

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
 Data File : BE099108.D
 Acq On : 23 Mar 2019 12:37
 Operator : JU/SJ
 Sample : PB118173BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118173BS

Quant Time: Mar 23 22:35:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 23 04:40:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4431	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	16364	0.40	ng	-0.01
13) Acenaphthene-d10	14.48	164	9742	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	23799	0.40	ng	0.00
27) Chrysene-d12	21.39	240	31629	0.40	ng	0.00
34) Perylene-d12	23.90	264	35994	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	4695	0.36	ng	0.01
5) Phenol-d6	6.99	99	6218	0.33	ng	0.00
8) Nitrobenzene-d5	8.99	82	3915	0.55	ng	-0.01
11) 2-Methylnaphthalene-d10	12.22	152	14122	0.48	ng	-0.02
14) 2,4,6-Tribromophenol	15.96	330	1176	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	14201	0.37	ng	-0.02
25) Fluoranthene-d10	19.24	212	90295	0.28	ng	0.00
29) Terphenyl-d14	19.83	244	18458	0.28	ng	0.00

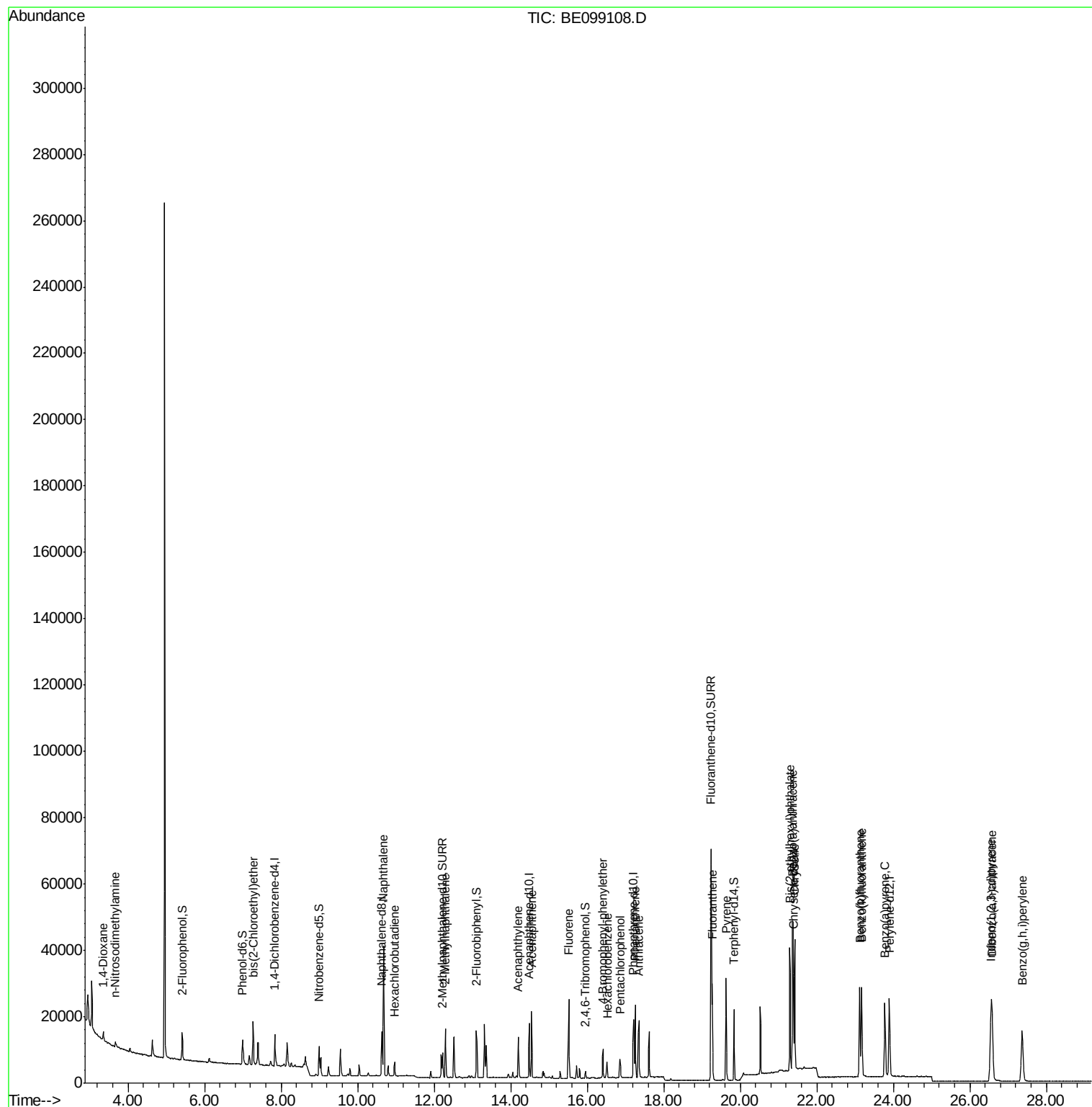
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	1754	0.255	ng	# 70
3) n-Nitrosodimethylamine	3.67	42	1099	0.310	ng	# 91
6) bis(2-Chloroethyl)ether	7.26	93	5036	0.326	ng	# 84
9) Naphthalene	10.68	128	62075	0.322	ng	99
10) Hexachlorobutadiene	10.96	225	3134	0.332	ng	96
12) 2-Methylnaphthalene	12.29	142	10430	0.316	ng	96
16) Acenaphthylene	14.20	152	15351	0.295	ng	97
17) Acenaphthene	14.54	154	9399	0.305	ng	98
18) Fluorene	15.51	166	13001	0.289	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	4671	0.355	ng	# 65
21) Hexachlorobenzene	16.52	284	4255	0.348	ng	94
22) Pentachlorophenol	16.85	266	3010	0.852	ng	# 74
23) Phenanthrene	17.25	178	22262	0.315	ng	98
24) Anthracene	17.35	178	20174	0.302	ng	100
26) Fluoranthene	19.27	202	26688	0.268	ng	99
28) Pyrene	19.63	202	28426	0.265	ng	98
30) Benzo(a)anthracene	21.36	228	34635	0.311	ng	98
31) Chrysene	21.43	228	35851	0.322	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	39574	0.274	ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	43433	0.363	ng	99
35) Benzo(b)fluoranthene	23.12	252	37668	0.303	ng	98
36) Benzo(k)fluoranthene	23.17	252	39393	0.323	ng	99
37) Benzo(a)pyrene	23.78	252	36382	0.316	ng	96
38) Dibenzo(a,h)anthracene	26.58	278	36013	0.322	ng	95
39) Benzo(g,h,i)perylene	27.37	276	37202	0.324	ng	99

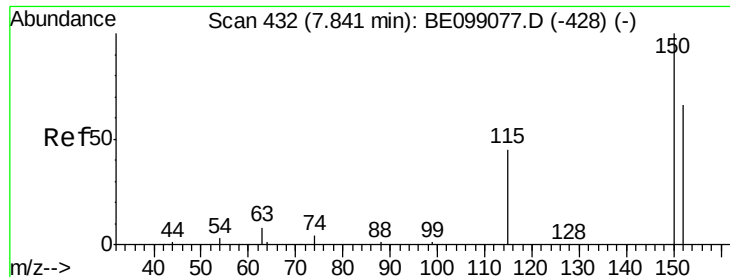
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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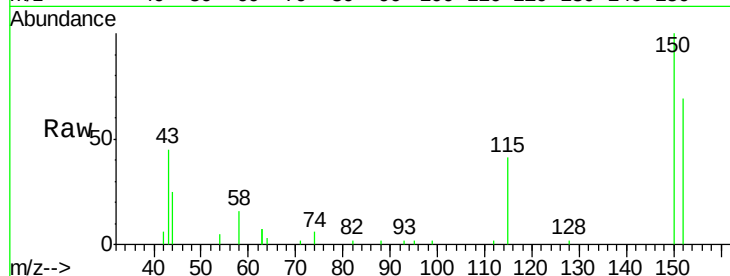


#1

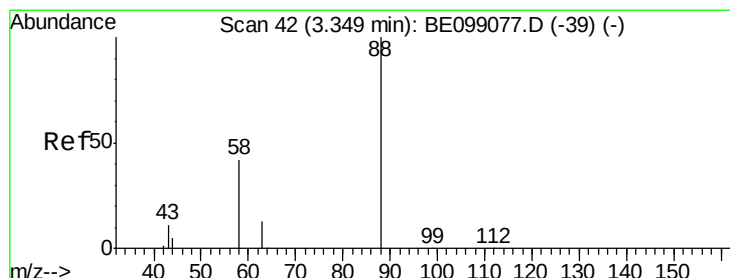
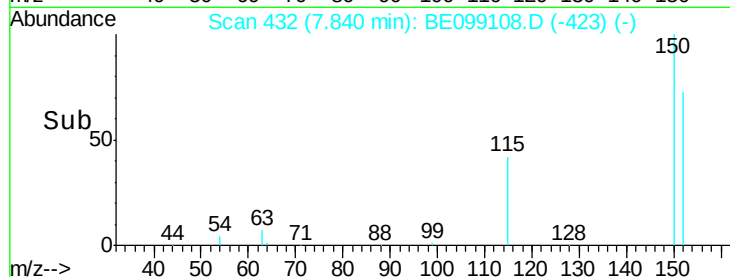
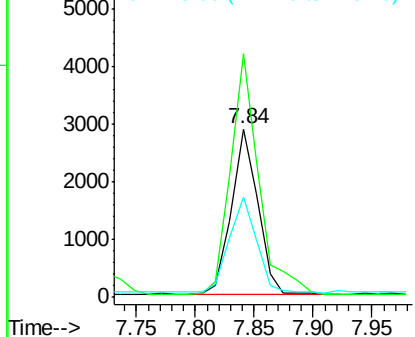
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:152 Resp: 4431
Ion Ratio Lower Upper
152 100
150 144.7 122.5 183.7
115 59.3 57.4 86.2



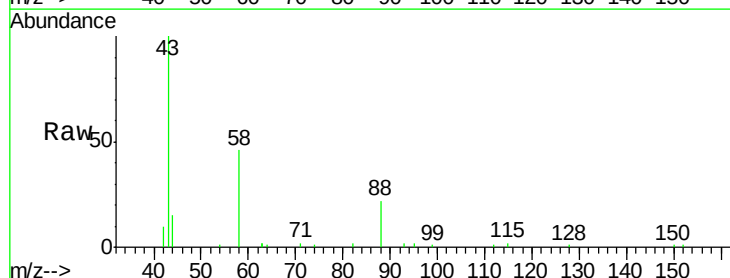
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



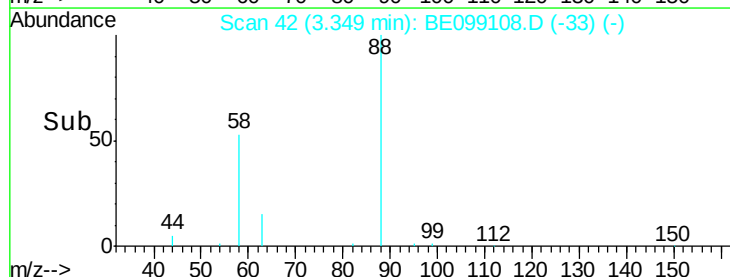
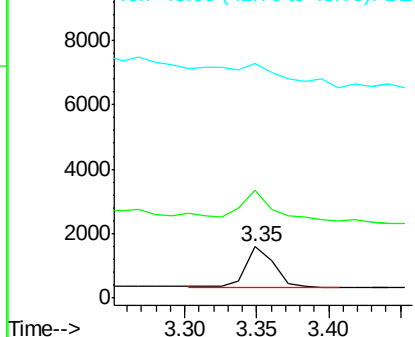
#2

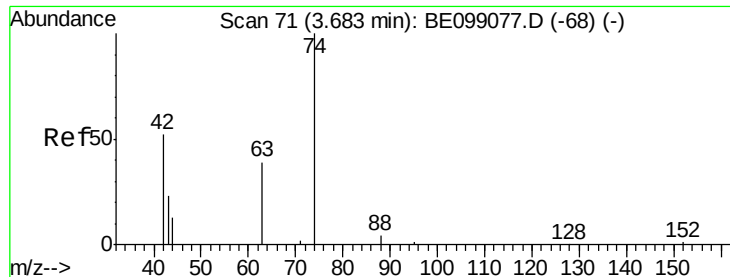
1,4-Dioxane
Concen: 0.255 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion: 88 Resp: 1754
Ion Ratio Lower Upper
88 100
58 79.8 52.0 78.0#
43 0.0 24.0 36.0#



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: 0.310 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

Instrument :

BNA_E

ClientSampleId :

PB118173BS

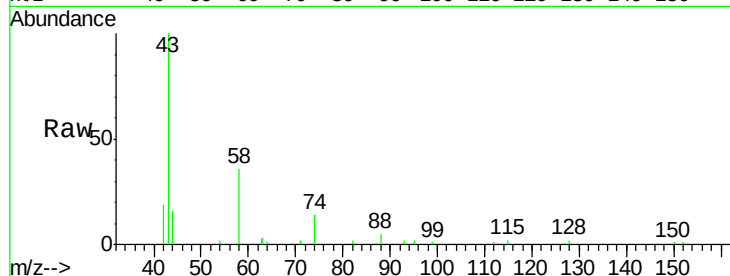
Tgt Ion: 42 Resp: 1099

Ion Ratio Lower Upper

42 100

74 186.5 160.0 240.0

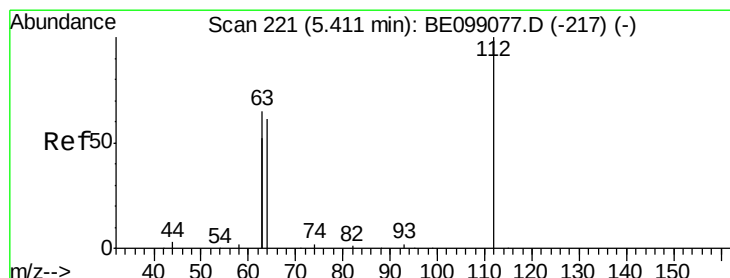
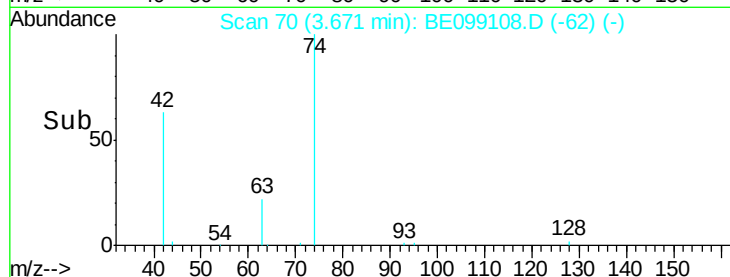
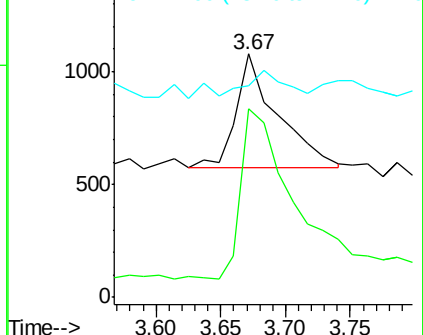
44 19.6 0.0 0.0#



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: 0.356 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.01 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

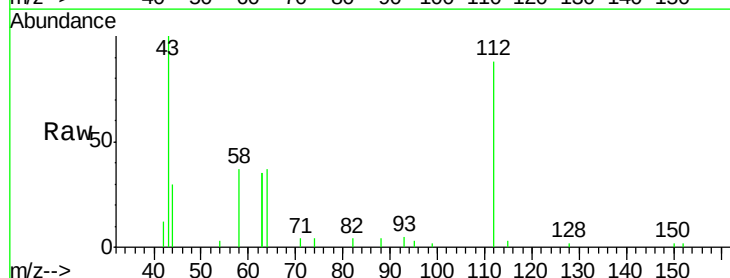
Tgt Ion: 112 Resp: 4695

Ion Ratio Lower Upper

112 100

64 59.4 57.9 86.9

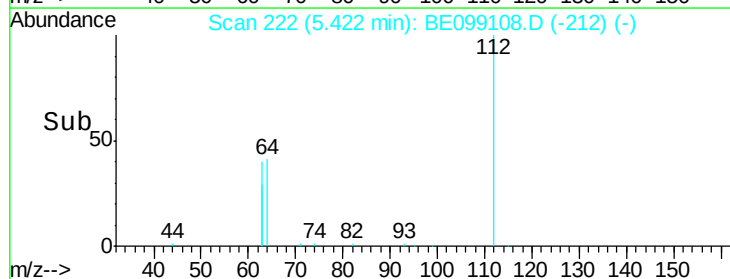
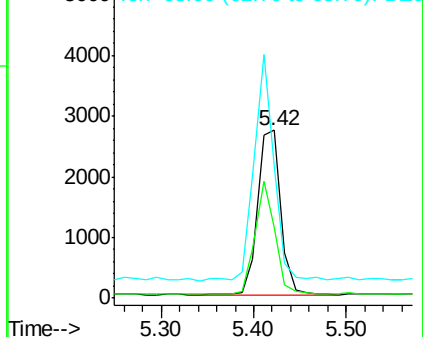
63 119.1 158.3 237.5#

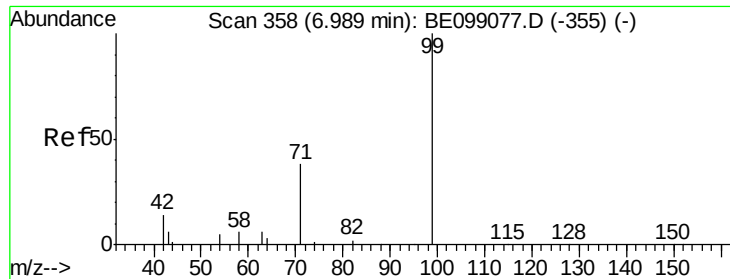


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.327 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

Instrument :

BNA_E

ClientSampleId :

PB118173BS

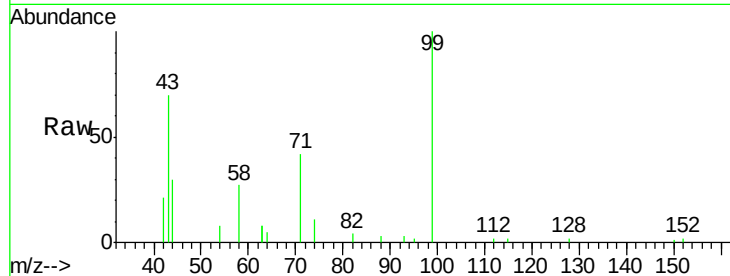
Tgt Ion: 99 Resp: 6218

Ion Ratio Lower Upper

99 100

42 16.3 24.2 36.2#

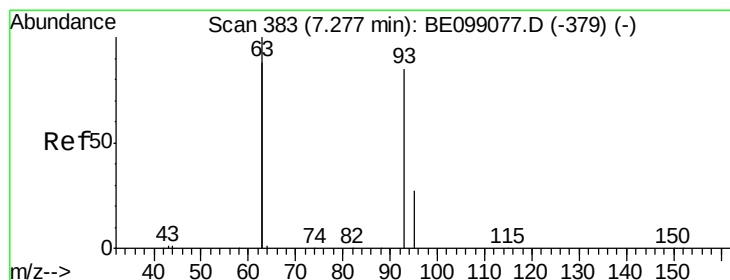
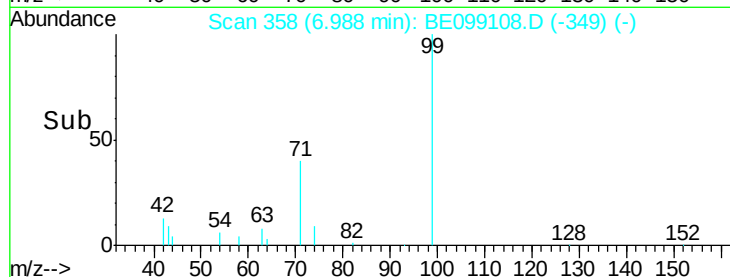
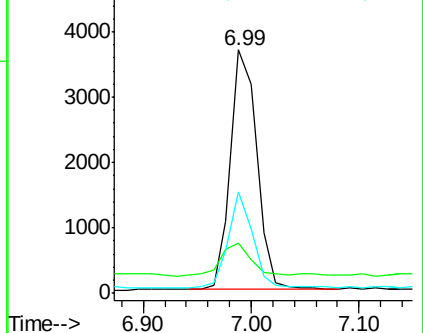
71 37.2 35.7 53.5



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: 0.326 ng

RT: 7.26 min Scan# 382

Delta R.T. -0.01 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

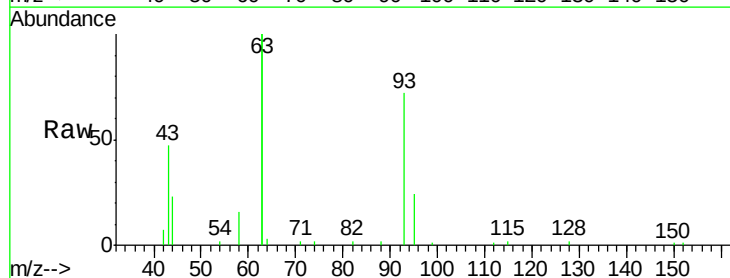
Tgt Ion: 93 Resp: 5036

Ion Ratio Lower Upper

93 100

63 276.8 247.5 371.3

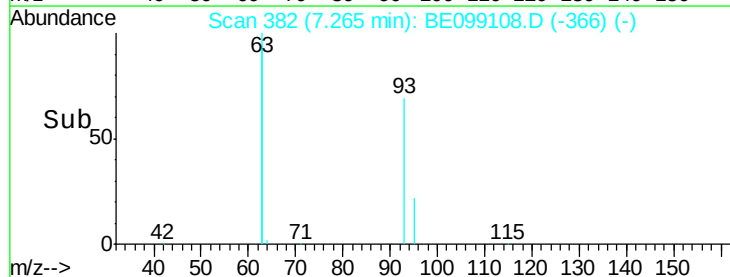
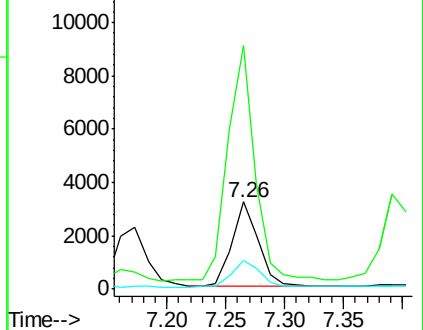
95 34.2 21.8 32.8#

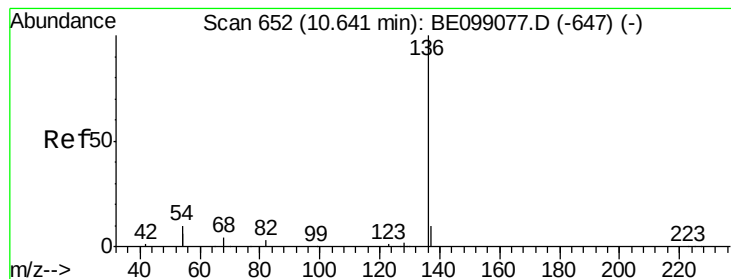


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

Instrument :

BNA_E

ClientSampleId :

PB118173BS

Tgt Ion:136 Resp: 16364

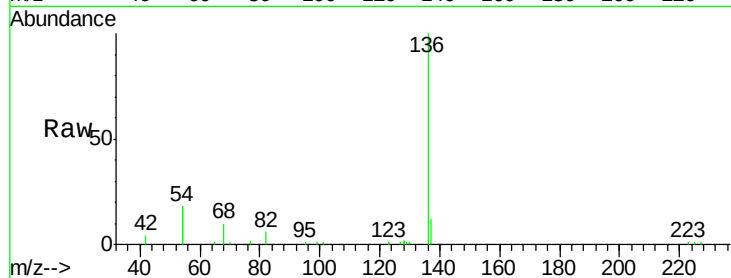
Ion Ratio Lower Upper

136 100

137 11.9 11.4 17.0

54 36.1 39.3 58.9#

68 10.1 6.7 10.1#

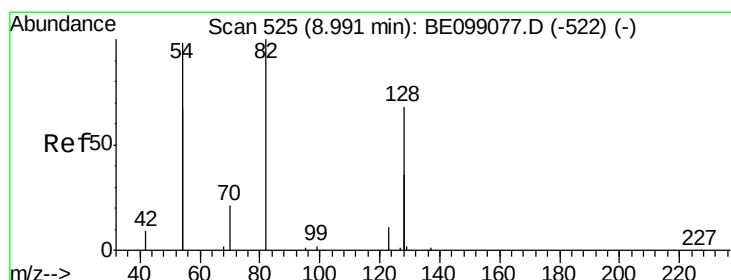
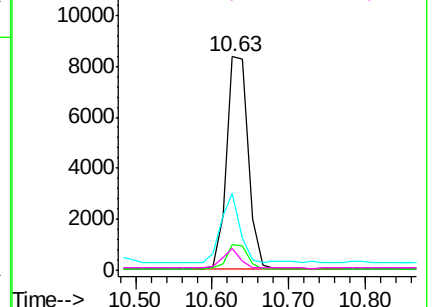
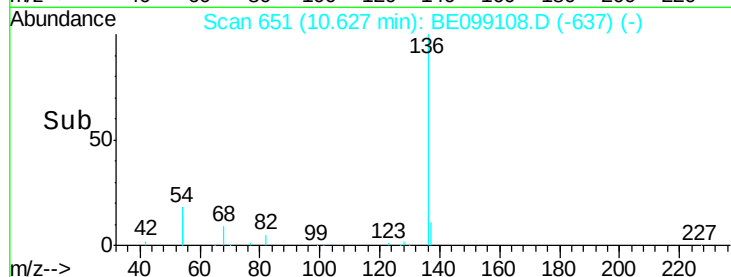


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.547 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.01 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

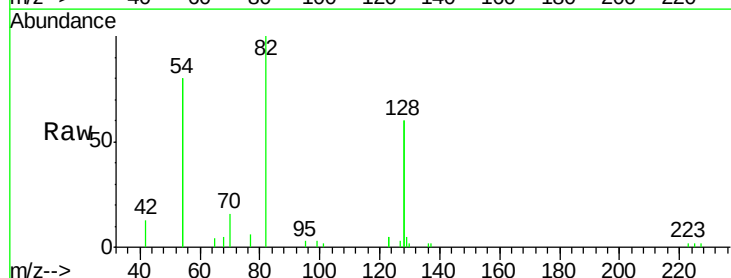
Tgt Ion: 82 Resp: 3915

Ion Ratio Lower Upper

82 100

128 119.3 123.8 185.8#

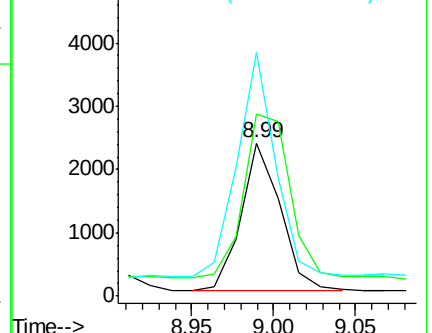
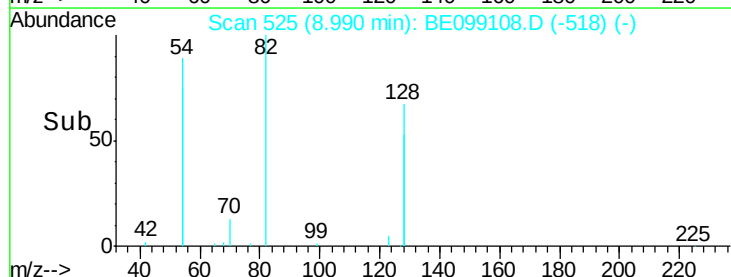
54 159.1 203.4 305.2#

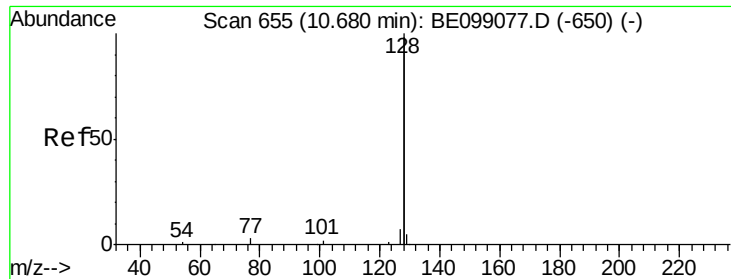


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.322 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099108.D

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PB118173BS

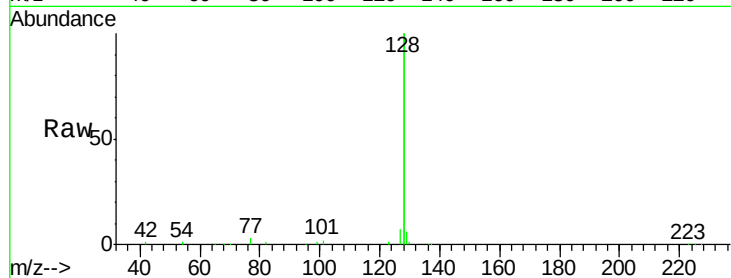
Tgt Ion:128 Resp: 62075

Ion Ratio Lower Upper

128 100

129 2.8 2.6 4.0

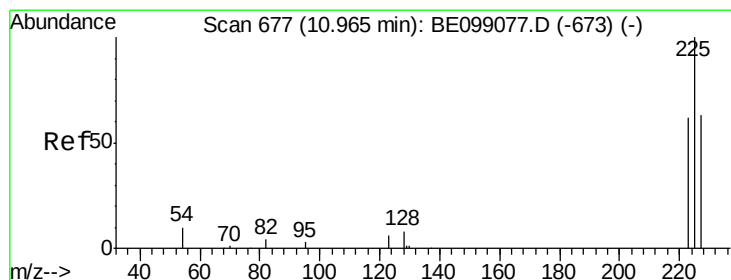
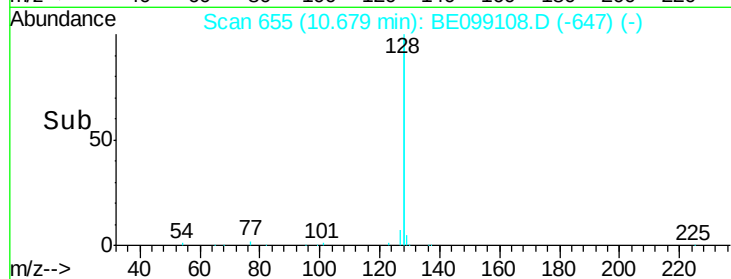
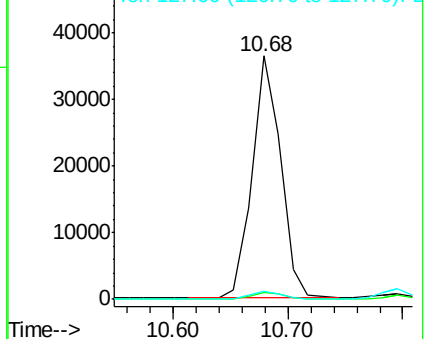
127 3.5 3.1 4.7



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: 0.332 ng

RT: 10.96 min Scan# 677

Delta R.T. -0.00 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

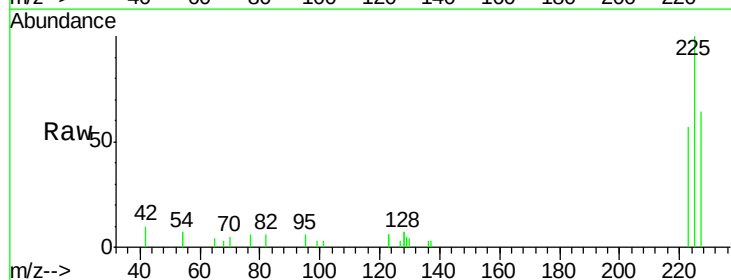
Tgt Ion:225 Resp: 3134

Ion Ratio Lower Upper

225 100

223 61.9 51.1 76.7

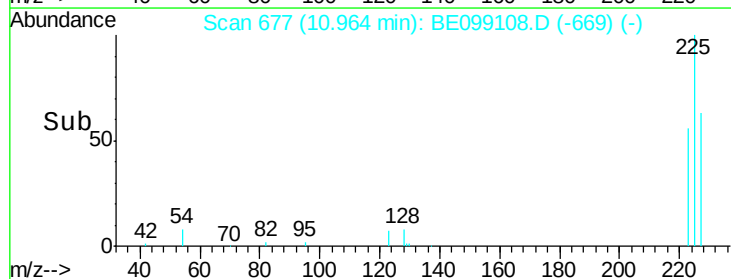
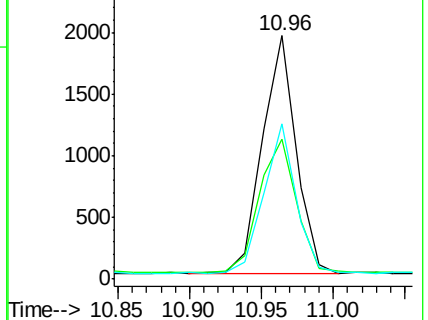
227 60.7 51.6 77.4

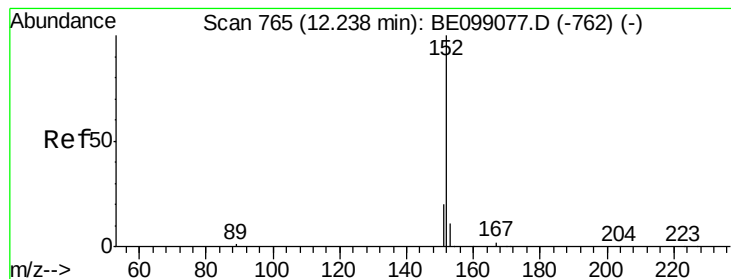


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.479 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.02 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

Instrument :

BNA_E

ClientSampleId :

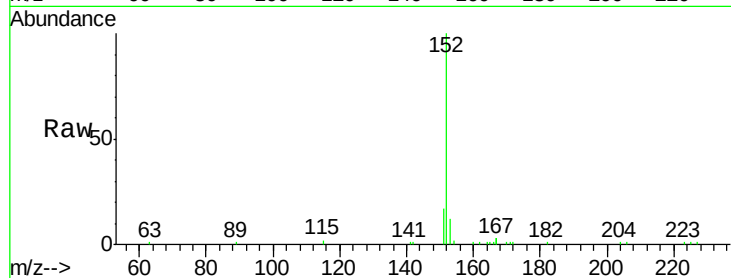
PB118173BS

Tgt Ion:152 Resp: 14122

Ion Ratio Lower Upper

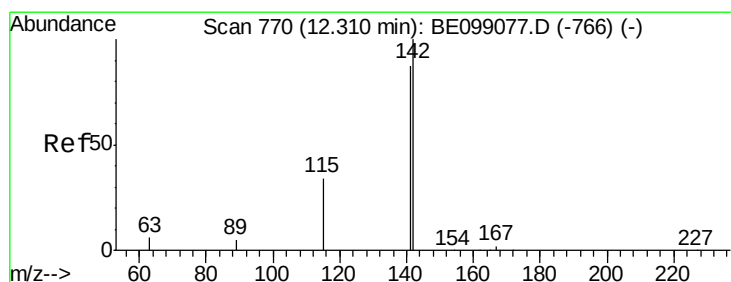
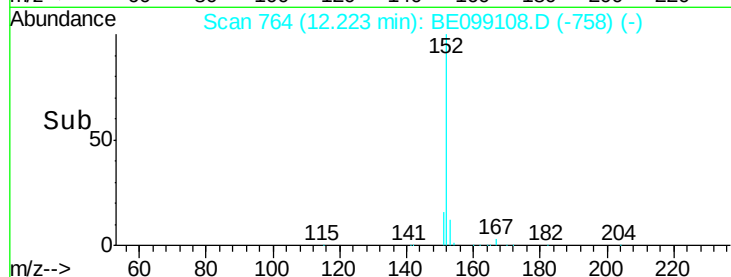
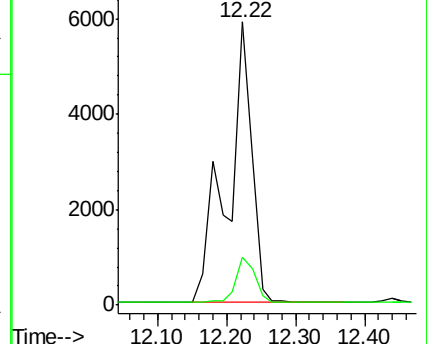
152 100

151 12.6 16.5 24.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.316 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.02 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

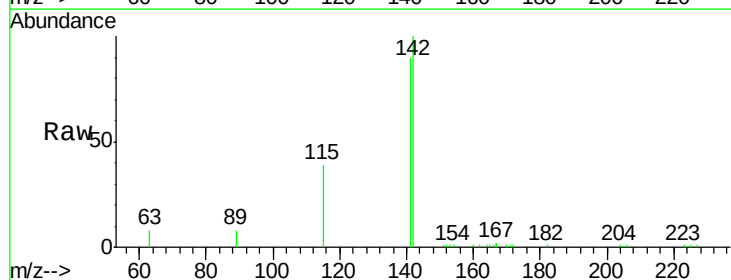
Tgt Ion:142 Resp: 10430

Ion Ratio Lower Upper

142 100

141 90.1 72.6 108.8

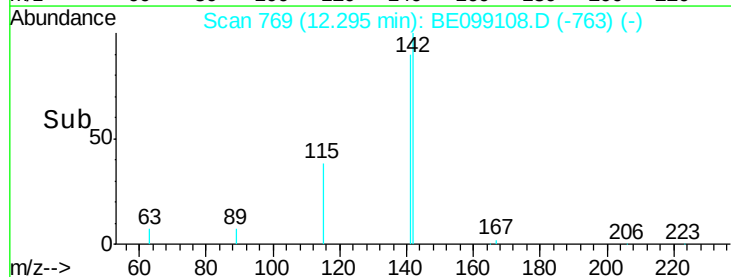
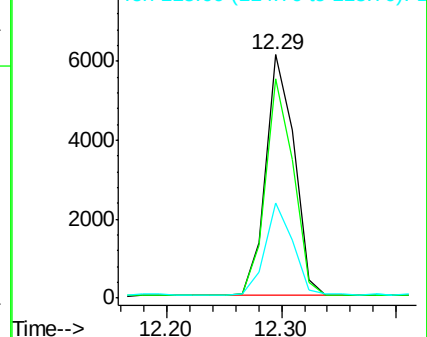
115 39.3 37.4 56.2

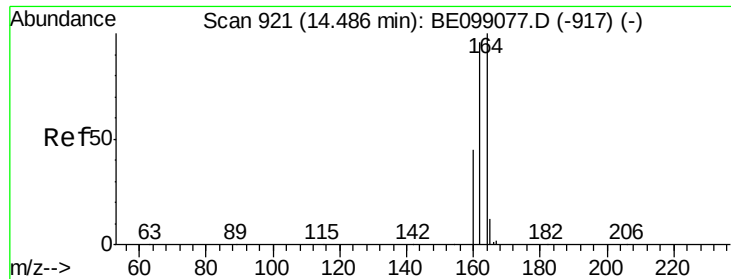


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

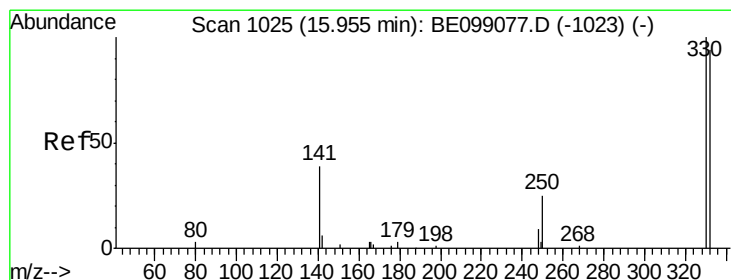
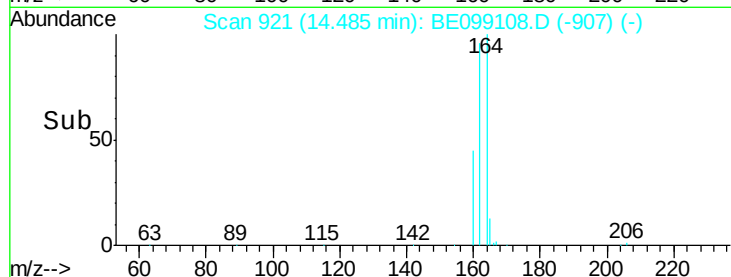
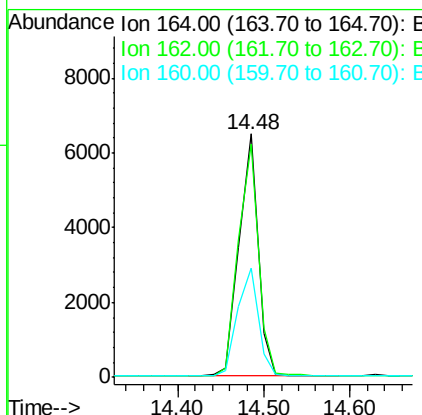
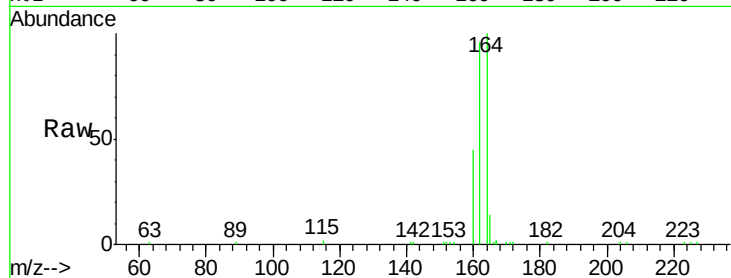




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

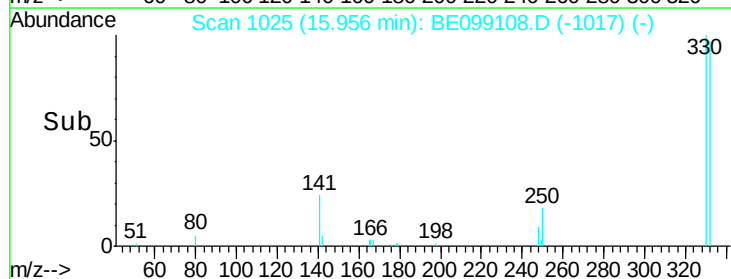
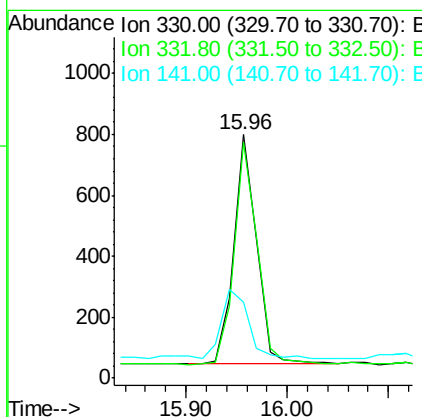
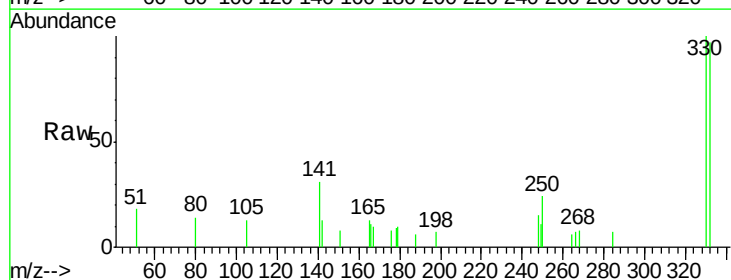
Instrument :
BNA_E
ClientSampleId :
PB118173BS

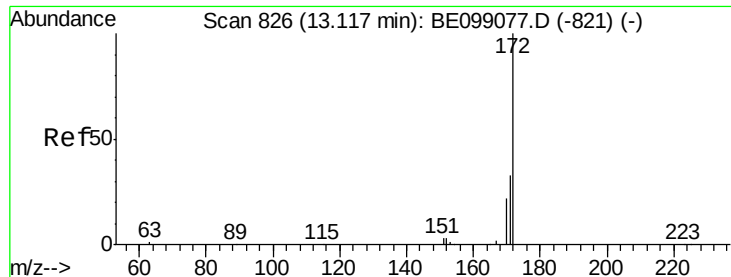
Tgt Ion:164 Resp: 9742
Ion Ratio Lower Upper
164 100
162 95.7 80.2 120.2
160 45.0 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.411 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:330 Resp: 1176
Ion Ratio Lower Upper
330 100
332 98.3 77.6 116.4
141 36.5 31.0 46.4

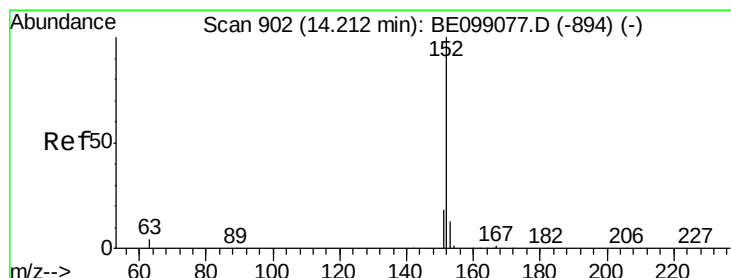
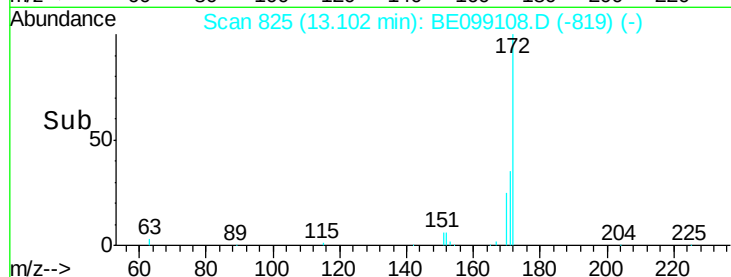
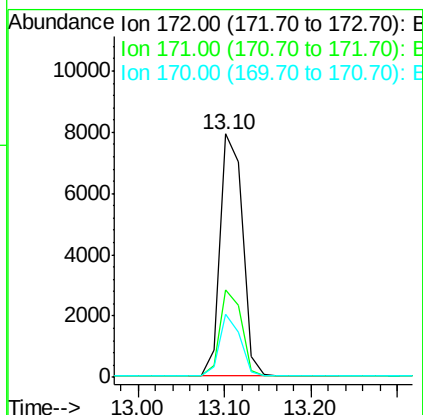
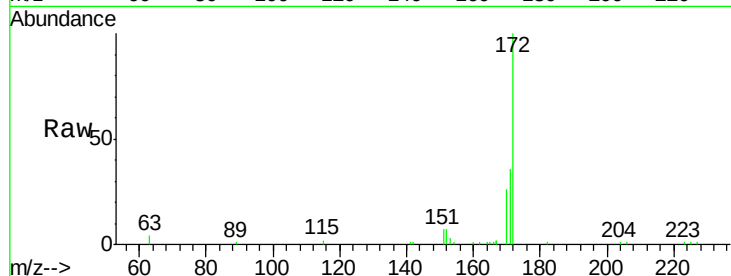




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

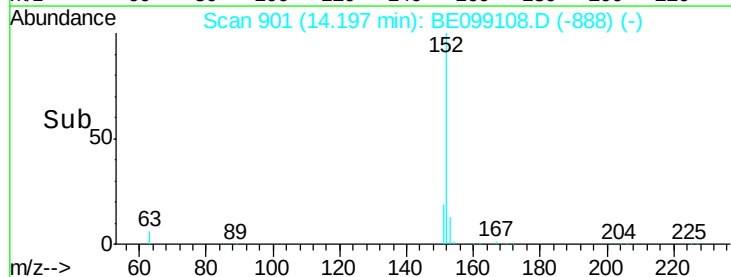
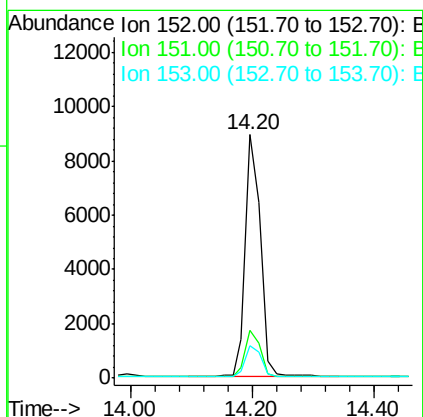
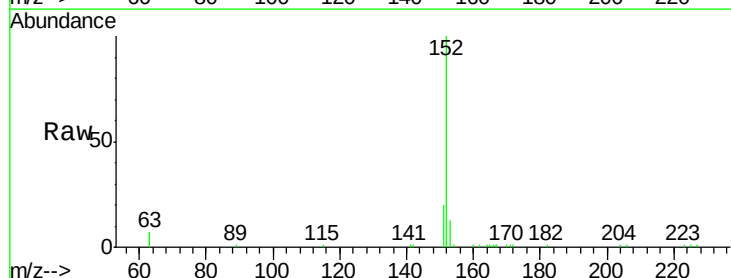
Instrument :
BNA_E
ClientSampleId :
PB118173BS

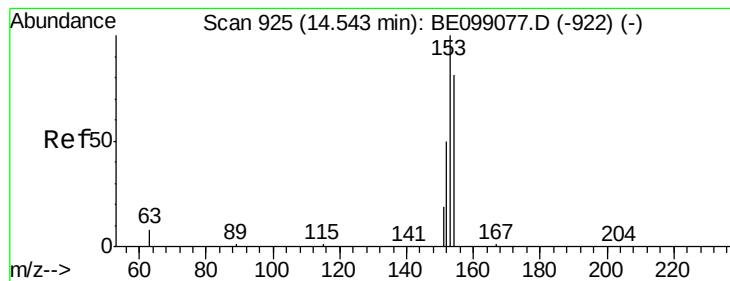
Tgt Ion:172 Resp: 14201
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 26.0 17.7 26.5



#16
Acenaphthylene
Concen: 0.295 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:152 Resp: 15351
Ion Ratio Lower Upper
152 100
151 19.3 17.0 25.6
153 13.3 11.2 16.8





#17

Acenaphthene

Concen: 0.305 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

Instrument :

BNA_E

ClientSampleId :

PB118173BS

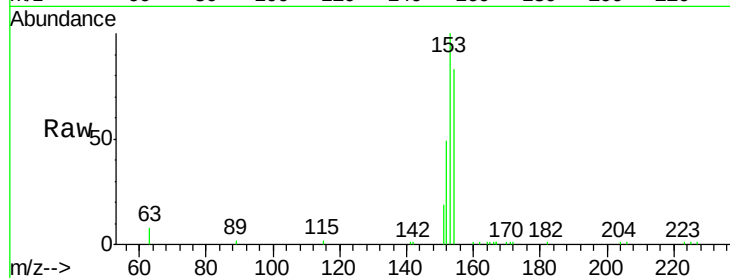
Tgt Ion:154 Resp: 9399

Ion Ratio Lower Upper

154 100

153 118.9 94.2 141.4

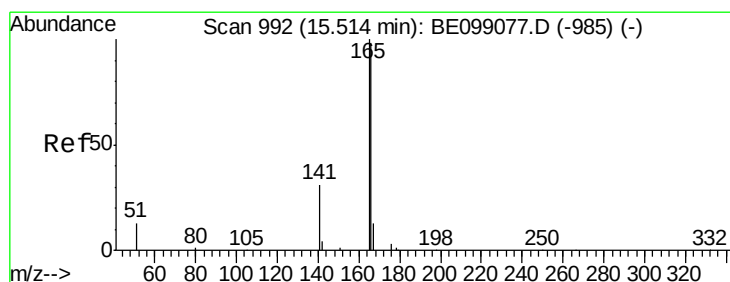
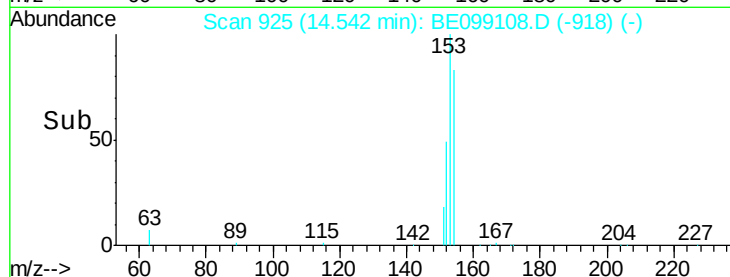
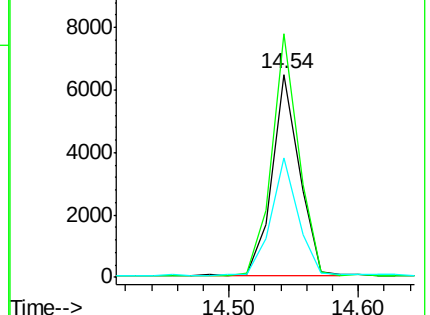
152 58.6 45.0 67.4



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: 0.289 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

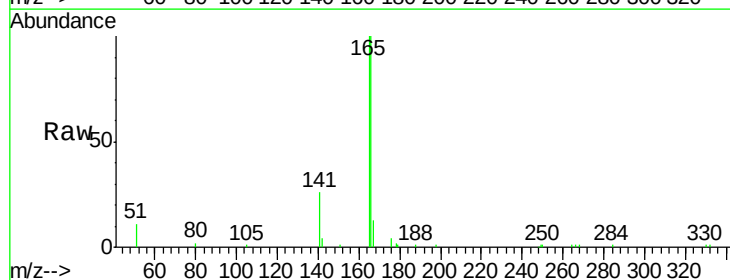
Tgt Ion:166 Resp: 13001

Ion Ratio Lower Upper

166 100

165 100.2 79.3 118.9

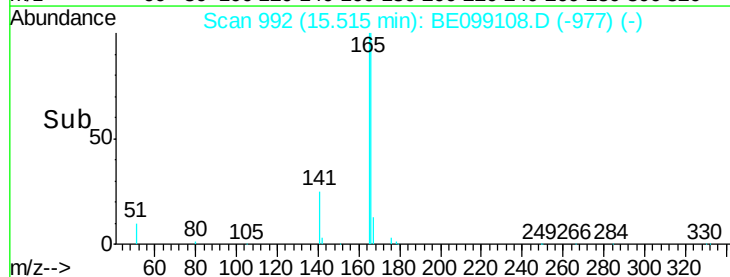
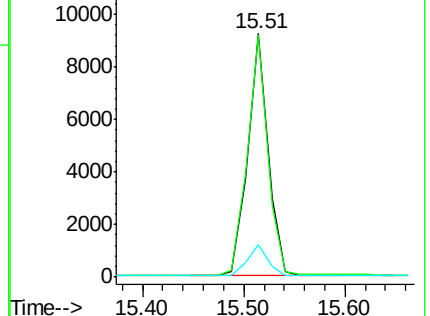
167 13.1 10.5 15.7

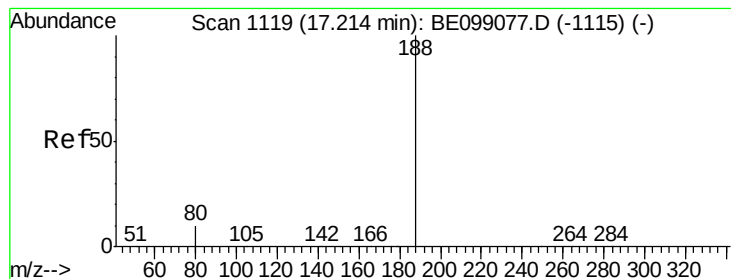


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

Instrument :

BNA_E

ClientSampleId :

PB118173BS

Tgt Ion:188 Resp: 23799

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

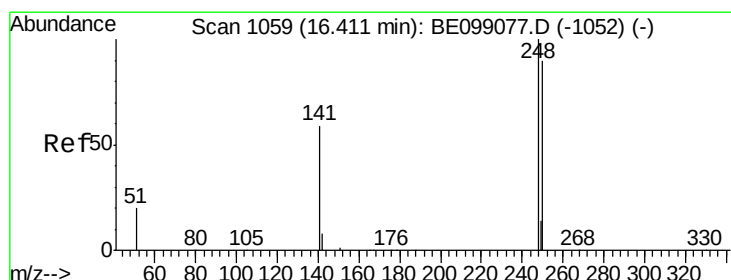
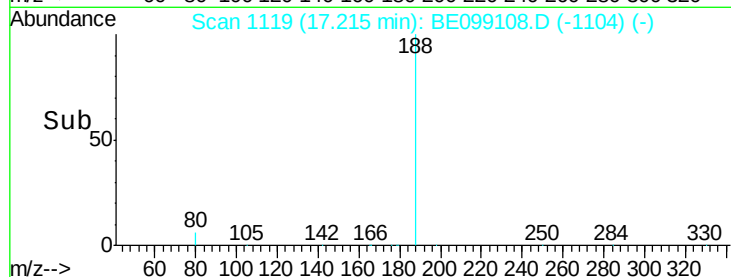
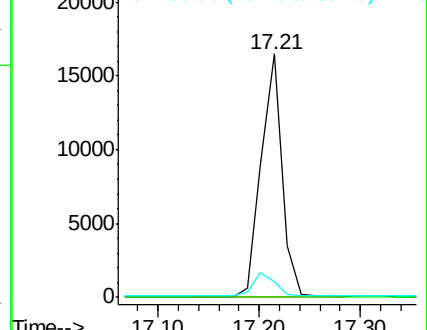
80 6.4 6.3 9.5



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: 0.355 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

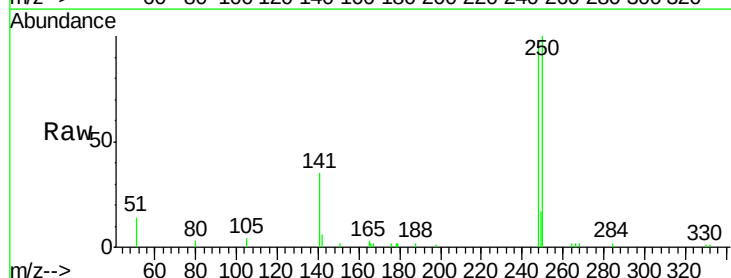
Tgt Ion:248 Resp: 4671

Ion Ratio Lower Upper

248 100

250 102.0 70.6 105.8

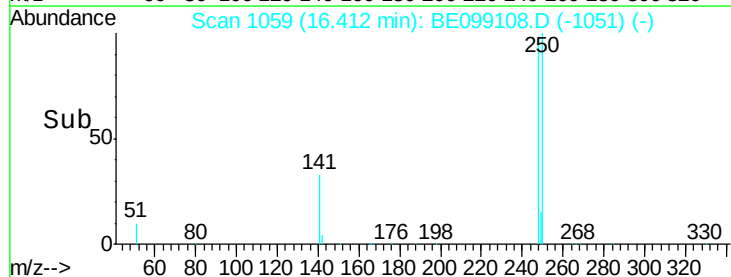
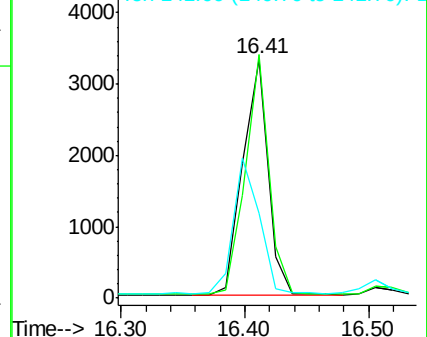
141 35.4 68.6 102.8#

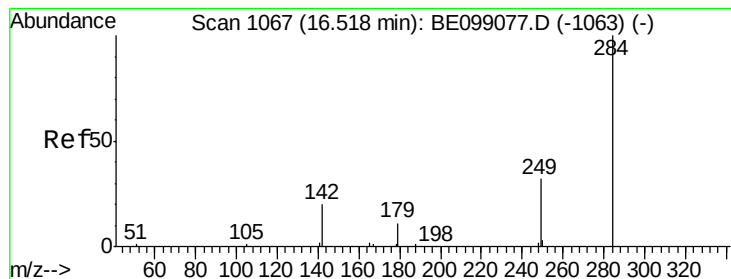


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.348 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

Instrument :

BNA_E

ClientSampleId :

PB118173BS

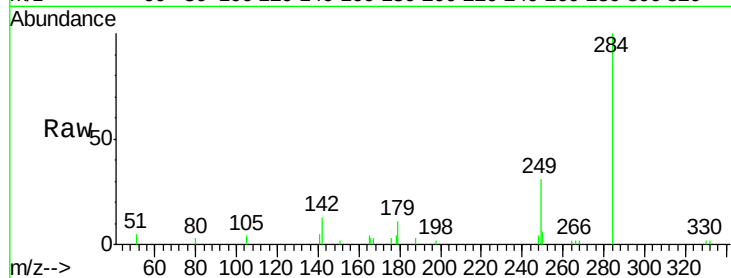
Tgt Ion:284 Resp: 4255

Ion Ratio Lower Upper

284 100

142 30.7 28.7 43.1

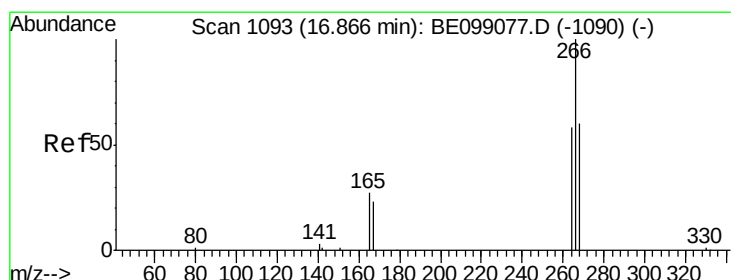
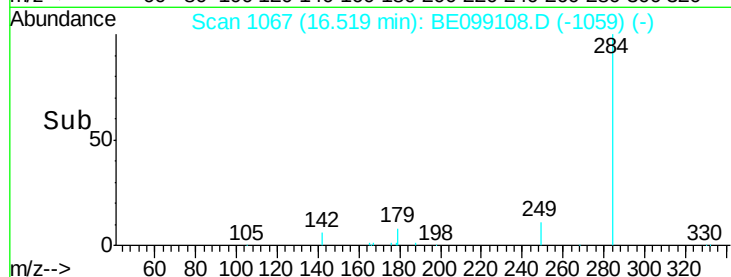
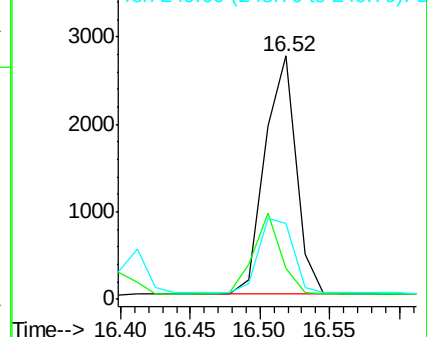
249 34.7 29.6 44.4



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: 0.852 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

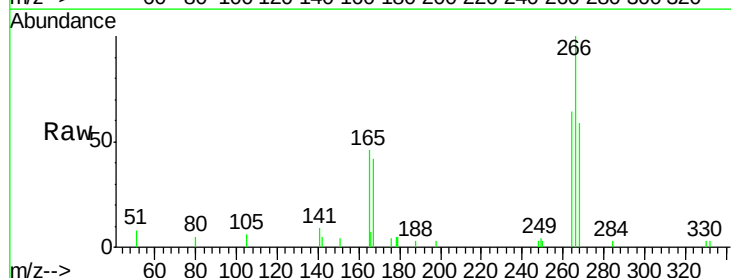
Tgt Ion:266 Resp: 3010

Ion Ratio Lower Upper

266 100

264 64.2 66.6 100.0#

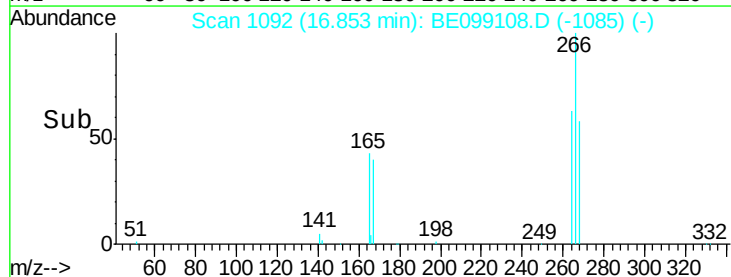
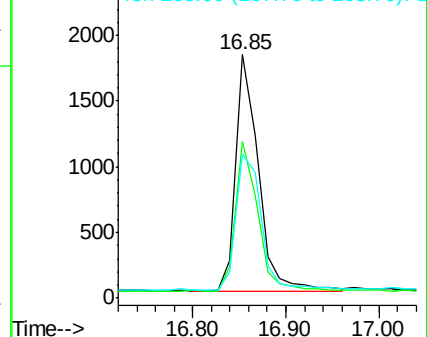
268 59.2 69.8 104.8#

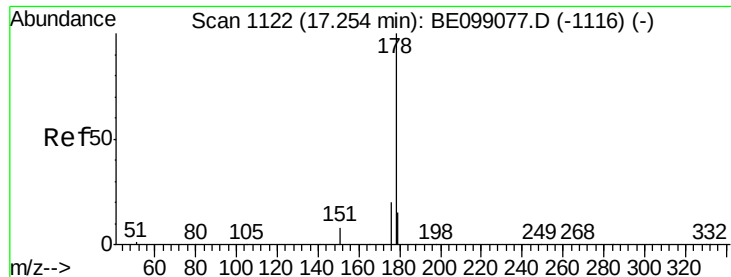


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.315 ng

RT: 17.25 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

Instrument :

BNA_E

ClientSampleId :

PB118173BS

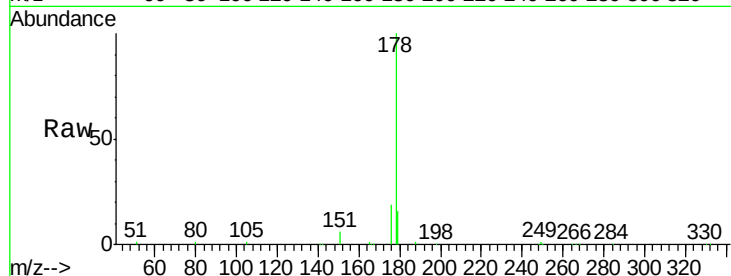
Tgt Ion:178 Resp: 22262

Ion Ratio Lower Upper

178 100

176 18.9 16.0 24.0

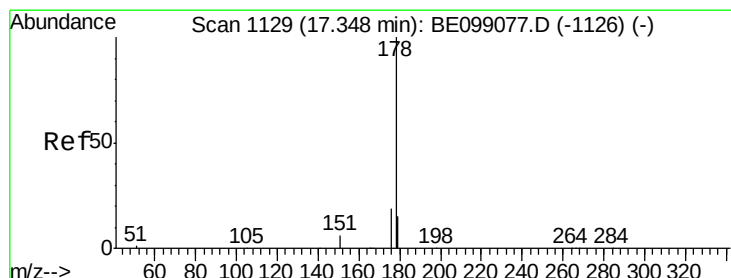
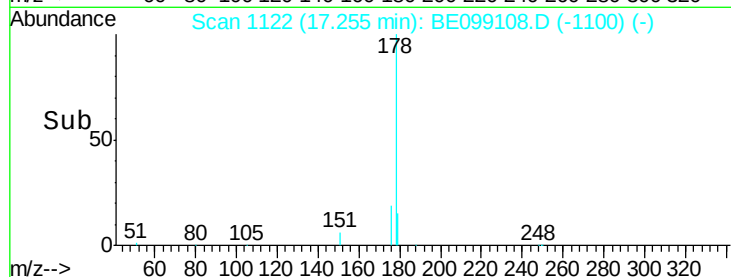
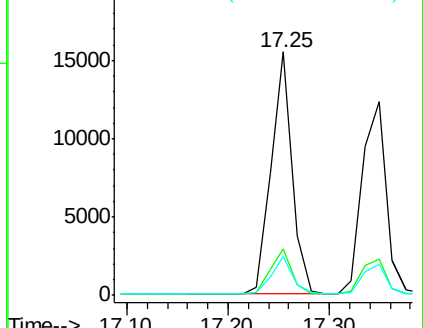
179 15.9 12.1 18.1



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: 0.302 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

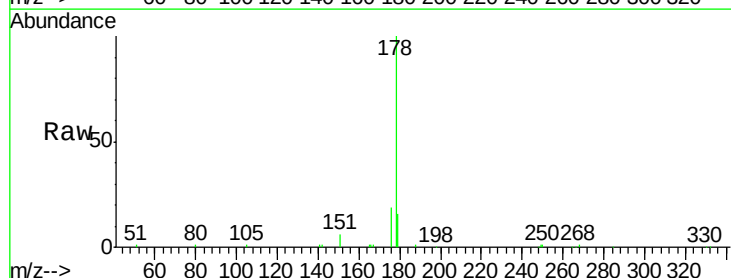
Tgt Ion:178 Resp: 20174

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

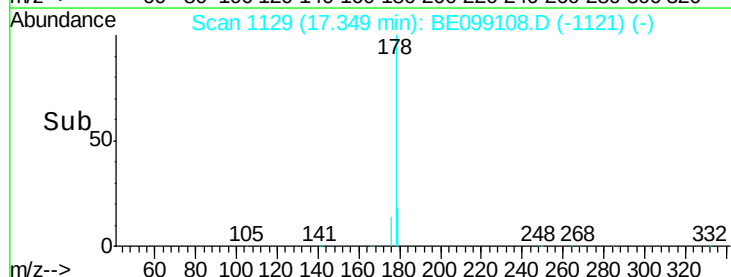
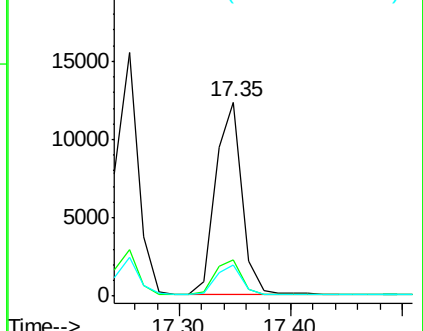
179 15.5 12.2 18.4

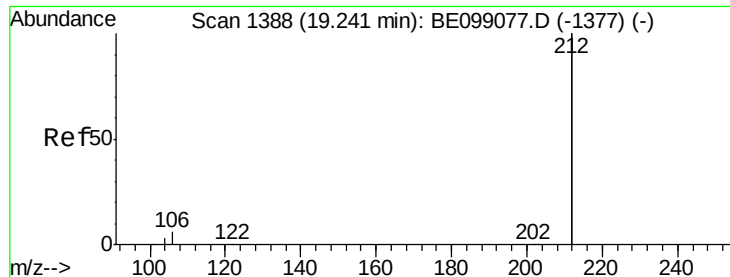


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.284 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

Instrument :

BNA_E

ClientSampleId :

PB118173BS

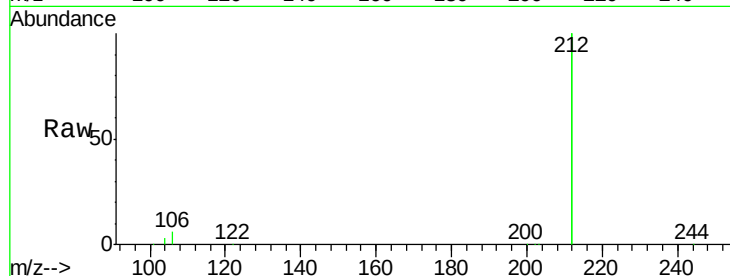
Tgt Ion:212 Resp: 90295

Ion Ratio Lower Upper

212 100

106 2.7 1.8 2.8

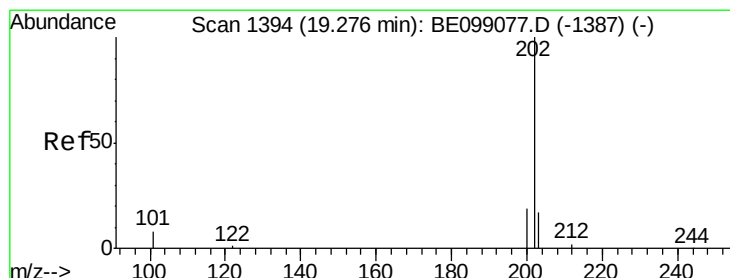
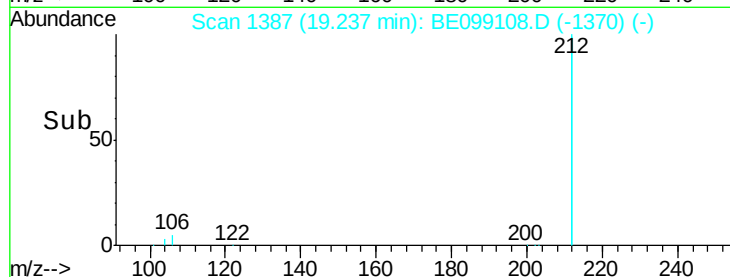
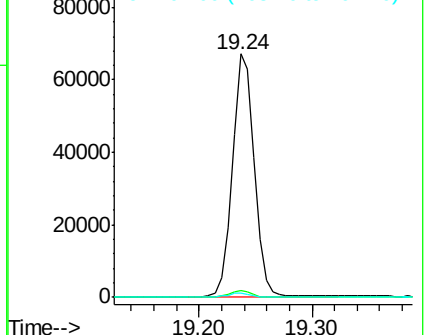
104 1.5 1.0 1.6



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: 0.268 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

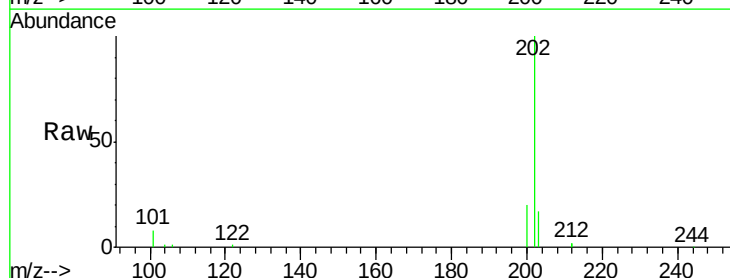
Tgt Ion:202 Resp: 26688

Ion Ratio Lower Upper

202 100

101 9.5 7.3 10.9

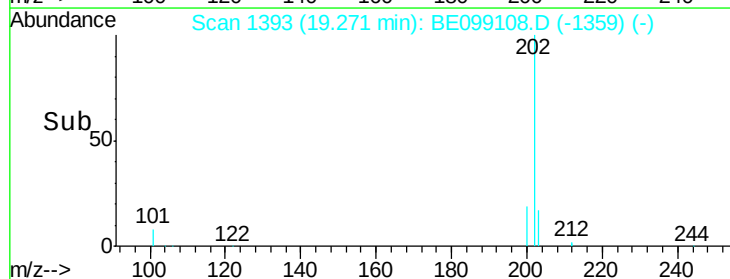
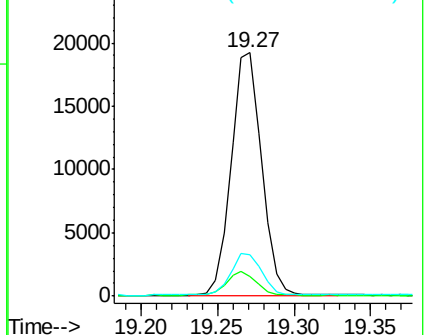
203 17.2 13.4 20.2

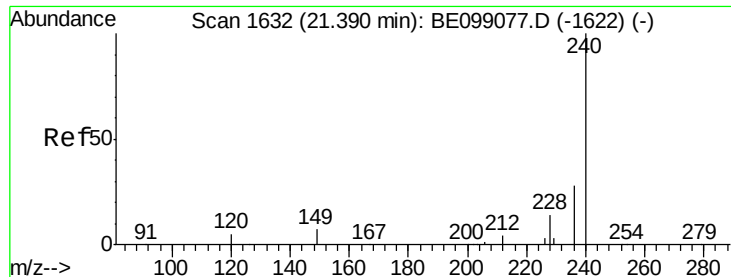


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

Instrument :

BNA_E

ClientSampleId :

PB118173BS

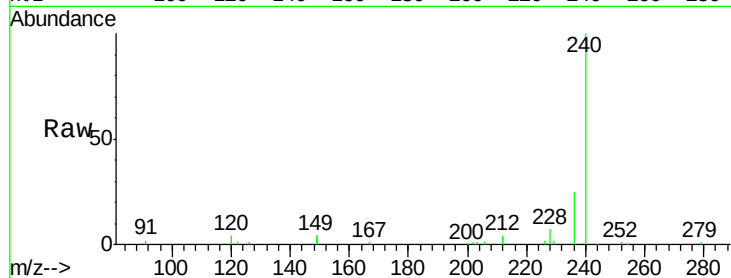
Tgt Ion:240 Resp: 31629

Ion Ratio Lower Upper

240 100

120 4.3 5.0 7.4#

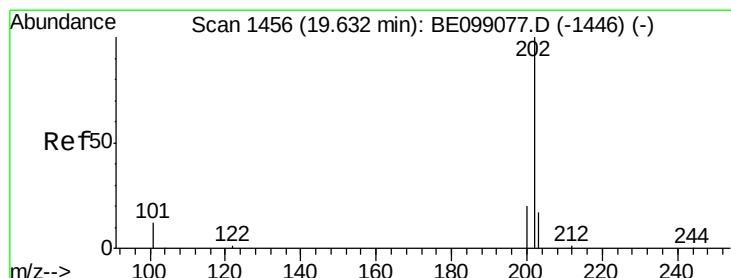
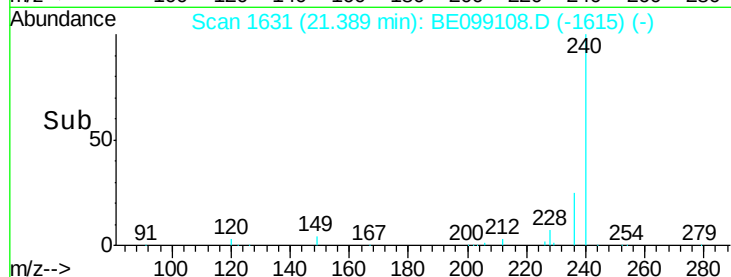
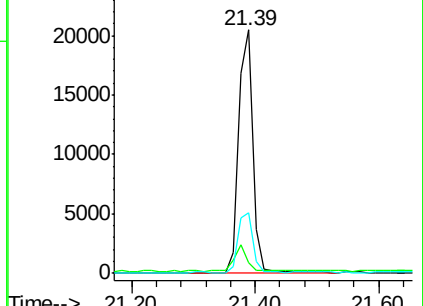
236 24.9 22.7 34.1



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: 0.265 ng

RT: 19.63 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

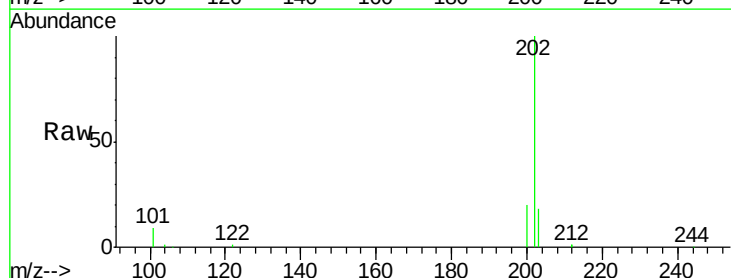
Tgt Ion:202 Resp: 28426

Ion Ratio Lower Upper

202 100

200 20.1 17.0 25.6

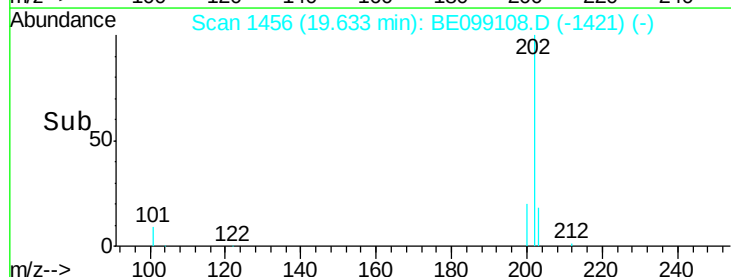
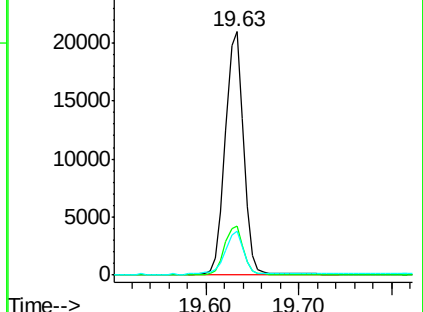
203 18.0 14.2 21.2

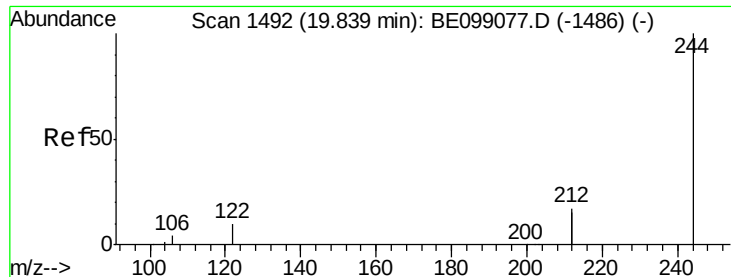


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.276 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

Instrument :

BNA_E

ClientSampleId :

PB118173BS

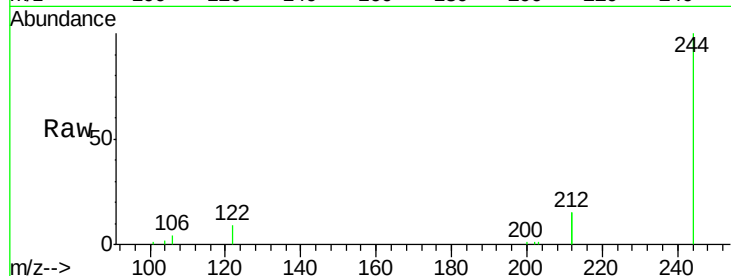
Tgt Ion:244 Resp: 18458

Ion Ratio Lower Upper

244 100

212 30.5 29.4 44.2

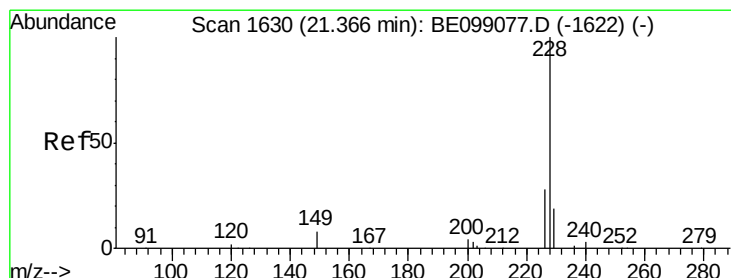
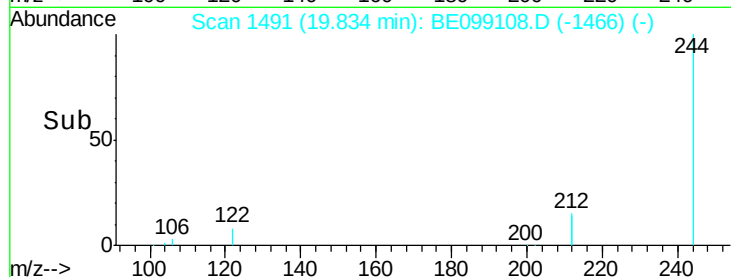
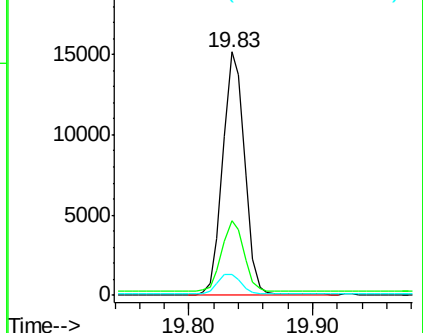
122 8.5 7.1 10.7



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: 0.311 ng

RT: 21.36 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

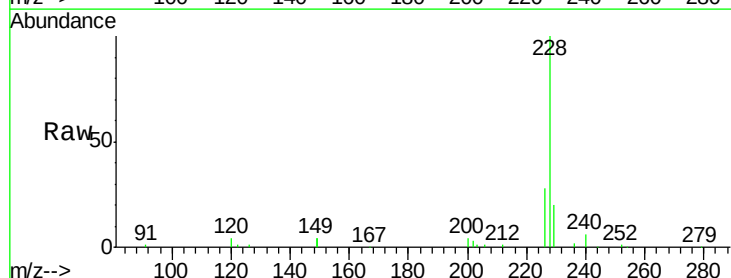
Tgt Ion:228 Resp: 34635

Ion Ratio Lower Upper

228 100

226 27.5 23.0 34.4

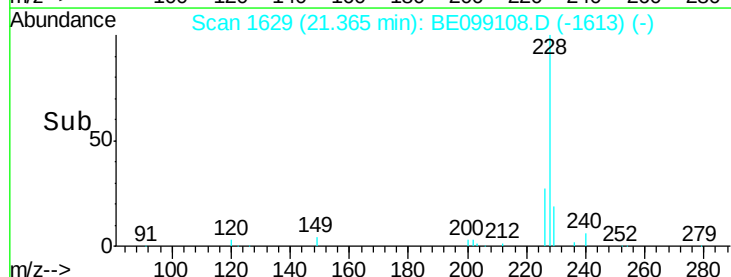
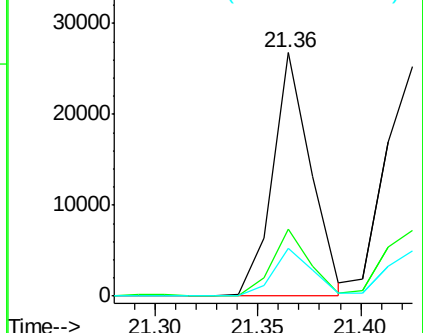
229 19.6 16.5 24.7

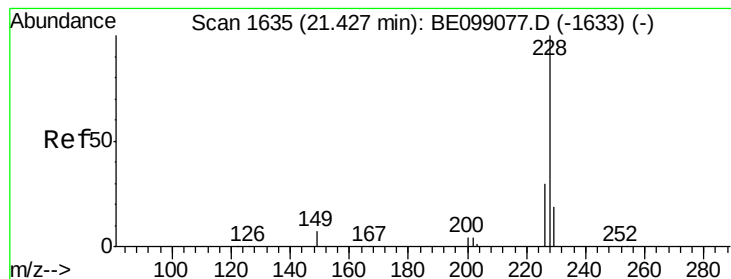


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.322 ng

RT: 21.43 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

Instrument :

BNA_E

ClientSampleId :

PB118173BS

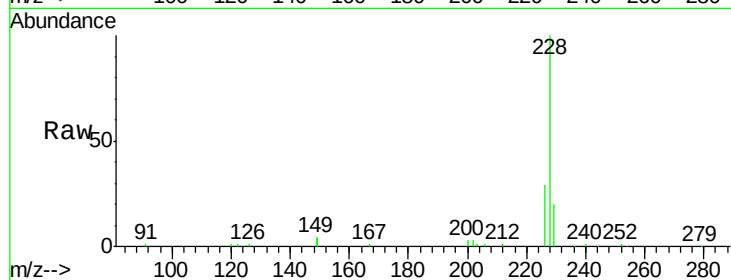
Tgt Ion:228 Resp: 35851

Ion Ratio Lower Upper

228 100

226 28.6 23.7 35.5

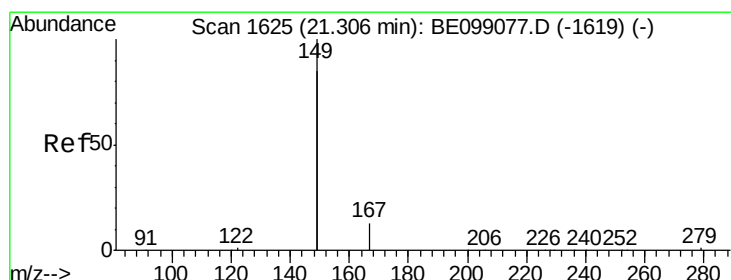
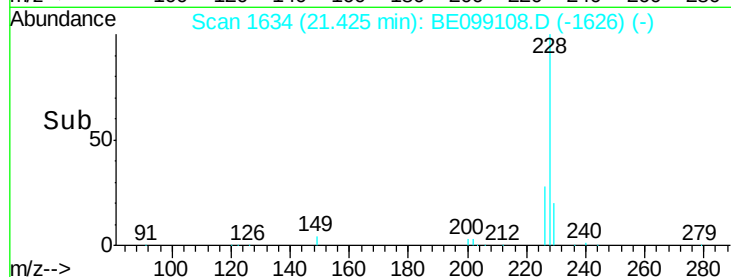
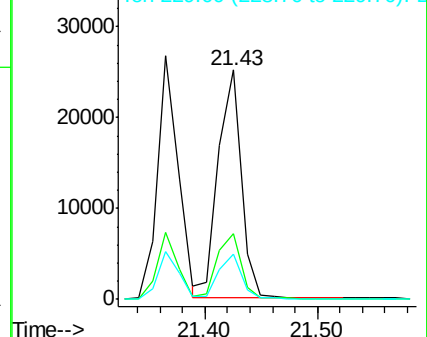
229 20.0 16.1 24.1



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: 0.274 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

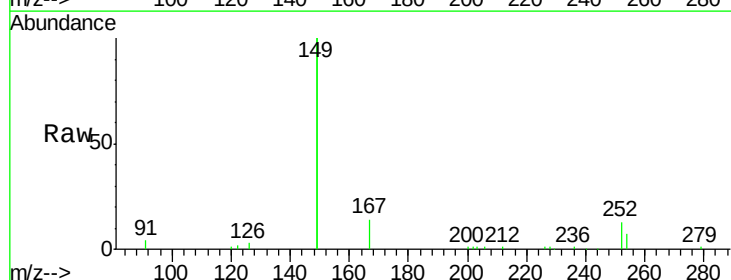
Tgt Ion:149 Resp: 39574

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

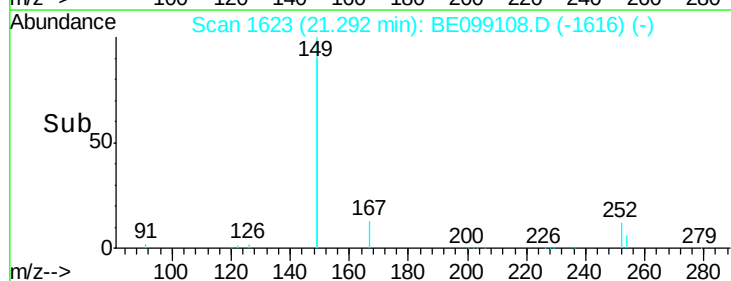
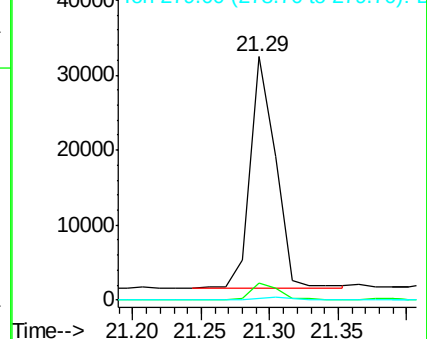
279 1.0 1.0 1.4

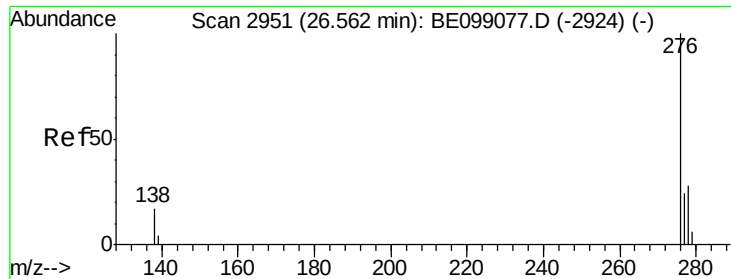


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

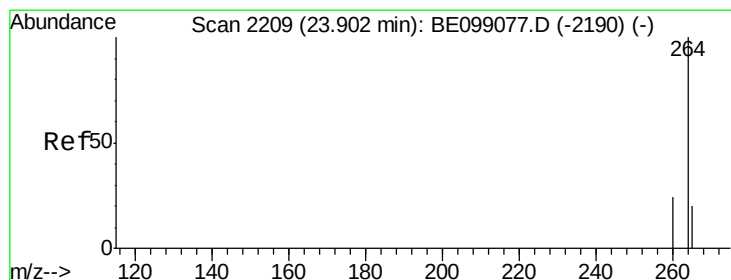
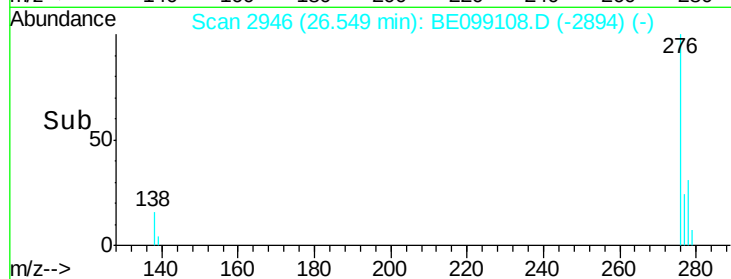
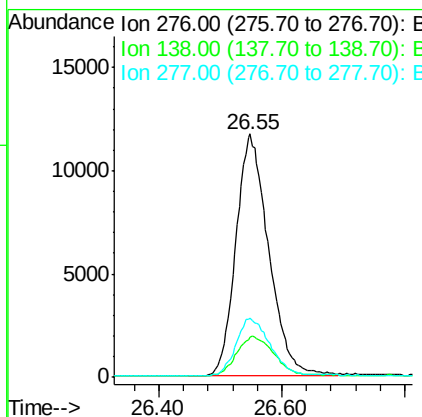
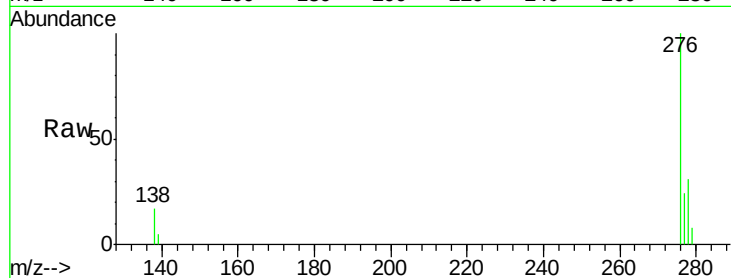




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.363 ng
 RT: 26.55 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BE099108.D
 Acq: 23 Mar 2019 12:37

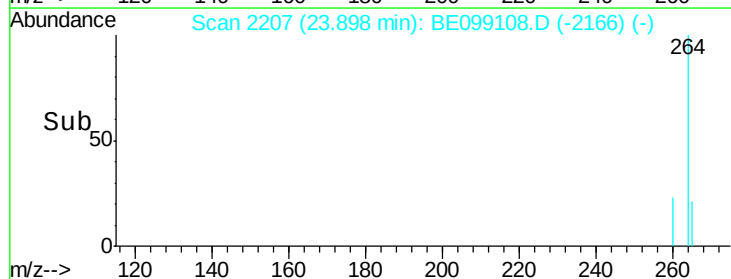
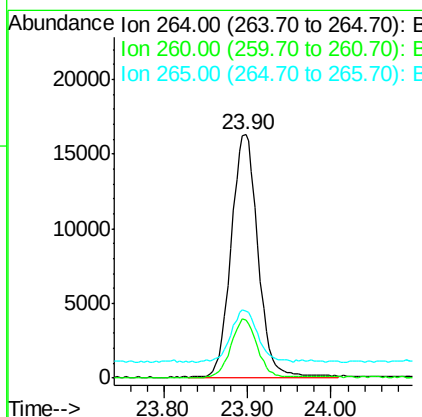
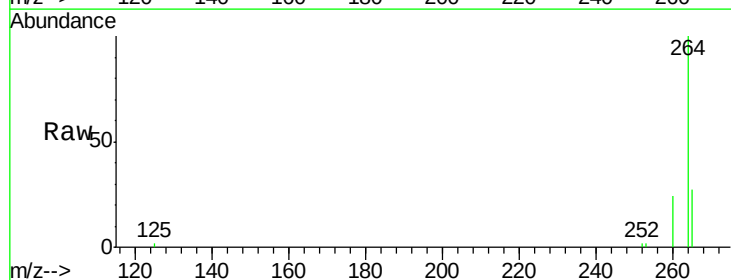
Instrument :
 BNA_E
 ClientSampleId :
 PB118173BS

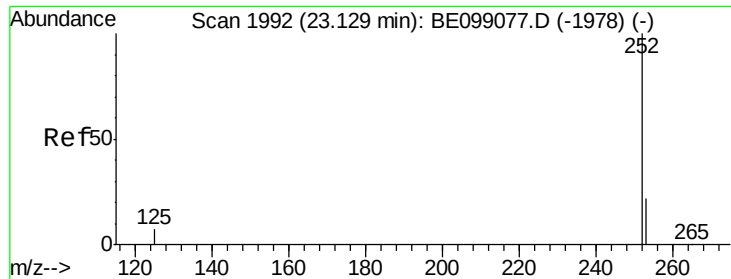
Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	13.8	20.8
277	24.6	19.5	29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE099108.D
 Acq: 23 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.2	31.8
265	27.5	24.6	36.8





#35

Benzo(b)fluoranthene

Concen: 0.303 ng

RT: 23.12 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

Instrument :

BNA_E

ClientSampleId :

PB118173BS

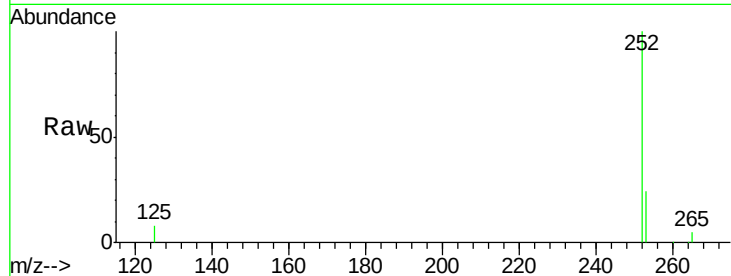
Tgt Ion:252 Resp: 37668

Ion Ratio Lower Upper

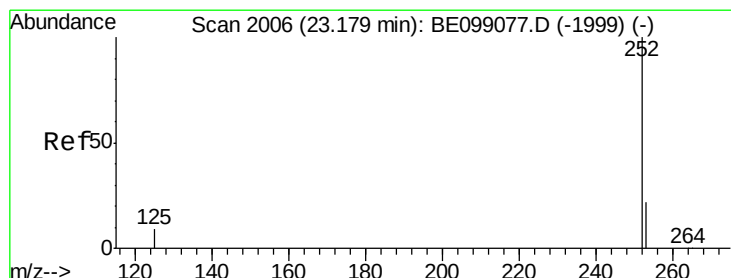
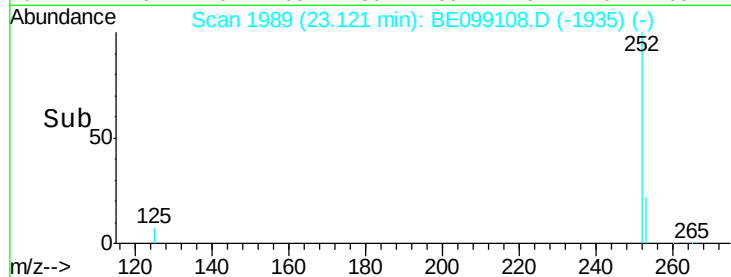
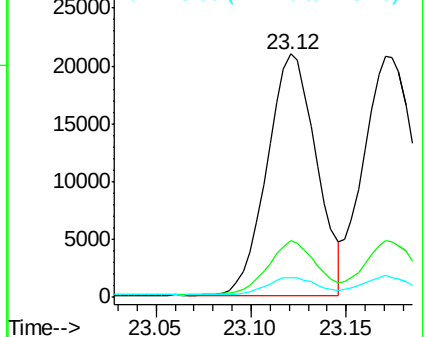
252 100

253 23.6 18.2 27.2

125 8.3 7.3 10.9



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: 0.323 ng

RT: 23.17 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

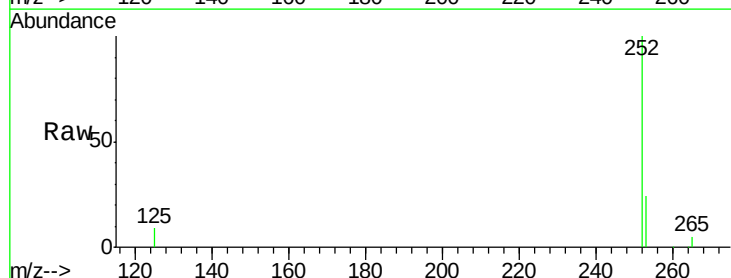
Tgt Ion:252 Resp: 39393

Ion Ratio Lower Upper

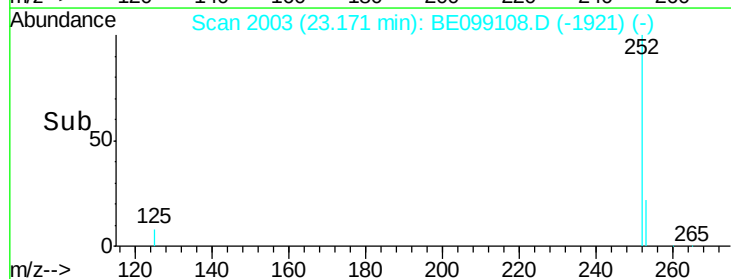
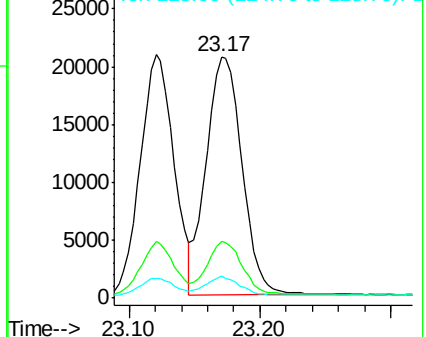
252 100

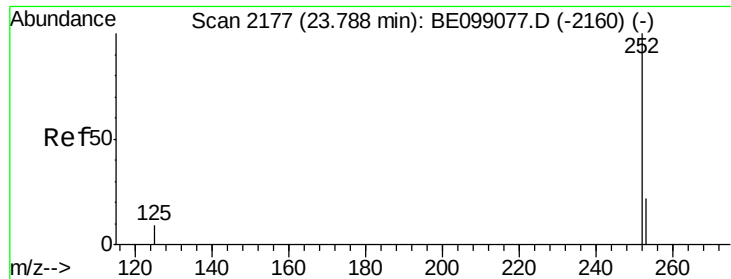
253 23.6 19.3 28.9

125 9.3 7.5 11.3



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: 0.316 ng

RT: 23.78 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

Instrument :

BNA_E

ClientSampleId :

PB118173BS

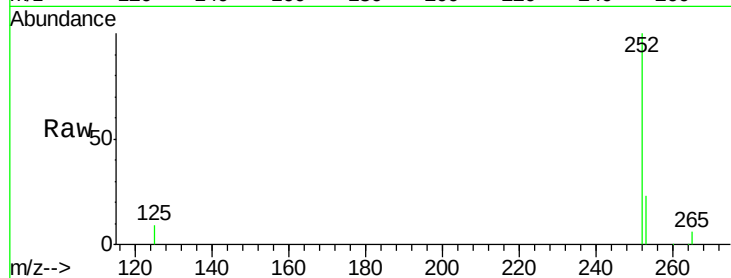
Tgt Ion:252 Resp: 36382

Ion Ratio Lower Upper

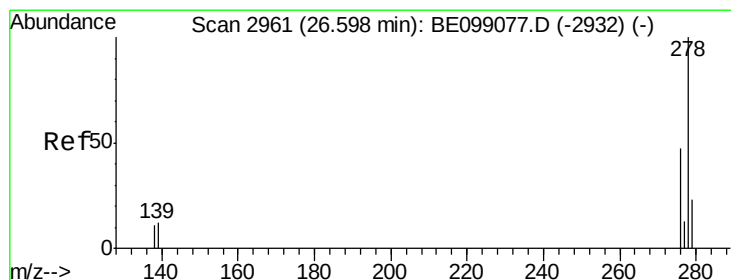
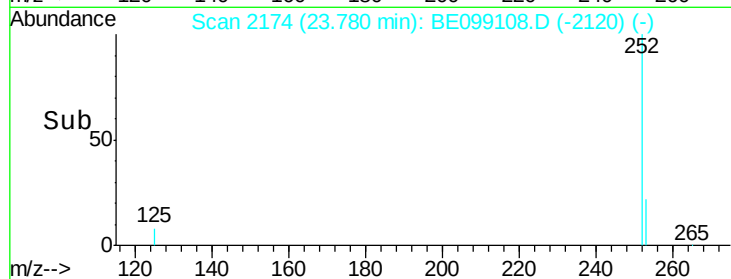
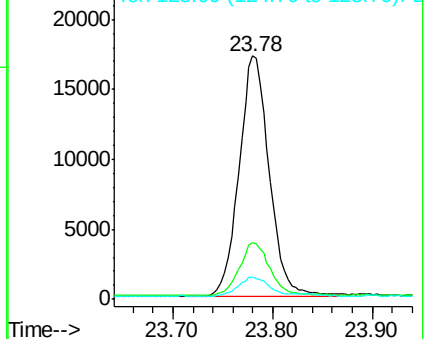
252 100

253 23.2 19.9 29.9

125 9.2 9.0 13.4



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: 0.322 ng

RT: 26.58 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BE099108.D

Acq: 23 Mar 2019 12:37

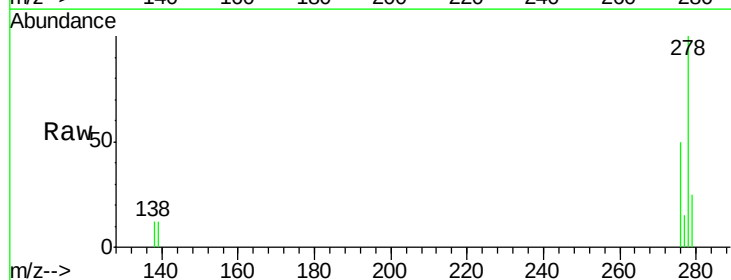
Tgt Ion:278 Resp: 36013

Ion Ratio Lower Upper

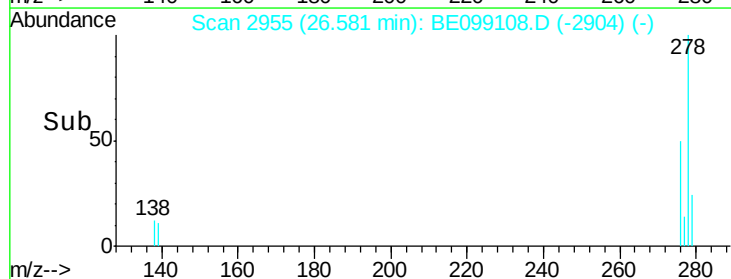
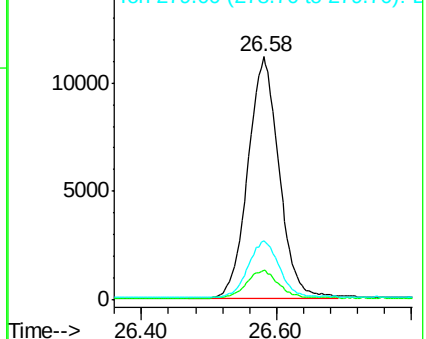
278 100

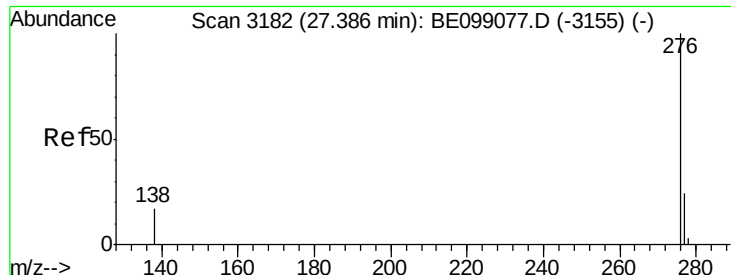
139 12.1 11.8 17.6

279 24.5 21.1 31.7



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: 0.324 ng

RT: 27.37 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BE099108.D

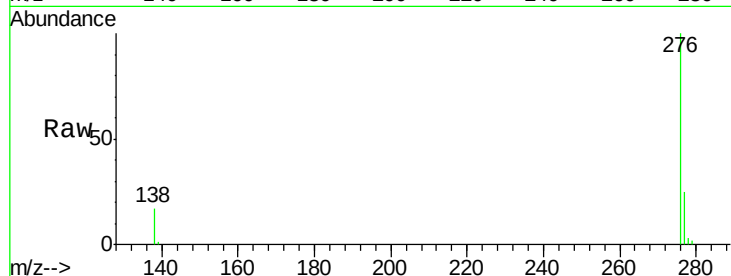
Acq: 23 Mar 2019 12:37

Instrument :

BNA_E

ClientSampleId :

PB118173BS



Tgt Ion: 276 Resp: 37202

Ion Ratio Lower Upper

276 100

277 25.4 20.4 30.6

138 16.6 13.6 20.4

