

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091517\
 Data File : BE094014.D
 Acq On : 15 Sep 2017 10:22
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 14:22:31 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2130	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11052	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6214	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	11355	0.40	ng	0.00
27) Chrysene-d12	21.41	240	14366	0.40	ng	-0.01
34) Perylene-d12	23.93	264	10208	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	2770	0.40	ng	-0.01
5) Phenol-d6	7.10	99	3957	0.38	ng	-0.01
8) Nitrobenzene-d5	9.08	82	3692	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	7164	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	679	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	9967	0.41	ng	0.00
25) Fluoranthene-d10	19.28	212	65242	0.39	ng	0.00
29) Terphenyl-d14	19.87	244	10691	0.40	ng	0.00

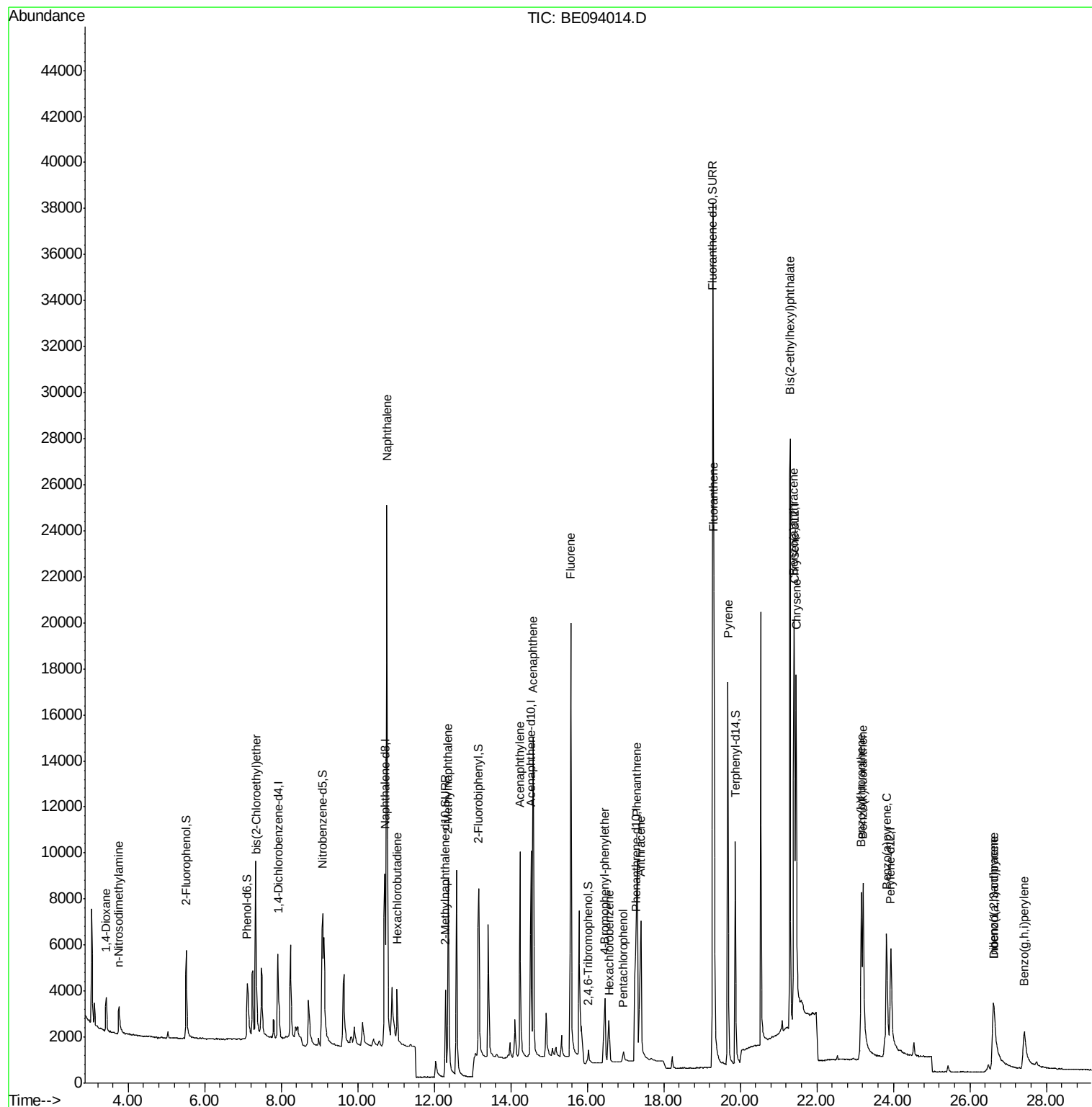
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	1146	0.390	ng	95
3) n-Nitrosodimethylamine	3.74	42	1456	0.423	ng	# 91
6) bis(2-Chloroethyl)ether	7.34	93	3331	0.394	ng	90
9) Naphthalene	10.76	128	50781	0.401	ng	100
10) Hexachlorobutadiene	11.03	225	1802	0.391	ng	100
12) 2-Methylnaphthalene	12.37	142	8385	0.398	ng	99
16) Acenaphthylene	14.24	152	11801	0.380	ng	100
17) Acenaphthene	14.58	154	8333	0.398	ng	99
18) Fluorene	15.56	166	10665	0.394	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	2611	0.395	ng	# 84
21) Hexachlorobenzene	16.58	284	2151	0.321	ng	# 100
22) Pentachlorophenol	16.94	266	749	0.416	ng	94
23) Phenanthrene	17.30	178	17927	0.503	ng	# 100
24) Anthracene	17.40	178	10623	0.307	ng	# 56
26) Fluoranthene	19.31	202	19175	0.379	ng	100
28) Pyrene	19.67	202	20161	0.408	ng	100
30) Benzo(a)anthracene	21.40	228	15909	0.361	ng	100
31) Chrysene	21.46	228	19421	0.416	ng	97
32) Bis(2-ethylhexyl)phthalate	21.30	149	36917	0.345	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	7743	0.249	ng	95
35) Benzo(b)fluoranthene	23.16	252	12909	0.397	ng	98
36) Benzo(k)fluoranthene	23.21	252	17873	0.449	ng	96
37) Benzo(a)pyrene	23.82	252	13166	0.398	ng	# 90
38) Dibenzo(a,h)anthracene	26.63	278	5787	0.264	ng	# 88
39) Benzo(g,h,i)perylene	27.42	276	7088	0.306	ng	95

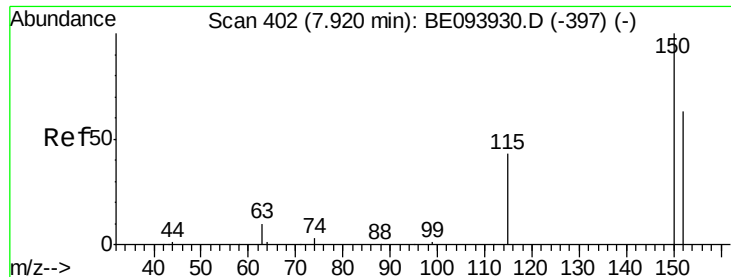
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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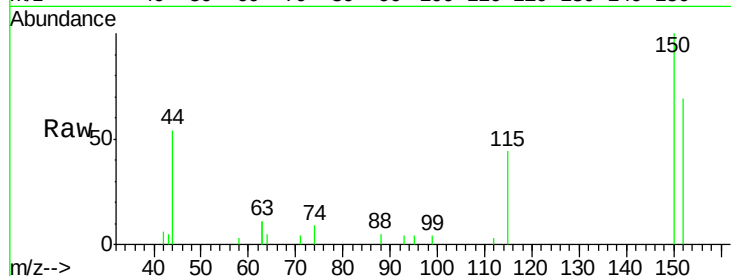


#1

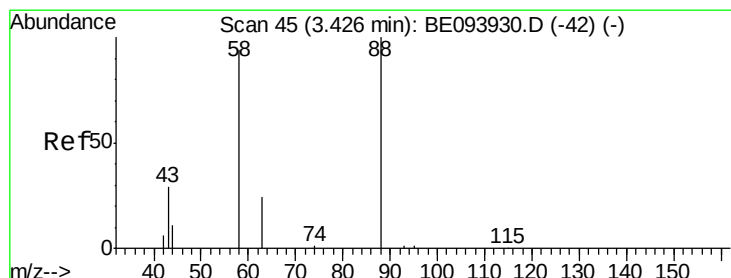
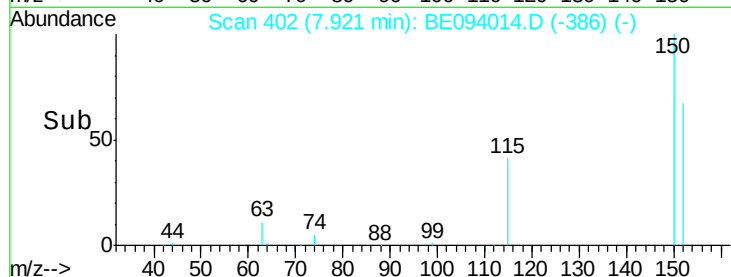
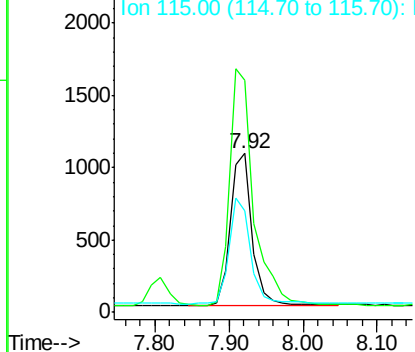
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE094014.D
Acq: 15 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 152 Resp: 2130
Ion Ratio Lower Upper
152 100
150 145.7 121.8 182.6
115 63.8 52.6 79.0



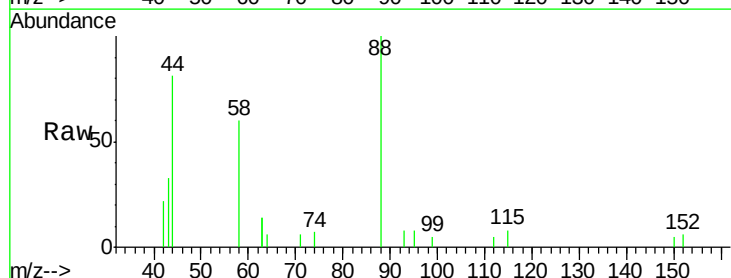
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



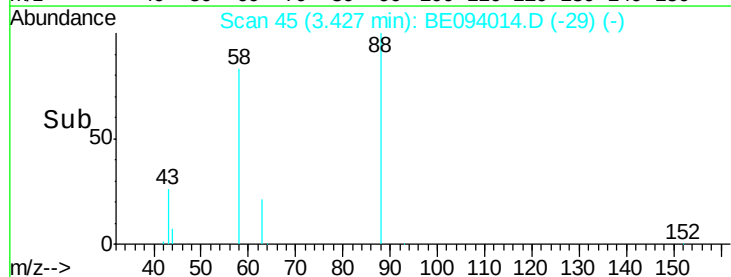
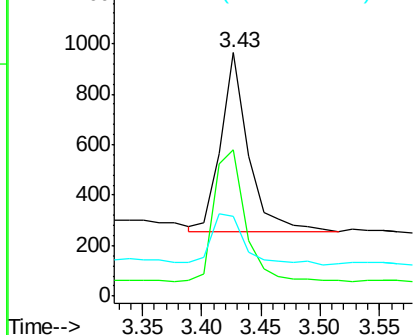
#2

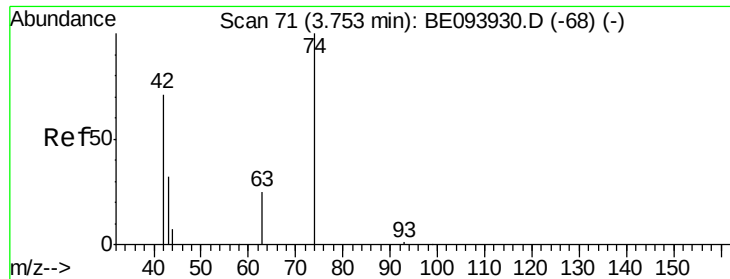
1,4-Dioxane
Concen: 0.390 ng
RT: 3.43 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE094014.D
Acq: 15 Sep 2017 10:22

Tgt Ion: 88 Resp: 1146
Ion Ratio Lower Upper
88 100
58 84.6 65.4 98.0
43 34.6 23.9 35.9



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.423 ng

RT: 3.74 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

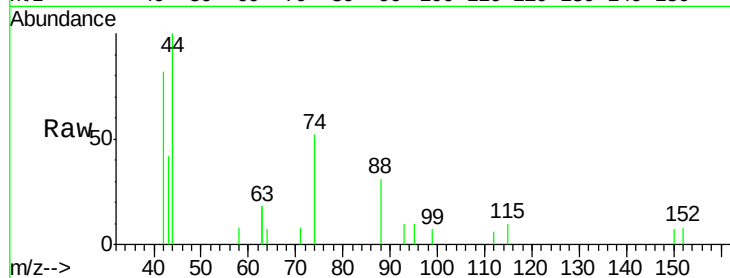
Tgt Ion: 42 Resp: 1456

Ion Ratio Lower Upper

42 100

74 120.1 104.0 156.0

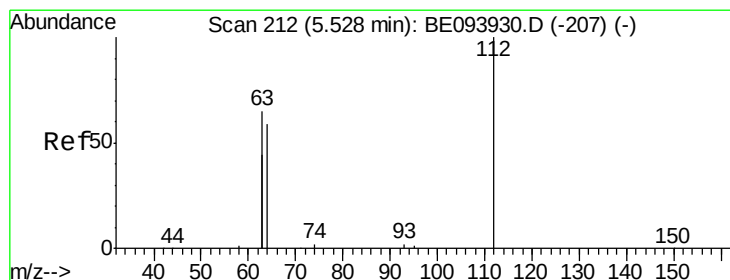
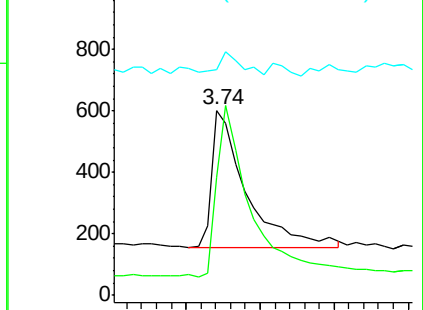
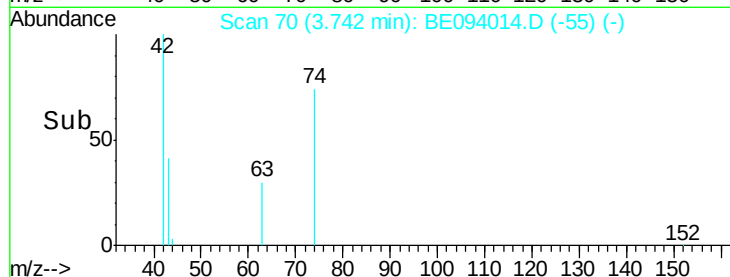
44 10.4 13.8 20.8#



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: 0.402 ng

RT: 5.52 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

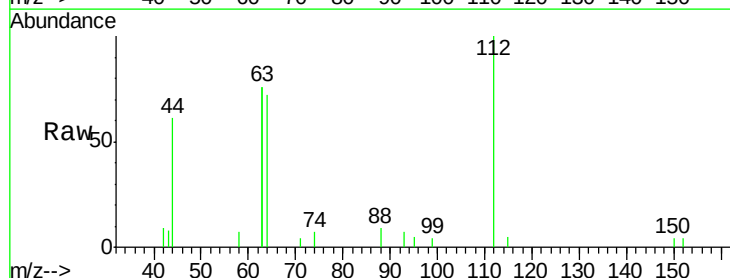
Tgt Ion: 112 Resp: 2770

Ion Ratio Lower Upper

112 100

64 73.3 57.7 86.5

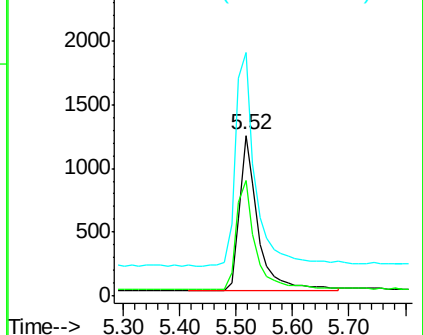
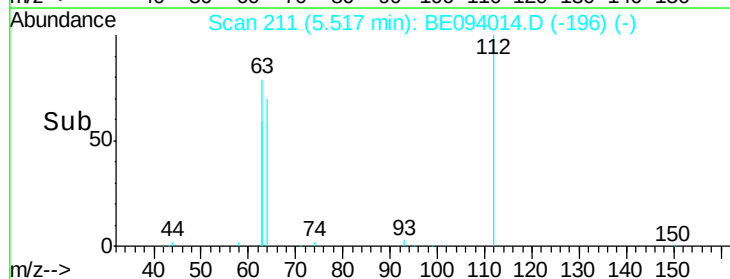
63 149.0 116.0 174.0

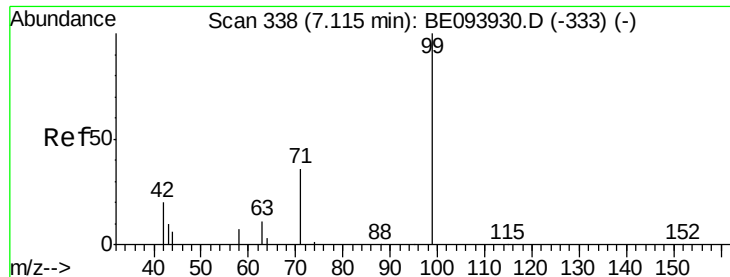


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.383 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.01 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

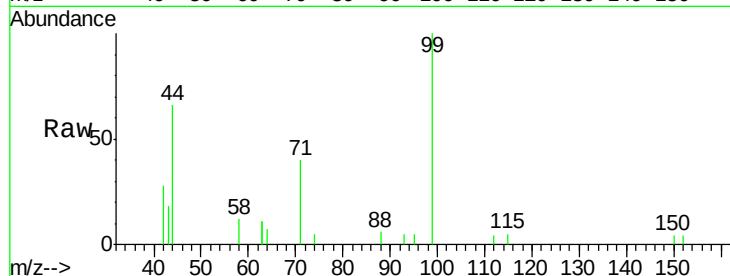
Tgt Ion: 99 Resp: 3957

Ion Ratio Lower Upper

99 100

42 23.4 17.1 25.7

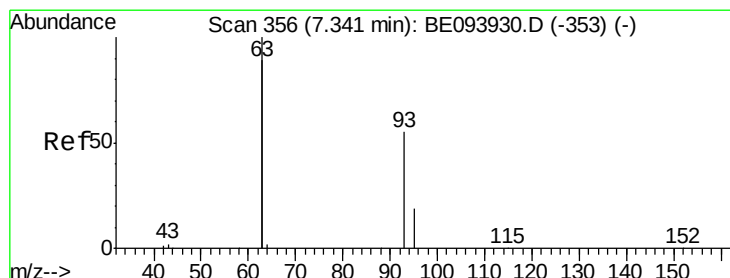
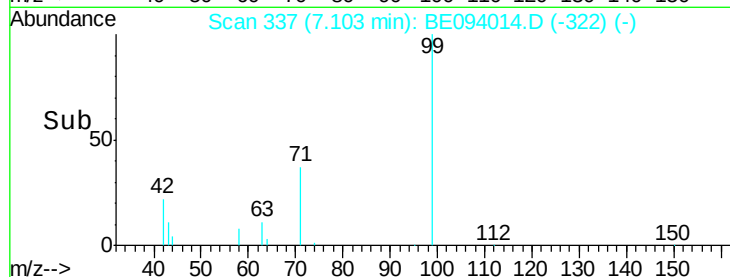
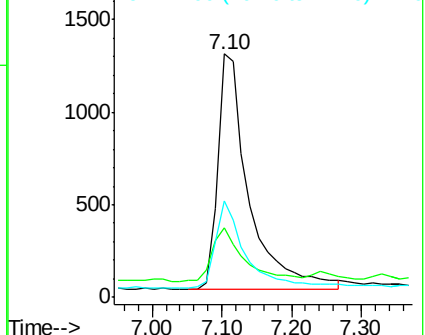
71 35.0 26.6 39.8



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: 0.394 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

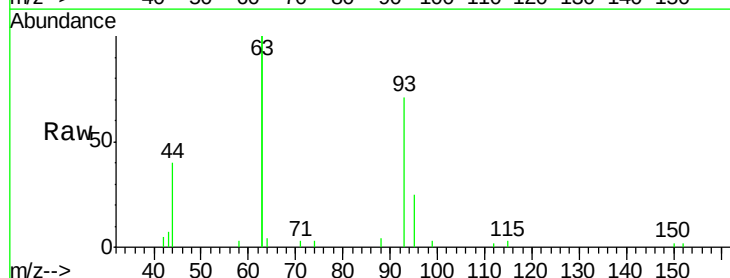
Tgt Ion: 93 Resp: 3331

Ion Ratio Lower Upper

93 100

63 331.3 283.4 425.2

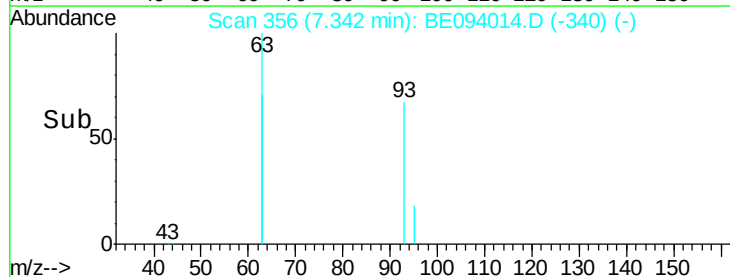
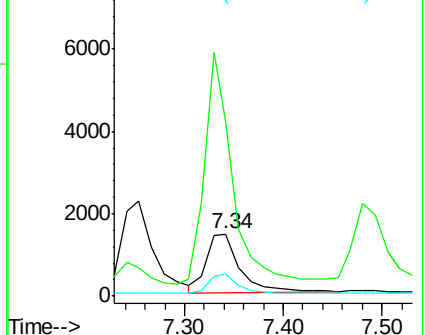
95 30.3 26.9 40.3

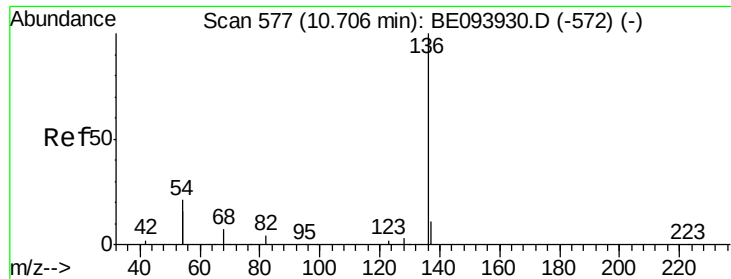


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

Tgt Ion: 136 Resp: 11052

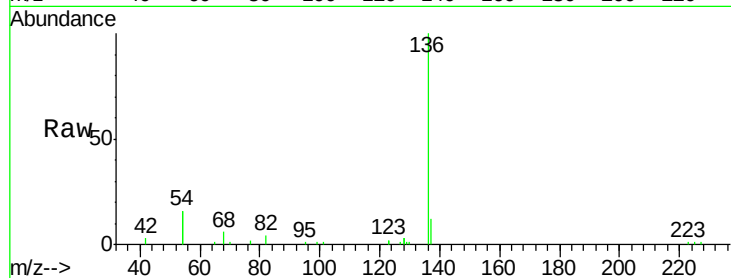
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 32.0 21.9 32.9

68 6.3 4.6 7.0

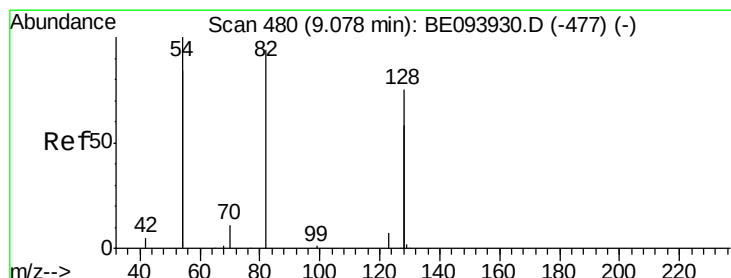
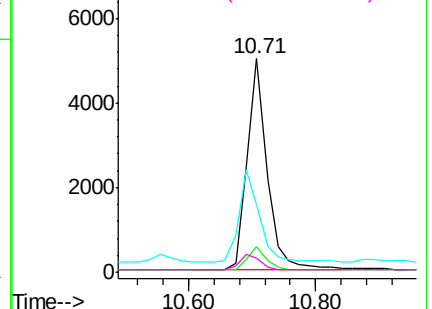
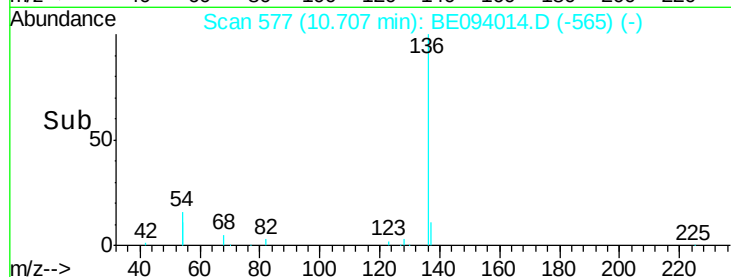


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.395 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

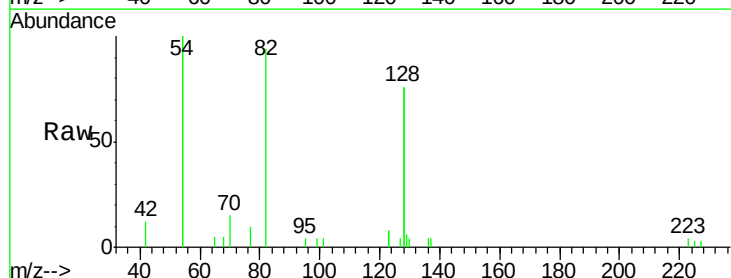
Tgt Ion: 82 Resp: 3692

Ion Ratio Lower Upper

82 100

128 162.8 91.4 137.0#

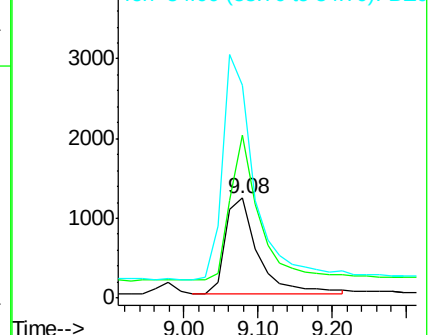
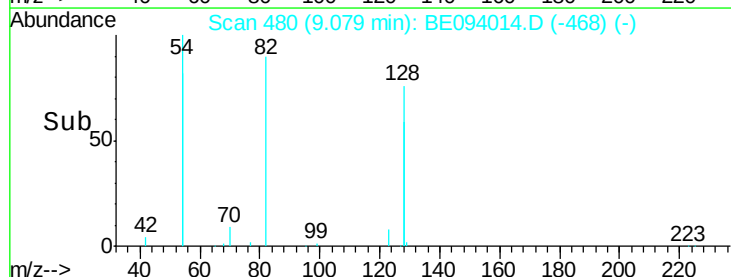
54 213.4 197.8 296.8

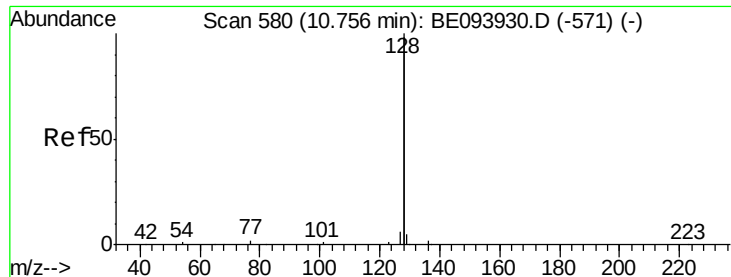


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.401 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

Instrument :

BNA_E

ClientSampled :

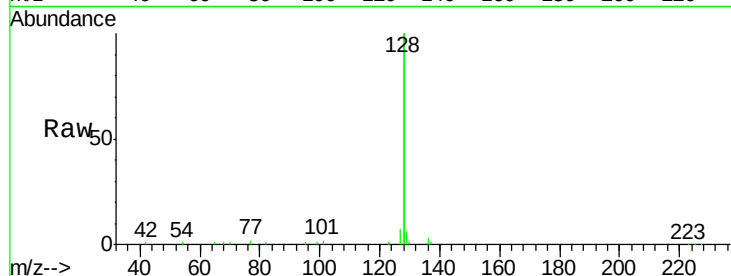
Tgt Ion:128 Resp: 50781

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

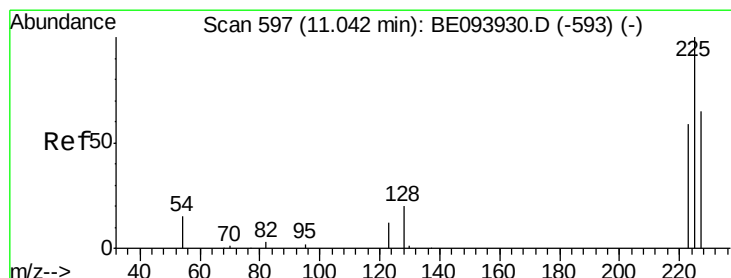
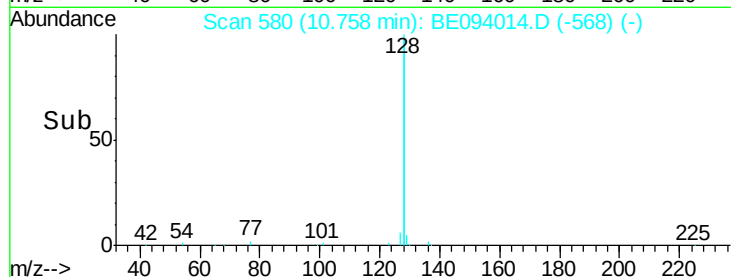
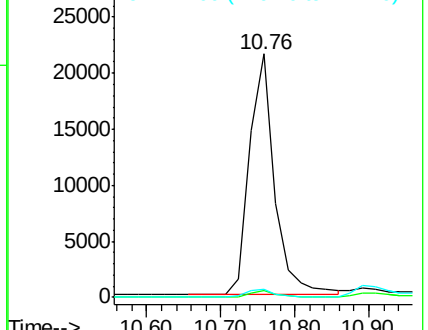
127 3.3 2.6 4.0



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: 0.391 ng

RT: 11.03 min Scan# 596

Delta R.T. -0.02 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

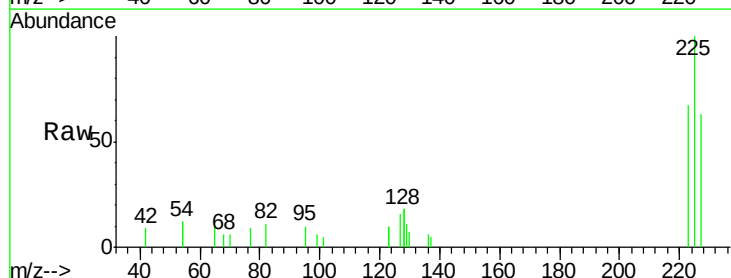
Tgt Ion:225 Resp: 1802

Ion Ratio Lower Upper

225 100

223 61.6 49.4 74.0

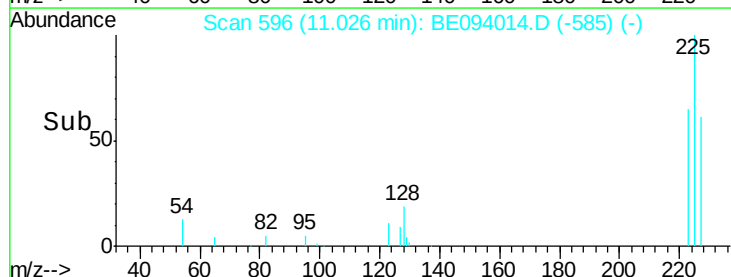
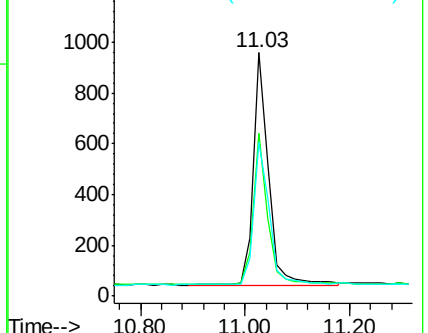
227 62.8 50.5 75.7

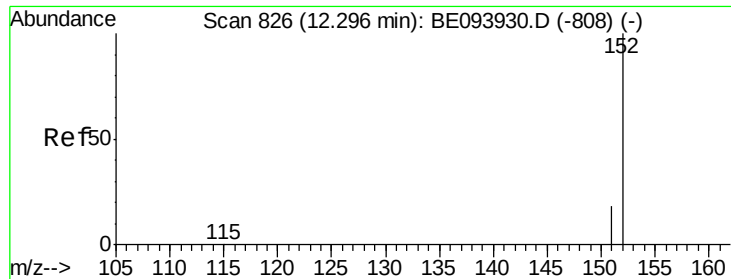


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

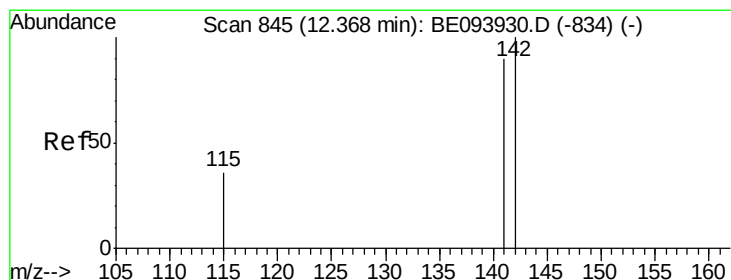
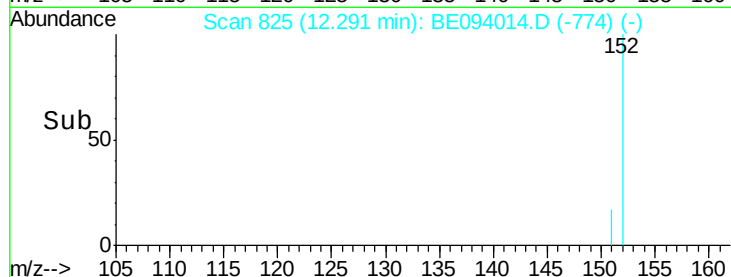
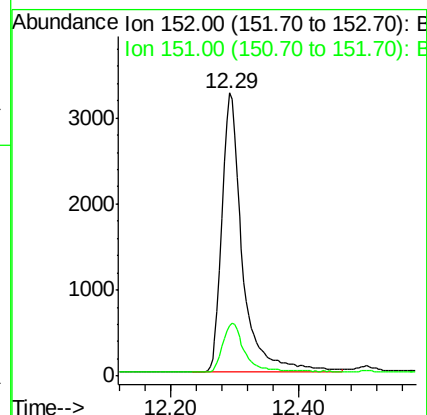
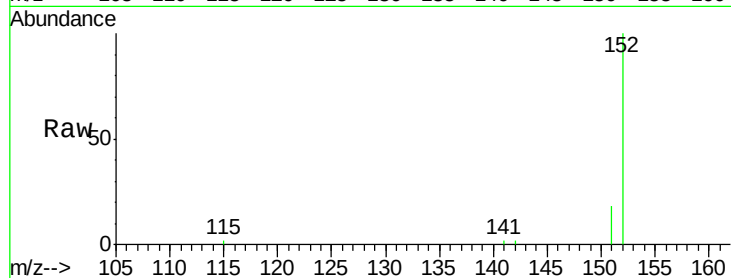




#11
 2-Methylnaphthalene-d10
 Concen: 0.405 ng
 RT: 12.29 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE094014.D
 Acq: 15 Sep 2017 10:22

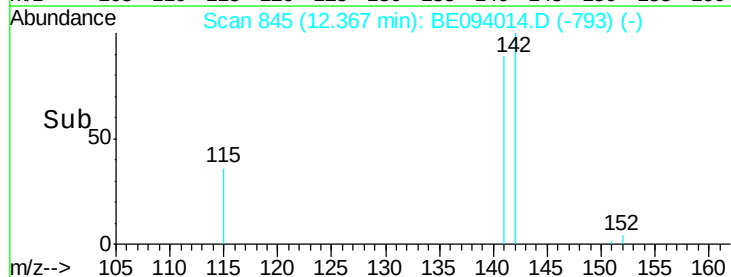
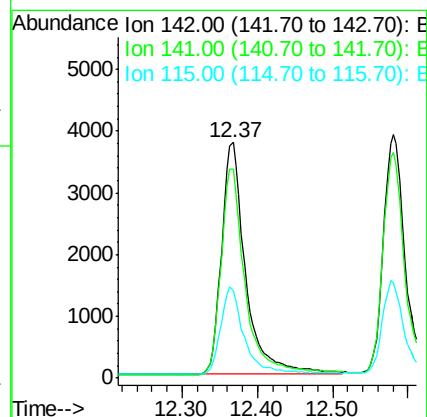
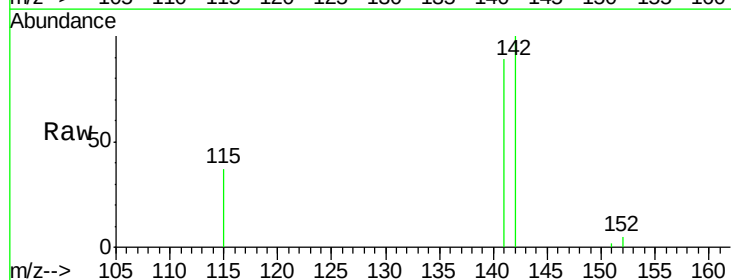
Instrument :
 BNA_E
 ClientSampleId :

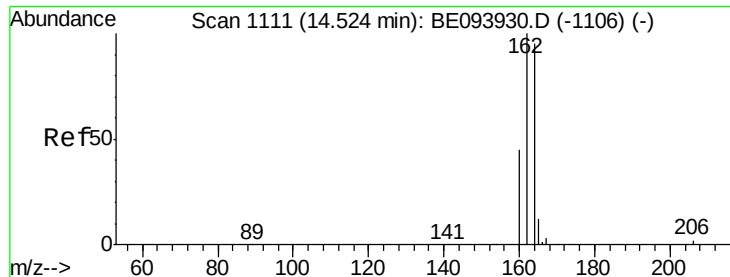
Tgt Ion:152 Resp: 7164
 Ion Ratio Lower Upper
 152 100
 151 18.7 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.398 ng
 RT: 12.37 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BE094014.D
 Acq: 15 Sep 2017 10:22

Tgt Ion:142 Resp: 8385
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.4 107.2
 115 37.0 29.4 44.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

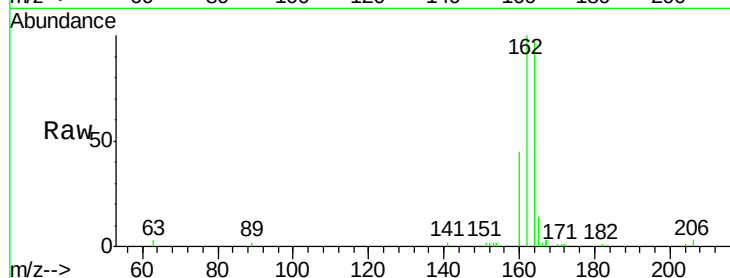
Tgt Ion:164 Resp: 6214

Ion Ratio Lower Upper

164 100

162 102.6 80.8 121.2

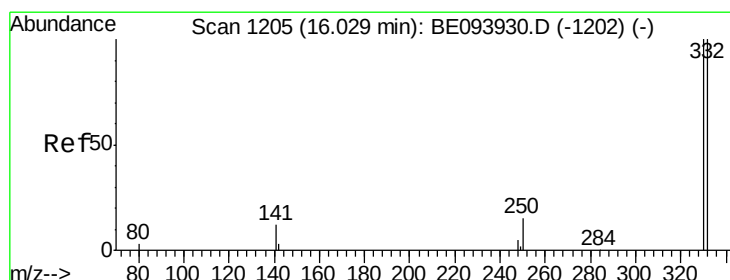
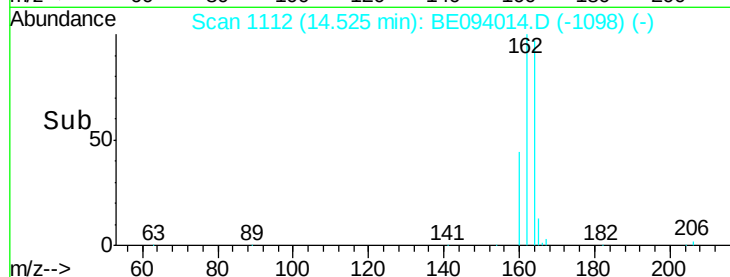
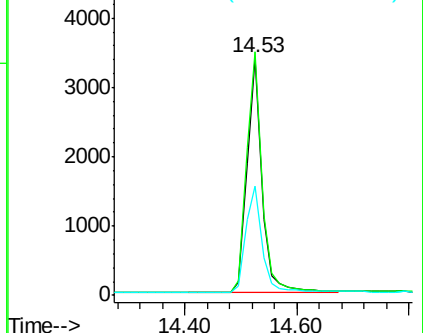
160 46.1 37.0 55.4



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



#14

2,4,6-Tribromophenol

Concen: 0.353 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

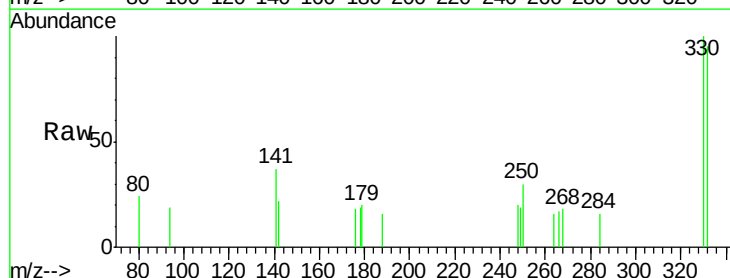
Tgt Ion:330 Resp: 679

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

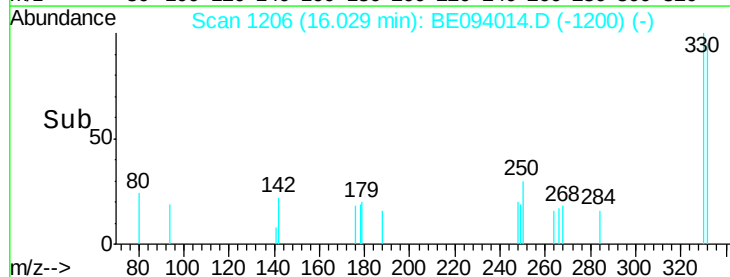
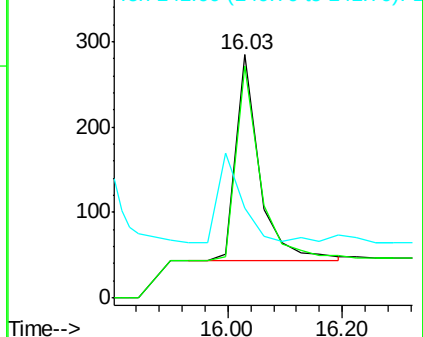
141 0.0 0.0 0.0

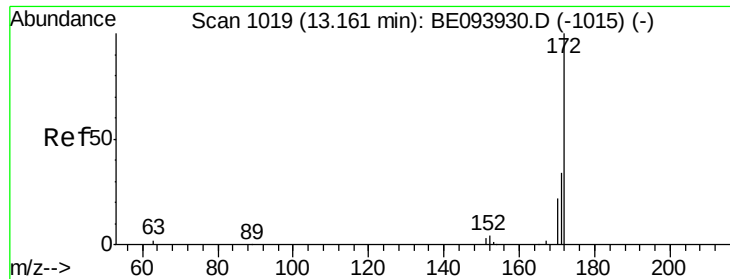


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

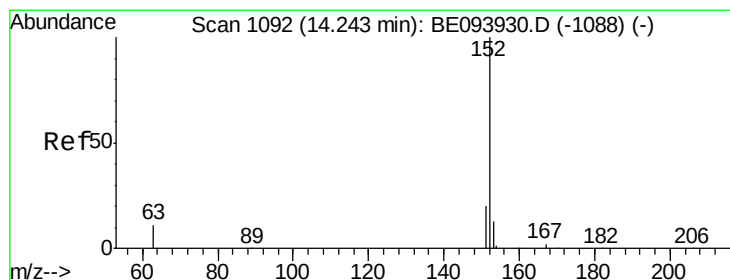
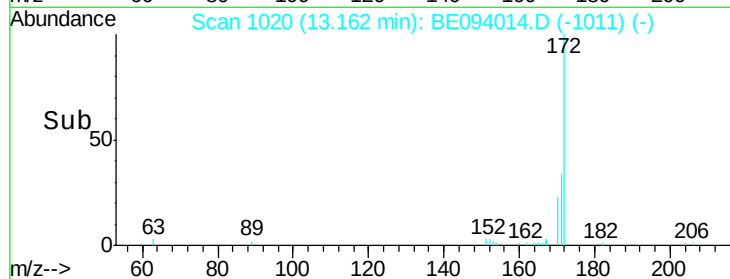
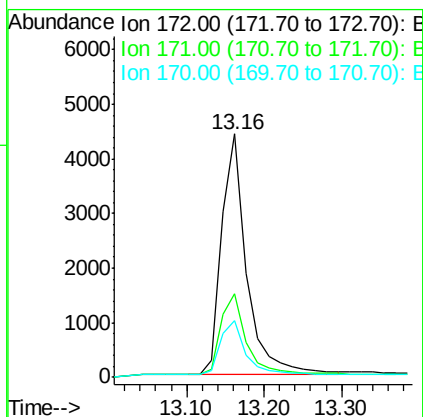
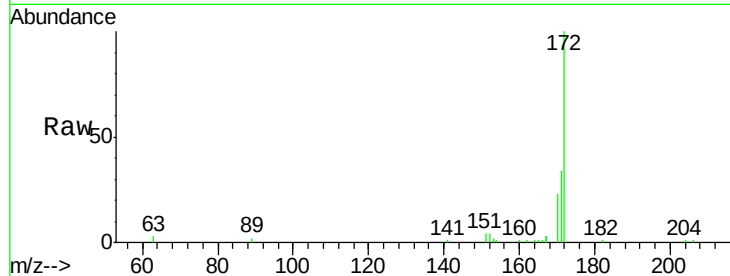




#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE094014.D
Acq: 15 Sep 2017 10:22

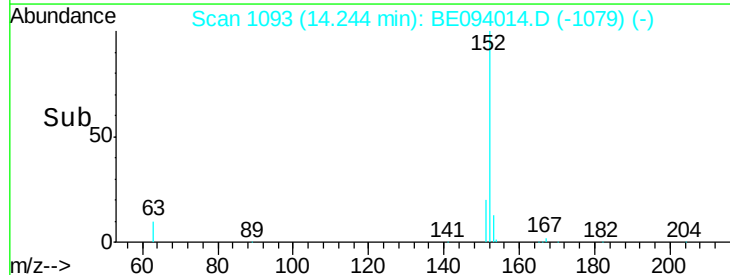
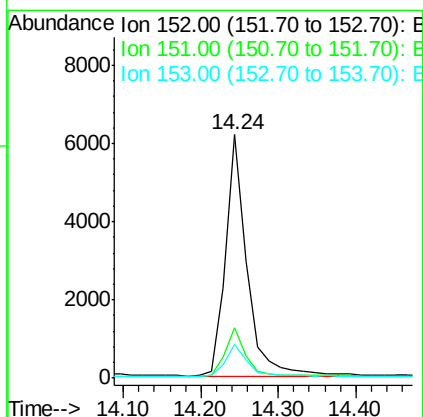
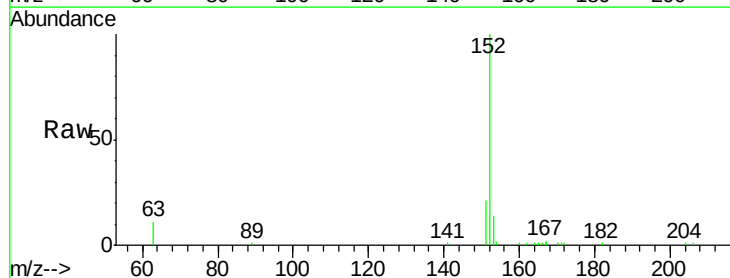
Instrument :
BNA_E
ClientSampleId :

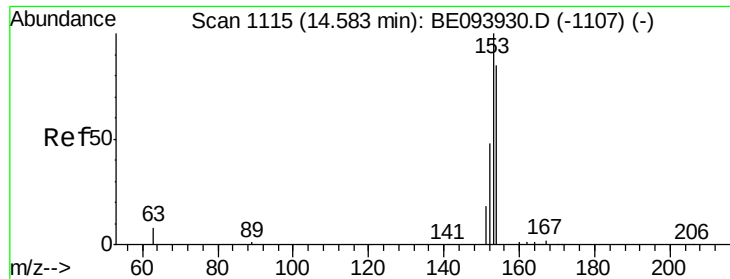
Tgt Ion:172 Resp: 9967
Ion Ratio Lower Upper
172 100
171 34.4 26.9 40.3
170 23.3 17.3 25.9



#16
Acenaphthylene
Concen: 0.380 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094014.D
Acq: 15 Sep 2017 10:22

Tgt Ion:152 Resp: 11801
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.4 10.6 16.0





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

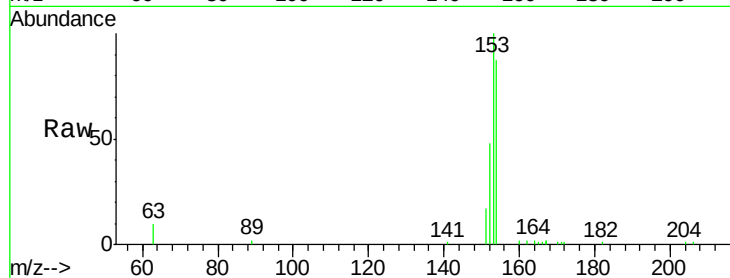
Tgt Ion:154 Resp: 8333

Ion Ratio Lower Upper

154 100

153 113.9 91.8 137.6

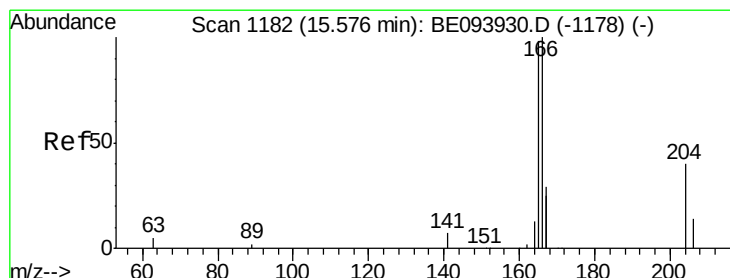
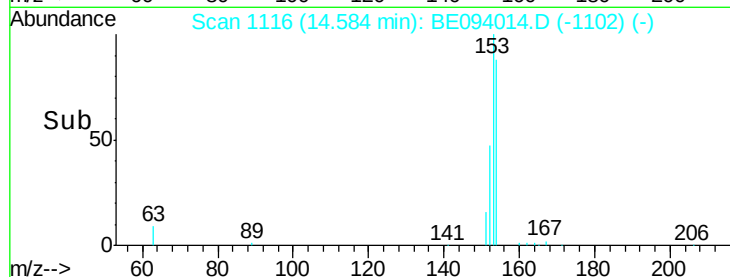
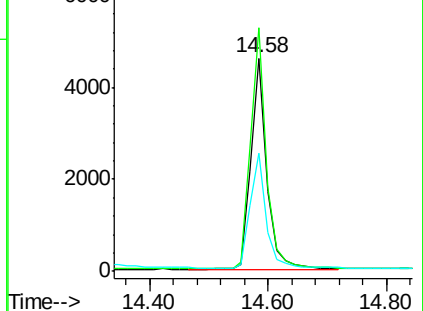
152 54.7 44.9 67.3



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: 0.394 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

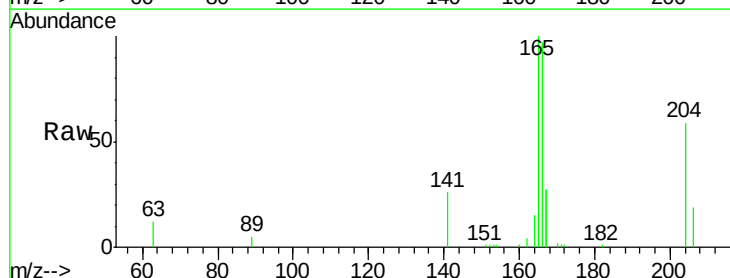
Tgt Ion:166 Resp: 10665

Ion Ratio Lower Upper

166 100

165 97.5 79.4 119.0

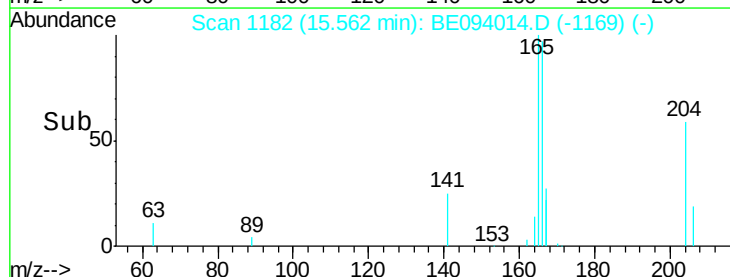
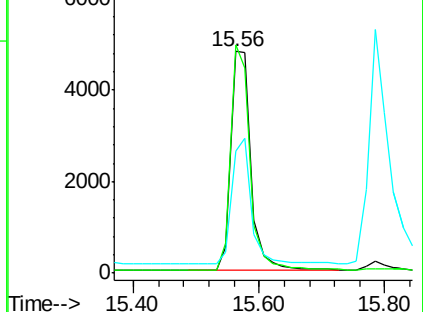
167 54.2 43.5 65.3

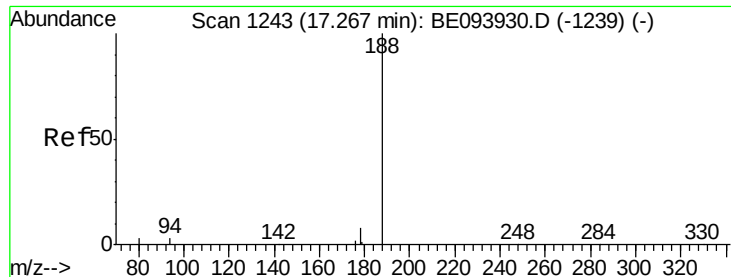


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

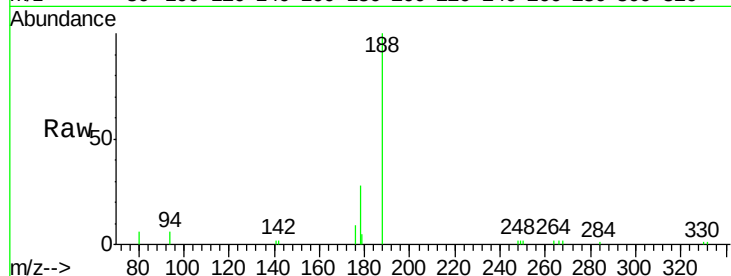
Tgt Ion:188 Resp: 11355

Ion Ratio Lower Upper

188 100

94 5.7 16.1 24.1#

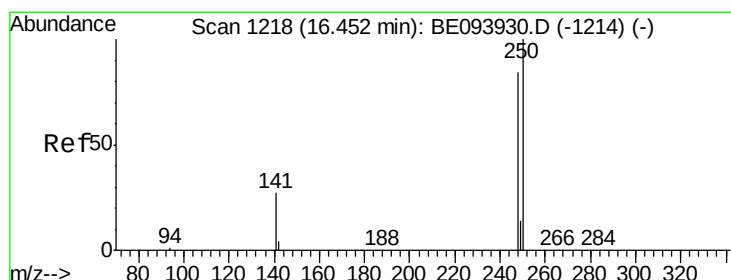
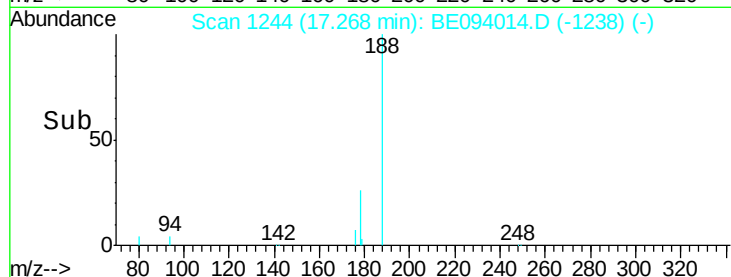
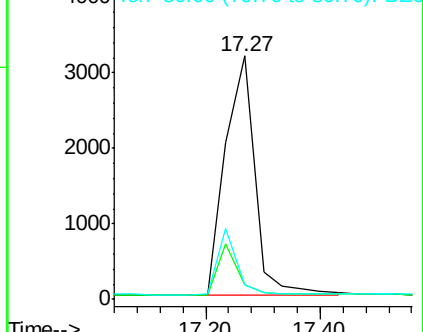
80 5.7 18.2 27.2#



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: 0.395 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

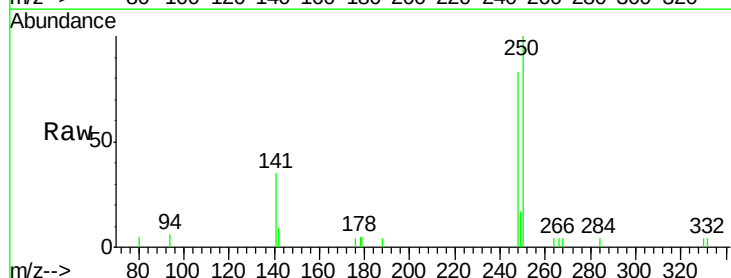
Tgt Ion:248 Resp: 2611

Ion Ratio Lower Upper

248 100

250 120.3 111.8 167.8

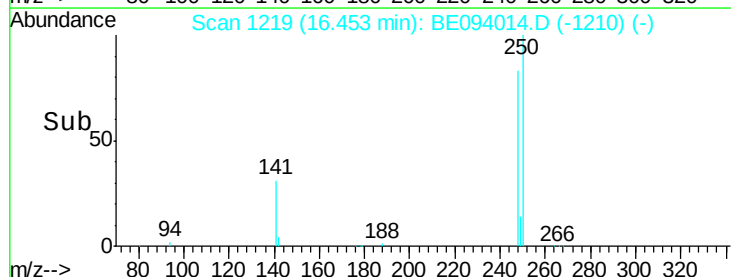
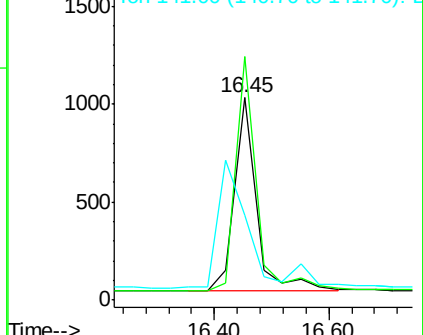
141 41.9 27.1 40.7#

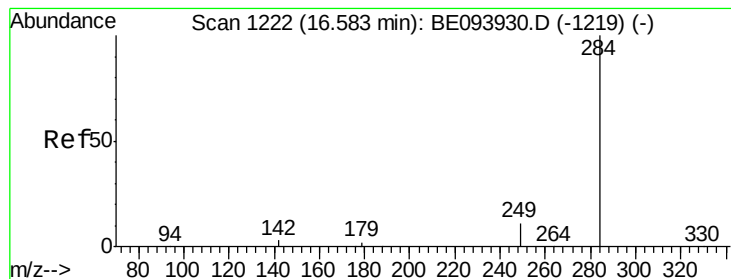


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.321 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

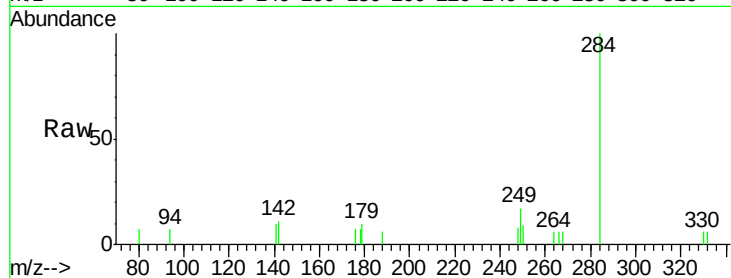
Tgt Ion:284 Resp: 2151

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

249 0.0 0.0 0.0

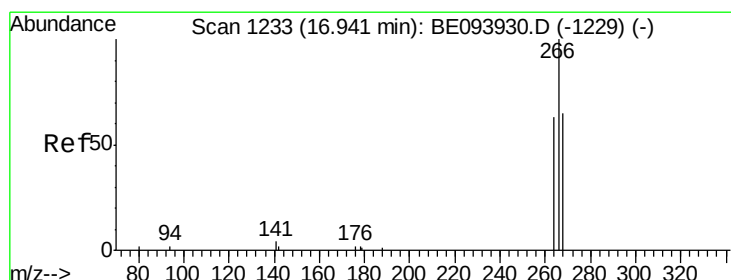
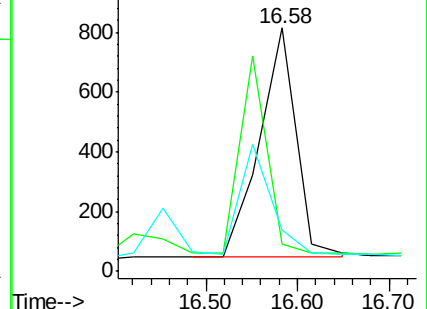
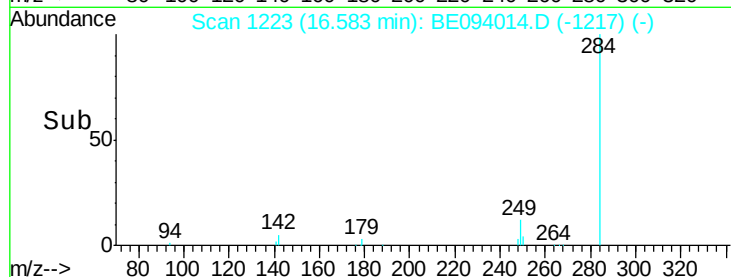


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



#22

Pentachlorophenol

Concen: 0.416 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

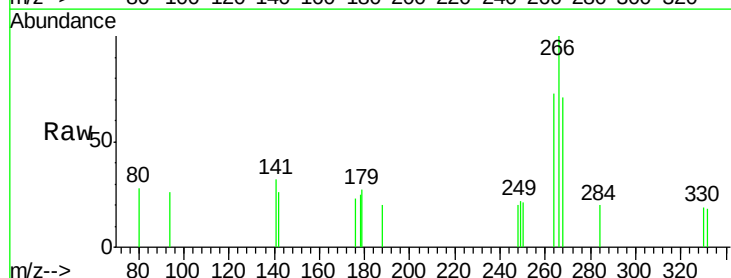
Tgt Ion:266 Resp: 749

Ion Ratio Lower Upper

266 100

264 72.5 53.5 80.3

268 71.2 60.0 90.0

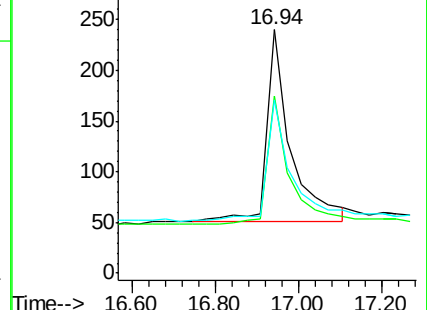
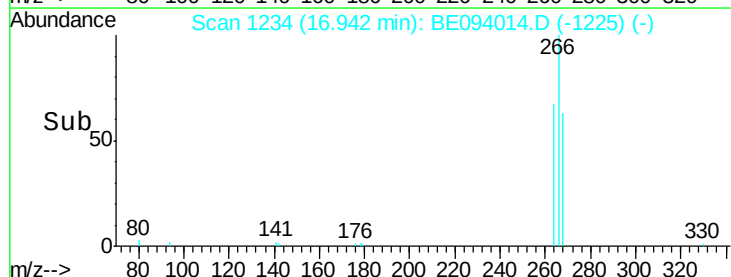


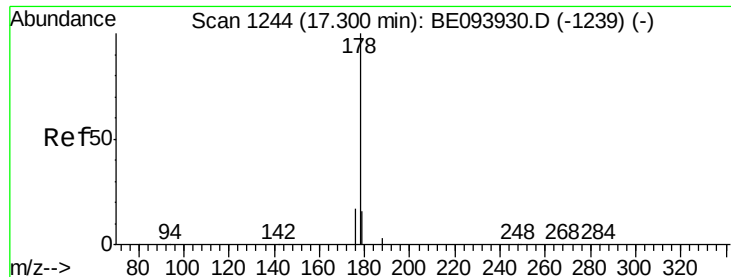
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

Time-->





#23

Phenanthrene

Concen: 0.503 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

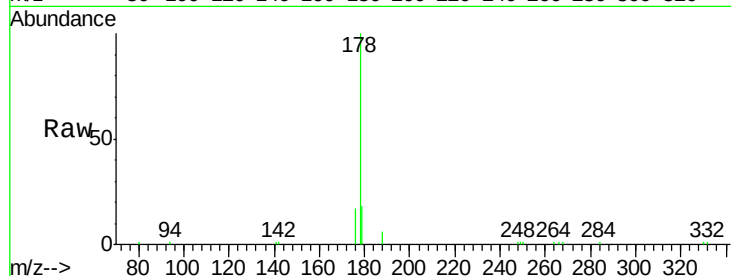
Tgt Ion:178 Resp: 17927

Ion Ratio Lower Upper

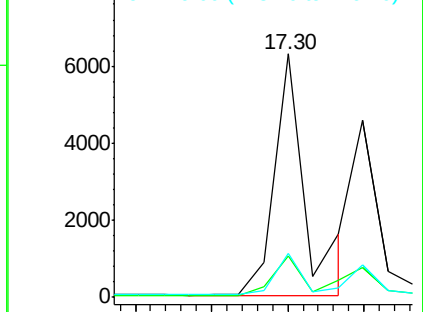
178 100

176 18.8 0.0 0.0#

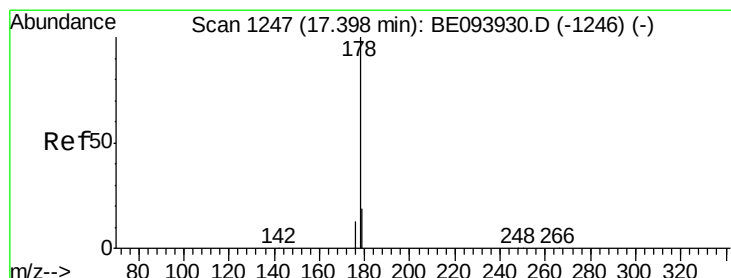
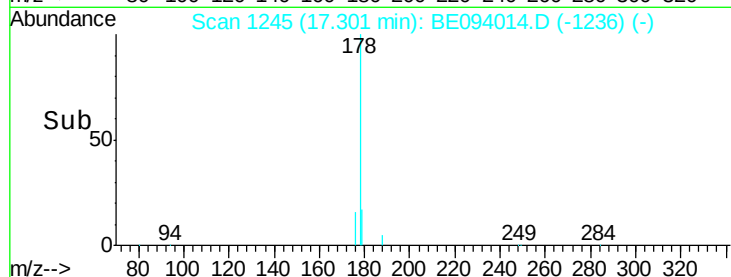
179 15.8 12.6 18.8



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



Time-->



#24

Anthracene

Concen: 0.307 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

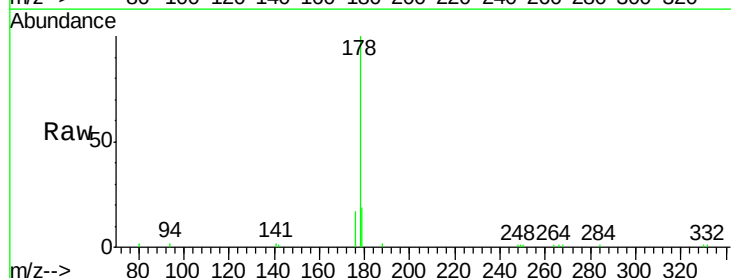
Tgt Ion:178 Resp: 10623

Ion Ratio Lower Upper

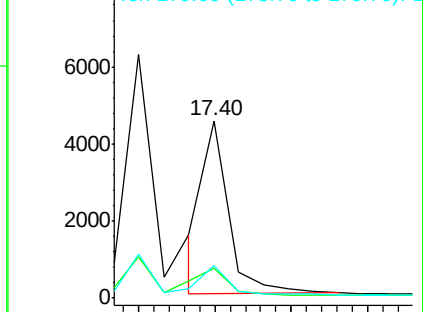
178 100

176 0.0 16.0 24.0#

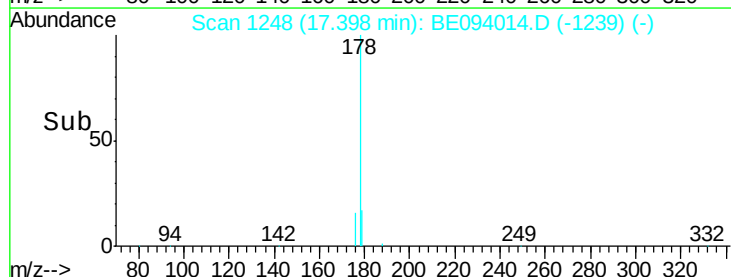
179 17.8 0.0 0.0#

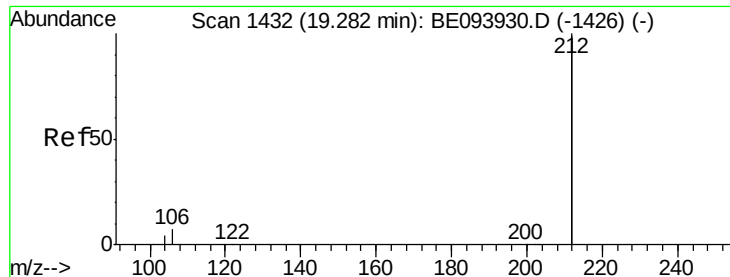


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

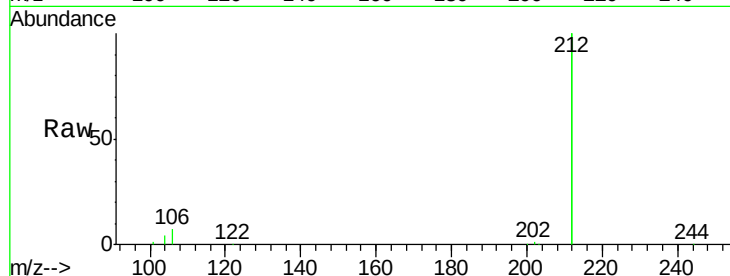
Tgt Ion:212 Resp: 65242

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

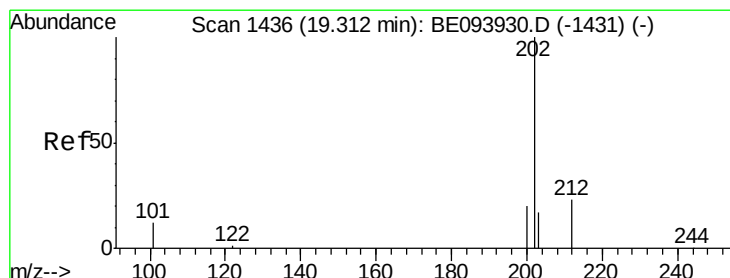
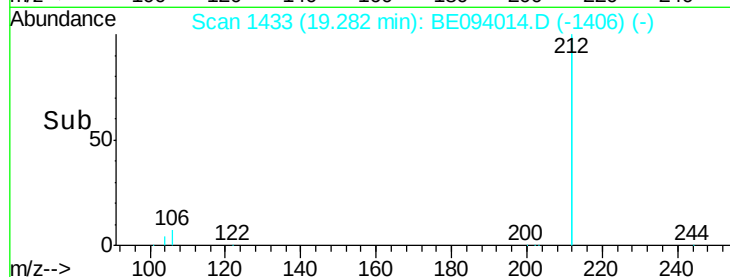
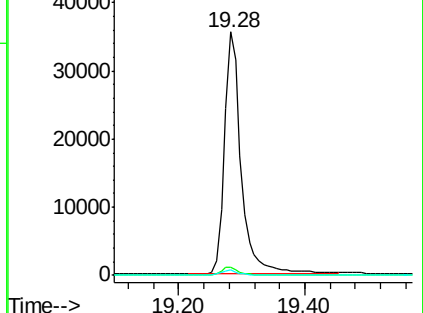
104 2.0 1.6 2.4



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: 0.379 ng

RT: 19.31 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

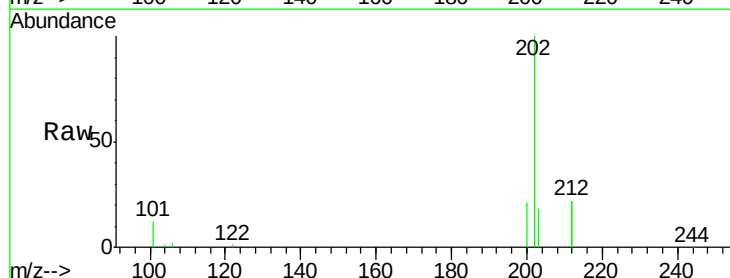
Tgt Ion:202 Resp: 19175

Ion Ratio Lower Upper

202 100

101 12.2 9.7 14.5

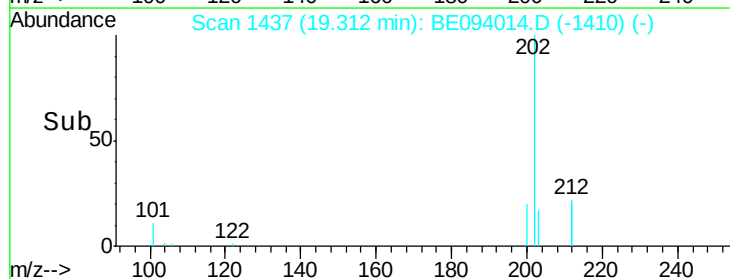
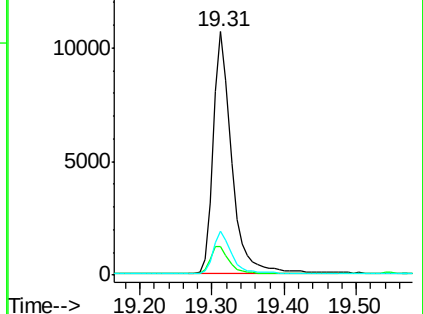
203 17.1 13.7 20.5

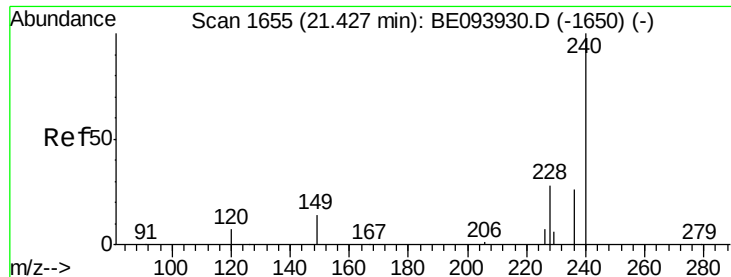


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.41 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

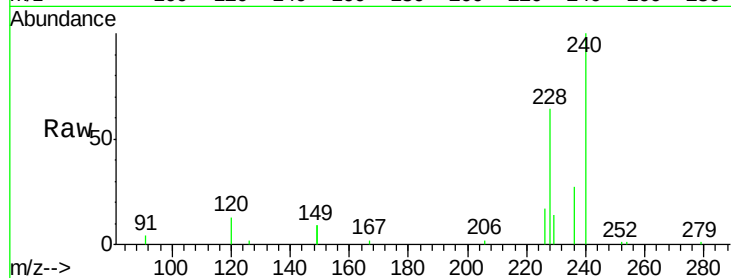
Tgt Ion:240 Resp: 14366

Ion Ratio Lower Upper

240 100

120 13.2 8.7 13.1#

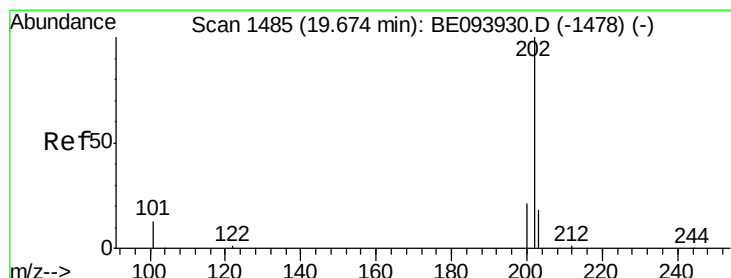
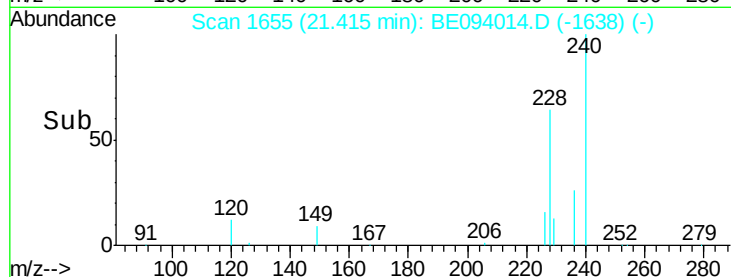
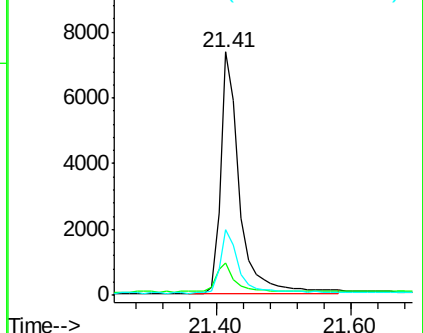
236 27.2 21.3 31.9



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: 0.408 ng

RT: 19.67 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

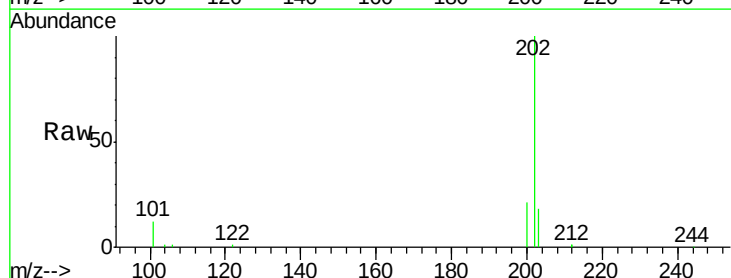
Tgt Ion:202 Resp: 20161

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

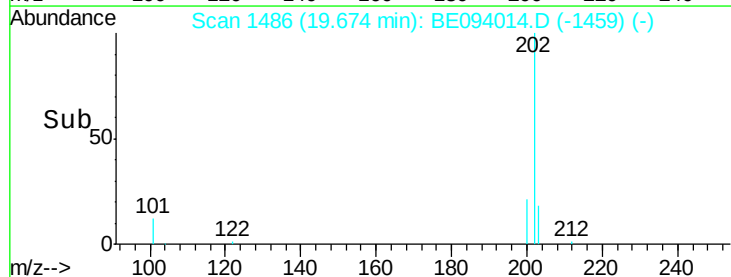
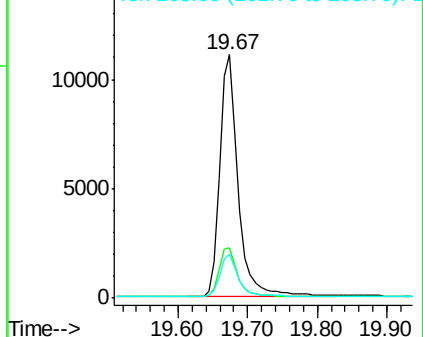
203 17.6 14.2 21.4

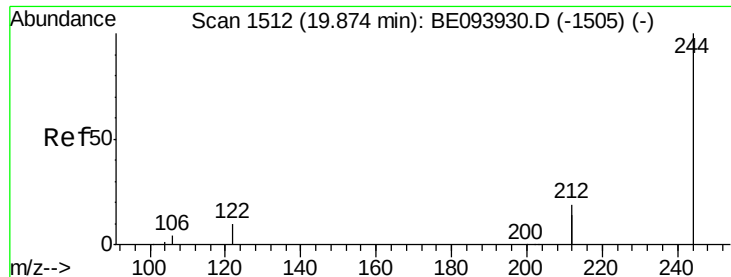


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

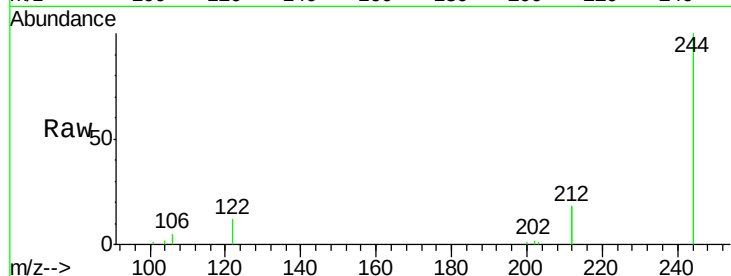
Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :



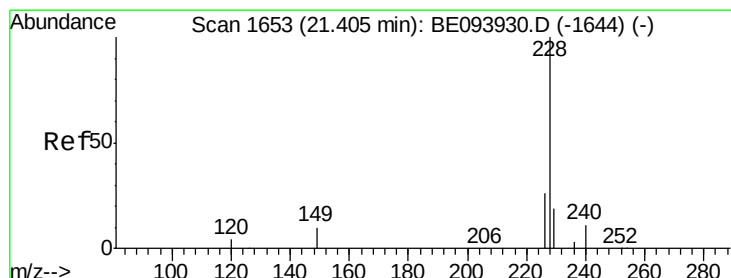
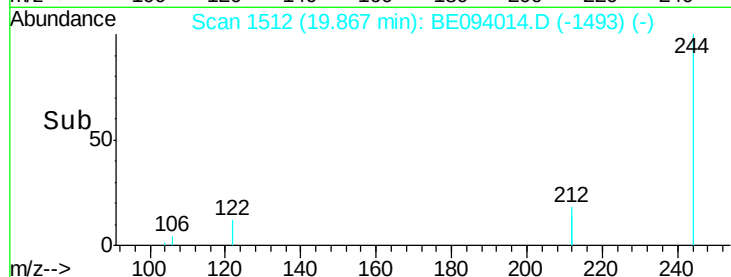
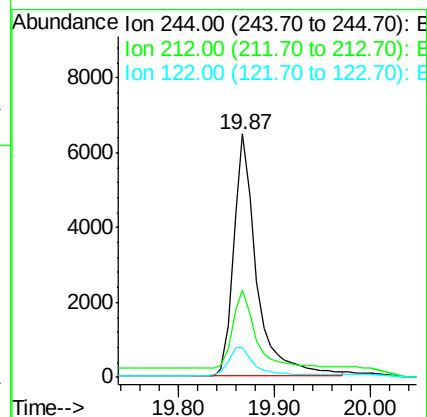
Tgt Ion:244 Resp: 10691

Ion Ratio Lower Upper

244 100

212 36.0 28.3 42.5

122 12.4 9.4 14.0



#30

Benzo(a)anthracene

Concen: 0.361 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

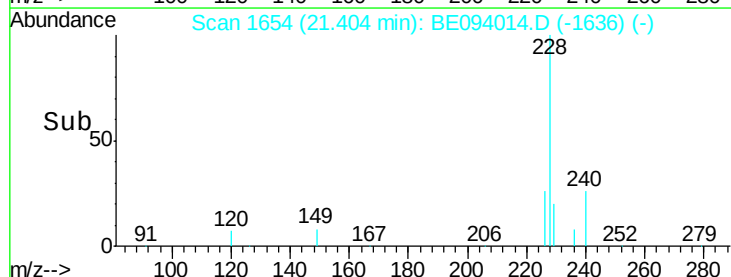
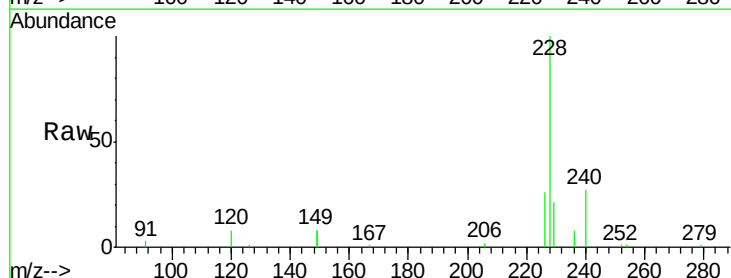
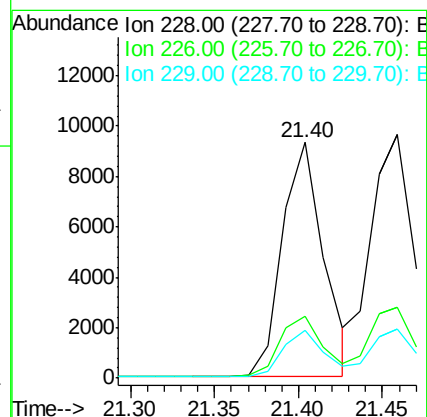
Tgt Ion:228 Resp: 15909

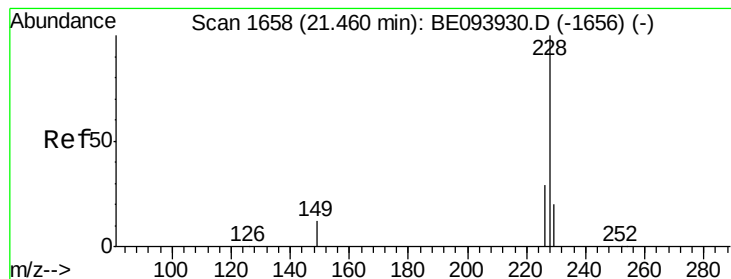
Ion Ratio Lower Upper

228 100

226 26.1 20.8 31.2

229 20.5 16.6 25.0





#31

Chrysene

Concen: 0.416 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

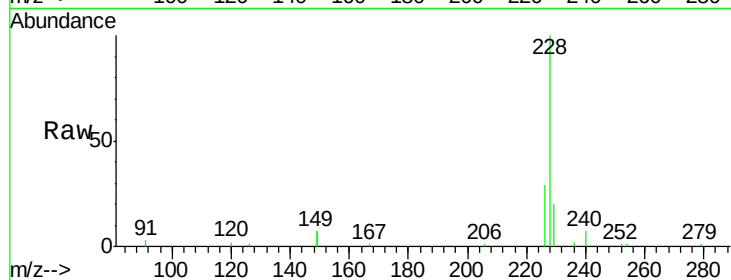
Tgt Ion:228 Resp: 19421

Ion Ratio Lower Upper

228 100

226 28.9 24.6 37.0

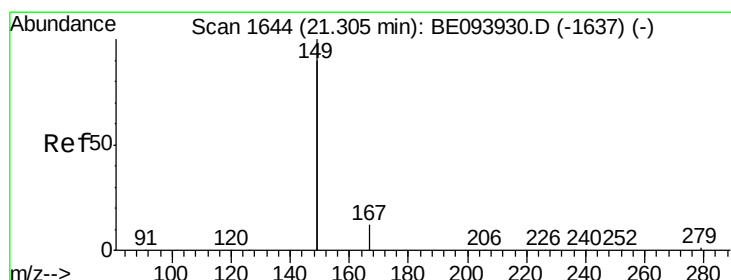
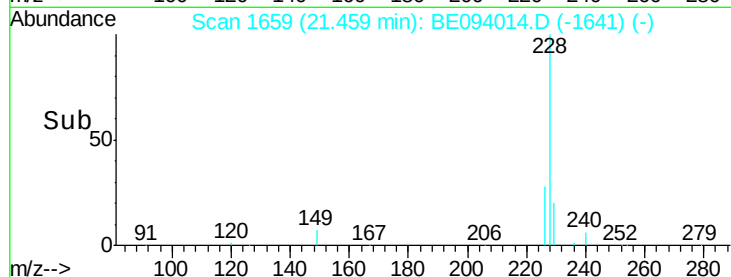
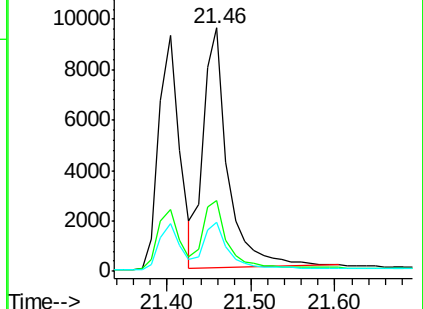
229 20.4 15.8 23.8



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: 0.345 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

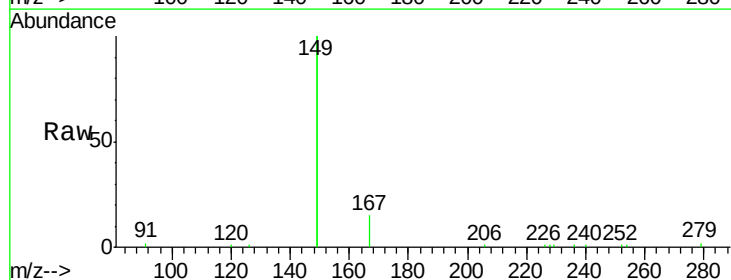
Tgt Ion:149 Resp: 36917

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

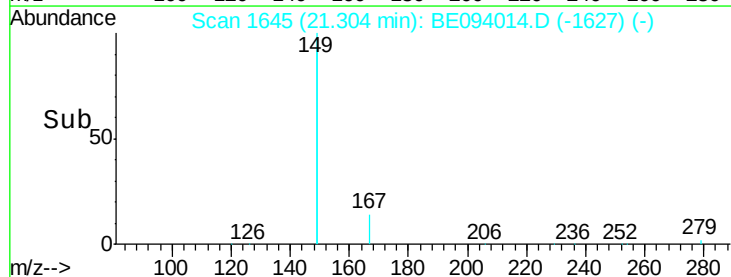
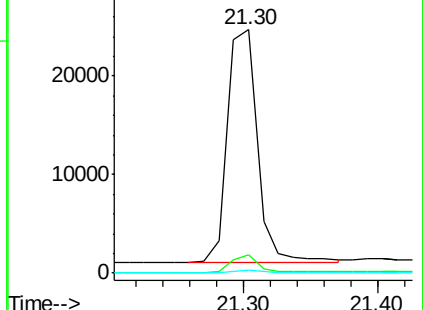
279 0.9 0.7 1.1

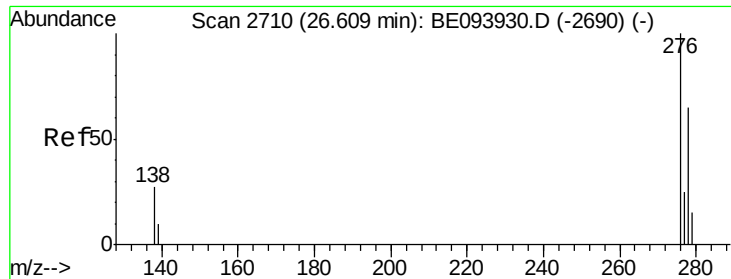


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

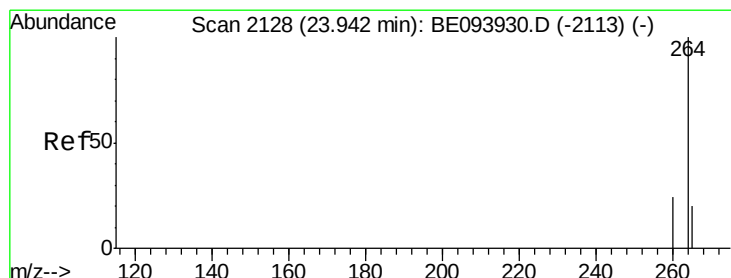
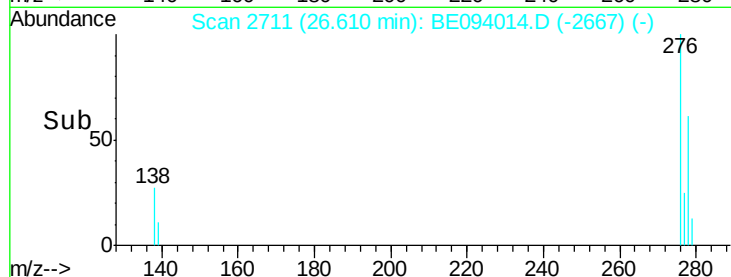
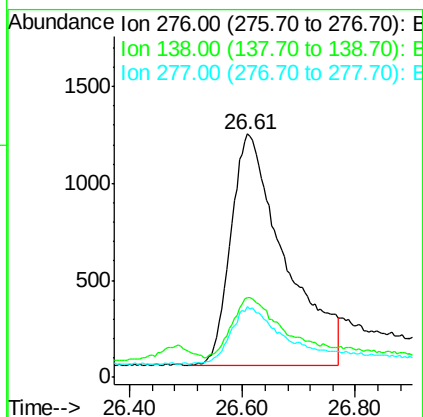
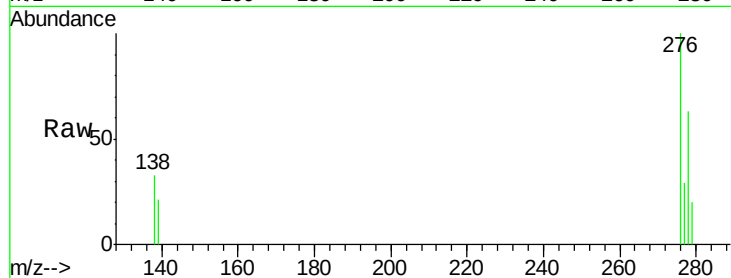




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.249 ng
 RT: 26.61 min Scan# 2711
 Delta R.T. 0.00 min
 Lab File: BE094014.D
 Acq: 15 Sep 2017 10:22

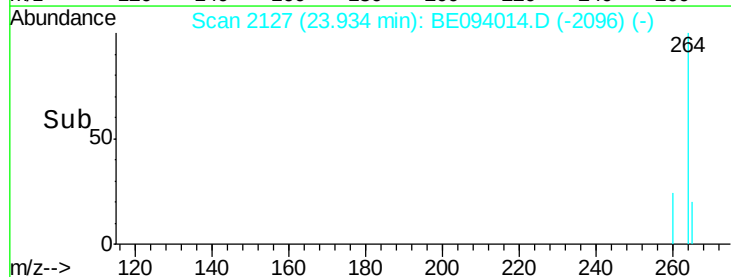
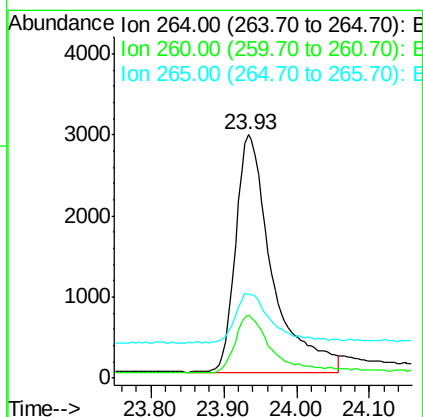
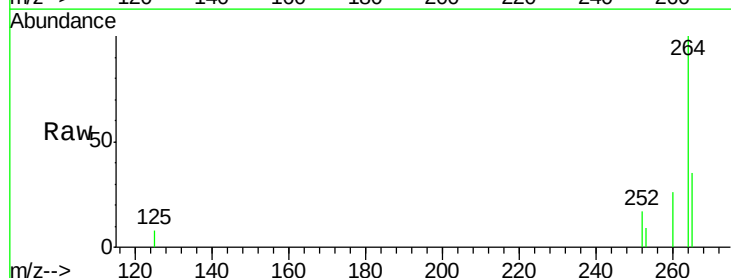
Instrument :
 BNA_E
 ClientSampleId :

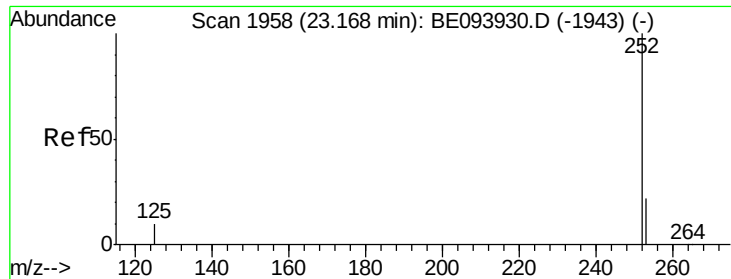
Tgt Ion: 276 Resp: 7743
 Ion Ratio Lower Upper
 276 100
 138 23.6 22.2 33.2
 277 23.9 19.5 29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE094014.D
 Acq: 15 Sep 2017 10:22

Tgt Ion: 264 Resp: 10208
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.0 30.0
 265 34.6 24.0 36.0





#35

Benzo(b)fluoranthene

Concen: 0.397 ng

RT: 23.16 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BE094014.D

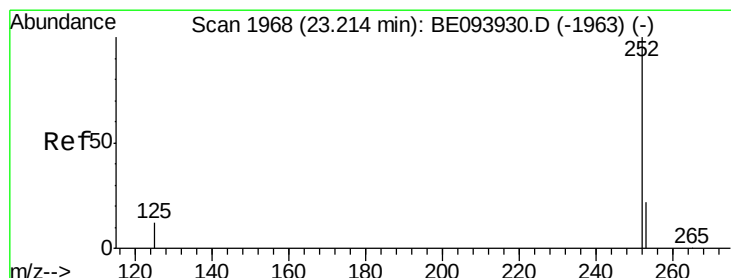
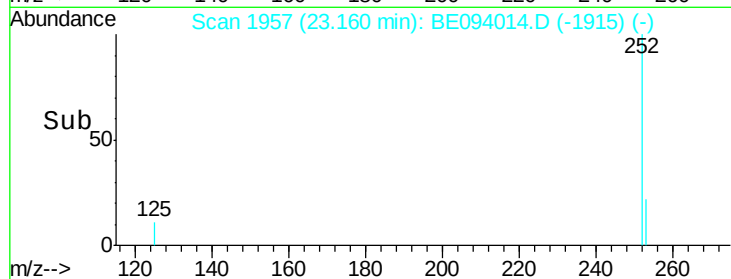
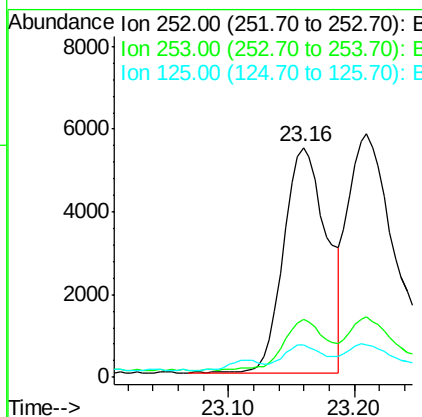
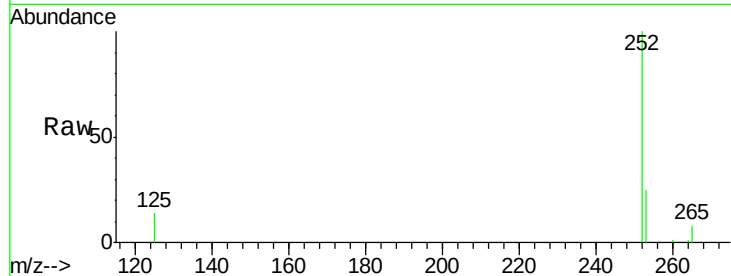
Acq: 15 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

Tgt Ion:	252	Resp:	12909
Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.4	29.0
125	14.2	10.0	15.0



#36

Benzo(k)fluoranthene

Concen: 0.449 ng

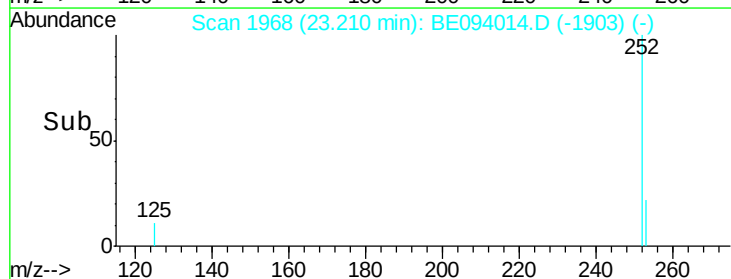
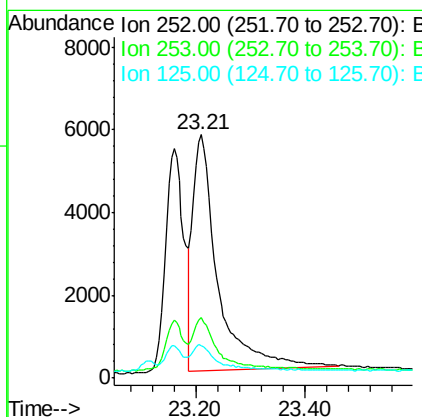
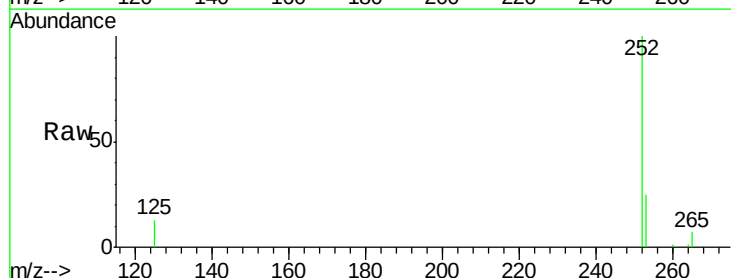
RT: 23.21 min Scan# 1968

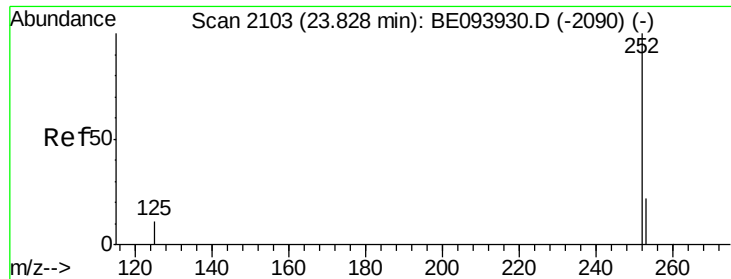
Delta R.T. -0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

Tgt Ion:	252	Resp:	17873
Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.1	27.1
125	13.5	9.8	14.6





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.82 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

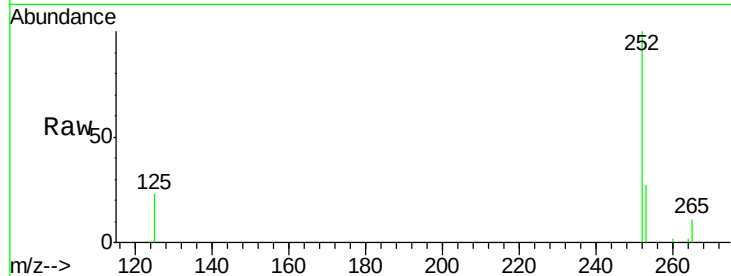
Tgt Ion: 252 Resp: 13166

Ion Ratio Lower Upper

252 100

253 26.7 19.6 29.4

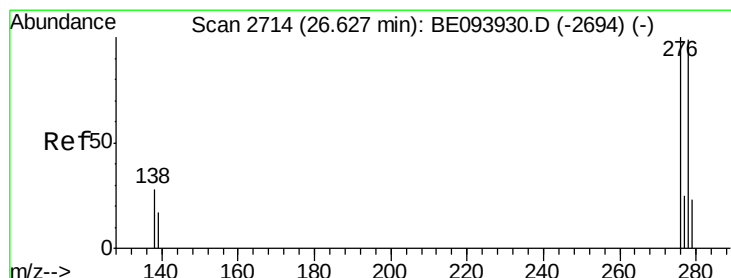
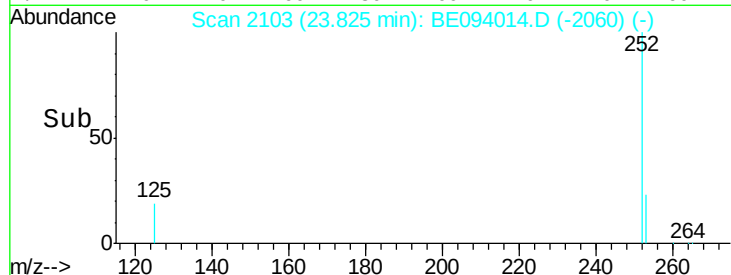
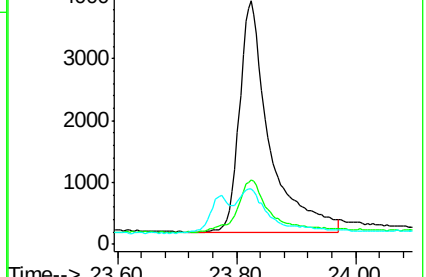
125 22.7 11.8 17.8#



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: 0.264 ng

RT: 26.63 min Scan# 2715

Delta R.T. 0.00 min

Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

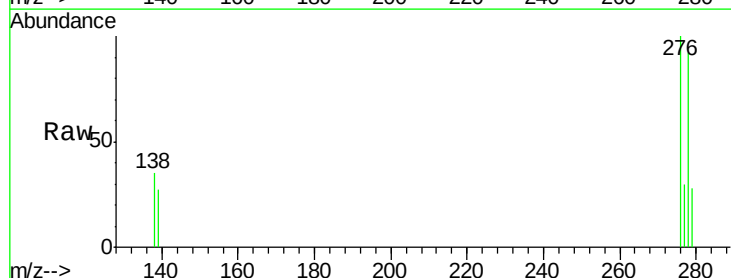
Tgt Ion: 278 Resp: 5787

Ion Ratio Lower Upper

278 100

139 29.5 16.7 25.1#

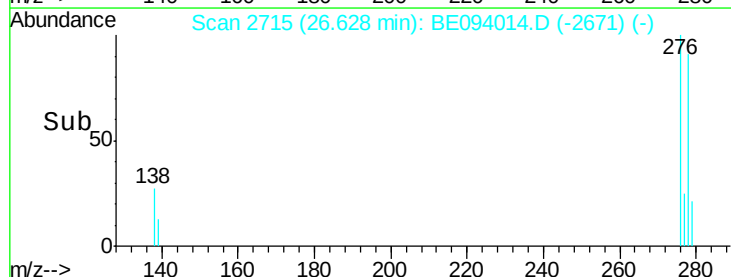
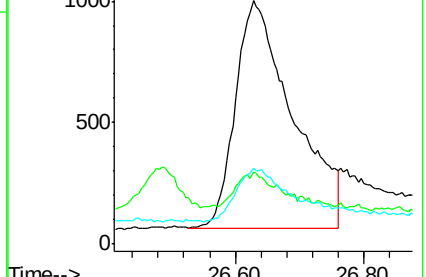
279 31.0 21.6 32.4

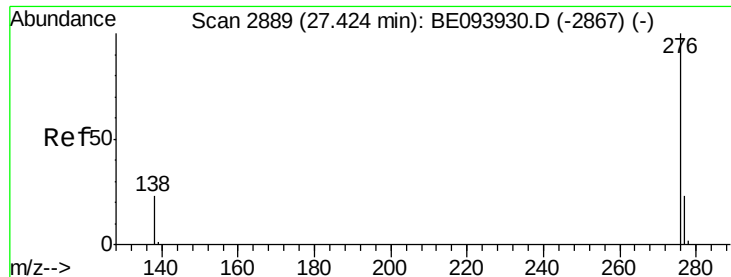


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.306 ng

RT: 27.42 min Scan# 2889

Delta R.T. -0.00 min

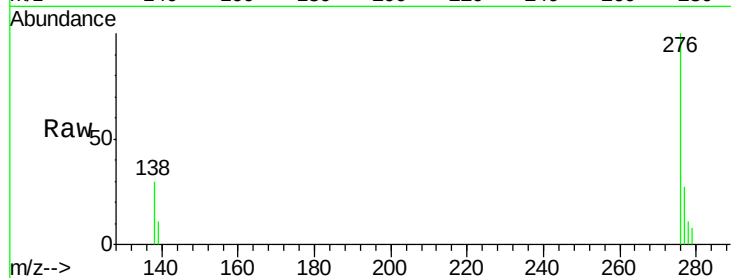
Lab File: BE094014.D

Acq: 15 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :



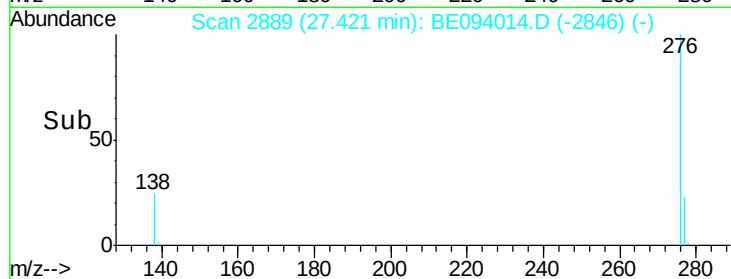
Tgt Ion: 276 Resp: 7088

Ion Ratio Lower Upper

276 100

277 27.2 20.6 30.8

138 30.5 21.9 32.9



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

