

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122617\
 Data File : BE095049.D
 Acq On : 26 Dec 2017 11:04
 Operator : SJ/JU
 Sample : PB105315BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB105315BSD

Quant Time: Dec 26 12:22:23 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 11:07:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	7263	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	15483	0.40	ng	-0.02
13) Acenaphthene-d10	15.05	164	7543	0.40	ng	-0.02
19) Phenanthrene-d10	17.74	188	16590	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	17873	0.40	ng	-0.03
34) Perylene-d12	24.49	264	14656	0.40	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.94	112	4259	0.38	ng	-0.01
5) Phenol-d6	7.58	99	5877	0.35	ng	-0.01
8) Nitrobenzene-d5	9.63	82	5625	0.44	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	9964	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	581	0.33	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	15533	0.46	ng	-0.02
25) Fluoranthene-d10	19.72	212	84440	0.39	ng	-0.03
29) Terphenyl-d14	20.28	244	17275	0.51	ng	-0.03

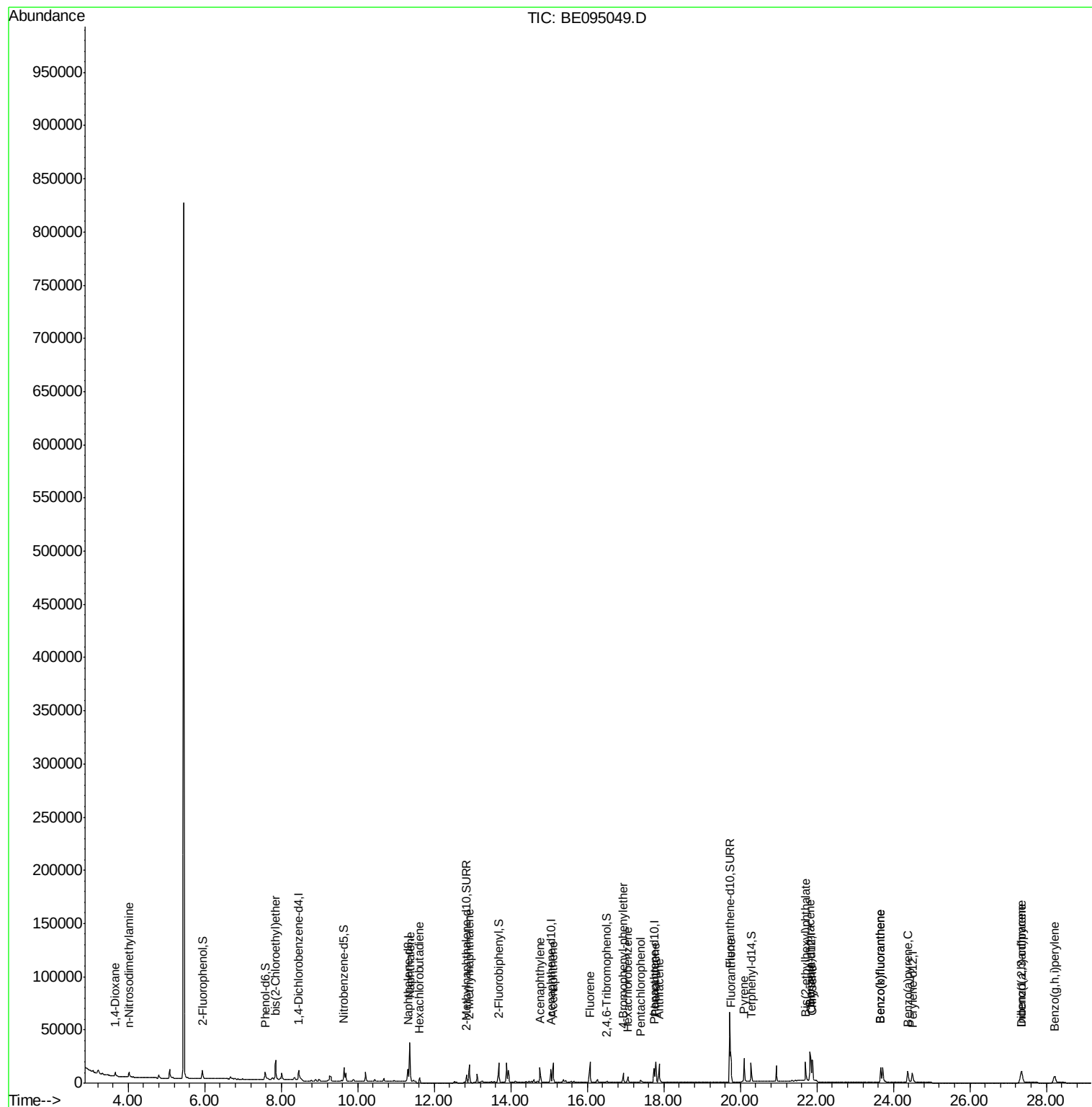
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	2429	0.339	ng	# 74
3) n-Nitrosodimethylamine	4.02	42	3244	0.383	ng	93
6) bis(2-Chloroethyl)ether	7.86	93	6315	0.386	ng	95
9) Naphthalene	11.36	128	70694	0.389	ng	99
10) Hexachlorobutadiene	11.61	225	3237	0.392	ng	98
12) 2-Methylnaphthalene	12.91	142	15946	0.352	ng	97
16) Acenaphthylene	14.76	152	14759	0.366	ng	100
17) Acenaphthene	15.10	154	9980	0.373	ng	97
18) Fluorene	16.07	166	12498	0.376	ng	# 79
20) 4-Bromophenyl-phenylether	16.94	248	3903	0.402	ng	86
21) Hexachlorobenzene	17.06	284	3876	0.390	ng	# 82
22) Pentachlorophenol	17.40	266	1315	0.614	ng	# 73
23) Phenanthrene	17.79	178	20077	0.388	ng	98
24) Anthracene	17.88	178	20465	0.386	ng	# 92
26) Fluoranthene	19.75	202	24681	0.387	ng	98
28) Pyrene	20.10	202	25794	0.426	ng	94
30) Benzo(a)anthracene	21.82	228	22191	0.425	ng	# 62
31) Chrysene	21.89	228	25444	0.433	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.70	149	21850	0.328	ng	# 100
33) Indeno(1,2,3-cd)pyrene	27.33	276	19139	0.400	ng	96
35) Benzo(b)fluoranthene	23.67	252	20536	0.382	ng	# 90
36) Benzo(k)fluoranthene	23.67	252	20536	0.377	ng	94
37) Benzo(a)pyrene	24.38	252	18374	0.385	ng	94
38) Dibenzo(a,h)anthracene	27.36	278	14965	0.338	ng	98
39) Benzo(g,h,i)perylene	28.21	276	17348	0.393	ng	93

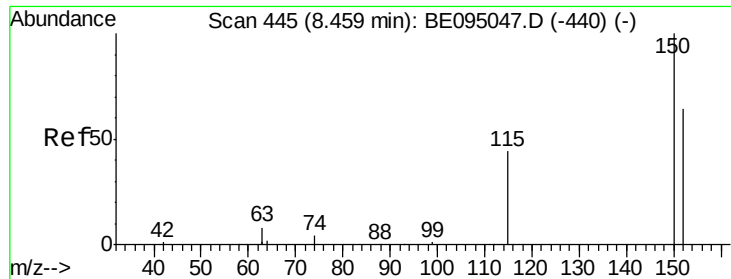
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122617\
Data File : BE095049.D
Acq On : 26 Dec 2017 11:04
Operator : SJ/JU
Sample : PB105315BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB105315BSD

Quant Time: Dec 26 12:22:23 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 11:07:17 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: BE095049.D

Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD

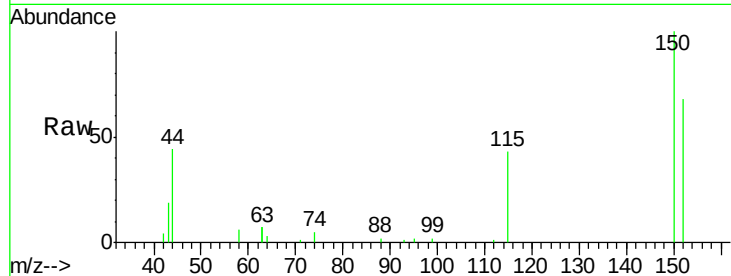
Tgt Ion:152 Resp: 7263

Ion Ratio Lower Upper

152 100

150 147.1 117.2 175.8

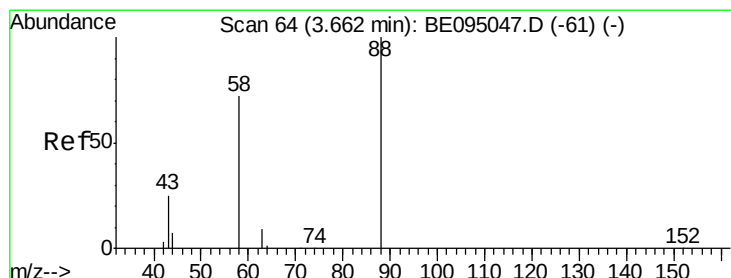
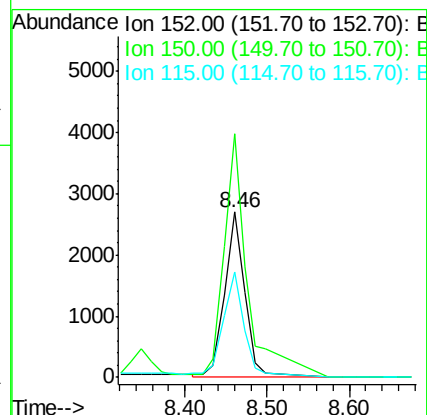
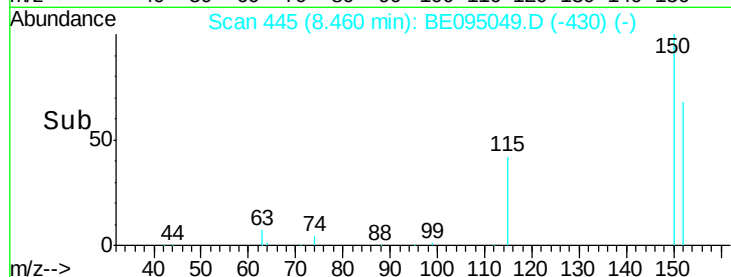
115 63.9 57.0 85.6



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: 0.339 ng

RT: 3.66 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

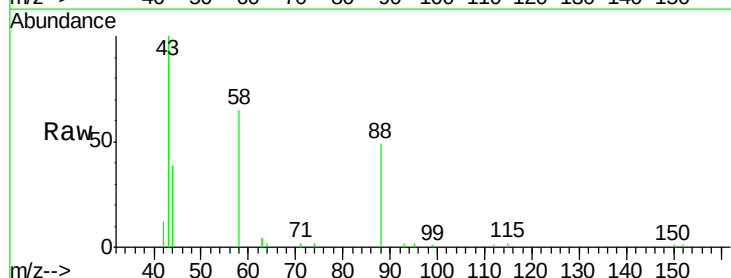
Tgt Ion: 88 Resp: 2429

Ion Ratio Lower Upper

88 100

58 96.4 63.2 94.8#

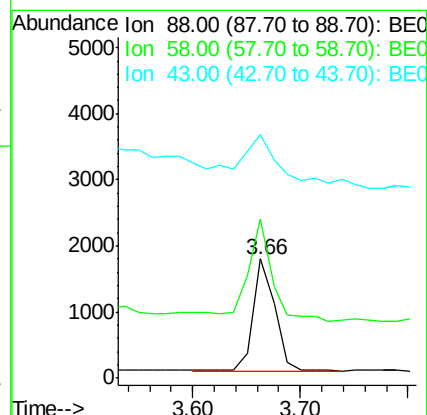
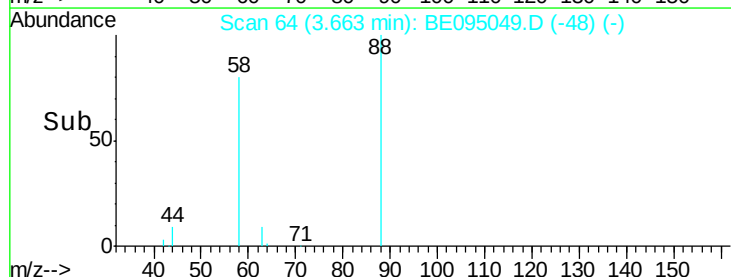
43 77.1 41.2 61.8#

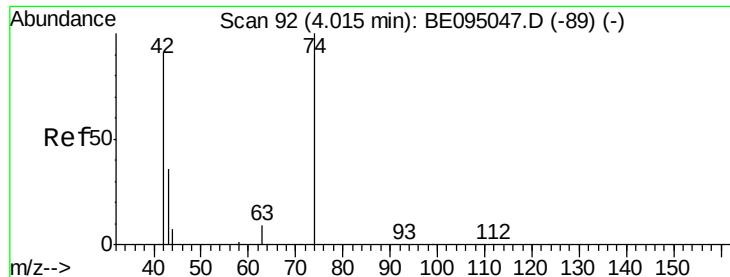


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.383 ng

RT: 4.02 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD

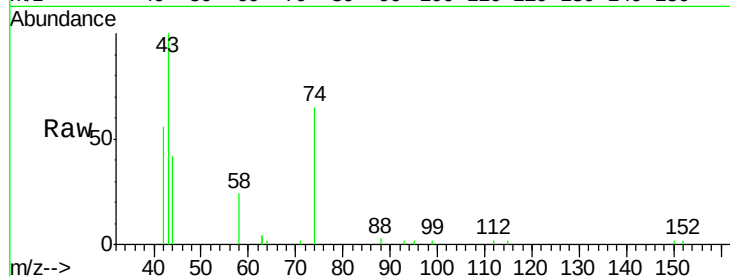
Tgt Ion: 42 Resp: 3244

Ion Ratio Lower Upper

42 100

74 110.9 96.0 144.0

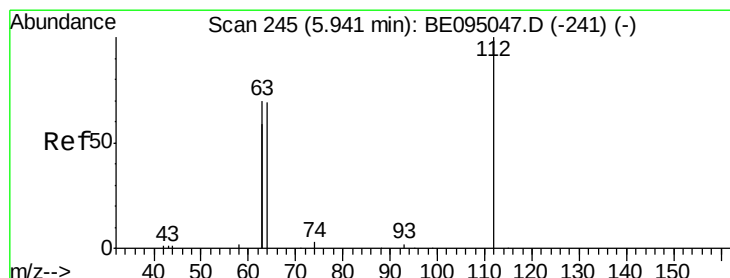
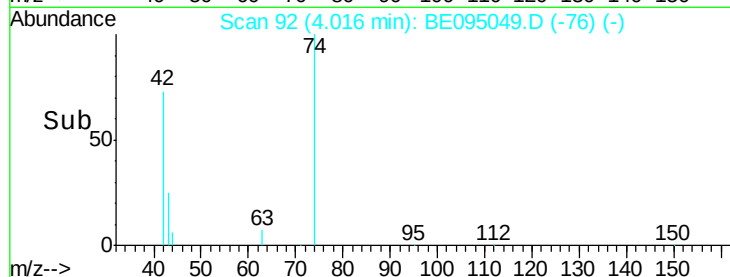
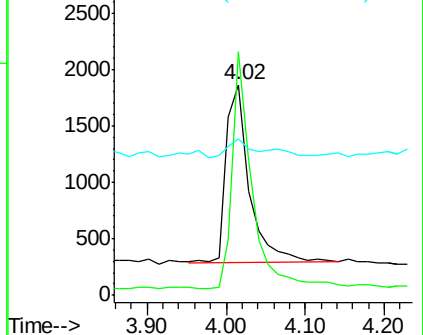
44 15.0 12.0 18.0



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: 0.378 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

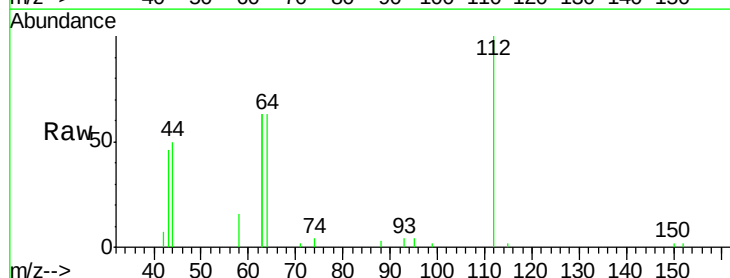
Tgt Ion: 112 Resp: 4259

Ion Ratio Lower Upper

112 100

64 73.9 60.1 90.1

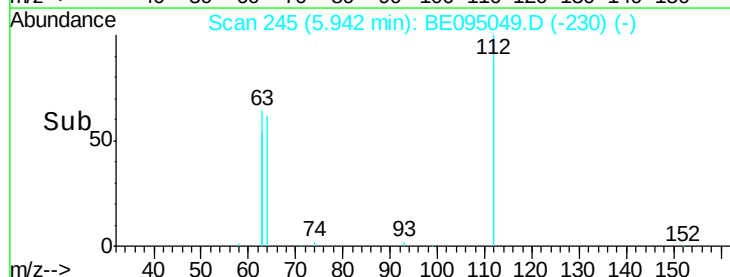
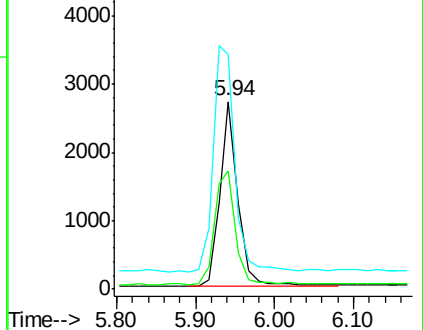
63 149.1 116.8 175.2

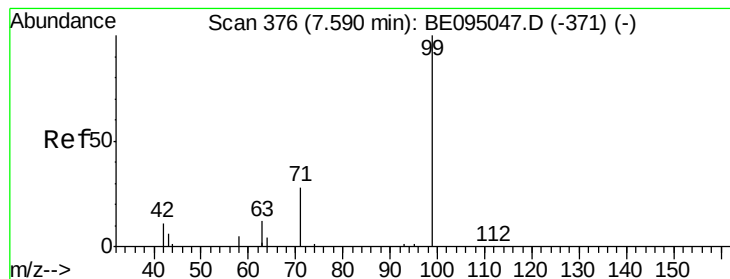


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.351 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD

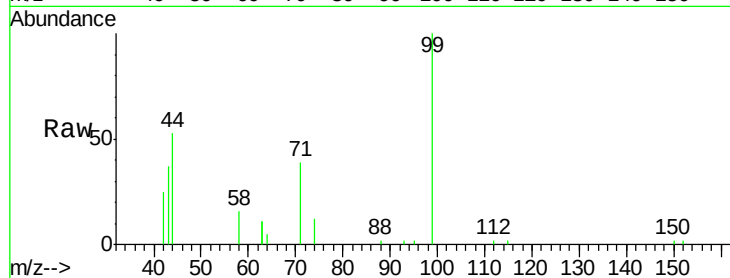
Tgt Ion: 99 Resp: 5877

Ion Ratio Lower Upper

99 100

42 25.4 20.2 30.2

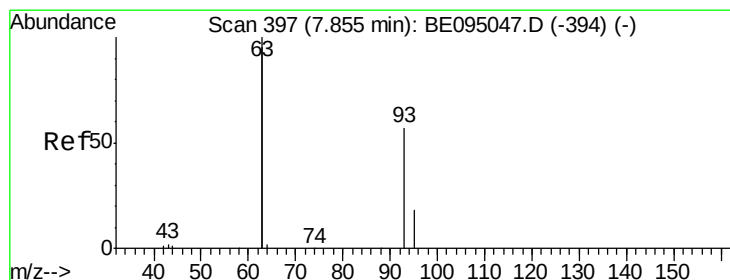
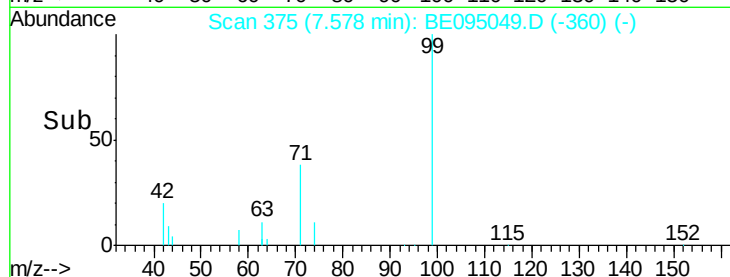
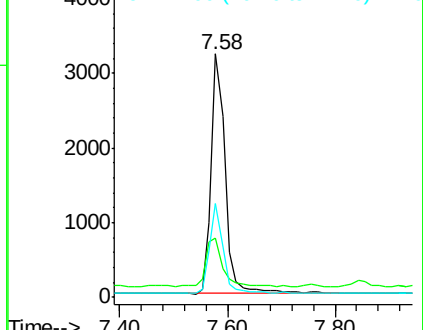
71 35.4 28.4 42.6



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: 0.386 ng

RT: 7.86 min Scan# 397

Delta R.T. -0.01 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

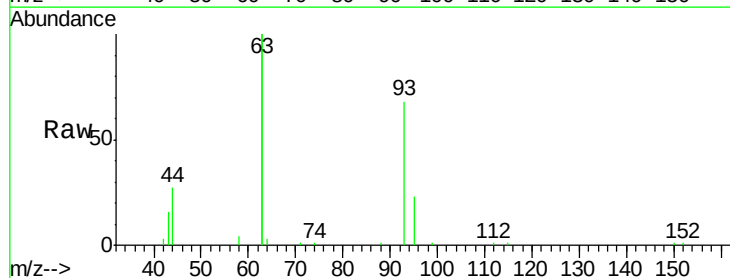
Tgt Ion: 93 Resp: 6315

Ion Ratio Lower Upper

93 100

63 332.8 275.3 412.9

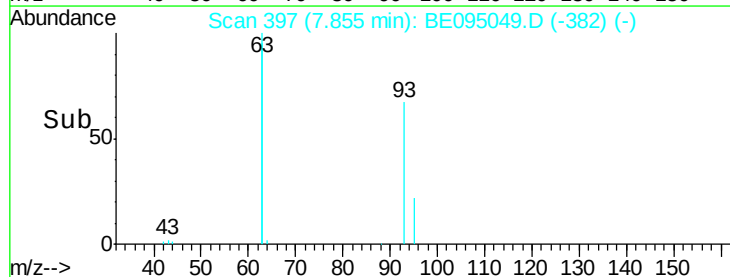
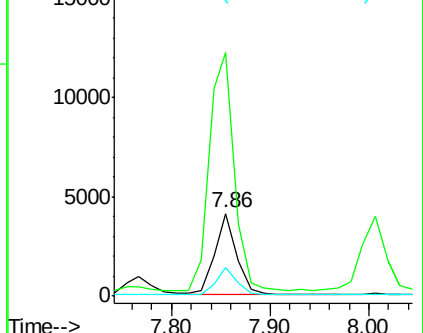
95 32.0 25.2 37.8

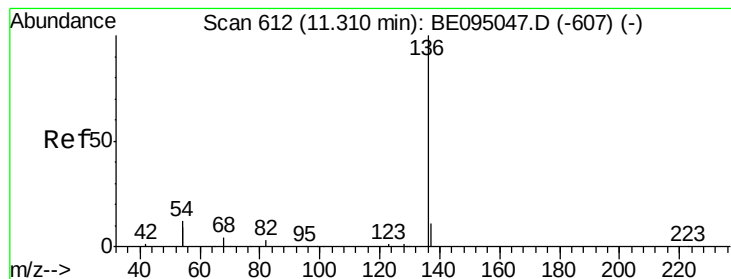


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE095049.D

Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD

Tgt Ion:136 Resp: 15483

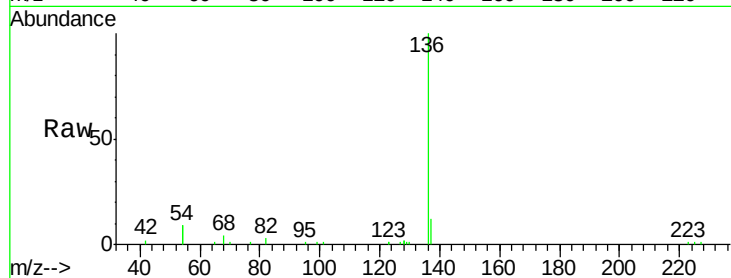
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 18.9 29.1 43.7#

68 4.1 6.2 9.2#

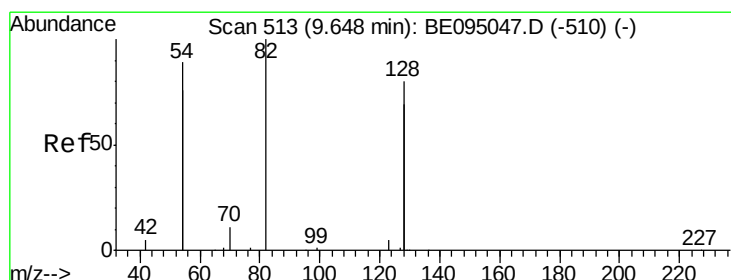
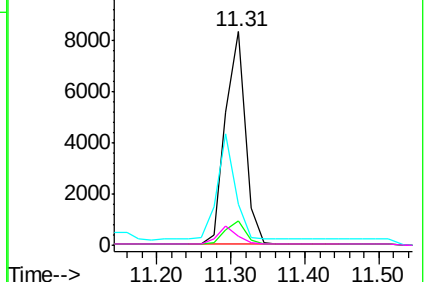
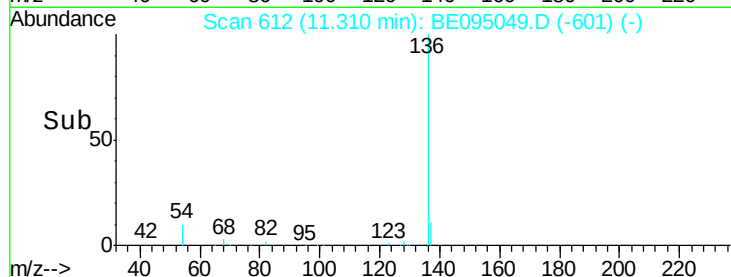


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.443 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

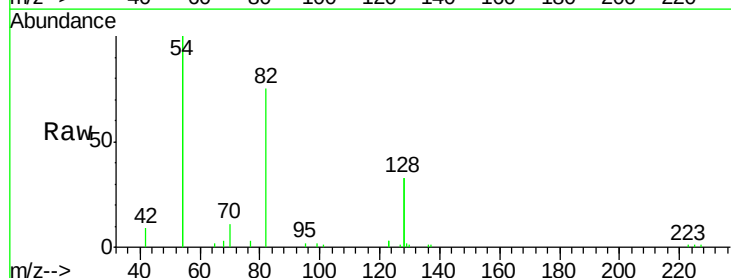
Tgt Ion: 82 Resp: 5625

Ion Ratio Lower Upper

82 100

128 89.0 150.0 225.0#

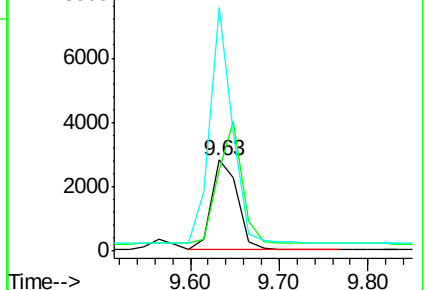
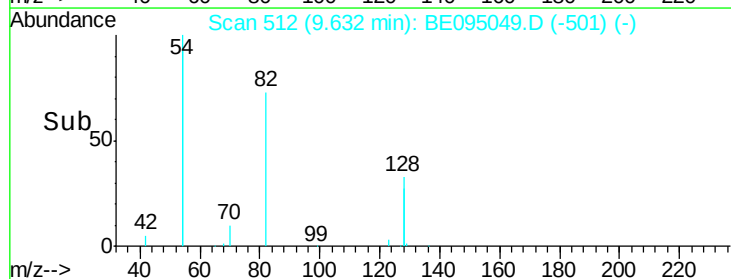
54 268.0 154.2 231.4#

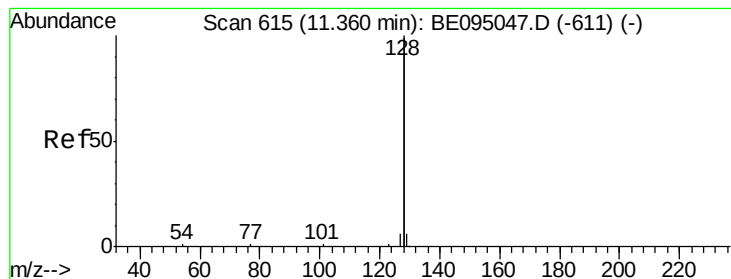


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.389 ng

RT: 11.36 min Scan# 615

Delta R.T. -0.02 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD

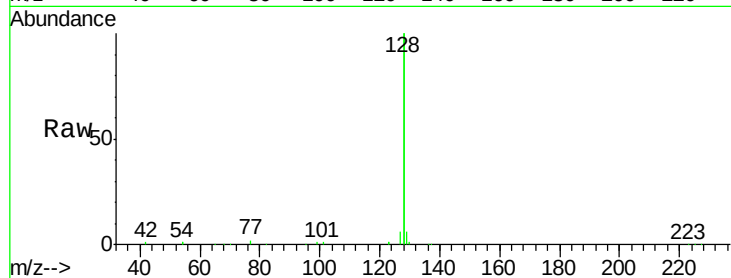
Tgt Ion:128 Resp: 70694

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

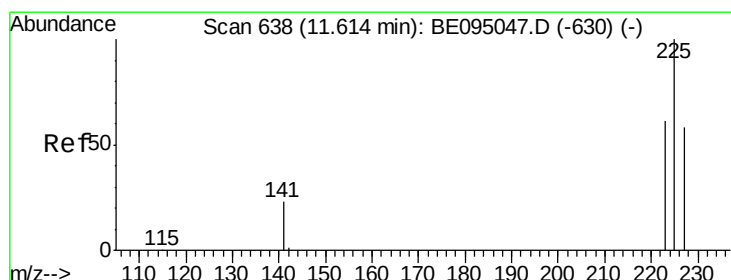
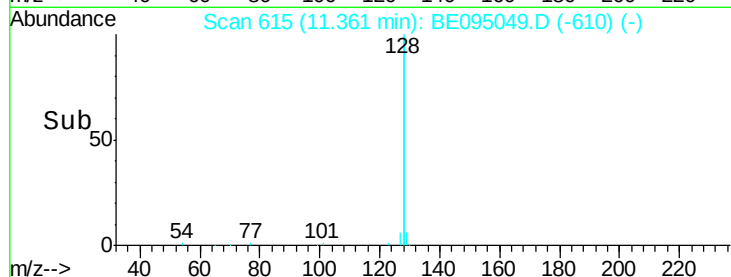
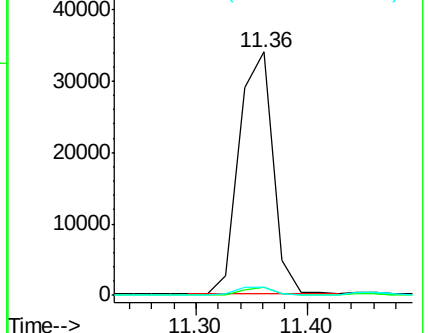
127 3.1 2.8 4.2



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: 0.392 ng

RT: 11.61 min Scan# 638

Delta R.T. -0.02 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

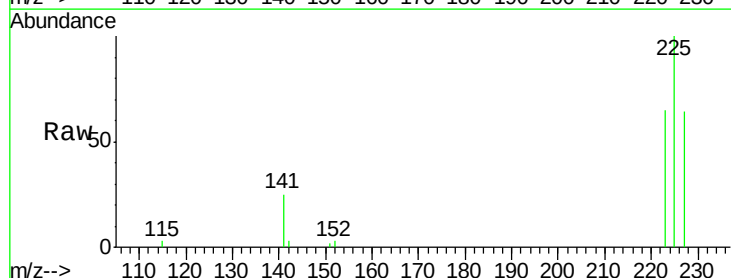
Tgt Ion:225 Resp: 3237

Ion Ratio Lower Upper

225 100

223 63.8 53.0 79.6

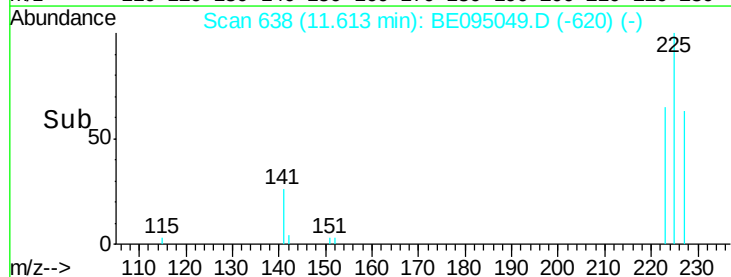
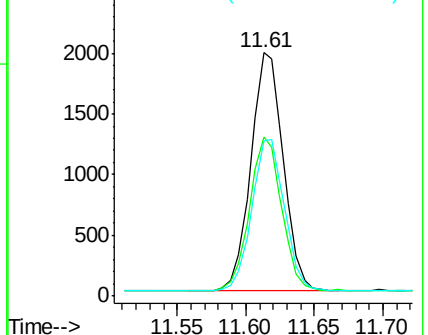
227 64.3 51.4 77.2

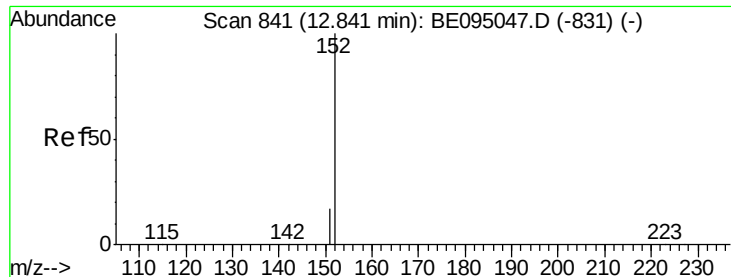


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

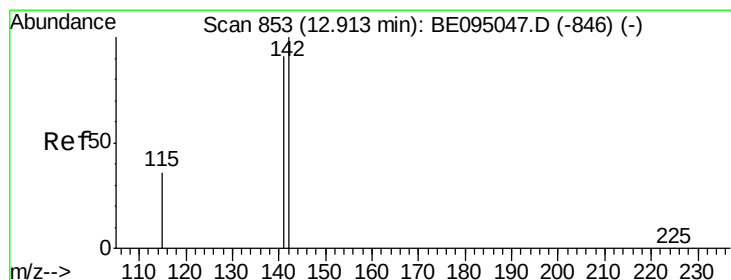
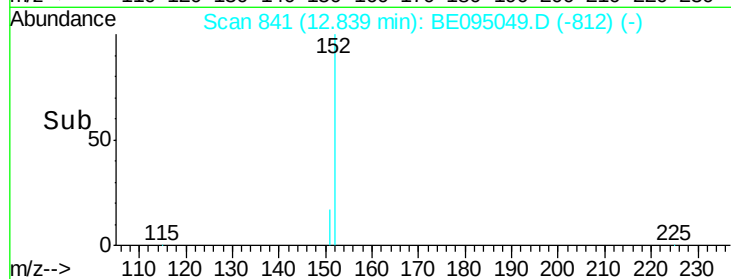
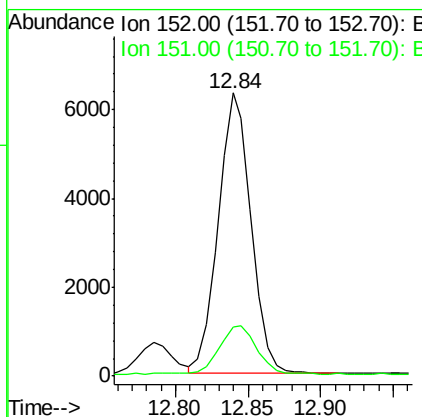
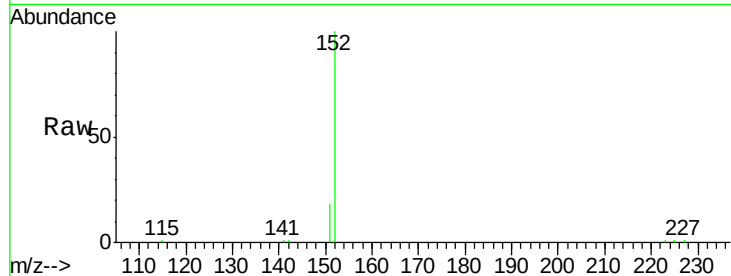




#11
 2-Methylnaphthalene-d10
 Concen: 0.393 ng
 RT: 12.84 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BE095049.D
 Acq: 26 Dec 2017 11:04

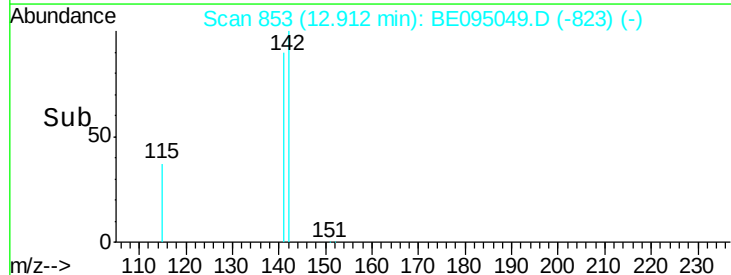
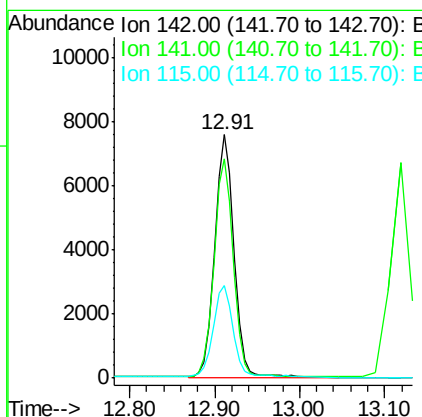
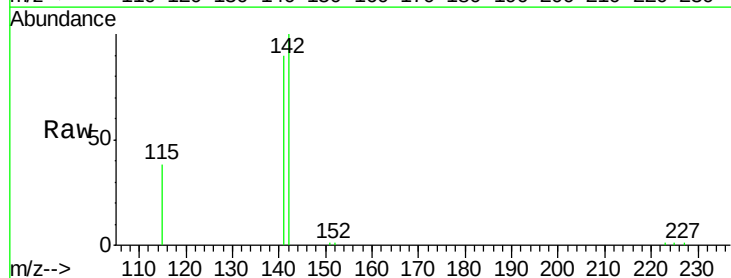
Instrument :
 BNA_E
 ClientSampleId :
 PB105315BSD

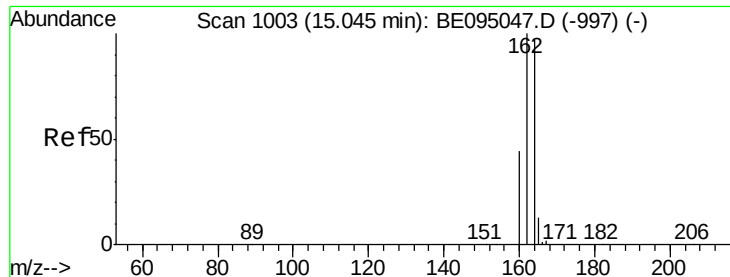
Tgt Ion:152 Resp: 9964
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.352 ng
 RT: 12.91 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BE095049.D
 Acq: 26 Dec 2017 11:04

Tgt Ion:142 Resp: 15946
 Ion Ratio Lower Upper
 142 100
 141 90.3 70.4 105.6
 115 37.8 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.05 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD

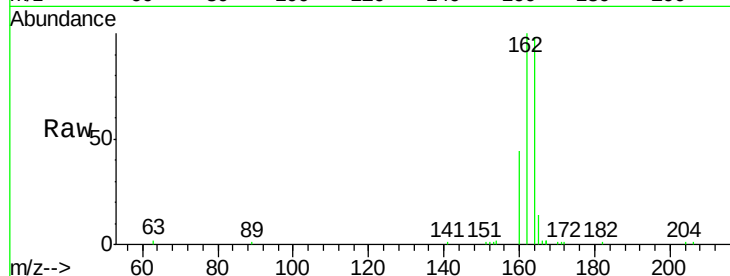
Tgt Ion:164 Resp: 7543

Ion Ratio Lower Upper

164 100

162 101.8 83.1 124.7

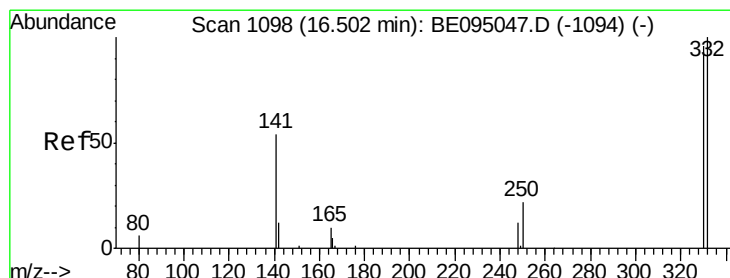
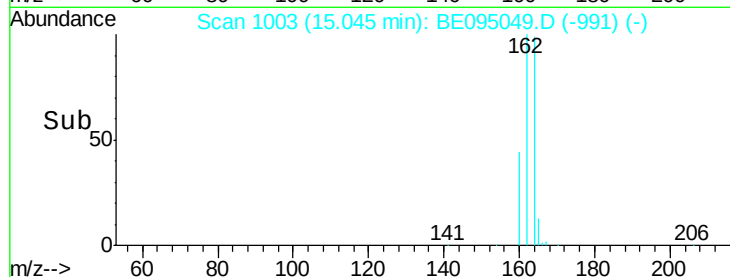
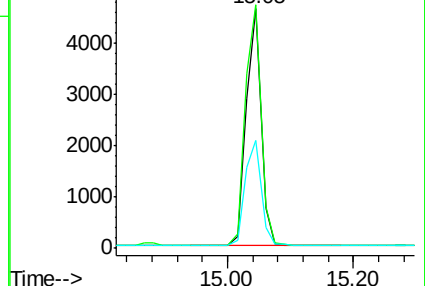
160 45.0 37.1 55.7



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: 0.331 ng

RT: 16.50 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

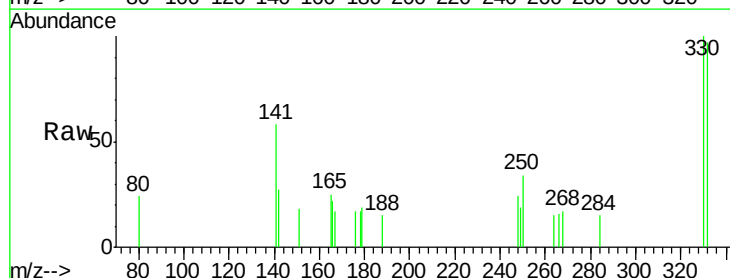
Tgt Ion:330 Resp: 581

Ion Ratio Lower Upper

330 100

332 99.1 152.7 229.1#

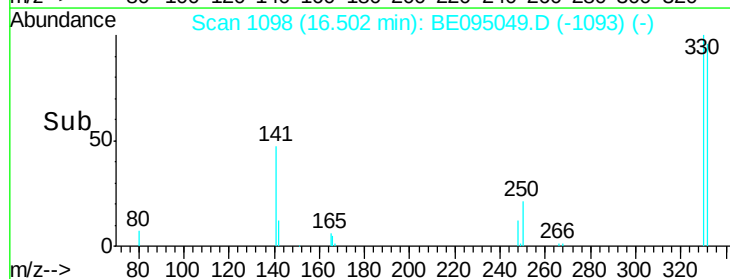
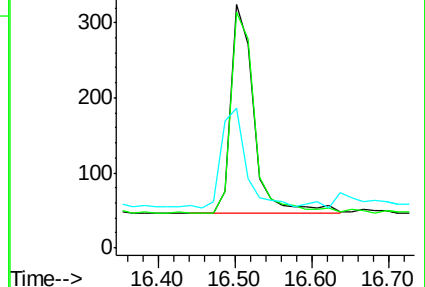
141 51.3 33.7 50.5#

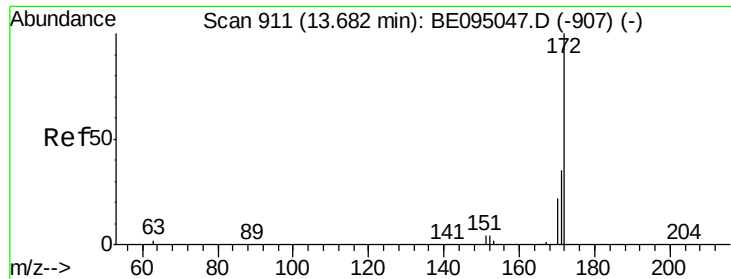


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

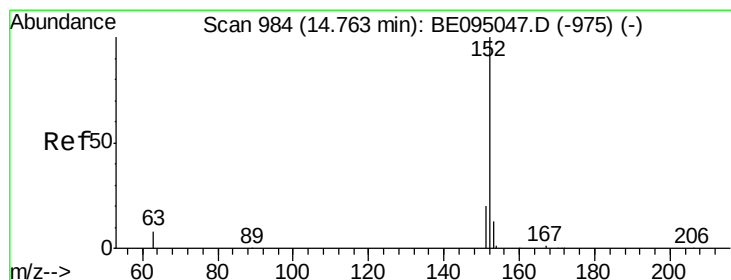
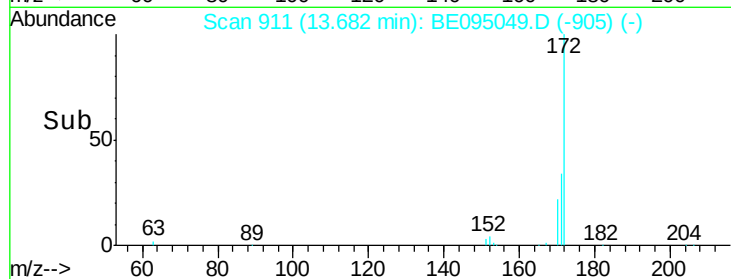
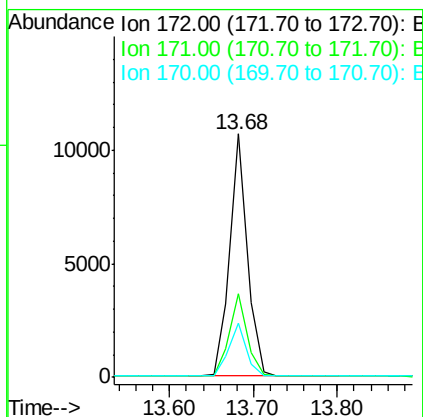
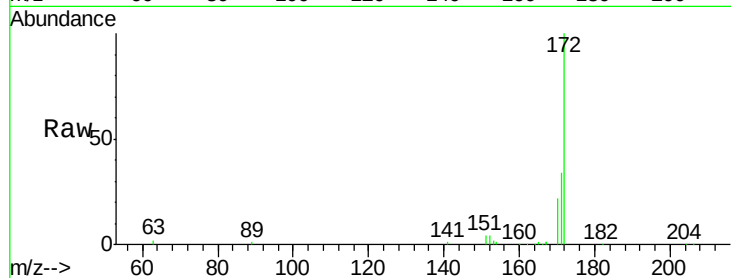




#15
2-Fluorobiphenyl
Concen: 0.465 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.02 min
Lab File: BE095049.D
Acq: 26 Dec 2017 11:04

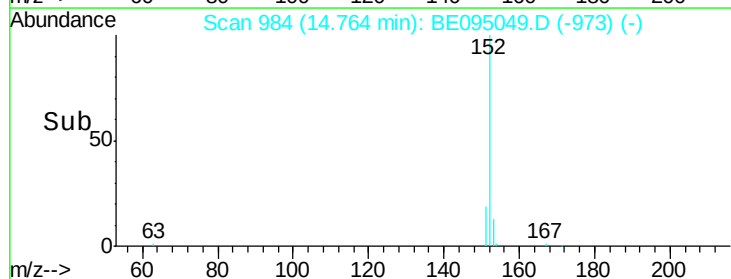
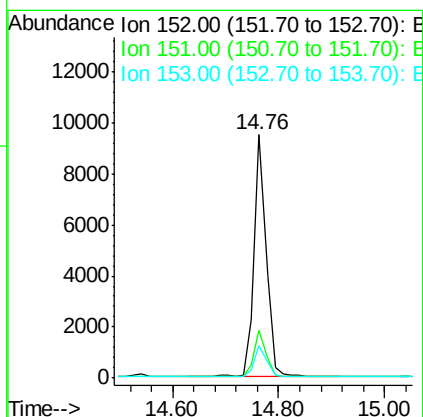
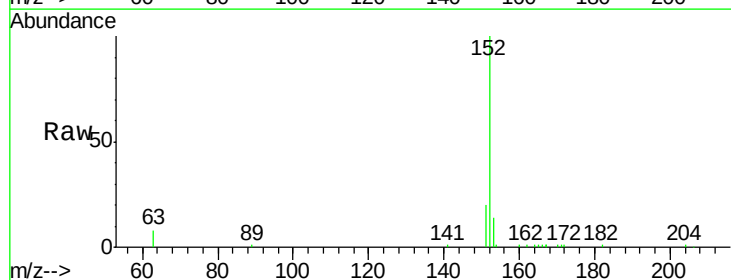
Instrument :
BNA_E
ClientSampleId :
PB105315BSD

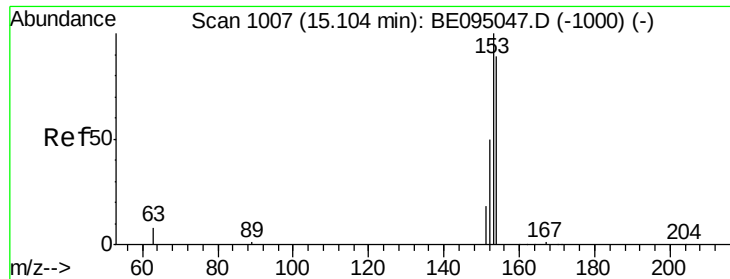
Tgt Ion:172 Resp: 15533
Ion Ratio Lower Upper
172 100
171 34.2 29.9 44.9
170 22.5 21.8 32.8



#16
Acenaphthylene
Concen: 0.366 ng
RT: 14.76 min Scan# 984
Delta R.T. -0.03 min
Lab File: BE095049.D
Acq: 26 Dec 2017 11:04

Tgt Ion:152 Resp: 14759
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.373 ng

RT: 15.10 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD

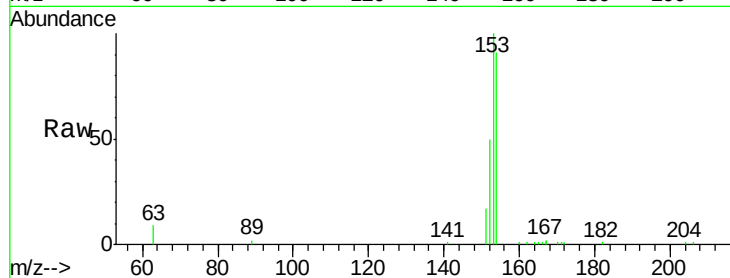
Tgt Ion:154 Resp: 9980

Ion Ratio Lower Upper

154 100

153 113.1 89.2 133.8

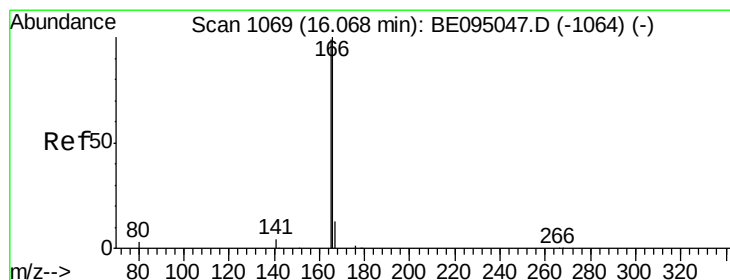
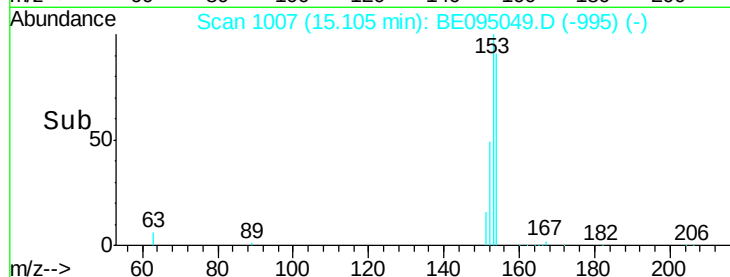
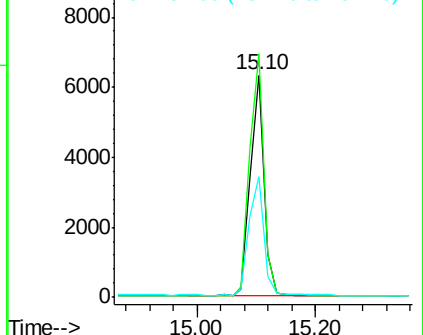
152 57.6 42.0 63.0



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: 0.376 ng

RT: 16.07 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

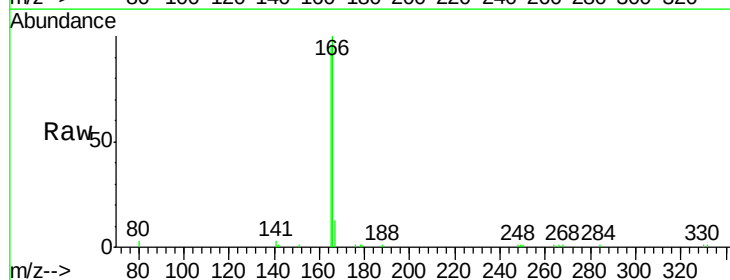
Tgt Ion:166 Resp: 12498

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.6

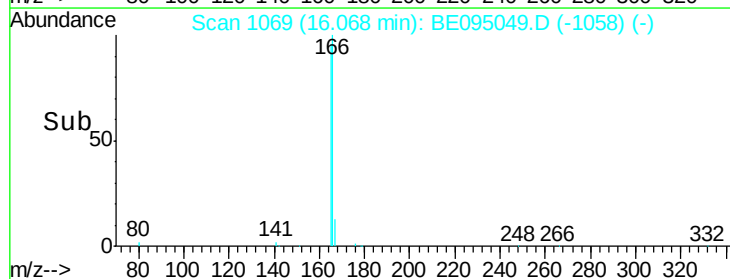
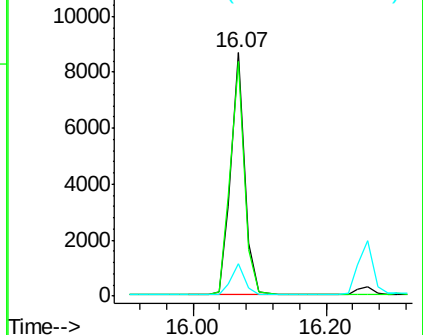
167 12.9 42.4 63.6#

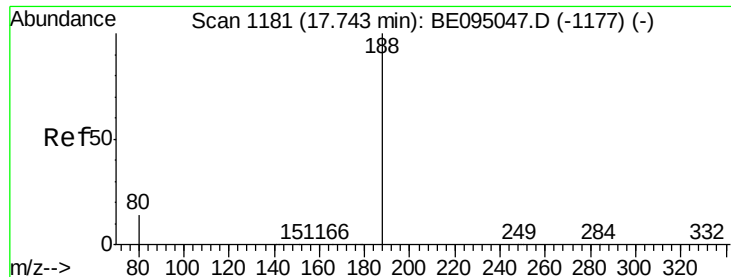


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE095049.D

Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD

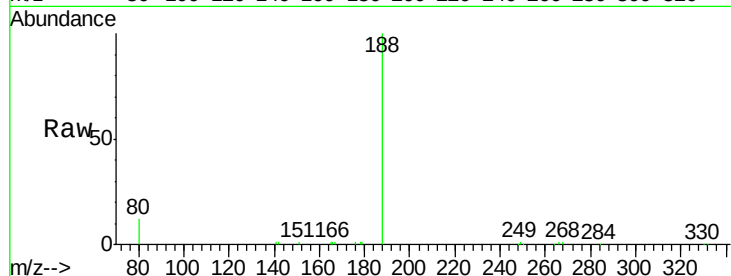
Tgt Ion:188 Resp: 16590

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

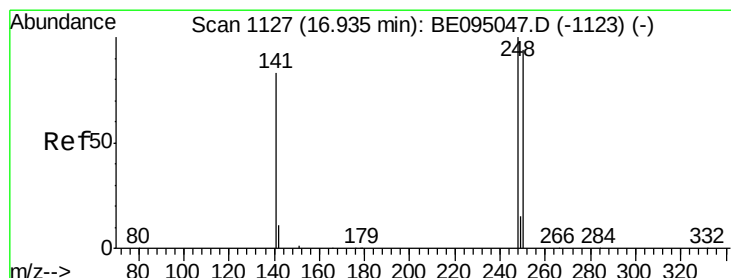
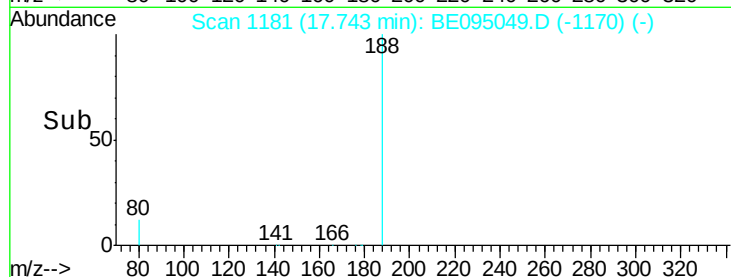
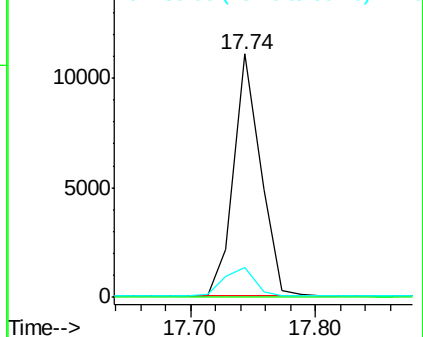
80 12.4 3.6 5.4#



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: 0.402 ng

RT: 16.94 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

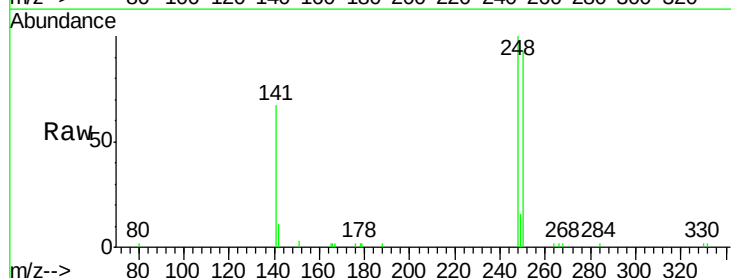
Tgt Ion:248 Resp: 3903

Ion Ratio Lower Upper

248 100

250 93.3 62.7 94.1

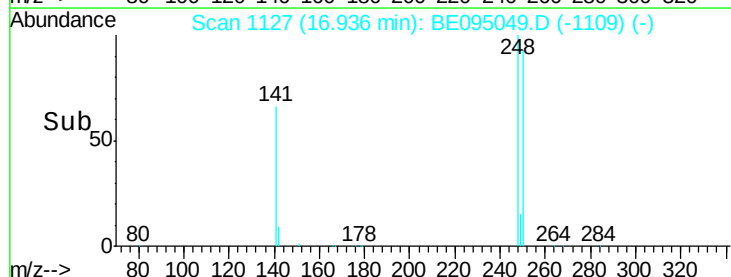
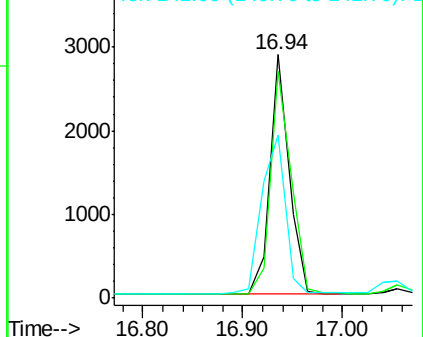
141 67.1 48.2 72.2

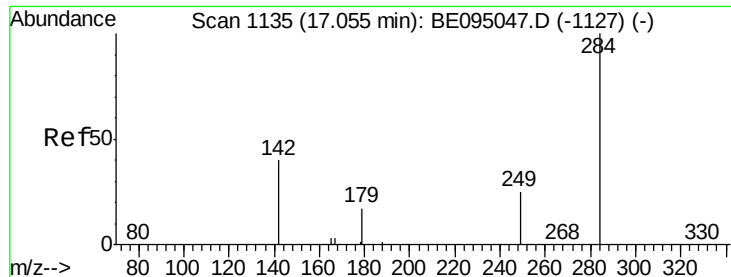


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.390 ng

RT: 17.06 min Scan# 1135

Delta R.T. -0.03 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD

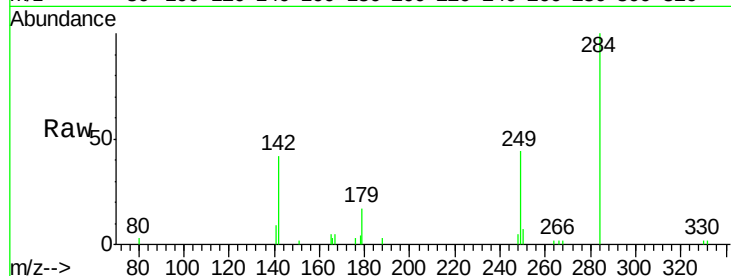
Tgt Ion:284 Resp: 3876

Ion Ratio Lower Upper

284 100

142 42.3 22.1 33.1#

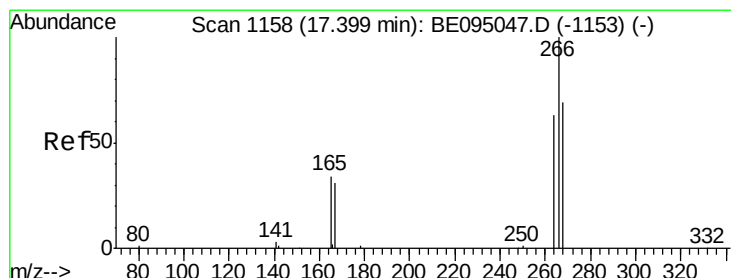
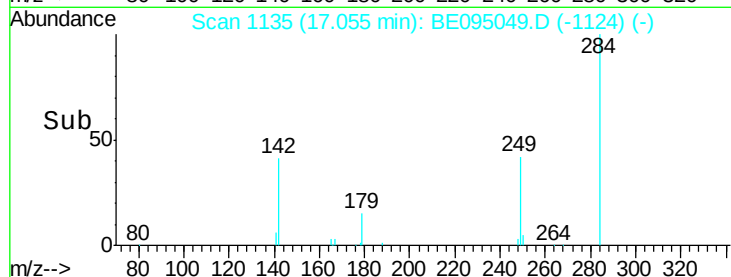
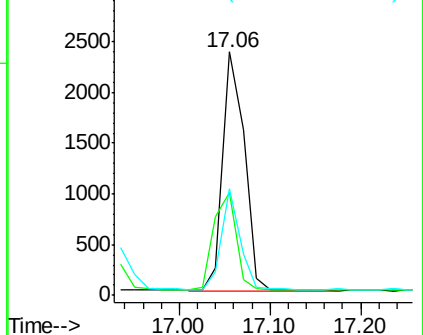
249 36.0 34.8 52.2



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: 0.614 ng

RT: 17.40 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

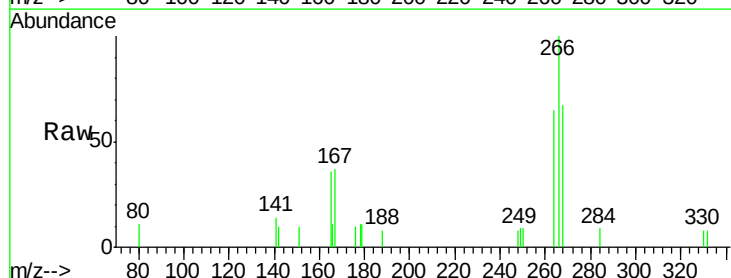
Tgt Ion:266 Resp: 1315

Ion Ratio Lower Upper

266 100

264 64.6 72.5 108.7#

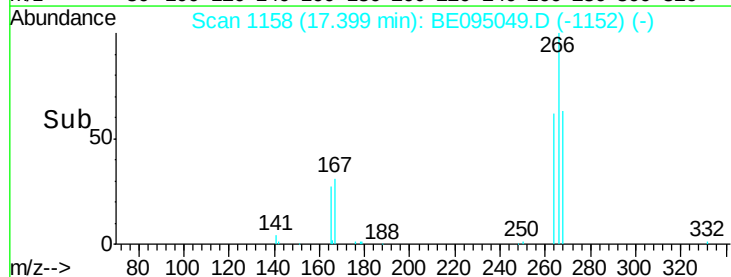
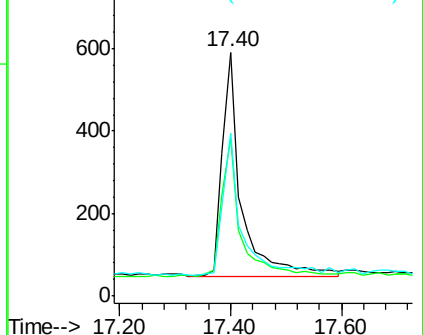
268 67.0 73.8 110.6#

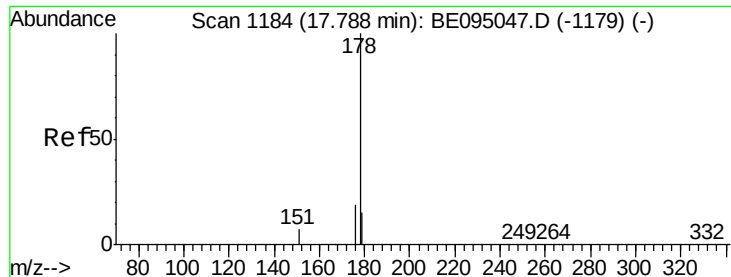


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.388 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD

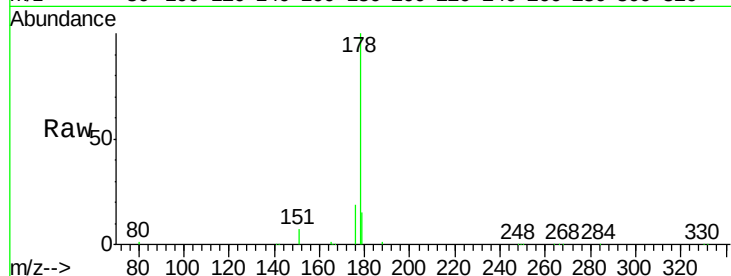
Tgt Ion:178 Resp: 20077

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

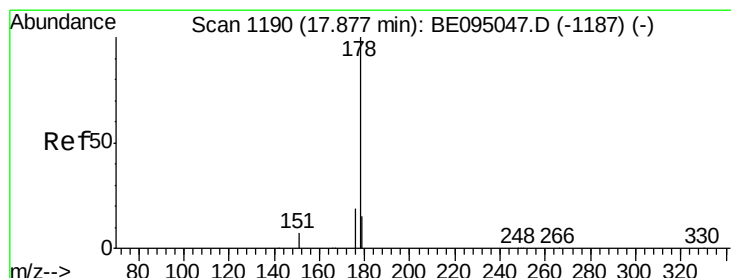
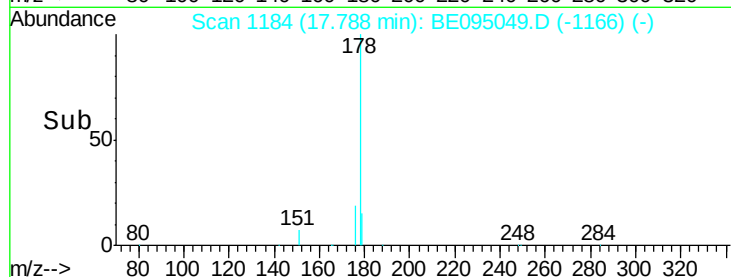
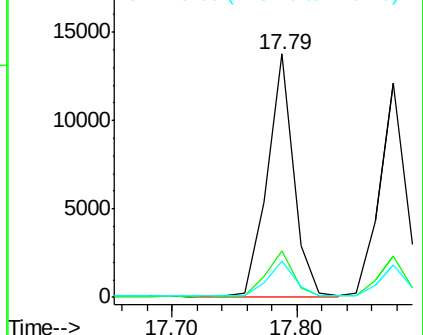
179 15.6 11.8 17.6



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: 0.386 ng

RT: 17.88 min Scan# 1190

Delta R.T. -0.03 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

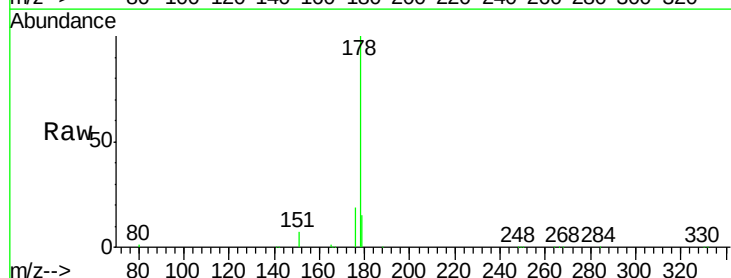
Tgt Ion:178 Resp: 20465

Ion Ratio Lower Upper

178 100

176 21.3 12.8 19.2#

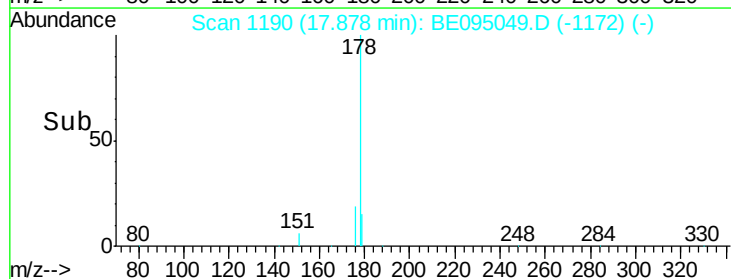
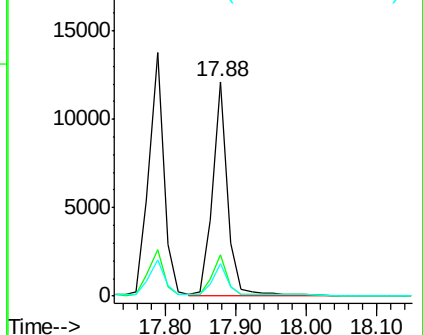
179 18.2 13.0 19.6

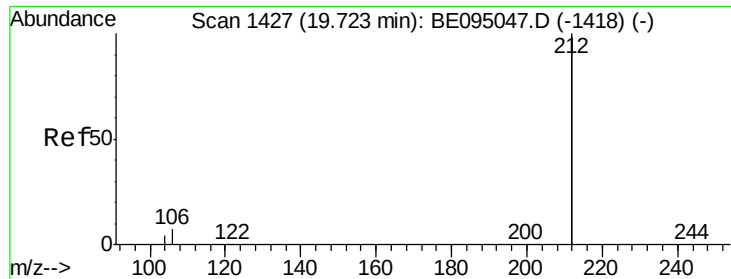


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

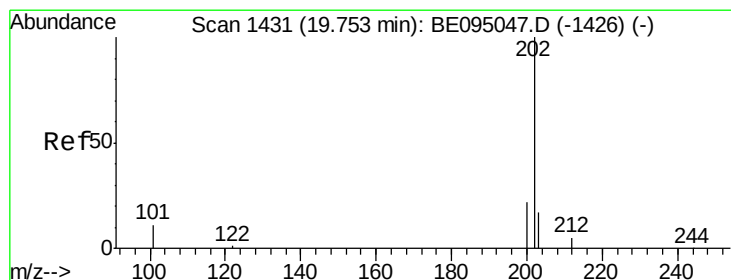
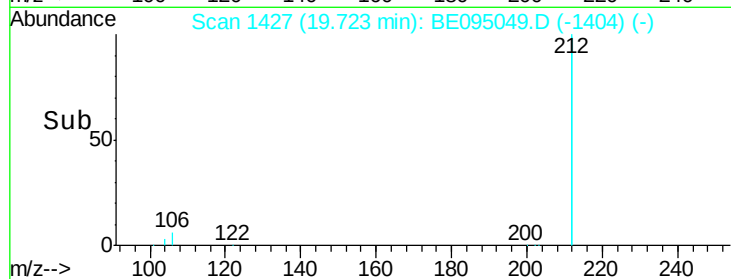
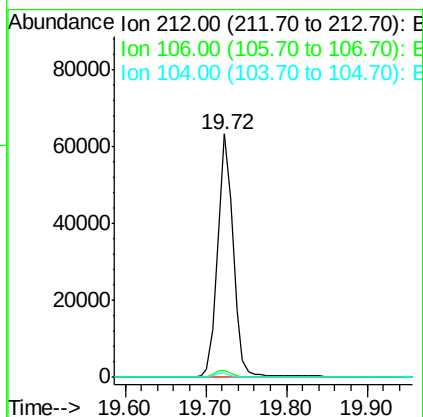
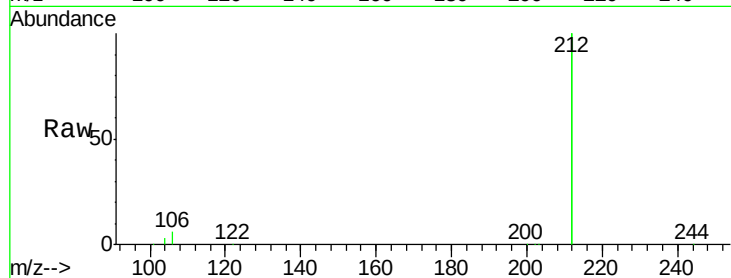




#25
 Fluoranthene-d10
 Concen: 0.392 ng
 RT: 19.72 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BE095049.D
 Acq: 26 Dec 2017 11:04

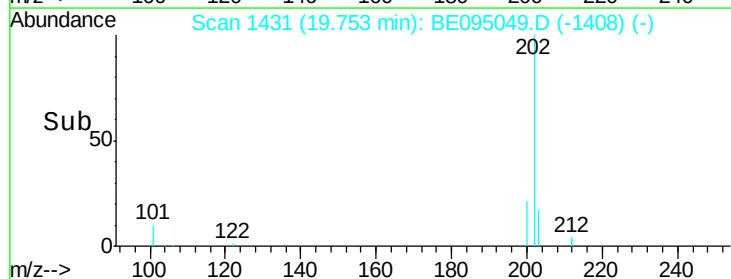
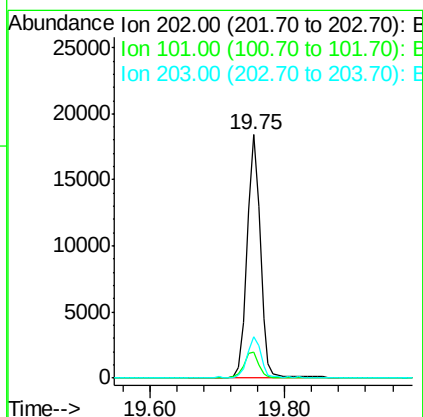
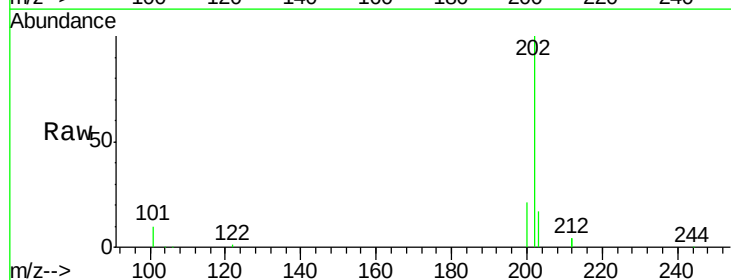
Instrument :
 BNA_E
 ClientSampleId :
 PB105315BSD

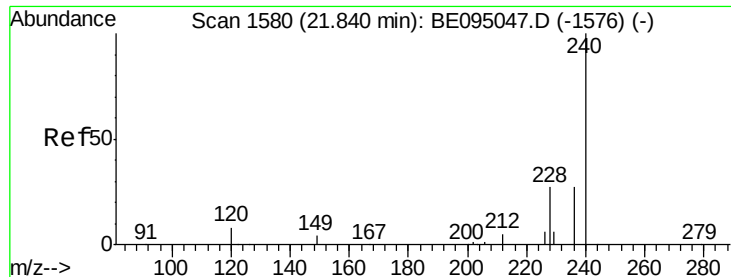
Tgt Ion: 212 Resp: 84440
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.8 4.2
 104 1.8 1.6 2.4



#26
 Fluoranthene
 Concen: 0.387 ng
 RT: 19.75 min Scan# 1431
 Delta R.T. -0.03 min
 Lab File: BE095049.D
 Acq: 26 Dec 2017 11:04

Tgt Ion: 202 Resp: 24681
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.8 14.8
 203 16.7 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD

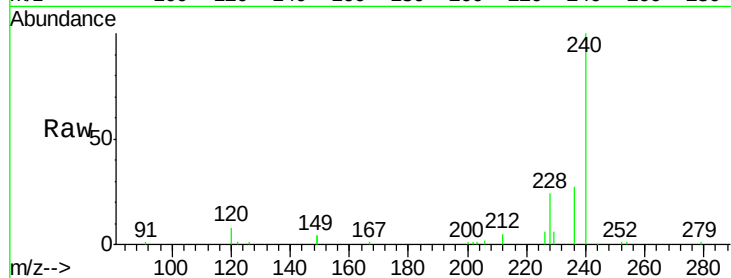
Tgt Ion:240 Resp: 17873

Ion Ratio Lower Upper

240 100

120 8.4 5.5 8.3#

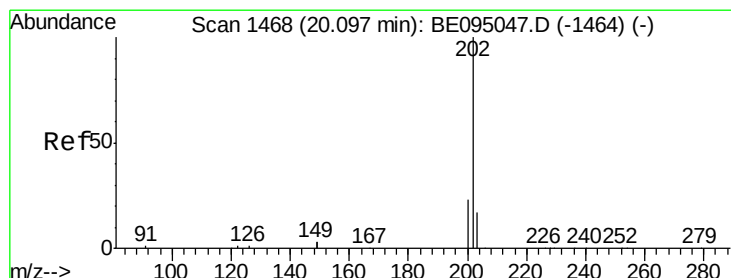
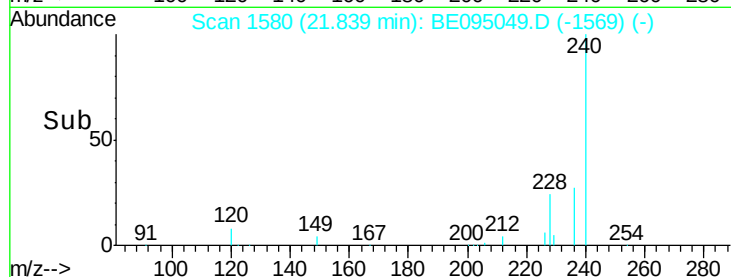
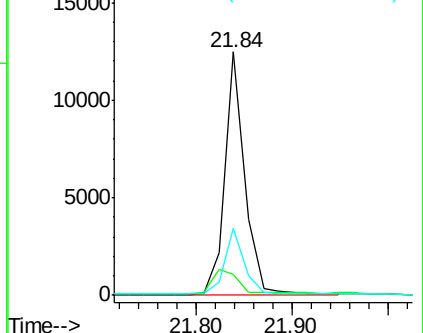
236 27.3 20.7 31.1



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: 0.426 ng

RT: 20.10 min Scan# 1468

Delta R.T. -0.03 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

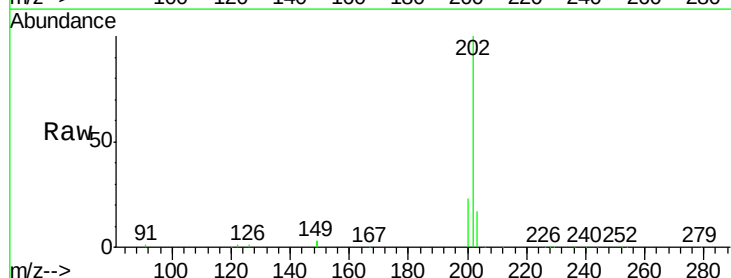
Tgt Ion:202 Resp: 25794

Ion Ratio Lower Upper

202 100

200 23.1 16.6 25.0

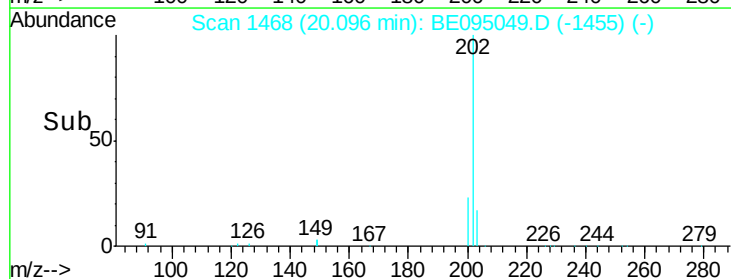
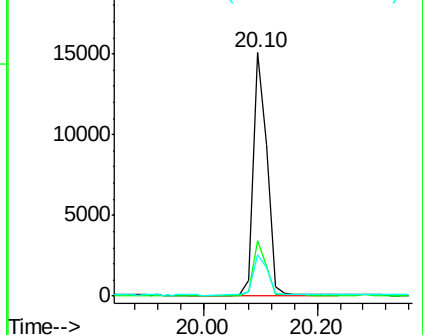
203 20.2 13.8 20.8

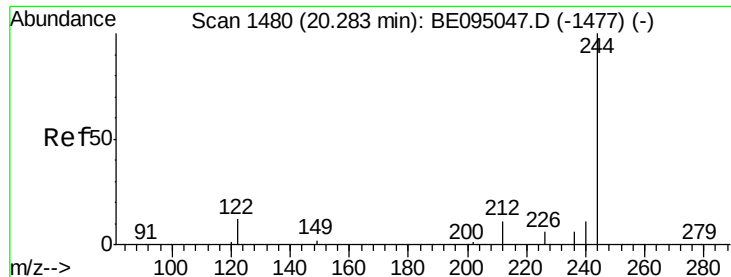


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.513 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD

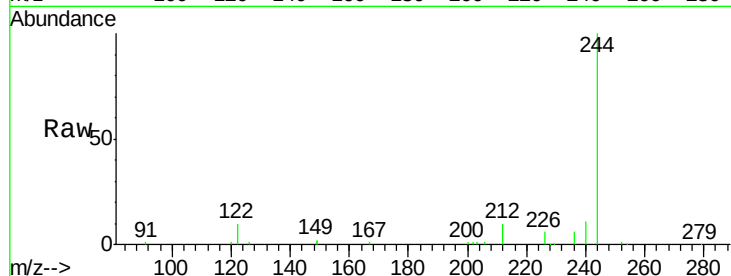
Tgt Ion:244 Resp: 17275

Ion Ratio Lower Upper

244 100

212 10.0 25.4 38.0#

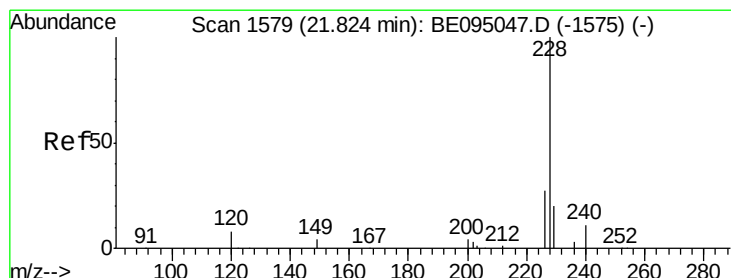
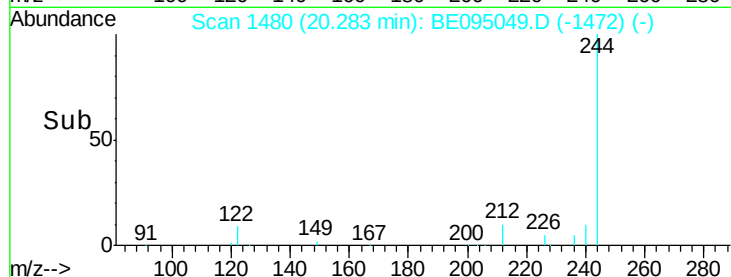
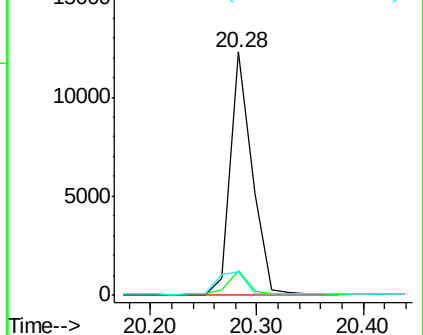
122 9.8 8.1 12.1



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: 0.425 ng

RT: 21.82 min Scan# 1579

Delta R.T. -0.03 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

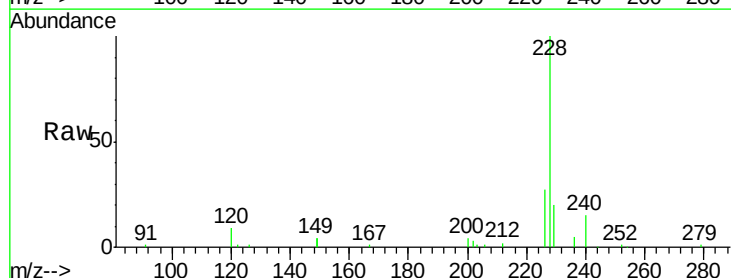
Tgt Ion:228 Resp: 22191

Ion Ratio Lower Upper

228 100

226 27.0 40.0 60.0#

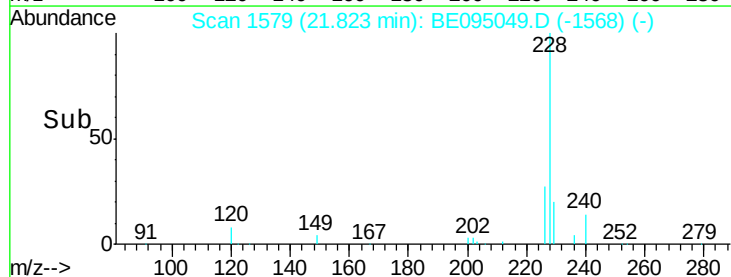
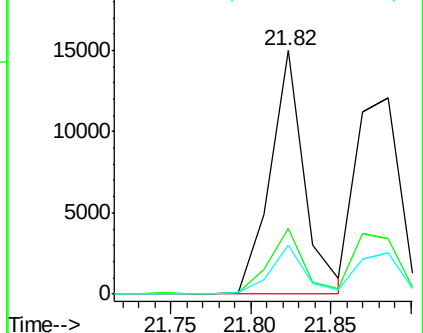
229 20.3 40.0 60.0#

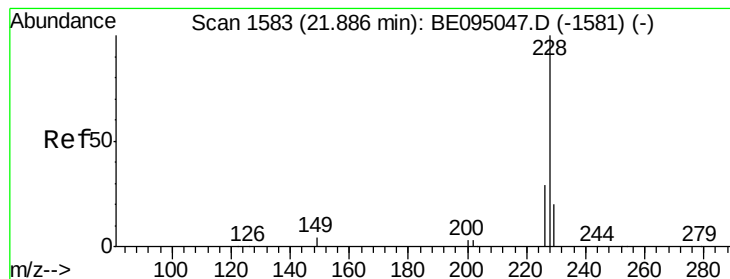


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.433 ng

RT: 21.89 min Scan# 1583

Delta R.T. -0.03 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD

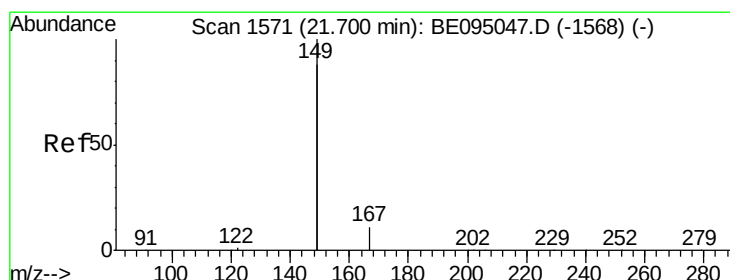
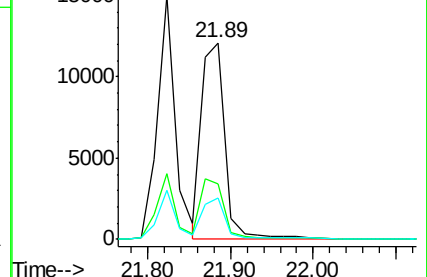
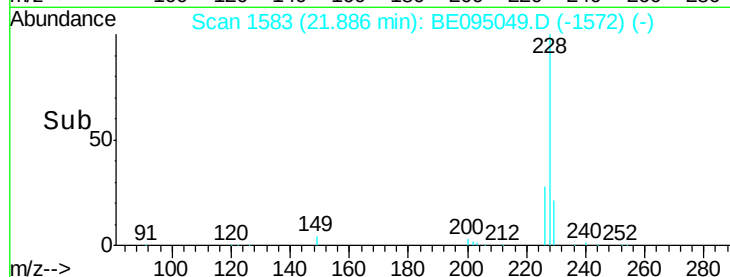
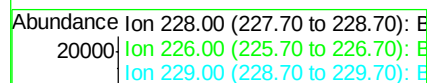
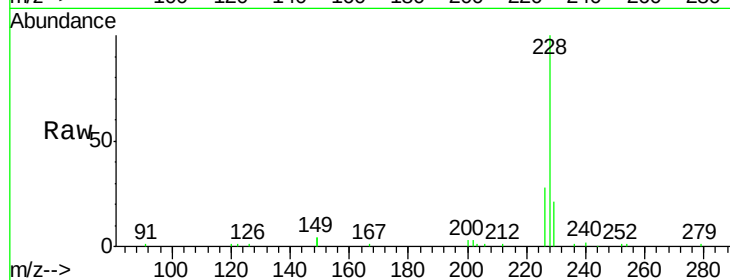
Tgt Ion:228 Resp: 25444

Ion Ratio Lower Upper

228 100

226 28.1 40.0 60.0#

229 20.9 40.0 60.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.328 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

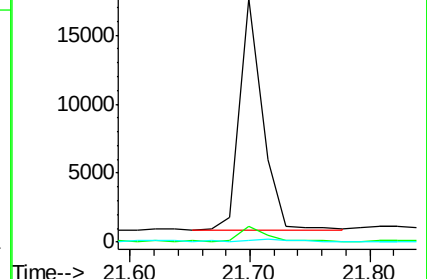
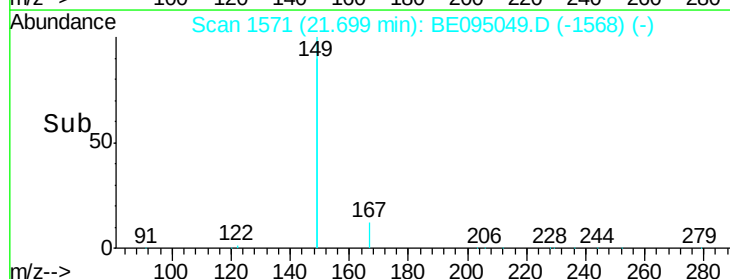
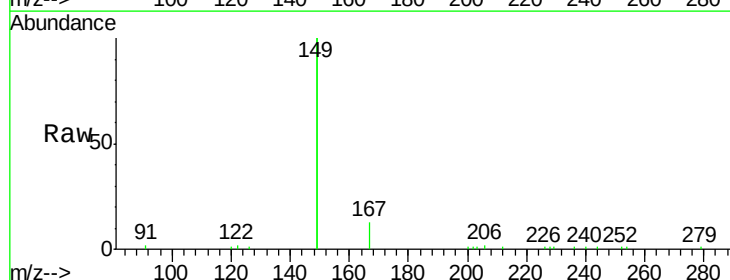
Tgt Ion:149 Resp: 21850

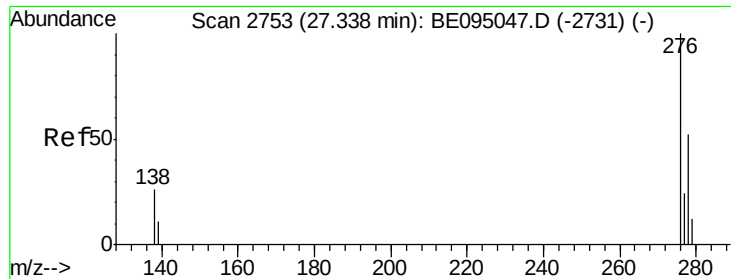
Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

279 1.1 0.7 1.1#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.400 ng

RT: 27.33 min Scan# 2752

Delta R.T. -0.08 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD

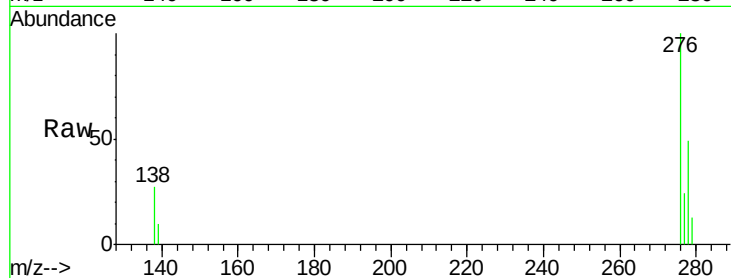
Tgt Ion:276 Resp: 19139

Ion Ratio Lower Upper

276 100

138 25.8 22.5 33.7

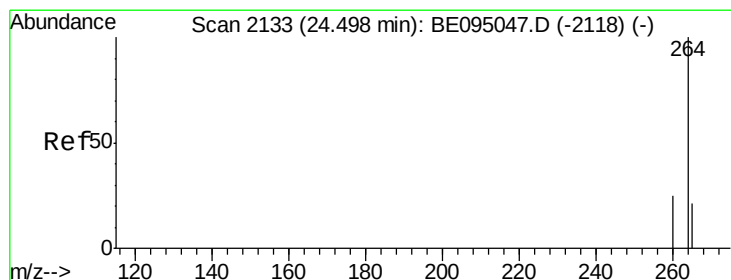
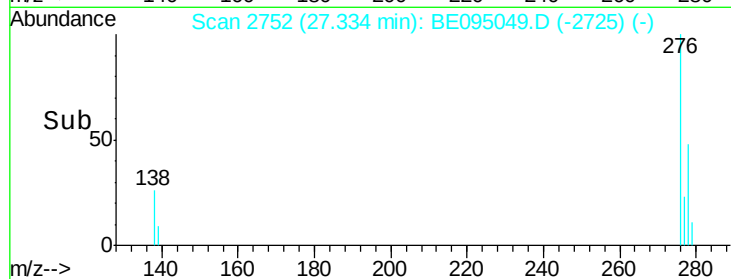
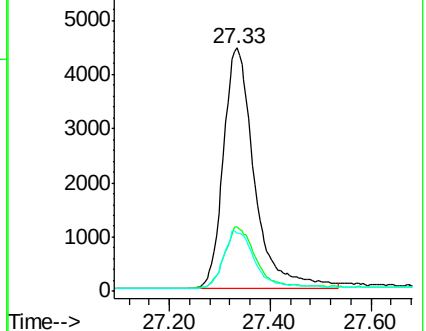
277 23.6 19.9 29.9



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: 24.49 min Scan# 2132

Delta R.T. -0.06 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

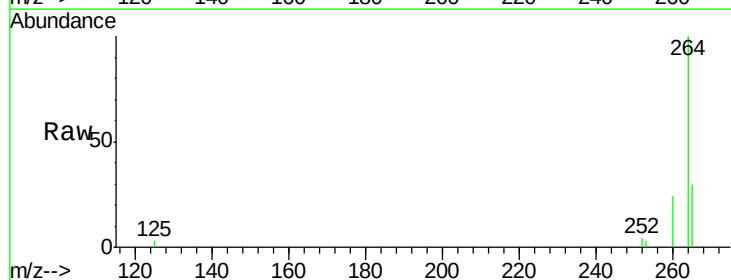
Tgt Ion:264 Resp: 14656

Ion Ratio Lower Upper

264 100

260 24.4 20.5 30.7

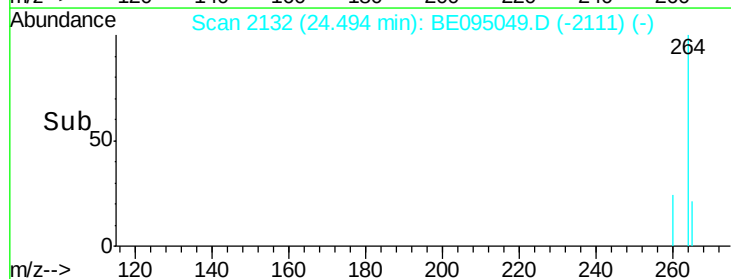
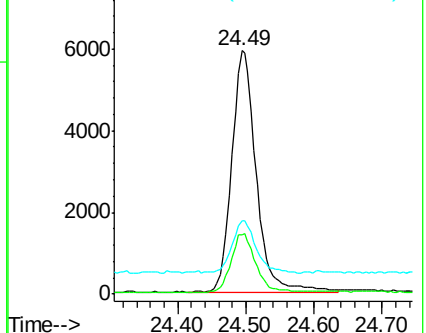
265 30.1 22.8 34.2

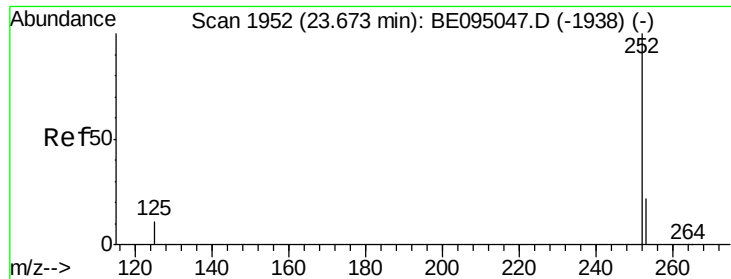


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.382 ng

RT: 23.67 min Scan# 1951

Delta R.T. -0.05 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD

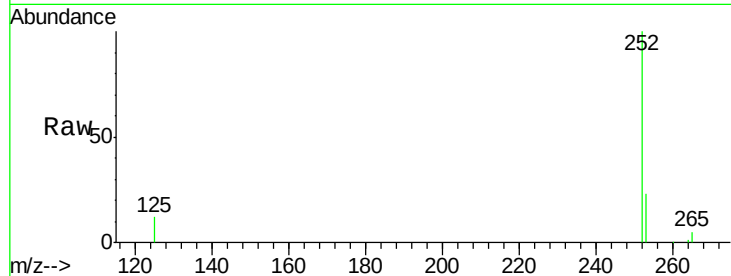
Tgt Ion:252 Resp: 20536

Ion Ratio Lower Upper

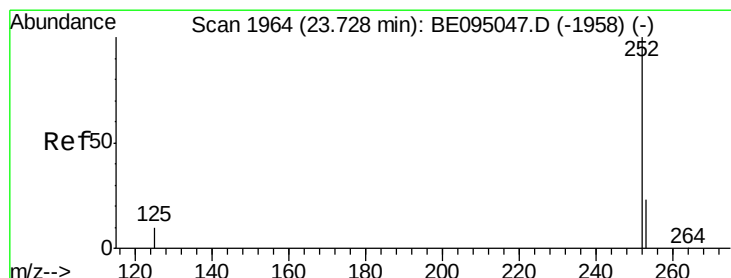
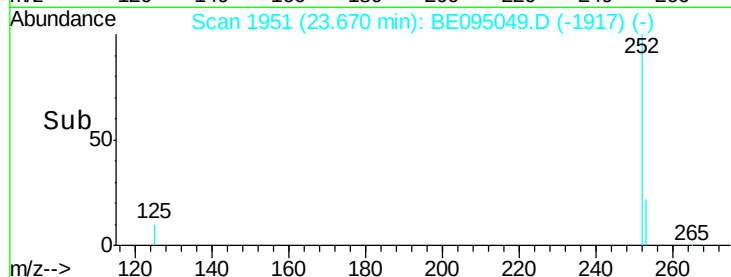
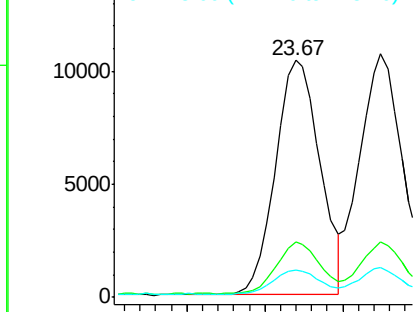
252 100

253 23.4 20.0 30.0

125 11.7 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: 0.377 ng

RT: 23.67 min Scan# 1951

Delta R.T. -0.11 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

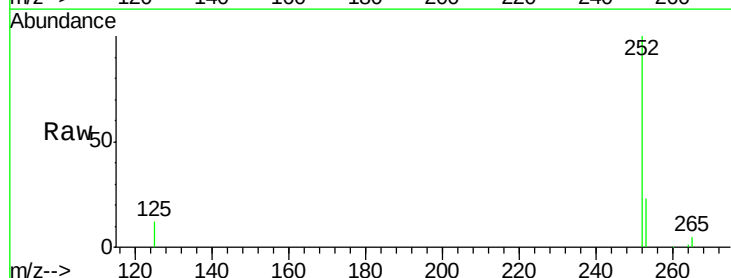
Tgt Ion:252 Resp: 20536

Ion Ratio Lower Upper

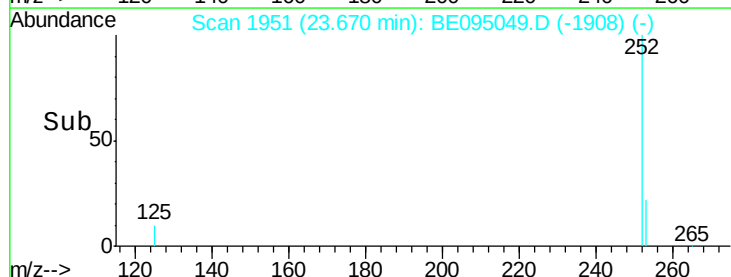
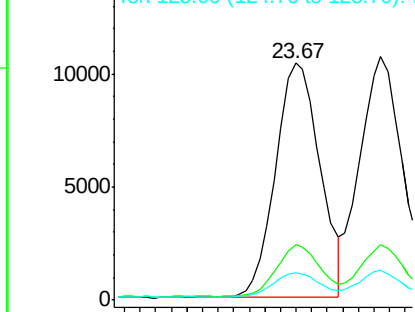
252 100

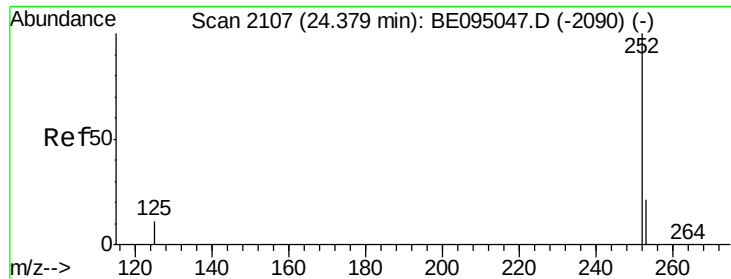
253 23.4 16.0 24.0

125 11.7 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: 0.385 ng

RT: 24.38 min Scan# 2106

Delta R.T. -0.05 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD

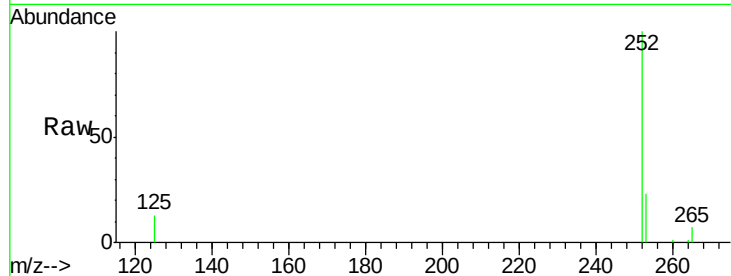
Tgt Ion:252 Resp: 18374

Ion Ratio Lower Upper

252 100

253 22.9 16.0 24.0

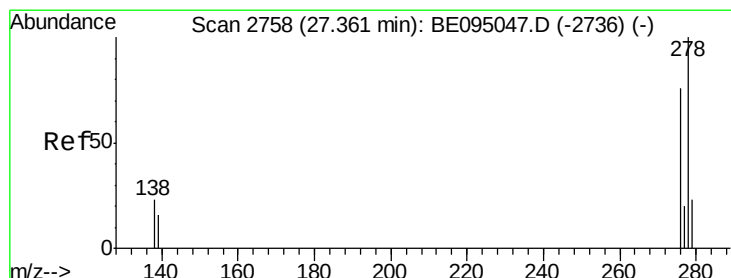
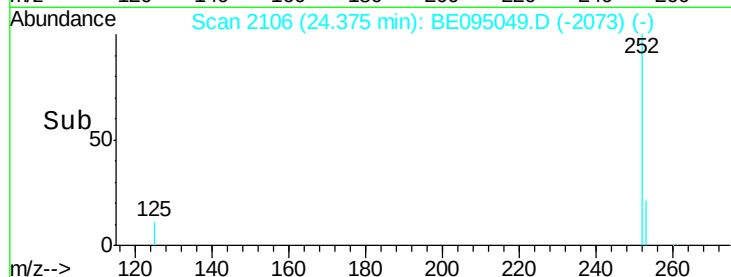
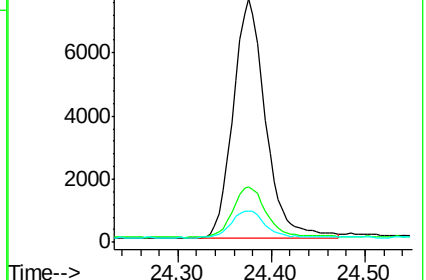
125 12.9 12.0 18.0



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: 0.338 ng

RT: 27.36 min Scan# 2757

Delta R.T. -0.08 min

Lab File: BE095049.D

Acq: 26 Dec 2017 11:04

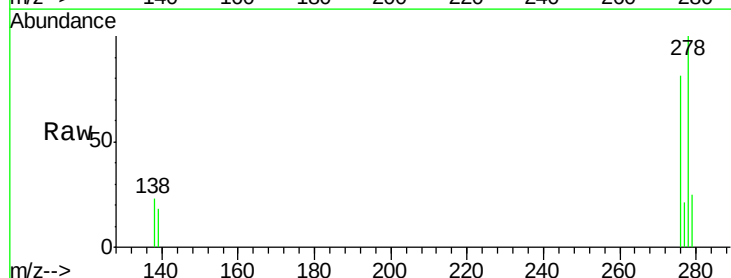
Tgt Ion:278 Resp: 14965

Ion Ratio Lower Upper

278 100

139 17.6 16.0 24.0

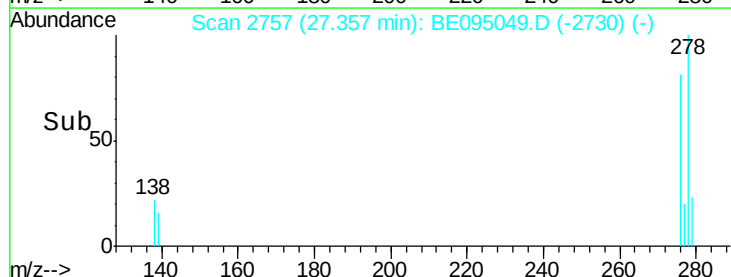
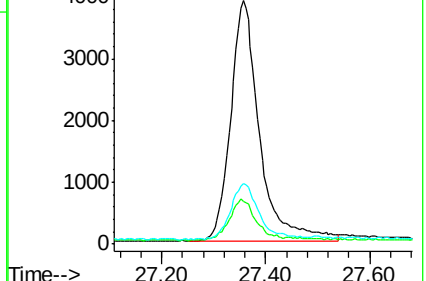
279 25.0 20.0 30.0

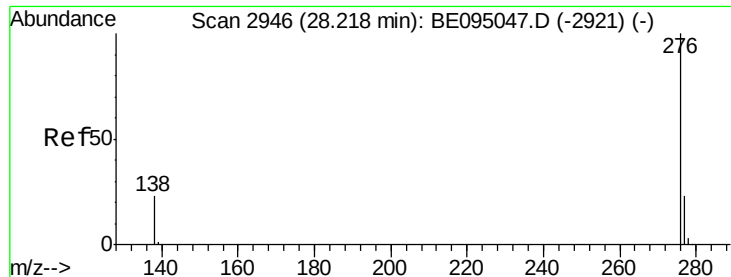


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.393 ng

RT: 28.21 min Scan# 2944

Delta R.T. -0.09 min

Lab File: BE095049.D

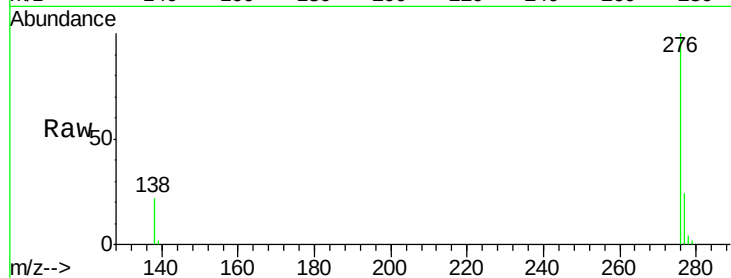
Acq: 26 Dec 2017 11:04

Instrument :

BNA_E

ClientSampleId :

PB105315BSD



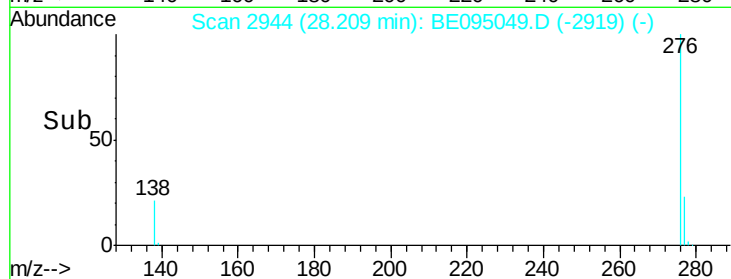
Tgt Ion: 276 Resp: 17348

Ion Ratio Lower Upper

276 100

277 24.0 16.0 24.0

138 22.5 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

