

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121917\
 Data File : BE095028.D
 Acq On : 19 Dec 2017 11:16
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 20 00:46:34 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	6043	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	14528	0.40	ng	-0.02
13) Acenaphthene-d10	15.05	164	8226	0.40	ng	-0.01
19) Phenanthrene-d10	17.74	188	19254	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	20735	0.40	ng	-0.03
34) Perylene-d12	24.50	264	18039	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	4078	0.43	ng	0.00
5) Phenol-d6	7.58	99	6127	0.44	ng	0.00
8) Nitrobenzene-d5	9.65	82	4999	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	9337	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	952	0.50	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	14332	0.39	ng	-0.01
25) Fluoranthene-d10	19.73	212	98569	0.39	ng	-0.02
29) Terphenyl-d14	20.30	244	15907	0.41	ng	-0.02

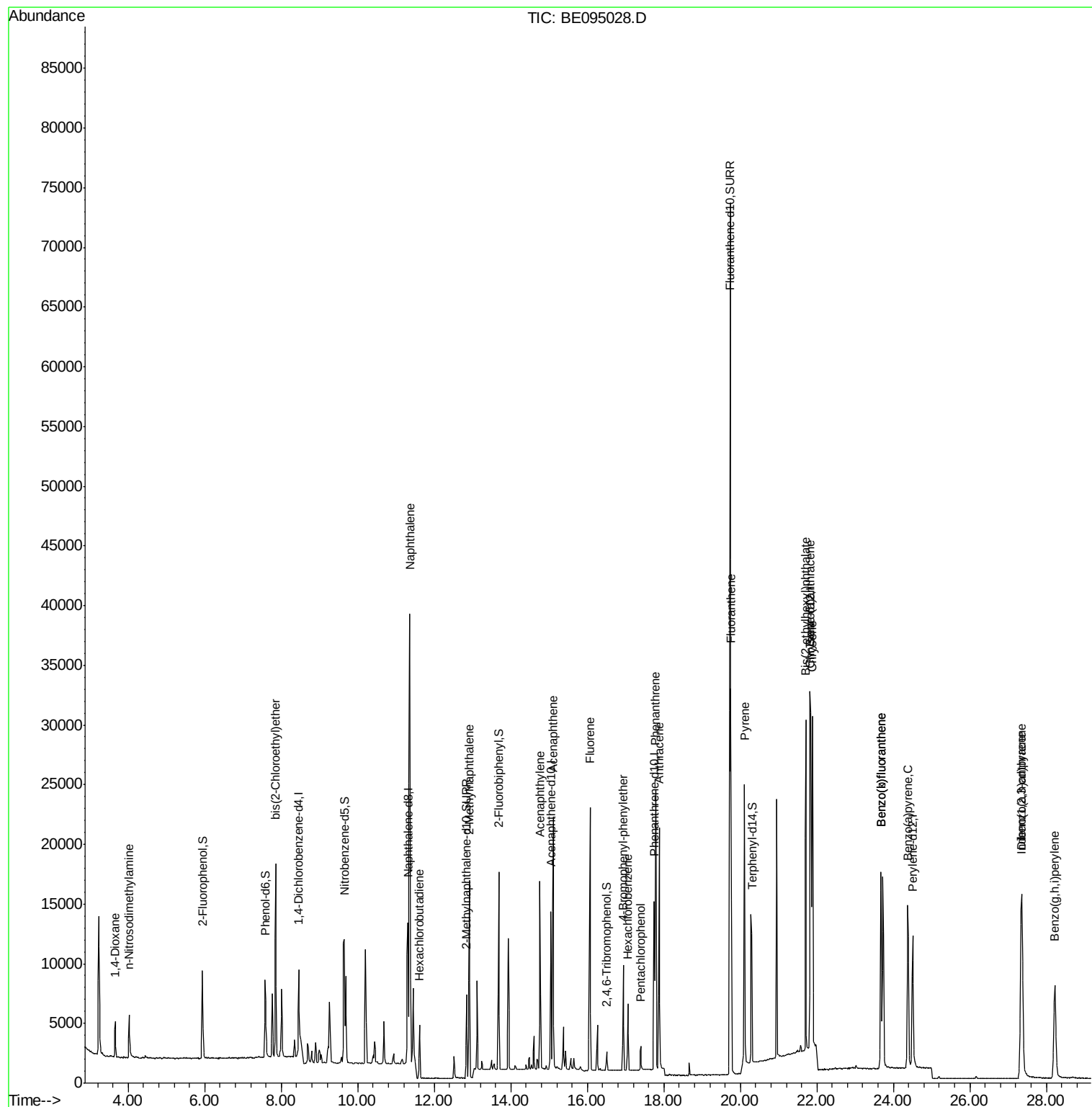
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	2108	0.354	ng	# 89
3) n-Nitrosodimethylamine	4.02	42	2861	0.407	ng	94
6) bis(2-Chloroethyl)ether	7.86	93	5490	0.404	ng	96
9) Naphthalene	11.36	128	65447	0.384	ng	99
10) Hexachlorobutadiene	11.62	225	2993	0.386	ng	97
12) 2-Methylnaphthalene	12.91	142	15057	0.354	ng	99
16) Acenaphthylene	14.76	152	17142	0.390	ng	100
17) Acenaphthene	15.11	154	11336	0.389	ng	95
18) Fluorene	16.07	166	14199	0.392	ng	# 79
20) 4-Bromophenyl-phenylether	16.94	248	4431	0.393	ng	# 83
21) Hexachlorobenzene	17.06	284	4456	0.387	ng	# 81
22) Pentachlorophenol	17.40	266	1295	0.533	ng	# 73
23) Phenanthrene	17.79	178	23441	0.391	ng	98
24) Anthracene	17.88	178	23654	0.384	ng	# 93
26) Fluoranthene	19.76	202	29170	0.394	ng	99
28) Pyrene	20.11	202	33727	0.480	ng	98
30) Benzo(a)anthracene	21.82	228	25700	0.424	ng	# 62
31) Chrysene	21.89	228	28755	0.422	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.71	149	41262	0.534	ng	100
33) Indeno(1,2,3-cd)pyrene	27.34	276	25324	0.456	ng	97
35) Benzo(b)fluoranthene	23.68	252	24898	0.376	ng	# 90
36) Benzo(k)fluoranthene	23.68	252	24898	0.371	ng	94
37) Benzo(a)pyrene	24.38	252	22883	0.389	ng	96
38) Dibenzo(a,h)anthracene	27.37	278	20676	0.379	ng	98
39) Benzo(g,h,i)perylene	28.22	276	20918	0.385	ng	# 93

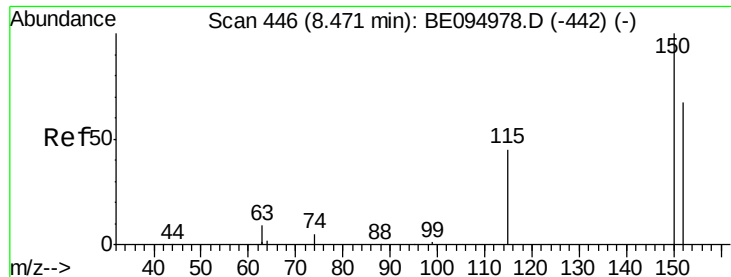
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121917\
Data File : BE095028.D
Acq On : 19 Dec 2017 11:16
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 20 00:46:34 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



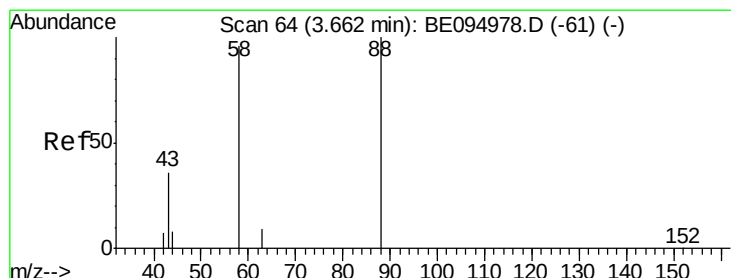
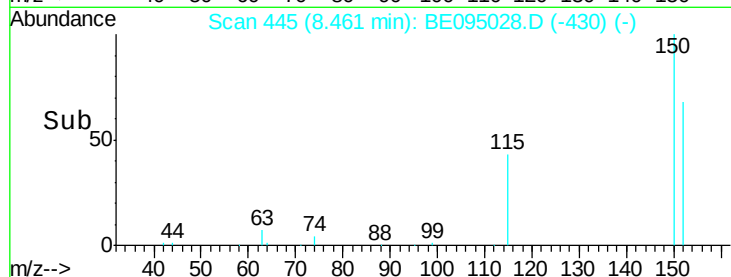
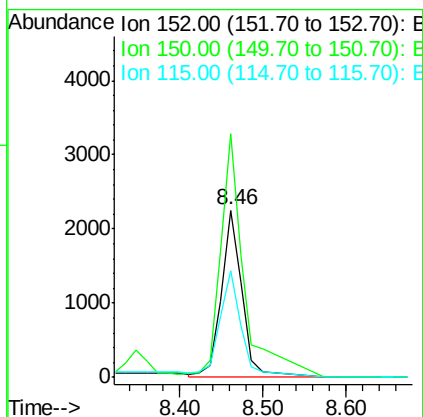
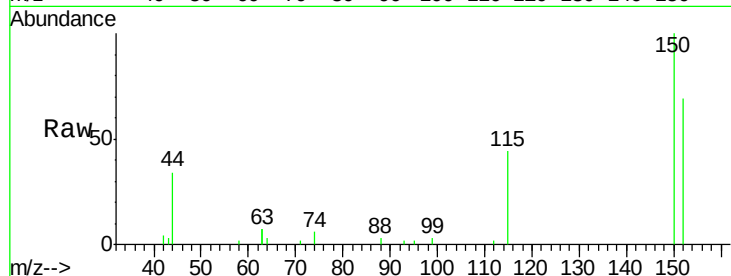


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095028.D
Acq: 19 Dec 2017 11:16

Instrument :
BNA_E
ClientSampleId :

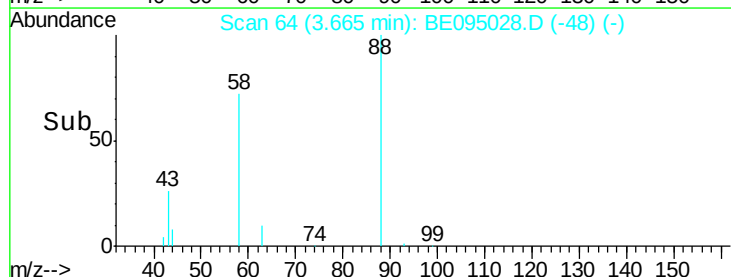
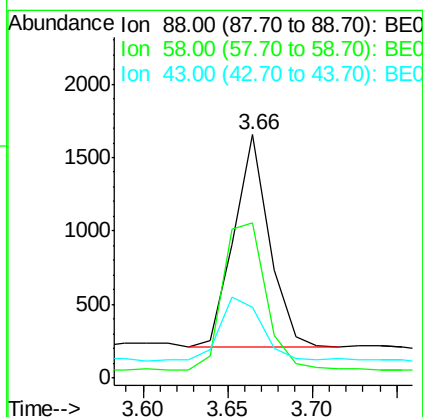
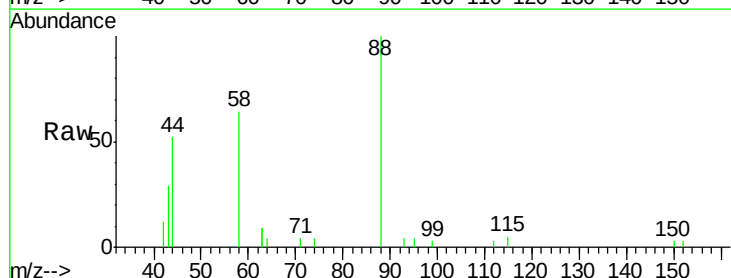
Tot Ion:152 Resp: 6043
Ion Ratio Lower Upper
152 100
150 145.8 117.2 175.8
115 64.0 57.0 85.6

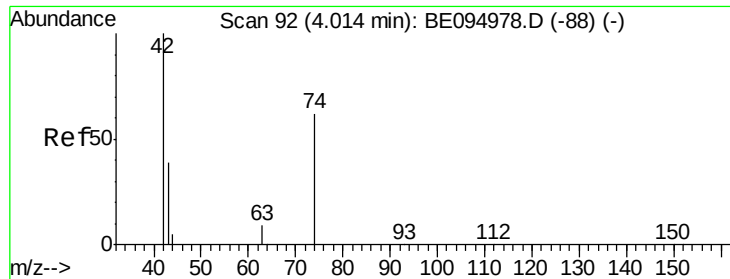


#2

1,4-Dioxane
Concen: 0.354 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE095028.D
Acq: 19 Dec 2017 11:16

Tgt Ion: 88 Resp: 2108
Ion Ratio Lower Upper
88 100
58 85.3 63.2 94.8
43 38.9 41.2 61.8#

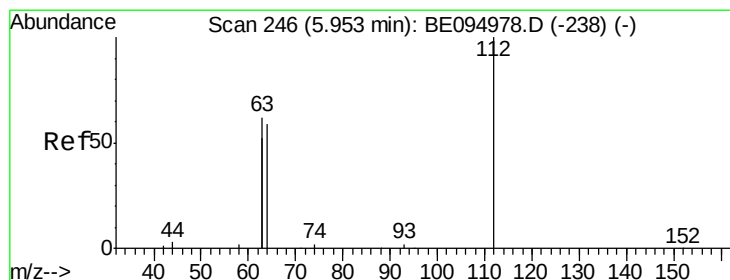
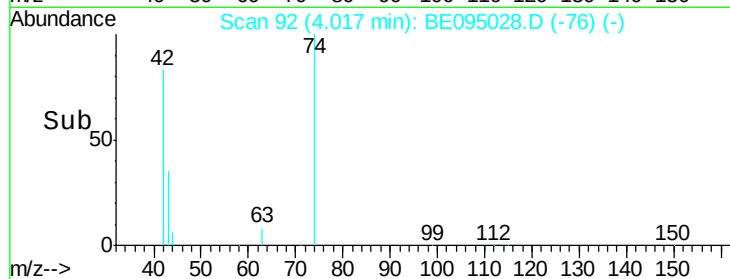
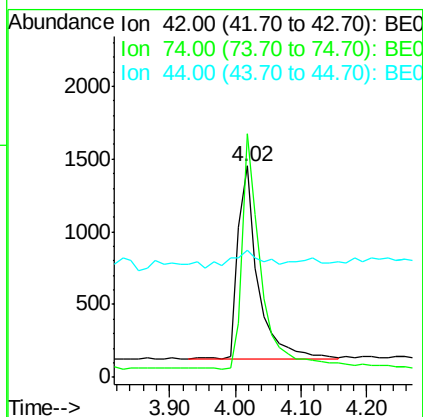
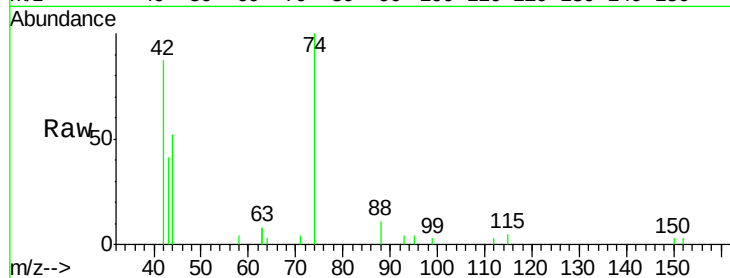




#3
n-Nitrosodimethylamine
Concen: 0.407 ng
RT: 4.02 min Scan# 92
Delta R.T. 0.00 min
Lab File: BE095028.D
Acq: 19 Dec 2017 11:16

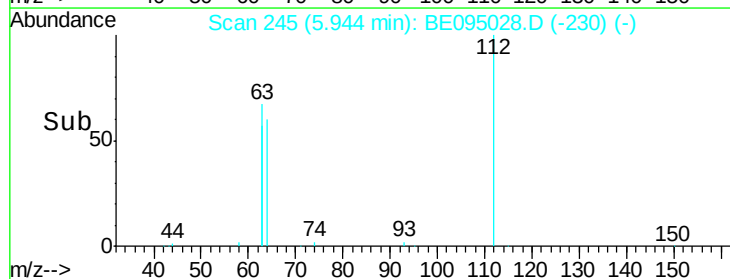
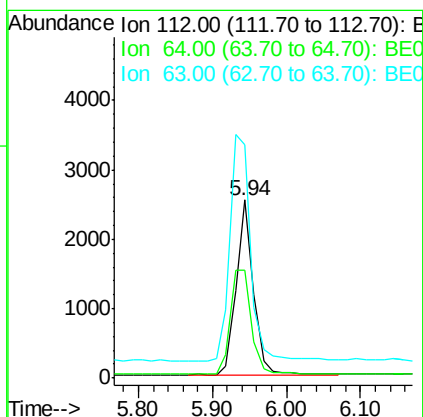
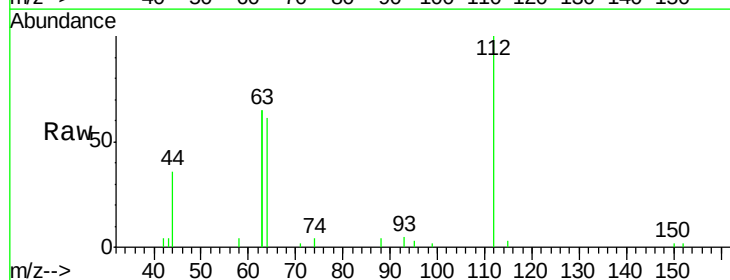
Instrument :
BNA_E
ClientSampled :

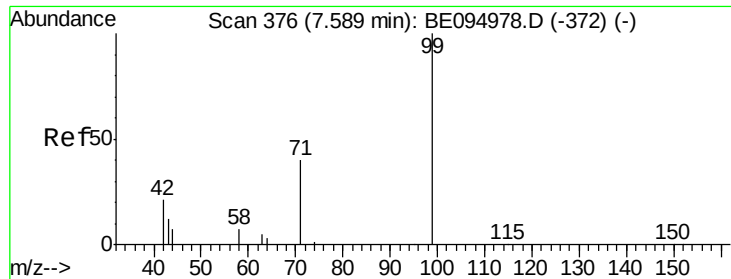
Tot Ion: 42 Resp: 2861
Ion Ratio Lower Upper
42 100
74 112.6 96.0 144.0
44 13.9 12.0 18.0



#4
2-Fluorophenol
Concen: 0.435 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.01 min
Lab File: BE095028.D
Acq: 19 Dec 2017 11:16

Tgt Ion: 112 Resp: 4078
Ion Ratio Lower Upper
112 100
64 73.0 60.1 90.1
63 157.0 116.8 175.2





#5

Phenol-d6

Concen: 0.439 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

Instrument :

BNA_E

ClientSampleId :

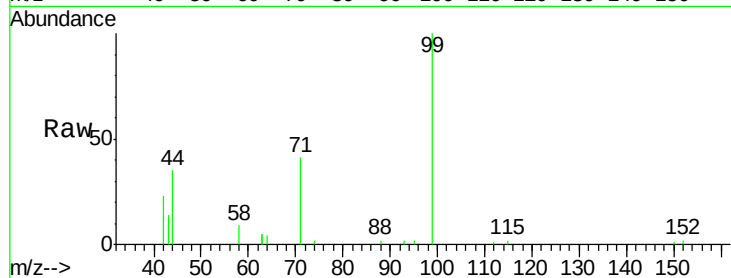
Tot Ion: 99 Resp: 6127

Ion Ratio Lower Upper

99 100

42 24.3 20.2 30.2

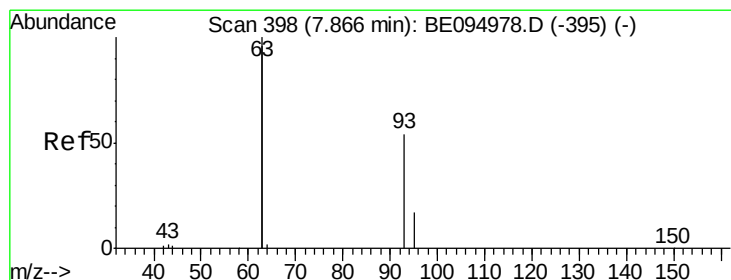
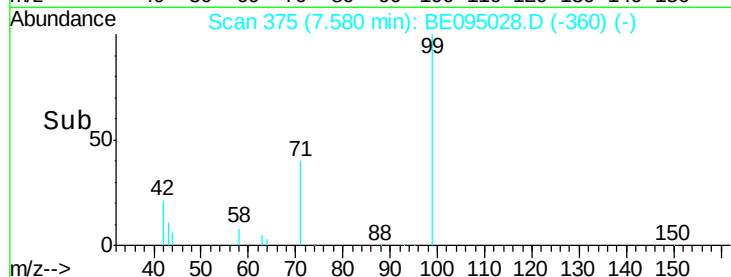
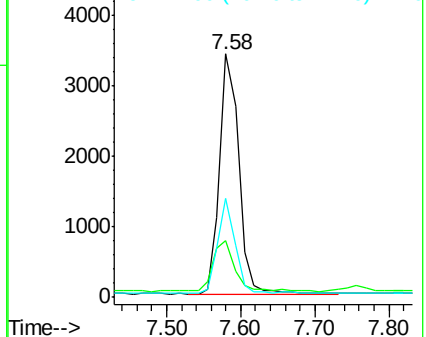
71 36.6 28.4 42.6



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: 0.404 ng

RT: 7.86 min Scan# 397

Delta R.T. -0.01 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

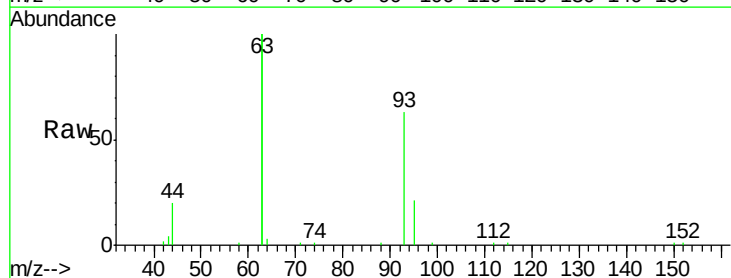
Tgt Ion: 93 Resp: 5490

Ion Ratio Lower Upper

93 100

63 334.4 275.3 412.9

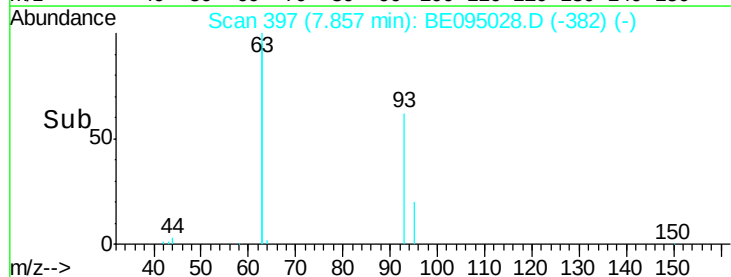
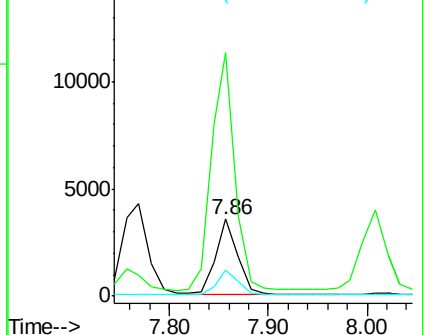
95 31.7 25.2 37.8

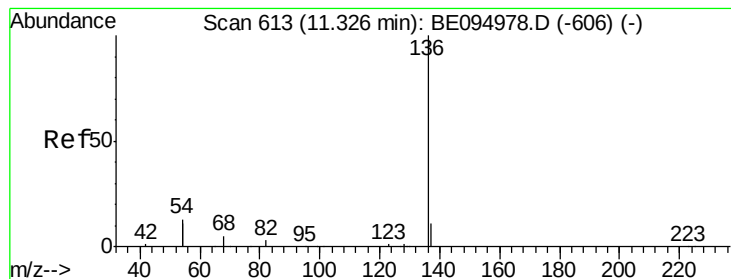


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE095028.D

Acq: 19 Dec 2017 11:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 14528

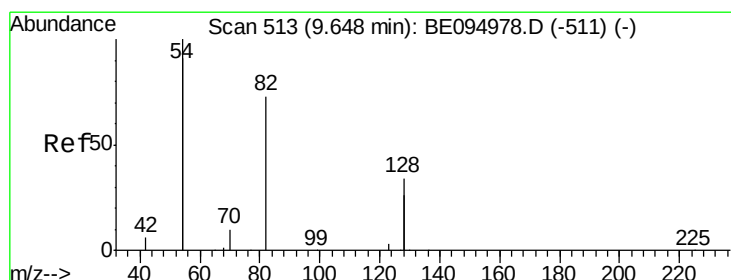
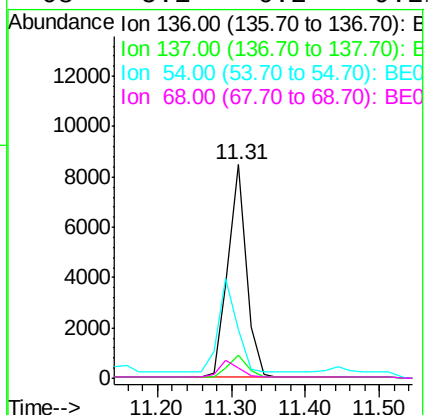
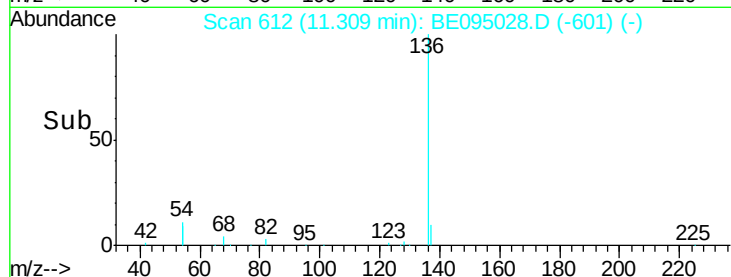
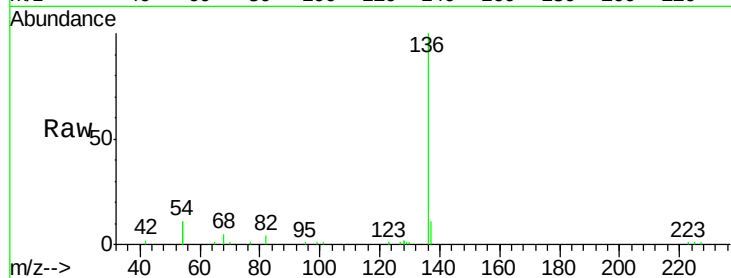
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 22.6 29.1 43.7#

68 5.1 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.419 ng

RT: 9.65 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

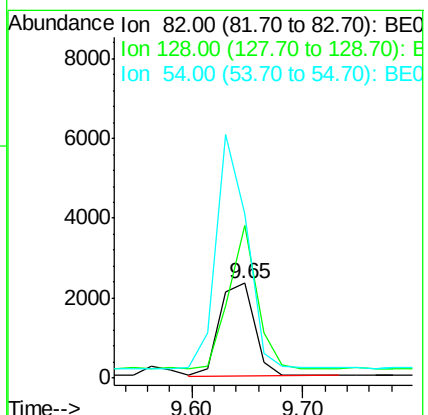
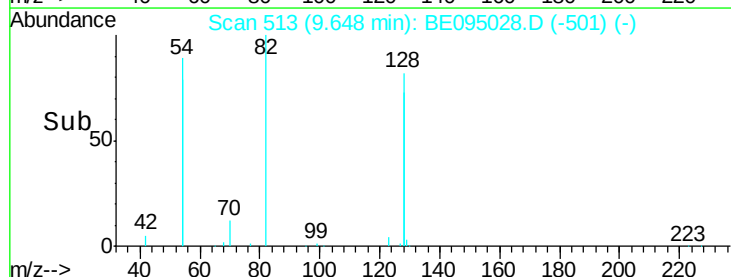
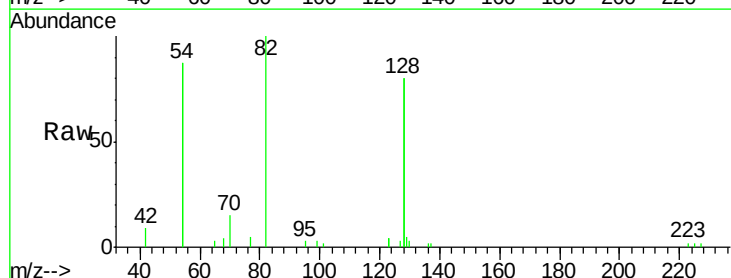
Tgt Ion: 82 Resp: 4999

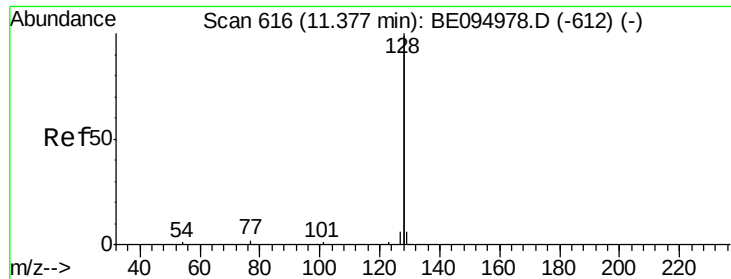
Ion Ratio Lower Upper

82 100

128 160.7 150.0 225.0

54 173.3 154.2 231.4





#9

Naphthalene

Concen: 0.384 ng

RT: 11.36 min Scan# 615

Delta R.T. -0.02 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

Instrument :

BNA_E

ClientSampleId :

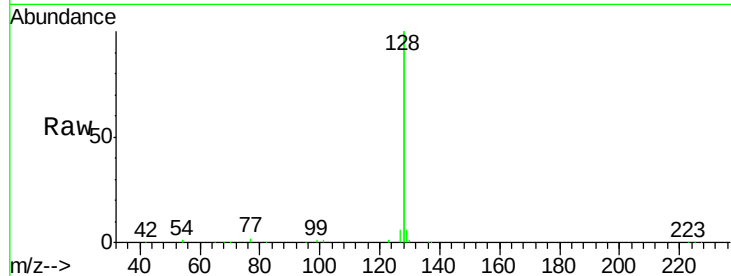
Tot Ion:128 Resp: 65447

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

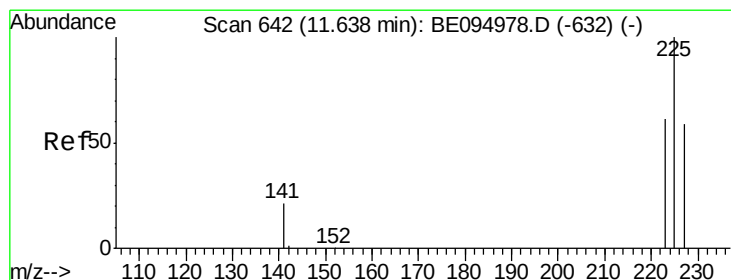
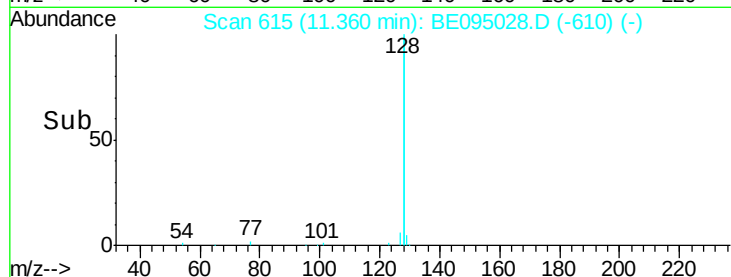
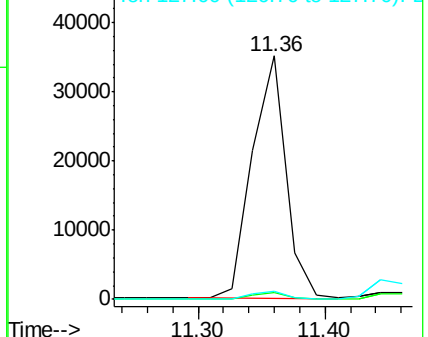
127 3.2 2.8 4.2



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: 0.386 ng

RT: 11.62 min Scan# 639

Delta R.T. -0.02 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

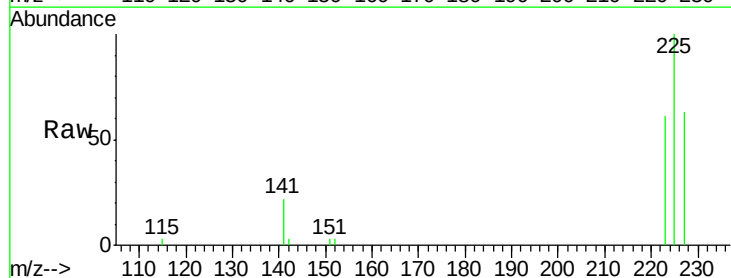
Tgt Ion:225 Resp: 2993

Ion Ratio Lower Upper

225 100

223 63.4 53.0 79.6

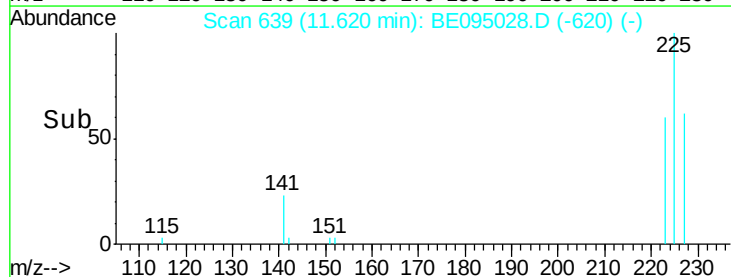
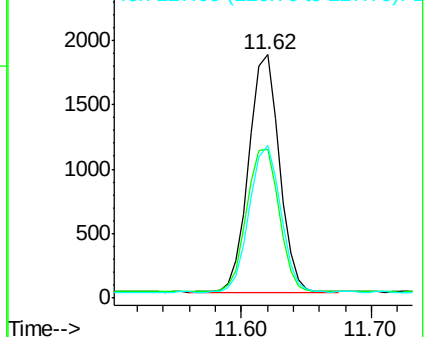
227 63.0 51.4 77.2

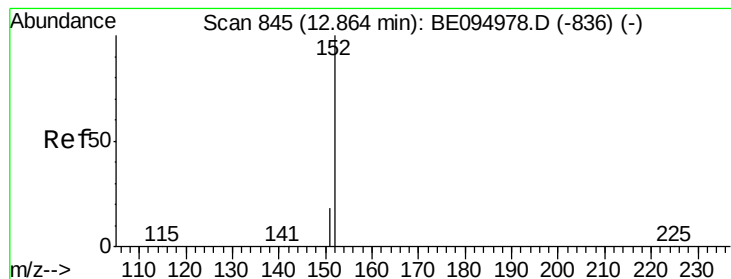


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

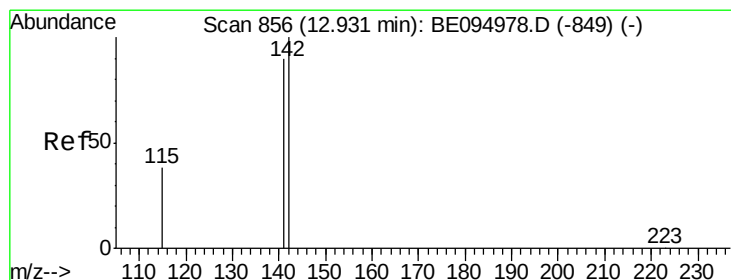
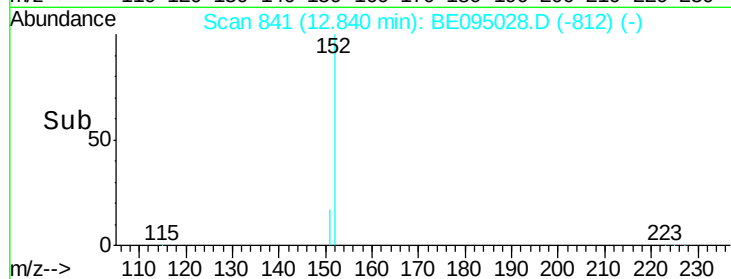
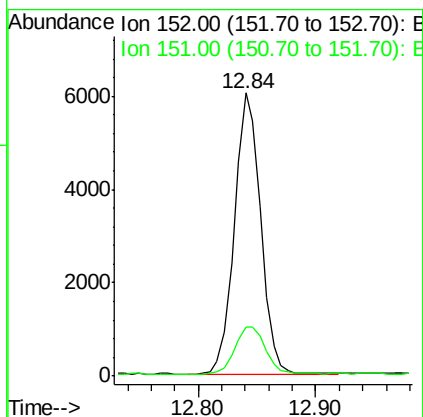
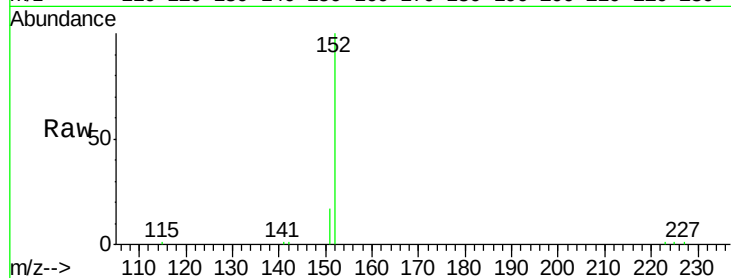




#11
 2-Methylnaphthalene-d10
 Concen: 0.392 ng
 RT: 12.84 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BE095028.D
 Acq: 19 Dec 2017 11:16

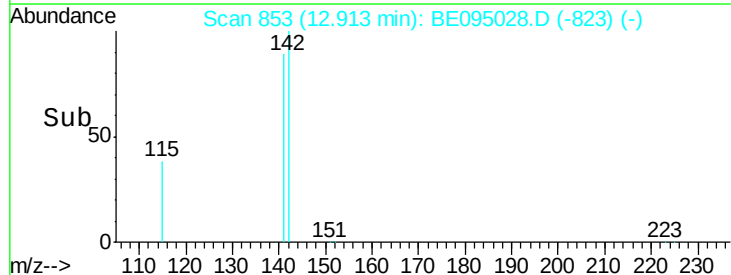
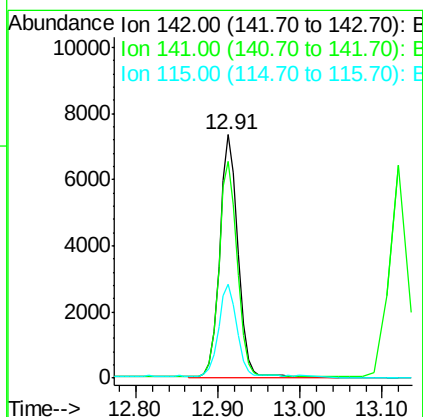
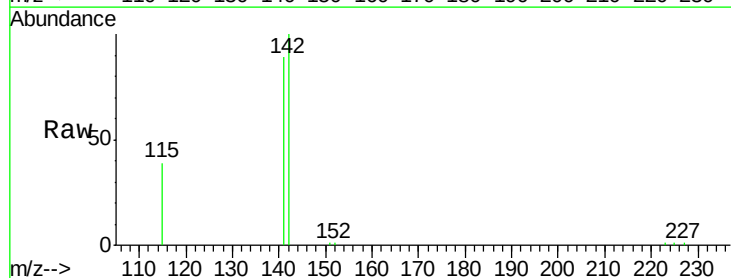
Instrument :
 BNA_E
 ClientSampleId :

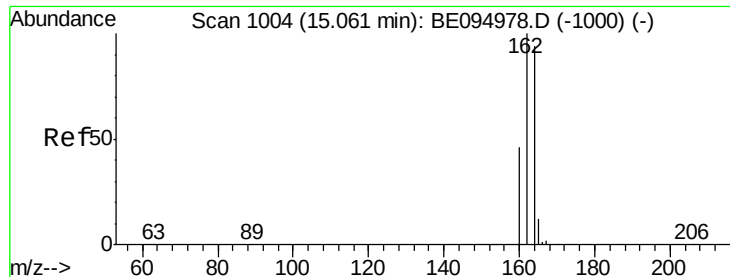
Tot Ion:152 Resp: 9337
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.354 ng
 RT: 12.91 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BE095028.D
 Acq: 19 Dec 2017 11:16

Tgt Ion:142 Resp: 15057
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.4 105.6
 115 38.5 31.7 47.5

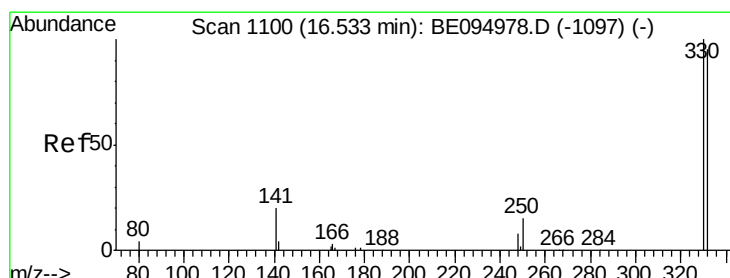
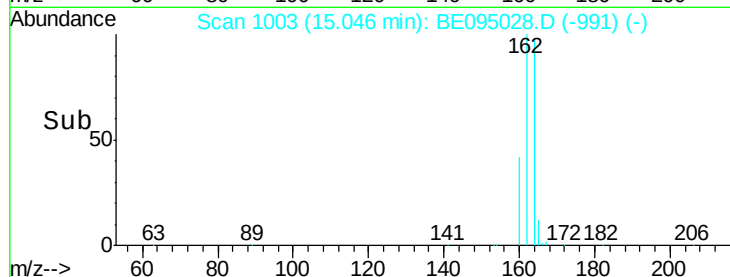
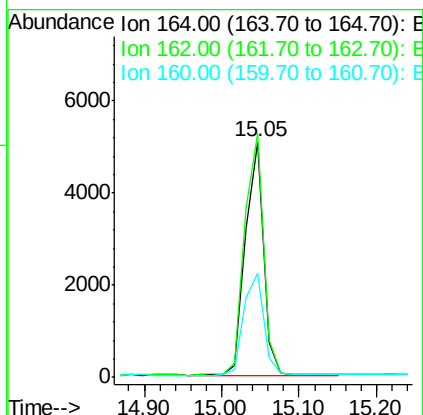
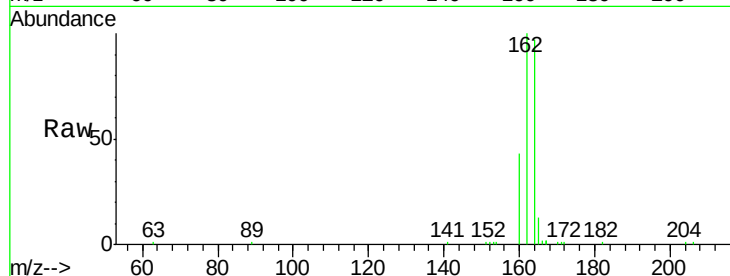




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.05 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BE095028.D
Acq: 19 Dec 2017 11:16

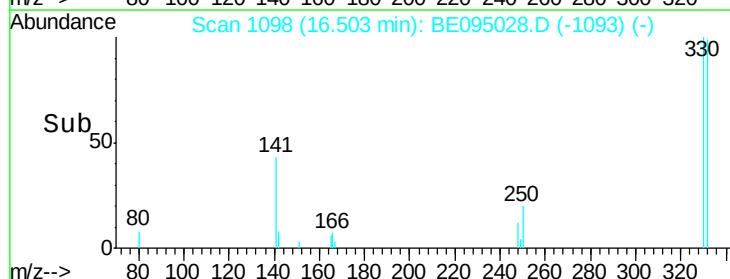
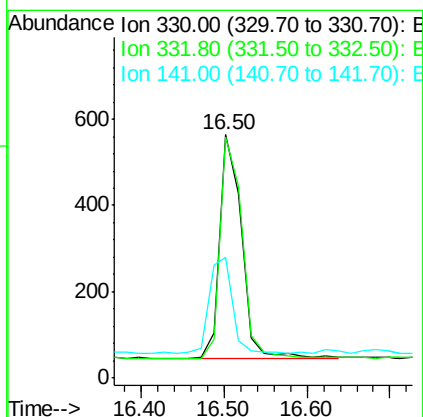
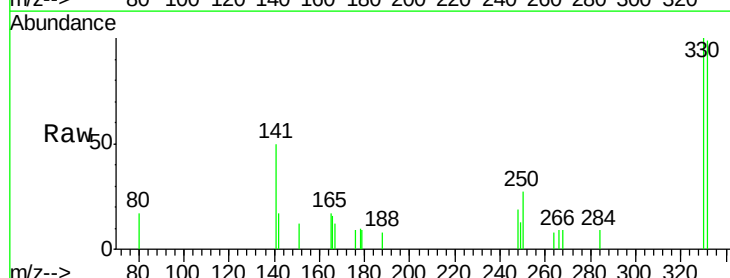
Instrument :
BNA_E
ClientSampleId :

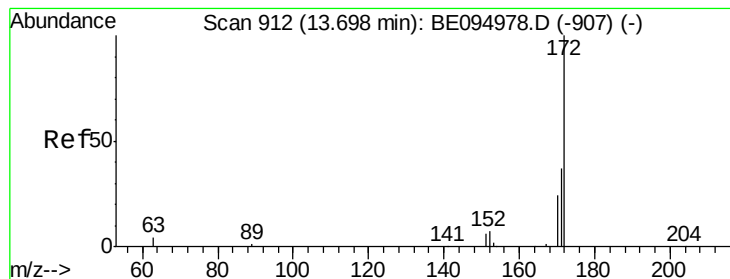
Tot Ion:164 Resp: 8226
Ion Ratio Lower Upper
164 100
162 103.5 83.1 124.7
160 44.4 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.498 ng
RT: 16.50 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BE095028.D
Acq: 19 Dec 2017 11:16

Tgt Ion:330 Resp: 952
Ion Ratio Lower Upper
330 100
332 98.6 152.7 229.1#
141 46.6 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.393 ng

RT: 13.68 min Scan# 911

Delta R.T. -0.01 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

Instrument :

BNA_E

ClientSampleId :

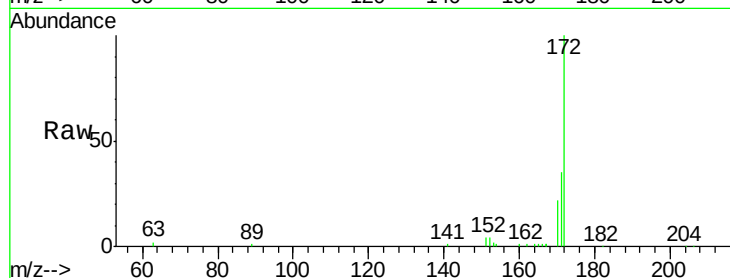
Tot Ion:172 Resp: 14332

Ion Ratio Lower Upper

172 100

171 34.6 29.9 44.9

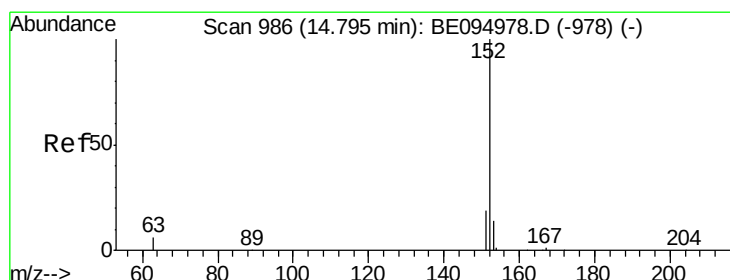
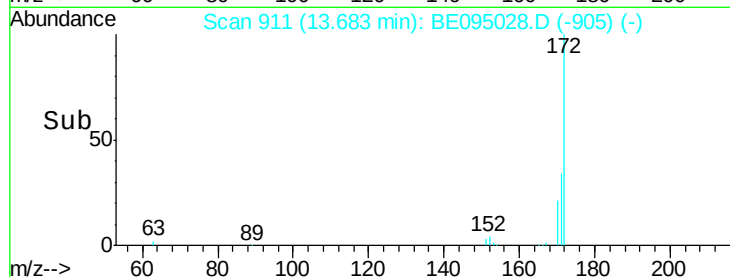
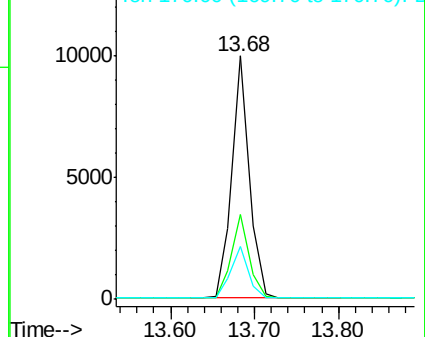
170 21.8 21.8 32.8#



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.390 ng

RT: 14.76 min Scan# 984

Delta R.T. -0.03 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

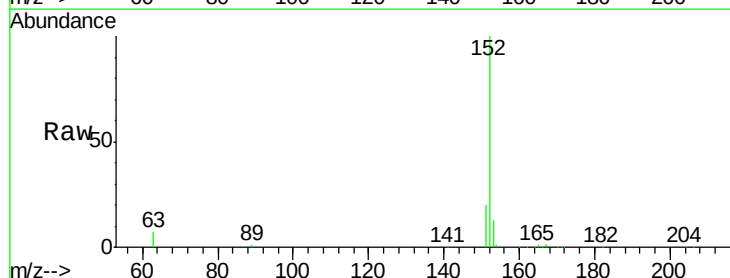
Tgt Ion:152 Resp: 17142

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

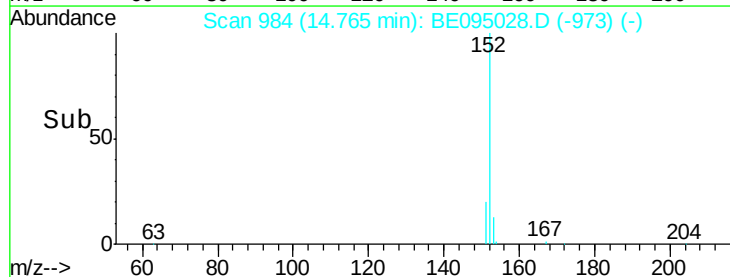
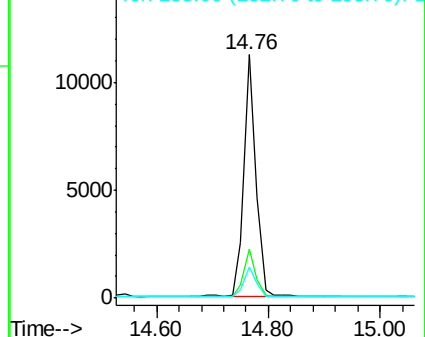
153 12.9 10.5 15.7

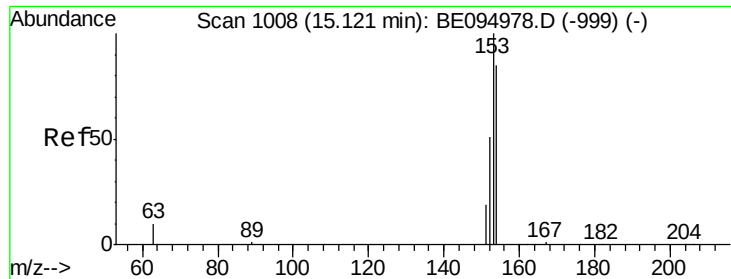


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.389 ng

RT: 15.11 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

Instrument :

BNA_E

ClientSampleId :

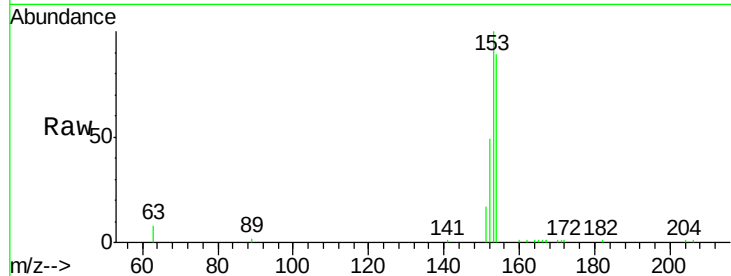
Tot Ion:154 Resp: 11336

Ion Ratio Lower Upper

154 100

153 115.4 89.2 133.8

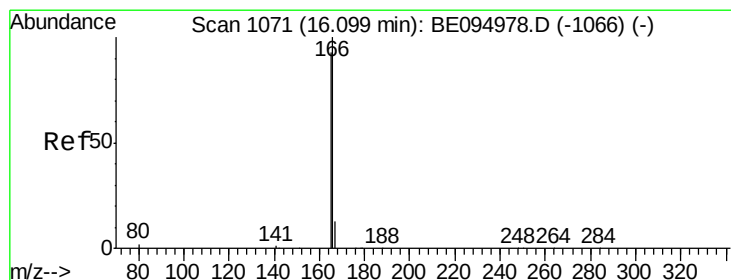
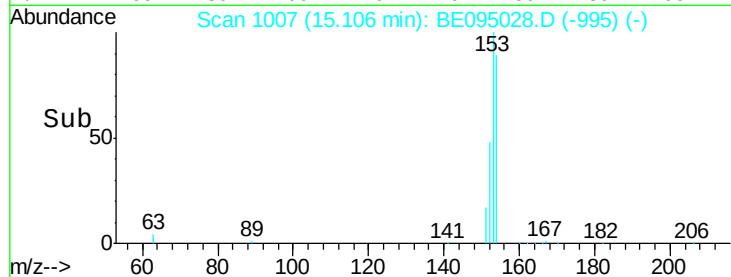
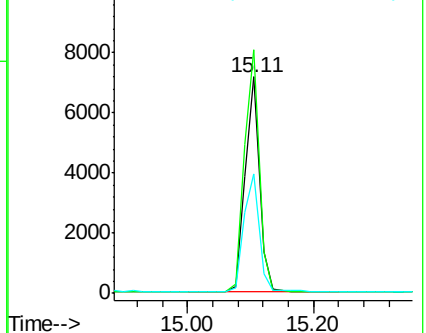
152 57.9 42.0 63.0



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: 0.392 ng

RT: 16.07 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

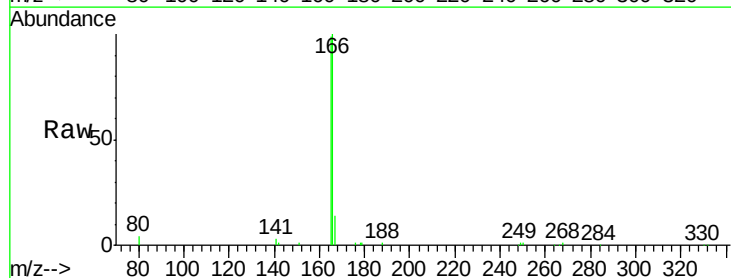
Tgt Ion:166 Resp: 14199

Ion Ratio Lower Upper

166 100

165 99.8 77.8 116.6

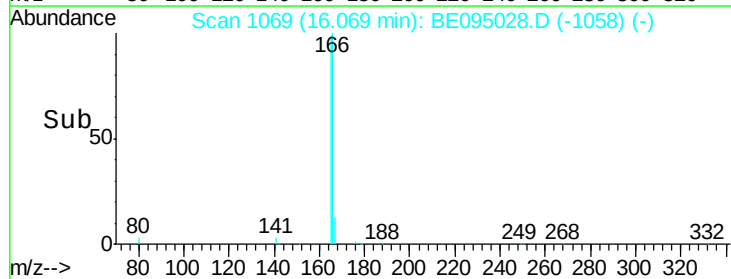
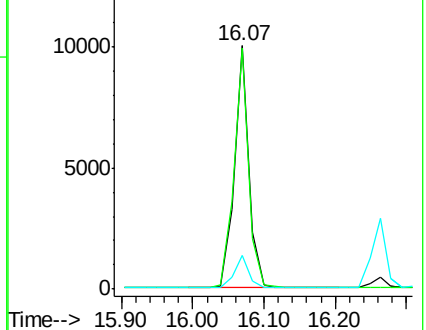
167 13.6 42.4 63.6#

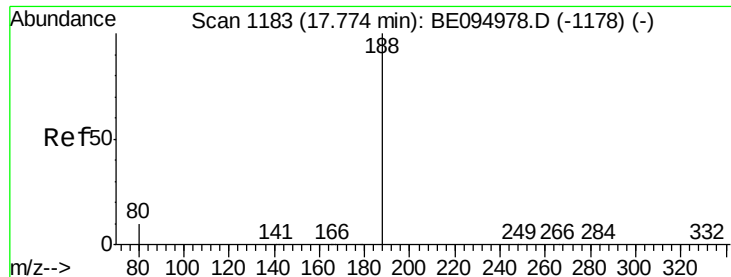


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE095028.D

Acq: 19 Dec 2017 11:16

Instrument :

BNA_E

ClientSampleId :

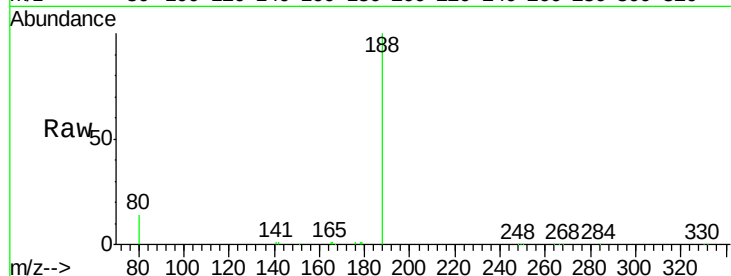
Tot Ion:188 Resp: 19254

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

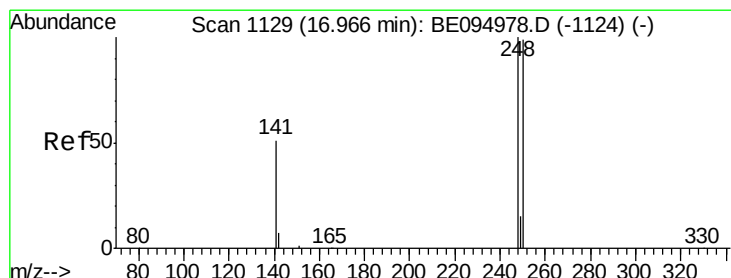
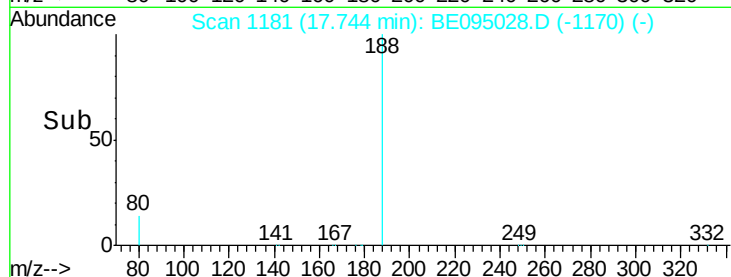
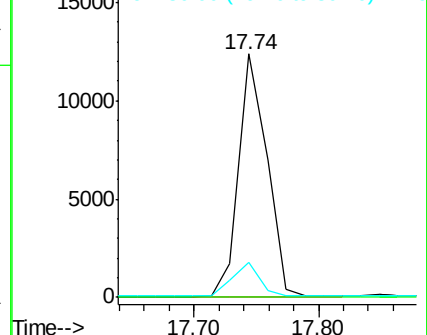
80 14.3 3.6 5.4#



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: 0.393 ng

RT: 16.94 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

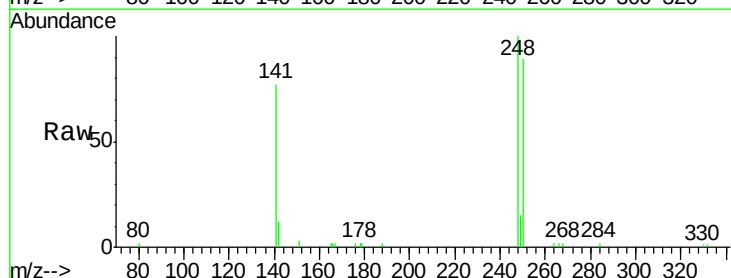
Tgt Ion:248 Resp: 4431

Ion Ratio Lower Upper

248 100

250 89.3 62.7 94.1

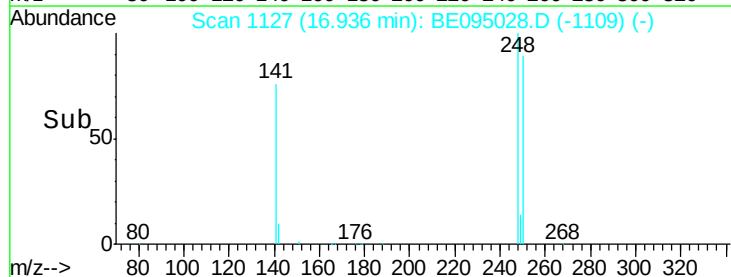
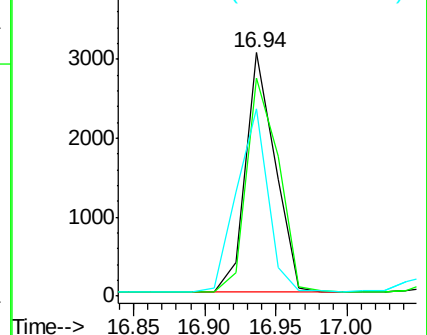
141 77.1 48.2 72.2#

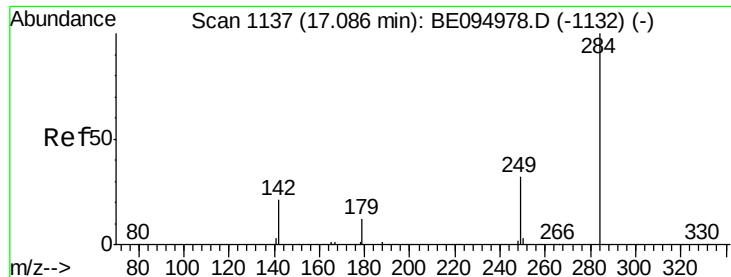


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.387 ng

RT: 17.06 min Scan# 1135

Delta R.T. -0.03 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

Instrument :

BNA_E

ClientSampleId :

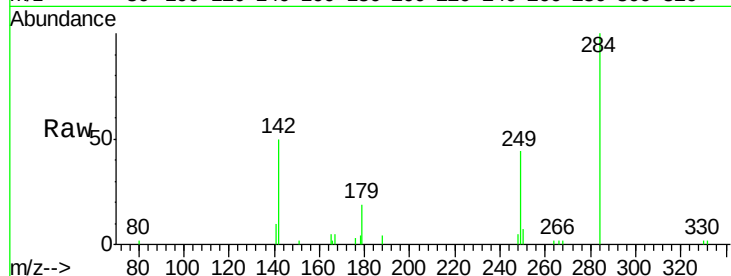
Tot Ion:284 Resp: 4456

Ion Ratio Lower Upper

284 100

142 40.6 22.1 33.1#

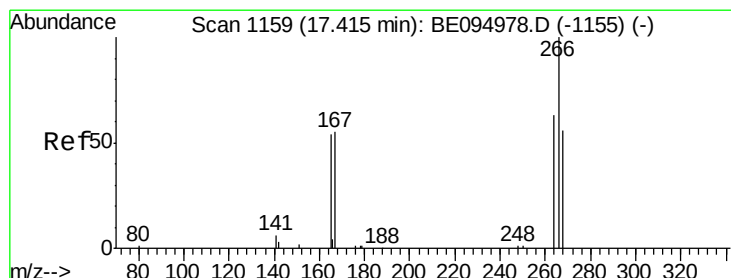
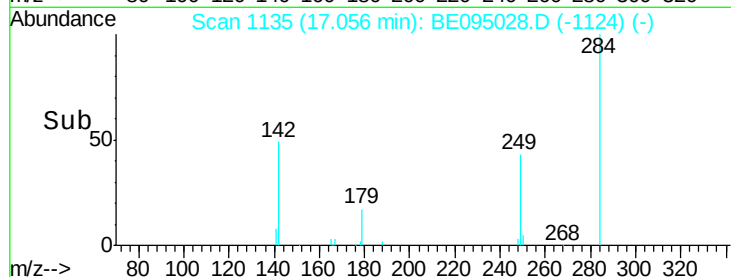
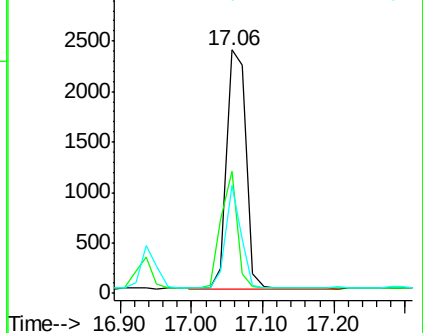
249 34.2 34.8 52.2#



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: 0.533 ng

RT: 17.40 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

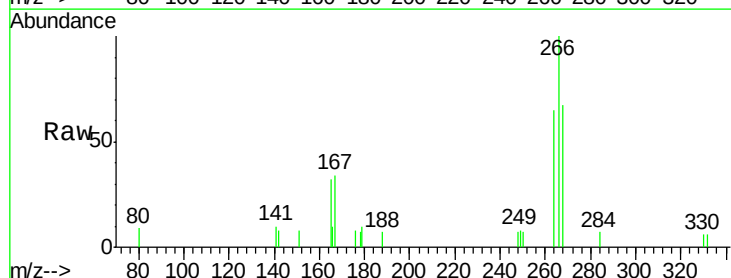
Tgt Ion:266 Resp: 1295

Ion Ratio Lower Upper

266 100

264 64.5 72.5 108.7#

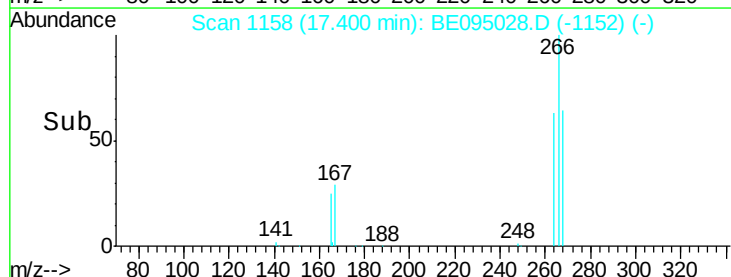
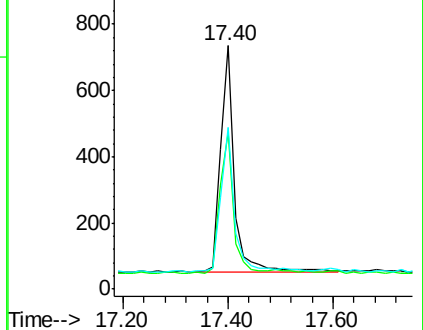
268 66.6 73.8 110.6#

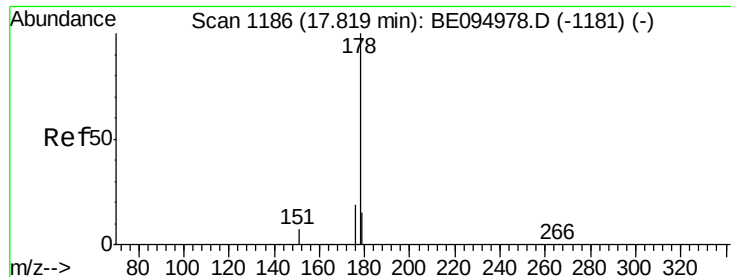


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.391 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

Instrument :

BNA_E

ClientSampleId :

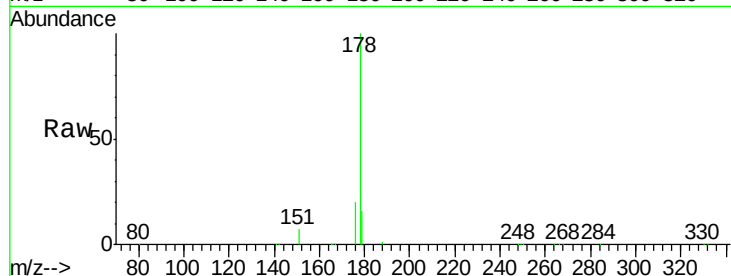
Tot Ion:178 Resp: 23441

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

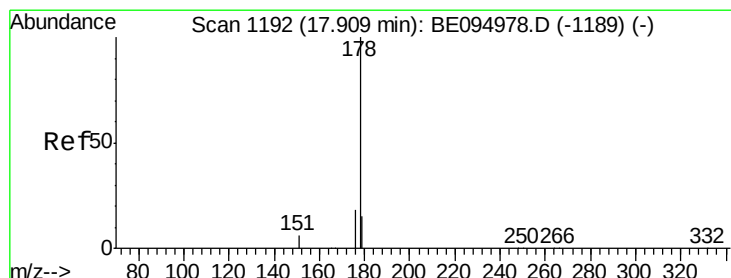
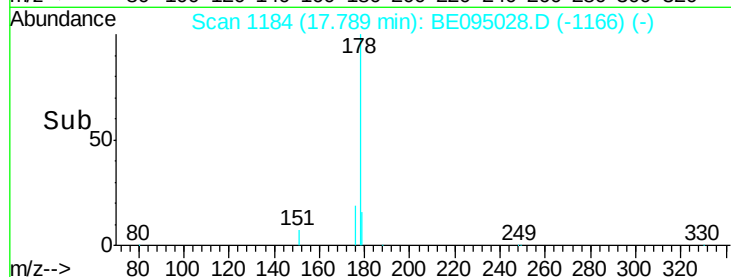
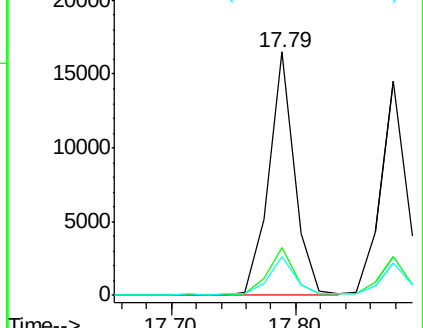
179 15.7 11.8 17.6



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: 0.384 ng

RT: 17.88 min Scan# 1190

Delta R.T. -0.03 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

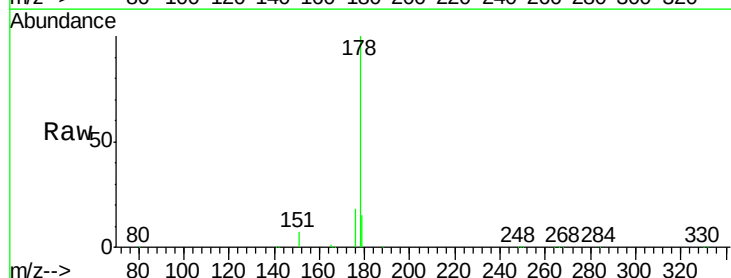
Tgt Ion:178 Resp: 23654

Ion Ratio Lower Upper

178 100

176 20.3 12.8 19.2#

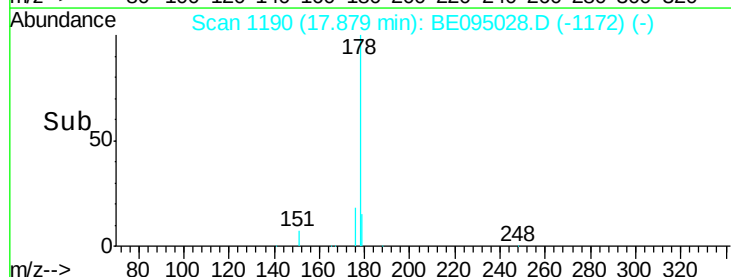
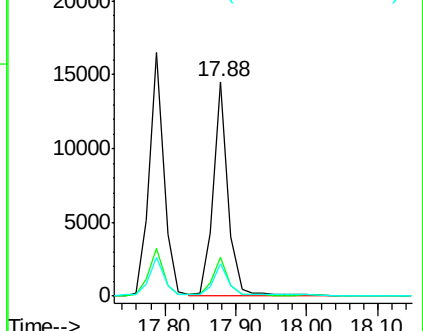
179 17.7 13.0 19.6

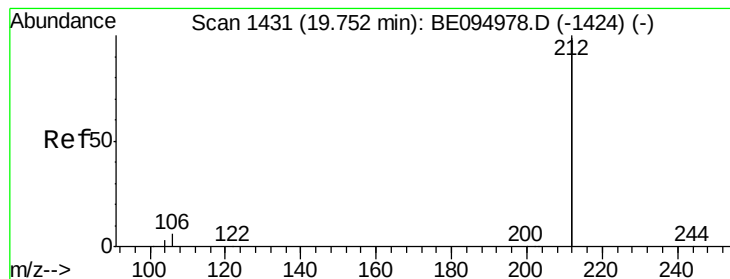


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.395 ng

RT: 19.73 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

Instrument :

BNA_E

ClientSampleId :

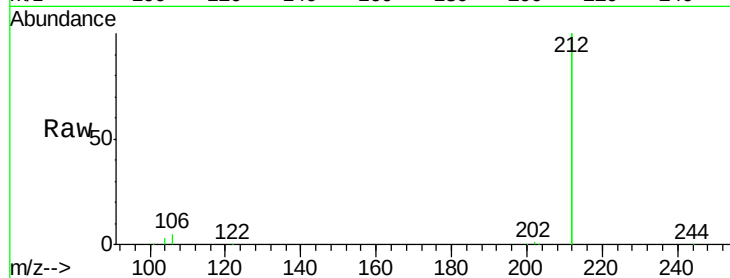
Tot Ion:212 Resp: 98569

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

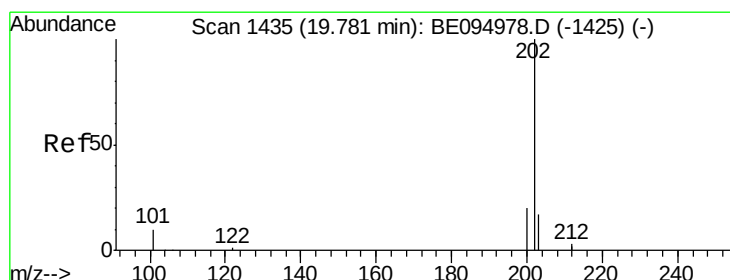
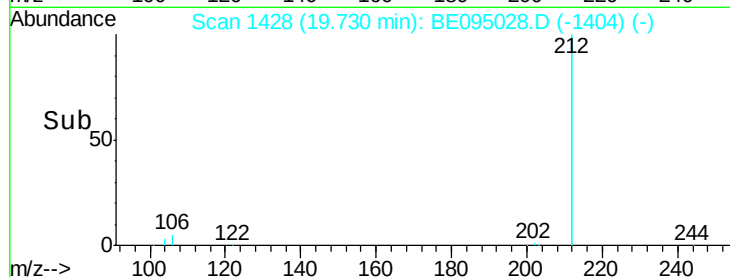
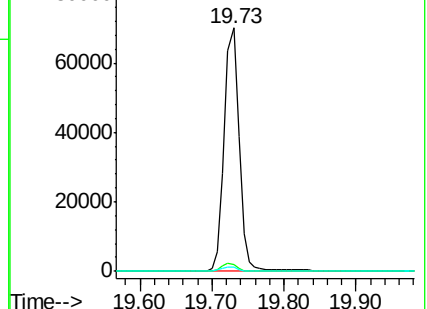
104 1.8 1.6 2.4



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: 0.394 ng

RT: 19.76 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

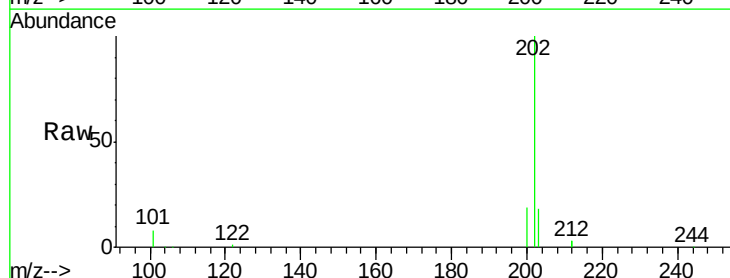
Tgt Ion:202 Resp: 29170

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

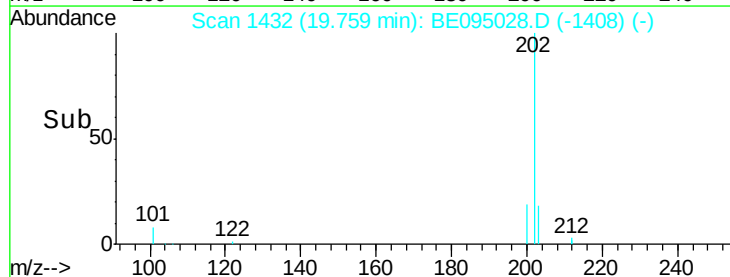
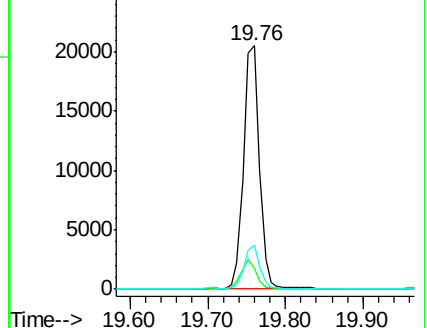
203 17.1 13.7 20.5

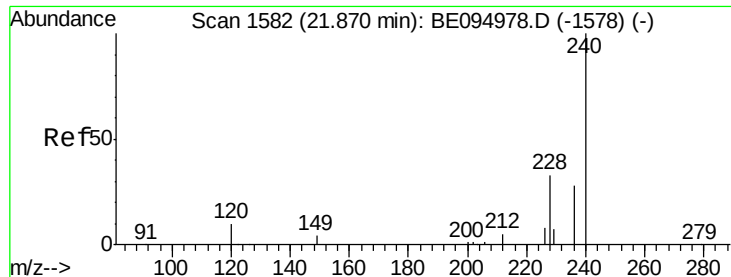


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

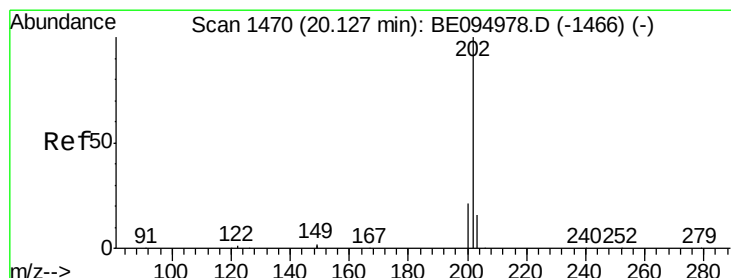
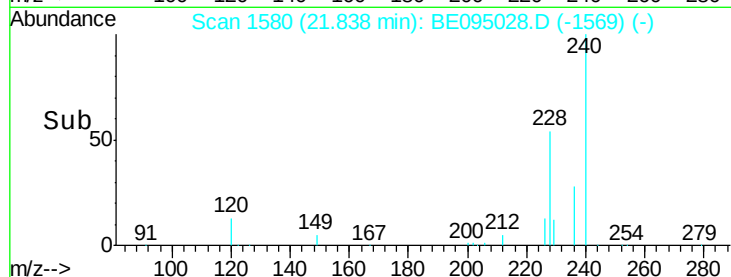
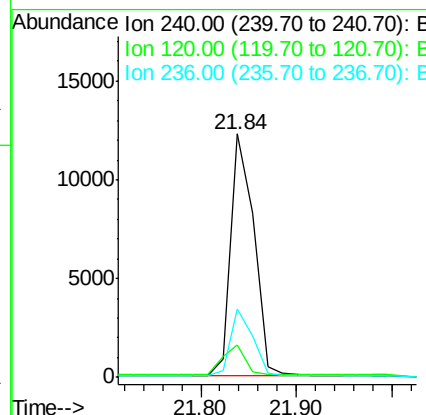
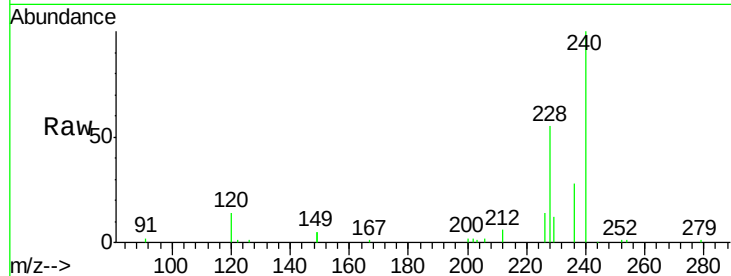




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.84 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BE095028.D
 Acq: 19 Dec 2017 11:16

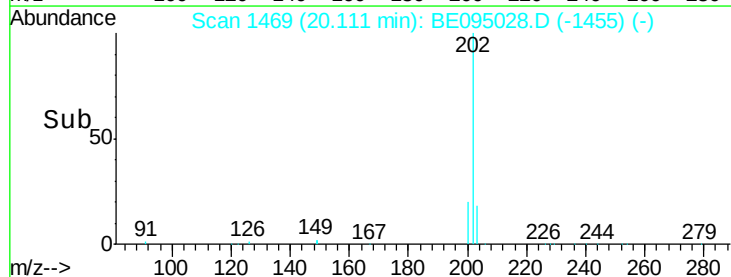
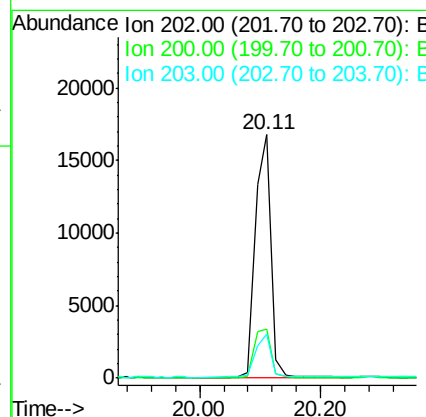
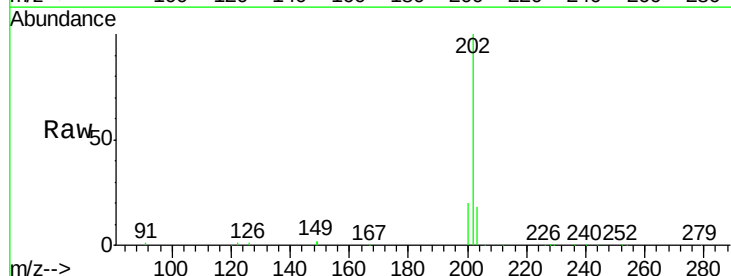
Instrument :
 BNA_E
 ClientSampleId :

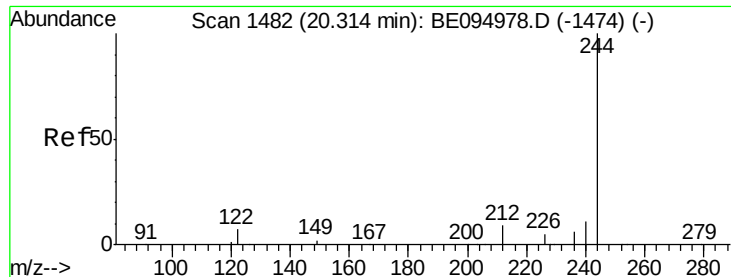
Tot Ion:240 Resp: 20735
 Ion Ratio Lower Upper
 240 100
 120 13.6 5.5 8.3#
 236 28.0 20.7 31.1



#28
 Pyrene
 Concen: 0.480 ng
 RT: 20.11 min Scan# 1469
 Delta R.T. -0.02 min
 Lab File: BE095028.D
 Acq: 19 Dec 2017 11:16

Tgt Ion:202 Resp: 33727
 Ion Ratio Lower Upper
 202 100
 200 21.7 16.6 25.0
 203 18.4 13.8 20.8





#29

Terphenyl-d14

Concen: 0.408 ng

RT: 20.30 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

Instrument :

BNA_E

ClientSampleId :

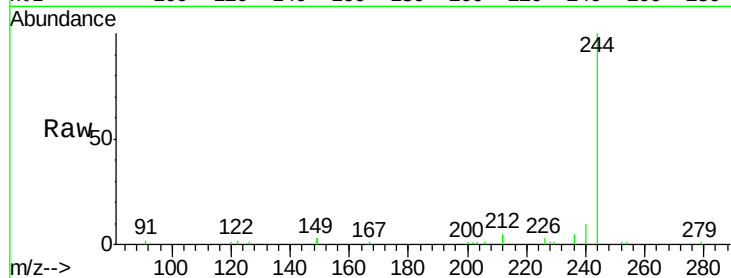
Tot Ion:244 Resp: 15907

Ion Ratio Lower Upper

244 100

212 5.1 25.4 38.0#

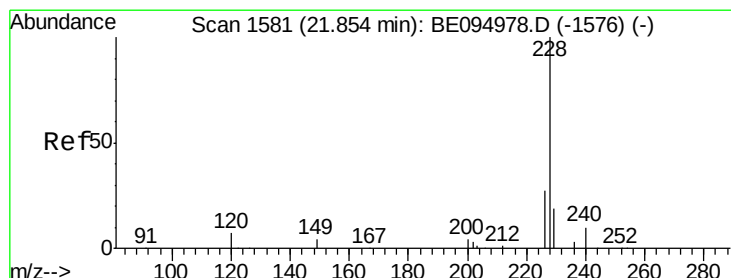
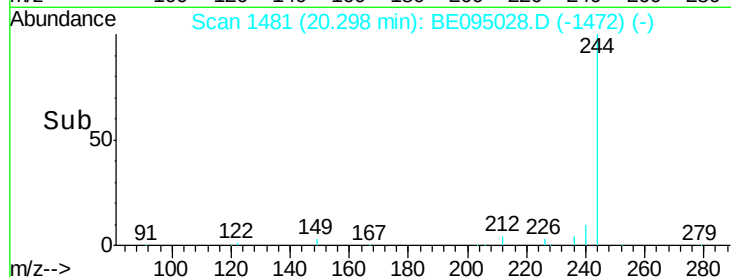
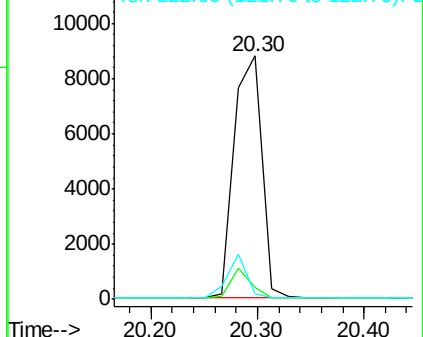
122 2.1 8.1 12.1#



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: 0.424 ng

RT: 21.82 min Scan# 1579

Delta R.T. -0.03 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

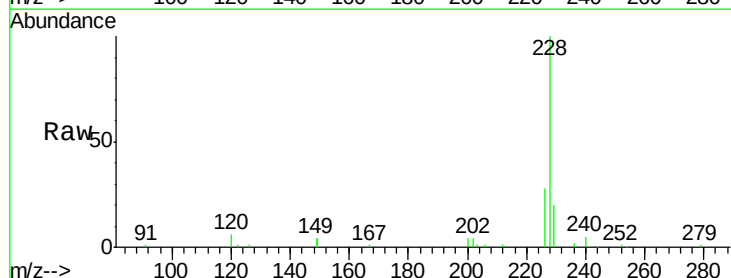
Tgt Ion:228 Resp: 25700

Ion Ratio Lower Upper

228 100

226 27.7 40.0 60.0#

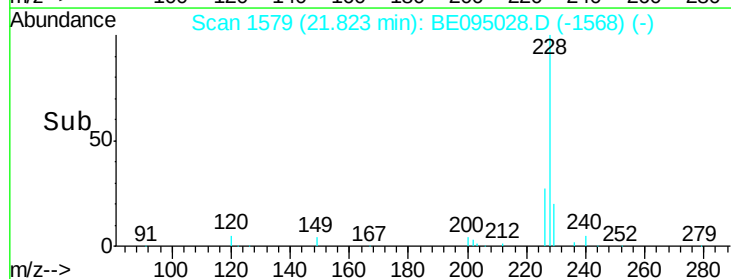
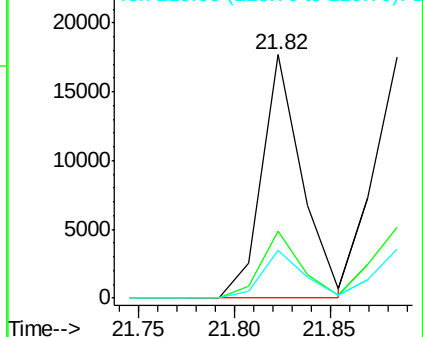
229 19.8 40.0 60.0#

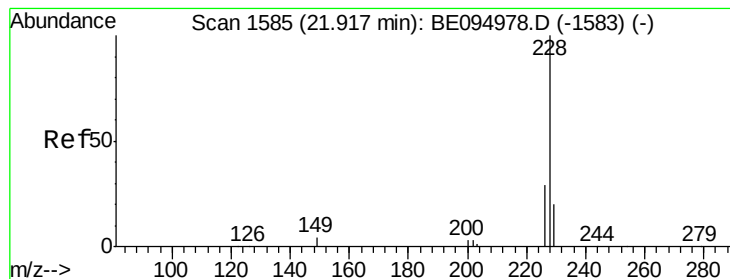


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.422 ng

RT: 21.89 min Scan# 1583

Delta R.T. -0.03 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

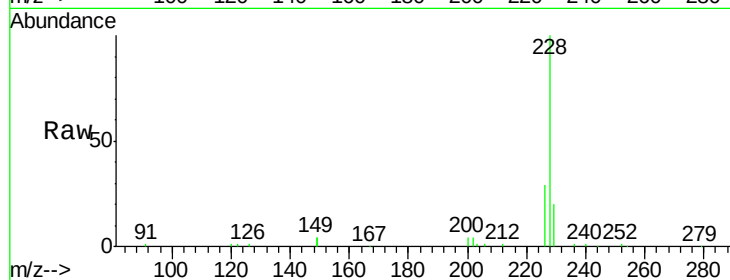
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 28755

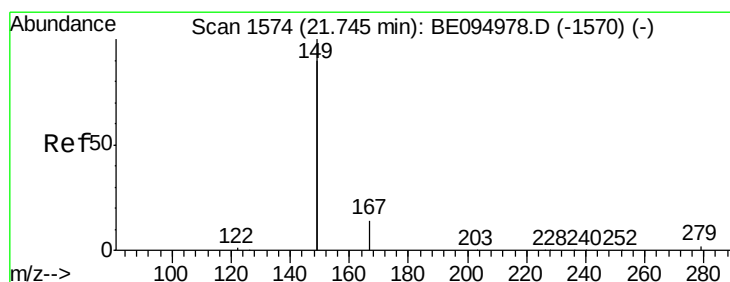
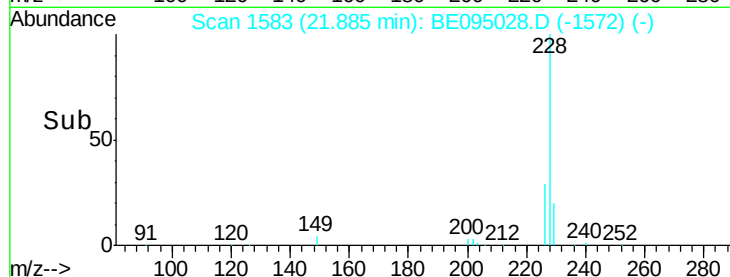
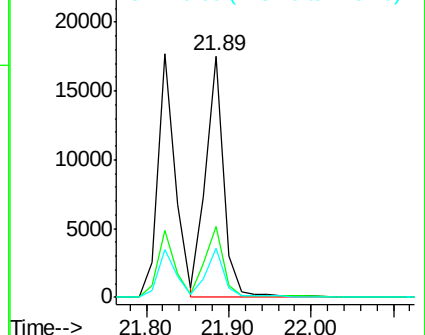
Ion	Ratio	Lower	Upper
228	100		
226	29.5	40.0	60.0#
229	20.2	40.0	60.0#



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: 0.534 ng

RT: 21.71 min Scan# 1572

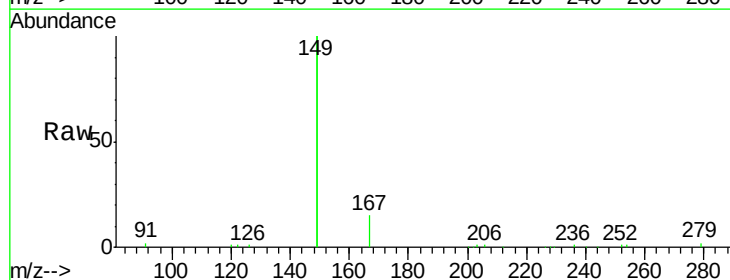
Delta R.T. -0.03 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

Tgt Ion:149 Resp: 41262

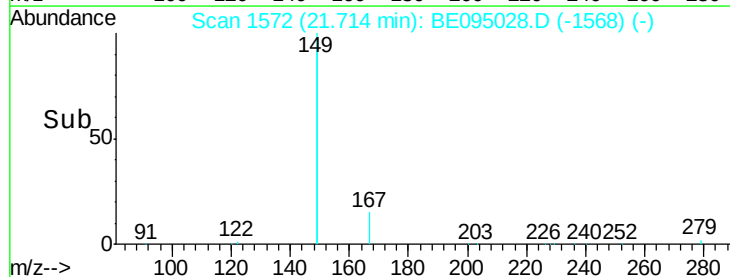
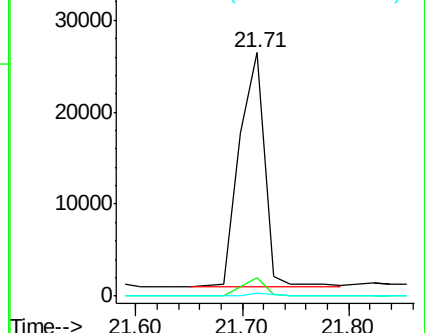
Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1

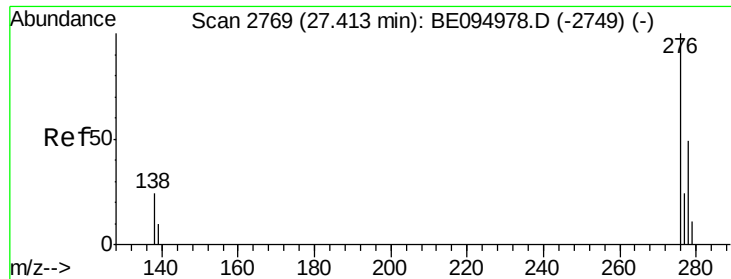


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

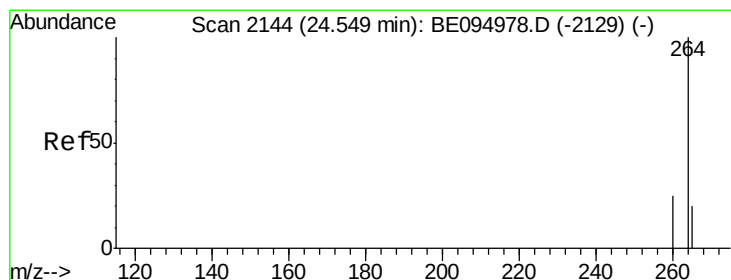
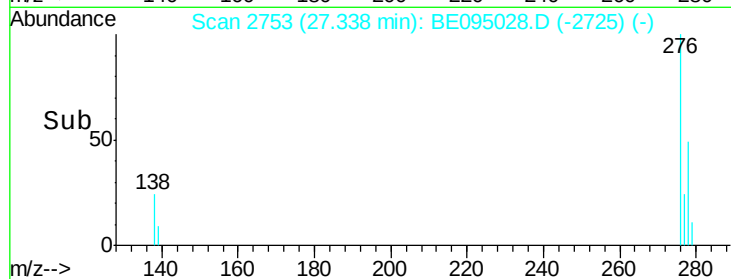
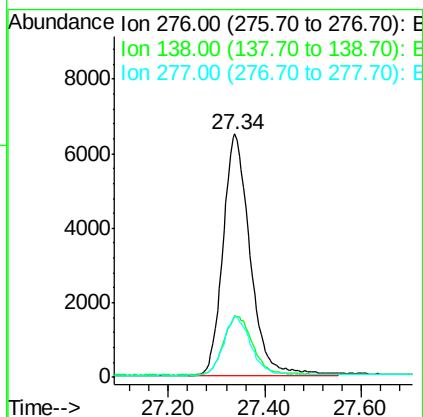
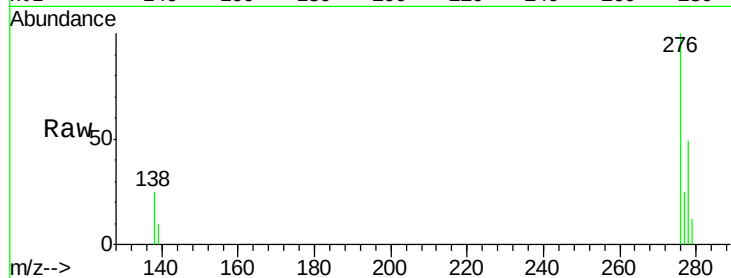




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.456 ng
 RT: 27.34 min Scan# 2753
 Delta R.T. -0.07 min
 Lab File: BE095028.D
 Acq: 19 Dec 2017 11:16

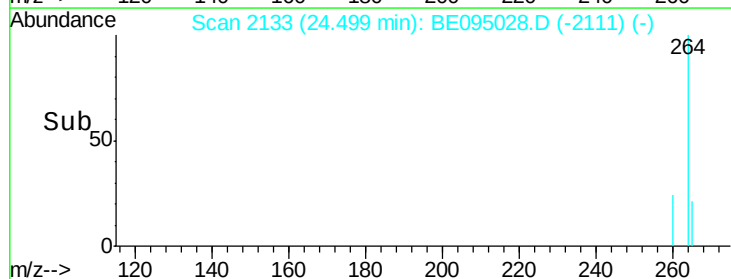
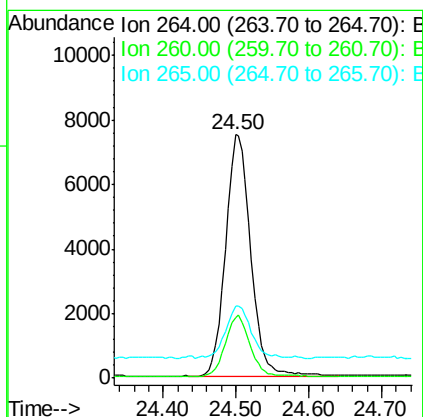
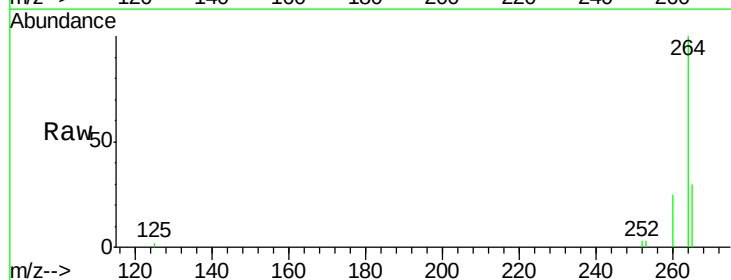
Instrument :
 BNA_E
 ClientSampleId :

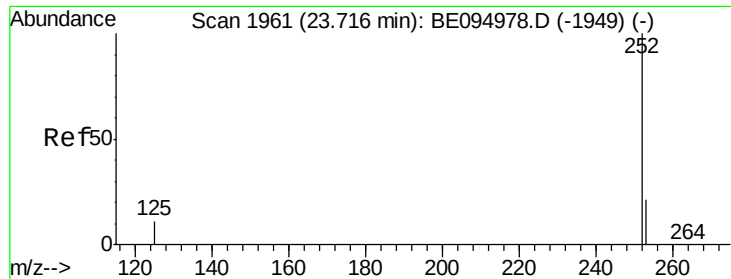
Tot Ion:276 Resp: 25324
 Ion Ratio Lower Upper
 276 100
 138 26.0 22.5 33.7
 277 24.3 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.50 min Scan# 2133
 Delta R.T. -0.05 min
 Lab File: BE095028.D
 Acq: 19 Dec 2017 11:16

Tgt Ion:264 Resp: 18039
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.5 30.7
 265 29.7 22.8 34.2

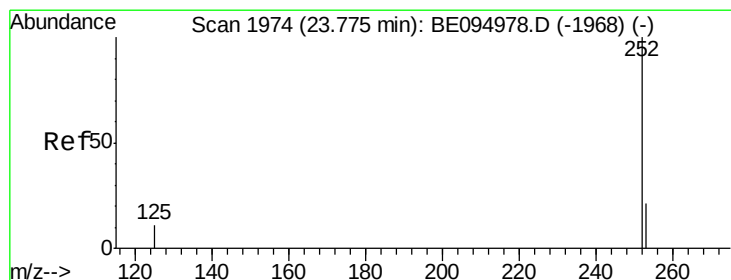
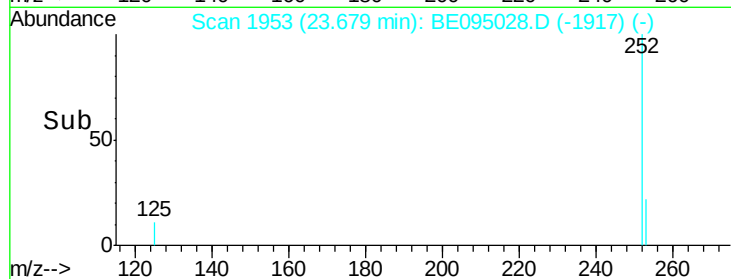
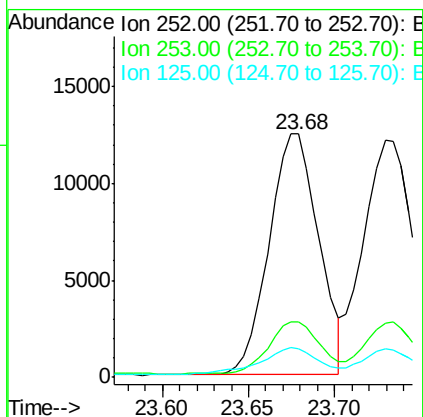
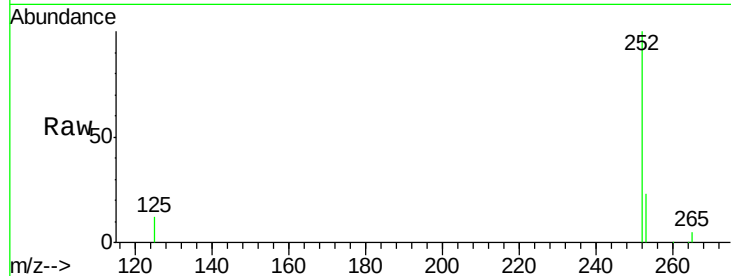




#35
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 23.68 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BE095028.D
Acq: 19 Dec 2017 11:16

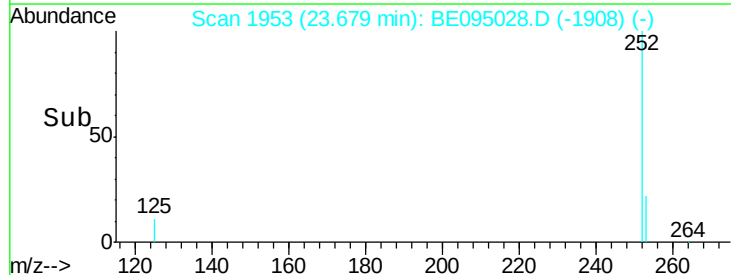
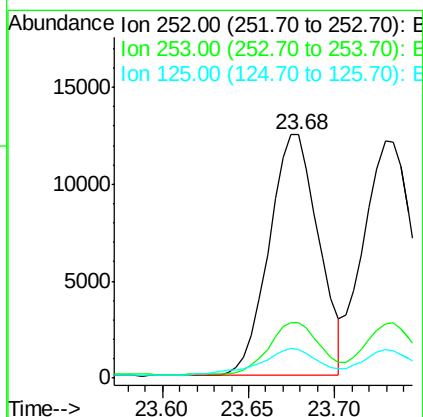
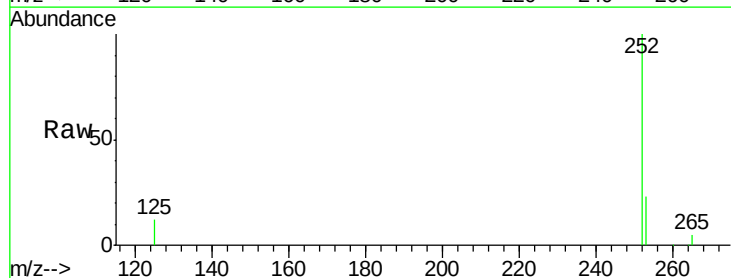
Instrument :
BNA_E
ClientSampleId :

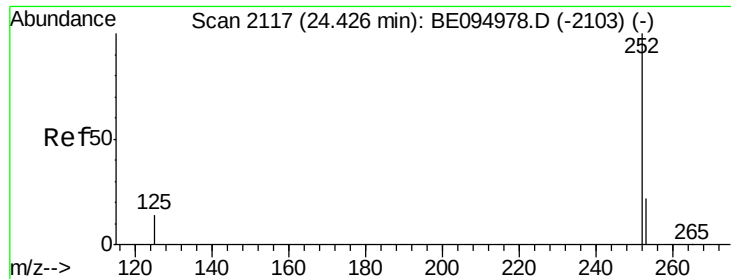
Tot Ion:252 Resp: 24898
Ion Ratio Lower Upper
252 100
253 22.8 20.0 30.0
125 12.0 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.371 ng
RT: 23.68 min Scan# 1953
Delta R.T. -0.10 min
Lab File: BE095028.D
Acq: 19 Dec 2017 11:16

Tgt Ion:252 Resp: 24898
Ion Ratio Lower Upper
252 100
253 22.8 16.0 24.0
125 12.0 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.389 ng

RT: 24.38 min Scan# 2107

Delta R.T. -0.05 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

Instrument :

BNA_E

ClientSampleId :

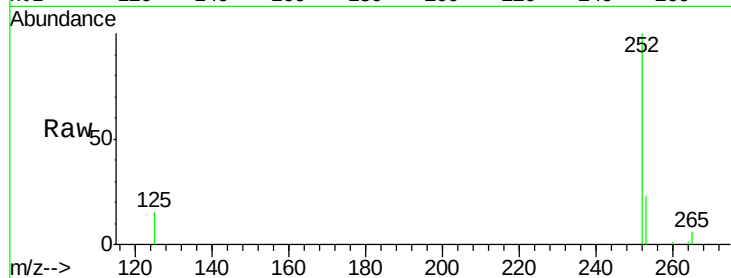
Tot Ion:252 Resp: 22883

Ion Ratio Lower Upper

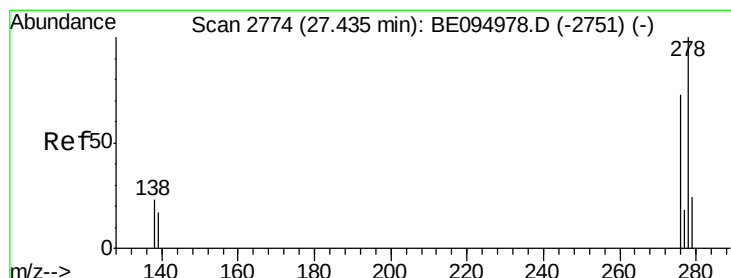
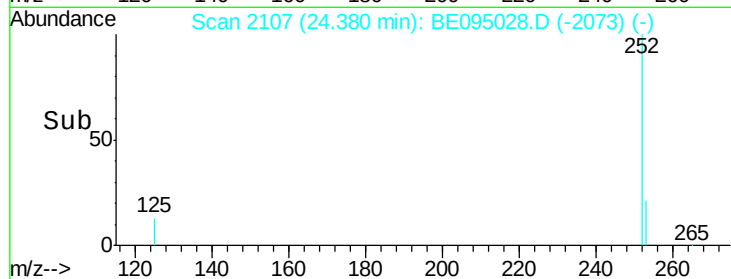
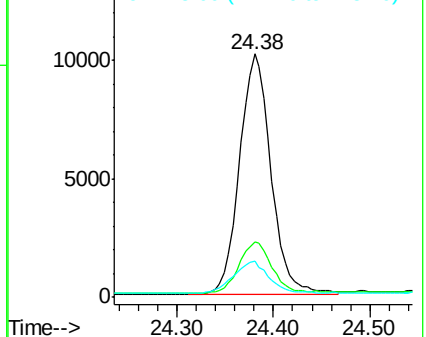
252 100

253 22.9 16.0 24.0

125 14.6 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: 0.379 ng

RT: 27.37 min Scan# 2759

Delta R.T. -0.07 min

Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

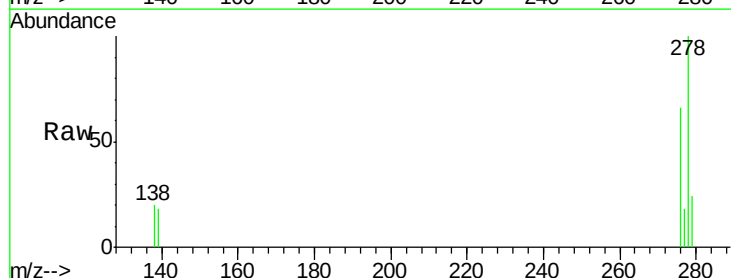
Tgt Ion:278 Resp: 20676

Ion Ratio Lower Upper

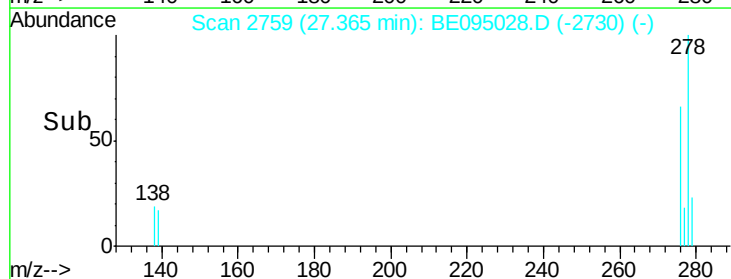
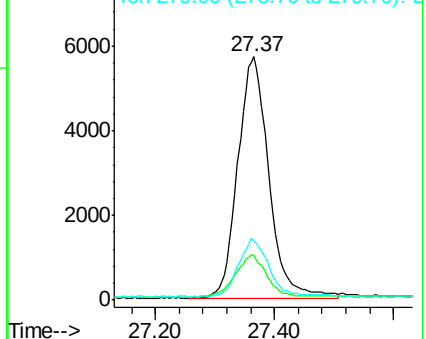
278 100

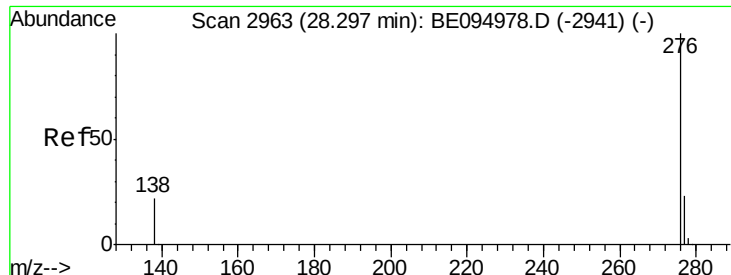
139 18.3 16.0 24.0

279 24.2 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: 0.385 ng

RT: 28.22 min Scan# 2947

Delta R.T. -0.07 min

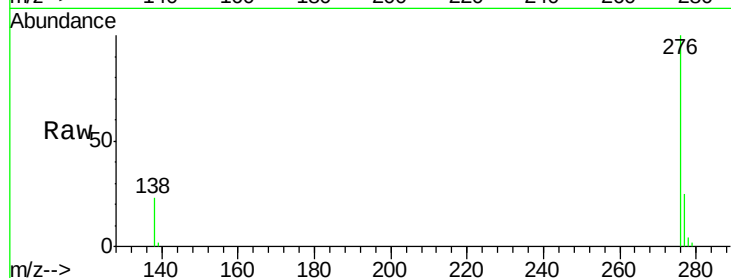
Lab File: BE095028.D

Acq: 19 Dec 2017 11:16

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 20918

Ion Ratio Lower Upper

276 100

277 25.2 16.0 24.0

138 23.5 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

