

Data File : BF093021.D
Acq On : 17 Feb 2017 20:09
Operator : SJ/MA
Sample : I1878-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1-5

Quant Time: Feb 17 22:17:07 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	6.85	152	172423	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	675482	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	366721	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	524779	20.00	ng	0.00
75) Chrysene-d12	14.01	240	300592	20.00	ng	-0.01
86) Perylene-d12	15.45	264	305262	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1077610	107.22	ng	0.01
7) Phenol-d6	6.50	99	1340225	103.64	ng	0.01
23) Nitrobenzene-d5	7.42	82	888424	73.24	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	224193	84.53	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1392195	68.78	ng	0.00
78) Terphenyl-d14	12.96	244	864317	67.56	ng	-0.01

Target Compounds						Qvalue
10) Phenol	6.51	94	139770	9.24	ng	# 66
19) n-Nitroso-di-n-propylamine	7.42	70	130394	15.84	ng	# 78
31) Naphthalene	8.16	128	241953	7.07	ng	99
32) Benzoic acid	7.92	122	5856	8.01	ng	# 64
33) 4-Chloroaniline	8.16	127	34044	2.54	ng	# 35
35) Caprolactam	8.57	113	6141	2.01	ng	# 1
49) Dimethylphthalate	9.61	163	253136	10.25	ng	99
53) 2,4-Dinitrophenol	10.18	184	224	4.81	ng	# 30
64) 4,6-Dinitro-2-methylphenol	10.33	198	322	2.76	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	17369	3.17	ng	# 1
70) Phenanthrene	11.40	178	304013	10.11	ng	98
71) Anthracene	11.45	178	82809	2.74	ng	98
73) Di-n-butylphthalate	11.94	149	203211	6.51	ng	# 97
74) Fluoranthene	12.59	202	487574	15.72	ng	99
77) Pyrene	12.82	202	526269	23.39	ng	98
80) Benzo(a)anthracene	14.01	228	287863	15.66	ng	97
82) Chrysene	14.01	228	287863	16.72	ng	97
85) Indeno(1,2,3-cd)pyrene	16.85	276	167498	12.56	ng	98
87) Benzo(b)fluoranthene	15.04	252	449766	22.38	ng	97
88) Benzo(k)fluoranthene	15.04	252	449766	25.93	ng	# 97
89) Benzo(a)pyrene	15.39	252	265950	15.30	ng	99
90) Dibenzo(a,h)anthracene	16.85	278	40460	2.88	ng	# 79
91) Benzo(g,h,i)perylene	17.28	276	172295	12.14	ng	# 92

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

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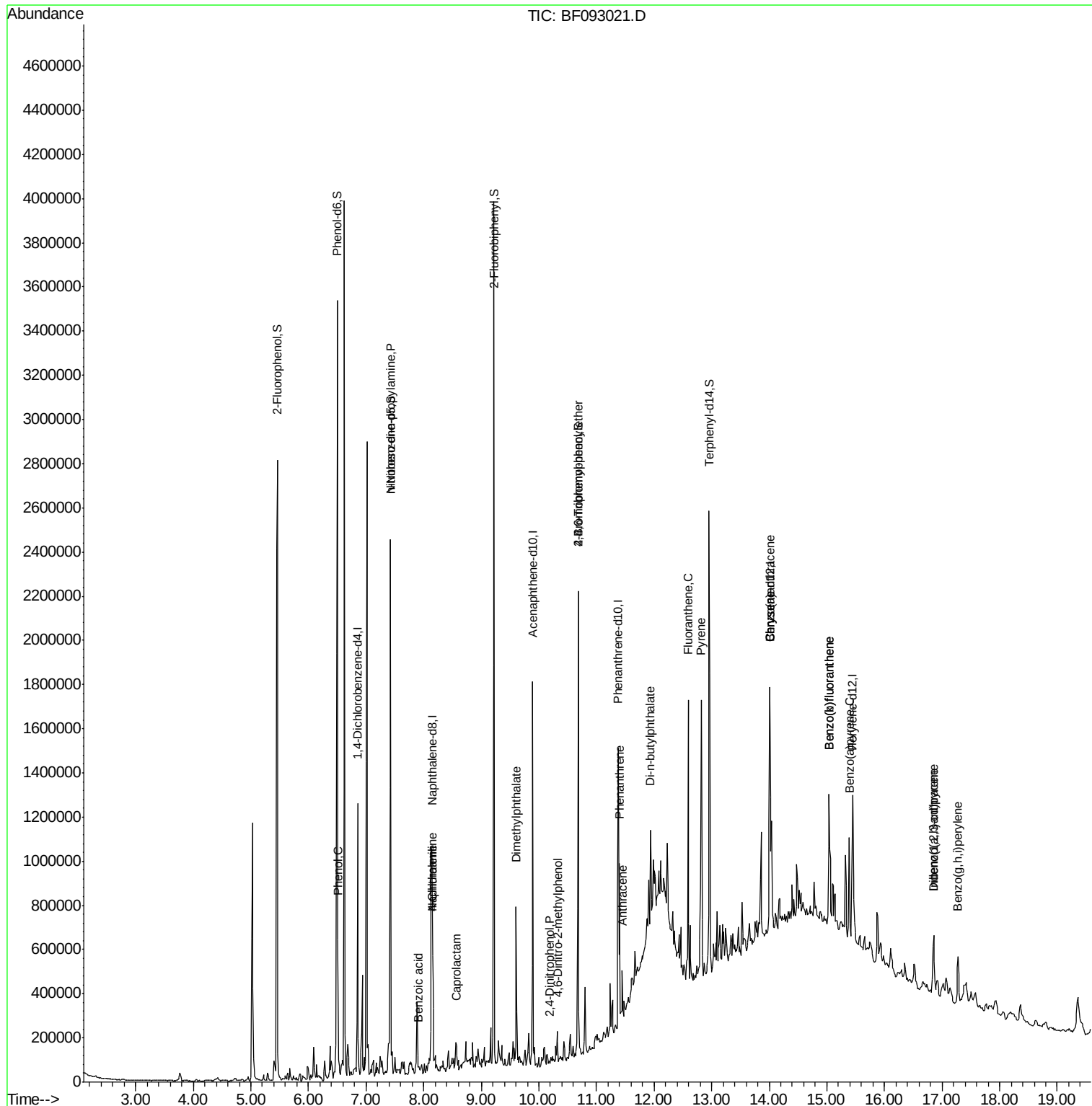
Quant Time: Feb 17 22:17:07 2017

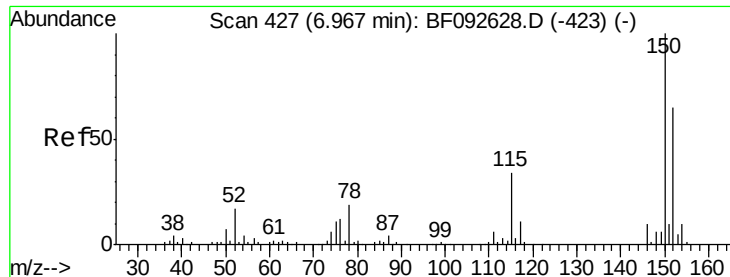
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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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: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

Instrument :

BNA_F

ClientSampleId :

B1-5

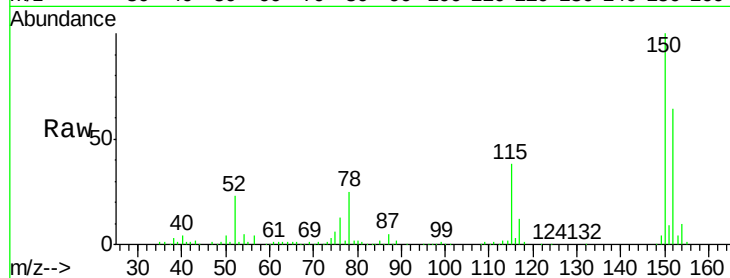
Tgt Ion:152 Resp: 172423

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

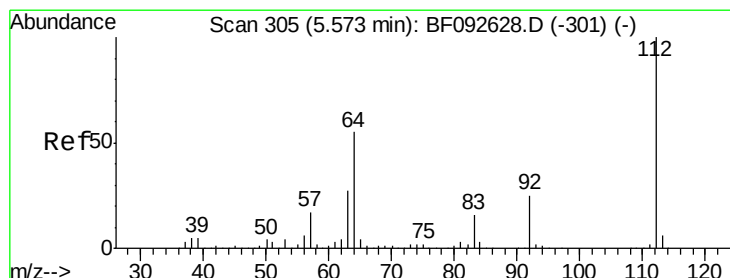
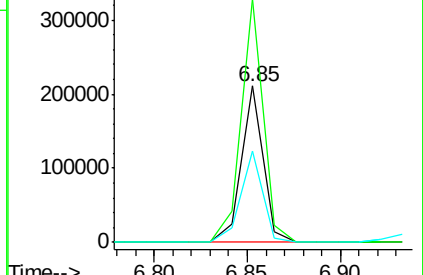
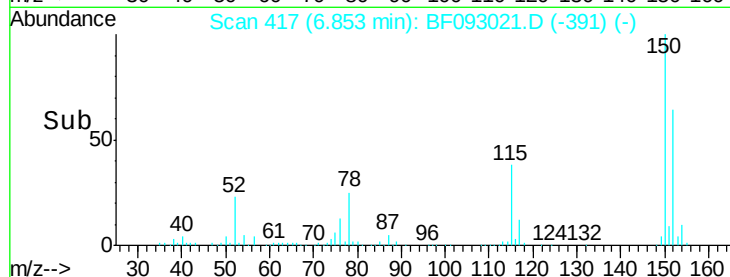
115 58.6 46.0 69.0



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: 107.22 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

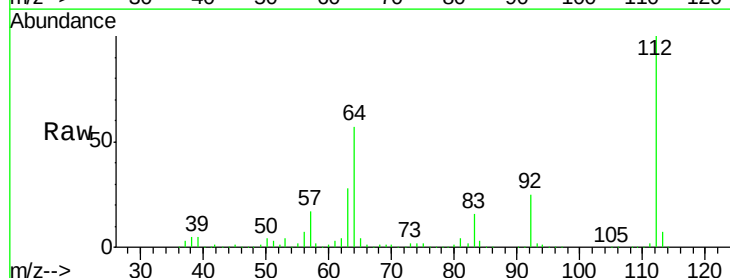
Tgt Ion:112 Resp: 1077610

Ion Ratio Lower Upper

112 100

64 56.9 46.1 69.1

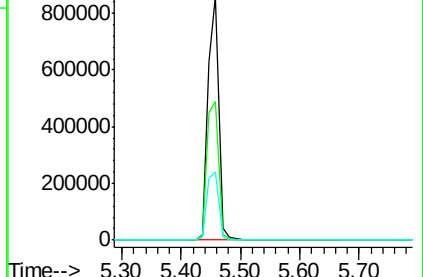
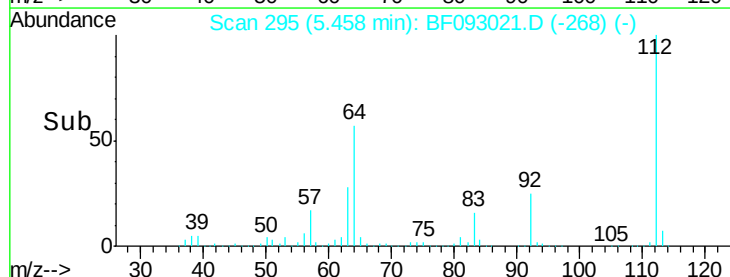
63 28.0 23.8 35.6

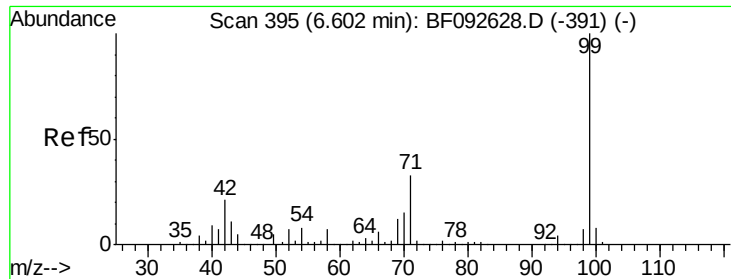


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.64 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

Instrument :

BNA_F

ClientSampleId :

B1-5

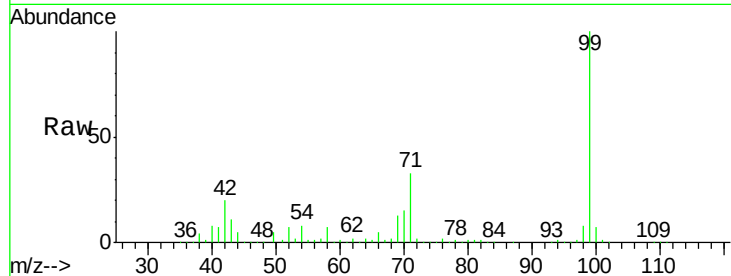
Tgt Ion: 99 Resp: 1340225

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

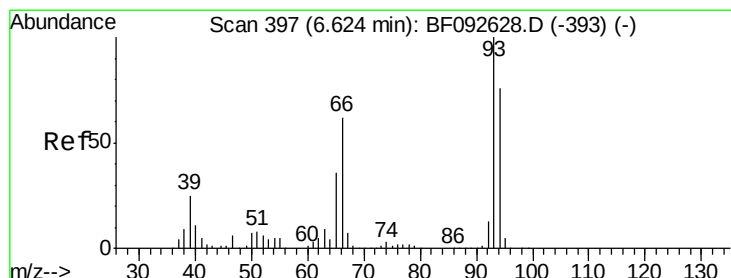
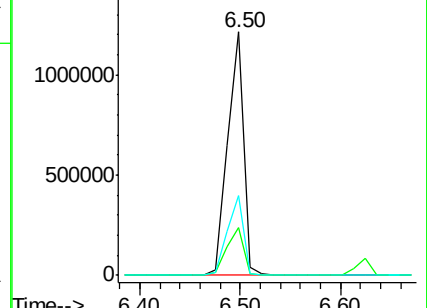
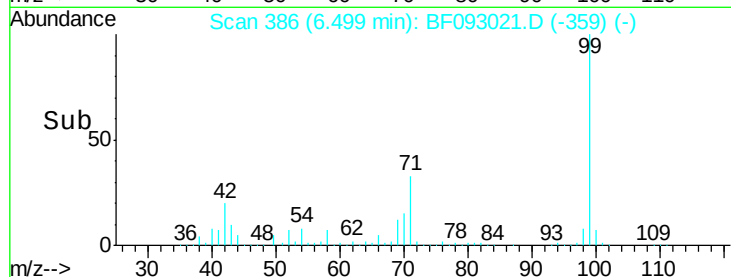
71 32.7 27.5 41.3



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: 9.24 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

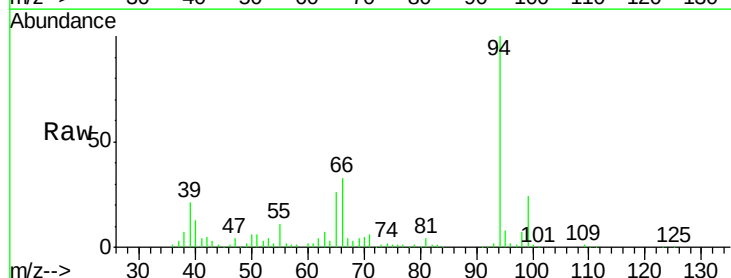
Tgt Ion: 94 Resp: 139770

Ion Ratio Lower Upper

94 100

65 25.9 21.4 61.4

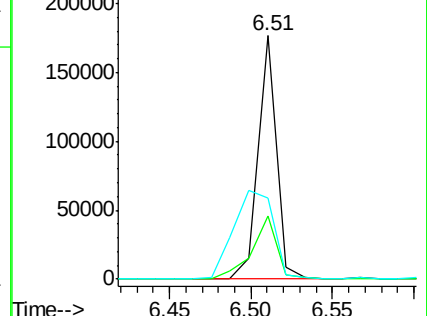
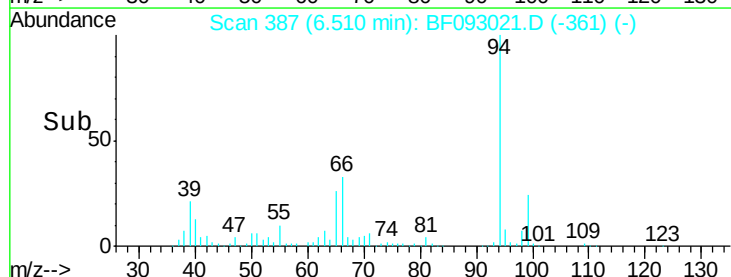
66 33.2 44.0 84.0#

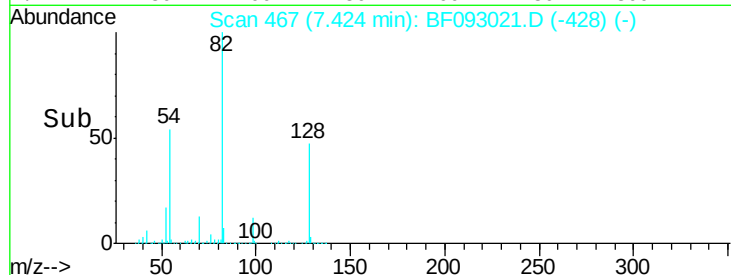
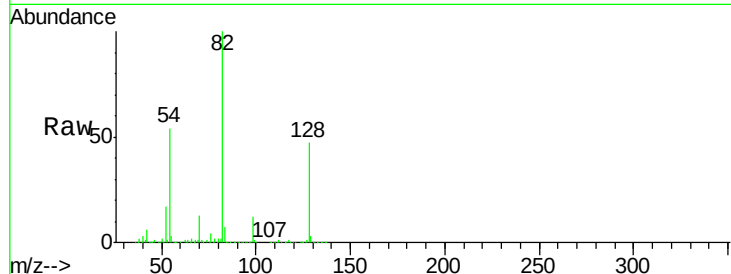
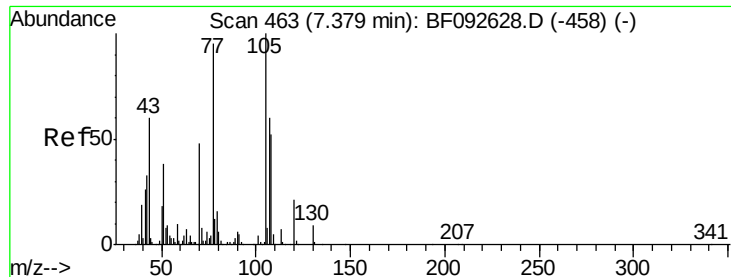


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

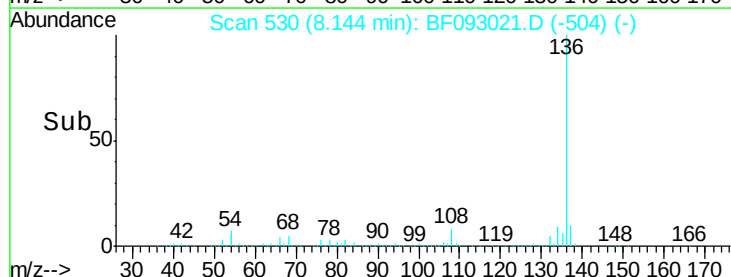
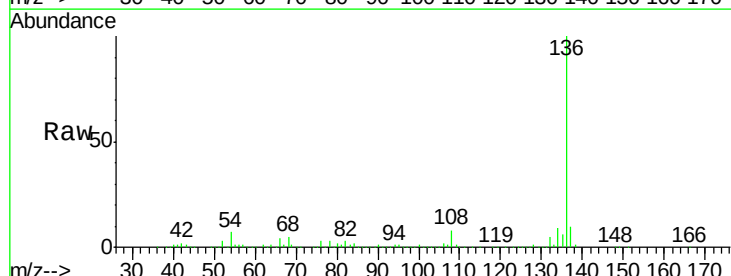
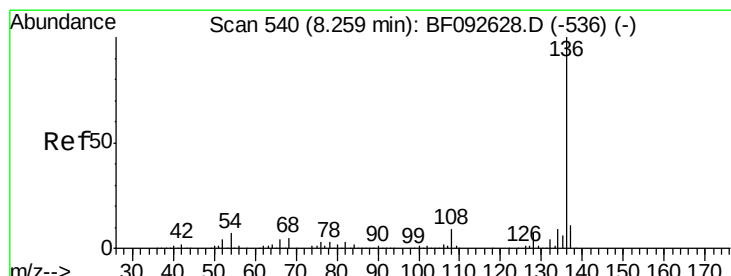
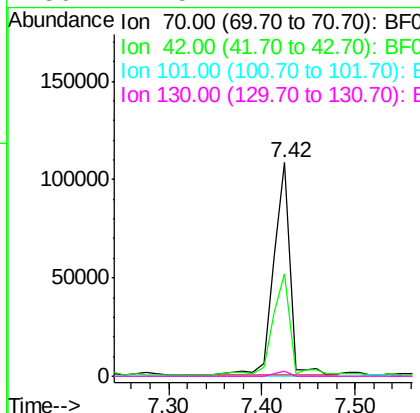




#19
n-Nitroso-di-n-propylamine
Concen: 15.84 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.15 min
Lab File: BF093021.D
Acq: 17 Feb 2017 20:09

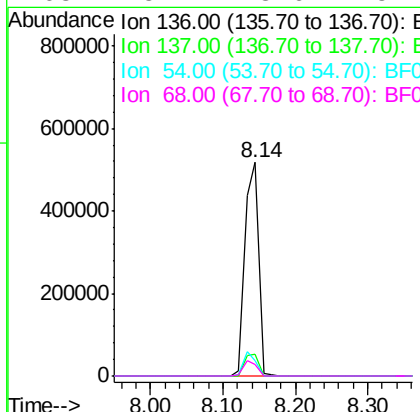
Instrument :
BNA_F
ClientSampleId :
B1-5

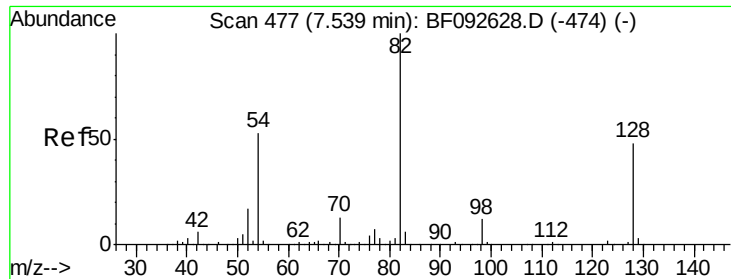
Tgt Ion:	70	Resp:	130394
Ion	Ratio	Lower	Upper
70	100		
42	48.2	49.4	74.0#
101	0.0	7.4	11.2#
130	2.5	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF093021.D
Acq: 17 Feb 2017 20:09

Tgt Ion:	136	Resp:	675482
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	6.9	4.5	6.7#
68	5.2	3.6	5.4

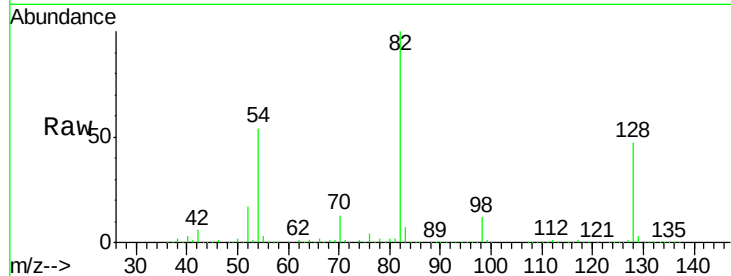




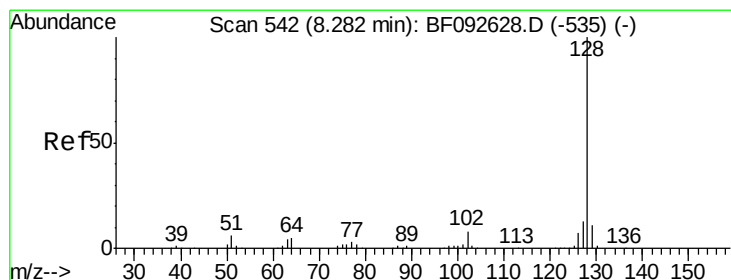
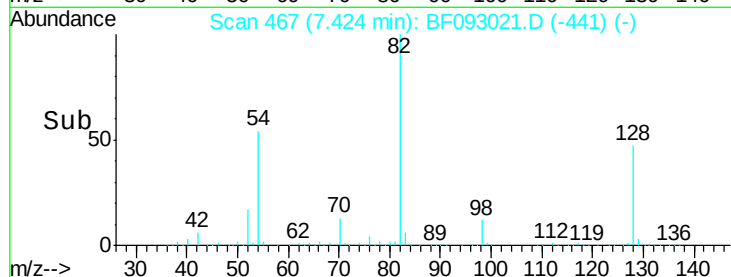
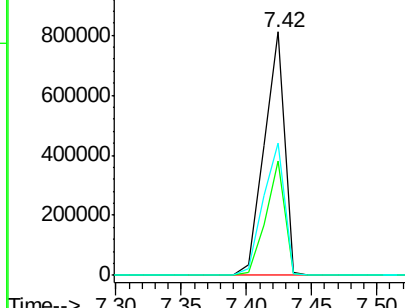
#23
Nitrobenzene-d5
Concen: 73.24 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF093021.D
Acq: 17 Feb 2017 20:09

Instrument :
BNA_F
ClientSampleId :
B1-5

Tgt Ion: 82 Resp: 888424
Ion Ratio Lower Upper
82 100
128 46.9 34.6 52.0
54 54.1 39.5 59.3

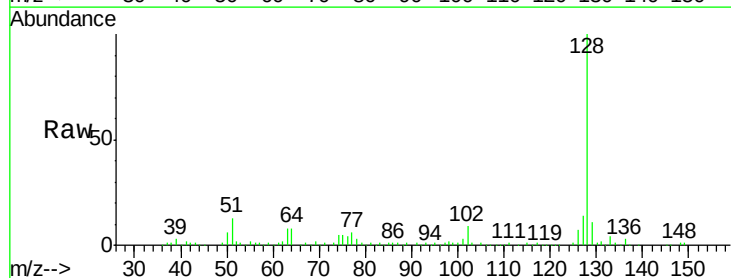


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

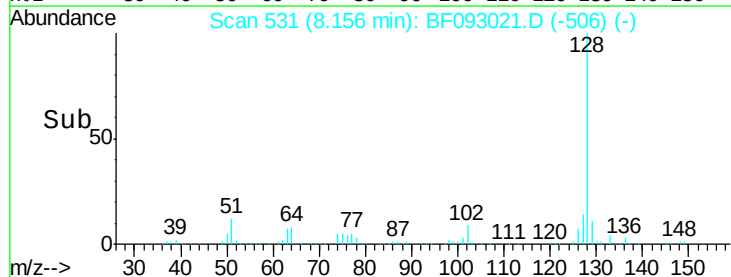
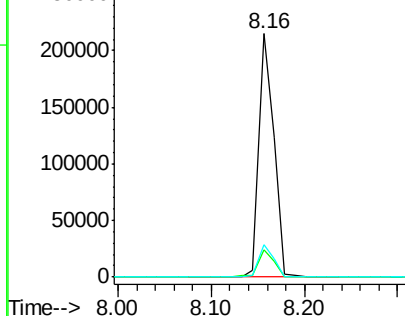


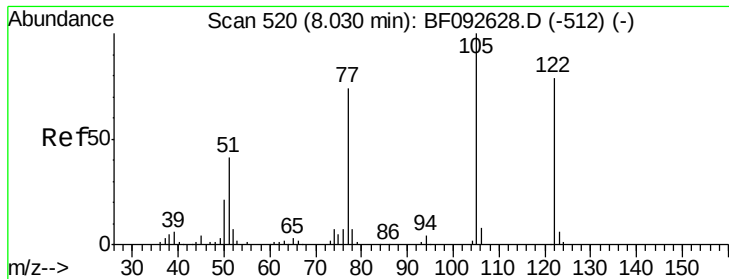
#31
Naphthalene
Concen: 7.07 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF093021.D
Acq: 17 Feb 2017 20:09

Tgt Ion: 128 Resp: 241953
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.5 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: 8.01 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

Instrument :

BNA_F

ClientSampled :

B1-5

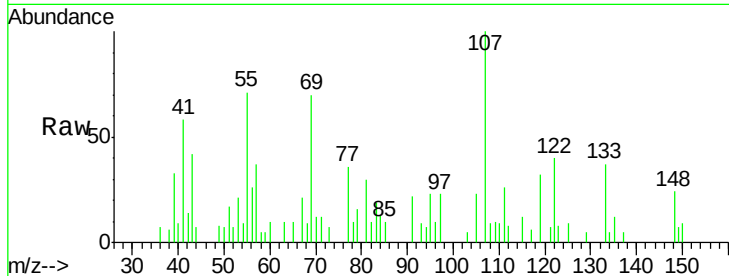
Tgt Ion:122 Resp: 5856

Ion Ratio Lower Upper

122 100

105 57.6 107.2 147.2#

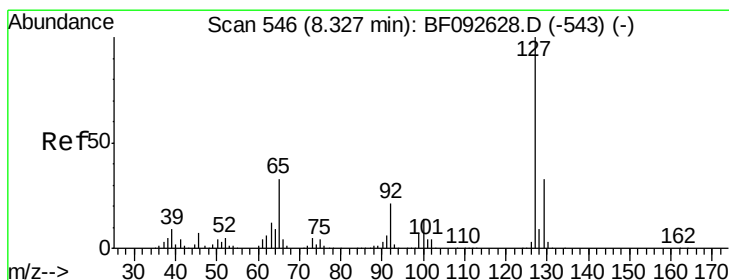
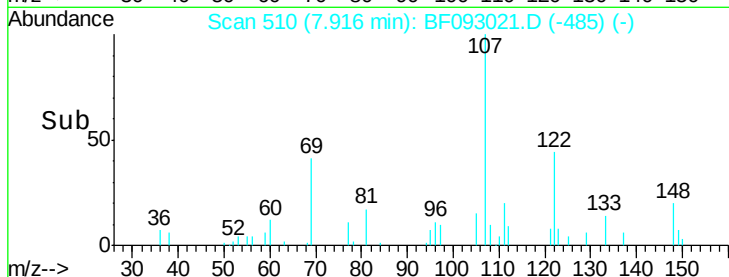
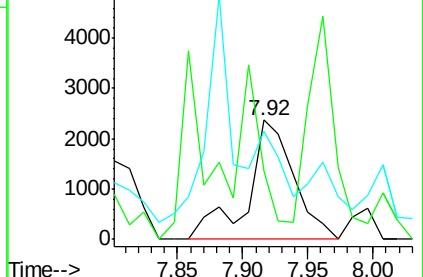
77 90.6 74.5 114.5



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



#33

4-Chloroaniline

Concen: 2.54 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.06 min

Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

Tgt Ion:127 Resp: 34044

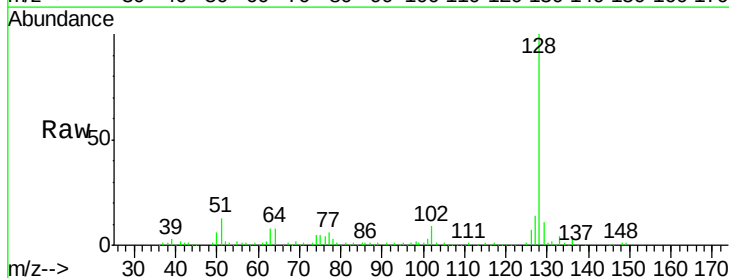
Ion Ratio Lower Upper

127 100

129 83.6 26.3 39.5#

65 0.0 25.8 38.8#

92 2.8 16.1 24.1#

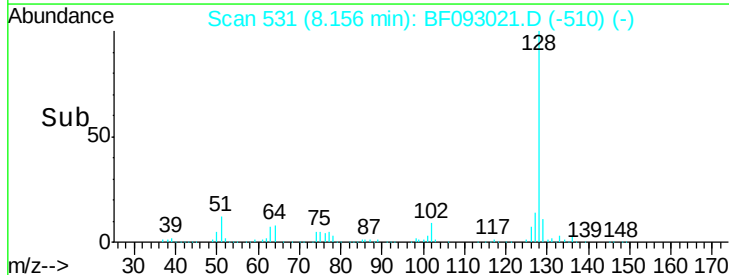
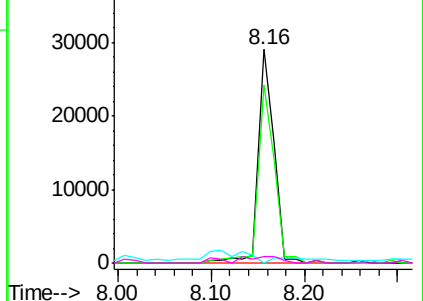


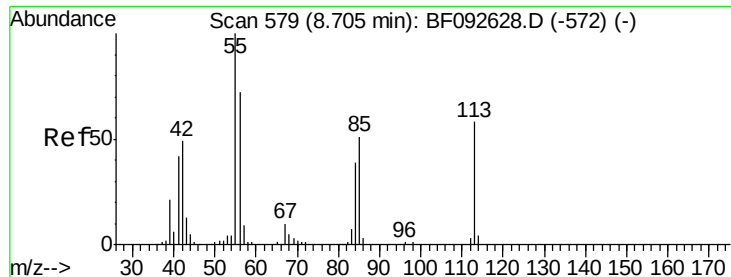
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

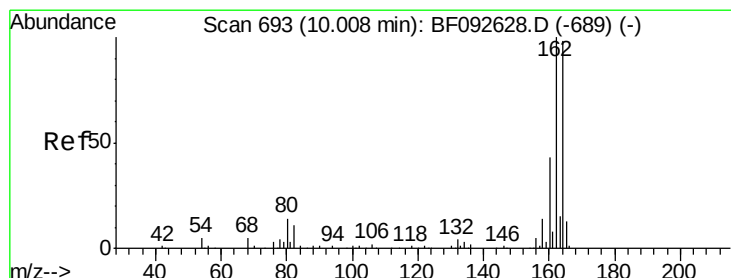
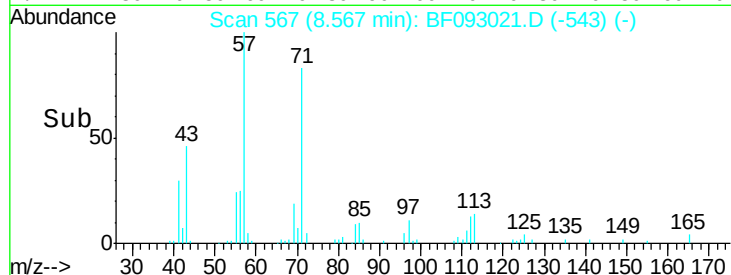
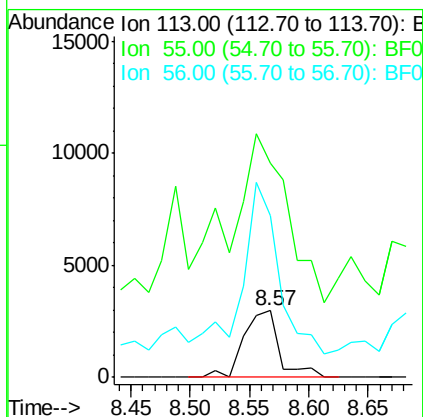
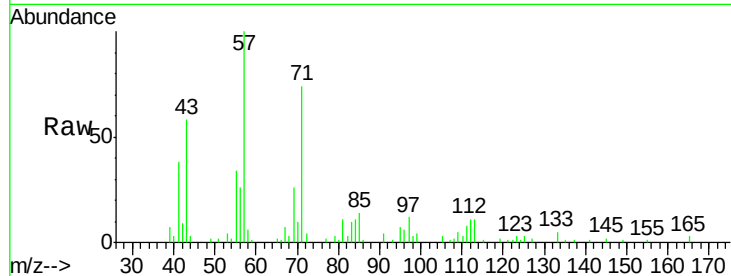




#35
 Caprolactam
 Concen: 2.01 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BF093021.D
 Acq: 17 Feb 2017 20:09

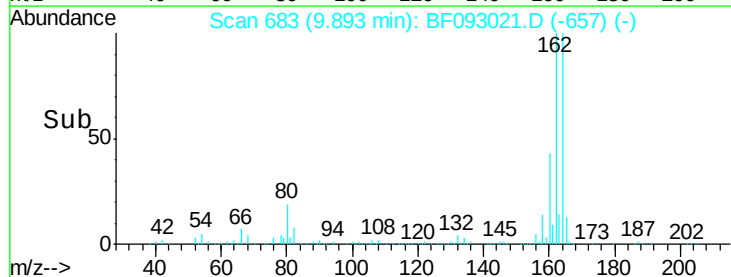
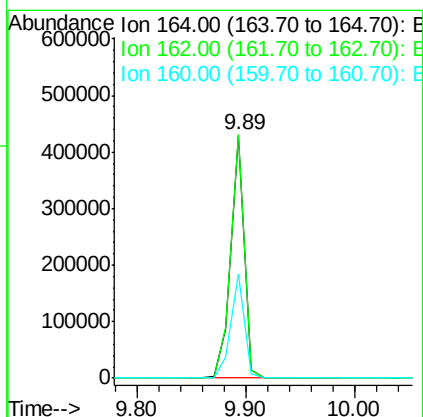
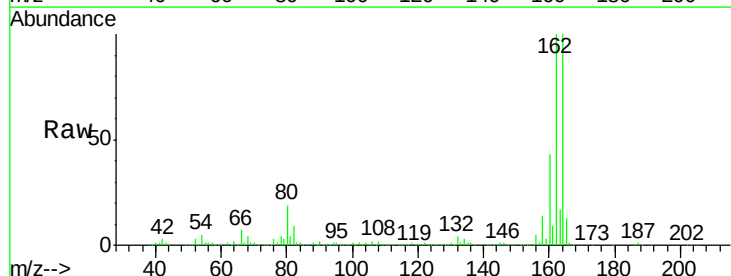
Instrument :
 BNA_F
 ClientSampleID :
 B1-5

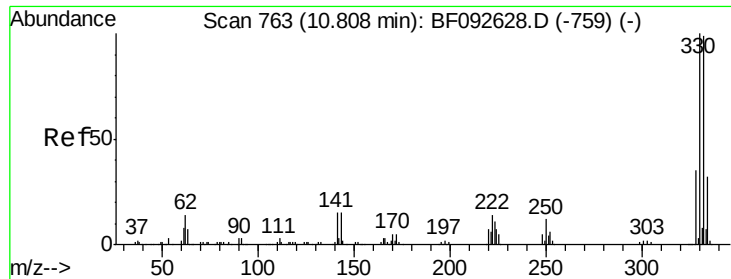
Tgt Ion:113 Resp: 6141
 Ion Ratio Lower Upper
 113 100
 55 321.1 119.2 159.2#
 56 242.3 83.8 123.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF093021.D
 Acq: 17 Feb 2017 20:09

Tgt Ion:164 Resp: 366721
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.2 120.2
 160 42.8 36.9 55.3

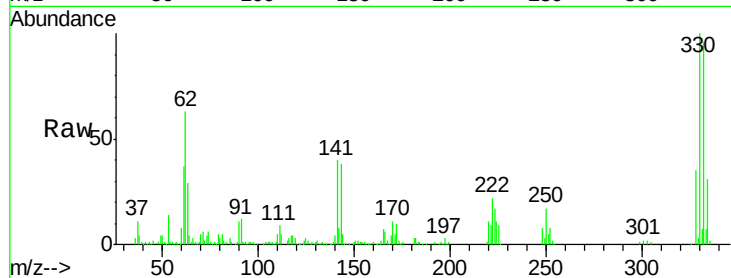




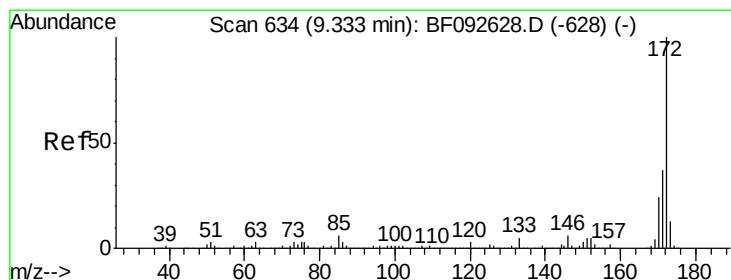
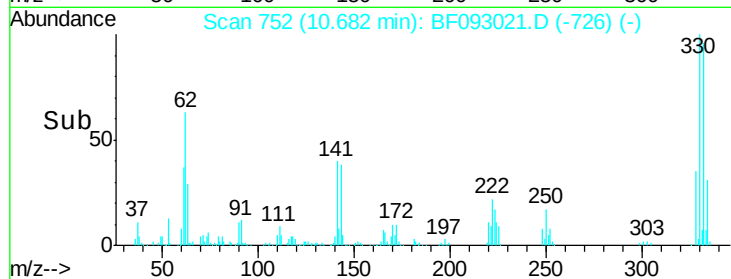
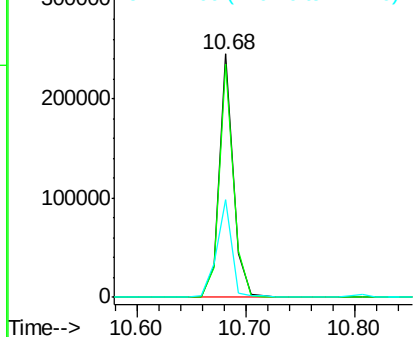
#41
 2,4,6-Tribromophenol
 Concen: 84.53 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093021.D
 Acq: 17 Feb 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 B1-5

Tgt Ion:330 Resp: 224193
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 42.9 34.1 51.1

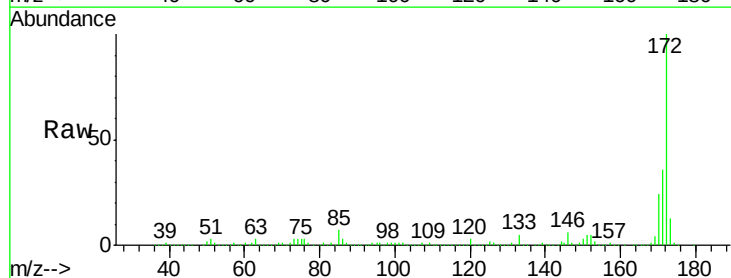


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

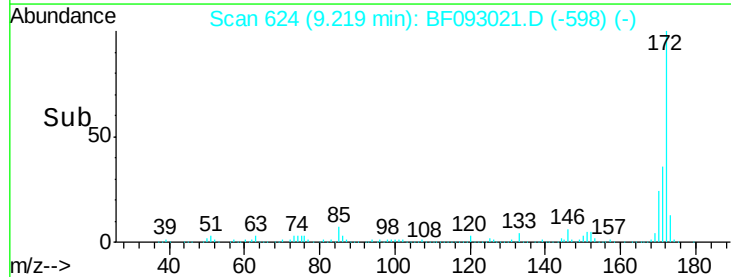
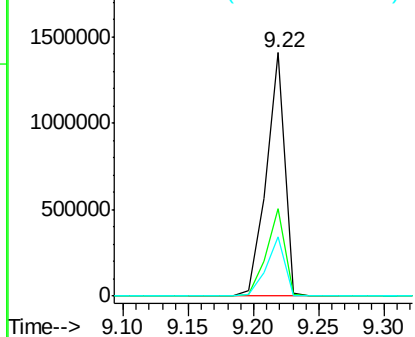


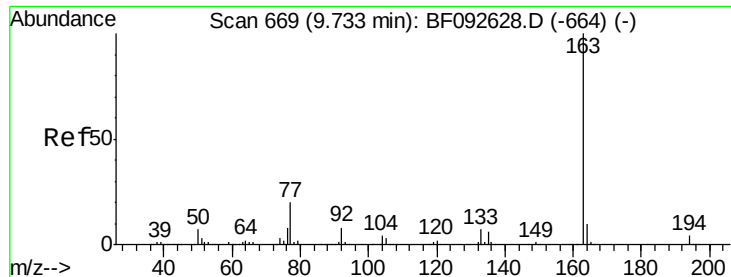
#44
 2-Fluorobiphenyl
 Concen: 68.78 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093021.D
 Acq: 17 Feb 2017 20:09

Tgt Ion:172 Resp: 1392195
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.4 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

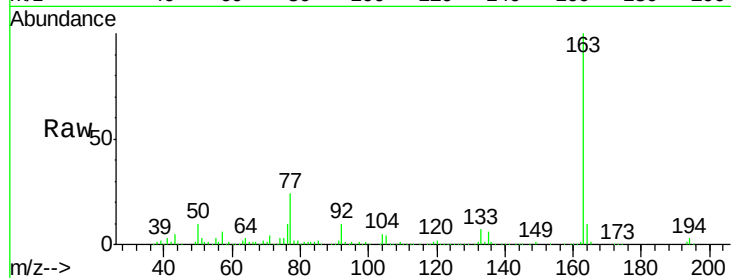




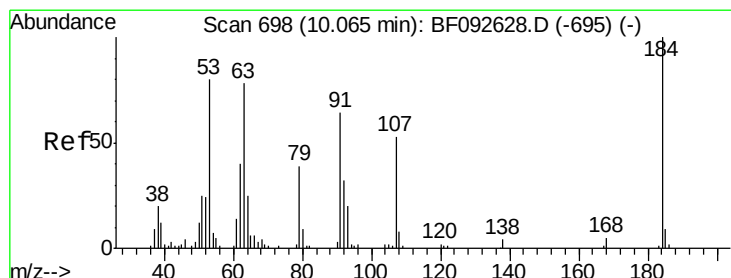
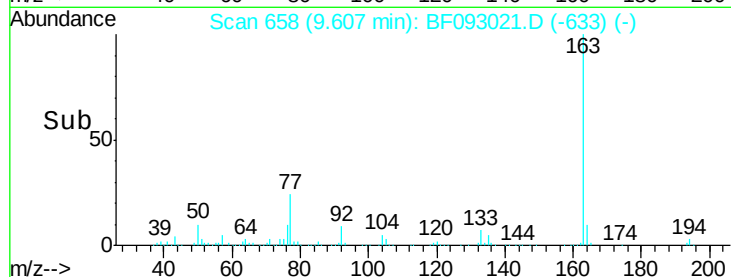
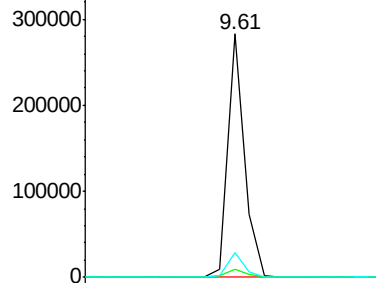
#49
Dimethylphthalate
Concen: 10.25 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093021.D
Acq: 17 Feb 2017 20:09

Instrument :
BNA_F
ClientSampleId :
B1-5

Tgt Ion:163 Resp: 253136
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.2 8.0 12.0

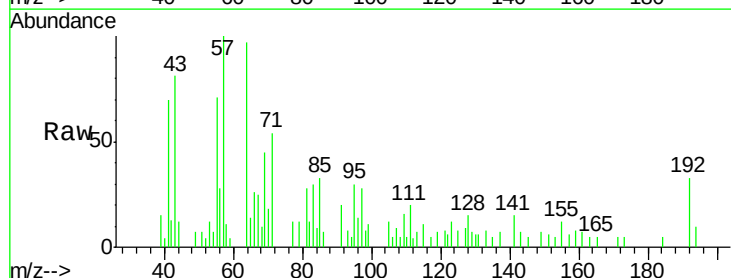


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

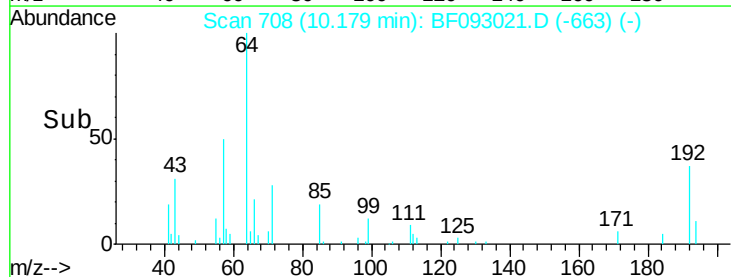
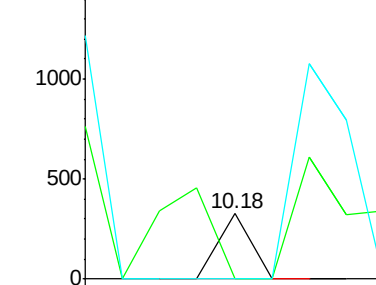


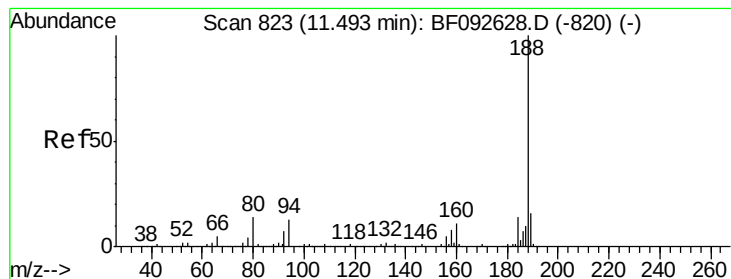
#53
2,4-Dinitrophenol
Concen: 4.81 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.22 min
Lab File: BF093021.D
Acq: 17 Feb 2017 20:09

Tgt Ion:184 Resp: 224
Ion Ratio Lower Upper
184 100
63 0.0 28.4 42.6#
154 0.0 44.3 66.5#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

Instrument :

BNA_F

ClientSampleId :

B1-5

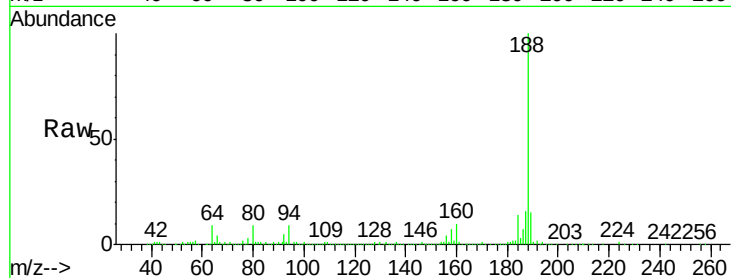
Tgt Ion:188 Resp: 524779

Ion Ratio Lower Upper

188 100

94 8.6 10.0 15.0#

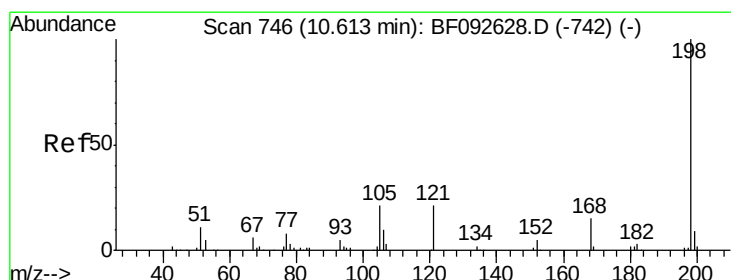
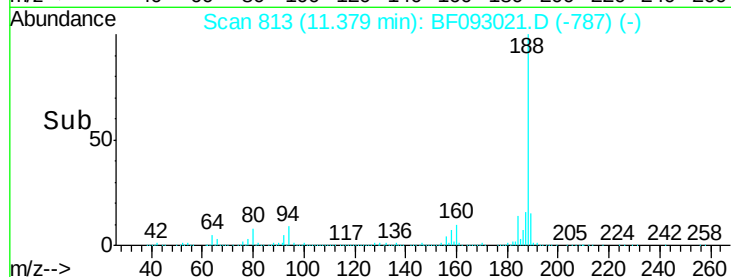
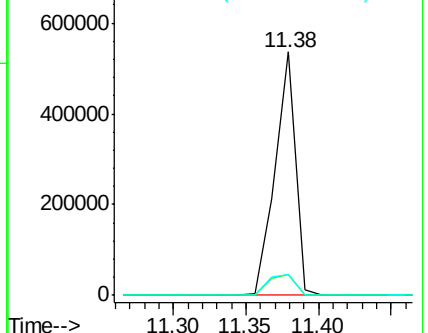
80 8.6 11.2 16.8#



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: 2.76 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.17 min

Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

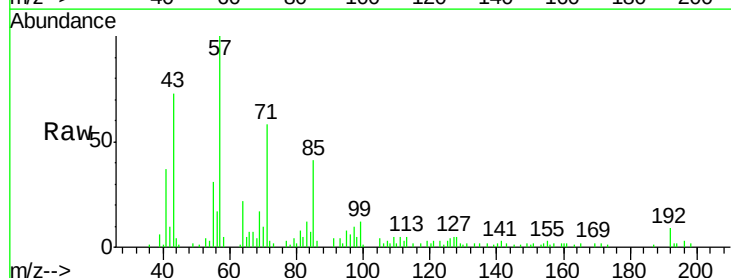
Tgt Ion:198 Resp: 322

Ion Ratio Lower Upper

198 100

51 78.3 6.7 46.7#

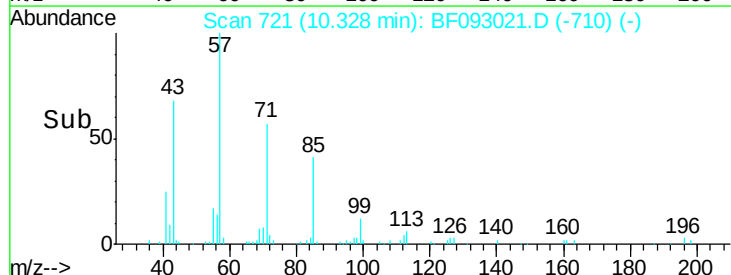
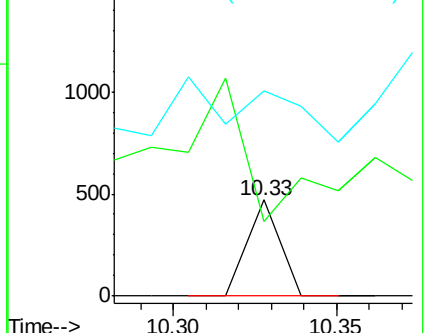
105 213.6 16.6 56.6#

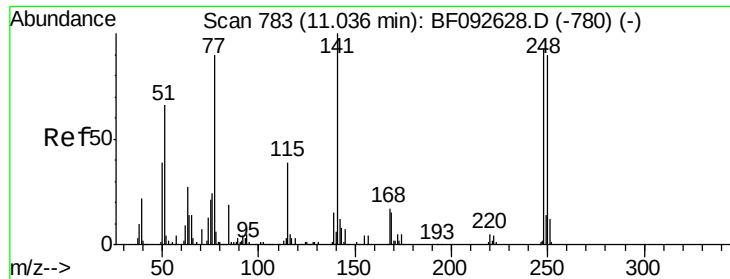


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

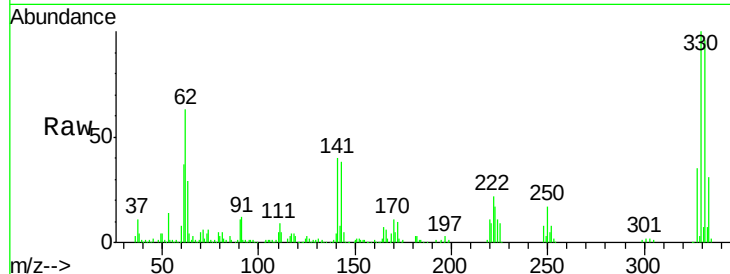




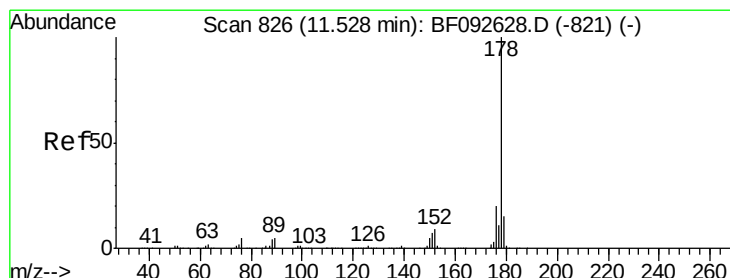
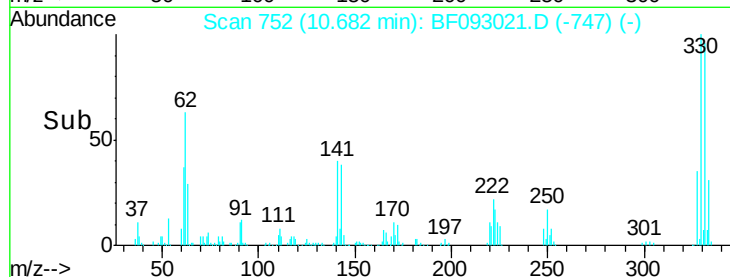
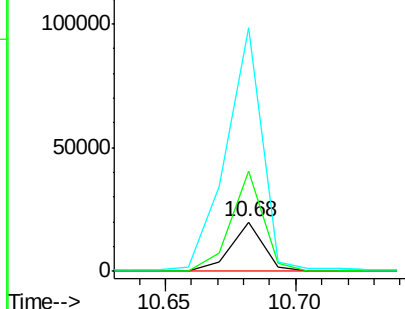
#66
 4-Bromophenyl-phenylether
 Concen: 3.17 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.24 min
 Lab File: BF093021.D
 Acq: 17 Feb 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 B1-5

Tgt Ion: 248 Resp: 17369
 Ion Ratio Lower Upper
 248 100
 250 203.4 76.9 115.3#
 141 492.0 68.2 102.4#

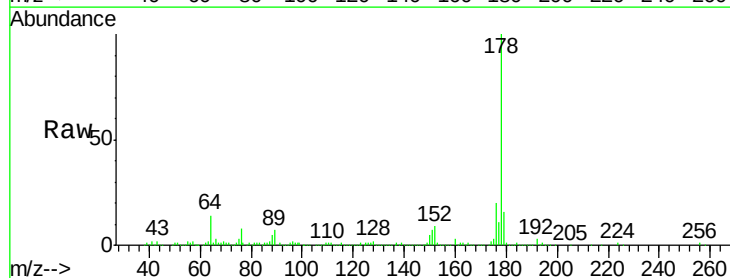


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

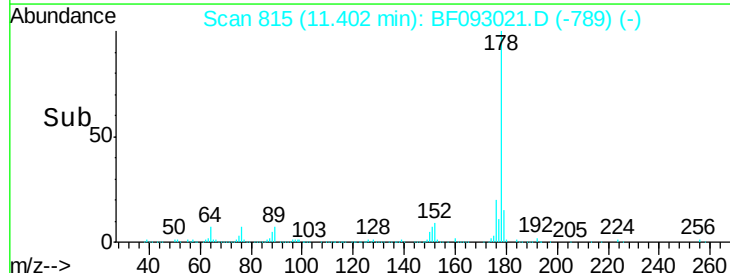
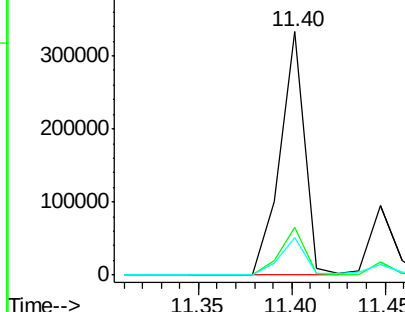


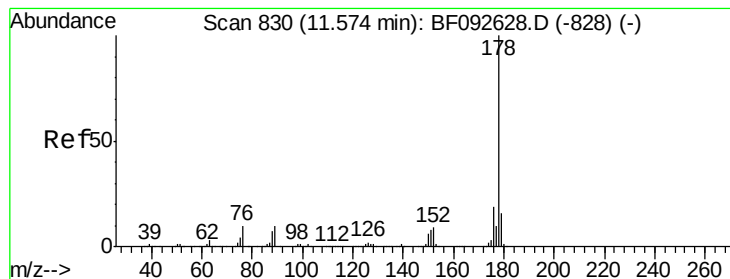
#70
 Phenanthrene
 Concen: 10.11 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF093021.D
 Acq: 17 Feb 2017 20:09

Tgt Ion: 178 Resp: 304013
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.6 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: 2.74 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

Instrument :

BNA_F

ClientSampleId :

B1-5

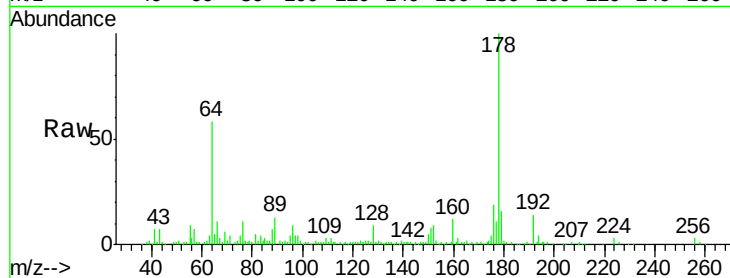
Tgt Ion:178 Resp: 82809

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

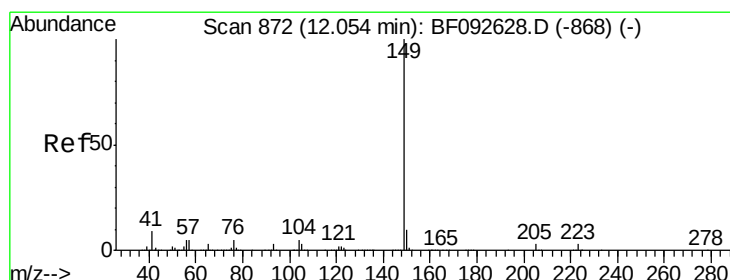
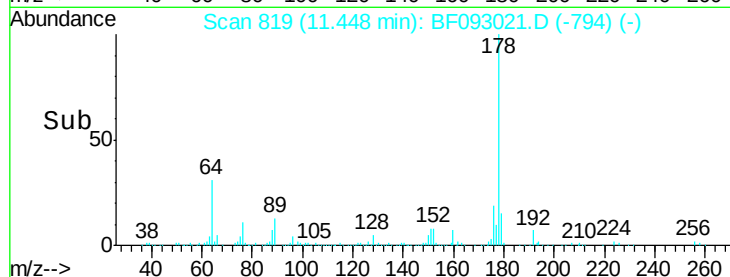
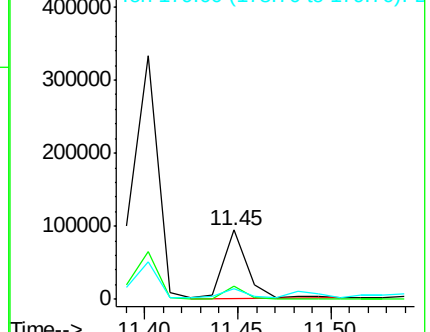
179 16.0 13.2 19.8



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



#73

Di-n-butylphthalate

Concen: 6.51 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

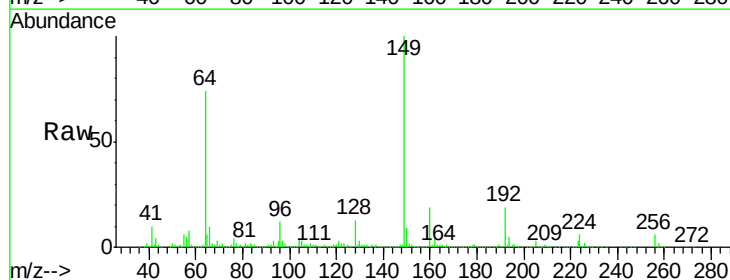
Tgt Ion:149 Resp: 203211

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

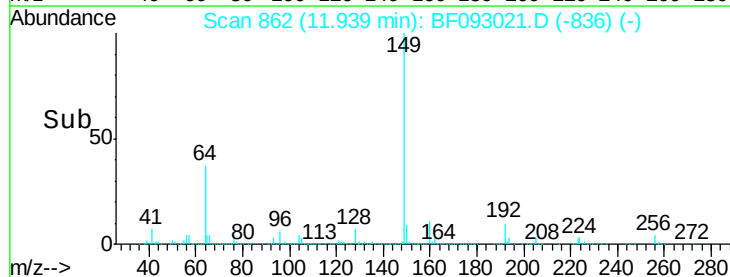
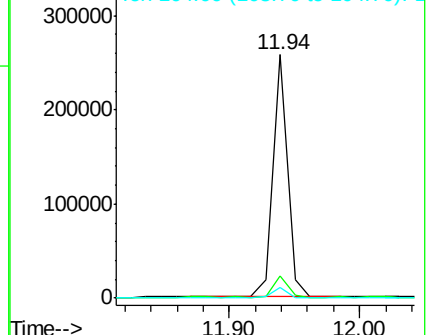
104 4.4 4.6 7.0#

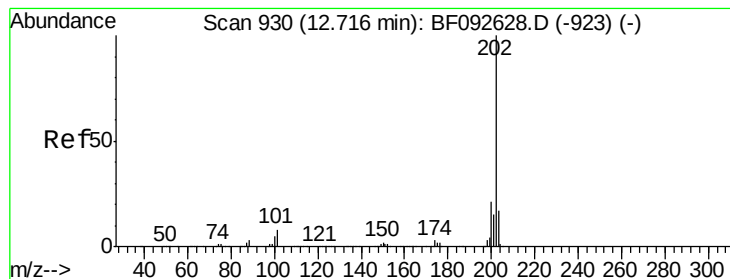


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 15.72 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

Instrument :

BNA_F

ClientSampleId :

B1-5

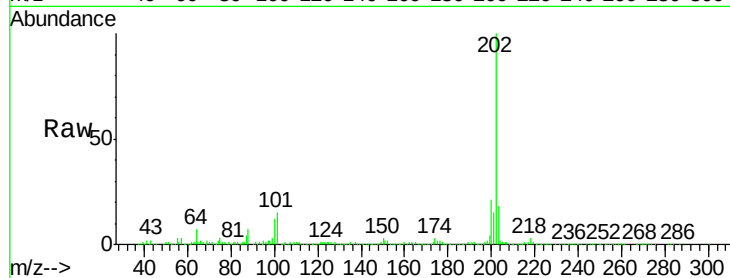
Tgt Ion:202 Resp: 487574

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.6

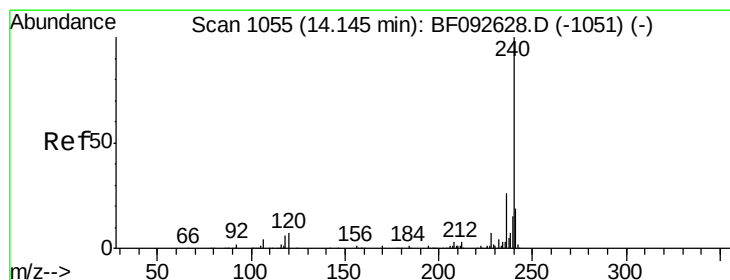
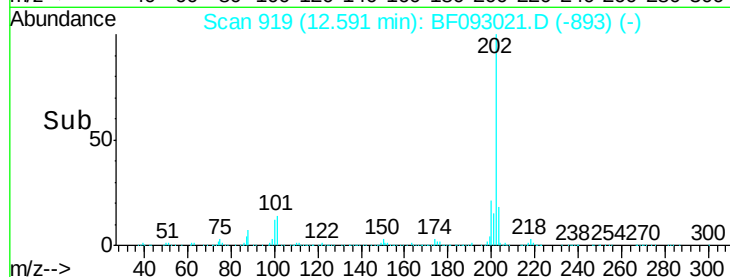
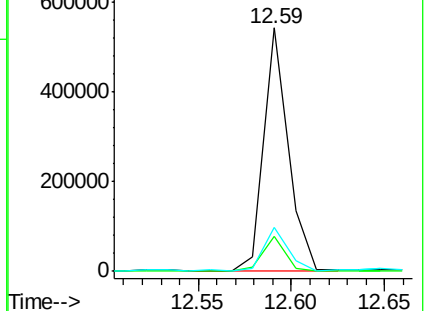
203 17.9 0.0 38.7



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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

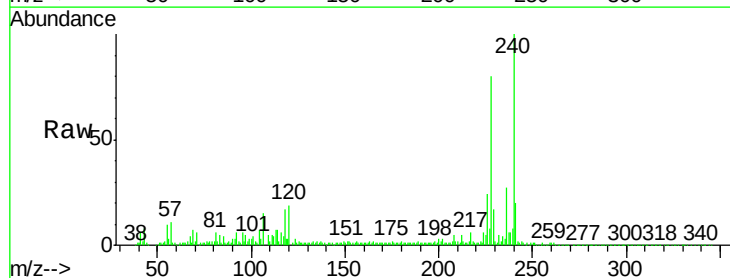
Tgt Ion:240 Resp: 300592

Ion Ratio Lower Upper

240 100

120 19.3 12.9 19.3

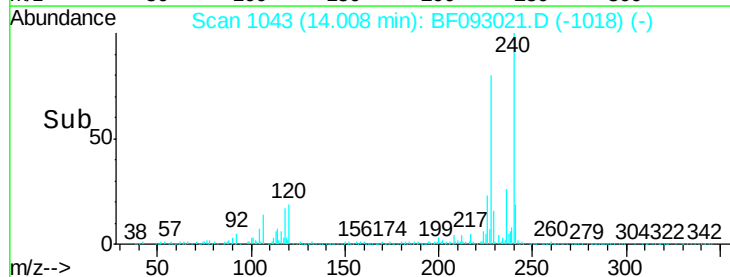
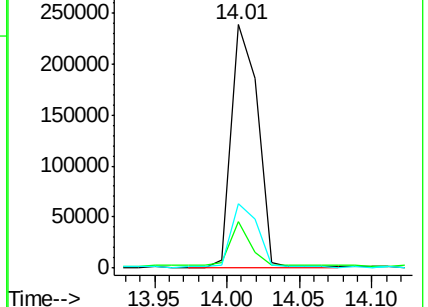
236 26.6 20.9 31.3

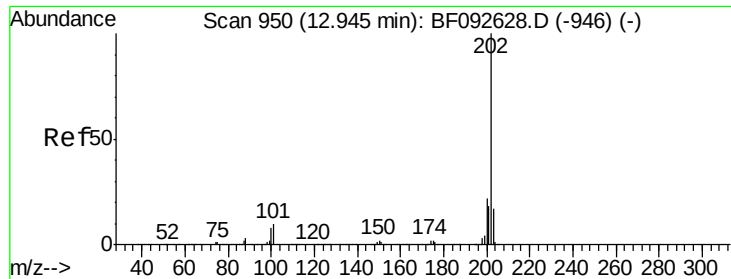


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 23.39 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

Instrument :

BNA_F

ClientSampleId :

B1-5

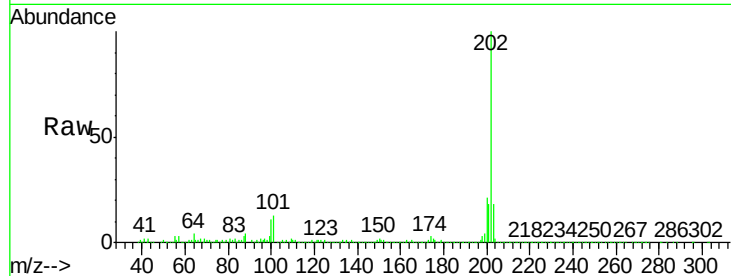
Tgt Ion:202 Resp: 526269

Ion Ratio Lower Upper

202 100

200 21.0 17.7 26.5

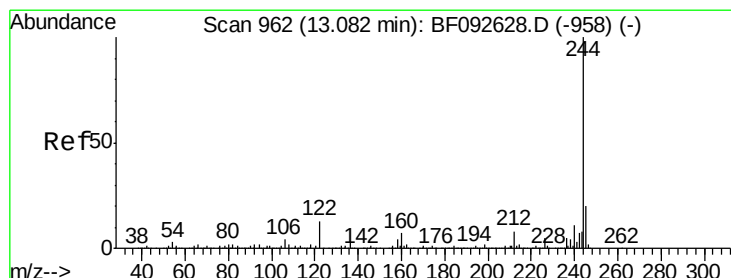
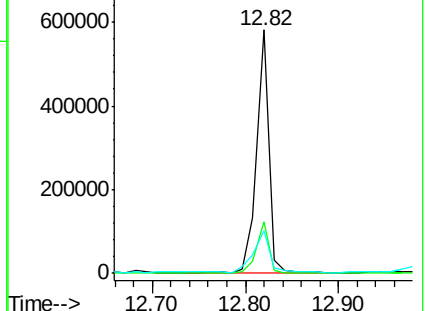
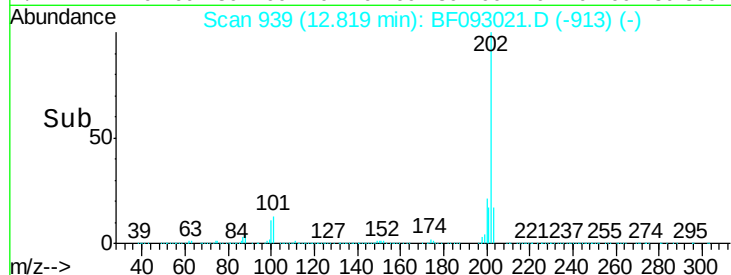
203 17.6 14.7 22.1



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: 67.56 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

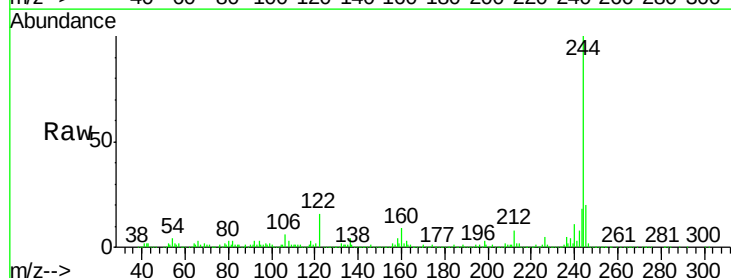
Tgt Ion:244 Resp: 864317

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

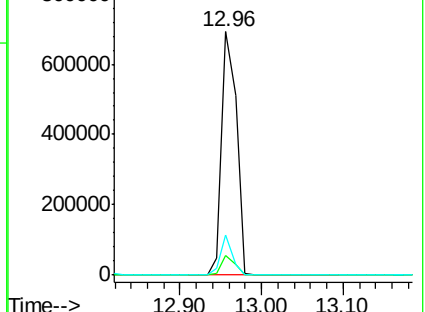
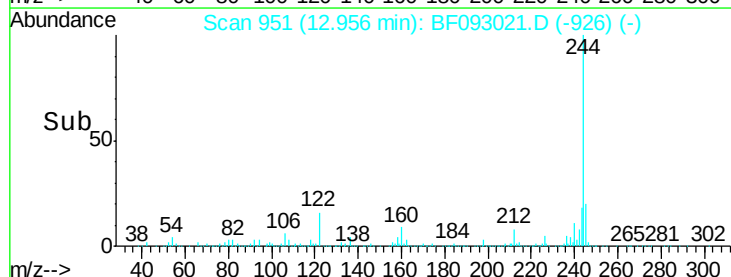
122 16.5 11.4 17.2

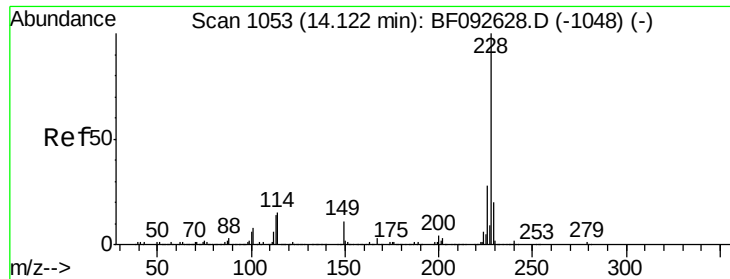


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 15.66 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

Instrument :

BNA_F

ClientSampleId :

B1-5

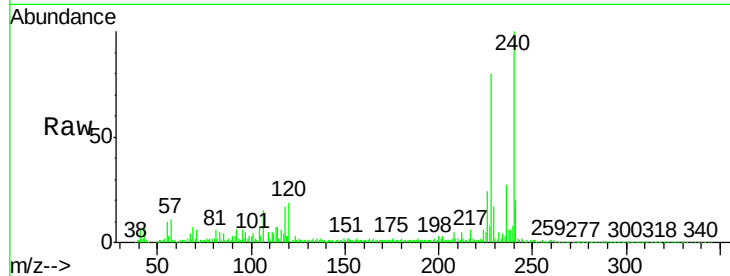
Tgt Ion:228 Resp: 287863

Ion Ratio Lower Upper

228 100

226 30.0 22.4 33.6

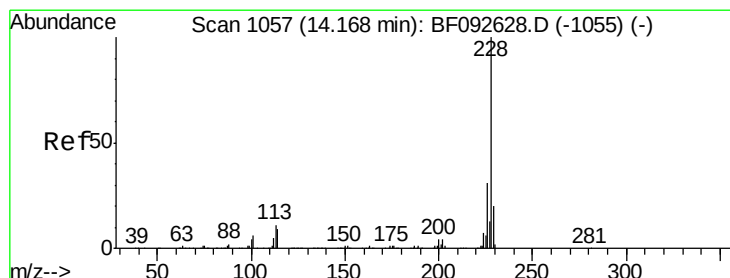
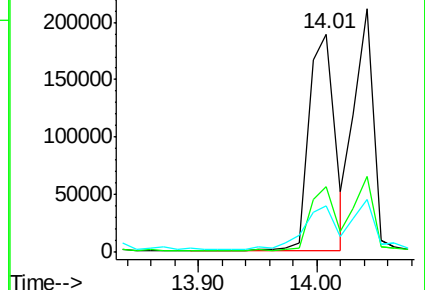
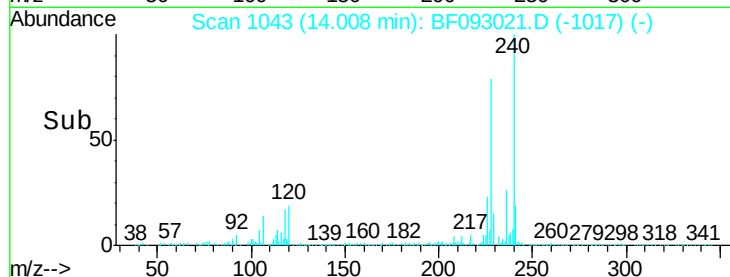
229 21.4 16.2 24.4



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: 16.72 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

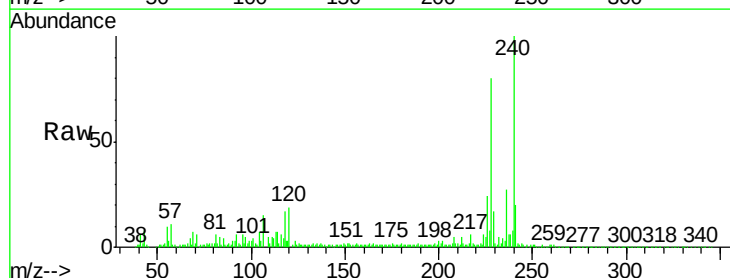
Tgt Ion:228 Resp: 287863

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.0

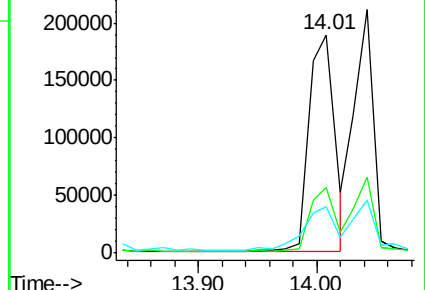
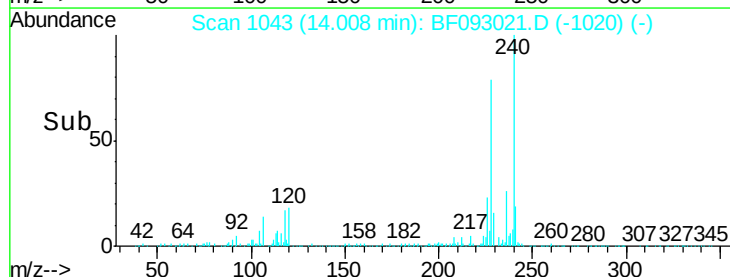
229 21.4 16.2 24.2

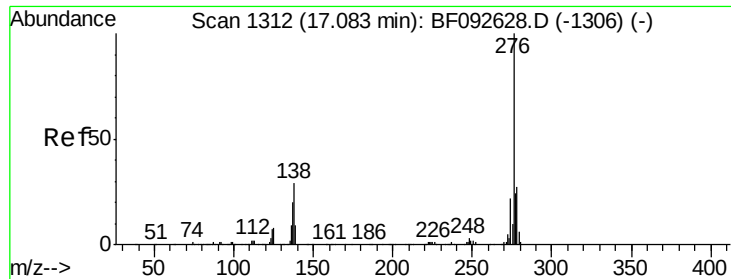


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

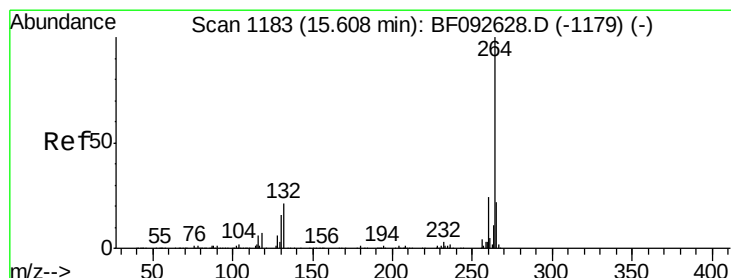
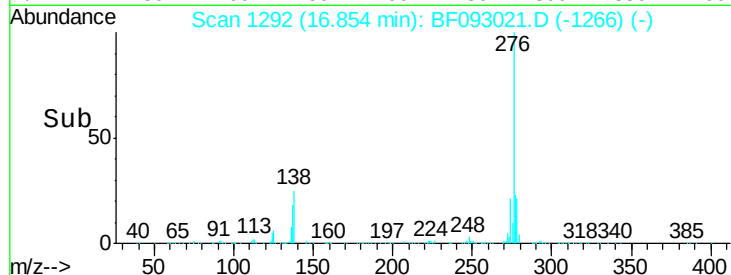
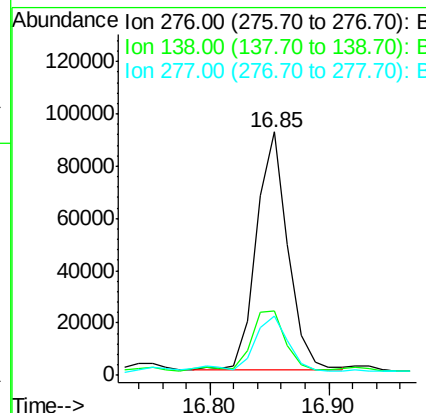
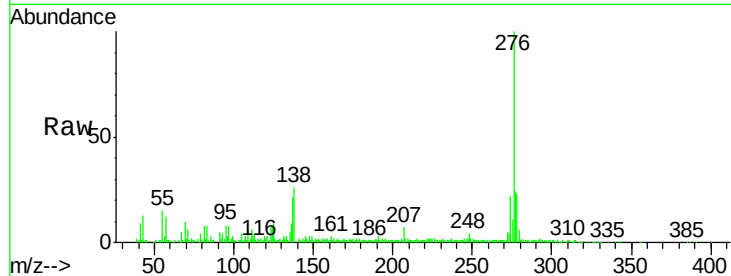




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 12.56 ng
 RT: 16.85 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BF093021.D
 Acq: 17 Feb 2017 20:09

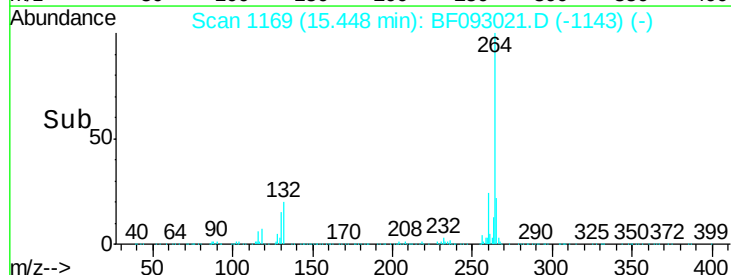
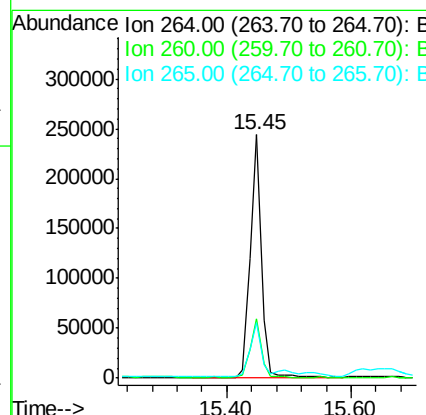
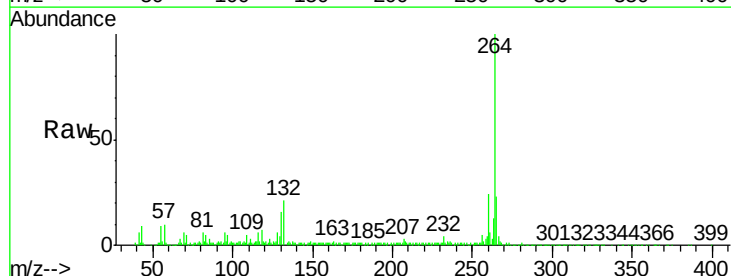
Instrument :
 BNA_F
 ClientSampleId :
 B1-5

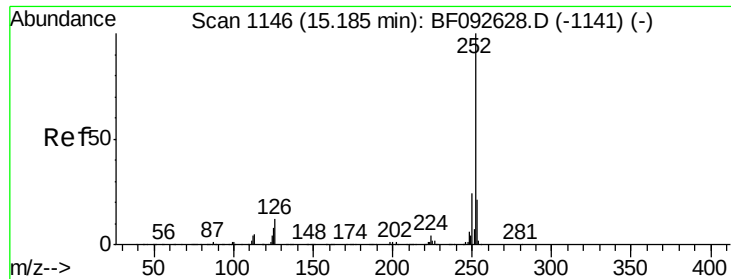
Tgt Ion: 276 Resp: 167498
 Ion Ratio Lower Upper
 276 100
 138 28.2 21.8 32.6
 277 26.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF093021.D
 Acq: 17 Feb 2017 20:09

Tgt Ion: 264 Resp: 305262
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 22.9 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 22.38 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.00 min

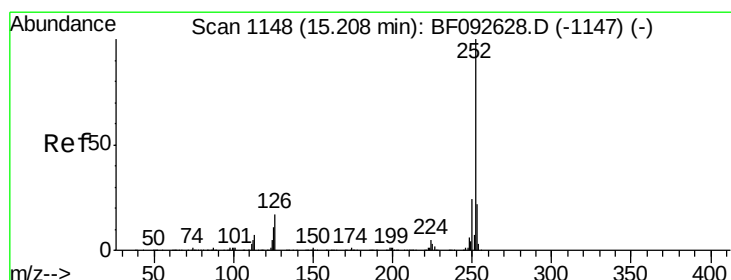
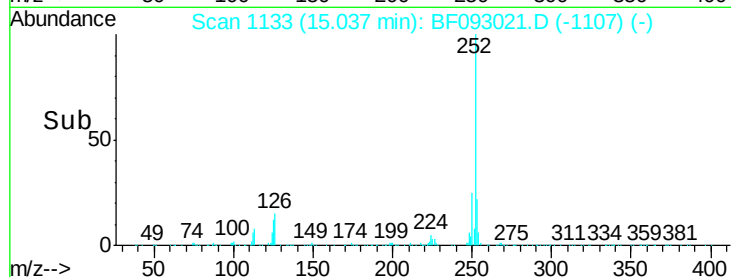
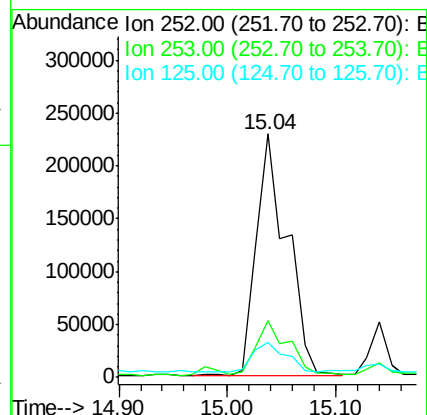
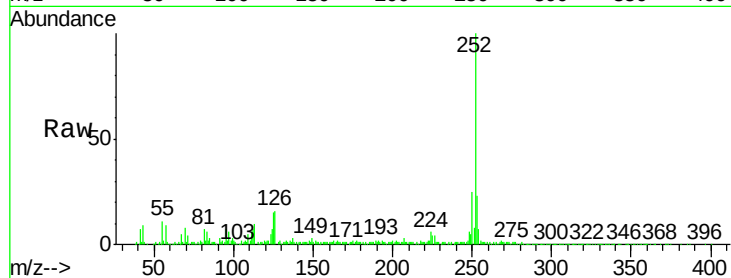
Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

Instrument :
BNA_F
ClientSampleId :
B1-5

Tgt Ion:252 Resp: 449766

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	14.6	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 25.93 ng

RT: 15.04 min Scan# 1133

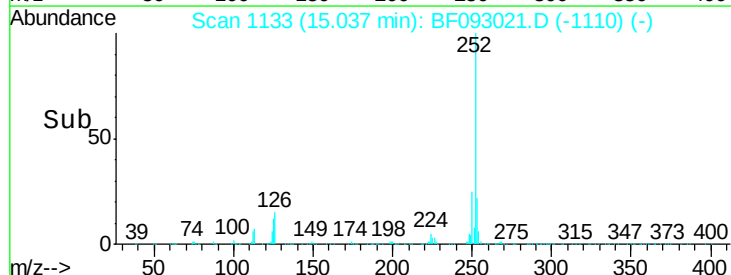
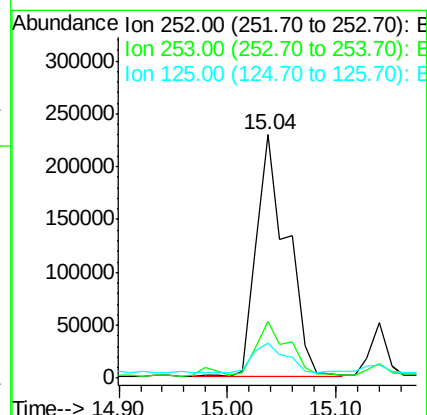
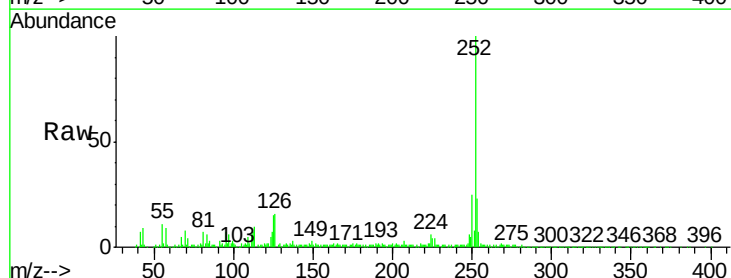
Delta R.T. -0.03 min

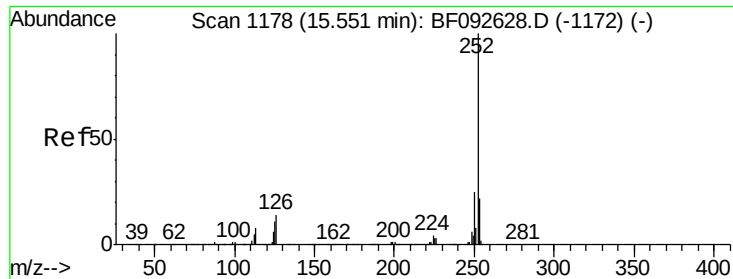
Lab File: BF093021.D

Acq: 17 Feb 2017 20:09

Tgt Ion:252 Resp: 449766

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	14.6	8.9	13.3#

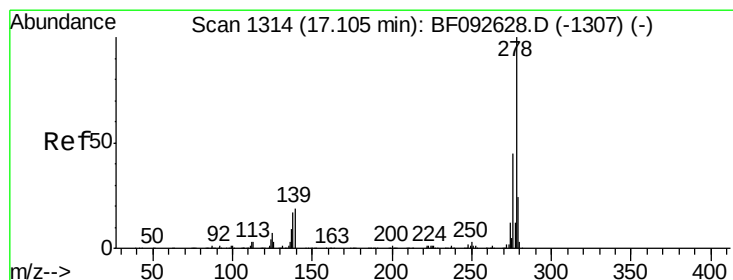
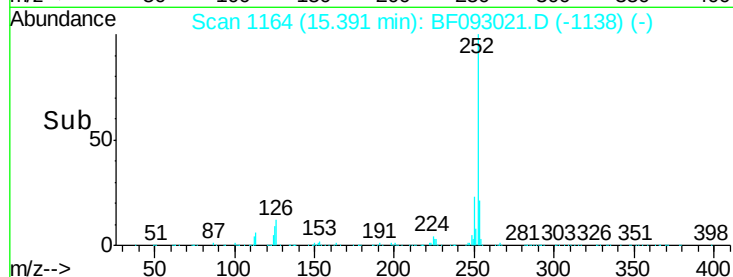
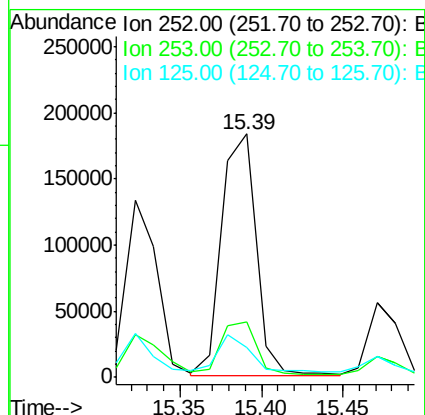
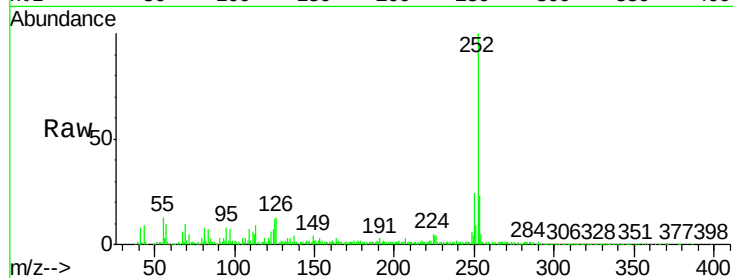




#89
Benzo(a)pyrene
Concen: 15.30 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF093021.D
Acq: 17 Feb 2017 20:09

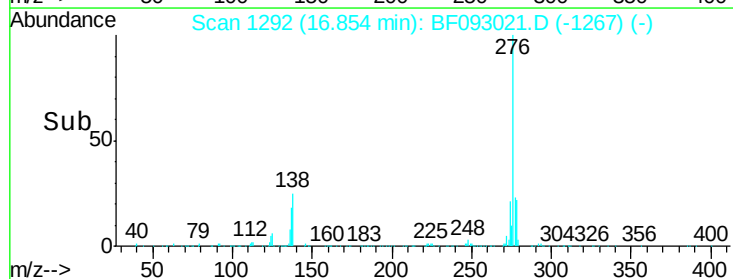
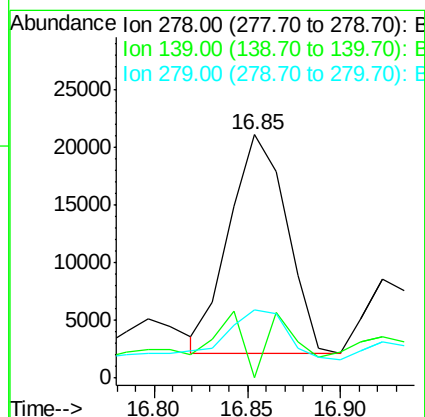
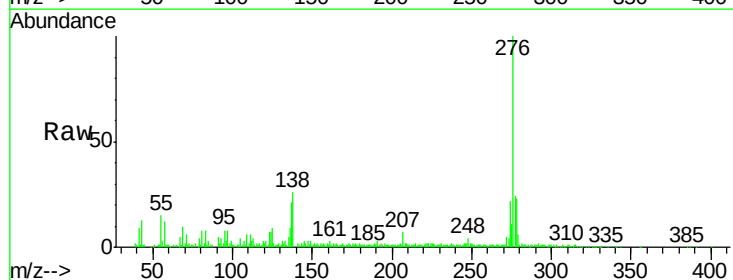
Instrument :
BNA_F
ClientSampled :
B1-5

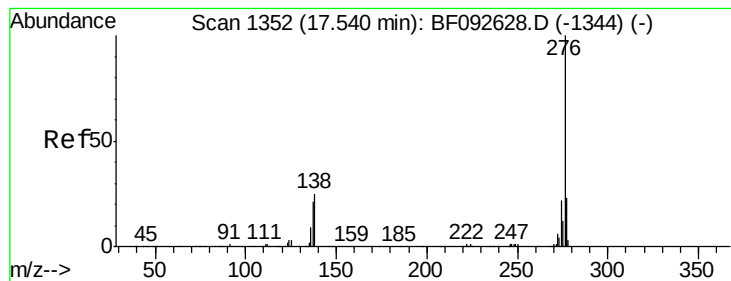
Tgt Ion: 252 Resp: 265950
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 12.1 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 2.88 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF093021.D
Acq: 17 Feb 2017 20:09

Tgt Ion: 278 Resp: 40460
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 27.9 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 12.14 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF093021.D

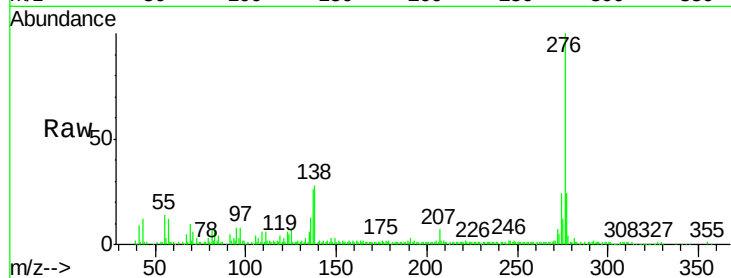
Acq: 17 Feb 2017 20:09

Instrument :

BNA_F

ClientSampleId :

B1-5



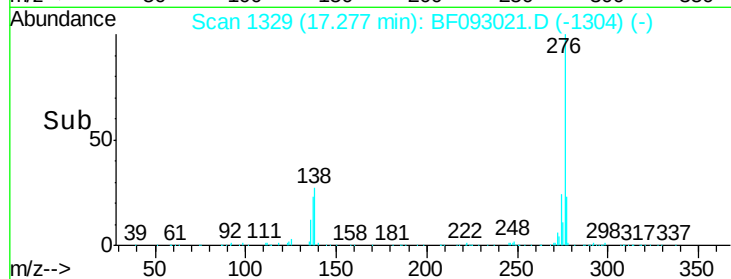
Tgt Ion: 276 Resp: 172295

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 27.9 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

