

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121917\
 Data File : BE095029.D
 Acq On : 19 Dec 2017 13:14
 Operator : SJ/JU
 Sample : PB105118BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 20 00:46:55 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6923	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	14595	0.40	ng	-0.02
13) Acenaphthene-d10	15.05	164	7214	0.40	ng	-0.01
19) Phenanthrene-d10	17.74	188	16573	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	17274	0.40	ng	-0.03
34) Perylene-d12	24.50	264	14521	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	3147	0.29	ng	-0.01
5) Phenol-d6	7.58	99	4382	0.27	ng	-0.01
8) Nitrobenzene-d5	9.63	82	4214	0.35	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	6970	0.29	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	511	0.30	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	10678	0.33	ng	-0.01
25) Fluoranthene-d10	19.73	212	62220	0.29	ng	-0.02
29) Terphenyl-d14	20.28	244	12116	0.37	ng	-0.03

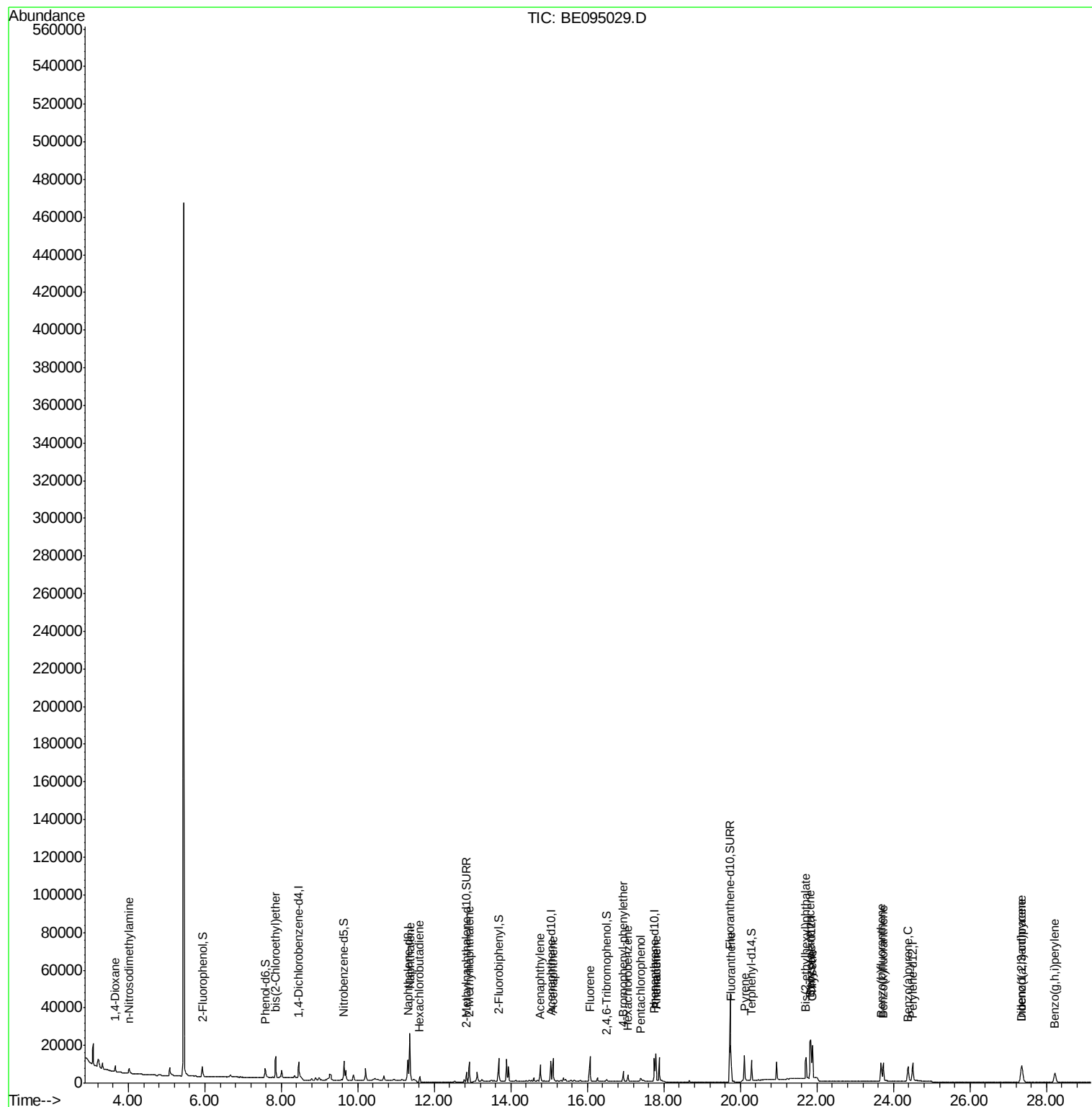
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	1922	0.282	ng	# 64
3) n-Nitrosodimethylamine	4.01	42	2204	0.273	ng	96
6) bis(2-Chloroethyl)ether	7.85	93	4104	0.263	ng	96
9) Naphthalene	11.36	128	46342	0.270	ng	100
10) Hexachlorobutadiene	11.61	225	2120	0.272	ng	98
12) 2-Methylnaphthalene	12.91	142	10639	0.249	ng	97
16) Acenaphthylene	14.76	152	10054	0.261	ng	100
17) Acenaphthene	15.11	154	6769	0.265	ng	98
18) Fluorene	16.07	166	8517	0.268	ng	# 79
20) 4-Bromophenyl-phenylether	16.94	248	2710	0.279	ng	86
21) Hexachlorobenzene	17.06	284	2625	0.265	ng	# 83
22) Pentachlorophenol	17.40	266	1183	0.561	ng	# 76
23) Phenanthrene	17.79	178	14440	0.280	ng	99
24) Anthracene	17.79	178	14440	0.273	ng	95
26) Fluoranthene	19.75	202	17124	0.269	ng	99
28) Pyrene	20.11	202	19524	0.334	ng	99
30) Benzo(a)anthracene	21.82	228	15590	0.309	ng	# 62
31) Chrysene	21.89	228	17968	0.316	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.71	149	17732	0.276	ng	99
33) Indeno(1,2,3-cd)pyrene	27.34	276	14608	0.316	ng	98
35) Benzo(b)fluoranthene	23.67	252	15318	0.287	ng	# 91
36) Benzo(k)fluoranthene	23.73	252	14418	0.267	ng	# 92
37) Benzo(a)pyrene	24.38	252	13543	0.286	ng	94
38) Dibenzo(a,h)anthracene	27.37	278	11756	0.268	ng	96
39) Benzo(g,h,i)perylene	28.22	276	12785	0.293	ng	# 96

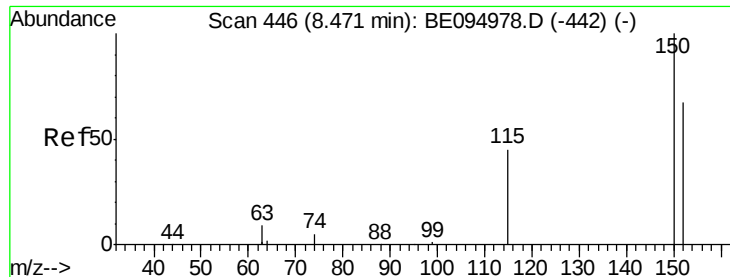
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121917\
Data File : BE095029.D
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ClientSampleId :

Quant Time: Dec 20 00:46:55 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.01 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

Instrument :

BNA_E

ClientSampled :

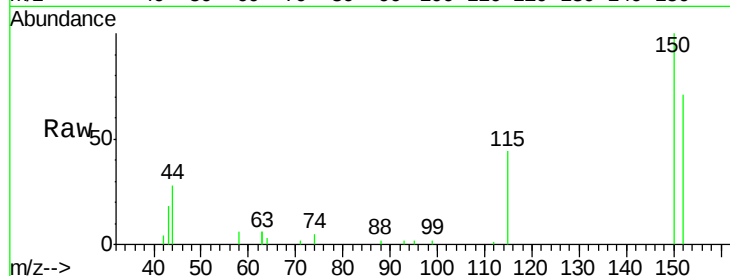
Tot Ion:152 Resp: 6923

Ion Ratio Lower Upper

152 100

150 140.8 117.2 175.8

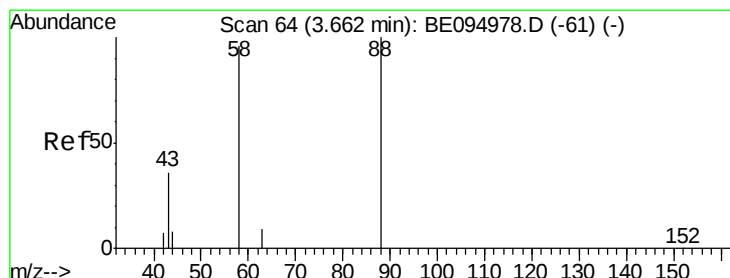
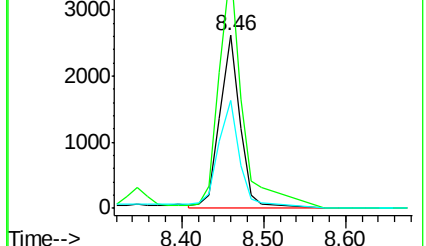
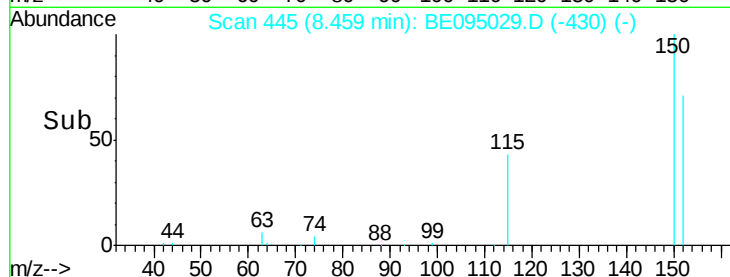
115 62.2 57.0 85.6



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: 0.282 ng

RT: 3.66 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

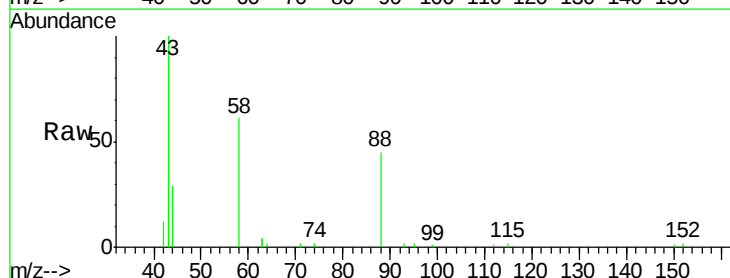
Tgt Ion: 88 Resp: 1922

Ion Ratio Lower Upper

88 100

58 115.7 63.2 94.8#

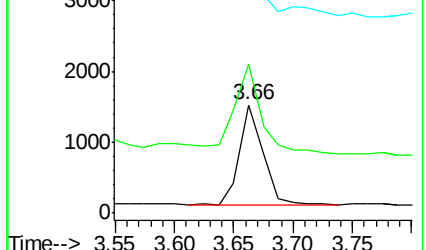
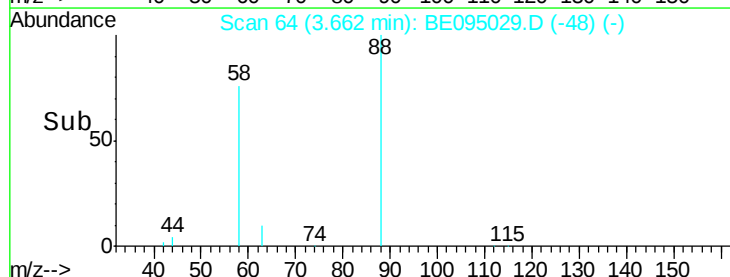
43 71.1 41.2 61.8#

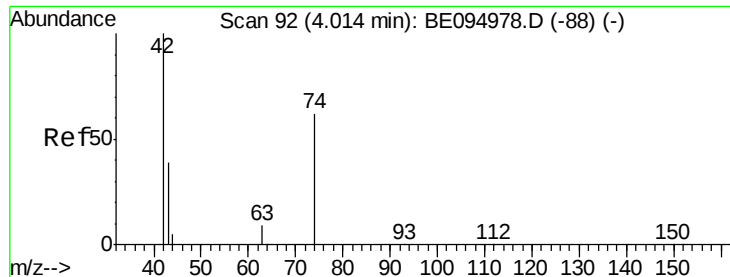


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



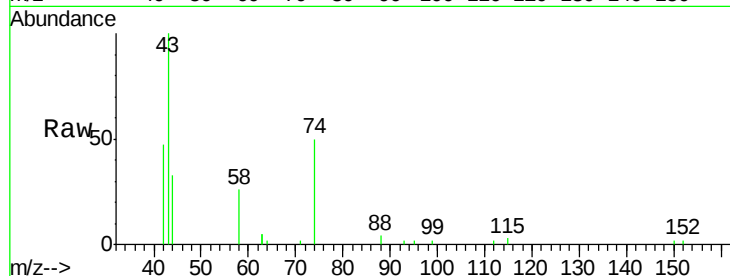


#3

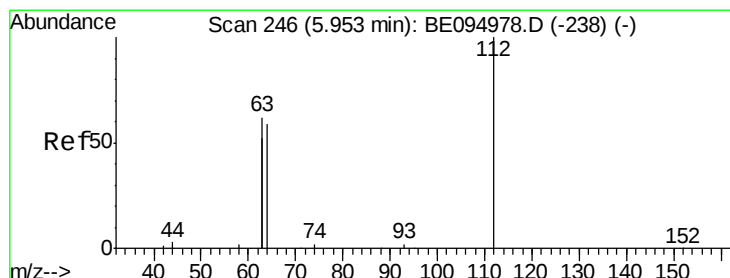
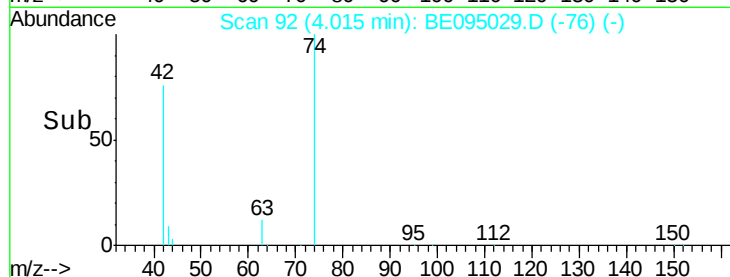
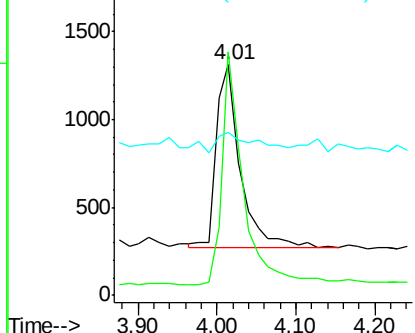
n-Nitrosodimethylamine
 Concen: 0.273 ng
 RT: 4.01 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BE095029.D
 Acq: 19 Dec 2017 13:14

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 2204
 Ion Ratio Lower Upper
 42 100
 74 114.4 96.0 144.0
 44 14.9 12.0 18.0



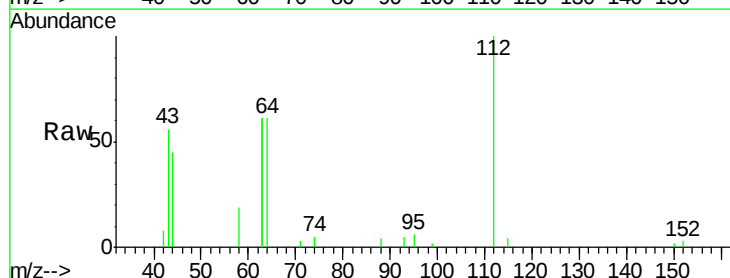
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



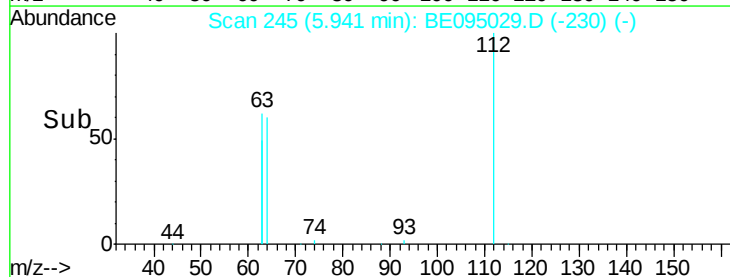
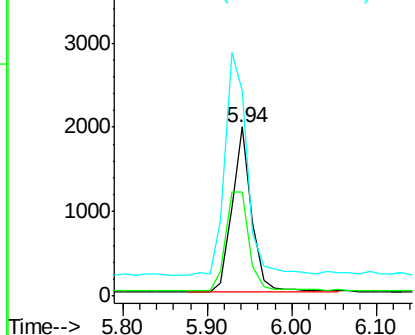
#4

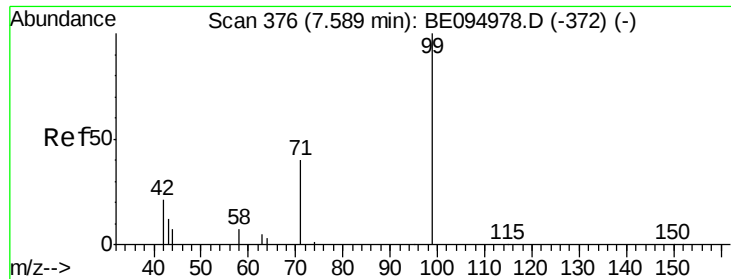
2-Fluorophenol
 Concen: 0.293 ng
 RT: 5.94 min Scan# 245
 Delta R.T. -0.01 min
 Lab File: BE095029.D
 Acq: 19 Dec 2017 13:14

Tgt Ion: 112 Resp: 3147
 Ion Ratio Lower Upper
 112 100
 64 73.7 60.1 90.1
 63 152.8 116.8 175.2



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: 0.274 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

Instrument :

BNA_E

ClientSampleId :

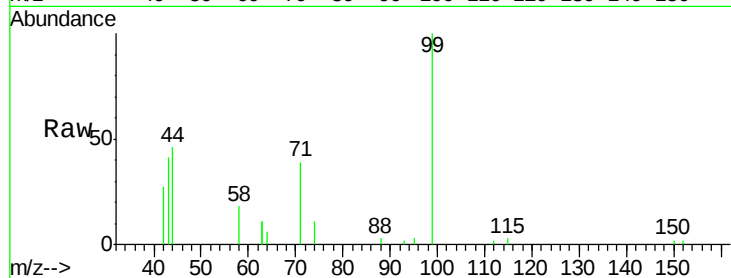
Tot Ion: 99 Resp: 4382

Ion Ratio Lower Upper

99 100

42 22.6 20.2 30.2

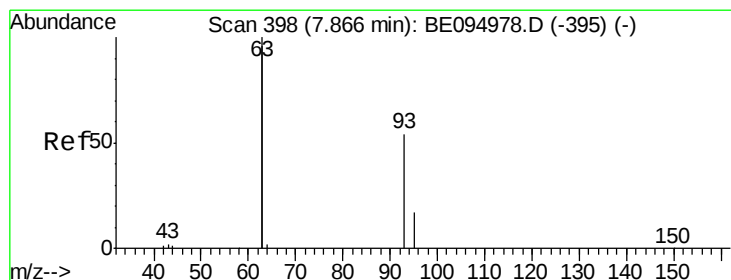
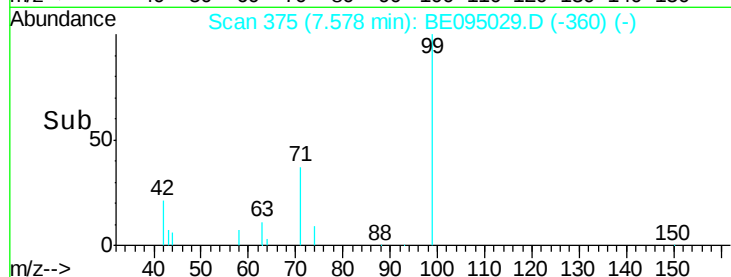
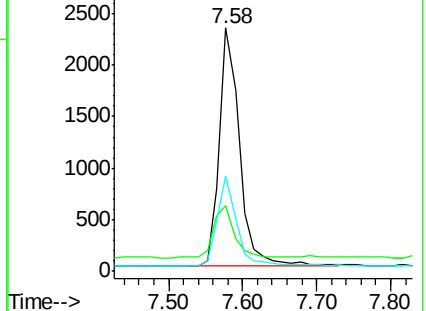
71 36.7 28.4 42.6



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: 0.263 ng

RT: 7.85 min Scan# 397

Delta R.T. -0.01 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

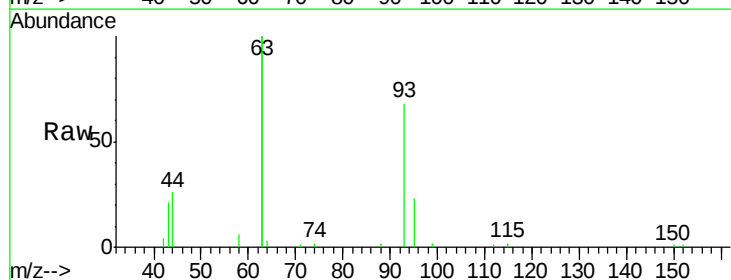
Tgt Ion: 93 Resp: 4104

Ion Ratio Lower Upper

93 100

63 333.8 275.3 412.9

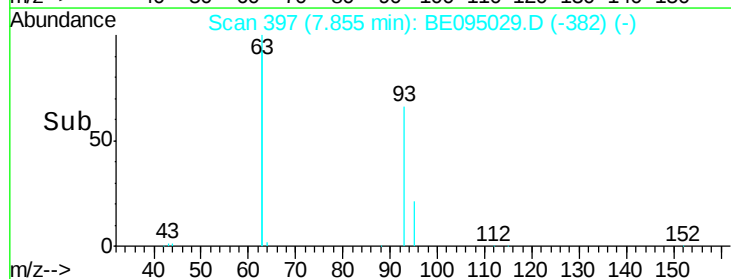
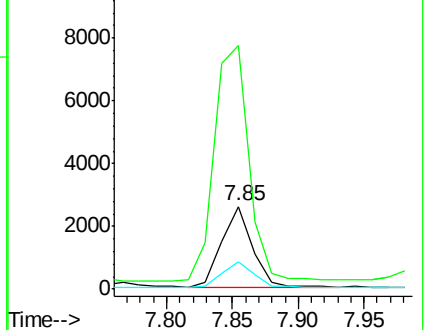
95 31.7 25.2 37.8

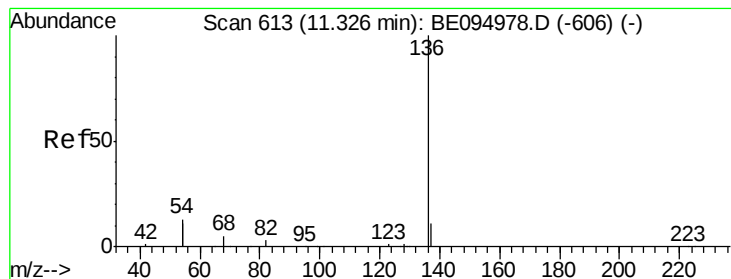


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 14595

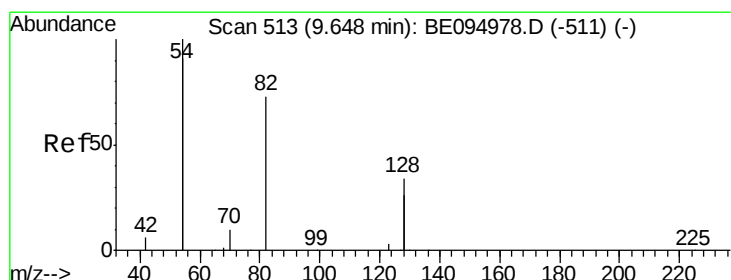
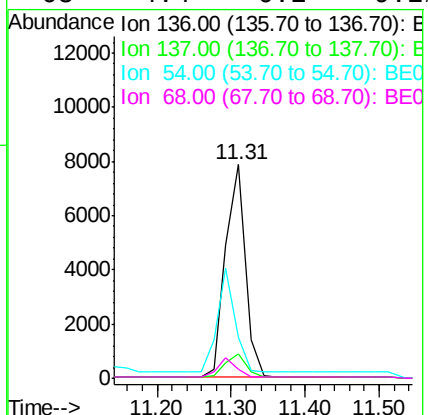
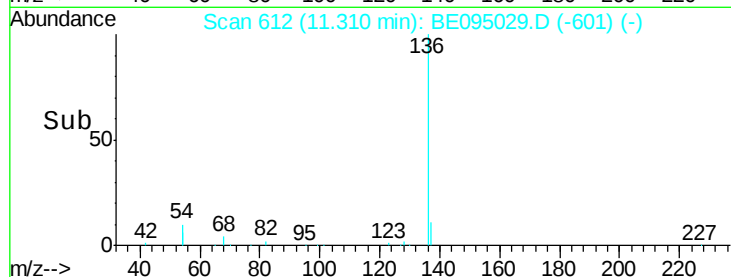
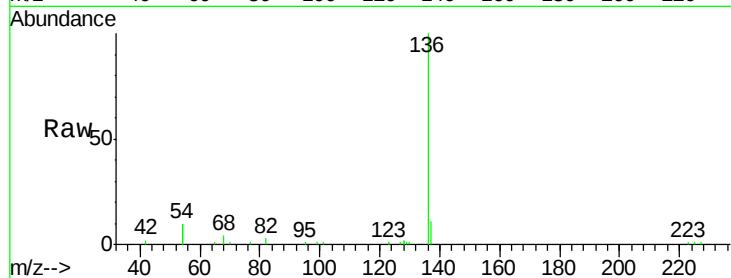
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 19.1 29.1 43.7#

68 4.4 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.352 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

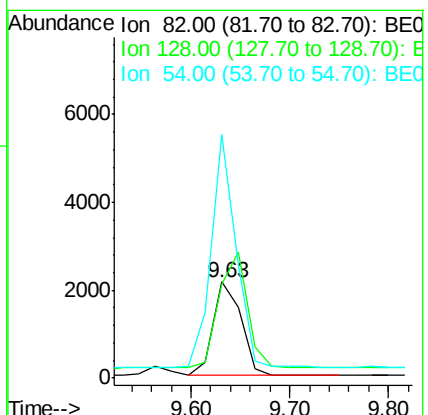
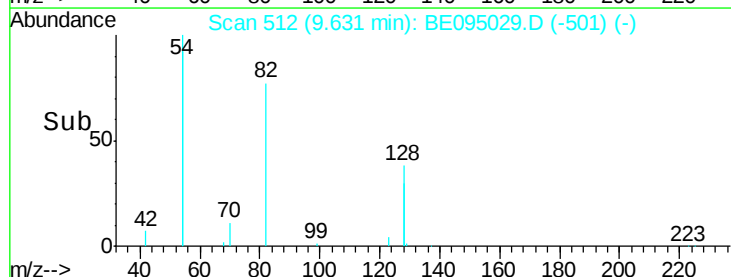
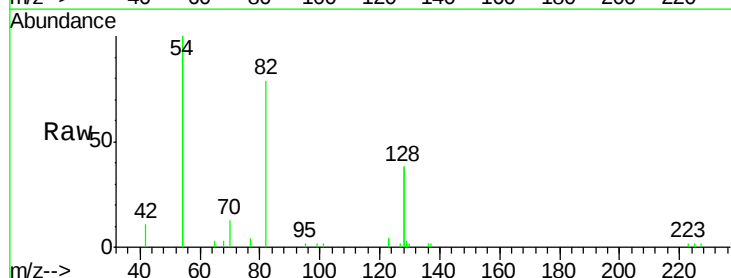
Tgt Ion: 82 Resp: 4214

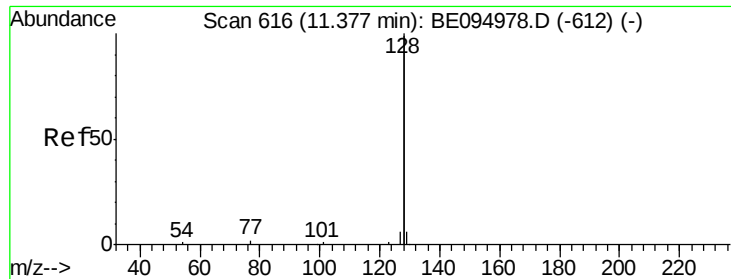
Ion Ratio Lower Upper

82 100

128 97.2 150.0 225.0#

54 253.4 154.2 231.4#





#9

Naphthalene

Concen: 0.270 ng

RT: 11.36 min Scan# 615

Delta R.T. -0.02 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

Instrument :

BNA_E

ClientSampleId :

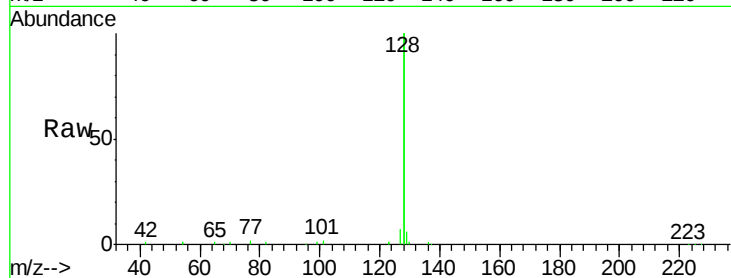
Tot Ion:128 Resp: 46342

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

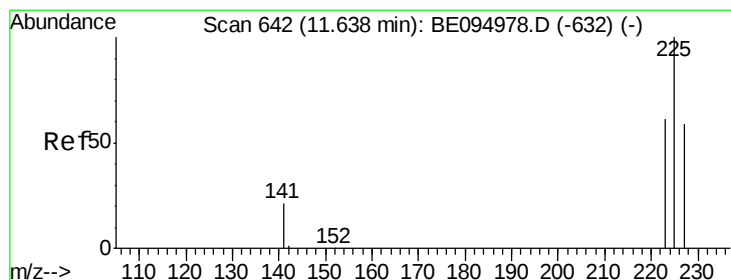
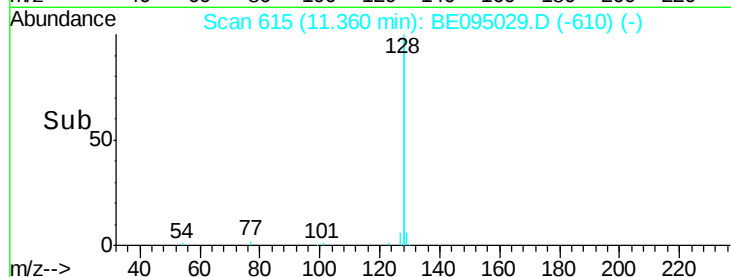
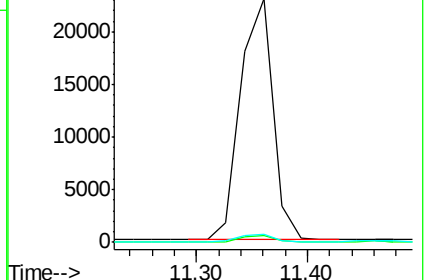
127 3.4 2.8 4.2



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: 0.272 ng

RT: 11.61 min Scan# 638

Delta R.T. -0.02 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

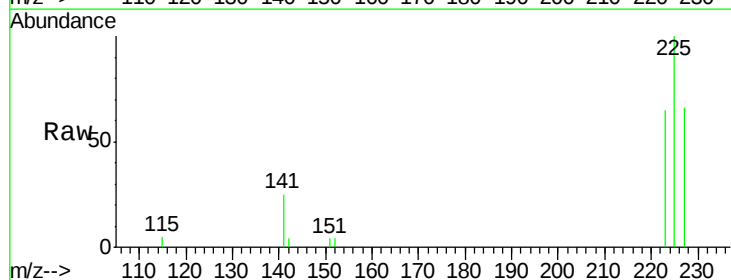
Tgt Ion:225 Resp: 2120

Ion Ratio Lower Upper

225 100

223 63.3 53.0 79.6

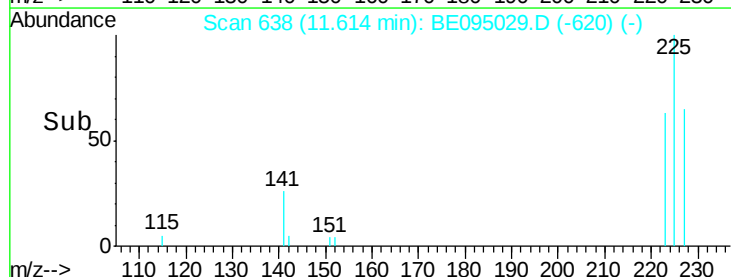
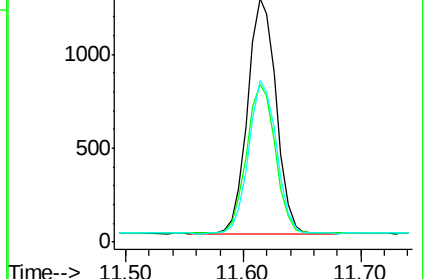
227 63.7 51.4 77.2

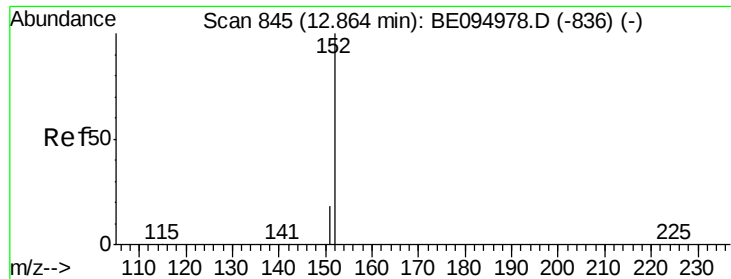


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

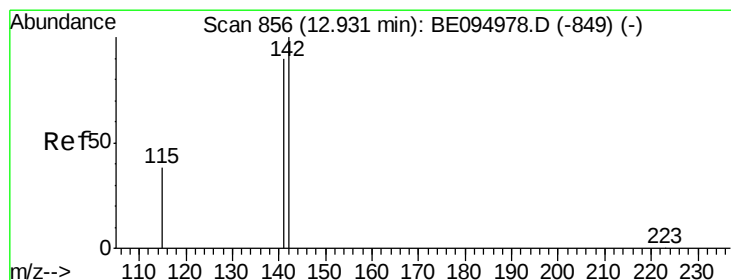
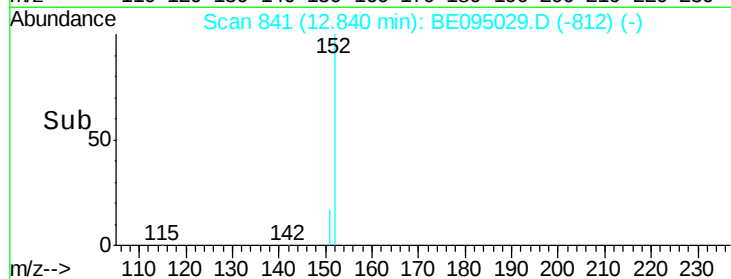
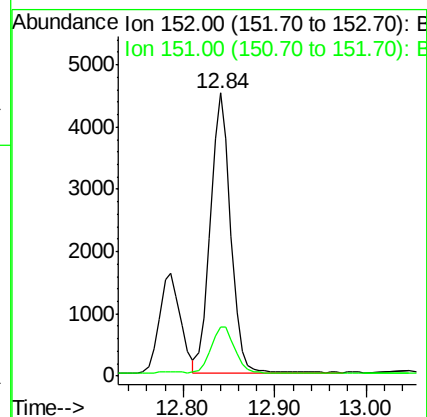
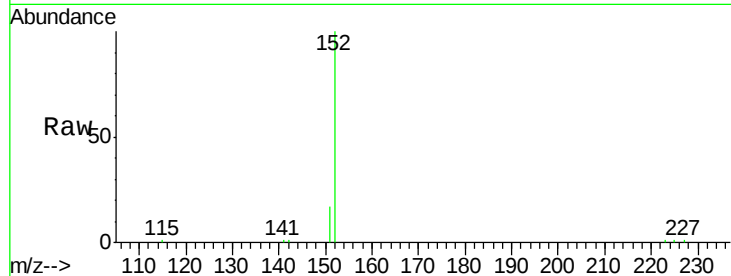




#11
 2-Methylnaphthalene-d10
 Concen: 0.292 ng
 RT: 12.84 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BE095029.D
 Acq: 19 Dec 2017 13:14

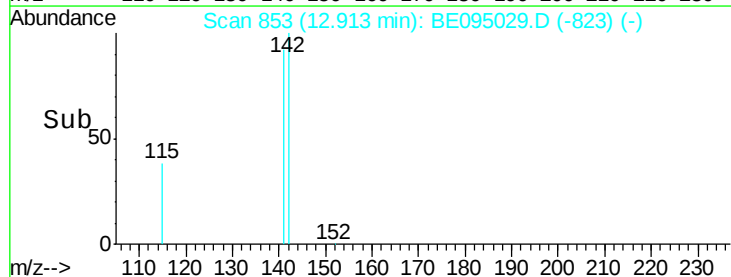
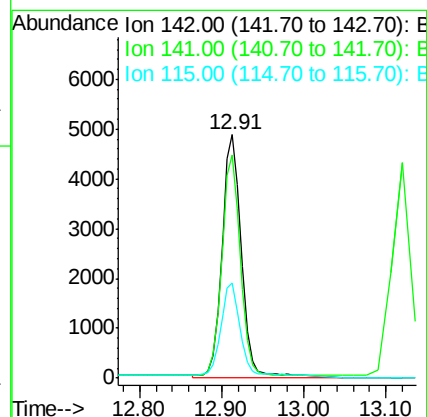
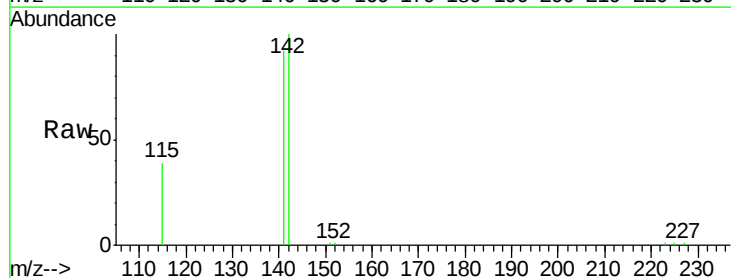
Instrument :
 BNA_E
 ClientSampled :

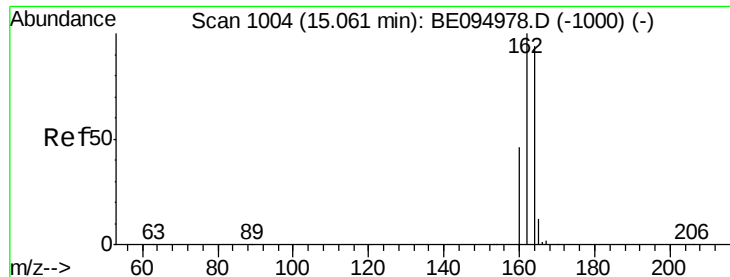
Tot Ion:152 Resp: 6970
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.249 ng
 RT: 12.91 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BE095029.D
 Acq: 19 Dec 2017 13:14

Tgt Ion:142 Resp: 10639
 Ion Ratio Lower Upper
 142 100
 141 91.5 70.4 105.6
 115 39.3 31.7 47.5

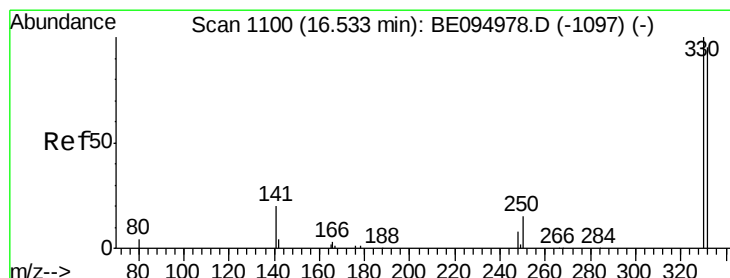
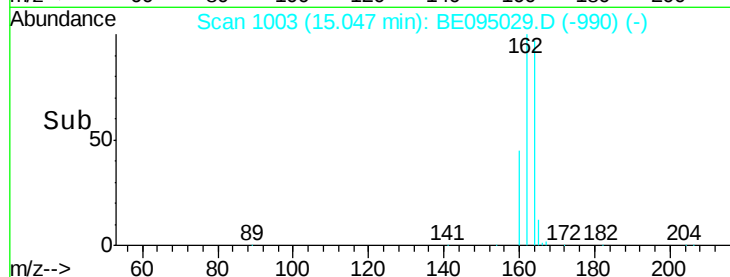
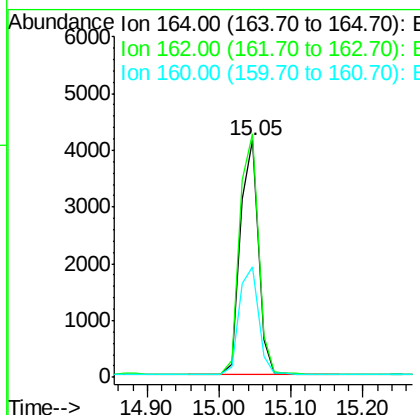
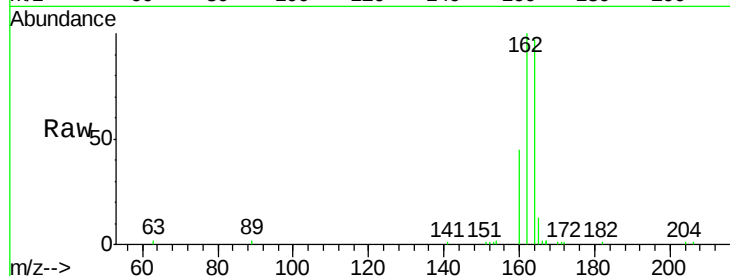




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.05 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BE095029.D
Acq: 19 Dec 2017 13:14

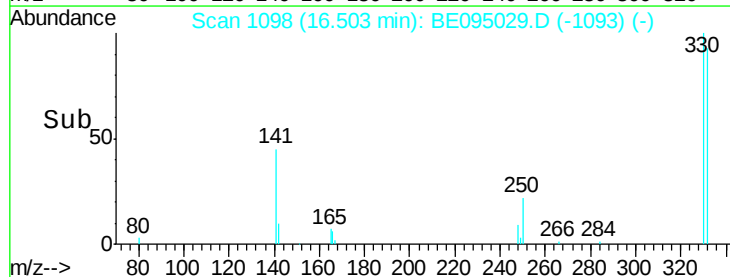
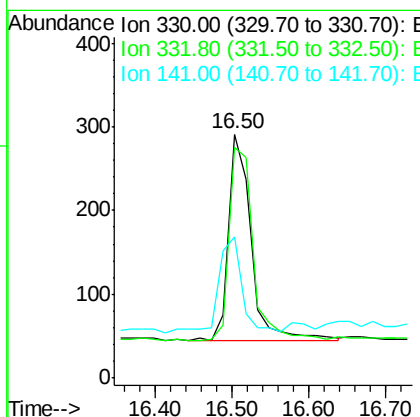
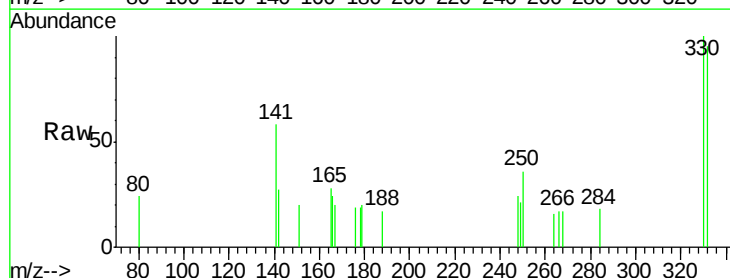
Instrument :
BNA_E
ClientSampleId :

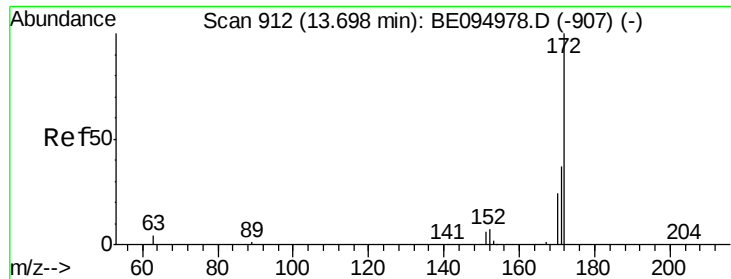
Tot Ion:164 Resp: 7214
Ion Ratio Lower Upper
164 100
162 102.8 83.1 124.7
160 46.7 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 16.50 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BE095029.D
Acq: 19 Dec 2017 13:14

Tgt Ion:330 Resp: 511
Ion Ratio Lower Upper
330 100
332 99.8 152.7 229.1#
141 44.0 33.7 50.5

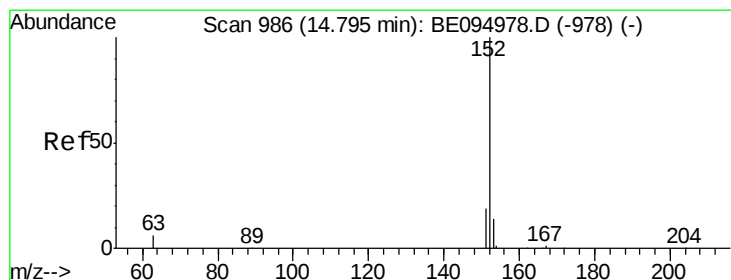
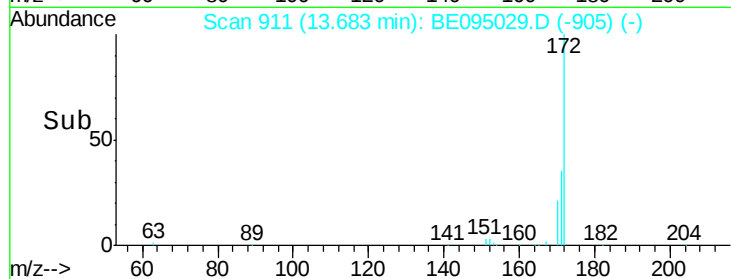
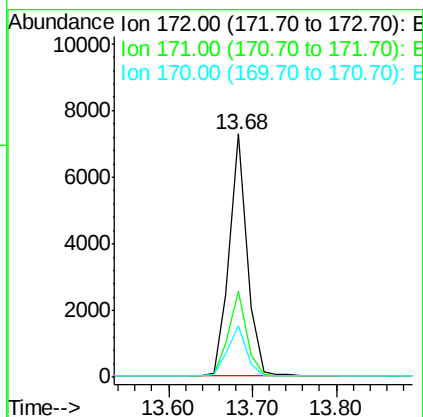
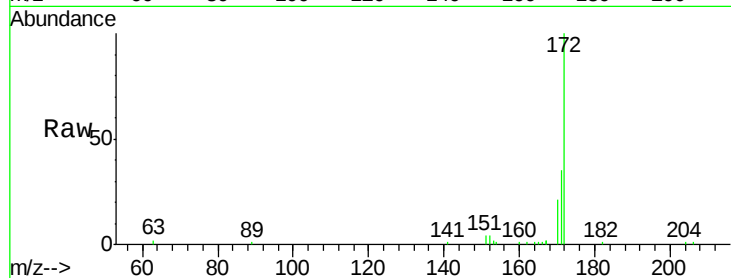




#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.01 min
Lab File: BE095029.D
Acq: 19 Dec 2017 13:14

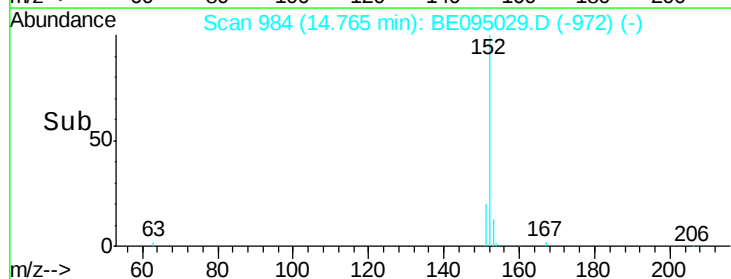
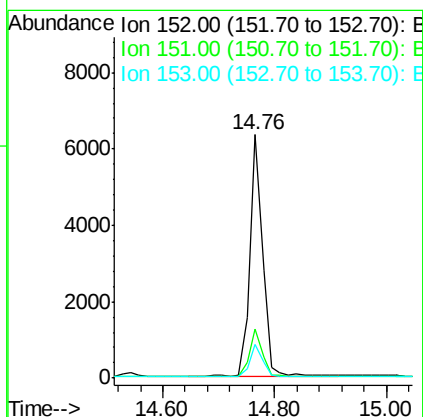
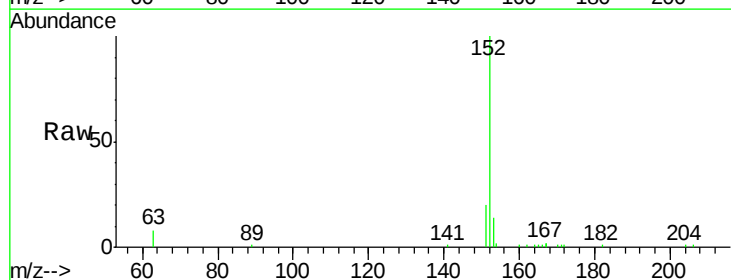
Instrument :
BNA_E
ClientSampleId :

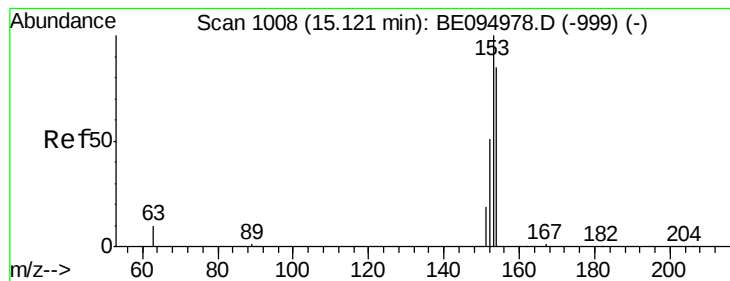
Tot Ion:172 Resp: 10678
Ion Ratio Lower Upper
172 100
171 35.1 29.9 44.9
170 21.4 21.8 32.8#



#16
Acenaphthylene
Concen: 0.261 ng
RT: 14.76 min Scan# 984
Delta R.T. -0.03 min
Lab File: BE095029.D
Acq: 19 Dec 2017 13:14

Tgt Ion:152 Resp: 10054
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.265 ng

RT: 15.11 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

Instrument :

BNA_E

ClientSampleId :

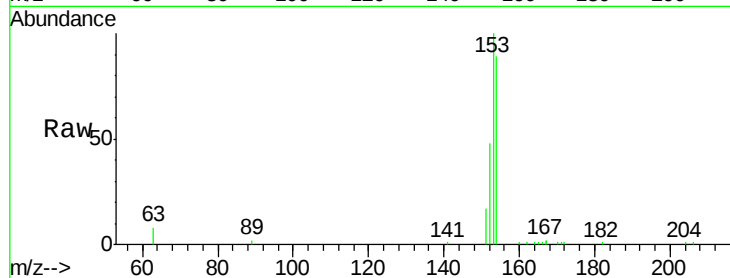
Tot Ion:154 Resp: 6769

Ion Ratio Lower Upper

154 100

153 112.0 89.2 133.8

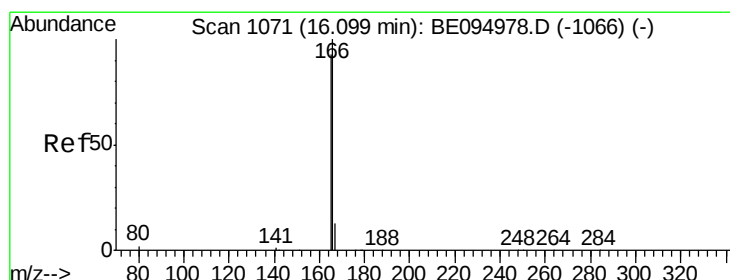
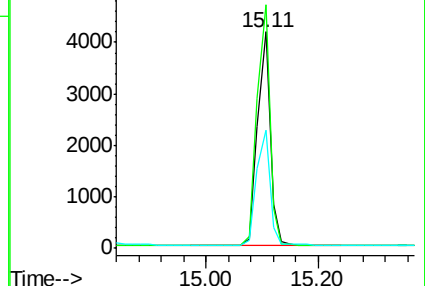
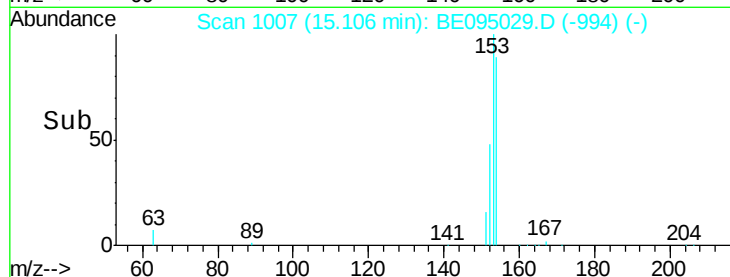
152 56.3 42.0 63.0



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: 0.268 ng

RT: 16.07 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

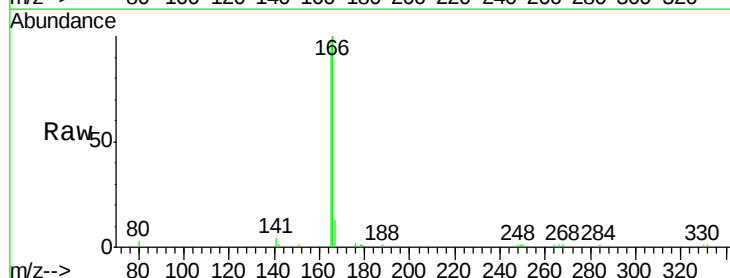
Tgt Ion:166 Resp: 8517

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.6

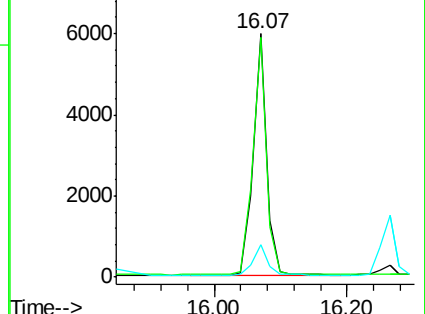
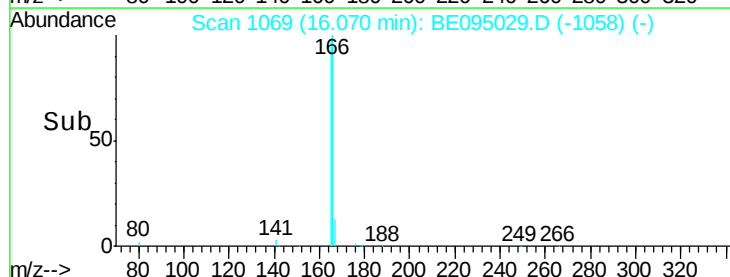
167 13.6 42.4 63.6#

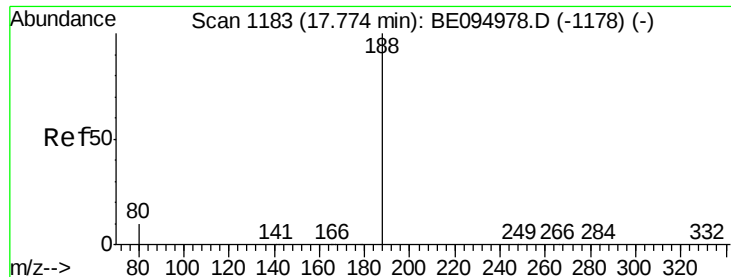


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.74 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

Instrument :

BNA_E

ClientSampleId :

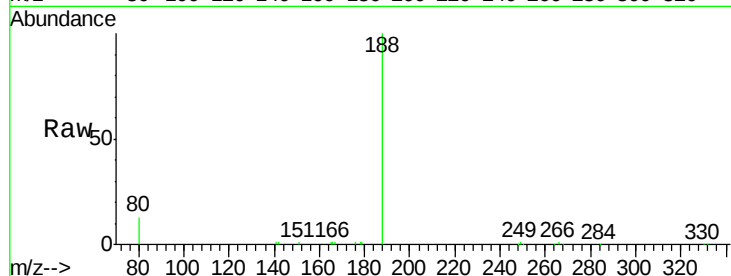
Tot Ion:188 Resp: 16573

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

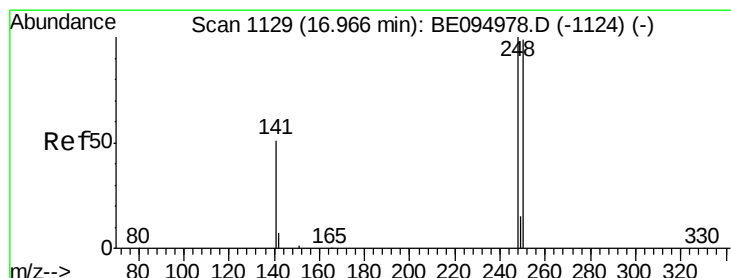
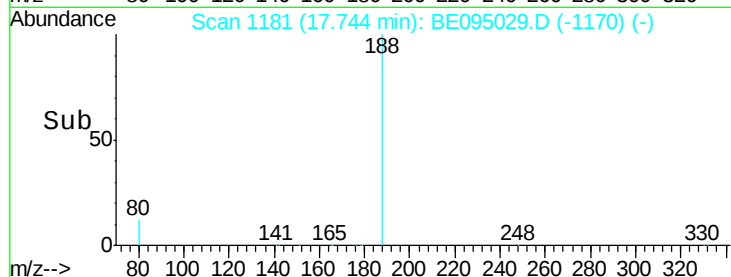
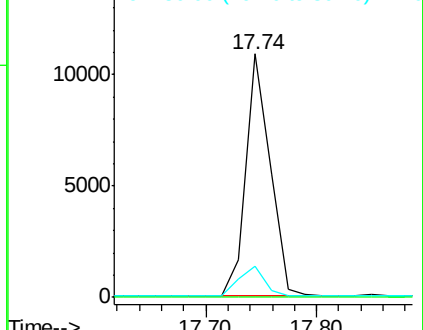
80 13.0 3.6 5.4#



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: 0.279 ng

RT: 16.94 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

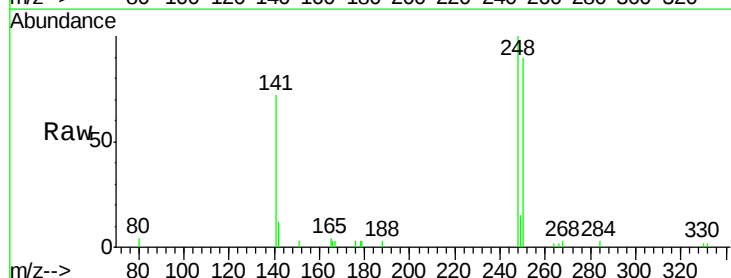
Tgt Ion:248 Resp: 2710

Ion Ratio Lower Upper

248 100

250 89.8 62.7 94.1

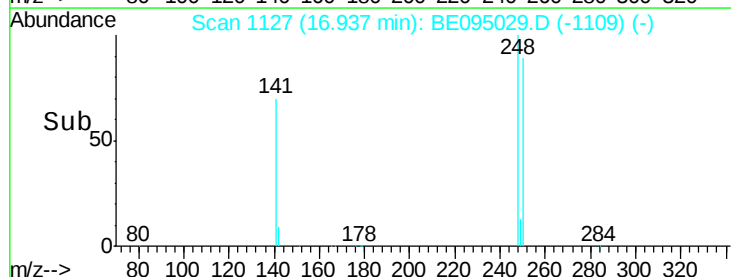
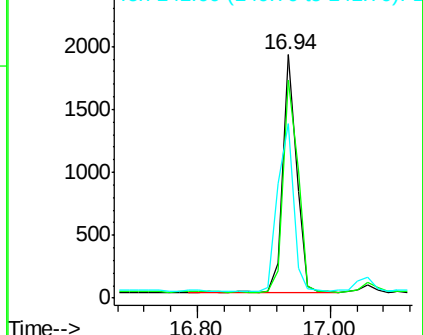
141 71.9 48.2 72.2

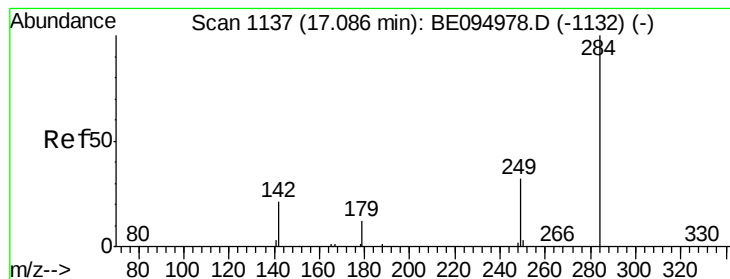


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.265 ng

RT: 17.06 min Scan# 1135

Delta R.T. -0.03 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

Instrument :

BNA_E

ClientSampleId :

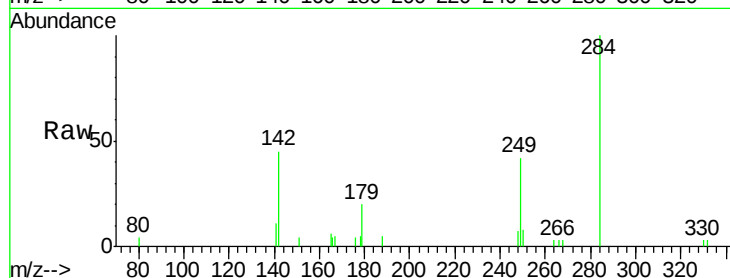
Tot Ion:284 Resp: 2625

Ion Ratio Lower Upper

284 100

142 41.0 22.1 33.1#

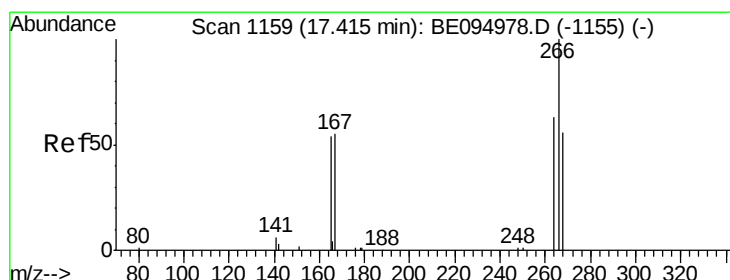
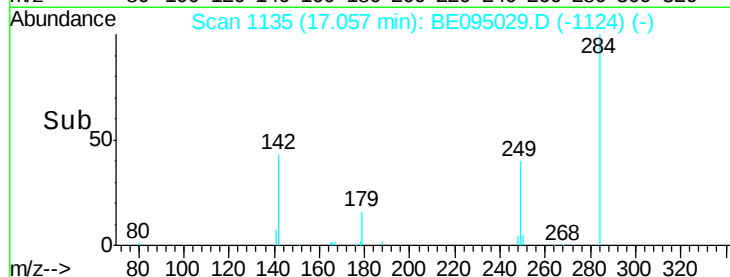
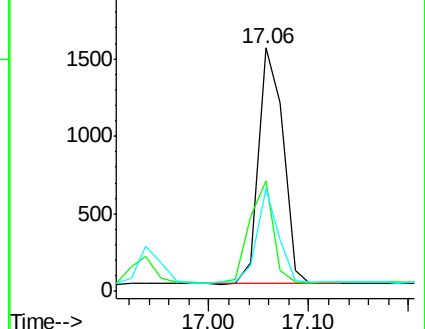
249 35.5 34.8 52.2



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: 0.561 ng

RT: 17.40 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

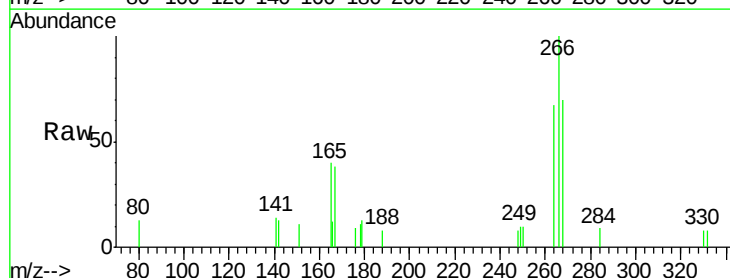
Tgt Ion:266 Resp: 1183

Ion Ratio Lower Upper

266 100

264 66.6 72.5 108.7#

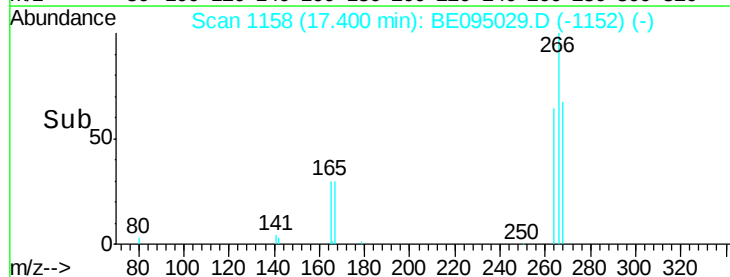
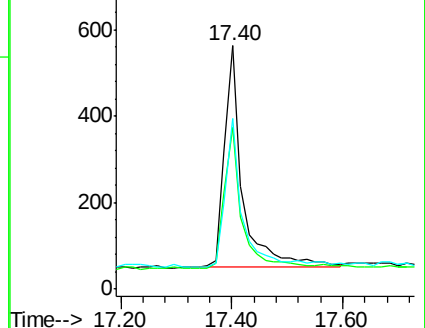
268 70.2 73.8 110.6#

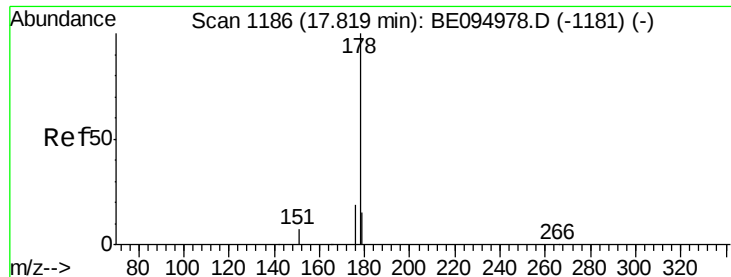


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.280 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

Instrument :

BNA_E

ClientSampled :

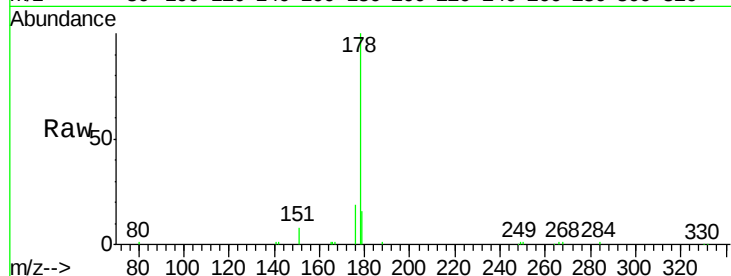
Tot Ion:178 Resp: 14440

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

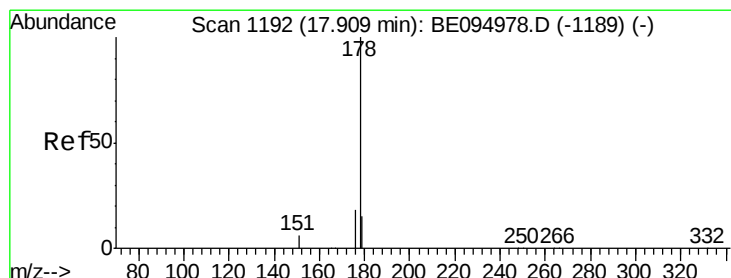
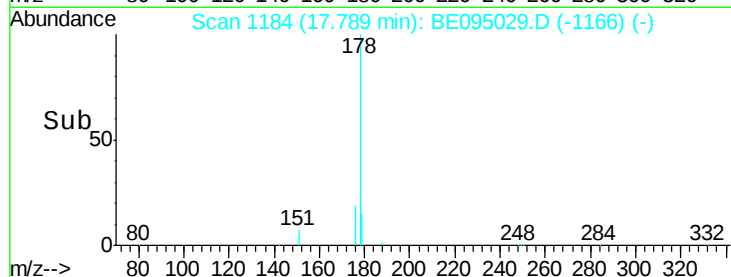
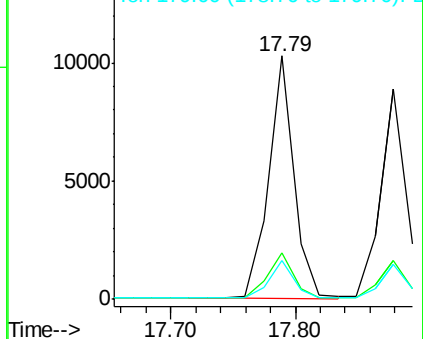
179 15.3 11.8 17.6



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: 0.273 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.12 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

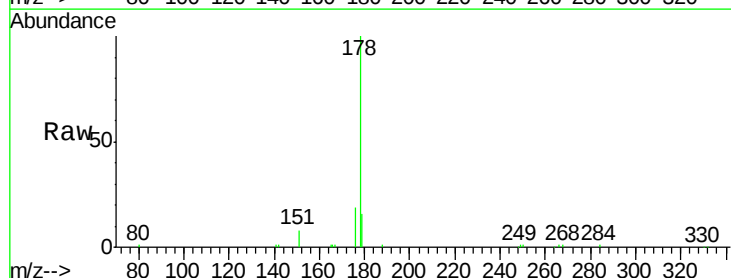
Tgt Ion:178 Resp: 14440

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

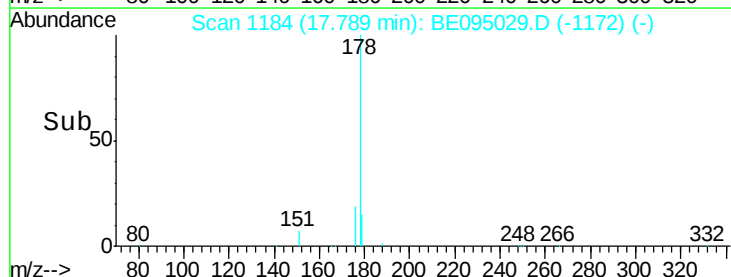
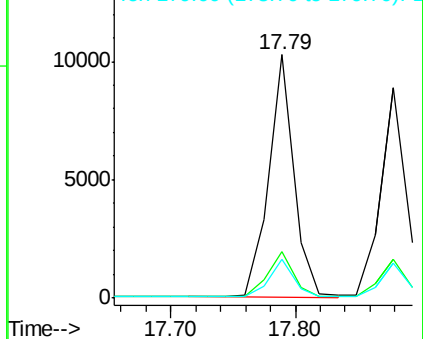
179 15.3 13.0 19.6

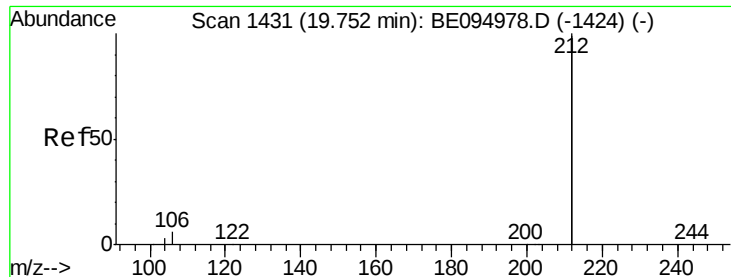


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.289 ng

RT: 19.73 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

Instrument :

BNA_E

ClientSampleId :

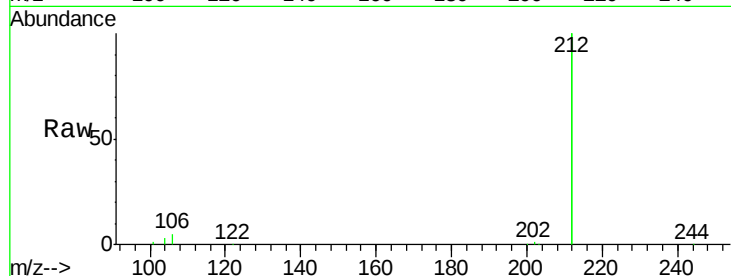
Tot Ion:212 Resp: 62220

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

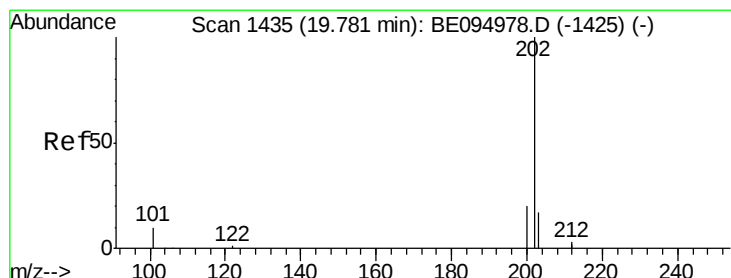
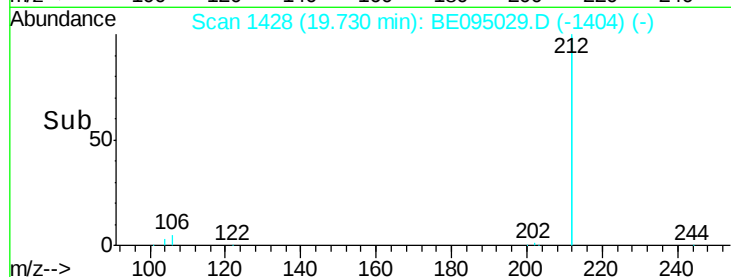
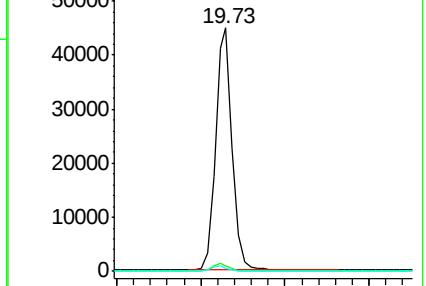
104 1.9 1.6 2.4



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: 0.269 ng

RT: 19.75 min Scan# 1431

Delta R.T. -0.03 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

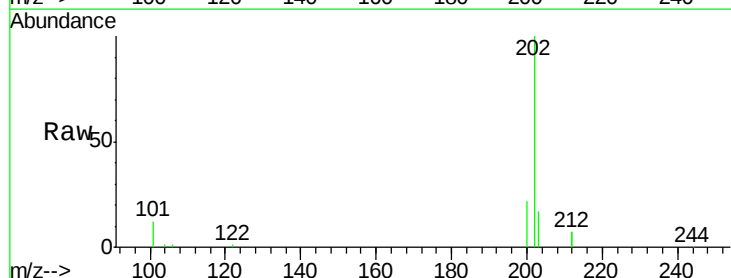
Tgt Ion:202 Resp: 17124

Ion Ratio Lower Upper

202 100

101 11.2 9.8 14.8

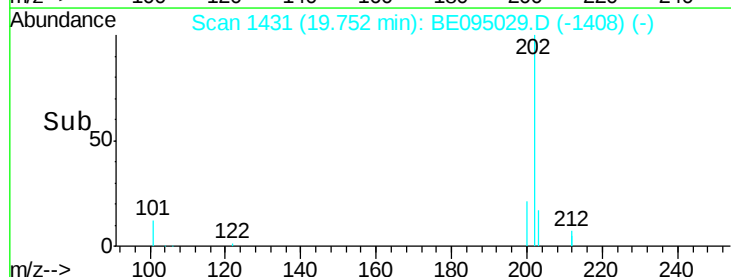
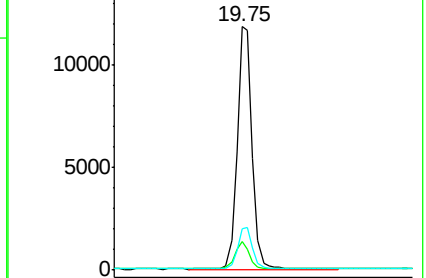
203 17.2 13.7 20.5

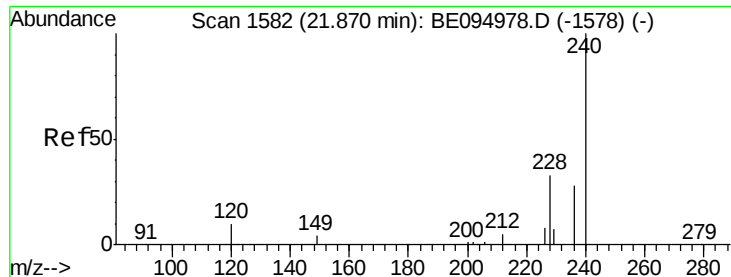


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.84 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

Instrument :

BNA_E

ClientSampleId :

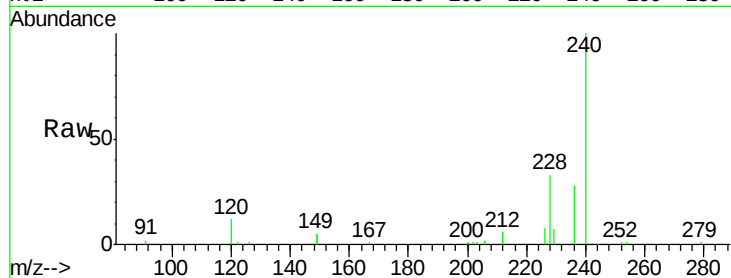
Tot Ion:240 Resp: 17274

Ion Ratio Lower Upper

240 100

120 12.3 5.5 8.3#

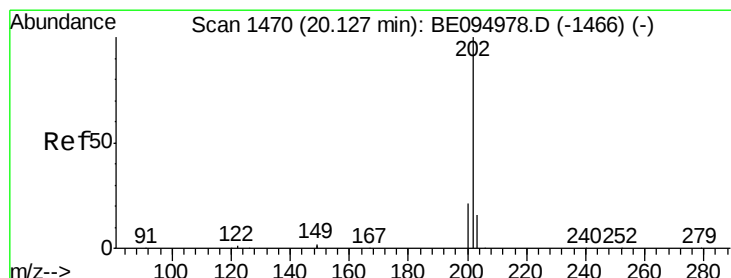
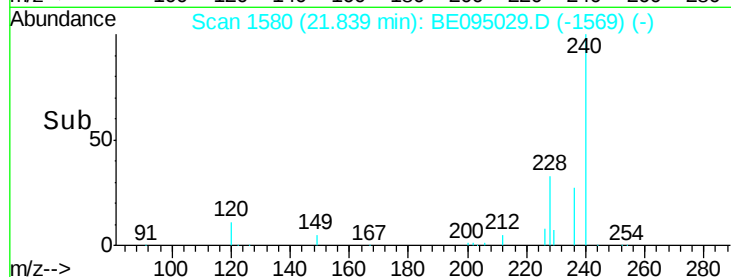
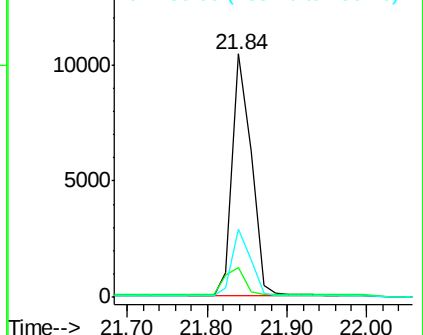
236 28.0 20.7 31.1



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: 0.334 ng

RT: 20.11 min Scan# 1469

Delta R.T. -0.02 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

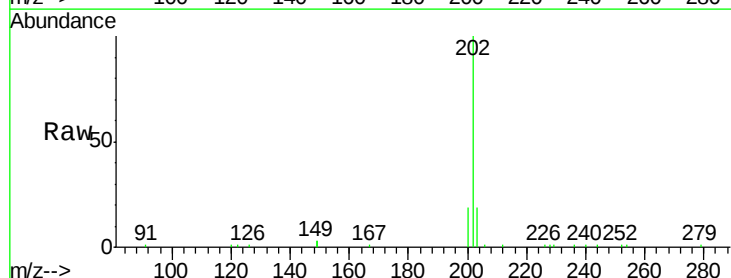
Tgt Ion:202 Resp: 19524

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

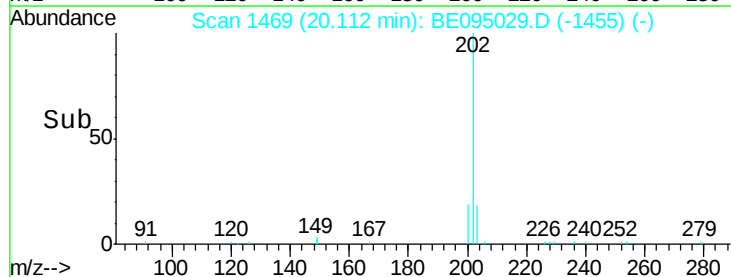
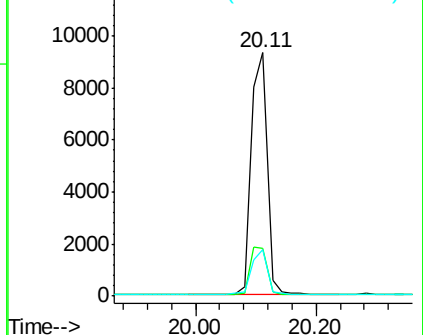
203 18.4 13.8 20.8

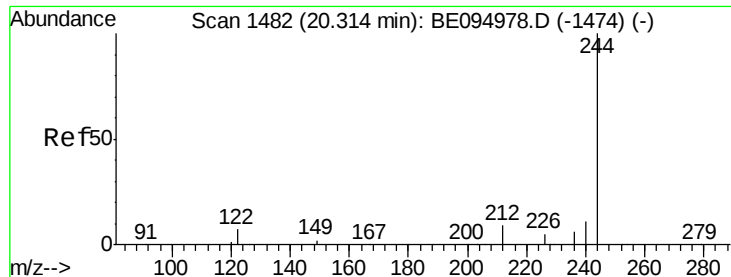


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.373 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

Instrument :

BNA_E

ClientSampleId :

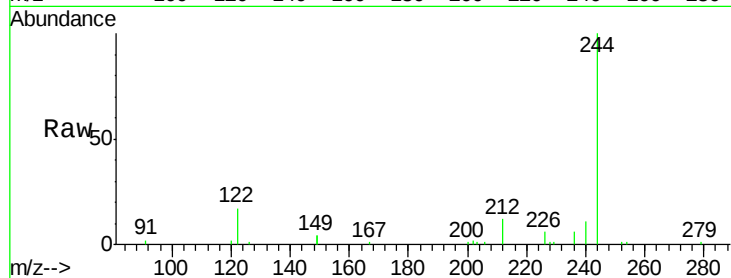
Tot Ion:244 Resp: 12116

Ion Ratio Lower Upper

244 100

212 11.5 25.4 38.0#

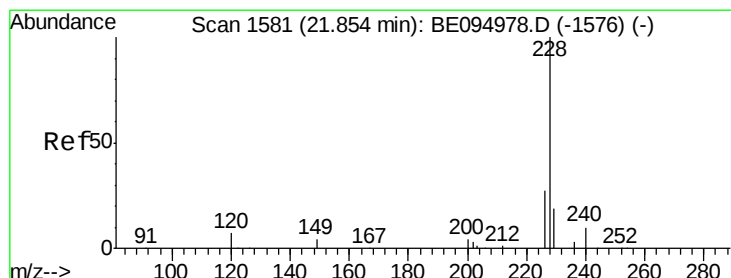
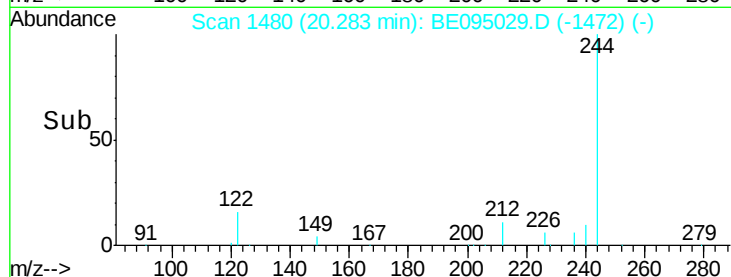
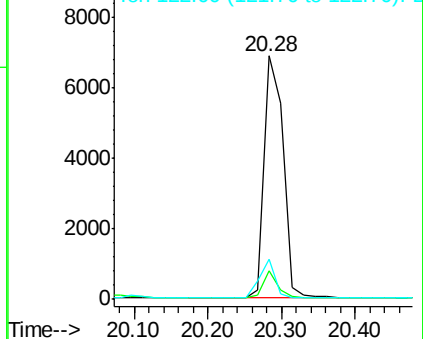
122 16.6 8.1 12.1#



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: 0.309 ng

RT: 21.82 min Scan# 1579

Delta R.T. -0.03 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

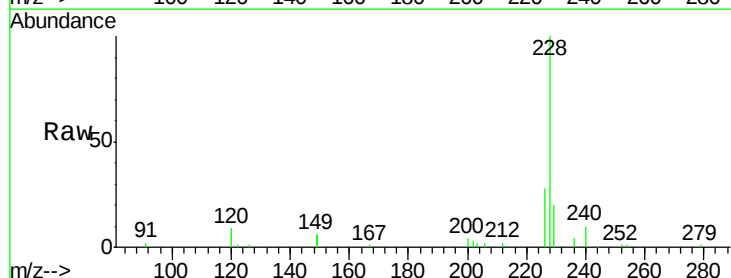
Tgt Ion:228 Resp: 15590

Ion Ratio Lower Upper

228 100

226 28.1 40.0 60.0#

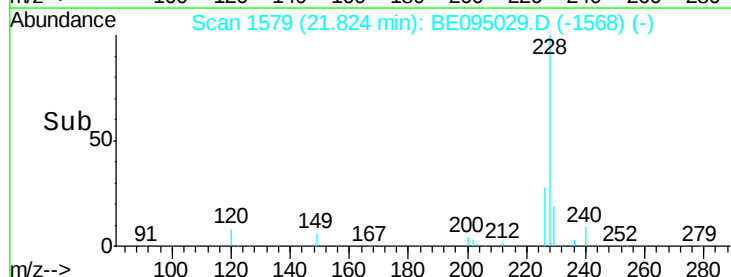
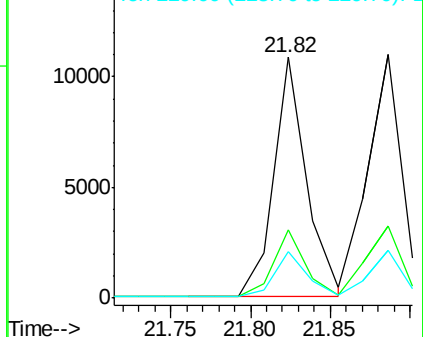
229 19.6 40.0 60.0#

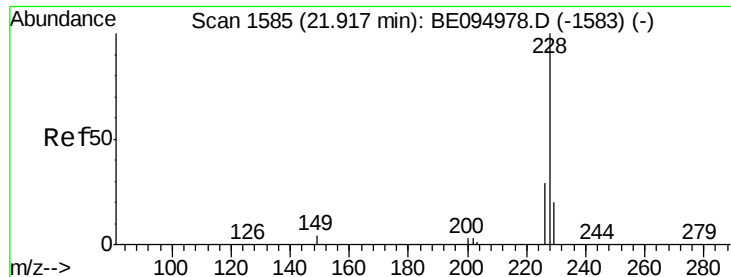


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.316 ng

RT: 21.89 min Scan# 1583

Delta R.T. -0.03 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

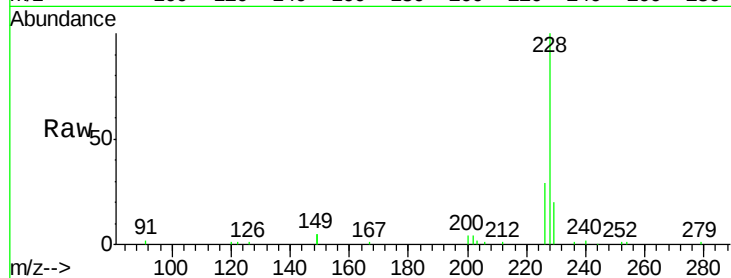
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 17968

Ion	Ratio	Lower	Upper
228	100		
226	29.5	40.0	60.0#
229	19.7	40.0	60.0#

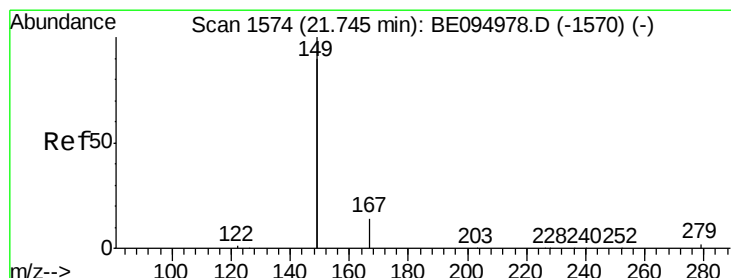
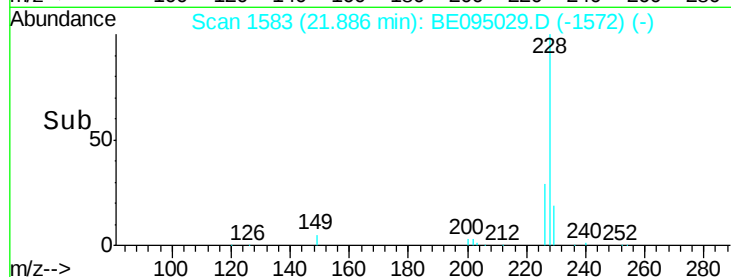
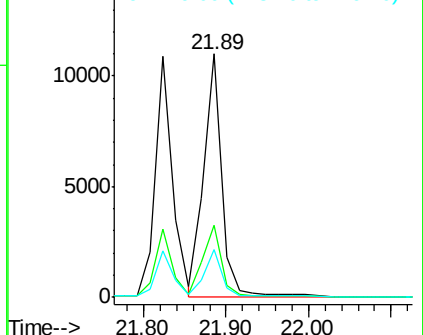


Abundance

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: 0.276 ng

RT: 21.71 min Scan# 1572

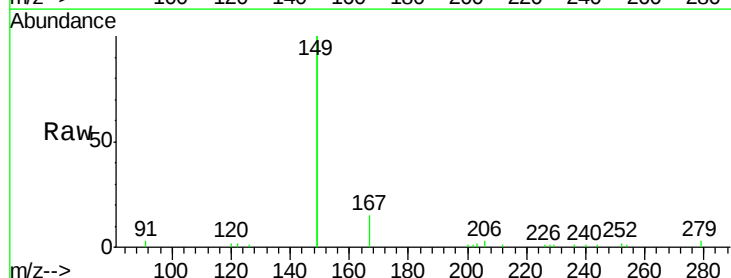
Delta R.T. -0.03 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

Tgt Ion:149 Resp: 17732

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.1	0.7	1.1

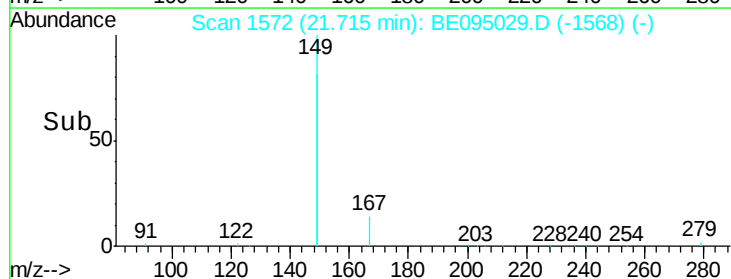
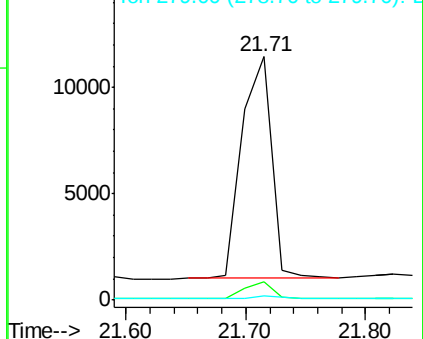


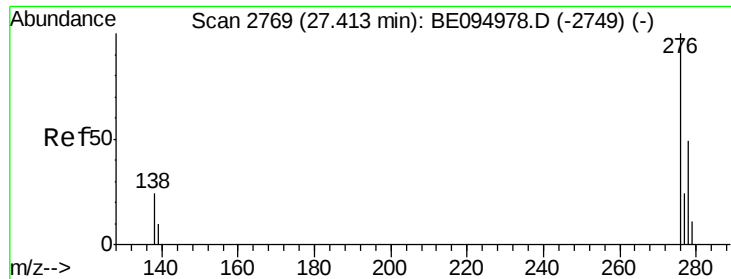
Abundance

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

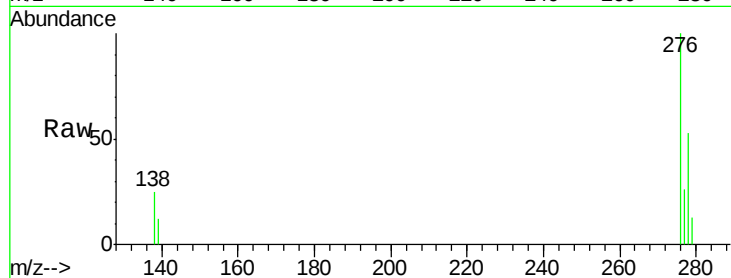




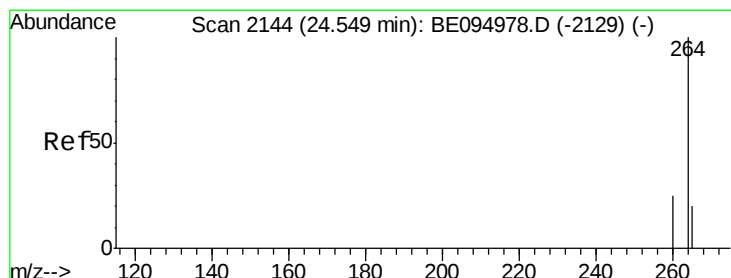
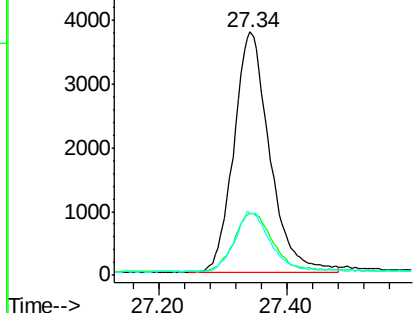
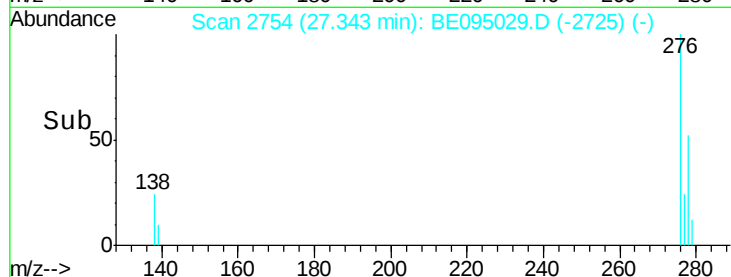
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.316 ng
 RT: 27.34 min Scan# 2754
 Delta R.T. -0.07 min
 Lab File: BE095029.D
 Acq: 19 Dec 2017 13:14

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 14608
 Ion Ratio Lower Upper
 276 100
 138 26.1 22.5 33.7
 277 24.9 19.9 29.9

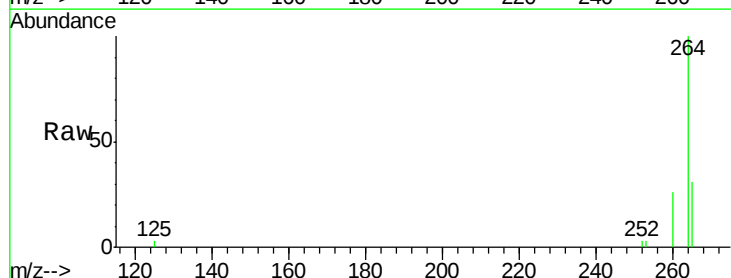


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

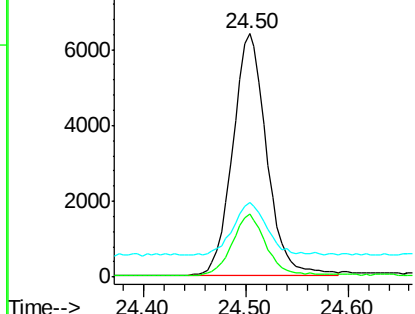
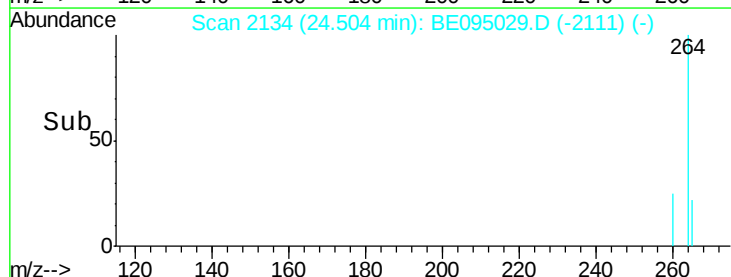


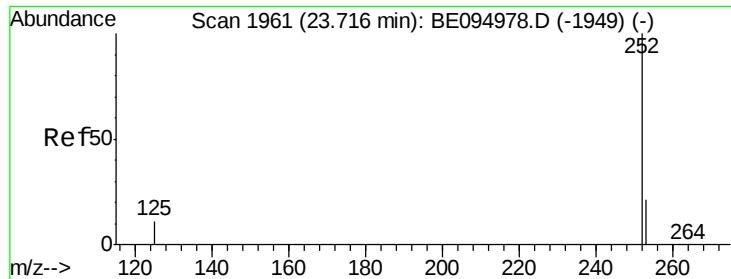
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.50 min Scan# 2134
 Delta R.T. -0.05 min
 Lab File: BE095029.D
 Acq: 19 Dec 2017 13:14

Tgt Ion:264 Resp: 14521
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.5 30.7
 265 30.9 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: 0.287 ng

RT: 23.67 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

Instrument :

BNA_E

ClientSampleId :

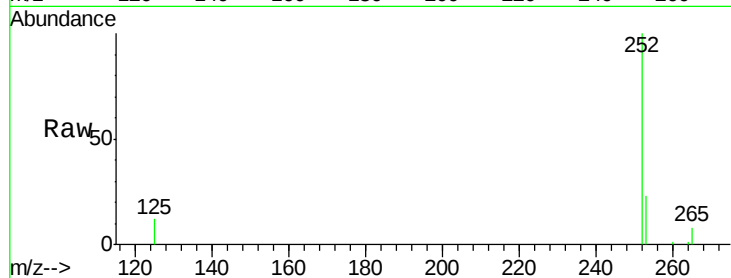
Tot Ion:252 Resp: 15318

Ion Ratio Lower Upper

252 100

253 23.2 20.0 30.0

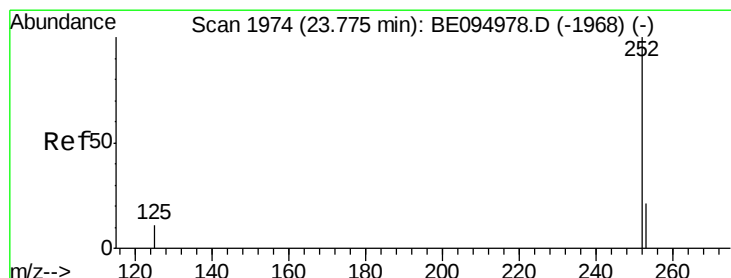
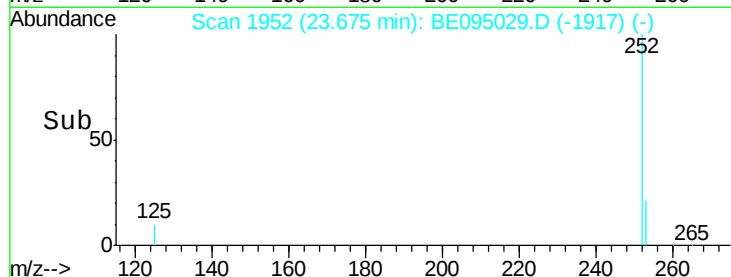
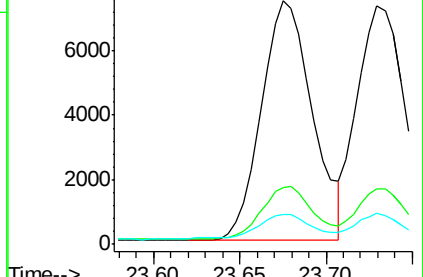
125 12.5 16.0 24.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.267 ng

RT: 23.73 min Scan# 1964

Delta R.T. -0.05 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

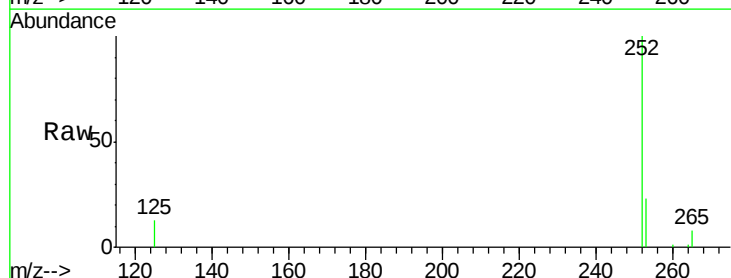
Tgt Ion:252 Resp: 14418

Ion Ratio Lower Upper

252 100

253 23.5 16.0 24.0

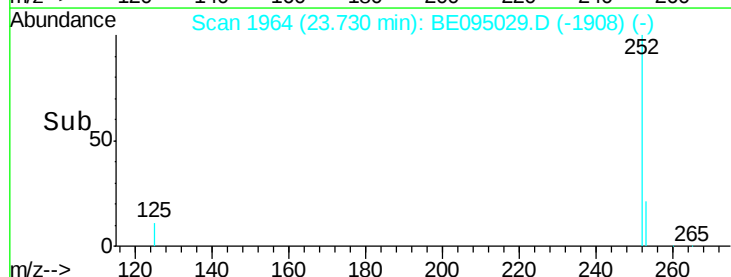
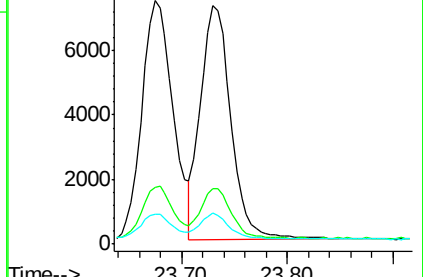
125 12.9 8.0 12.0#

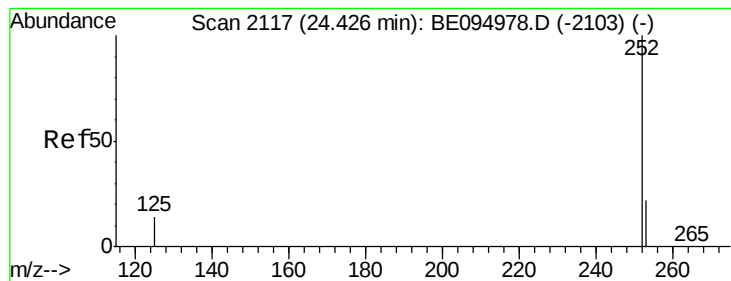


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.286 ng

RT: 24.38 min Scan# 2107

Delta R.T. -0.05 min

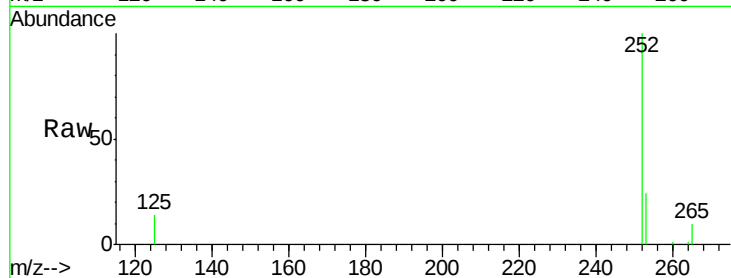
Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

Instrument :

BNA_E

ClientSampleId :



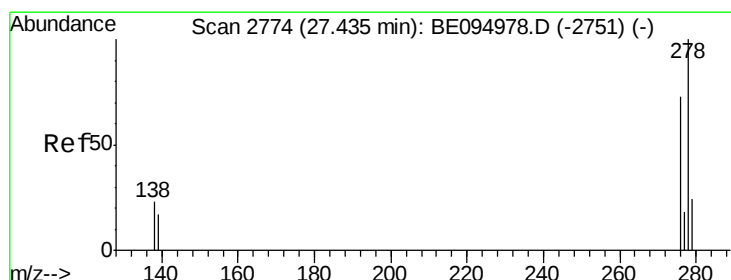
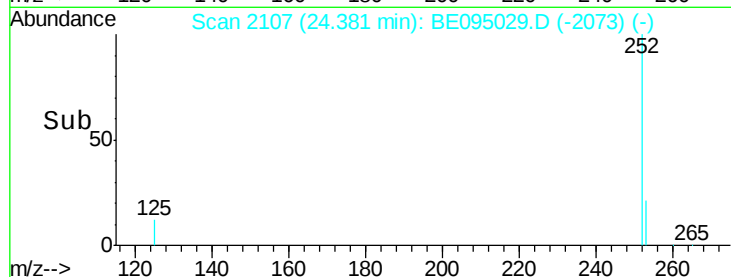
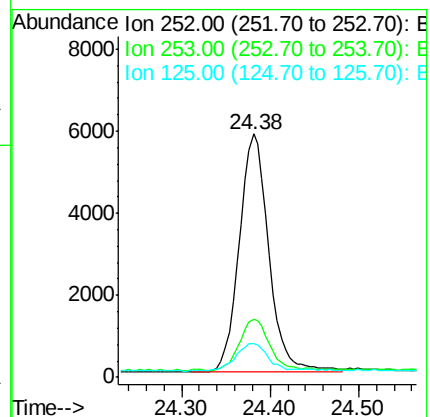
Tot Ion:252 Resp: 13543

Ion Ratio Lower Upper

252 100

253 23.9 16.0 24.0

125 13.9 12.0 18.0



#38

Dibenzo(a,h)anthracene

Concen: 0.268 ng

RT: 27.37 min Scan# 2759

Delta R.T. -0.07 min

Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

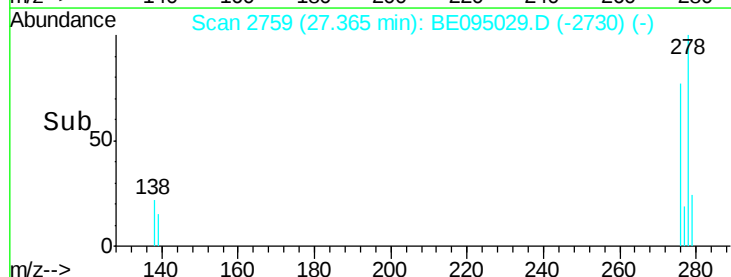
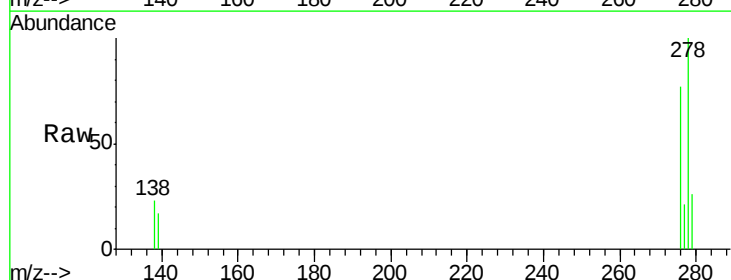
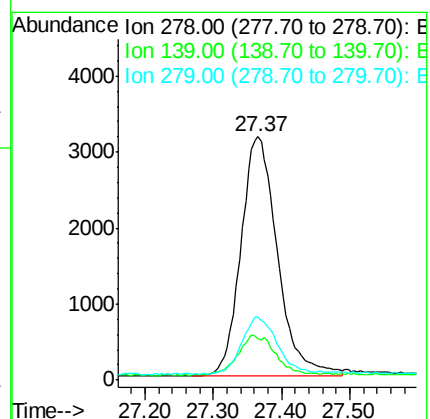
Tgt Ion:278 Resp: 11756

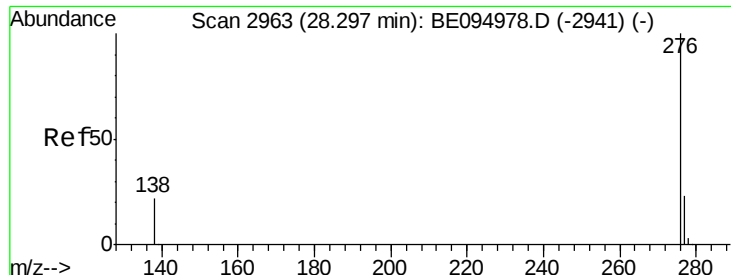
Ion Ratio Lower Upper

278 100

139 17.0 16.0 24.0

279 26.1 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.293 ng

RT: 28.22 min Scan# 2947

Delta R.T. -0.07 min

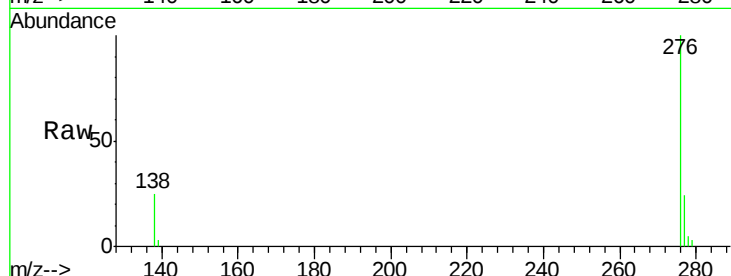
Lab File: BE095029.D

Acq: 19 Dec 2017 13:14

Instrument :

BNA_E

ClientSampleId :



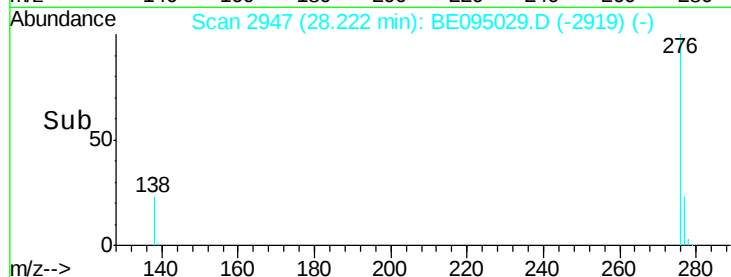
Tot Ion:276 Resp: 12785

Ion Ratio Lower Upper

276 100

277 24.2 16.0 24.0#

138 24.9 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

