

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051419\
 Data File : BE099605.D
 Acq On : 14 May 2019 15:17
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 14 19:11:13 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 19:05:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1374	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4810	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3225	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9508	0.40	ng	0.00
27) Chrysene-d12	21.41	240	14396	0.40	ng	0.00
34) Perylene-d12	23.96	264	16784	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	402	0.11	ng	0.00
5) Phenol-d6	6.98	99	461	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	398	0.09	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	758	0.09	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	206	0.11	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	1179	0.09	ng	0.00
25) Fluoranthene-d10	19.27	212	12176	0.10	ng	0.00
29) Terphenyl-d14	19.86	244	2541	0.10	ng	0.00

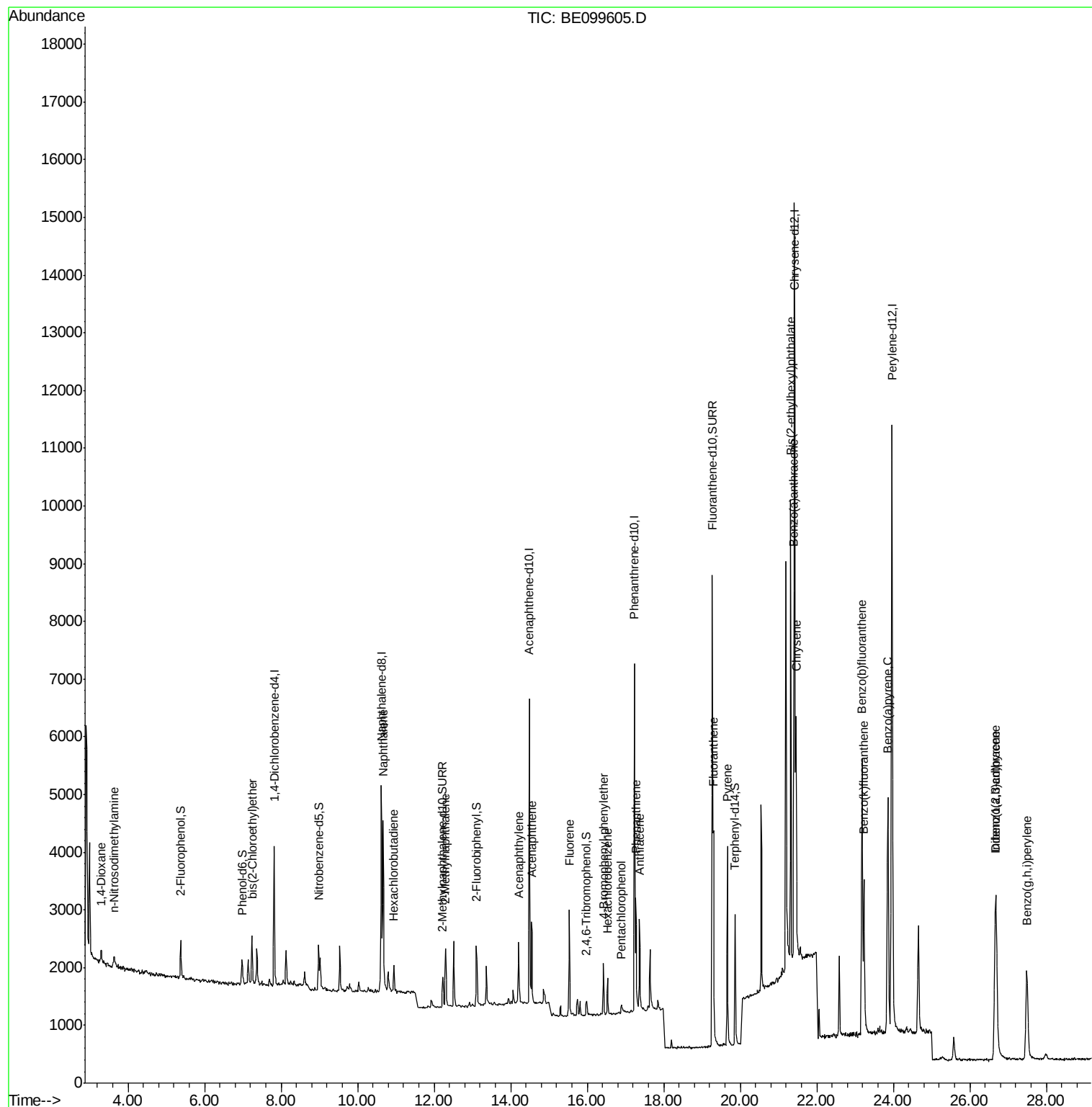
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	234	0.121	ng	# 76
3) n-Nitrosodimethylamine	3.62	42	149	0.124	ng	# 70
6) bis(2-Chloroethyl)ether	7.24	93	389	0.095	ng	94
9) Naphthalene	10.67	128	4946	0.096	ng	# 96
10) Hexachlorobutadiene	10.94	225	374	0.101	ng	94
12) 2-Methylnaphthalene	12.30	142	781	0.093	ng	# 87
16) Acenaphthylene	14.21	152	1398	0.090	ng	95
17) Acenaphthene	14.54	154	807	0.093	ng	99
18) Fluorene	15.53	166	1200	0.096	ng	98
20) 4-Bromophenyl-phenylether	16.43	248	507	0.093	ng	# 91
21) Hexachlorobenzene	16.53	284	512	0.094	ng	95
22) Pentachlorophenol	16.89	266	196	0.090	ng	92
23) Phenanthrene	17.27	178	2216	0.094	ng	98
24) Anthracene	17.36	178	1916	0.086	ng	99
26) Fluoranthene	19.30	202	3367	0.095	ng	100
28) Pyrene	19.66	202	3579	0.094	ng	99
30) Benzo(a)anthracene	21.40	228	4066	0.092	ng	95
31) Chrysene	21.46	228	4285	0.098	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	8507	0.135	ng	100
33) Indeno(1,2,3-cd)pyrene	26.66	276	5261	0.096	ng	96
35) Benzo(b)fluoranthene	23.18	252	4682	0.101	ng	# 32
36) Benzo(k)fluoranthene	23.23	252	4475	0.097	ng	# 87
37) Benzo(a)pyrene	23.85	252	4610	0.103	ng	# 28
38) Dibenzo(a,h)anthracene	26.68	278	4301	0.092	ng	# 84
39) Benzo(g,h,i)perylene	27.49	276	4408	0.093	ng	# 93

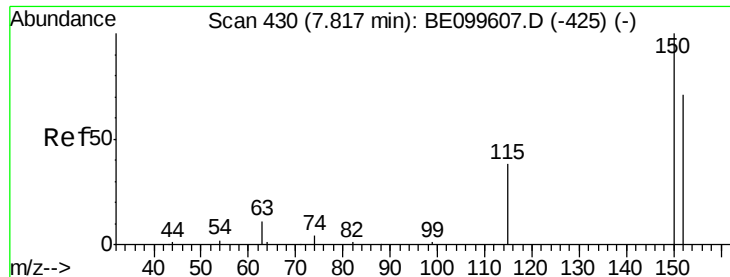
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051419\
Data File : BE099605.D
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Quant Time: May 14 19:11:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M
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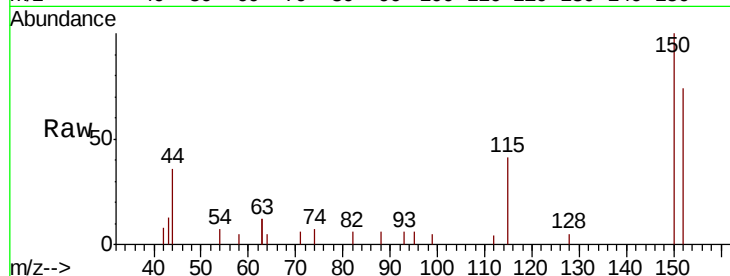


#1

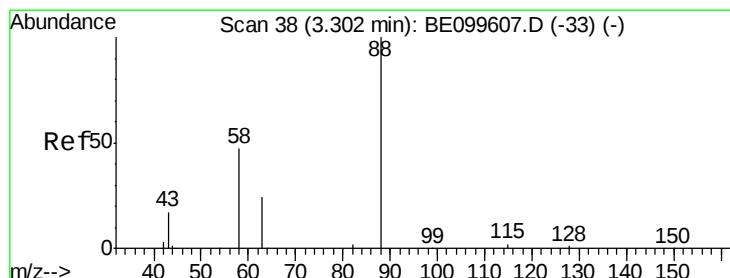
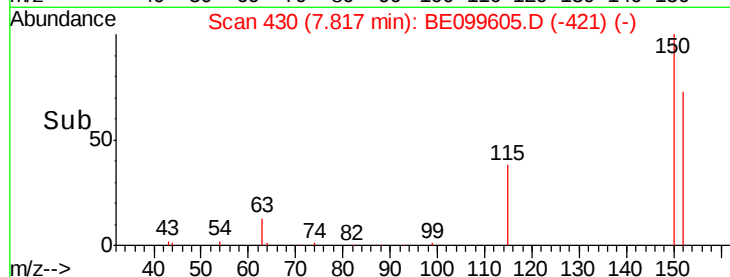
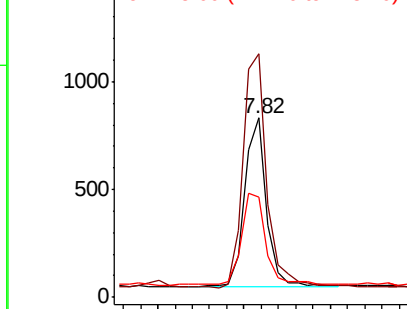
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099605.D
Acq: 14 May 2019 15:17

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1374
Ion Ratio Lower Upper
152 100
150 135.7 110.1 165.1
115 55.6 46.2 69.4



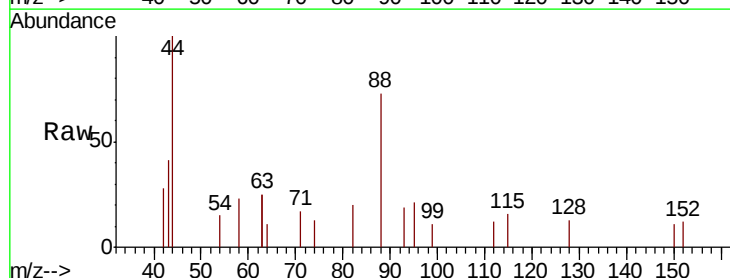
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



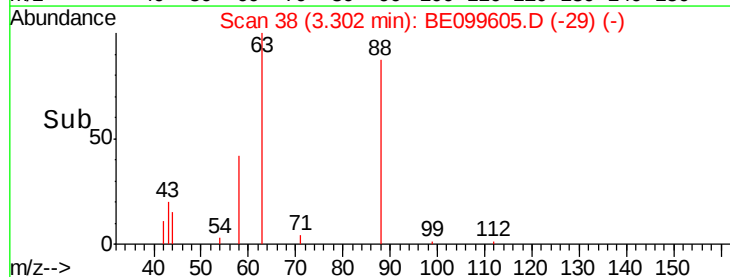
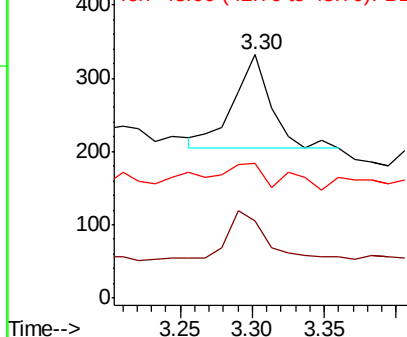
#2

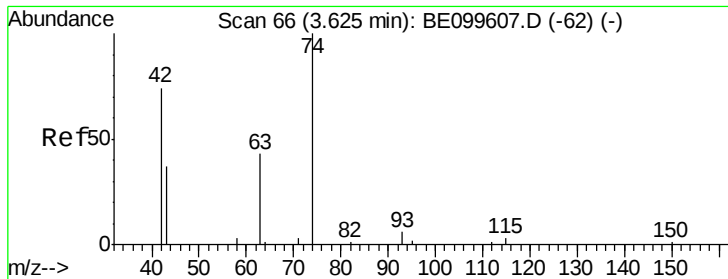
1,4-Dioxane
Concen: 0.121 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099605.D
Acq: 14 May 2019 15:17

Tgt Ion: 88 Resp: 234
Ion Ratio Lower Upper
88 100
58 54.3 39.8 59.6
43 56.0 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



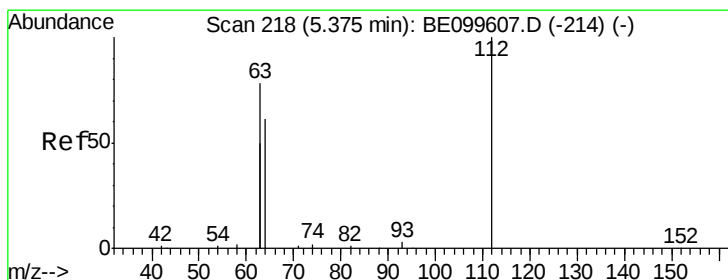
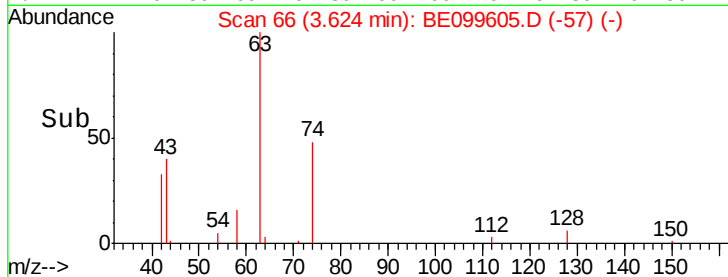
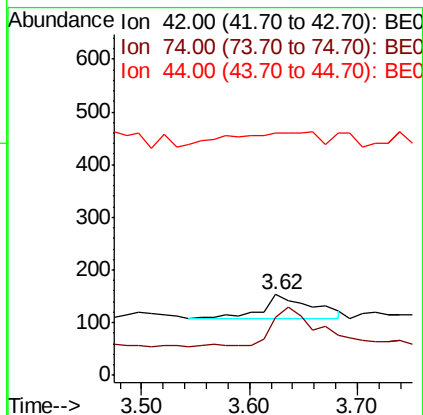
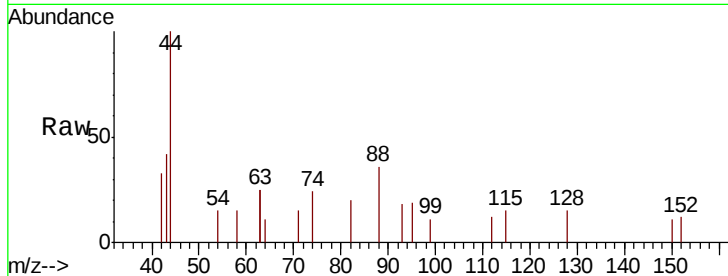


#3

n-Nitrosodimethylamine
 Concen: 0.124 ng
 RT: 3.62 min Scan# 66
 Delta R.T. -0.00 min
 Lab File: BE099605.D
 Acq: 14 May 2019 15:17

Instrument :
 BNA_E
 ClientSampleId :

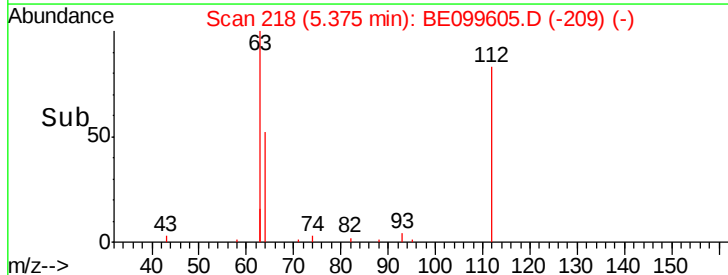
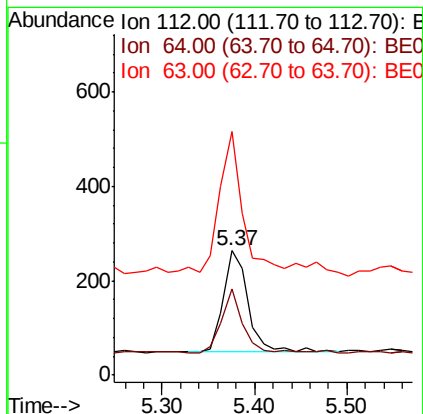
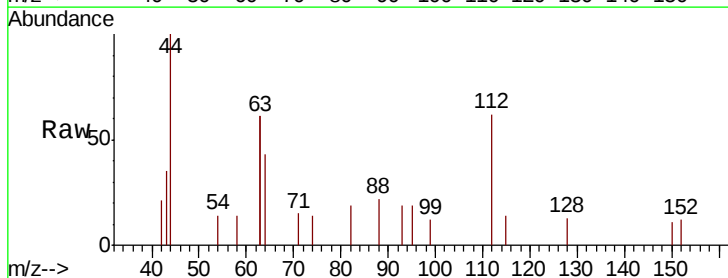
Tot Ion	Ratio	Lower	Upper
42	100		
74	128.2	134.7	202.1#
44	0.0	12.5	18.7#

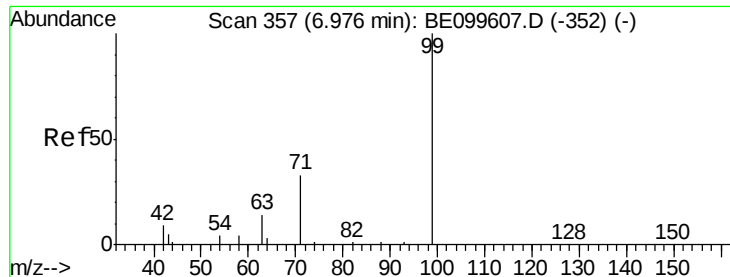


#4

2-Fluorophenol
 Concen: 0.107 ng
 RT: 5.37 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: BE099605.D
 Acq: 14 May 2019 15:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.7	65.5
63	118.2	94.0	141.0





#5

Phenol-d6

Concen: 0.093 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

Instrument :

BNA_E

ClientSampled :

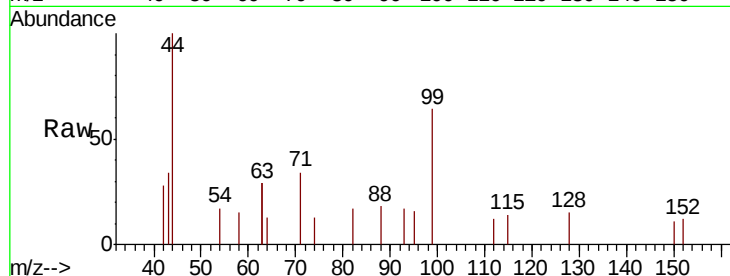
Tot Ion: 99 Resp: 461

Ion Ratio Lower Upper

99 100

42 20.2 14.3 21.5

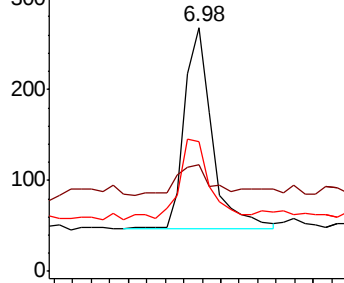
71 45.3 33.1 49.7



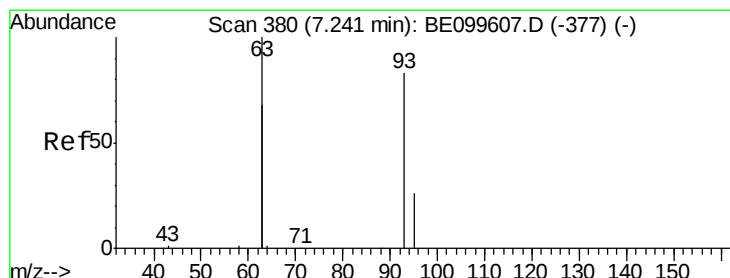
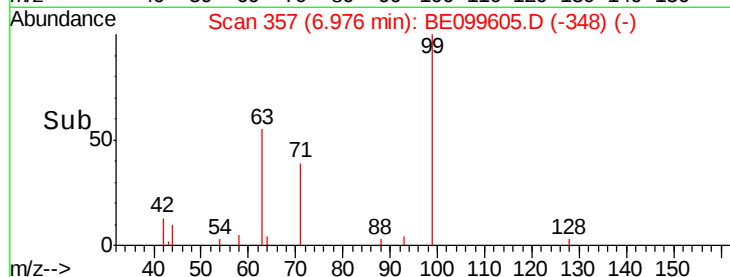
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.095 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

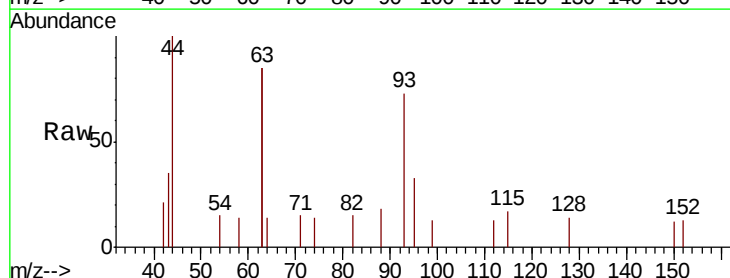
Tgt Ion: 93 Resp: 389

Ion Ratio Lower Upper

93 100

63 260.7 201.0 301.4

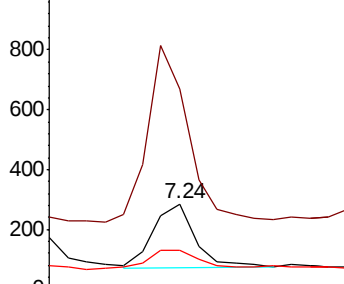
95 35.7 25.0 37.4



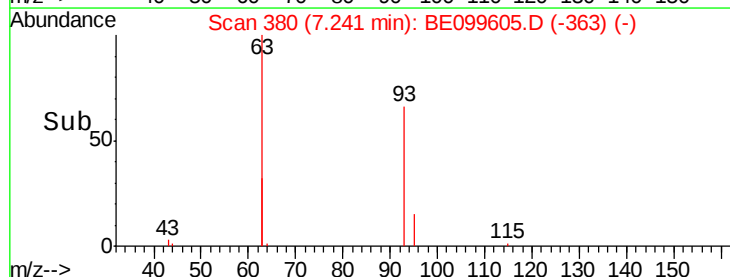
Abundance Ion 93.00 (92.70 to 93.70): BE0

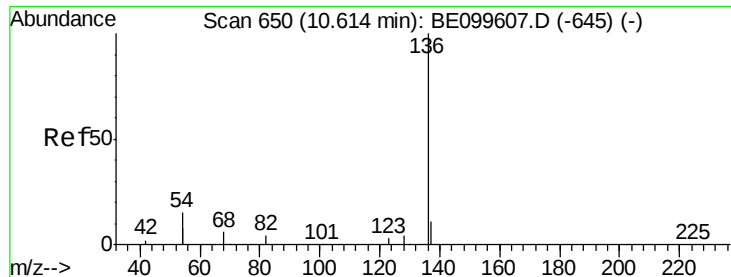
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4810

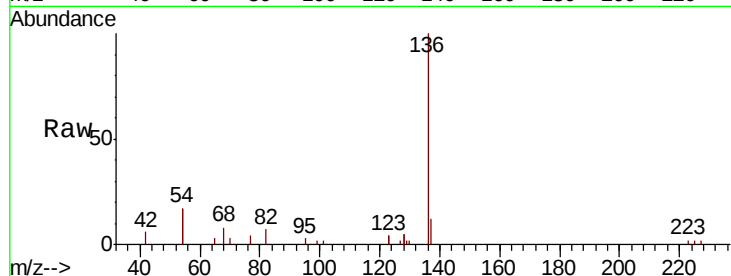
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 34.9 23.8 35.8

68 8.2 6.2 9.2

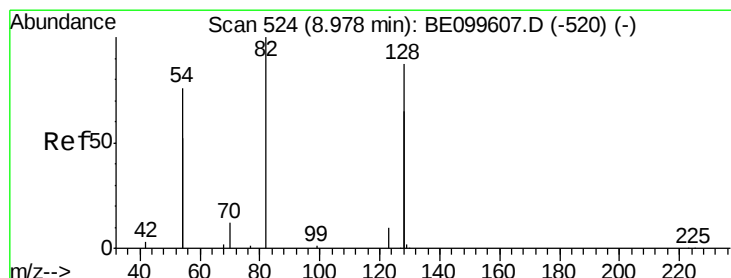
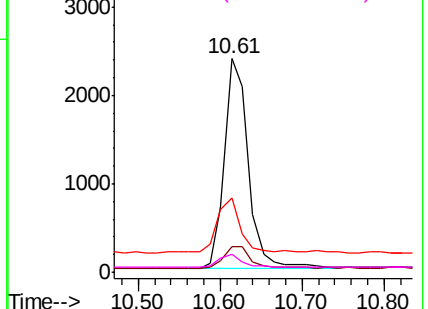
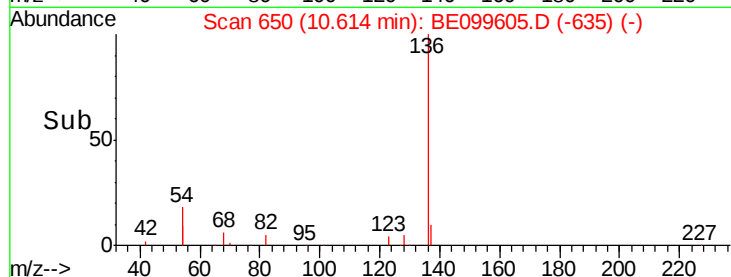


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.088 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

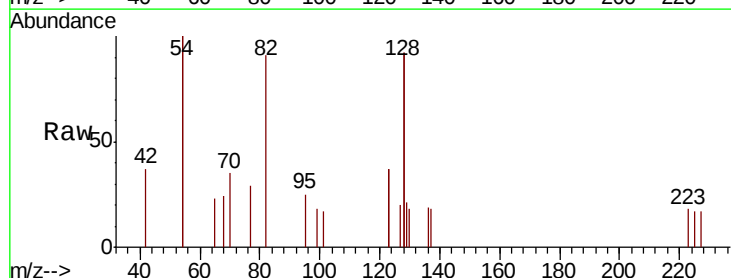
Tgt Ion: 82 Resp: 398

Ion Ratio Lower Upper

82 100

128 202.5 131.4 197.2#

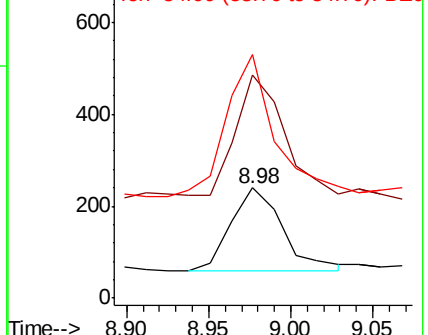
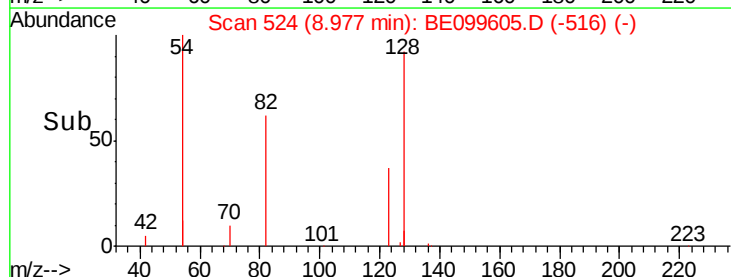
54 220.8 113.9 170.9#

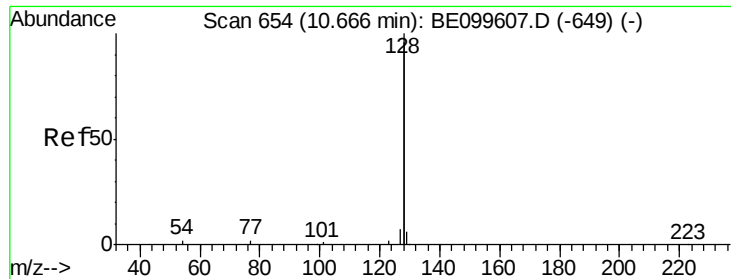


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.096 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

Instrument :

BNA_E

ClientSampleId :

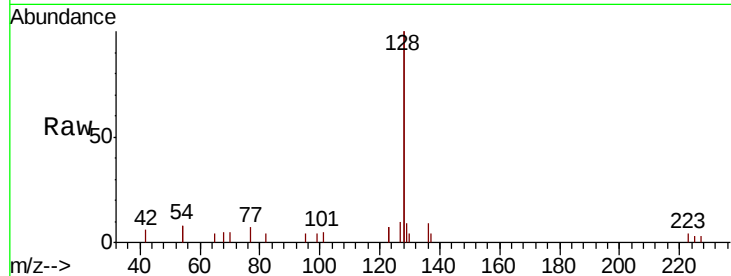
Tot Ion:128 Resp: 4946

Ion Ratio Lower Upper

128 100

129 4.6 2.6 4.0#

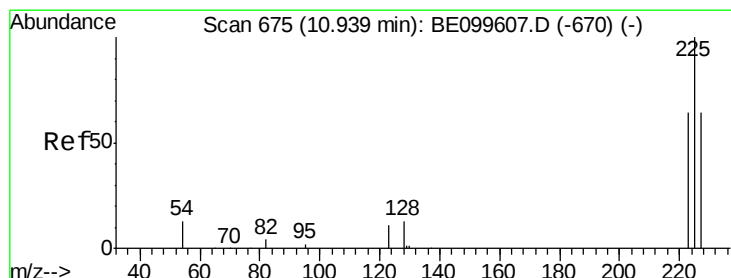
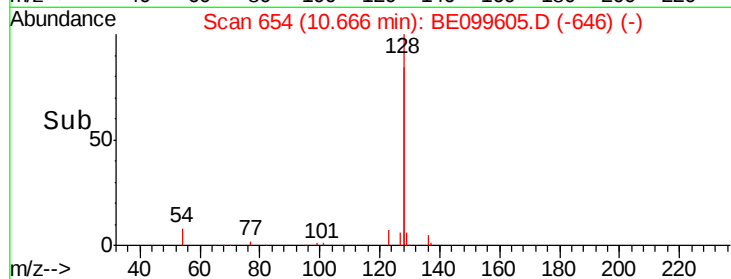
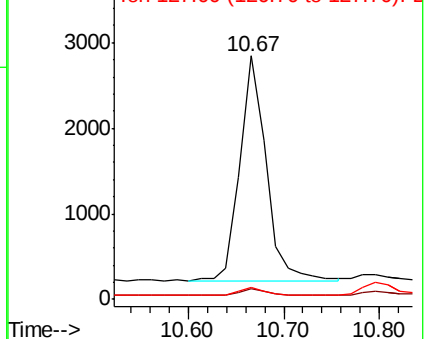
127 5.0 3.0 4.6#



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: 0.101 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

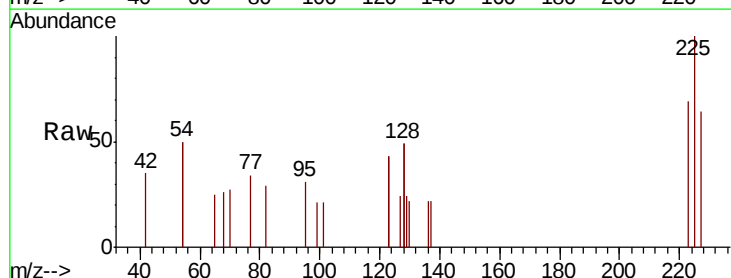
Tgt Ion:225 Resp: 374

Ion Ratio Lower Upper

225 100

223 58.3 49.8 74.8

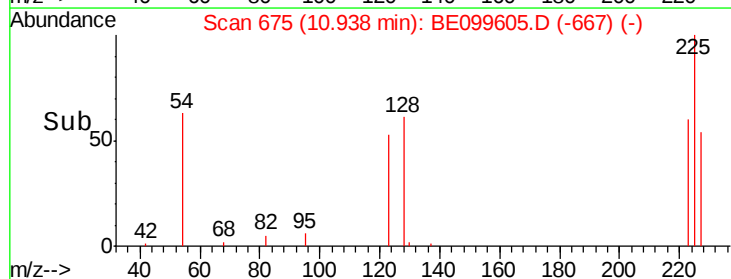
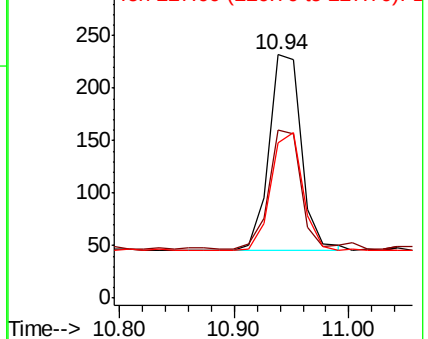
227 59.4 51.2 76.8

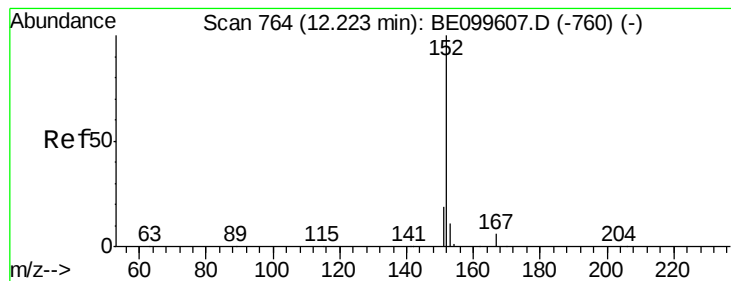


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.094 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

Instrument :

BNA_E

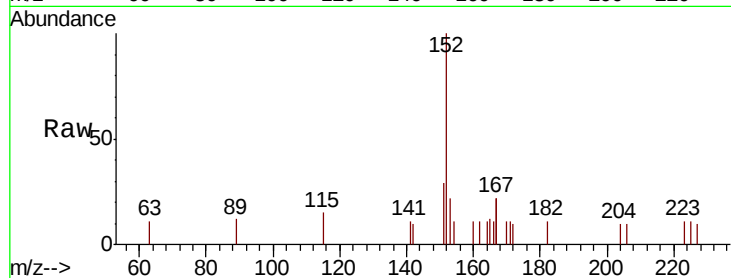
ClientSampled :

Tot Ion:152 Resp: 758

Ion Ratio Lower Upper

152 100

151 19.7 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

400

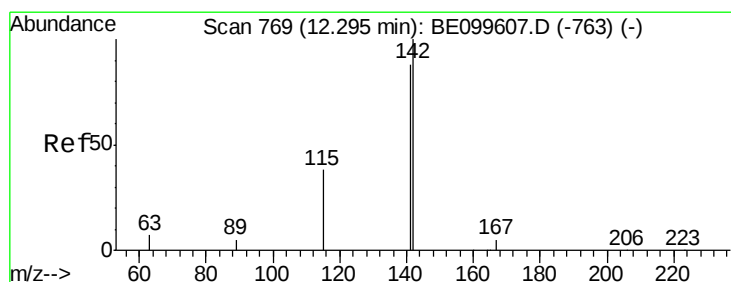
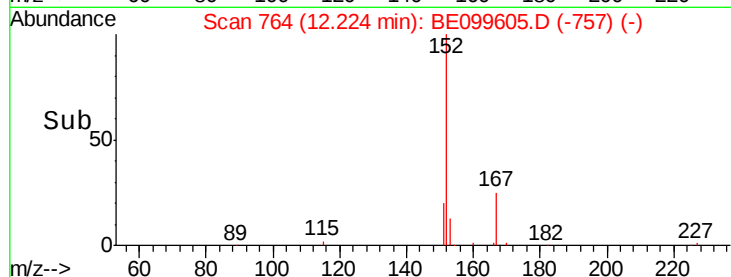
300

200

100

0

Time--> 12.10 12.20 12.30



#12

2-Methylnaphthalene

Concen: 0.093 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

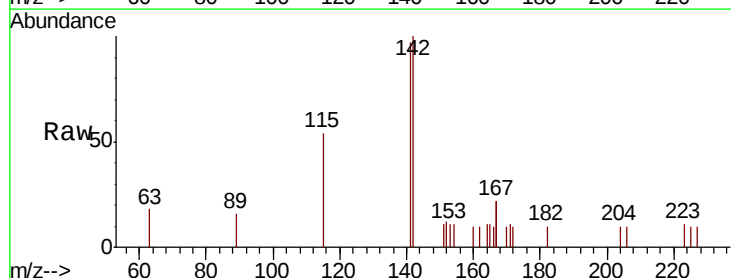
Tgt Ion:142 Resp: 781

Ion Ratio Lower Upper

142 100

141 96.7 70.4 105.6

115 54.3 32.2 48.4#



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

12.30

600

500

400

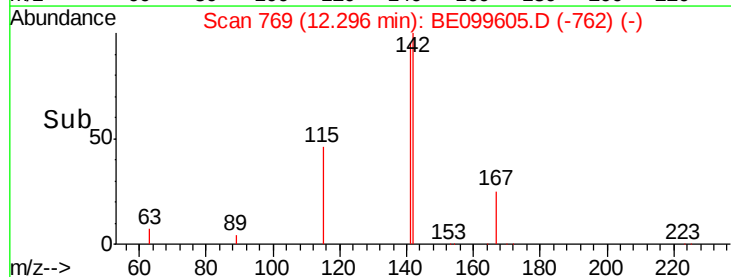
300

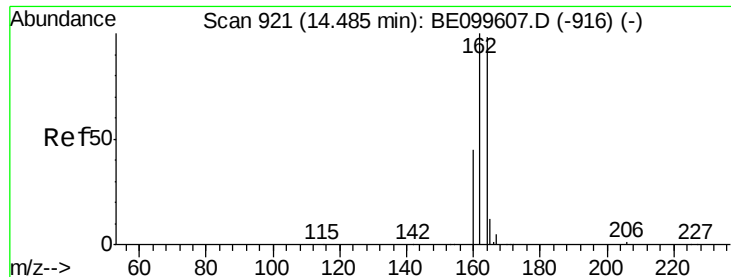
200

100

0

Time--> 12.20 12.30 12.40

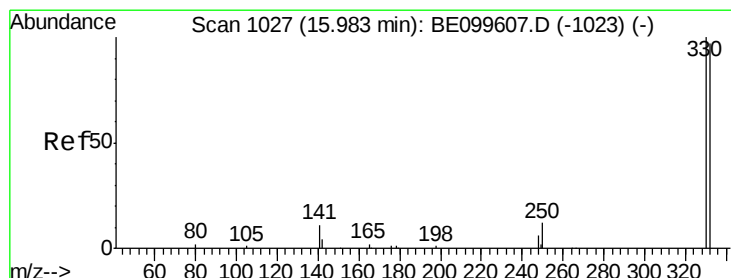
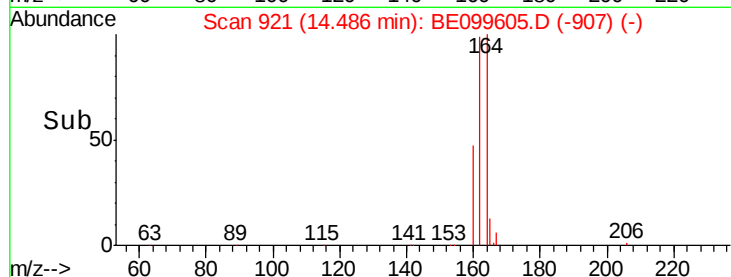
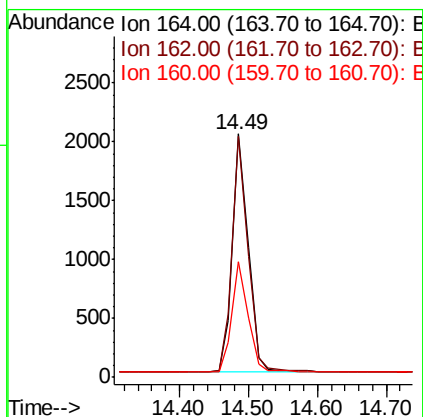
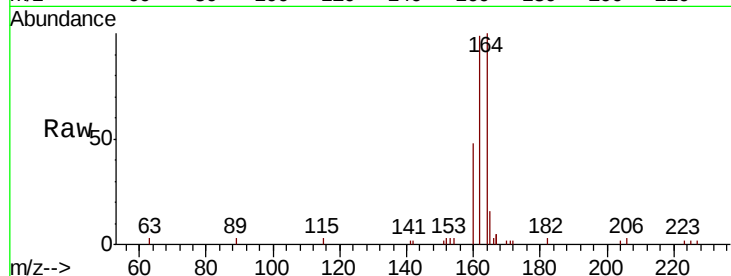




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099605.D
Acq: 14 May 2019 15:17

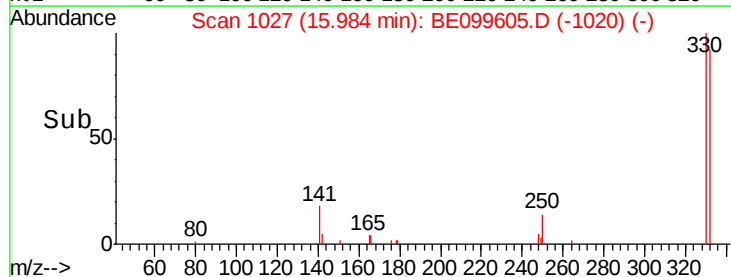
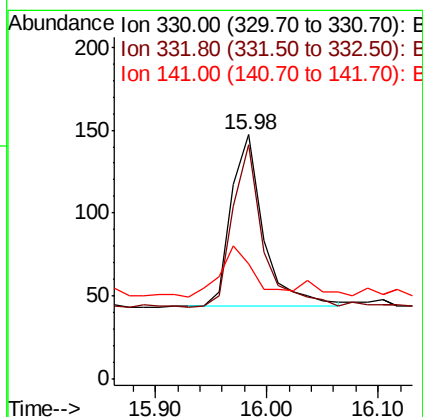
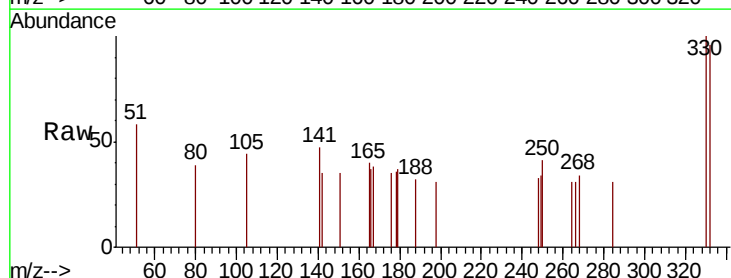
Instrument :
BNA_E
ClientSampled :

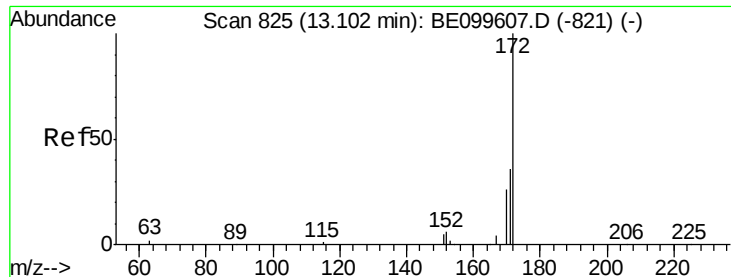
Tot Ion:164 Resp: 3225
Ion Ratio Lower Upper
164 100
162 99.1 81.4 122.0
160 47.6 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.108 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099605.D
Acq: 14 May 2019 15:17

Tgt Ion:330 Resp: 206
Ion Ratio Lower Upper
330 100
332 95.1 73.8 110.8
141 32.5 21.0 31.6#

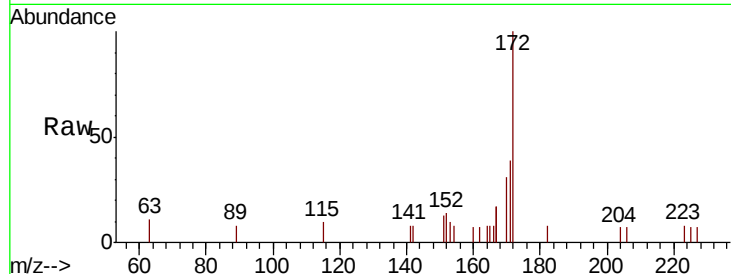




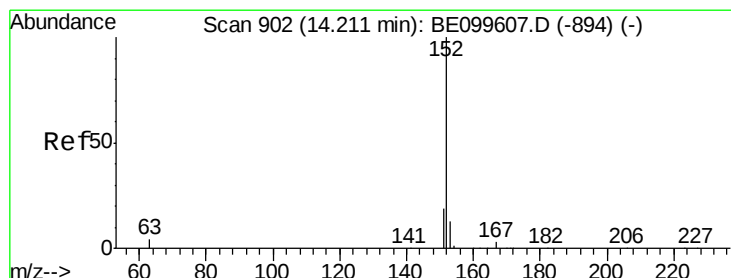
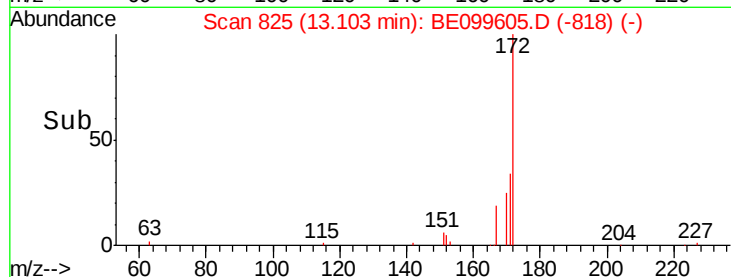
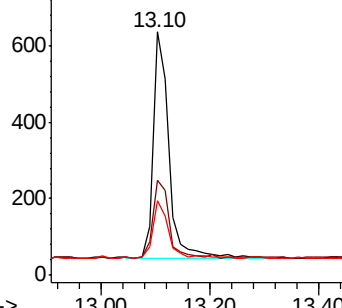
#15
2-Fluorobiphenyl
Concen: 0.094 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099605.D
Acq: 14 May 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 1179
Ion Ratio Lower Upper
172 100
171 38.8 29.4 44.2
170 30.8 21.5 32.3

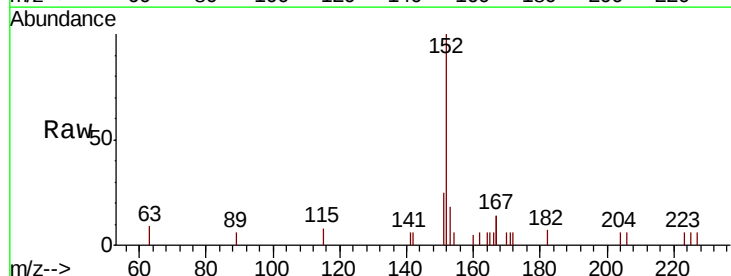


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

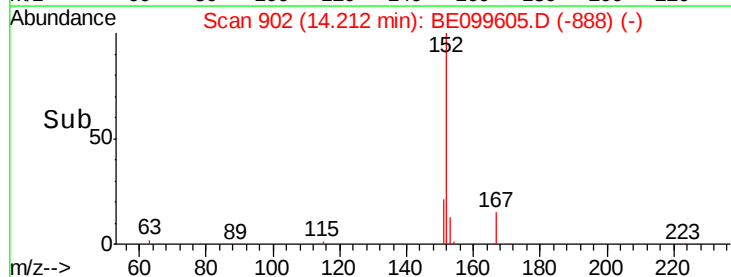
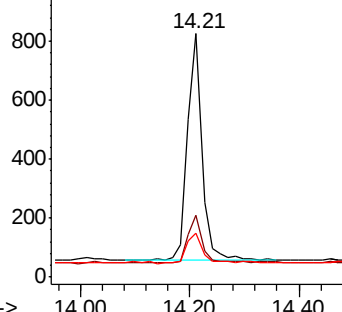


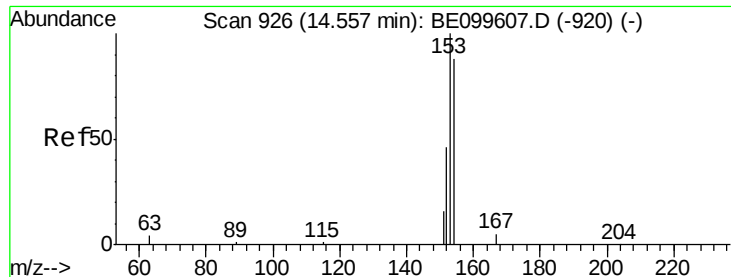
#16
Acenaphthylene
Concen: 0.090 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099605.D
Acq: 14 May 2019 15:17

Tgt Ion:152 Resp: 1398
Ion Ratio Lower Upper
152 100
151 21.6 15.6 23.4
153 15.3 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: 0.093 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

Instrument :

BNA_E

ClientSampleId :

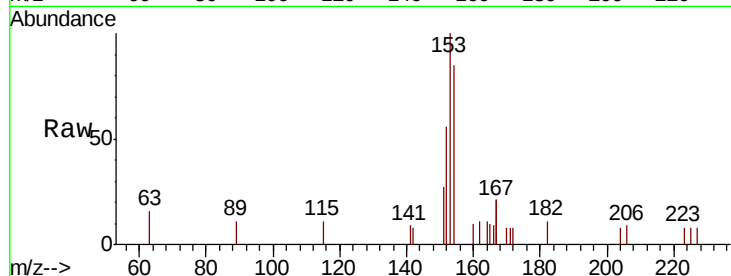
Tot Ion:154 Resp: 807

Ion Ratio Lower Upper

154 100

153 119.2 94.1 141.1

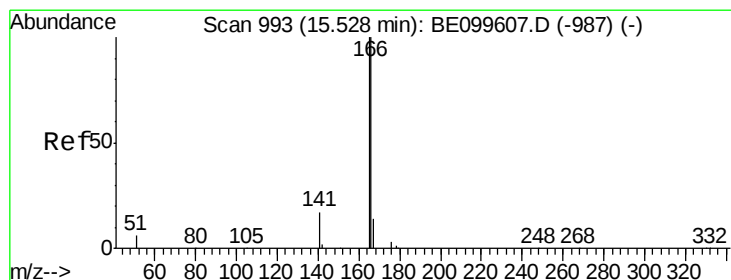
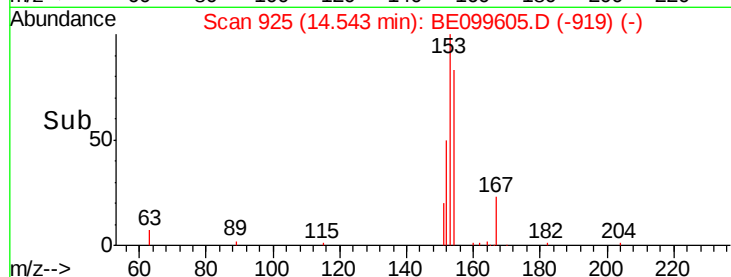
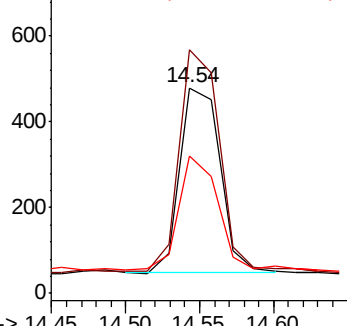
152 59.1 46.5 69.7



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: 0.096 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

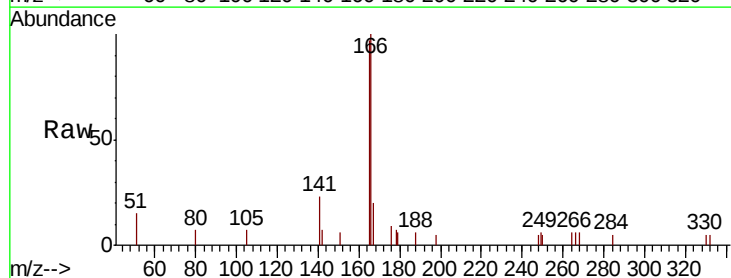
Tgt Ion:166 Resp: 1200

Ion Ratio Lower Upper

166 100

165 97.8 79.8 119.8

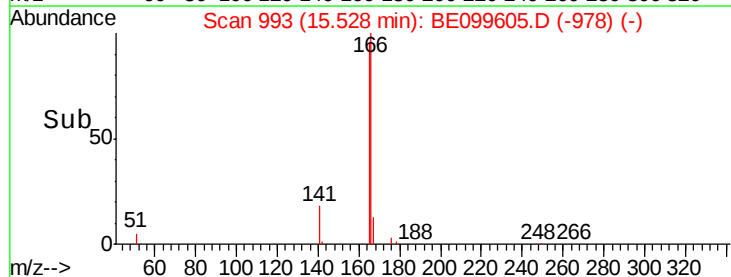
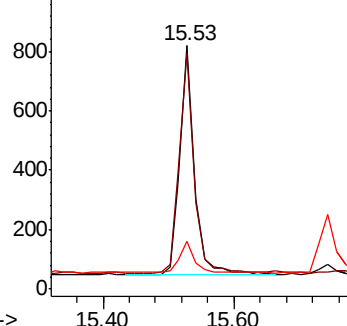
167 13.4 11.2 16.8

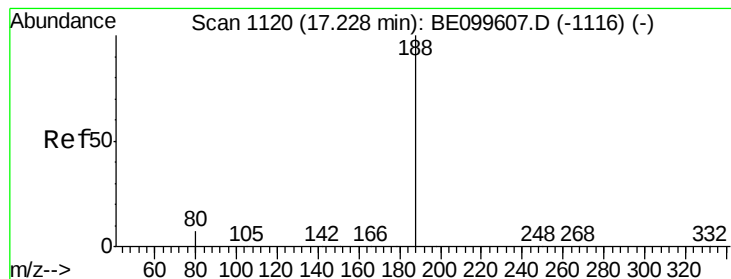


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

Instrument :

BNA_E

ClientSampleId :

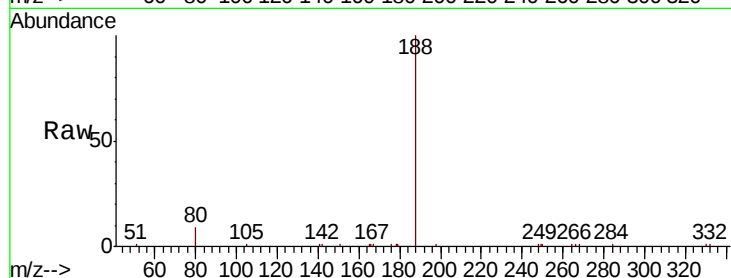
Tot Ion:188 Resp: 9508

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

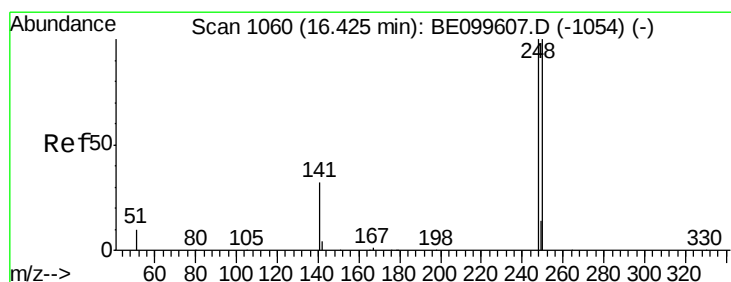
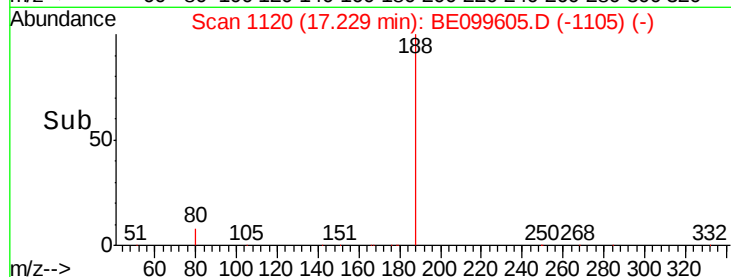
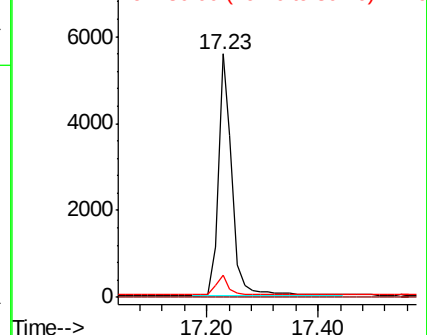
80 8.9 6.4 9.6



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: 0.093 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

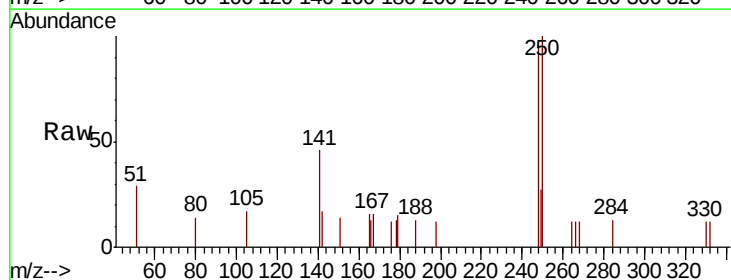
Tgt Ion:248 Resp: 507

Ion Ratio Lower Upper

248 100

250 104.4 80.4 120.6

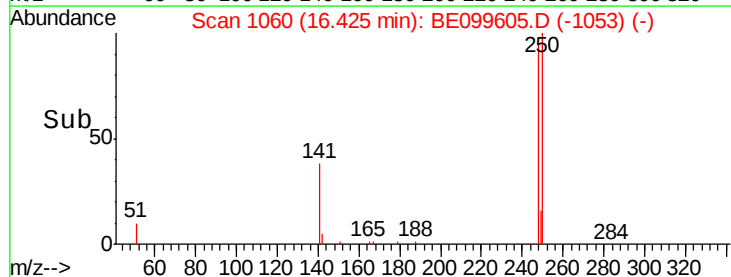
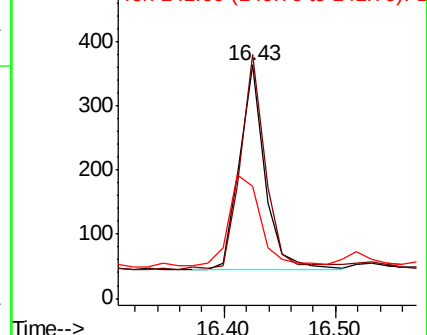
141 48.1 27.8 41.8#

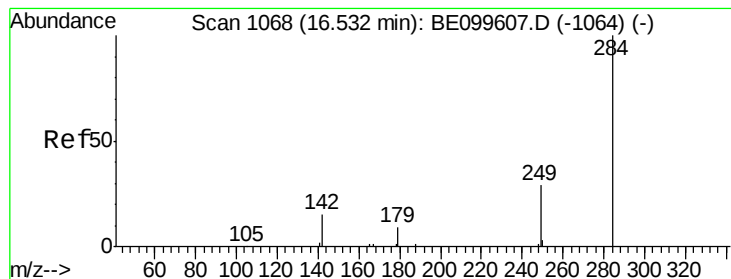


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.094 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

Instrument :

BNA_E

ClientSampled :

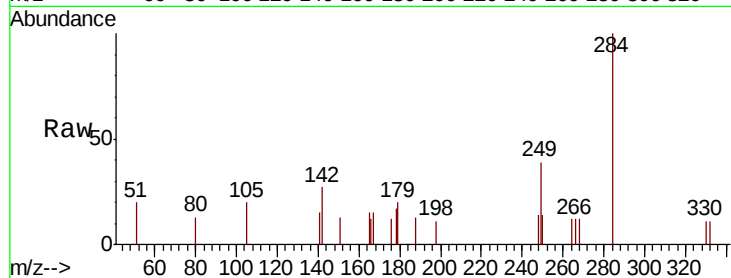
Tot Ion:284 Resp: 512

Ion Ratio Lower Upper

284 100

142 27.1 19.4 29.2

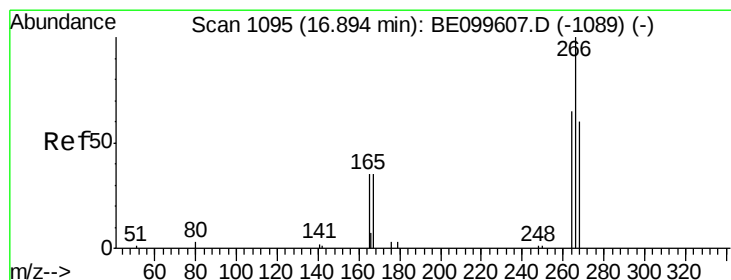
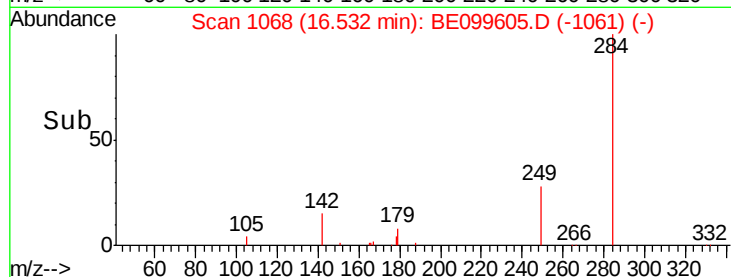
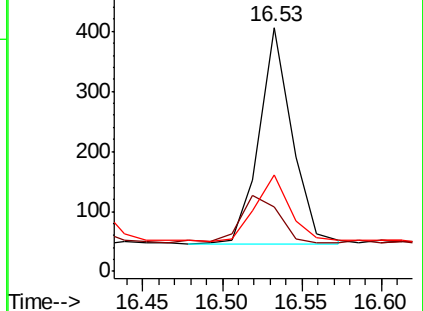
249 32.8 24.6 37.0



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: 0.090 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

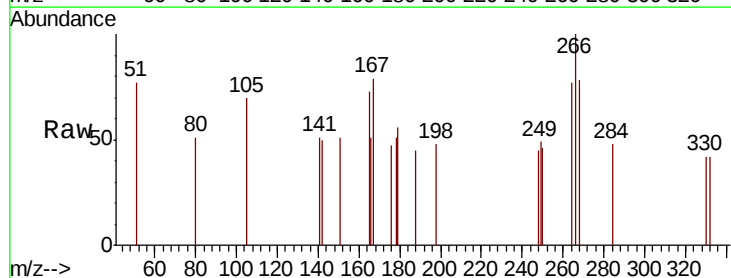
Tgt Ion:266 Resp: 196

Ion Ratio Lower Upper

266 100

264 76.7 57.7 86.5

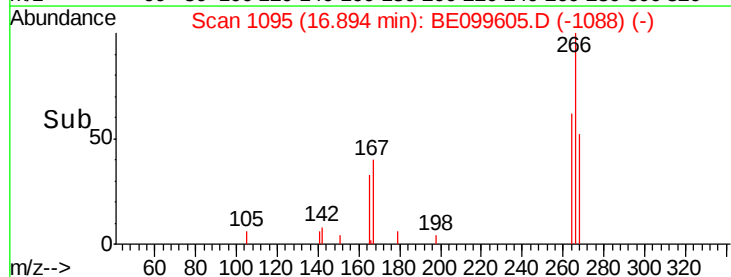
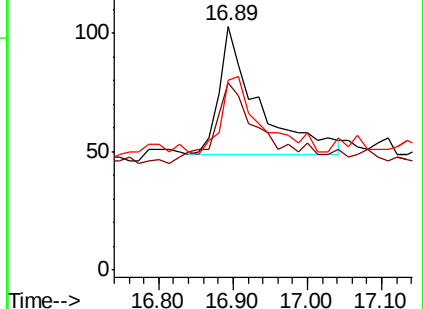
268 77.7 55.8 83.8

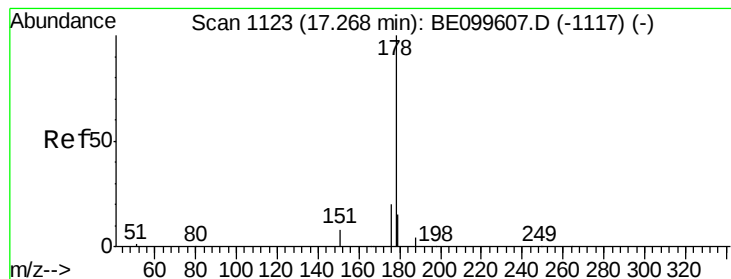


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.094 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

Instrument :

BNA_E

ClientSampleId :

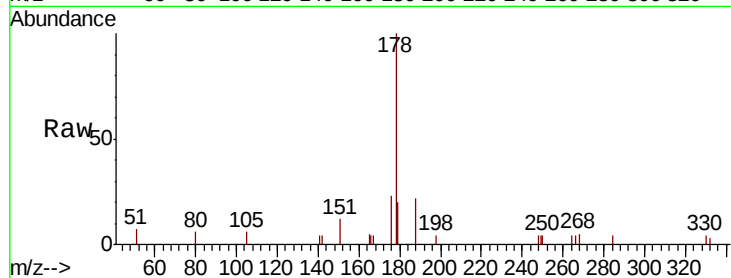
Tot Ion:178 Resp: 2216

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

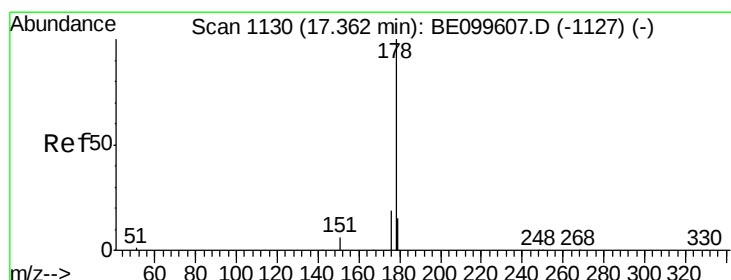
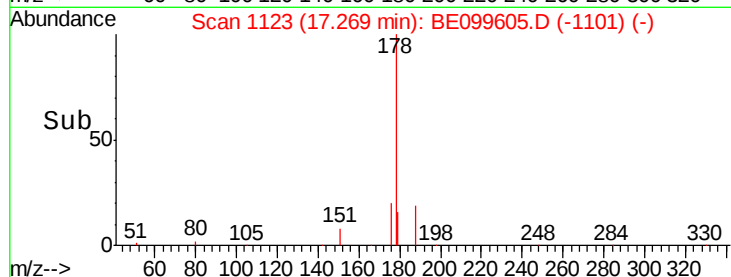
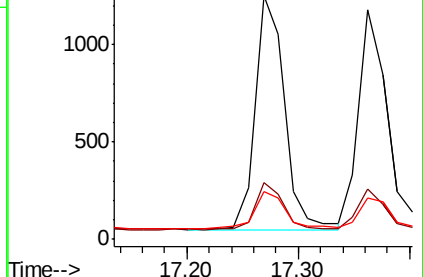
179 16.8 12.2 18.2



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: 0.086 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

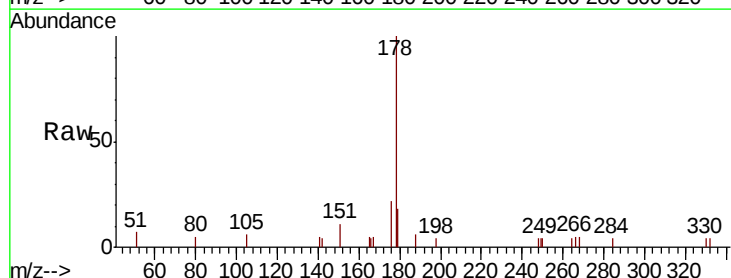
Tgt Ion:178 Resp: 1916

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

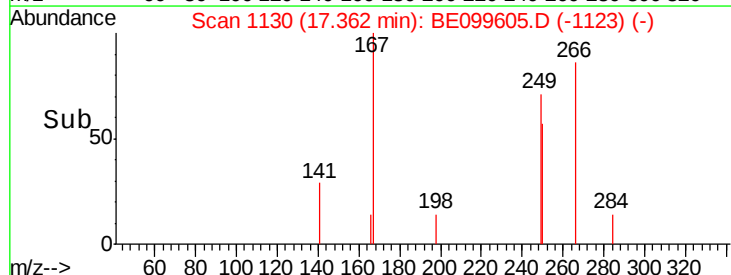
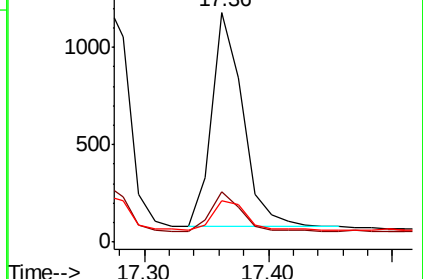
179 15.9 12.1 18.1

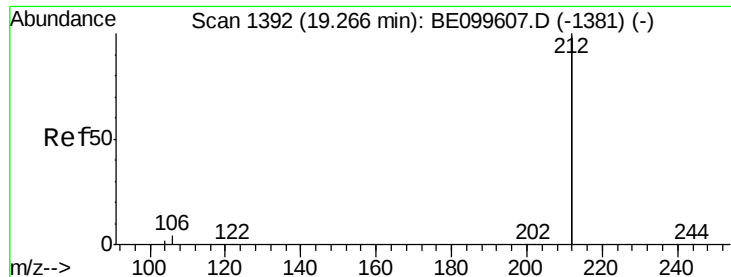


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.097 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

Instrument :

BNA_E

ClientSampleId :

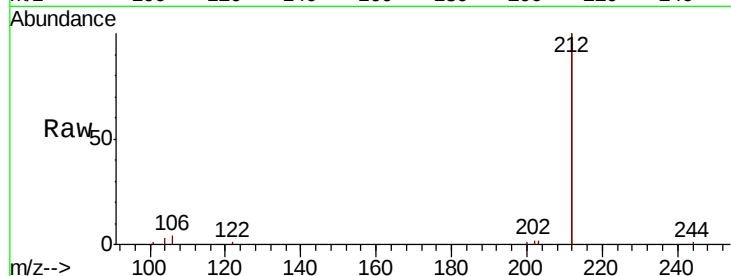
Tot Ion:212 Resp: 12176

Ion Ratio Lower Upper

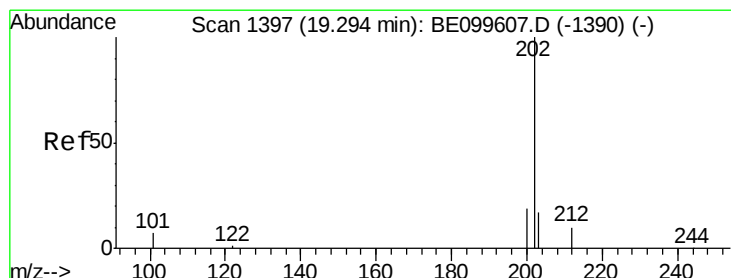
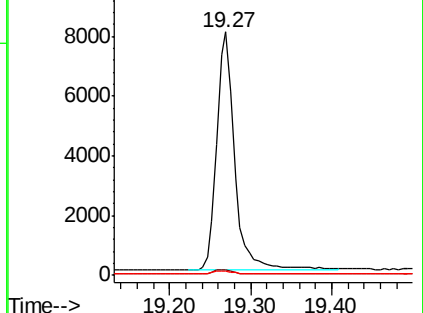
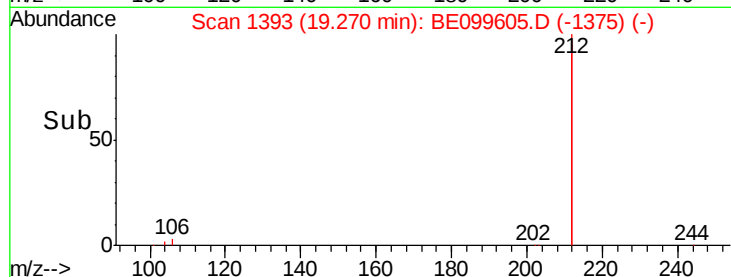
212 100

106 1.9 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: 0.095 ng

RT: 19.30 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

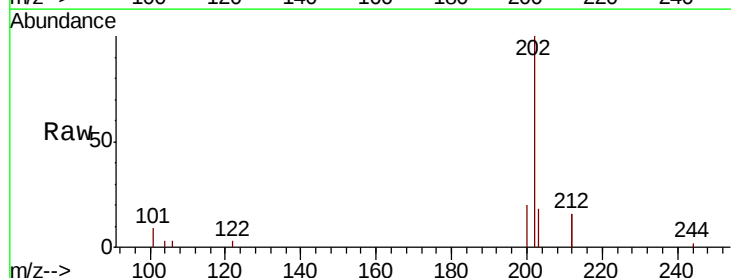
Tgt Ion:202 Resp: 3367

Ion Ratio Lower Upper

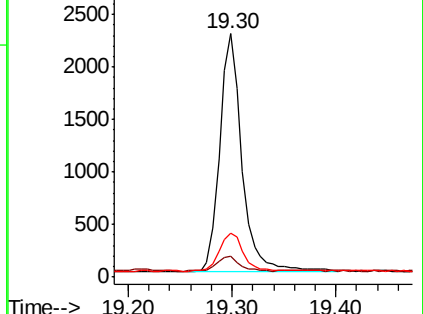
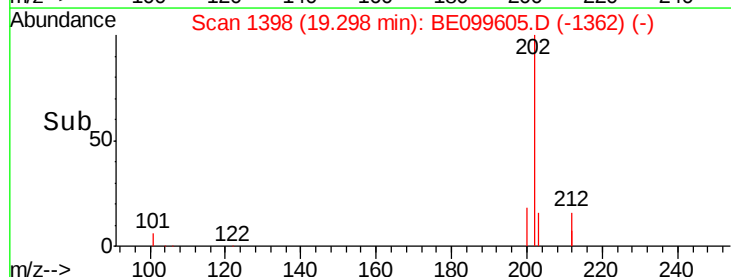
202 100

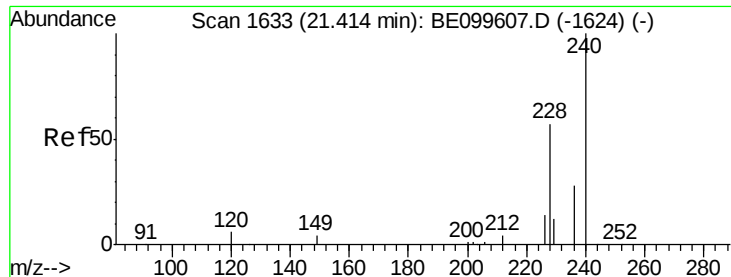
101 6.7 5.0 7.6

203 17.1 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: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

Instrument :

BNA_E

ClientSampled :

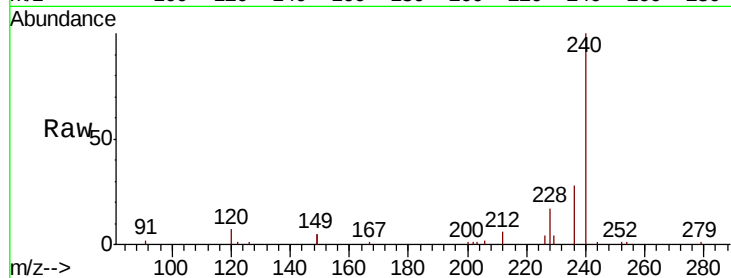
Tot Ion:240 Resp: 14396

Ion Ratio Lower Upper

240 100

120 7.1 5.7 8.5

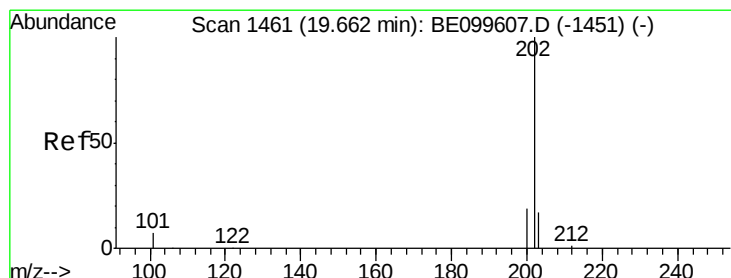
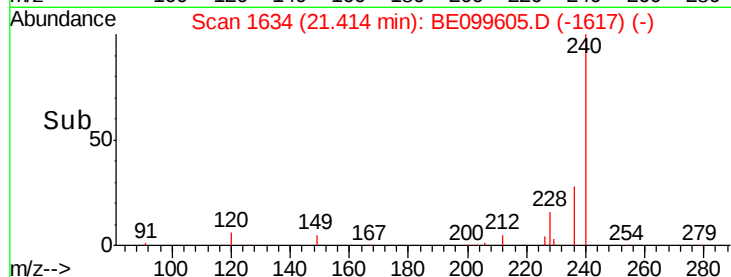
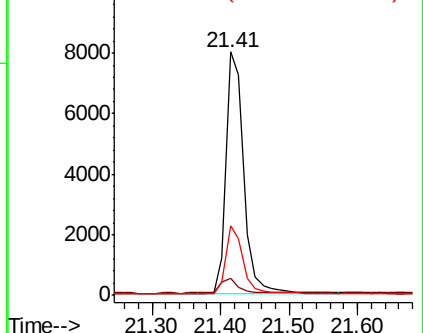
236 28.4 22.8 34.2



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: 0.094 ng

RT: 19.66 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

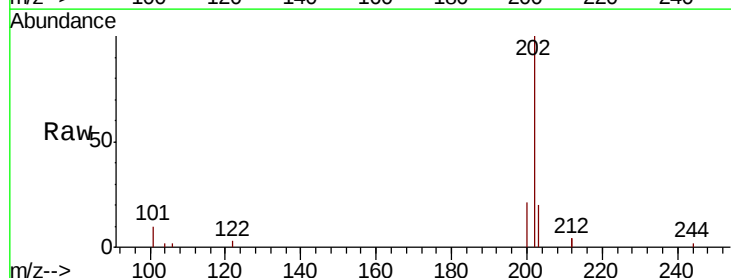
Tgt Ion:202 Resp: 3579

Ion Ratio Lower Upper

202 100

200 19.4 15.8 23.6

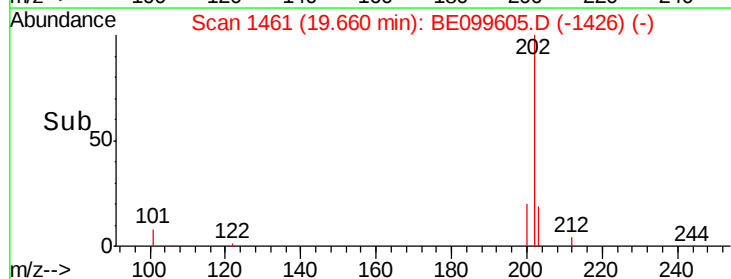
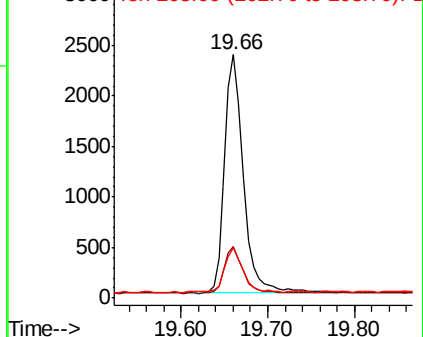
203 17.4 14.1 21.1

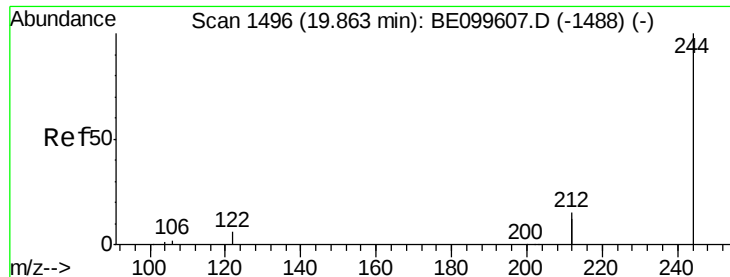


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.099 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

Instrument :

BNA_E

ClientSampleId :

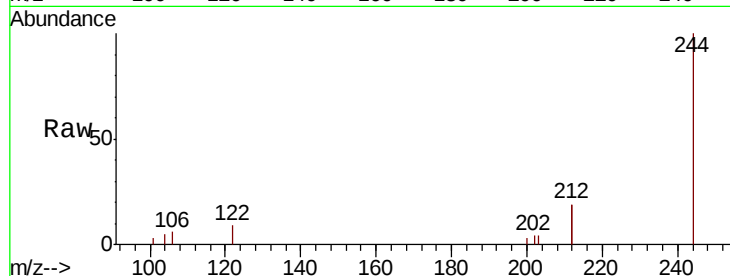
Tot Ion:244 Resp: 2541

Ion Ratio Lower Upper

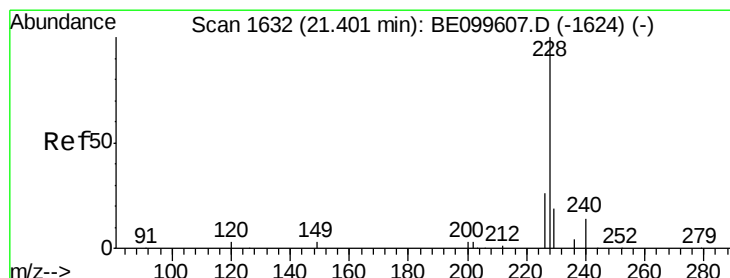
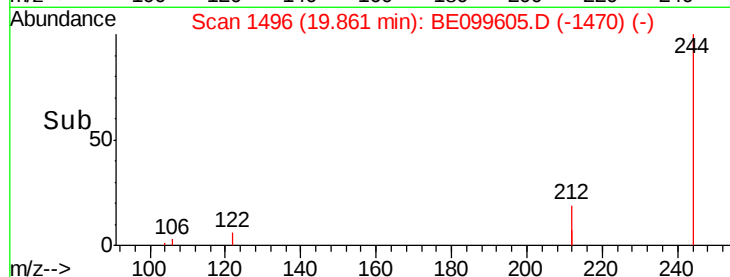
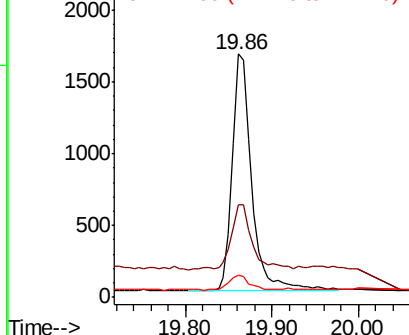
244 100

212 37.8 23.8 35.6#

122 9.1 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: 0.092 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

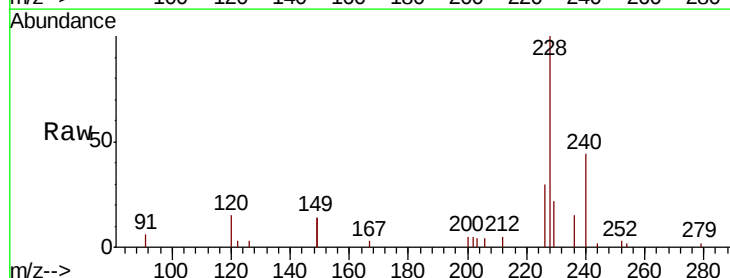
Tgt Ion:228 Resp: 4066

Ion Ratio Lower Upper

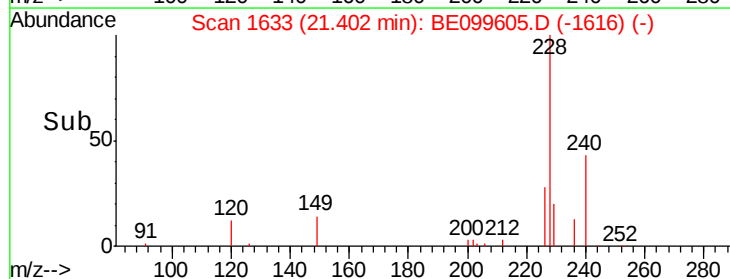
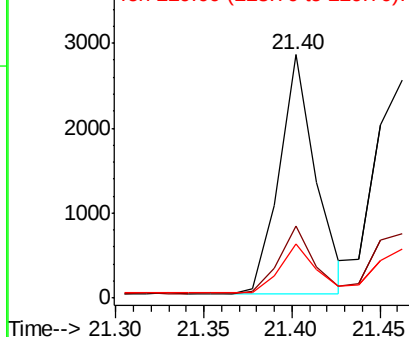
228 100

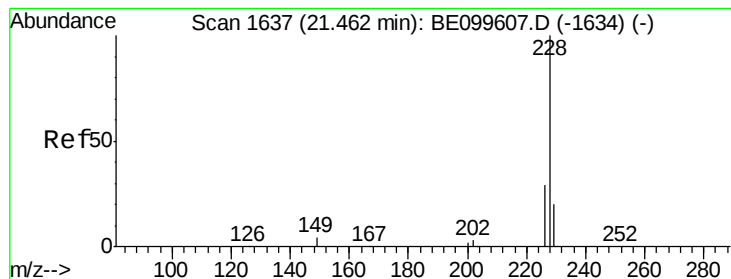
226 29.6 21.4 32.2

229 22.1 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: 0.098 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

Instrument :

BNA_E

ClientSampleId :

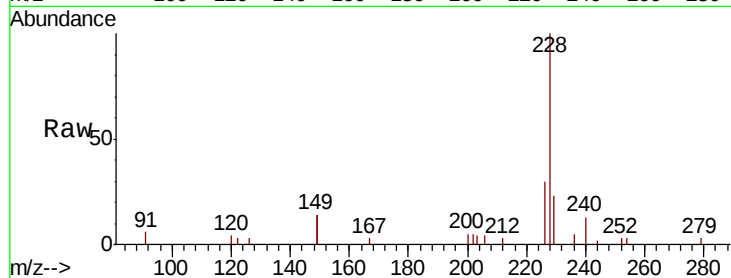
Tot Ion:228 Resp: 4285

Ion Ratio Lower Upper

228 100

226 29.5 23.0 34.4

229 22.6 16.4 24.6

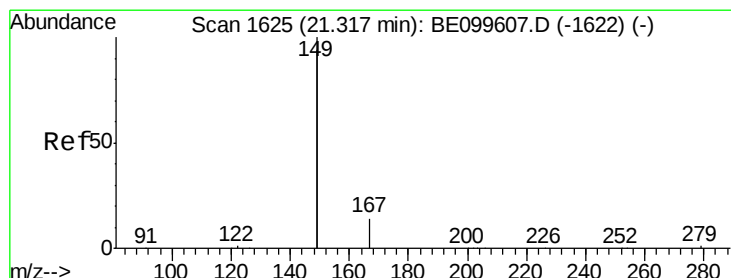
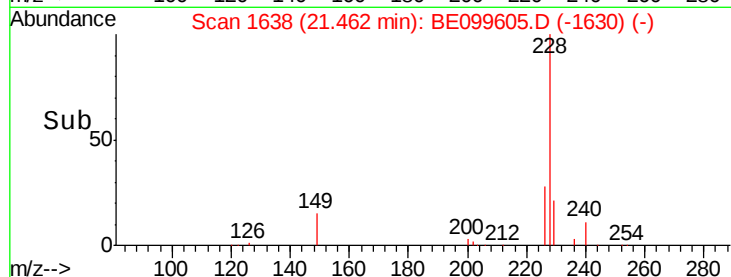
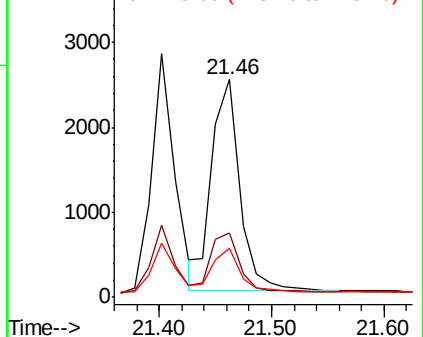


Abundance

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: 0.135 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

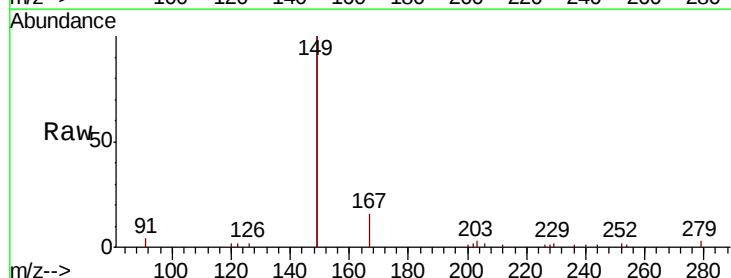
Tgt Ion:149 Resp: 8507

Ion Ratio Lower Upper

149 100

167 7.7 6.0 9.0

279 1.4 1.1 1.7

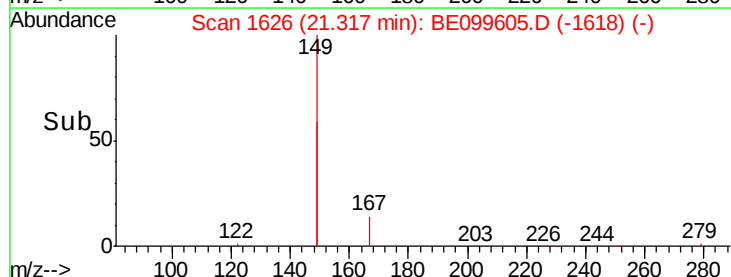
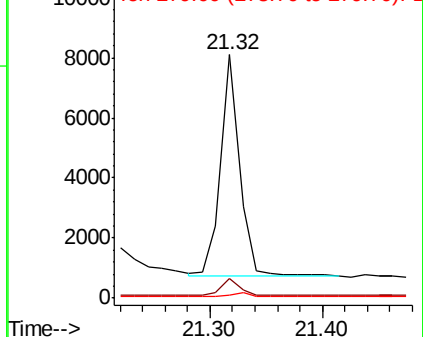


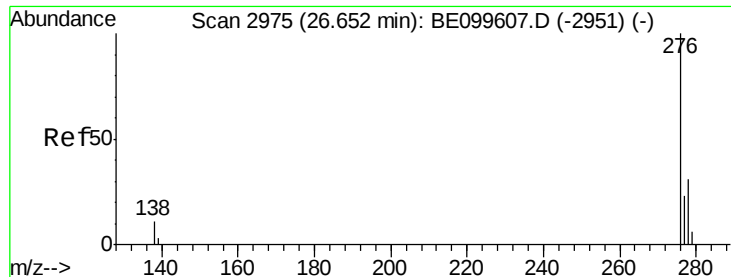
Abundance

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

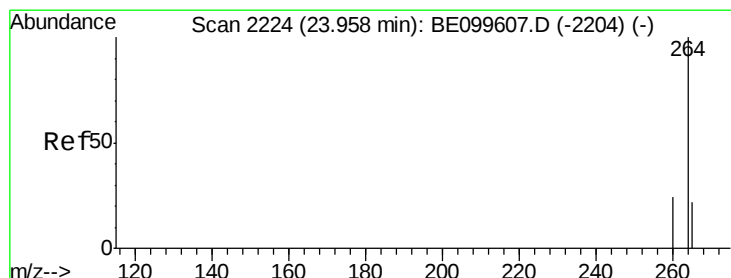
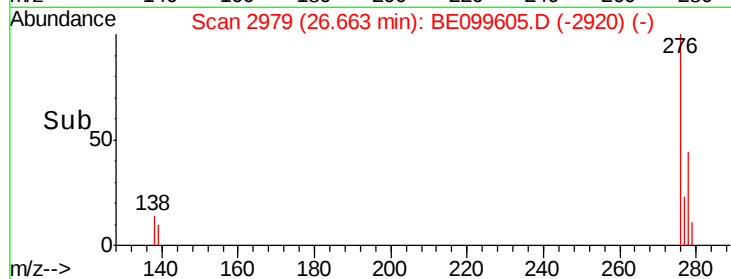
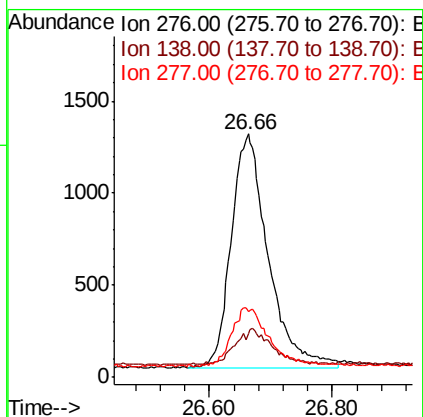
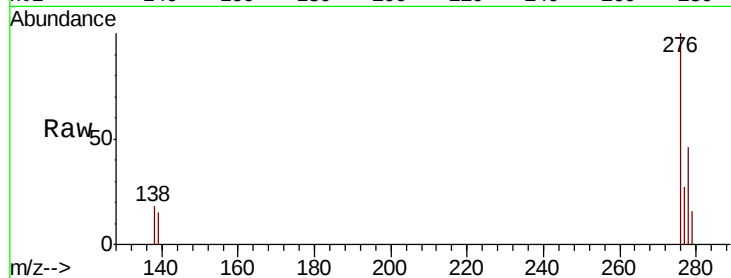




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.096 ng
RT: 26.66 min Scan# 2979
Delta R.T. 0.01 min
Lab File: BE099605.D
Acq: 14 May 2019 15:17

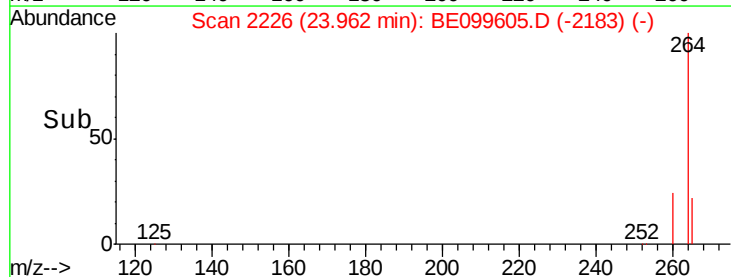
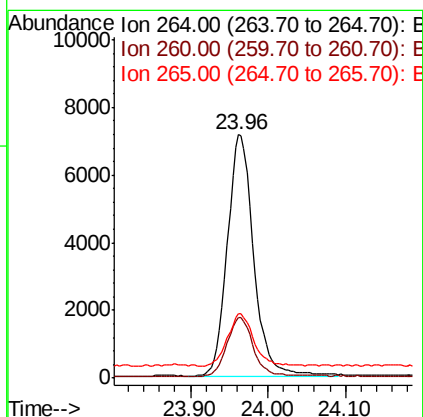
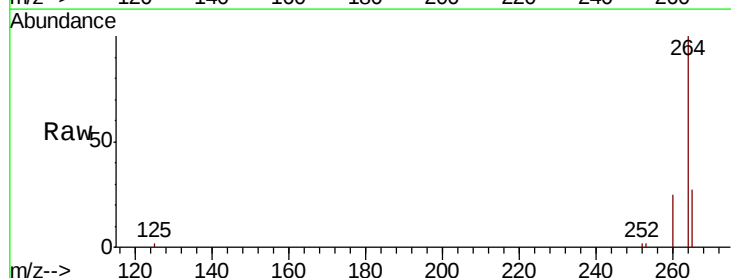
Instrument :
BNA_E
ClientSampleId :

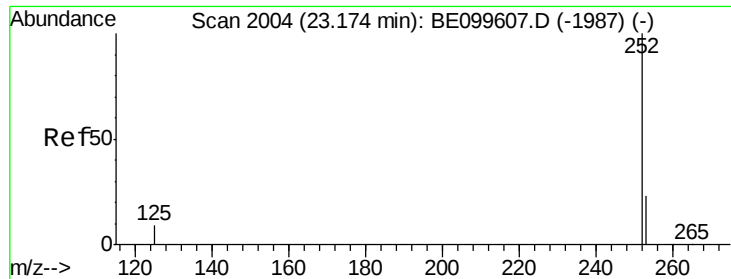
Tot Ion:276 Resp: 5261
Ion Ratio Lower Upper
276 100
138 14.6 10.0 15.0
277 25.5 19.1 28.7



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BE099605.D
Acq: 14 May 2019 15:17

Tgt Ion:264 Resp: 16784
Ion Ratio Lower Upper
264 100
260 25.0 19.7 29.5
265 26.7 21.2 31.8

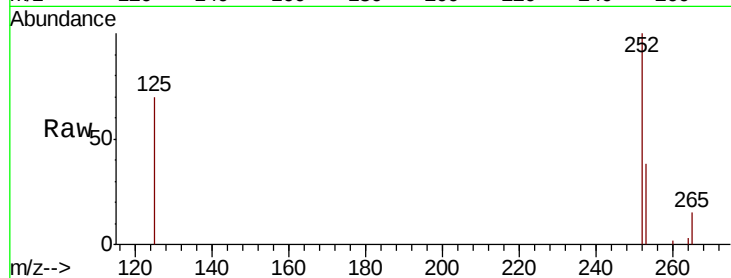




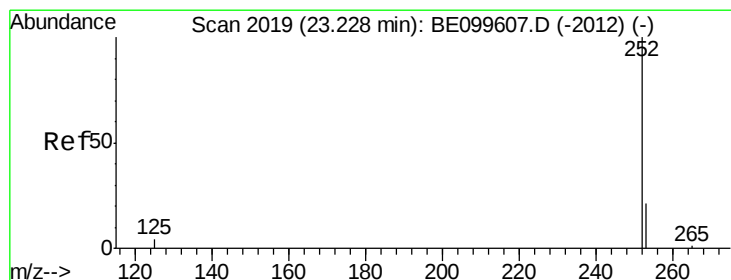
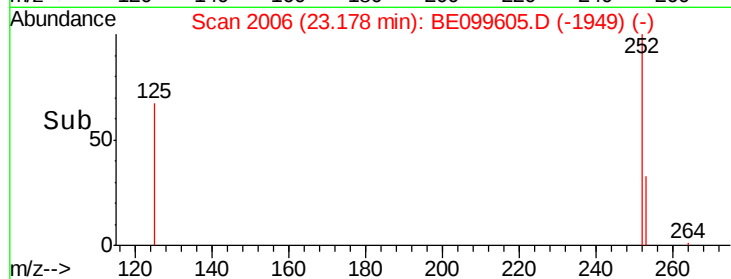
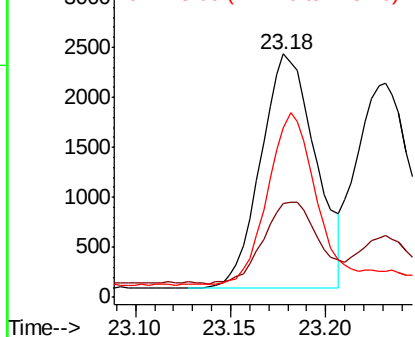
#35
Benzo(b)fluoranthene
Concen: 0.101 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BE099605.D
Acq: 14 May 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 4682
Ion Ratio Lower Upper
252 100
253 38.3 19.1 28.7#
125 69.7 7.8 11.8#

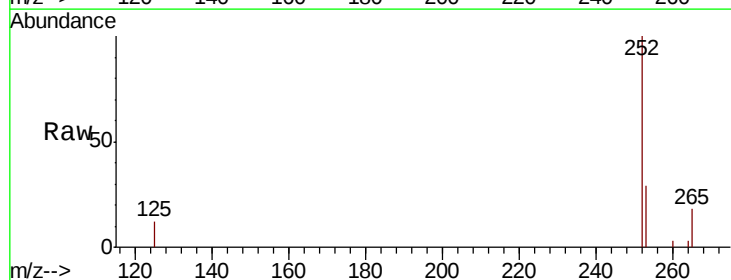


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

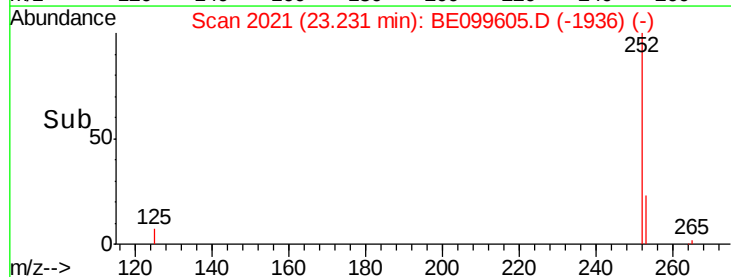
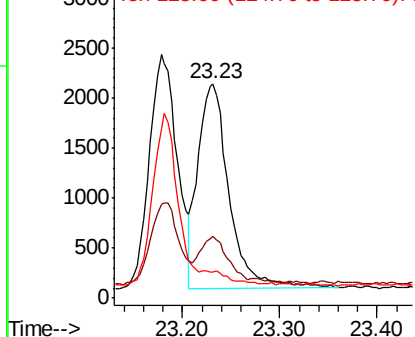


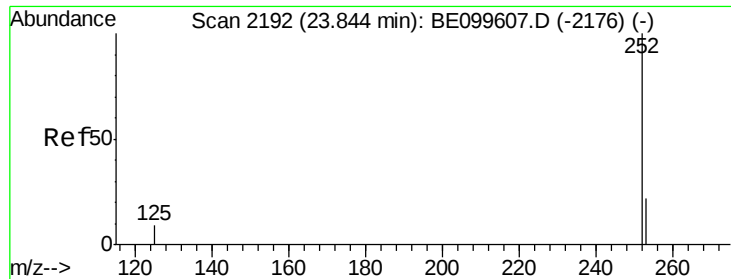
#36
Benzo(k)fluoranthene
Concen: 0.097 ng
RT: 23.23 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BE099605.D
Acq: 14 May 2019 15:17

Tgt Ion:252 Resp: 4475
Ion Ratio Lower Upper
252 100
253 29.1 18.6 28.0#
125 12.3 5.2 7.8#



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: 0.103 ng

RT: 23.85 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

Instrument :

BNA_E

ClientSampleId :

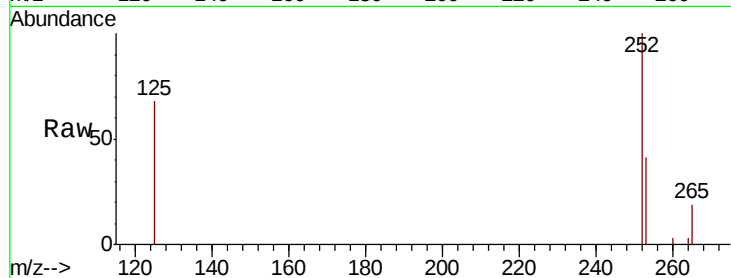
Tot Ion:252 Resp: 4610

Ion Ratio Lower Upper

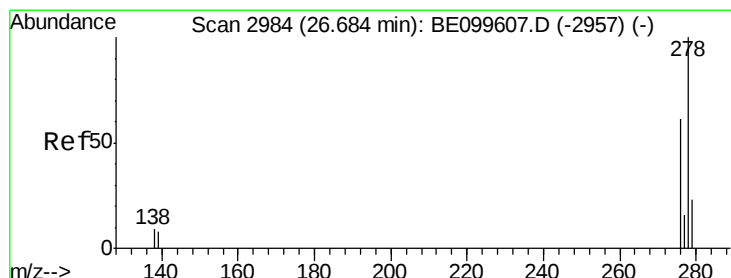
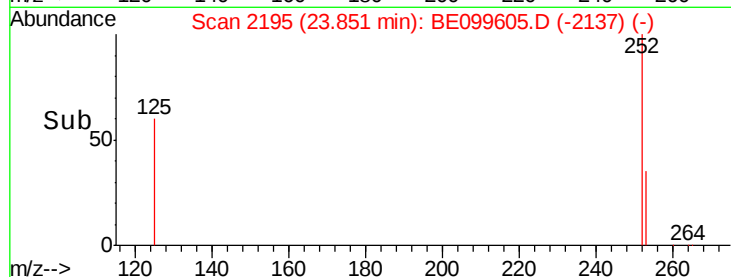
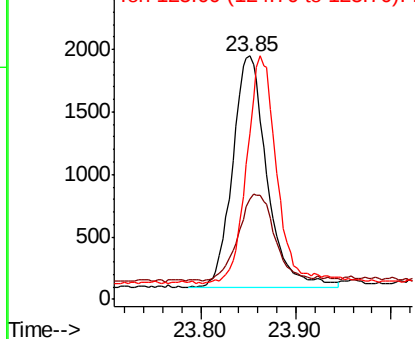
252 100

253 41.2 19.0 28.6#

125 67.8 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: 0.092 ng

RT: 26.68 min Scan# 2985

Delta R.T. 0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

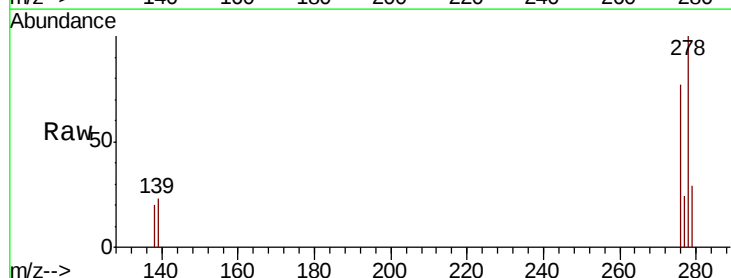
Tgt Ion:278 Resp: 4301

Ion Ratio Lower Upper

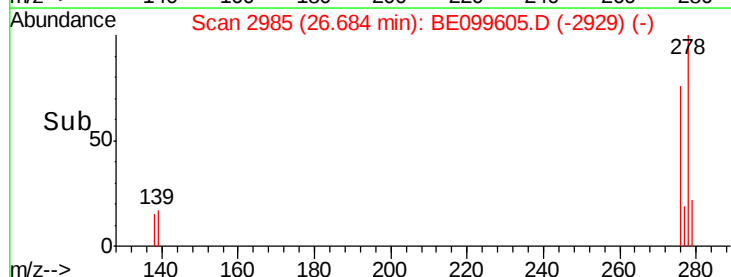
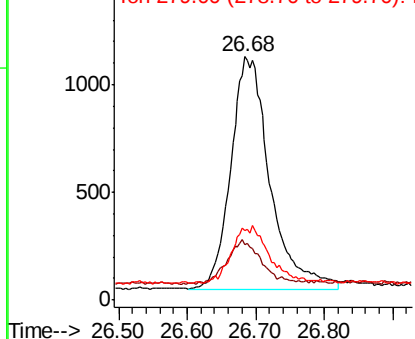
278 100

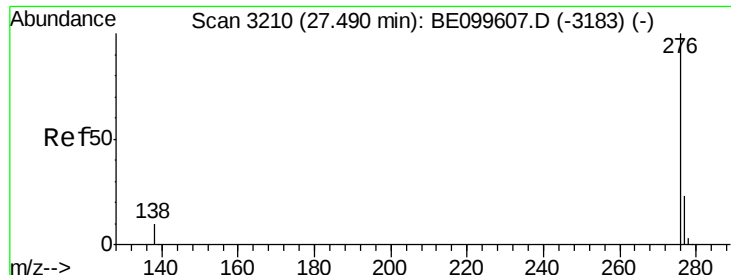
139 22.9 7.9 11.9#

279 28.6 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(a,h,i)perylene

Concen: 0.093 ng

RT: 27.49 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE099605.D

Acq: 14 May 2019 15:17

Instrument :

BNA_E

ClientSampleId :

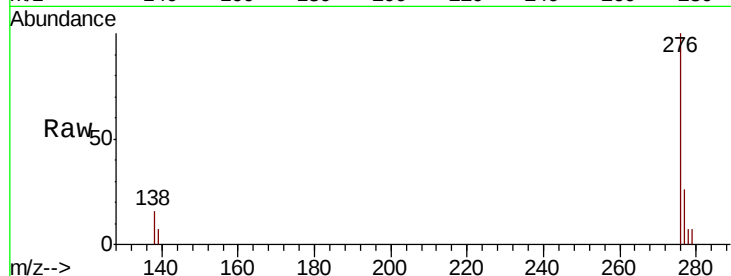
Tot Ion: 276 Resp: 4408

Ion Ratio Lower Upper

276 100

277 26.3 19.3 28.9

138 15.9 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

