

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099625.D
 Acq On : 16 May 2019 16:39
 Operator : JU/SJ
 Sample : PB119762BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119762BS

Quant Time: May 17 07:02:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1634	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	5659	0.40	ng	0.01
13) Acenaphthene-d10	14.50	164	3823	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	11883	0.40	ng	0.01
27) Chrysene-d12	21.43	240	17511	0.40	ng	0.01
34) Perylene-d12	23.97	264	18107	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	1571	0.34	ng	0.00
5) Phenol-d6	6.99	99	2068	0.35	ng	0.00
8) Nitrobenzene-d5	8.99	82	1826	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	4691	0.49	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	813	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	5447	0.37	ng	0.01
25) Fluoranthene-d10	19.27	212	56702	0.36	ng	0.00
29) Terphenyl-d14	19.87	244	11435	0.36	ng	0.00

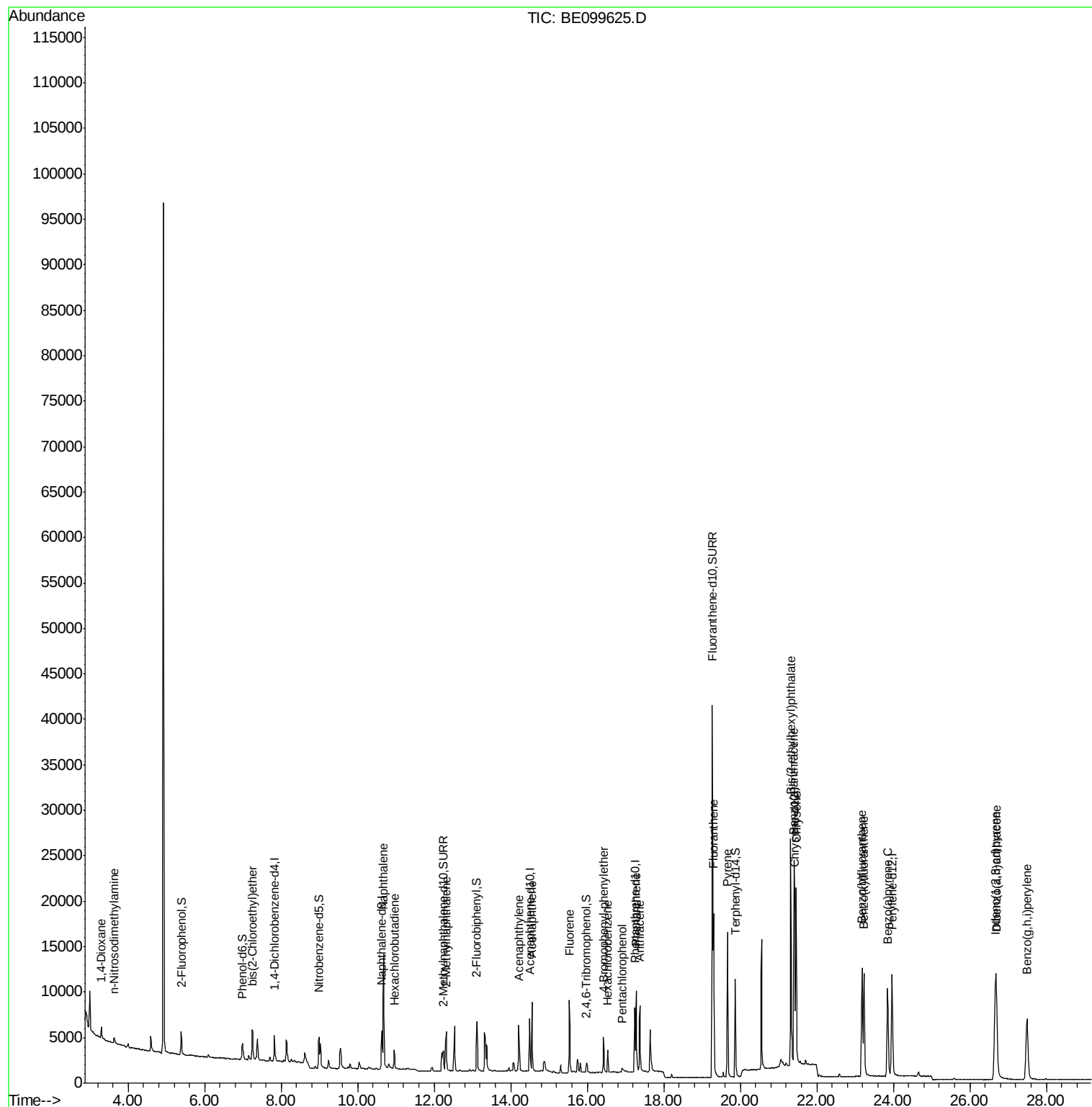
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	837	0.347	ng	# 44
3) n-Nitrosodimethylamine	3.62	42	456	0.297	ng	# 92
6) bis(2-Chloroethyl)ether	7.25	93	1640	0.332	ng	90
9) Naphthalene	10.68	128	21480	0.357	ng	99
10) Hexachlorobutadiene	10.95	225	1539	0.349	ng	99
12) 2-Methylnaphthalene	12.31	142	3562	0.358	ng	98
16) Acenaphthylene	14.21	152	6217	0.344	ng	100
17) Acenaphthene	14.56	154	3625	0.356	ng	99
18) Fluorene	15.53	166	5267	0.360	ng	99
20) 4-Bromophenyl-phenylether	16.43	248	2319	0.338	ng	# 86
21) Hexachlorobenzene	16.53	284	2358	0.350	ng	98
22) Pentachlorophenol	16.92	266	808	0.481	ng	96
23) Phenanthrene	17.28	178	10228	0.347	ng	99
24) Anthracene	17.38	178	9405	0.346	ng	98
26) Fluoranthene	19.30	202	16051	0.360	ng	99
28) Pyrene	19.67	202	16934	0.379	ng	99
30) Benzo(a)anthracene	21.40	228	19070	0.360	ng	99
31) Chrysene	21.46	228	18132	0.333	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	27540	0.337	ng	100
33) Indeno(1,2,3-cd)pyrene	26.66	276	22137	0.326	ng	# 93
35) Benzo(b)fluoranthene	23.18	252	18295	0.361	ng	99
36) Benzo(k)fluoranthene	23.23	252	18918	0.378	ng	99
37) Benzo(a)pyrene	23.85	252	17962	0.366	ng	98
38) Dibenzo(a,h)anthracene	26.69	278	18480	0.363	ng	100
39) Benzo(g,h,i)perylene	27.50	276	18729	0.366	ng	99

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

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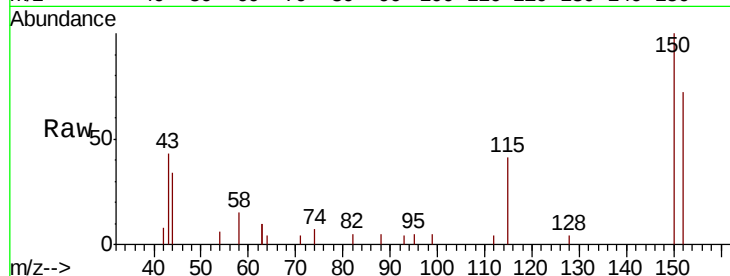


#1

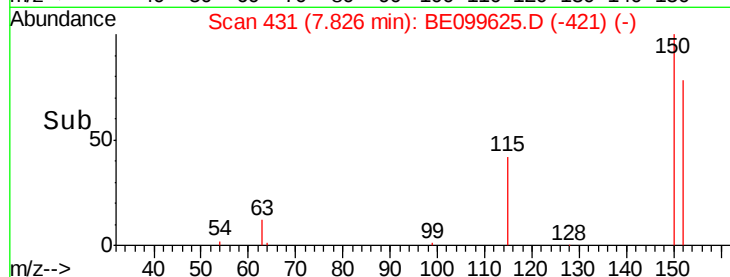
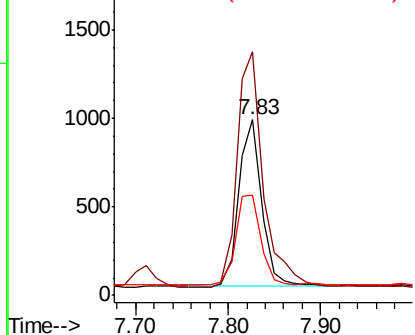
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.83 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: BE099625.D
 Acq: 16 May 2019 16:39

Instrument :
 BNA_E
 ClientSampleId :
 PB119762BS

Tgt Ion: 152 Resp: 1634
 Ion Ratio Lower Upper
 152 100
 150 138.6 110.1 165.1
 115 57.4 46.2 69.4



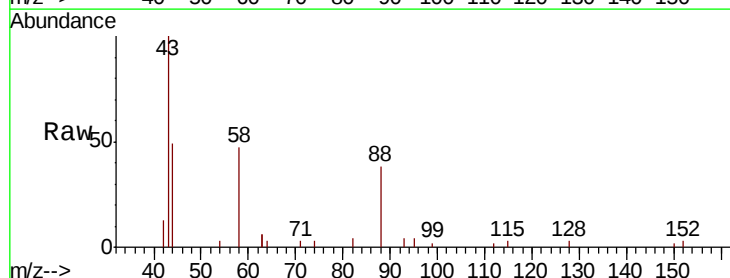
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



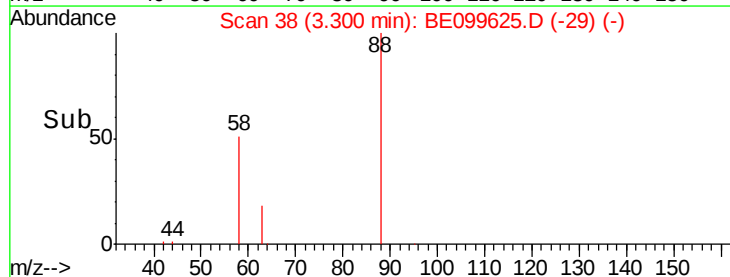
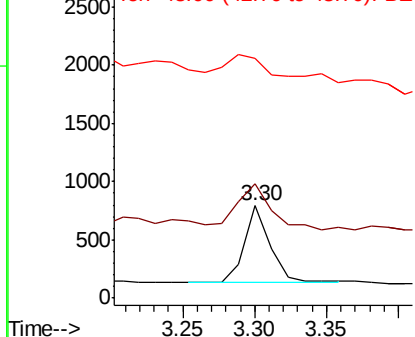
#2

1,4-Dioxane
 Concen: 0.347 ng
 RT: 3.30 min Scan# 38
 Delta R.T. -0.00 min
 Lab File: BE099625.D
 Acq: 16 May 2019 16:39

Tgt Ion: 88 Resp: 837
 Ion Ratio Lower Upper
 88 100
 58 80.0 39.8 59.6#
 43 66.7 21.0 31.6#



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: 0.297 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.00 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

Instrument :

BNA_E

ClientSampleId :

PB119762BS

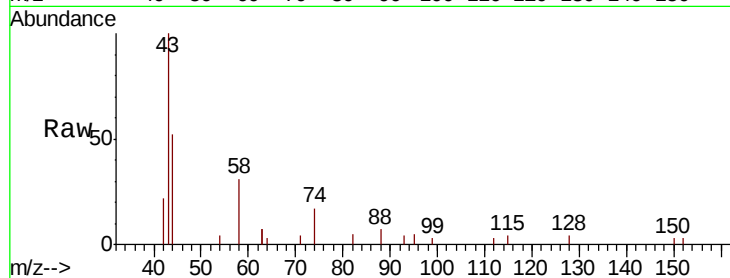
Tgt Ion: 42 Resp: 456

Ion Ratio Lower Upper

42 100

74 175.9 134.7 202.1

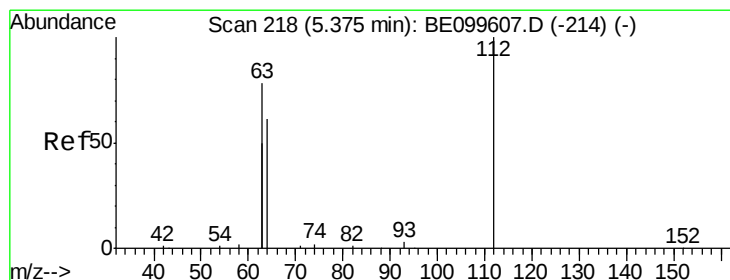
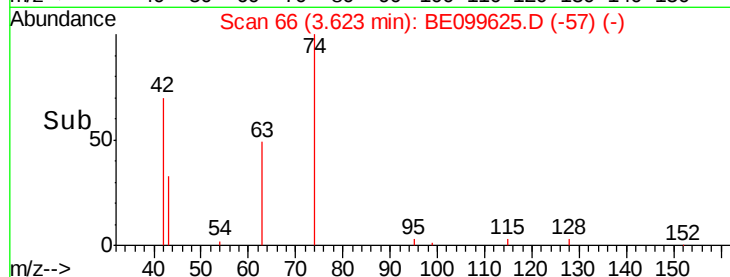
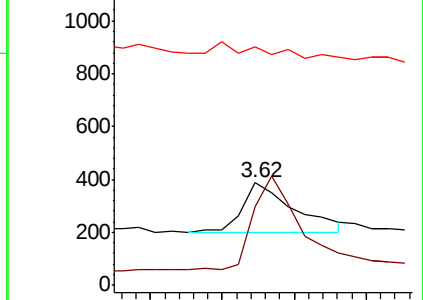
44 0.0 12.5 18.7#



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: 0.339 ng

RT: 5.38 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

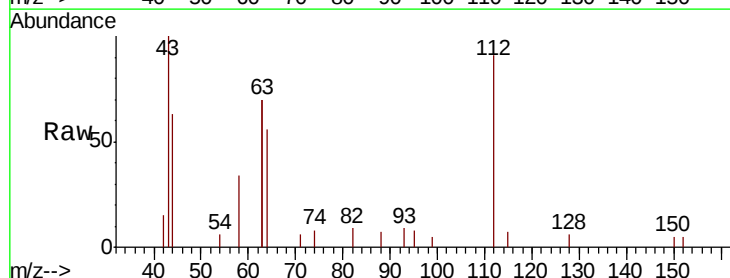
Tgt Ion: 112 Resp: 1571

Ion Ratio Lower Upper

112 100

64 54.7 43.7 65.5

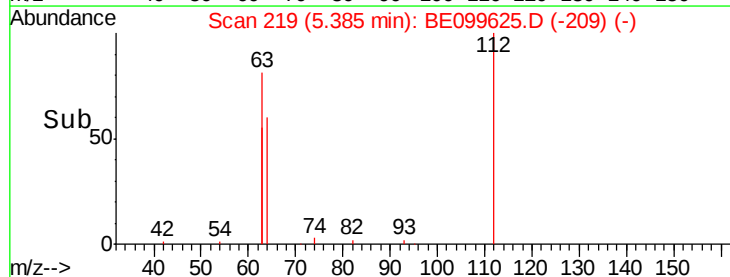
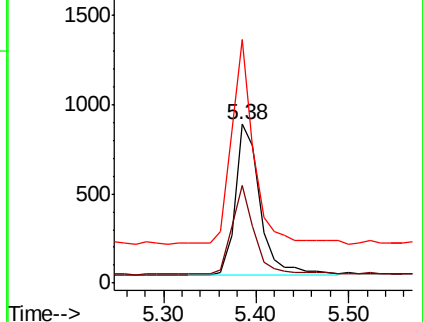
63 122.1 94.0 141.0

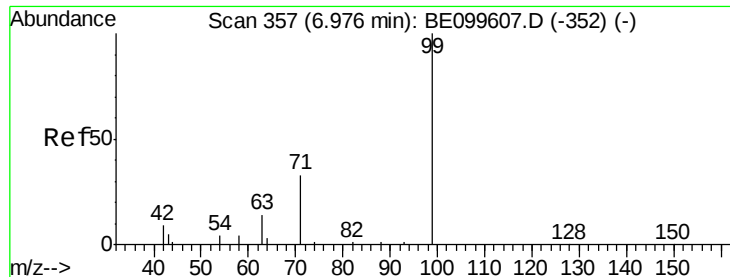


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.352 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

Instrument :

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ClientSampleId :

PB119762BS

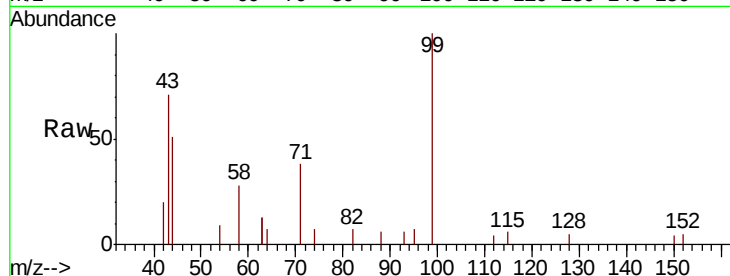
Tgt Ion: 99 Resp: 2068

Ion Ratio Lower Upper

99 100

42 16.4 14.3 21.5

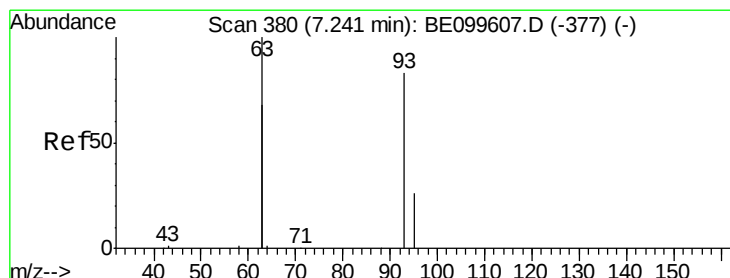
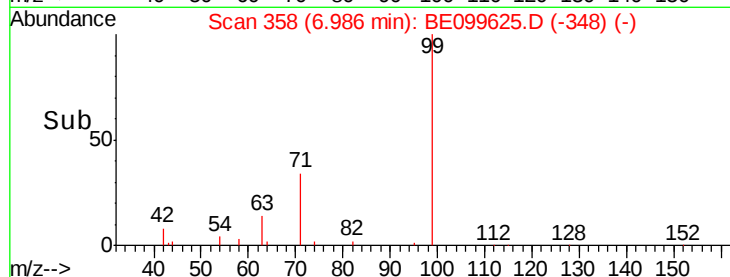
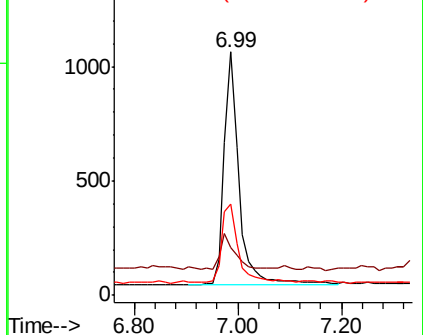
71 36.4 33.1 49.7



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: 0.332 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.01 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

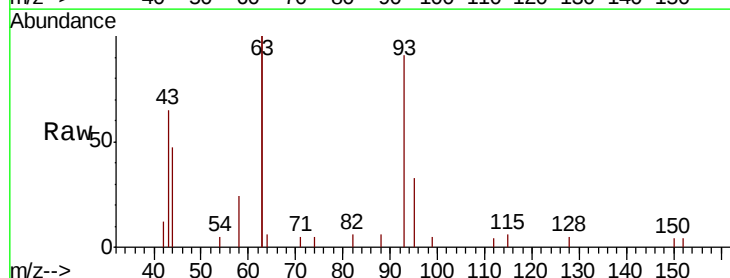
Tgt Ion: 93 Resp: 1640

Ion Ratio Lower Upper

93 100

63 269.3 201.0 301.4

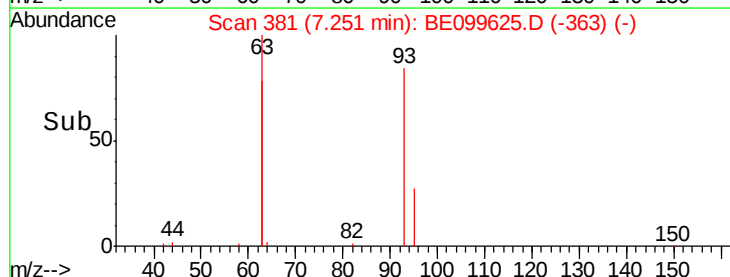
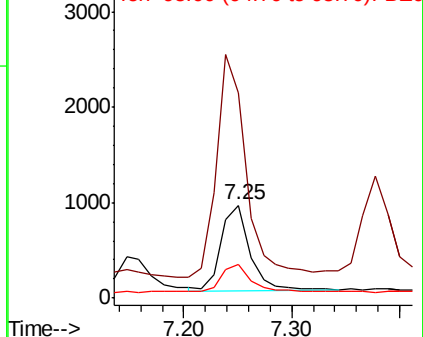
95 37.0 25.0 37.4



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: BE099625.D

Acq: 16 May 2019 16:39

Instrument :

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Tgt Ion:136 Resp: 5659

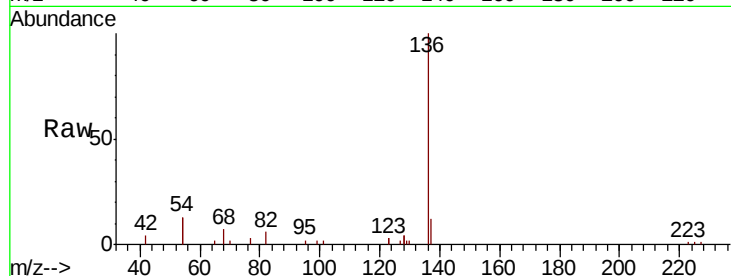
Ion Ratio Lower Upper

136 100

137 11.5 9.7 14.5

54 26.5 23.8 35.8

68 7.2 6.2 9.2

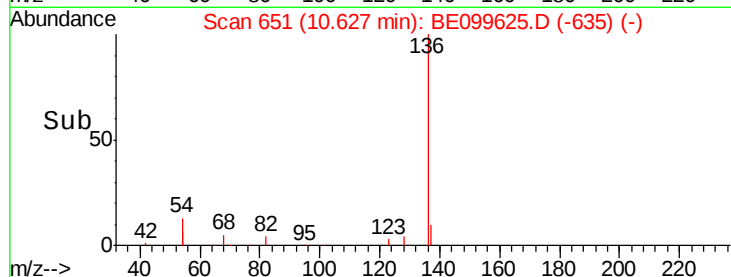


Abundance Ion 136.00 (135.70 to 136.70): E

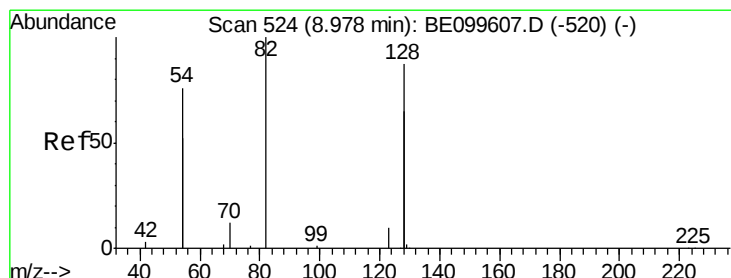
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.333 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

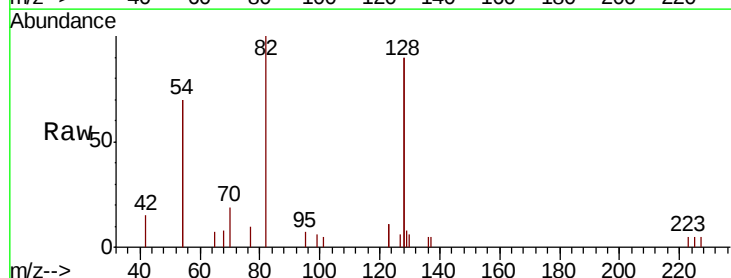
Tgt Ion: 82 Resp: 1826

Ion Ratio Lower Upper

82 100

128 179.2 131.4 197.2

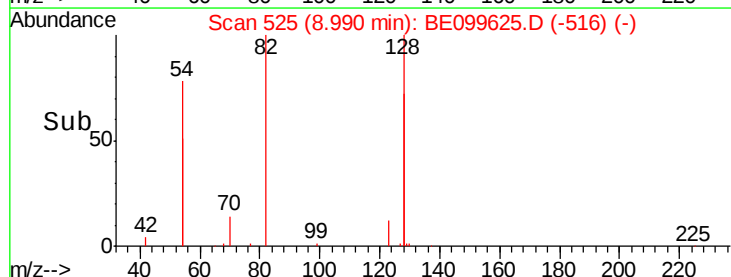
54 139.8 113.9 170.9



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



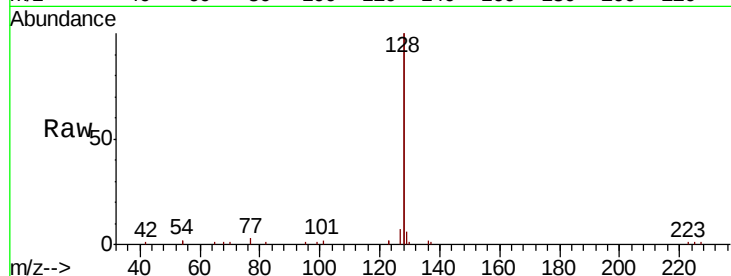
Time-->



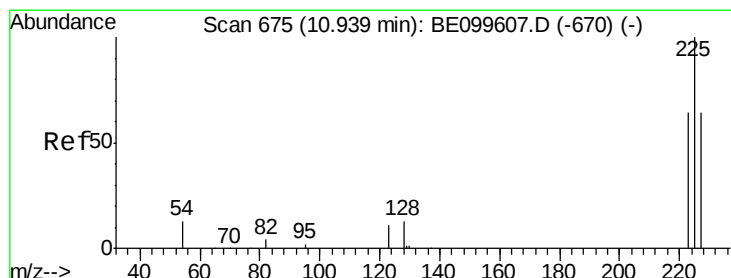
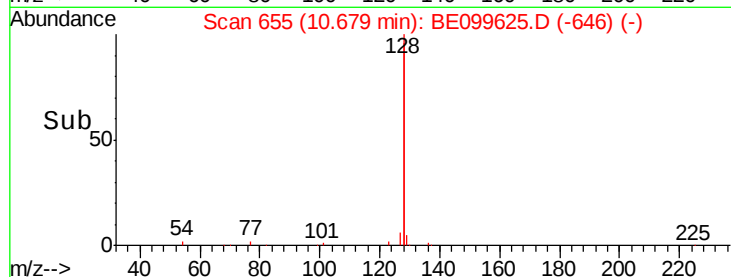
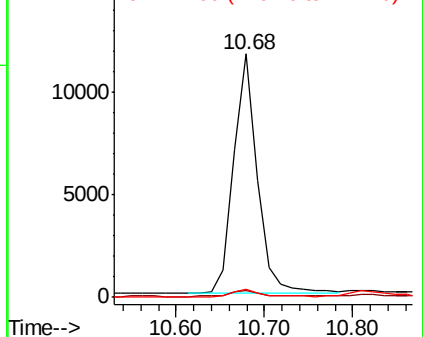
#9
Naphthalene
Concen: 0.357 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.01 min
Lab File: BE099625.D
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Instrument :
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ClientSampleId :
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Tgt Ion:128 Resp: 21480
Ion Ratio Lower Upper
128 100
129 2.9 2.6 4.0
127 3.5 3.0 4.6

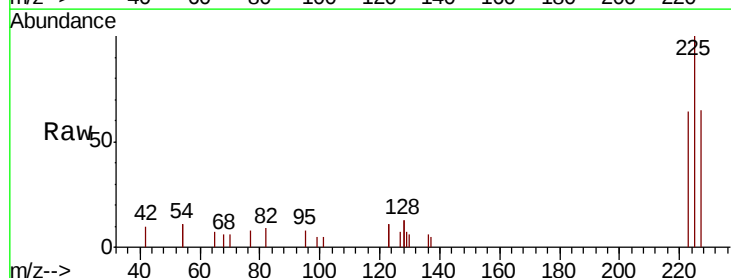


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

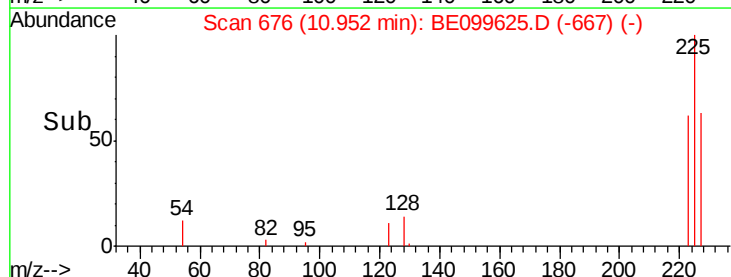
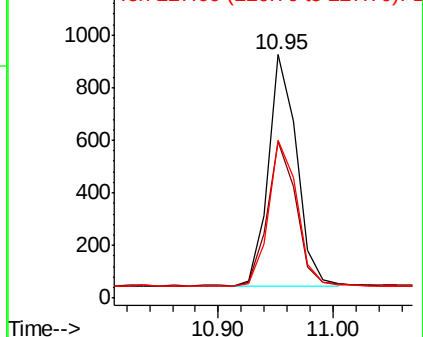


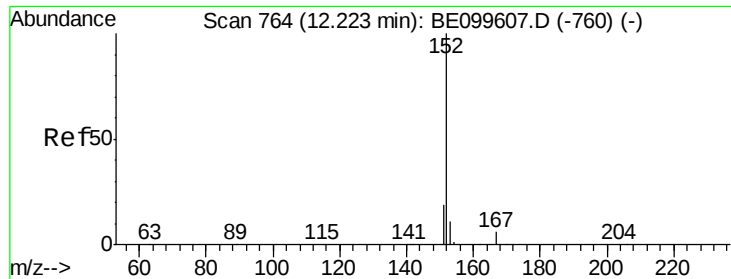
#10
Hexachlorobutadiene
Concen: 0.349 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:225 Resp: 1539
Ion Ratio Lower Upper
225 100
223 63.0 49.8 74.8
227 63.4 51.2 76.8



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

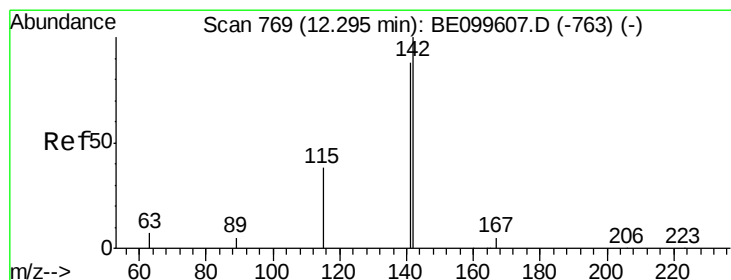
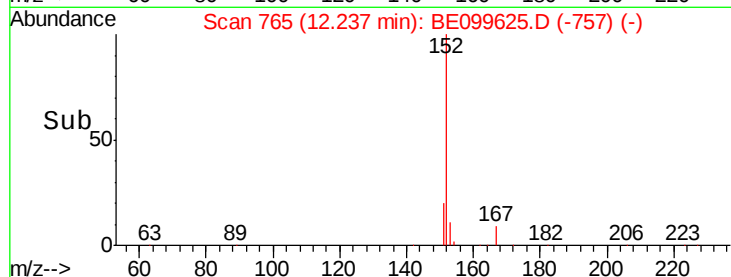
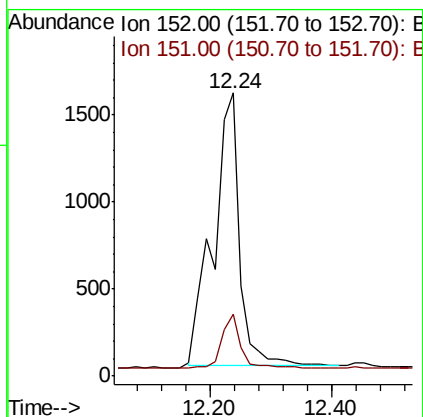
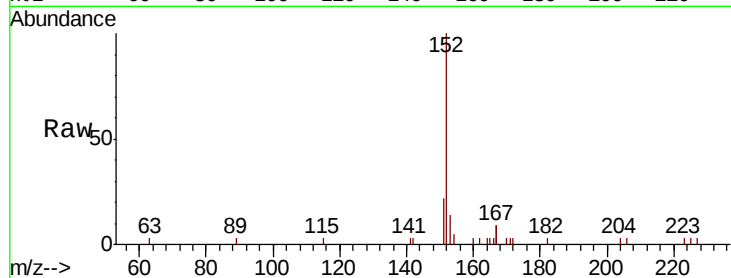




#11
 2-Methylnaphthalene-d10
 Concen: 0.493 ng
 RT: 12.24 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BE099625.D
 Acq: 16 May 2019 16:39

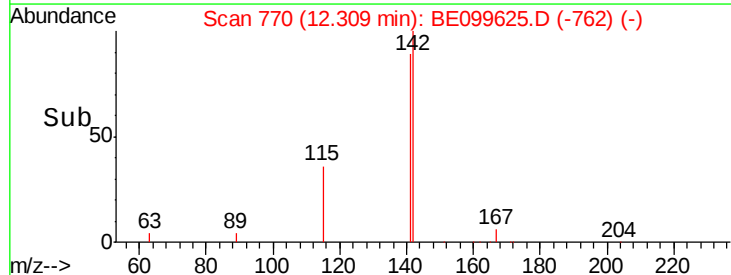
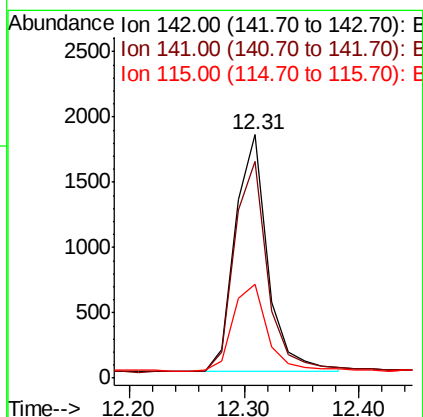
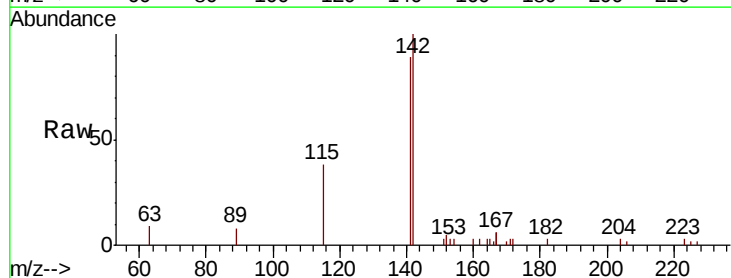
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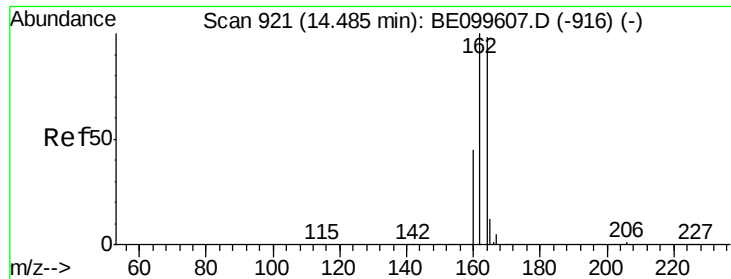
Tgt Ion:152 Resp: 4691
 Ion Ratio Lower Upper
 152 100
 151 14.5 15.3 22.9#



#12
 2-Methylnaphthalene
 Concen: 0.358 ng
 RT: 12.31 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BE099625.D
 Acq: 16 May 2019 16:39

Tgt Ion:142 Resp: 3562
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.4 105.6
 115 38.4 32.2 48.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 922

Delta R.T. 0.01 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

Instrument :

BNA_E

ClientSampleId :

PB119762BS

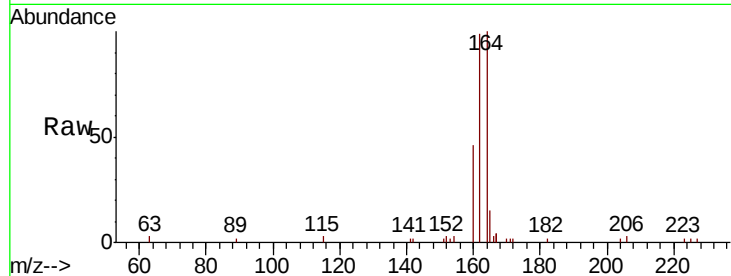
Tgt Ion:164 Resp: 3823

Ion Ratio Lower Upper

164 100

162 99.4 81.4 122.0

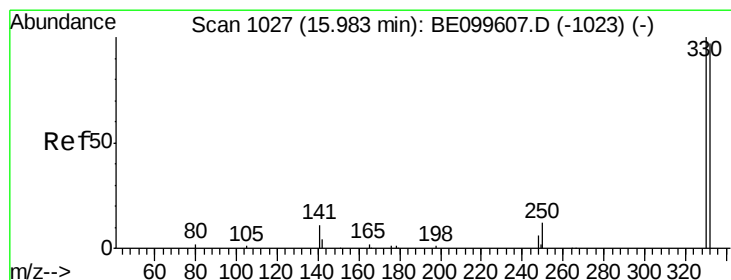
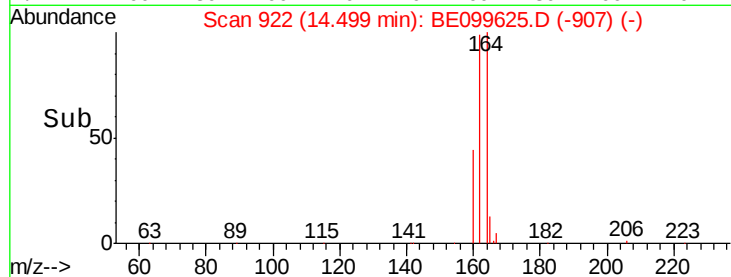
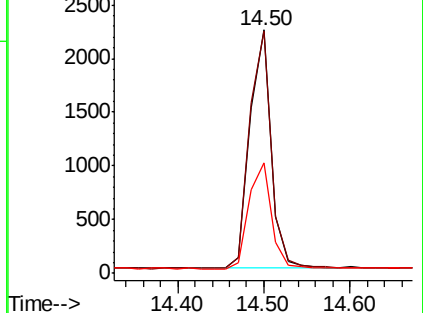
160 45.6 37.4 56.2



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: 0.311 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

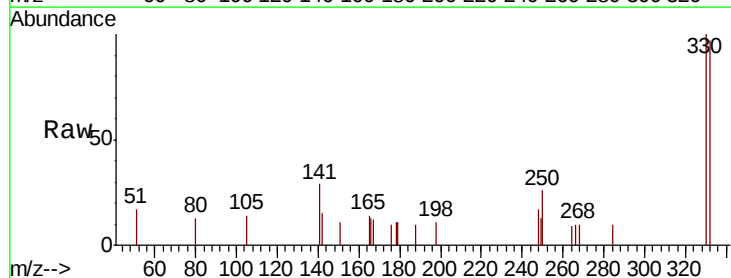
Tgt Ion:330 Resp: 813

Ion Ratio Lower Upper

330 100

332 99.4 73.8 110.8

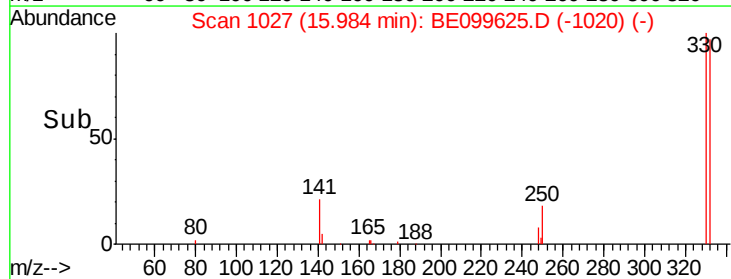
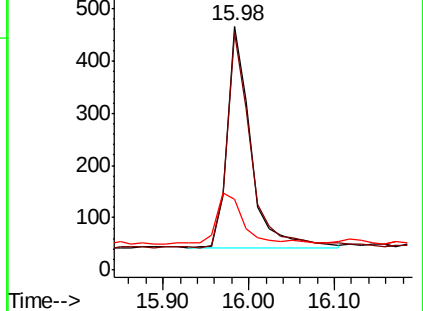
141 25.3 21.0 31.6



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

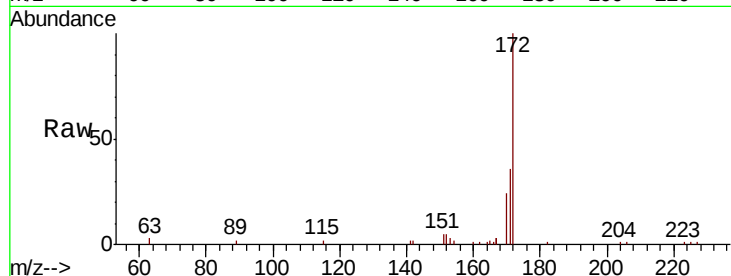




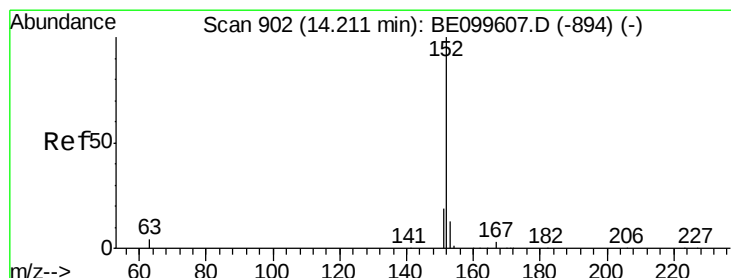
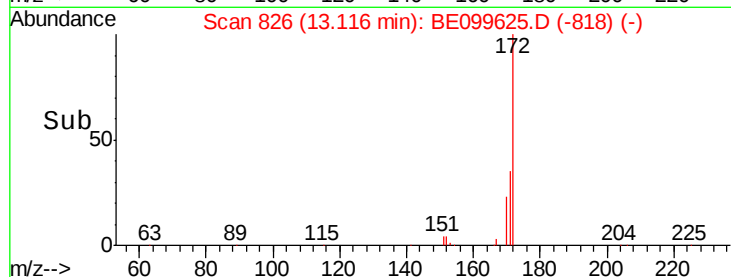
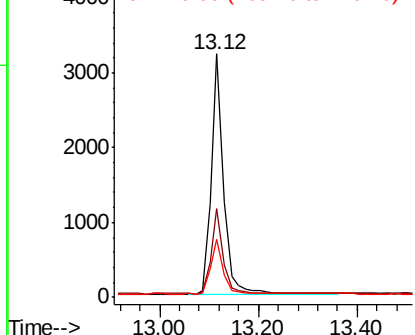
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Instrument :
BNA_E
ClientSampleId :
PB119762BS

Tgt Ion:172 Resp: 5447
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.2
170 23.7 21.5 32.3

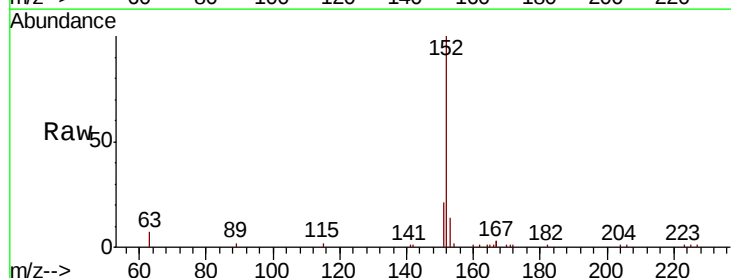


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

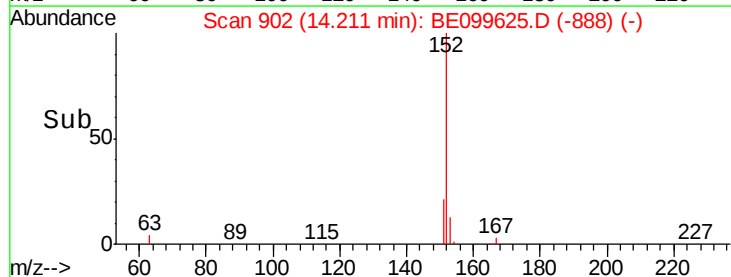
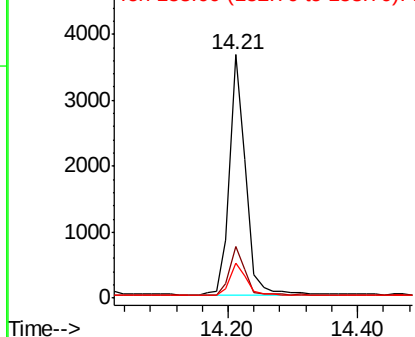


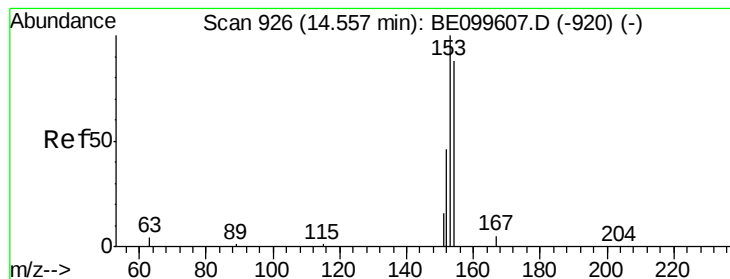
#16
Acenaphthylene
Concen: 0.344 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099625.D
Acq: 16 May 2019 16:39

Tgt Ion:152 Resp: 6217
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.0 10.4 15.6



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: 0.356 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

Instrument :

BNA_E

ClientSampleId :

PB119762BS

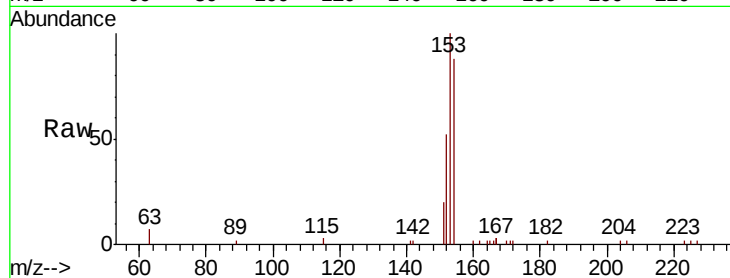
Tgt Ion:154 Resp: 3625

Ion Ratio Lower Upper

154 100

153 116.1 94.1 141.1

152 58.8 46.5 69.7

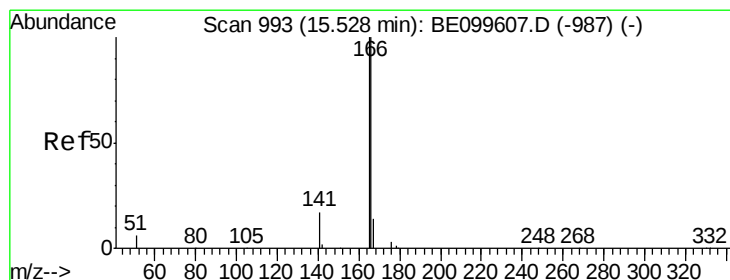
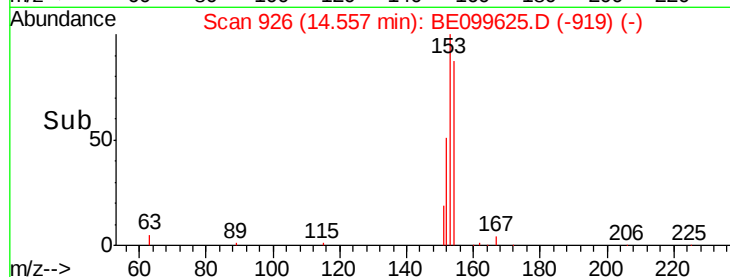
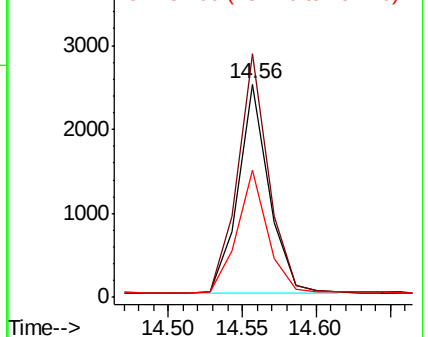


Abundance

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: 0.360 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

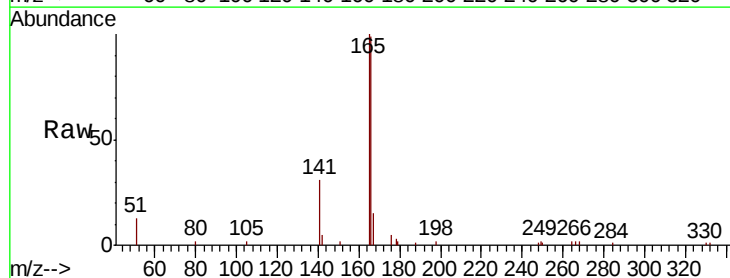
Tgt Ion:166 Resp: 5267

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

167 13.7 11.2 16.8

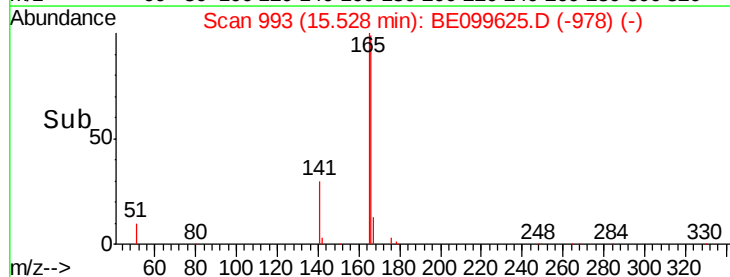
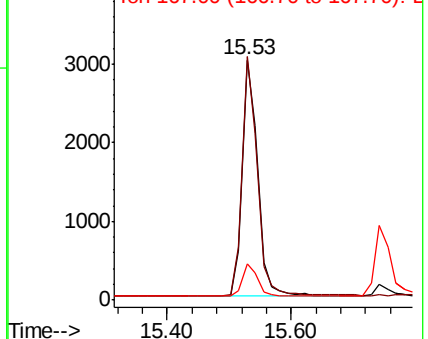


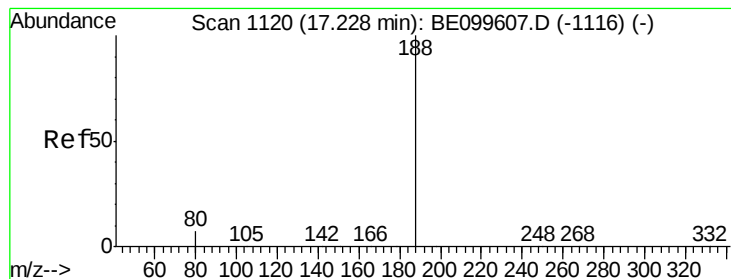
Abundance

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: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

Instrument :

BNA_E

ClientSampleId :

PB119762BS

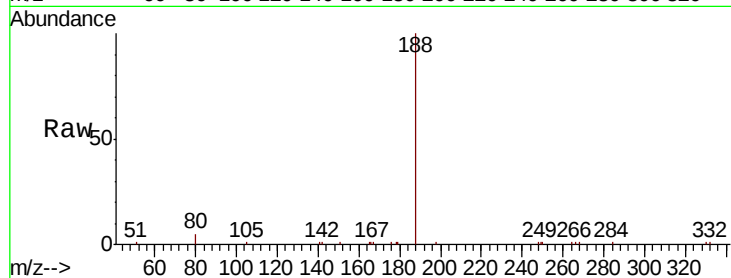
Tgt Ion:188 Resp: 11883

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

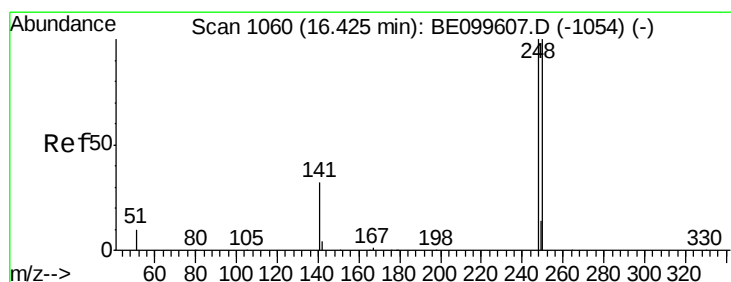
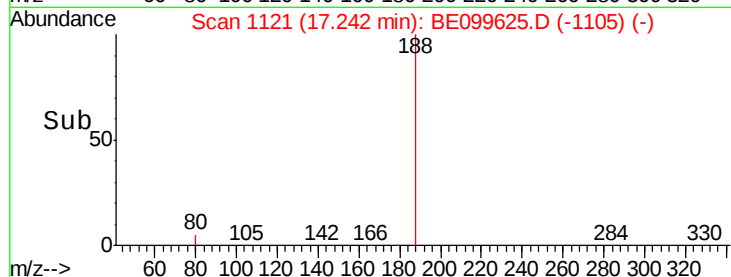
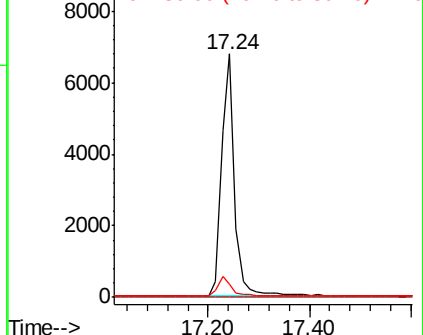
80 5.4 6.4 9.6#



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: 0.338 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

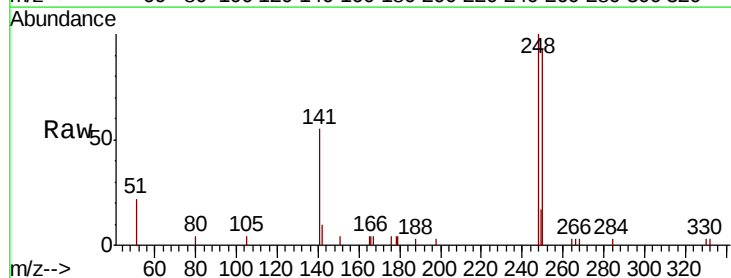
Tgt Ion:248 Resp: 2319

Ion Ratio Lower Upper

248 100

250 93.3 80.4 120.6

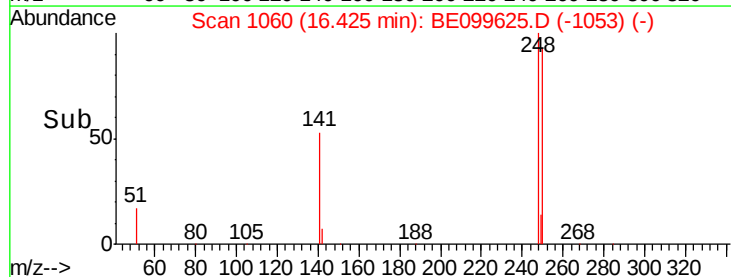
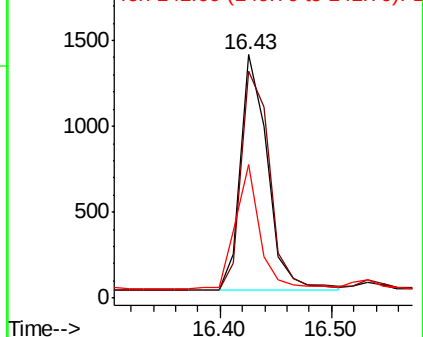
141 54.7 27.8 41.8#

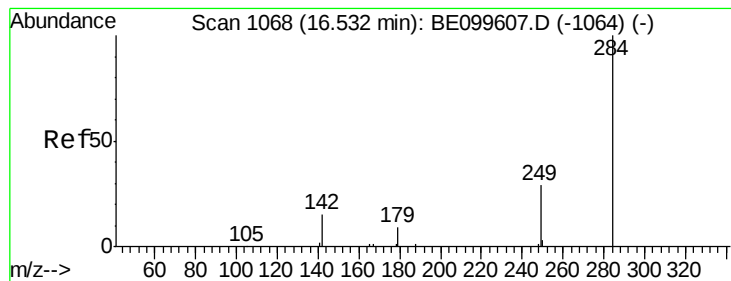


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.350 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

Instrument :

BNA_E

ClientSampleId :

PB119762BS

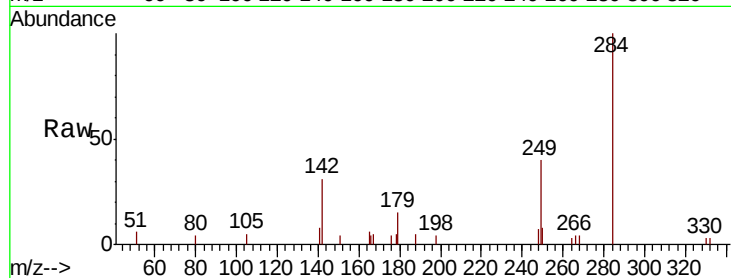
Tgt Ion:284 Resp: 2358

Ion Ratio Lower Upper

284 100

142 23.9 19.4 29.2

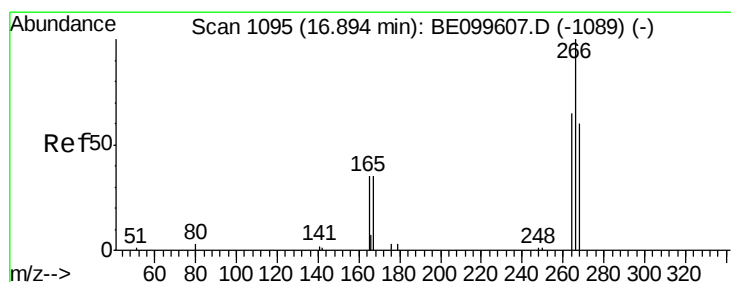
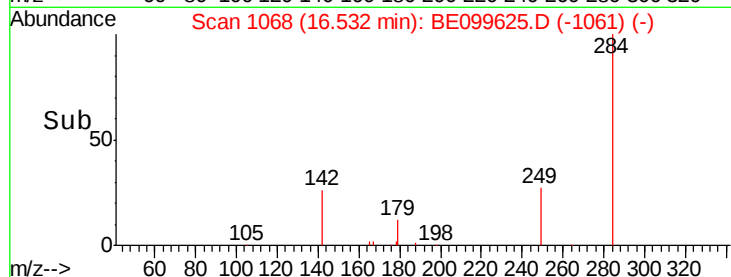
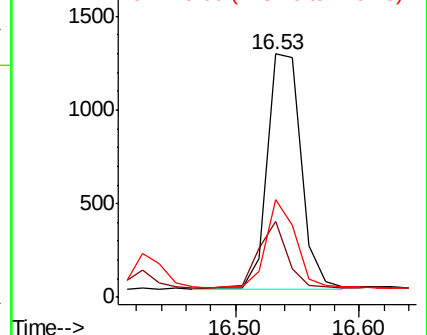
249 32.7 24.6 37.0



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: 0.481 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

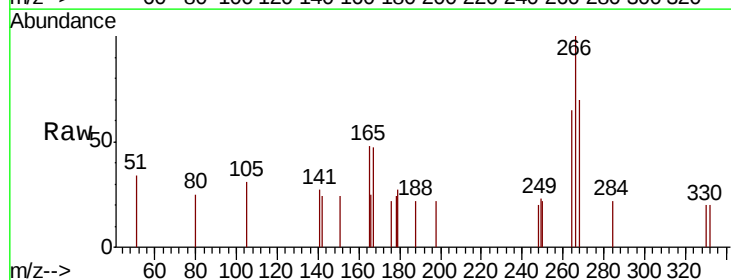
Tgt Ion:266 Resp: 808

Ion Ratio Lower Upper

266 100

264 65.1 57.7 86.5

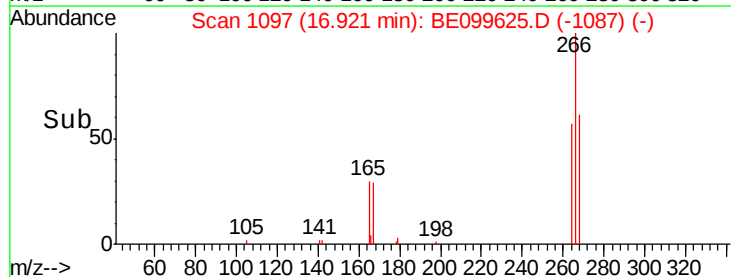
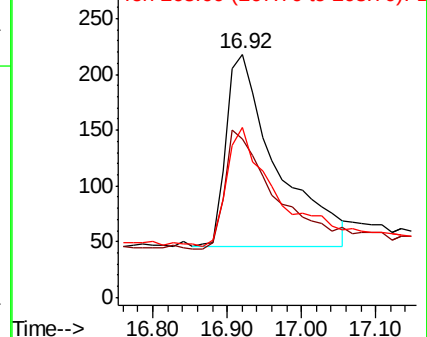
268 70.2 55.8 83.8



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: 0.347 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

Instrument :

BNA_E

ClientSampleId :

PB119762BS

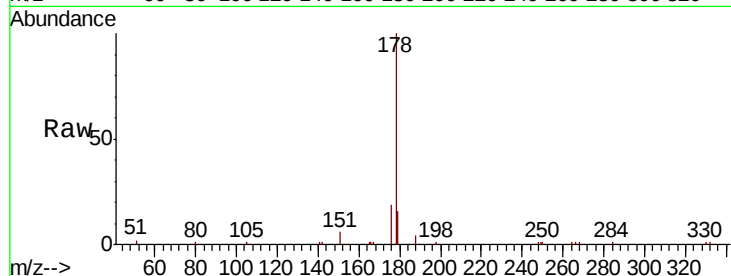
Tgt Ion:178 Resp: 10228

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

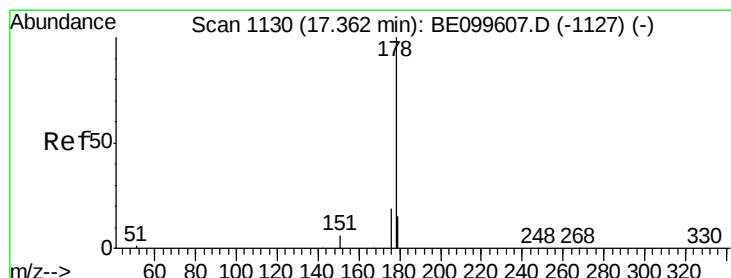
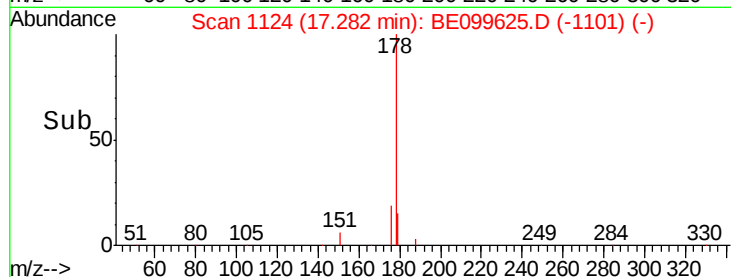
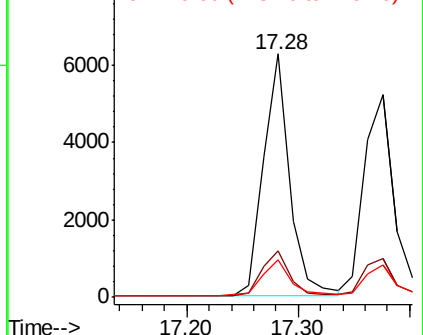
179 15.7 12.2 18.2



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: 0.346 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

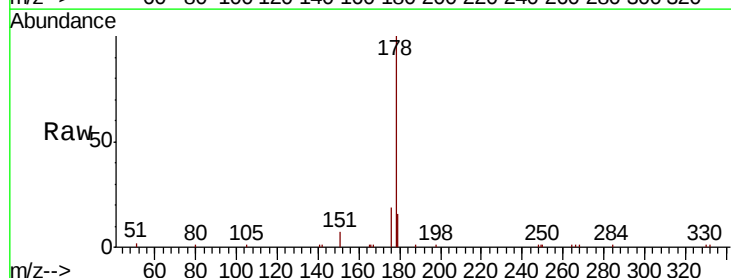
Tgt Ion:178 Resp: 9405

Ion Ratio Lower Upper

178 100

176 18.4 15.2 22.8

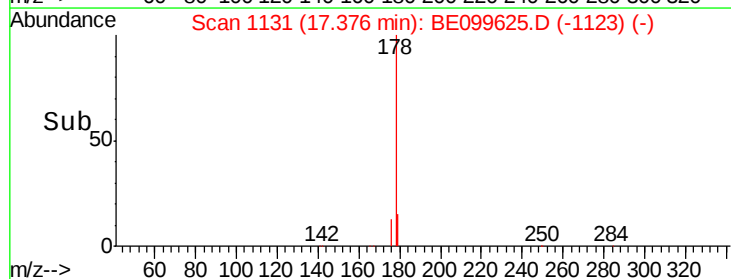
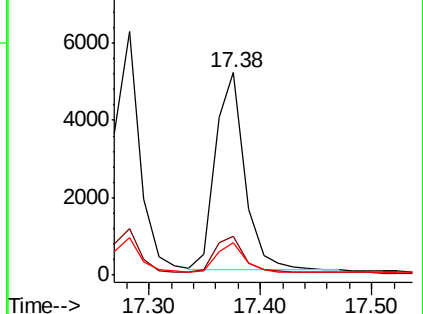
179 14.3 12.1 18.1



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





#25

Fluoranthene-d10

Concen: 0.359 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

Instrument :

BNA_E

ClientSampleId :

PB119762BS

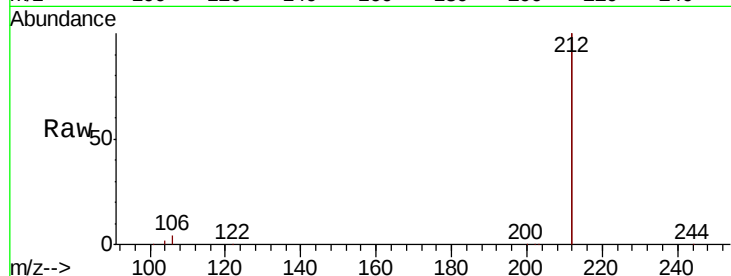
Tgt Ion:212 Resp: 56702

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

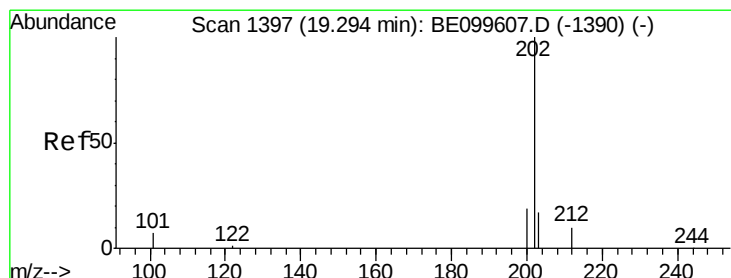
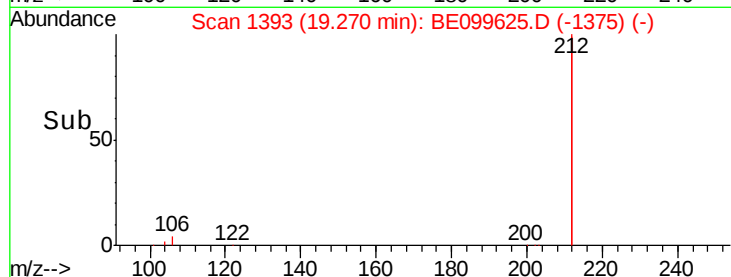
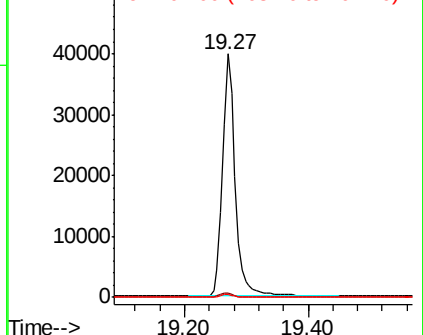
104 1.0 0.9 1.3



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: 0.360 ng

RT: 19.30 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

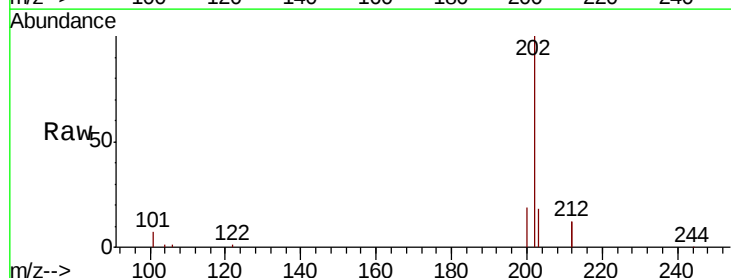
Tgt Ion:202 Resp: 16051

Ion Ratio Lower Upper

202 100

101 6.6 5.0 7.6

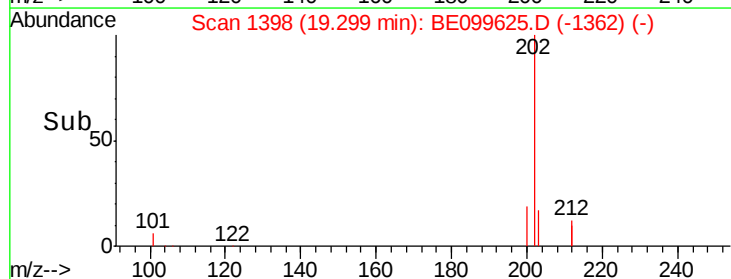
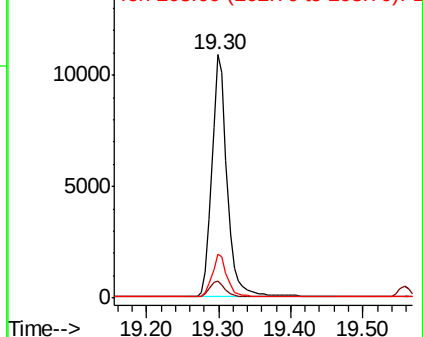
203 16.9 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

Instrument :

BNA_E

ClientSampleId :

PB119762BS

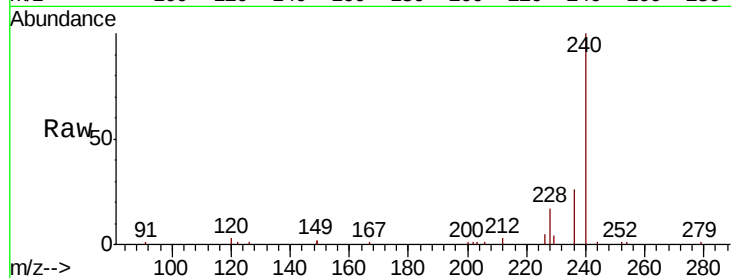
Tgt Ion:240 Resp: 17511

Ion Ratio Lower Upper

240 100

120 3.5 5.7 8.5#

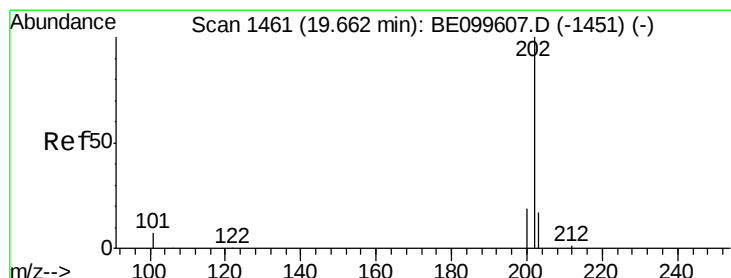
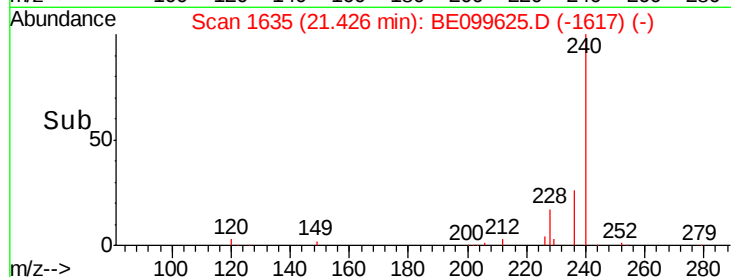
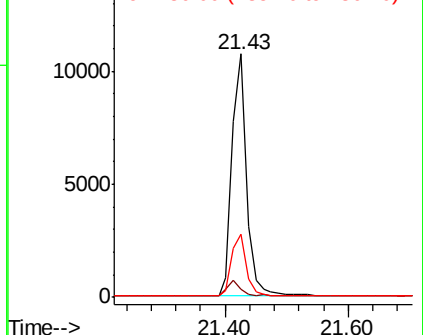
236 26.1 22.8 34.2



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: 0.379 ng

RT: 19.67 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

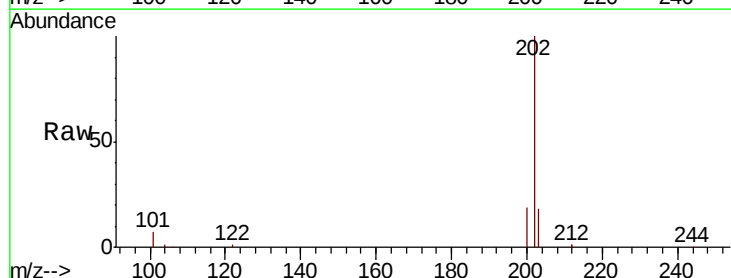
Tgt Ion:202 Resp: 16934

Ion Ratio Lower Upper

202 100

200 19.5 15.8 23.6

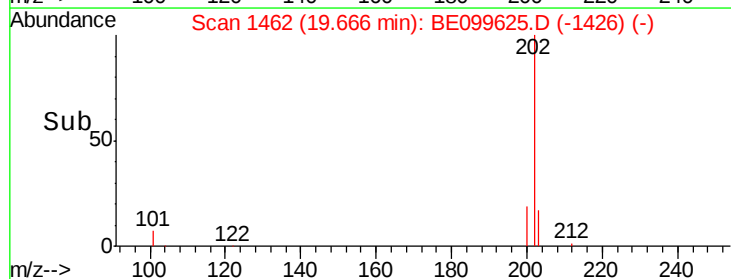
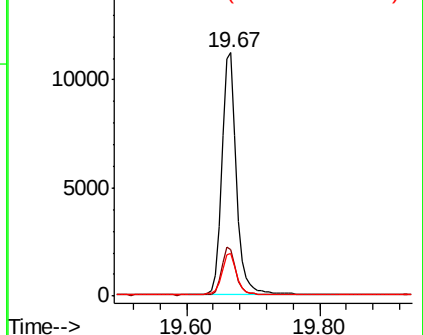
203 17.9 14.1 21.1

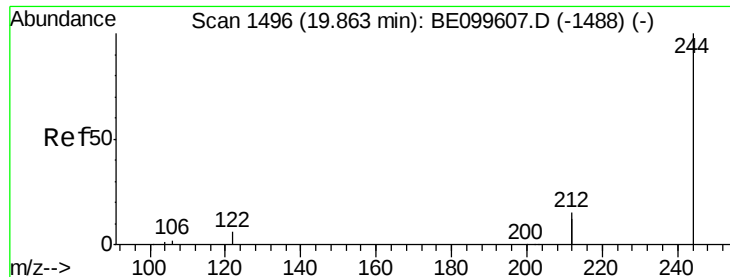


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.363 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

Instrument :

BNA_E

ClientSampleId :

PB119762BS

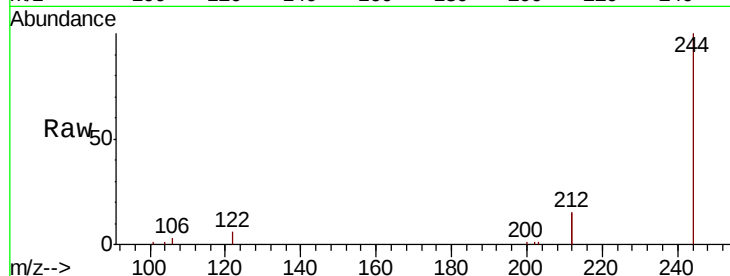
Tgt Ion:244 Resp: 11435

Ion Ratio Lower Upper

244 100

212 29.9 23.8 35.6

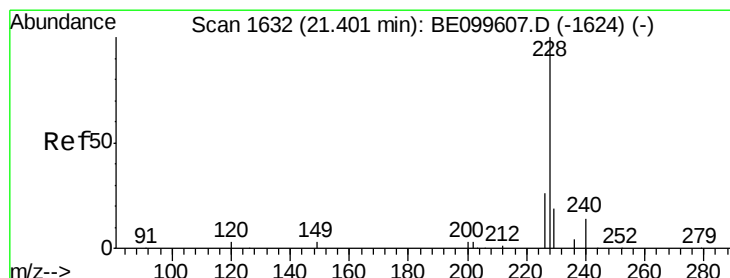
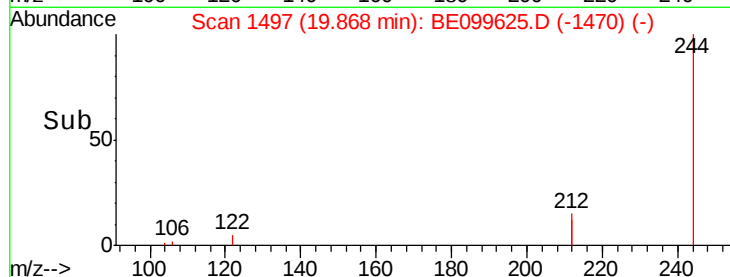
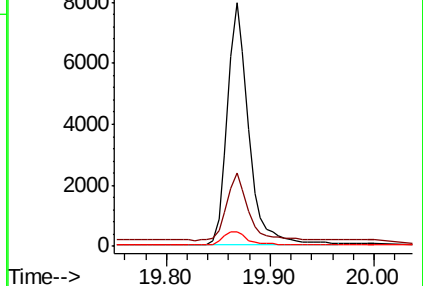
122 6.0 5.0 7.6



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: 0.360 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

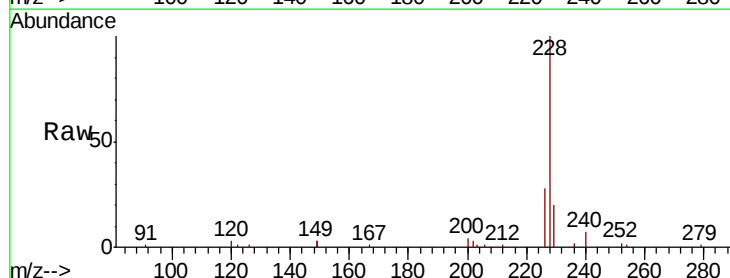
Tgt Ion:228 Resp: 19070

Ion Ratio Lower Upper

228 100

226 27.7 21.4 32.2

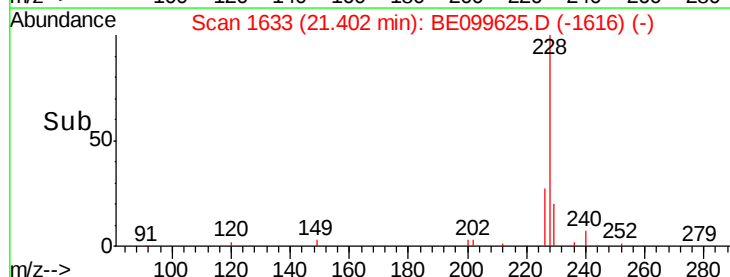
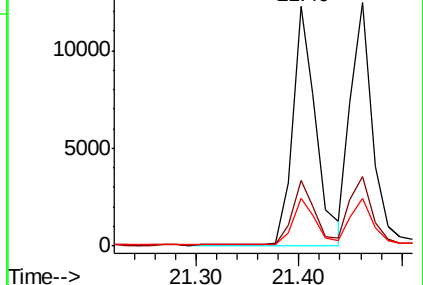
229 20.0 15.8 23.8

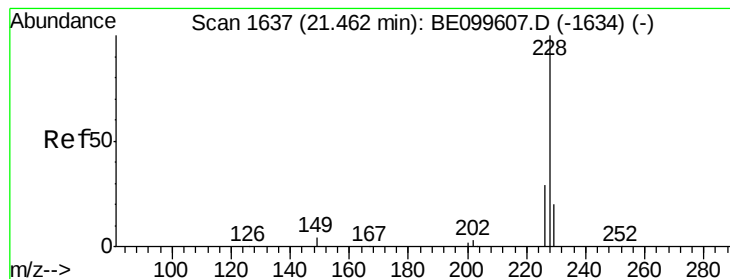


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.333 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

Instrument :

BNA_E

ClientSampleId :

PB119762BS

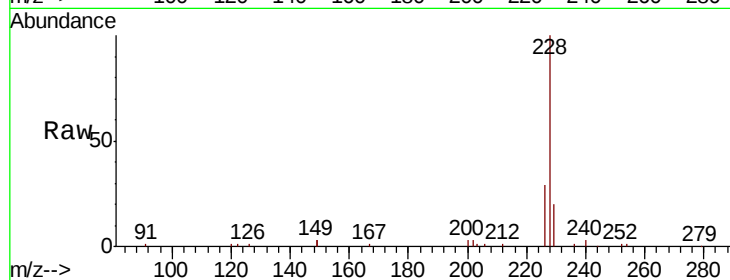
Tgt Ion:228 Resp: 18132

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.4

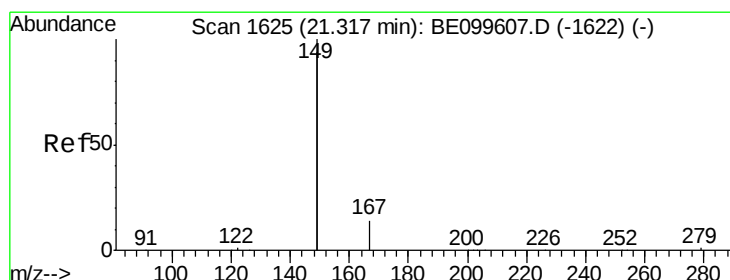
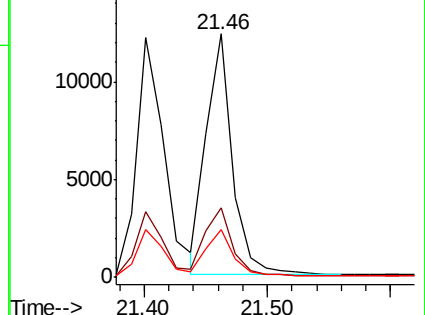
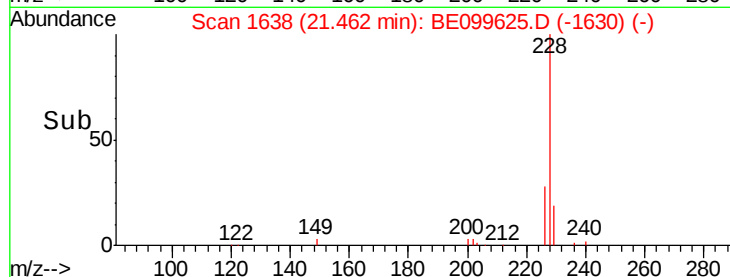
229 19.7 16.4 24.6



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: 0.337 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

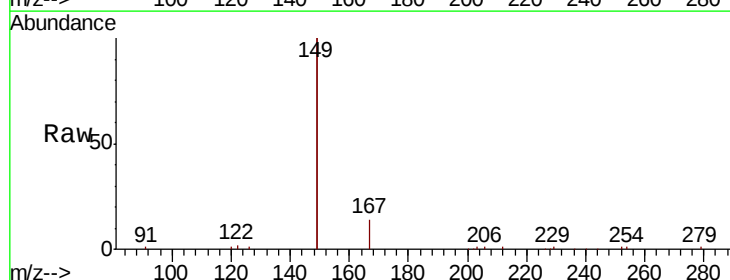
Tgt Ion:149 Resp: 27540

Ion Ratio Lower Upper

149 100

167 7.3 6.0 9.0

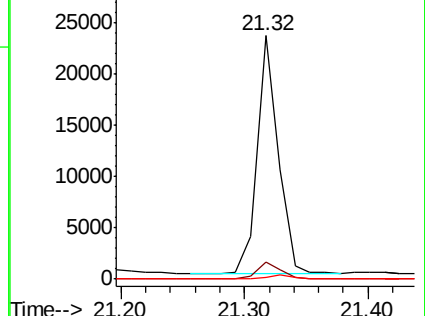
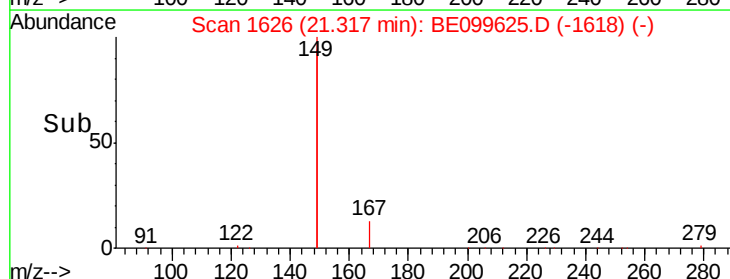
279 1.5 1.1 1.7



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: 0.326 ng

RT: 26.66 min Scan# 2979

Delta R.T. 0.01 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

Instrument :

BNA_E

ClientSampleId :

PB119762BS

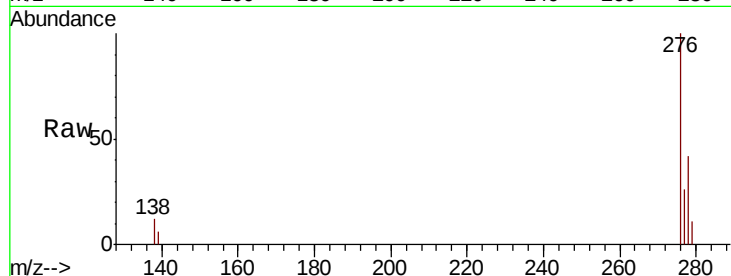
Tgt Ion:276 Resp: 22137

Ion Ratio Lower Upper

276 100

138 5.1 10.0 15.0#

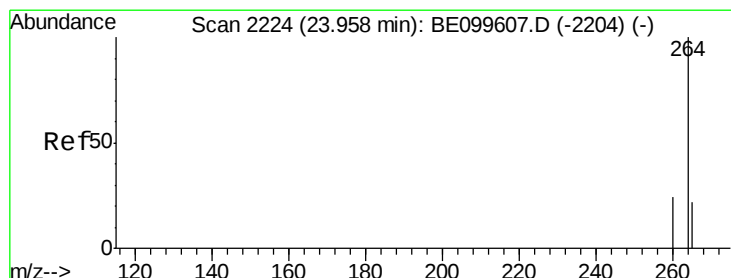
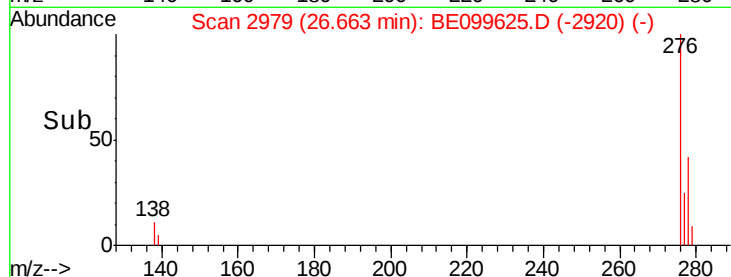
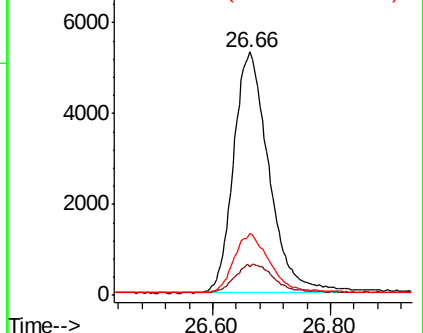
277 24.4 19.1 28.7



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: 23.97 min Scan# 2227

Delta R.T. 0.01 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

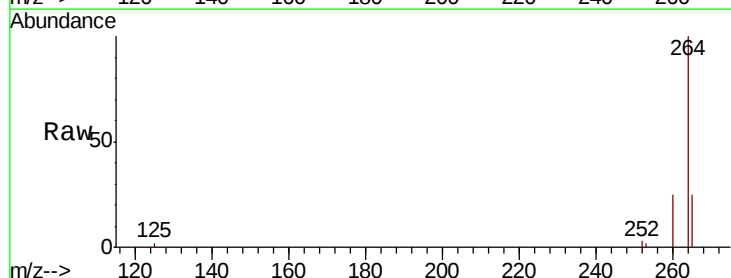
Tgt Ion:264 Resp: 18107

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

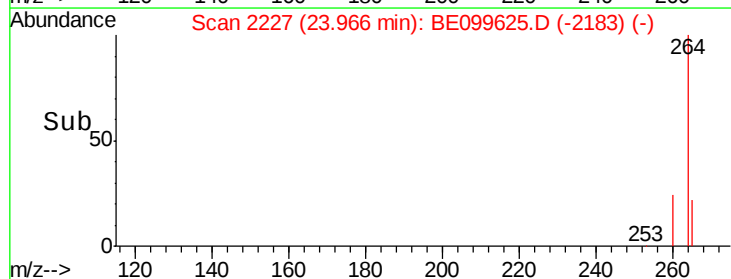
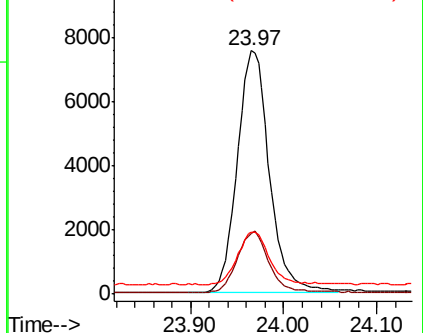
265 25.3 21.2 31.8



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: 0.361 ng

RT: 23.18 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

Instrument :

BNA_E

ClientSampleId :

PB119762BS

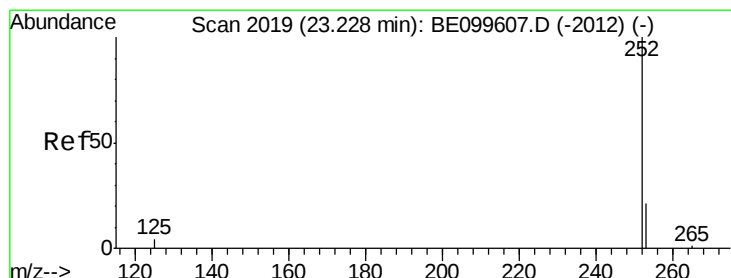
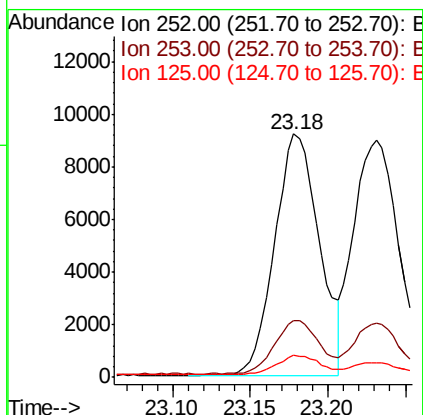
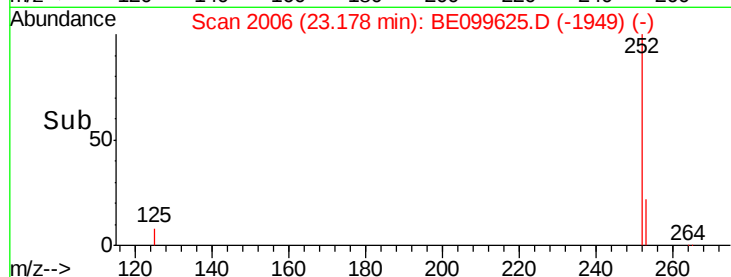
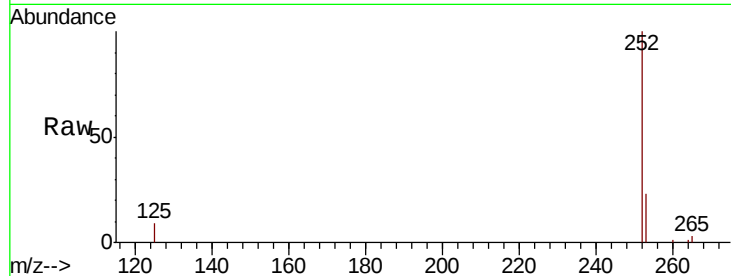
Tgt Ion:252 Resp: 18295

Ion Ratio Lower Upper

252 100

253 23.4 19.1 28.7

125 8.8 7.8 11.8



#36

Benzo(k)fluoranthene

Concen: 0.378 ng

RT: 23.23 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

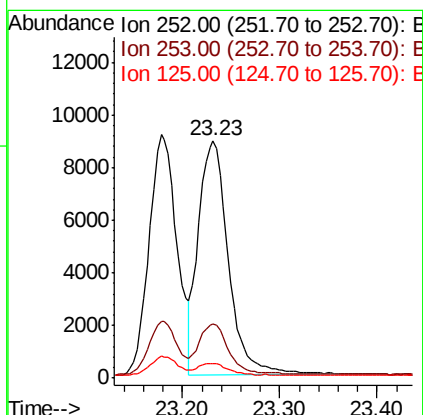
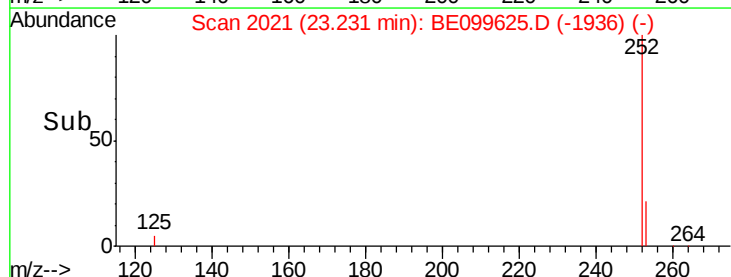
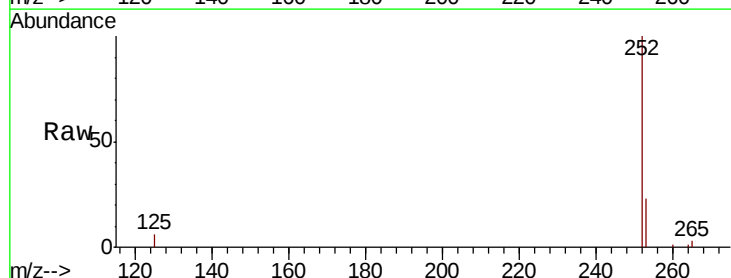
Tgt Ion:252 Resp: 18918

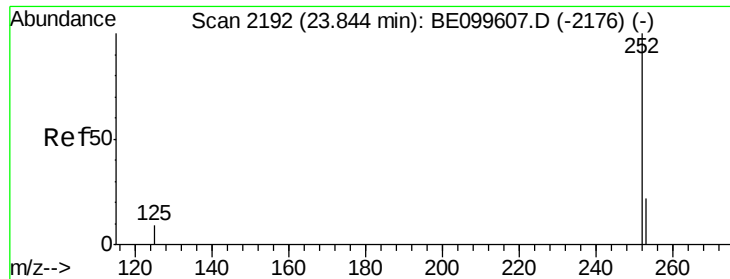
Ion Ratio Lower Upper

252 100

253 22.8 18.6 28.0

125 6.1 5.2 7.8





#37

Benzo(a)pyrene

Concen: 0.366 ng

RT: 23.85 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

Instrument :

BNA_E

ClientSampleId :

PB119762BS

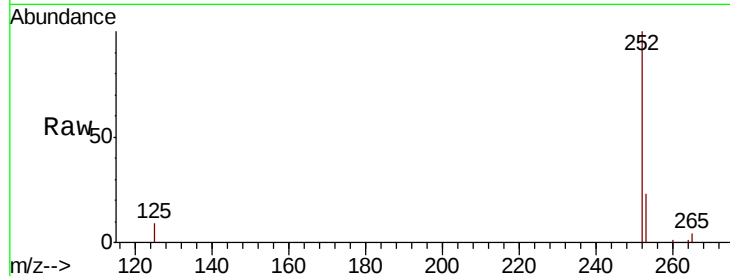
Tgt Ion: 252 Resp: 17962

Ion Ratio Lower Upper

252 100

253 23.3 19.0 28.6

125 9.0 8.8 13.2

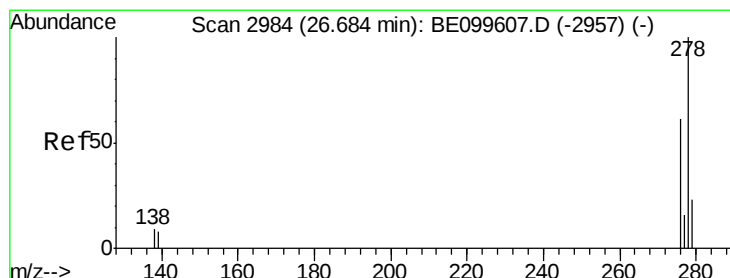
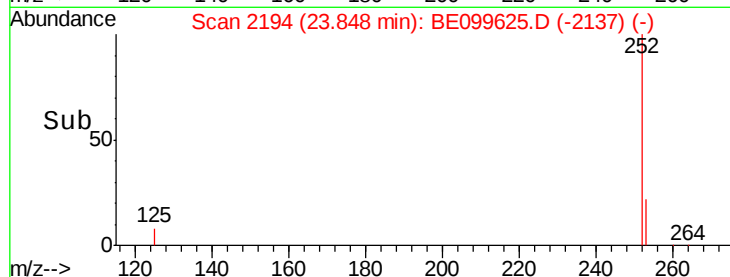
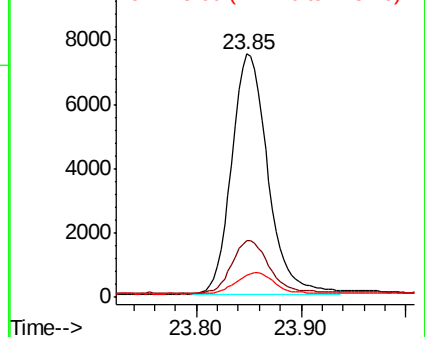


Abundance

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: 0.363 ng

RT: 26.69 min Scan# 2987

Delta R.T. 0.01 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

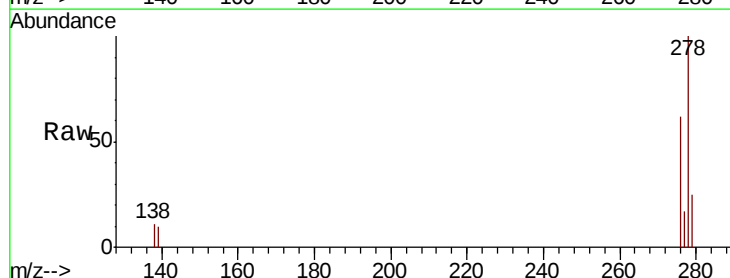
Tgt Ion: 278 Resp: 18480

Ion Ratio Lower Upper

278 100

139 10.2 7.9 11.9

279 24.5 19.5 29.3

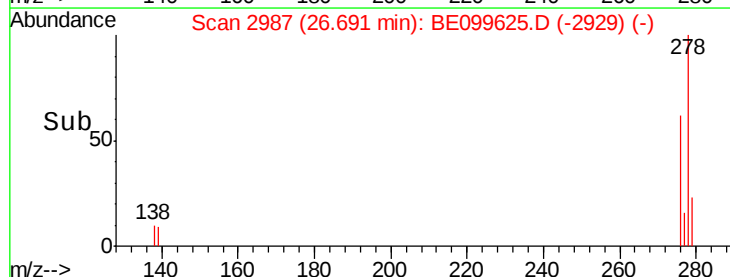
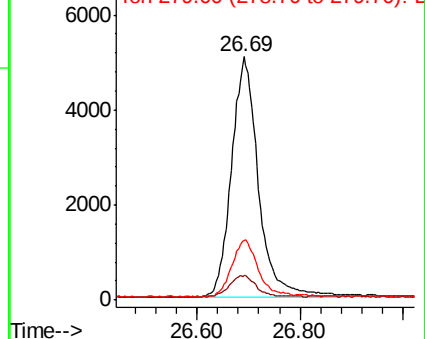


Abundance

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: 0.366 ng

RT: 27.50 min Scan# 3213

Delta R.T. 0.01 min

Lab File: BE099625.D

Acq: 16 May 2019 16:39

Instrument :

BNA_E

ClientSampleId :

PB119762BS

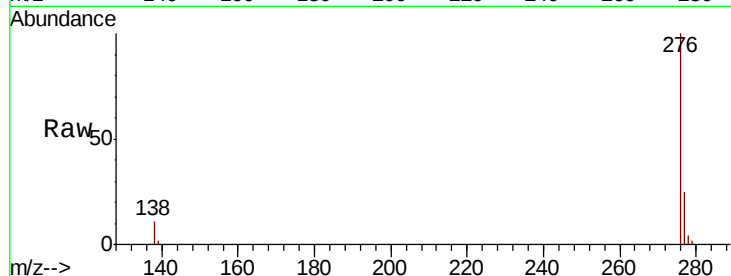
Tgt Ion: 276 Resp: 18729

Ion Ratio Lower Upper

276 100

277 24.6 19.3 28.9

138 11.1 9.1 13.7



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

