

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093205.D
 Acq On : 27 Feb 2017 13:31
 Operator : SJ/MA
 Sample : I1973-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-4

Quant Time: Feb 27 13:57:26 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	154989	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	597802	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	242773	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	365179	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	304679	20.00	ng	0.00
86) Perylene-d12	15.45	264	284551	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	856550	94.81	ng	-0.02
7) Phenol-d6	6.48	99	1033714	88.93	ng	-0.01
23) Nitrobenzene-d5	7.40	82	730646	68.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	172037	97.98	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1130894	84.39	ng	-0.01
78) Terphenyl-d14	12.96	244	699611	53.95	ng	-0.01

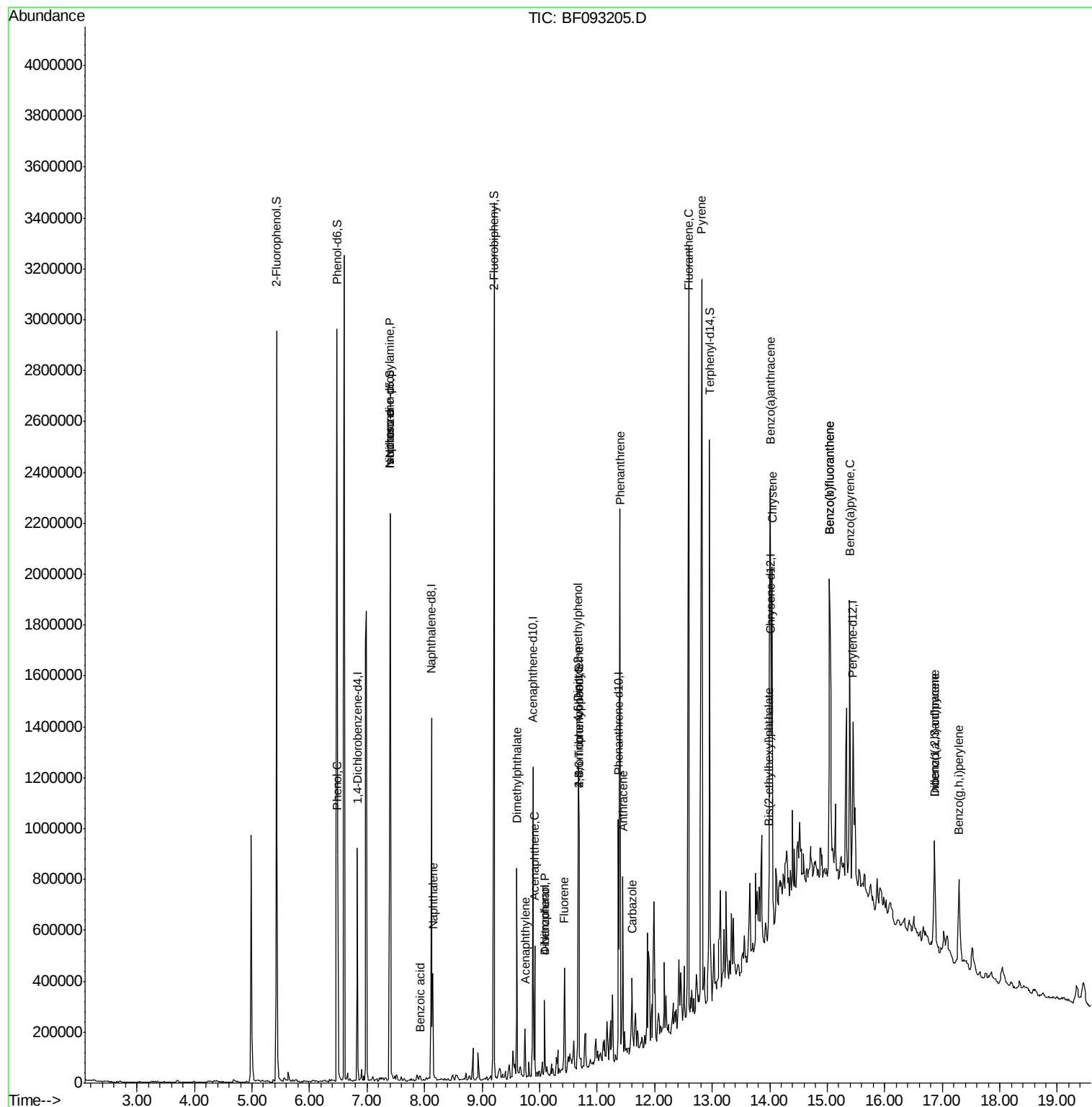
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.49	94	97667	7.18	ng	79
19) n-Nitroso-di-n-propylamine	7.40	70	99236	13.41	ng	# 80
25) Isophorone	7.40	82	549532	27.47	ng	# 65
31) Naphthalene	8.14	128	179896	5.94	ng	98
32) Benzoic acid	7.93	122	4639	7.92	ng	# 31
48) Acenaphthylene	9.74	152	66938	2.82	ng	99
49) Dimethylphthalate	9.61	163	339006	20.73	ng	100
51) Acenaphthene	9.92	154	101184	7.12	ng	99
54) Dibenzofuran	10.09	168	97305	5.12	ng	93
55) 4-Nitrophenol	10.09	139	35061	12.05	ng	# 6
57) Fluorene	10.43	166	99675	6.82	ng	97
64) 4,6-Dinitro-2-methylphenol	10.67	198	565	2.91	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	11923	3.13	ng	# 1
70) Phenanthrene	11.40	178	1265109	60.47	ng	98
71) Anthracene	11.45	178	322291	15.34	ng	97
72) Carbazole	11.61	167	117962	5.87	ng	97
74) Fluoranthene	12.59	202	1459821	67.65	ng	95
77) Pyrene	12.82	202	1381053	60.57	ng	99
80) Benzo(a)anthracene	14.01	228	710838	38.15	ng	97
82) Chrysene	14.04	228	605542	34.71	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	31551	2.49	ng	# 96
85) Indeno(1,2,3-cd)pyrene	16.87	276	293232	21.70	ng	95
87) Benzo(b)fluoranthene	15.04	252	1012386	54.05	ng	# 96
88) Benzo(k)fluoranthene	15.04	252	1012386	62.60	ng	# 95
89) Benzo(a)pyrene	15.39	252	554730	34.24	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	76549	5.85	ng	# 77
91) Benzo(g,h,i)perylene	17.29	276	268903	20.33	ng	# 89

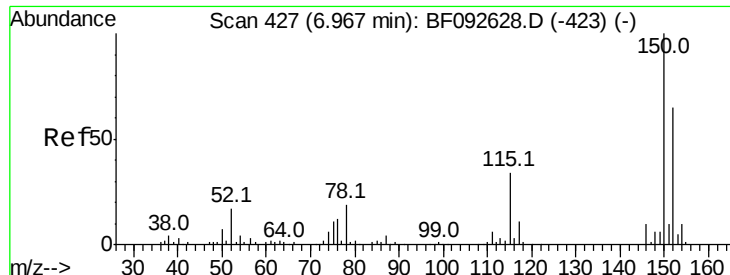
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-4

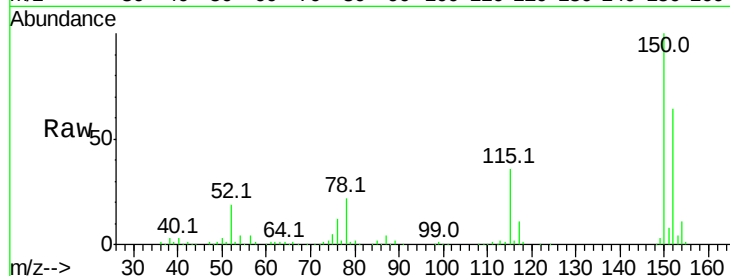
Tot Ion:152 Resp: 154989

Ion Ratio Lower Upper

152 100

150 156.3 124.9 187.3

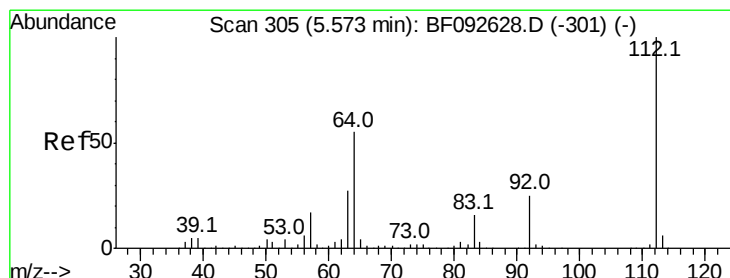
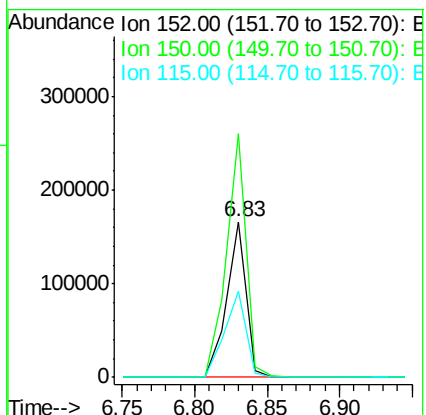
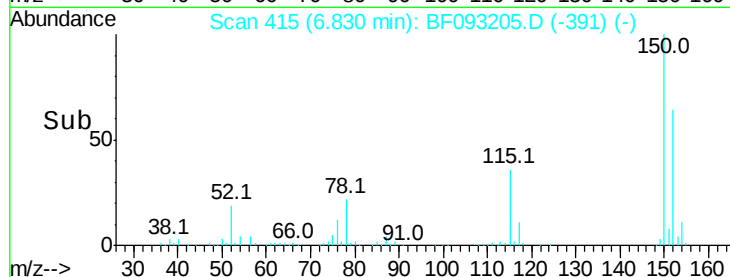
115 55.6 46.0 69.0



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: 94.81 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

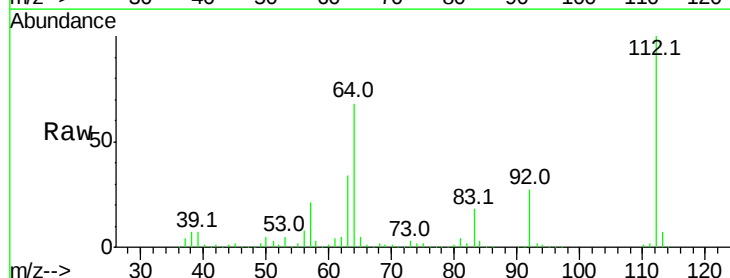
Tgt Ion:112 Resp: 856550

Ion Ratio Lower Upper

112 100

64 68.3 46.1 69.1

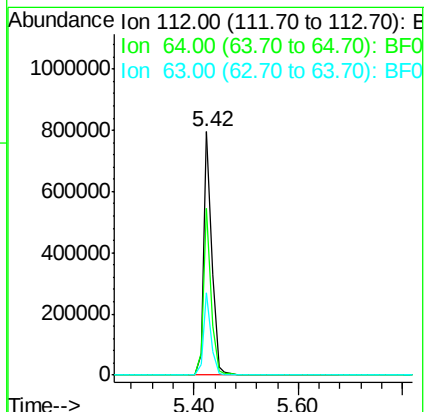
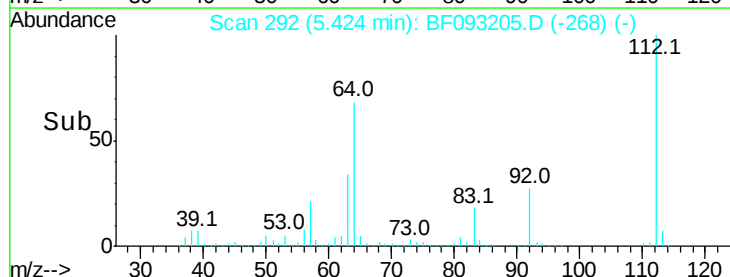
63 33.9 23.8 35.6



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: 88.93 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-4

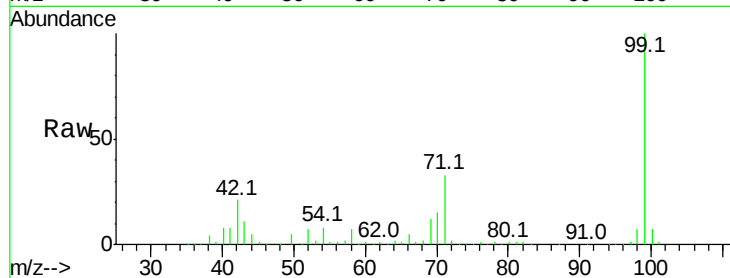
Tot Ion: 99 Resp: 1033714

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

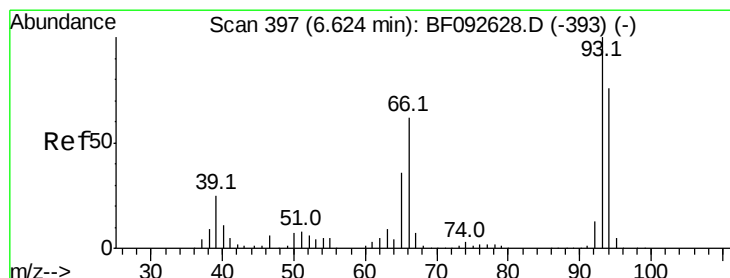
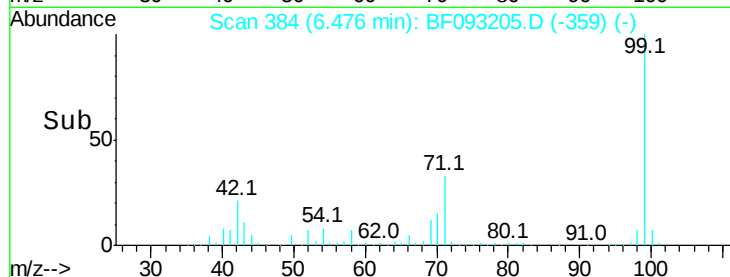
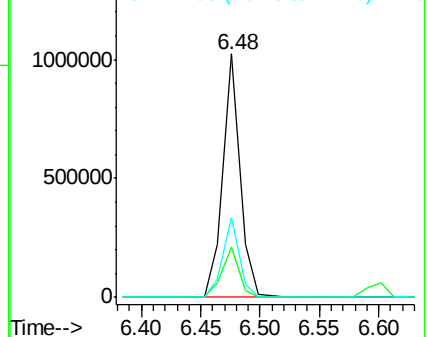
71 32.8 27.5 41.3



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: 7.18 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

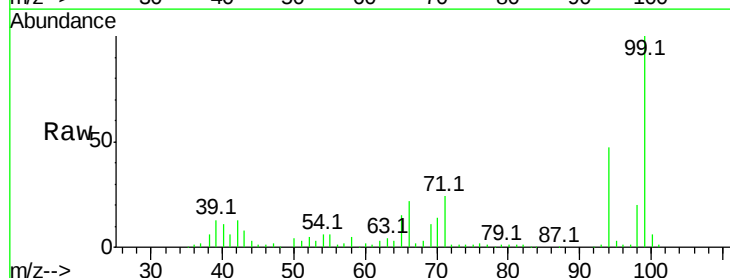
Tgt Ion: 94 Resp: 97667

Ion Ratio Lower Upper

94 100

65 31.0 21.4 61.4

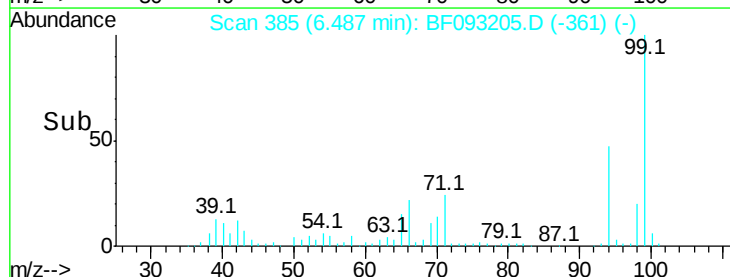
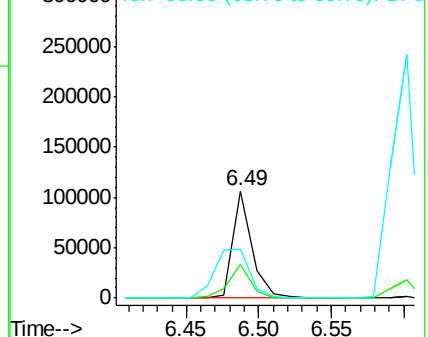
66 45.6 44.0 84.0

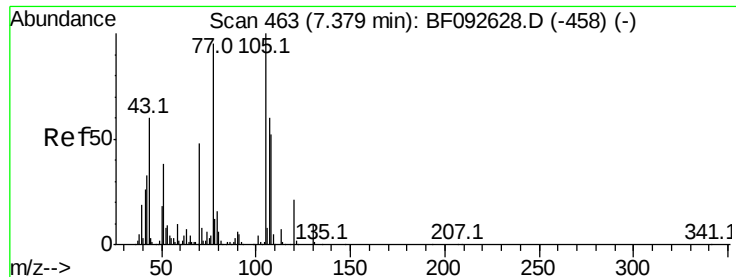


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

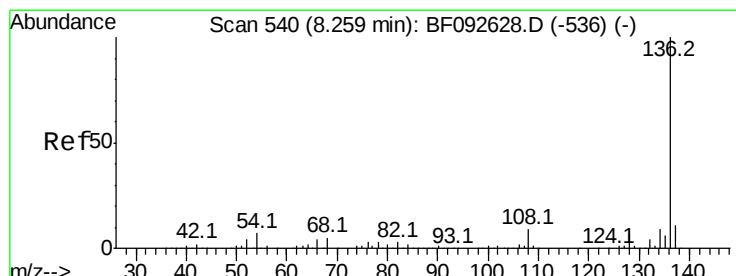
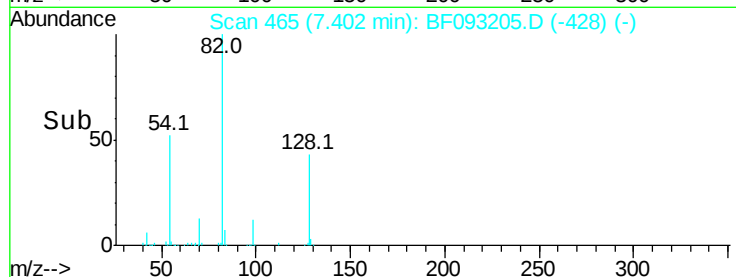
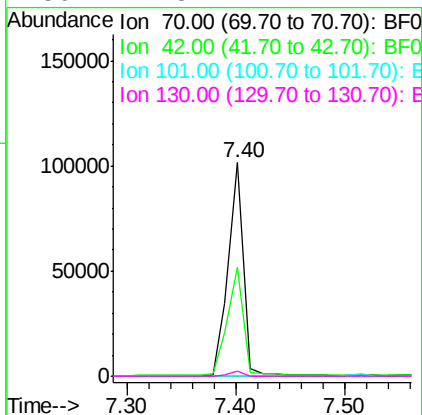
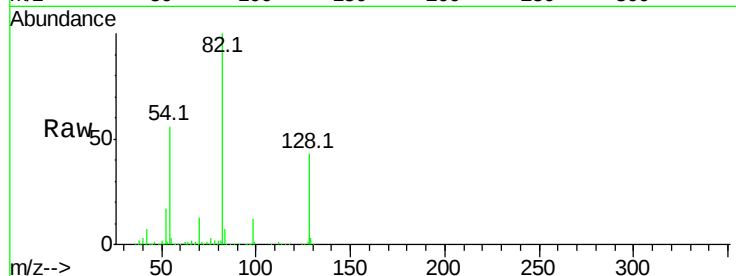




#19
n-Nitroso-di-n-propylamine
Concen: 13.41 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

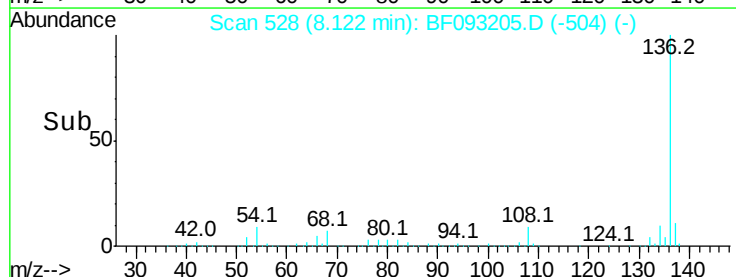
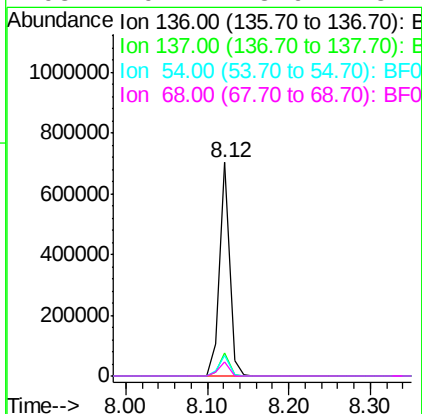
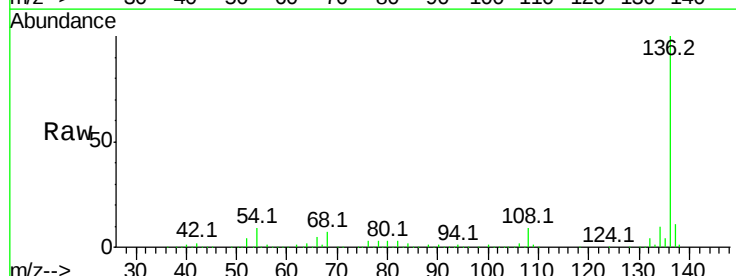
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

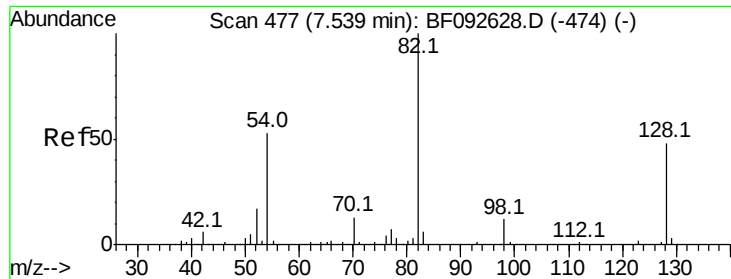
Tot Ion: 70 Resp: 99236
Ion Ratio Lower Upper
70 100
42 50.8 49.4 74.0
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion: 136 Resp: 597802
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.4 4.5 6.7#
68 6.7 3.6 5.4#

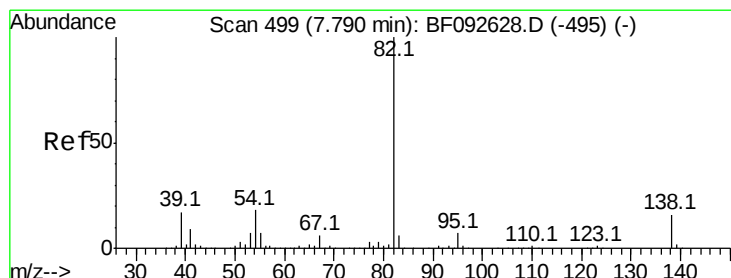
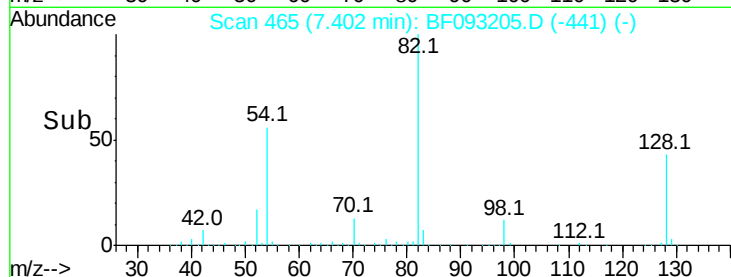
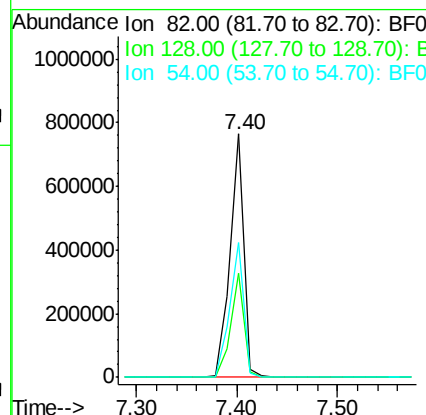
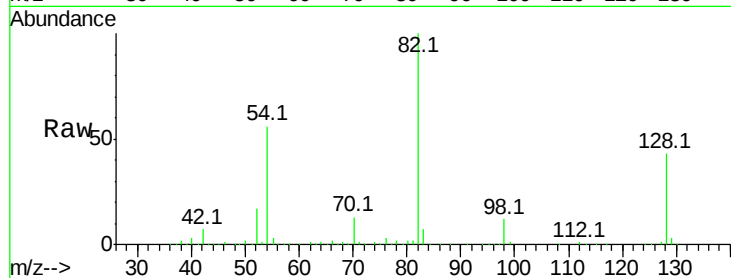




#23
 Nitrobenzene-d5
 Concen: 68.06 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093205.D
 Acq: 27 Feb 2017 13:31

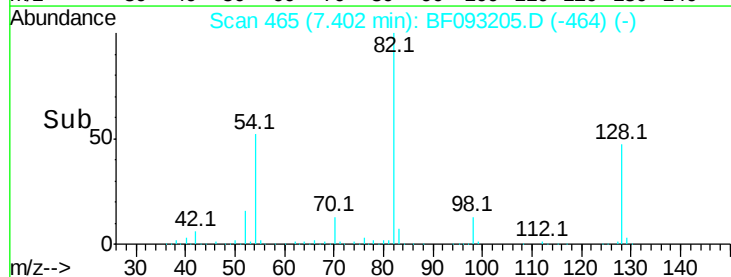
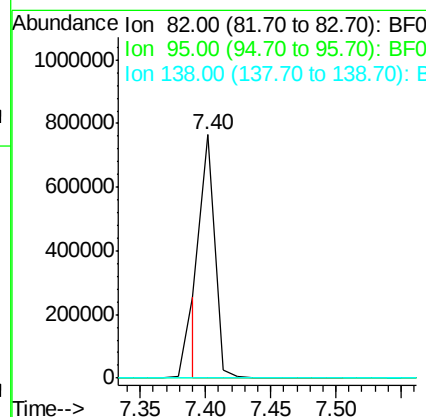
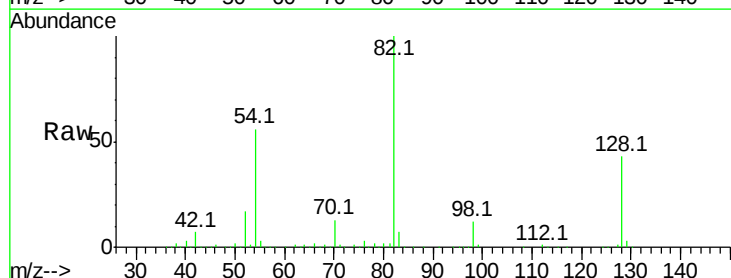
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-4

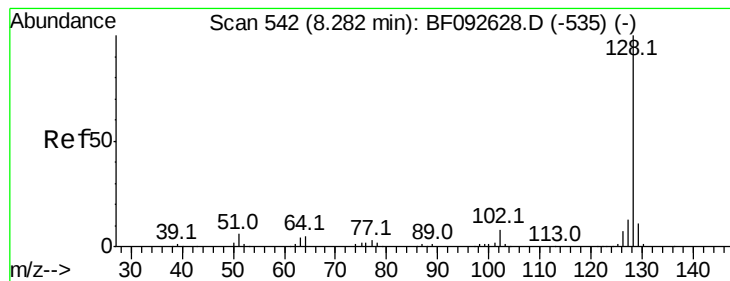
Tot Ion	82	Resp	730646
Ion Ratio	Lower	Upper	
82	100		
128	42.7	34.6	52.0
54	55.5	39.5	59.3



#25
 Isophorone
 Concen: 27.47 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.29 min
 Lab File: BF093205.D
 Acq: 27 Feb 2017 13:31

Tgt Ion	82	Resp	549532
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#





#31

Naphthalene

Concen: 5.94 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-4

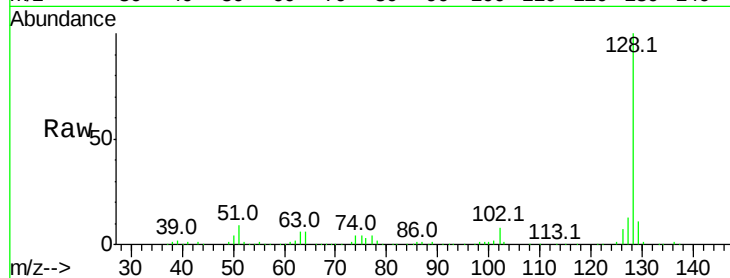
Tot Ion:128 Resp: 179896

Ion Ratio Lower Upper

128 100

129 10.6 9.5 14.3

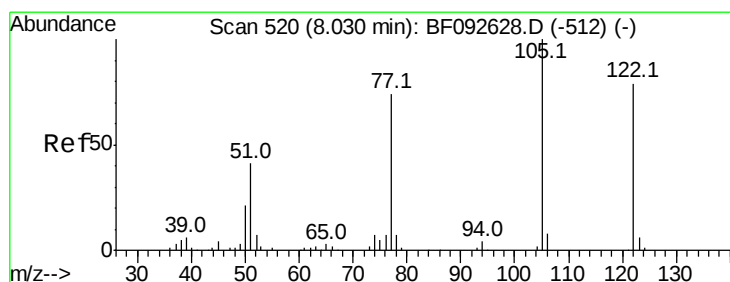
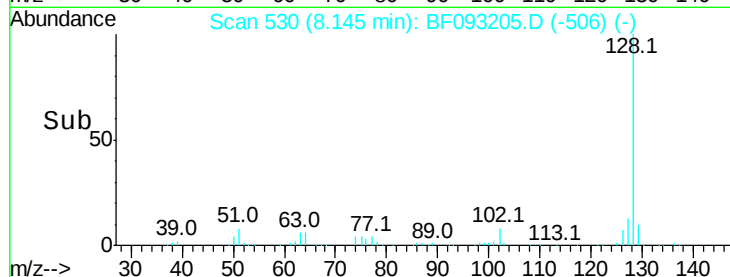
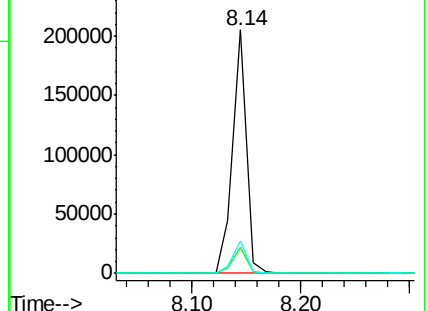
127 13.4 10.8 16.2



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: 7.92 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

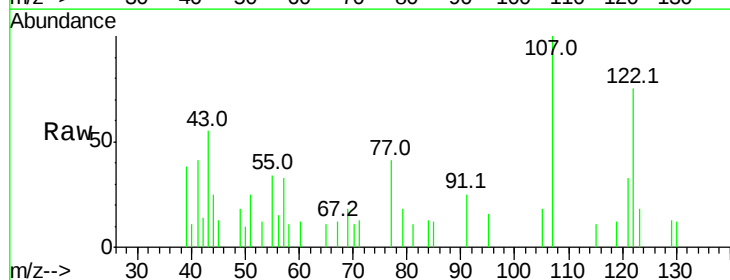
Tgt Ion:122 Resp: 4639

Ion Ratio Lower Upper

122 100

105 24.3 107.2 147.2#

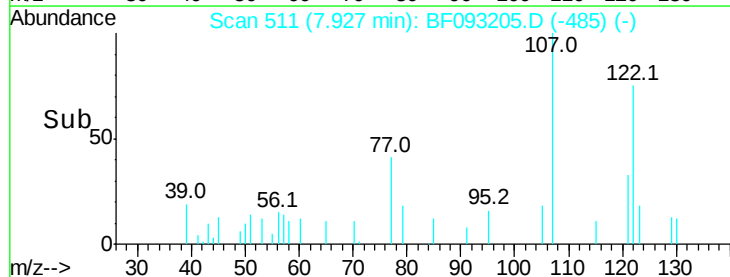
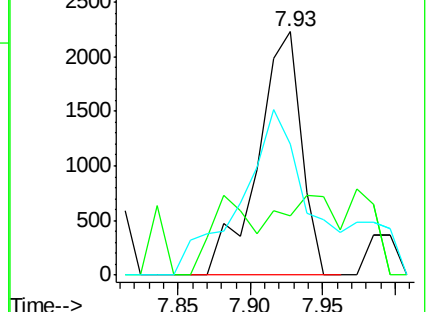
77 53.8 74.5 114.5#

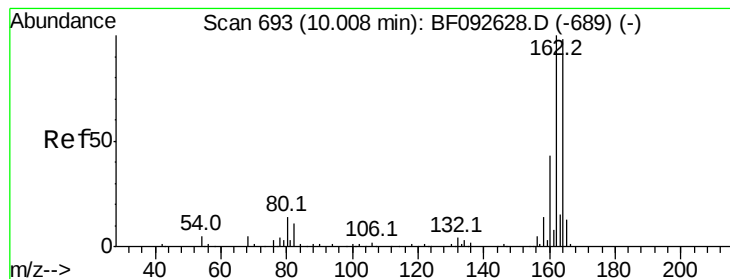


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

Instrument :

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ClientSampleId :

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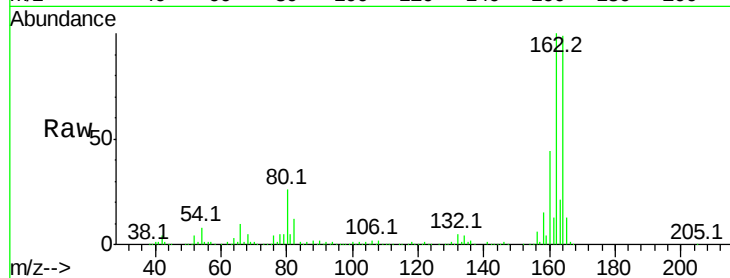
Tot Ion:164 Resp: 242773

Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

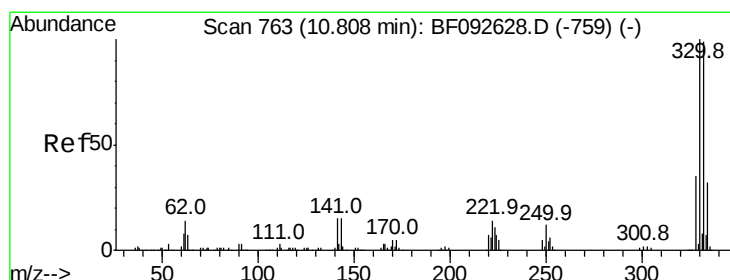
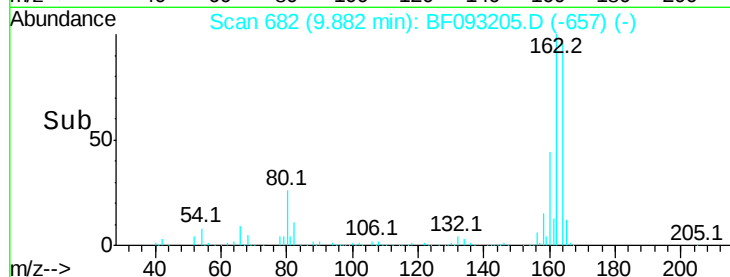
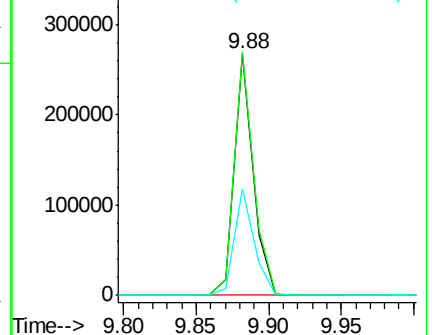
160 44.3 36.9 55.3



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: 97.98 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

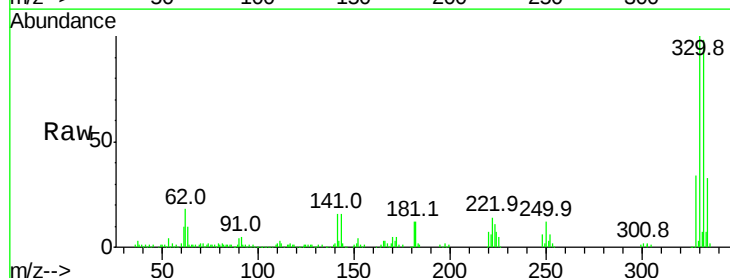
Tgt Ion:330 Resp: 172037

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

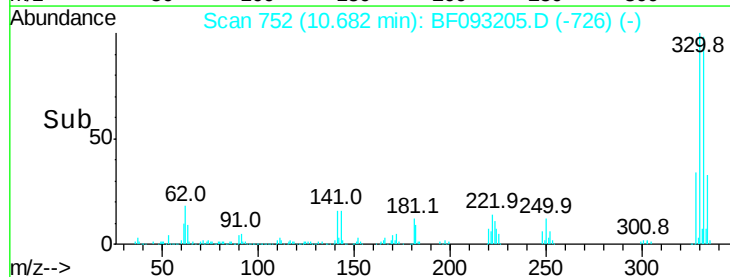
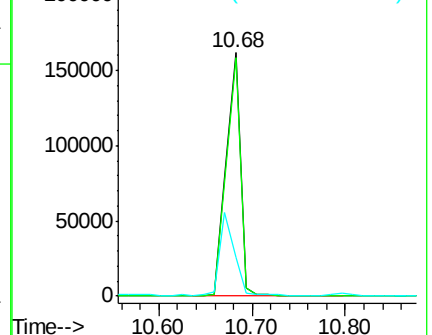
141 34.8 34.1 51.1

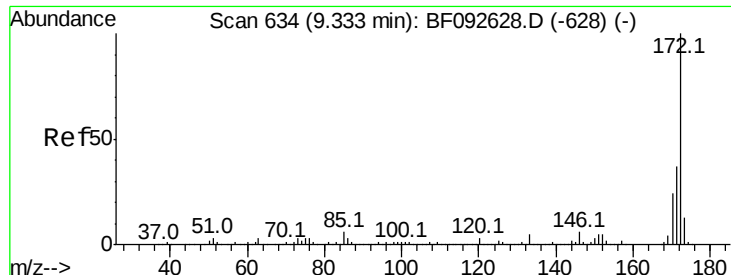


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



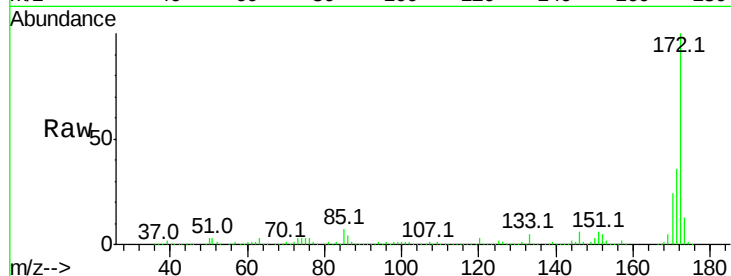


#44
 2-Fluorobiphenyl
 Concen: 84.39 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093205.D
 Acq: 27 Feb 2017 13:31

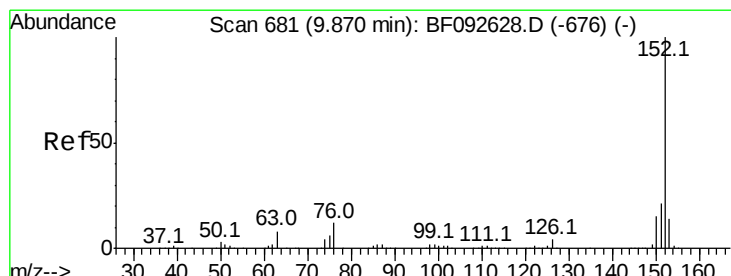
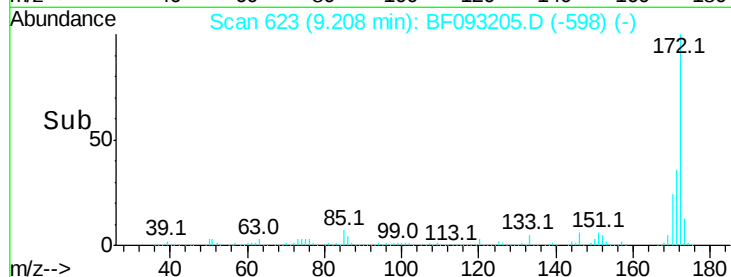
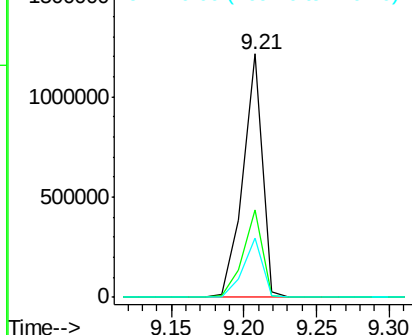
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-4

Tot Ion:172 Resp: 1130894

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.3	20.2	30.4



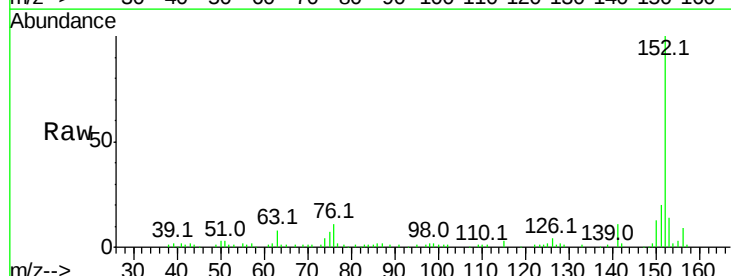
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



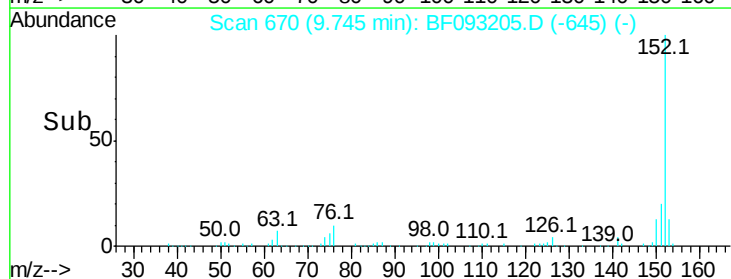
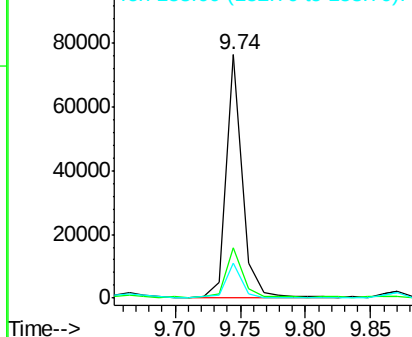
#48
 Acenaphthylene
 Concen: 2.82 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF093205.D
 Acq: 27 Feb 2017 13:31

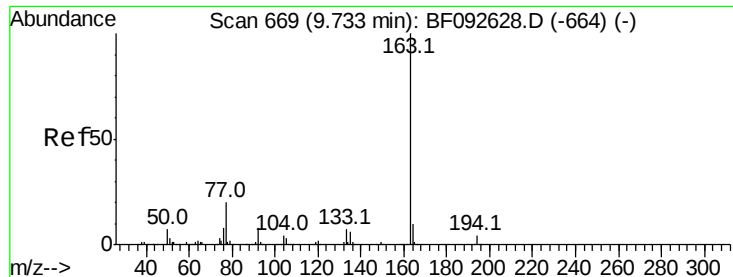
Tgt Ion:152 Resp: 66938

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	14.2	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

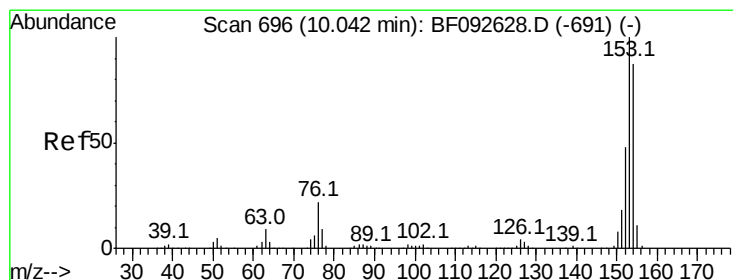
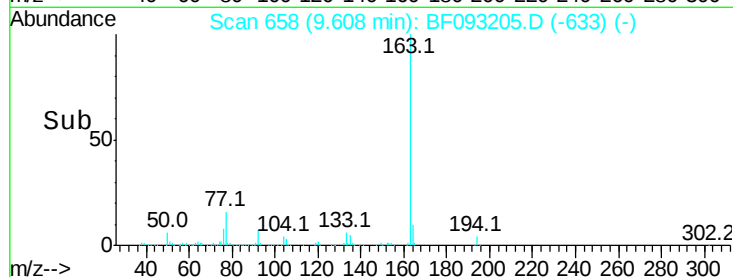
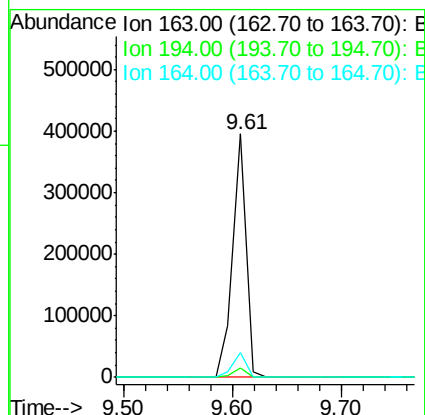
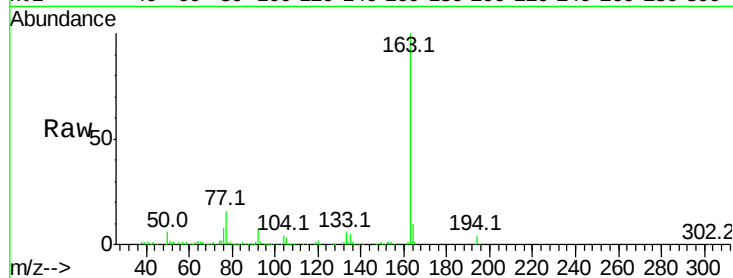




#49
Dimethylphthalate
Concen: 20.73 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

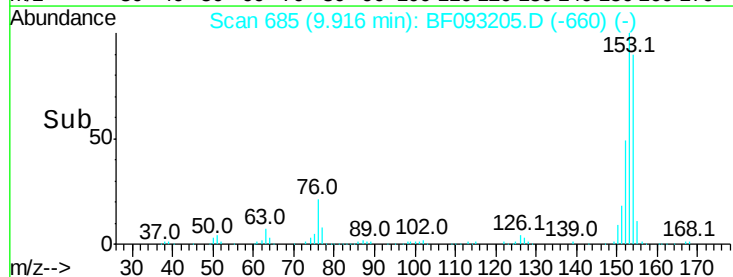
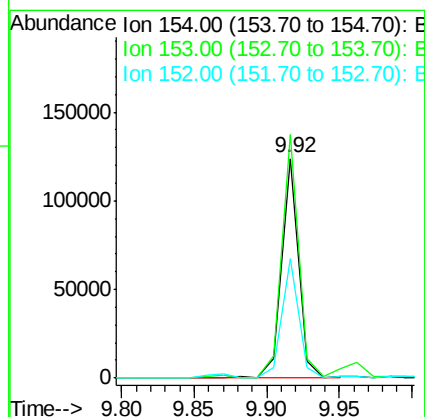
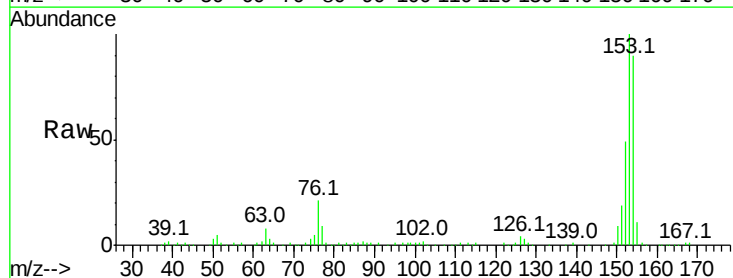
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

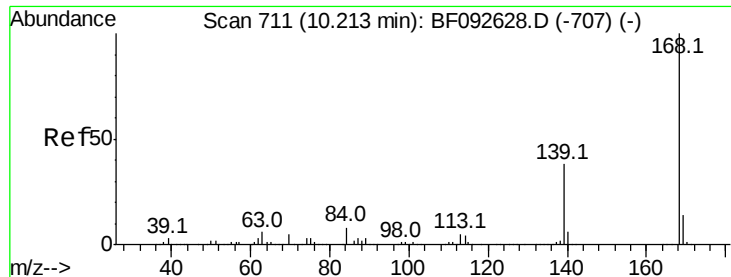
Tot Ion:163 Resp: 339006
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.0 12.0



#51
Acenaphthene
Concen: 7.12 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:154 Resp: 101184
Ion Ratio Lower Upper
154 100
153 110.8 88.6 133.0
152 54.3 41.6 62.4





#54

Dibenzofuran

Concen: 5.12 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-4

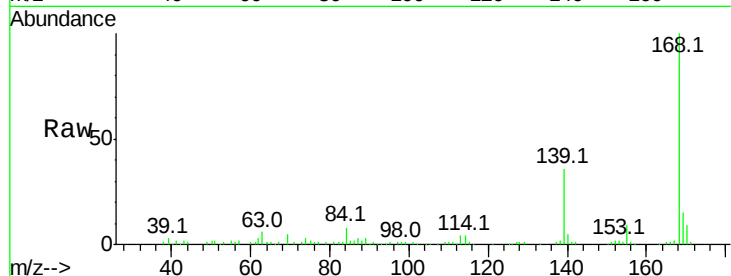
Tot Ion:168 Resp: 97305

Ion Ratio Lower Upper

168 100

139 35.8 32.6 49.0

169 14.9 11.3 16.9

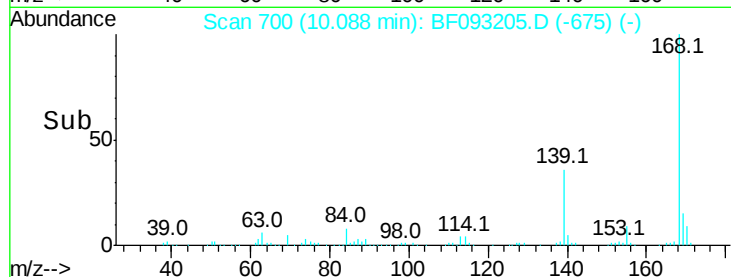


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



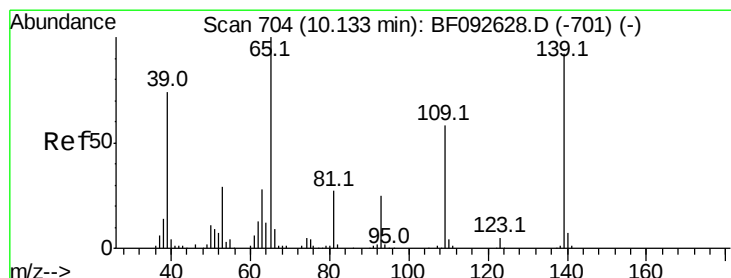
10.09

100000

50000

0

10.05 10.10 10.15 10.20



#55

4-Nitrophenol

Concen: 12.05 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.07 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

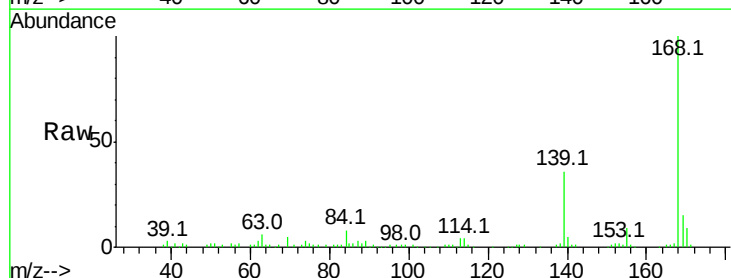
Tgt Ion:139 Resp: 35061

Ion Ratio Lower Upper

139 100

109 1.9 52.2 92.2#

65 2.3 85.8 125.8#

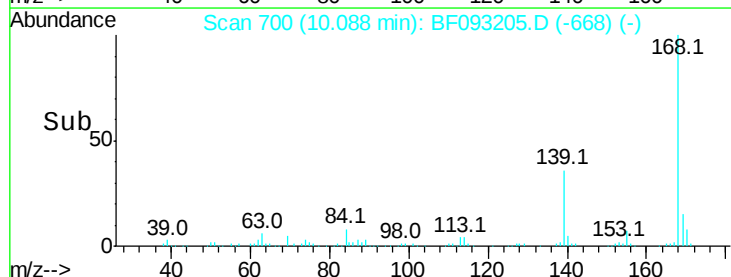


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->



10.09

50000

40000

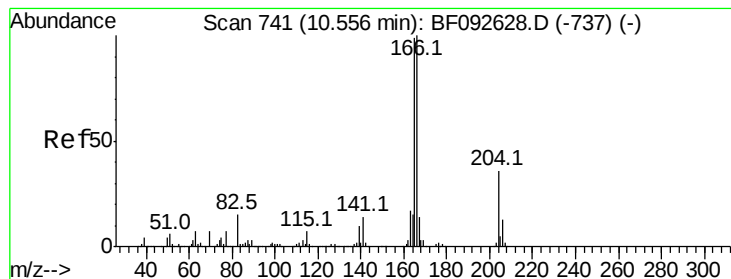
30000

20000

10000

0

10.00 10.10



#57

Fluorene

Concen: 6.82 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-4

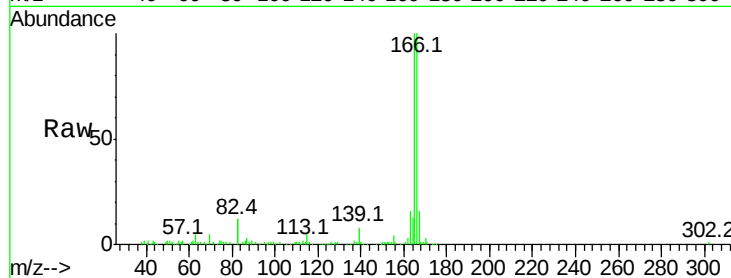
Tot Ion:166 Resp: 99675

Ion Ratio Lower Upper

166 100

165 100.5 77.8 116.8

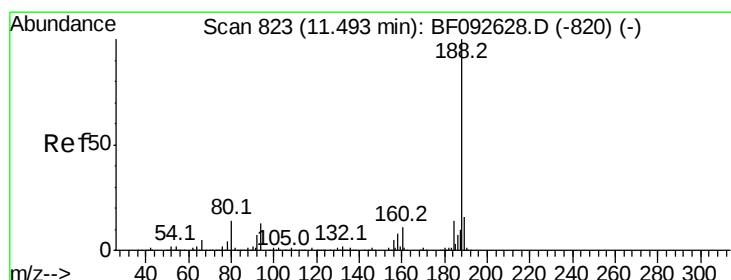
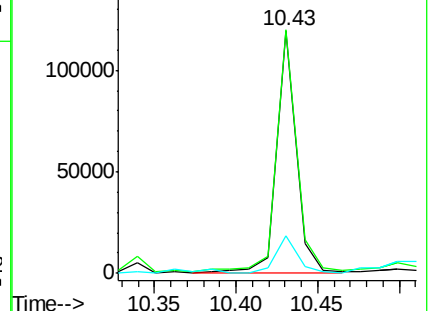
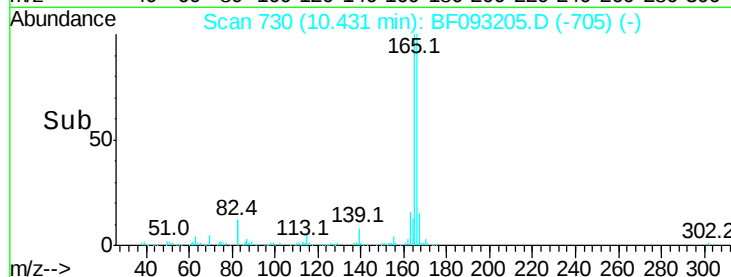
167 15.6 10.8 16.2



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: BF093205.D

Acq: 27 Feb 2017 13:31

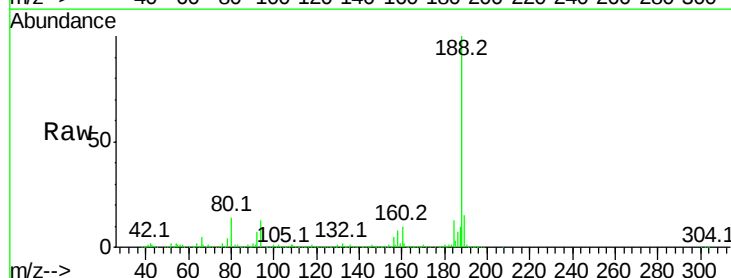
Tgt Ion:188 Resp: 365179

Ion Ratio Lower Upper

188 100

94 13.2 10.0 15.0

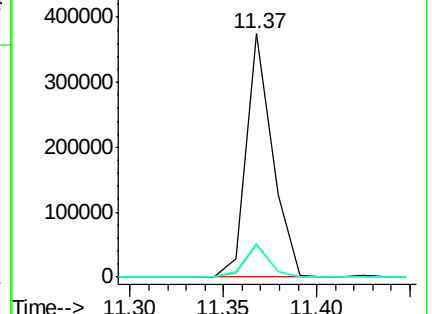
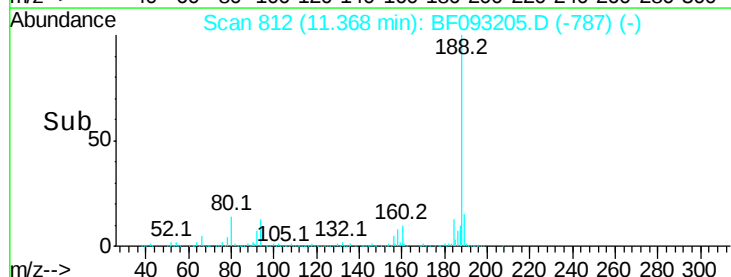
80 13.7 11.2 16.8

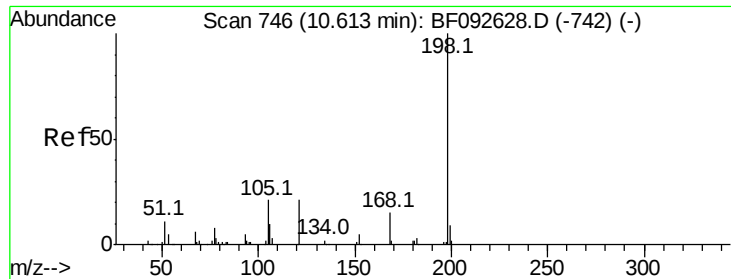


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.91 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.17 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-4

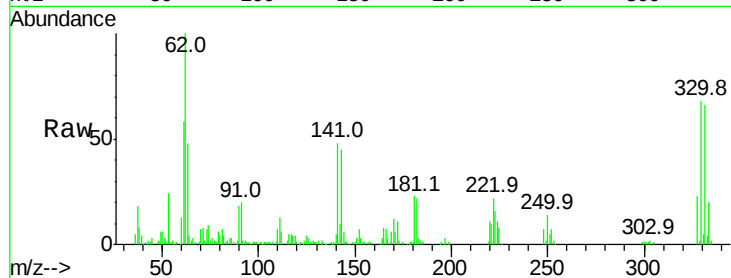
Tot Ion:198 Resp: 565

Ion Ratio Lower Upper

198 100

51 600.4 6.7 46.7#

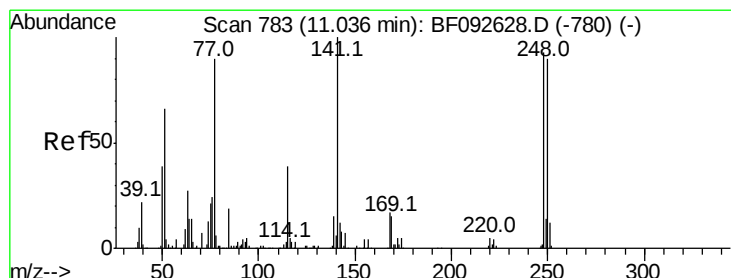
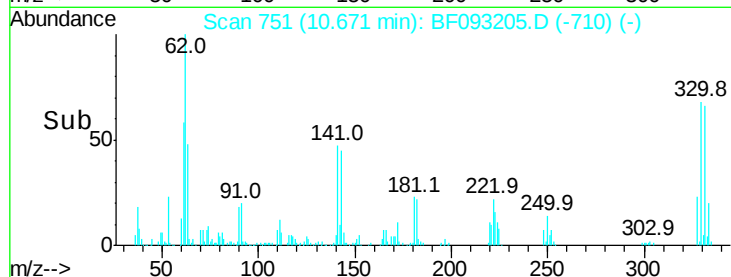
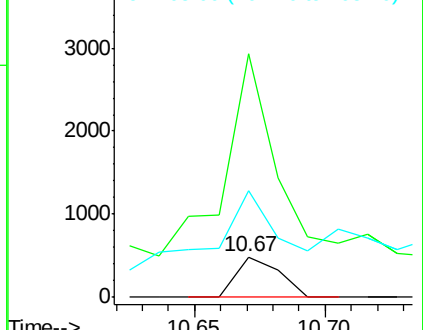
105 262.3 16.6 56.6#



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: 3.13 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.24 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

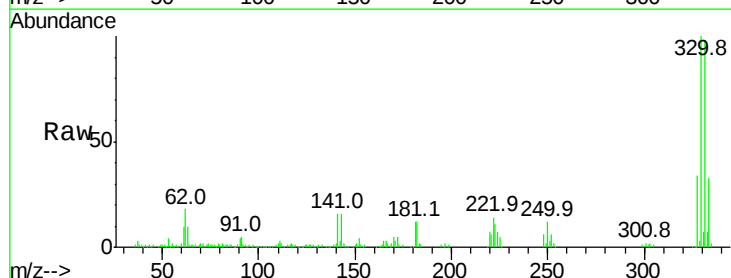
Tgt Ion:248 Resp: 11923

Ion Ratio Lower Upper

248 100

250 201.1 76.9 115.3#

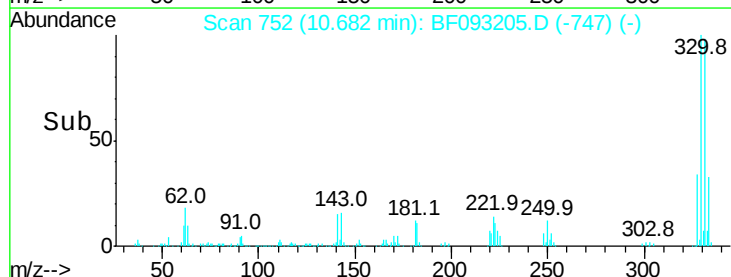
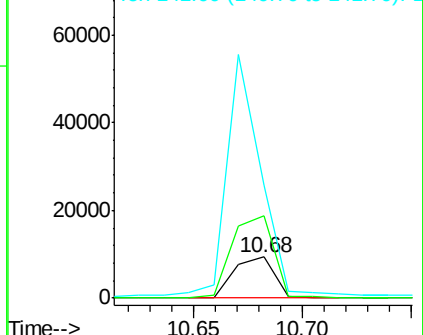
141 274.0 68.2 102.4#

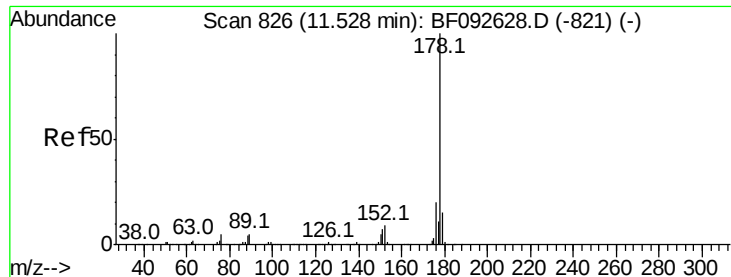


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

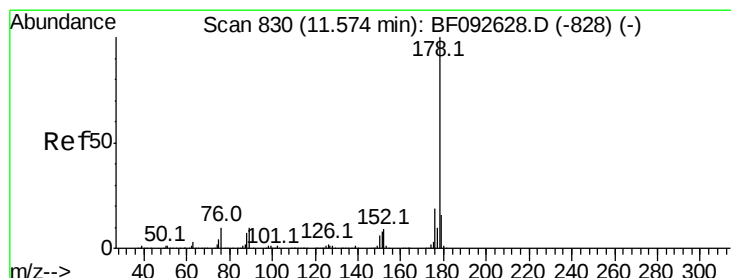
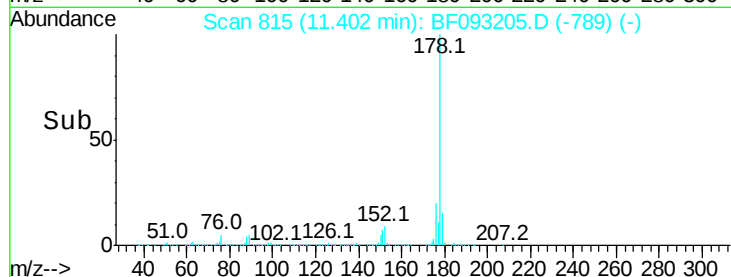
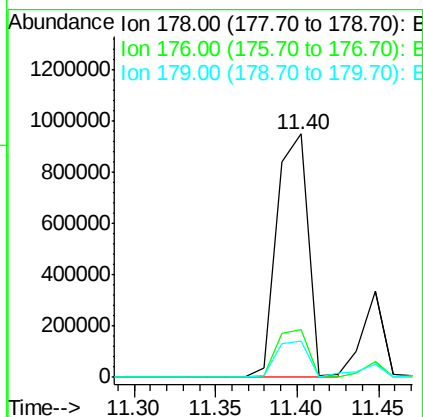
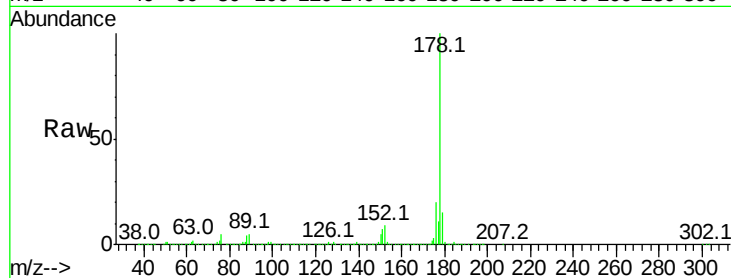




#70
Phenanthrene
Concen: 60.47 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

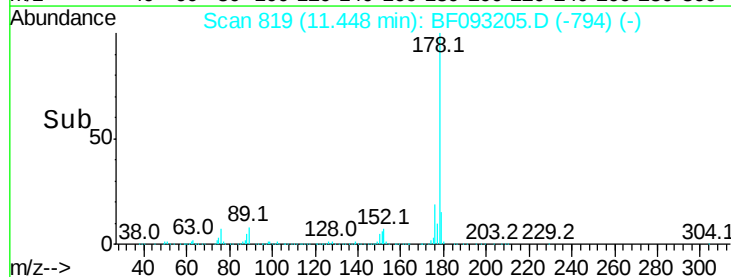
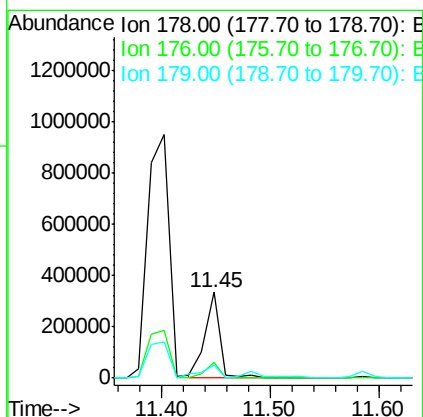
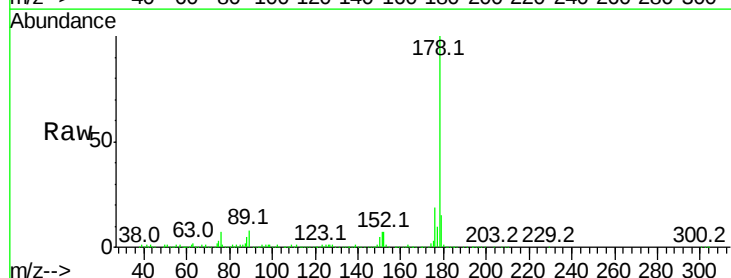
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

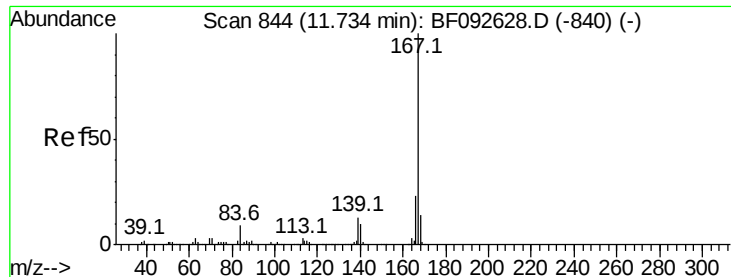
Tot Ion:178 Resp: 1265109
Ion Ratio Lower Upper
178 100
176 19.7 16.6 25.0
179 15.1 12.8 19.2



#71
Anthracene
Concen: 15.34 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:178 Resp: 322291
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 14.9 13.2 19.8





#72

Carbazole

Concen: 5.87 ng

RT: 11.61 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-4

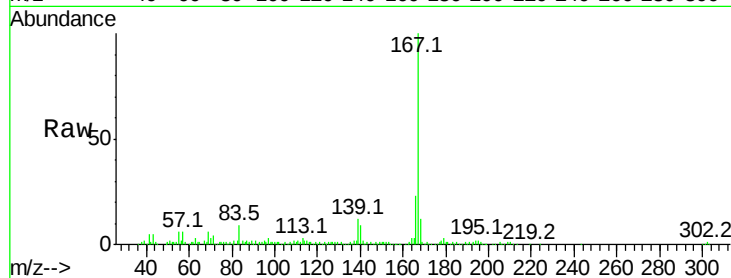
Tot Ion:167 Resp: 117962

Ion Ratio Lower Upper

167 100

166 23.0 18.2 27.2

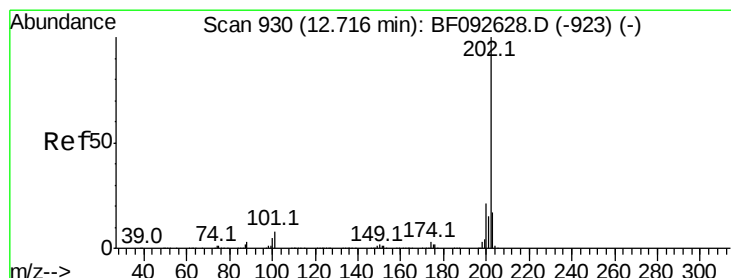
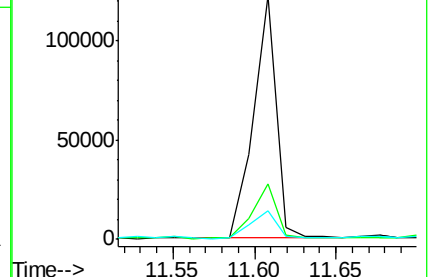
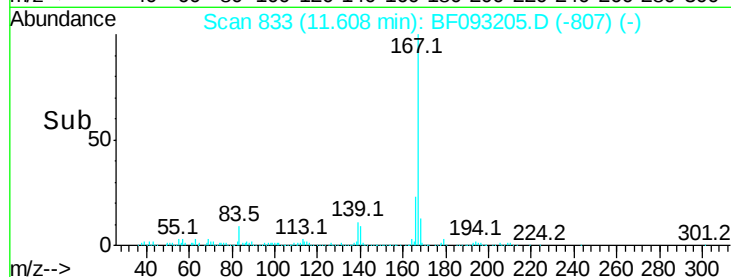
139 11.8 11.4 17.2



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: 67.65 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

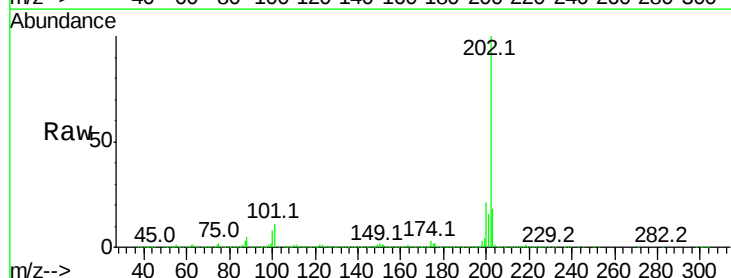
Tgt Ion:202 Resp: 1459821

Ion Ratio Lower Upper

202 100

101 11.2 0.0 34.6

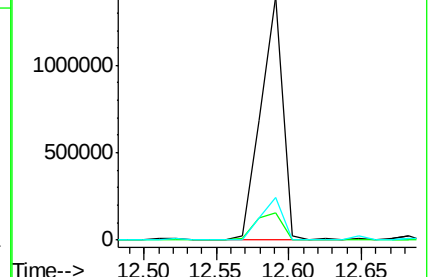
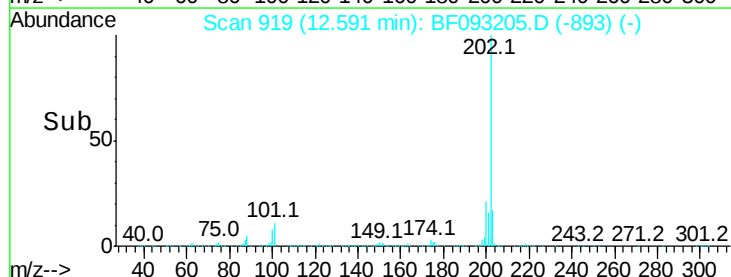
203 17.5 0.0 38.7

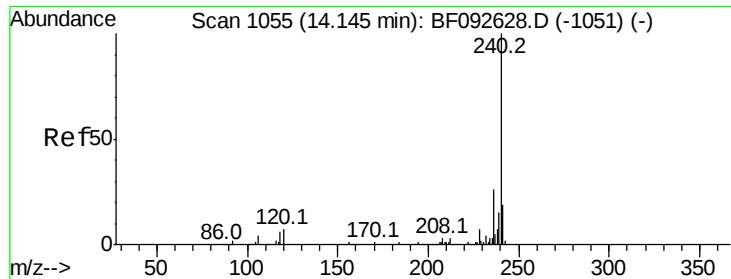


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF093205.D

Acq: 27 Feb 2017 13:31

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-4

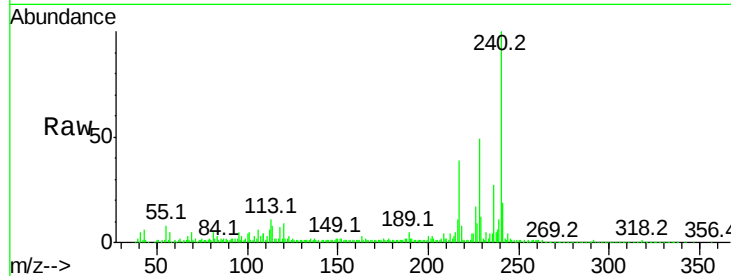
Tot Ion:240 Resp: 304679

Ion Ratio Lower Upper

240 100

120 8.7 12.9 19.3#

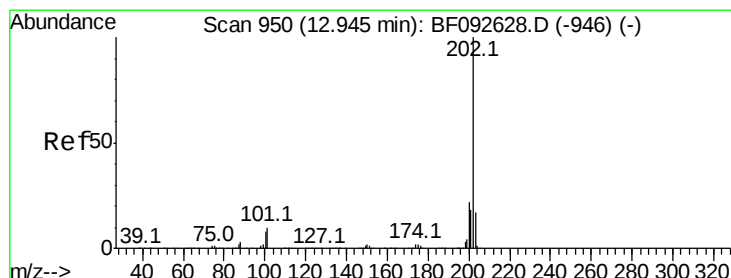
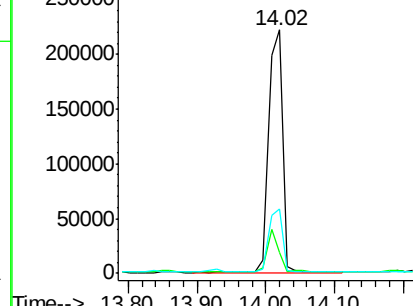
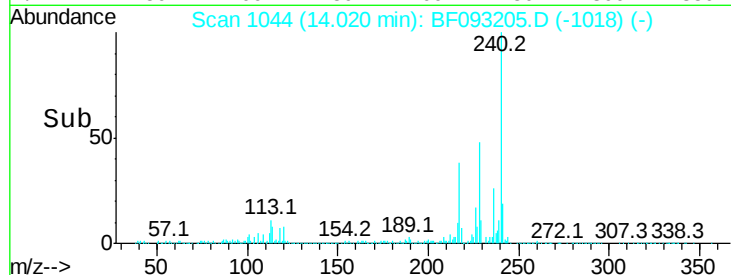
236 26.7 20.9 31.3



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: 60.57 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

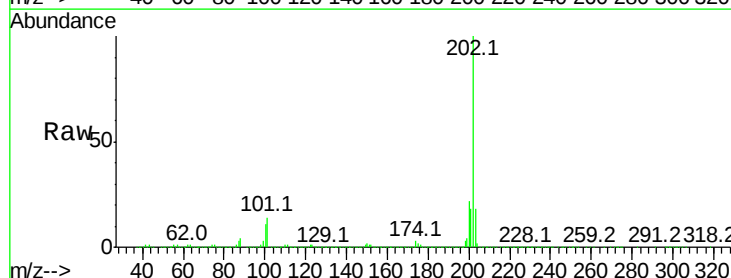
Tgt Ion:202 Resp: 1381053

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

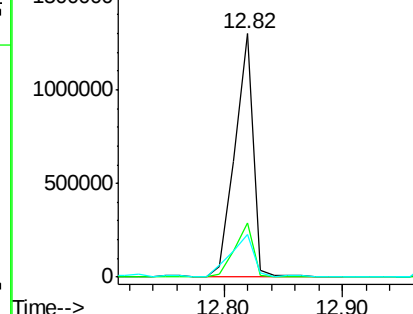
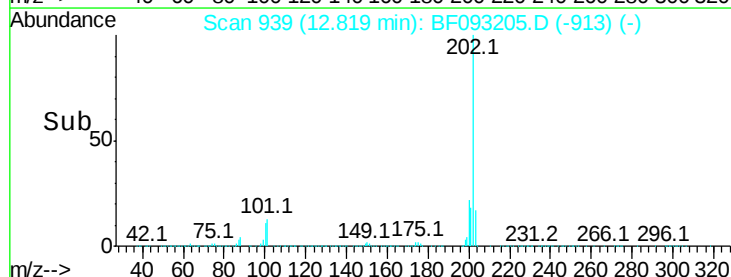
203 17.6 14.7 22.1

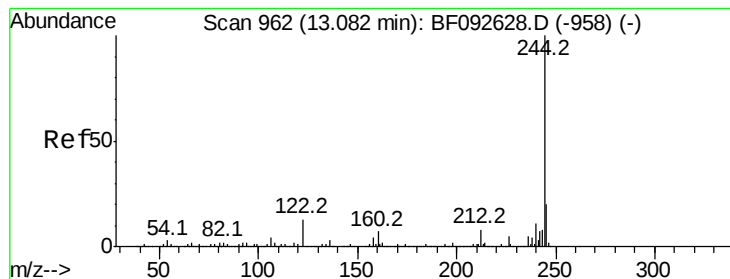


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 53.95 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-4

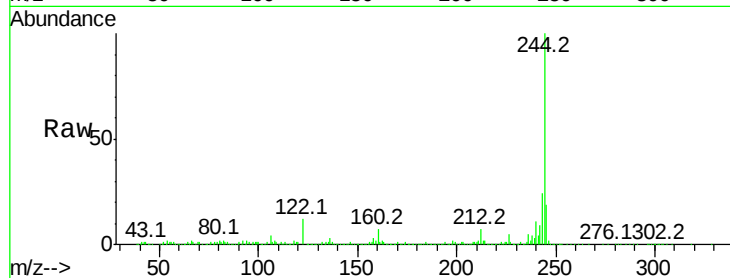
Tot Ion:244 Resp: 699611

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

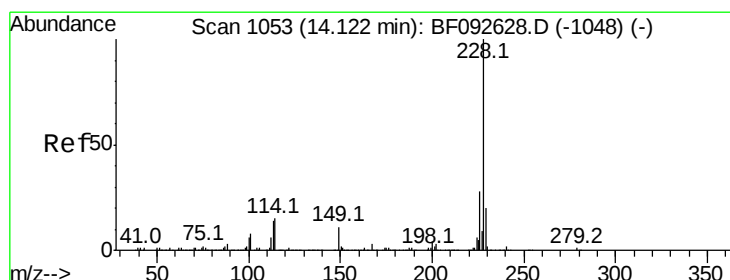
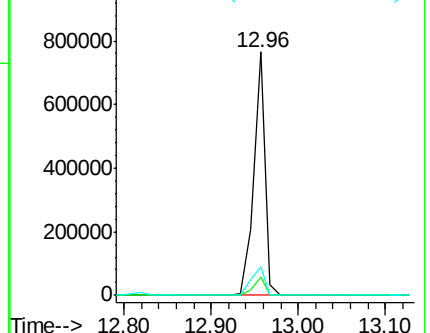
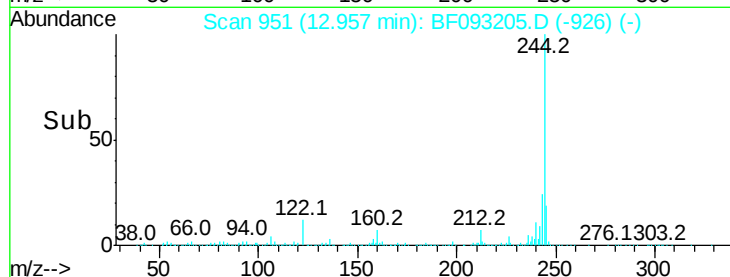
122 12.0 11.4 17.2



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



#80

Benzo(a)anthracene

Concen: 38.15 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

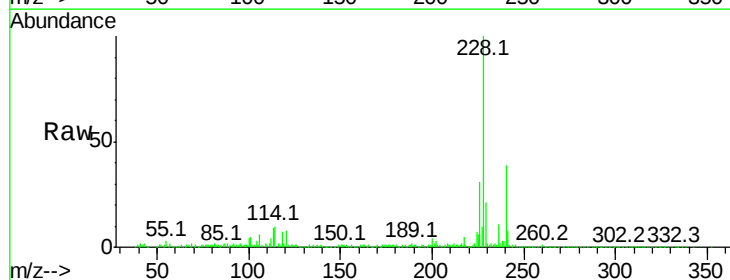
Tgt Ion:228 Resp: 710838

Ion Ratio Lower Upper

228 100

226 30.6 22.4 33.6

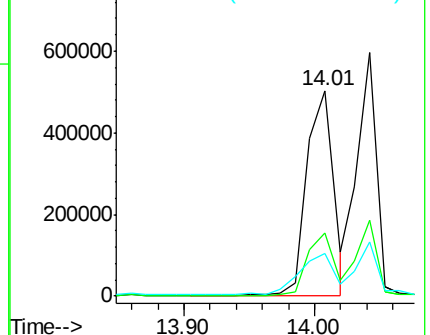
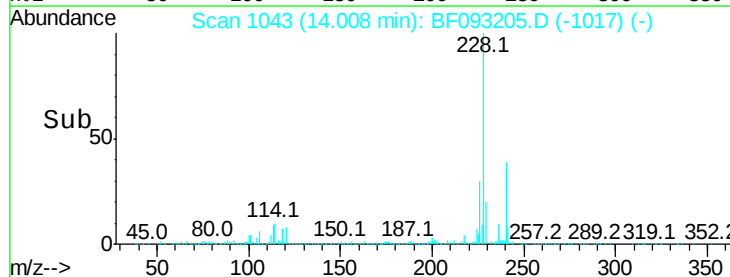
229 20.9 16.2 24.4

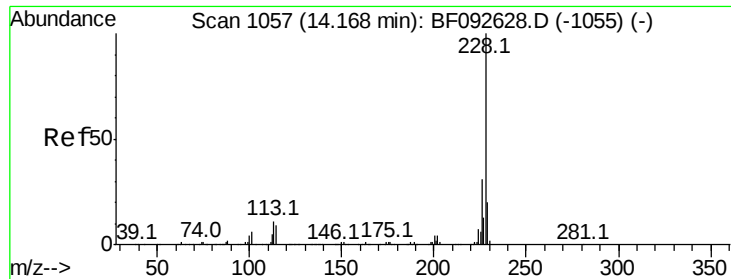


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

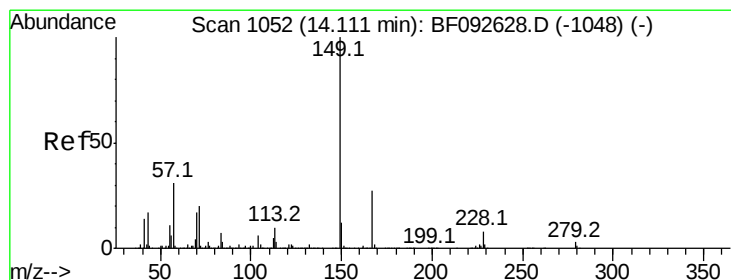
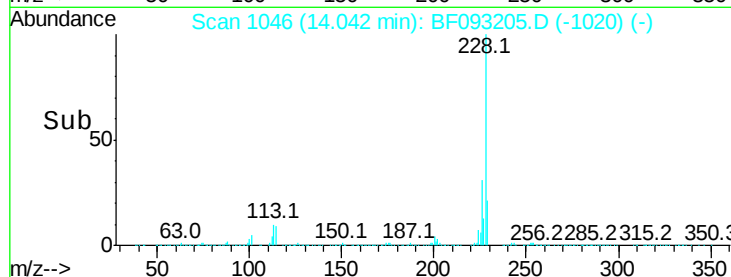
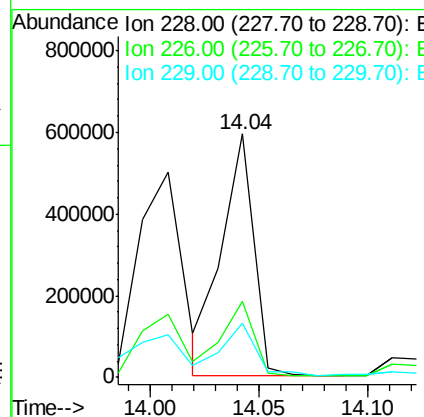
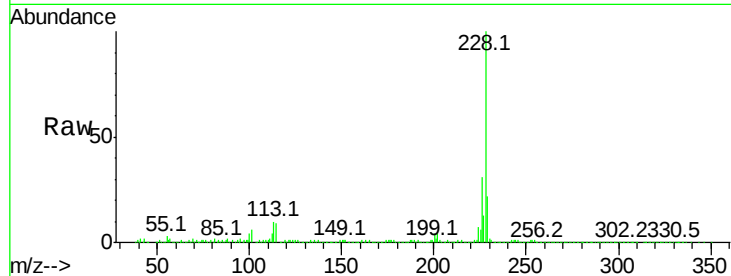




#82
 Chrysene
 Concen: 34.71 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF093205.D
 Acq: 27 Feb 2017 13:31

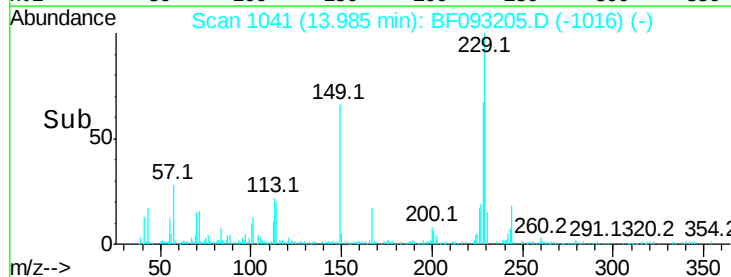
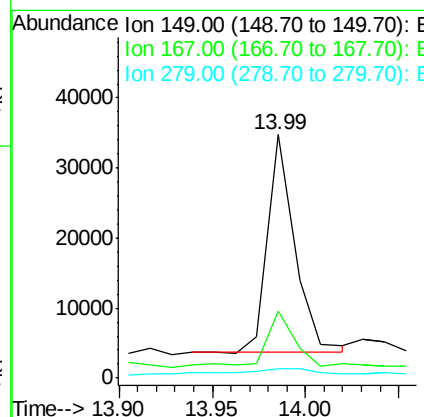
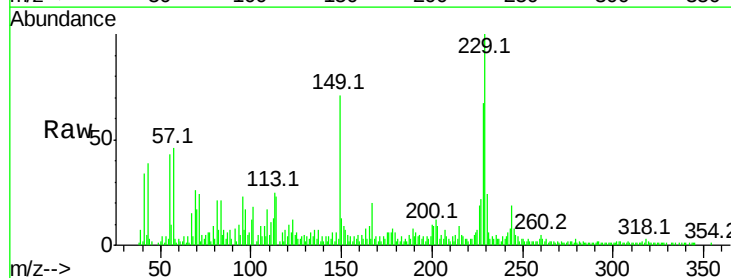
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-4

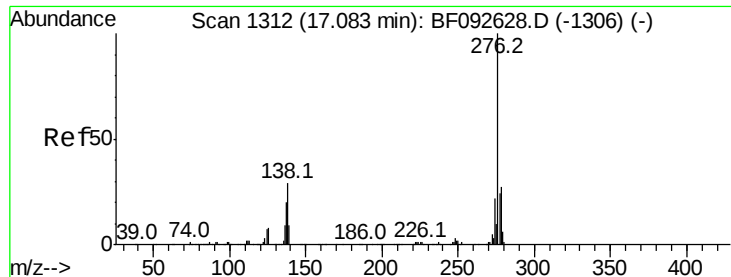
Tot Ion:228 Resp: 605542
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 22.3 16.2 24.2



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.49 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093205.D
 Acq: 27 Feb 2017 13:31

Tgt Ion:149 Resp: 31551
 Ion Ratio Lower Upper
 149 100
 167 27.3 20.2 30.4
 279 3.7 1.8 2.8#

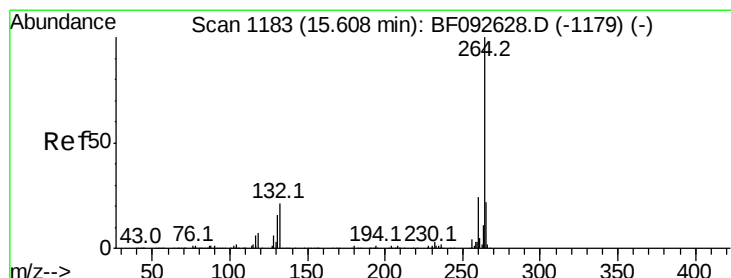
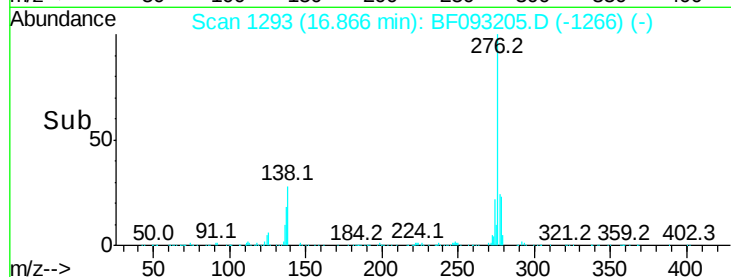
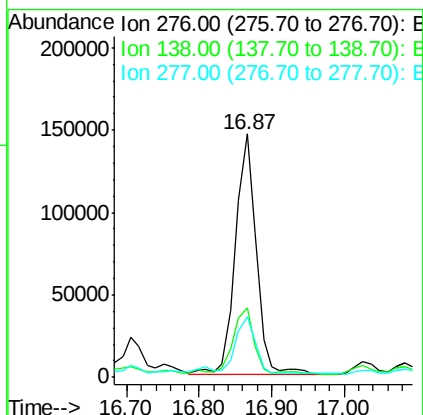
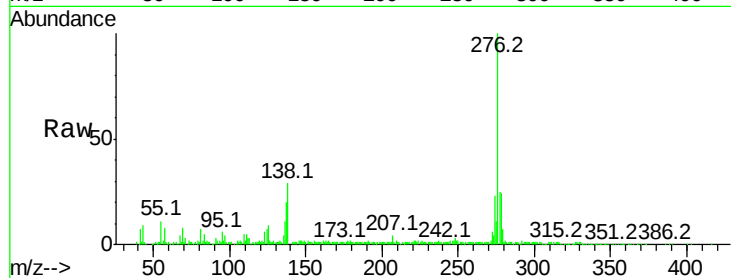




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.70 ng
 RT: 16.87 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF093205.D
 Acq: 27 Feb 2017 13:31

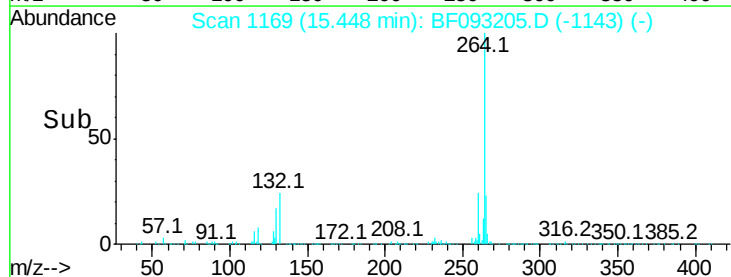
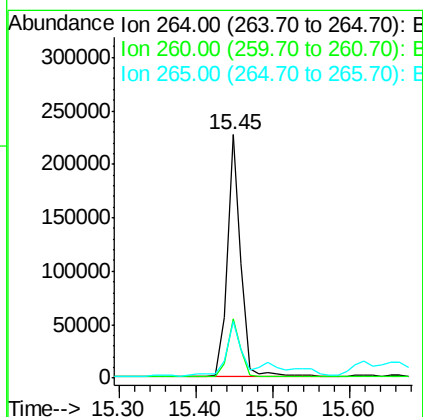
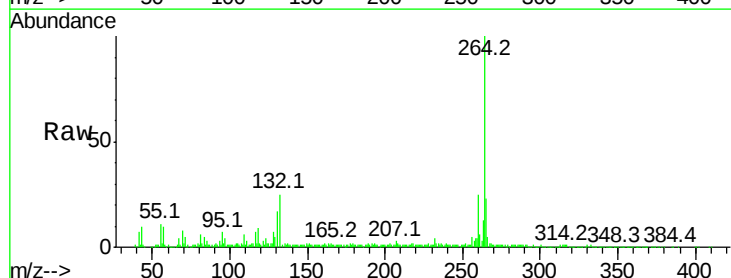
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-4

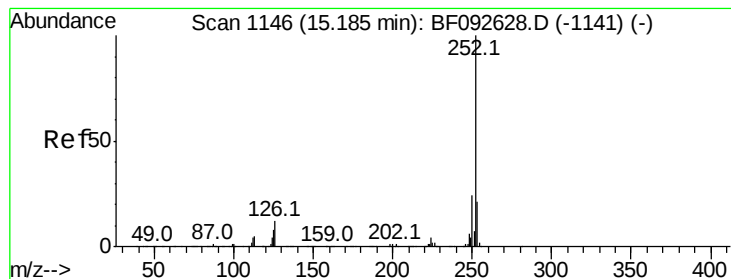
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.8	32.6
277	22.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF093205.D
 Acq: 27 Feb 2017 13:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	23.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 54.05 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-4

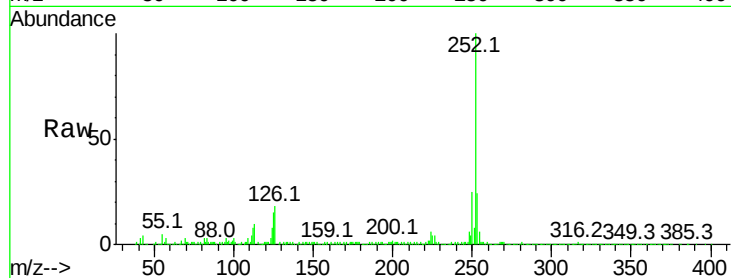
Tot Ion:252 Resp: 1012386

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.4

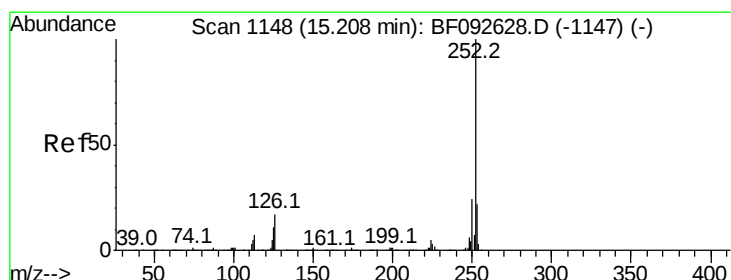
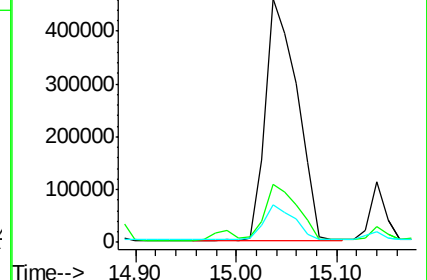
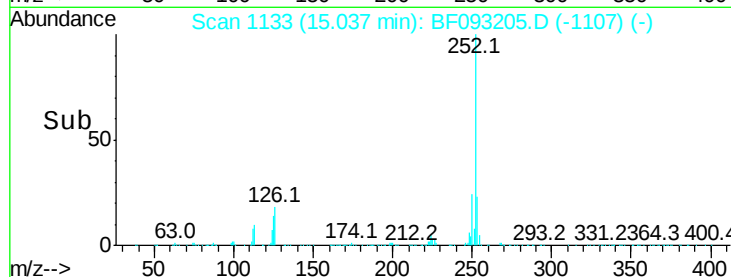
125 15.2 9.8 14.6#



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



#88

Benzo(k)fluoranthene

Concen: 62.60 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.03 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

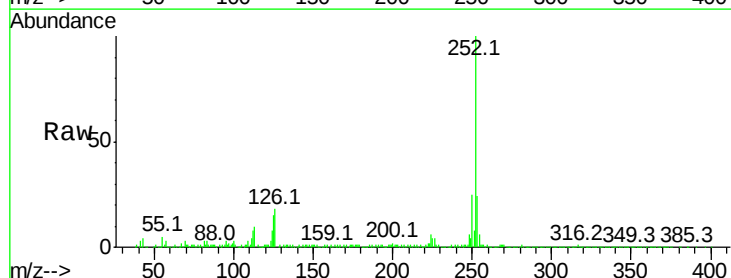
Tgt Ion:252 Resp: 1012386

Ion Ratio Lower Upper

252 100

253 24.0 18.5 27.7

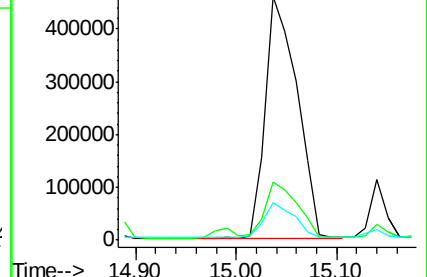
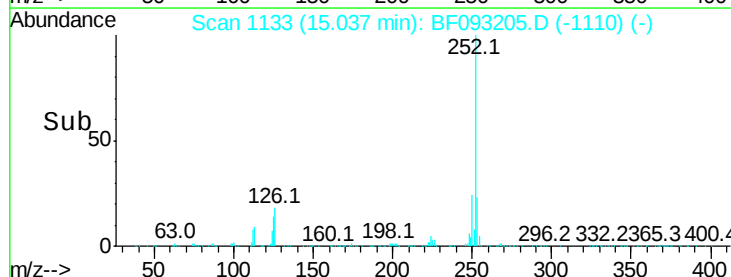
125 15.2 8.9 13.3#

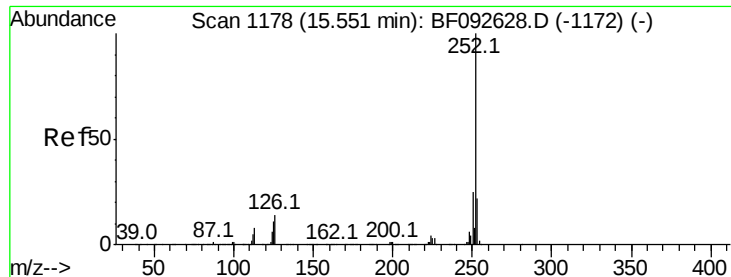


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

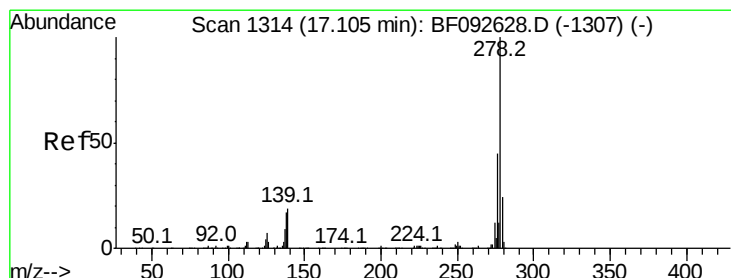
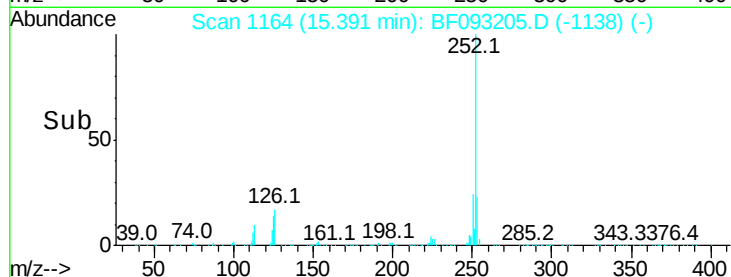
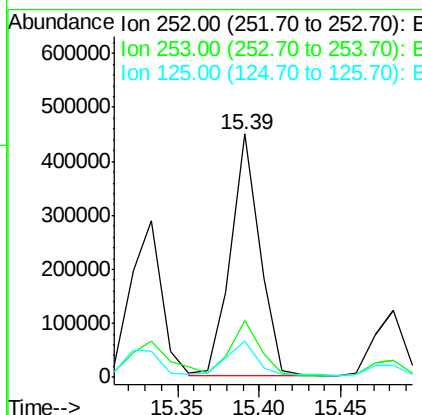
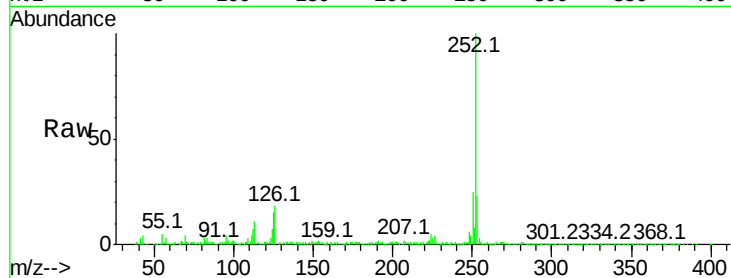




#89
Benzo(a)pyrene
Concen: 34.24 ng
RT: 15.39 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

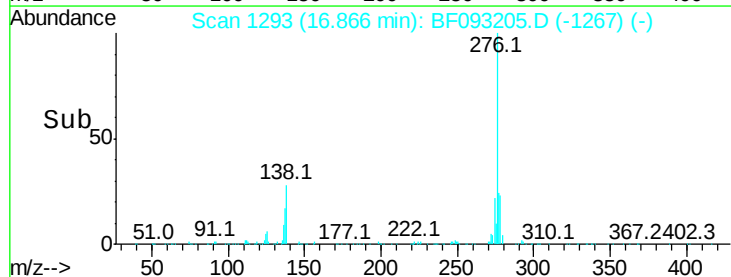
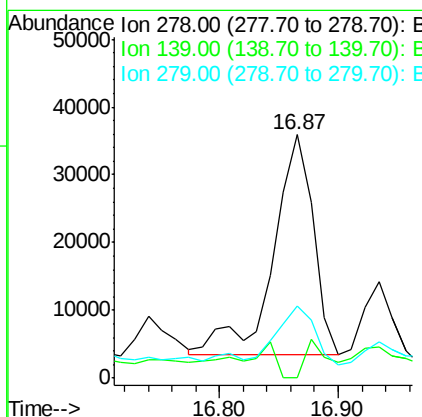
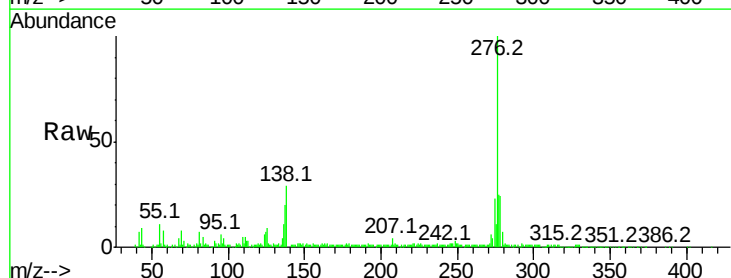
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

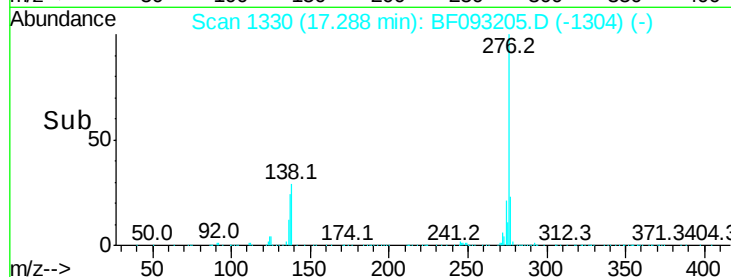
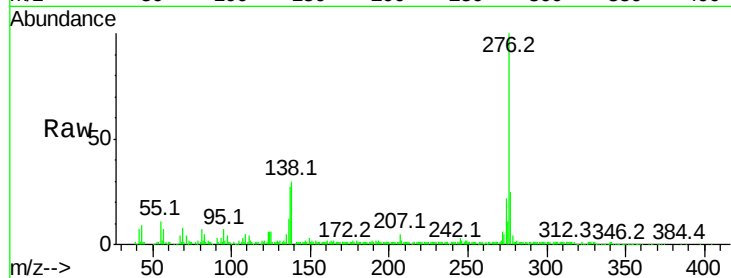
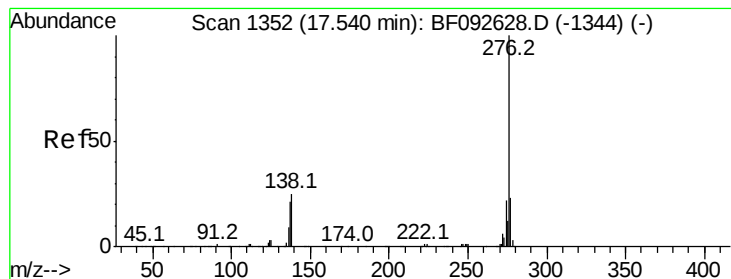
Tot Ion:252 Resp: 554730
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 14.8 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 5.85 ng
RT: 16.87 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:278 Resp: 76549
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 29.7 19.8 29.6#





#91

Benzo(a,h,i)perylene

Concen: 20.33 ng

RT: 17.29 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF093205.D

Acq: 27 Feb 2017 13:31

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-4

Tot Ion:276 Resp: 268903

Ion Ratio Lower Upper

276 100

277 24.9 19.2 28.8

138 29.9 16.0 24.0#

