

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040418\
 Data File : BE095943.D
 Acq On : 4 Apr 2018 12:38
 Operator : SJ/JU
 Sample : J2148-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 05 02:47:23 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1487	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	5392	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2866	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6362	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	7287	0.40	ng	-0.01
34) Perylene-d12	24.41	264	7549	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.91	112	1842	0.38	ng	0.00
5) Phenol-d6	7.56	99	2544	0.38	ng	0.00
8) Nitrobenzene-d5	9.59	82	2419	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	3205	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.46	330	582	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	4415	0.37	ng	-0.01
25) Fluoranthene-d10	19.68	212	28676	0.30	ng	0.00
29) Terphenyl-d14	20.24	244	4452	0.29	ng	0.00

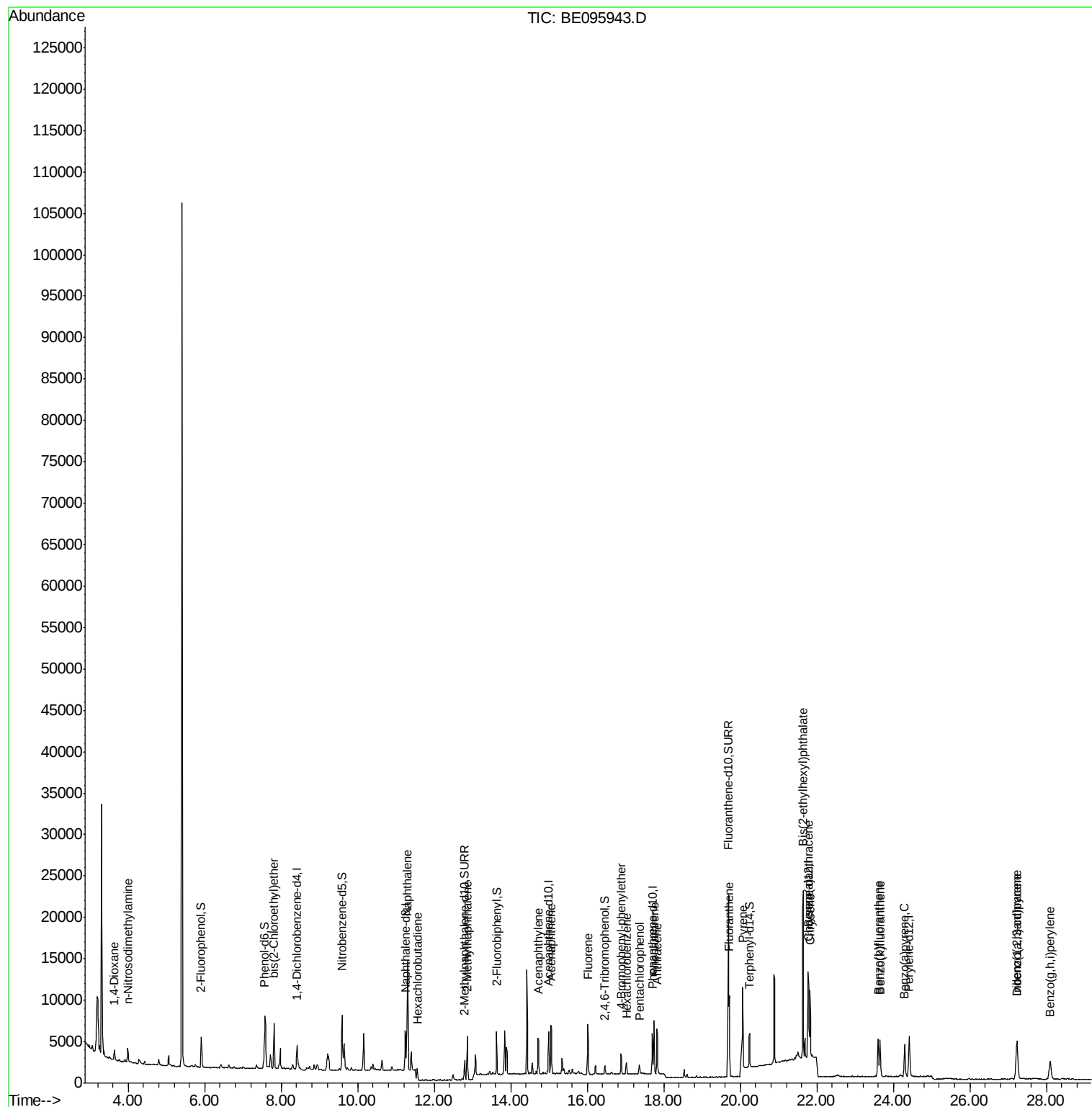
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.63	88	723	0.297	ng	# 64
3) n-Nitrosodimethylamine	3.99	42	1144	0.320	ng	# 84
6) bis(2-Chloroethyl)ether	7.81	93	1882	0.324	ng	98
9) Naphthalene	11.29	128	22126	0.359	ng	100
10) Hexachlorobutadiene	11.55	225	1153	0.273	ng	97
12) 2-Methylnaphthalene	12.86	142	3523	0.335	ng	94
16) Acenaphthylene	14.71	152	5410	0.330	ng	100
17) Acenaphthene	15.05	154	3152	0.315	ng	95
18) Fluorene	16.02	166	3982	0.303	ng	# 78
20) 4-Bromophenyl-phenylether	16.88	248	1168	0.305	ng	# 66
21) Hexachlorobenzene	17.02	284	1100	0.288	ng	# 80
22) Pentachlorophenol	17.36	266	604	0.550	ng	# 79
23) Phenanthrene	17.74	178	6798	0.357	ng	98
24) Anthracene	17.82	178	6060	0.318	ng	96
26) Fluoranthene	19.71	202	8745	0.331	ng	98
28) Pyrene	20.06	202	10250	0.345	ng	94
30) Benzo(a)anthracene	21.78	228	7666	0.303	ng	96
31) Chrysene	21.83	228	7174	0.311	ng	96
32) Bis(2-ethylhexyl)phthalate	21.64	149	27917	0.361	ng	100
33) Indeno(1,2,3-cd)pyrene	27.22	276	6520	0.262	ng	94
35) Benzo(b)fluoranthene	23.60	252	7001	0.280	ng	# 94
36) Benzo(k)fluoranthene	23.65	252	6476	0.259	ng	# 88
37) Benzo(a)pyrene	24.30	252	6493	0.277	ng	# 91
38) Dibenzo(a,h)anthracene	27.24	278	5119	0.230	ng	96
39) Benzo(g,h,i)perylene	28.10	276	5628	0.252	ng	# 90

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.42 min Scan# 568

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

Instrument :

BNA_E

ClientSampleId :

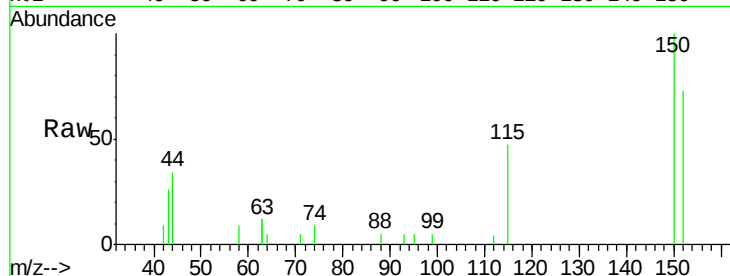
Tot Ion:152 Resp: 1487

Ion Ratio Lower Upper

152 100

150 137.2 117.2 175.8

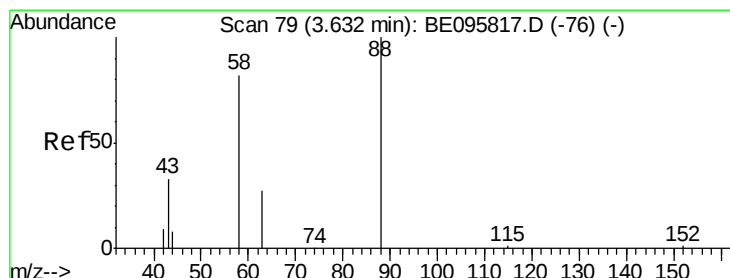
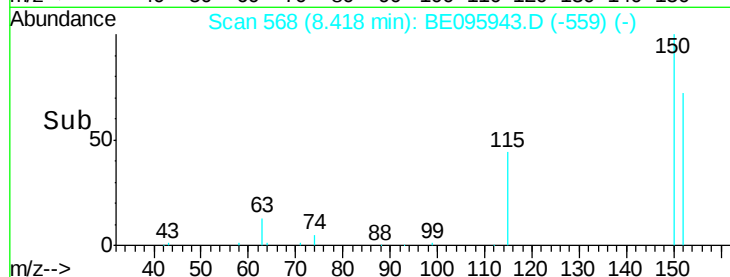
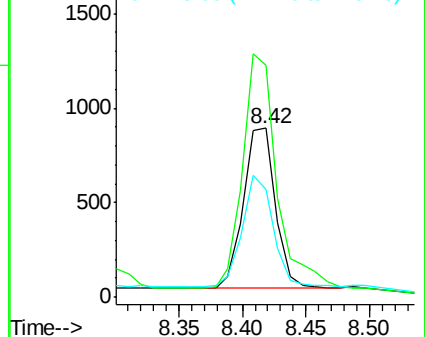
115 64.0 57.0 85.6



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: 0.297 ng

RT: 3.63 min Scan# 79

Delta R.T. 0.00 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

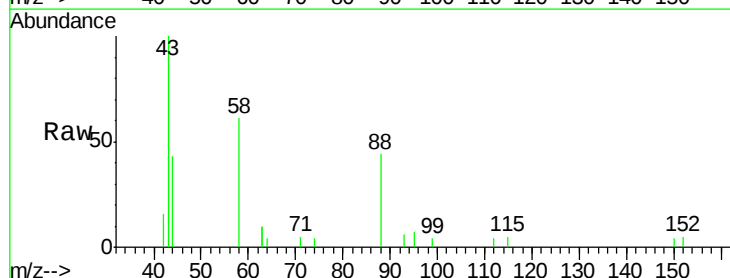
Tgt Ion: 88 Resp: 723

Ion Ratio Lower Upper

88 100

58 92.7 63.2 94.8

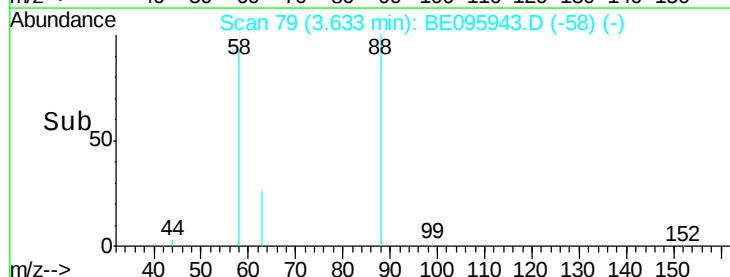
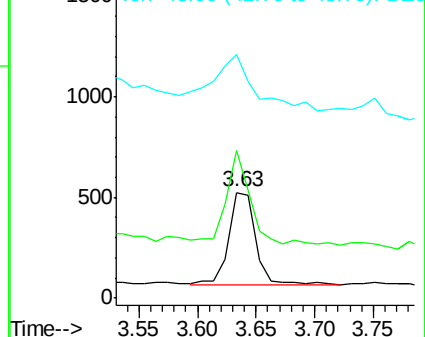
43 99.0 41.2 61.8#



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



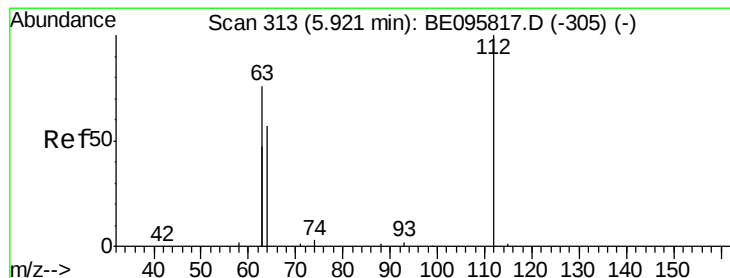
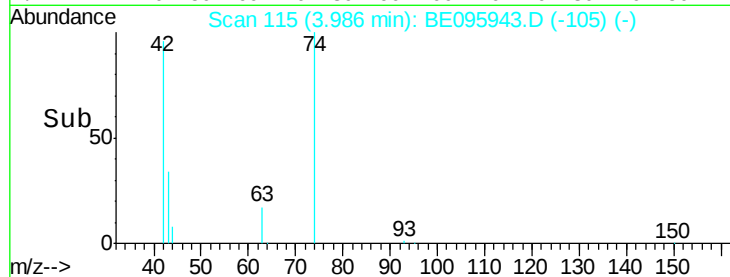
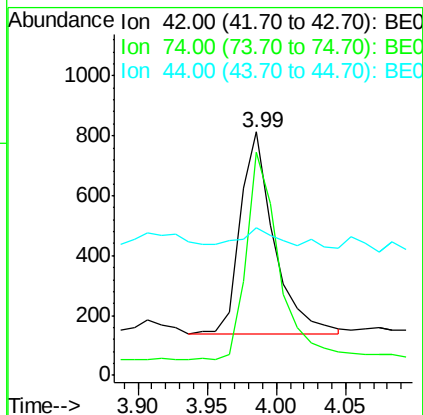
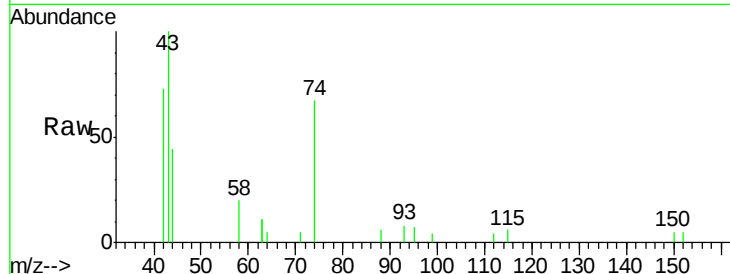


#3

n-Nitrosodimethylamine
 Concen: 0.320 ng
 RT: 3.99 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BE095943.D
 Acq: 4 Apr 2018 12:38

Instrument :
 BNA_E
 ClientSampleId :

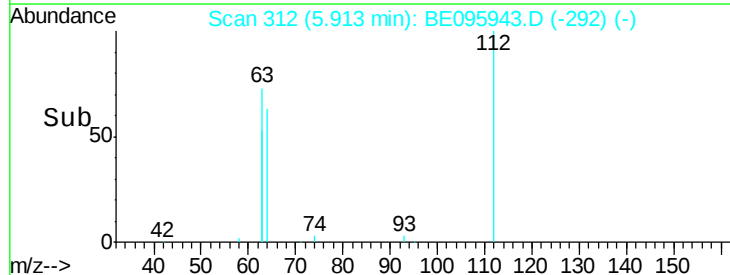
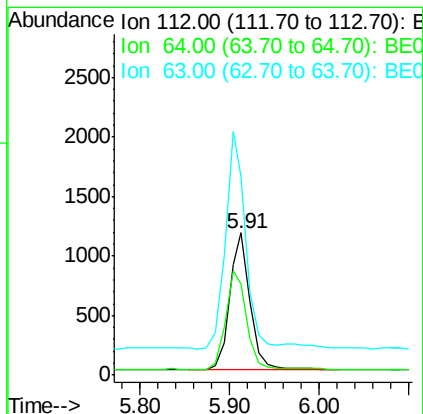
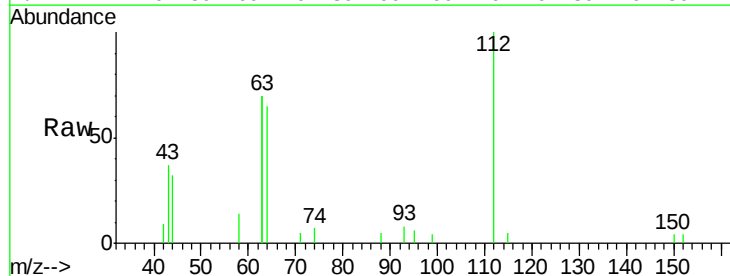
Tot Ion: 42 Resp: 1144
 Ion Ratio Lower Upper
 42 100
 74 100.7 96.0 144.0
 44 11.6 12.0 18.0#

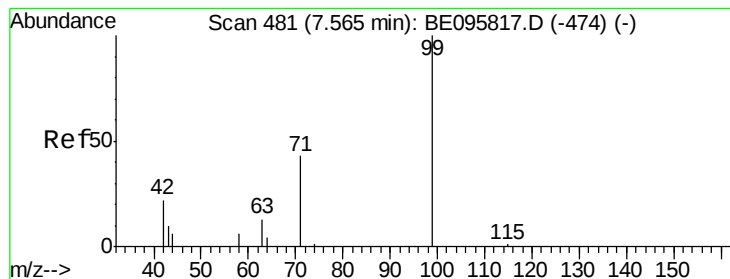


#4

2-Fluorophenol
 Concen: 0.376 ng
 RT: 5.91 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095943.D
 Acq: 4 Apr 2018 12:38

Tgt Ion: 112 Resp: 1842
 Ion Ratio Lower Upper
 112 100
 64 75.0 60.1 90.1
 63 154.0 116.8 175.2





#5

Phenol-d6

Concen: 0.377 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

Instrument :

BNA_E

ClientSampleId :

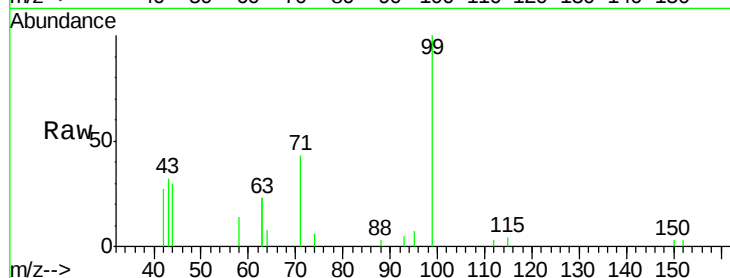
Tot Ion: 99 Resp: 2544

Ion Ratio Lower Upper

99 100

42 34.6 20.2 30.2#

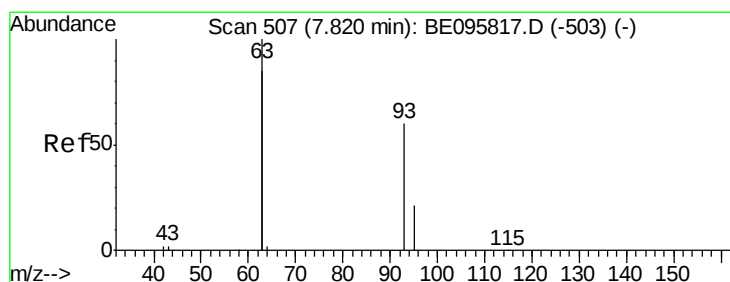
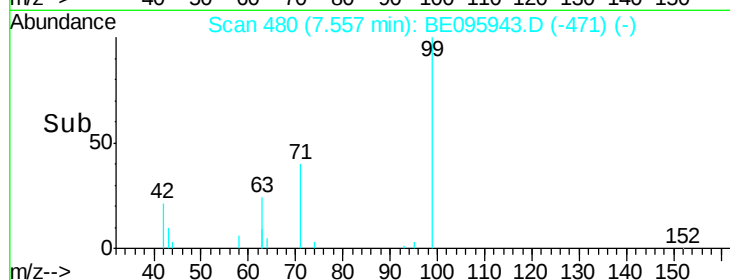
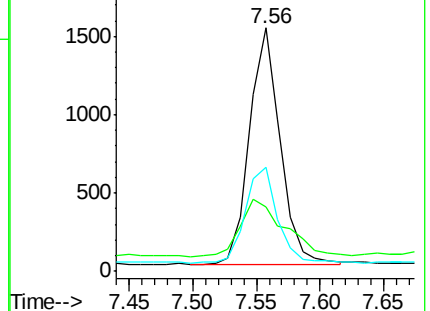
71 42.1 28.4 42.6



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: 0.324 ng

RT: 7.81 min Scan# 506

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

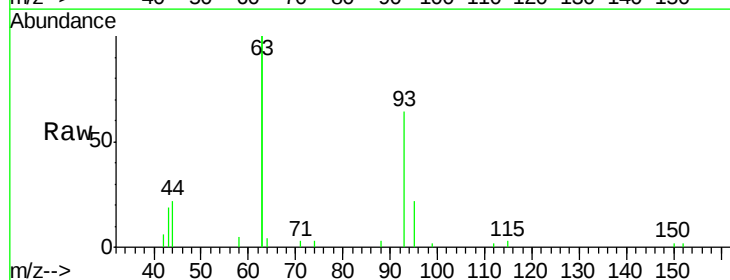
Tgt Ion: 93 Resp: 1882

Ion Ratio Lower Upper

93 100

63 340.3 275.3 412.9

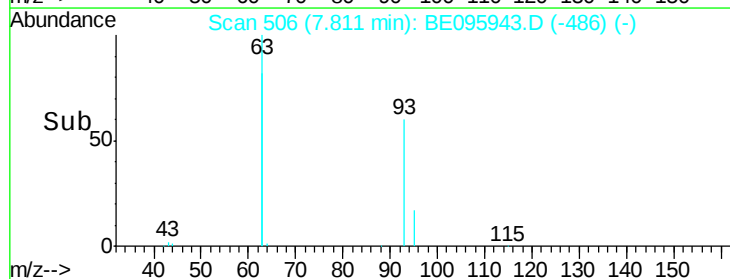
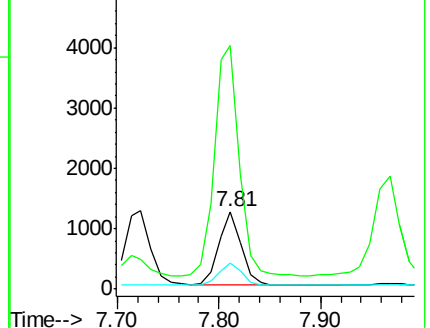
95 31.6 25.2 37.8

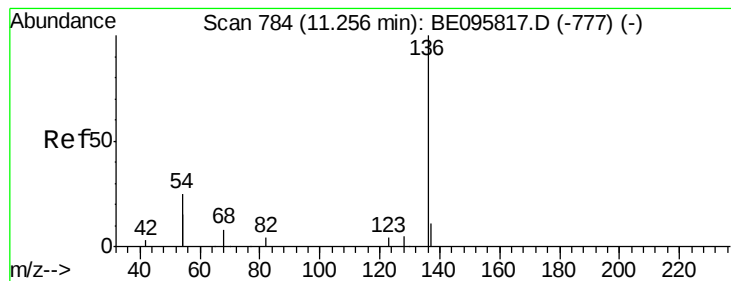


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.26 min Scan# 784

Delta R.T. -0.00 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5392

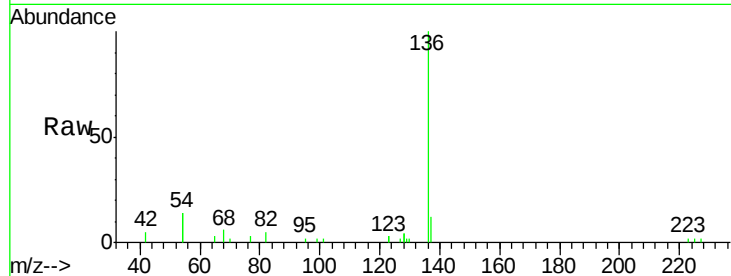
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 28.7 29.1 43.7#

68 6.1 6.2 9.2#

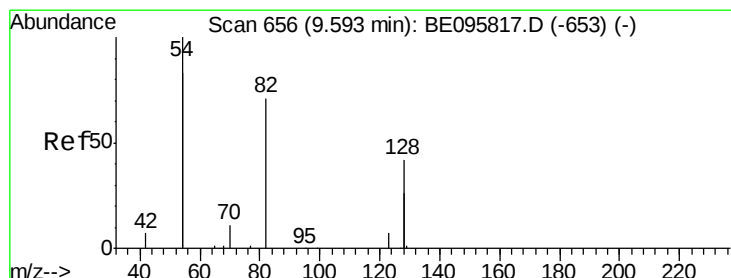
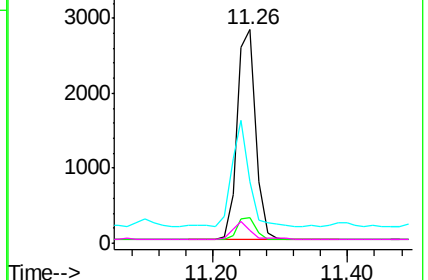
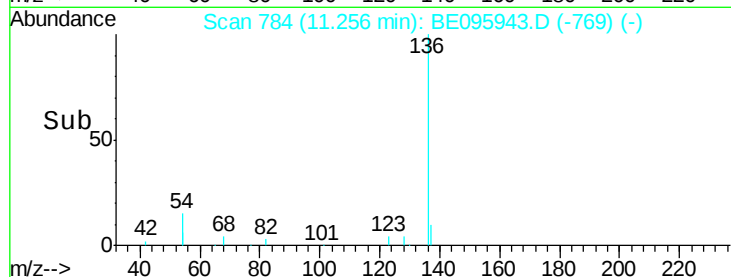


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.380 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

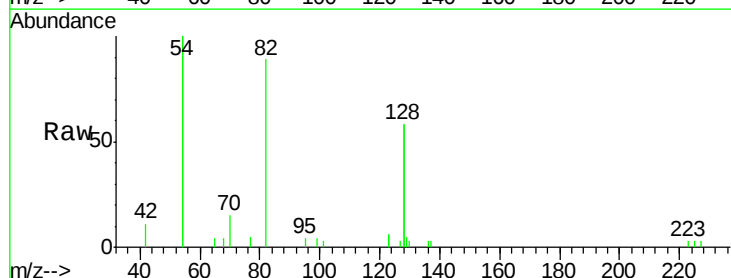
Tgt Ion: 82 Resp: 2419

Ion Ratio Lower Upper

82 100

128 130.8 150.0 225.0#

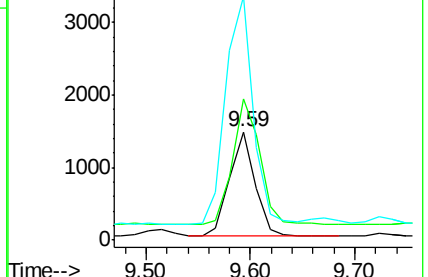
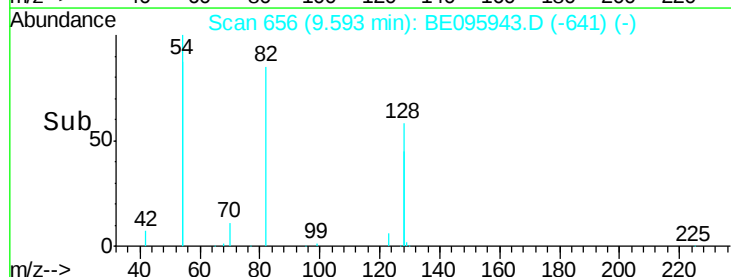
54 225.2 154.2 231.4



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: 0.359 ng

RT: 11.29 min Scan# 787

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

Instrument :

BNA_E

ClientSampleId :

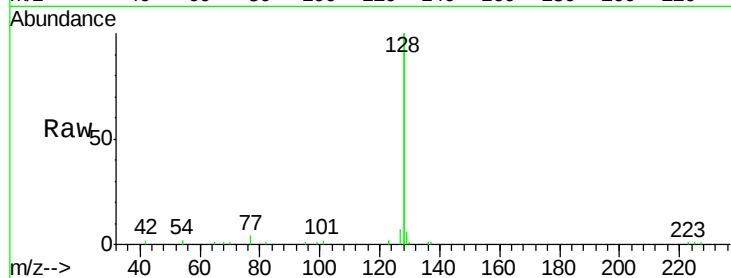
Tot Ion:128 Resp: 22126

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

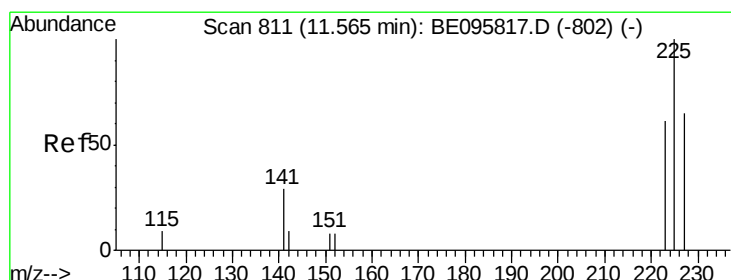
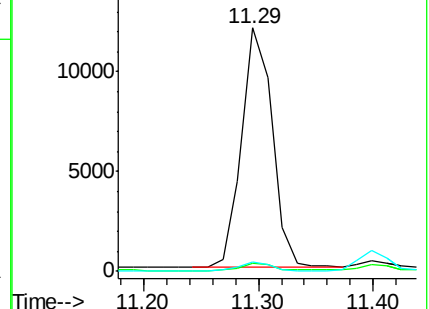
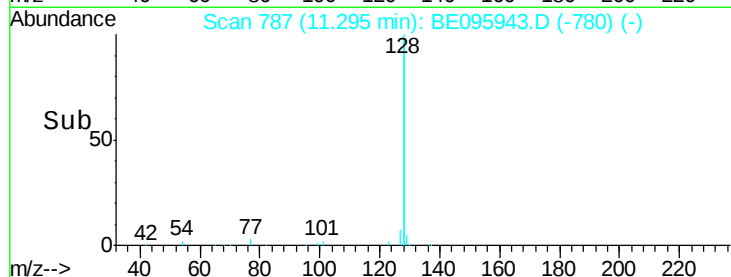
127 3.7 2.8 4.2



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: 0.273 ng

RT: 11.55 min Scan# 809

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

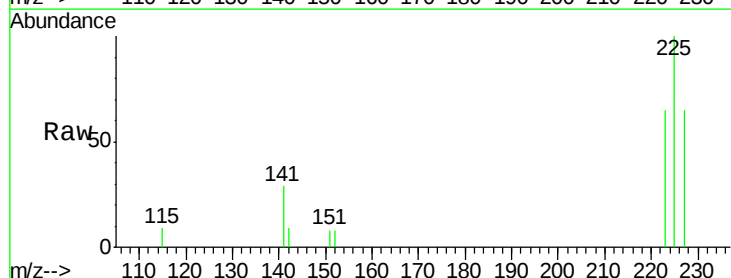
Tgt Ion:225 Resp: 1153

Ion Ratio Lower Upper

225 100

223 69.0 53.0 79.6

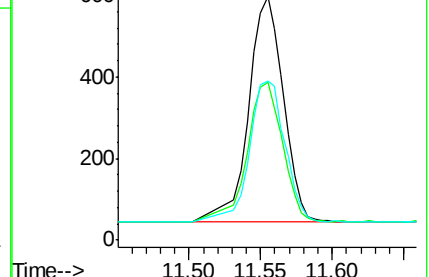
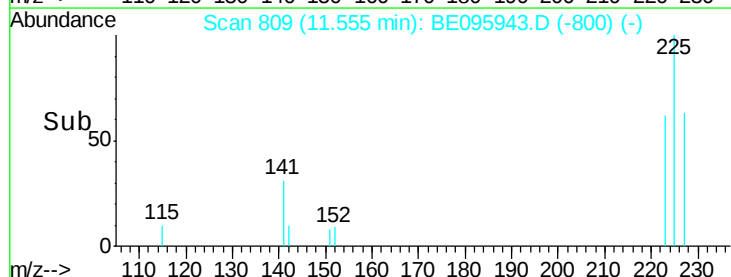
227 66.5 51.4 77.2

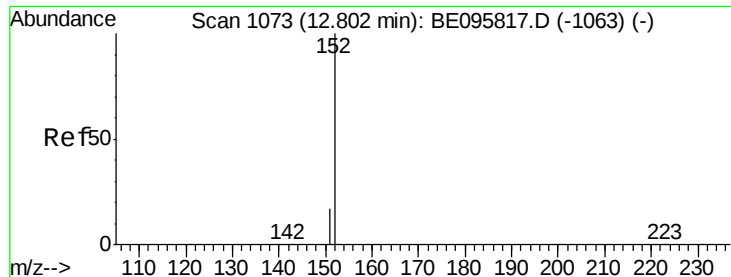


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

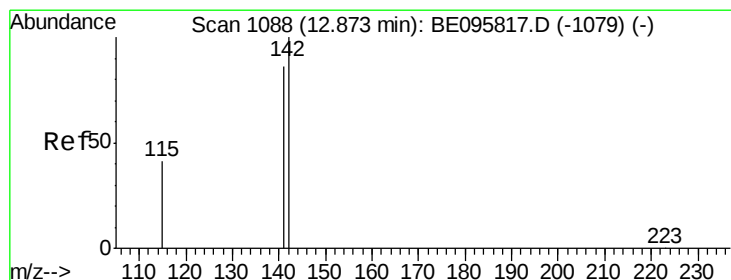
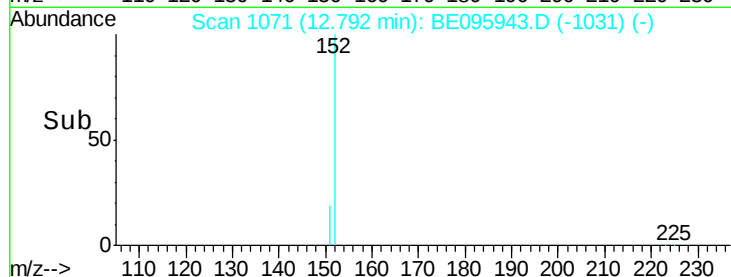
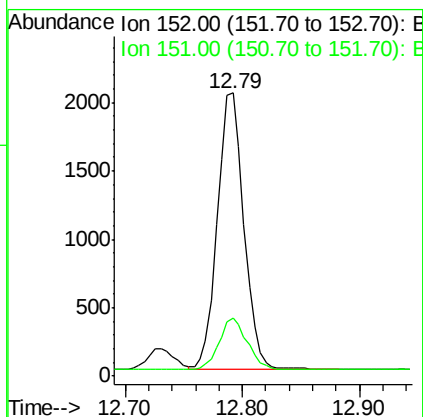
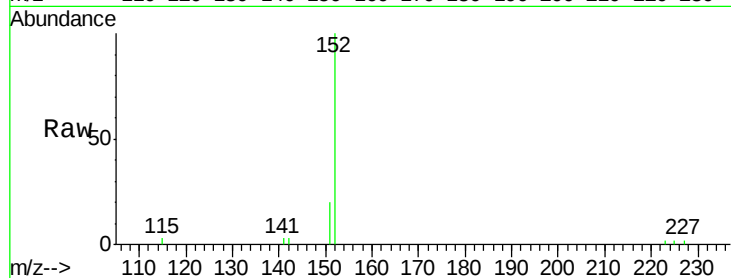




#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095943.D
Acq: 4 Apr 2018 12:38

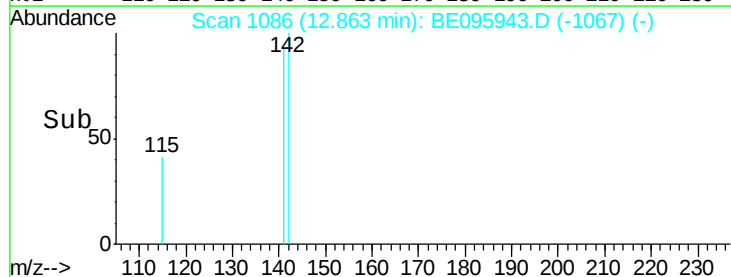
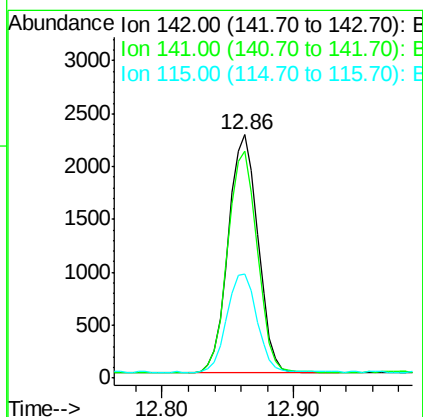
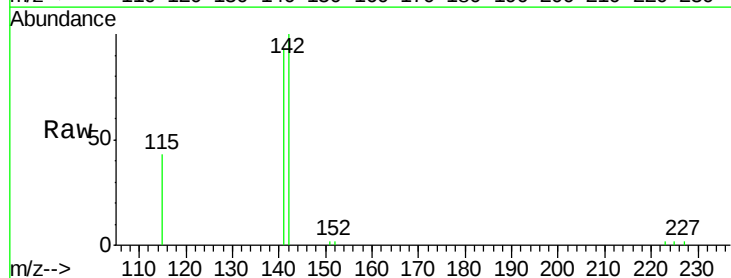
Instrument :
BNA_E
ClientSampleId :

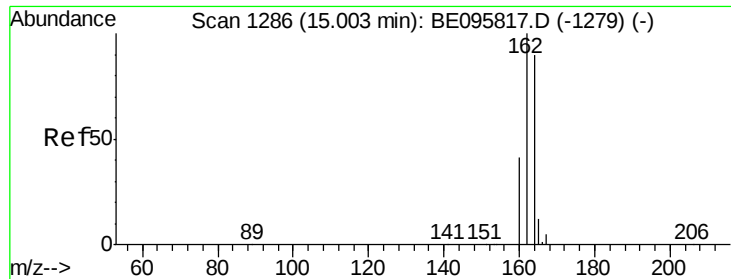
Tot Ion:152 Resp: 3205
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.335 ng
RT: 12.86 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE095943.D
Acq: 4 Apr 2018 12:38

Tgt Ion:142 Resp: 3523
Ion Ratio Lower Upper
142 100
141 93.4 70.4 105.6
115 43.0 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

Instrument :

BNA_E

ClientSampleId :

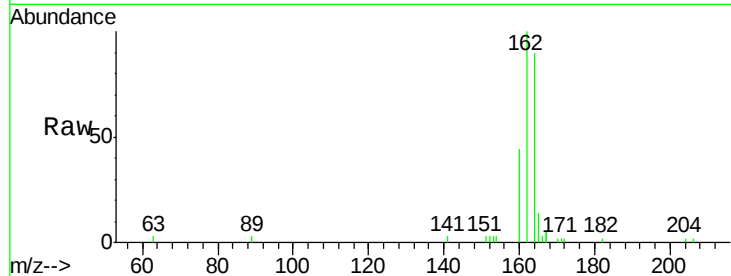
Tot Ion:164 Resp: 2866

Ion Ratio Lower Upper

164 100

162 111.0 83.1 124.7

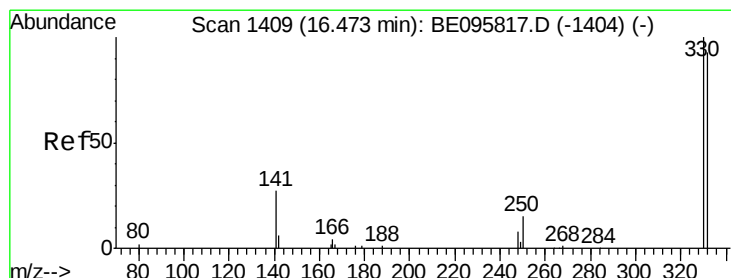
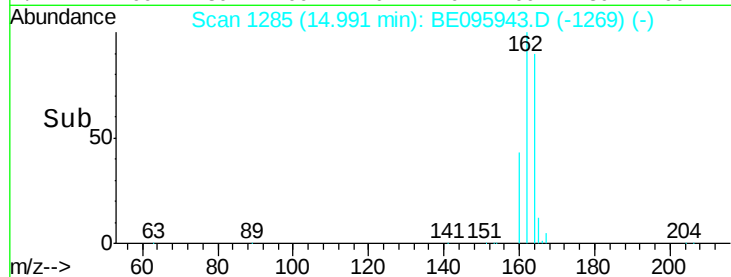
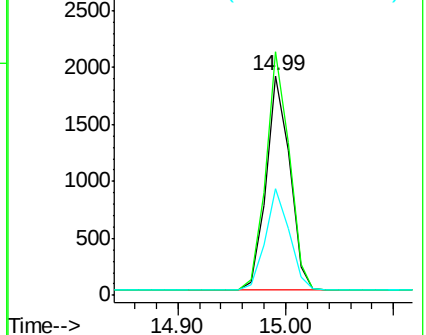
160 48.7 37.1 55.7



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: 0.352 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

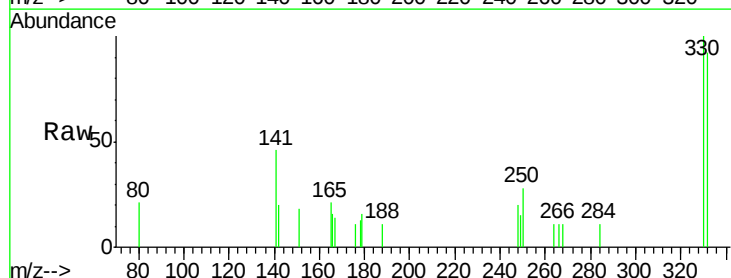
Tgt Ion:330 Resp: 582

Ion Ratio Lower Upper

330 100

332 94.0 152.7 229.1#

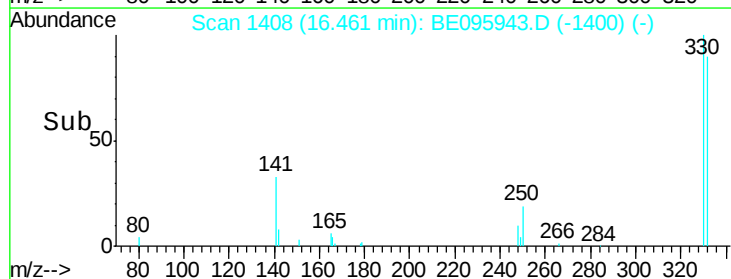
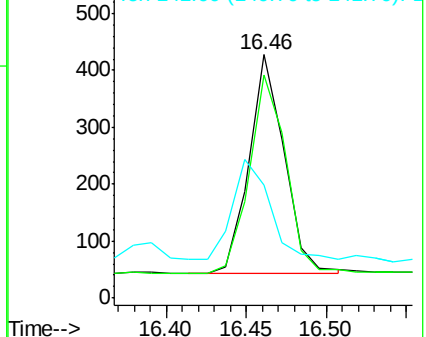
141 49.0 33.7 50.5

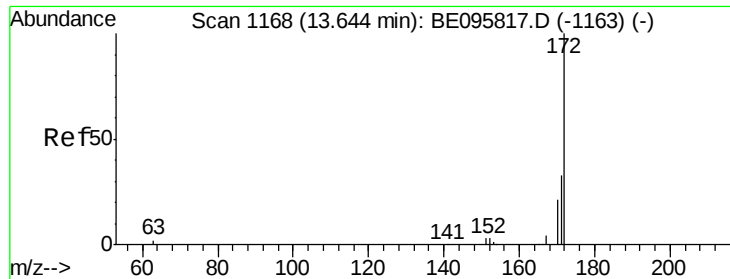


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

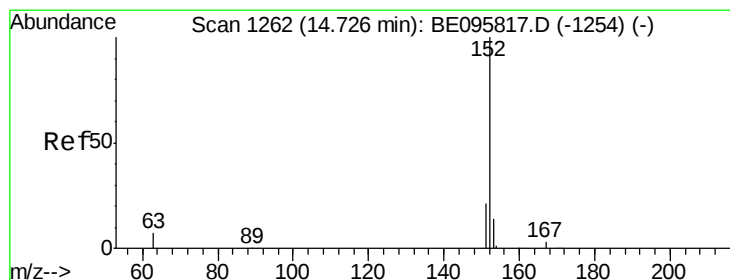
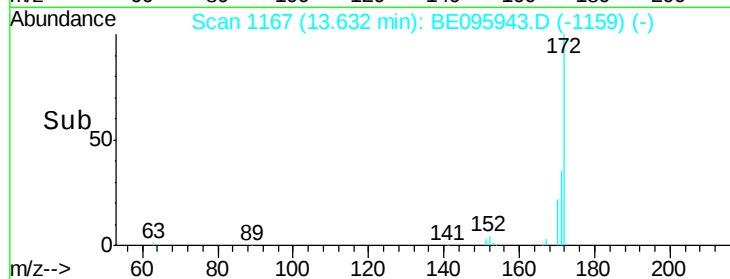
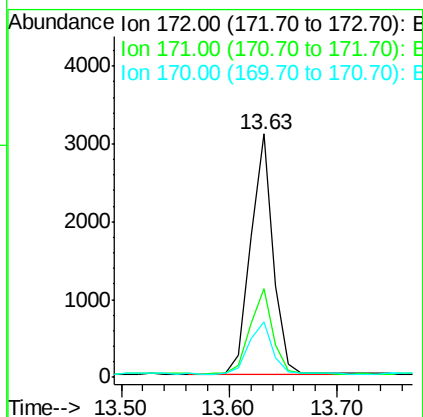
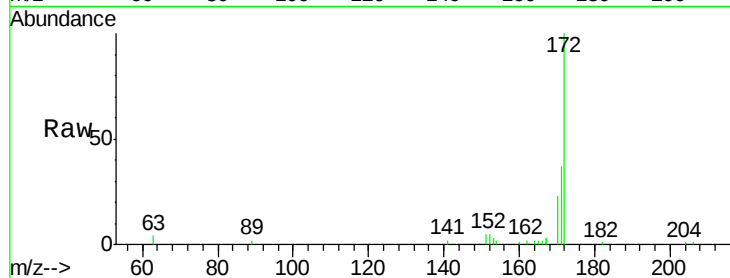




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095943.D
Acq: 4 Apr 2018 12:38

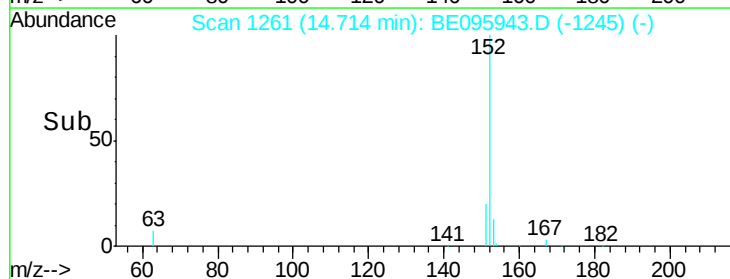
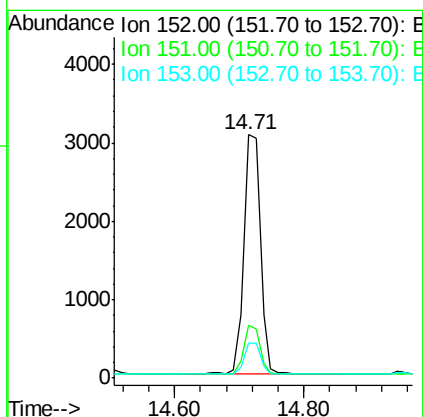
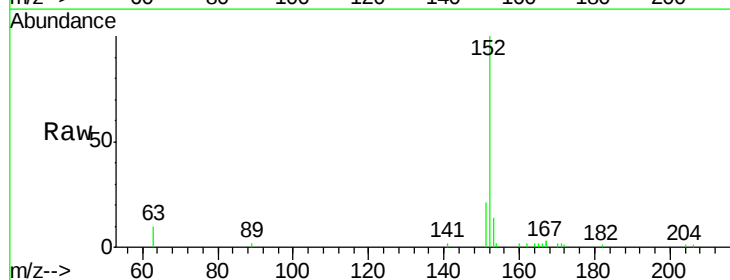
Instrument :
BNA_E
ClientSampleId :

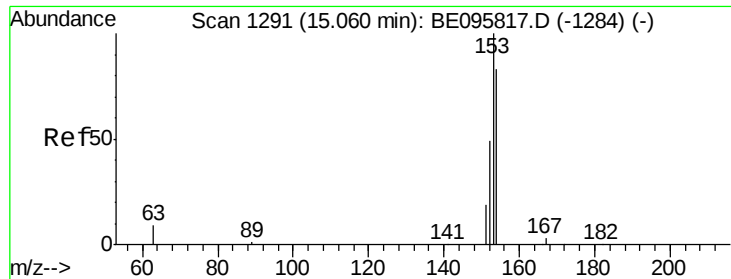
Tot Ion:172 Resp: 4415
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 22.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.330 ng
RT: 14.71 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BE095943.D
Acq: 4 Apr 2018 12:38

Tgt Ion:152 Resp: 5410
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.315 ng

RT: 15.05 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

Instrument :

BNA_E

ClientSampleId :

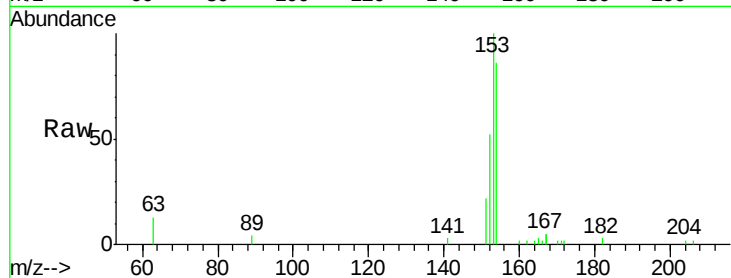
Tot Ion:154 Resp: 3152

Ion Ratio Lower Upper

154 100

153 115.5 89.2 133.8

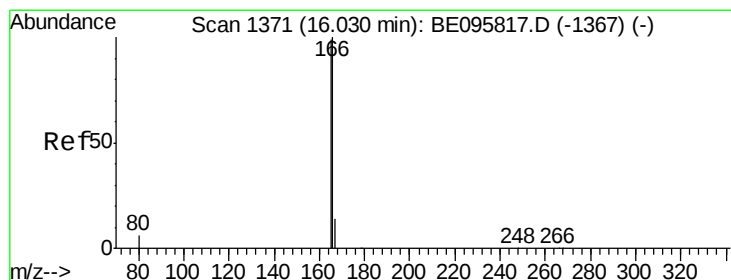
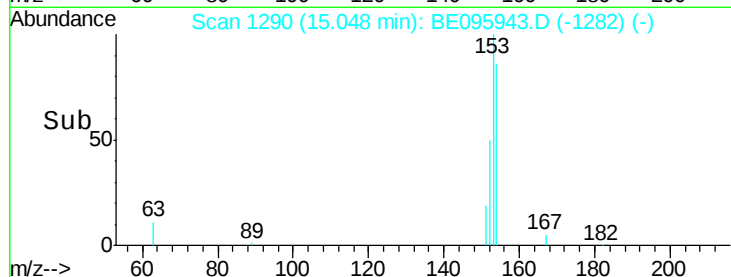
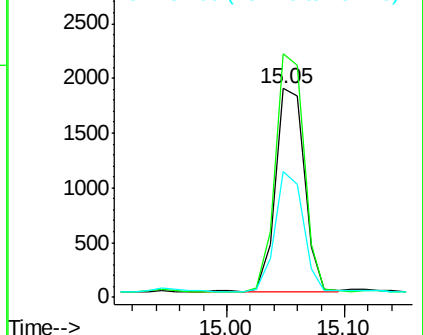
152 57.4 42.0 63.0



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: 0.303 ng

RT: 16.02 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

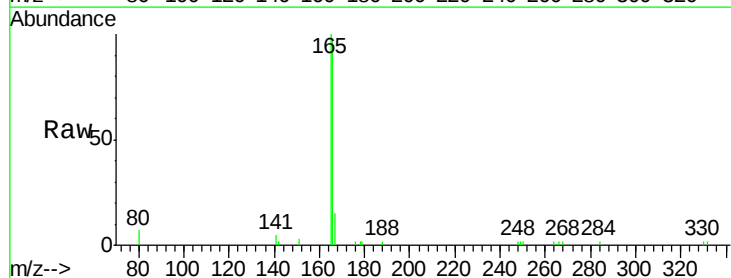
Tgt Ion:166 Resp: 3982

Ion Ratio Lower Upper

166 100

165 101.7 77.8 116.6

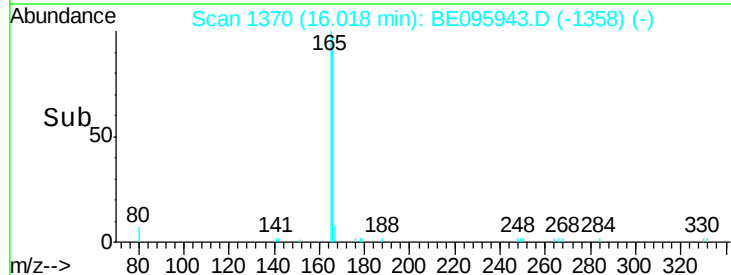
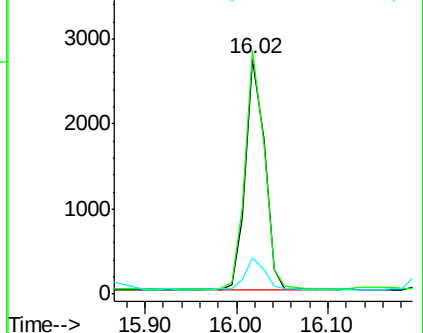
167 14.6 42.4 63.6#

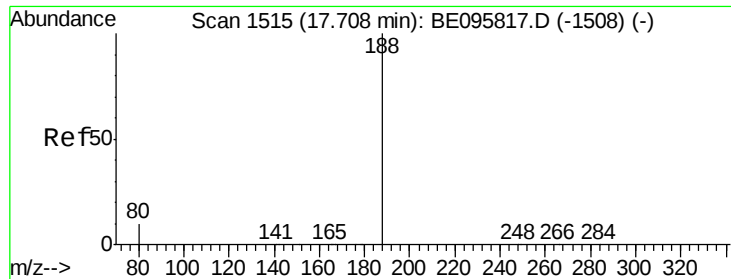


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

Instrument :

BNA_E

ClientSampleId :

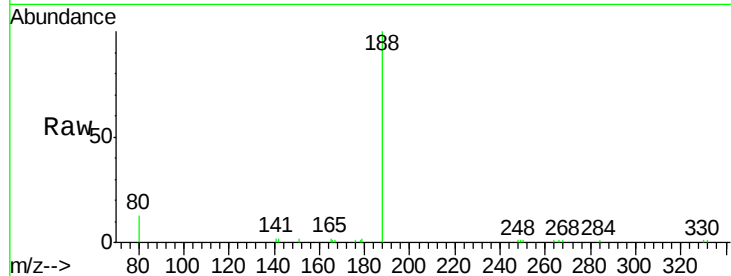
Tot Ion:188 Resp: 6362

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

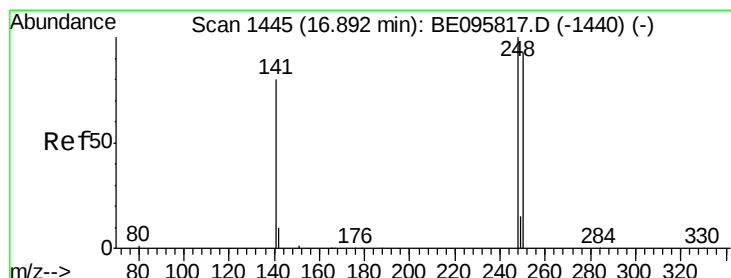
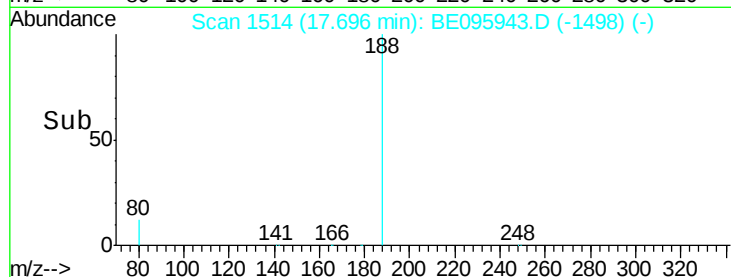
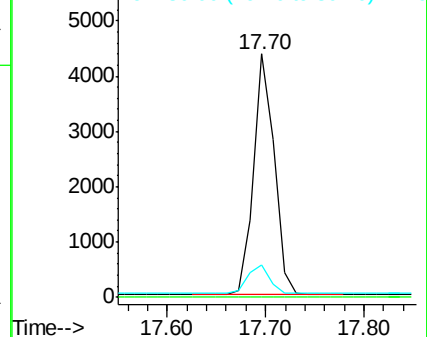
80 13.3 3.6 5.4#



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: 0.305 ng

RT: 16.88 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

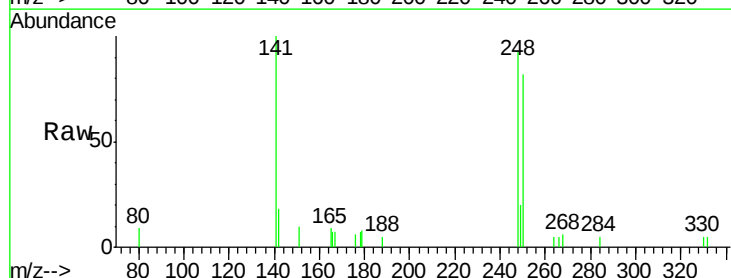
Tgt Ion:248 Resp: 1168

Ion Ratio Lower Upper

248 100

250 88.7 62.7 94.1

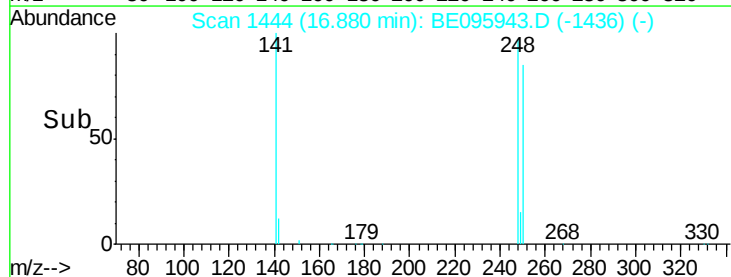
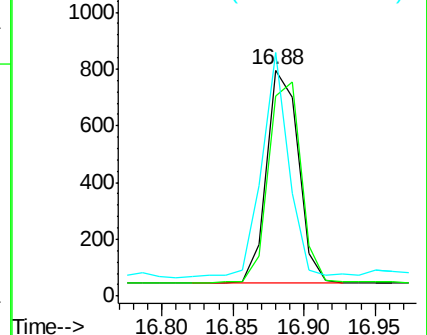
141 107.7 48.2 72.2#

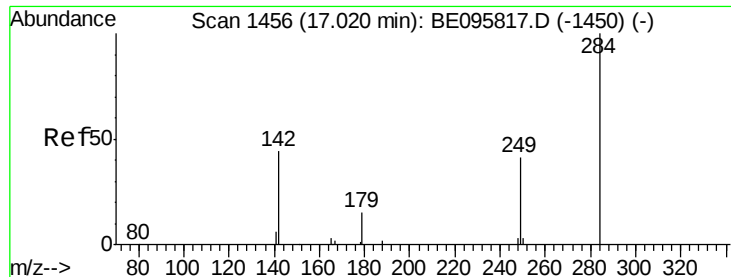


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.288 ng

RT: 17.02 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

Instrument :

BNA_E

ClientSampled :

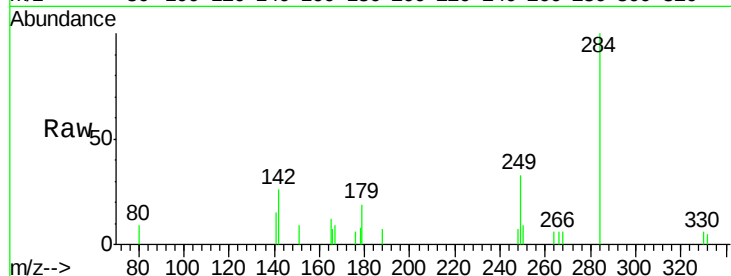
Tot Ion:284 Resp: 1100

Ion Ratio Lower Upper

284 100

142 43.3 22.1 33.1#

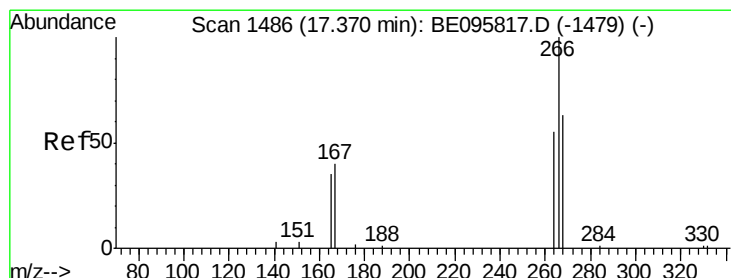
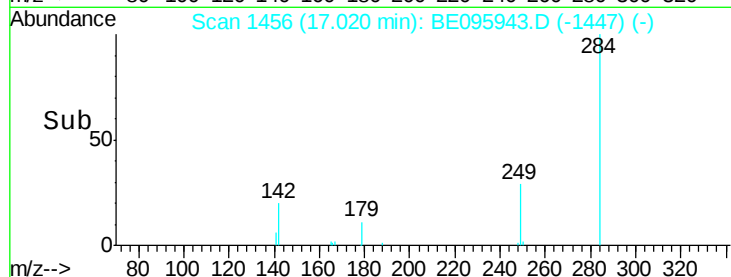
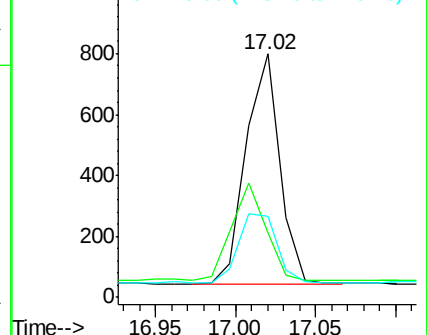
249 34.8 34.8 52.2



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: 0.550 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

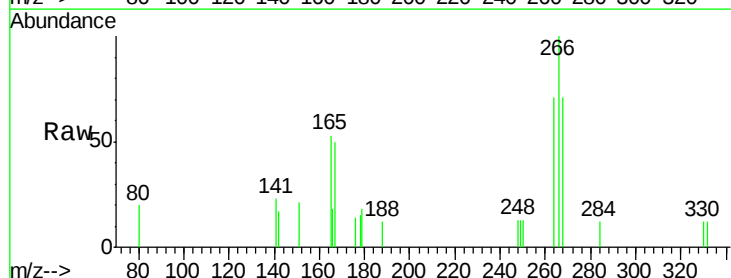
Tgt Ion:266 Resp: 604

Ion Ratio Lower Upper

266 100

264 71.5 72.5 108.7#

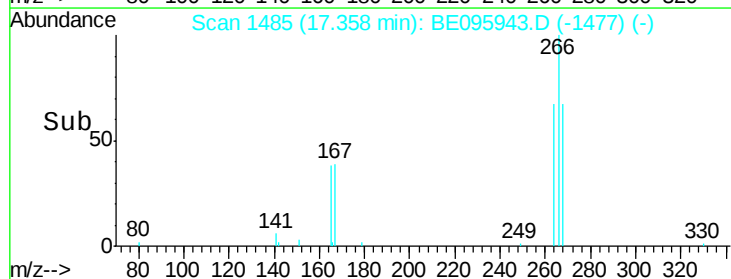
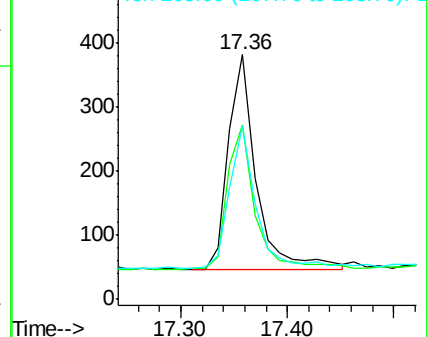
268 70.7 73.8 110.6#

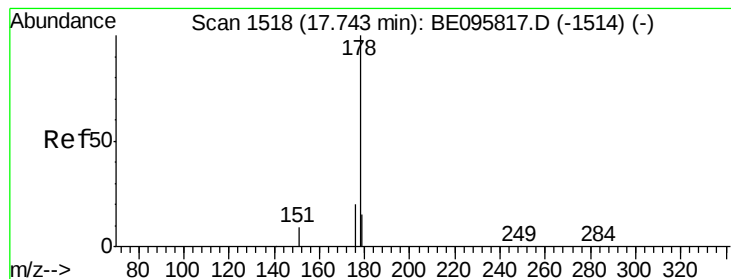


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.357 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

Instrument :

BNA_E

ClientSampleId :

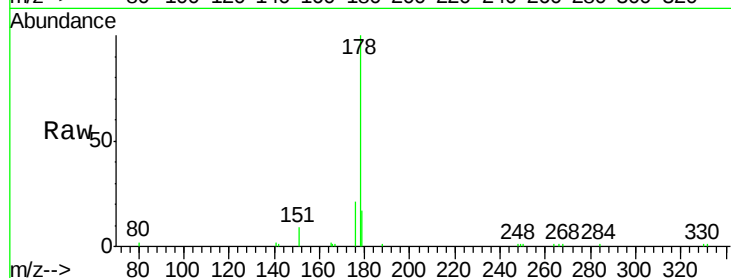
Tot Ion:178 Resp: 6798

Ion Ratio Lower Upper

178 100

176 20.1 15.1 22.7

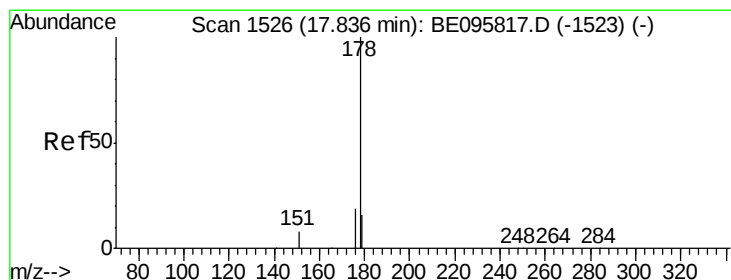
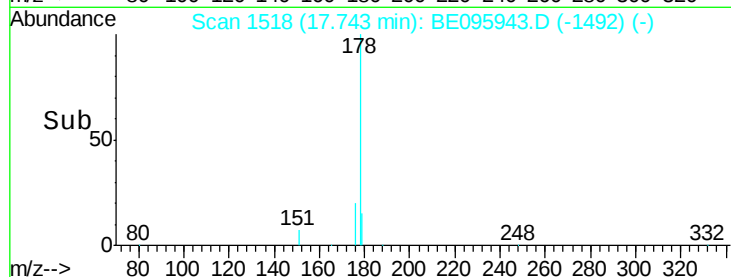
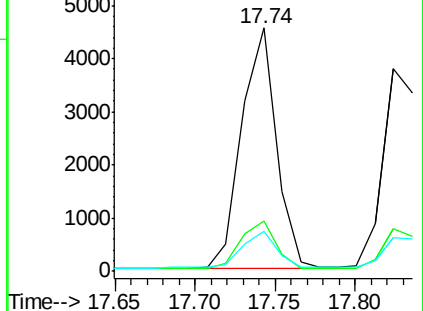
179 14.9 11.8 17.6



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: 0.318 ng

RT: 17.82 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

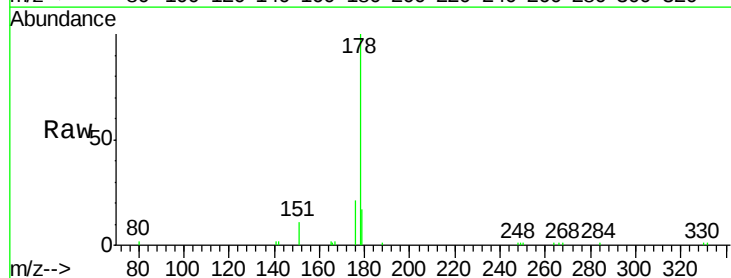
Tgt Ion:178 Resp: 6060

Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

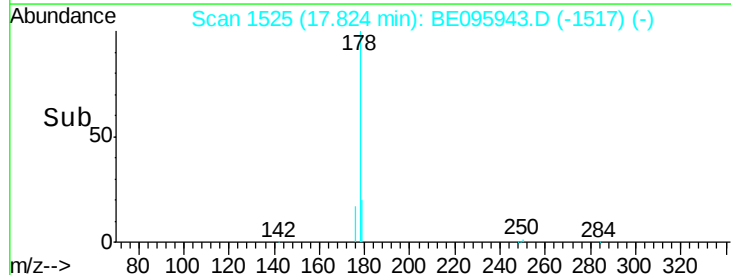
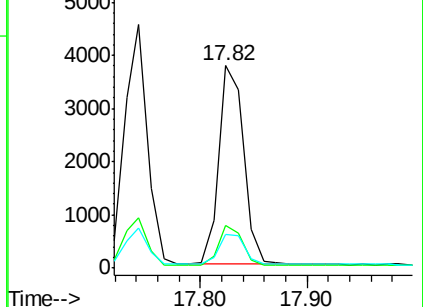
179 15.7 13.0 19.6

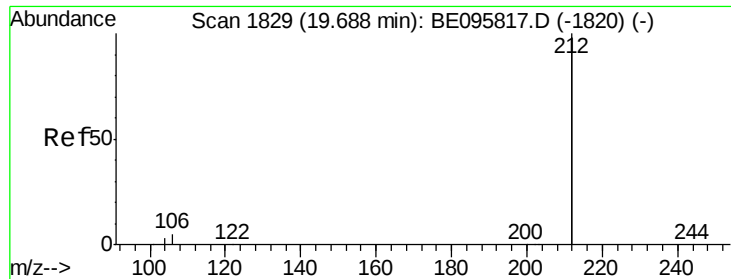


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.304 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

Instrument :

BNA_E

ClientSampleId :

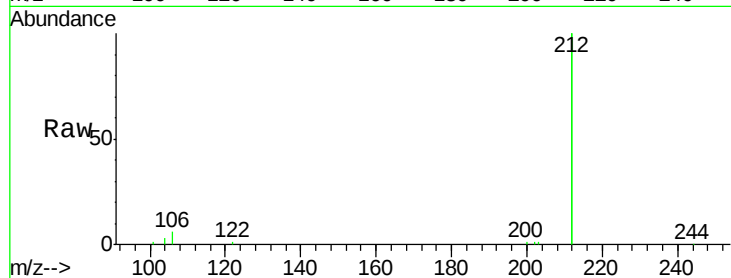
Tot Ion:212 Resp: 28676

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

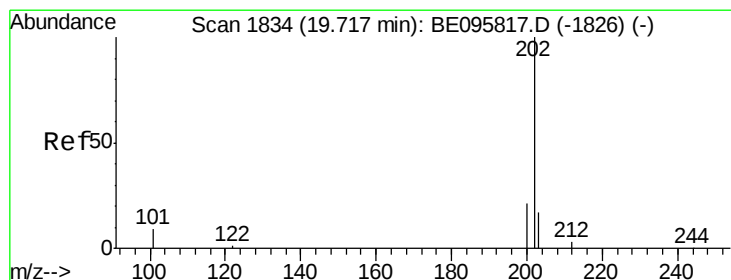
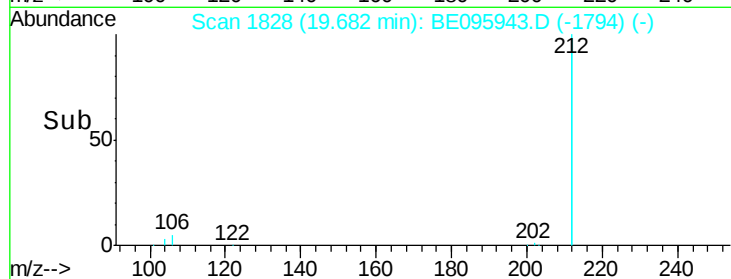
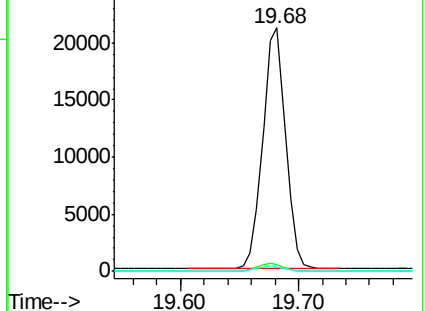
104 1.8 1.6 2.4



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: 0.331 ng

RT: 19.71 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

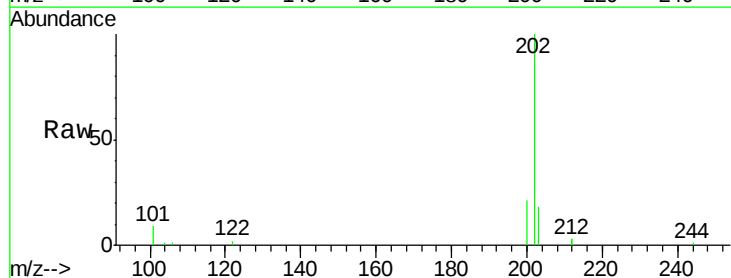
Tgt Ion:202 Resp: 8745

Ion Ratio Lower Upper

202 100

101 10.3 9.8 14.8

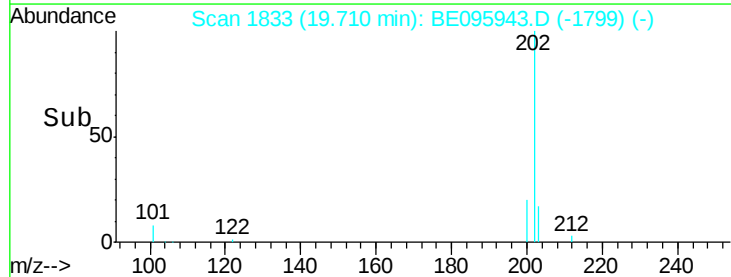
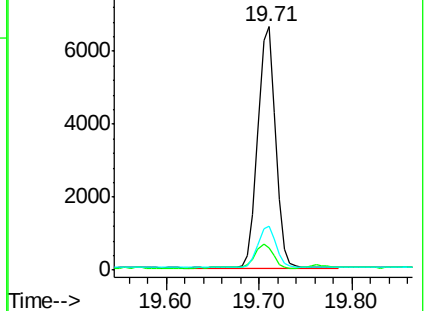
203 17.2 13.7 20.5



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: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

Instrument :

BNA_E

ClientSampleId :

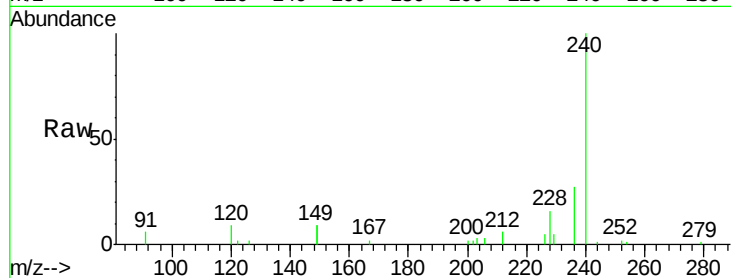
Tot Ion:240 Resp: 7287

Ion Ratio Lower Upper

240 100

120 9.2 5.5 8.3#

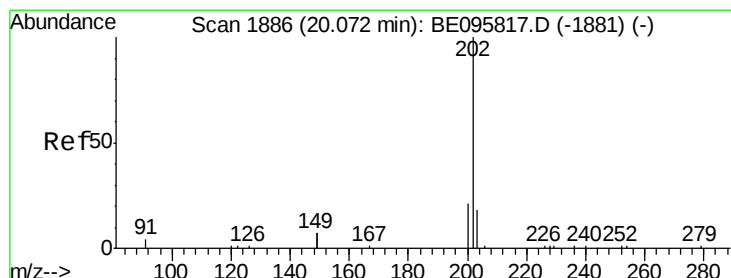
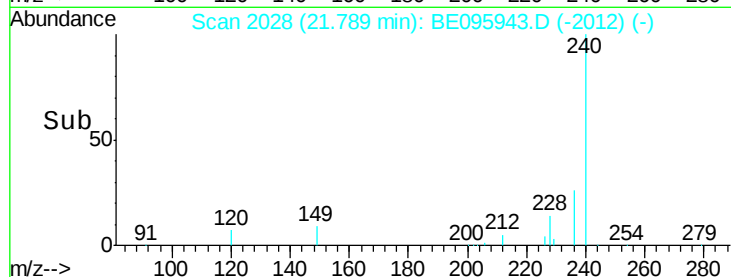
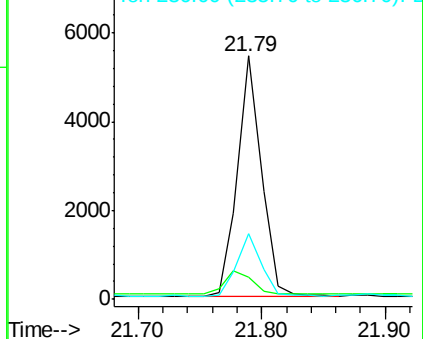
236 27.0 20.7 31.1



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: 0.345 ng

RT: 20.06 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

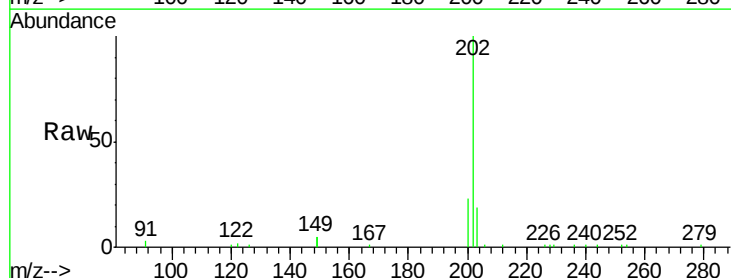
Tgt Ion:202 Resp: 10250

Ion Ratio Lower Upper

202 100

200 24.8 16.6 25.0

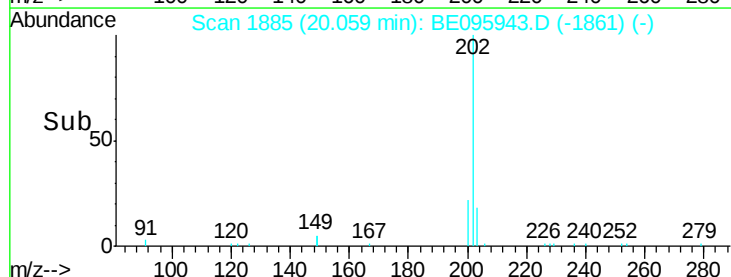
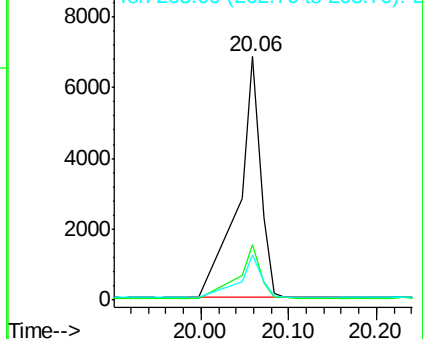
203 18.2 13.8 20.8



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: 0.288 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

Instrument :

BNA_E

ClientSampleId :

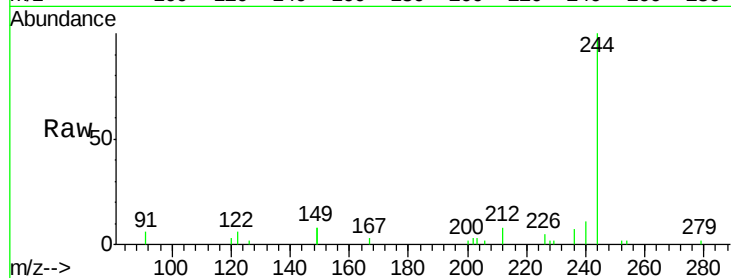
Tot Ion:244 Resp: 4452

Ion Ratio Lower Upper

244 100

212 8.0 25.4 38.0#

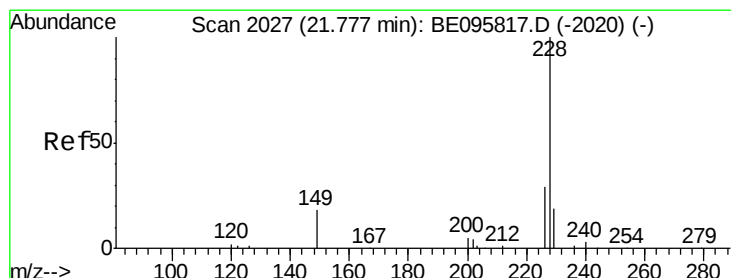
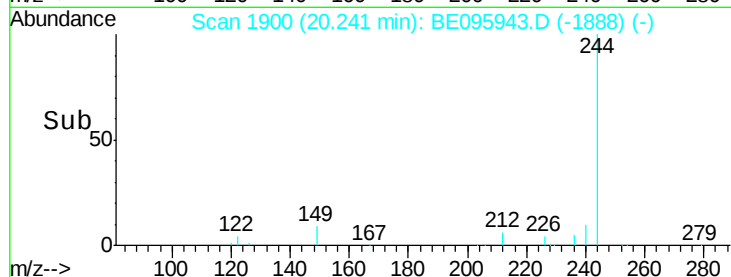
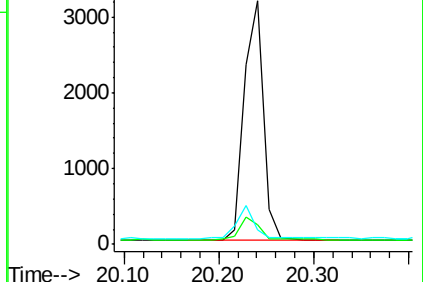
122 6.0 8.1 12.1#



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: 0.303 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

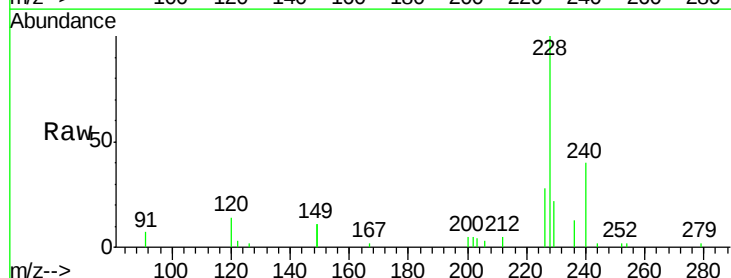
Tgt Ion:228 Resp: 7666

Ion Ratio Lower Upper

228 100

226 27.8 24.0 36.0

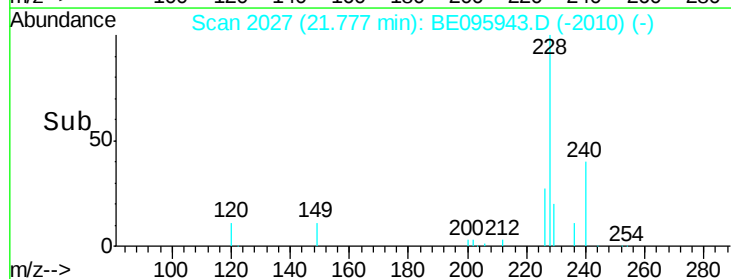
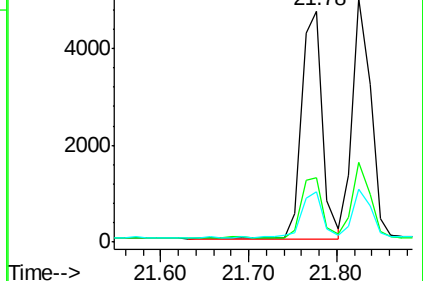
229 21.6 16.0 24.0



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: 0.311 ng

RT: 21.83 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

Instrument :

BNA_E

ClientSampleId :

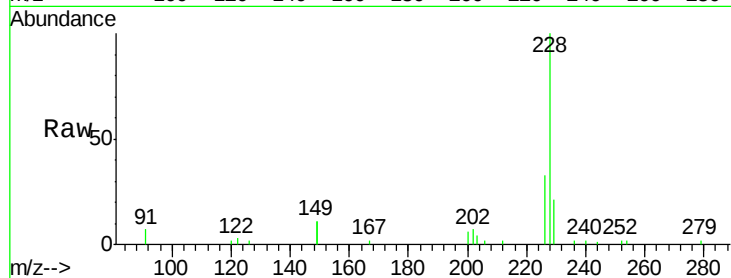
Tot Ion:228 Resp: 7174

Ion Ratio Lower Upper

228 100

226 32.9 24.0 36.0

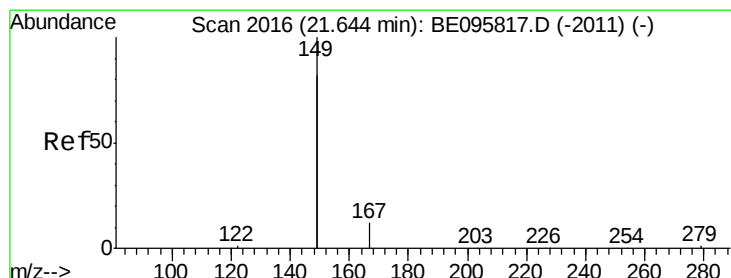
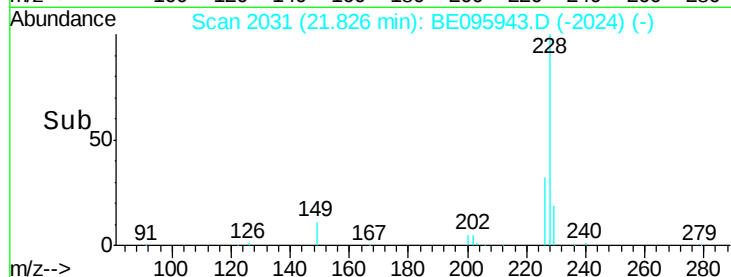
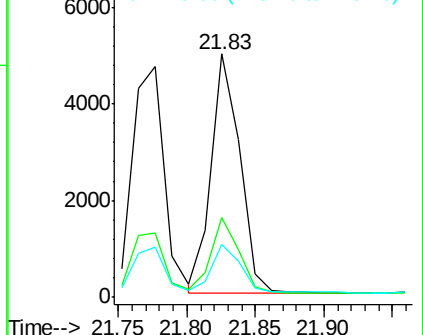
229 21.5 16.0 24.0



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: 0.361 ng

RT: 21.64 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

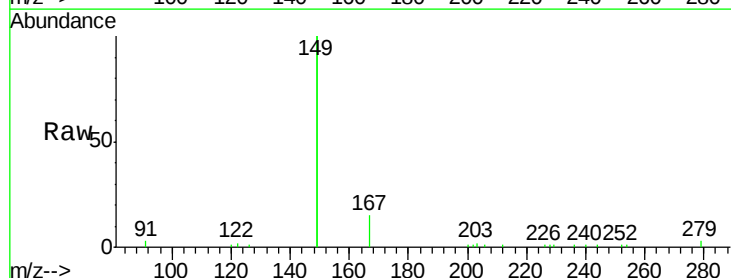
Tgt Ion:149 Resp: 27917

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

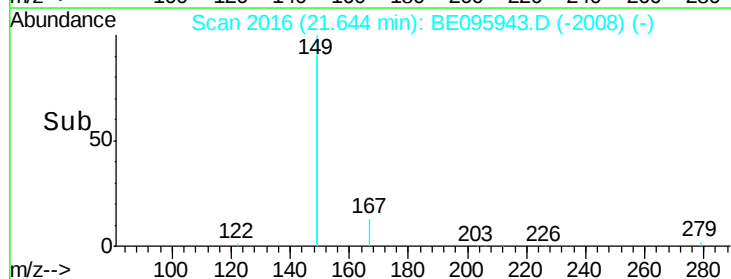
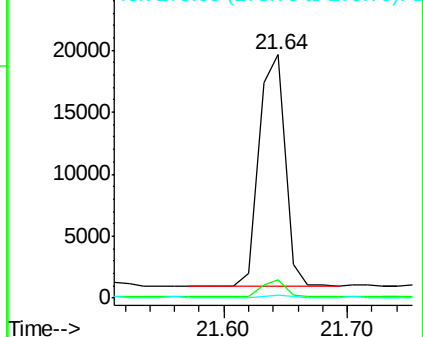
279 0.8 0.7 1.1



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: 0.262 ng

RT: 27.22 min Scan# 3499

Delta R.T. -0.03 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

Instrument :

BNA_E

ClientSampleId :

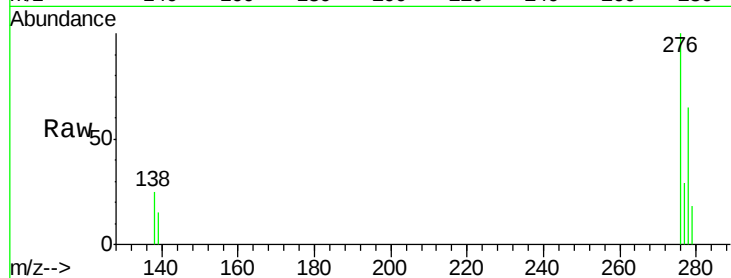
Tot Ion:276 Resp: 6520

Ion Ratio Lower Upper

276 100

138 22.9 22.5 33.7

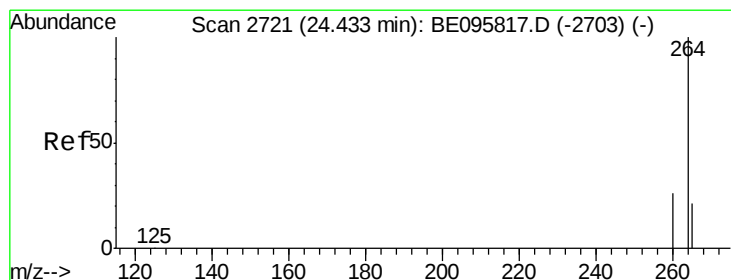
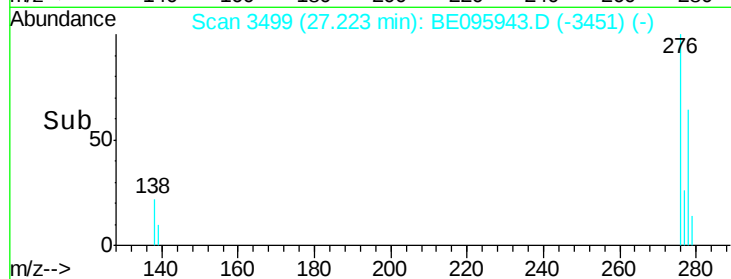
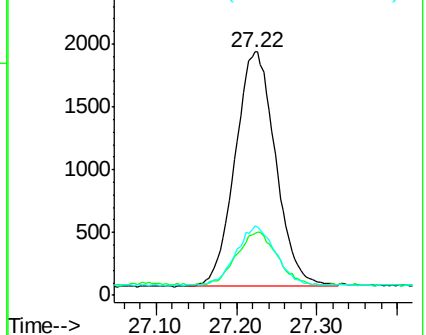
277 24.5 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.41 min Scan# 2716

Delta R.T. -0.02 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

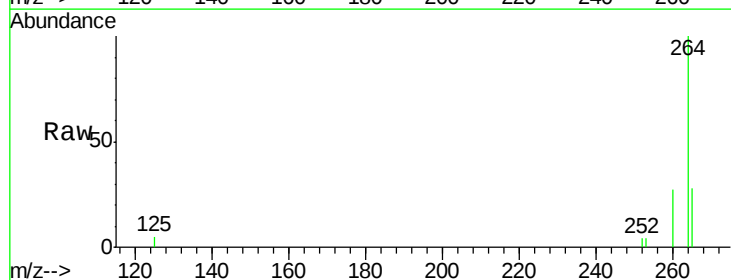
Tgt Ion:264 Resp: 7549

Ion Ratio Lower Upper

264 100

260 27.1 20.5 30.7

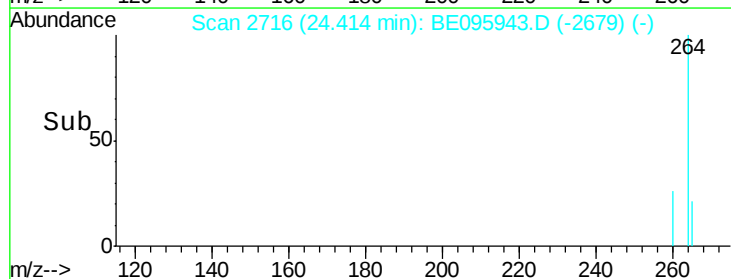
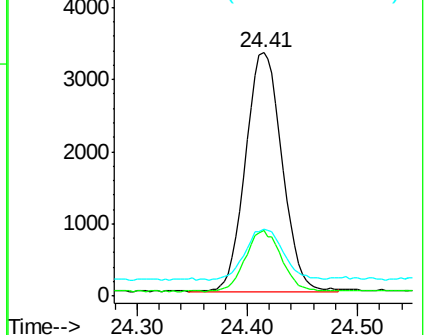
265 27.5 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

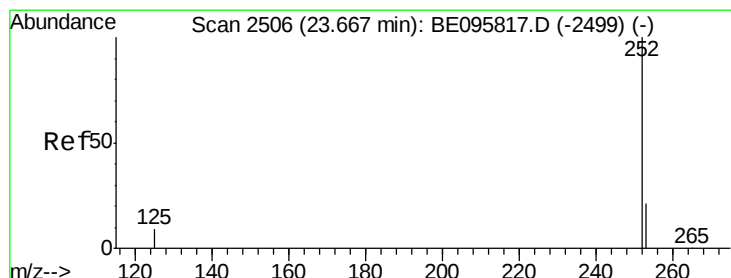
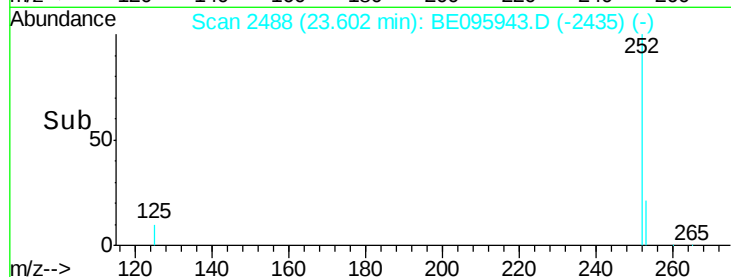
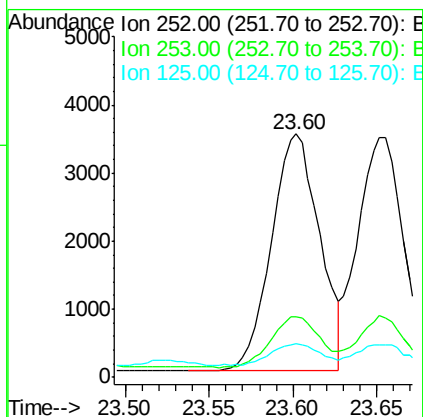
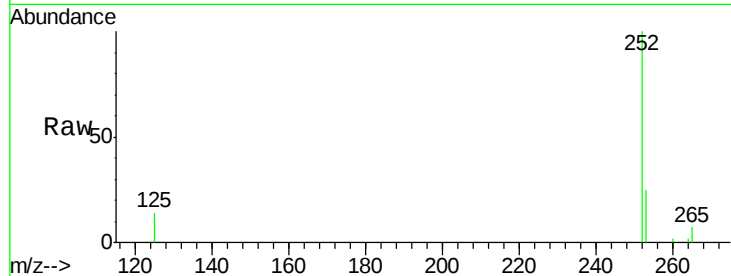




#35
Benzo(b)fluoranthene
Concen: 0.280 ng
RT: 23.60 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BE095943.D
Acq: 4 Apr 2018 12:38

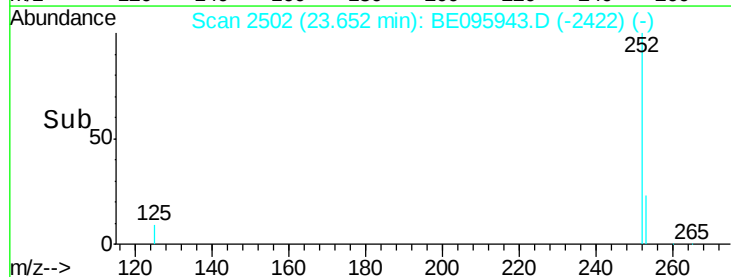
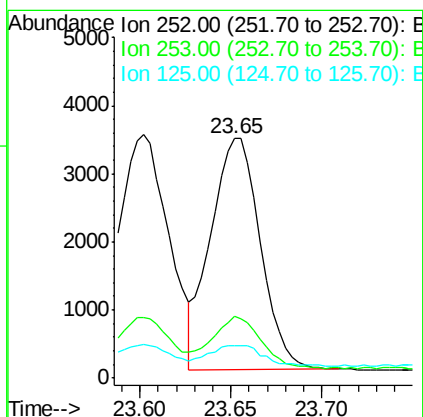
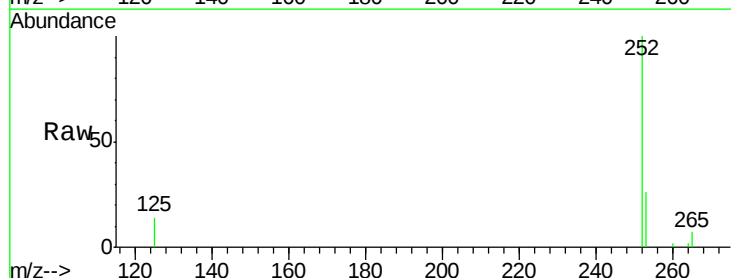
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 7001
Ion Ratio Lower Upper
252 100
253 25.0 20.0 30.0
125 14.0 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.259 ng
RT: 23.65 min Scan# 2502
Delta R.T. -0.02 min
Lab File: BE095943.D
Acq: 4 Apr 2018 12:38

Tgt Ion:252 Resp: 6476
Ion Ratio Lower Upper
252 100
253 25.9 16.0 24.0#
125 13.5 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.277 ng

RT: 24.30 min Scan# 2683

Delta R.T. -0.02 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

Instrument :

BNA_E

ClientSampleId :

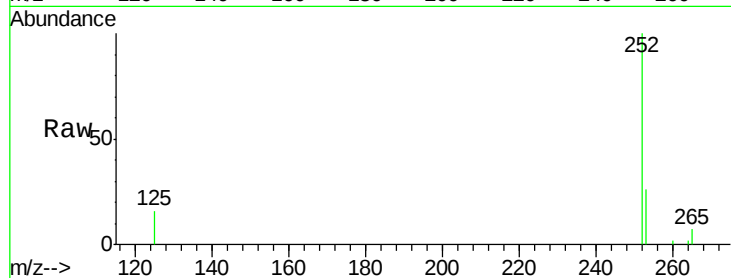
Tot Ion:252 Resp: 6493

Ion Ratio Lower Upper

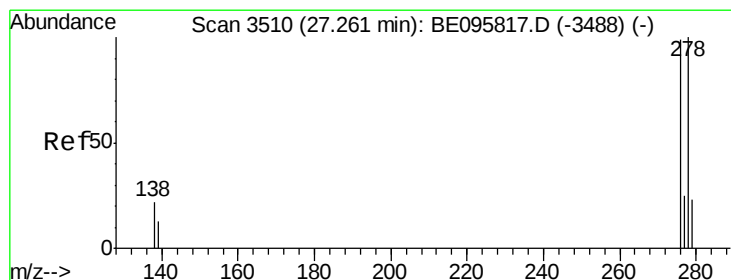
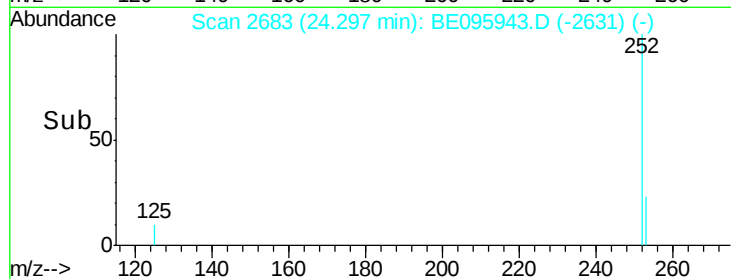
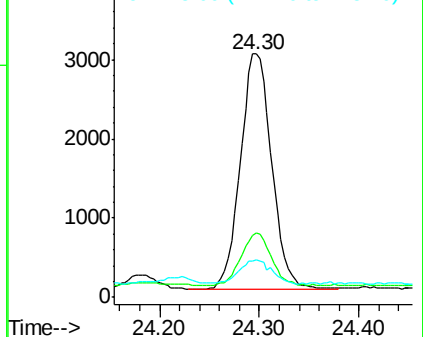
252 100

253 26.5 16.0 24.0#

125 15.5 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.230 ng

RT: 27.24 min Scan# 3503

Delta R.T. -0.02 min

Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

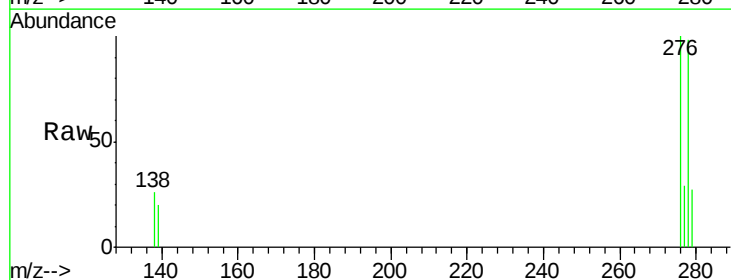
Tgt Ion:278 Resp: 5119

Ion Ratio Lower Upper

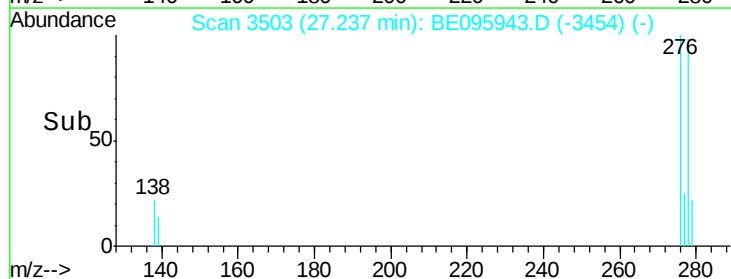
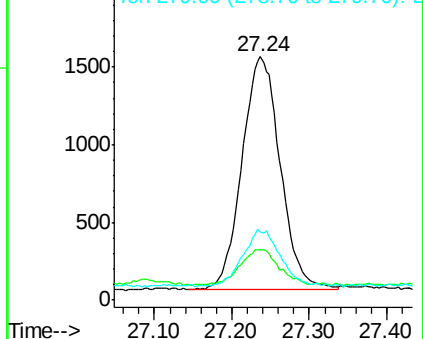
278 100

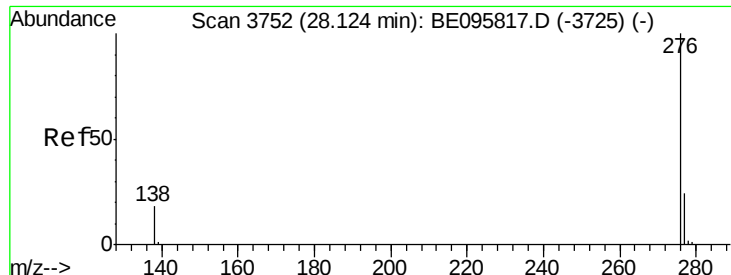
139 20.4 16.0 24.0

279 28.0 20.0 30.0



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: 0.252 ng

RT: 28.10 min Scan# 3745

Delta R.T. -0.02 min

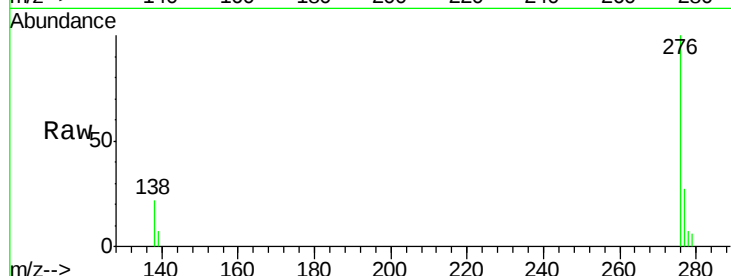
Lab File: BE095943.D

Acq: 4 Apr 2018 12:38

Instrument :

BNA_E

ClientSampleId :



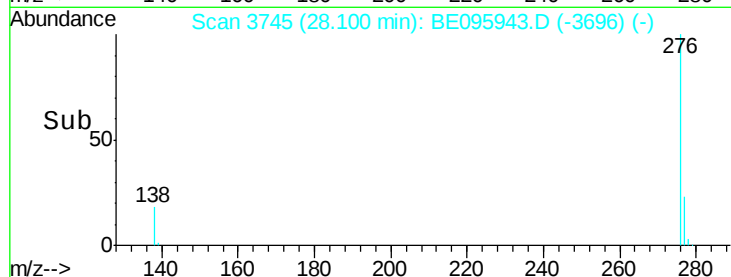
Tot Ion: 276 Resp: 5628

Ion Ratio Lower Upper

276 100

277 27.0 16.0 24.0#

138 22.4 20.0 30.0



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

