

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051419\
 Data File : BE099606.D
 Acq On : 14 May 2019 15:53
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 14 19:11:27 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	1524	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5170	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3511	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9974	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15100	0.40	ng	0.00
34) Perylene-d12	23.96	264	16791	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	864	0.21	ng	0.01
5) Phenol-d6	6.98	99	1091	0.20	ng	0.00
8) Nitrobenzene-d5	8.98	82	981	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	1725	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	465	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	2722	0.20	ng	0.00
25) Fluoranthene-d10	19.27	212	26572	0.20	ng	0.00
29) Terphenyl-d14	19.86	244	5405	0.20	ng	0.00

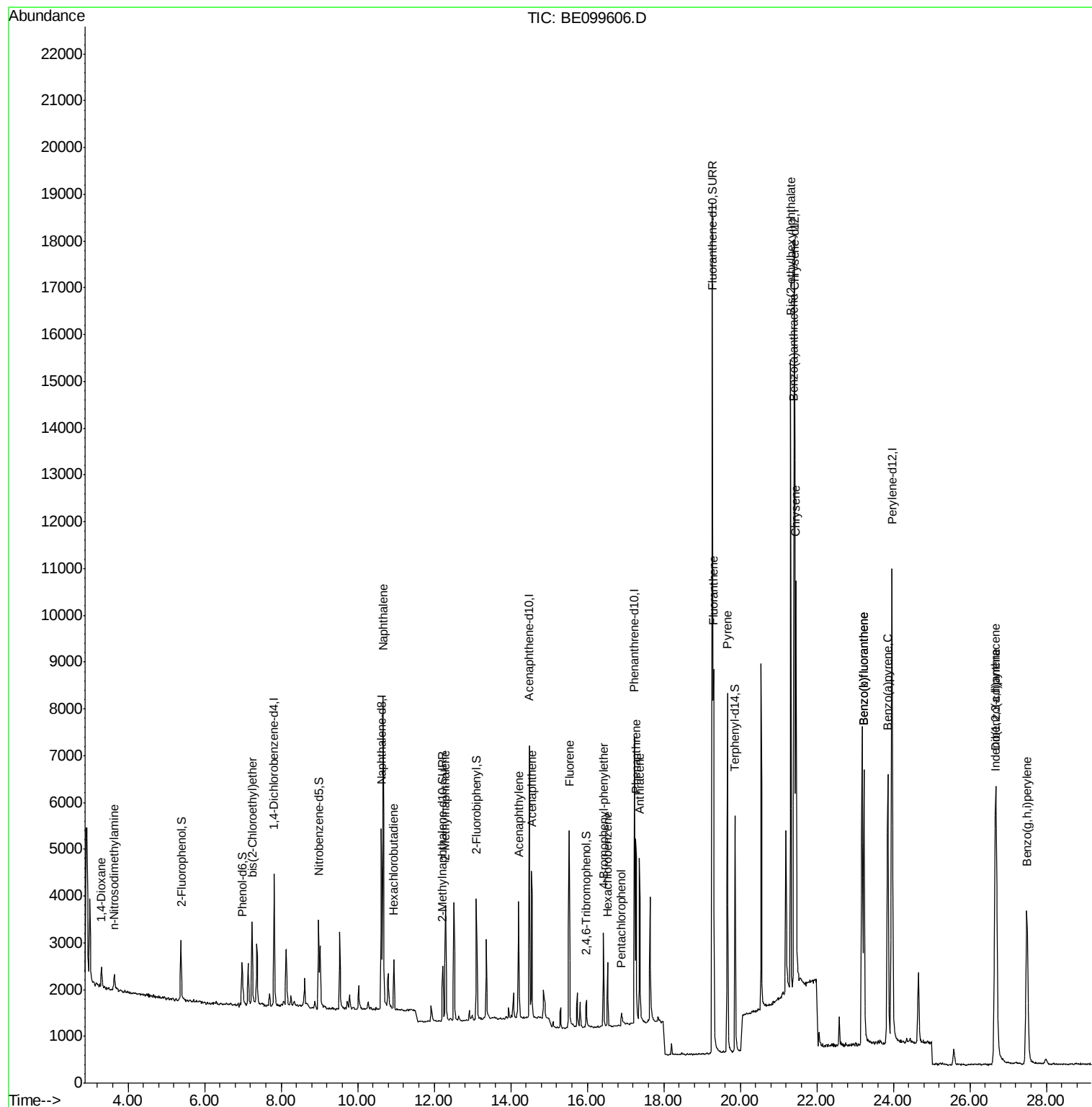
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	480	0.223	ng	97
3) n-Nitrosodimethylamine	3.64	42	310	0.233	ng	# 67
6) bis(2-Chloroethyl)ether	7.24	93	950	0.209	ng	100
9) Naphthalene	10.67	128	11110	0.202	ng	99
10) Hexachlorobutadiene	10.94	225	815	0.205	ng	98
12) 2-Methylnaphthalene	12.30	142	1820	0.202	ng	99
16) Acenaphthylene	14.21	152	3195	0.188	ng	97
17) Acenaphthene	14.54	154	1840	0.194	ng	99
18) Fluorene	15.53	166	2598	0.192	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	1107	0.195	ng	# 93
21) Hexachlorobenzene	16.53	284	1118	0.196	ng	97
22) Pentachlorophenol	16.89	266	322	0.141	ng	94
23) Phenanthrene	17.27	178	5008	0.202	ng	98
24) Anthracene	17.36	178	4337	0.187	ng	100
26) Fluoranthene	19.30	202	7404	0.199	ng	99
28) Pyrene	19.66	202	7786	0.196	ng	99
30) Benzo(a)anthracene	21.40	228	8811	0.191	ng	99
31) Chrysene	21.45	228	9224	0.200	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	13891	0.210	ng	99
33) Indeno(1,2,3-cd)pyrene	26.65	276	11036	0.192	ng	99
35) Benzo(b)fluoranthene	23.23	252	8817	0.190	ng	98
36) Benzo(k)fluoranthene	23.23	252	8817	0.191	ng	# 97
37) Benzo(a)pyrene	23.85	252	8954	0.199	ng	# 81
38) Dibenzo(a,h)anthracene	26.69	278	9004	0.192	ng	# 94
39) Benzo(g,h,i)perylene	27.49	276	9195	0.193	ng	# 97

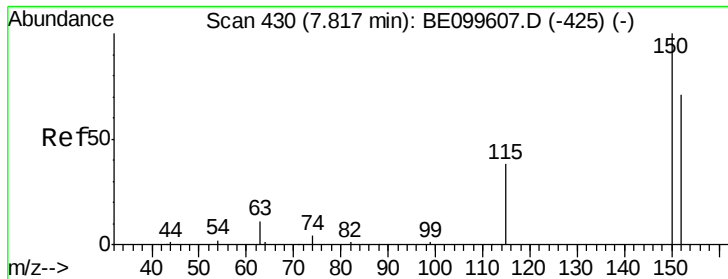
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

Quant Time: May 14 19:11:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M
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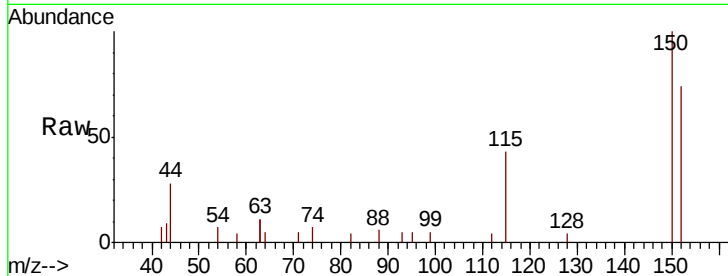


#1

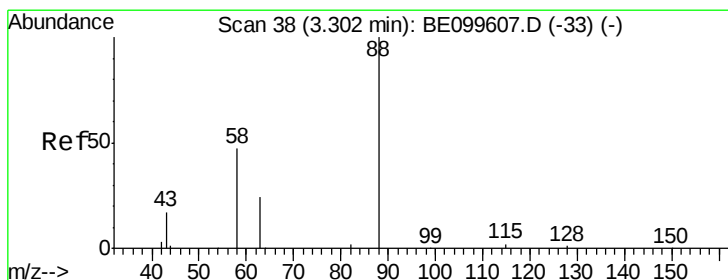
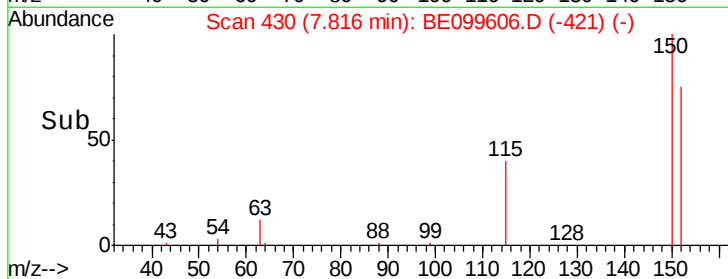
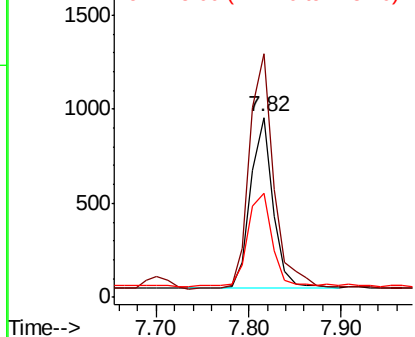
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099606.D
Acq: 14 May 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1524
Ion Ratio Lower Upper
152 100
150 135.5 110.1 165.1
115 57.6 46.2 69.4



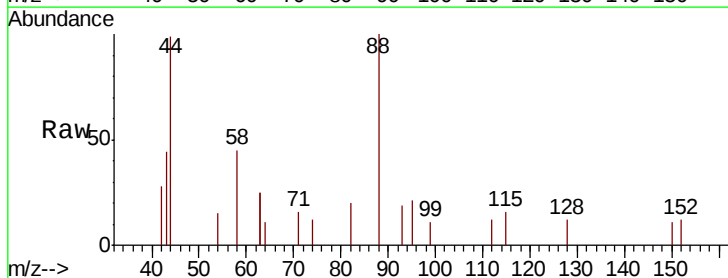
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



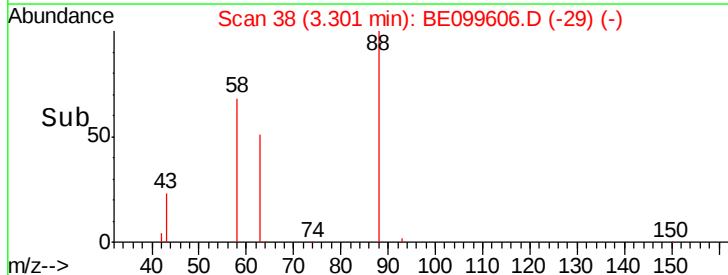
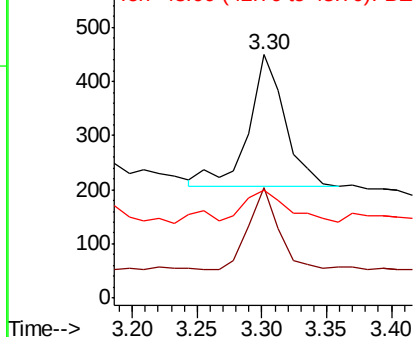
#2

1,4-Dioxane
Concen: 0.223 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099606.D
Acq: 14 May 2019 15:53

Tgt Ion: 88 Resp: 480
Ion Ratio Lower Upper
88 100
58 50.6 39.8 59.6
43 29.4 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



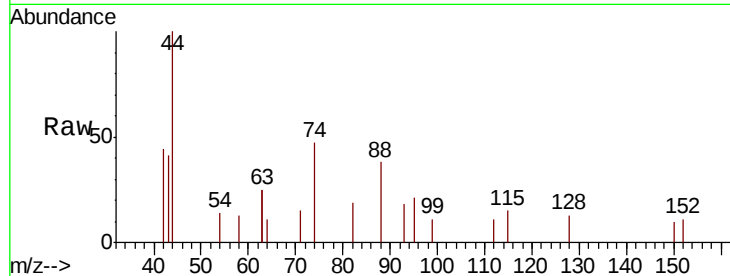


#3

n-Nitrosodimethylamine
 Concen: 0.233 ng
 RT: 3.64 min Scan# 67
 Delta R.T. 0.01 min
 Lab File: BE099606.D
 Acq: 14 May 2019 15:53

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	124.5	134.7	202.1#
44	0.0	12.5	18.7#

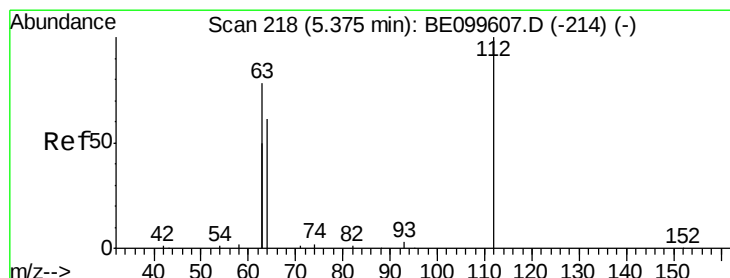
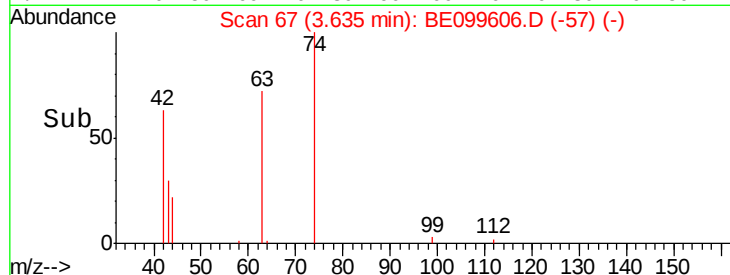
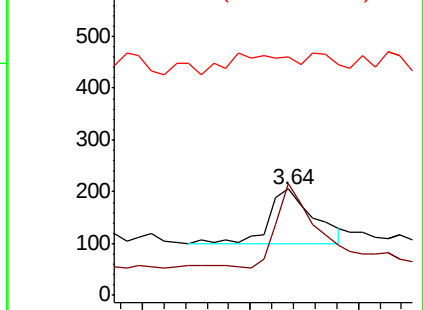


Abundance

Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

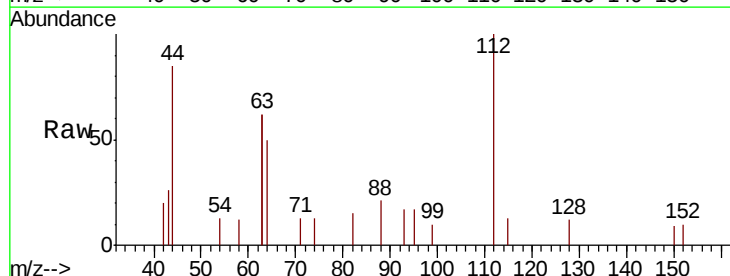
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol
 Concen: 0.207 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: BE099606.D
 Acq: 14 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	43.7	65.5
63	120.3	94.0	141.0

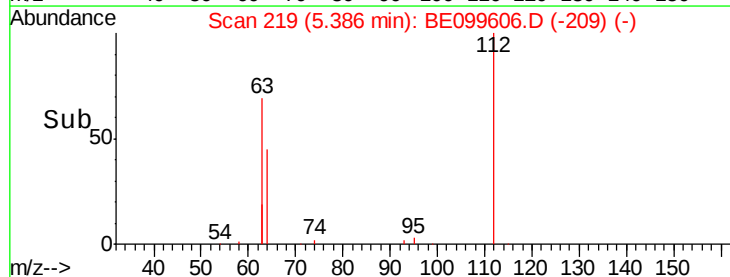
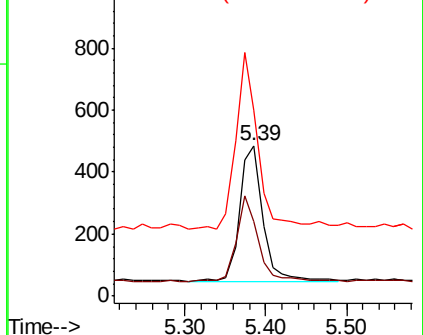


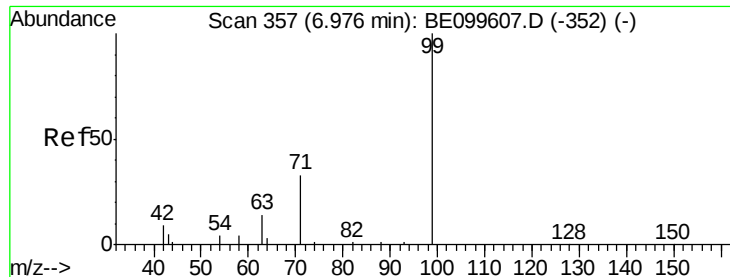
Abundance

Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.199 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

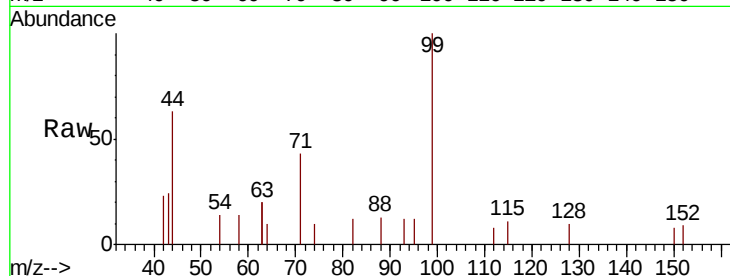
Tot Ion: 99 Resp: 1091

Ion Ratio Lower Upper

99 100

42 15.3 14.3 21.5

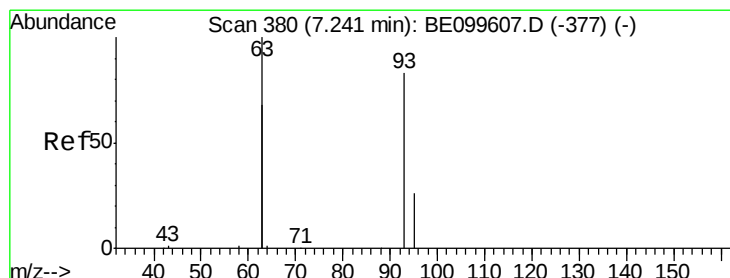
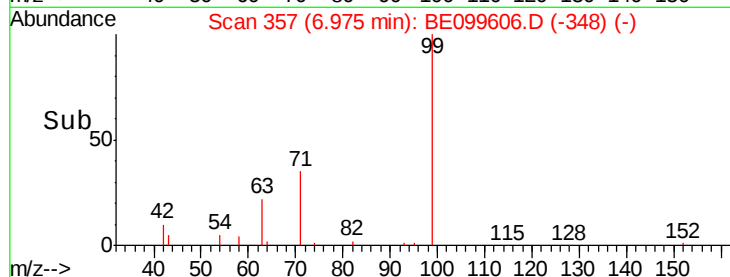
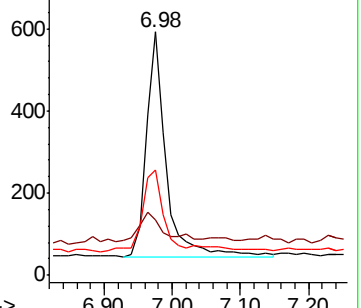
71 39.7 33.1 49.7



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: 0.209 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

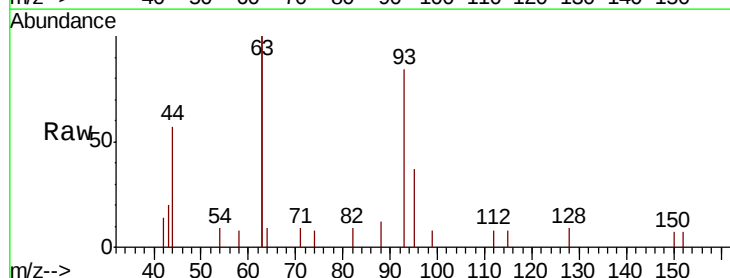
Tgt Ion: 93 Resp: 950

Ion Ratio Lower Upper

93 100

63 250.9 201.0 301.4

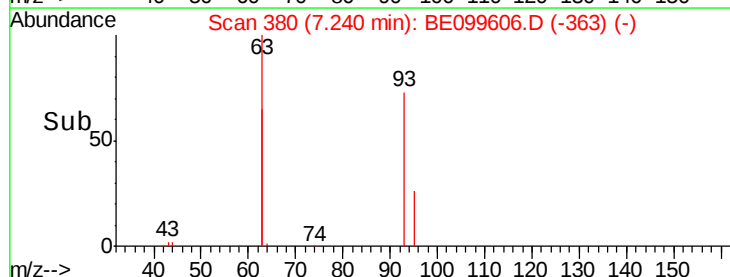
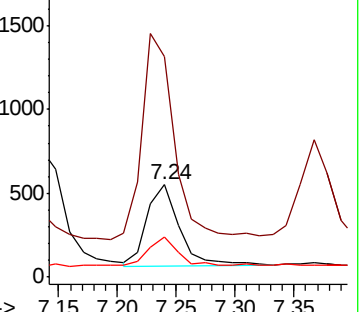
95 31.9 25.0 37.4



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: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5170

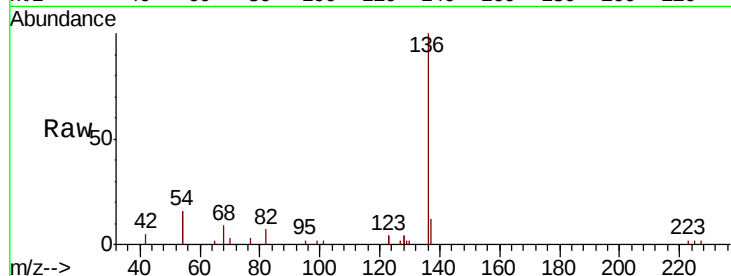
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 31.8 23.8 35.8

68 8.6 6.2 9.2

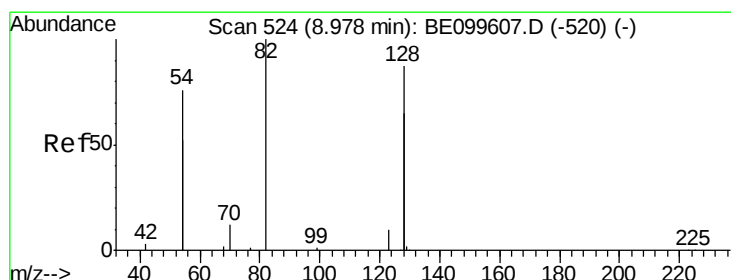
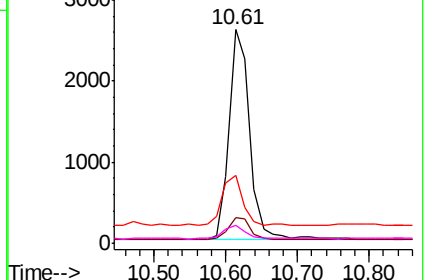
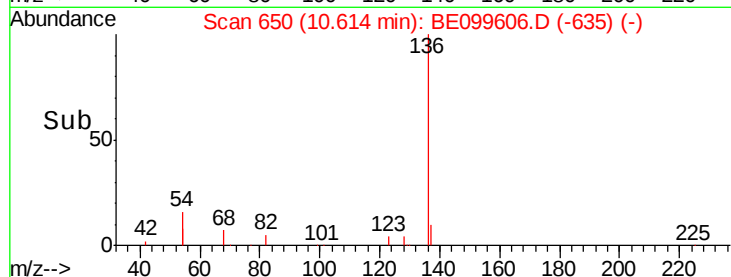


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.202 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

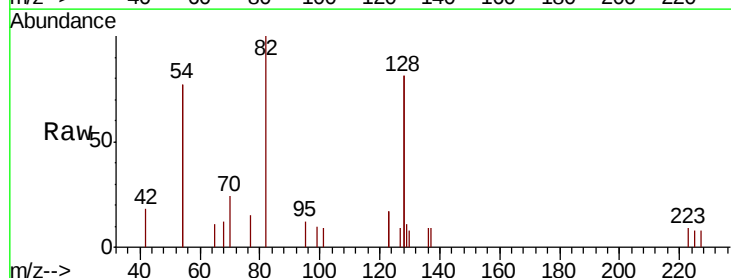
Tgt Ion: 82 Resp: 981

Ion Ratio Lower Upper

82 100

128 161.6 131.4 197.2

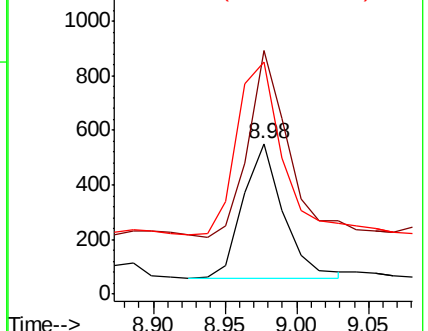
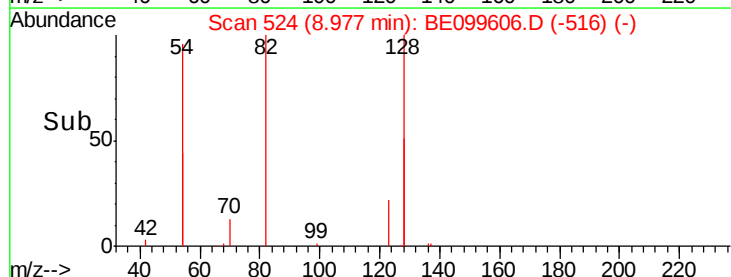
54 154.3 113.9 170.9

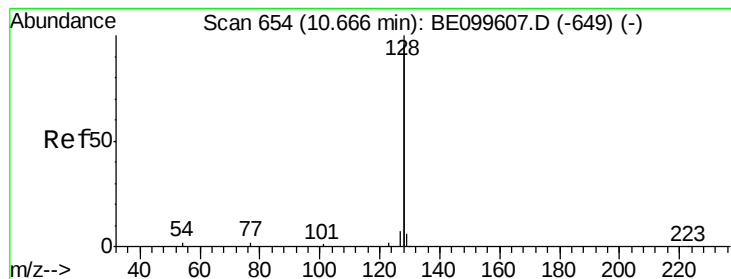


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.202 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

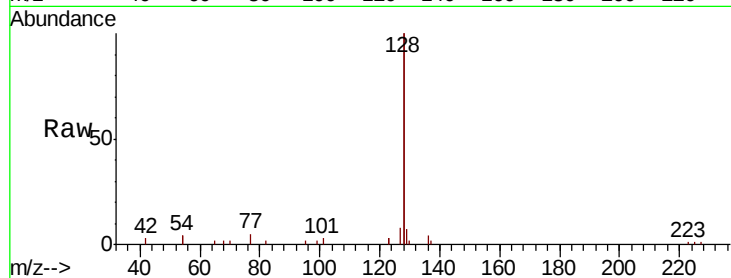
Tot Ion:128 Resp: 11110

Ion Ratio Lower Upper

128 100

129 3.4 2.6 4.0

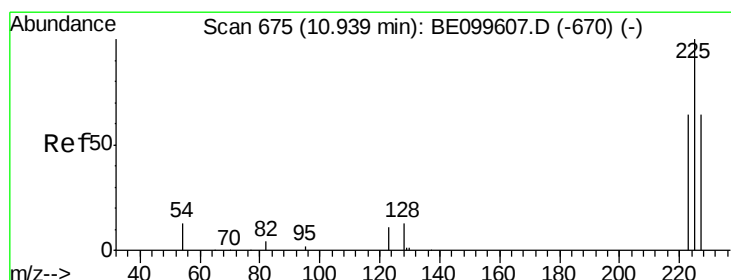
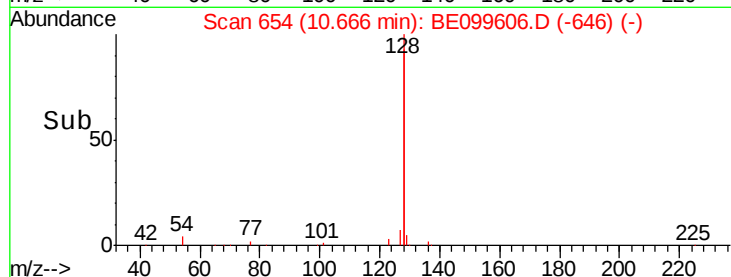
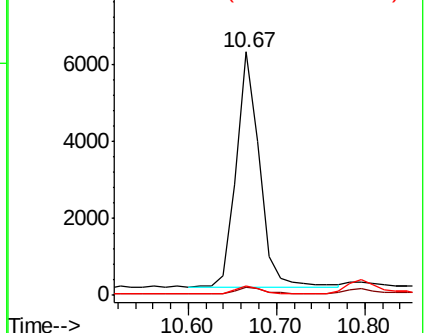
127 4.1 3.0 4.6



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: 0.205 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

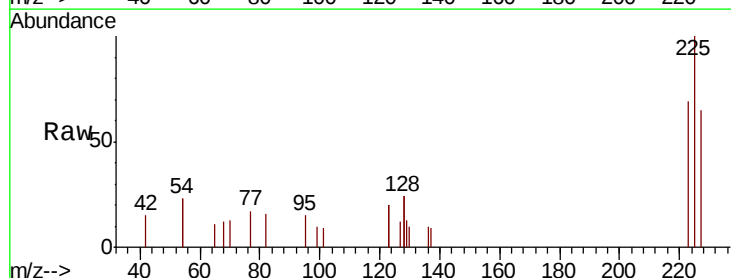
Tgt Ion:225 Resp: 815

Ion Ratio Lower Upper

225 100

223 64.9 49.8 74.8

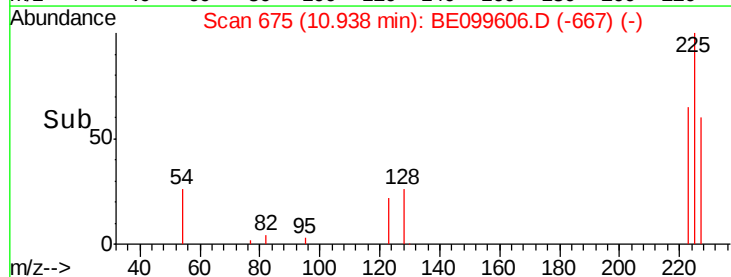
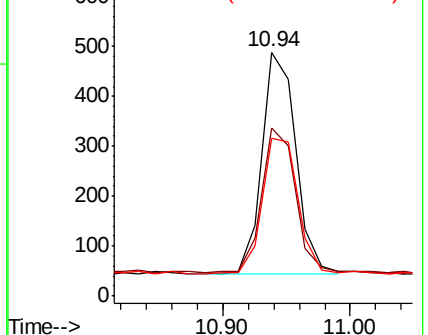
227 64.4 51.2 76.8

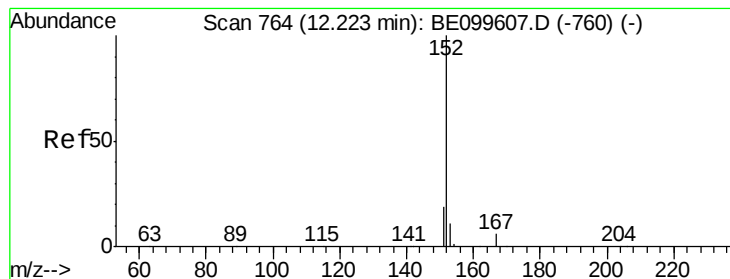


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.199 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

Instrument :

BNA_E

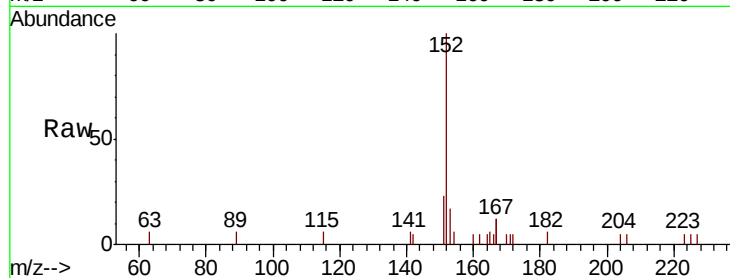
ClientSampled :

Tot Ion:152 Resp: 1725

Ion Ratio Lower Upper

152 100

151 18.8 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

1000

800

600

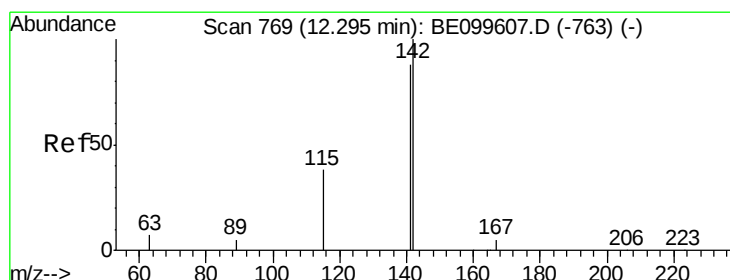
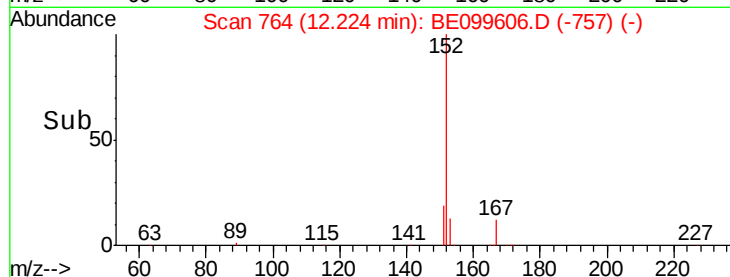
400

200

0

12.10 12.20 12.30 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.202 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

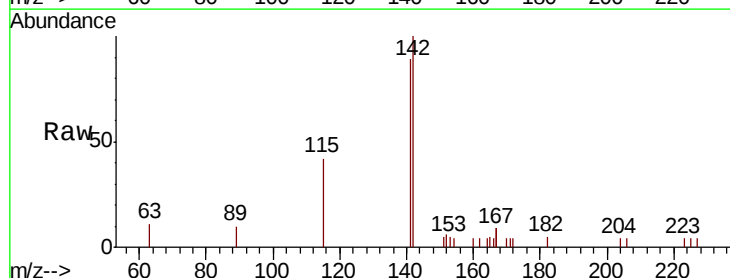
Tgt Ion:142 Resp: 1820

Ion Ratio Lower Upper

142 100

141 88.5 70.4 105.6

115 42.2 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

1500

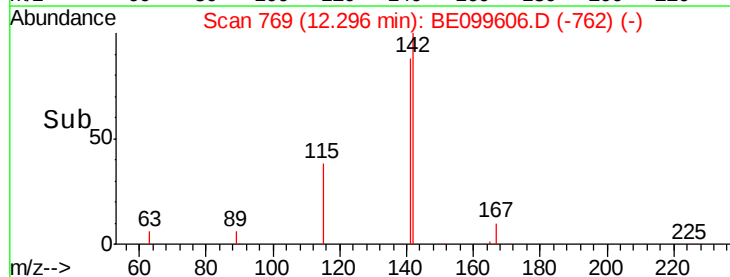
1000

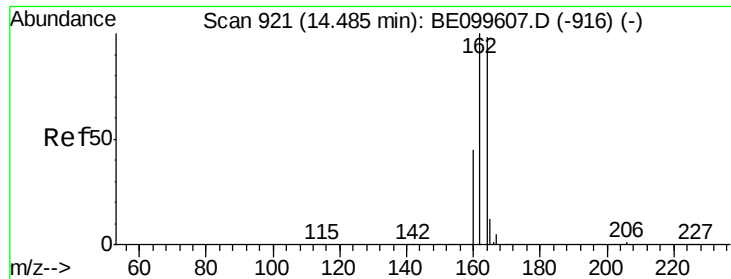
500

0

12.20 12.30 12.40

Time-->

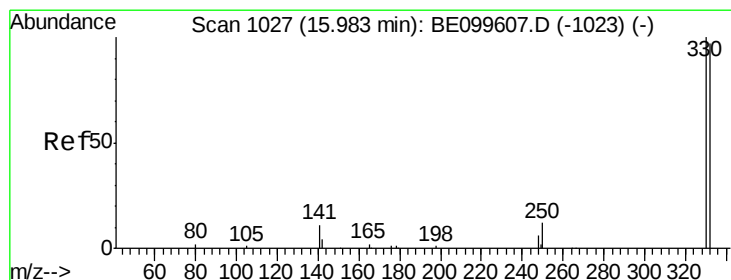
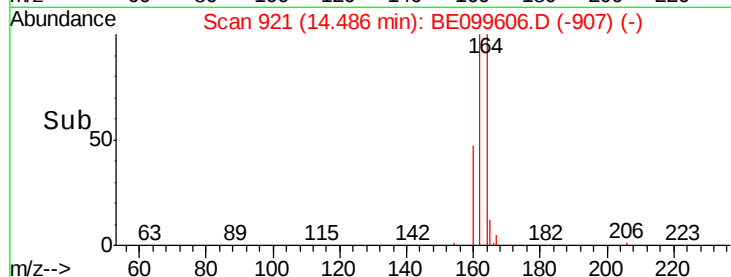
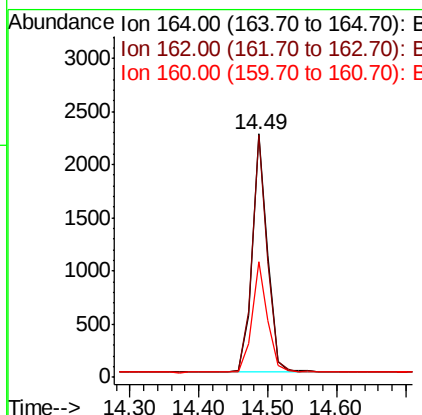
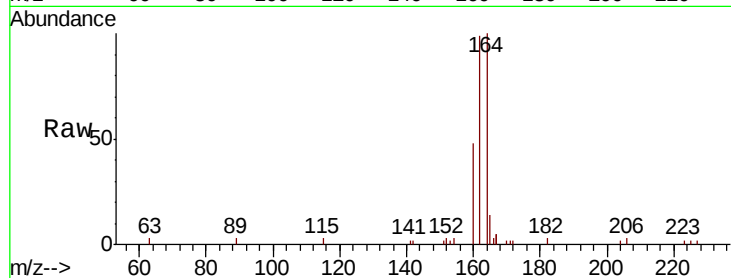




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099606.D
Acq: 14 May 2019 15:53

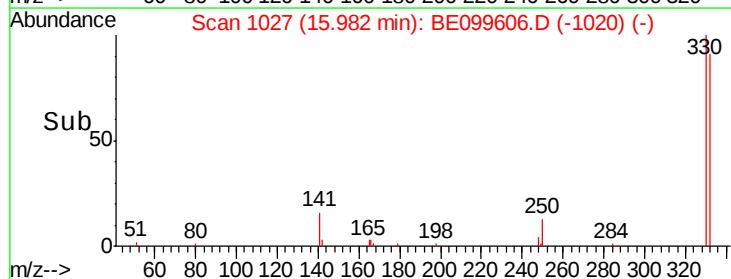
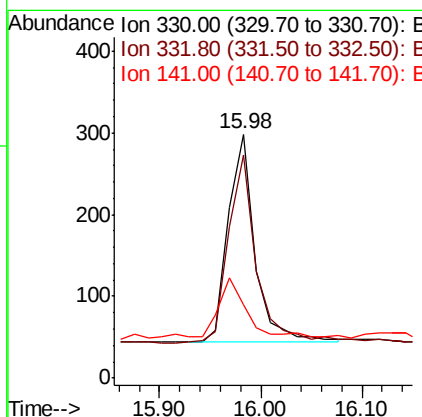
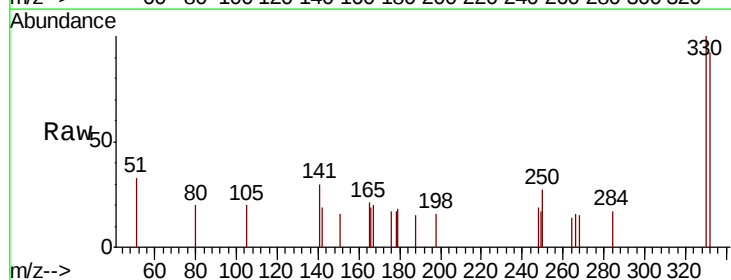
Instrument :
BNA_E
ClientSampleId :

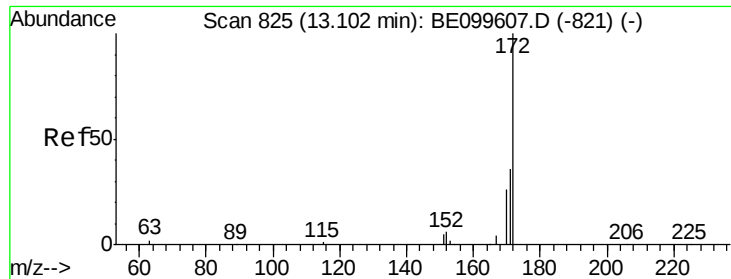
Tot Ion:164 Resp: 3511
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 47.5 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE099606.D
Acq: 14 May 2019 15:53

Tgt Ion:330 Resp: 465
Ion Ratio Lower Upper
330 100
332 97.8 73.8 110.8
141 28.0 21.0 31.6

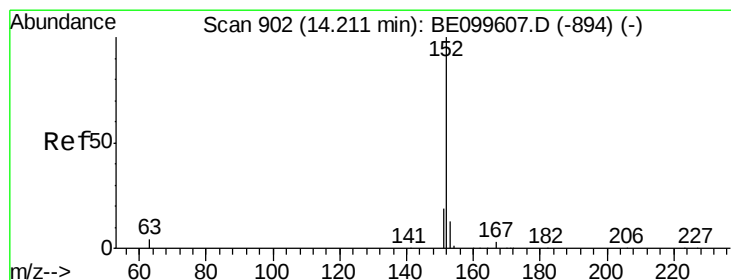
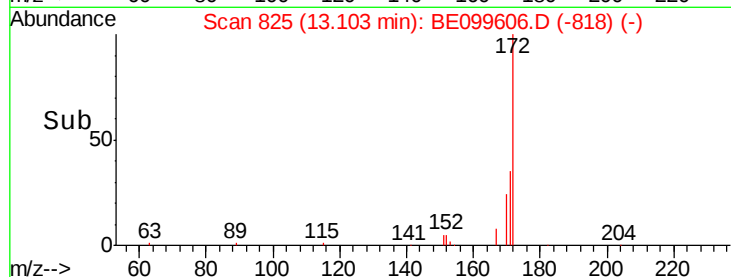
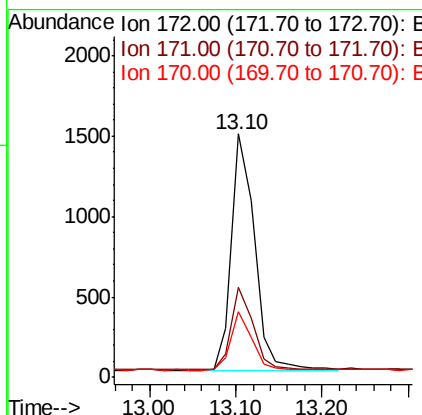
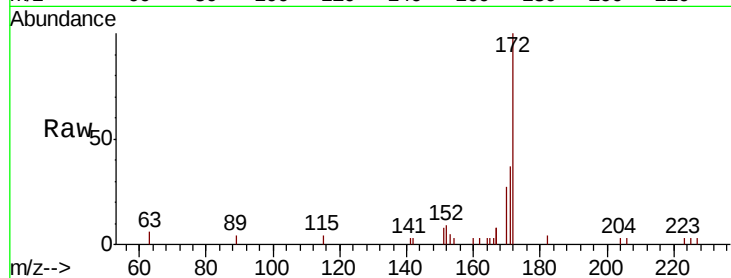




#15
2-Fluorobiphenyl
Concen: 0.200 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099606.D
Acq: 14 May 2019 15:53

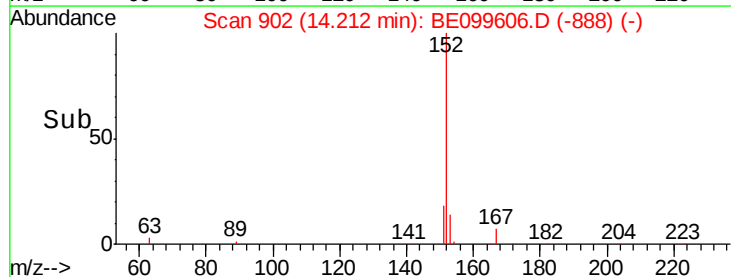
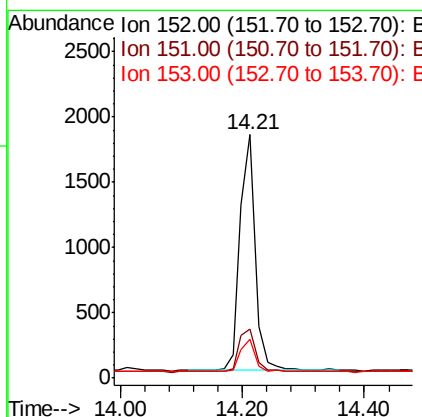
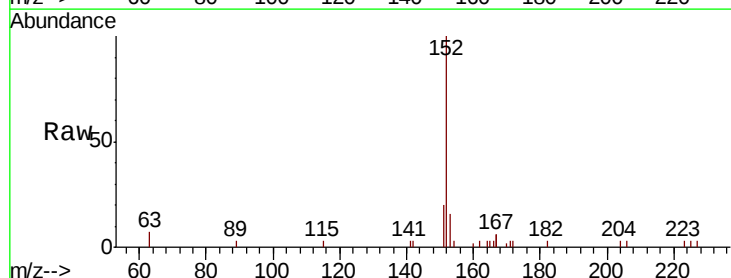
Instrument :
BNA_E
ClientSampleId :

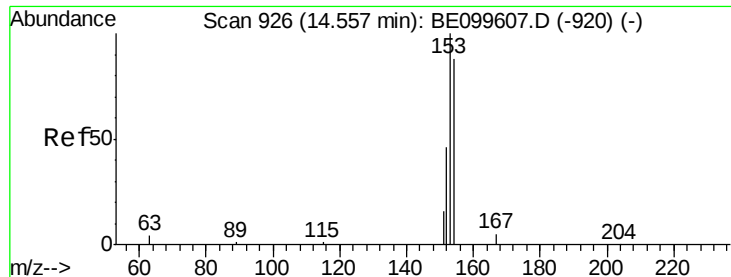
Tot Ion:172 Resp: 2722
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.2
170 26.8 21.5 32.3



#16
Acenaphthylene
Concen: 0.188 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099606.D
Acq: 14 May 2019 15:53

Tgt Ion:152 Resp: 3195
Ion Ratio Lower Upper
152 100
151 21.3 15.6 23.4
153 13.4 10.4 15.6





#17

Acenaphthene

Concen: 0.194 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

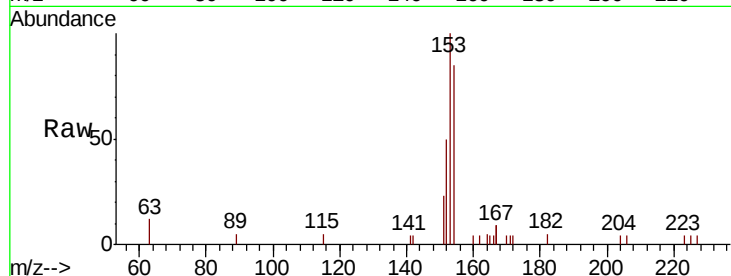
Tot Ion:154 Resp: 1840

Ion Ratio Lower Upper

154 100

153 118.2 94.1 141.1

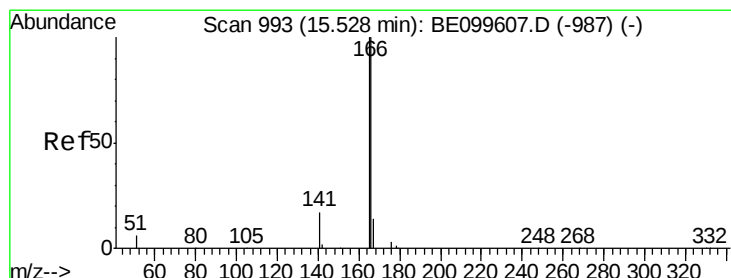
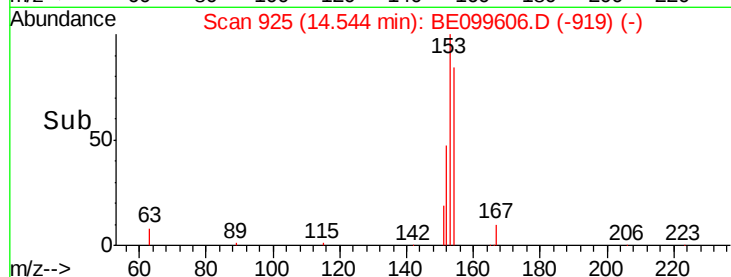
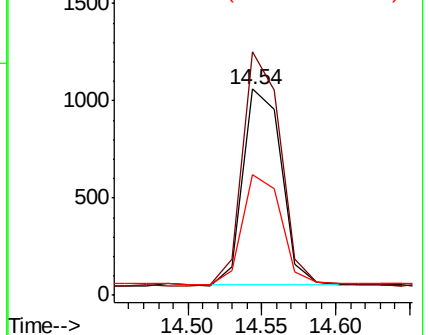
152 56.5 46.5 69.7



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: 0.192 ng

RT: 15.53 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

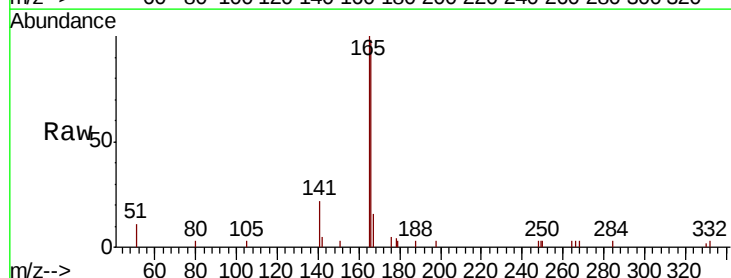
Tgt Ion:166 Resp: 2598

Ion Ratio Lower Upper

166 100

165 100.1 79.8 119.8

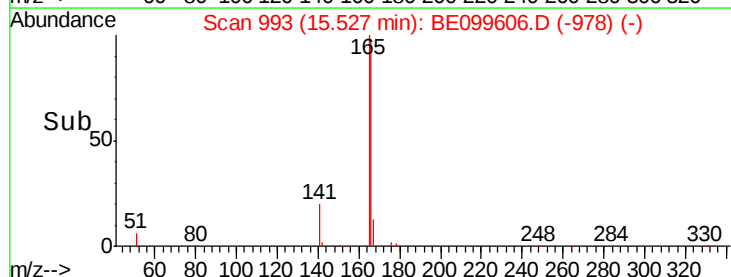
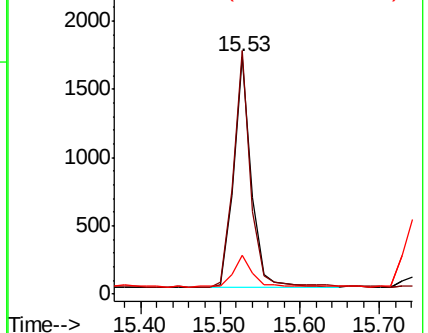
167 15.1 11.2 16.8

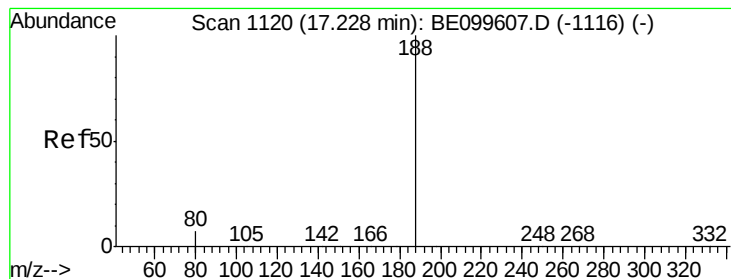


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

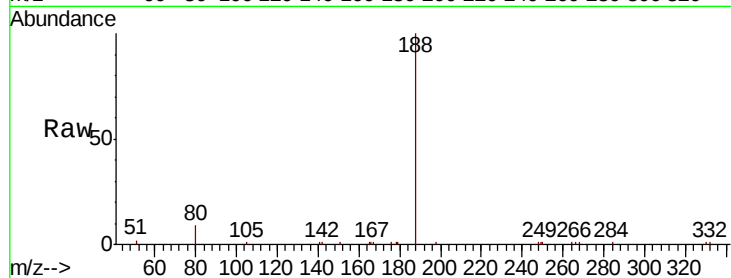
Tot Ion:188 Resp: 9974

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

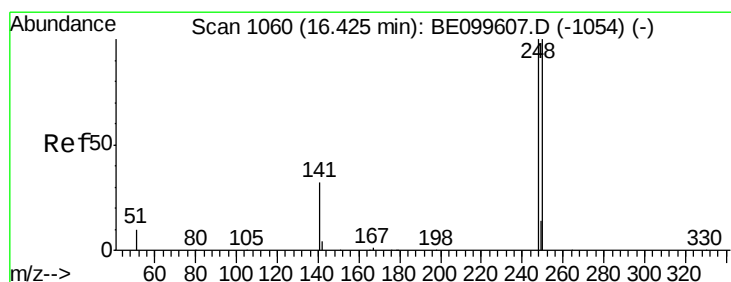
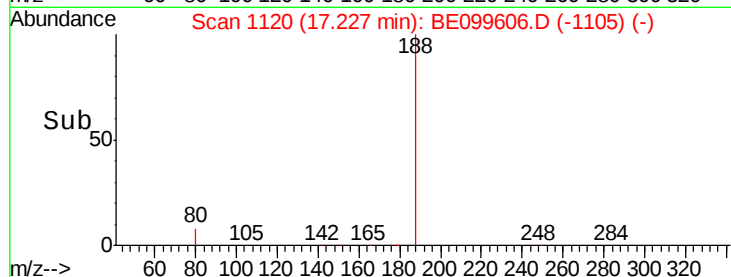
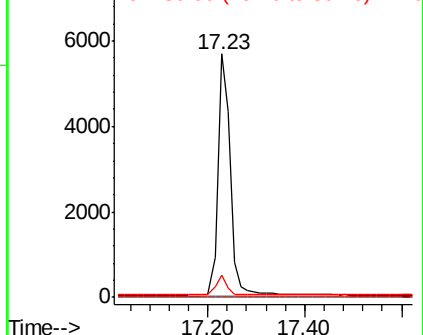
80 9.4 6.4 9.6



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: 0.195 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

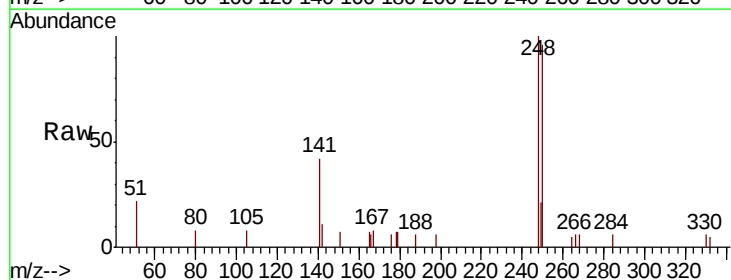
Tgt Ion:248 Resp: 1107

Ion Ratio Lower Upper

248 100

250 95.6 80.4 120.6

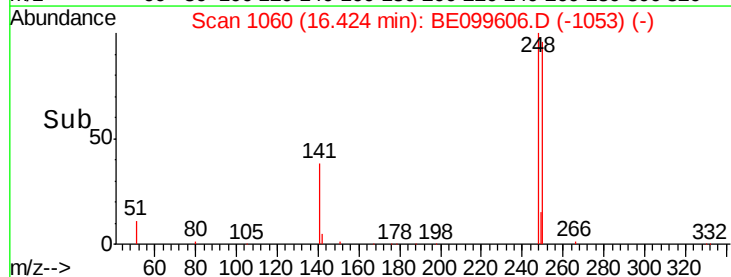
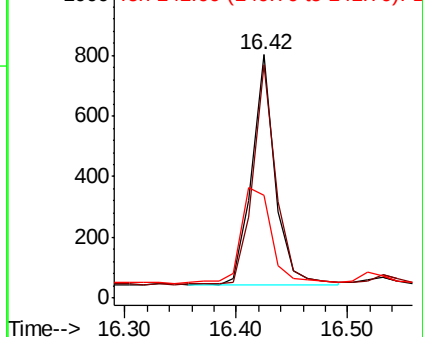
141 42.3 27.8 41.8#

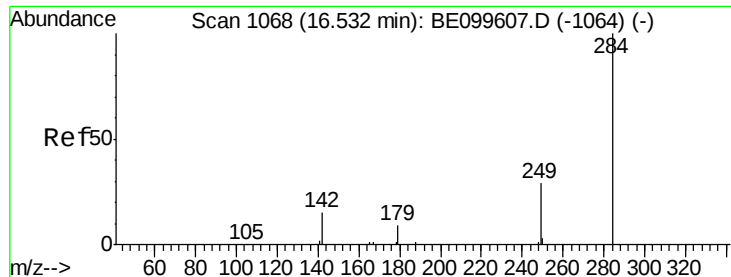


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.196 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

Instrument :

BNA_E

ClientSampled :

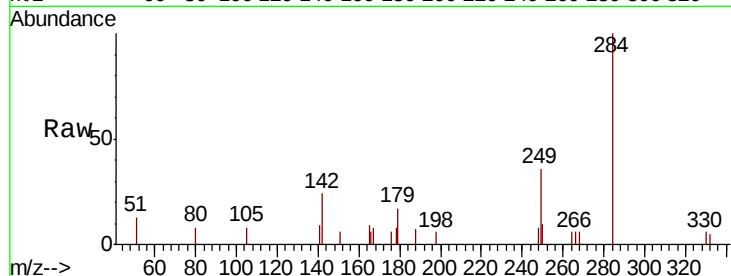
Tot Ion:284 Resp: 1118

Ion Ratio Lower Upper

284 100

142 25.3 19.4 29.2

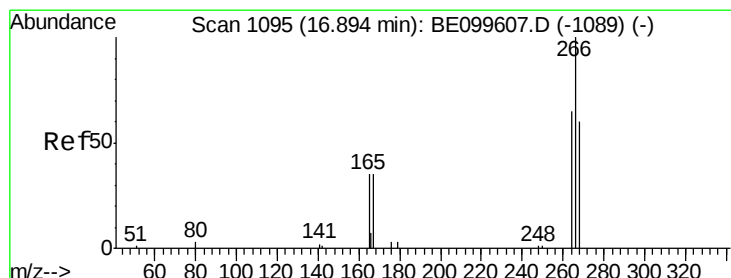
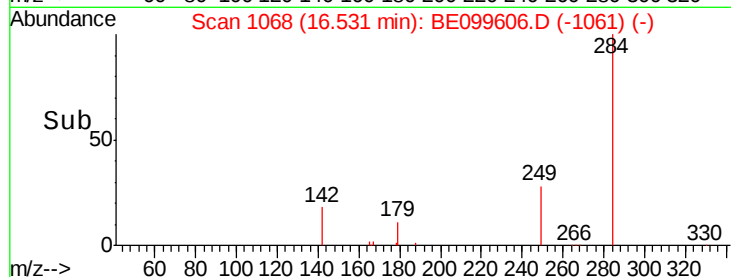
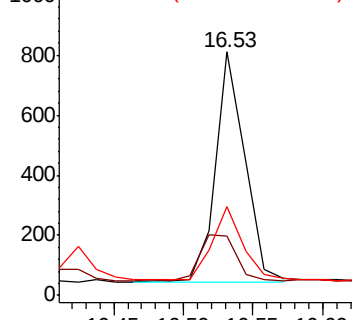
249 32.7 24.6 37.0



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: 0.141 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

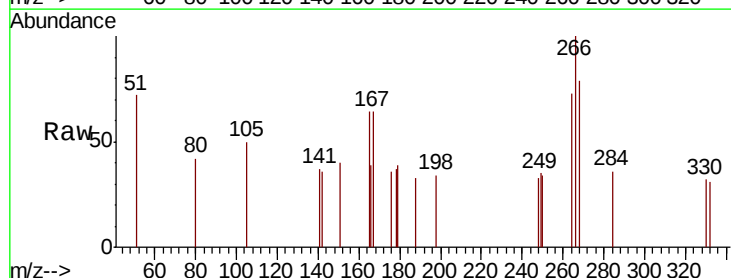
Tgt Ion:266 Resp: 322

Ion Ratio Lower Upper

266 100

264 72.9 57.7 86.5

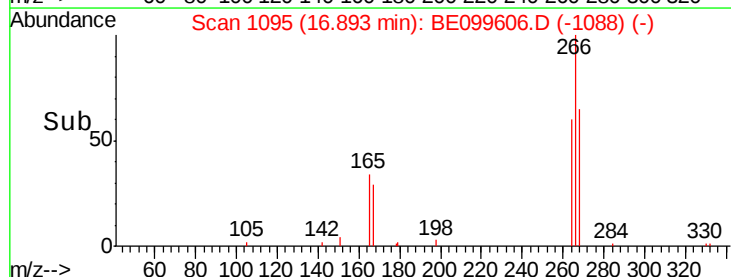
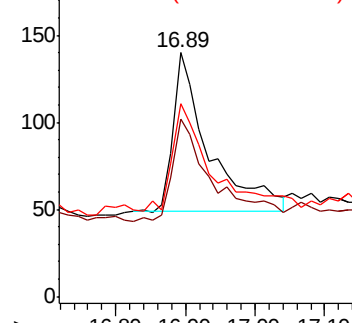
268 79.3 55.8 83.8



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: 0.202 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

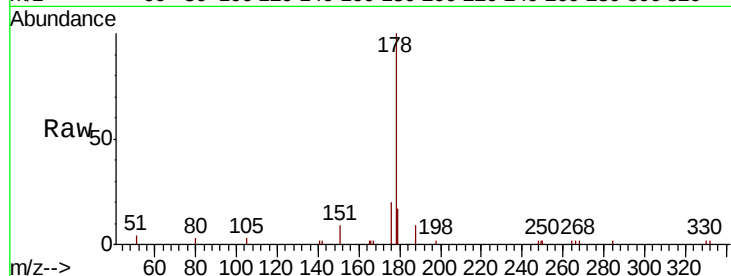
Tot Ion:178 Resp: 5008

Ion Ratio Lower Upper

178 100

176 18.7 15.7 23.5

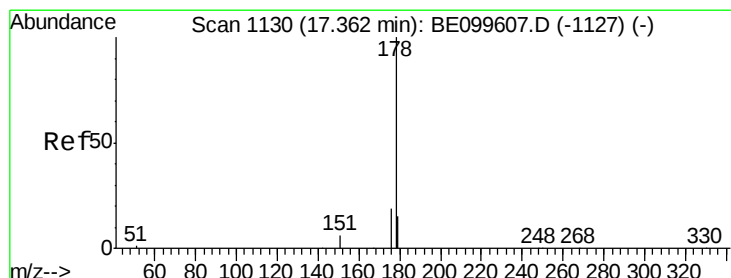
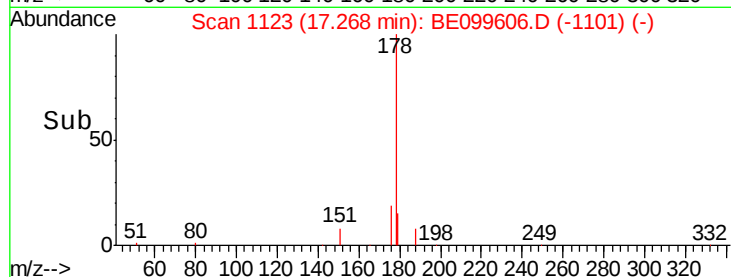
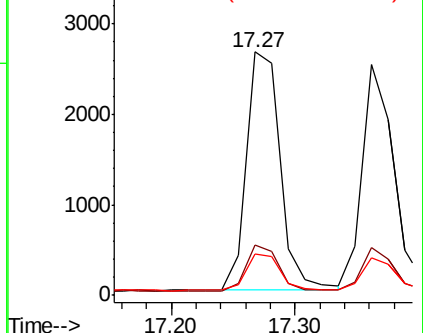
179 15.9 12.2 18.2



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: 0.187 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

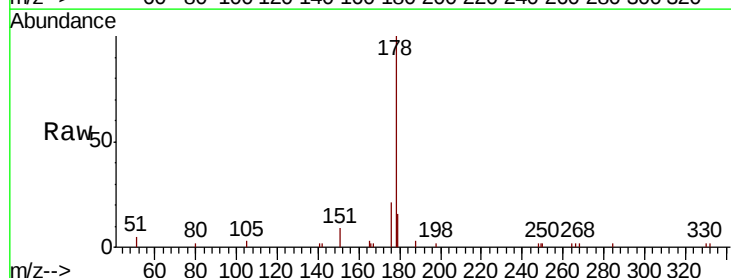
Tgt Ion:178 Resp: 4337

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

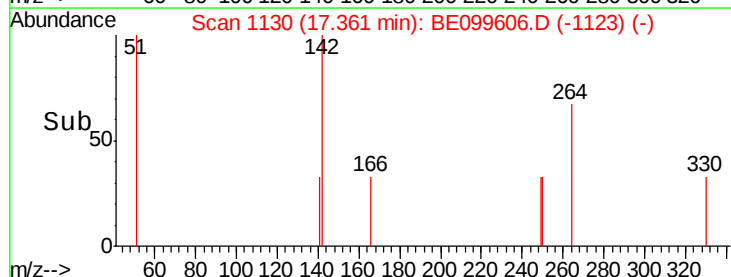
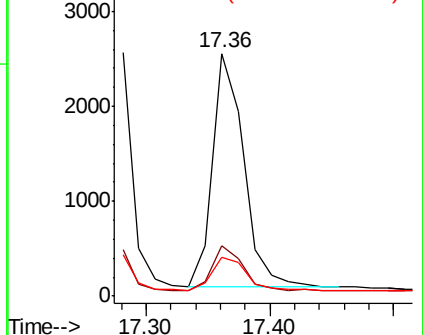
179 15.1 12.1 18.1



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: 0.203 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

Instrument :

BNA_E

ClientSampled :

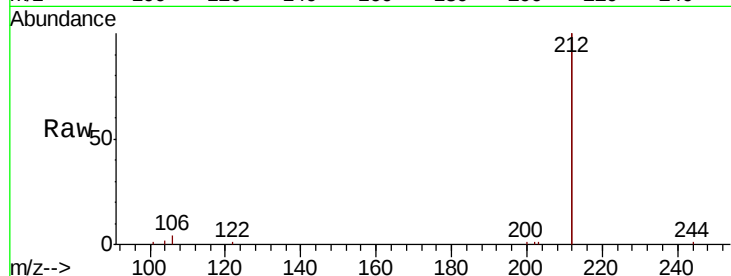
Tot Ion:212 Resp: 26572

Ion Ratio Lower Upper

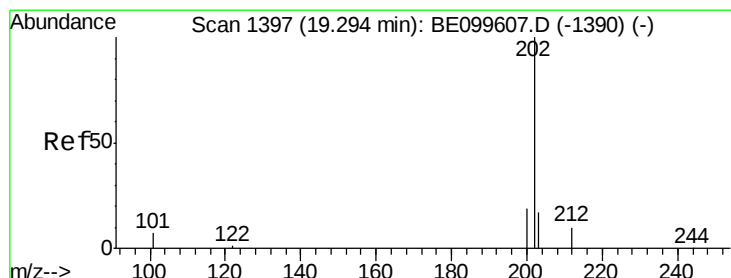
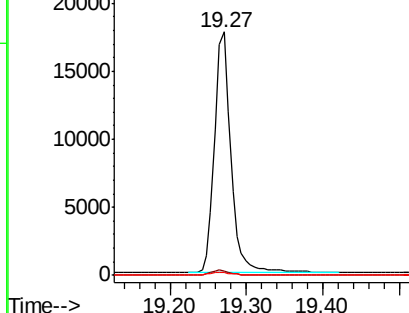
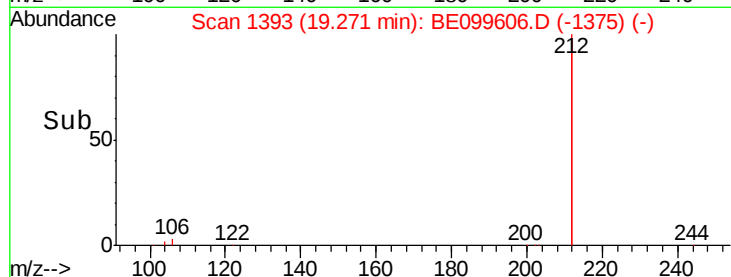
212 100

106 1.9 1.4 2.2

104 1.1 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: 0.199 ng

RT: 19.30 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

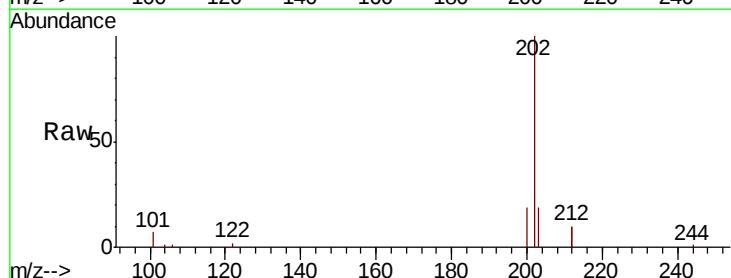
Tgt Ion:202 Resp: 7404

Ion Ratio Lower Upper

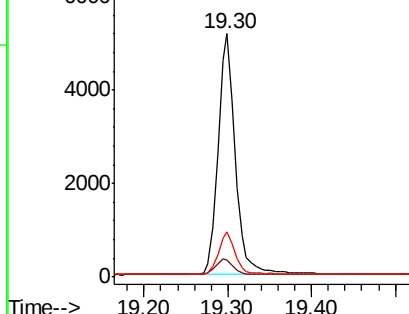
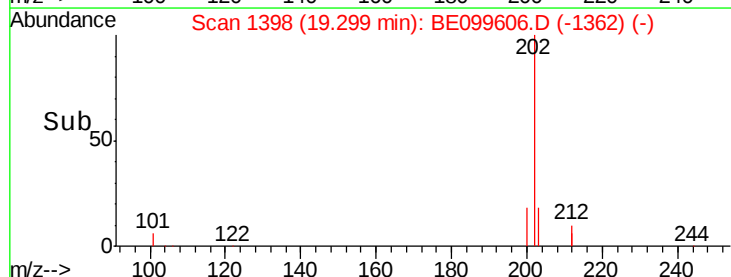
202 100

101 6.4 5.0 7.6

203 16.8 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: BE099606.D

Acq: 14 May 2019 15:53

Instrument :

BNA_E

ClientSampled :

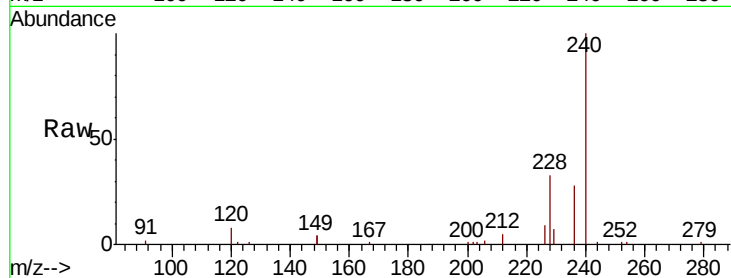
Tot Ion:240 Resp: 15100

Ion Ratio Lower Upper

240 100

120 7.5 5.7 8.5

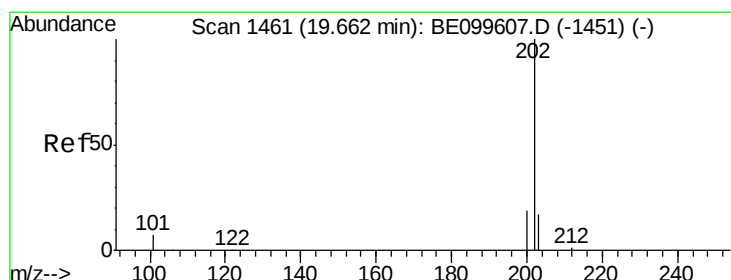
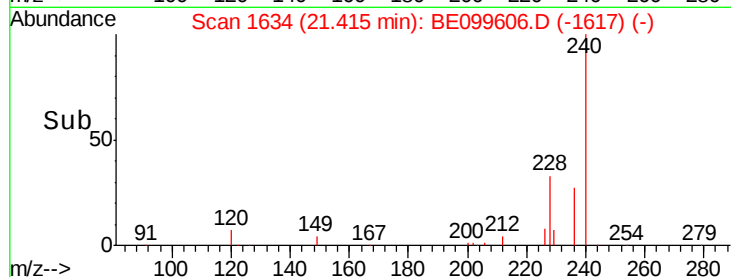
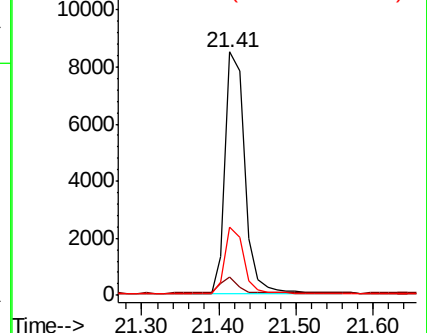
236 28.0 22.8 34.2



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: 0.196 ng

RT: 19.66 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

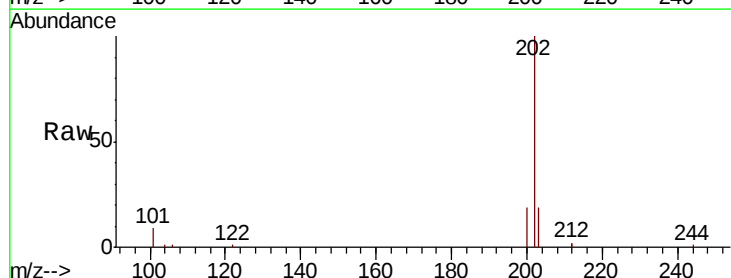
Tgt Ion:202 Resp: 7786

Ion Ratio Lower Upper

202 100

200 19.1 15.8 23.6

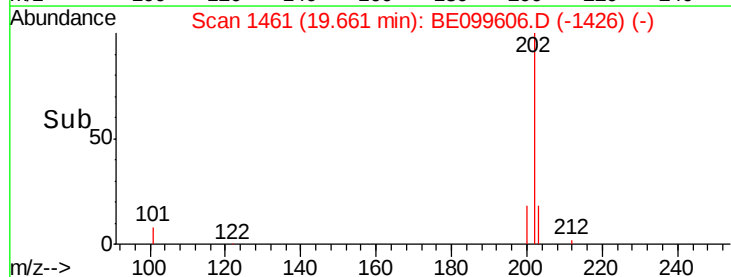
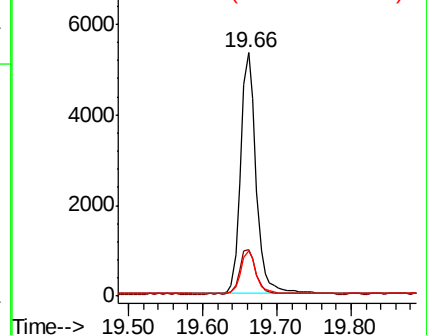
203 17.5 14.1 21.1

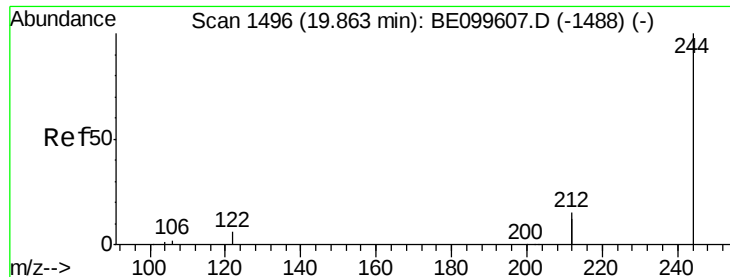


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.201 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

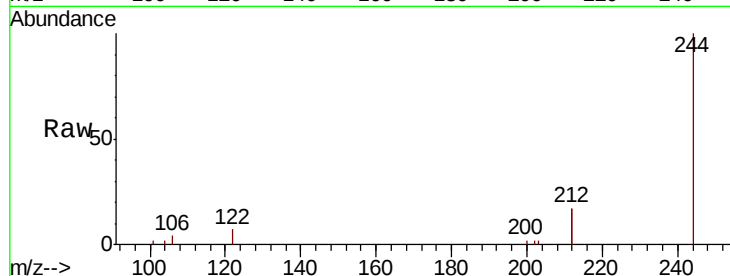
Tot Ion:244 Resp: 5405

Ion Ratio Lower Upper

244 100

212 33.7 23.8 35.6

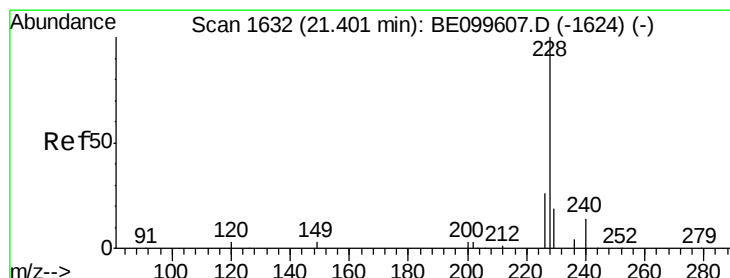
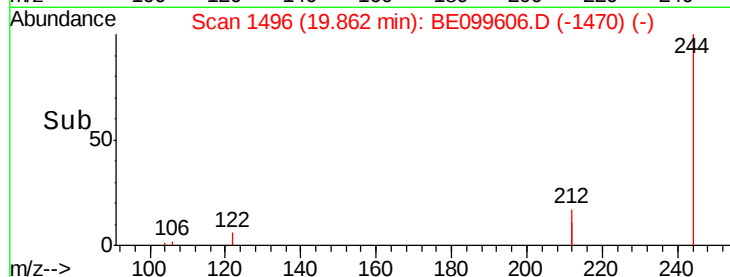
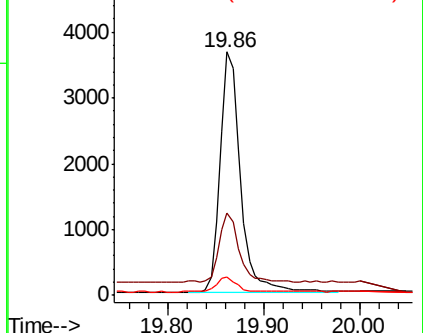
122 7.5 5.0 7.6



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: 0.191 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

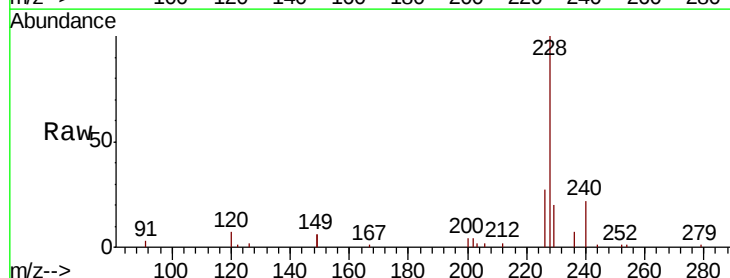
Tgt Ion:228 Resp: 8811

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.2

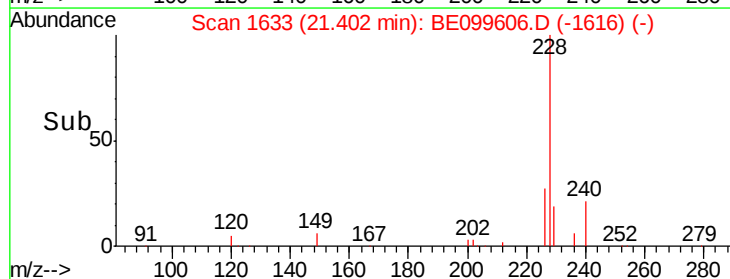
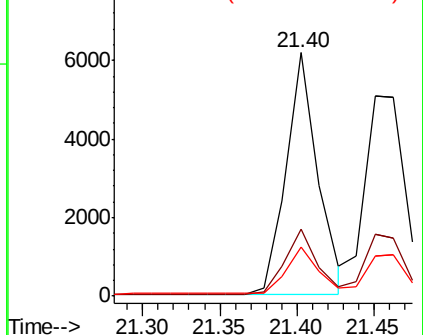
229 20.1 15.8 23.8

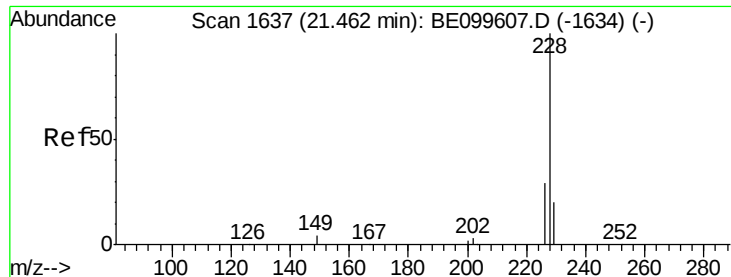


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.200 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

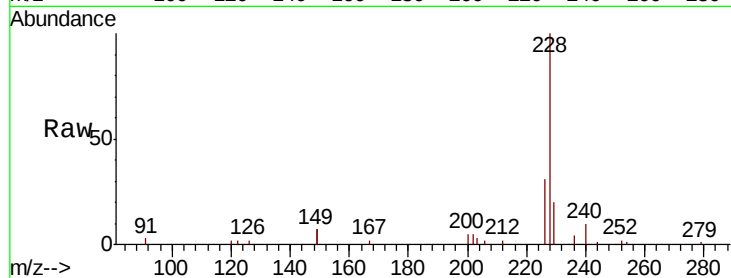
Tot Ion:228 Resp: 9224

Ion Ratio Lower Upper

228 100

226 31.2 23.0 34.4

229 20.3 16.4 24.6

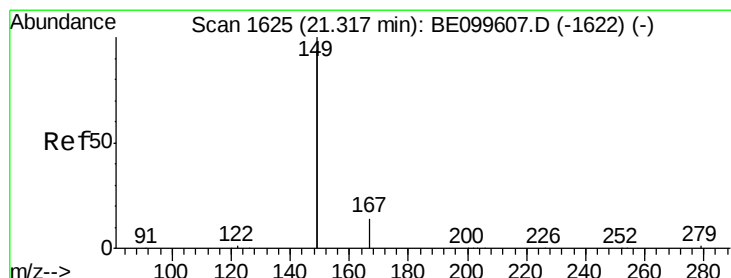
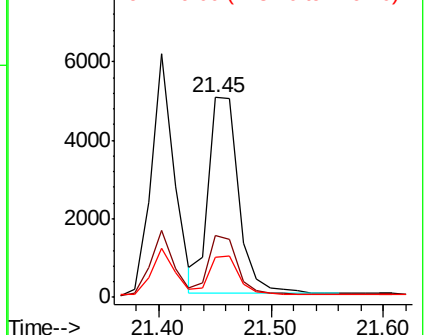
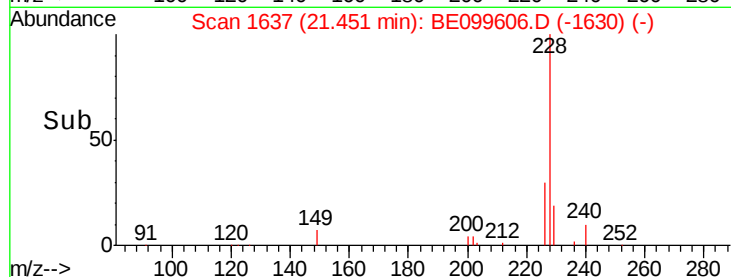


Abundance

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: 0.210 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

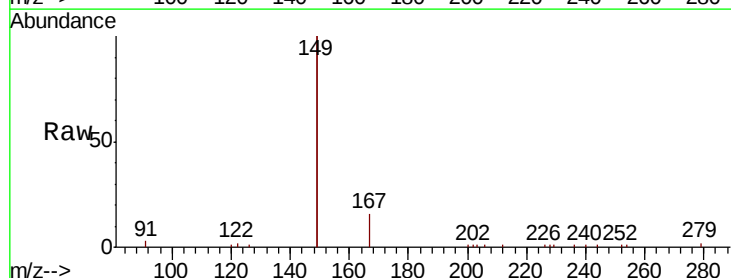
Tgt Ion:149 Resp: 13891

Ion Ratio Lower Upper

149 100

167 7.9 6.0 9.0

279 1.6 1.1 1.7

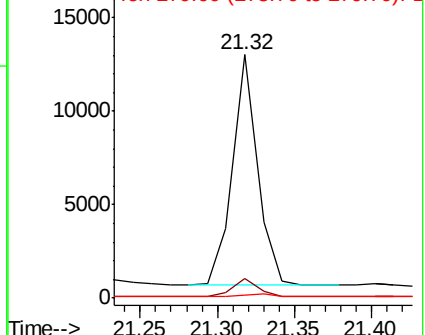
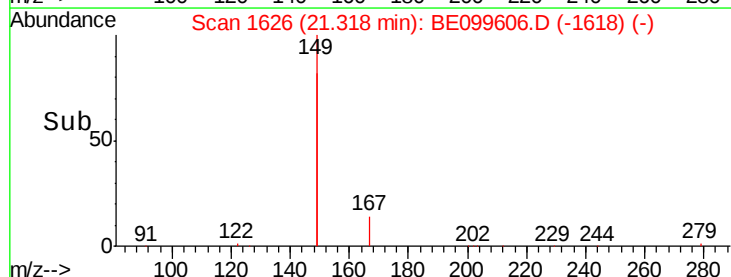


Abundance

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

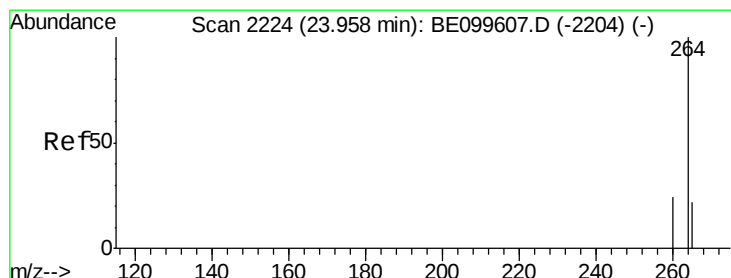
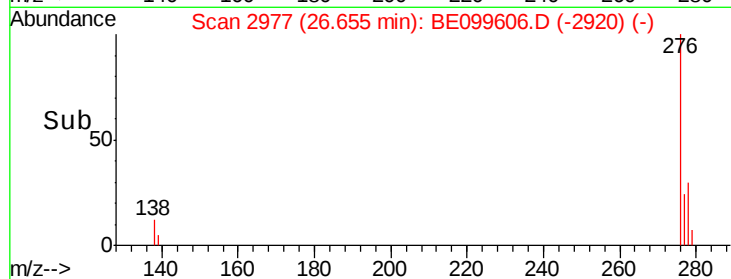
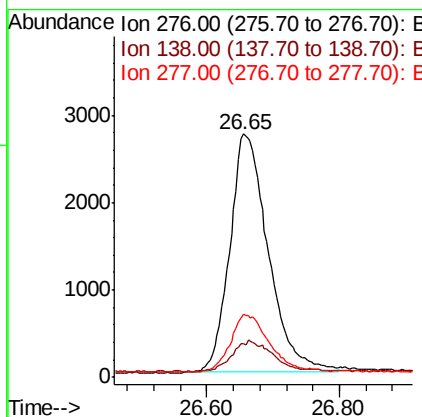
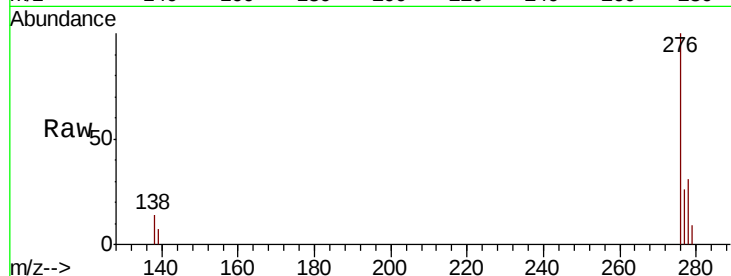




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.192 ng
 RT: 26.65 min Scan# 2977
 Delta R.T. 0.00 min
 Lab File: BE099606.D
 Acq: 14 May 2019 15:53

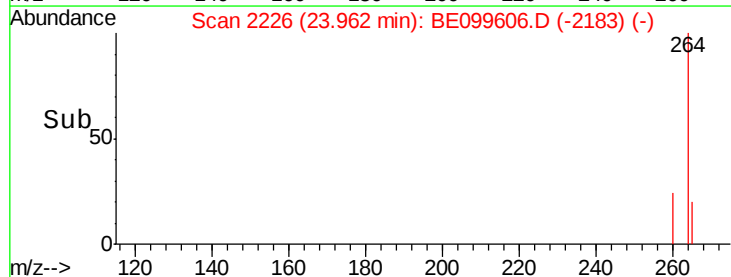
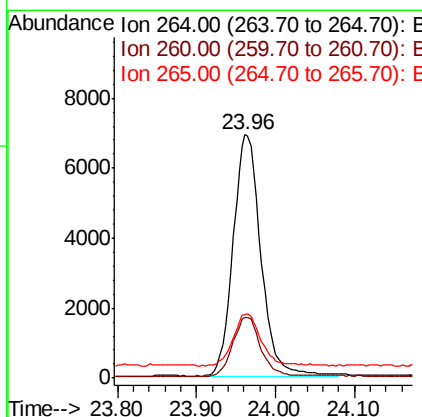
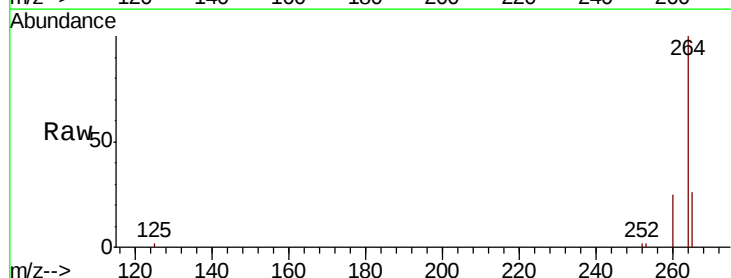
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 11036
 Ion Ratio Lower Upper
 276 100
 138 13.6 10.0 15.0
 277 24.0 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: BE099606.D
 Acq: 14 May 2019 15:53

Tgt Ion:264 Resp: 16791
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 25.9 21.2 31.8

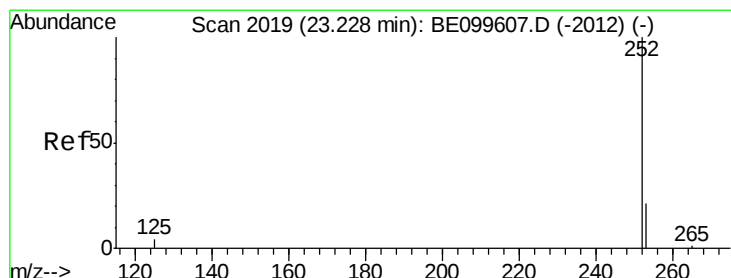
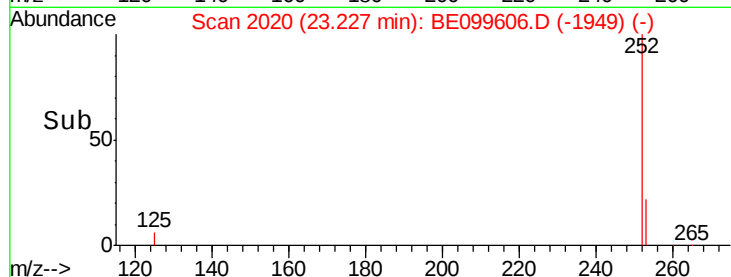
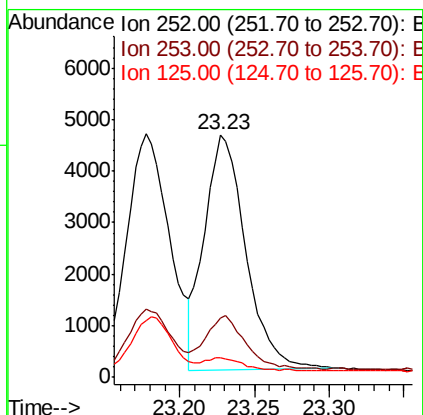
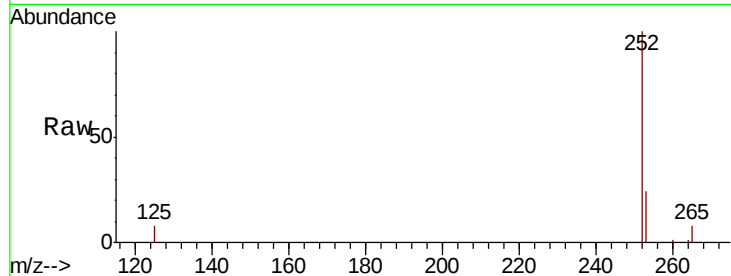




#35
Benzo(b)fluoranthene
Concen: 0.190 ng
RT: 23.23 min Scan# 2020
Delta R.T. 0.05 min
Lab File: BE099606.D
Acq: 14 May 2019 15:53

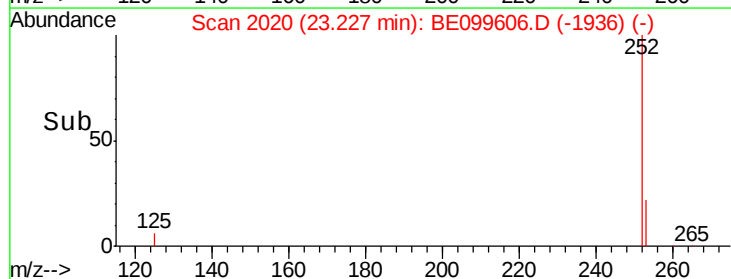
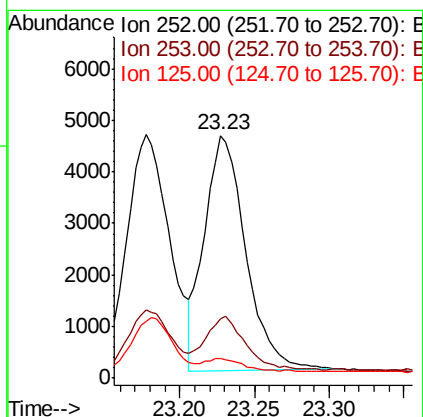
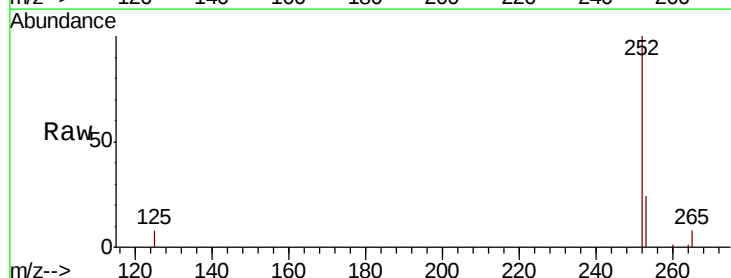
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 8817
Ion Ratio Lower Upper
252 100
253 24.3 19.1 28.7
125 7.9 7.8 11.8



#36
Benzo(k)fluoranthene
Concen: 0.191 ng
RT: 23.23 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BE099606.D
Acq: 14 May 2019 15:53

Tgt Ion:252 Resp: 8817
Ion Ratio Lower Upper
252 100
253 24.3 18.6 28.0
125 7.9 5.2 7.8#





#37

Benzo(a)pyrene

Concen: 0.199 ng

RT: 23.85 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

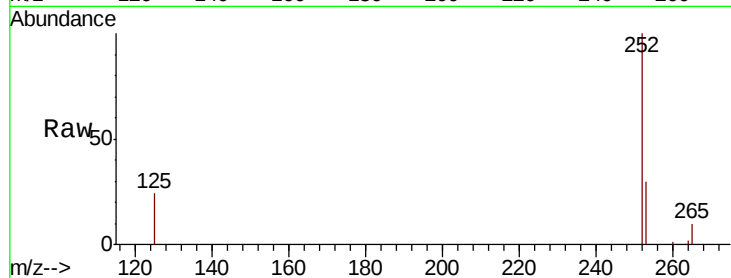
Tot Ion:252 Resp: 8954

Ion Ratio Lower Upper

252 100

253 29.6 19.0 28.6#

125 24.3 8.8 13.2#

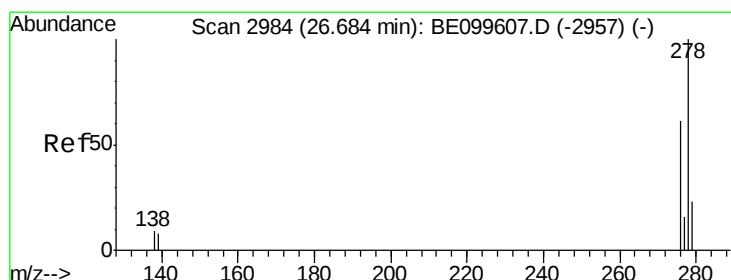
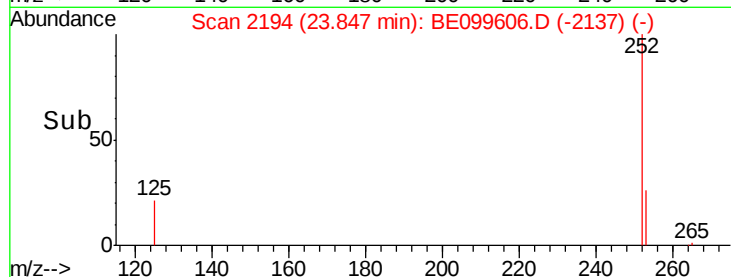
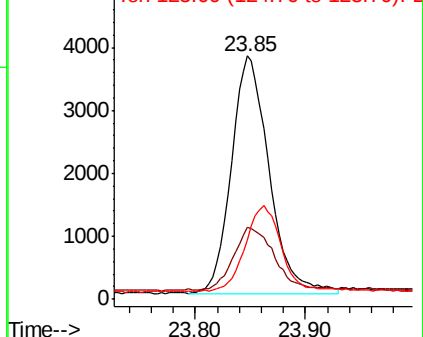


Abundance

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: 0.192 ng

RT: 26.69 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

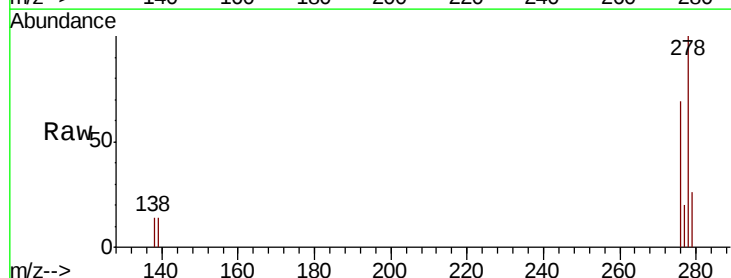
Tgt Ion:278 Resp: 9004

Ion Ratio Lower Upper

278 100

139 13.7 7.9 11.9#

279 26.3 19.5 29.3

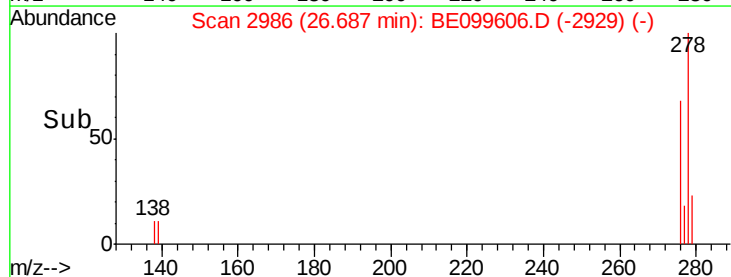
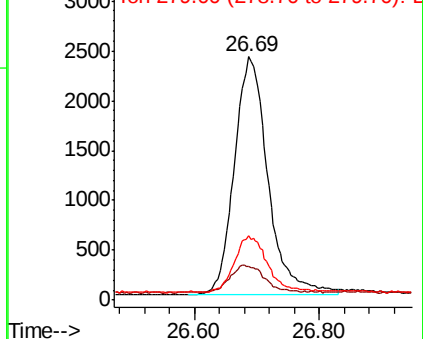


Abundance

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: 0.193 ng

RT: 27.49 min Scan# 3212

Delta R.T. 0.00 min

Lab File: BE099606.D

Acq: 14 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

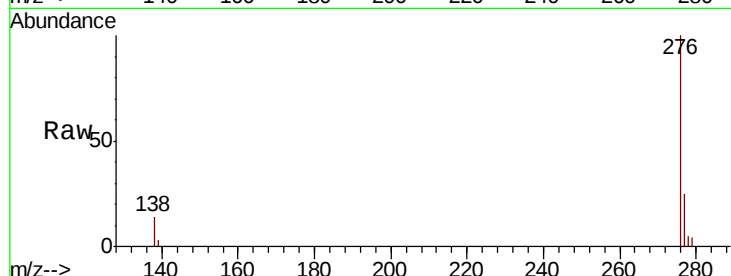
Tot Ion: 276 Resp: 9195

Ion Ratio Lower Upper

276 100

277 25.0 19.3 28.9

138 14.0 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

