

Data Path : Z:\HPCHEM1\BNA_E\Data\BE121417\
 Data File : BE094982.D
 Acq On : 14 Dec 2017 18:25
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE121417

Quant Time: Dec 14 19:05:19 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	8.47	152	6346	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	13585	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	7969	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	18476	0.40	ng	0.00
27) Chrysene-d12	21.87	240	20675	0.40	ng	0.00
34) Perylene-d12	24.55	264	15187	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	3803	0.39	ng	0.00
5) Phenol-d6	7.59	99	5450	0.37	ng	0.00
8) Nitrobenzene-d5	9.65	82	4457	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	9030	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	686	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.70	172	13970	0.40	ng	0.00
25) Fluoranthene-d10	19.75	212	92810	0.39	ng	0.00
29) Terphenyl-d14	20.31	244	15744	0.40	ng	0.00

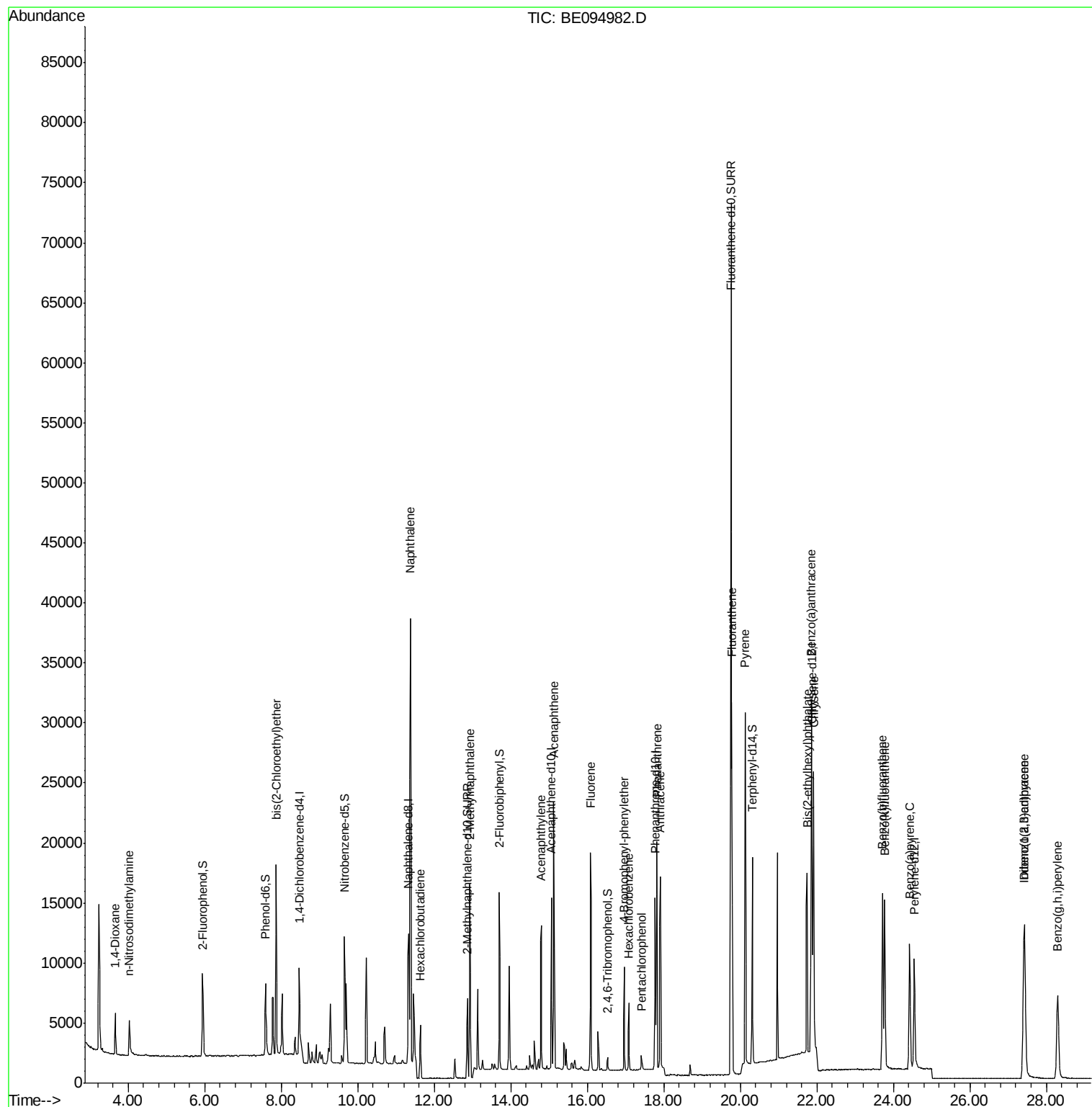
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	2383	0.381	ng	# 90
3) n-Nitrosodimethylamine	4.02	42	2895	0.392	ng	# 88
6) bis(2-Chloroethyl)ether	7.87	93	5495	0.385	ng	95
9) Naphthalene	11.38	128	64454	0.404	ng	99
10) Hexachlorobutadiene	11.64	225	2898	0.400	ng	99
12) 2-Methylnaphthalene	12.93	142	15809	0.397	ng	97
16) Acenaphthylene	14.79	152	16418	0.385	ng	99
17) Acenaphthene	15.12	154	11138	0.394	ng	95
18) Fluorene	16.08	166	13654	0.389	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	4303	0.398	ng	# 78
21) Hexachlorobenzene	17.08	284	4489	0.406	ng	# 82
22) Pentachlorophenol	17.41	266	747	0.352	ng	# 76
23) Phenanthrene	17.82	178	22979	0.399	ng	98
24) Anthracene	17.91	178	23002	0.389	ng	# 93
26) Fluoranthene	19.78	202	27775	0.391	ng	99
28) Pyrene	20.13	202	27474	0.392	ng	96
30) Benzo(a)anthracene	21.85	228	23193	0.384	ng	# 61
31) Chrysene	21.92	228	27438	0.404	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.74	149	24340	0.316	ng	100
33) Indeno(1,2,3-cd)pyrene	27.41	276	20756	0.375	ng	98
35) Benzo(b)fluoranthene	23.72	252	21546	0.386	ng	# 89
36) Benzo(k)fluoranthene	23.77	252	22321	0.395	ng	95
37) Benzo(a)pyrene	24.43	252	18573	0.375	ng	94
38) Dibenzo(a,h)anthracene	27.43	278	17455	0.380	ng	98
39) Benzo(g,h,i)perylene	28.29	276	18109	0.396	ng	# 94

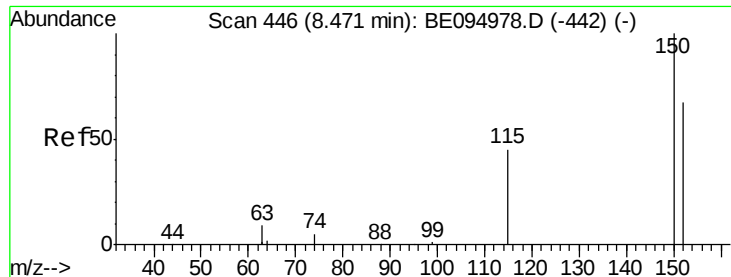
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\Data\BE121417\
Data File : BE094982.D
Acq On : 14 Dec 2017 18:25
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Quant Time: Dec 14 19:05:19 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

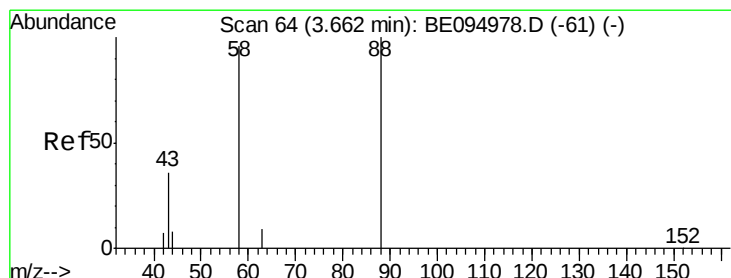
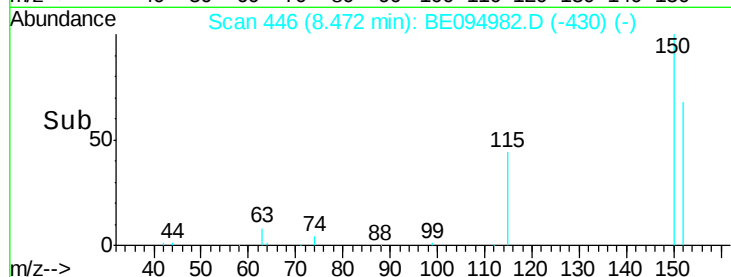
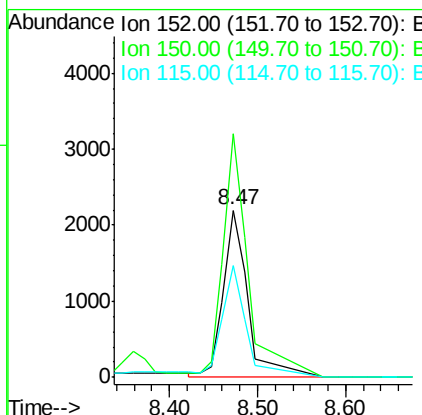
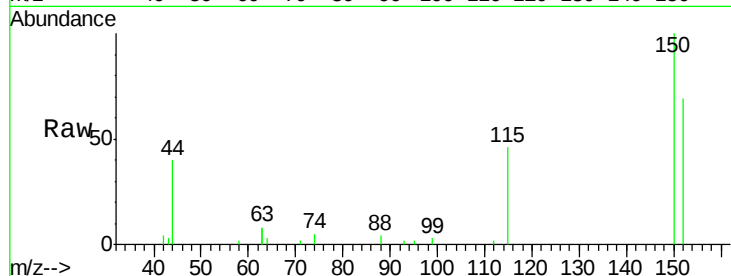




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.47 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BE094982.D
 Acq: 14 Dec 2017 18:25

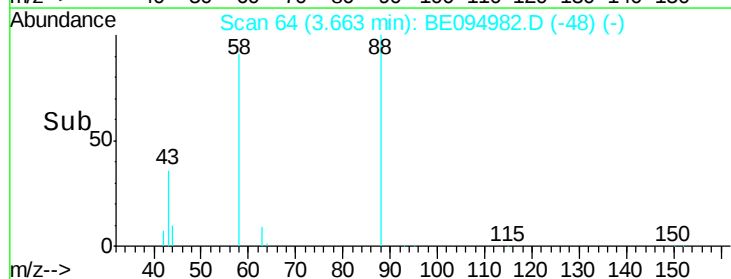
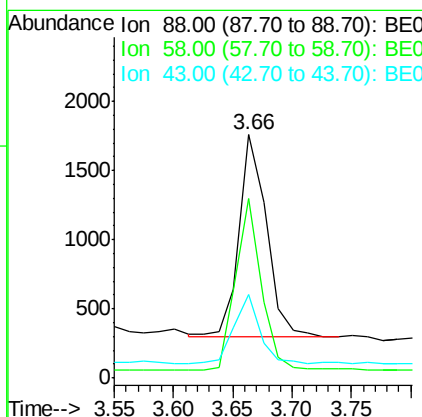
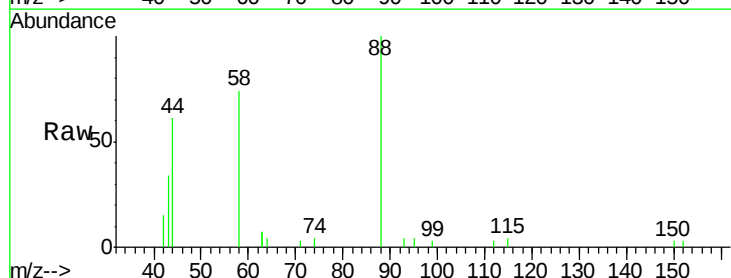
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE121417

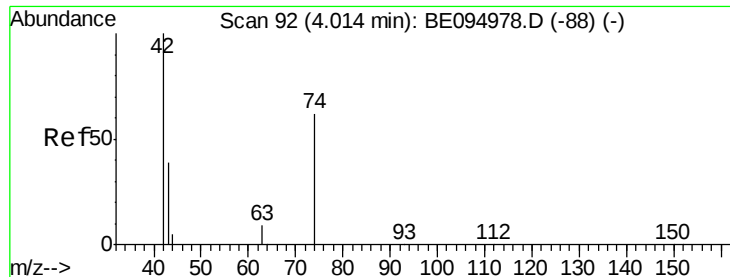
Tgt Ion: 152 Resp: 6346
 Ion Ratio Lower Upper
 152 100
 150 146.0 117.2 175.8
 115 66.8 57.0 85.6



#2
 1,4-Dioxane
 Concen: 0.381 ng
 RT: 3.66 min Scan# 64
 Delta R.T. 0.00 min
 Lab File: BE094982.D
 Acq: 14 Dec 2017 18:25

Tgt Ion: 88 Resp: 2383
 Ion Ratio Lower Upper
 88 100
 58 78.8 63.2 94.8
 43 33.9 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 0.392 ng

RT: 4.02 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

Instrument :

BNA_E

ClientSampleId :

ICVBE121417

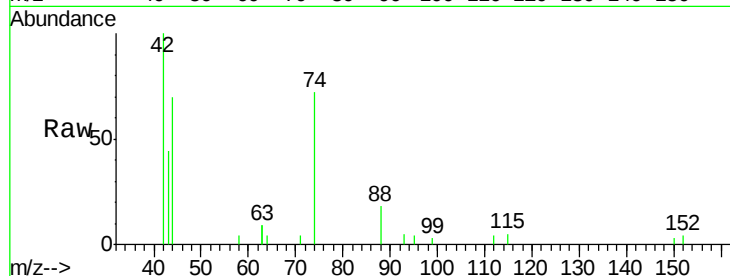
Tgt Ion: 42 Resp: 2895

Ion Ratio Lower Upper

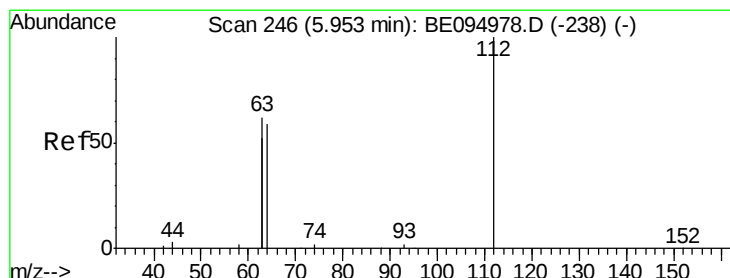
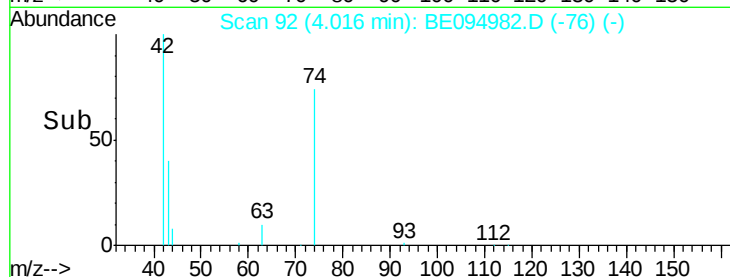
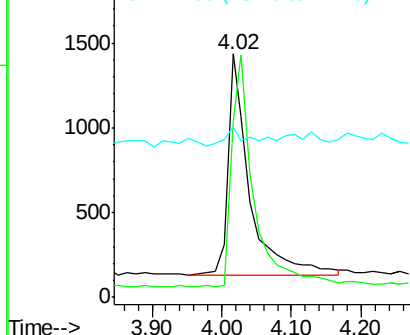
42 100

74 107.6 96.0 144.0

44 7.9 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: 0.386 ng

RT: 5.95 min Scan# 246

Delta R.T. 0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

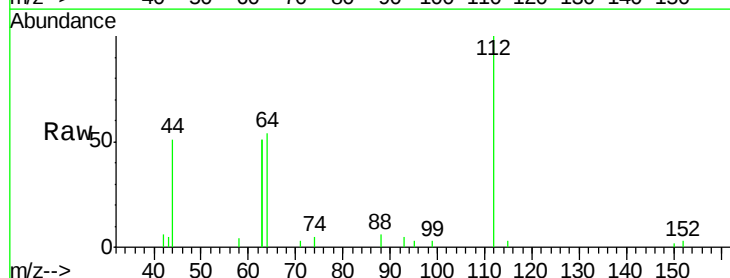
Tgt Ion: 112 Resp: 3803

Ion Ratio Lower Upper

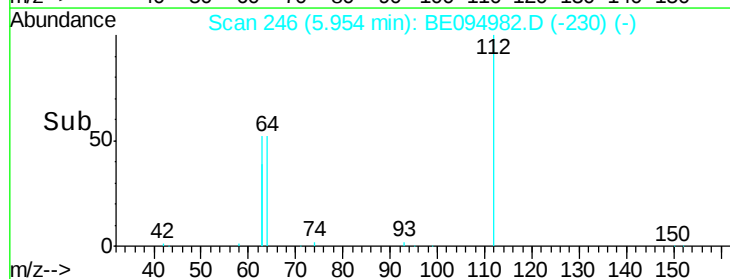
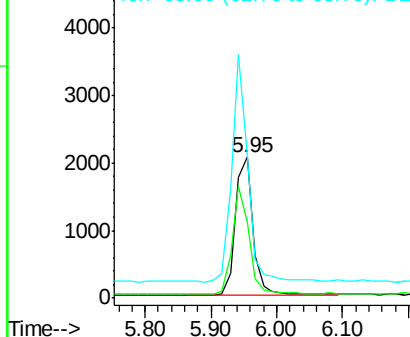
112 100

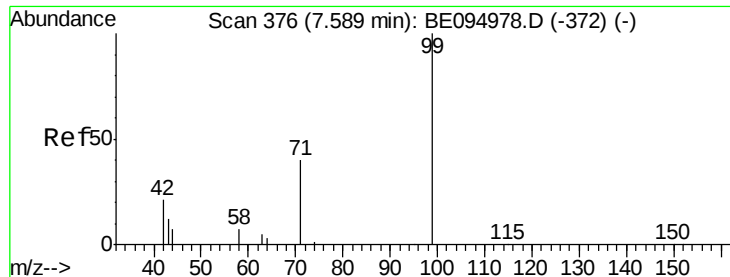
64 72.9 60.1 90.1

63 150.1 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.372 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

Instrument :

BNA_E

ClientSampleId :

ICVBE121417

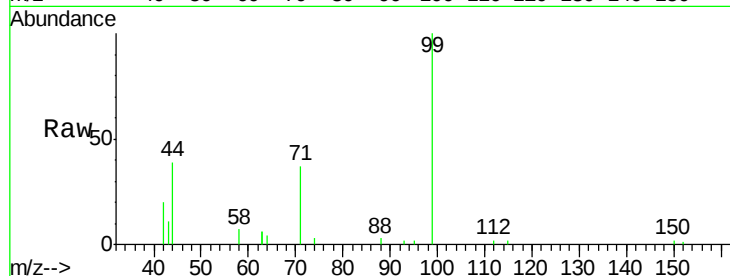
Tgt Ion: 99 Resp: 5450

Ion Ratio Lower Upper

99 100

42 25.7 20.2 30.2

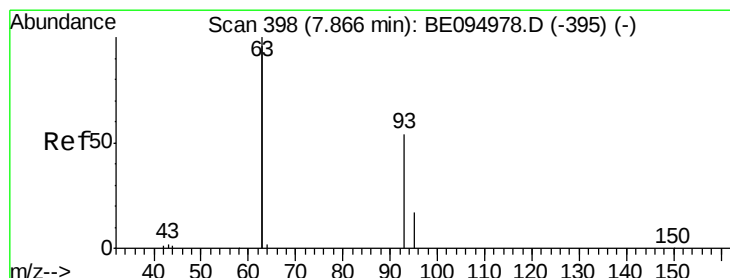
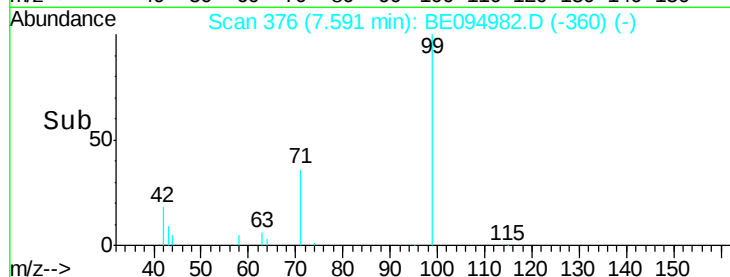
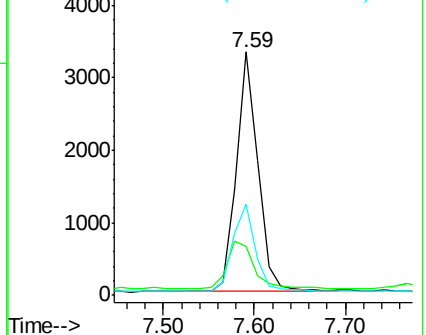
71 37.9 28.4 42.6



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: 0.385 ng

RT: 7.87 min Scan# 398

Delta R.T. 0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

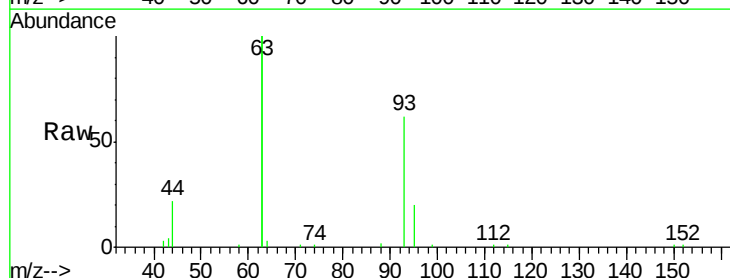
Tgt Ion: 93 Resp: 5495

Ion Ratio Lower Upper

93 100

63 331.6 275.3 412.9

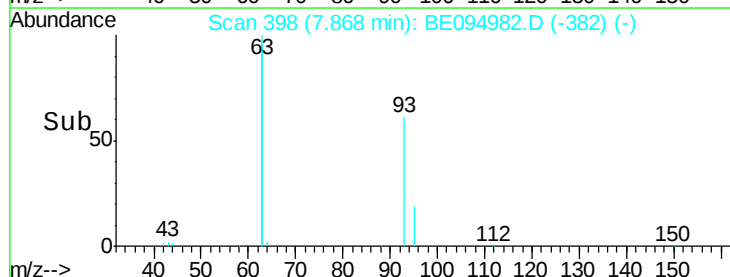
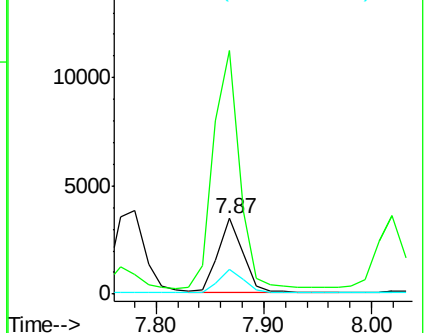
95 31.3 25.2 37.8

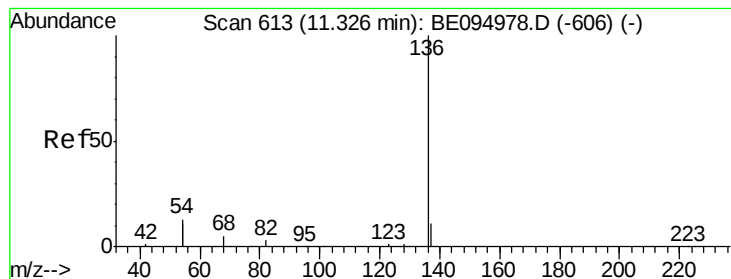


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

Instrument :

BNA_E

ClientSampleId :

ICVBE121417

Tgt Ion:136 Resp: 13585

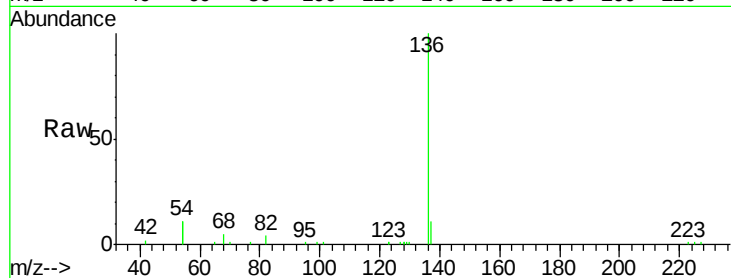
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 22.0 29.1 43.7#

68 5.3 6.2 9.2#

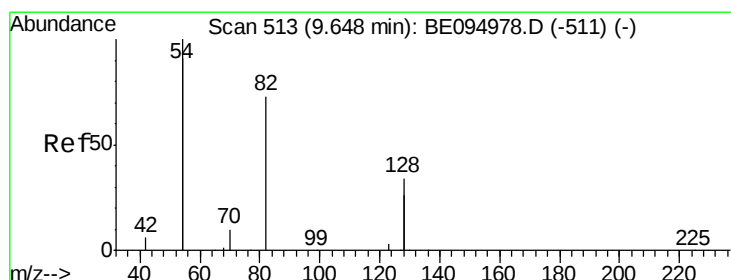
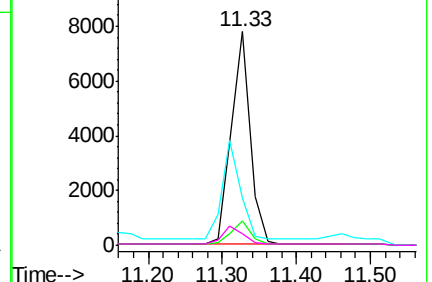
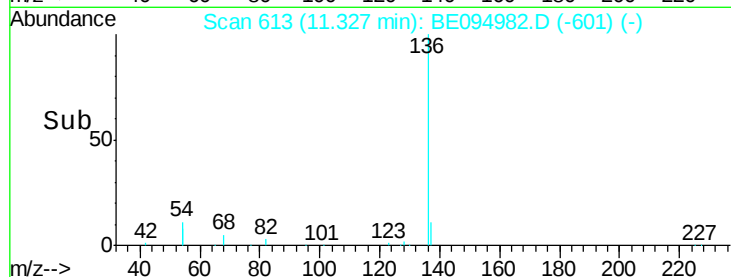


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.400 ng

RT: 9.65 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

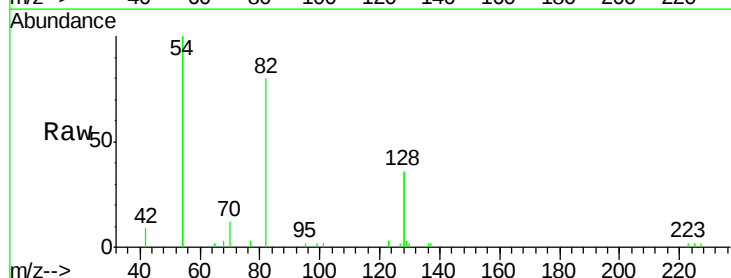
Tgt Ion: 82 Resp: 4457

Ion Ratio Lower Upper

82 100

128 91.4 150.0 225.0#

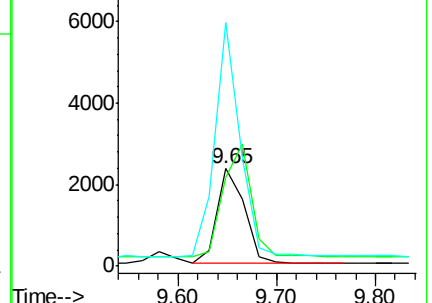
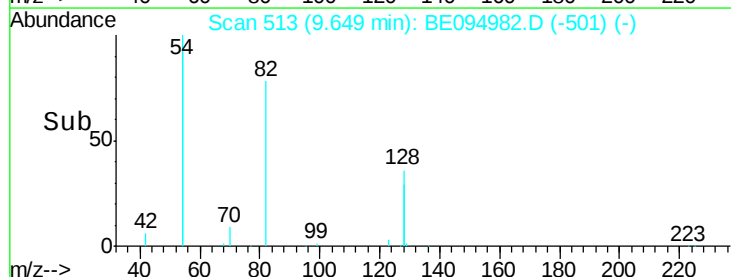
54 250.8 154.2 231.4#

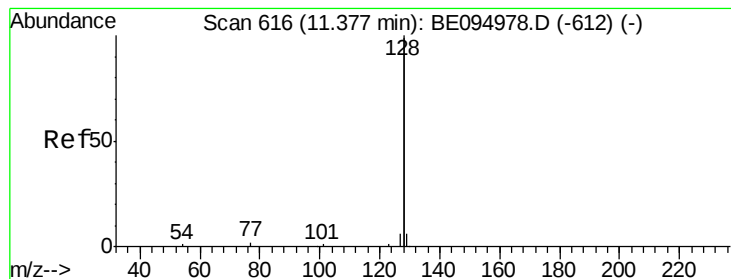


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.404 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

Instrument :

BNA_E

ClientSampleId :

ICVBE121417

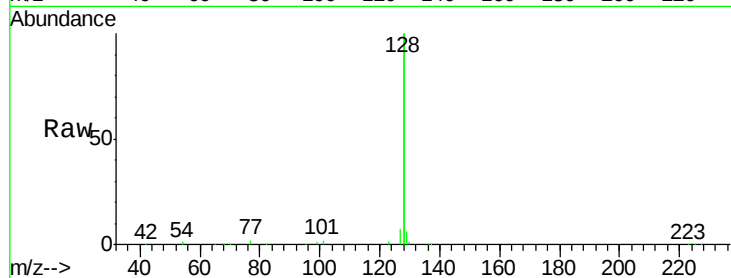
Tgt Ion:128 Resp: 64454

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

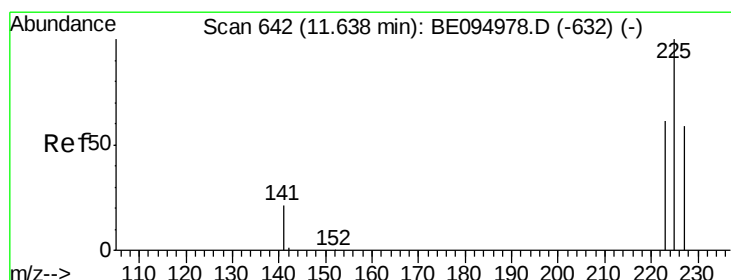
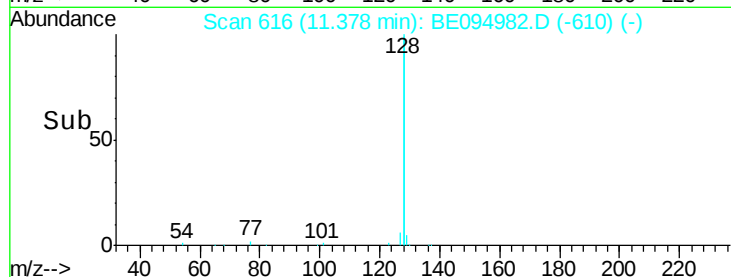
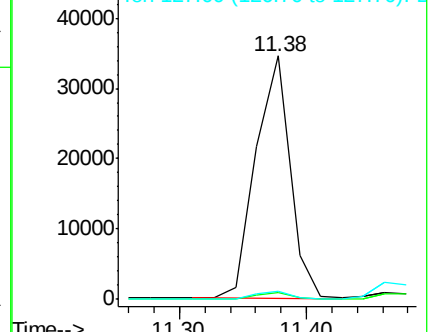
127 3.4 2.8 4.2



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: 0.400 ng

RT: 11.64 min Scan# 642

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

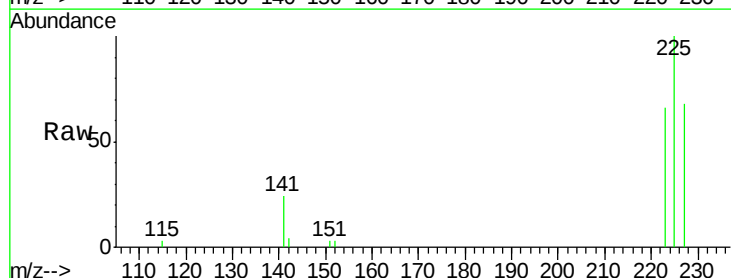
Tgt Ion:225 Resp: 2898

Ion Ratio Lower Upper

225 100

223 65.5 53.0 79.6

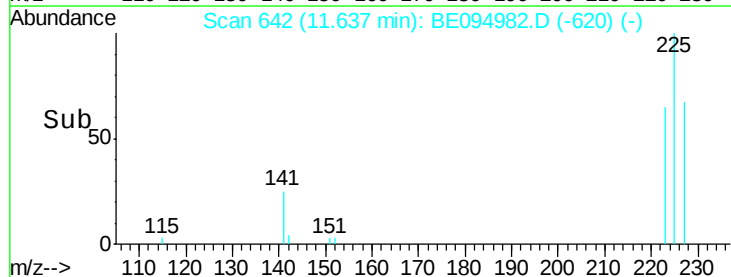
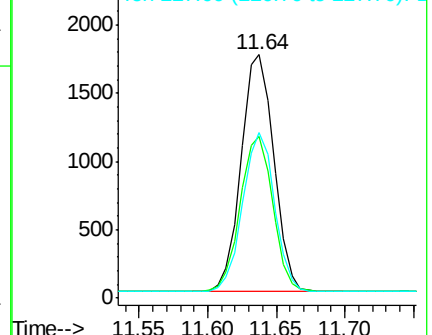
227 65.8 51.4 77.2

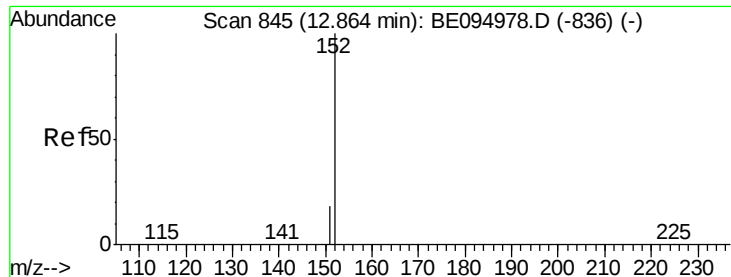


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

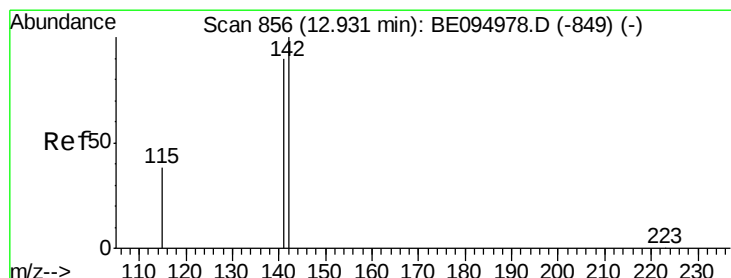
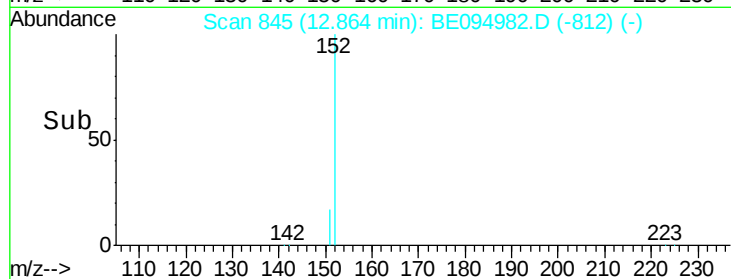
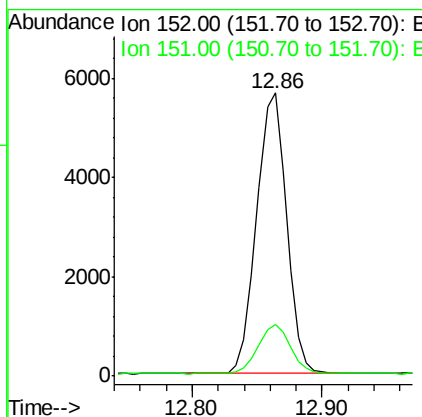
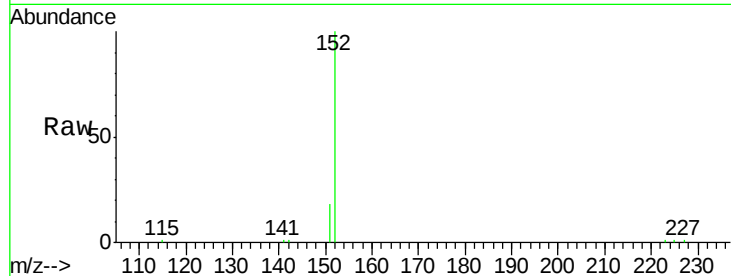




#11
 2-Methylnaphthalene-d10
 Concen: 0.406 ng
 RT: 12.86 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BE094982.D
 Acq: 14 Dec 2017 18:25

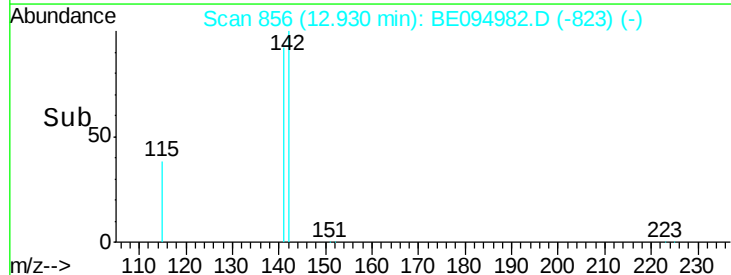
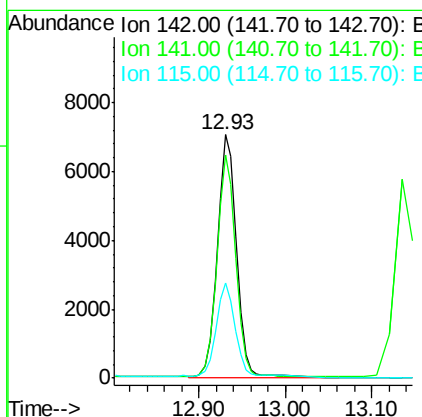
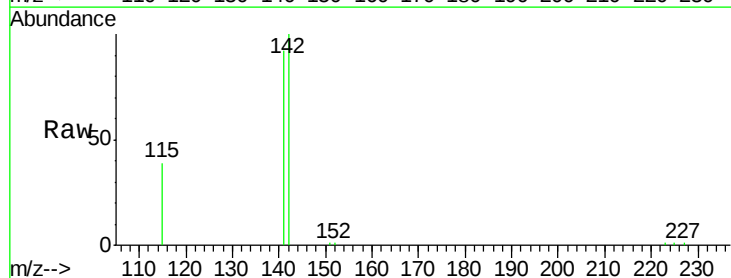
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE121417

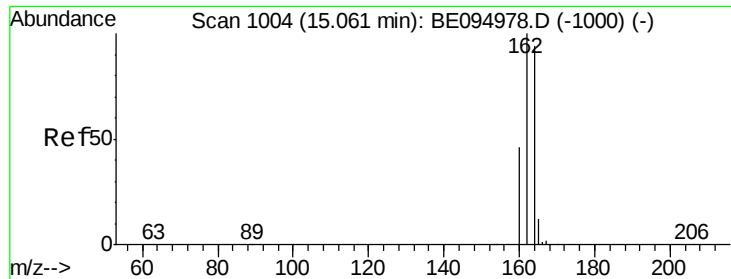
Tgt Ion:152 Resp: 9030
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.397 ng
 RT: 12.93 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BE094982.D
 Acq: 14 Dec 2017 18:25

Tgt Ion:142 Resp: 15809
 Ion Ratio Lower Upper
 142 100
 141 91.8 70.4 105.6
 115 39.0 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

Instrument :

BNA_E

ClientSampleId :

ICVBE121417

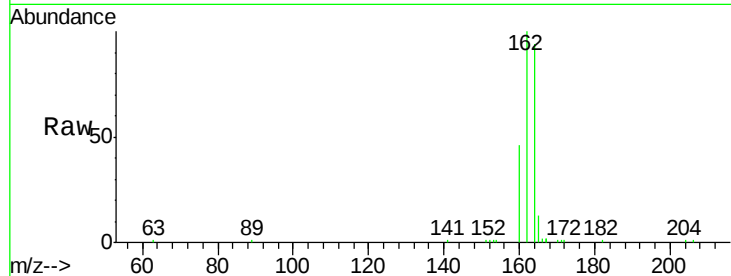
Tgt Ion:164 Resp: 7969

Ion Ratio Lower Upper

164 100

162 106.5 83.1 124.7

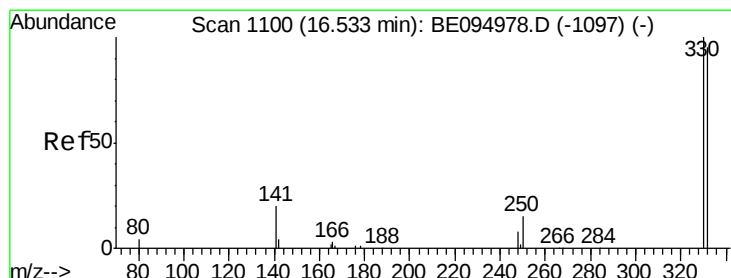
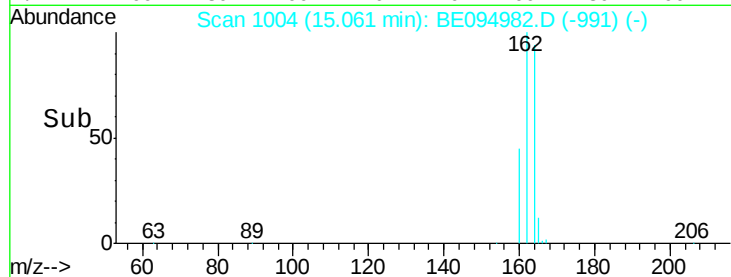
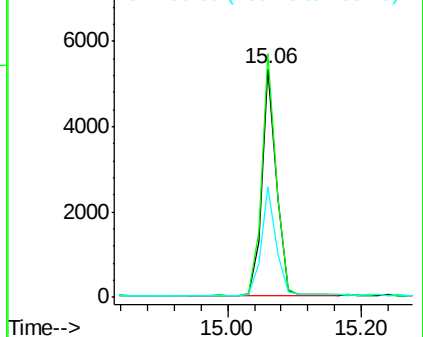
160 48.6 37.1 55.7



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: 0.370 ng

RT: 16.53 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

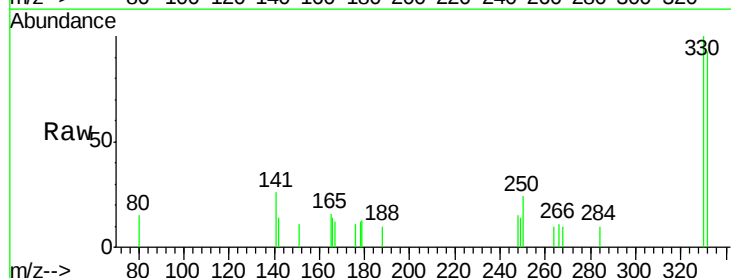
Tgt Ion:330 Resp: 686

Ion Ratio Lower Upper

330 100

332 96.5 152.7 229.1#

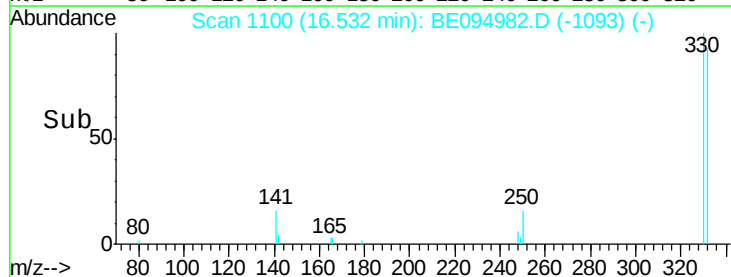
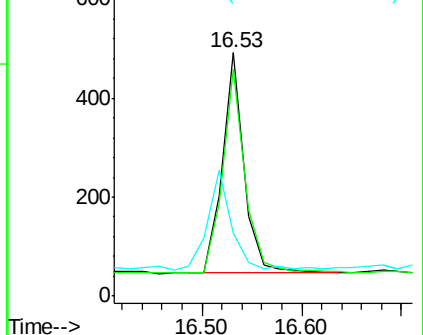
141 50.0 33.7 50.5

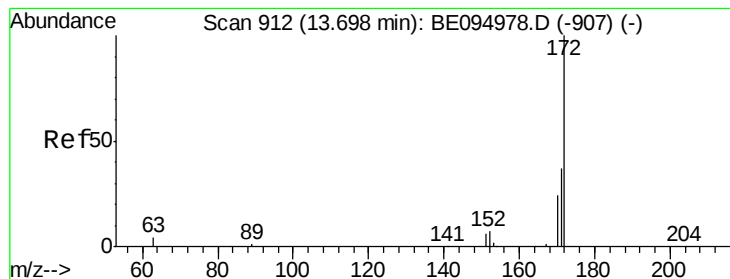


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.396 ng

RT: 13.70 min Scan# 912

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

Instrument :

BNA_E

ClientSampleId :

ICVBE121417

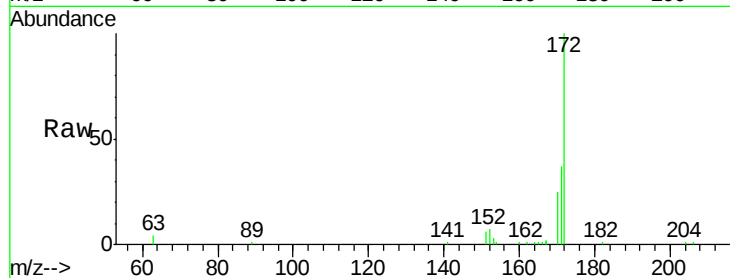
Tgt Ion:172 Resp: 13970

Ion Ratio Lower Upper

172 100

171 36.5 29.9 44.9

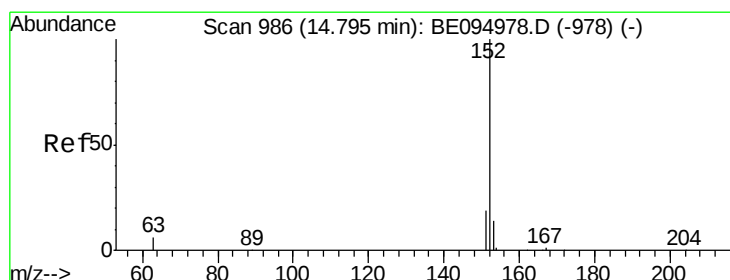
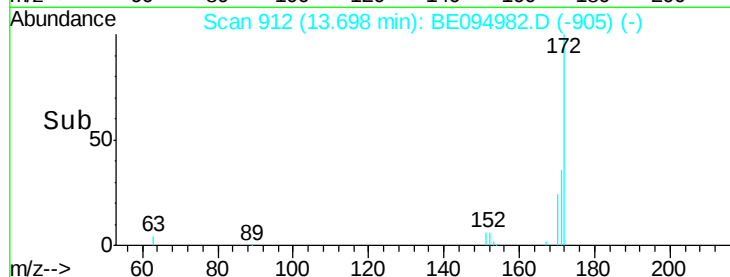
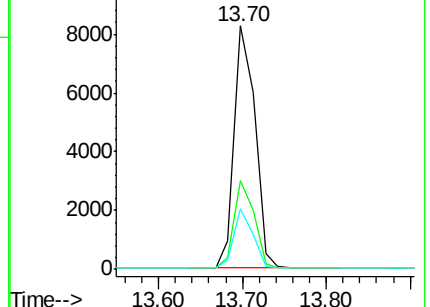
170 24.7 21.8 32.8



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: 0.385 ng

RT: 14.79 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

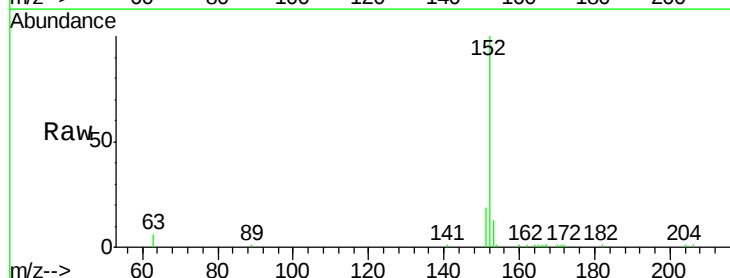
Tgt Ion:152 Resp: 16418

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

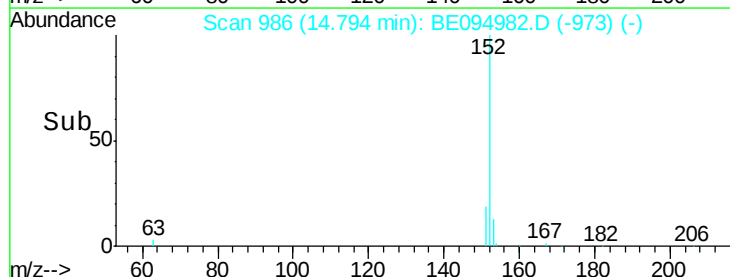
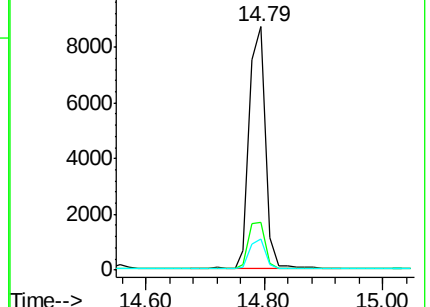
153 12.4 10.5 15.7

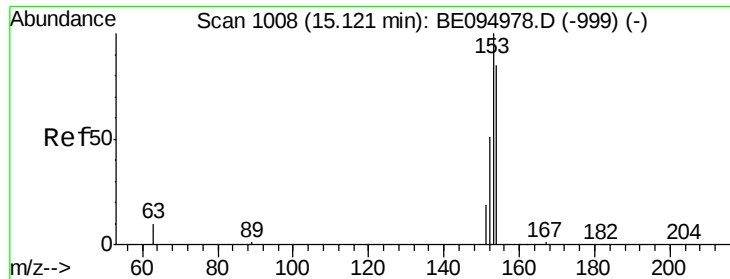


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

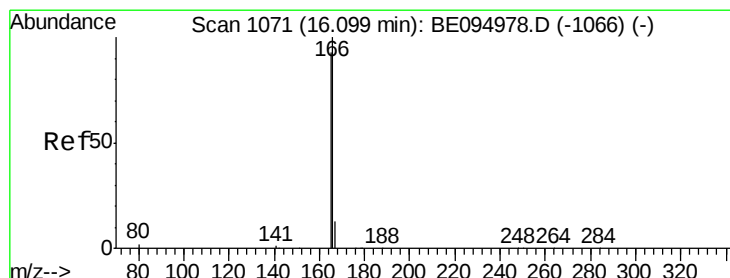
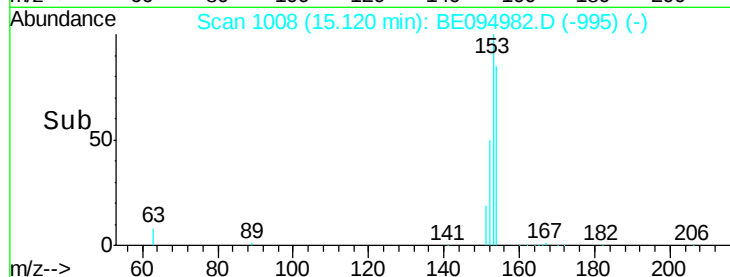
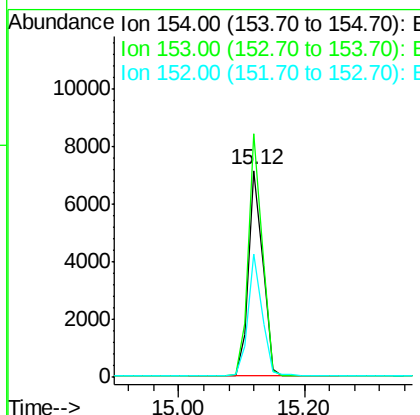
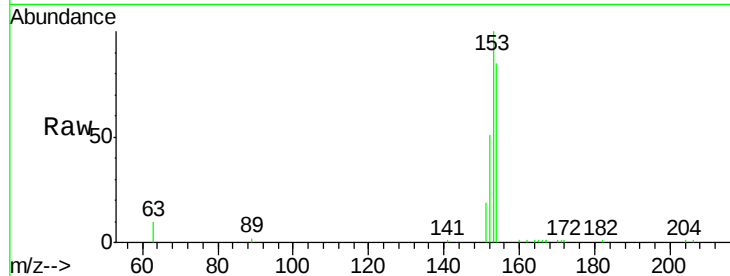




#17
Acenaphthene
Concen: 0.394 ng
RT: 15.12 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

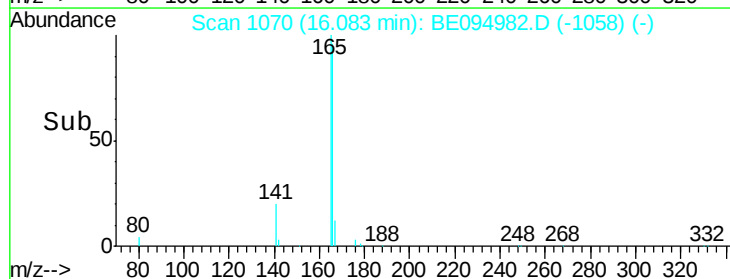
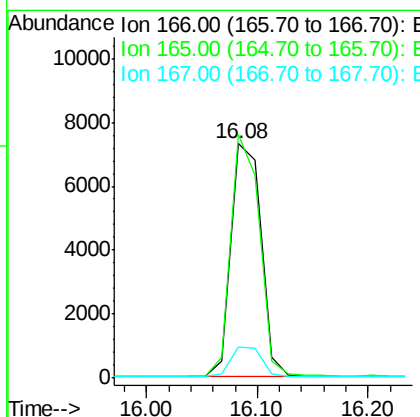
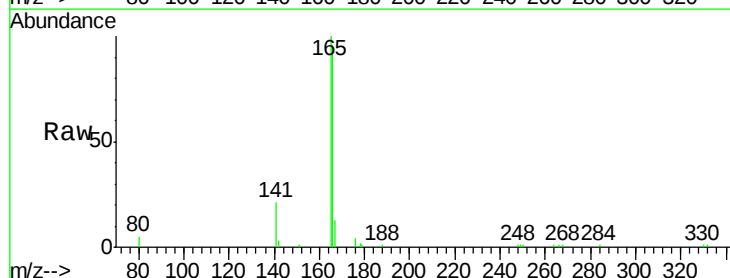
Instrument :
BNA_E
ClientSampleId :
ICVBE121417

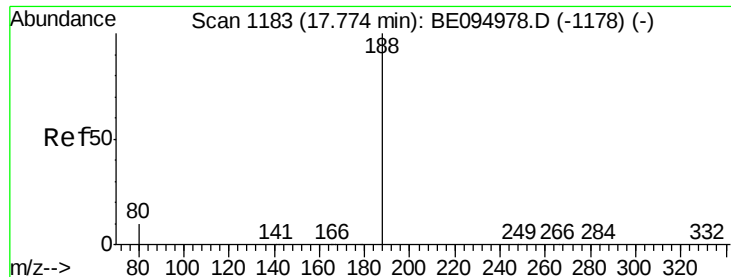
Tgt Ion:154 Resp: 11138
Ion Ratio Lower Upper
154 100
153 115.0 89.2 133.8
152 57.7 42.0 63.0



#18
Fluorene
Concen: 0.389 ng
RT: 16.08 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:166 Resp: 13654
Ion Ratio Lower Upper
166 100
165 99.3 77.8 116.6
167 13.2 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.77 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

Instrument :

BNA_E

ClientSampleId :

ICVBE121417

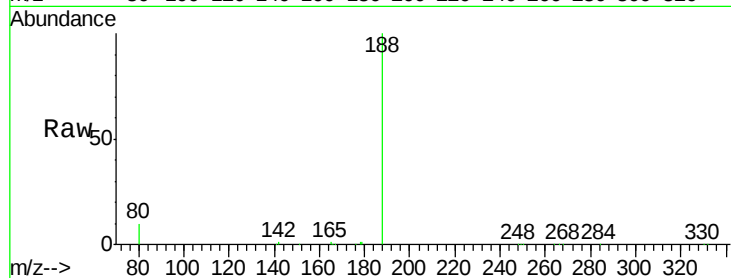
Tgt Ion:188 Resp: 18476

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

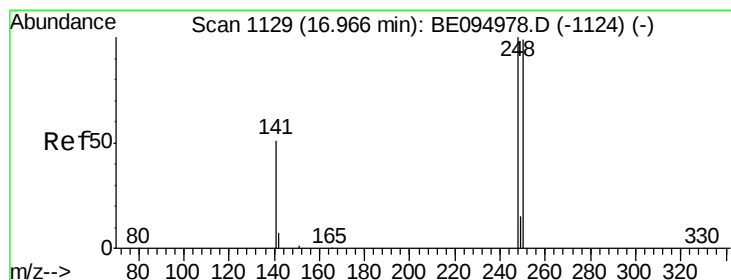
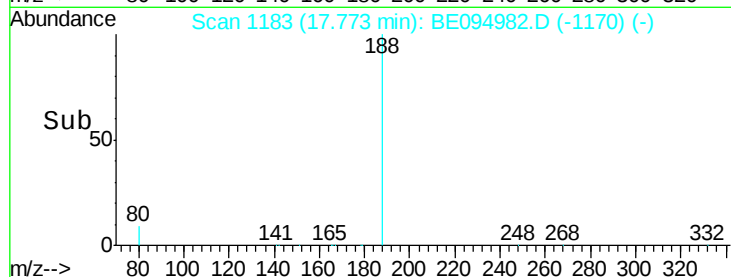
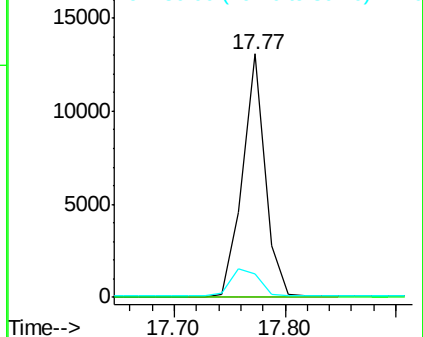
80 9.5 3.6 5.4#



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: 0.398 ng

RT: 16.97 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

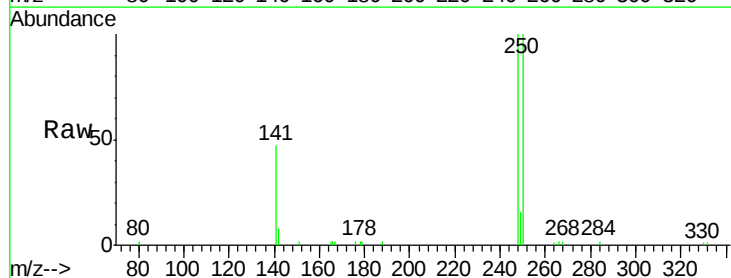
Tgt Ion:248 Resp: 4303

Ion Ratio Lower Upper

248 100

250 100.1 62.7 94.1#

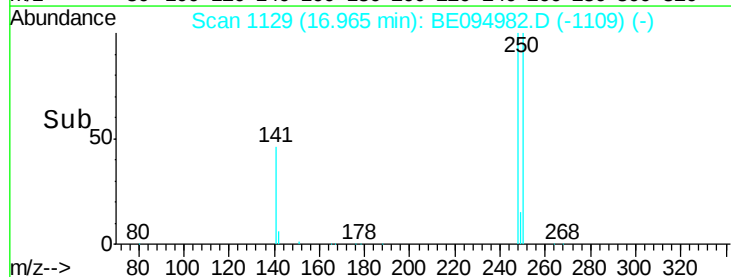
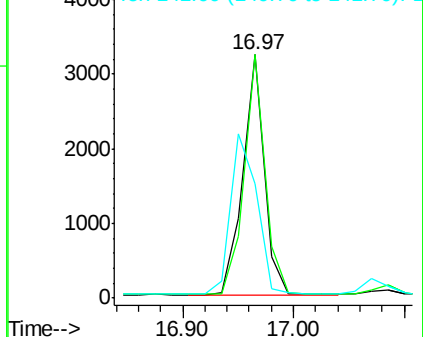
141 46.8 48.2 72.2#

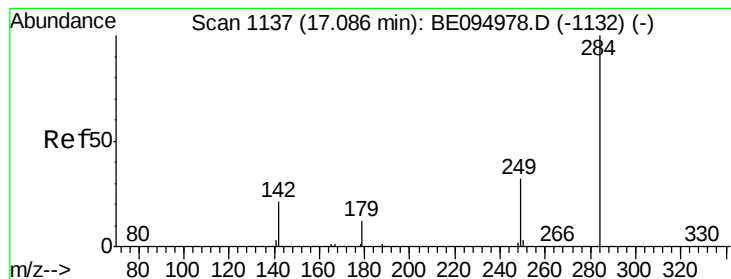


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.406 ng

RT: 17.08 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

Instrument :

BNA_E

ClientSampleId :

ICVBE121417

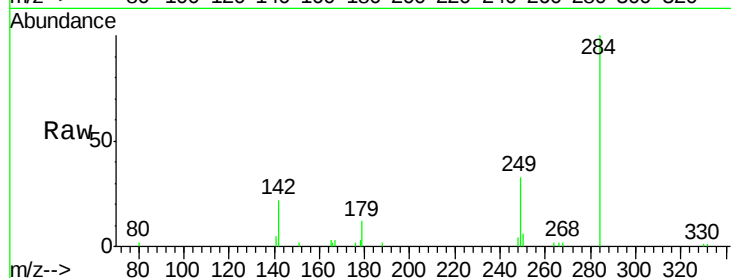
Tgt Ion:284 Resp: 4489

Ion Ratio Lower Upper

284 100

142 40.7 22.1 33.1#

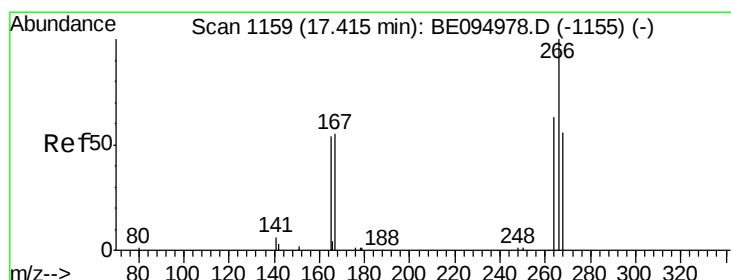
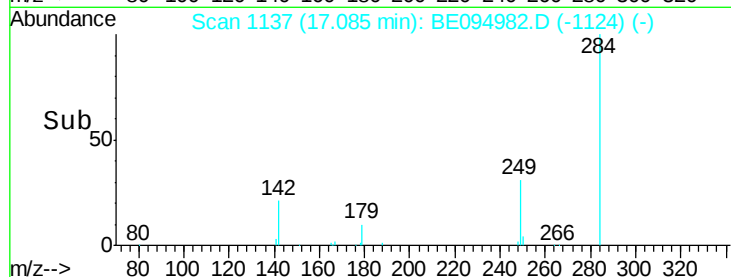
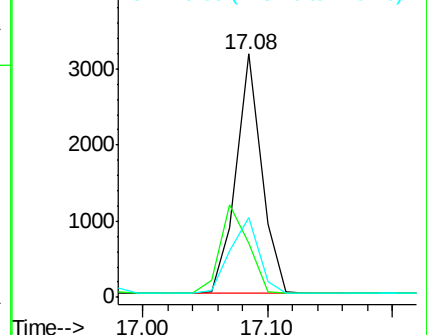
249 34.8 34.8 52.2#



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: 0.352 ng

RT: 17.41 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

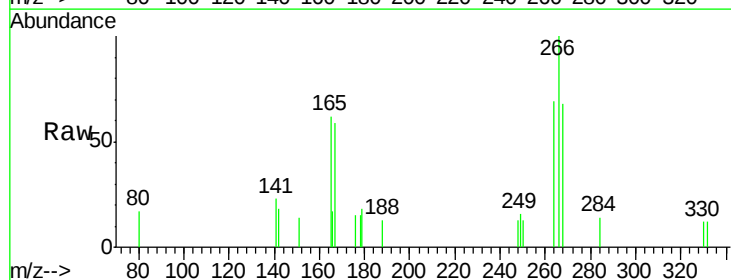
Tgt Ion:266 Resp: 747

Ion Ratio Lower Upper

266 100

264 69.2 72.5 108.7#

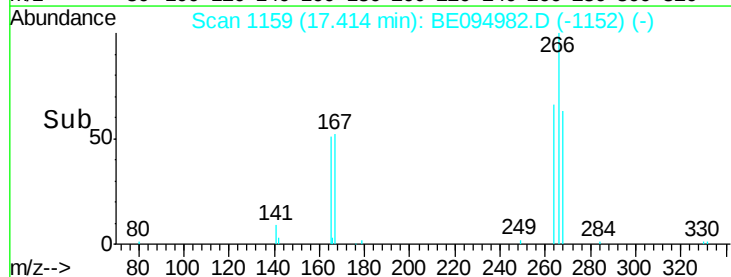
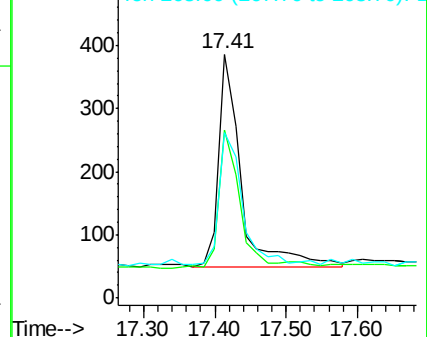
268 67.9 73.8 110.6#

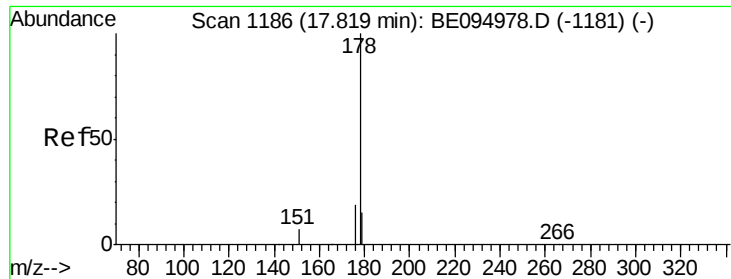


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.399 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

Instrument :

BNA_E

ClientSampleId :

ICVBE121417

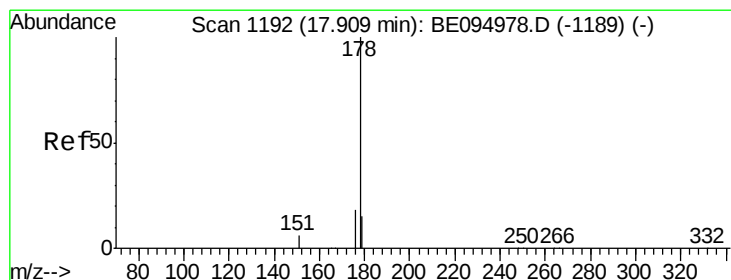
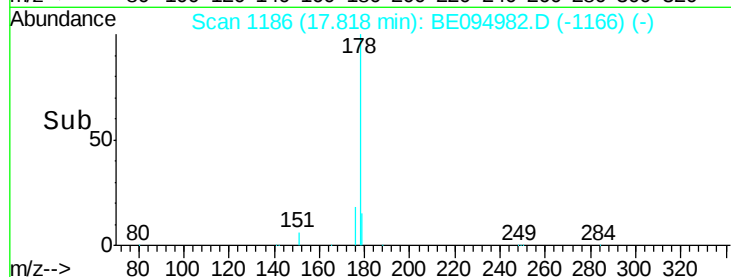
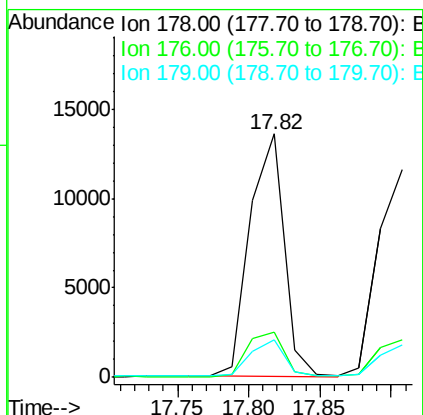
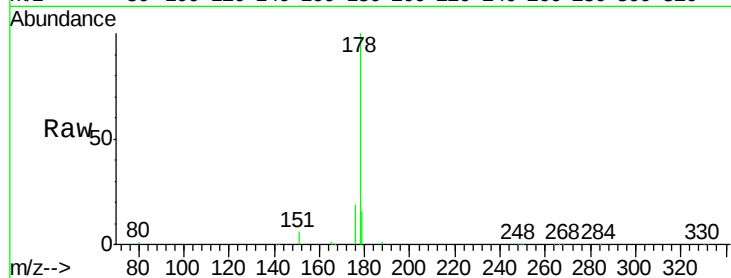
Tgt Ion:178 Resp: 22979

Ion Ratio Lower Upper

178 100

176 20.0 15.1 22.7

179 15.3 11.8 17.6



#24

Anthracene

Concen: 0.389 ng

RT: 17.91 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

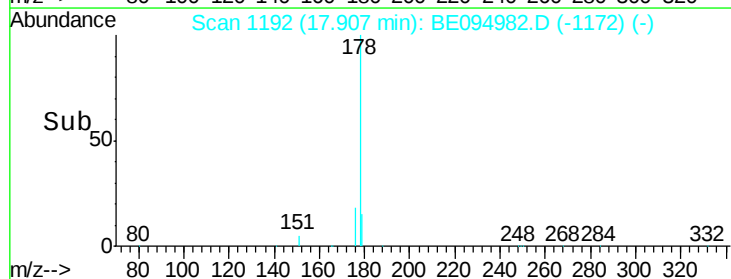
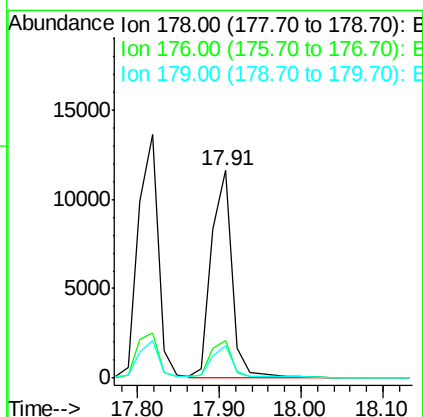
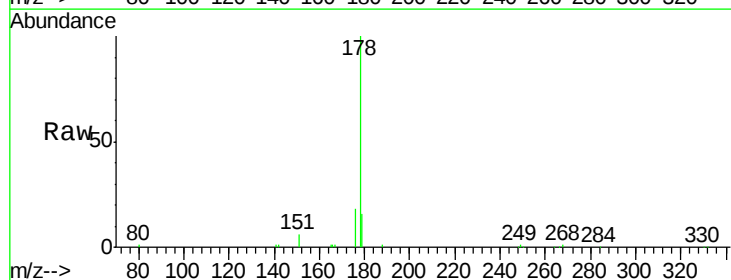
Tgt Ion:178 Resp: 23002

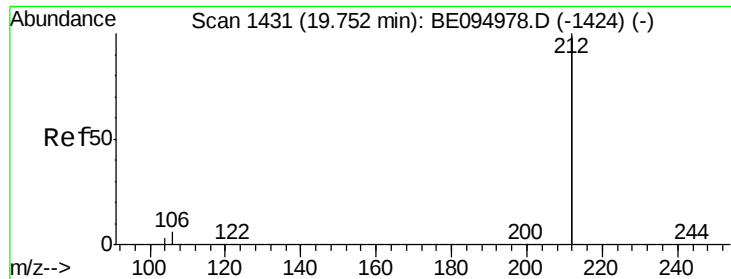
Ion Ratio Lower Upper

178 100

176 20.3 12.8 19.2#

179 17.6 13.0 19.6

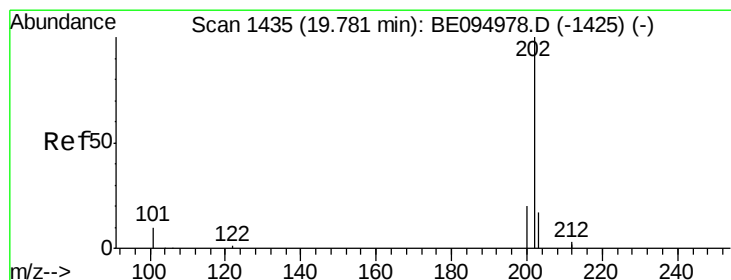
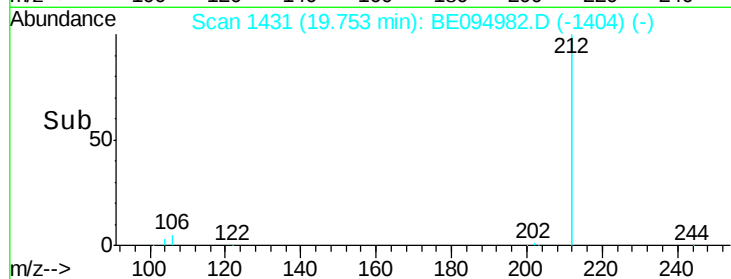
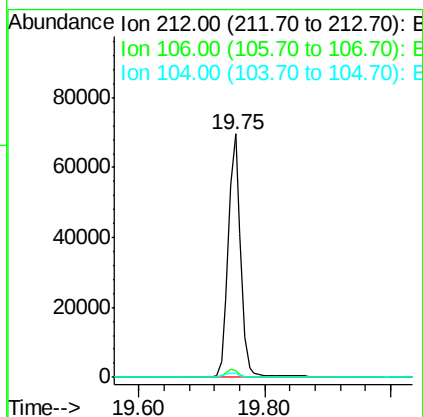
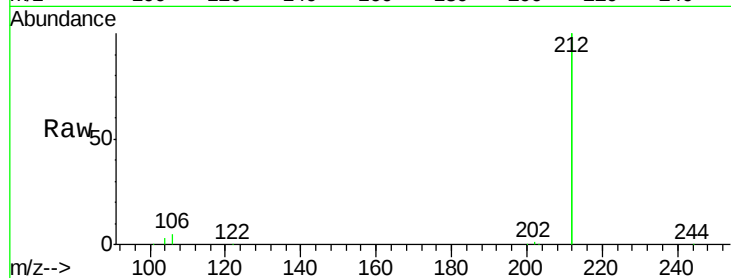




#25
 Fluoranthene-d10
 Concen: 0.387 ng
 RT: 19.75 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BE094982.D
 Acq: 14 Dec 2017 18:25

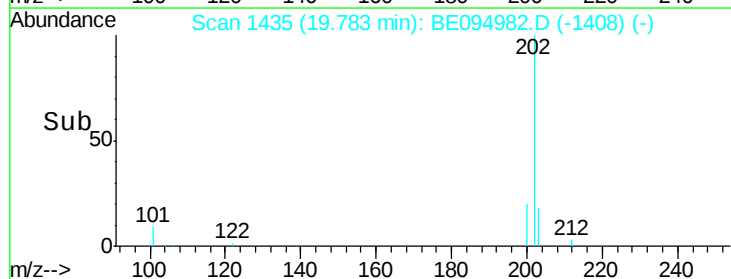
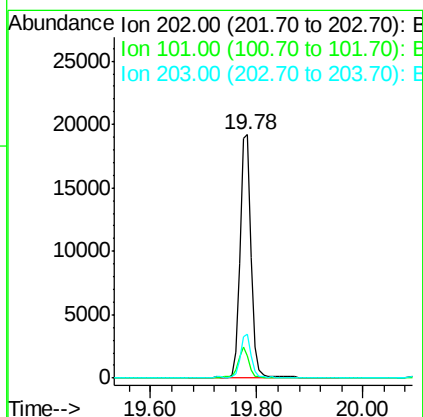
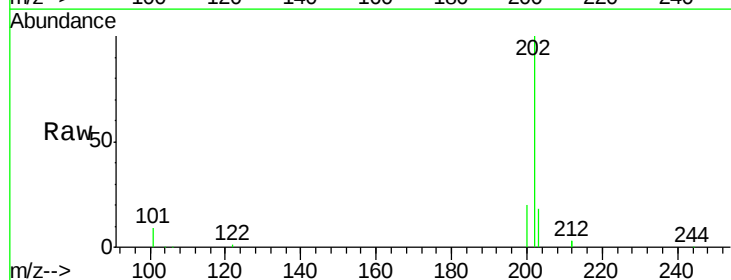
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE121417

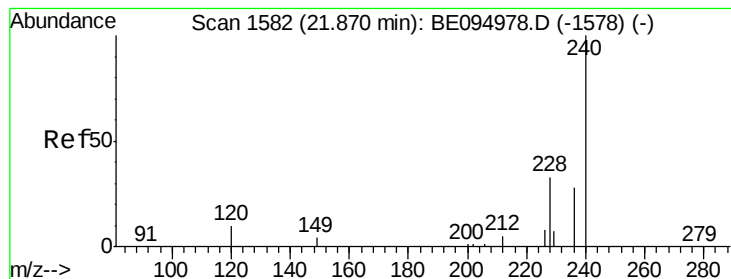
Tgt Ion: 212 Resp: 92810
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.9 1.6 2.4



#26
 Fluoranthene
 Concen: 0.391 ng
 RT: 19.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BE094982.D
 Acq: 14 Dec 2017 18:25

Tgt Ion: 202 Resp: 27775
 Ion Ratio Lower Upper
 202 100
 101 11.5 9.8 14.8
 203 17.2 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.87 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

Instrument :

BNA_E

ClientSampleId :

ICVBE121417

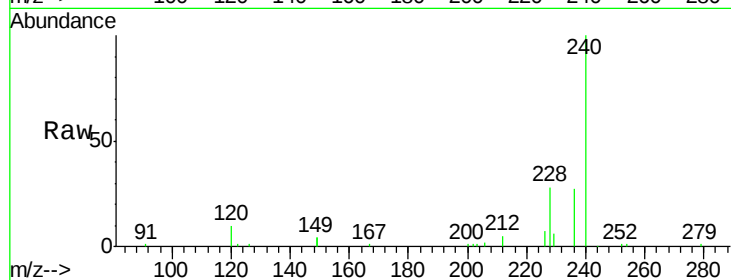
Tgt Ion:240 Resp: 20675

Ion Ratio Lower Upper

240 100

120 9.5 5.5 8.3#

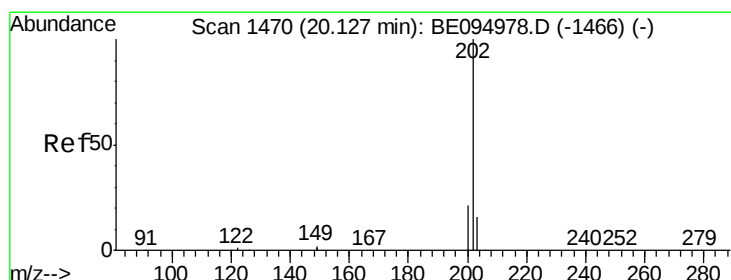
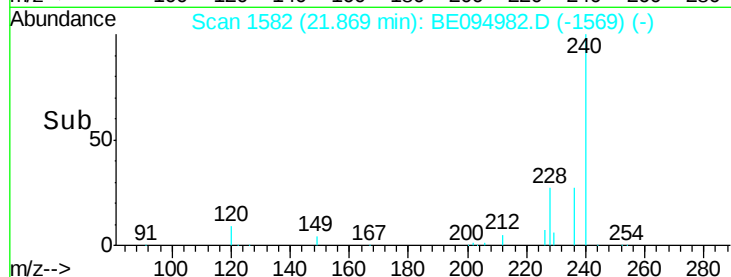
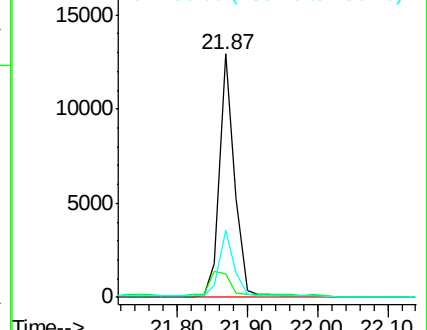
236 27.4 20.7 31.1



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: 0.392 ng

RT: 20.13 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

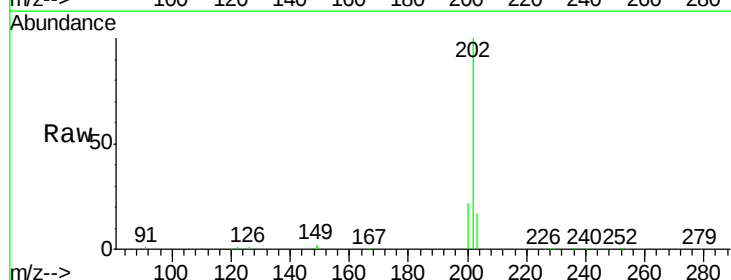
Tgt Ion:202 Resp: 27474

Ion Ratio Lower Upper

202 100

200 21.9 16.6 25.0

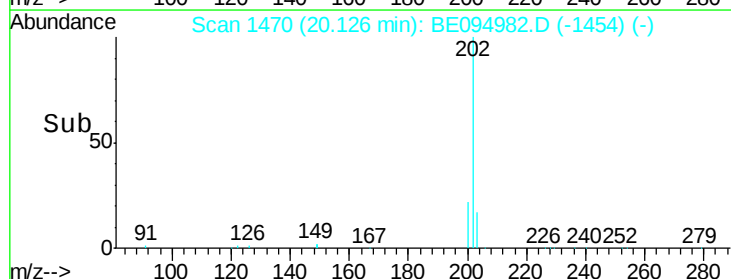
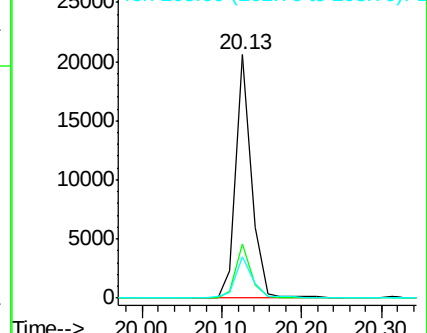
203 19.8 13.8 20.8

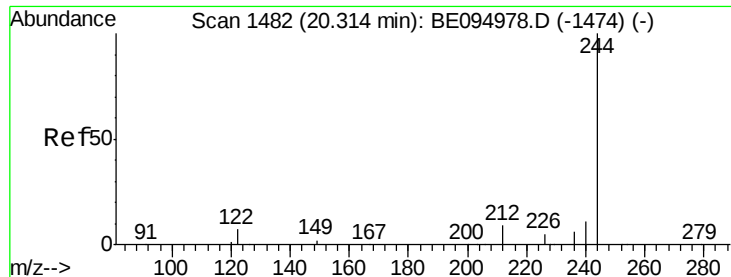


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

Instrument :

BNA_E

ClientSampleId :

ICVBE121417

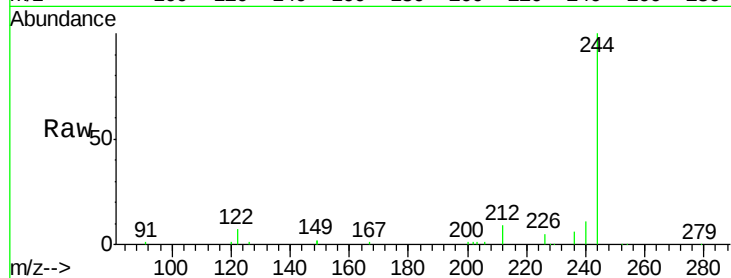
Tgt Ion:244 Resp: 15744

Ion Ratio Lower Upper

244 100

212 8.7 25.4 38.0#

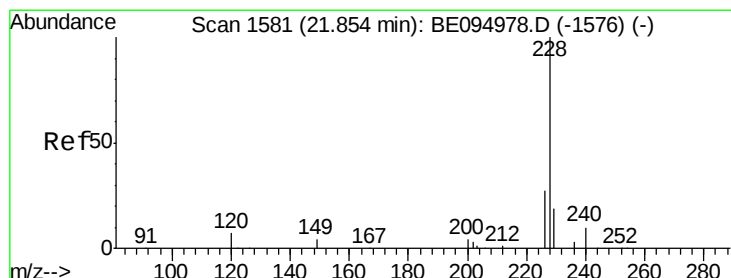
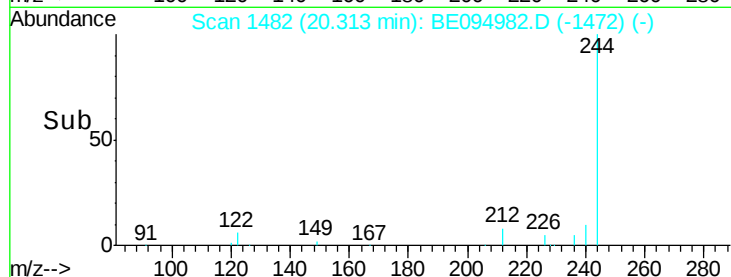
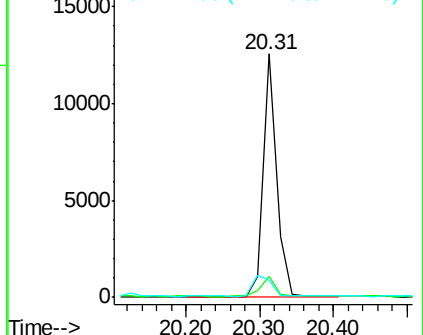
122 6.9 8.1 12.1#



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: 0.384 ng

RT: 21.85 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

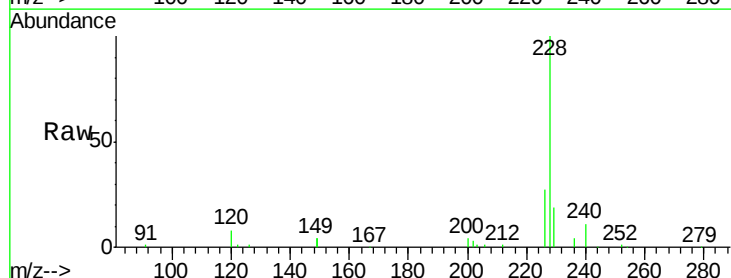
Tgt Ion:228 Resp: 23193

Ion Ratio Lower Upper

228 100

226 26.8 40.0 60.0#

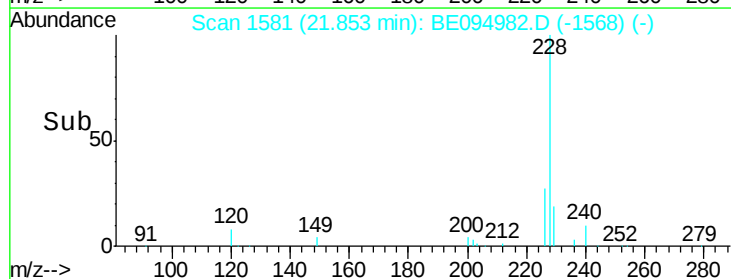
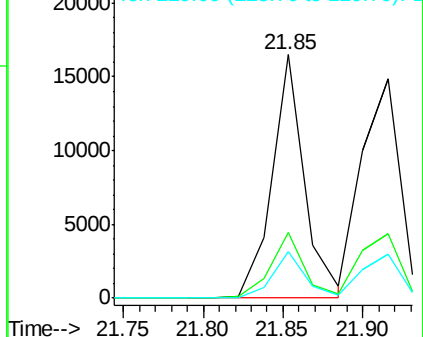
229 19.3 40.0 60.0#

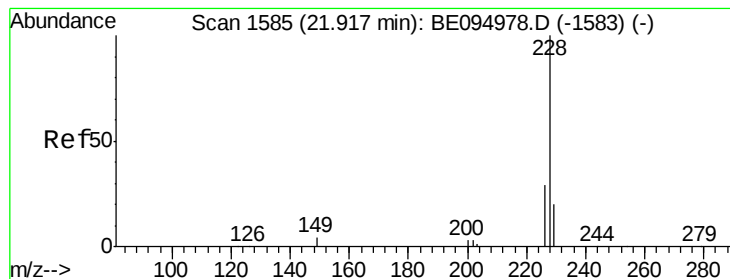


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.404 ng

RT: 21.92 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

Instrument :

BNA_E

ClientSampleId :

ICVBE121417

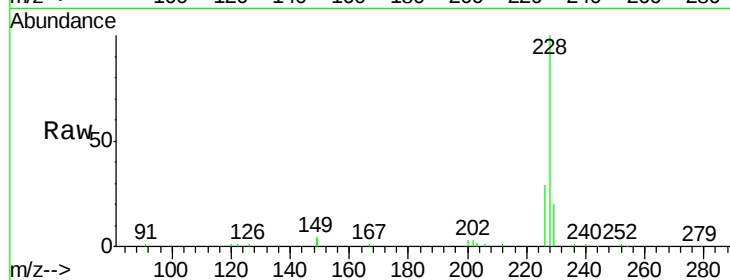
Tgt Ion:228 Resp: 27438

Ion Ratio Lower Upper

228 100

226 29.3 40.0 60.0#

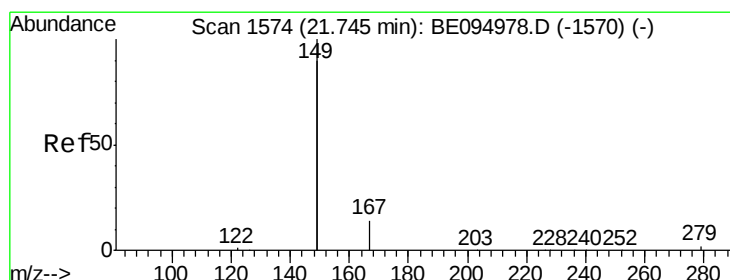
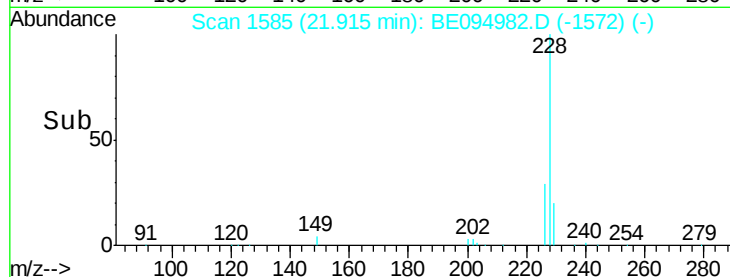
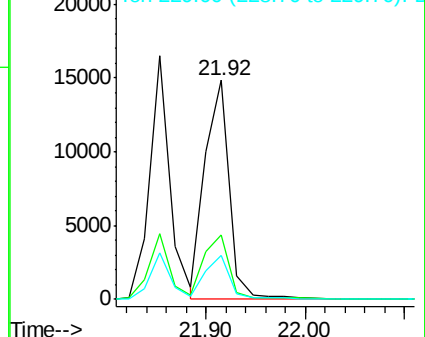
229 20.3 40.0 60.0#



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: 0.316 ng

RT: 21.74 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

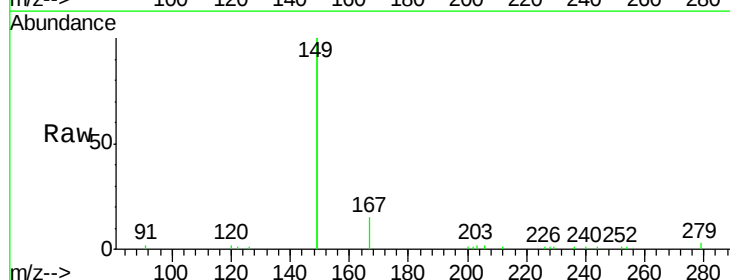
Tgt Ion:149 Resp: 24340

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

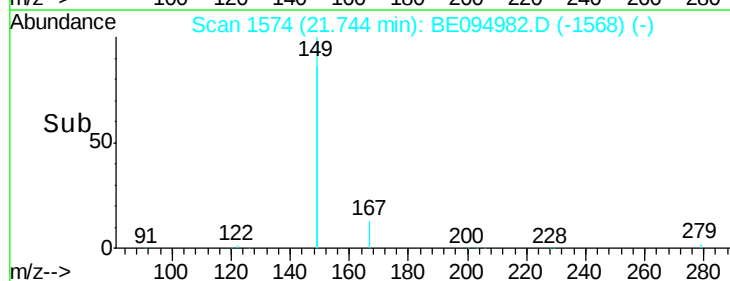
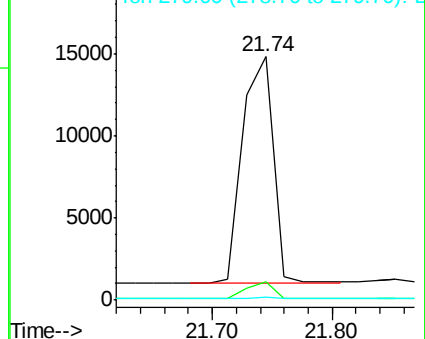
279 0.9 0.7 1.1

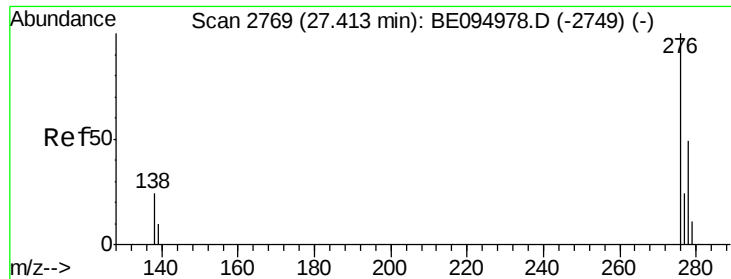


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.375 ng

RT: 27.41 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

Instrument :

BNA_E

ClientSampleId :

ICVBE121417

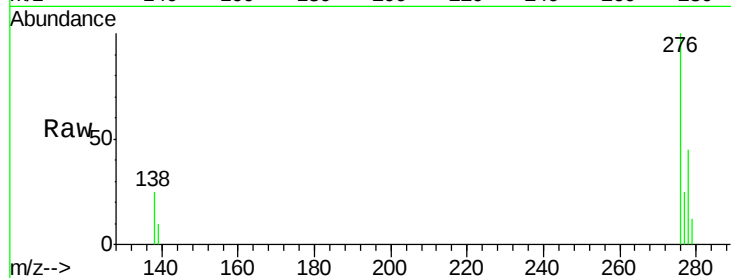
Tgt Ion:276 Resp: 20756

Ion Ratio Lower Upper

276 100

138 26.4 22.5 33.7

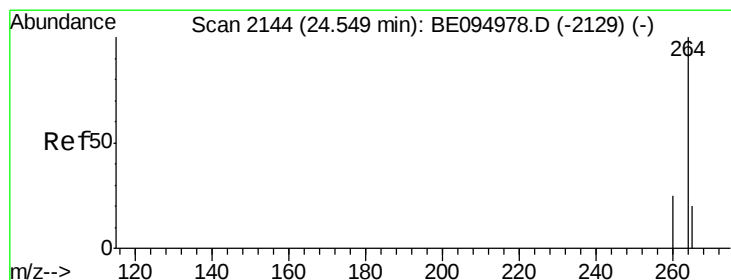
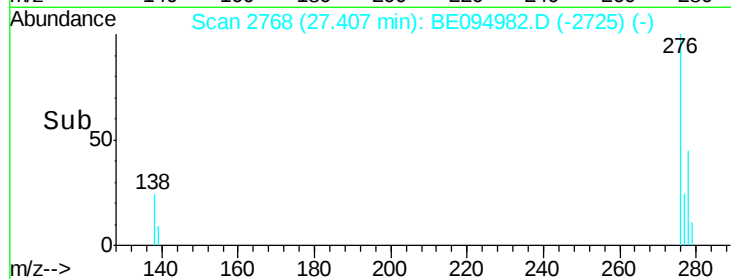
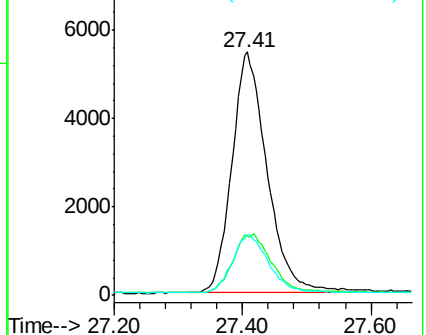
277 25.0 19.9 29.9



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: 24.55 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

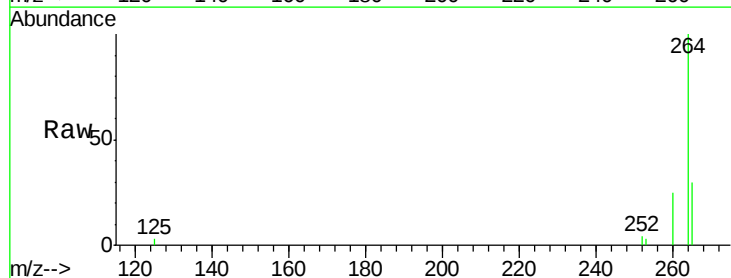
Tgt Ion:264 Resp: 15187

Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

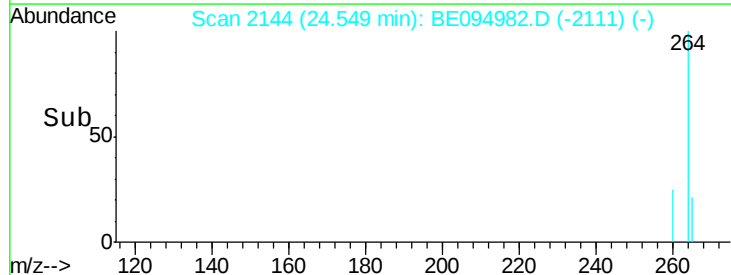
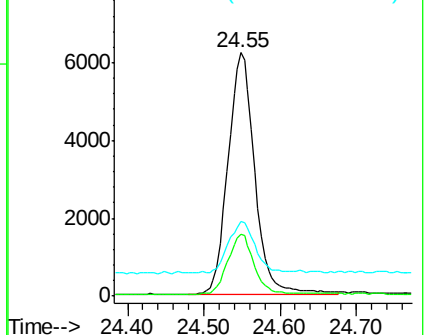
265 30.5 22.8 34.2

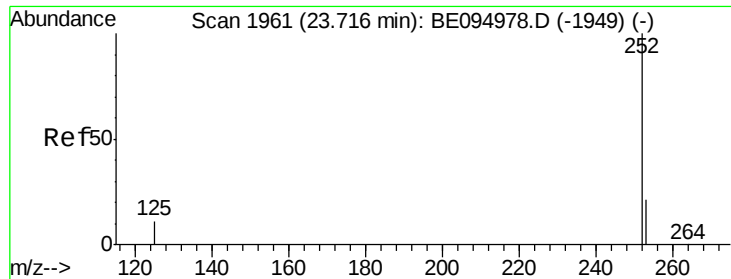


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.386 ng

RT: 23.72 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

Instrument :

BNA_E

ClientSampleId :

ICVBE121417

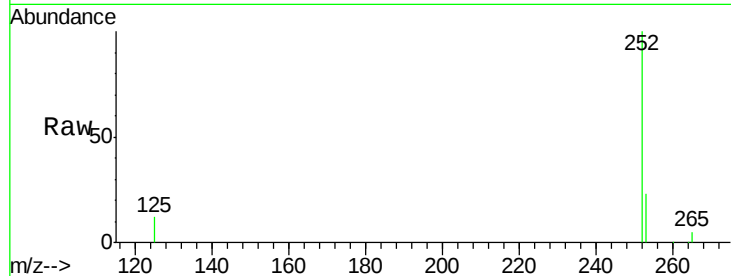
Tgt Ion:252 Resp: 21546

Ion Ratio Lower Upper

252 100

253 22.6 20.0 30.0

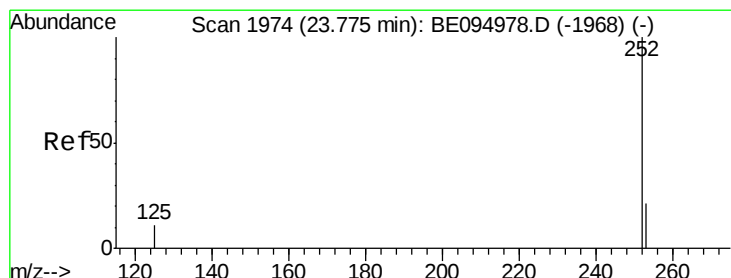
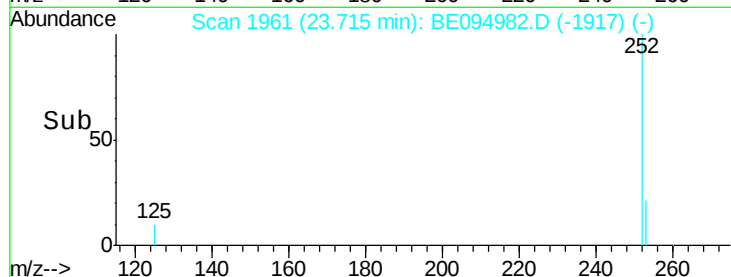
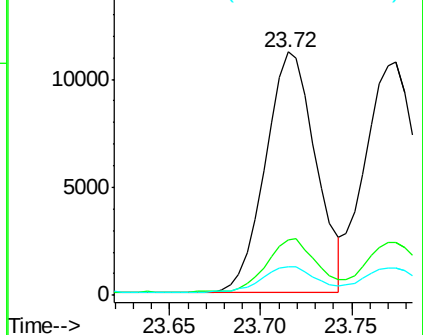
125 11.5 16.0 24.0#



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: 0.395 ng

RT: 23.77 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

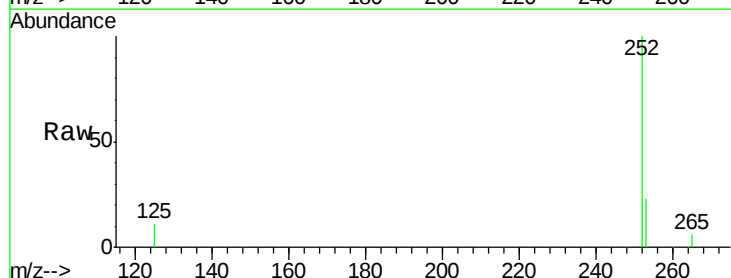
Tgt Ion:252 Resp: 22321

Ion Ratio Lower Upper

252 100

253 22.8 16.0 24.0

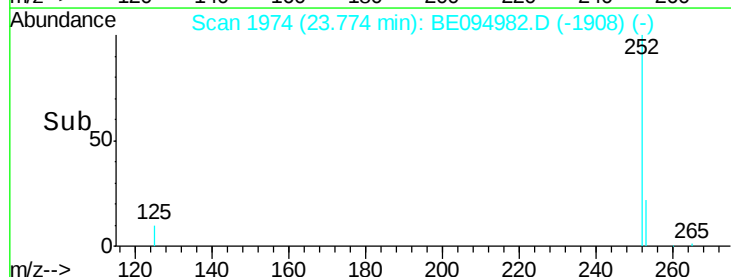
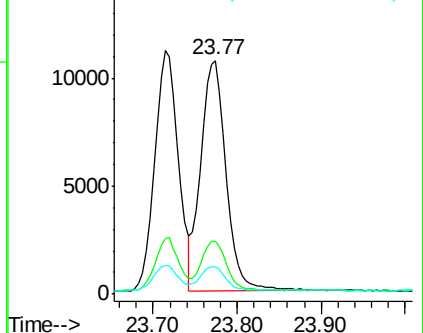
125 11.5 8.0 12.0

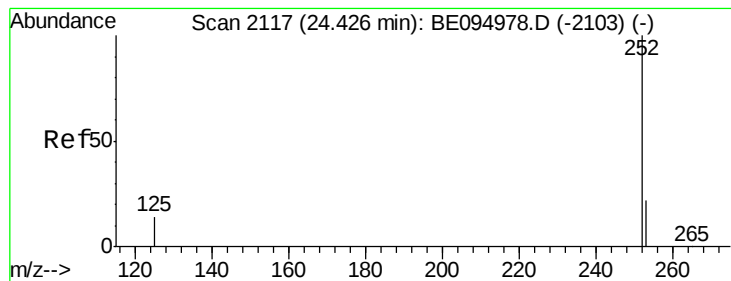


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.375 ng

RT: 24.43 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

Instrument :

BNA_E

ClientSampleId :

ICVBE121417

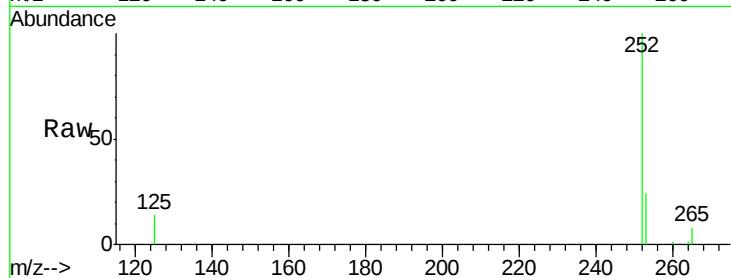
Tgt Ion:252 Resp: 18573

Ion Ratio Lower Upper

252 100

253 23.8 16.0 24.0

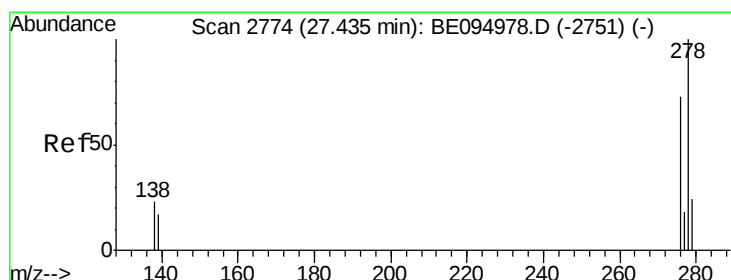
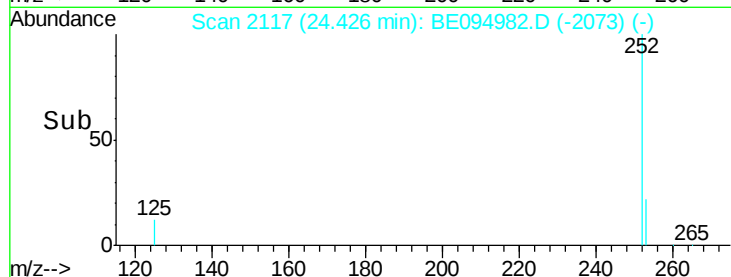
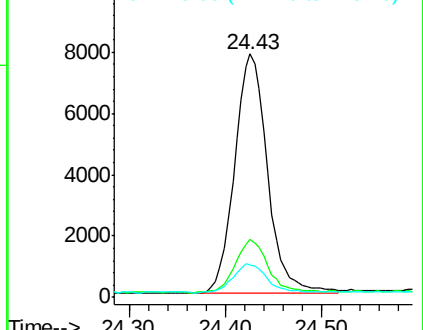
125 13.5 12.0 18.0



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: 0.380 ng

RT: 27.43 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BE094982.D

Acq: 14 Dec 2017 18:25

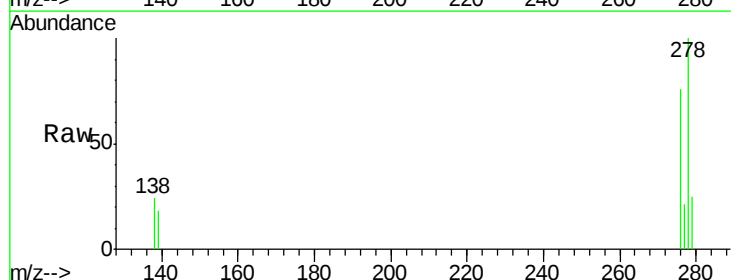
Tgt Ion:278 Resp: 17455

Ion Ratio Lower Upper

278 100

139 18.0 16.0 24.0

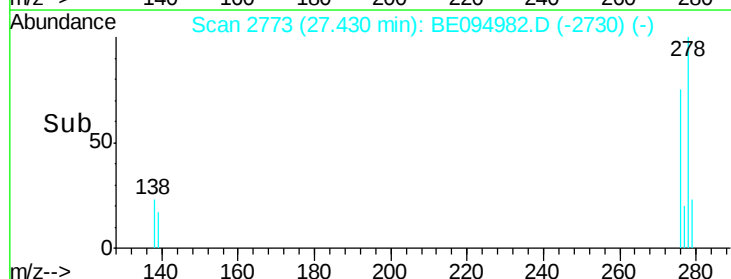
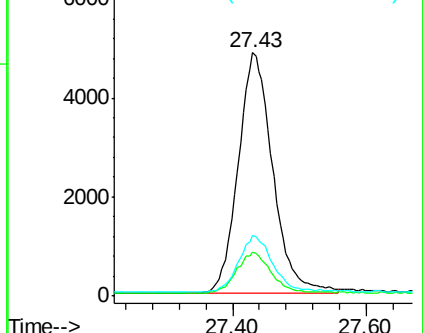
279 24.8 20.0 30.0

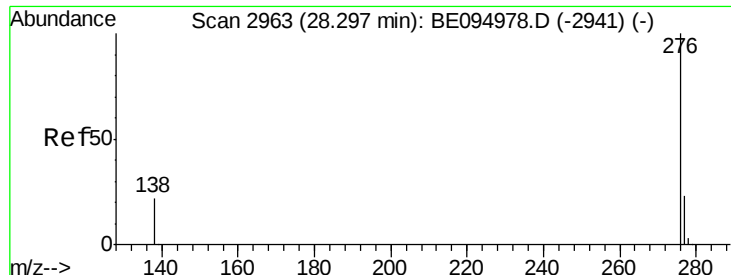


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.396 ng

RT: 28.29 min Scan# 2962

Delta R.T. -0.01 min

Lab File: BE094982.D

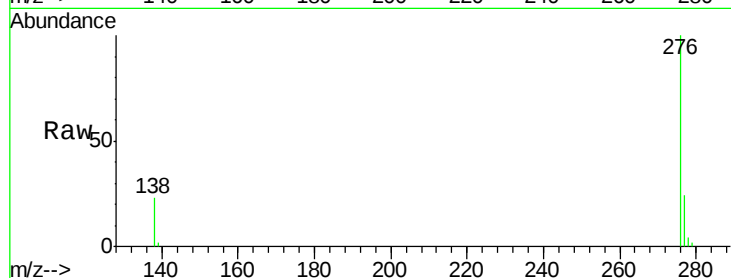
Acq: 14 Dec 2017 18:25

Instrument :

BNA_E

ClientSampleId :

ICVBE121417



Tgt Ion: 276 Resp: 18109

Ion Ratio Lower Upper

276 100

277 24.3 16.0 24.0#

138 22.9 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

