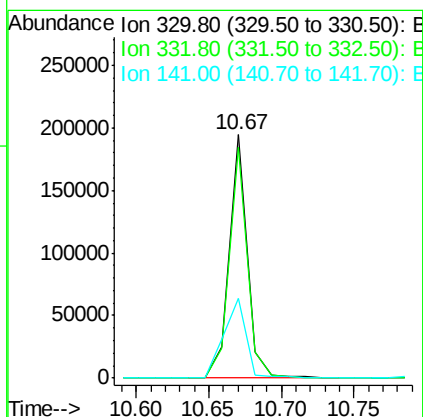
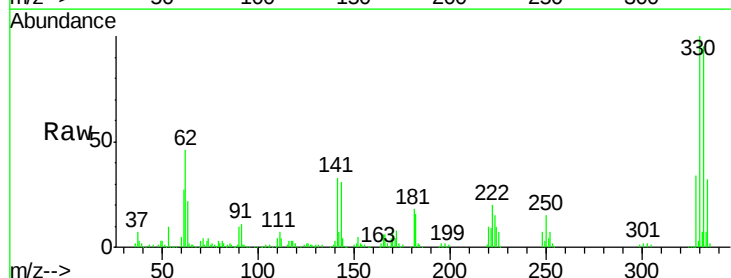
Instrument :
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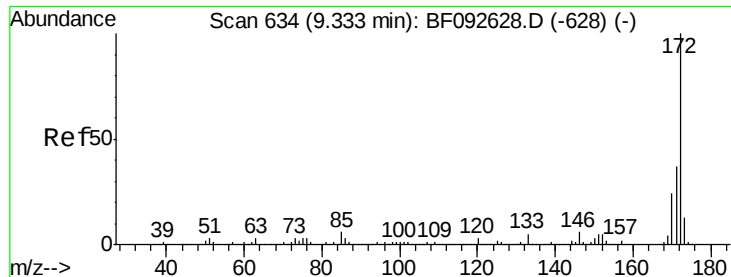
Tgt Ion:164 Resp: 249179
 Ion Ratio Lower Upper
 164 100
 162 104.1 80.2 120.2
 160 46.0 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 93.40 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093184.D
 Acq: 25 Feb 2017 11:12

Tgt Ion:330 Resp: 168334
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 41.9 34.1 51.1

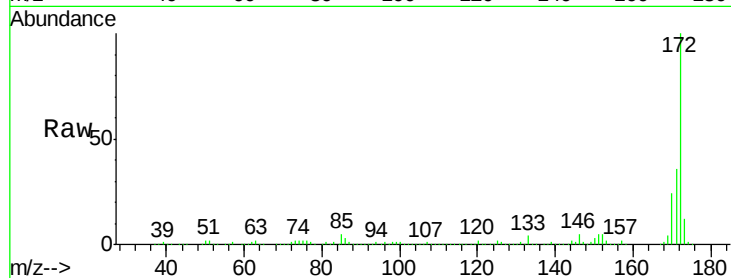




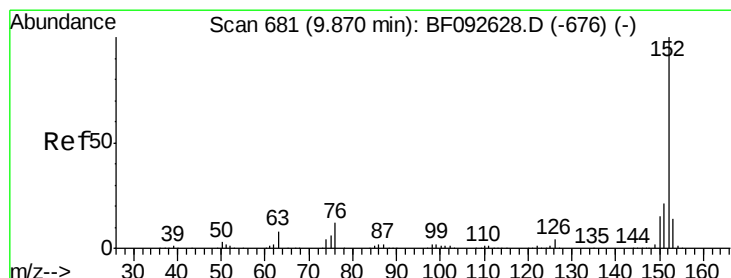
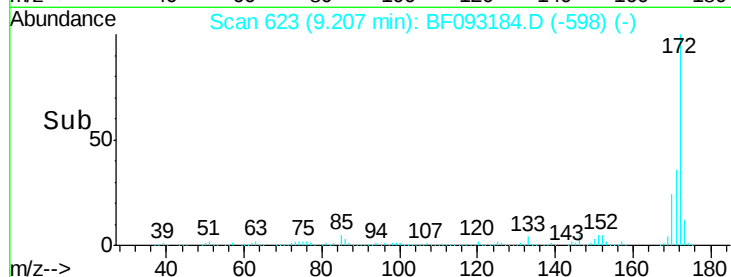
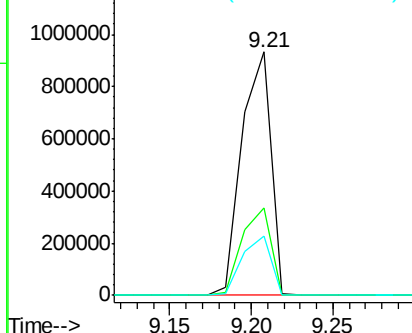
#44
 2-Fluorobiphenyl
 Concen: 83.97 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093184.D
 Acq: 25 Feb 2017 11:12

Instrument :
 BNA_F
 ClientSampleId :
 E2B21-WESTSW-2

Tgt Ion:172 Resp: 1154928
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.1 20.2 30.4

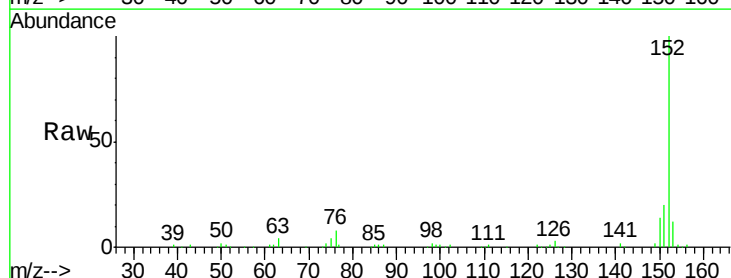


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

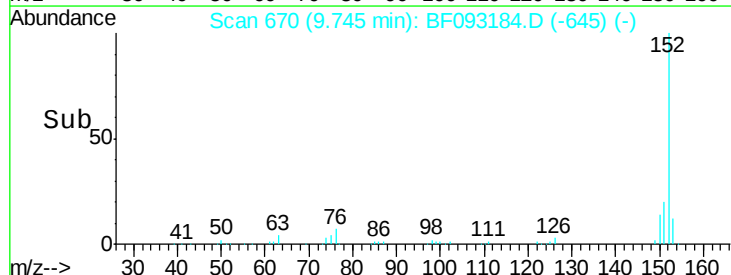
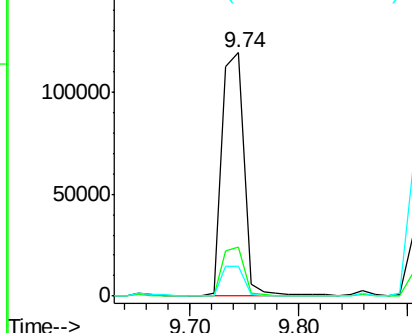


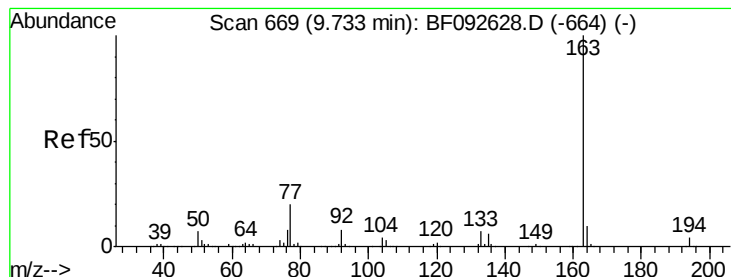
#48
 Acenaphthylene
 Concen: 6.94 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF093184.D
 Acq: 25 Feb 2017 11:12

Tgt Ion:152 Resp: 169265
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.9 25.3
 153 12.5 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: 6.59 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

Instrument :

BNA_F

ClientSampleId :

E2B21-WESTSW-2

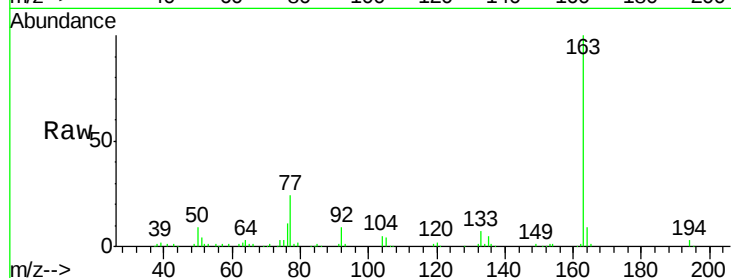
Tgt Ion:163 Resp: 110632

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

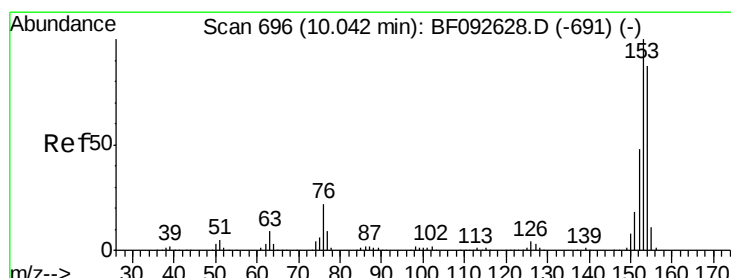
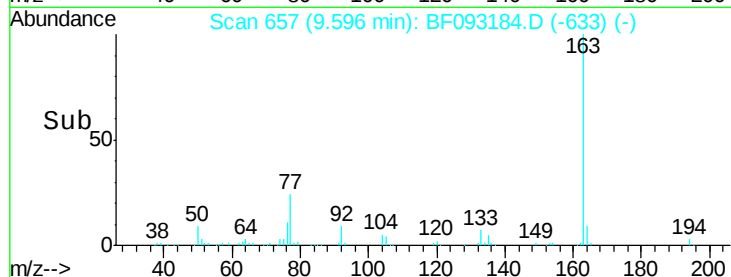
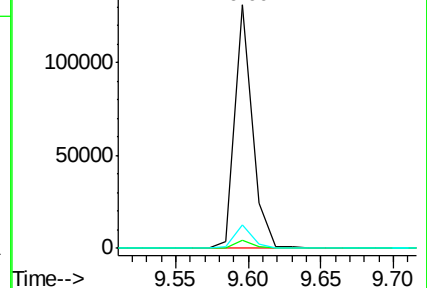
164 9.4 8.0 12.0



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



#51

Acenaphthene

Concen: 4.37 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

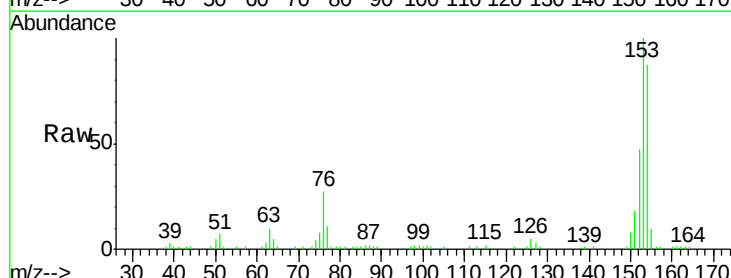
Tgt Ion:154 Resp: 63684

Ion Ratio Lower Upper

154 100

153 114.5 88.6 133.0

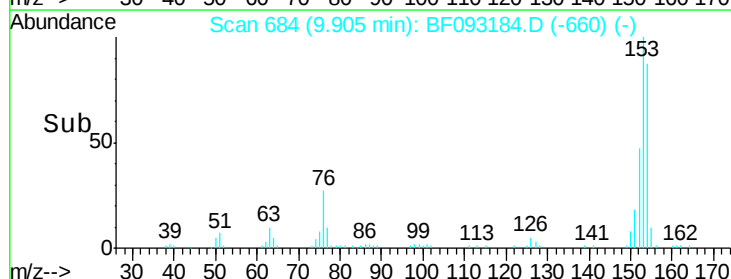
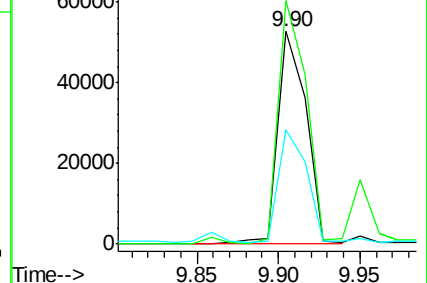
152 53.9 41.6 62.4

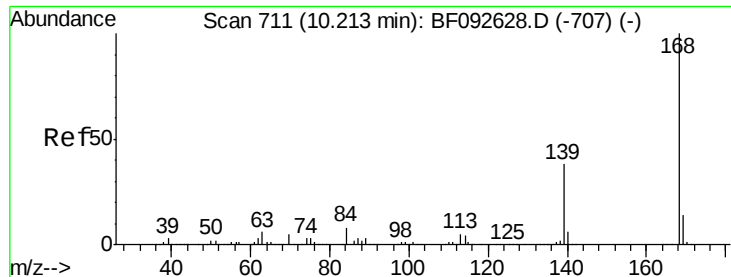


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

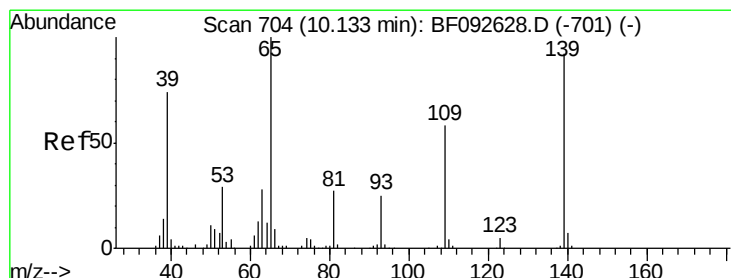
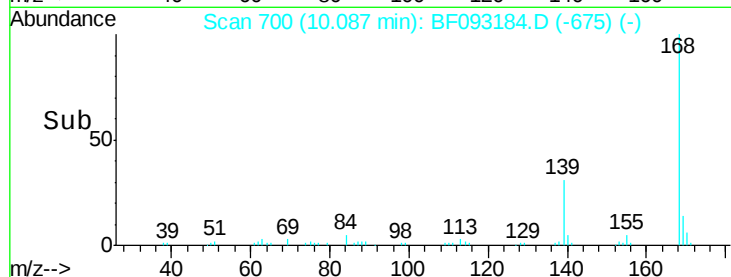
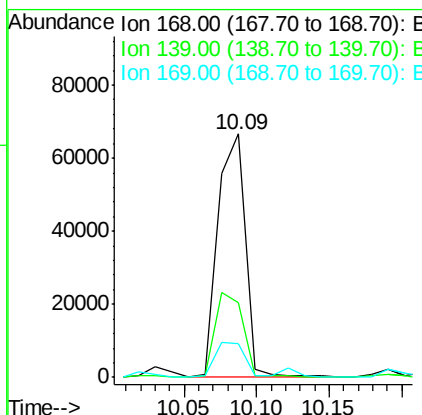
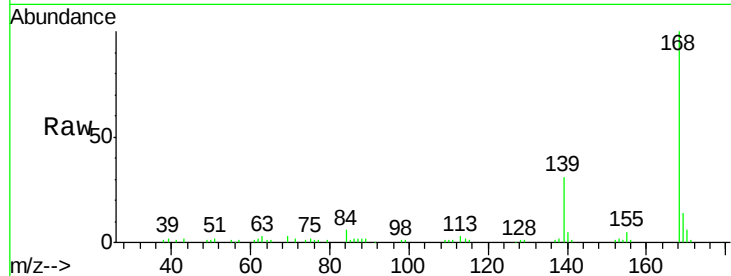




#54
Dibenzenofuran
Concen: 4.49 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093184.D
Acq: 25 Feb 2017 11:12

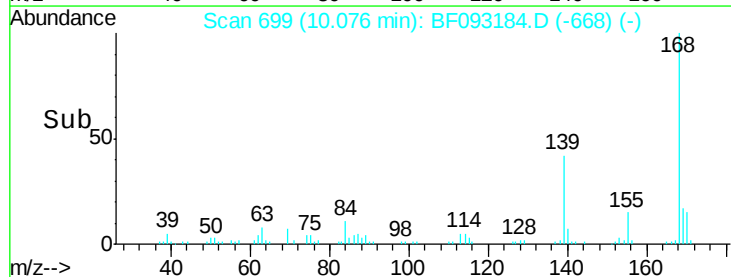
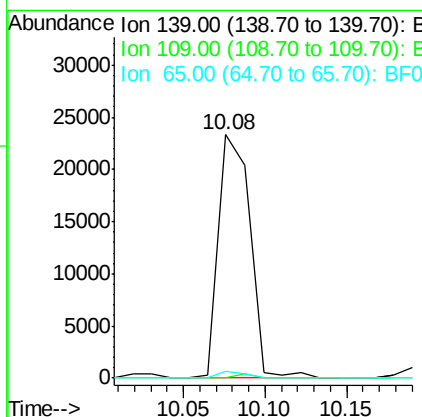
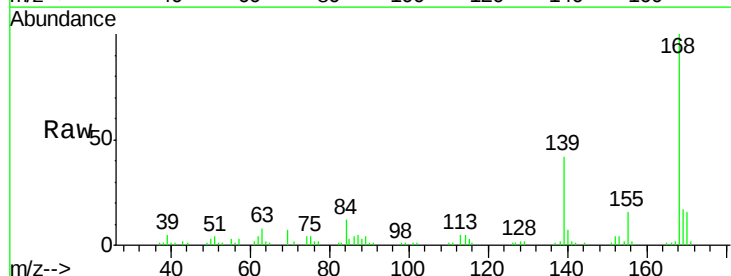
Instrument :
BNA_F
ClientSampleId :
E2B21-WESTSW-2

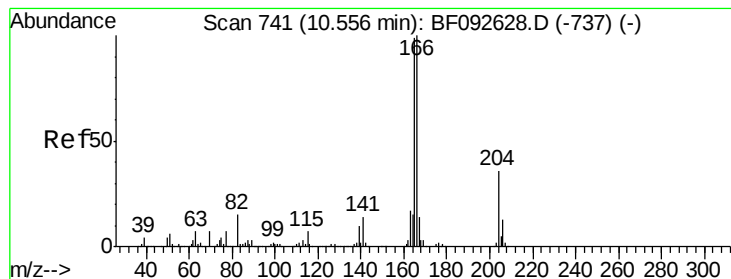
Tgt Ion:168 Resp: 87513
Ion Ratio Lower Upper
168 100
139 30.7 32.6 49.0#
169 13.7 11.3 16.9



#55
4-Nitrophenol
Concen: 10.46 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.06 min
Lab File: BF093184.D
Acq: 25 Feb 2017 11:12

Tgt Ion:139 Resp: 31238
Ion Ratio Lower Upper
139 100
109 0.0 52.2 92.2#
65 2.7 85.8 125.8#





#57

Fluorene

Concen: 8.77 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

Instrument :

BNA_F

ClientSampleId :

E2B21-WESTSW-2

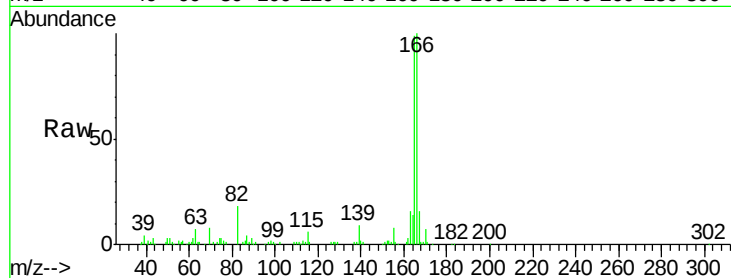
Tgt Ion:166 Resp: 131634

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.8

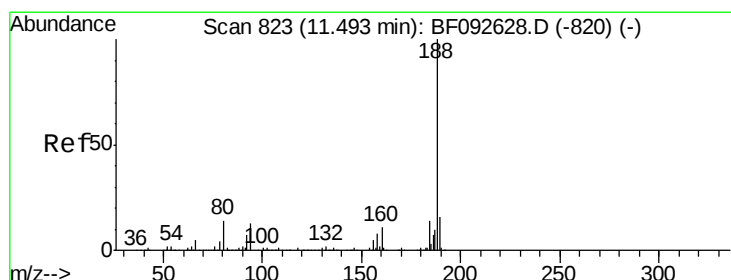
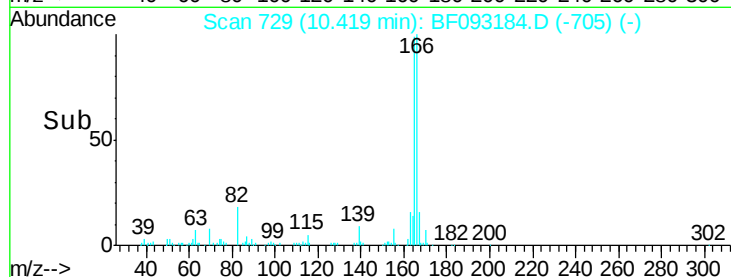
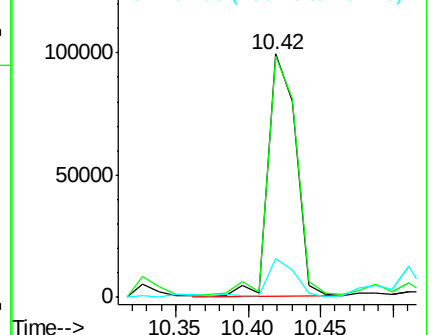
167 15.9 10.8 16.2



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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

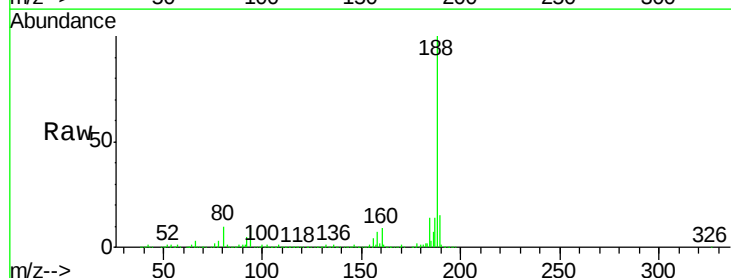
Tgt Ion:188 Resp: 364694

Ion Ratio Lower Upper

188 100

94 9.4 10.0 15.0#

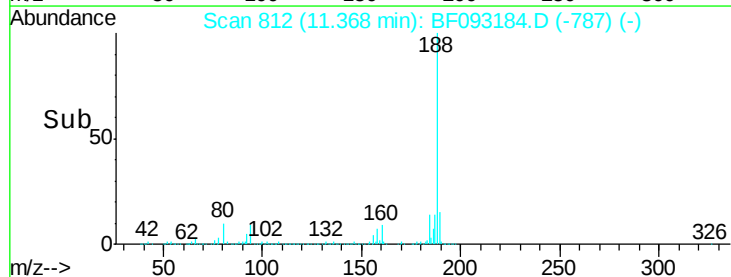
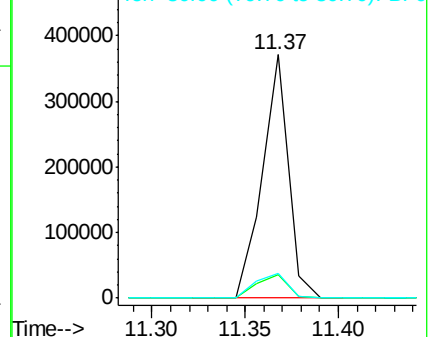
80 10.1 11.2 16.8#

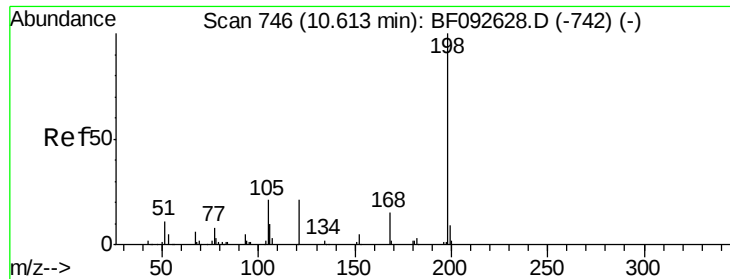


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

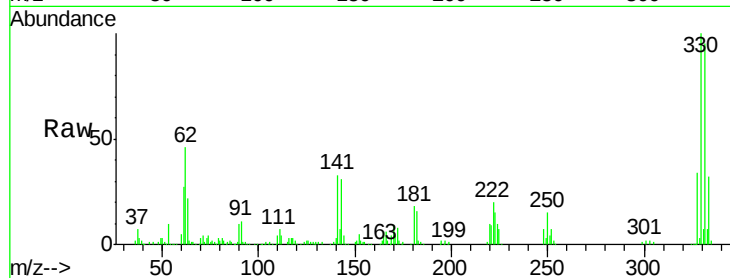




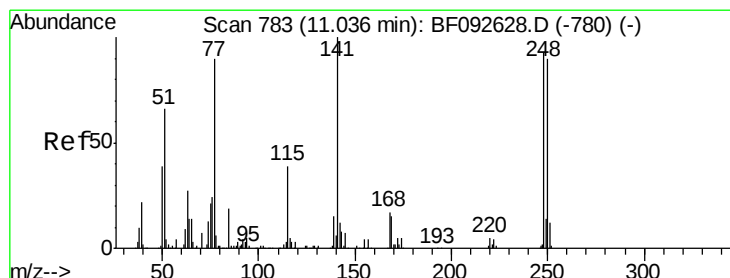
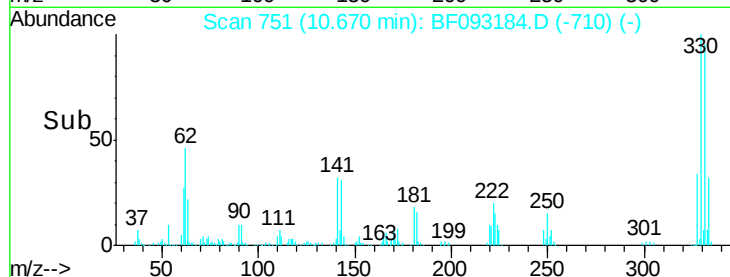
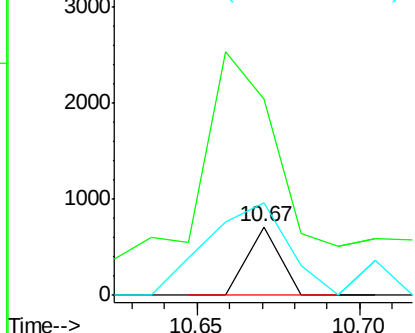
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.88 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.17 min
 Lab File: BF093184.D
 Acq: 25 Feb 2017 11:12

Instrument :
 BNA_F
 ClientSampleId :
 E2B21-WESTSW-2

Tgt Ion:198 Resp: 488
 Ion Ratio Lower Upper
 198 100
 51 286.2 6.7 46.7#
 105 135.7 16.6 56.6#

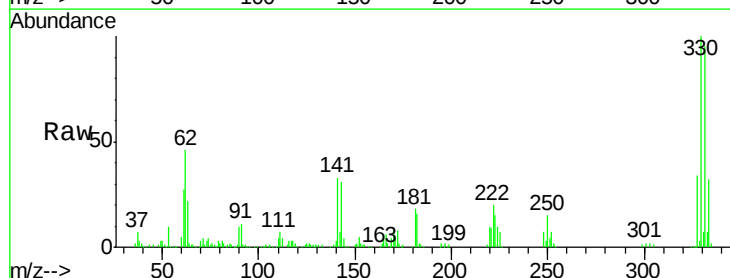


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

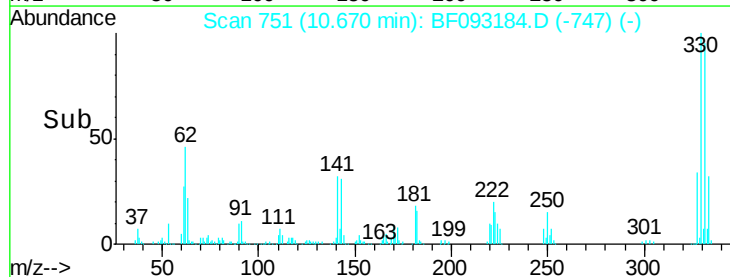
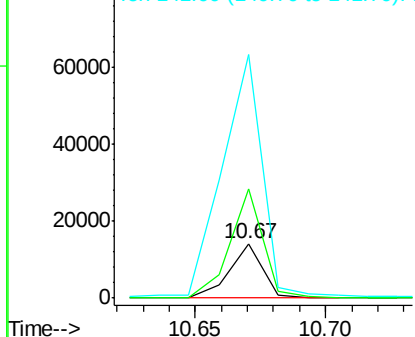


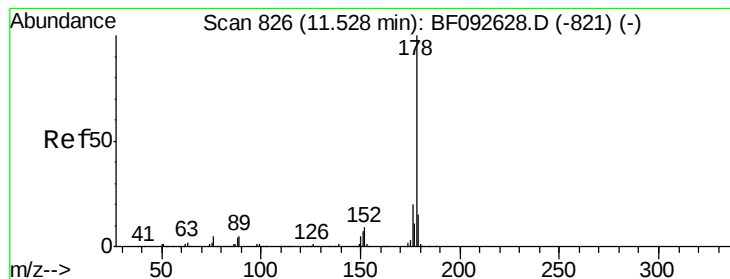
#66
 4-Bromophenyl-phenylether
 Concen: 3.32 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF093184.D
 Acq: 25 Feb 2017 11:12

Tgt Ion:248 Resp: 12658
 Ion Ratio Lower Upper
 248 100
 250 200.5 76.9 115.3#
 141 444.9 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: 81.30 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

Instrument :

BNA_F

ClientSampleId :

E2B21-WESTSW-2

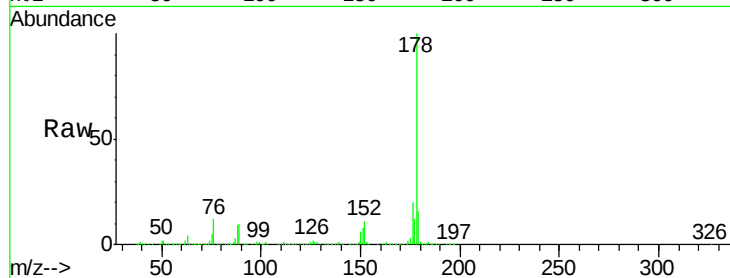
Tgt Ion:178 Resp: 1698620

Ion Ratio Lower Upper

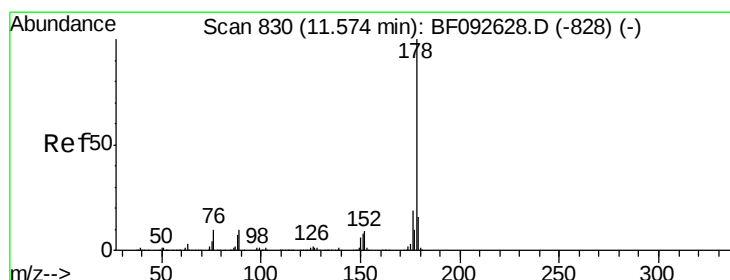
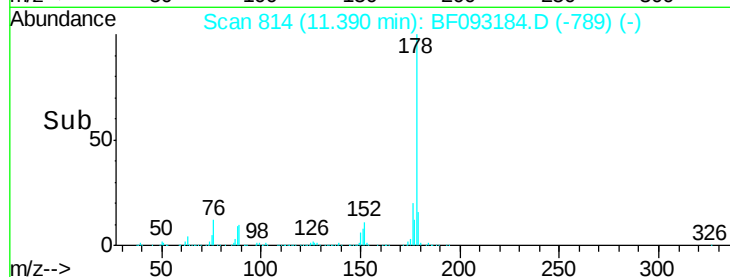
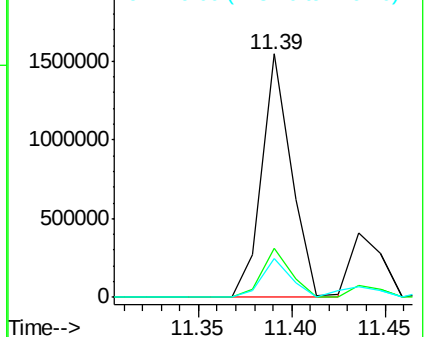
178 100

176 20.3 16.6 25.0

179 15.9 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: 23.11 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

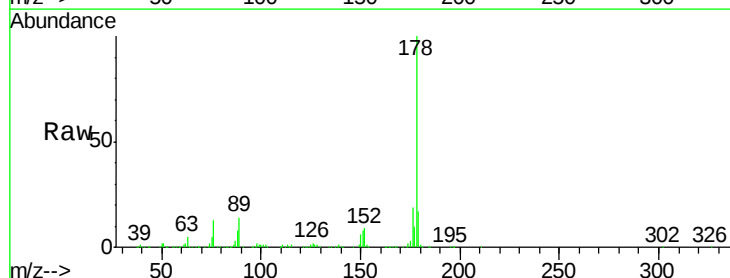
Tgt Ion:178 Resp: 484861

Ion Ratio Lower Upper

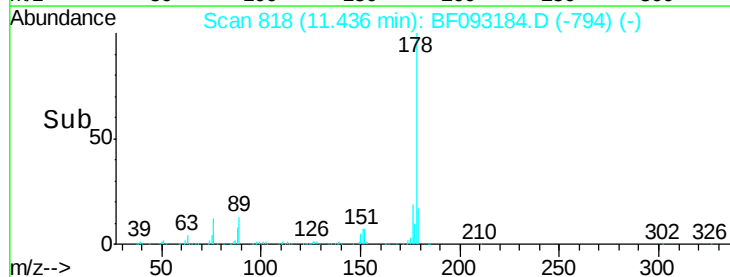
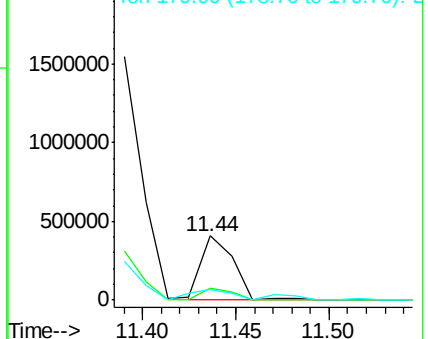
178 100

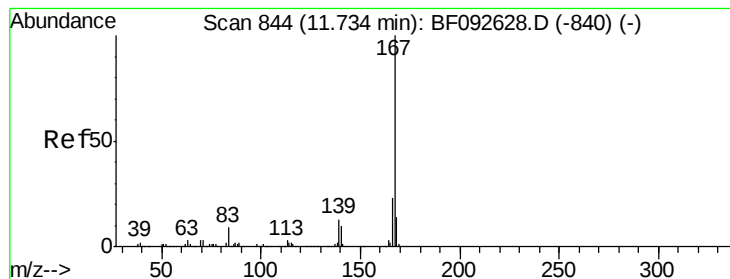
176 19.2 15.9 23.9

179 17.3 13.2 19.8



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





#72

Carbazole

Concen: 14.96 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

Instrument :

BNA_F

ClientSampleId :

E2B21-WESTSW-2

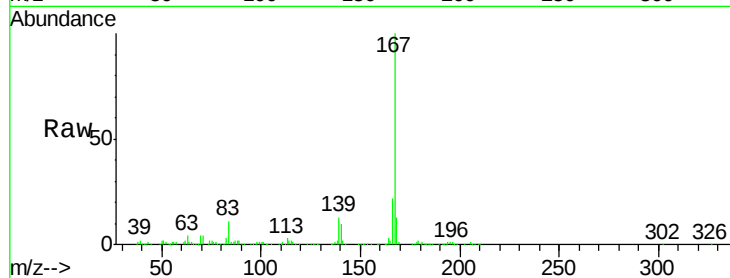
Tgt Ion:167 Resp: 299976

Ion Ratio Lower Upper

167 100

166 21.8 18.2 27.2

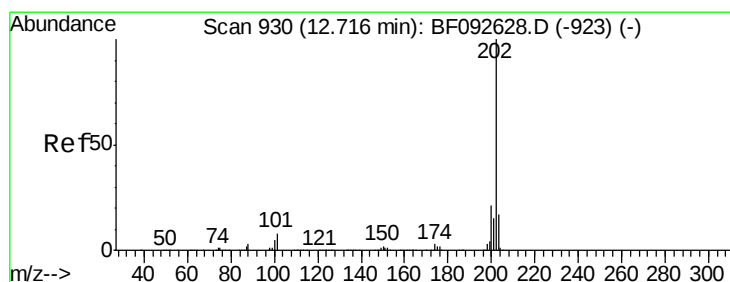
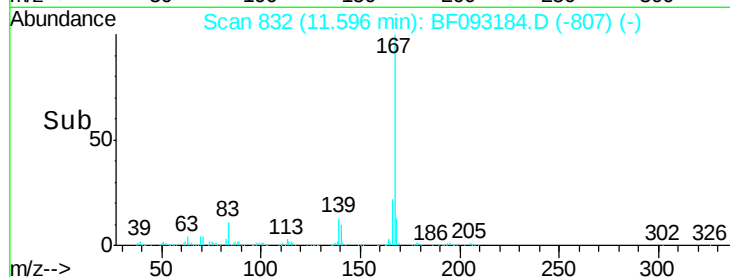
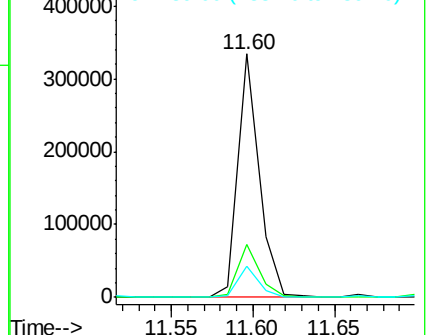
139 12.9 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 120.43 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

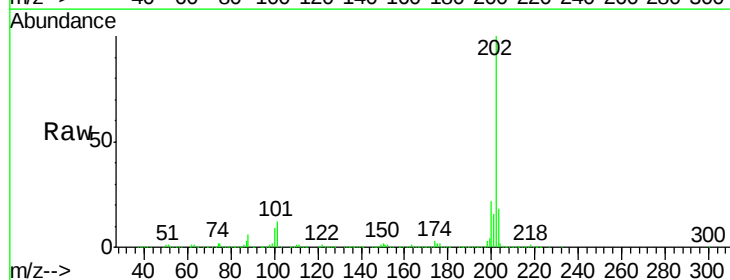
Tgt Ion:202 Resp: 2595516

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.6

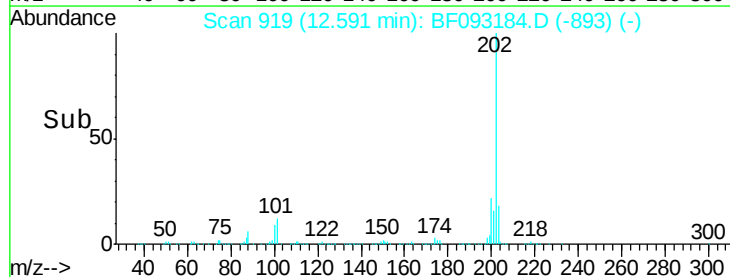
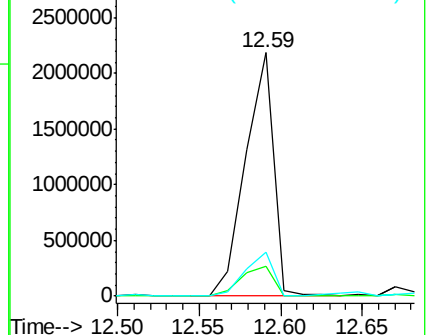
203 18.2 0.0 38.7

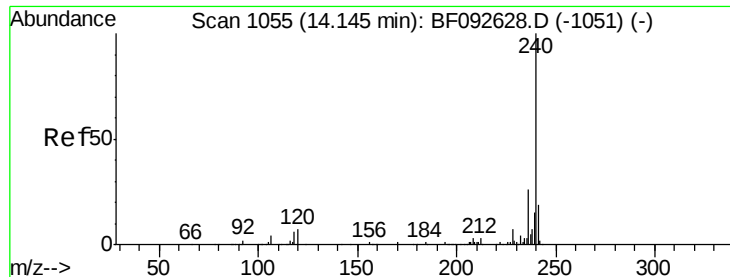


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

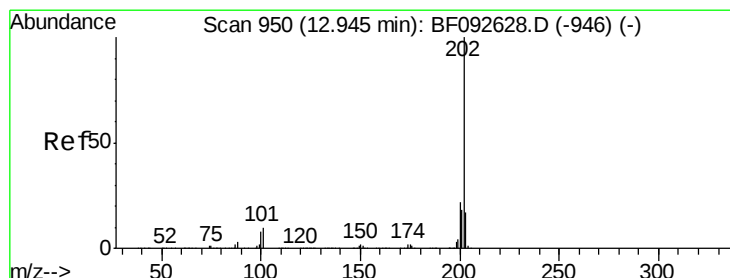
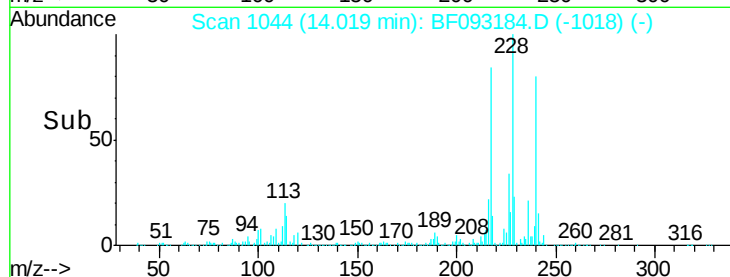
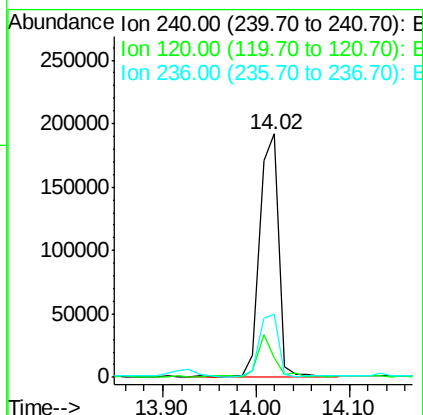
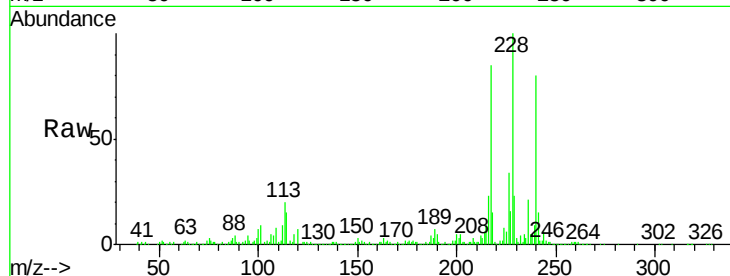




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF093184.D
Acq: 25 Feb 2017 11:12

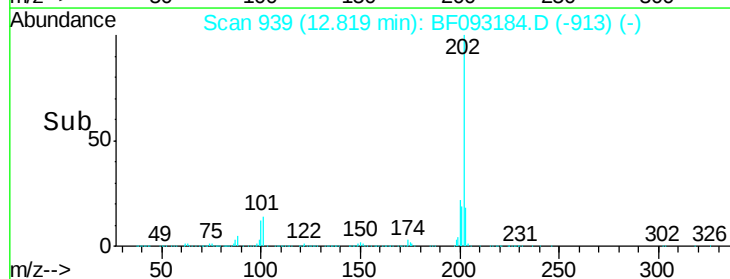
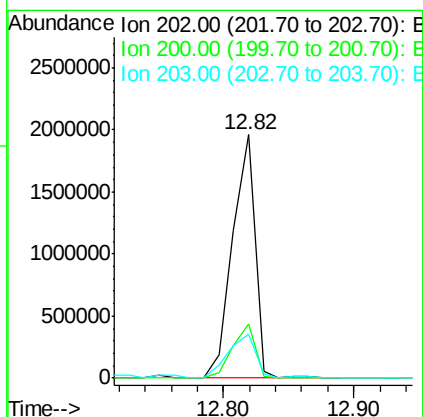
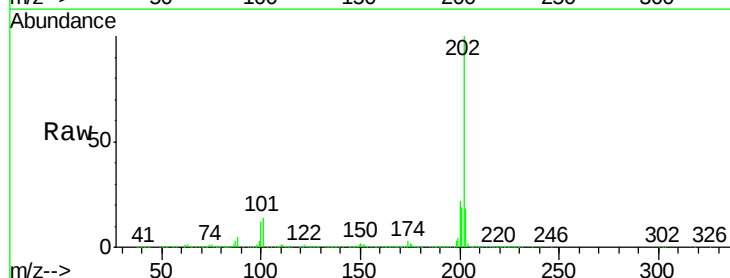
Instrument :
BNA_F
ClientSampleId :
E2B21-WESTSW-2

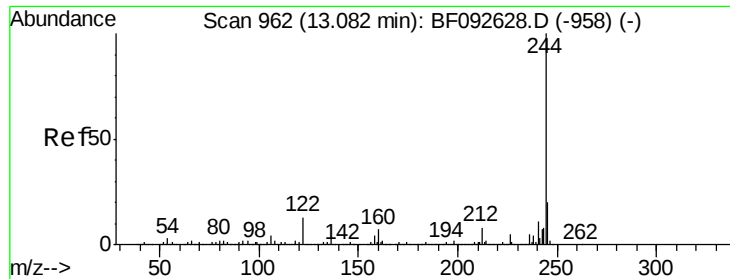
Tgt Ion:240 Resp: 268719
Ion Ratio Lower Upper
240 100
120 8.3 12.9 19.3#
236 26.1 20.9 31.3



#77
Pyrene
Concen: 116.53 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF093184.D
Acq: 25 Feb 2017 11:12

Tgt Ion:202 Resp: 2343453
Ion Ratio Lower Upper
202 100
200 22.4 17.7 26.5
203 18.3 14.7 22.1





#78

Terphenyl-d14

Concen: 59.06 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

Instrument :

BNA_F

ClientSampleId :

E2B21-WESTSW-2

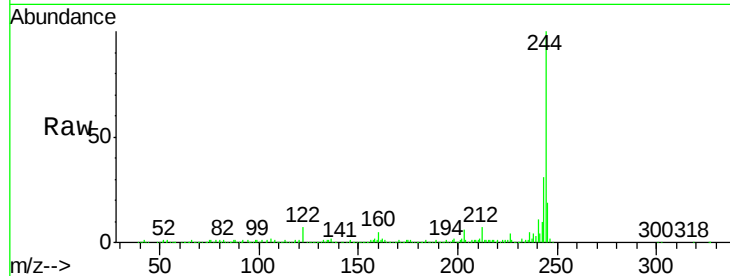
Tgt Ion:244 Resp: 675492

Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.2

122 7.0 11.4 17.2#

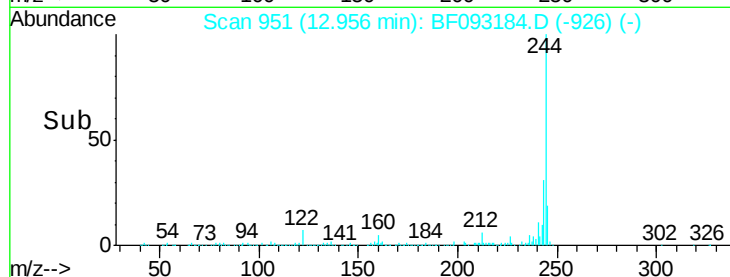


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



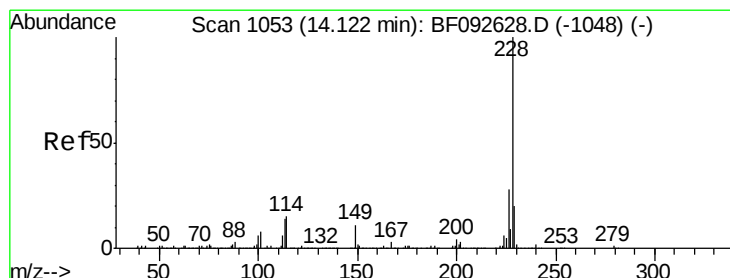
Abundance

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

Time-->



#80

Benzo(a)anthracene

Concen: 93.19 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

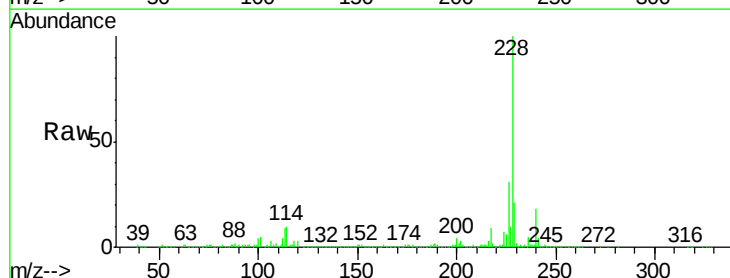
Tgt Ion:228 Resp: 1531595

Ion Ratio Lower Upper

228 100

226 31.1 22.4 33.6

229 21.0 16.2 24.4

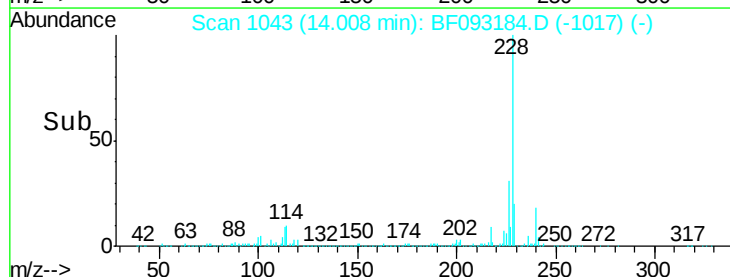


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



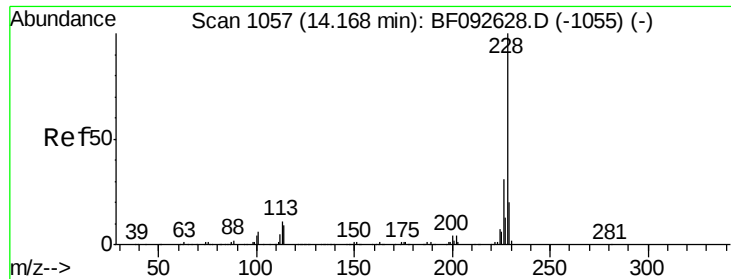
Abundance

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

Time-->



#82

Chrysene

Concen: 82.10 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

Instrument :

BNA_F

ClientSampleId :

E2B21-WESTSW-2

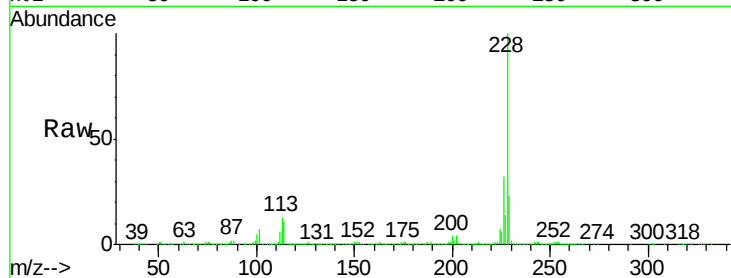
Tgt Ion:228 Resp: 1263439

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.0

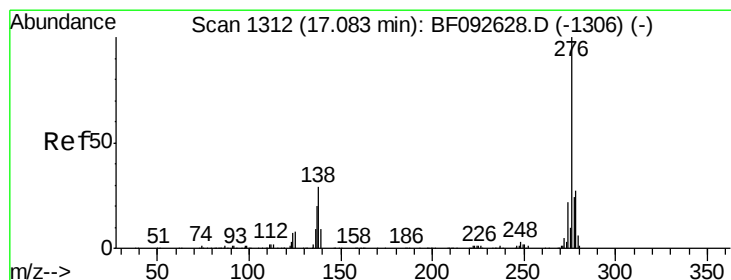
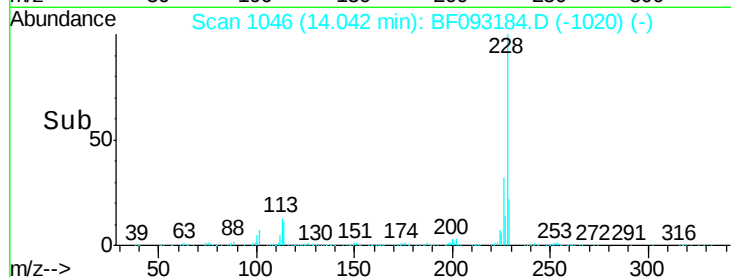
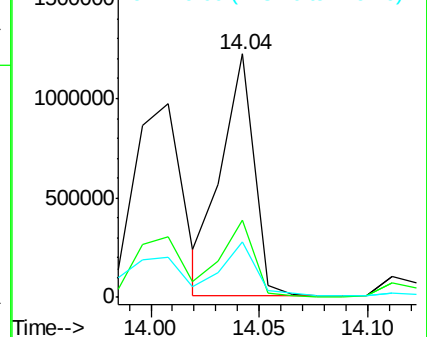
229 22.9 16.2 24.2



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 51.66 ng

RT: 16.87 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

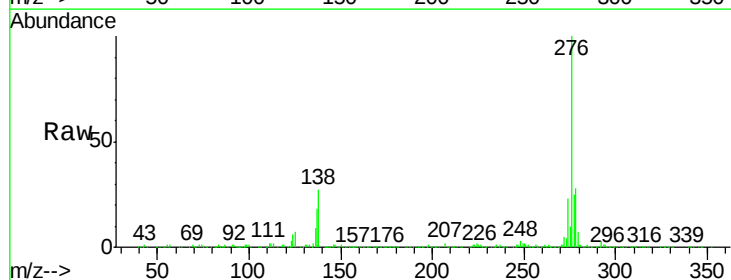
Tgt Ion:276 Resp: 615760

Ion Ratio Lower Upper

276 100

138 27.6 21.8 32.6

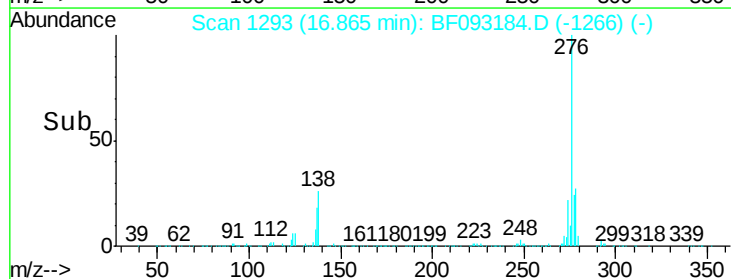
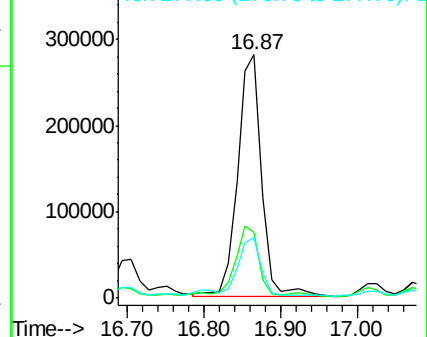
277 25.0 20.2 30.4

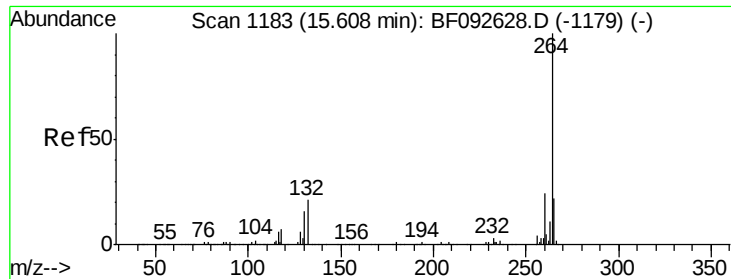


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

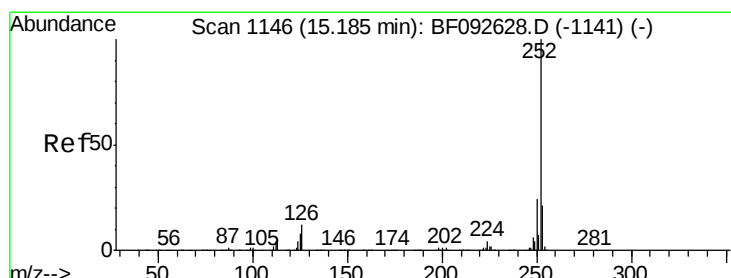
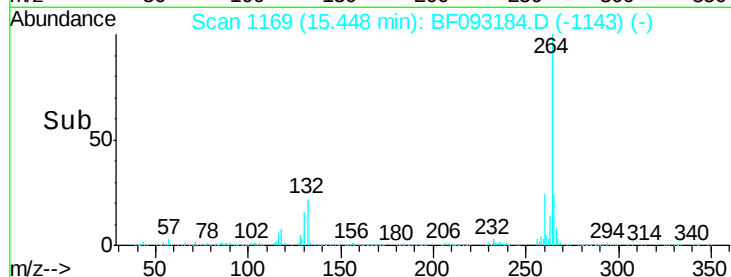
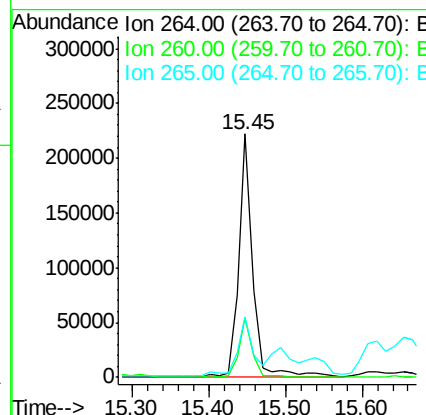
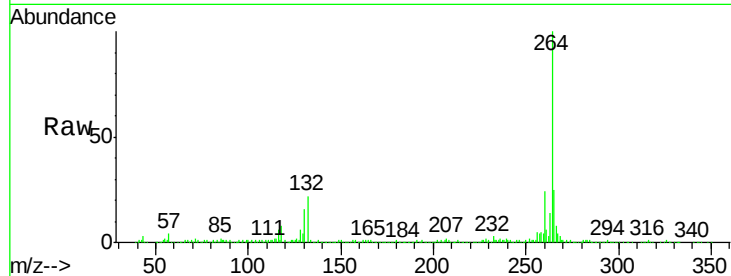




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF093184.D
Acq: 25 Feb 2017 11:12

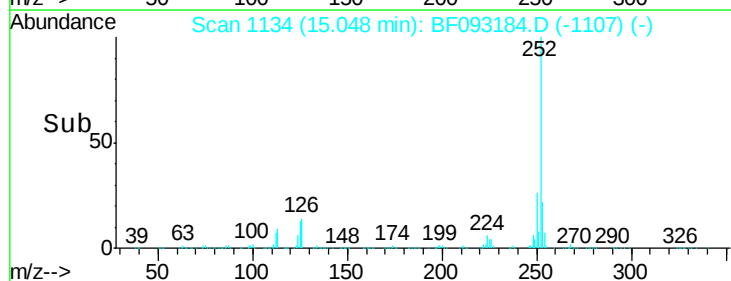
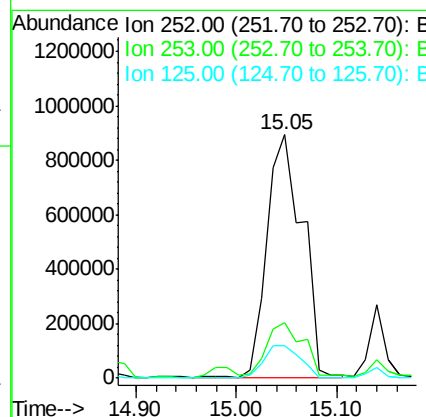
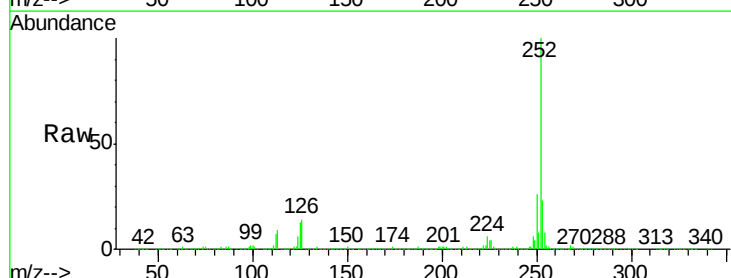
Instrument :
BNA_F
ClientSampleId :
E2B21-WESTSW-2

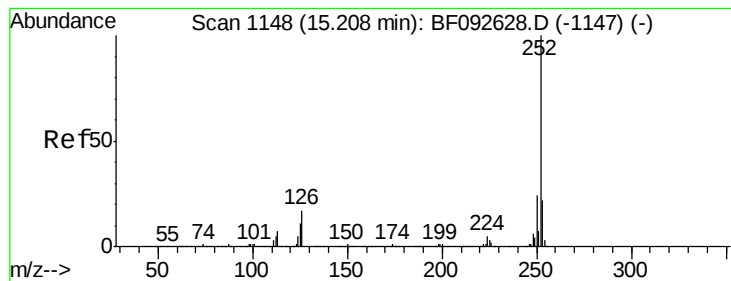
Tgt Ion: 264 Resp: 286319
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 24.8 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 114.99 ng
RT: 15.05 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF093184.D
Acq: 25 Feb 2017 11:12

Tgt Ion: 252 Resp: 2167142
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 13.1 9.8 14.6





#88

Benzo(k)fluoranthene

Concen: 133.19 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

Instrument :

BNA_F

ClientSampleId :

E2B21-WESTSW-2

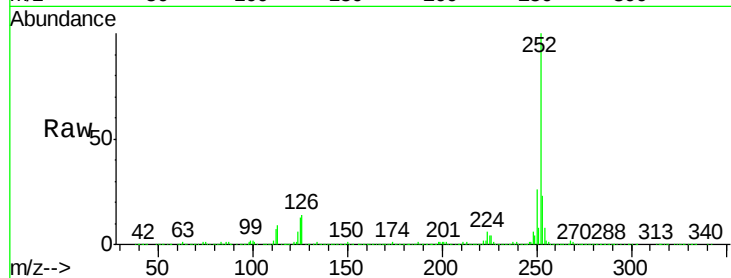
Tgt Ion:252 Resp: 2167142

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

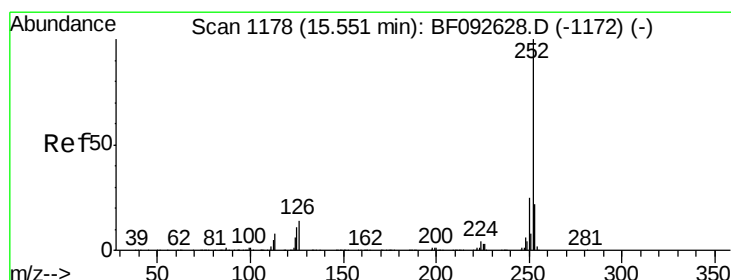
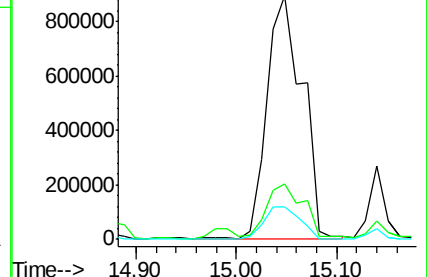
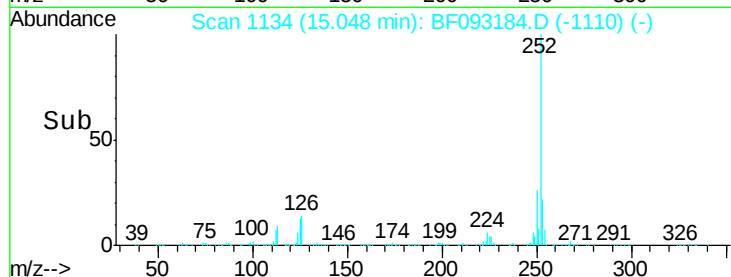
125 13.1 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 18.93 ng

RT: 15.48 min Scan# 1172

Delta R.T. 0.09 min

Lab File: BF093184.D

Acq: 25 Feb 2017 11:12

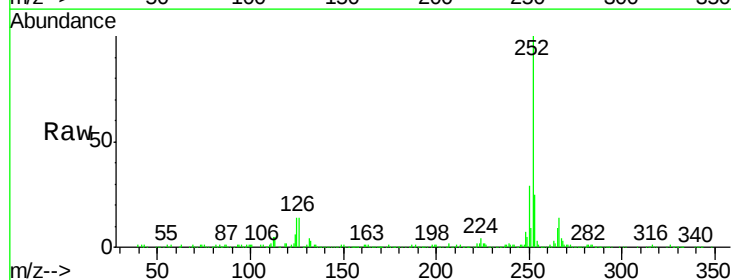
Tgt Ion:252 Resp: 308577

Ion Ratio Lower Upper

252 100

253 24.7 18.2 27.2

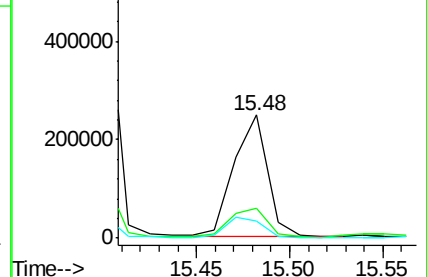
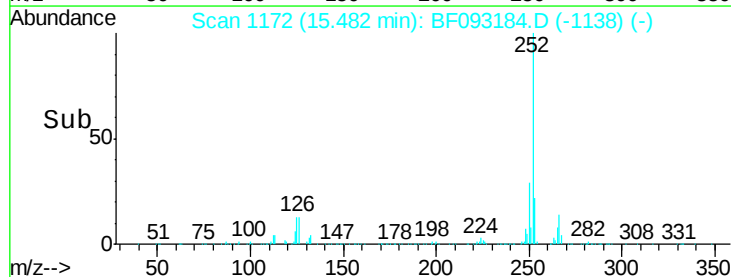
125 13.9 10.0 15.0

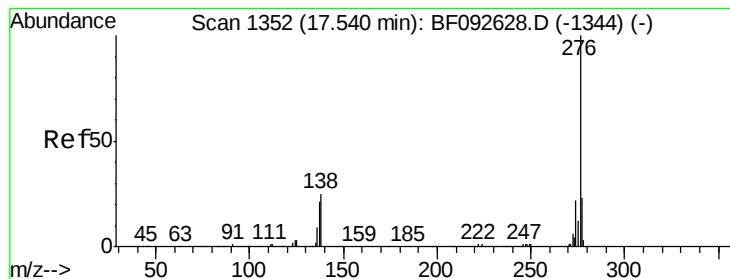


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.12 ng

RT: 17.29 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF093184.D

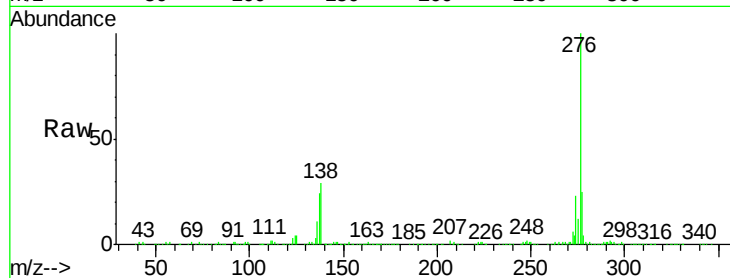
Acq: 25 Feb 2017 11:12

Instrument :

BNA_F

ClientSampleId :

E2B21-WESTSW-2



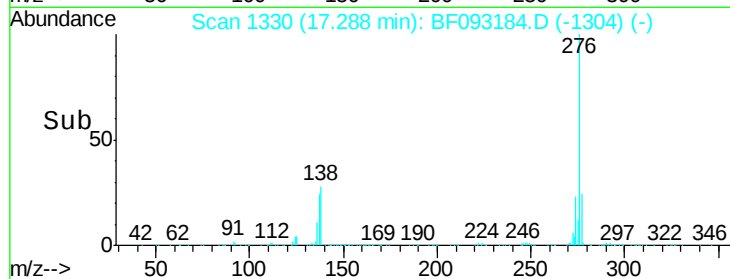
Tgt Ion: 276 Resp: 520692

Ion Ratio Lower Upper

276 100

277 25.1 19.2 28.8

138 28.7 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

