

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061019\
 Data File : BE099908.D
 Acq On : 11 Jun 2019 1:57
 Operator : JU/SJ
 Sample : K3257-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE103D3-20190605

Quant Time: Jun 11 06:01:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	706	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2283	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1929	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6080	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9101	0.40	ng	0.00
34) Perylene-d12	23.93	264	10314	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	267	0.14	ng	0.00
5) Phenol-d6	6.99	99	155	0.06	ng	0.02
8) Nitrobenzene-d5	8.99	82	800	0.37	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	1527	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	395	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3060	0.42	ng	0.00
25) Fluoranthene-d10	19.25	212	36589	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	9563	0.58	ng	0.00

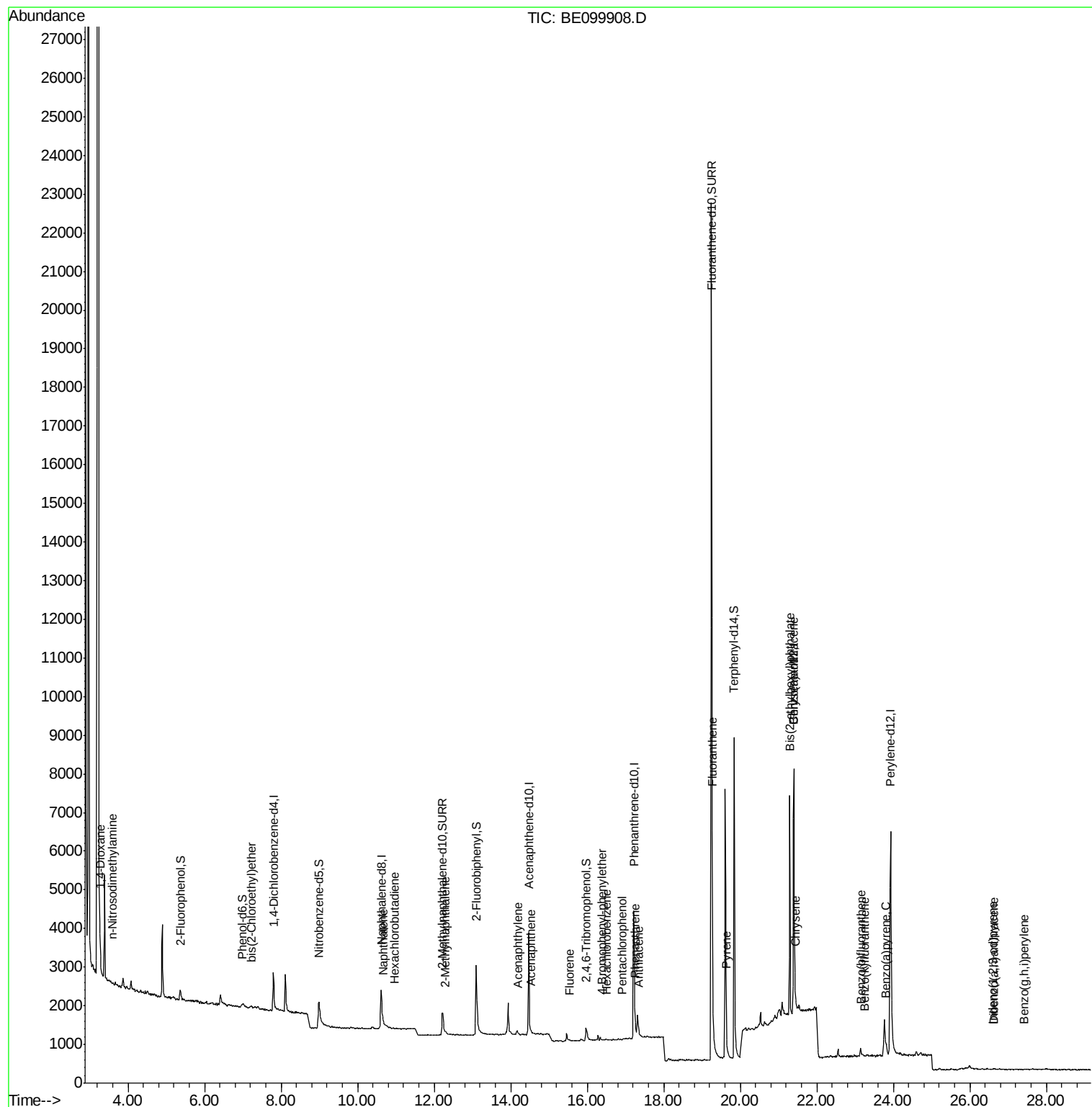
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	457	0.437	ng	# 81
3) n-Nitrosodimethylamine	3.59	42	10	0.017	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	34	0.017	ng	# 77
9) Naphthalene	10.67	128	181	0.007	ng	# 54
10) Hexachlorobutadiene	10.96	225	2	0.001	ng	# 22
12) 2-Methylnaphthalene	12.30	142	38	0.009	ng	# 63
16) Acenaphthylene	14.18	152	21	0.002	ng	# 80
17) Acenaphthene	14.53	154	5	0.001	ng	# 1
18) Fluorene	15.53	166	35	0.004	ng	# 10
20) 4-Bromophenyl-phenylether	16.37	248	2	0.001	ng	# 64
21) Hexachlorobenzene	16.49	284	12	0.003	ng	# 51
22) Pentachlorophenol	16.92	266	9	0.305	ng	# 79
23) Phenanthrene	17.25	178	114	0.008	ng	# 77
24) Anthracene	17.35	178	14	0.001	ng	# 61
26) Fluoranthene	19.27	202	58	0.002	ng	# 86
28) Pyrene	19.64	202	52	0.002	ng	# 61
30) Benzo(a)anthracene	21.40	228	56	0.002	ng	# 1
31) Chrysene	21.44	228	46	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.29	149	6232	0.160	ng	100
33) Indeno(1,2,3-cd)pyrene	26.62	276	8	0.000	ng	# 57
35) Benzo(b)fluoranthene	23.14	252	34	0.001	ng	# 1
36) Benzo(k)fluoranthene	23.25	252	4	0.000	ng	# 1
37) Benzo(a)pyrene	23.82	252	34	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.64	278	2	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.44	276	1	0.000	ng	# 1

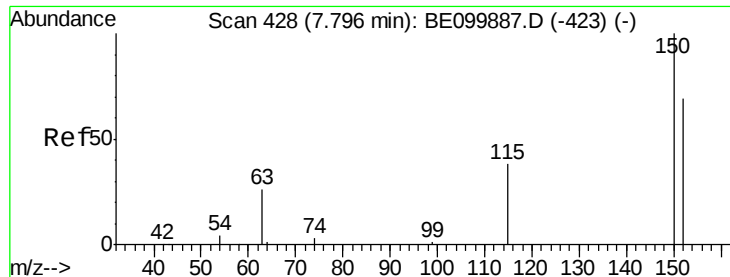
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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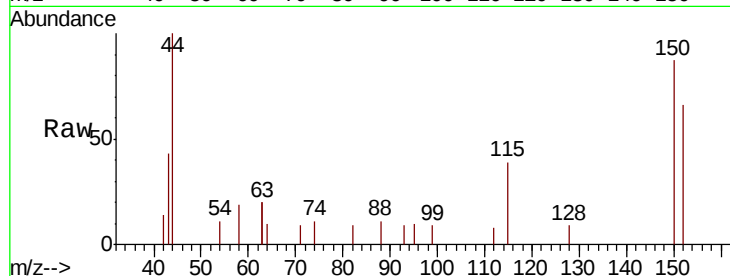


#1

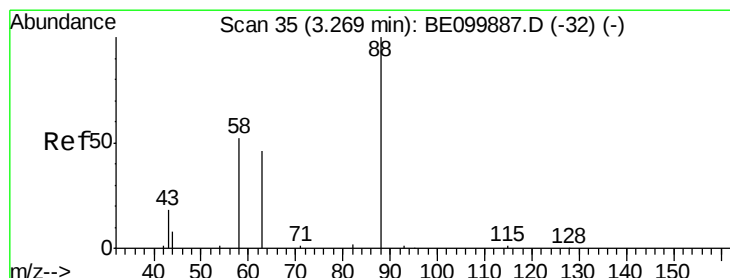
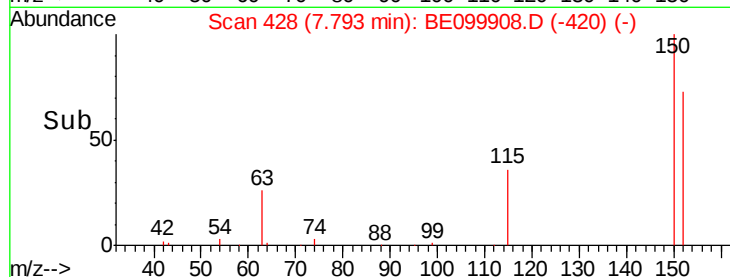
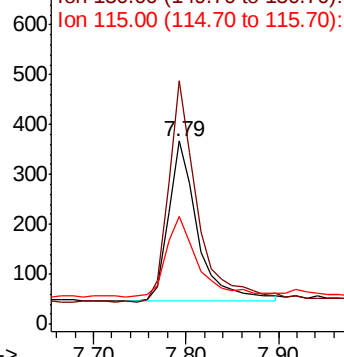
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099908.D
Acq: 11 Jun 2019 1:57

Instrument :
BNA_E
ClientSampleId :
RE103D3-20190605

Tgt Ion: 152 Resp: 706
Ion Ratio Lower Upper
152 100
150 133.0 111.0 166.6
115 58.9 50.7 76.1



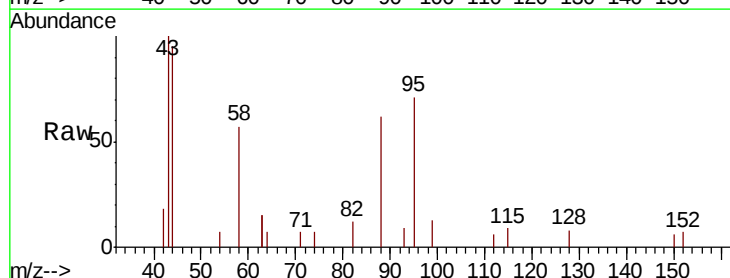
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



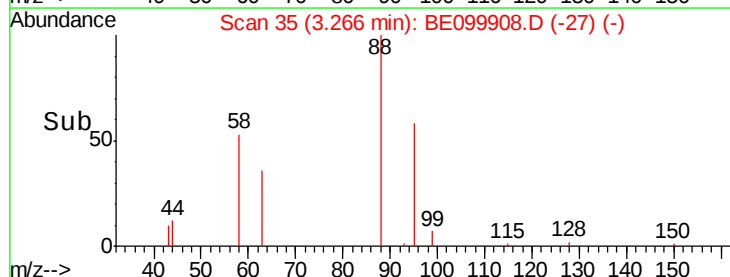
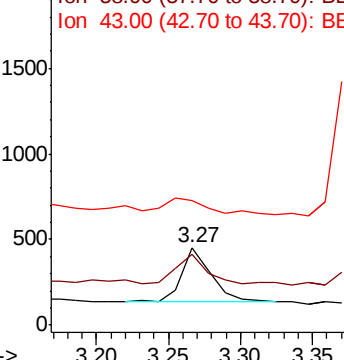
#2

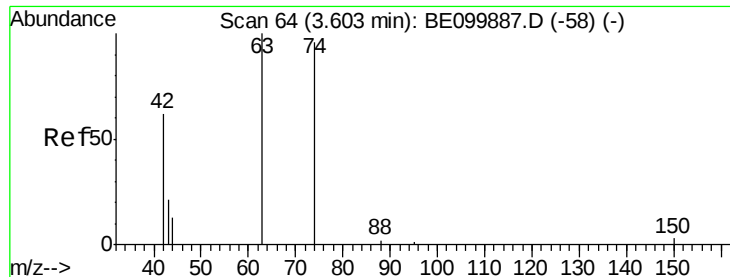
1,4-Dioxane
Concen: 0.437 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099908.D
Acq: 11 Jun 2019 1:57

Tgt Ion: 88 Resp: 457
Ion Ratio Lower Upper
88 100
58 51.6 48.8 73.2
43 42.5 19.0 28.6#



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: 0.017 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.01 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190605

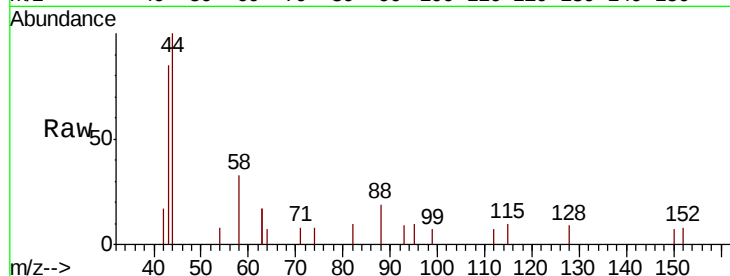
Tgt Ion: 42 Resp: 10

Ion Ratio Lower Upper

42 100

74 30.0 0.0 0.0#

44 0.0 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

800

600

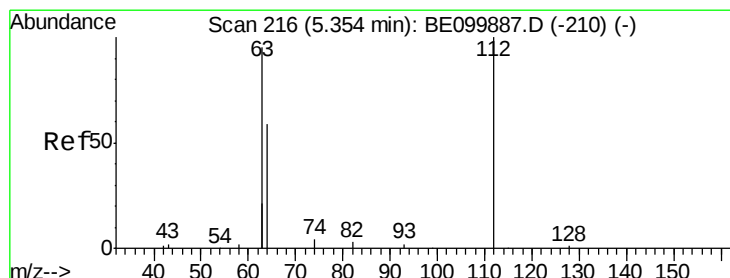
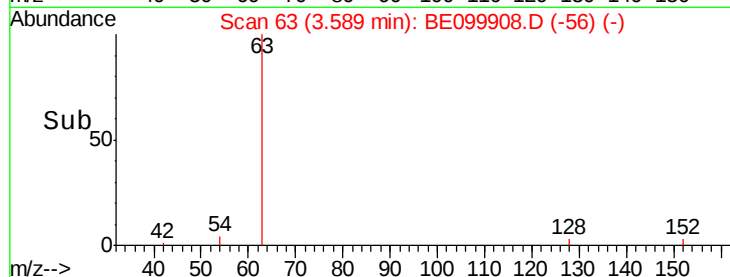
400

200

0

3.58 3.60 3.62

Time-->



#4

2-Fluorophenol

Concen: 0.140 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

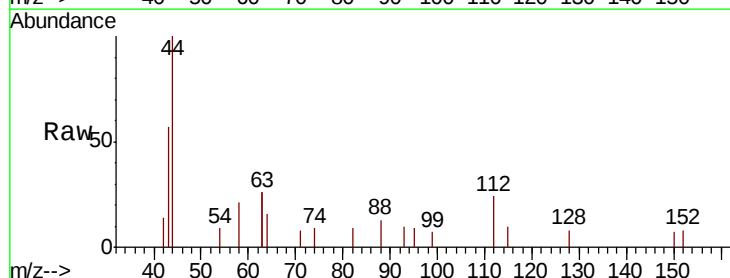
Tgt Ion: 112 Resp: 267

Ion Ratio Lower Upper

112 100

64 59.2 44.1 66.1

63 142.3 87.8 131.6#



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

400

300

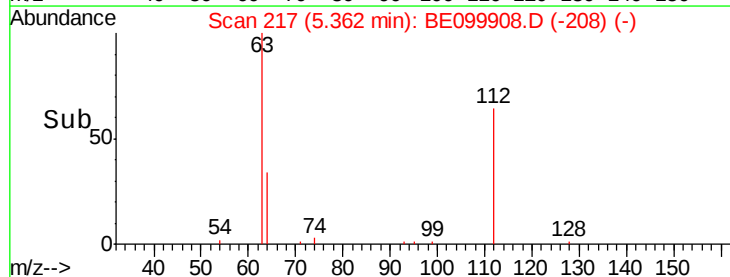
200

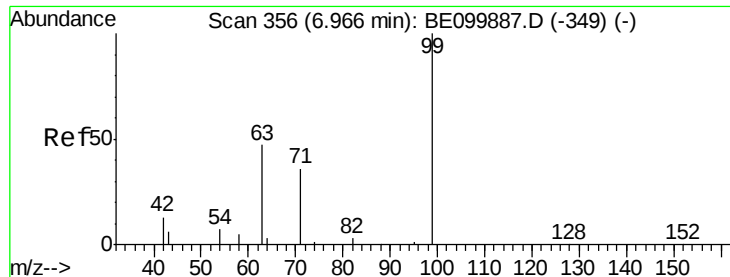
100

0

5.30 5.40 5.50

Time-->





#5

Phenol-d6

Concen: 0.063 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190605

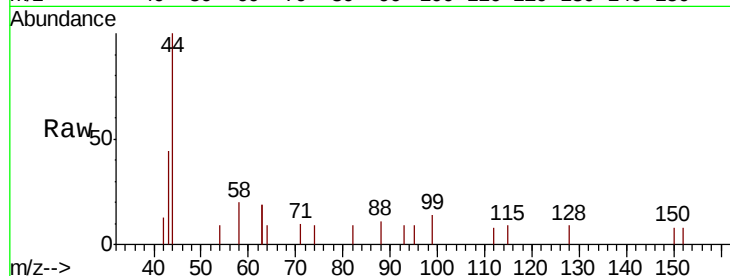
Tgt Ion: 99 Resp: 155

Ion Ratio Lower Upper

99 100

42 12.9 15.9 23.9#

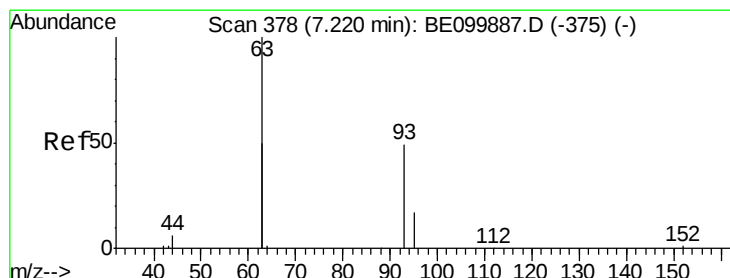
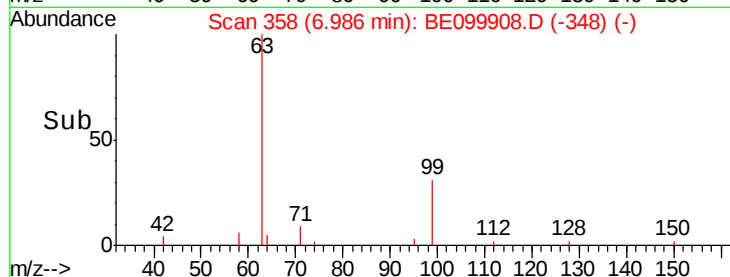
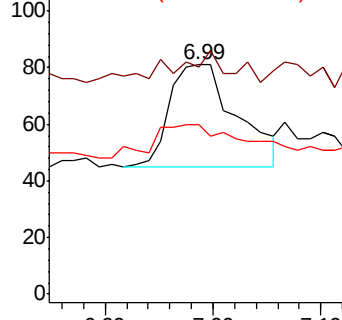
71 0.0 34.6 52.0#



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: 0.017 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

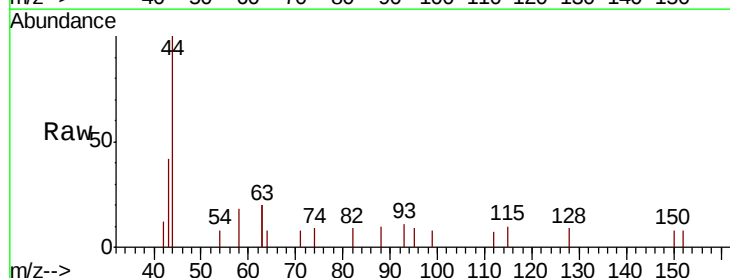
Tgt Ion: 93 Resp: 34

Ion Ratio Lower Upper

93 100

63 211.8 202.8 304.2

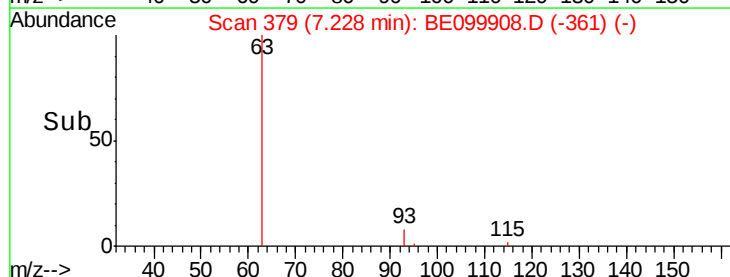
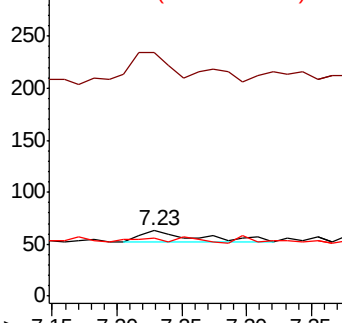
95 20.6 23.7 35.5#

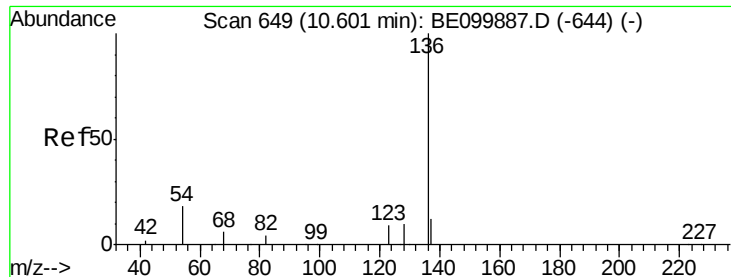


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190605

Tgt Ion: 136 Resp: 2283

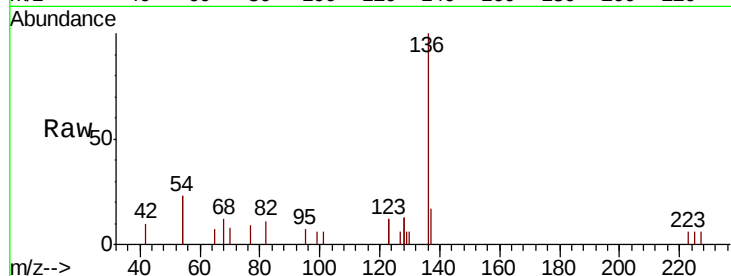
Ion Ratio Lower Upper

136 100

137 17.4 12.3 18.5

54 45.0 28.2 42.4#

68 11.7 7.8 11.8

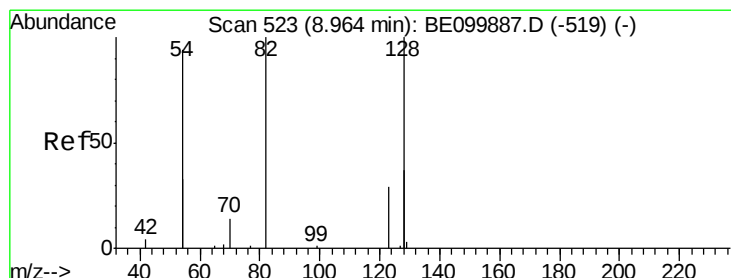
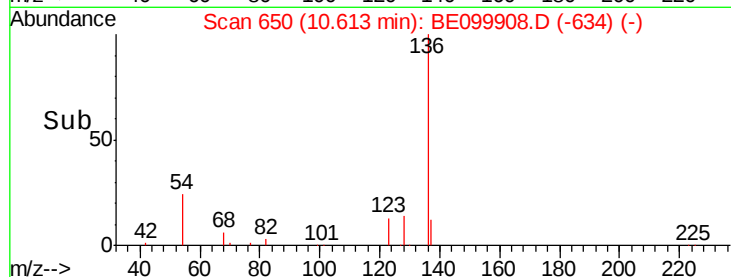
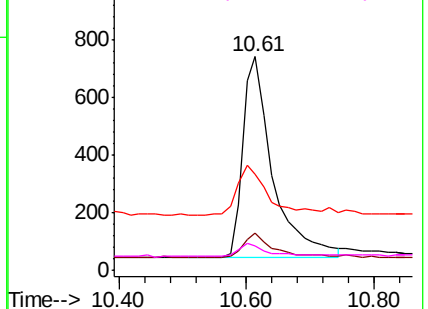


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.370 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

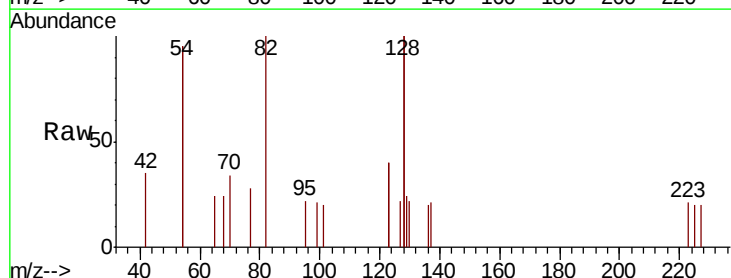
Tgt Ion: 82 Resp: 800

Ion Ratio Lower Upper

82 100

128 199.1 137.3 205.9

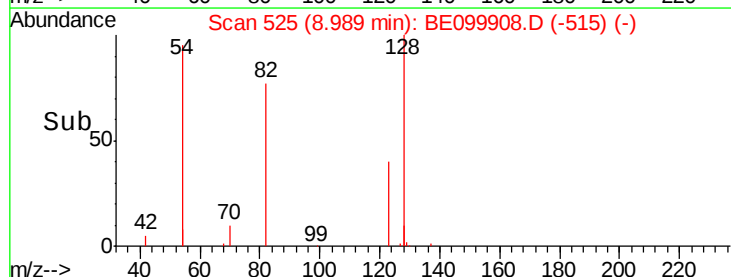
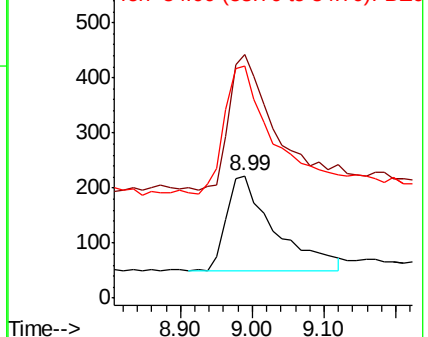
54 190.1 129.7 194.5

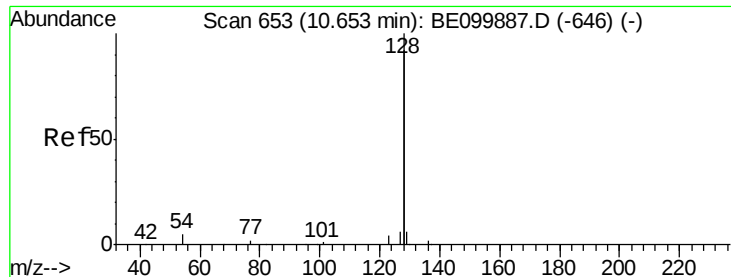


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.007 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

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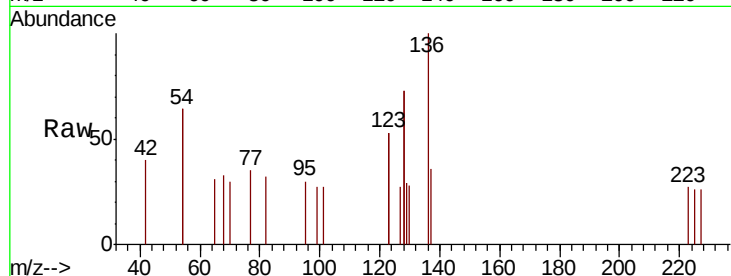
Tgt Ion:128 Resp: 181

Ion Ratio Lower Upper

128 100

129 19.6 3.0 4.6#

127 18.8 3.4 5.0#



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

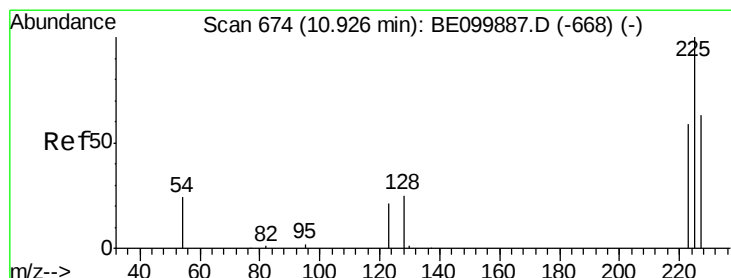
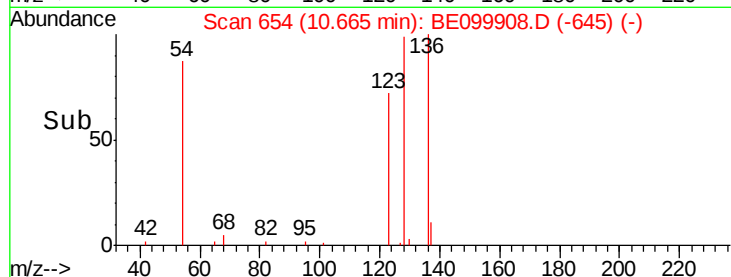
10.67

200

100

0

Time-->



#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.96 min Scan# 677

Delta R.T. 0.04 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

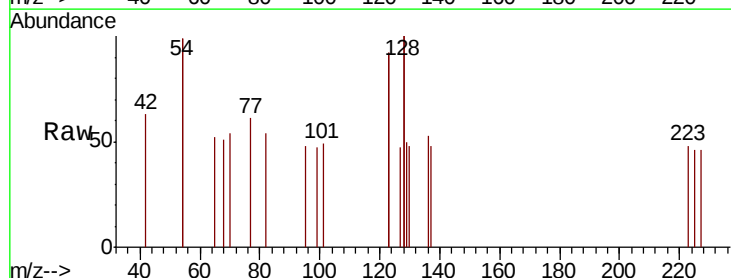
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 100.0 51.6 77.4#

227 150.0 50.6 76.0#



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

10.96

50

40

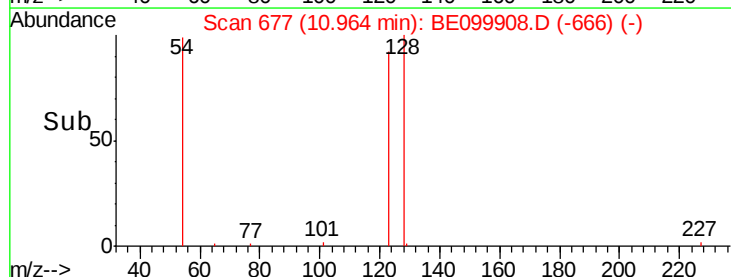
30

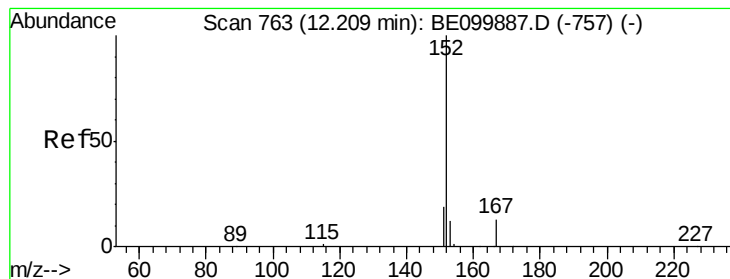
20

10

0

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

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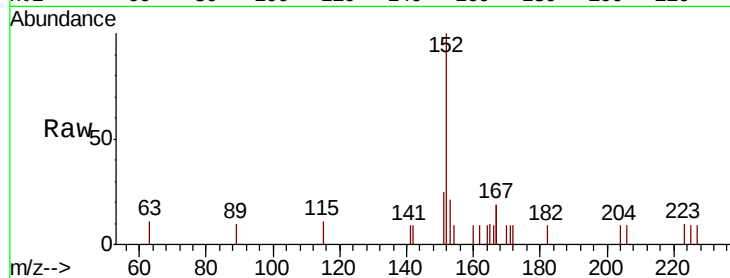
RE103D3-20190605

Tgt Ion:152 Resp: 1527

Ion Ratio Lower Upper

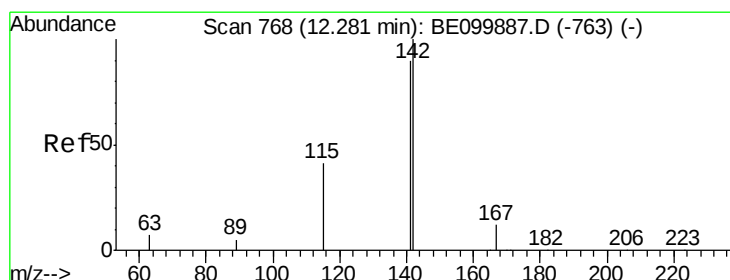
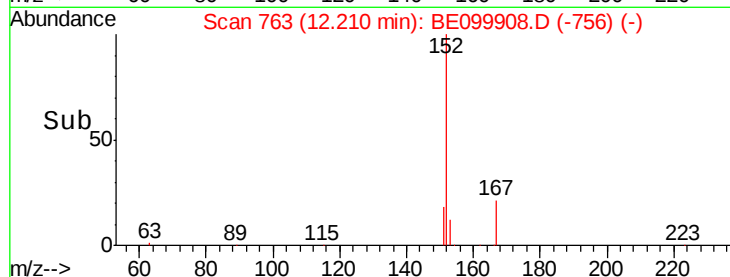
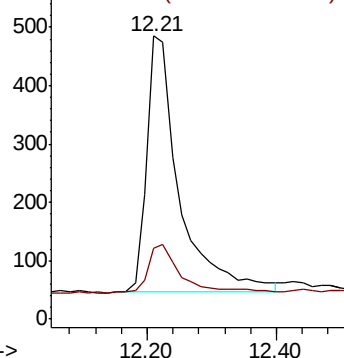
152 100

151 18.0 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.009 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.02 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

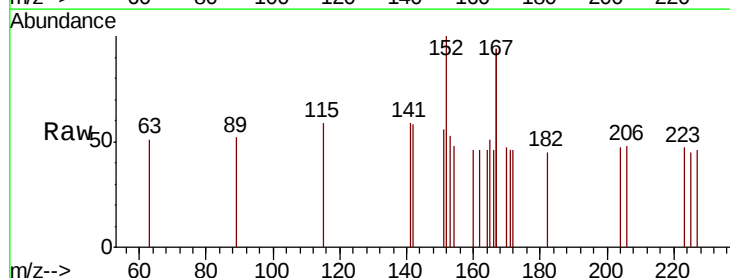
Tgt Ion:142 Resp: 38

Ion Ratio Lower Upper

142 100

141 101.8 72.3 108.5

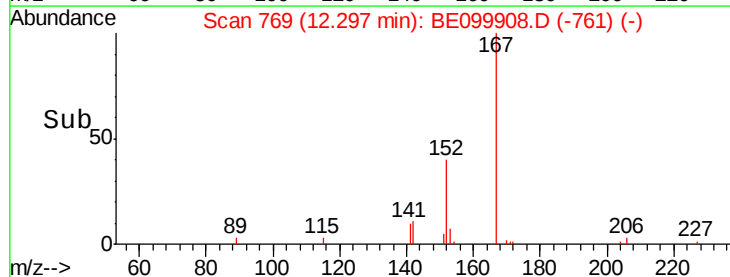
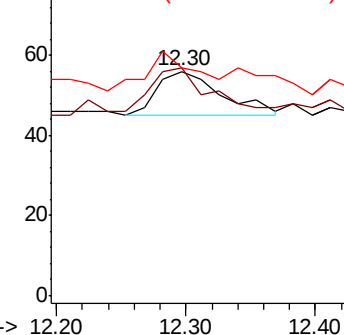
115 101.8 36.4 54.6#

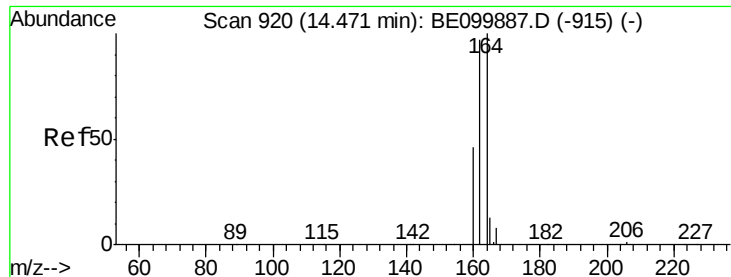


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

Instrument :

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RE103D3-20190605

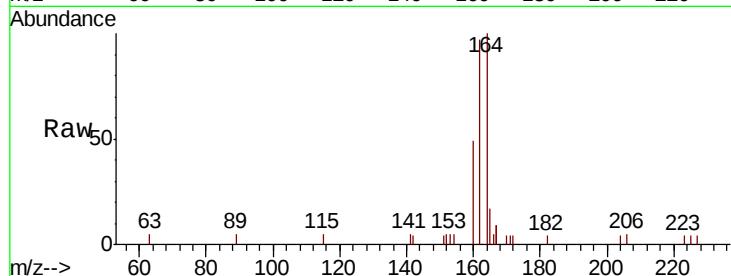
Tgt Ion:164 Resp: 1929

Ion Ratio Lower Upper

164 100

162 96.6 77.8 116.8

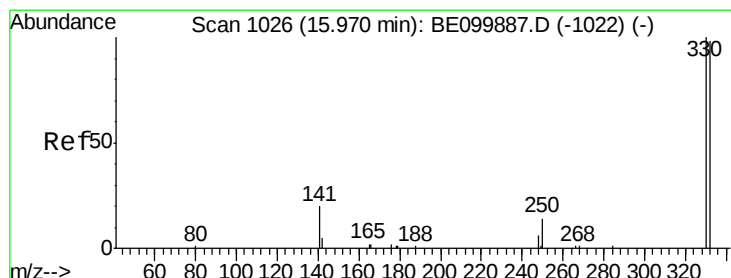
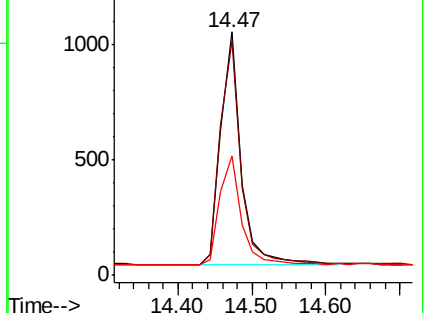
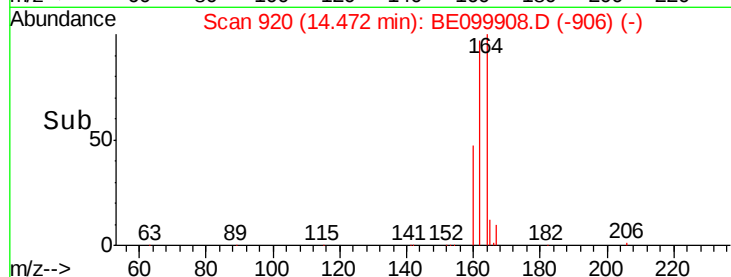
160 49.0 38.2 57.4



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: 0.277 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

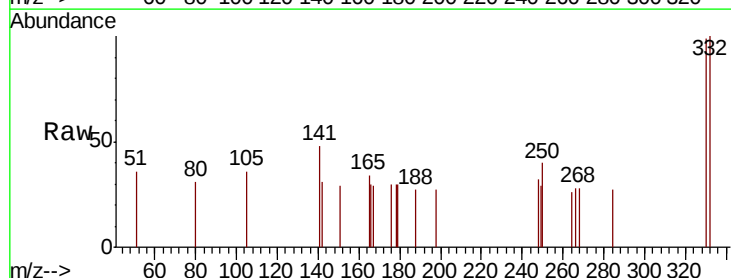
Tgt Ion:330 Resp: 395

Ion Ratio Lower Upper

330 100

332 93.2 76.7 115.1

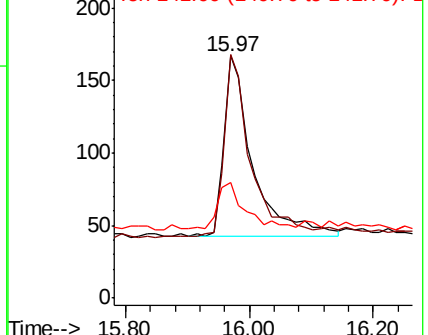
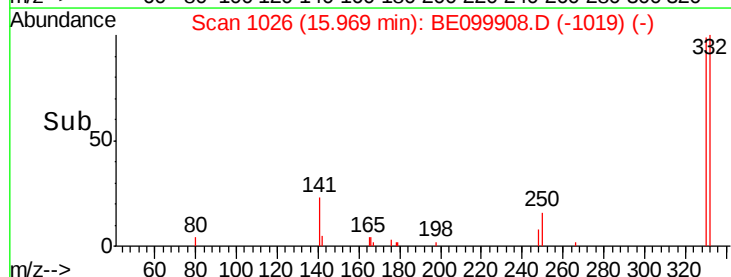
141 24.6 21.0 31.6

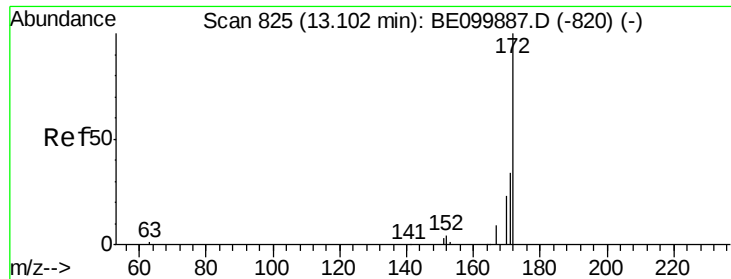


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

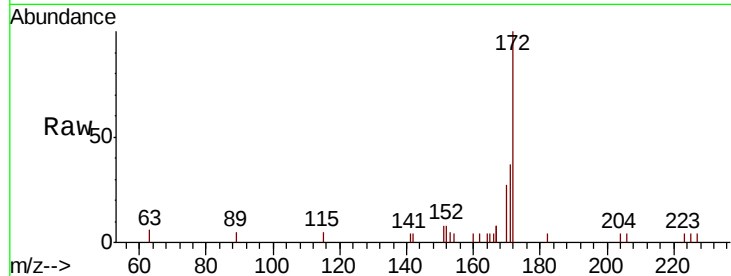




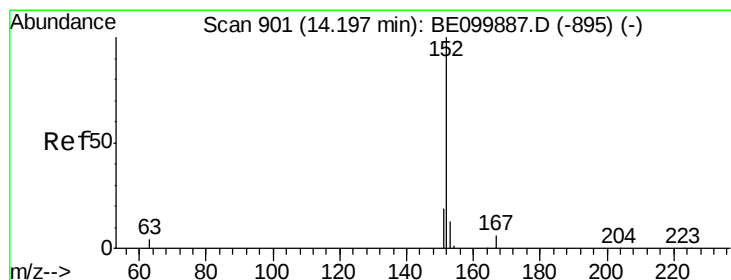
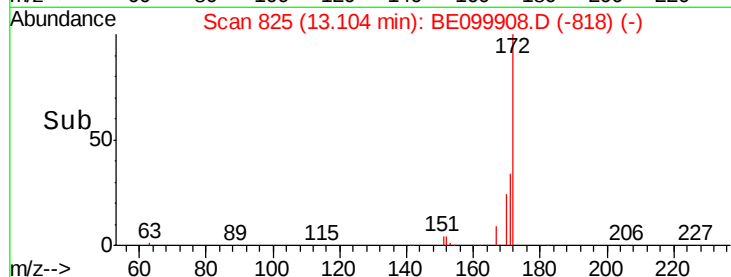
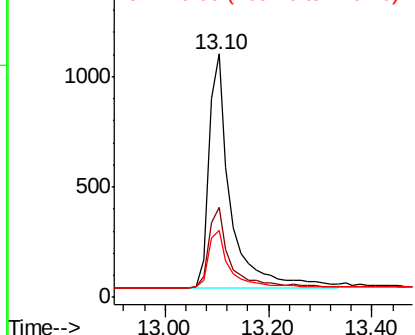
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099908.D
Acq: 11 Jun 2019 1:57

Instrument :
BNA_E
ClientSampleId :
RE103D3-20190605

Tgt Ion:172 Resp: 3060
Ion Ratio Lower Upper
172 100
171 37.0 29.2 43.8
170 27.3 21.2 31.8

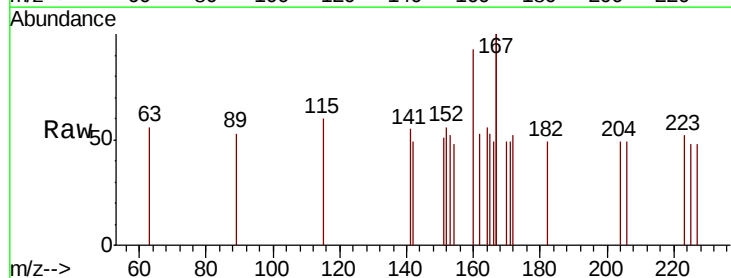


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

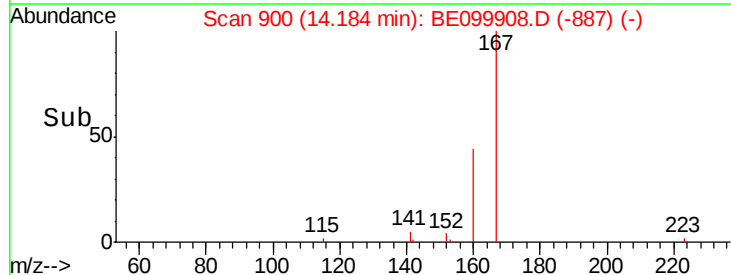
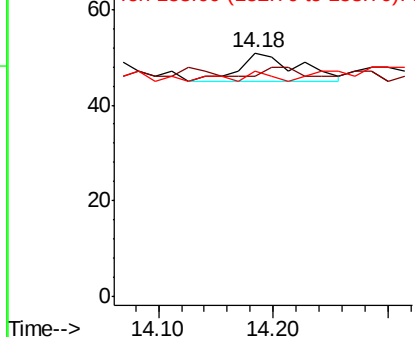


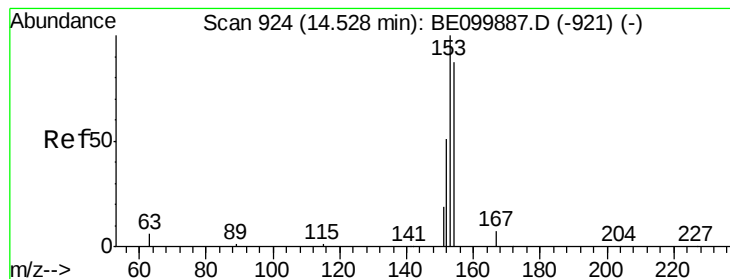
#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099908.D
Acq: 11 Jun 2019 1:57

Tgt Ion:152 Resp: 21
Ion Ratio Lower Upper
152 100
151 33.3 15.5 23.3#
153 14.3 10.2 15.2



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: 0.001 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190605

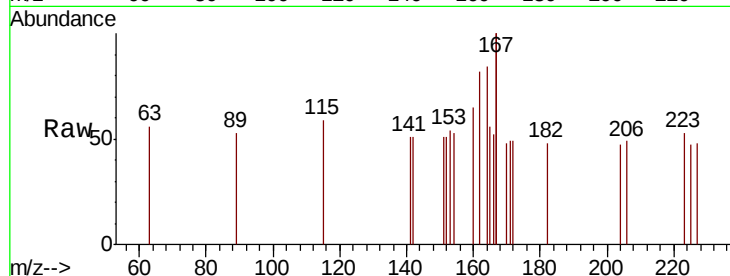
Tgt Ion:154 Resp: 5

Ion Ratio Lower Upper

154 100

153 220.0 93.1 139.7#

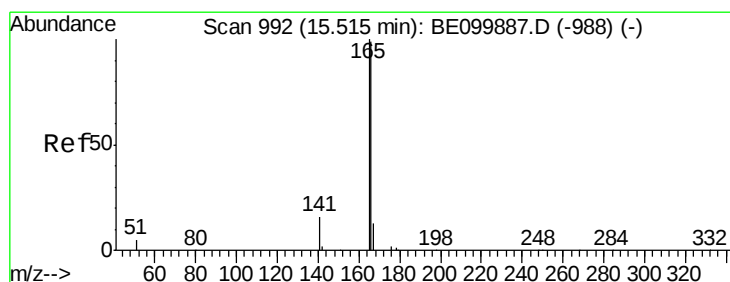
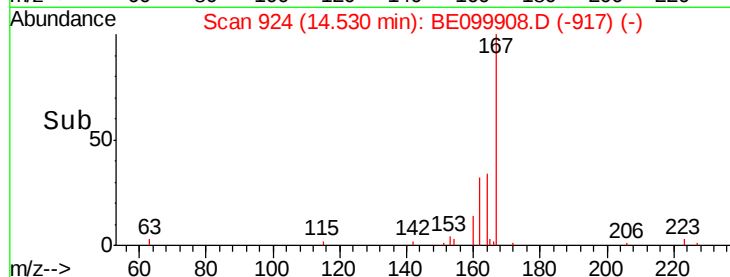
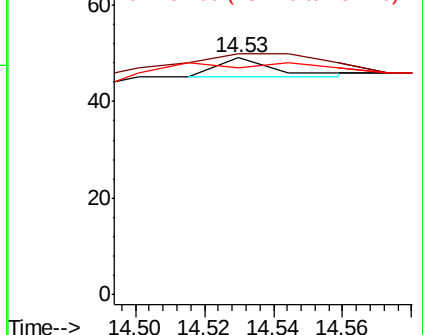
152 200.0 47.0 70.4#



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: 0.004 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.01 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

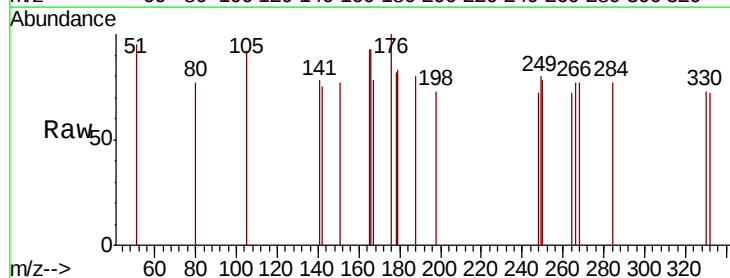
Tgt Ion:166 Resp: 35

Ion Ratio Lower Upper

166 100

165 0.0 81.8 122.8#

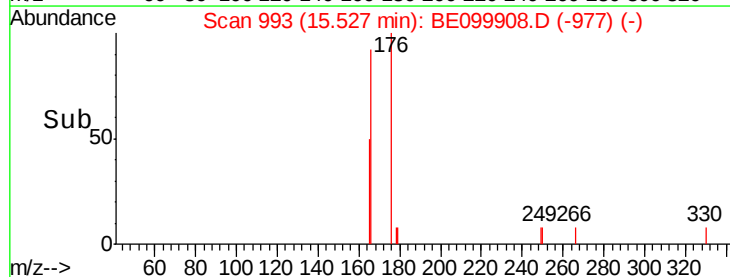
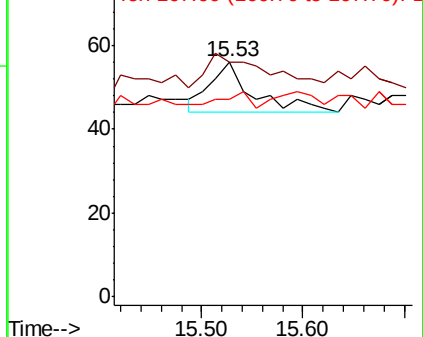
167 17.1 11.2 16.8#

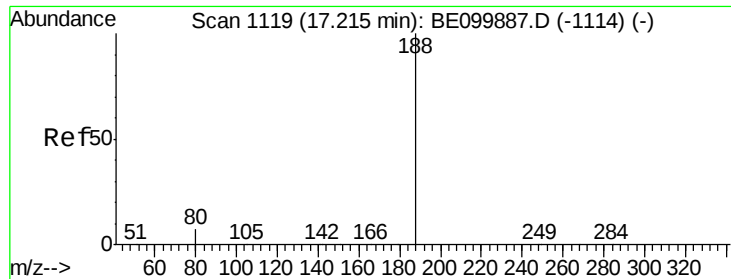


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099908.D

Acq: 11 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190605

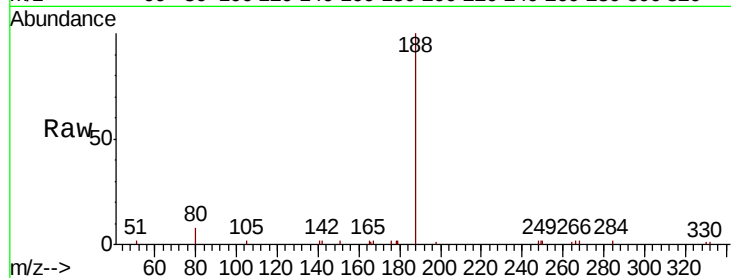
Tgt Ion:188 Resp: 6080

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

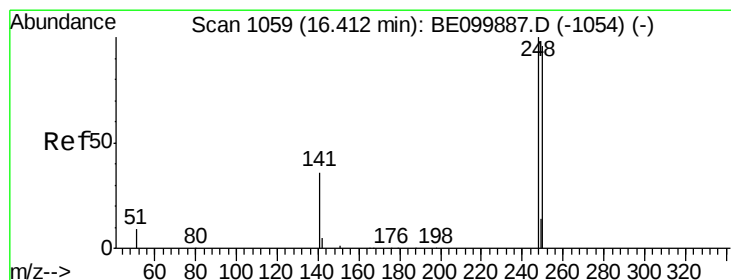
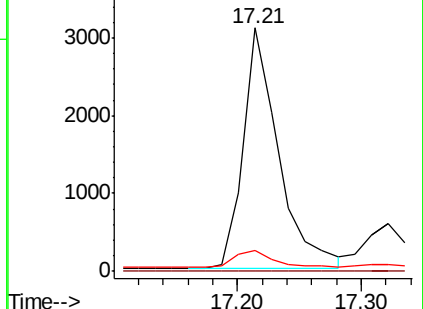
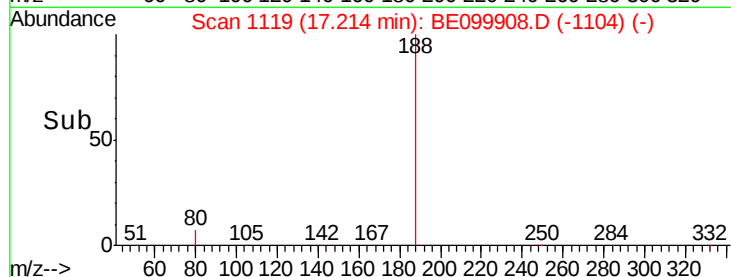
80 8.4 6.4 9.6



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: 0.001 ng

RT: 16.37 min Scan# 1056

Delta R.T. -0.04 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

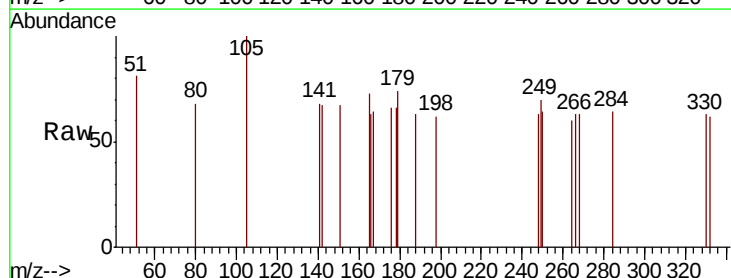
Tgt Ion:248 Resp: 2

Ion Ratio Lower Upper

248 100

250 102.2 77.5 116.3

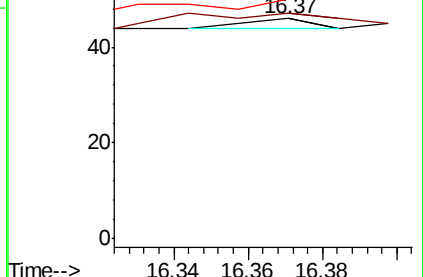
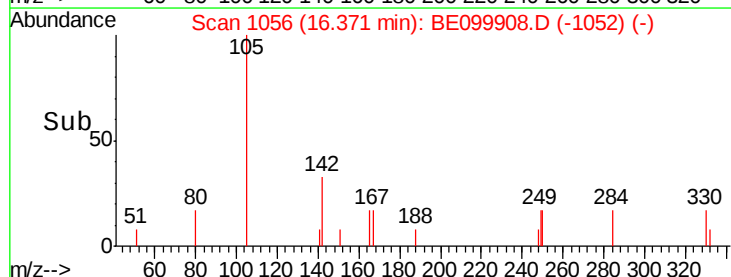
141 108.7 31.8 47.8#

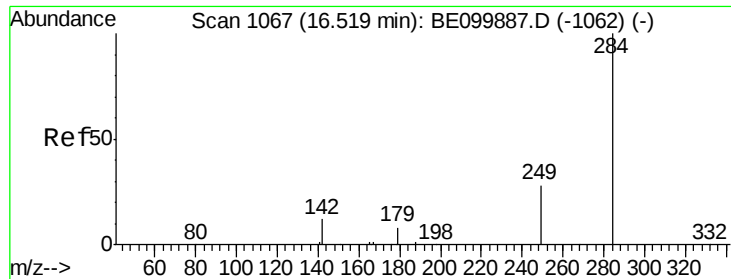


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.003 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190605

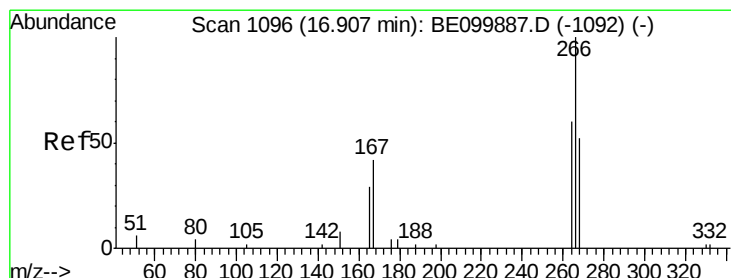
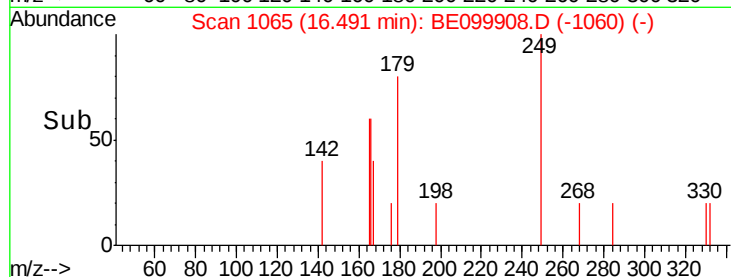
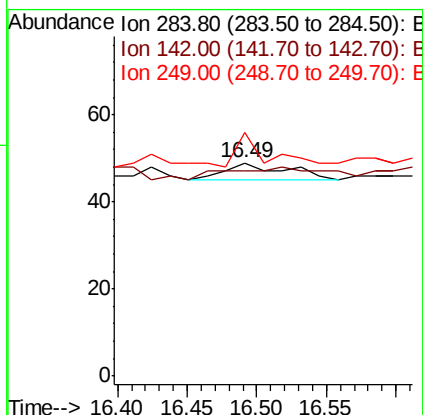
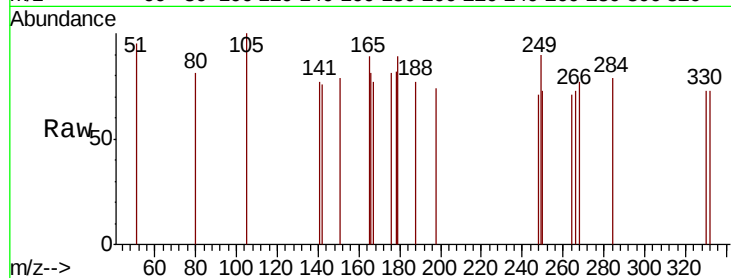
Tgt Ion:284 Resp: 12

Ion Ratio Lower Upper

284 100

142 0.0 18.2 27.4#

249 58.3 24.6 37.0#



#22

Pentachlorophenol

Concen: 0.305 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

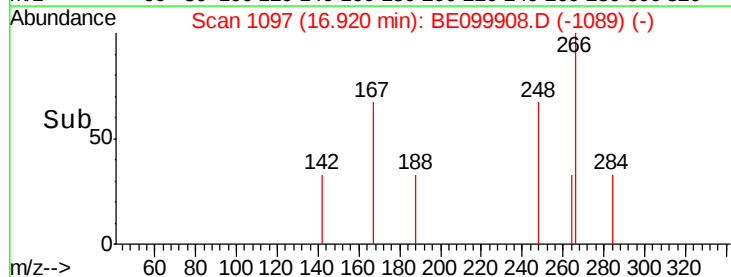
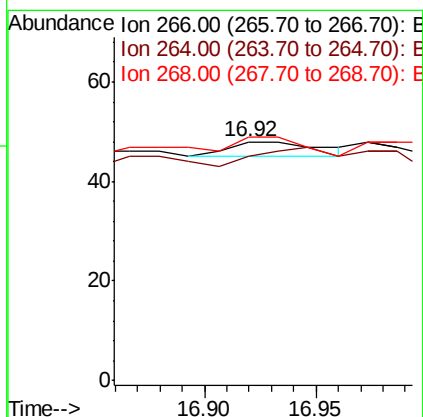
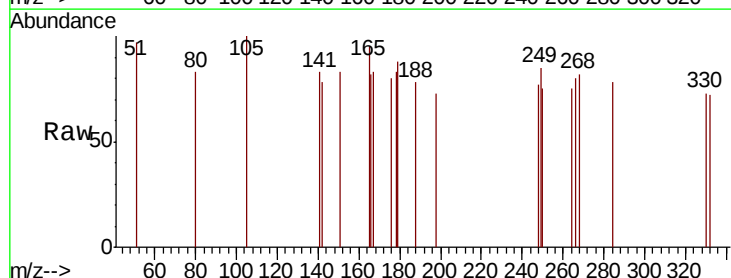
Tgt Ion:266 Resp: 9

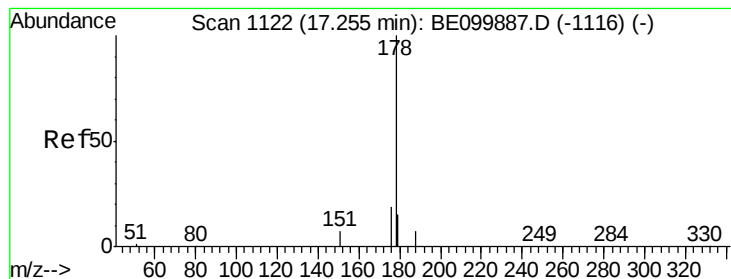
Ion Ratio Lower Upper

266 100

264 93.8 62.2 93.2#

268 102.1 65.5 98.3#





#23

Phenanthrene

Concen: 0.008 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190605

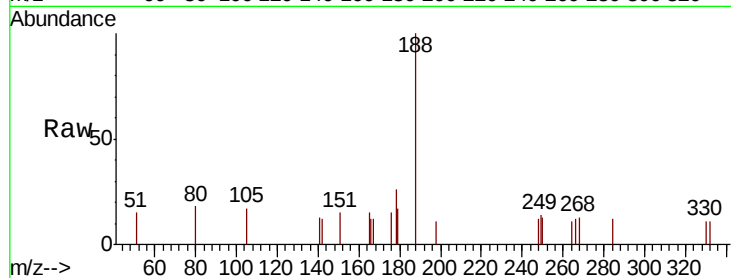
Tgt Ion:178 Resp: 114

Ion Ratio Lower Upper

178 100

176 15.8 15.8 23.8#

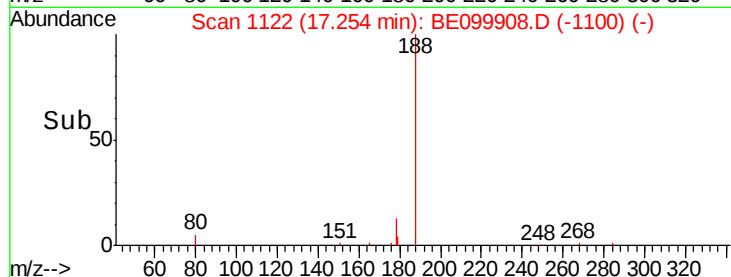
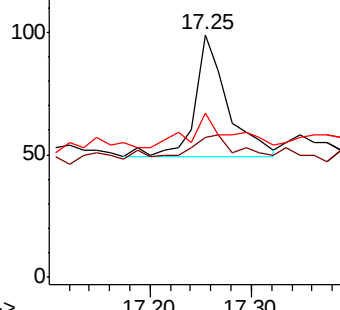
179 32.5 12.4 18.6#



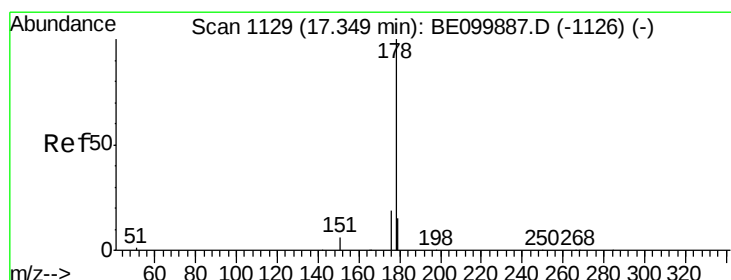
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.001 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

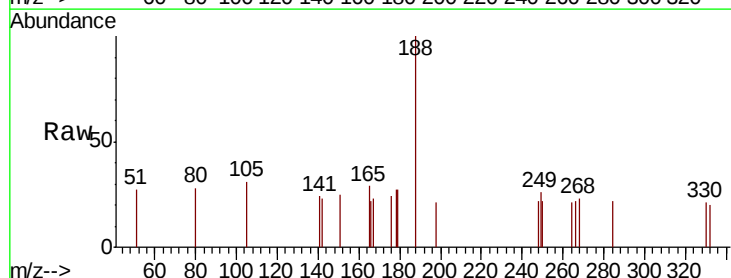
Tgt Ion:178 Resp: 14

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

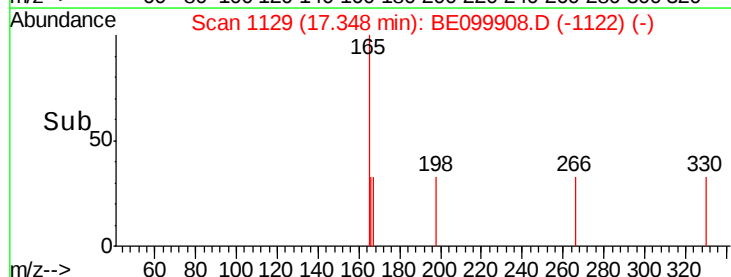
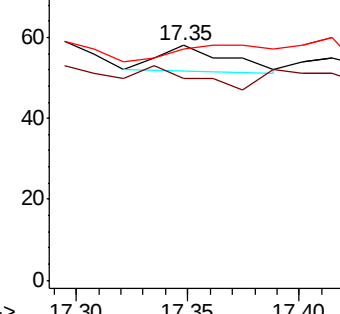
179 0.0 12.3 18.5#



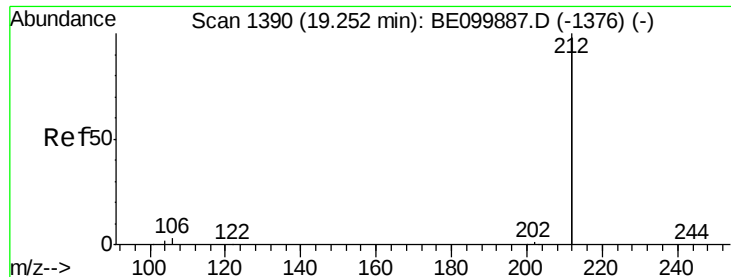
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.413 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190605

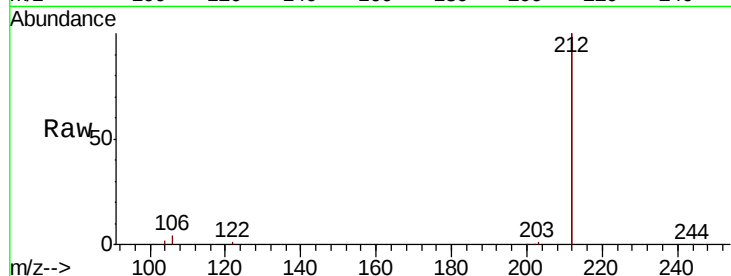
Tgt Ion:212 Resp: 36589

Ion Ratio Lower Upper

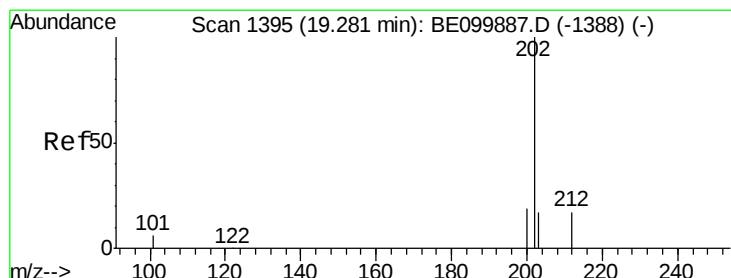
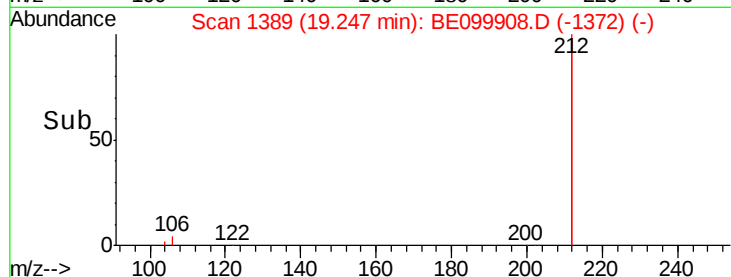
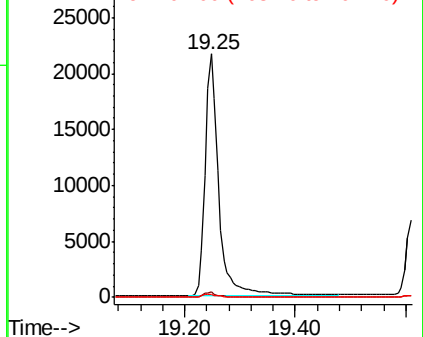
212 100

106 1.8 1.4 2.2

104 1.0 0.9 1.3



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: 0.002 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

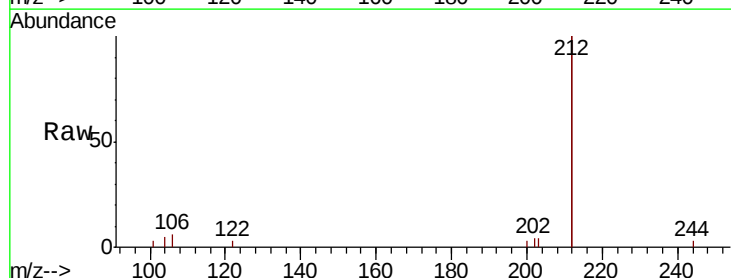
Tgt Ion:202 Resp: 58

Ion Ratio Lower Upper

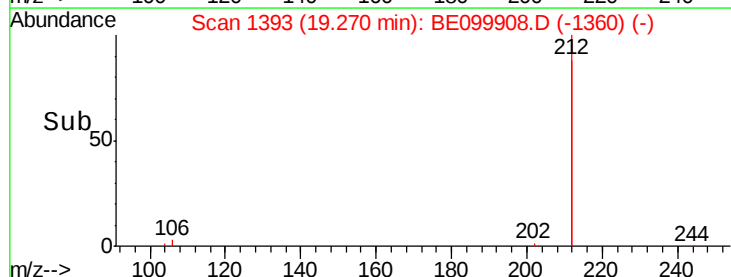
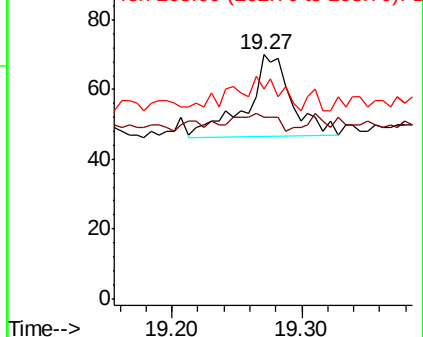
202 100

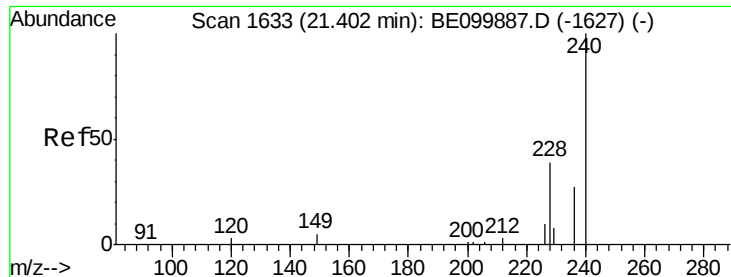
101 12.1 5.4 8.0#

203 22.4 13.2 19.8#



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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190605

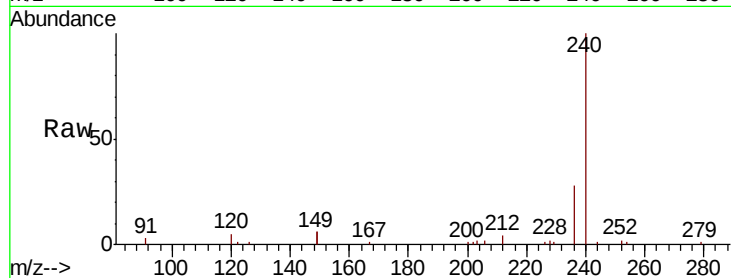
Tgt Ion:240 Resp: 9101

Ion Ratio Lower Upper

240 100

120 5.1 3.8 5.6

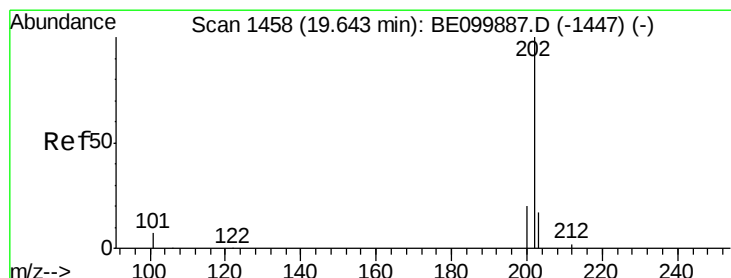
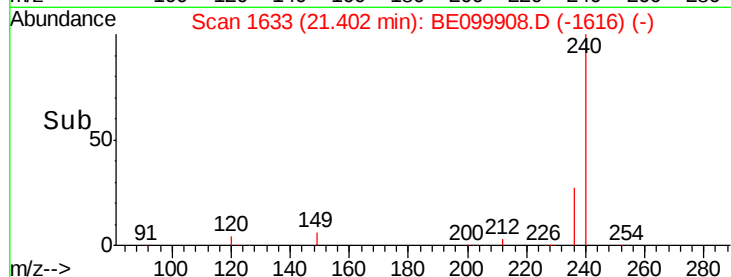
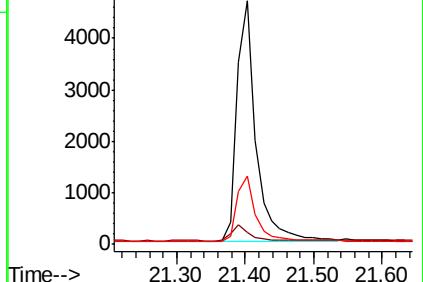
236 27.9 22.0 33.0



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: 0.002 ng

RT: 19.64 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

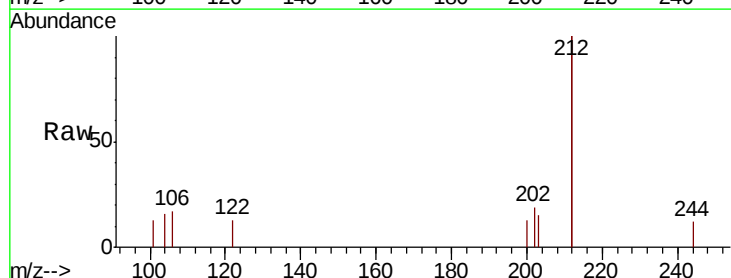
Tgt Ion:202 Resp: 52

Ion Ratio Lower Upper

202 100

200 36.5 15.5 23.3#

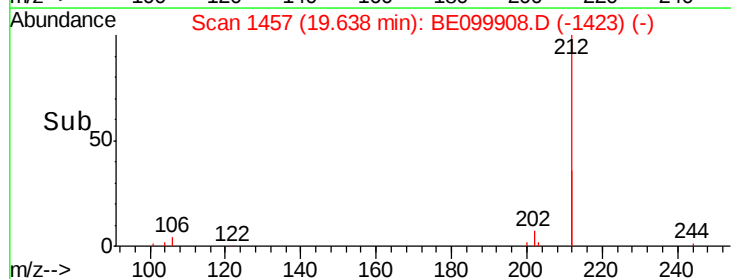
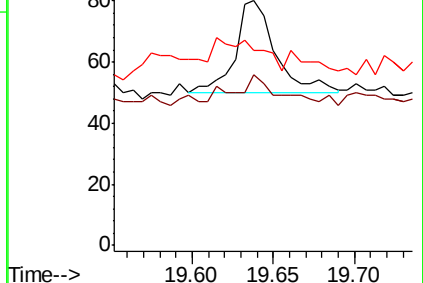
203 0.0 14.0 21.0#

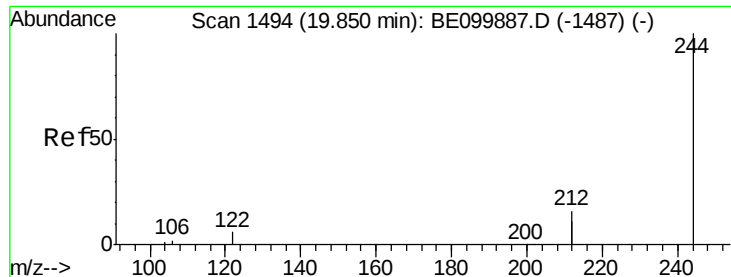


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.584 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190605

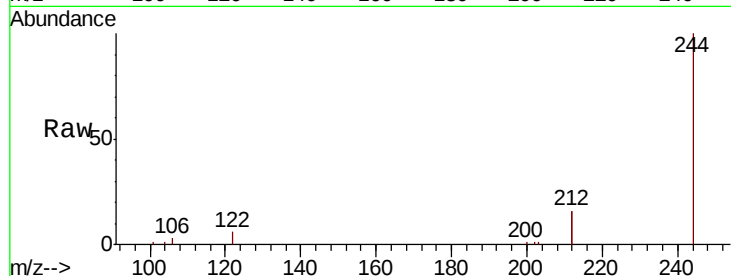
Tgt Ion:244 Resp: 9563

Ion Ratio Lower Upper

244 100

212 32.1 25.7 38.5

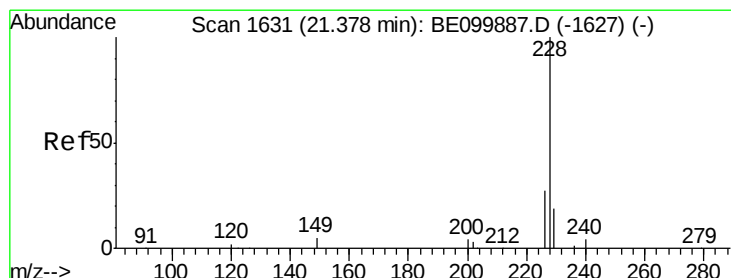
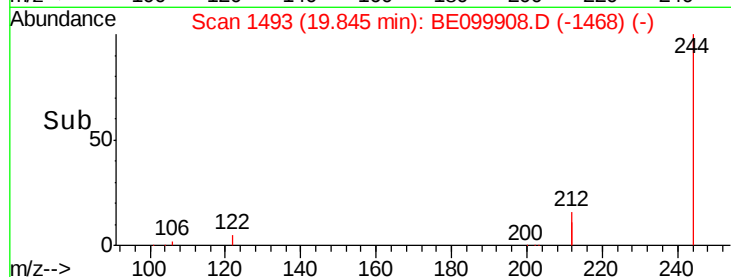
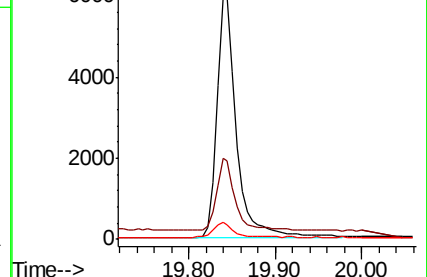
122 5.9 5.5 8.3



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: 0.002 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.02 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

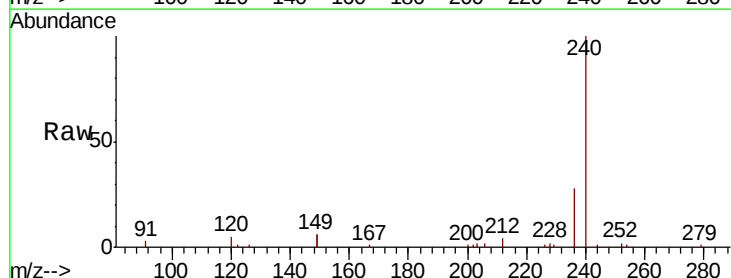
Tgt Ion:228 Resp: 56

Ion Ratio Lower Upper

228 100

226 79.5 22.5 33.7#

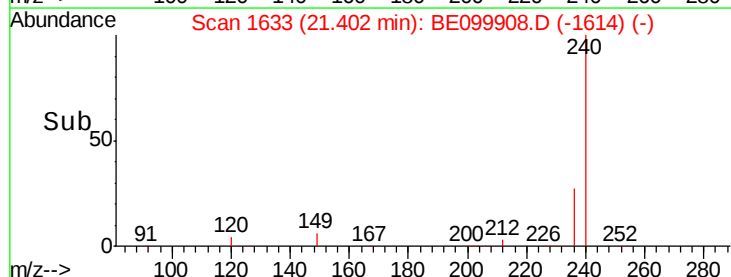
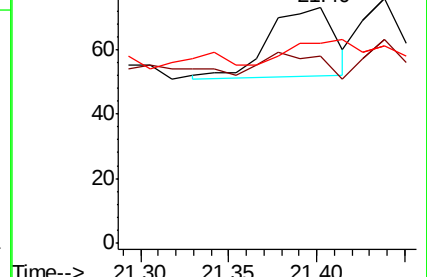
229 84.9 15.9 23.9#

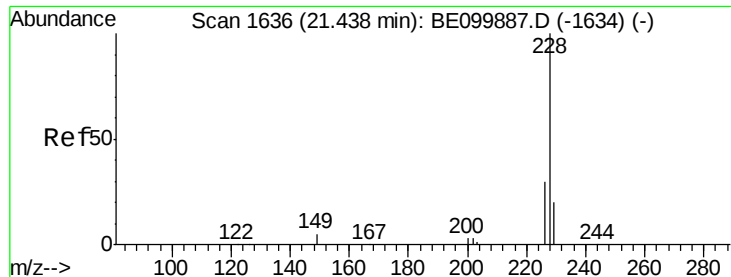


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.002 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190605

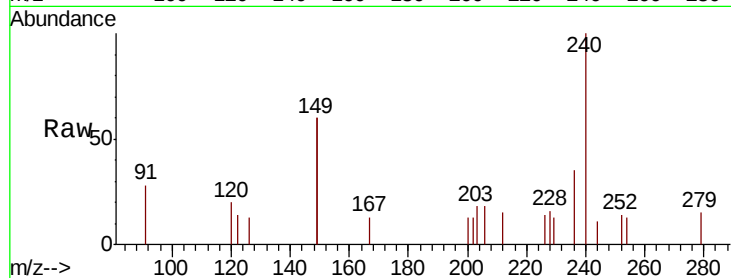
Tgt Ion: 228 Resp: 46

Ion Ratio Lower Upper

228 100

226 82.9 24.1 36.1#

229 80.3 16.1 24.1#

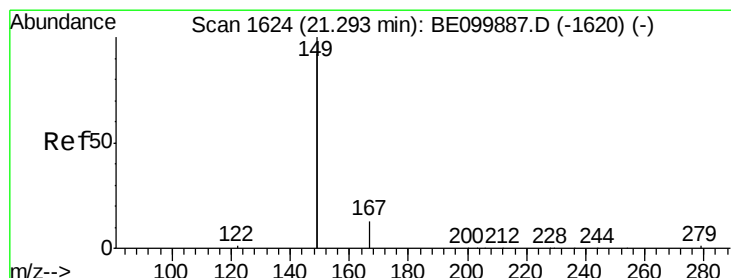
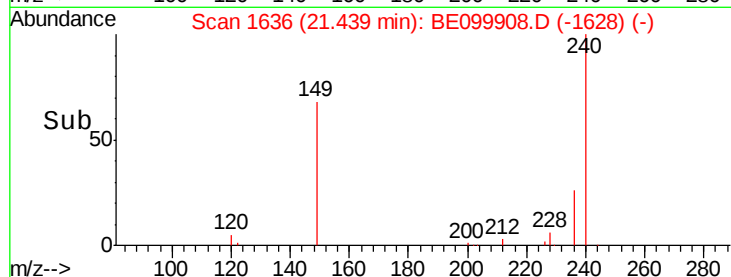
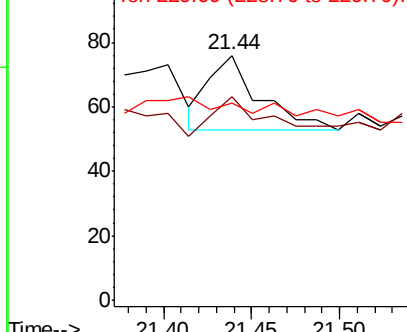


Abundance

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: 0.160 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

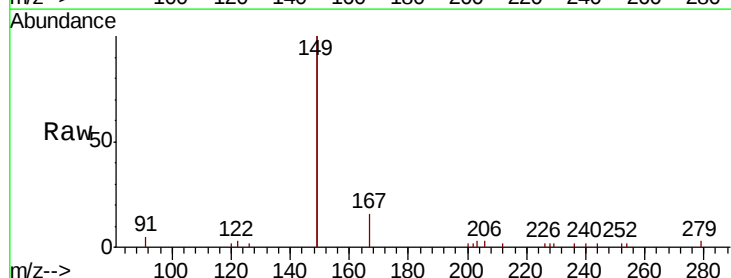
Tgt Ion: 149 Resp: 6232

Ion Ratio Lower Upper

149 100

167 7.6 5.9 8.9

279 1.6 1.2 1.8

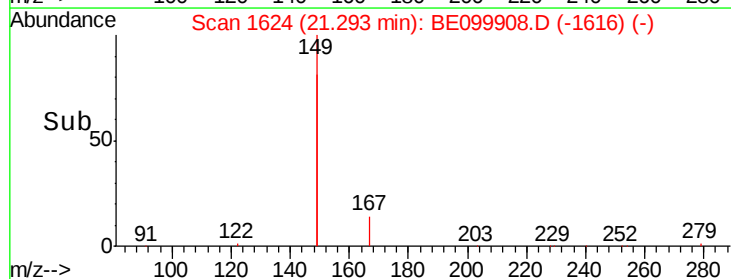
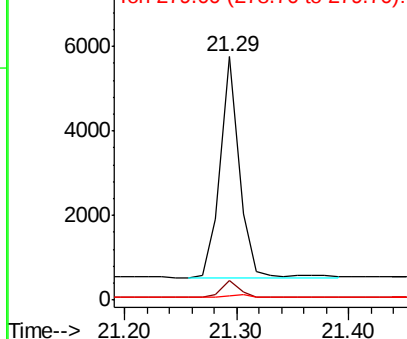


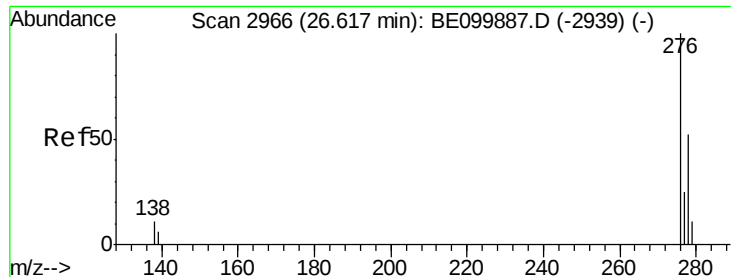
Abundance

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: 0.000 ng

RT: 26.62 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190605

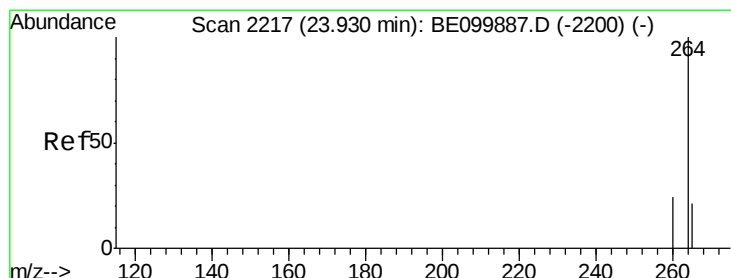
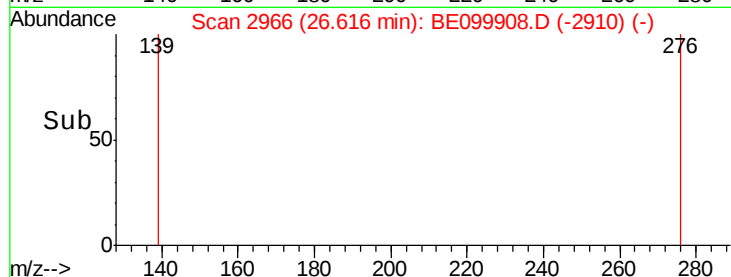
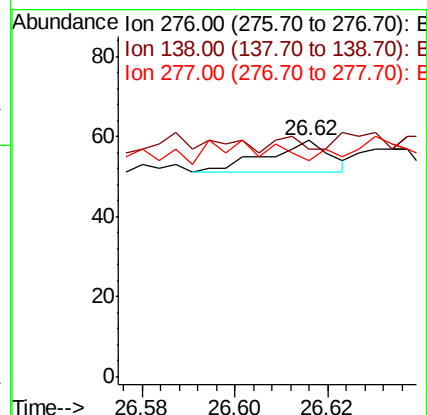
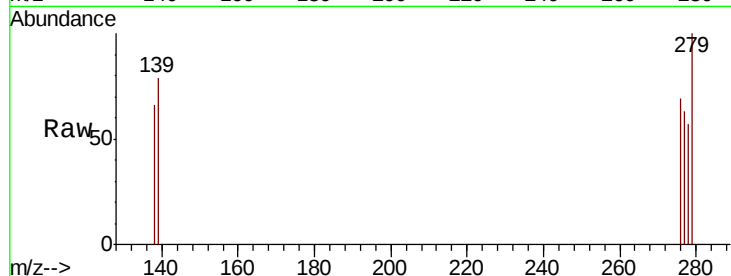
Tgt Ion:276 Resp: 8

Ion Ratio Lower Upper

276 100

138 25.0 10.1 15.1#

277 0.0 19.1 28.7#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

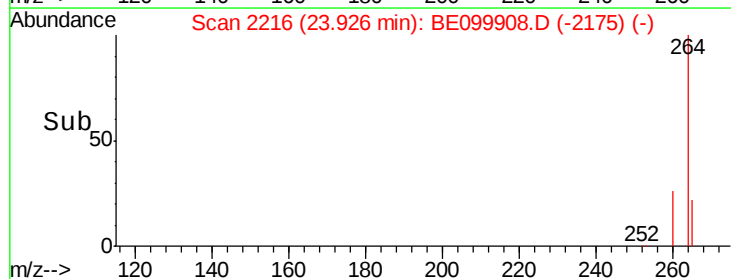
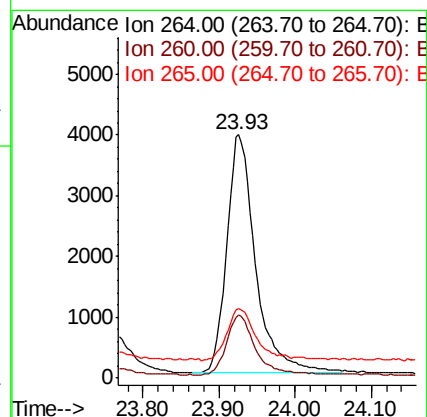
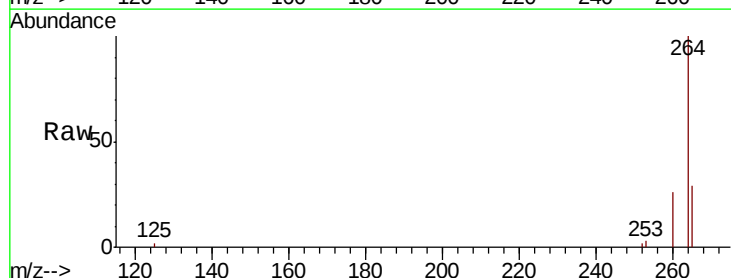
Tgt Ion:264 Resp: 10314

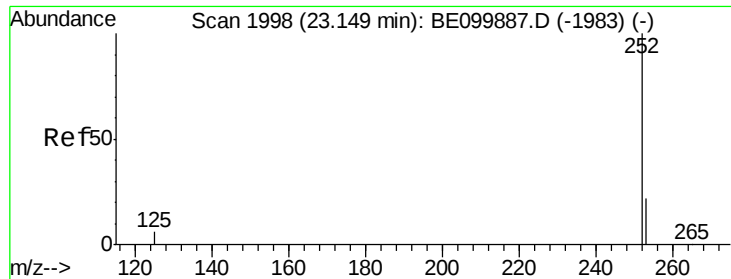
Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

265 28.7 22.0 33.0





#35

Benzo(b)fluoranthene

Concen: 0.001 ng

RT: 23.14 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190605

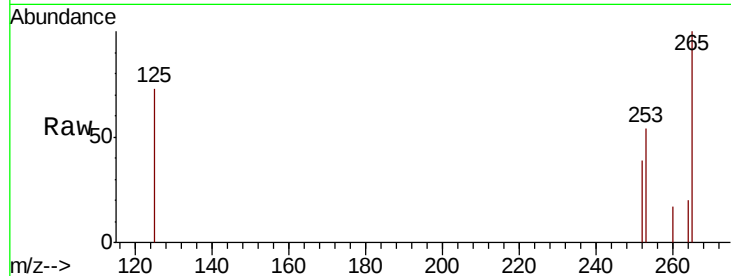
Tgt Ion: 252 Resp: 34

Ion Ratio Lower Upper

252 100

253 139.5 18.7 28.1#

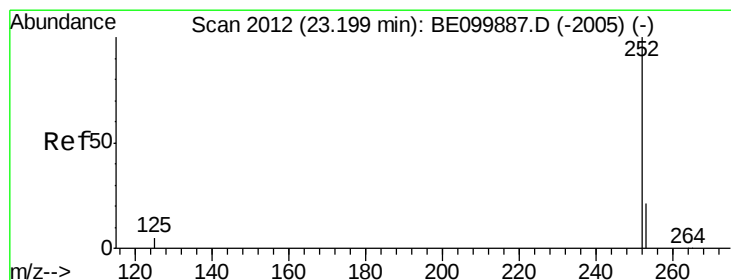
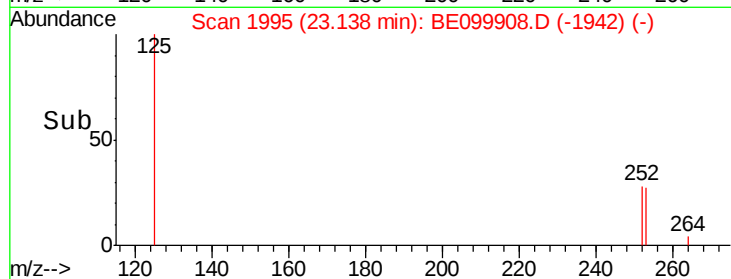
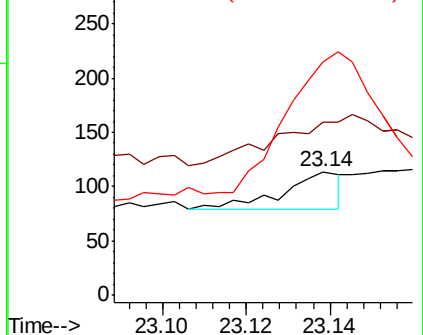
125 188.6 5.7 8.5#



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: 0.000 ng

RT: 23.25 min Scan# 2027

Delta R.T. 0.05 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

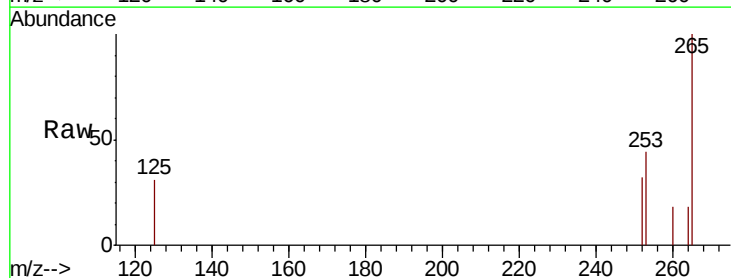
Tgt Ion: 252 Resp: 4

Ion Ratio Lower Upper

252 100

253 136.6 18.6 28.0#

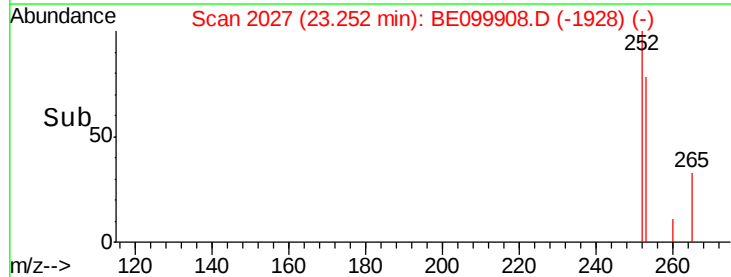
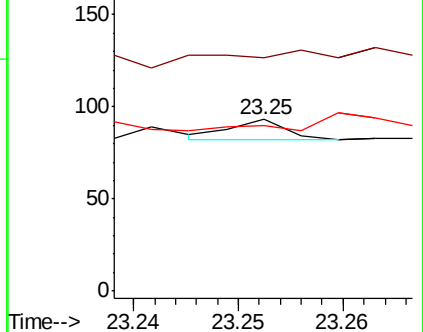
125 96.8 5.4 8.0#

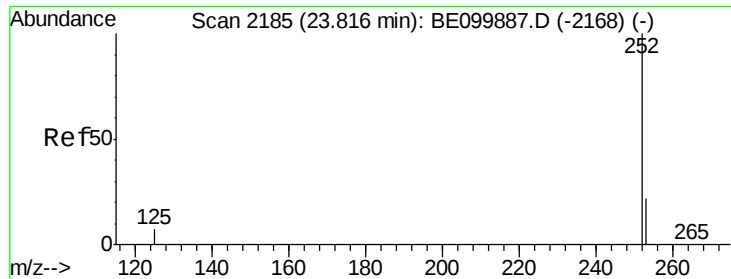


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.82 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190605

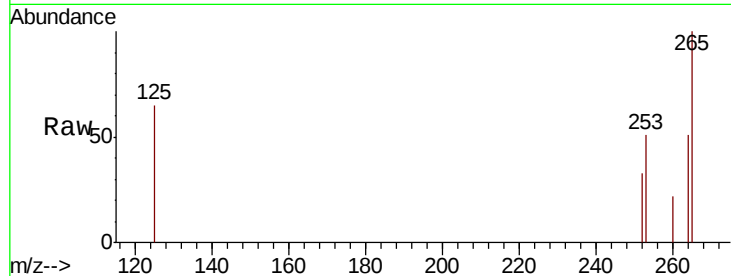
Tgt Ion: 252 Resp: 34

Ion Ratio Lower Upper

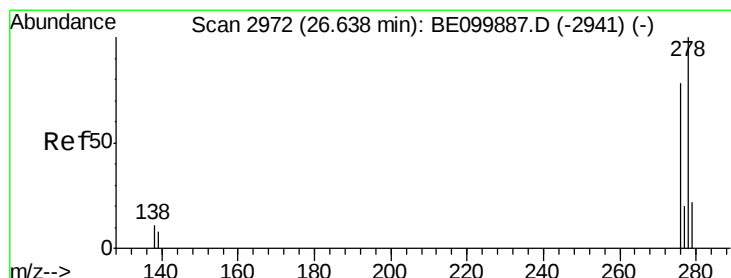
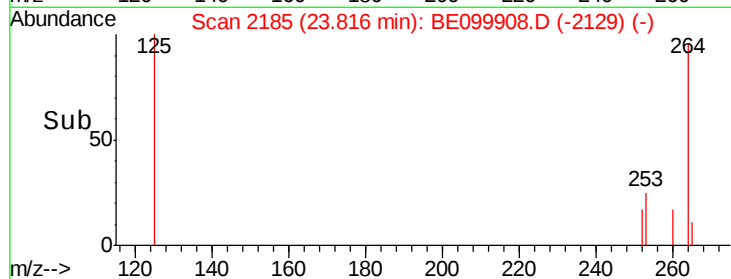
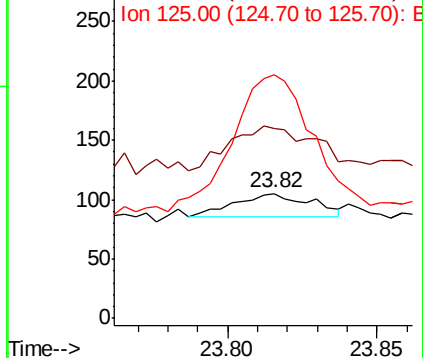
252 100

253 152.4 19.6 29.4#

125 195.2 6.6 10.0#



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: 0.000 ng

RT: 26.64 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BE099908.D

Acq: 11 Jun 2019 1:57

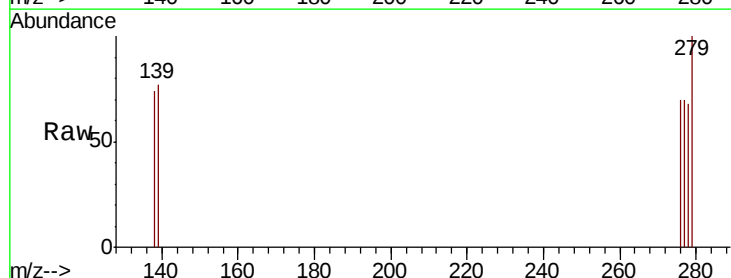
Tgt Ion: 278 Resp: 2

Ion Ratio Lower Upper

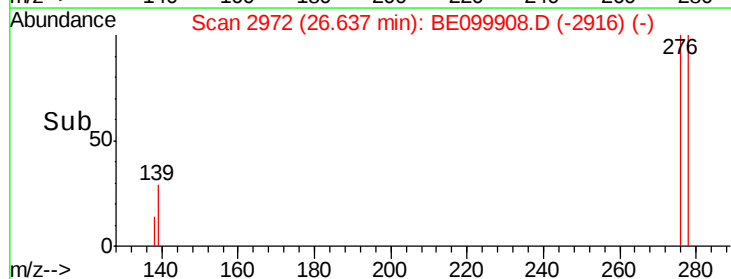
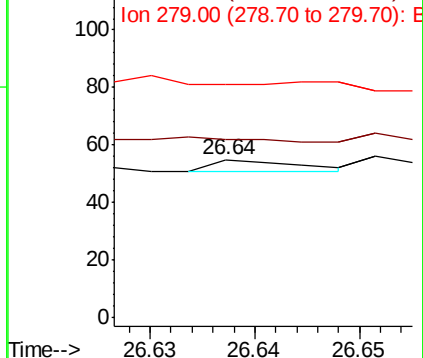
278 100

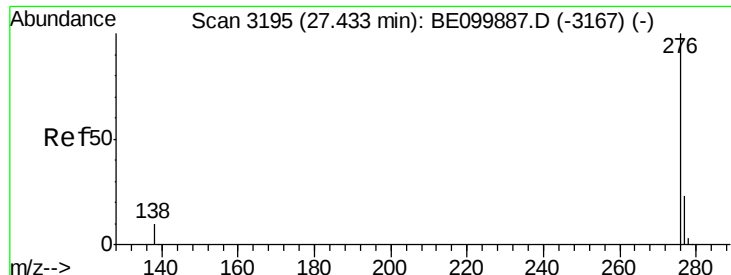
139 112.7 7.8 11.8#

279 147.3 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: 0.000 ng

RT: 27.44 min Scan# 3196

Delta R.T. 0.00 min

Lab File: BE099908.D

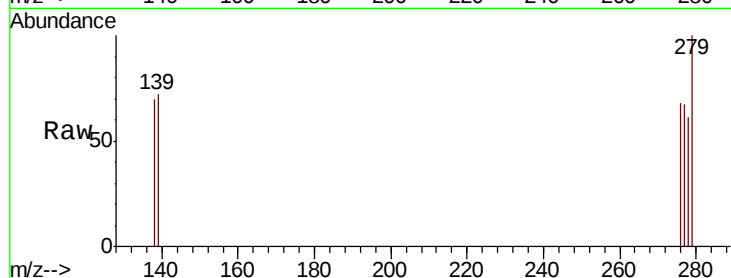
Acq: 11 Jun 2019 1:57

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190605



Tgt Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

277 98.2 19.5 29.3#

138 101.8 9.5 14.3#

