

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
 Data File : BE094116.D
 Acq On : 25 Sep 2017 23:37
 Operator : SJ/JU
 Sample : I5340-11RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 01:39:33 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 17:37:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1642	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8317	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	5456	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	20546	0.40	ng	0.00
27) Chrysene-d12	21.40	240	16287	0.40	ng	0.00
34) Perylene-d12	23.91	264	15332	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.50	112	1788	0.29	ng	0.00
5) Phenol-d6	7.09	99	2703	0.31	ng	0.00
8) Nitrobenzene-d5	9.06	82	2578	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3544	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	892	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	4681	0.26	ng	0.00
25) Fluoranthene-d10	19.27	212	40672	0.20	ng	0.00
29) Terphenyl-d14	19.85	244	5949	0.20	ng	0.00

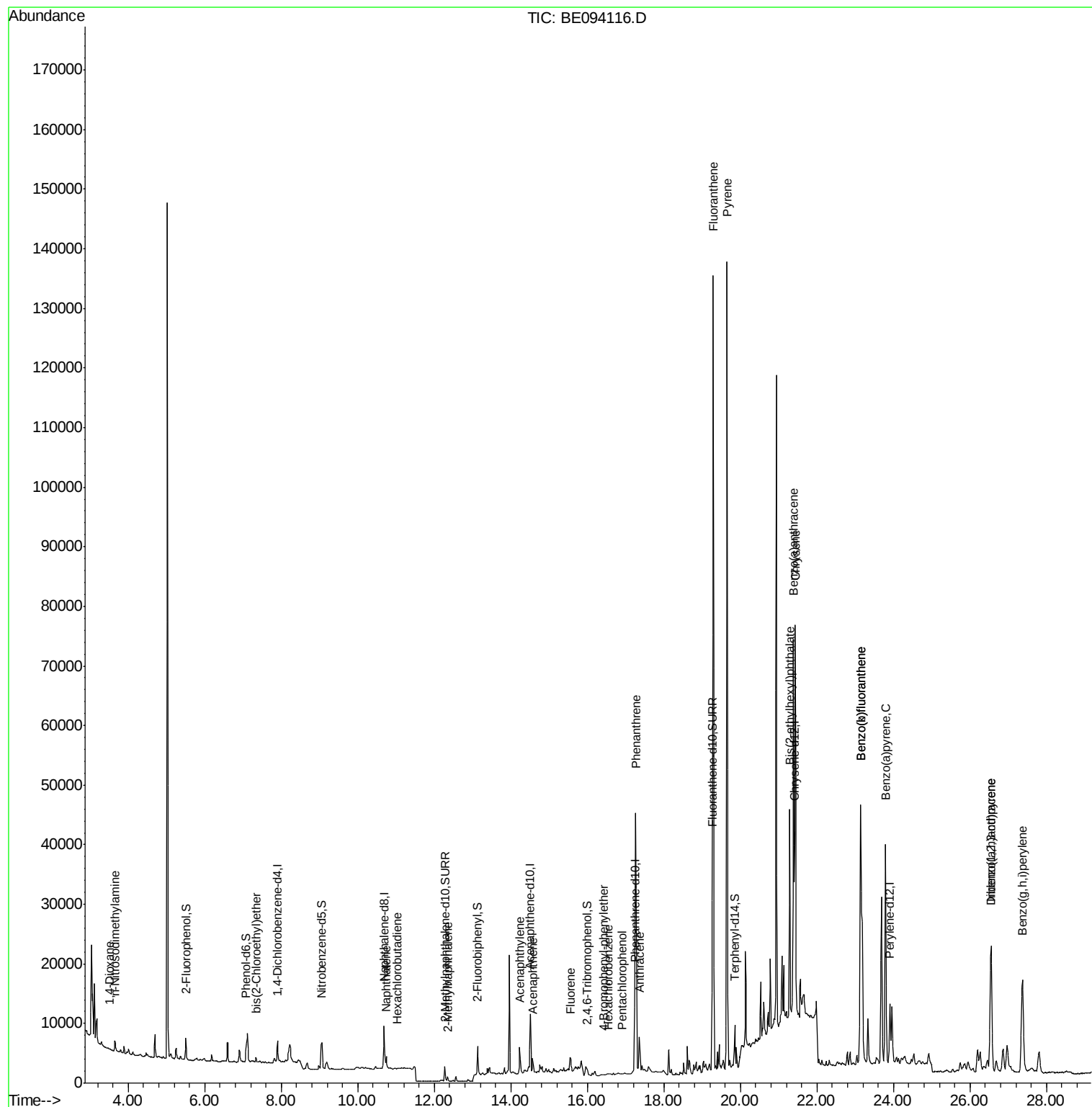
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	30	0.009	ng	# 16
3) n-Nitrosodimethylamine	3.65	42	550	0.135	ng	# 1
6) bis(2-Chloroethyl)ether	7.34	93	1037	0.155	ng	# 1
9) Naphthalene	10.74	128	3092	0.033	ng	# 93
10) Hexachlorobutadiene	11.02	225	15	0.004	ng	# 64
12) 2-Methylnaphthalene	12.35	142	472	0.031	ng	# 76
16) Acenaphthylene	14.23	152	5884	0.215	ng	100
17) Acenaphthene	14.57	154	1033	0.060	ng	95
18) Fluorene	15.56	166	1989	0.086	ng	# 84
20) 4-Bromophenyl-phenylether	16.42	248	22	0.003	ng	# 1
21) Hexachlorobenzene	16.55	284	10	0.002	ng	# 38
22) Pentachlorophenol	16.91	266	35	0.007	ng	98
23) Phenanthrene	17.27	178	65118	1.239	ng	98
24) Anthracene	17.37	178	10123	0.184	ng	# 95
26) Fluoranthene	19.30	202	129428	2.197	ng	99
28) Pyrene	19.65	202	124983	2.422	ng	# 95
30) Benzo(a)anthracene	21.38	228	59691	1.088	ng	97
31) Chrysene	21.44	228	68785	1.300	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	40923	0.038	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	38217	0.675	ng	96
35) Benzo(b)fluoranthene	23.14	252	82624	1.494	ng	96
36) Benzo(k)fluoranthene	23.14	252	82624	1.560	ng	98
37) Benzo(a)pyrene	23.79	252	57434	1.149	ng	99
38) Dibenzo(a,h)anthracene	26.56	278	9845	0.208	ng	# 79
39) Benzo(g,h,i)perylene	27.37	276	38551	0.823	ng	100

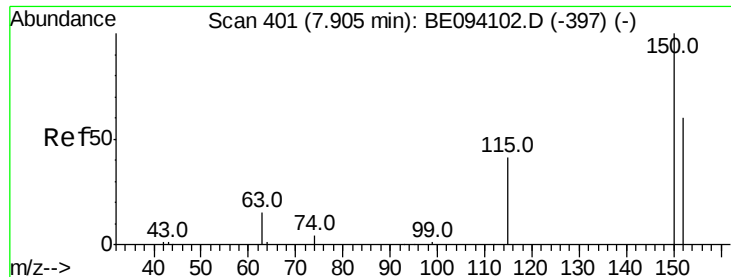
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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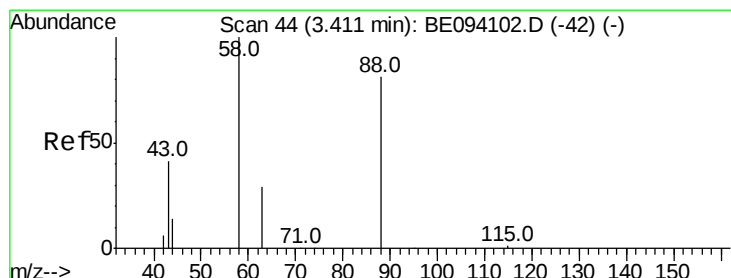
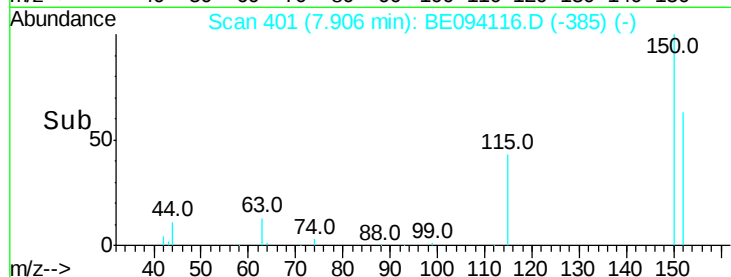
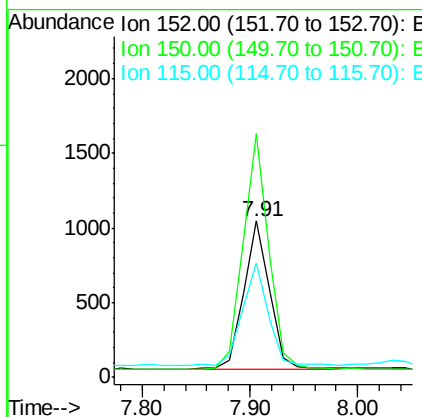
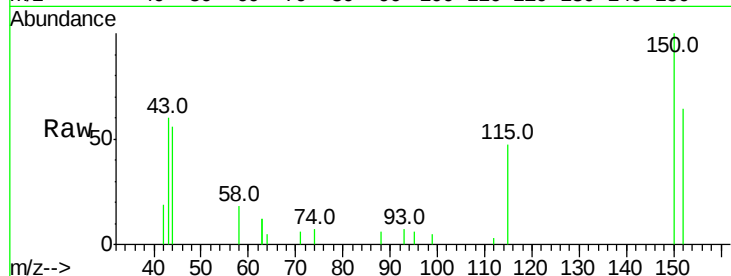


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.91 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BE094116.D
 Acq: 25 Sep 2017 23:37

Instrument :
 BNA_E
 ClientSampleId :

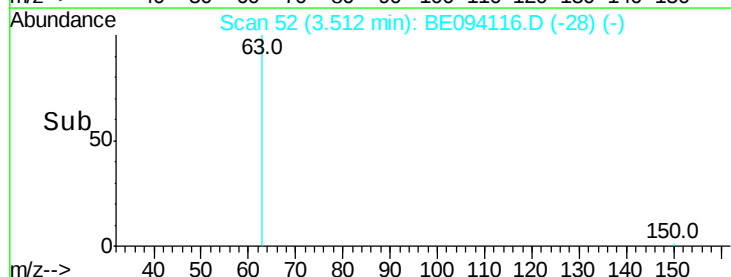
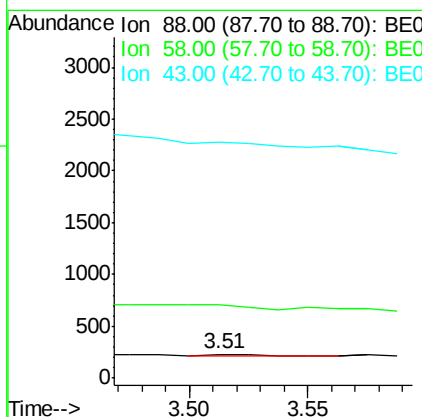
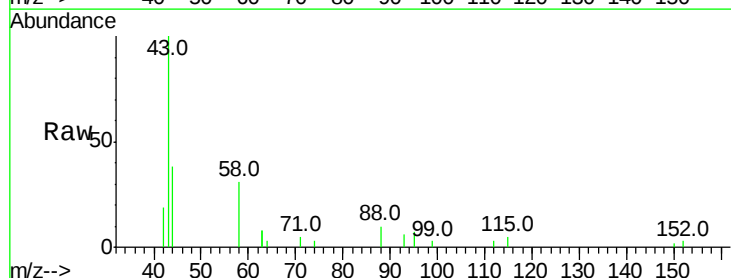
Tot Ion:152 Resp: 1642
 Ion Ratio Lower Upper
 152 100
 150 155.9 117.2 175.8
 115 73.3 57.0 85.6

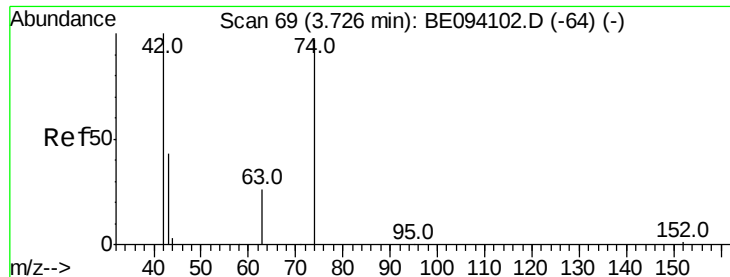


#2

1,4-Dioxane
 Concen: 0.009 ng
 RT: 3.51 min Scan# 52
 Delta R.T. 0.10 min
 Lab File: BE094116.D
 Acq: 25 Sep 2017 23:37

Tgt Ion: 88 Resp: 30
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.2 94.8#
 43 0.0 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 0.135 ng

RT: 3.65 min Scan# 63

Delta R.T. -0.07 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

Instrument :

BNA_E

ClientSampleId :

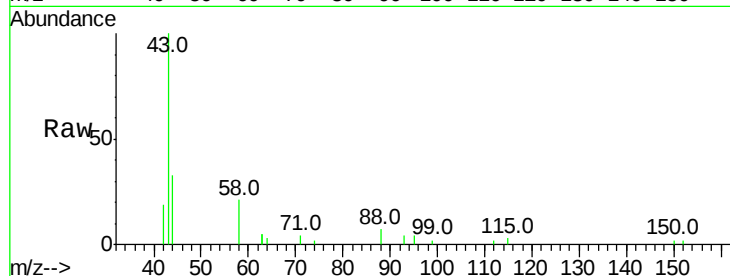
Tot Ion: 42 Resp: 550

Ion Ratio Lower Upper

42 100

74 5.6 100.3 150.5#

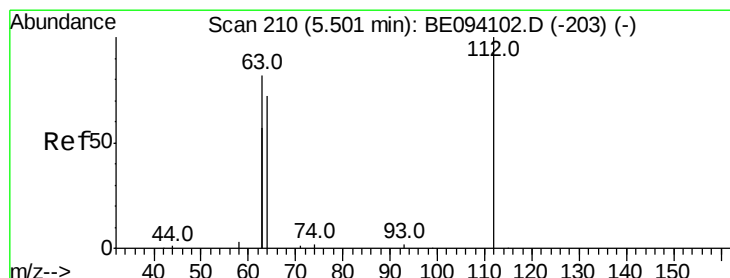
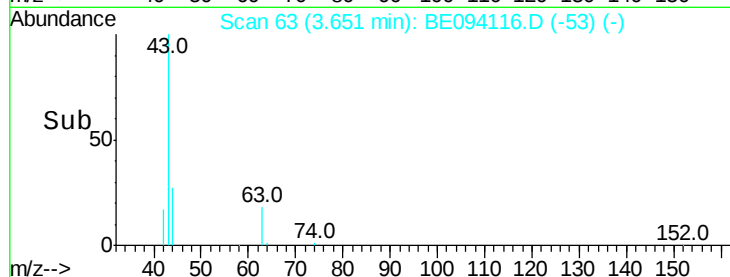
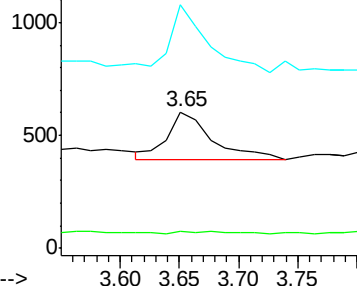
44 128.4 17.0 25.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.287 ng

RT: 5.50 min Scan# 210

Delta R.T. 0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

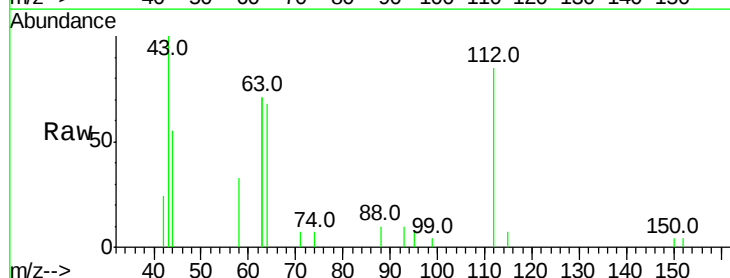
Tgt Ion: 112 Resp: 1788

Ion Ratio Lower Upper

112 100

64 75.7 60.1 90.1

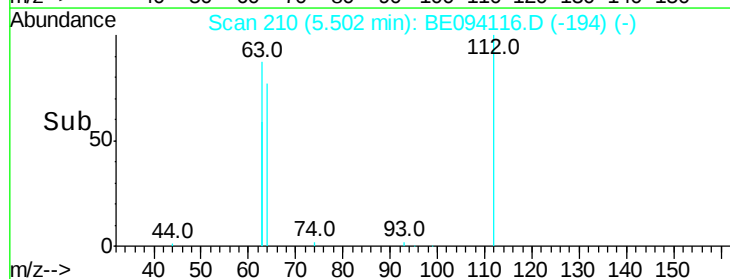
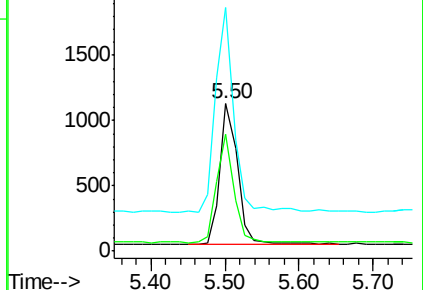
63 144.6 116.8 175.2

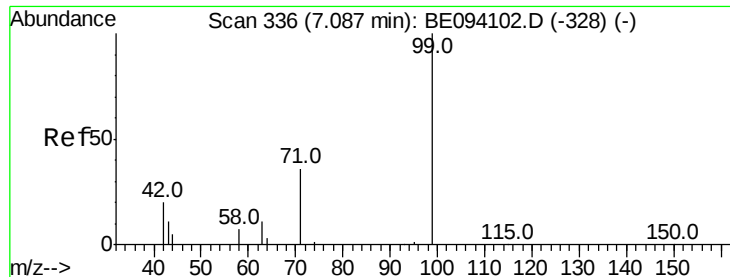


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.313 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

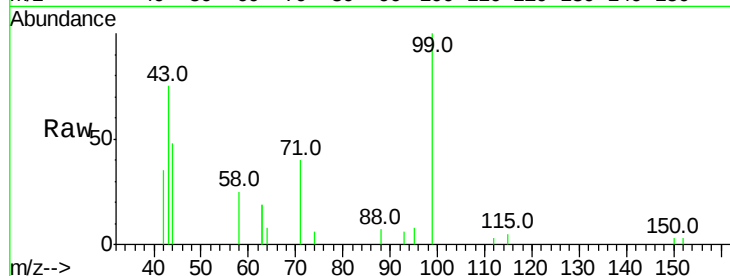
Instrument :

BNA_E

ClientSampled :

Tot Ion: 99 Resp: 2703

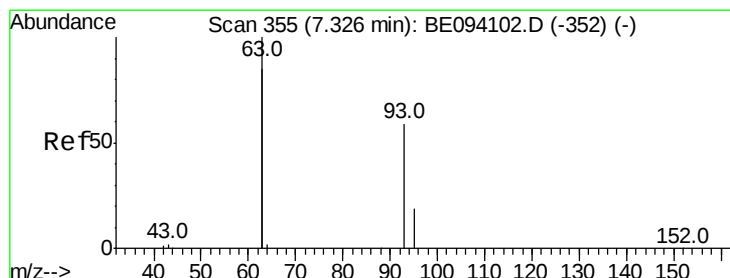
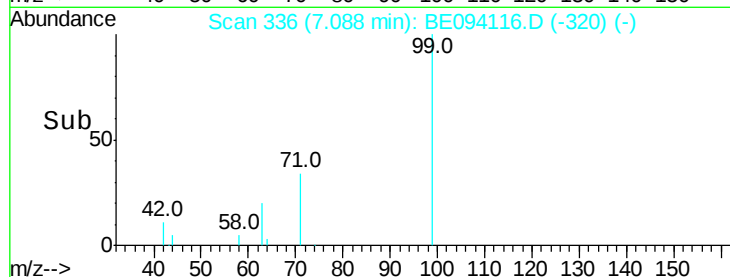
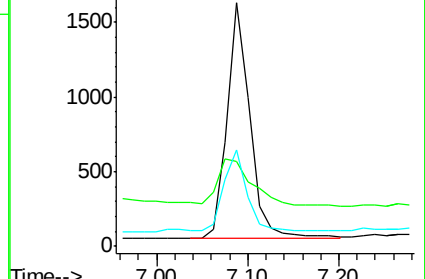
Ion	Ratio	Lower	Upper
99	100		
42	32.2	20.2	30.2#
71	39.1	28.4	42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.155 ng

RT: 7.34 min Scan# 356

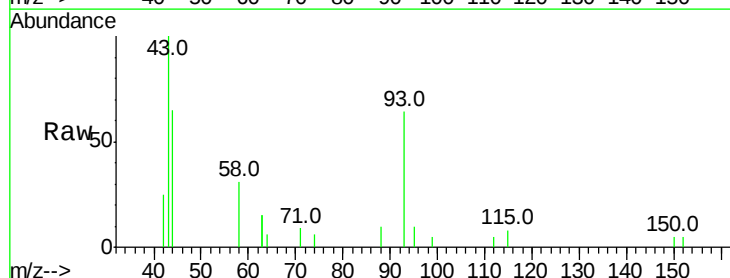
Delta R.T. 0.01 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

Tgt Ion: 93 Resp: 1037

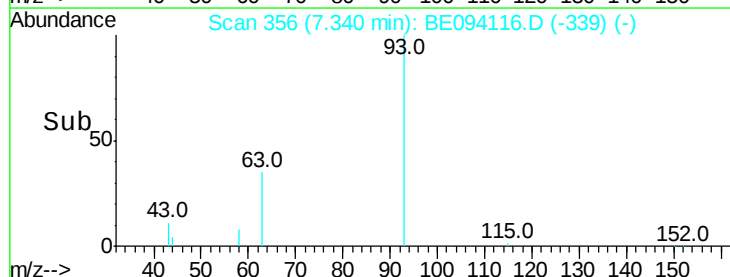
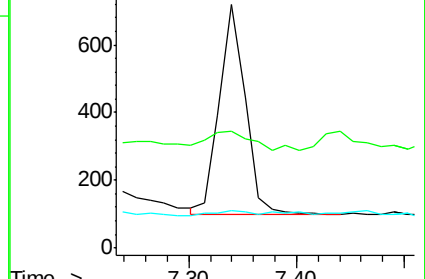
Ion	Ratio	Lower	Upper
93	100		
63	15.1	275.3	412.9#
95	3.8	25.2	37.8#

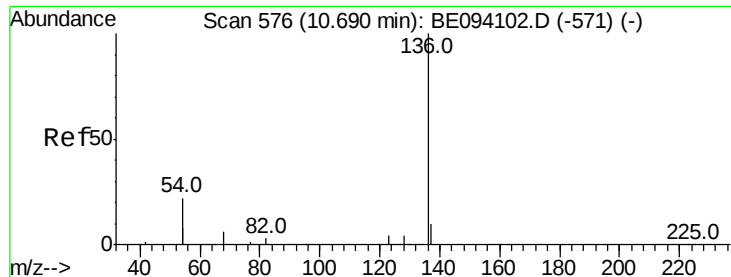


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 8317

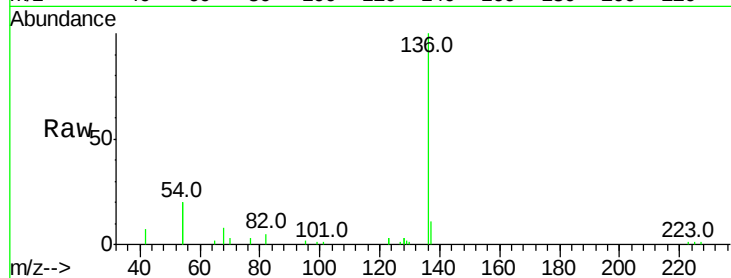
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 40.3 29.1 43.7

68 8.3 6.2 9.2

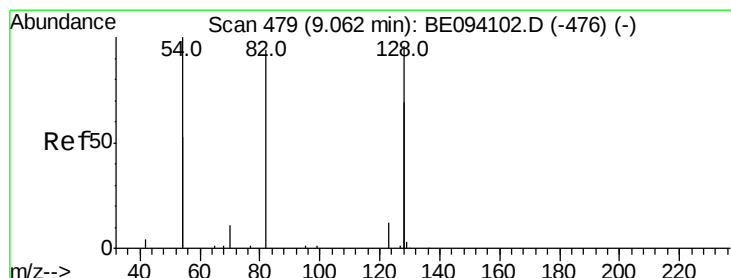
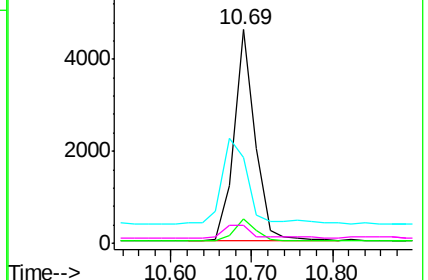
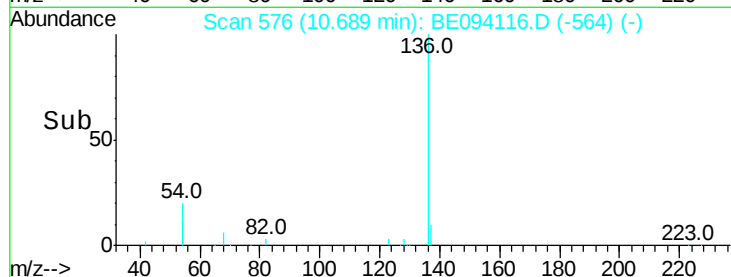


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.320 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

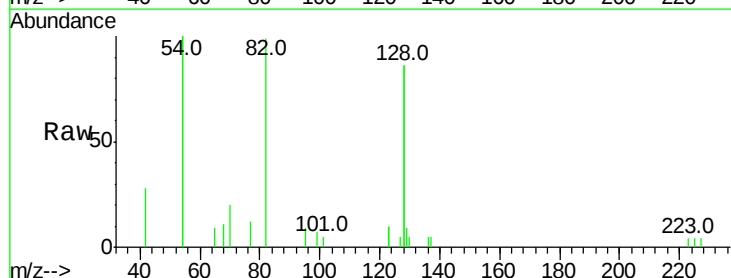
Tgt Ion: 82 Resp: 2578

Ion Ratio Lower Upper

82 100

128 175.4 150.0 225.0

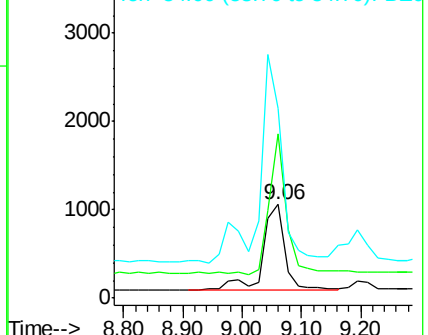
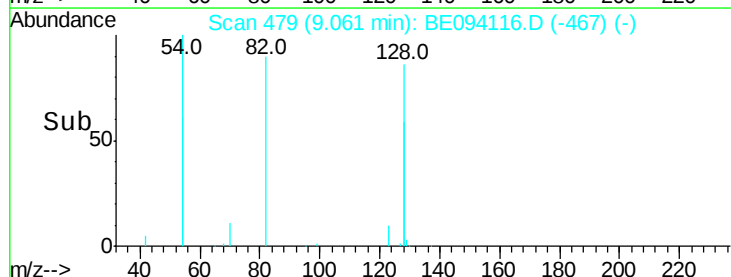
54 203.0 154.2 231.4

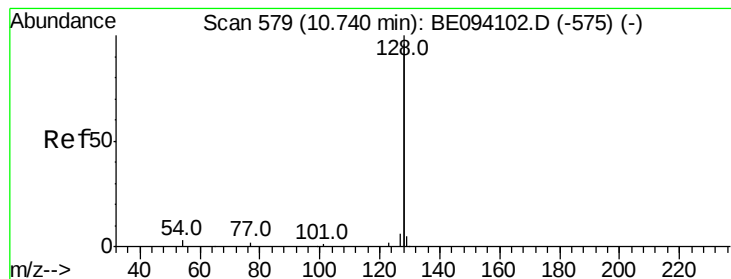


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.033 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

Instrument :

BNA_E

ClientSampled :

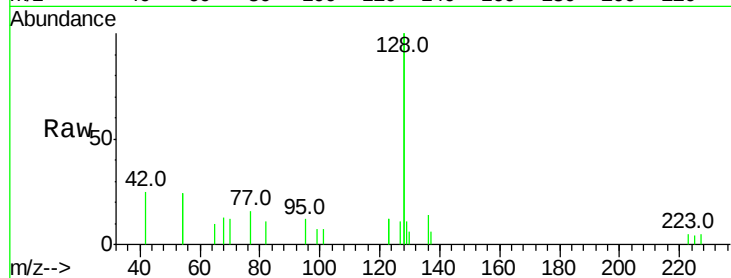
Tot Ion:128 Resp: 3092

Ion Ratio Lower Upper

128 100

129 5.6 2.6 3.8#

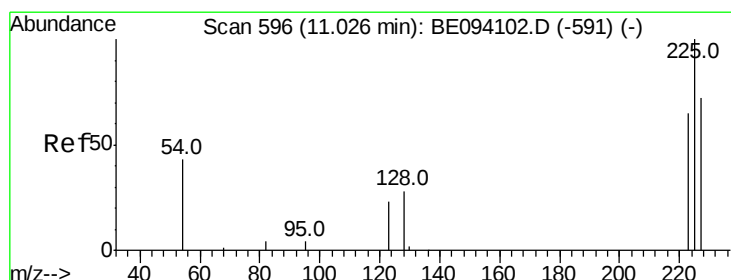
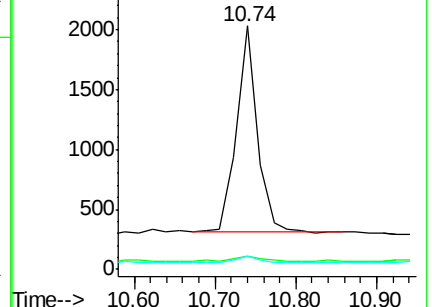
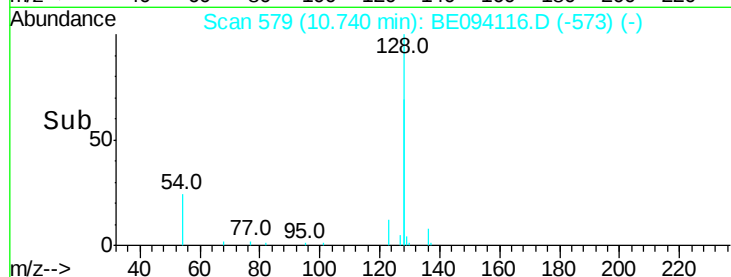
127 5.5 2.8 4.2#



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



#10

Hexachlorobutadiene

Concen: 0.004 ng

RT: 11.02 min Scan# 596

Delta R.T. -0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

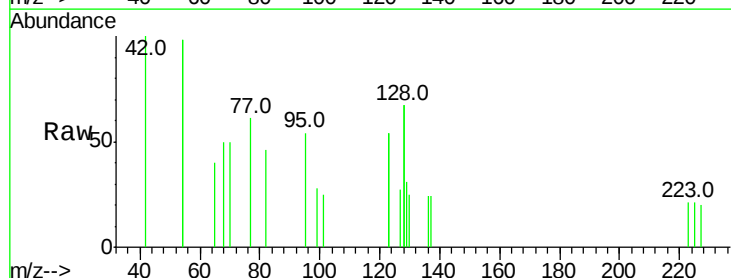
Tgt Ion:225 Resp: 15

Ion Ratio Lower Upper

225 100

223 33.3 53.0 79.6#

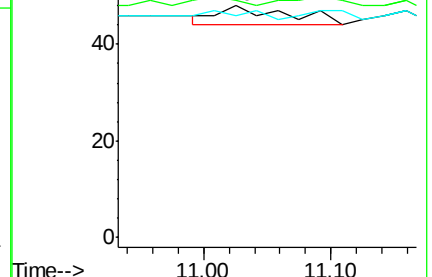
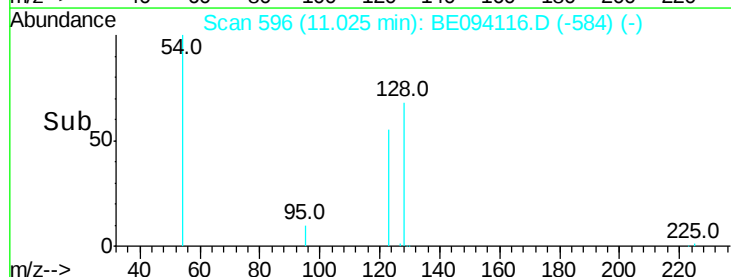
227 40.0 51.4 77.2#

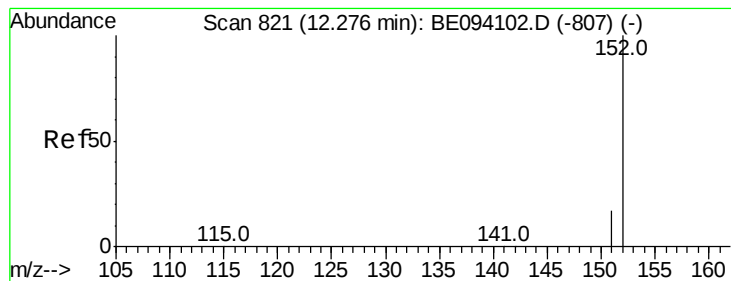


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.277 ng

RT: 12.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

Instrument :

BNA_E

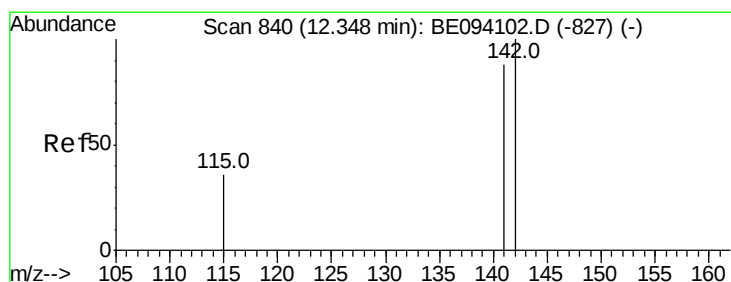
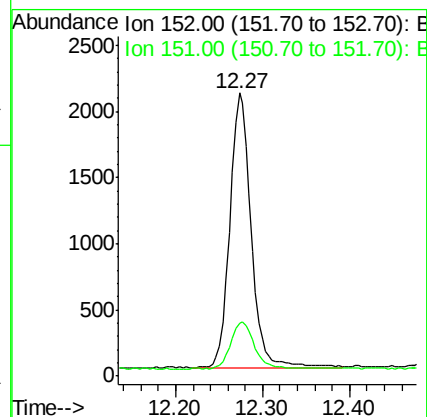
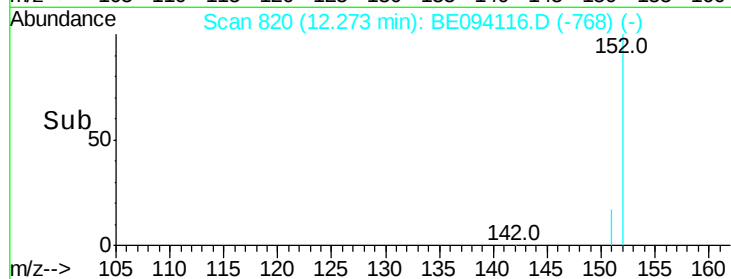
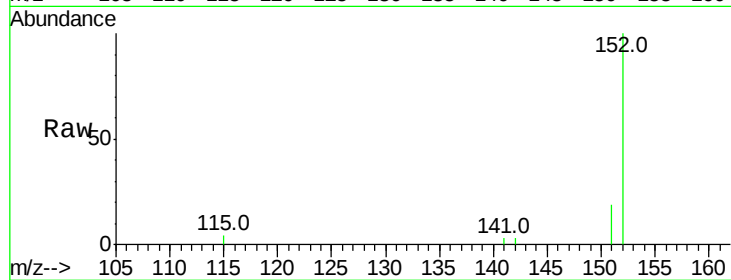
ClientSampleId :

Tot Ion:152 Resp: 3544

Ion Ratio Lower Upper

152 100

151 18.6 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.031 ng

RT: 12.35 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

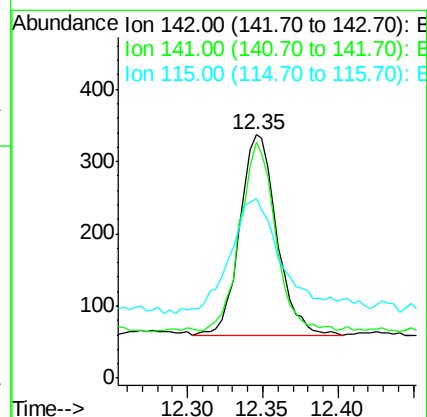
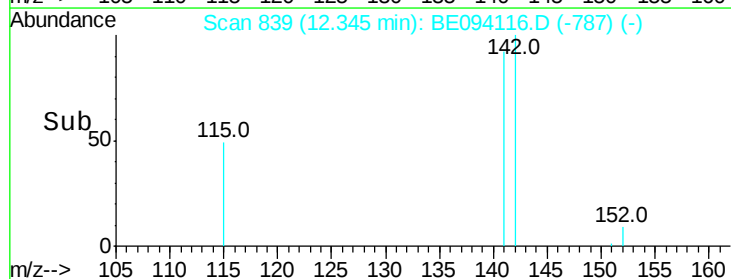
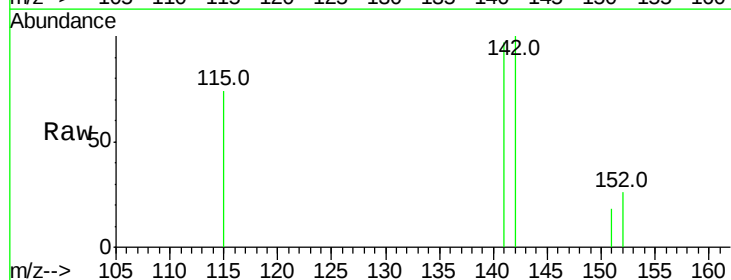
Tgt Ion:142 Resp: 472

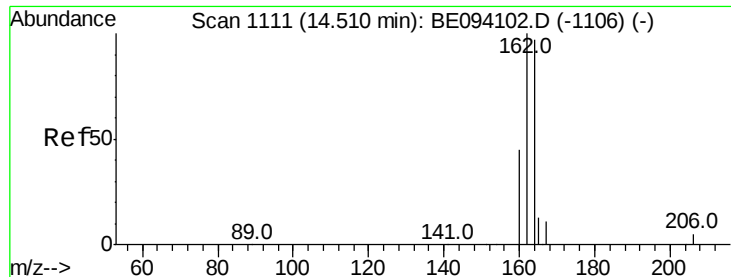
Ion Ratio Lower Upper

142 100

141 96.7 70.4 105.6

115 73.9 31.7 47.5#

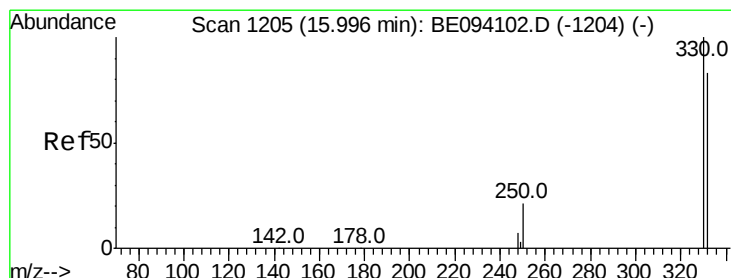
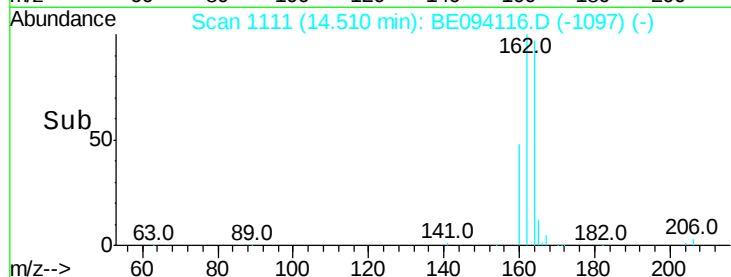
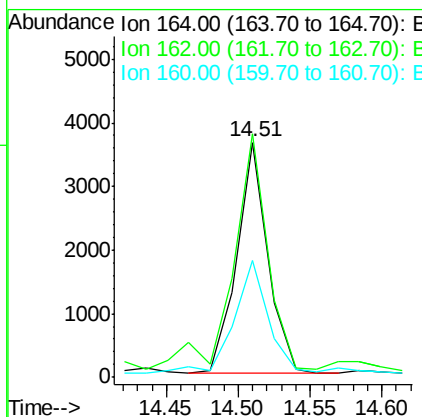
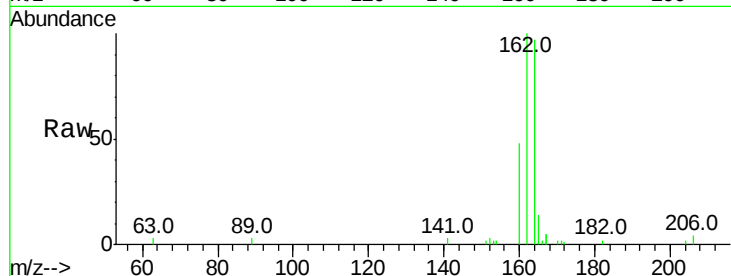




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BE094116.D
 Acq: 25 Sep 2017 23:37

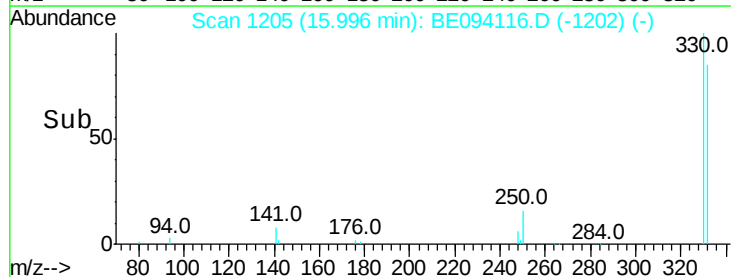
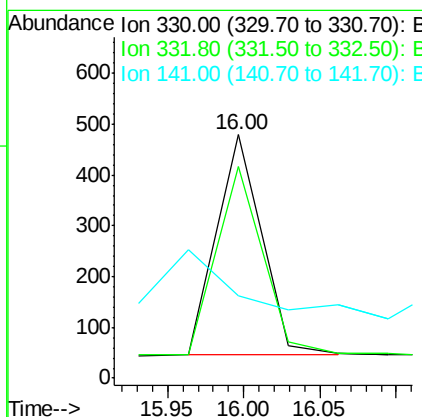
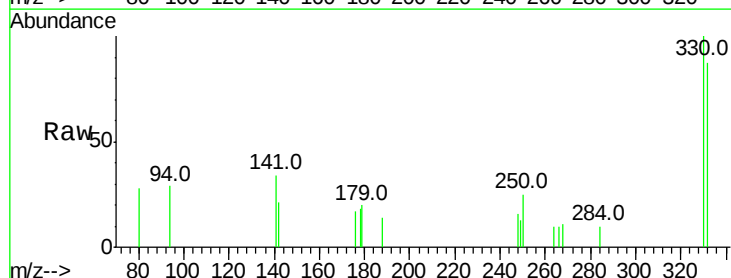
Instrument :
 BNA_E
 ClientSampled :

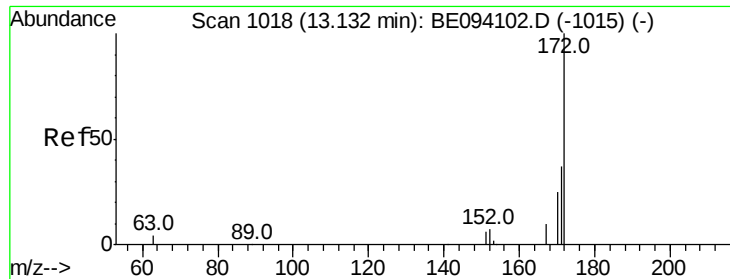
Tot Ion:164 Resp: 5456
 Ion Ratio Lower Upper
 164 100
 162 103.5 83.1 124.7
 160 49.9 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.273 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE094116.D
 Acq: 25 Sep 2017 23:37

Tgt Ion:330 Resp: 892
 Ion Ratio Lower Upper
 330 100
 332 86.8 152.7 229.1#
 141 0.0 33.7 50.5#

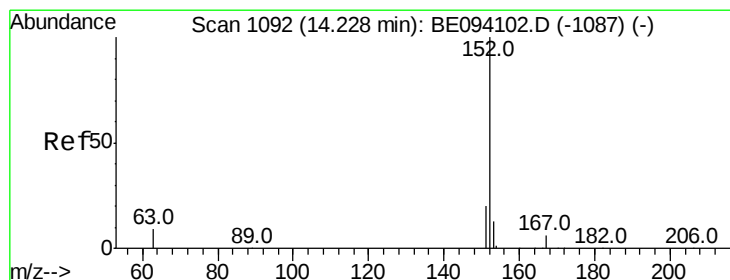
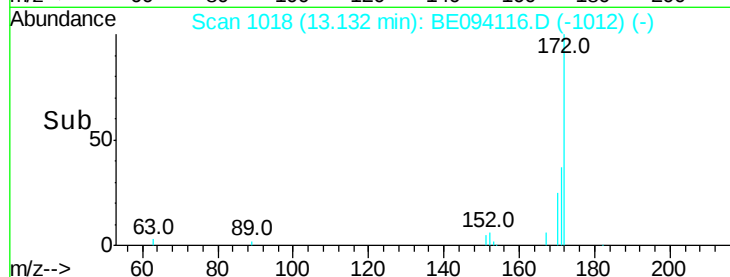
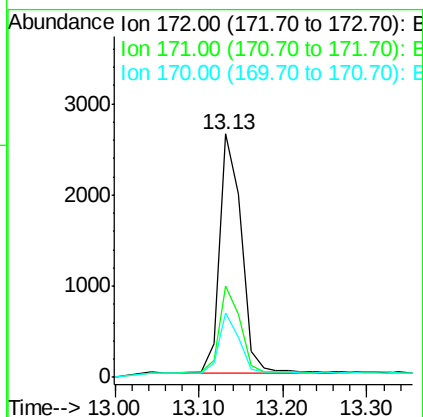
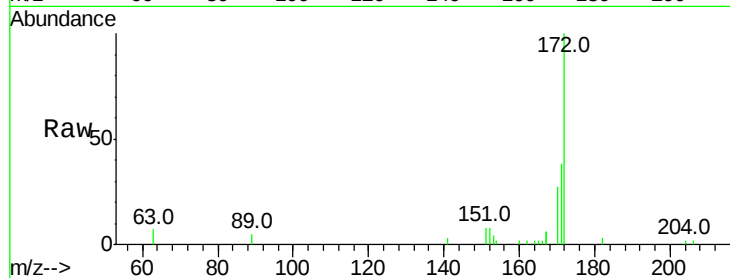




#15
2-Fluorobiphenyl
Concen: 0.260 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094116.D
Acq: 25 Sep 2017 23:37

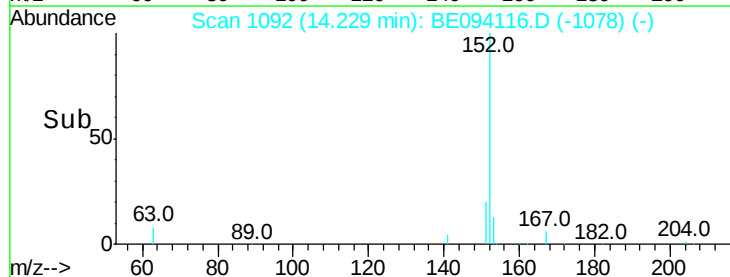
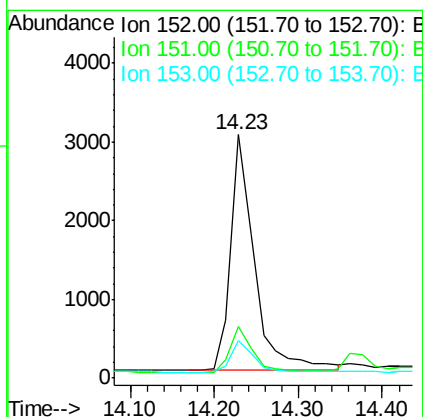
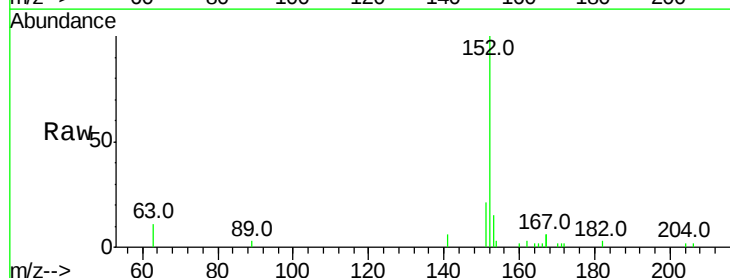
Instrument :
BNA_E
ClientSampleId :

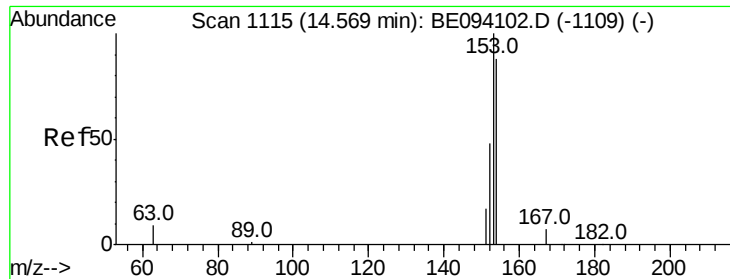
Tot Ion:172 Resp: 4681
Ion Ratio Lower Upper
172 100
171 37.8 29.9 44.9
170 26.5 21.8 32.8



#16
Acenaphthylene
Concen: 0.215 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094116.D
Acq: 25 Sep 2017 23:37

Tgt Ion:152 Resp: 5884
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.060 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

Instrument :

BNA_E

ClientSampleId :

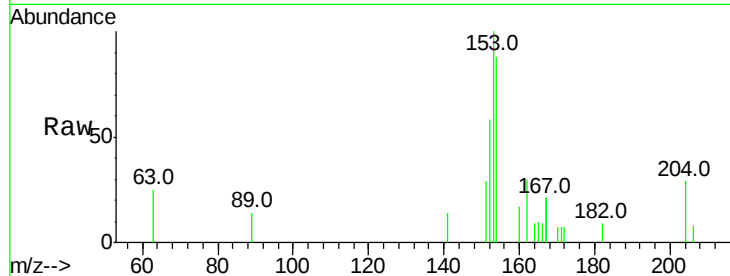
Tot Ion:154 Resp: 1033

Ion Ratio Lower Upper

154 100

153 110.5 89.2 133.8

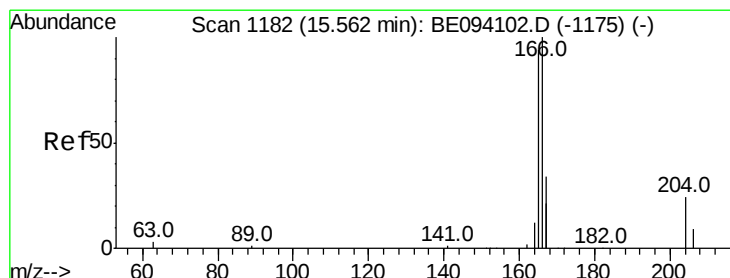
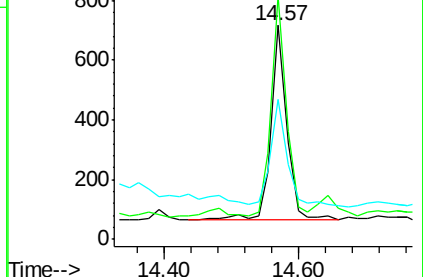
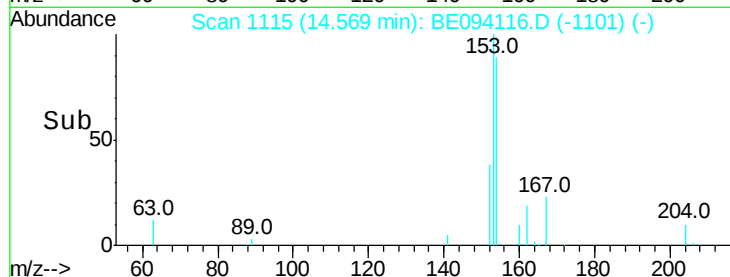
152 61.7 42.0 63.0



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



#18

Fluorene

Concen: 0.086 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

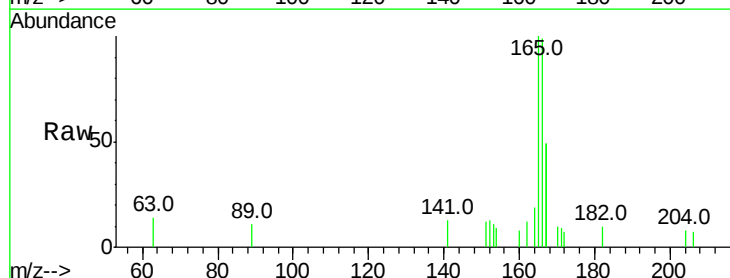
Tgt Ion:166 Resp: 1989

Ion Ratio Lower Upper

166 100

165 117.2 77.8 116.6#

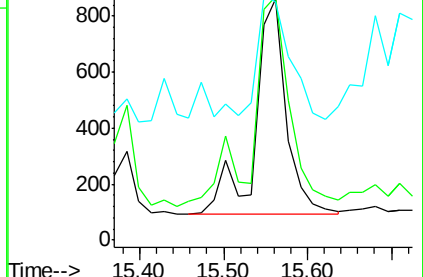
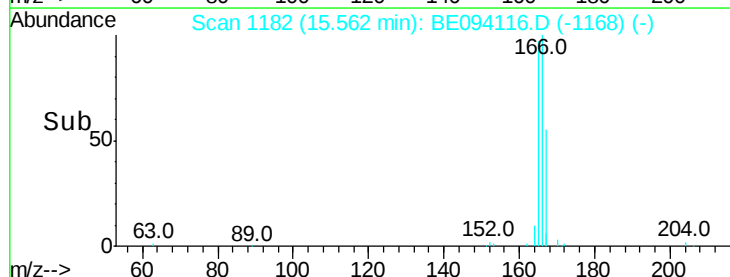
167 59.7 42.4 63.6

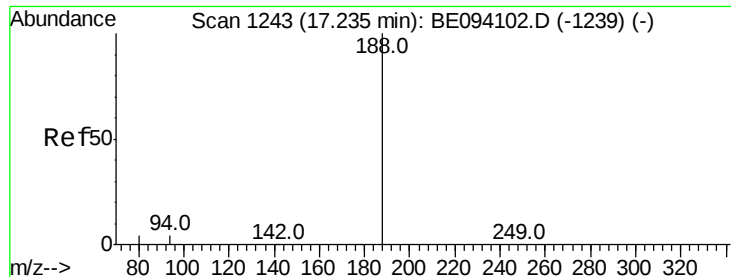


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

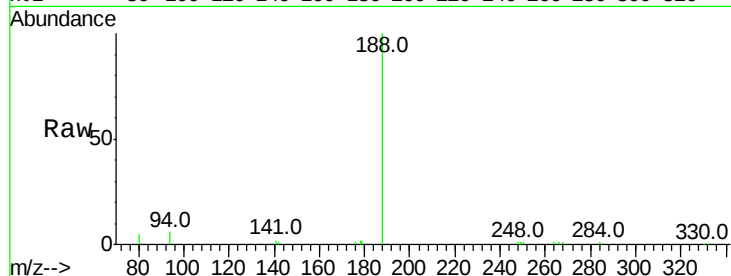




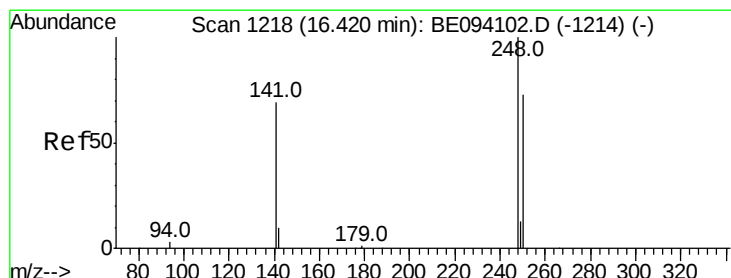
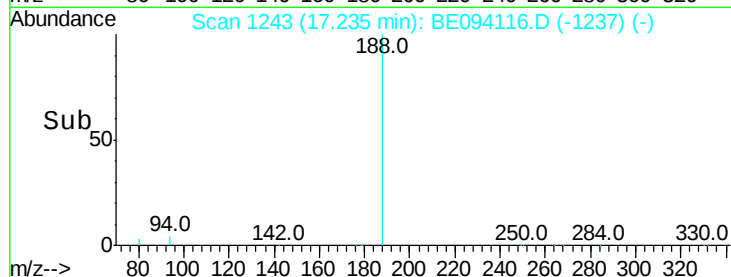
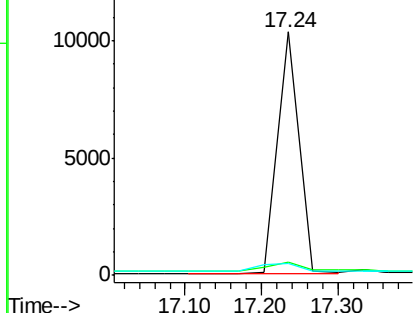
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.24 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BE094116.D
 Acq: 25 Sep 2017 23:37

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:188 Resp: 20546
 Ion Ratio Lower Upper
 188 100
 94 5.6 3.9 5.9
 80 4.9 3.6 5.4

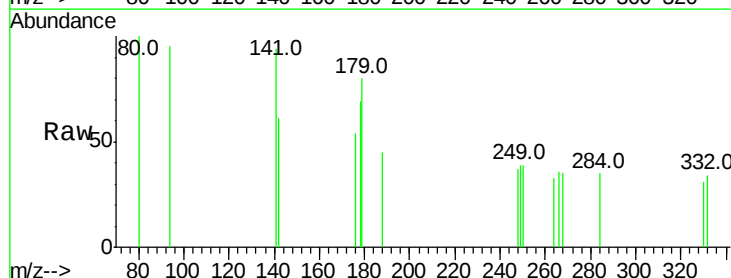


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BE0
 Ion 80.00 (79.70 to 80.70): BE0

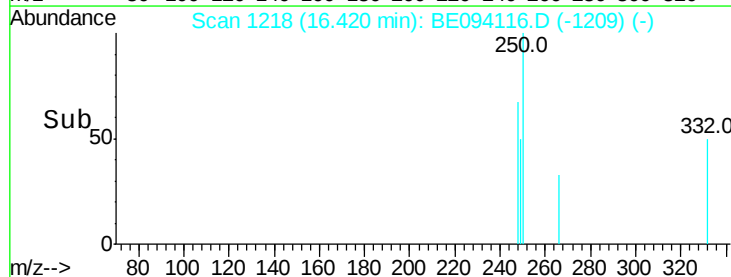
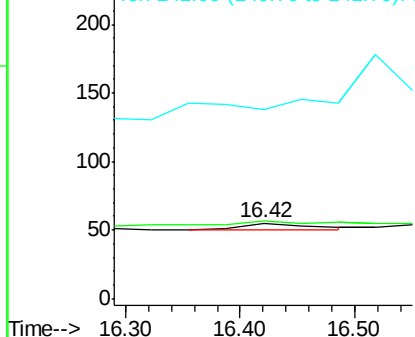


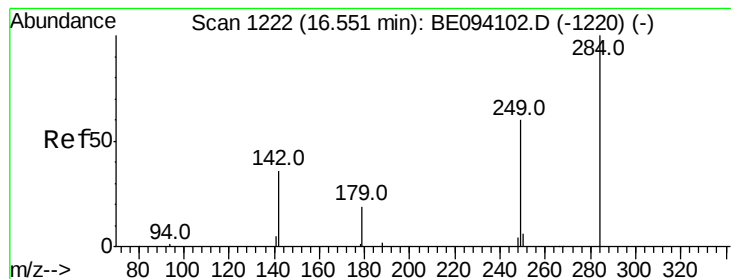
#20
 4-Bromophenyl-phenylether
 Concen: 0.003 ng
 RT: 16.42 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: BE094116.D
 Acq: 25 Sep 2017 23:37

Tgt Ion:248 Resp: 22
 Ion Ratio Lower Upper
 248 100
 250 103.6 62.7 94.1#
 141 250.9 48.2 72.2#



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





#21

Hexachlorobenzene

Concen: 0.002 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

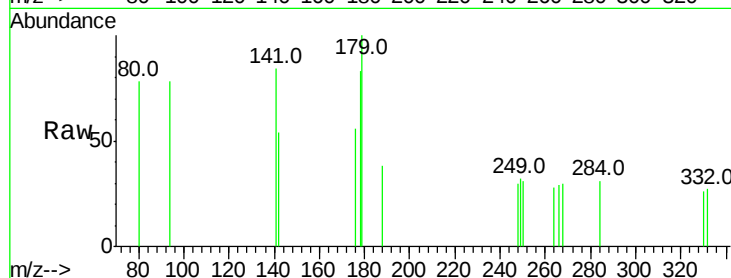
Instrument :

BNA_E

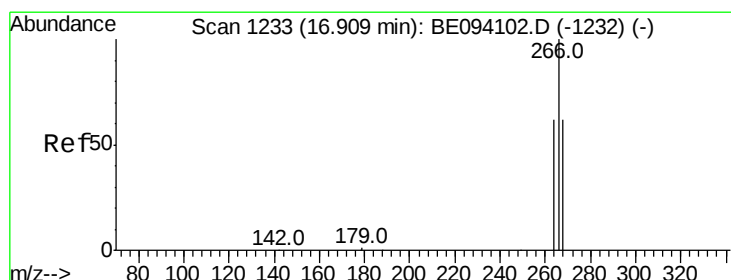
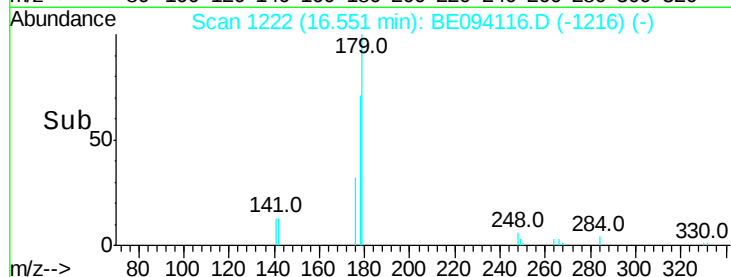
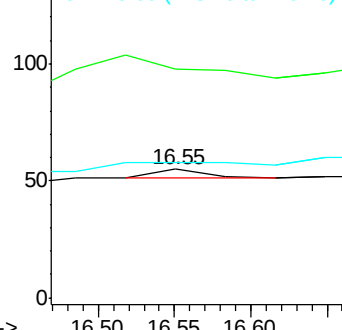
ClientSampleId :

Tot Ion:284 Resp: 10

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	0.0	34.8	52.2#



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.007 ng

RT: 16.91 min Scan# 1233

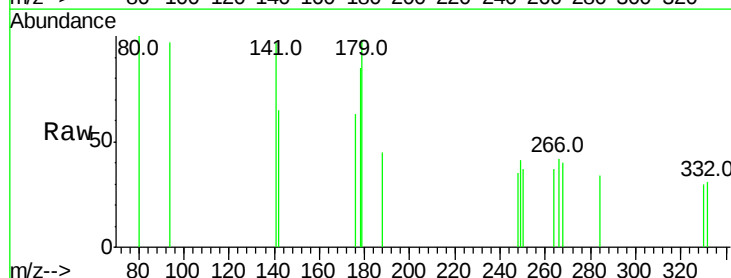
Delta R.T. 0.00 min

Lab File: BE094116.D

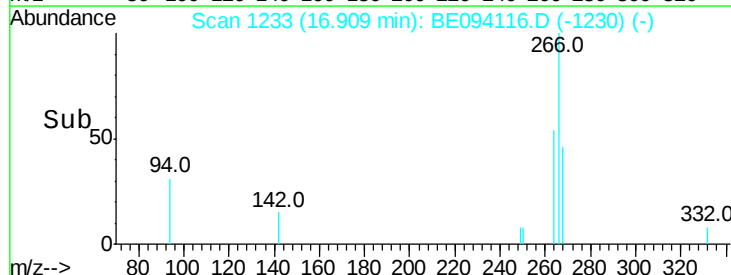
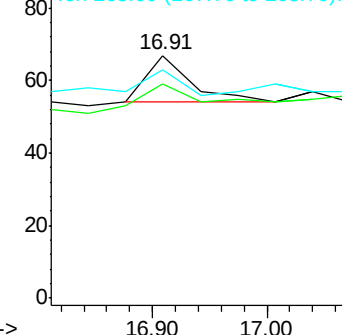
Acq: 25 Sep 2017 23:37

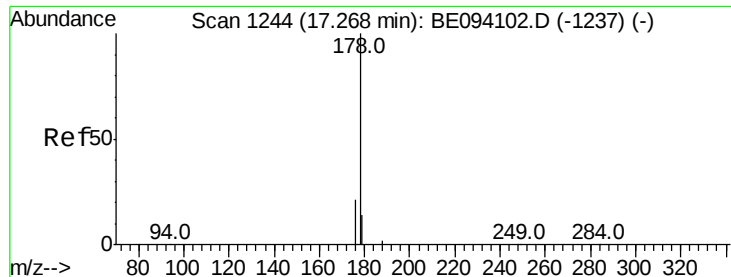
Tgt Ion:266 Resp: 35

Ion	Ratio	Lower	Upper
266	100		
264	88.1	72.5	108.7
268	94.0	73.8	110.6



Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.239 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

Instrument :

BNA_E

ClientSampleId :

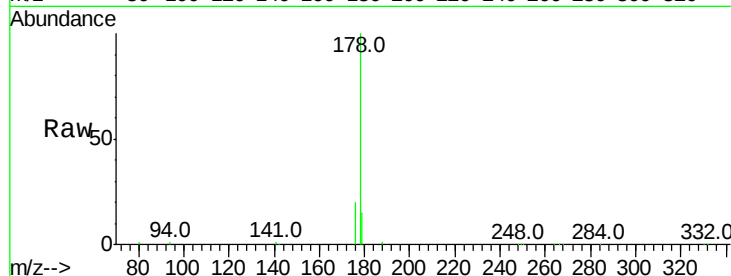
Tot Ion:178 Resp: 65118

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

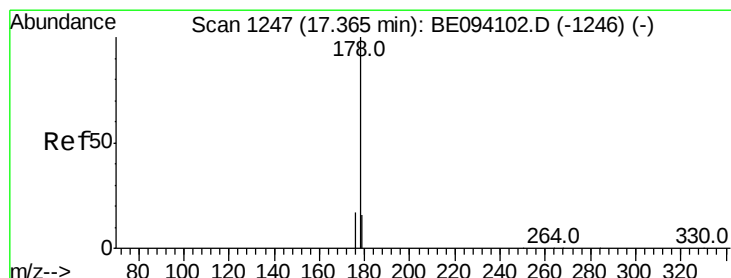
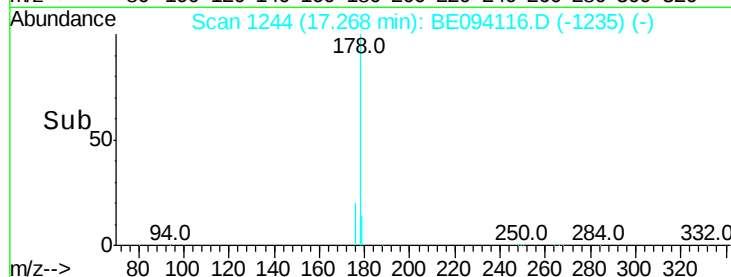
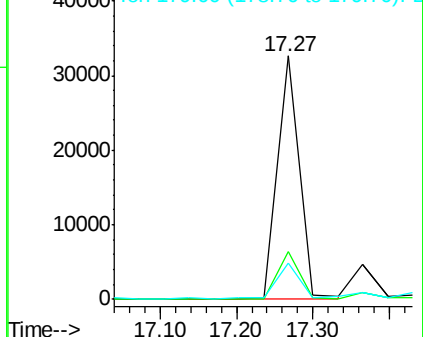
179 15.6 11.8 17.6



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



#24

Anthracene

Concen: 0.184 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

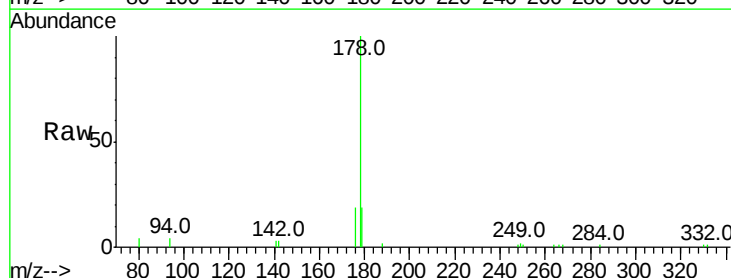
Tgt Ion:178 Resp: 10123

Ion Ratio Lower Upper

178 100

176 16.0 12.8 19.2

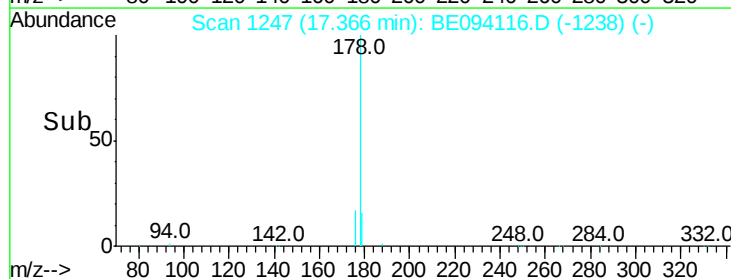
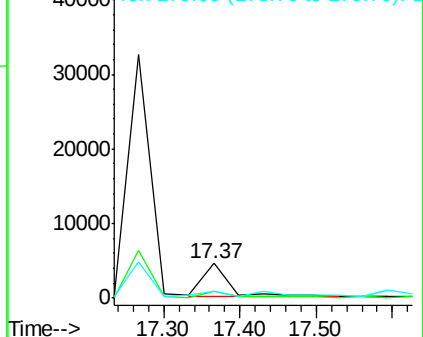
179 12.2 13.0 19.6#

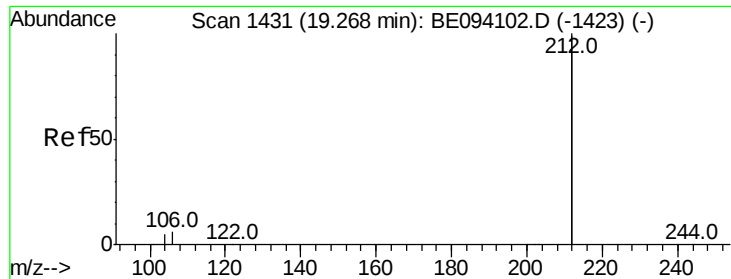


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.204 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

Instrument :

BNA_E

ClientSampleId :

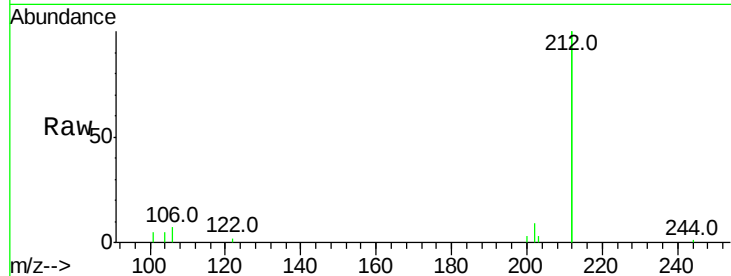
Tot Ion:212 Resp: 40672

Ion Ratio Lower Upper

212 100

106 3.9 2.8 4.2

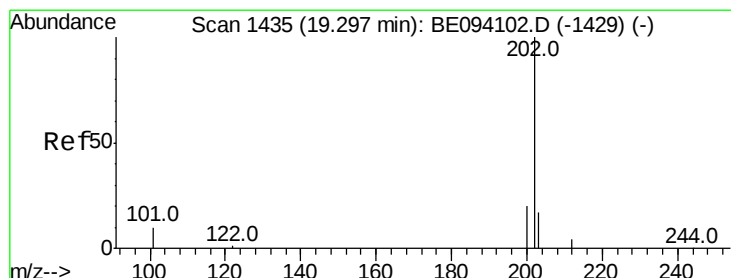
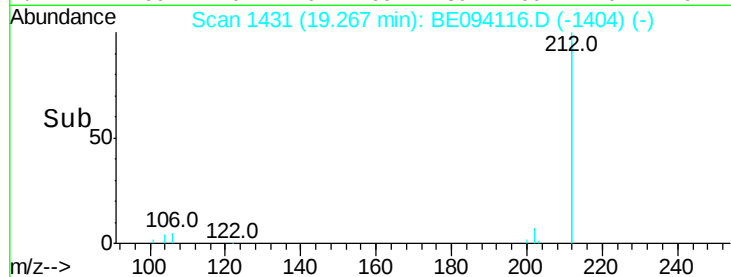
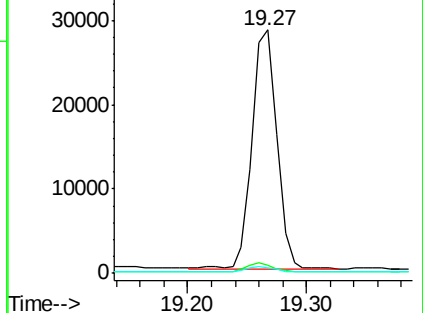
104 2.8 1.6 2.4#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 2.197 ng

RT: 19.30 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

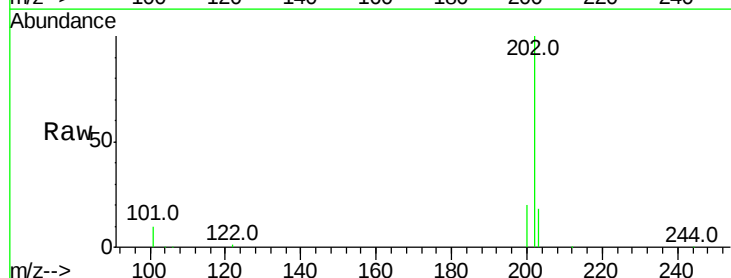
Tgt Ion:202 Resp: 129428

Ion Ratio Lower Upper

202 100

101 12.6 9.8 14.8

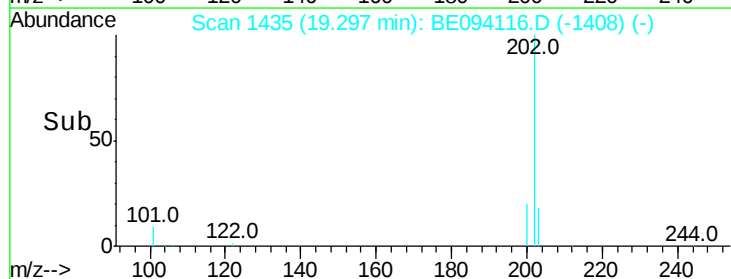
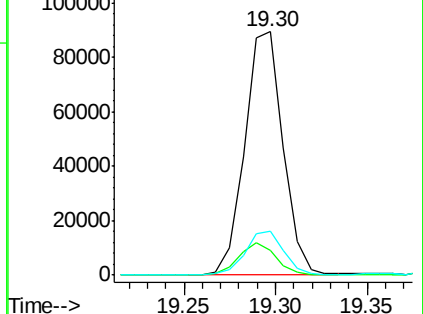
203 17.6 13.7 20.5

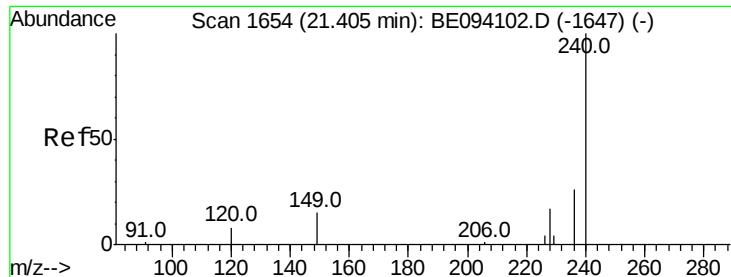


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

Instrument :

BNA_E

ClientSampleId :

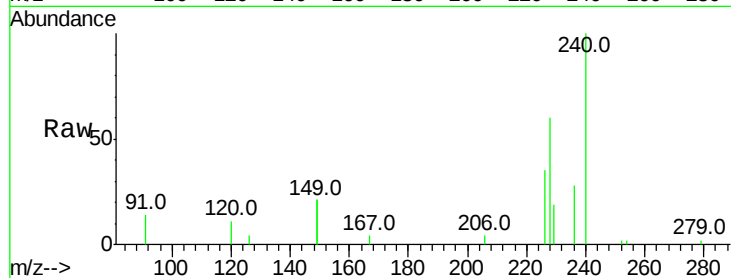
Tot Ion:240 Resp: 16287

Ion Ratio Lower Upper

240 100

120 11.0 5.5 8.3#

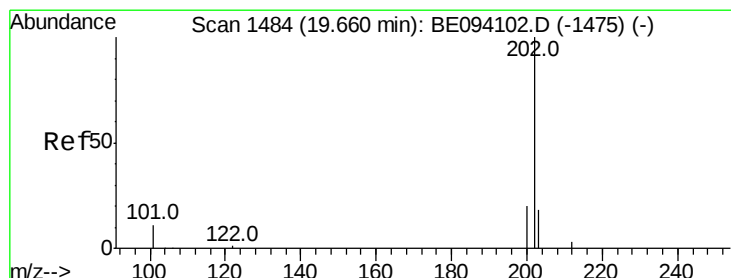
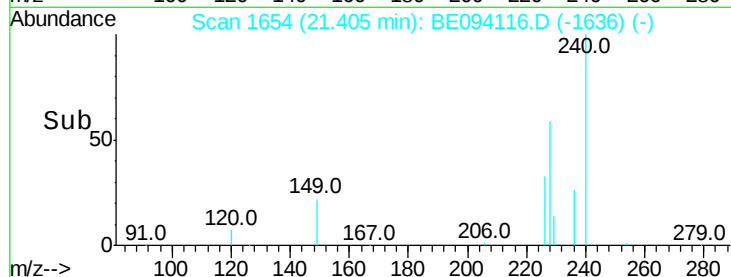
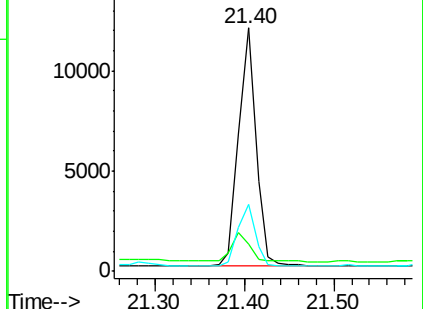
236 27.6 20.7 31.1



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



#28

Pyrene

Concen: 2.422 ng

RT: 19.65 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

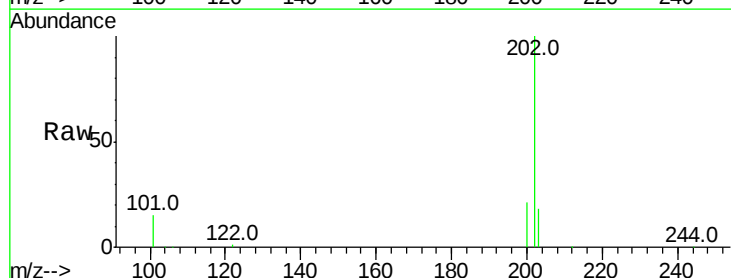
Tgt Ion:202 Resp: 124983

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

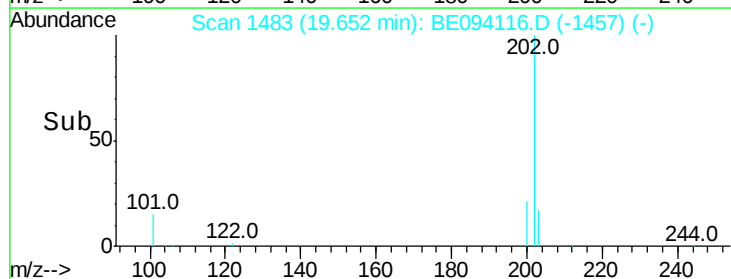
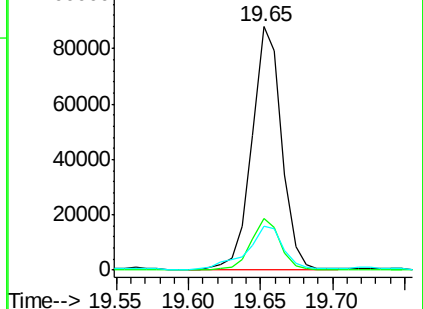
203 21.6 13.8 20.8#

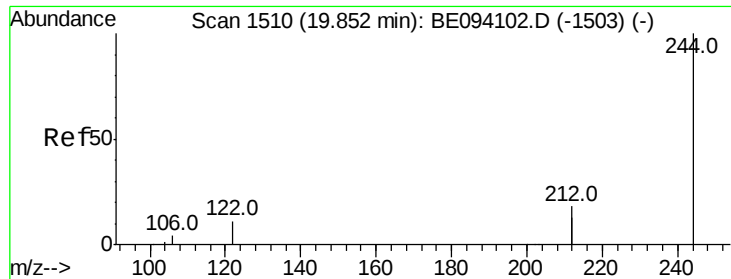


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.200 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

Instrument :

BNA_E

ClientSampleId :

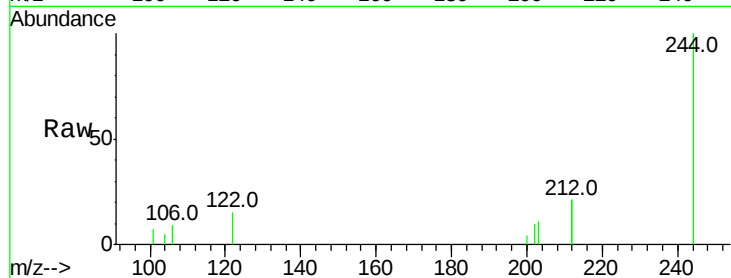
Tot Ion:244 Resp: 5949

Ion Ratio Lower Upper

244 100

212 42.0 25.4 38.0#

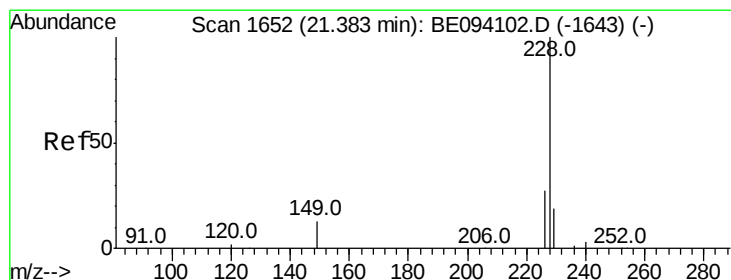
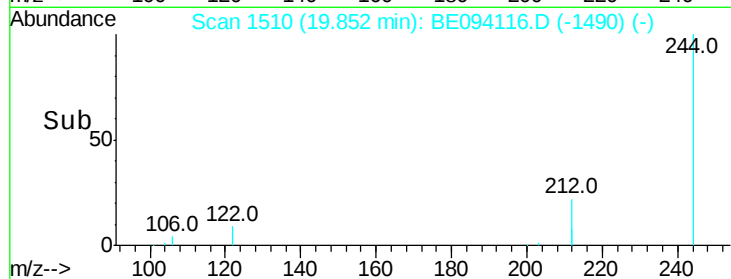
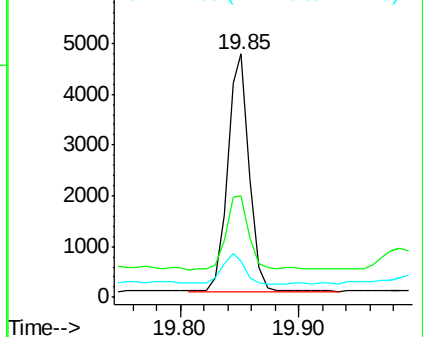
122 14.8 8.1 12.1#



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



#30

Benzo(a)anthracene

Concen: 1.088 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

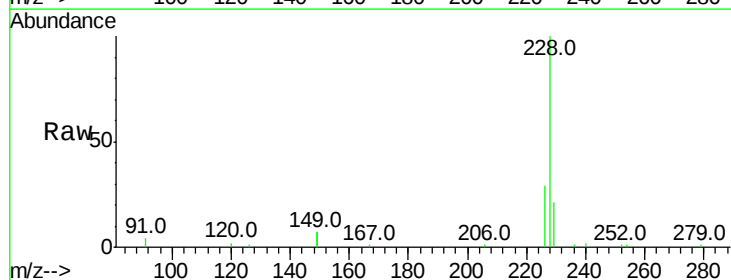
Tgt Ion:228 Resp: 59691

Ion Ratio Lower Upper

228 100

226 28.6 21.4 32.0

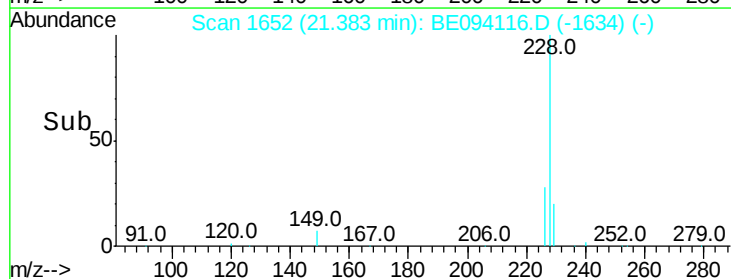
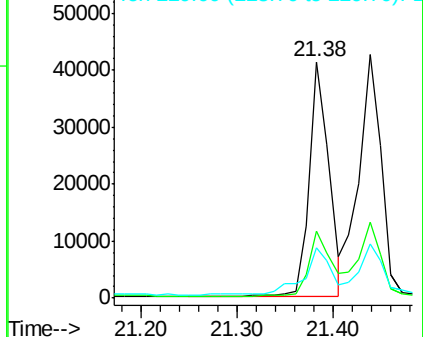
229 21.3 16.4 24.6

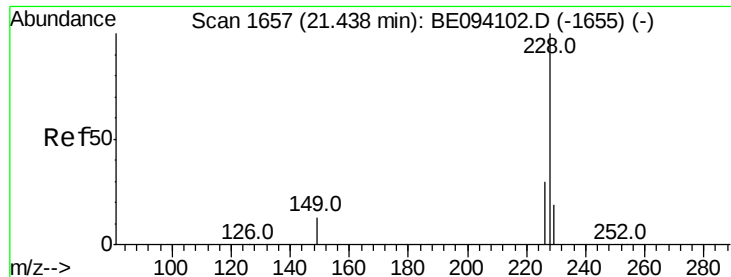


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.300 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

Instrument :

BNA_E

ClientSampleId :

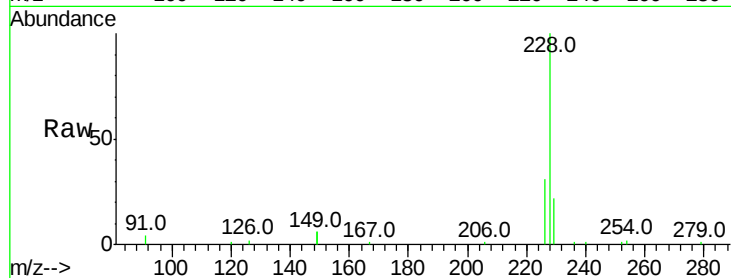
Tot Ion:228 Resp: 68785

Ion Ratio Lower Upper

228 100

226 31.1 23.6 35.4

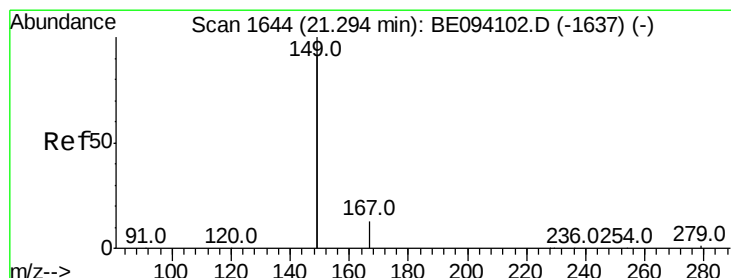
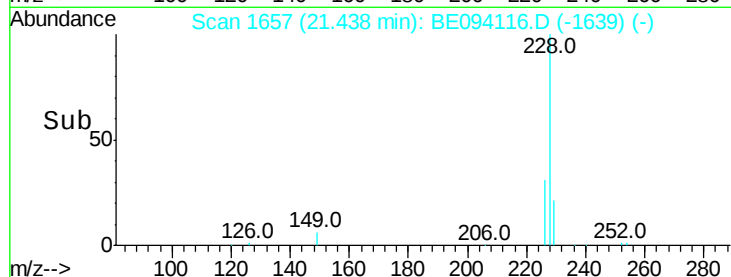
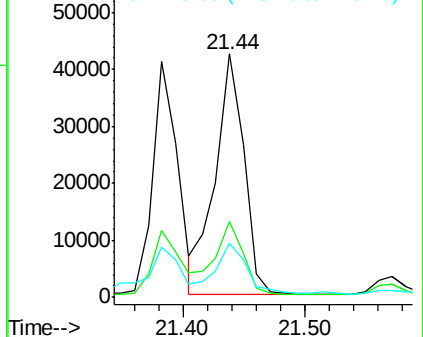
229 22.2 16.4 24.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.038 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

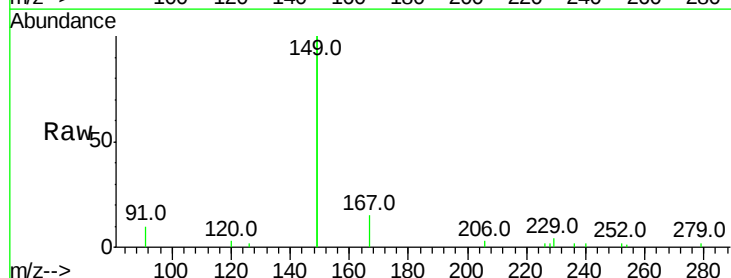
Tgt Ion:149 Resp: 40923

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

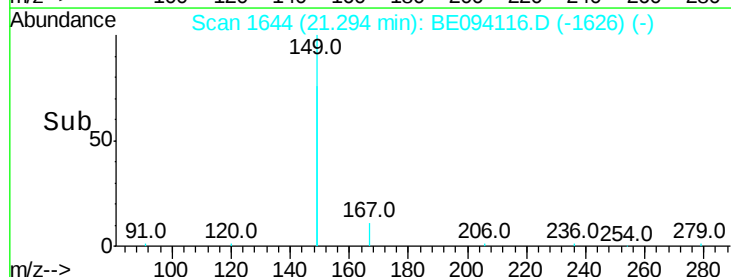
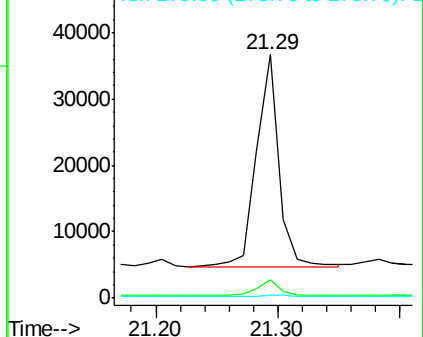
279 0.8 0.7 1.1

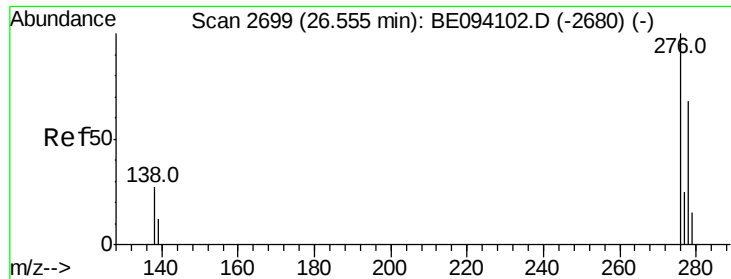


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.675 ng

RT: 26.55 min Scan# 2698

Delta R.T. -0.00 min

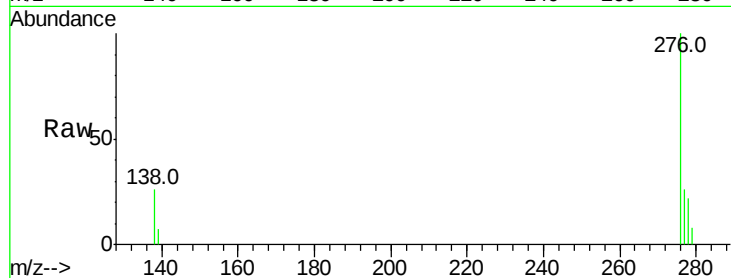
Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

Instrument :

BNA_E

ClientSampleId :



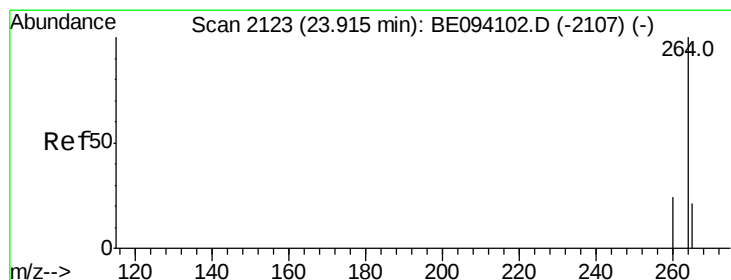
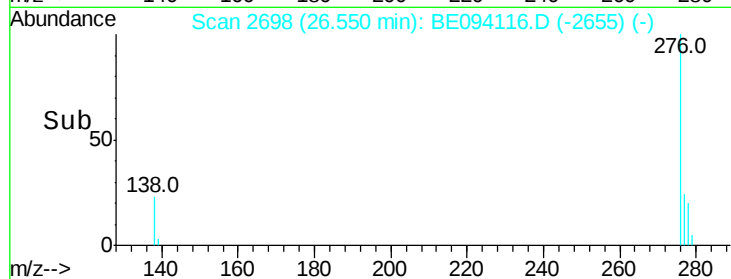
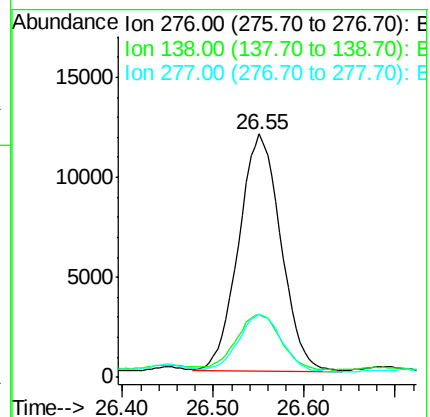
Tot Ion:276 Resp: 38217

Ion Ratio Lower Upper

276 100

138 24.4 22.5 33.7

277 24.9 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

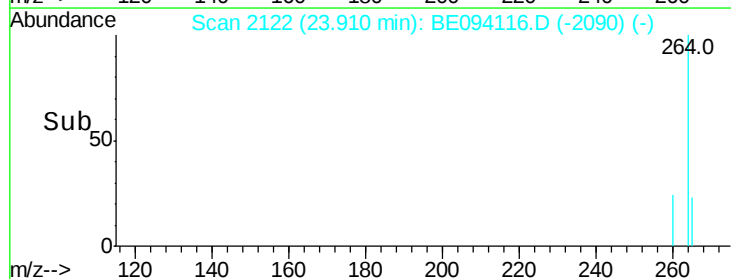
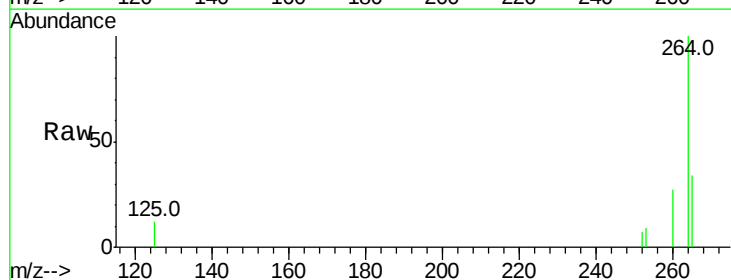
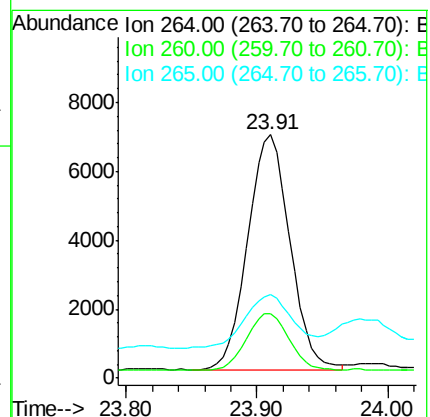
Tgt Ion:264 Resp: 15332

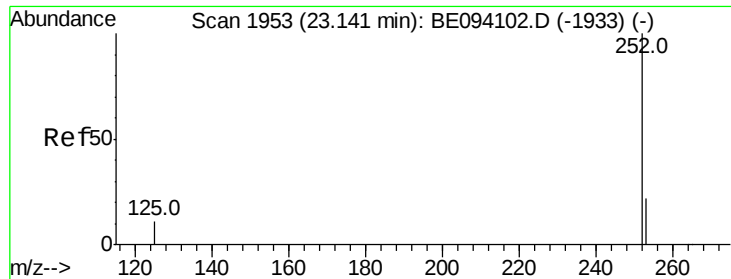
Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

265 34.3 22.8 34.2#





#35

Benzo(b)fluoranthene

Concen: 1.494 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

Instrument :

BNA_E

ClientSampled :

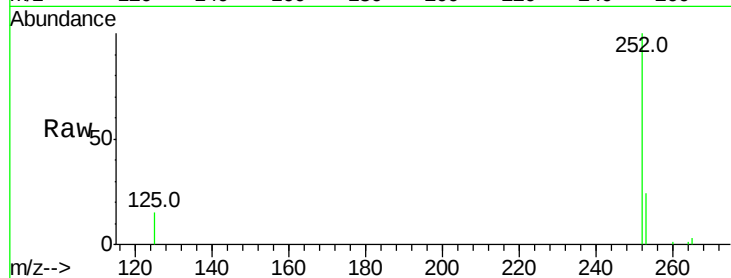
Tot Ion:252 Resp: 82624

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.2

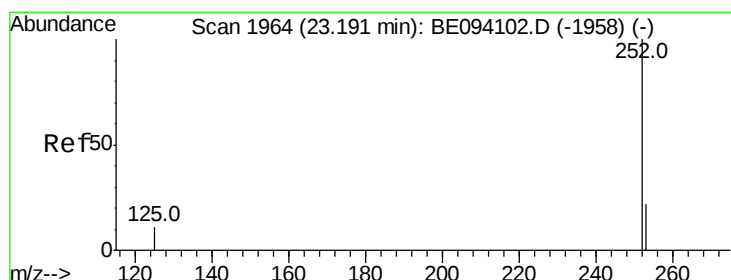
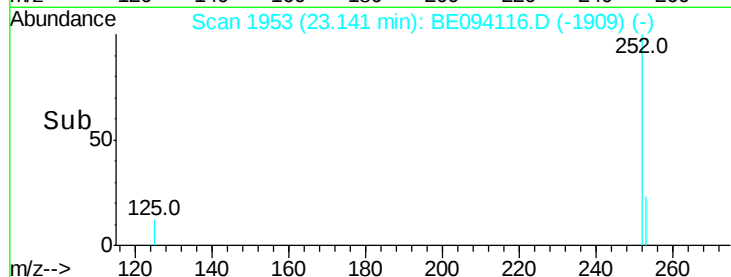
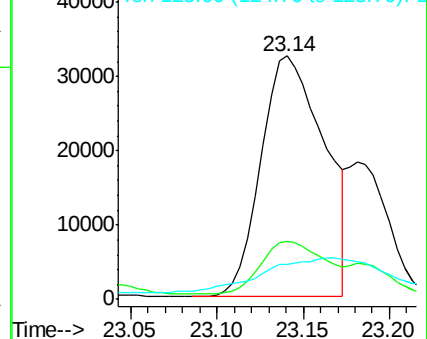
125 14.6 10.1 15.1



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



#36

Benzo(k)fluoranthene

Concen: 1.560 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.05 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

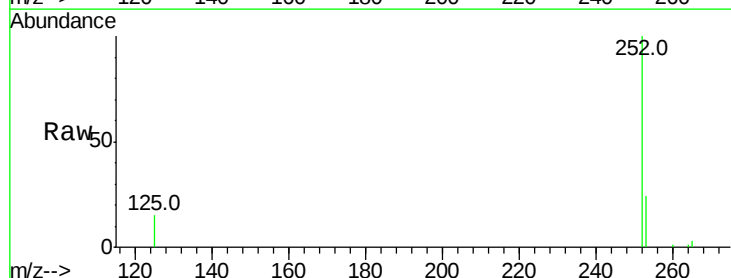
Tgt Ion:252 Resp: 82624

Ion Ratio Lower Upper

252 100

253 24.0 18.6 27.8

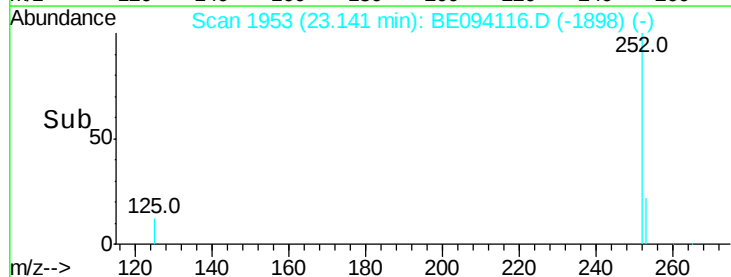
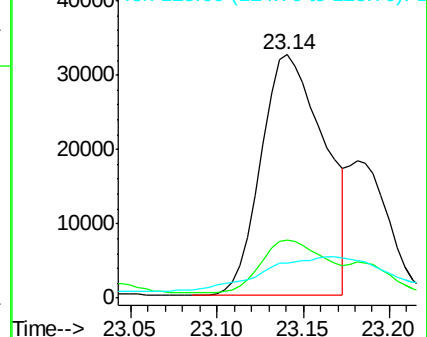
125 14.6 10.7 16.1

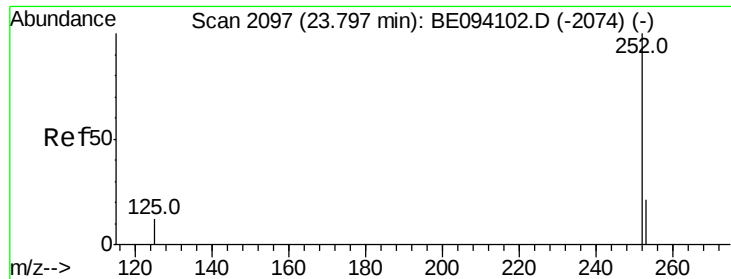


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.149 ng

RT: 23.79 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

Instrument :

BNA_E

ClientSampleId :

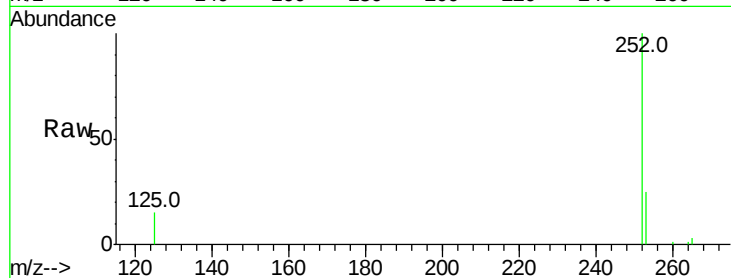
Tot Ion:252 Resp: 57434

Ion Ratio Lower Upper

252 100

253 24.5 19.0 28.6

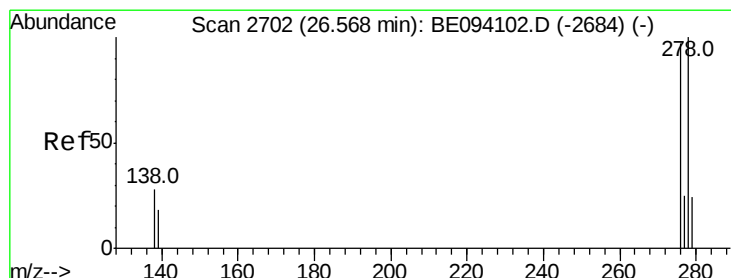
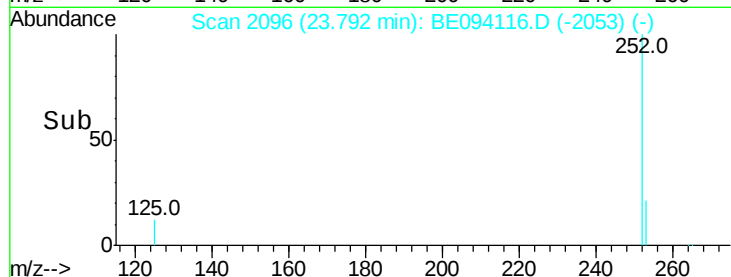
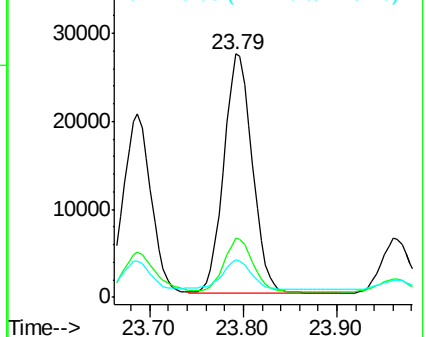
125 15.3 11.8 17.8



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



#38

Dibenzo(a,h)anthracene

Concen: 0.208 ng

RT: 26.56 min Scan# 2701

Delta R.T. -0.00 min

Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

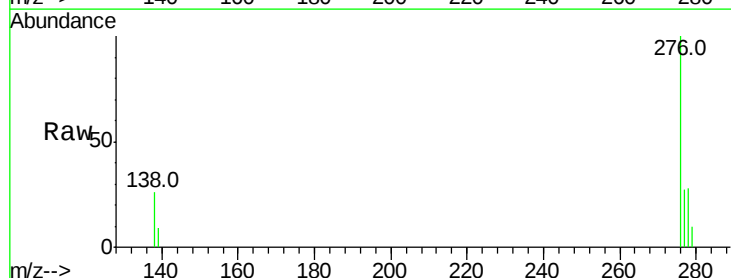
Tgt Ion:278 Resp: 9845

Ion Ratio Lower Upper

278 100

139 31.8 16.3 24.5#

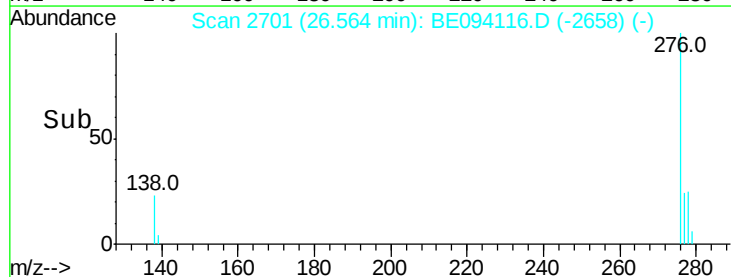
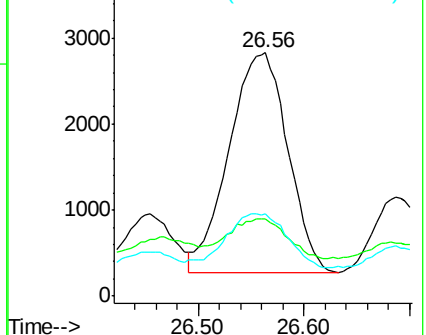
279 34.1 19.9 29.9#

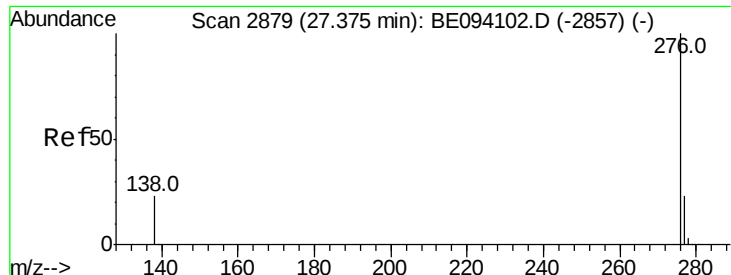


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.823 ng

RT: 27.37 min Scan# 2878

Delta R.T. -0.00 min

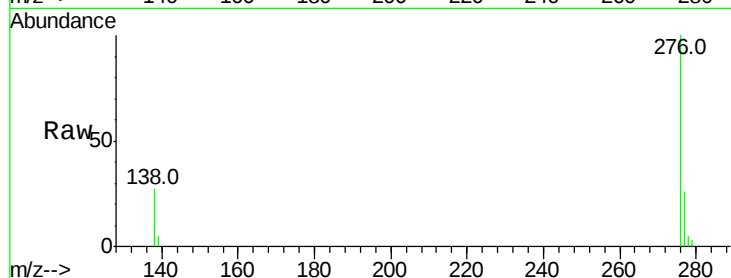
Lab File: BE094116.D

Acq: 25 Sep 2017 23:37

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 38551

Ion Ratio Lower Upper

276 100

277 25.8 20.8 31.2

138 26.9 21.5 32.3

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

