

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
 Data File : BE099583.D
 Acq On : 9 May 2019 9:57
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 09 11:56:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 09 11:50:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1384	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	5154	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	3395	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	9480	0.40	ng	0.00
27) Chrysene-d12	21.43	240	13886	0.40	ng	0.00
34) Perylene-d12	23.97	264	16310	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	799	0.21	ng	0.00
5) Phenol-d6	6.98	99	1014	0.20	ng	0.00
8) Nitrobenzene-d5	8.98	82	852	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	1674	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	353	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	2573	0.20	ng	0.00
25) Fluoranthene-d10	19.27	212	23547	0.18	ng	0.00
29) Terphenyl-d14	19.87	244	4600	0.18	ng	0.00

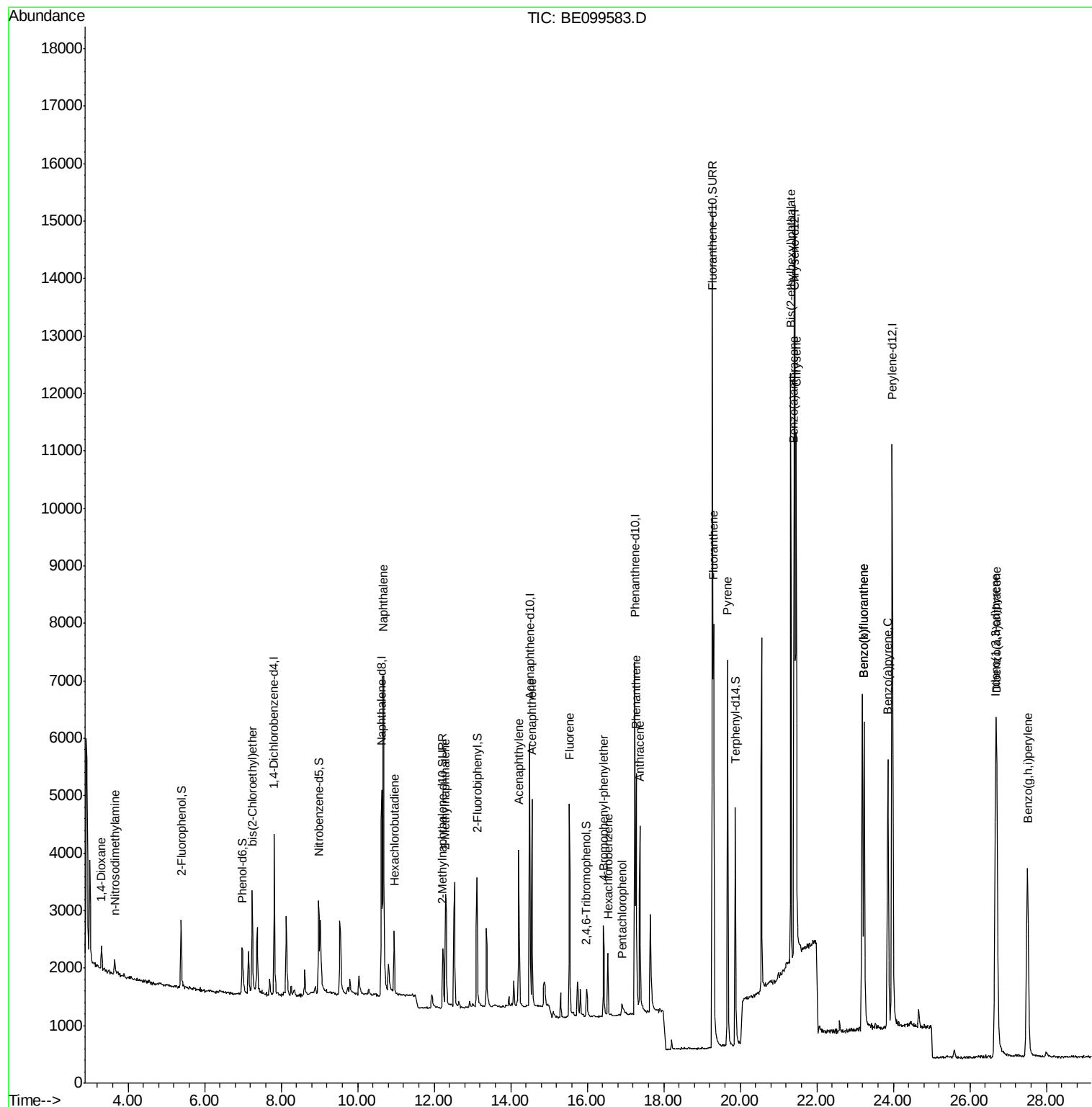
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	430	0.220	ng	# 95
3) n-Nitrosodimethylamine	3.65	42	191	0.148	ng	# 82
6) bis(2-Chloroethyl)ether	7.24	93	865	0.206	ng	87
9) Naphthalene	10.68	128	10994	0.201	ng	99
10) Hexachlorobutadiene	10.95	225	800	0.202	ng	95
12) 2-Methylnaphthalene	12.30	142	1694	0.183	ng	96
16) Acenaphthylene	14.21	152	3225	0.197	ng	100
17) Acenaphthene	14.56	154	1790	0.196	ng	100
18) Fluorene	15.53	166	2564	0.196	ng	97
20) 4-Bromophenyl-phenylether	16.42	248	1012	0.188	ng	96
21) Hexachlorobenzene	16.55	284	1058	0.197	ng	98
22) Pentachlorophenol	16.91	266	308	0.140	ng	91
23) Phenanthrene	17.28	178	4525	0.194	ng	100
24) Anthracene	17.38	178	3946	0.176	ng	99
26) Fluoranthene	19.30	202	6608	0.184	ng	100
28) Pyrene	19.67	202	6941	0.187	ng	99
30) Benzo(a)anthracene	21.40	228	8178	0.190	ng	98
31) Chrysene	21.46	228	8344	0.197	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	11772	0.173	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.67	276	11033	0.219	ng	99
35) Benzo(b)fluoranthene	23.24	252	8525	0.189	ng	98
36) Benzo(k)fluoranthene	23.24	252	8525	0.193	ng	# 97
37) Benzo(a)pyrene	23.86	252	8439	0.195	ng	# 91
38) Dibenzo(a,h)anthracene	26.70	278	8839	0.197	ng	# 95
39) Benzo(g,h,i)perylene	27.50	276	9133	0.203	ng	97

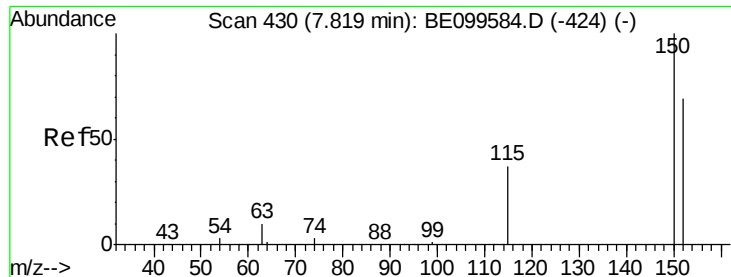
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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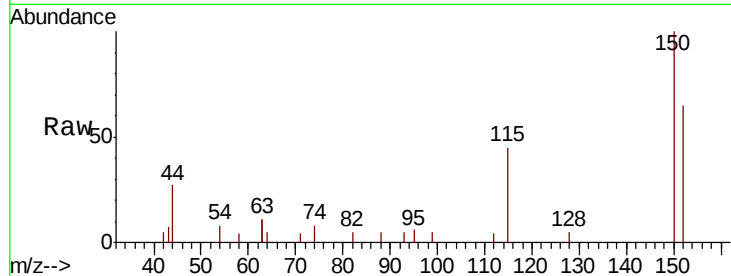


#1

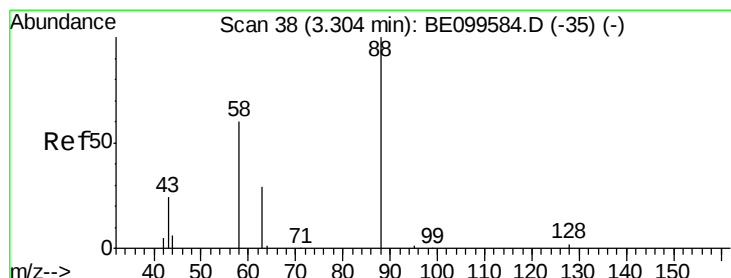
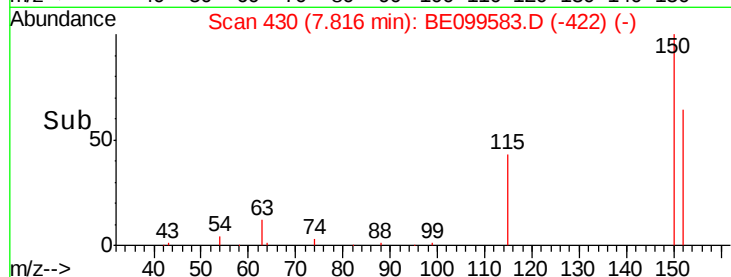
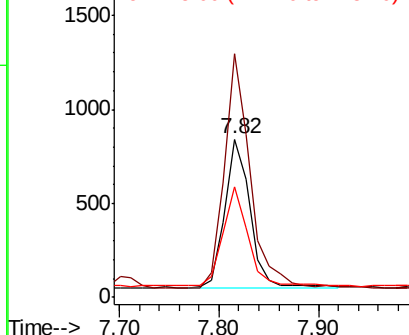
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1384
Ion Ratio Lower Upper
152 100
150 154.3 114.2 171.4
115 70.0 45.4 68.0#



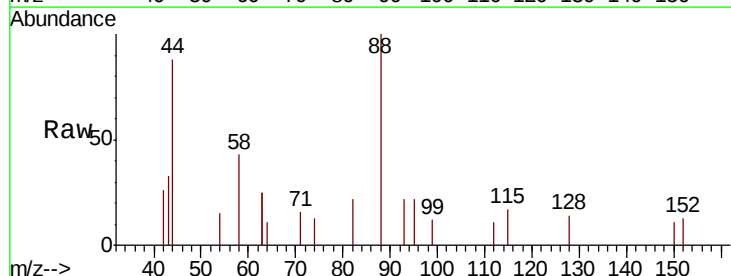
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



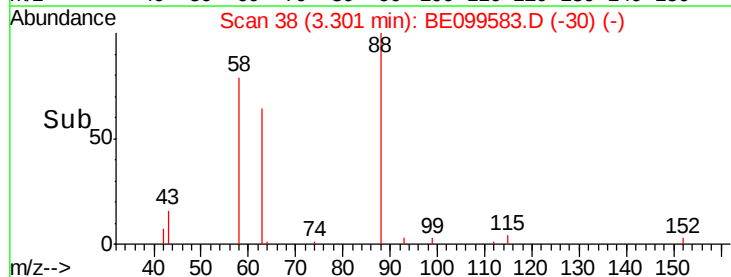
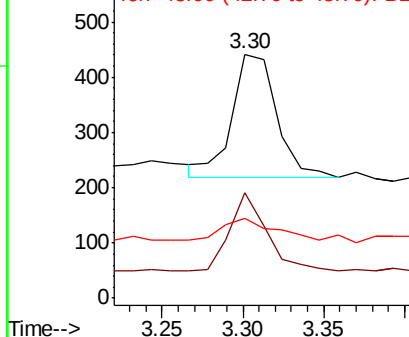
#2

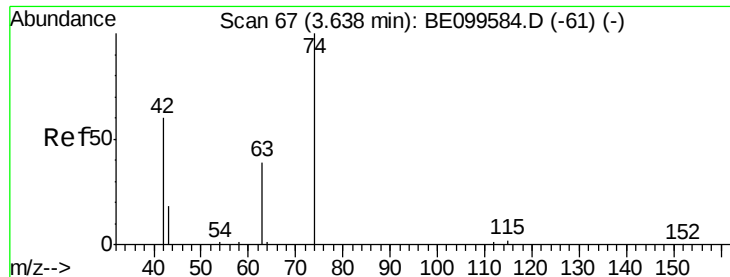
1,4-Dioxane
Concen: 0.220 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion: 88 Resp: 430
Ion Ratio Lower Upper
88 100
58 51.9 41.3 61.9
43 19.5 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



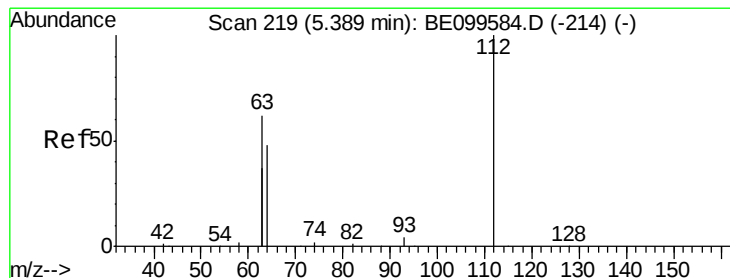
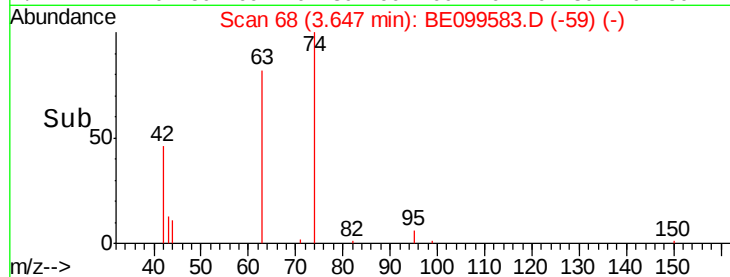
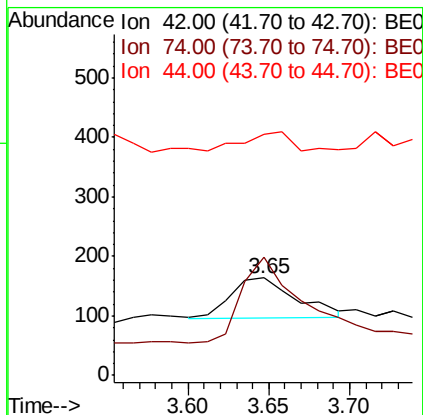
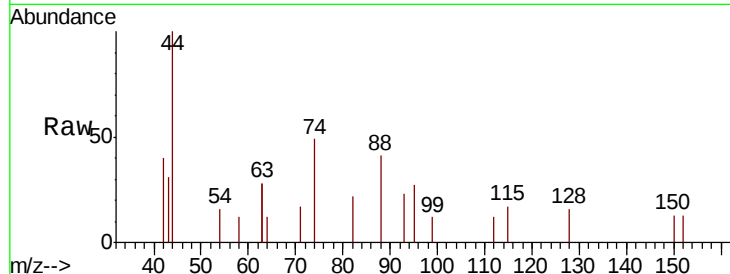


#3

n-Nitrosodimethylamine
 Concen: 0.148 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.01 min
 Lab File: BE099583.D
 Acq: 9 May 2019 9:57

Instrument :
 BNA_E
 ClientSampled :

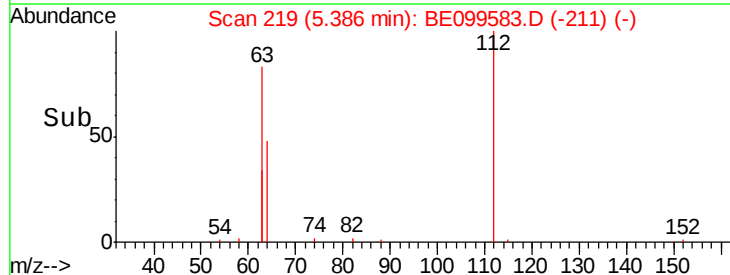
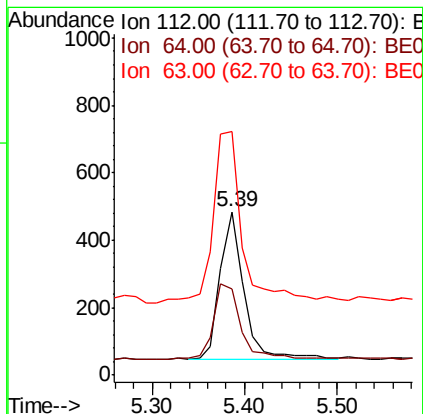
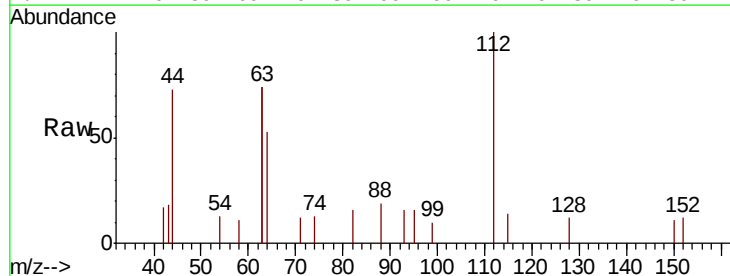
Tot Ion: 42 Resp: 191
 Ion Ratio Lower Upper
 42 100
 74 193.2 136.9 205.3
 44 26.2 7.1 10.7#

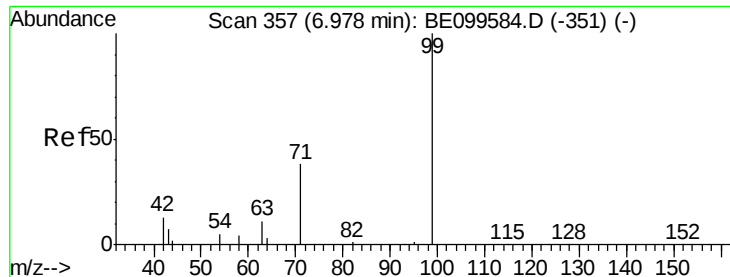


#4

2-Fluorophenol
 Concen: 0.208 ng
 RT: 5.39 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: BE099583.D
 Acq: 9 May 2019 9:57

Tgt Ion: 112 Resp: 799
 Ion Ratio Lower Upper
 112 100
 64 56.3 46.2 69.4
 63 141.8 100.2 150.4





#5

Phenol-d6

Concen: 0.201 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

Instrument :

BNA_E

ClientSampleId :

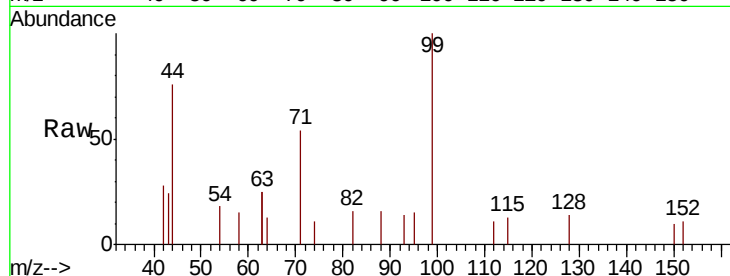
Tot Ion: 99 Resp: 1014

Ion Ratio Lower Upper

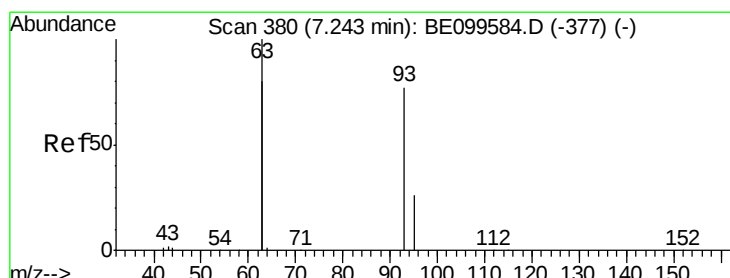
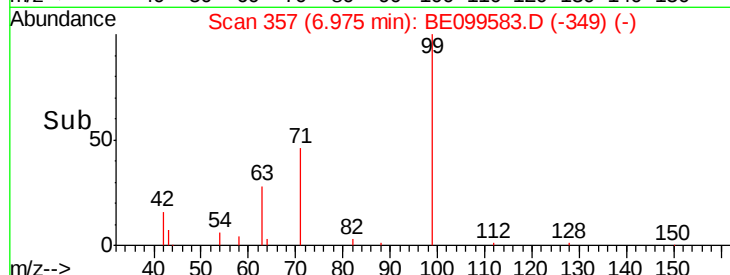
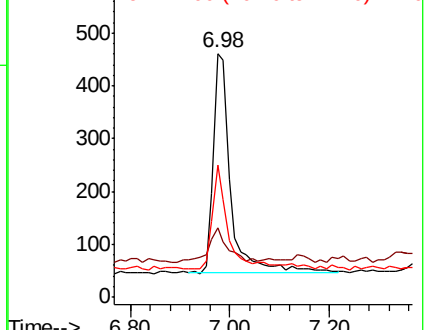
99 100

42 16.5 13.8 20.8

71 41.6 32.2 48.4



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: 0.206 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

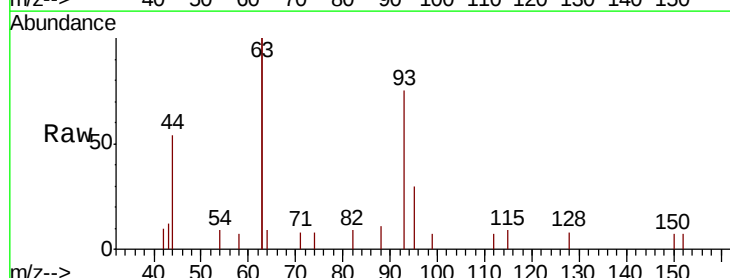
Tgt Ion: 93 Resp: 865

Ion Ratio Lower Upper

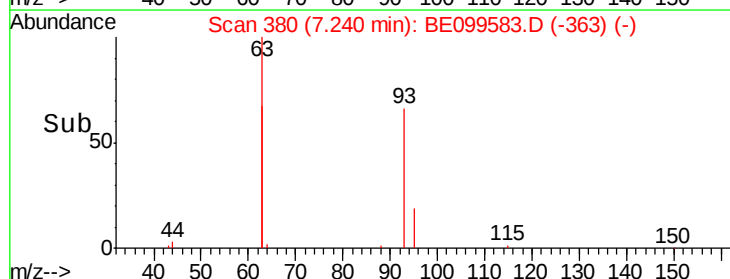
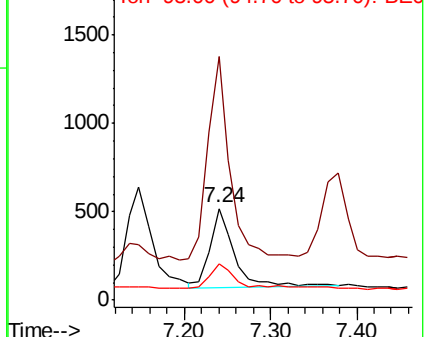
93 100

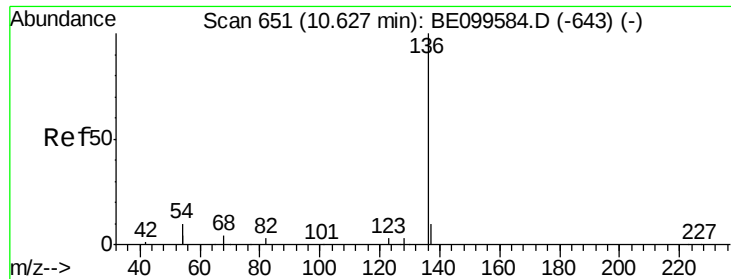
63 240.3 213.4 320.0

95 33.3 24.9 37.3



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. 0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5154

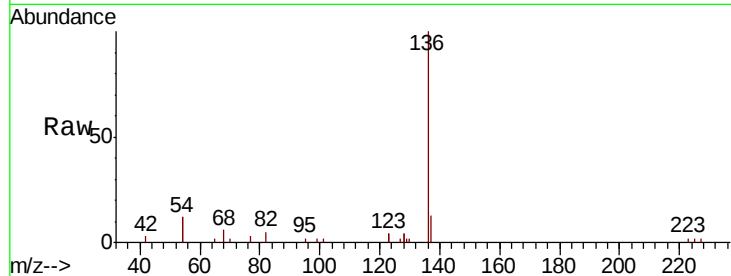
Ion Ratio Lower Upper

136 100

137 13.1 9.1 13.7

54 23.6 16.5 24.7

68 5.9 4.5 6.7

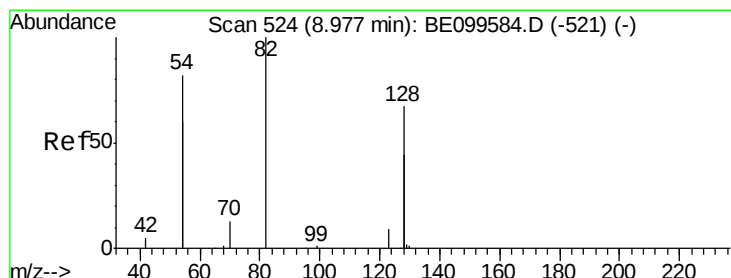
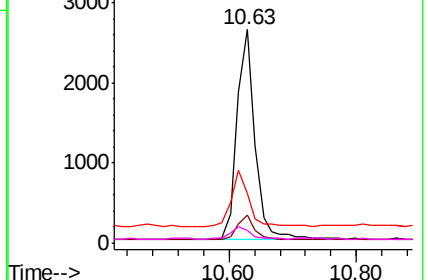
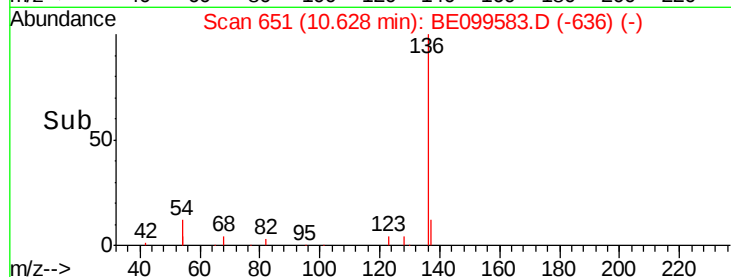


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.172 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

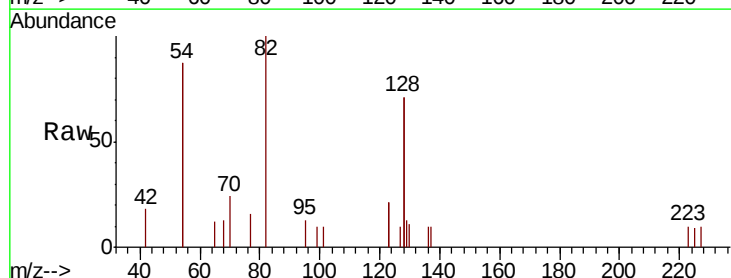
Tgt Ion: 82 Resp: 852

Ion Ratio Lower Upper

82 100

128 141.0 101.5 152.3

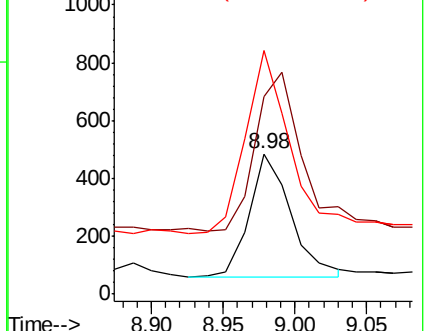
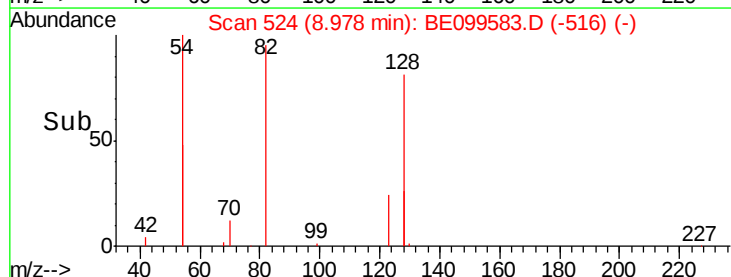
54 173.6 123.8 185.6

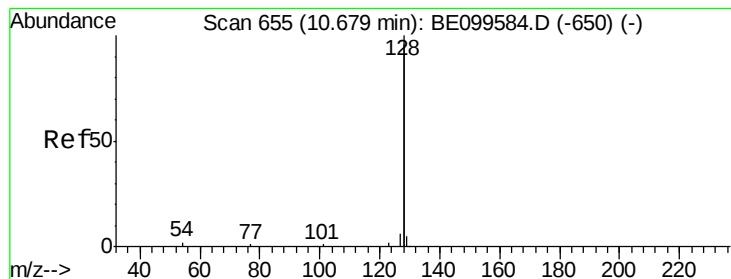


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.201 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

Instrument :

BNA_E

ClientSampleId :

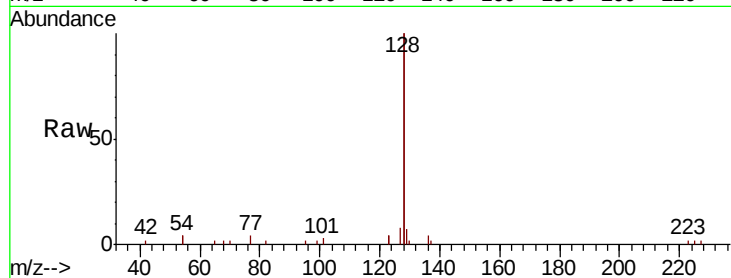
Tot Ion:128 Resp: 10994

Ion Ratio Lower Upper

128 100

129 3.5 2.4 3.6

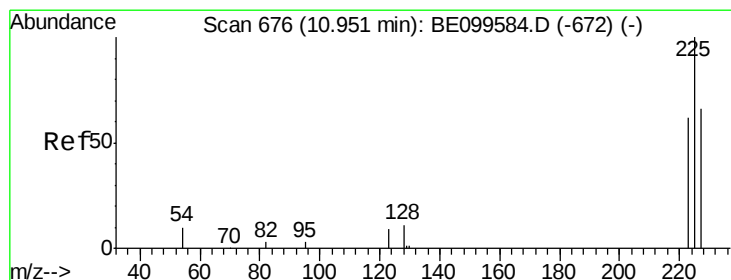
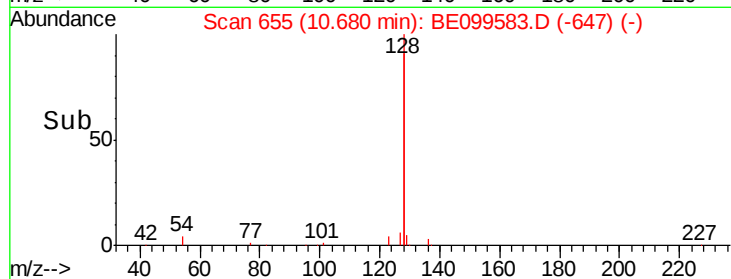
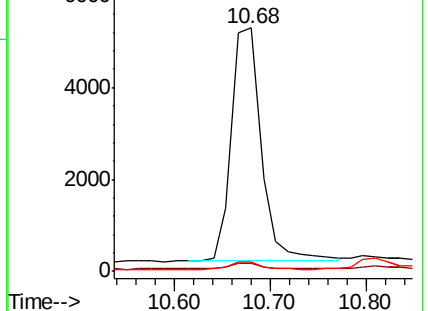
127 3.9 2.8 4.2



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: 0.202 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

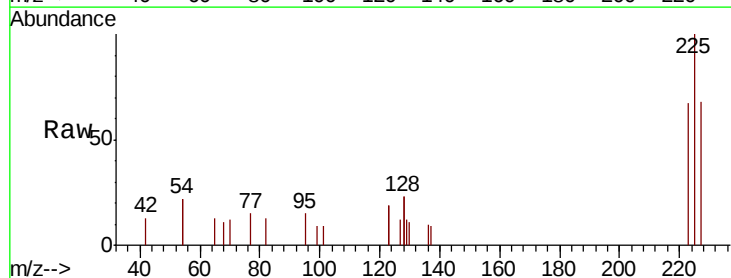
Tgt Ion:225 Resp: 800

Ion Ratio Lower Upper

225 100

223 65.6 49.6 74.4

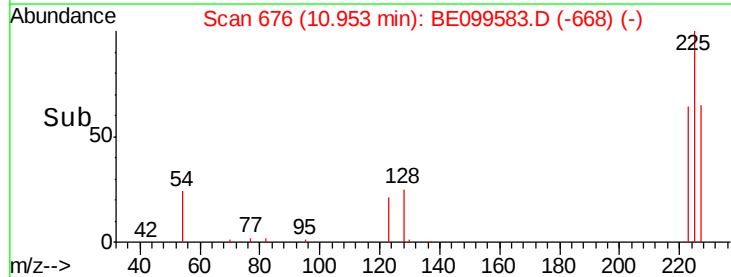
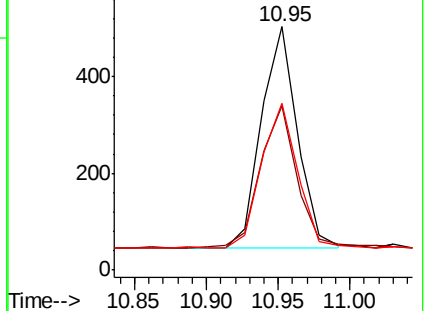
227 66.5 50.1 75.1

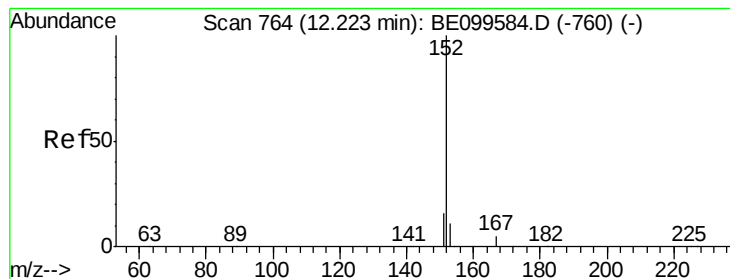


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.186 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

Instrument :

BNA_E

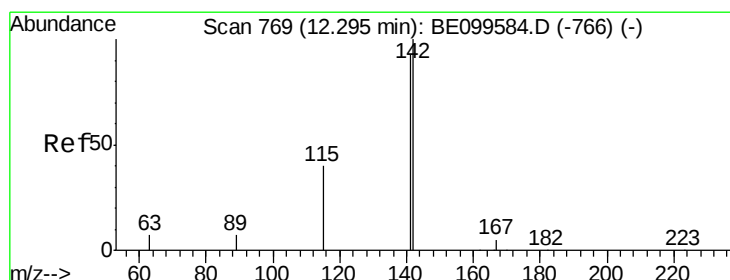
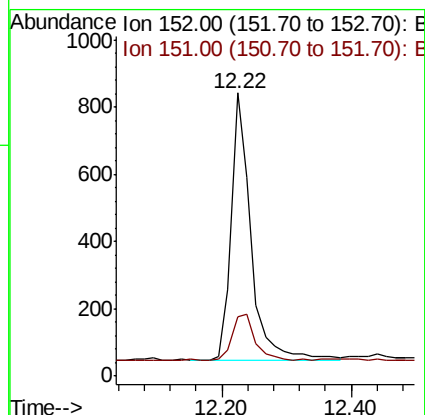
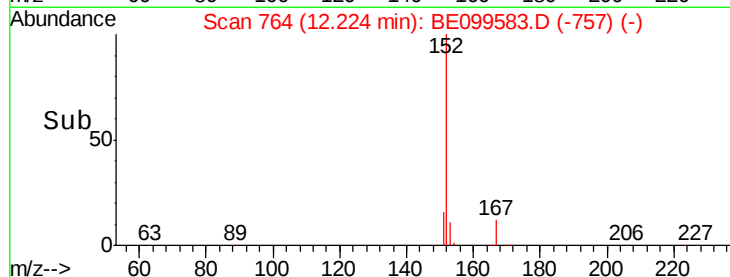
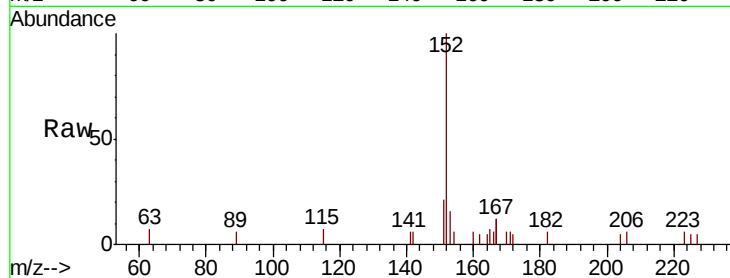
ClientSampled :

Tot Ion:152 Resp: 1674

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2



#12

2-Methylnaphthalene

Concen: 0.183 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

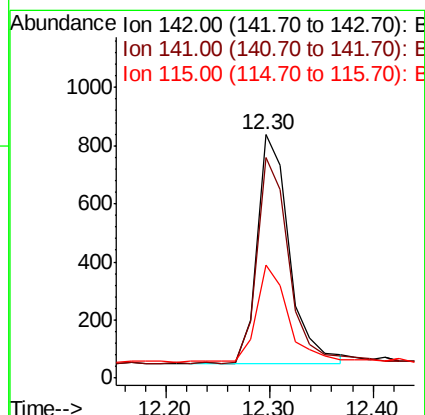
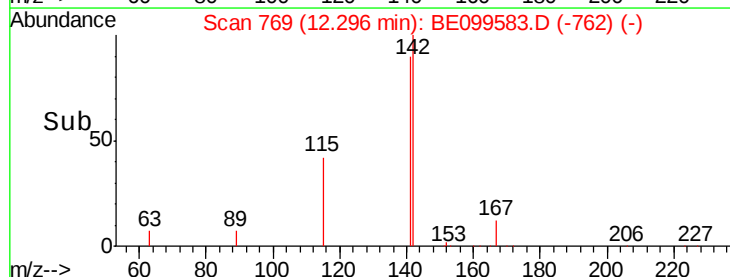
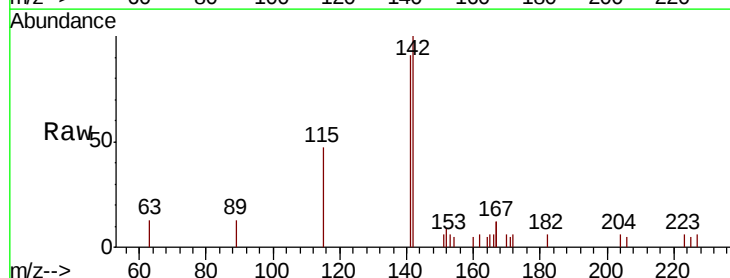
Tgt Ion:142 Resp: 1694

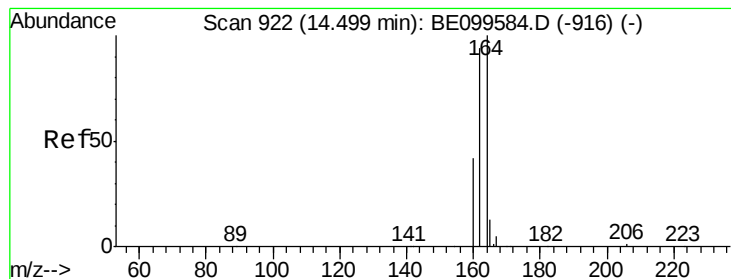
Ion Ratio Lower Upper

142 100

141 90.7 75.0 112.4

115 46.7 33.7 50.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

Instrument :

BNA_E

ClientSampleId :

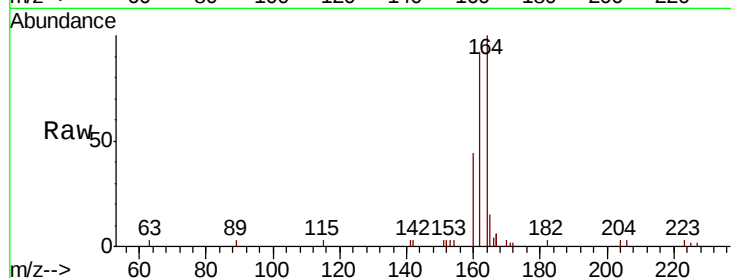
Tot Ion:164 Resp: 3395

Ion Ratio Lower Upper

164 100

162 92.3 75.3 112.9

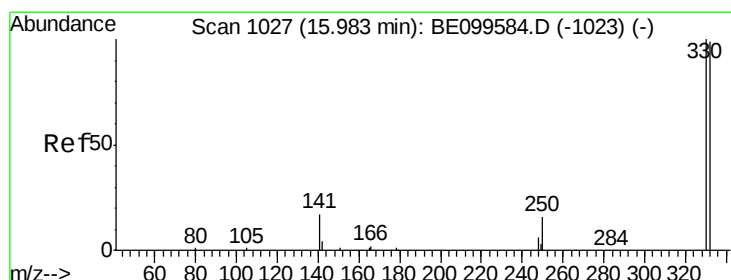
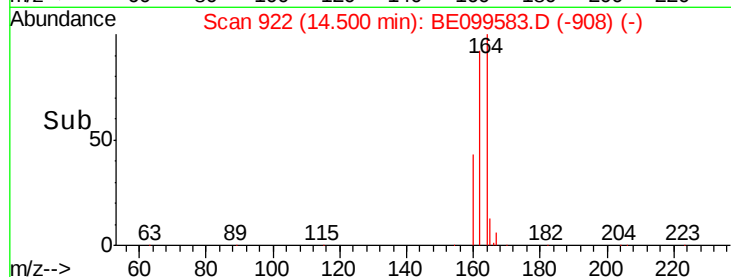
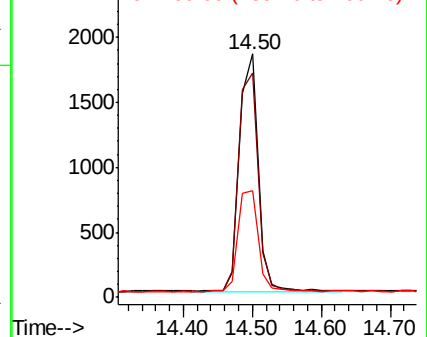
160 43.9 34.7 52.1



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: 0.156 ng

RT: 15.98 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

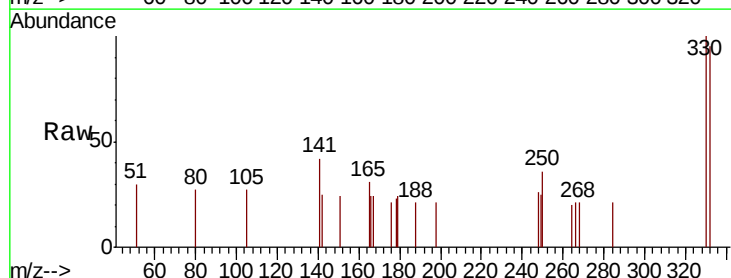
Tgt Ion:330 Resp: 353

Ion Ratio Lower Upper

330 100

332 94.9 78.7 118.1

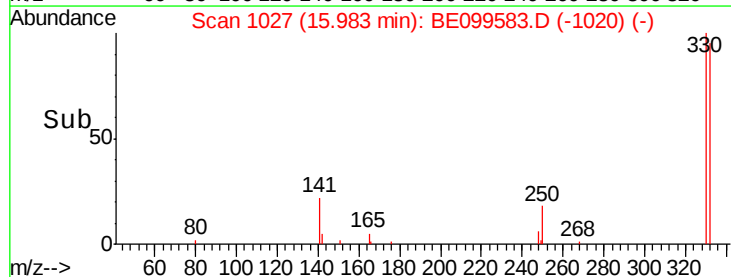
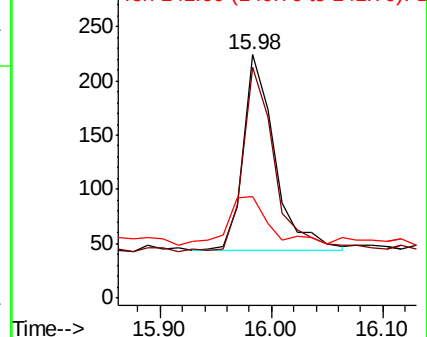
141 34.8 22.3 33.5#

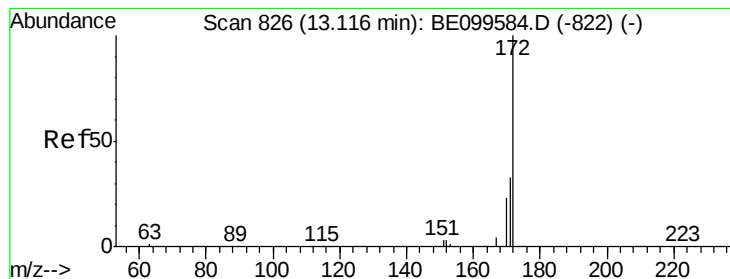


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

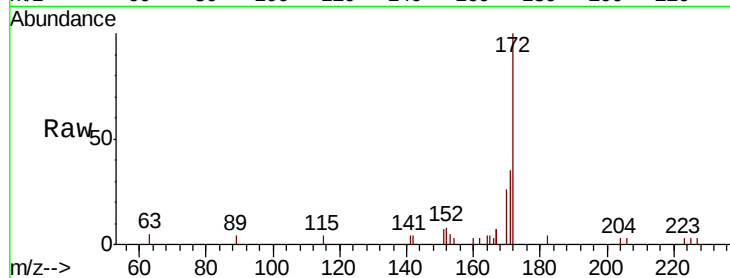




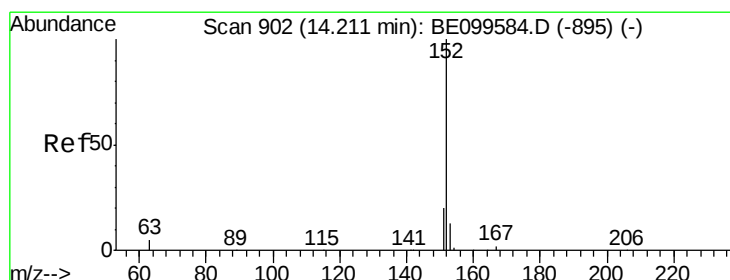
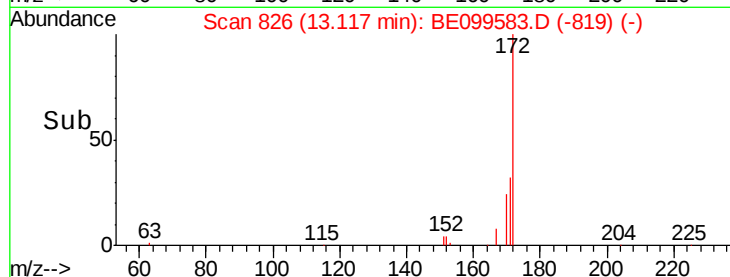
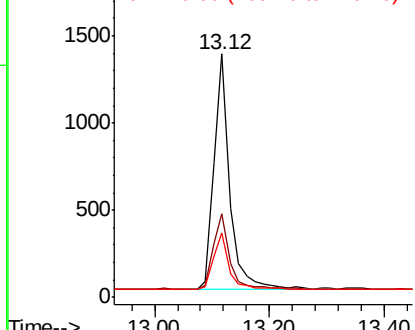
#15
2-Fluorobiphenyl
Concen: 0.200 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2573
Ion Ratio Lower Upper
172 100
171 34.5 27.5 41.3
170 26.5 19.1 28.7

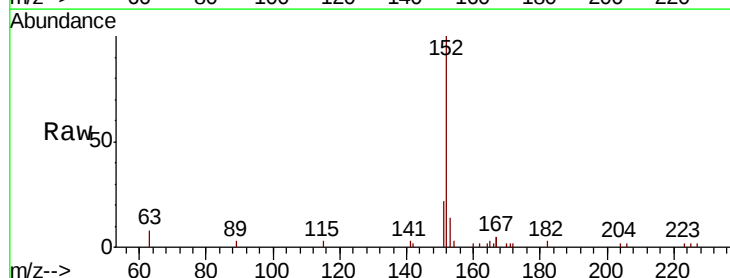


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

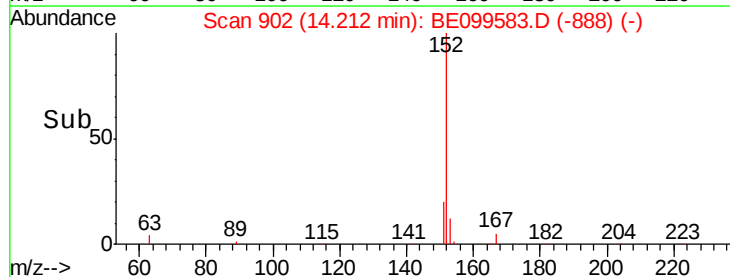
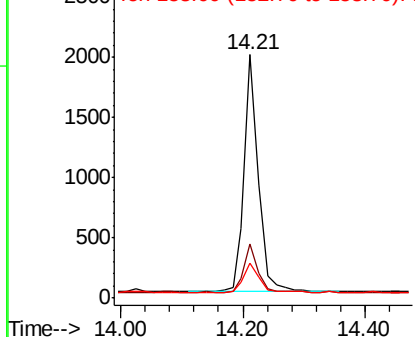


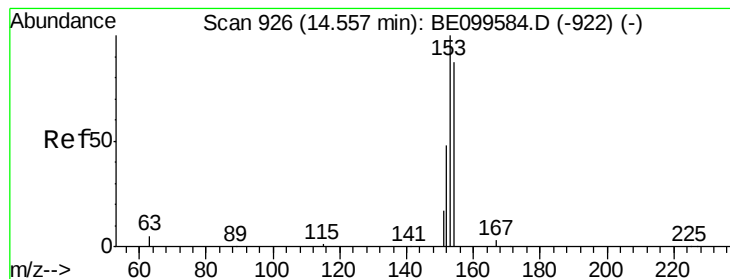
#16
Acenaphthylene
Concen: 0.197 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:152 Resp: 3225
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 12.8 10.2 15.4



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: 0.196 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

Instrument :

BNA_E

ClientSampleId :

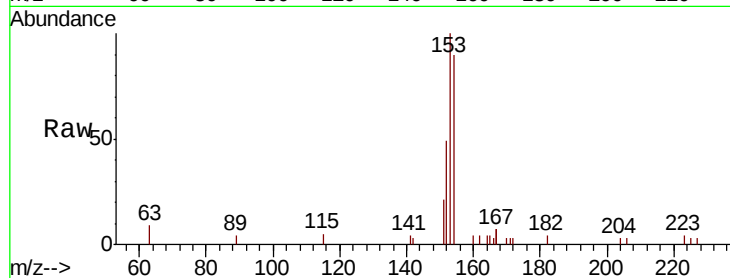
Tot Ion:154 Resp: 1790

Ion Ratio Lower Upper

154 100

153 115.9 92.9 139.3

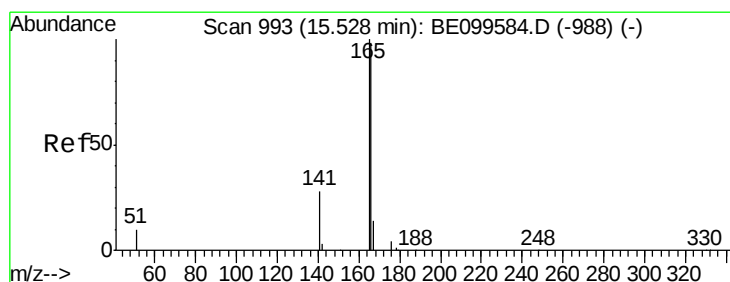
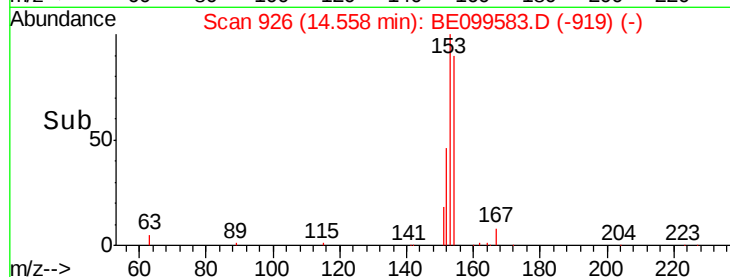
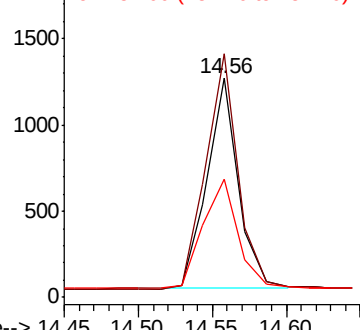
152 58.4 46.3 69.5



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: 0.196 ng

RT: 15.53 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

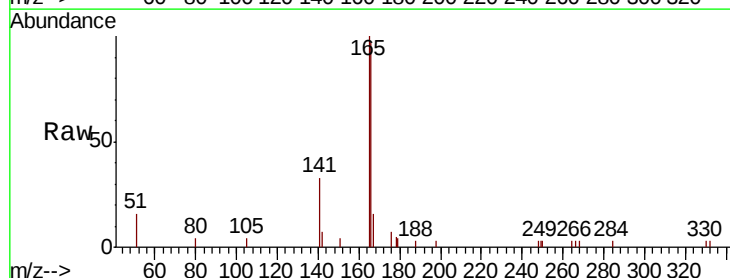
Tgt Ion:166 Resp: 2564

Ion Ratio Lower Upper

166 100

165 98.1 80.5 120.7

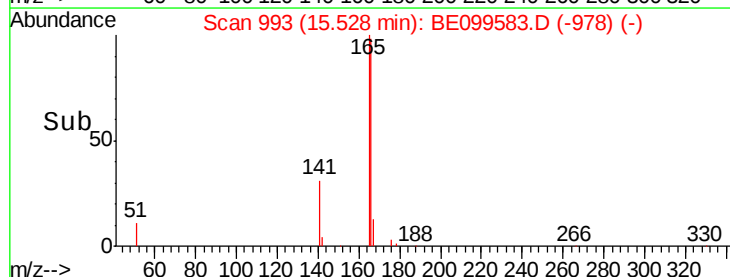
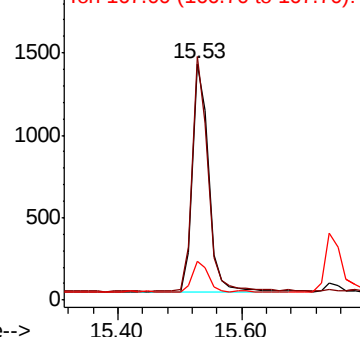
167 13.5 11.6 17.4

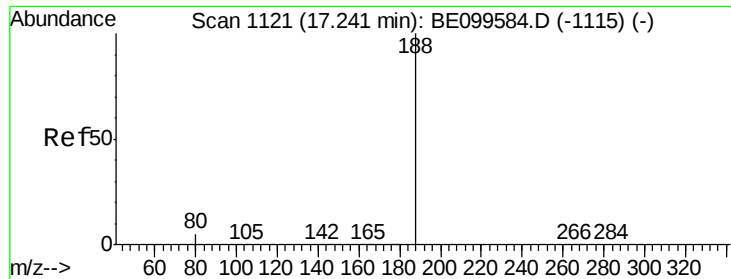


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

Instrument :

BNA_E

ClientSampleId :

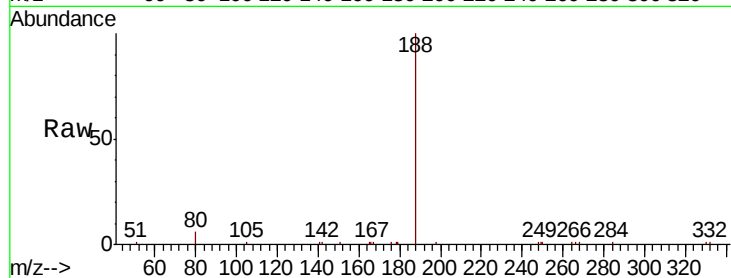
Tot Ion:188 Resp: 9480

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

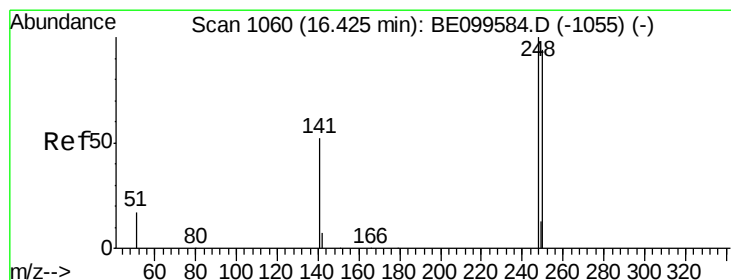
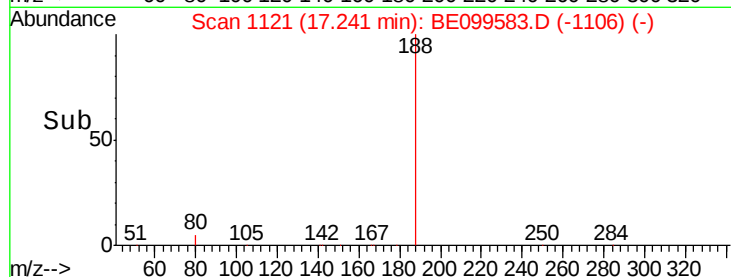
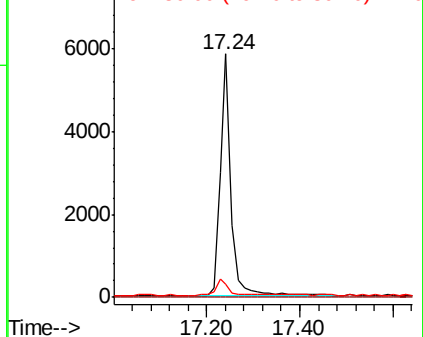
80 5.5 4.4 6.6



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: 0.188 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

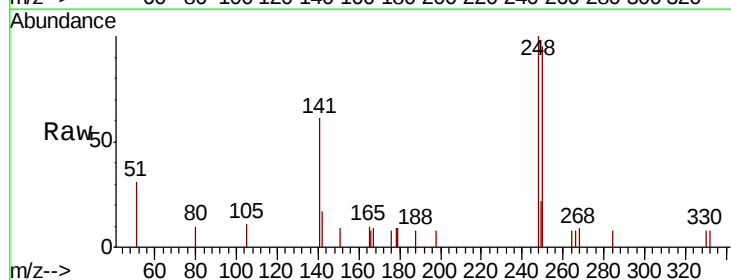
Tgt Ion:248 Resp: 1012

Ion Ratio Lower Upper

248 100

250 94.7 75.7 113.5

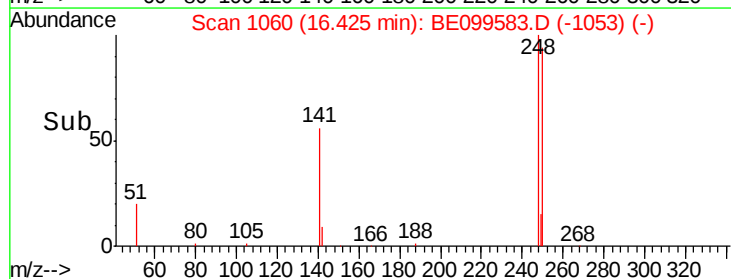
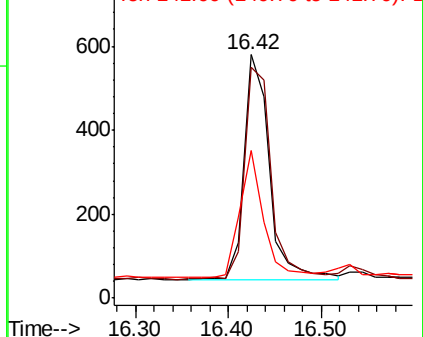
141 60.9 42.9 64.3

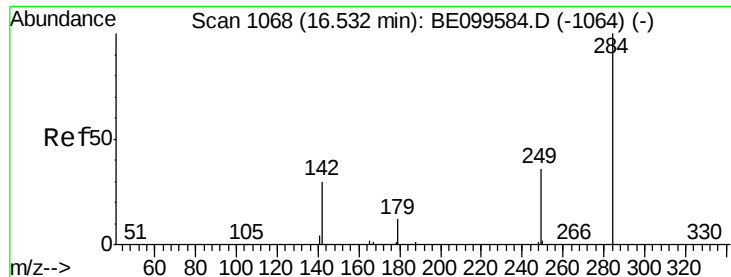


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

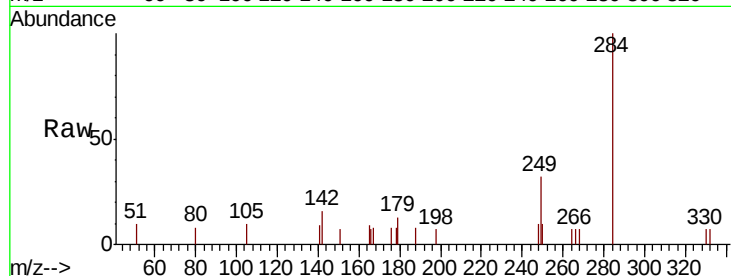




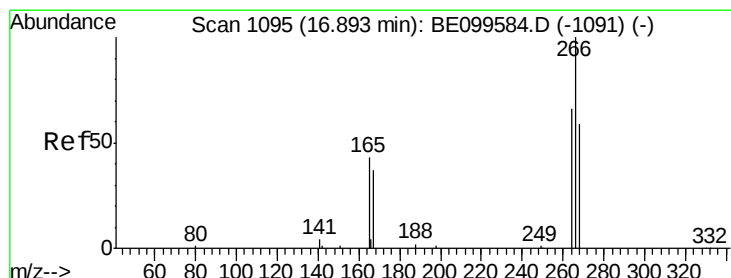
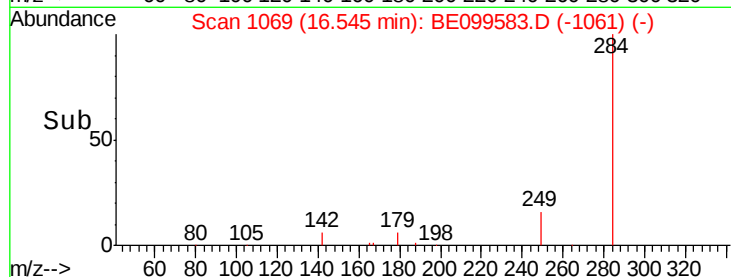
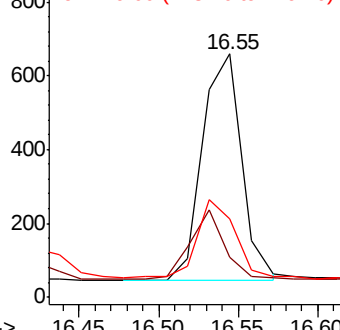
#21
Hexachlorobenzene
Concen: 0.197 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.01 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.8	20.6	30.8
249	33.5	25.8	38.6

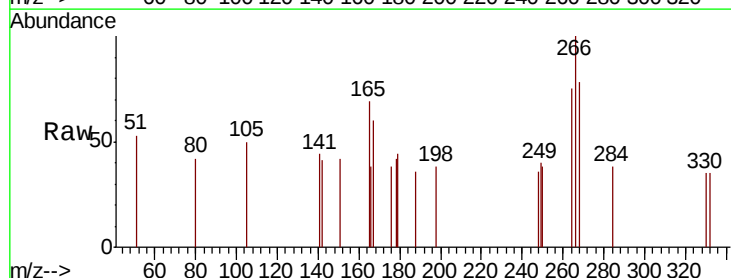


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

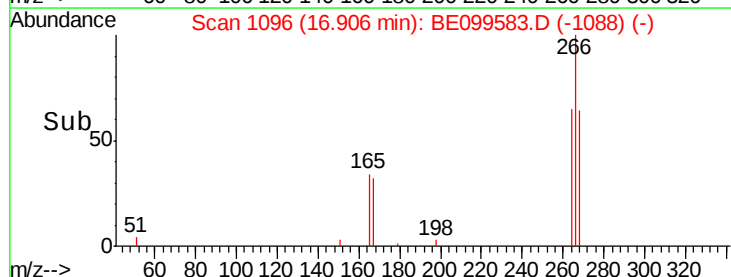
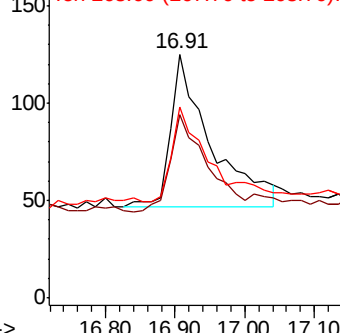


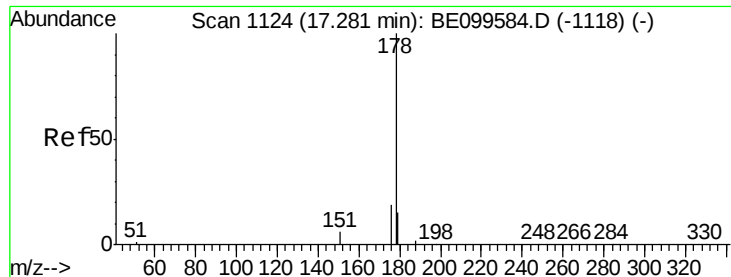
#22
Pentachlorophenol
Concen: 0.140 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion	Ratio	Lower	Upper
266	100		
264	75.2	57.3	85.9
268	78.4	53.5	80.3



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: 0.194 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

Instrument :

BNA_E

ClientSampleId :

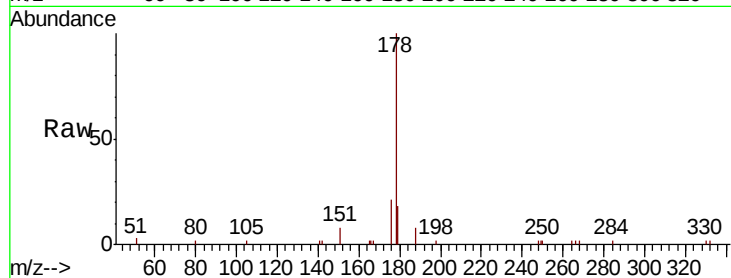
Tot Ion:178 Resp: 4525

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.6

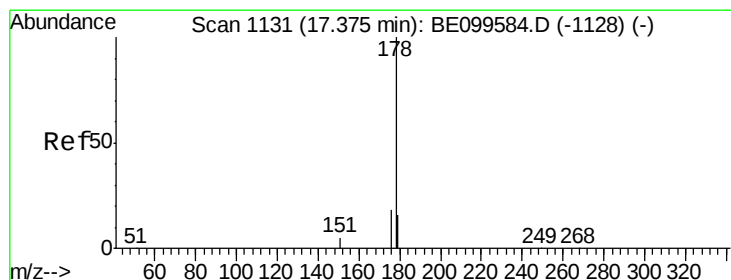
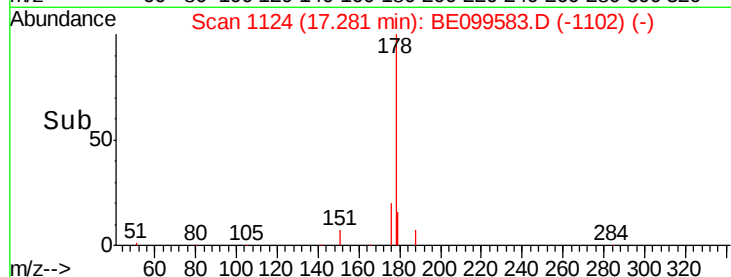
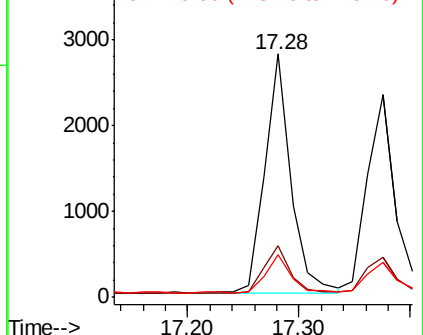
179 15.2 12.2 18.2



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: 0.176 ng

RT: 17.38 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

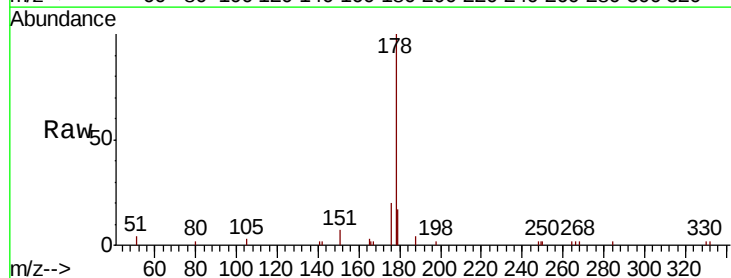
Tgt Ion:178 Resp: 3946

Ion Ratio Lower Upper

178 100

176 19.2 14.8 22.2

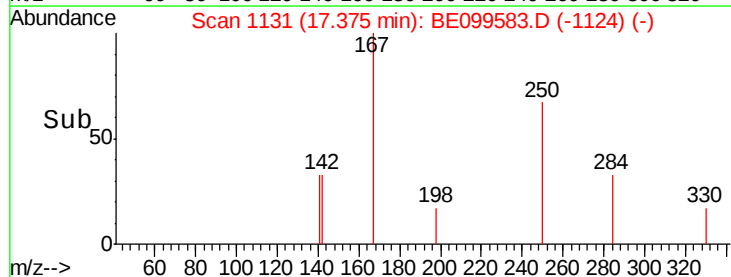
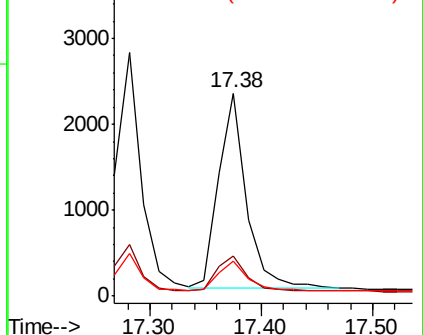
179 15.5 12.3 18.5

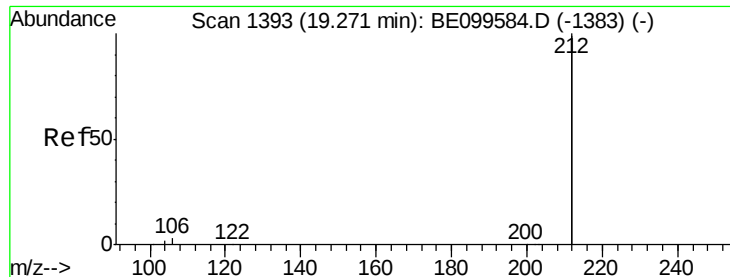


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.184 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

Instrument :

BNA_E

ClientSampleId :

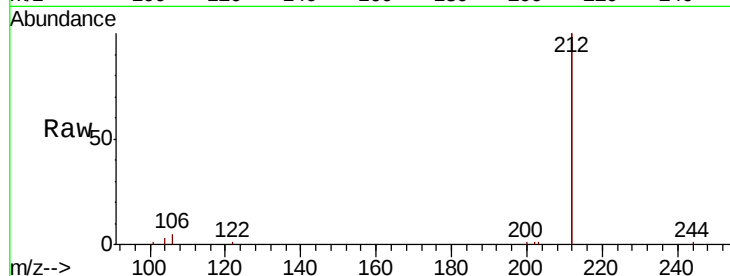
Tot Ion:212 Resp: 23547

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

104 1.0 0.9 1.3

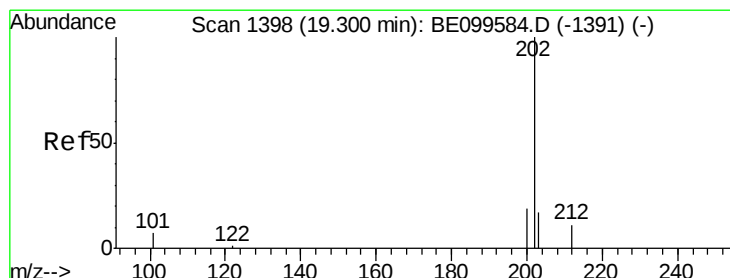
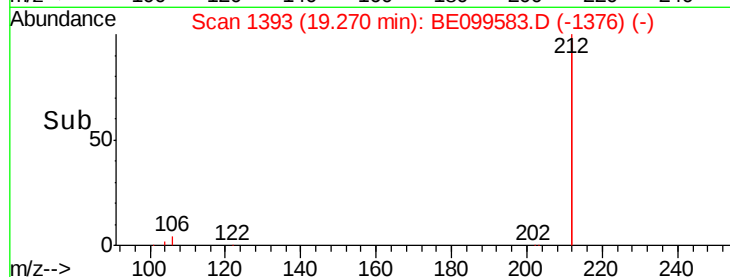
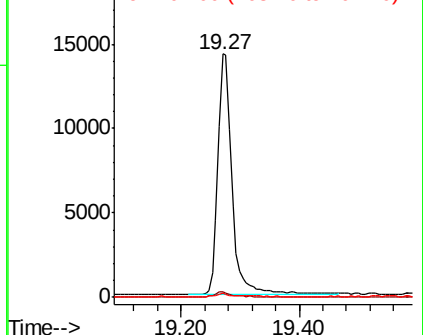


Abundance

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: 0.184 ng

RT: 19.30 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

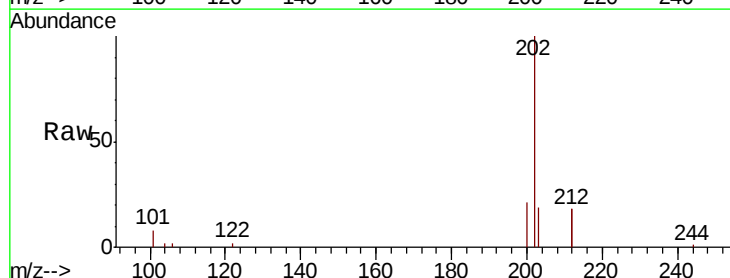
Tgt Ion:202 Resp: 6608

Ion Ratio Lower Upper

202 100

101 6.7 5.4 8.2

203 17.1 13.7 20.5

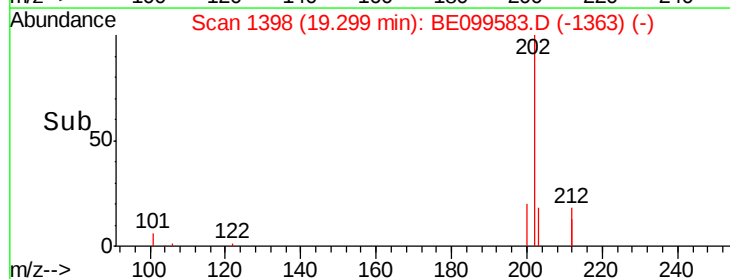
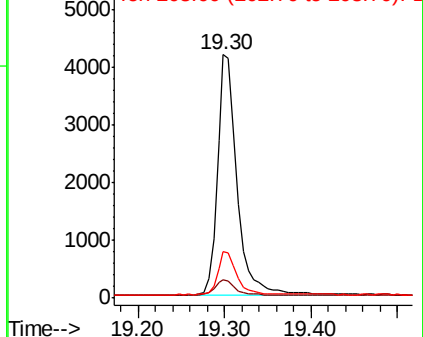


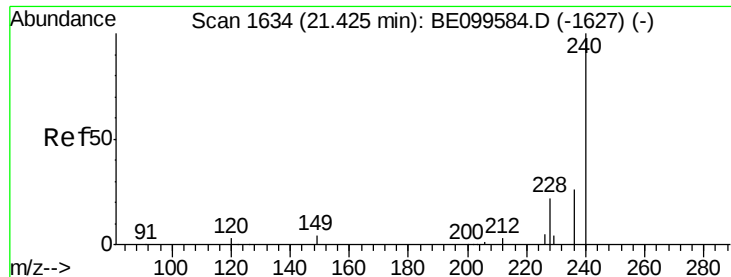
Abundance

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

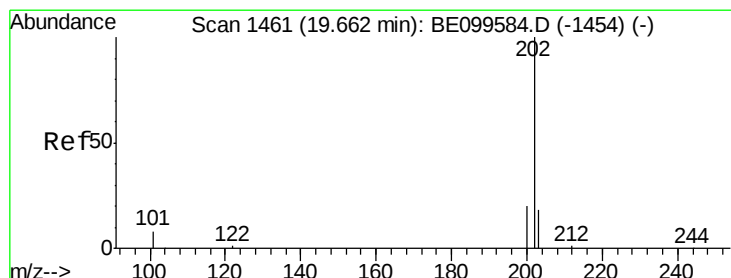
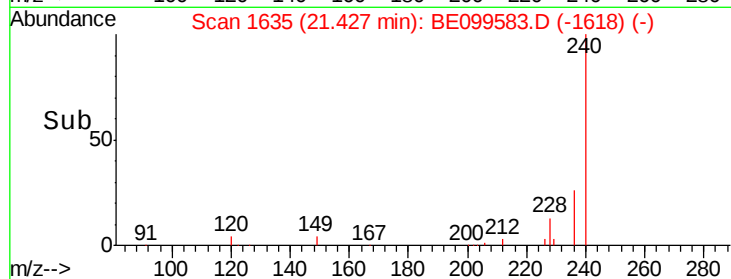
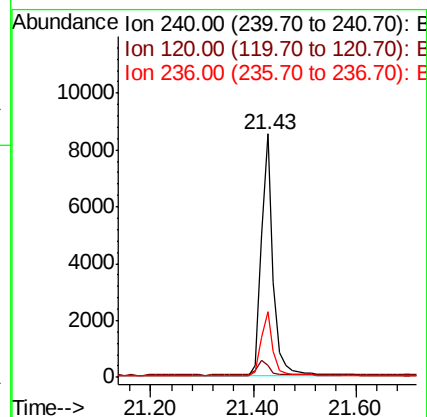
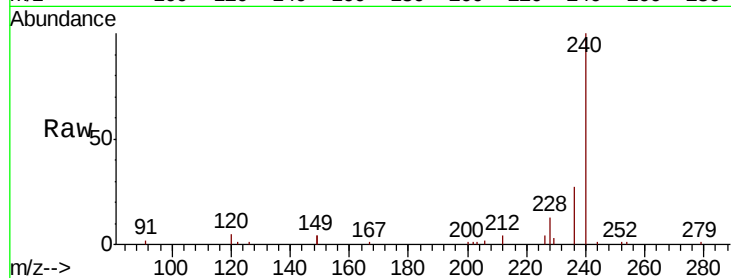




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

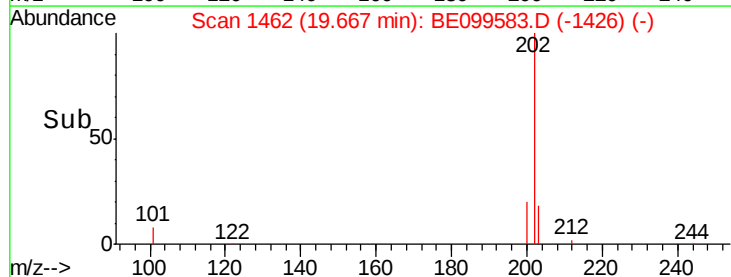
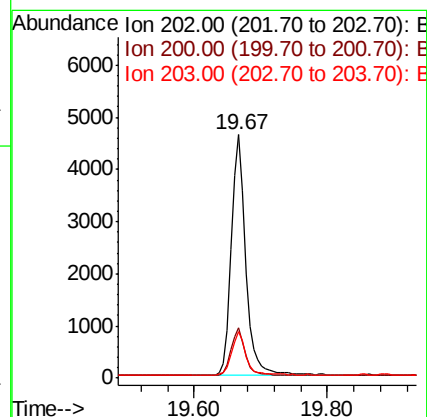
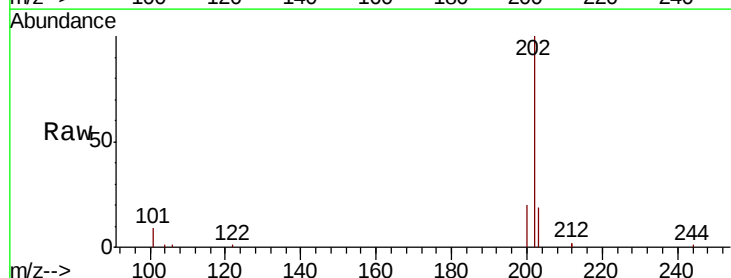
Instrument :
BNA_E
ClientSampleId :

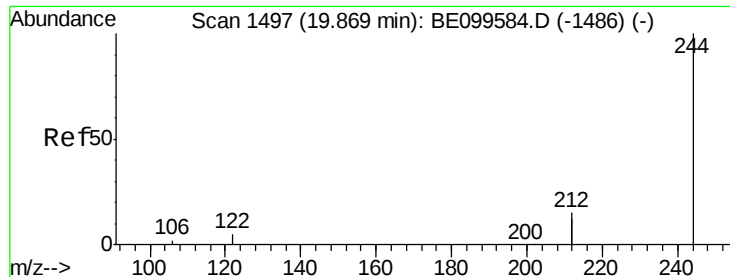
Tot Ion:240 Resp: 13886
Ion Ratio Lower Upper
240 100
120 4.8 3.2 4.8
236 26.9 21.0 31.6



#28
Pyrene
Concen: 0.187 ng
RT: 19.67 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:202 Resp: 6941
Ion Ratio Lower Upper
202 100
200 19.4 15.9 23.9
203 17.8 14.1 21.1





#29

Terphenyl-d14

Concen: 0.179 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

Instrument :

BNA_E

ClientSampleId :

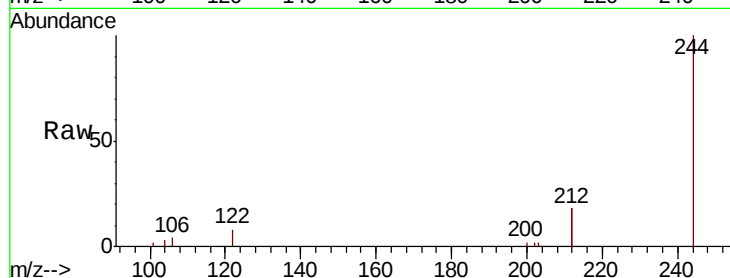
Tot Ion:244 Resp: 4600

Ion Ratio Lower Upper

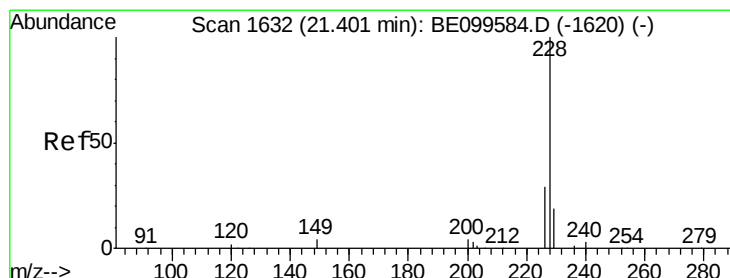
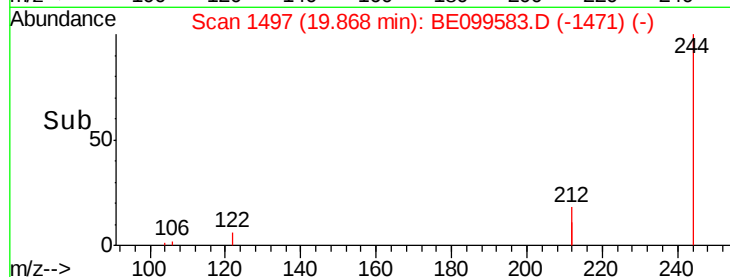
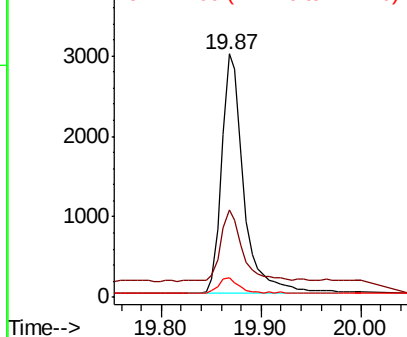
244 100

212 35.9 24.4 36.6

122 7.9 4.6 6.8#



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: 0.190 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

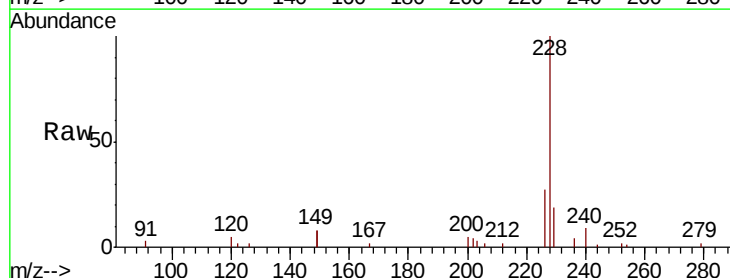
Tgt Ion:228 Resp: 8178

Ion Ratio Lower Upper

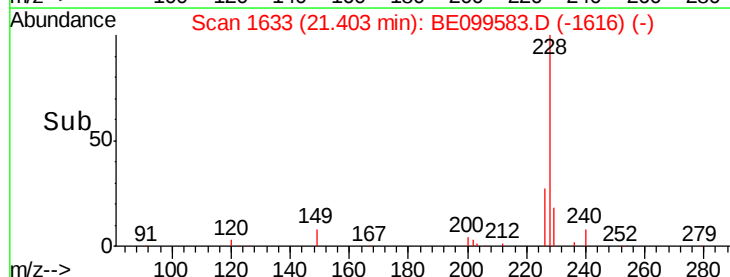
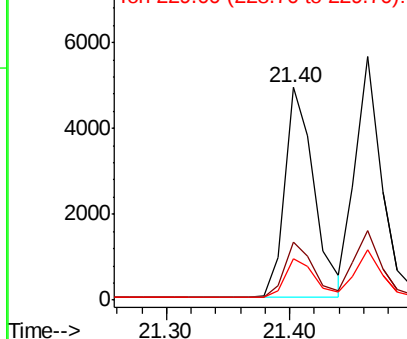
228 100

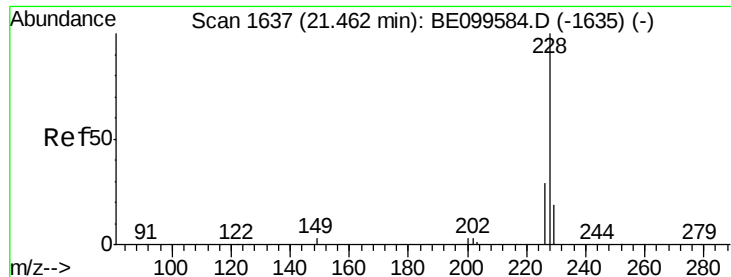
226 27.4 23.3 34.9

229 19.4 15.5 23.3



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: 0.197 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

Instrument :

BNA_E

ClientSampleId :

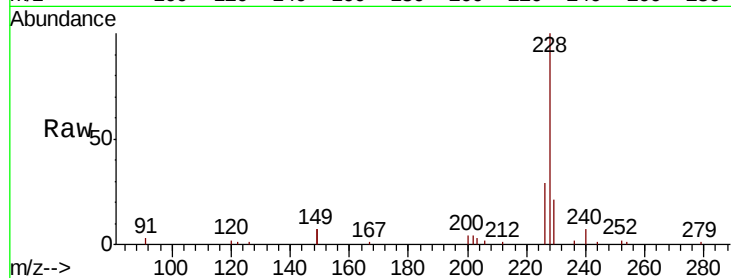
Tot Ion:228 Resp: 8344

Ion Ratio Lower Upper

228 100

226 28.7 23.2 34.8

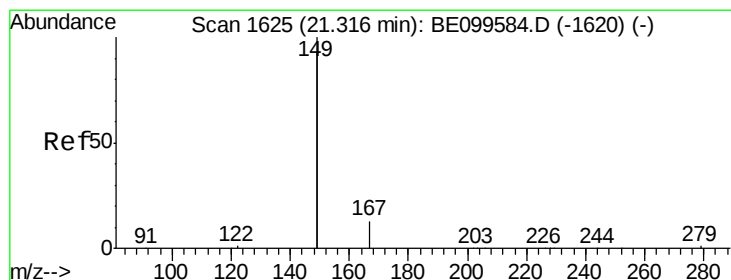
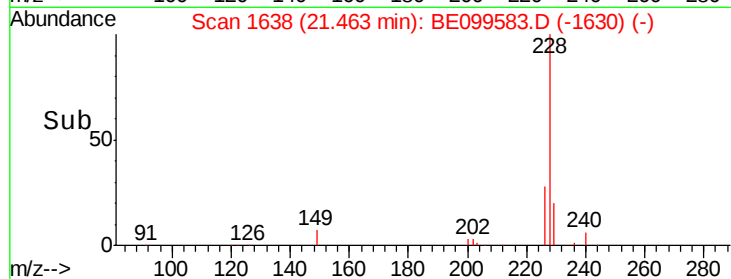
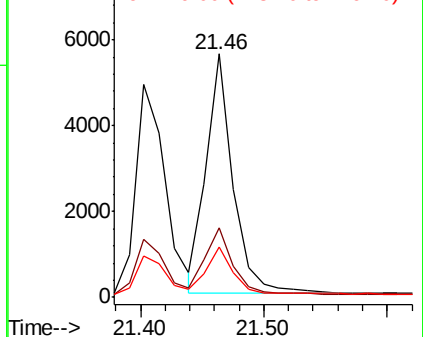
229 20.6 15.6 23.4



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: 0.173 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

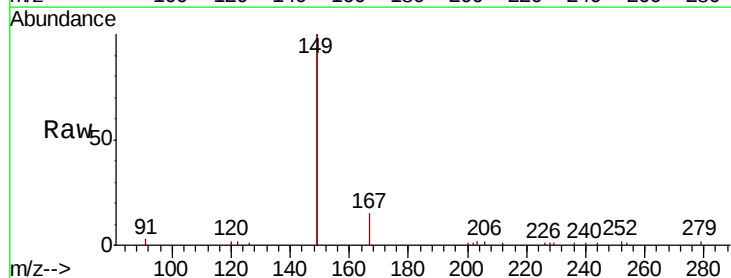
Tgt Ion:149 Resp: 11772

Ion Ratio Lower Upper

149 100

167 7.6 6.0 9.0

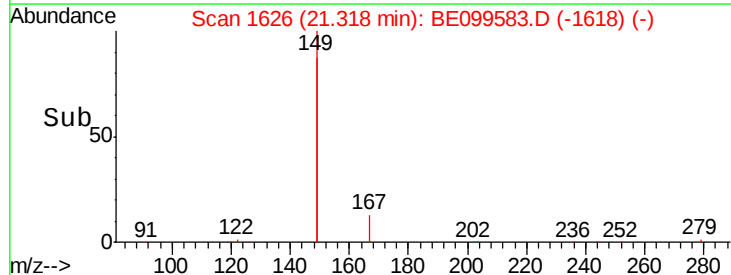
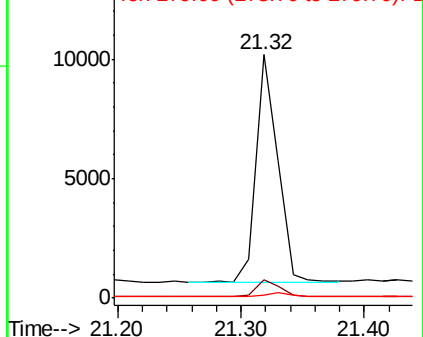
279 1.7 1.1 1.7#

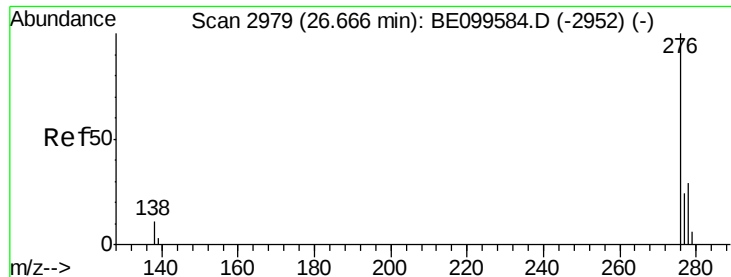


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

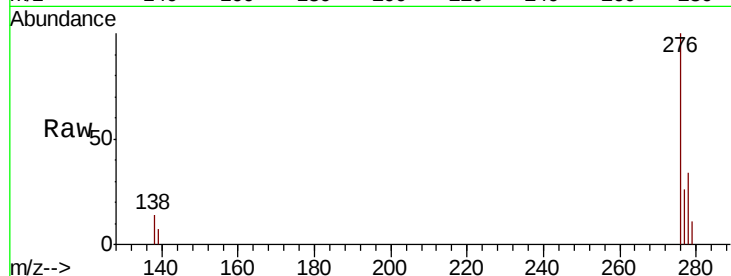




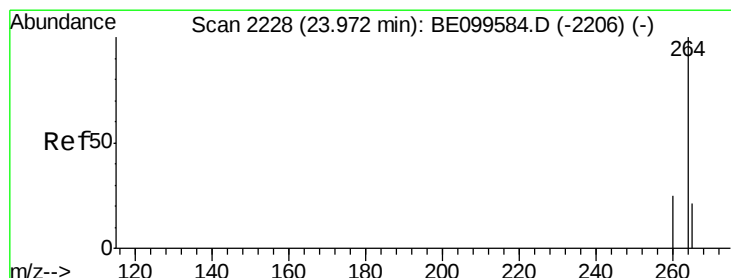
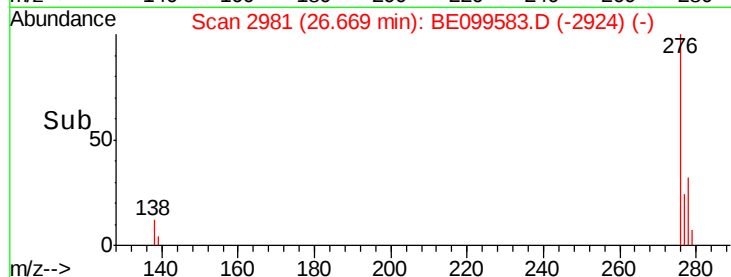
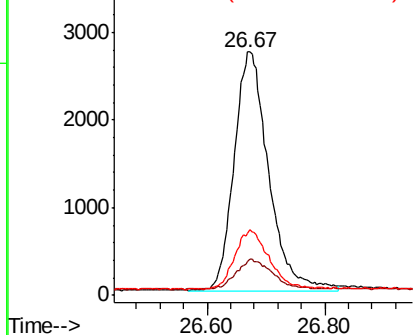
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.219 ng
 RT: 26.67 min Scan# 2981
 Delta R.T. 0.00 min
 Lab File: BE099583.D
 Acq: 9 May 2019 9:57

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 11033
 Ion Ratio Lower Upper
 276 100
 138 13.2 10.2 15.2
 277 24.7 19.8 29.8

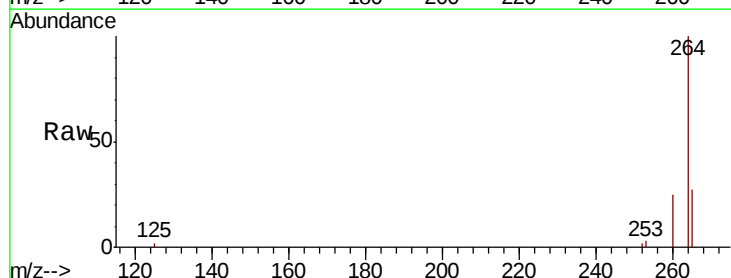


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

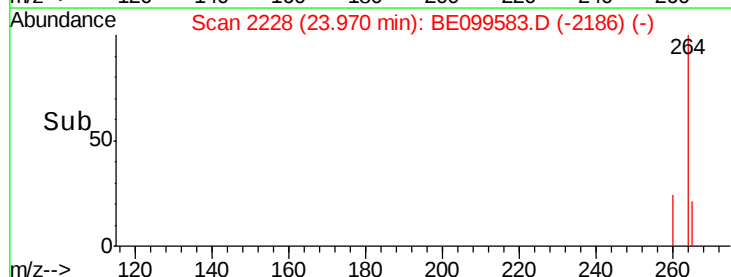
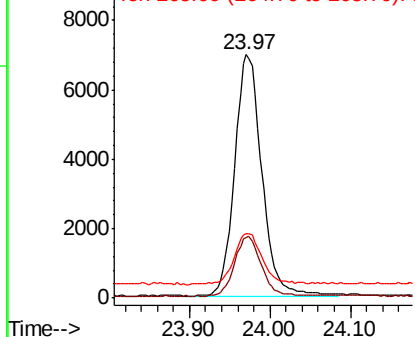


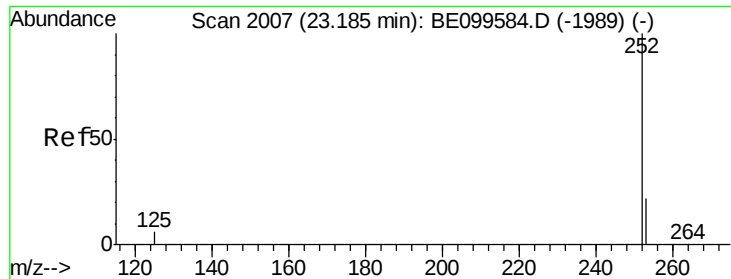
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.97 min Scan# 2228
 Delta R.T. -0.00 min
 Lab File: BE099583.D
 Acq: 9 May 2019 9:57

Tgt Ion:264 Resp: 16310
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.3 30.5
 265 26.6 20.9 31.3



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

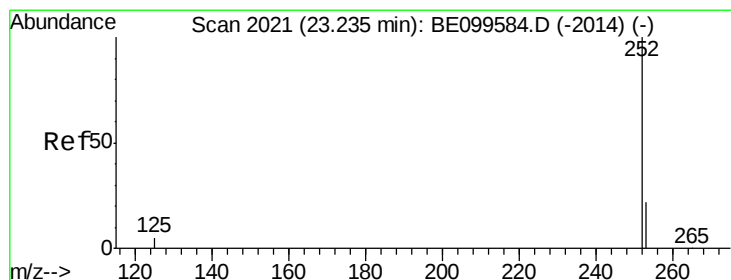
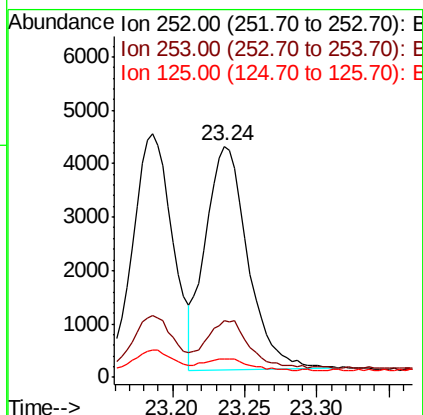
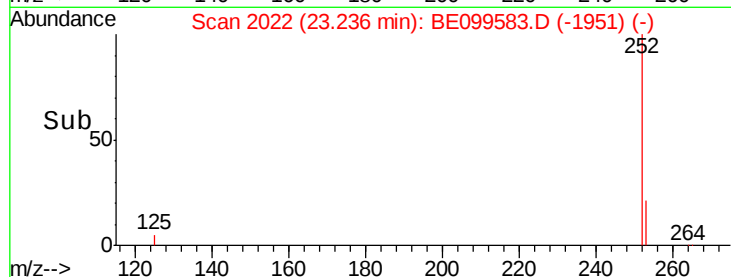
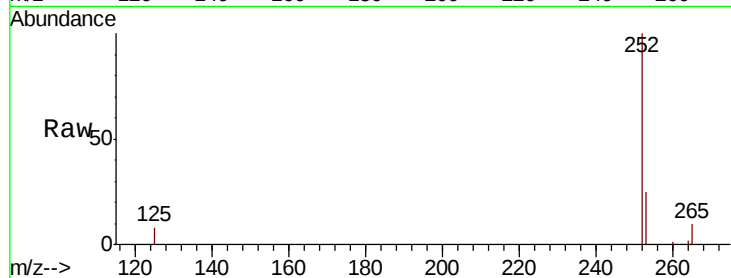




#35
Benzo(b)fluoranthene
Concen: 0.189 ng
RT: 23.24 min Scan# 2022
Delta R.T. 0.05 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

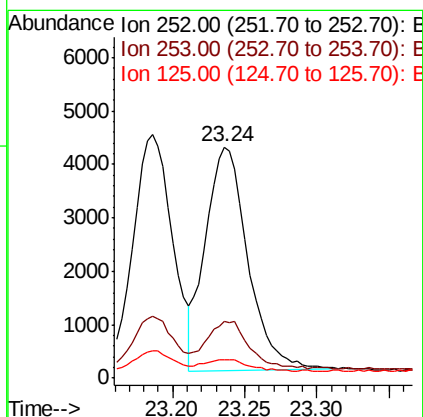
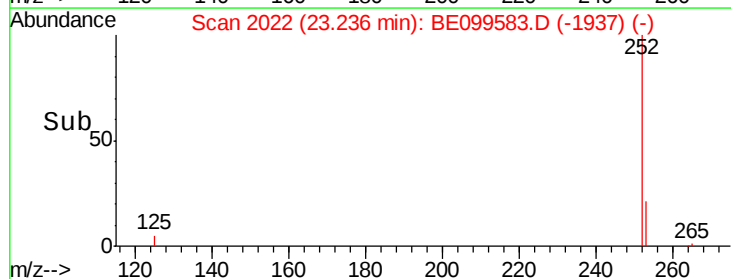
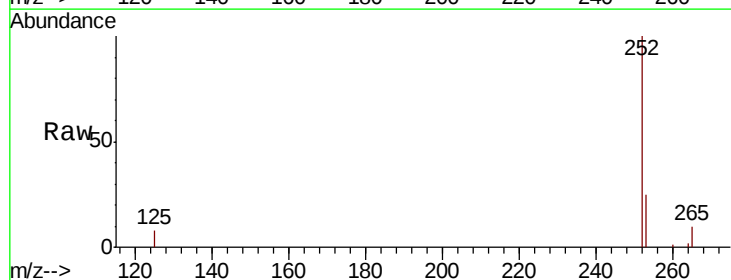
Instrument :
BNA_E
ClientSampleId :

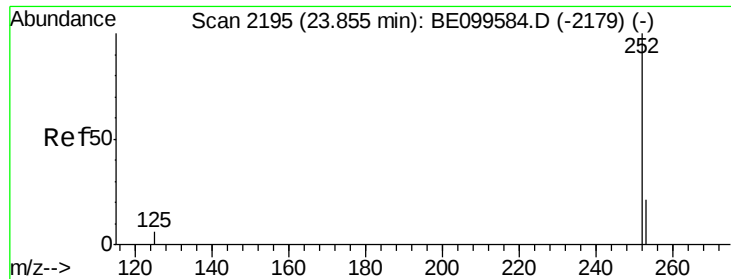
Tot Ion:252 Resp: 8525
Ion Ratio Lower Upper
252 100
253 24.6 18.6 28.0
125 7.9 6.0 9.0



#36
Benzo(k)fluoranthene
Concen: 0.193 ng
RT: 23.24 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BE099583.D
Acq: 9 May 2019 9:57

Tgt Ion:252 Resp: 8525
Ion Ratio Lower Upper
252 100
253 24.6 18.7 28.1
125 7.9 5.1 7.7#





#37

Benzo(a)pyrene

Concen: 0.195 ng

RT: 23.86 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

Instrument :

BNA_E

ClientSampleId :

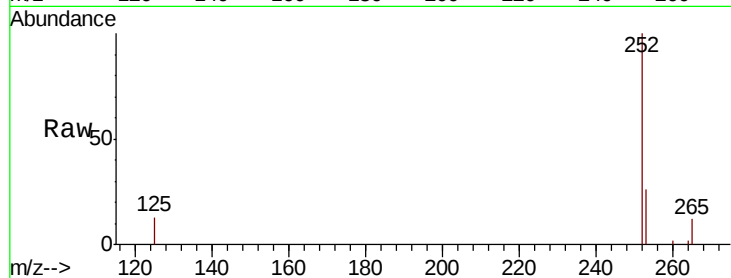
Tot Ion:252 Resp: 8439

Ion Ratio Lower Upper

252 100

253 26.4 18.6 27.8

125 13.3 6.4 9.6#

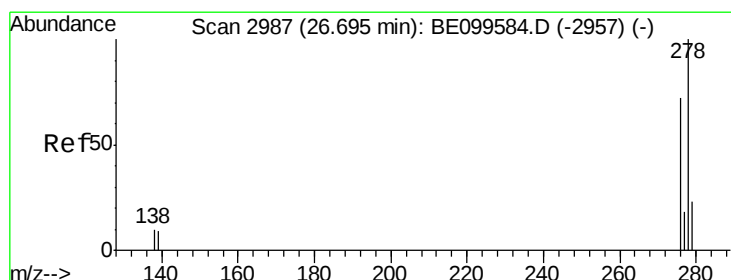
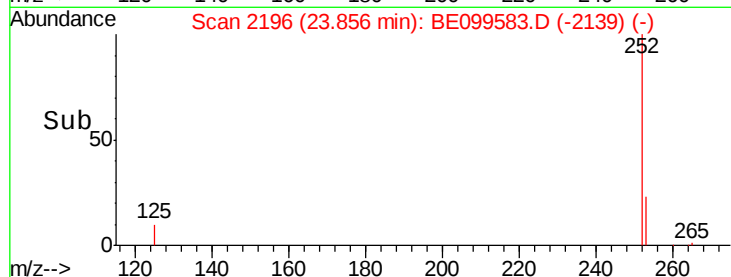
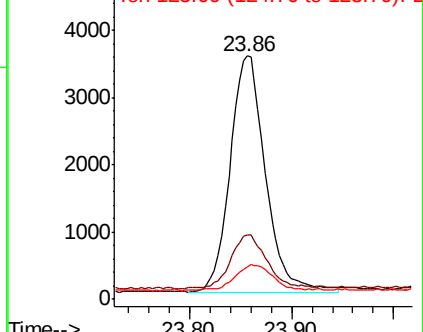


Abundance

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: 0.197 ng

RT: 26.70 min Scan# 2991

Delta R.T. 0.01 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

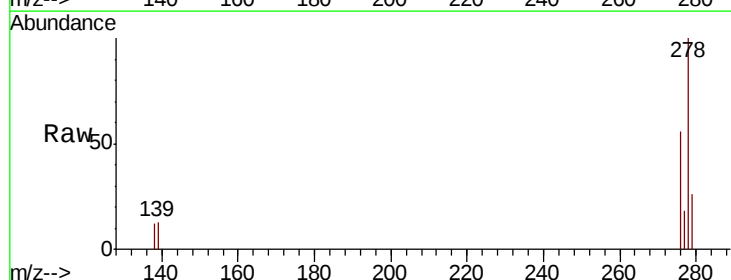
Tgt Ion:278 Resp: 8839

Ion Ratio Lower Upper

278 100

139 12.9 8.3 12.5#

279 26.5 19.4 29.2

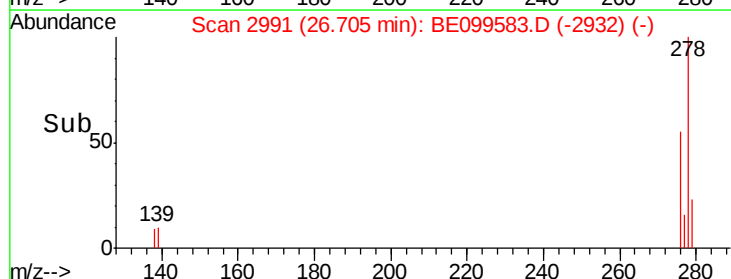
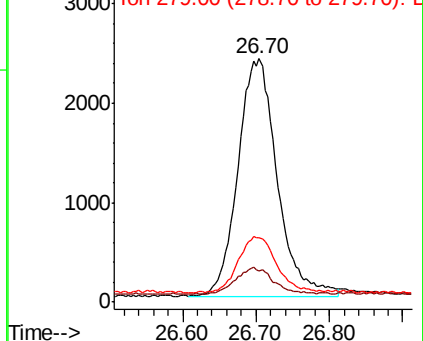


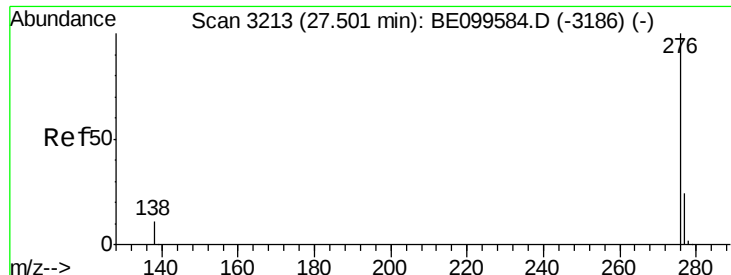
Abundance

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: 0.203 ng

RT: 27.50 min Scan# 3215

Delta R.T. 0.00 min

Lab File: BE099583.D

Acq: 9 May 2019 9:57

Instrument :

BNA_E

ClientSampleId :

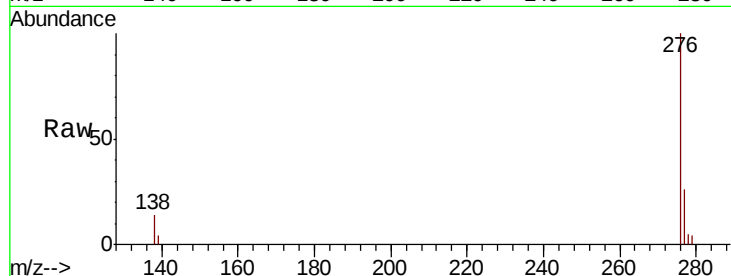
Tot Ion:276 Resp: 9133

Ion Ratio Lower Upper

276 100

277 26.0 19.8 29.6

138 13.8 9.4 14.2



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

