

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
 Data File : BE099567.D
 Acq On : 7 May 2019 16:12
 Operator : JU/SJ
 Sample : PB119482BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Quant Time: May 08 01:36:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 14:10:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1990	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	6804	0.40	ng	0.01
13) Acenaphthene-d10	14.50	164	4532	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12700	0.40	ng	0.00
27) Chrysene-d12	21.43	240	18276	0.40	ng	0.00
34) Perylene-d12	23.98	264	21973	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	1878	0.34	ng	0.00
5) Phenol-d6	7.00	99	2564	0.35	ng	0.02
8) Nitrobenzene-d5	8.99	82	2109	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	5141	0.43	ng	0.02
14) 2,4,6-Tribromophenol	16.00	330	867	0.29	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	5798	0.34	ng	0.00
25) Fluoranthene-d10	19.28	212	58183	0.34	ng	0.00
29) Terphenyl-d14	19.87	244	12571	0.37	ng	0.00

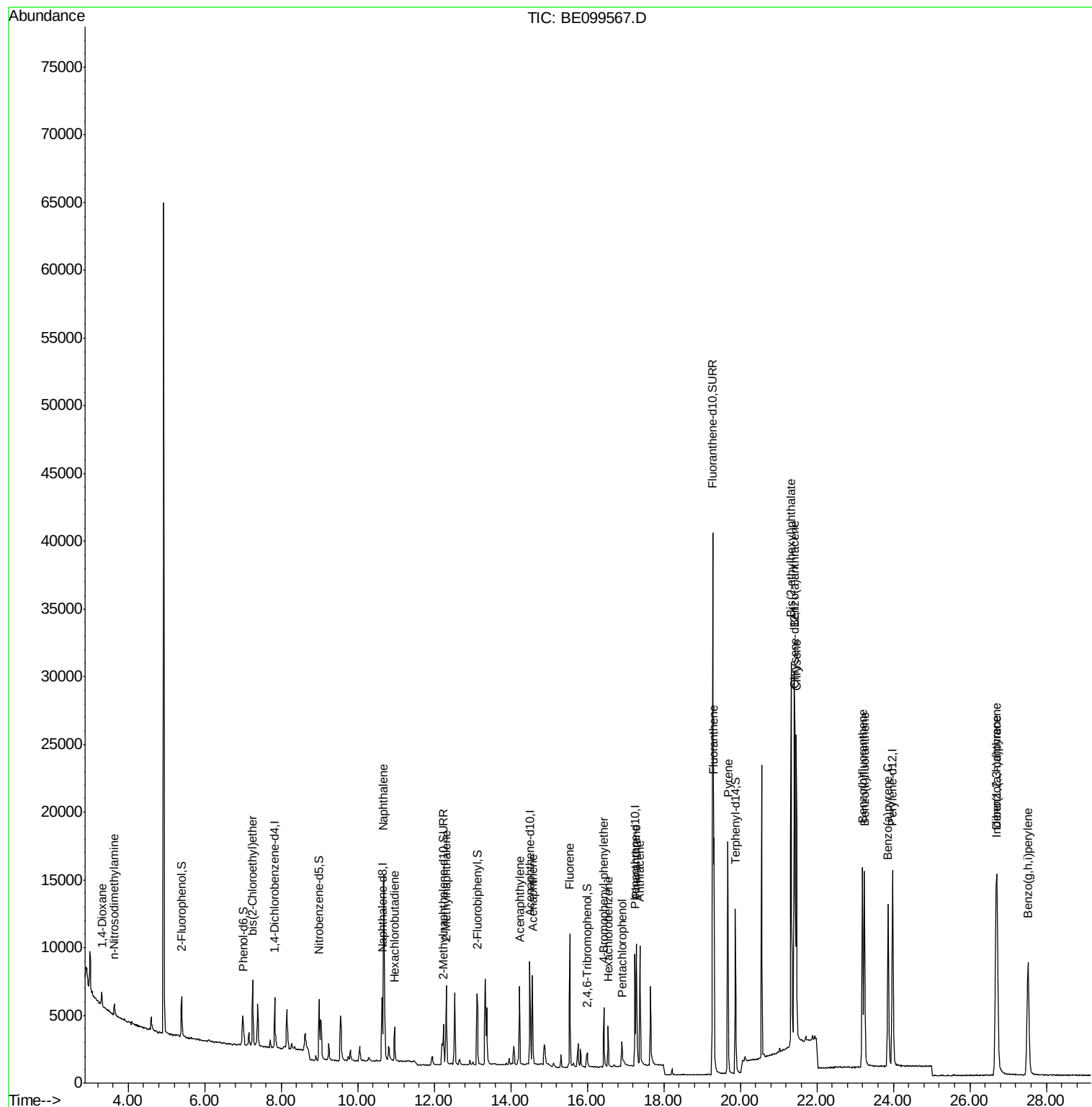
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	735	0.261	ng	# 57
3) n-Nitrosodimethylamine	3.63	42	644	0.346	ng	# 90
6) bis(2-Chloroethyl)ether	7.25	93	1984	0.328	ng	93
9) Naphthalene	10.68	128	25699	0.357	ng	100
10) Hexachlorobutadiene	10.97	225	1774	0.339	ng	98
12) 2-Methylnaphthalene	12.31	142	4353	0.356	ng	95
16) Acenaphthylene	14.23	152	7316	0.335	ng	99
17) Acenaphthene	14.57	154	4191	0.343	ng	97
18) Fluorene	15.54	166	5957	0.341	ng	98
20) 4-Bromophenyl-phenylether	16.44	248	2372	0.329	ng	# 79
21) Hexachlorobenzene	16.54	284	2436	0.339	ng	99
22) Pentachlorophenol	16.91	266	1780	0.603	ng	96
23) Phenanthrene	17.28	178	11177	0.357	ng	98
24) Anthracene	17.37	178	10269	0.341	ng	99
26) Fluoranthene	19.30	202	17183	0.356	ng	99
28) Pyrene	19.67	202	18131	0.370	ng	99
30) Benzo(a)anthracene	21.41	228	22176	0.392	ng	99
31) Chrysene	21.46	228	21799	0.390	ng	99
32) Bis(2-ethylhexyl)phthalate	21.33	149	33103	0.369	ng	100
33) Indeno(1,2,3-cd)pyrene	26.68	276	27094	0.408	ng	100
35) Benzo(b)fluoranthene	23.19	252	21947	0.362	ng	99
36) Benzo(k)fluoranthene	23.24	252	22893	0.384	ng	98
37) Benzo(a)pyrene	23.86	252	21929	0.375	ng	98
38) Dibenzo(a,h)anthracene	26.71	278	22372	0.370	ng	98
39) Benzo(g,h,i)perylene	27.52	276	23225	0.384	ng	99

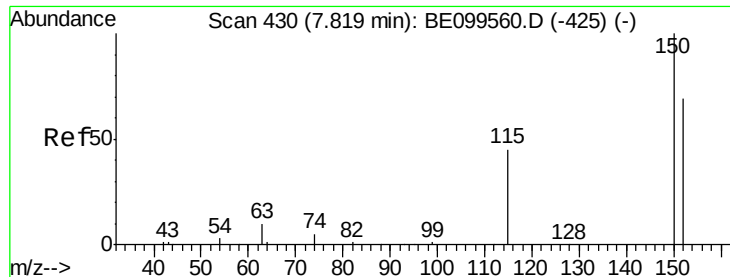
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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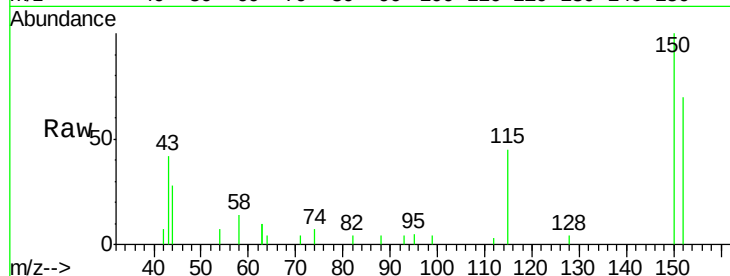


#1

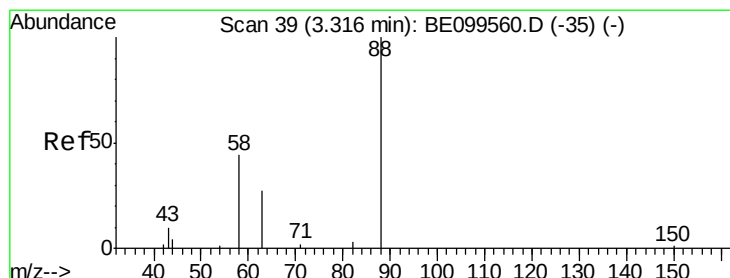
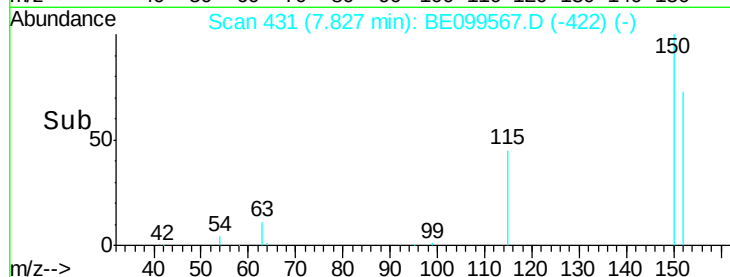
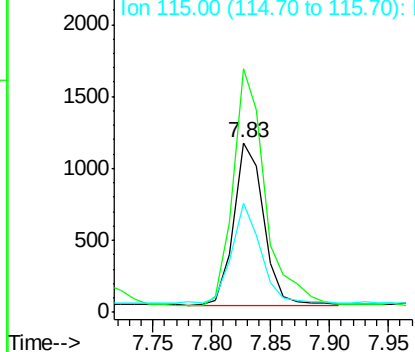
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tot Ion:152 Resp: 1990
Ion Ratio Lower Upper
152 100
150 143.3 113.8 170.6
115 64.1 54.2 81.2



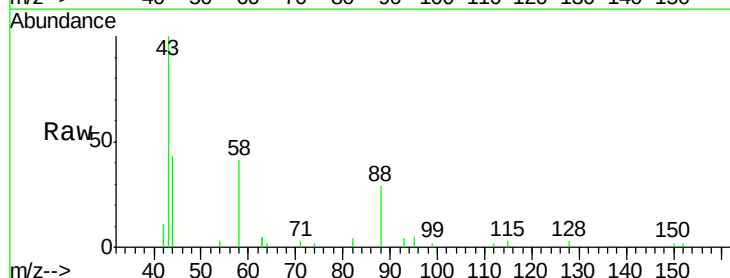
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



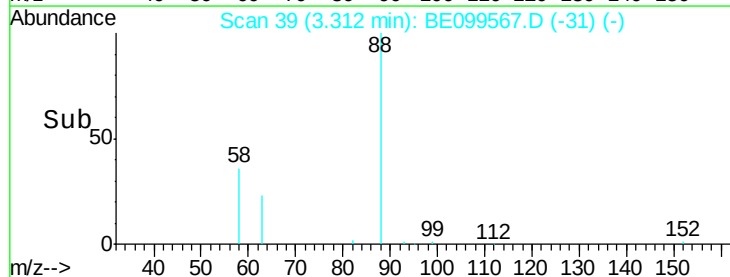
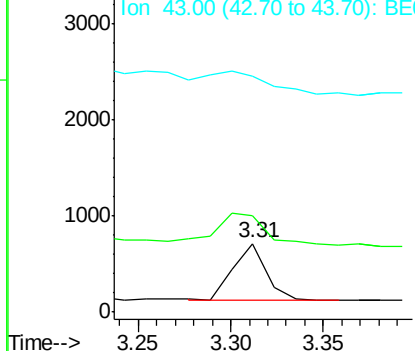
#2

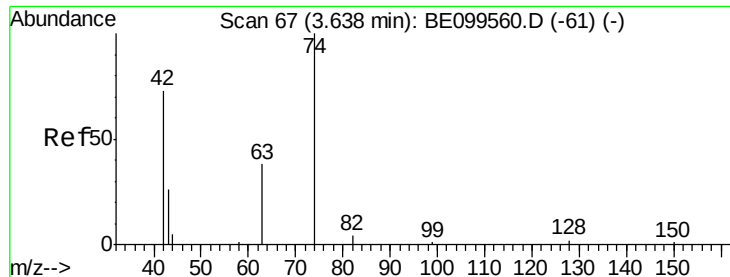
1,4-Dioxane
Concen: 0.261 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Tgt Ion: 88 Resp: 735
Ion Ratio Lower Upper
88 100
58 87.3 46.6 69.8#
43 0.0 20.3 30.5#



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: 0.346 ng

RT: 3.63 min Scan# 67

Delta R.T. -0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampled :

DFTPP

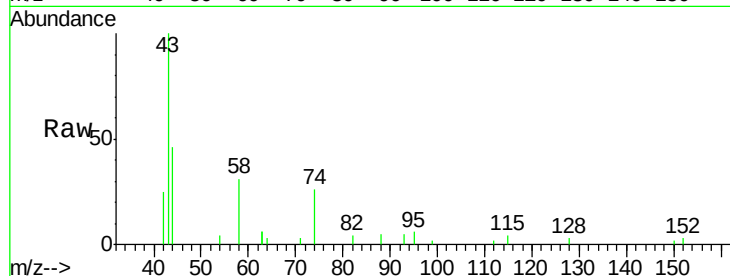
Tot Ion: 42 Resp: 644

Ion Ratio Lower Upper

42 100

74 164.1 121.3 181.9

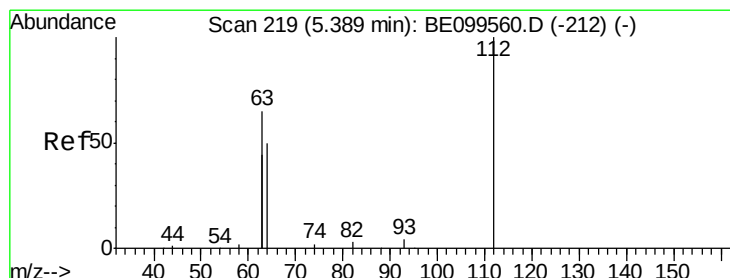
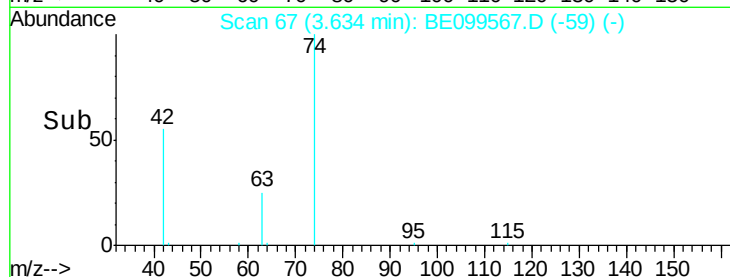
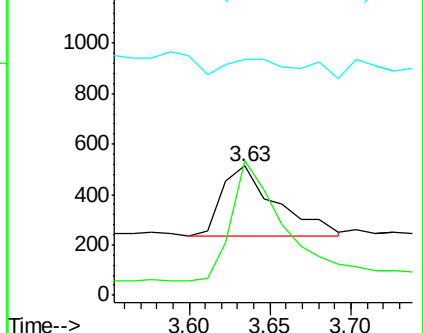
44 24.7 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.341 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

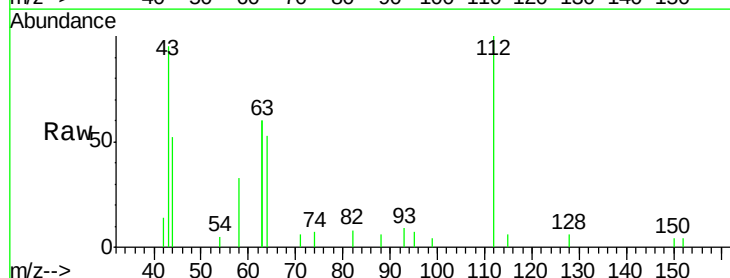
Tgt Ion: 112 Resp: 1878

Ion Ratio Lower Upper

112 100

64 53.9 46.3 69.5

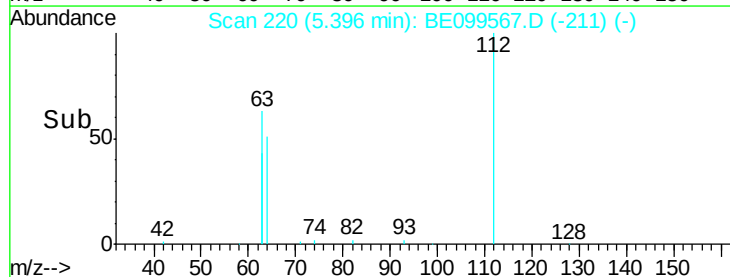
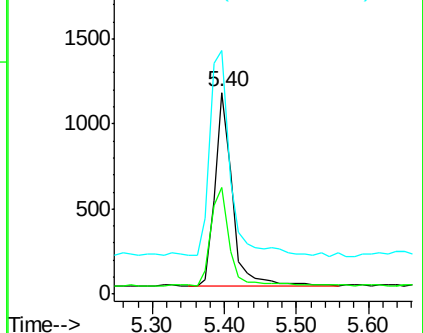
63 125.4 99.6 149.4

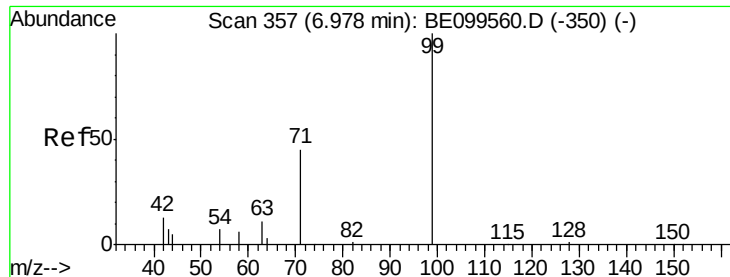


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.353 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.02 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

DFTPP

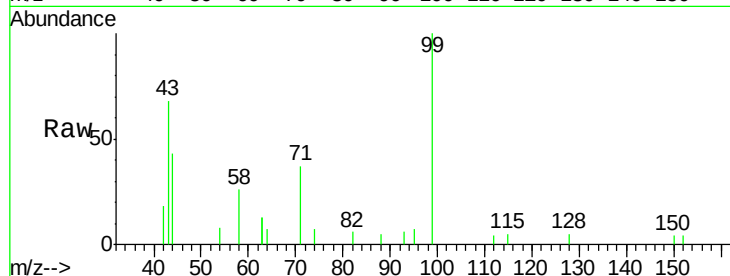
Tot Ion: 99 Resp: 2564

Ion Ratio Lower Upper

99 100

42 16.6 13.4 20.0

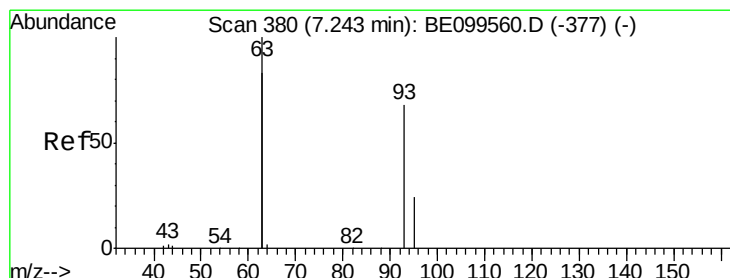
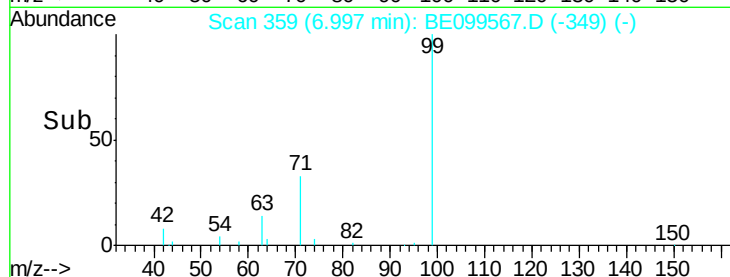
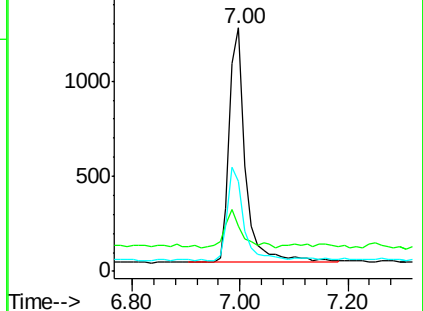
71 39.8 34.2 51.2



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: 0.328 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

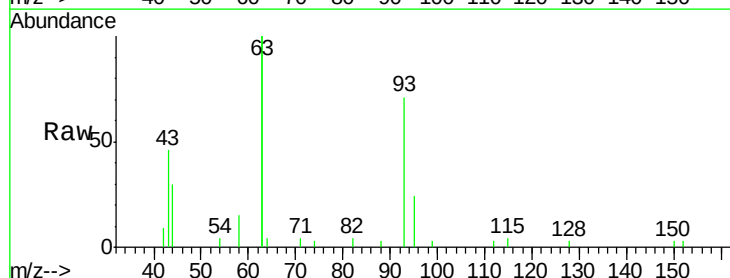
Tgt Ion: 93 Resp: 1984

Ion Ratio Lower Upper

93 100

63 274.5 209.0 313.4

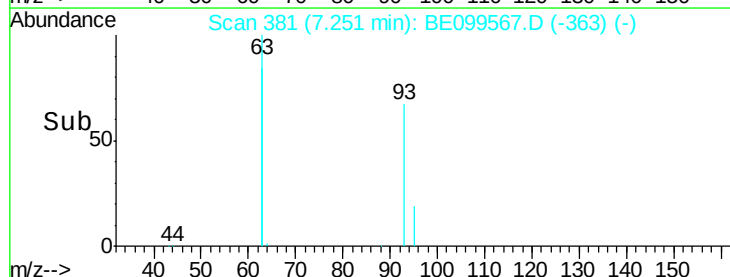
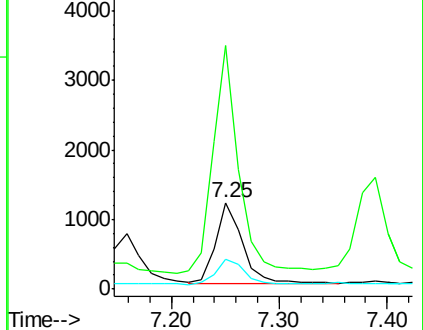
95 33.5 26.9 40.3

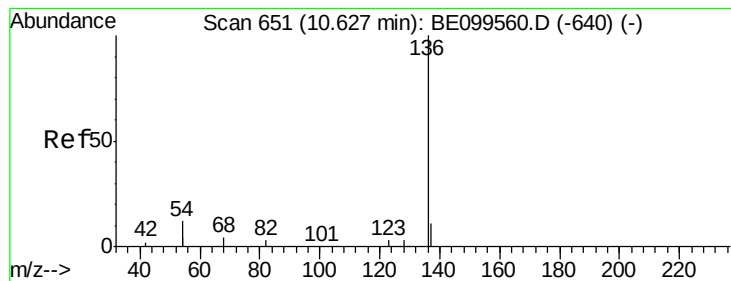


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.64 min Scan# 653

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

DFTPP

Tot Ion:136 Resp: 6804

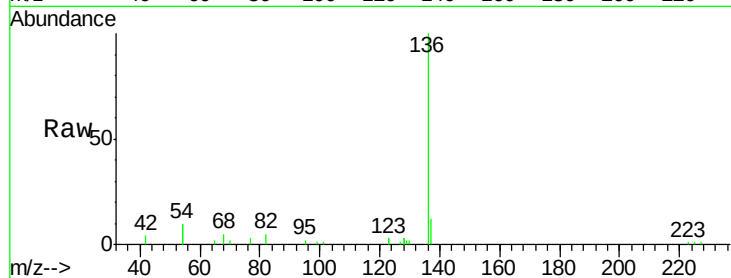
Ion Ratio Lower Upper

136 100

137 11.7 10.0 15.0

54 20.0 18.6 28.0

68 5.4 4.6 6.8

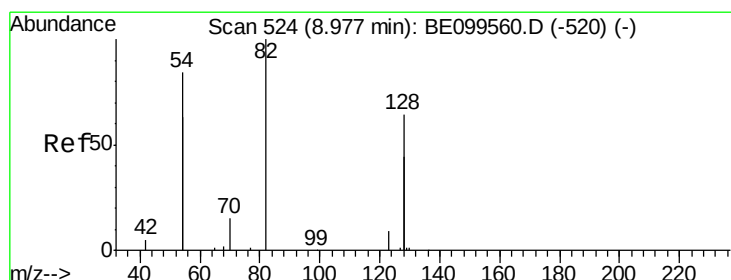
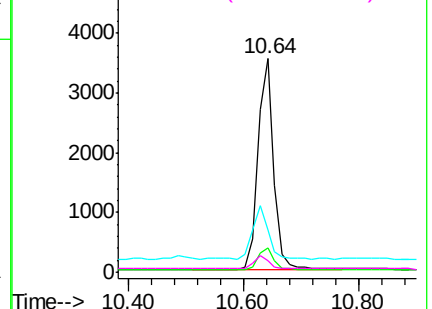
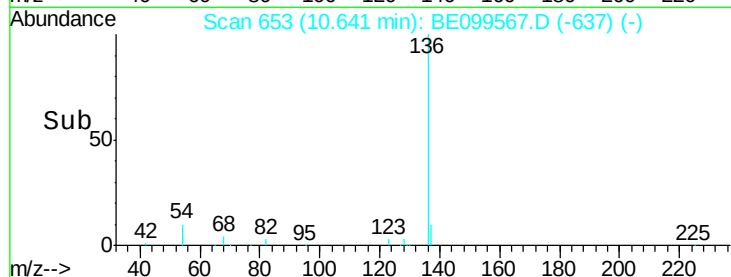


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.322 ng

RT: 8.99 min Scan# 526

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

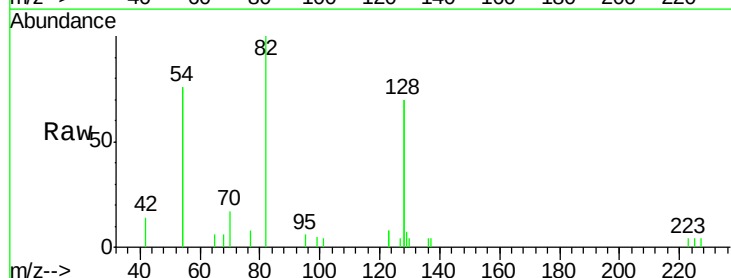
Tgt Ion: 82 Resp: 2109

Ion Ratio Lower Upper

82 100

128 139.1 97.6 146.4

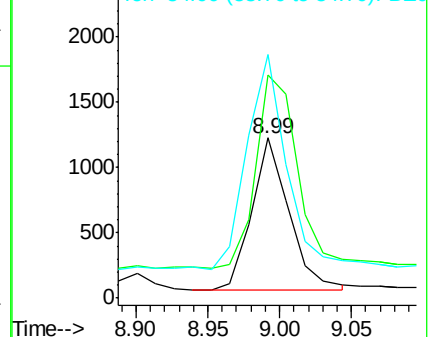
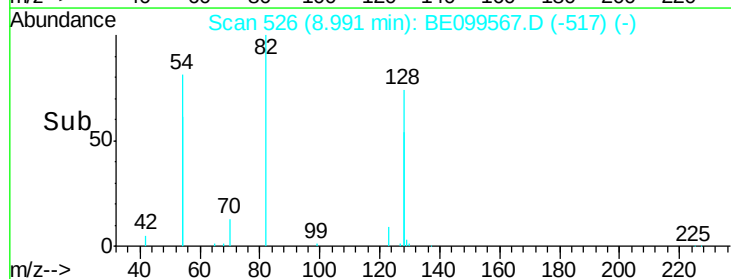
54 152.0 127.4 191.2

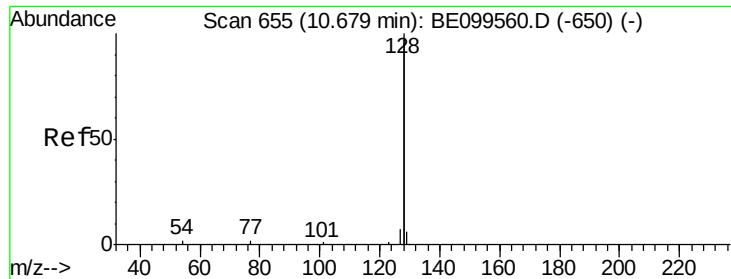


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.357 ng

RT: 10.68 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

DFTPP

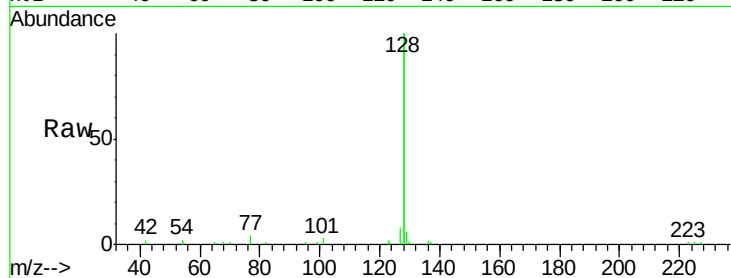
Tot Ion:128 Resp: 25699

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

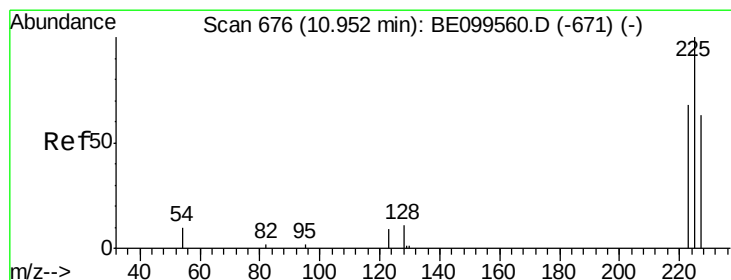
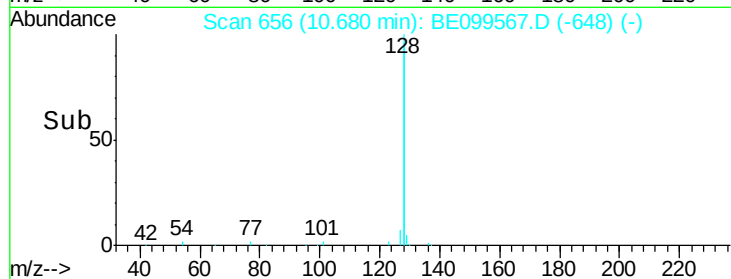
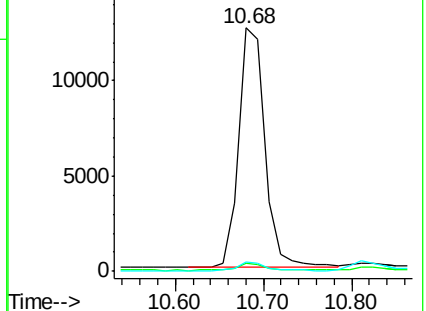
127 3.8 3.0 4.4



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: 0.339 ng

RT: 10.97 min Scan# 678

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

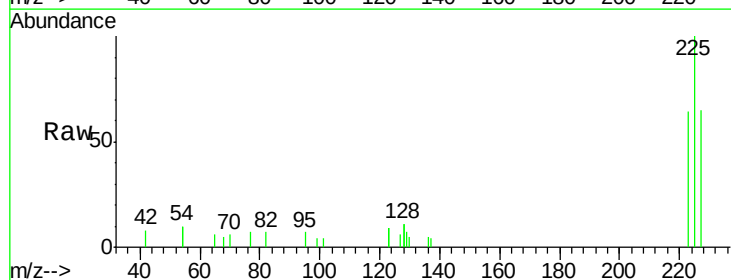
Tgt Ion:225 Resp: 1774

Ion Ratio Lower Upper

225 100

223 64.0 53.0 79.6

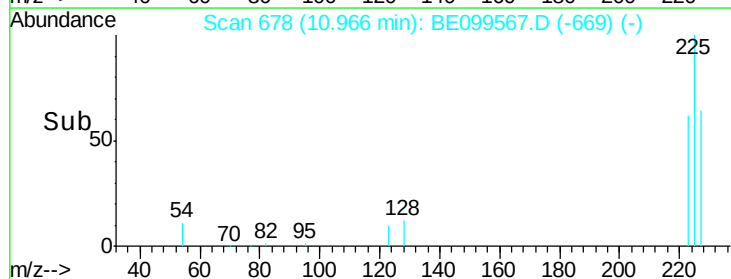
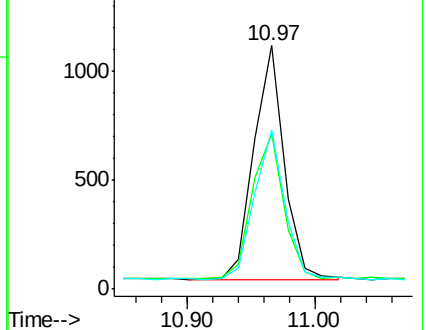
227 64.0 51.4 77.0

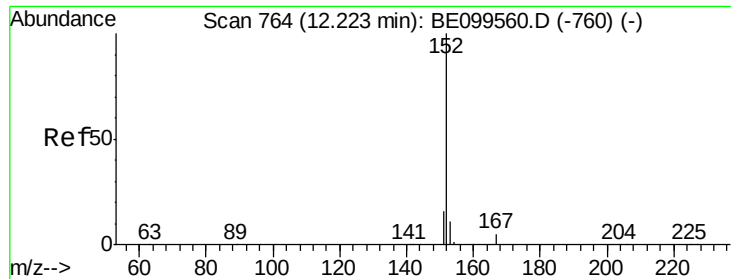


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

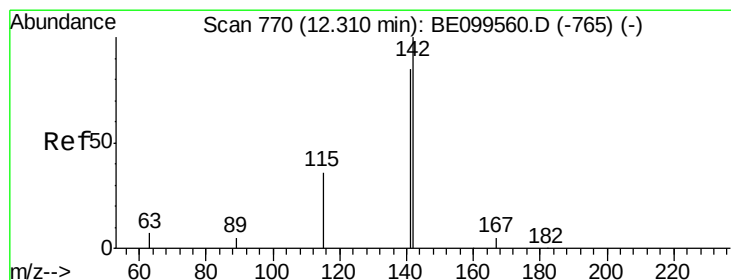
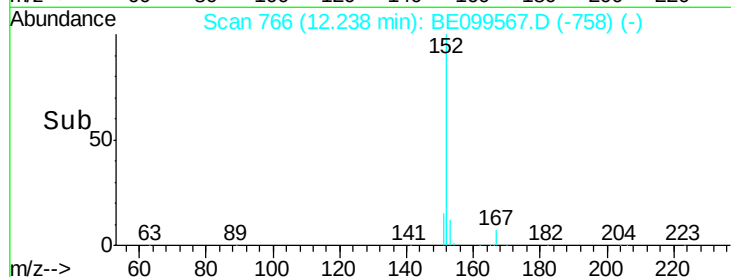
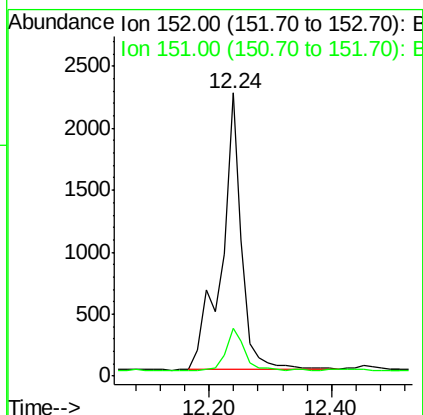
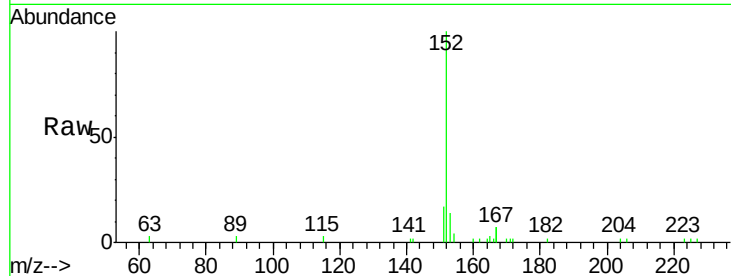




#11
 2-Methylnaphthalene-d10
 Concen: 0.434 ng
 RT: 12.24 min Scan# 766
 Delta R.T. 0.02 min
 Lab File: BE099567.D
 Acq: 7 May 2019 16:12

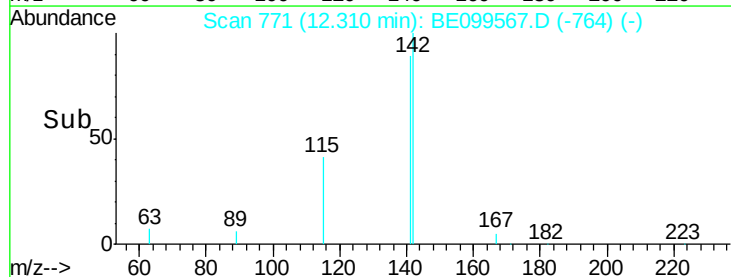
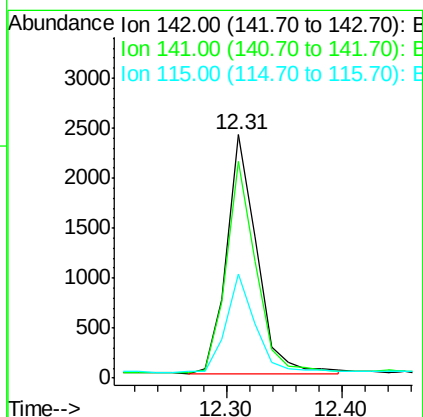
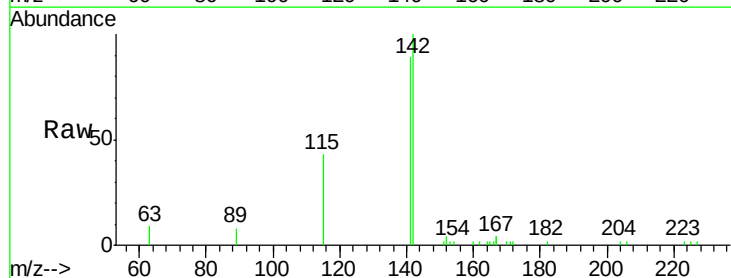
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

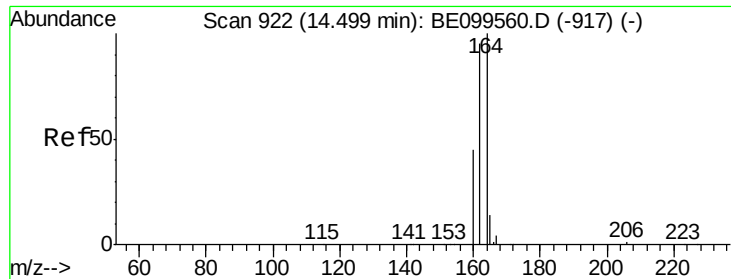
Tot Ion:152 Resp: 5141
 Ion Ratio Lower Upper
 152 100
 151 14.1 15.8 23.8#



#12
 2-Methylnaphthalene
 Concen: 0.356 ng
 RT: 12.31 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BE099567.D
 Acq: 7 May 2019 16:12

Tgt Ion:142 Resp: 4353
 Ion Ratio Lower Upper
 142 100
 141 88.9 68.1 102.1
 115 42.7 30.8 46.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 923

Delta R.T. 0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

DFTPP

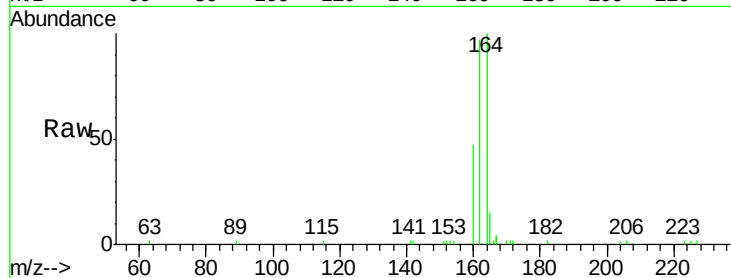
Tot Ion:164 Resp: 4532

Ion Ratio Lower Upper

164 100

162 97.4 76.4 114.6

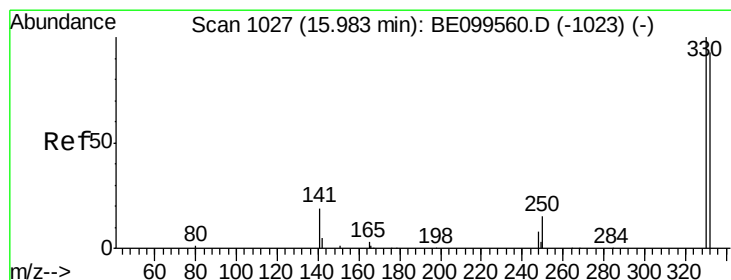
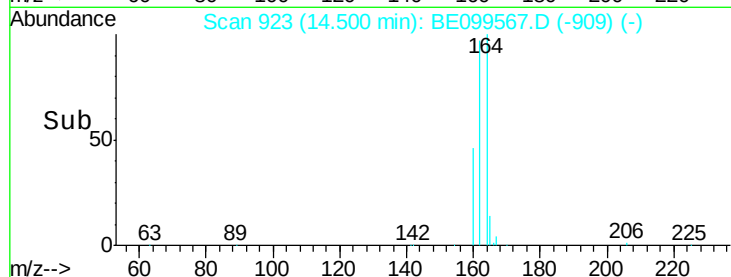
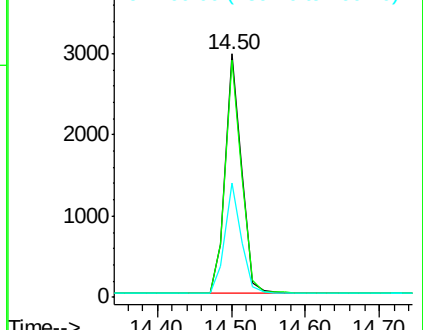
160 46.8 36.6 55.0



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: 0.287 ng

RT: 16.00 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

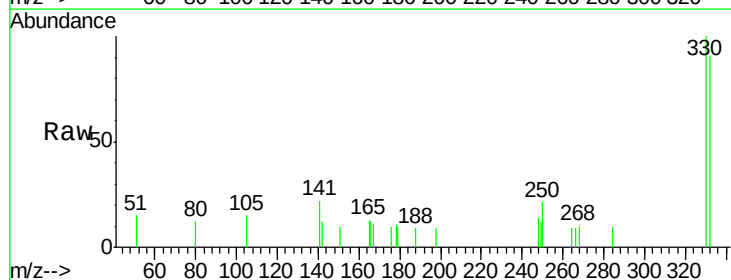
Tgt Ion:330 Resp: 867

Ion Ratio Lower Upper

330 100

332 93.3 77.7 116.5

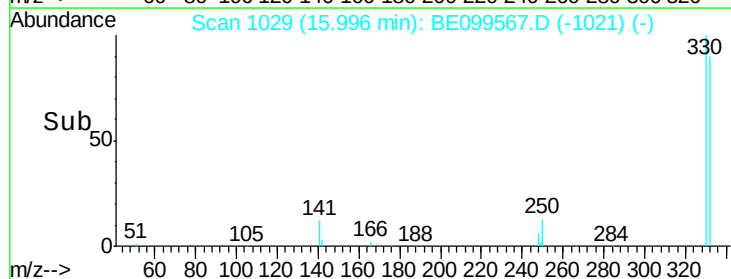
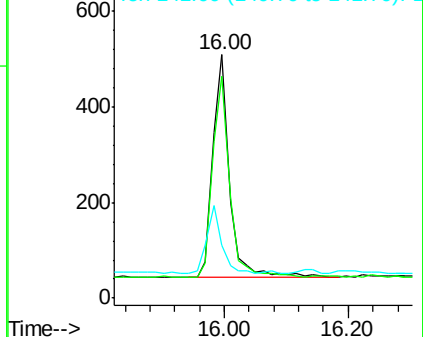
141 27.3 26.1 39.1

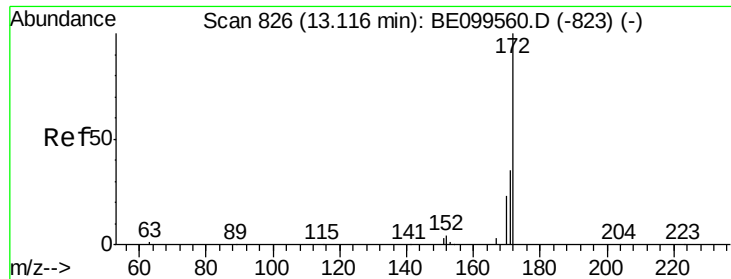


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

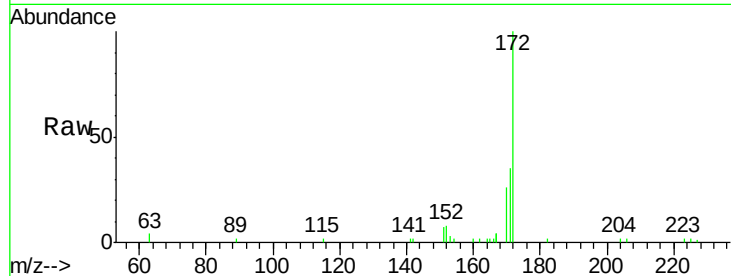




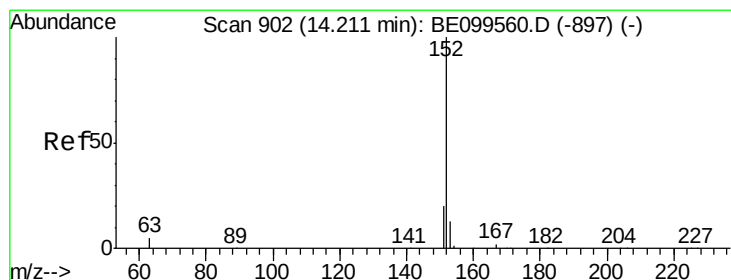
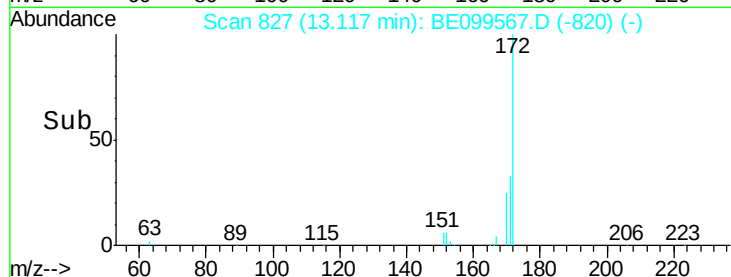
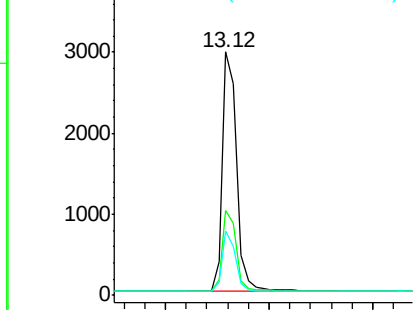
#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.12 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tot Ion:172 Resp: 5798
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 26.3 18.8 28.2

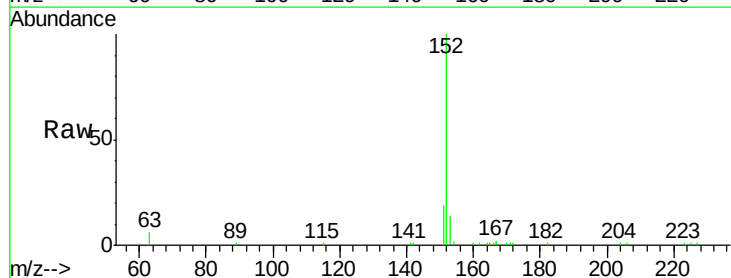


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

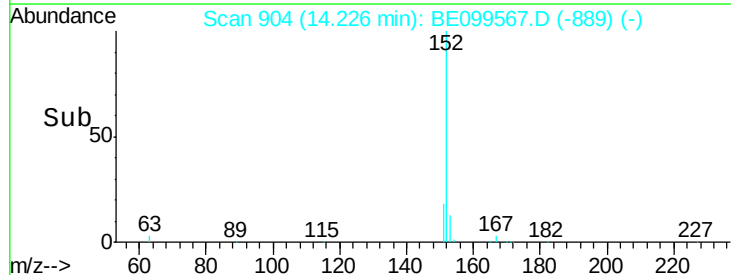
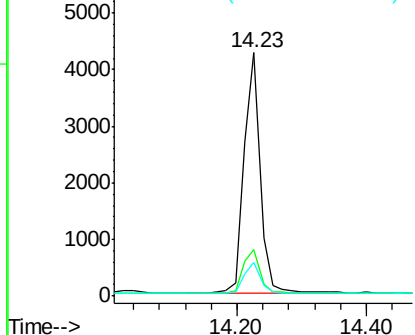


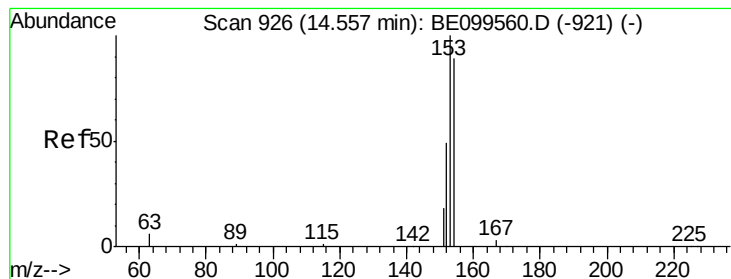
#16
Acenaphthylene
Concen: 0.335 ng
RT: 14.23 min Scan# 904
Delta R.T. 0.02 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Tgt Ion:152 Resp: 7316
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 12.8 10.5 15.7



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: 0.343 ng

RT: 14.57 min Scan# 928

Delta R.T. 0.02 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

DFTPP

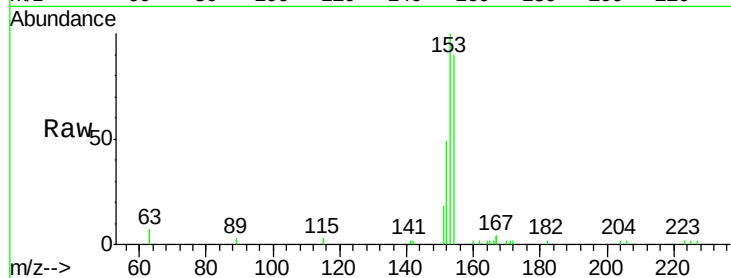
Tot Ion:154 Resp: 4191

Ion Ratio Lower Upper

154 100

153 114.9 89.7 134.5

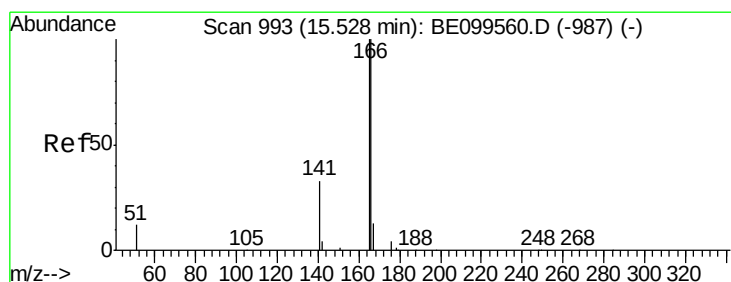
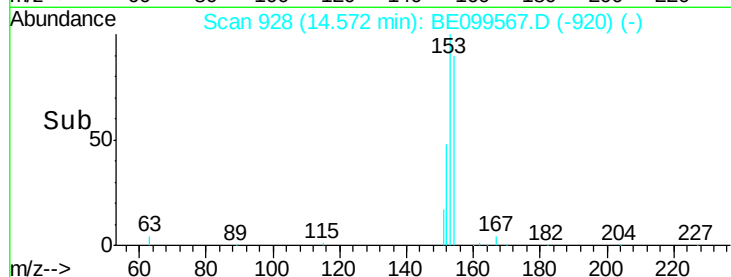
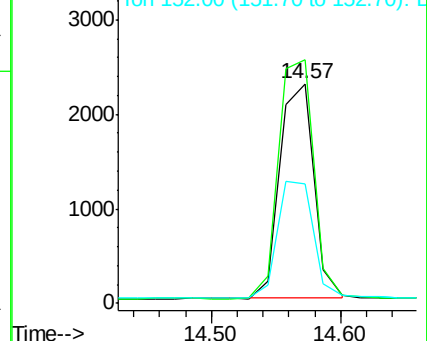
152 56.6 43.9 65.9



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: 0.341 ng

RT: 15.54 min Scan# 995

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

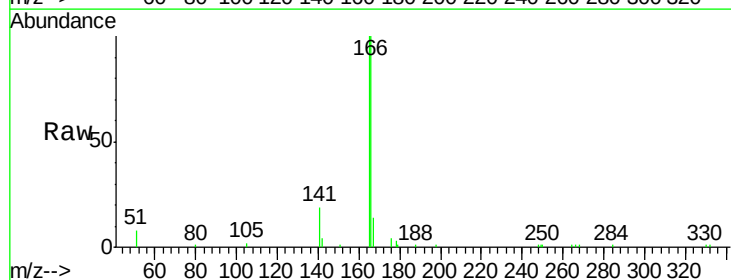
Tgt Ion:166 Resp: 5957

Ion Ratio Lower Upper

166 100

165 100.3 79.0 118.6

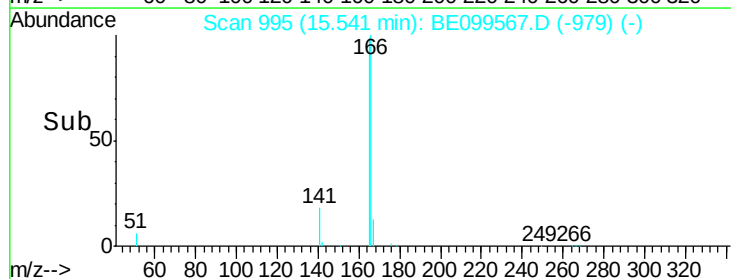
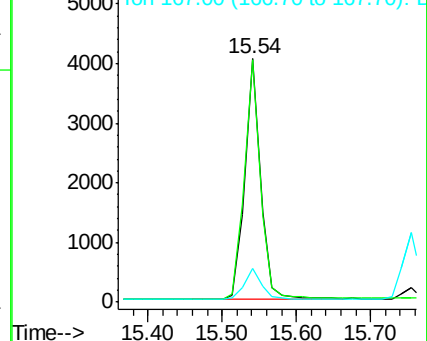
167 13.6 11.5 17.3

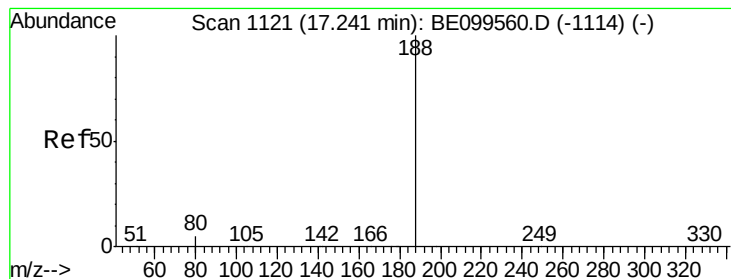


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1122

Delta R.T. -0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

DFTPP

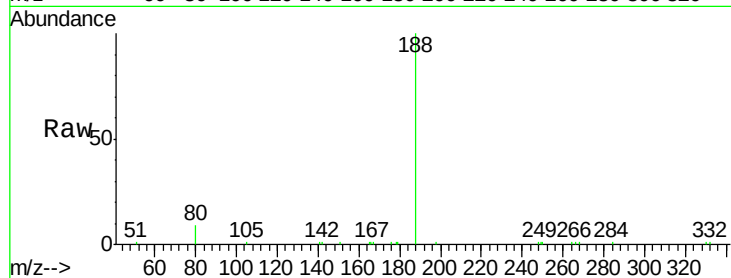
Tot Ion:188 Resp: 12700

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

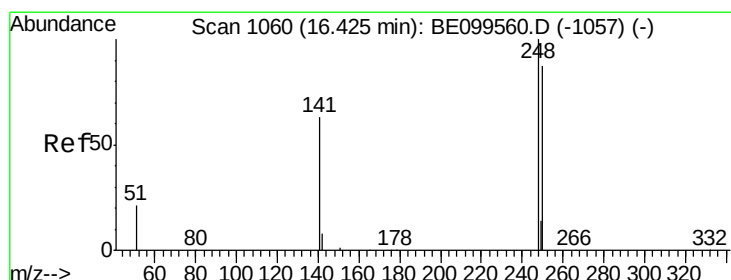
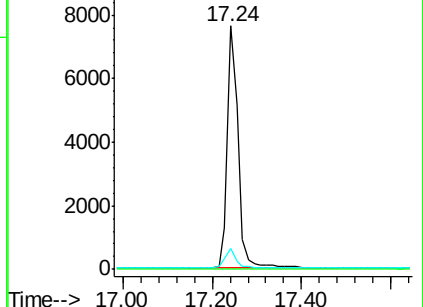
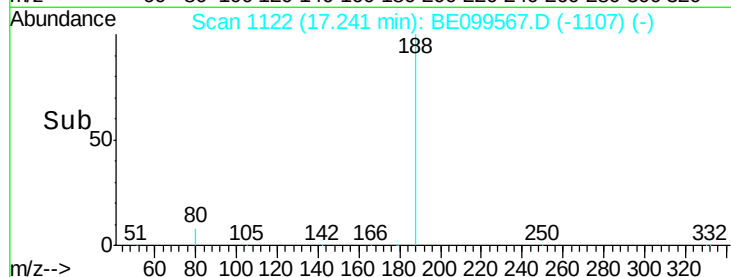
80 8.8 4.6 7.0#



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: 0.329 ng

RT: 16.44 min Scan# 1062

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

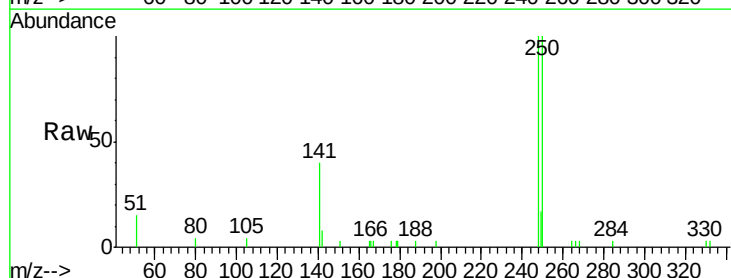
Tgt Ion:248 Resp: 2372

Ion Ratio Lower Upper

248 100

250 99.9 70.0 105.0

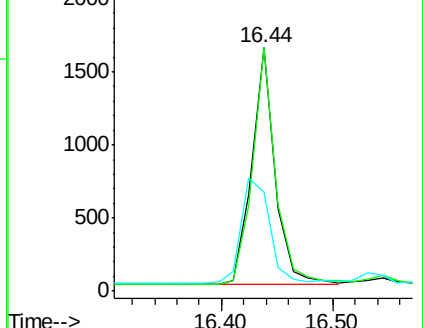
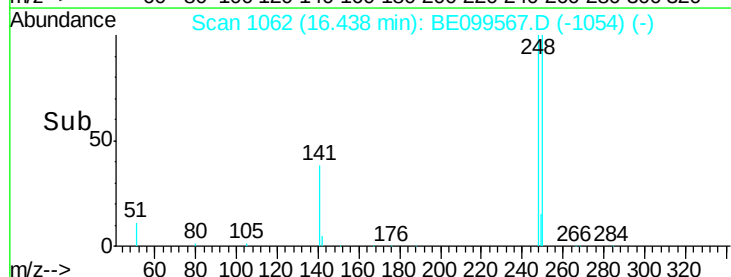
141 40.5 51.8 77.8#

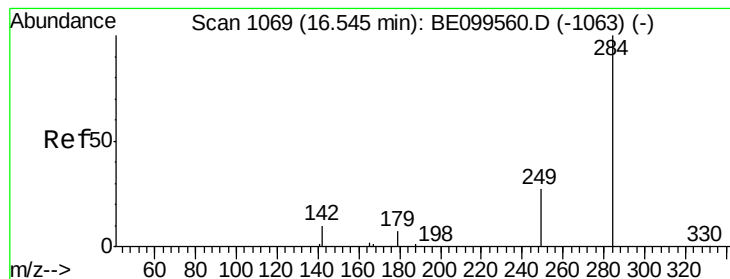


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.339 ng

RT: 16.54 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

DFTPP

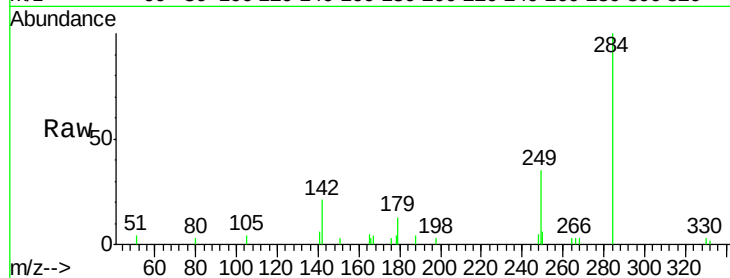
Tot Ion:284 Resp: 2436

Ion Ratio Lower Upper

284 100

142 25.1 19.5 29.3

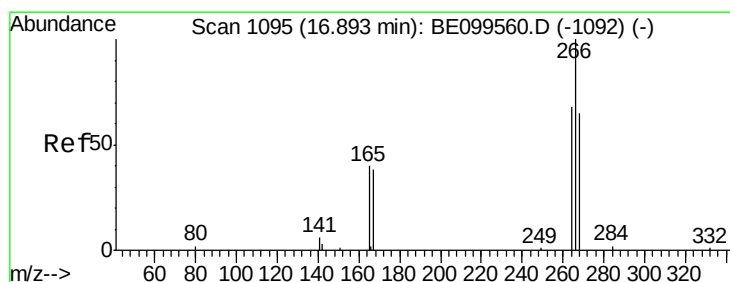
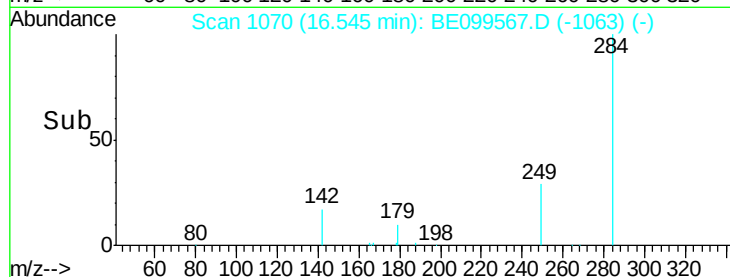
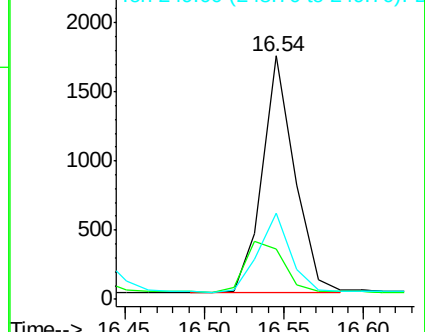
249 33.4 26.2 39.2



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: 0.603 ng

RT: 16.91 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

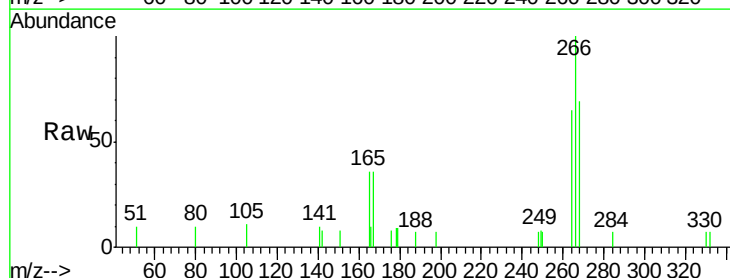
Tgt Ion:266 Resp: 1780

Ion Ratio Lower Upper

266 100

264 65.2 56.6 84.8

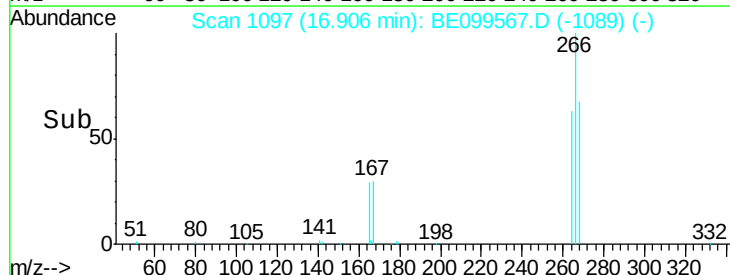
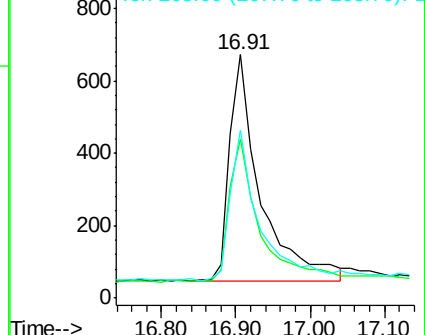
268 69.2 55.8 83.8

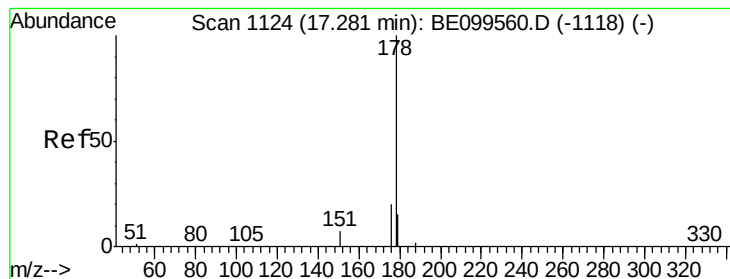


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.357 ng

RT: 17.28 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

DFTPP

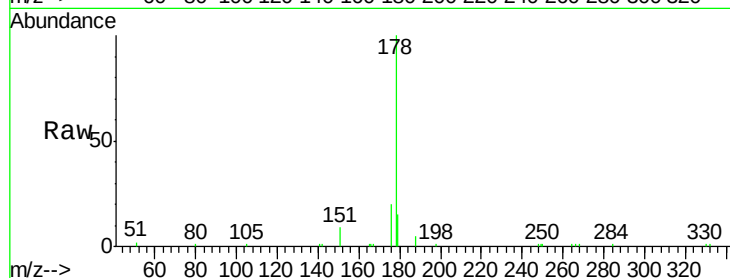
Tot Ion:178 Resp: 11177

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.6

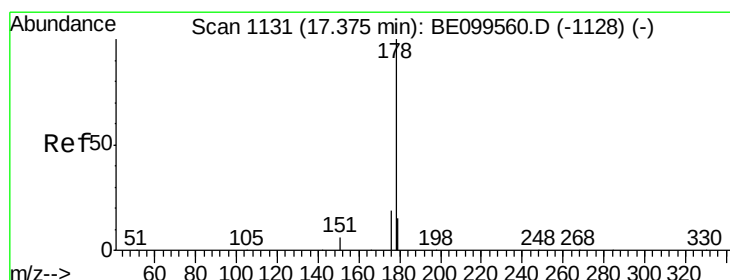
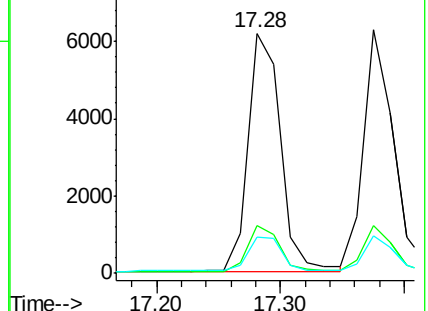
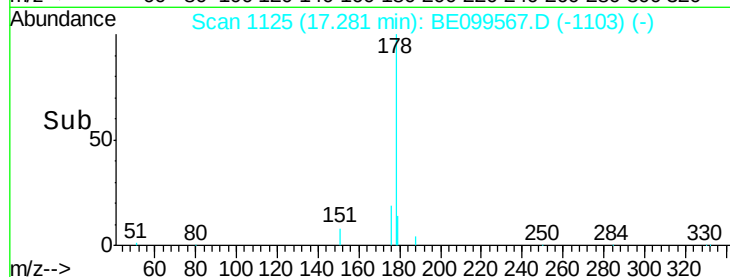
179 15.3 12.5 18.7



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: 0.341 ng

RT: 17.37 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

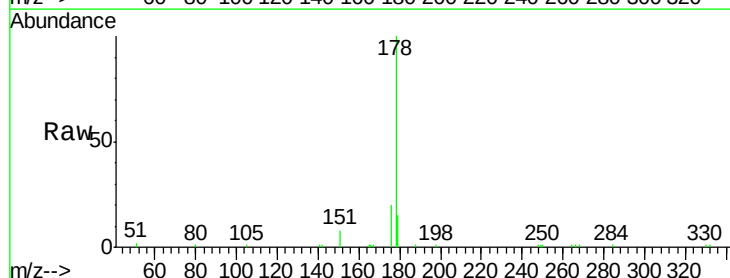
Tgt Ion:178 Resp: 10269

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

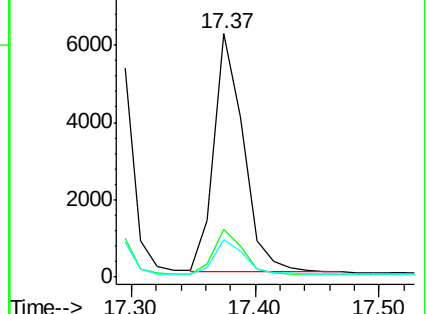
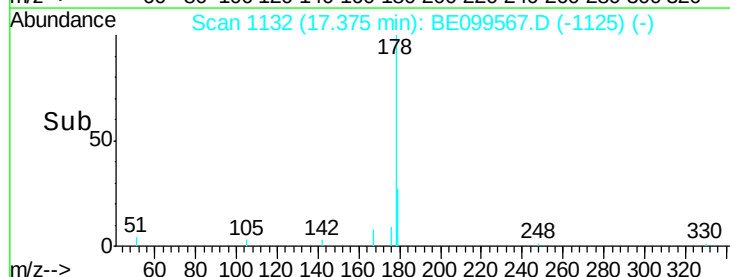
179 14.5 12.2 18.4

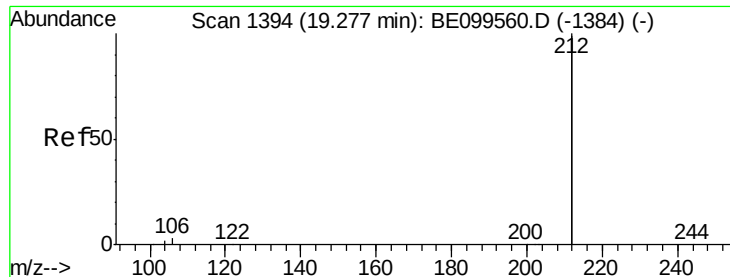


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.340 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

DFTPP

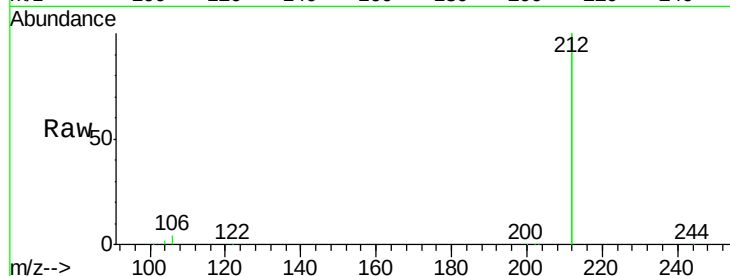
Tot Ion:212 Resp: 58183

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

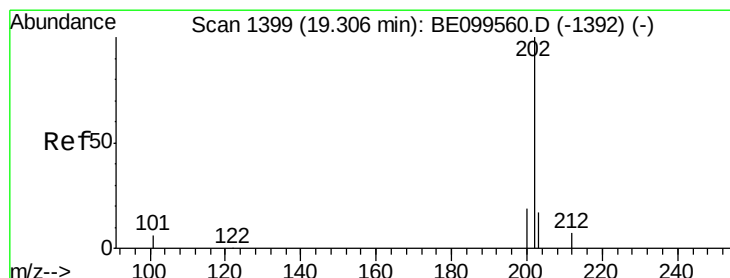
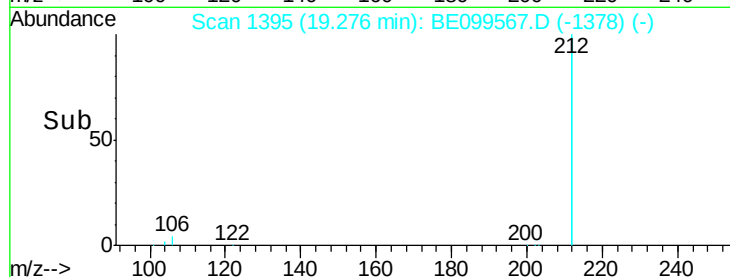
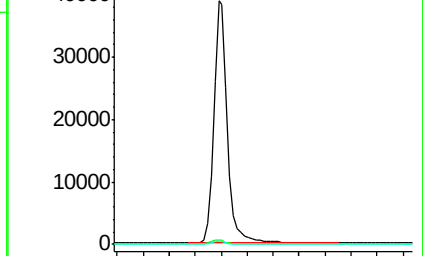
104 1.1 0.8 1.2



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: 0.356 ng

RT: 19.30 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

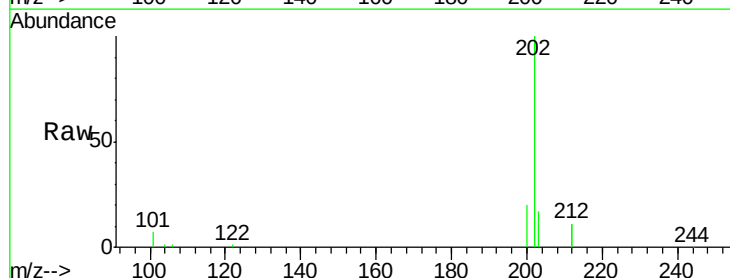
Tgt Ion:202 Resp: 17183

Ion Ratio Lower Upper

202 100

101 6.7 5.3 7.9

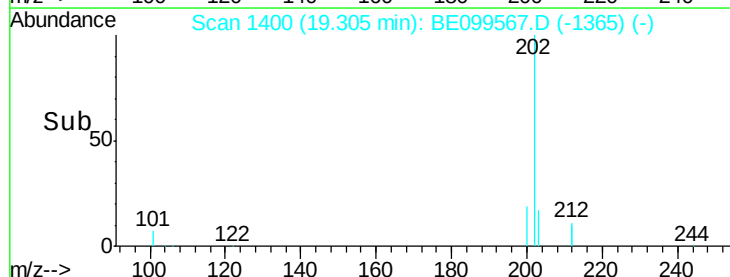
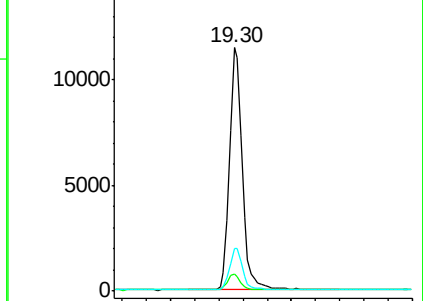
203 17.1 13.4 20.2

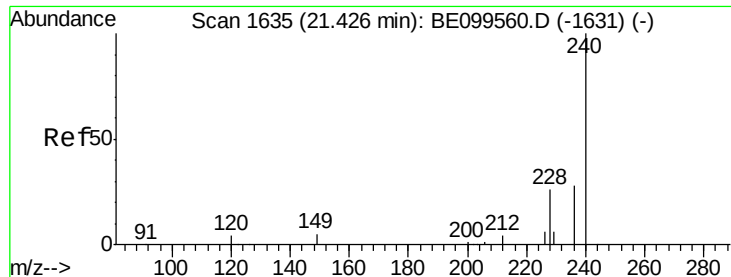


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

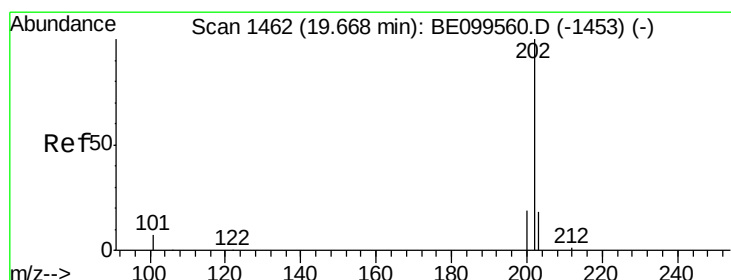
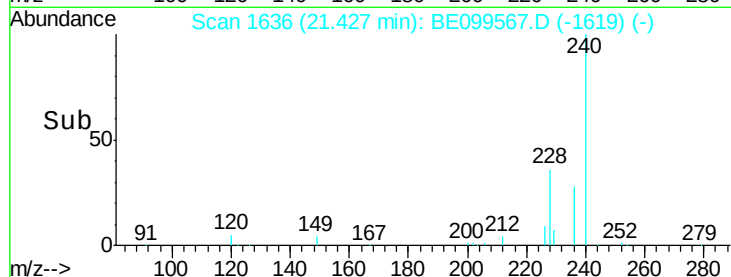
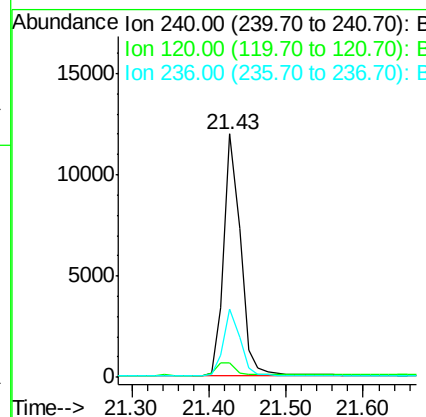
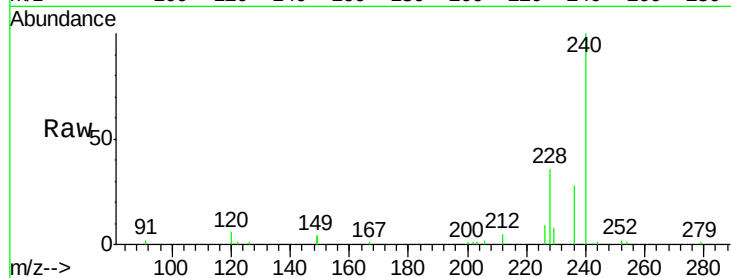




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

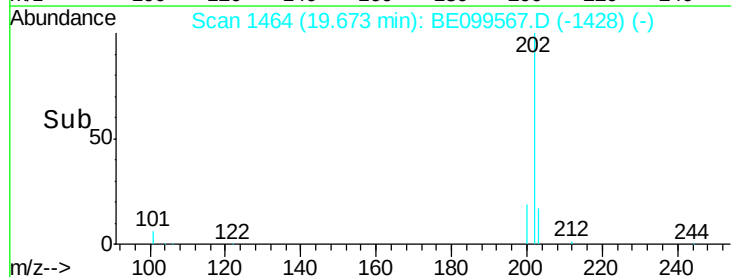
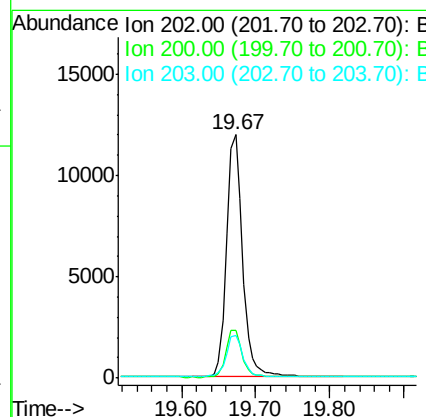
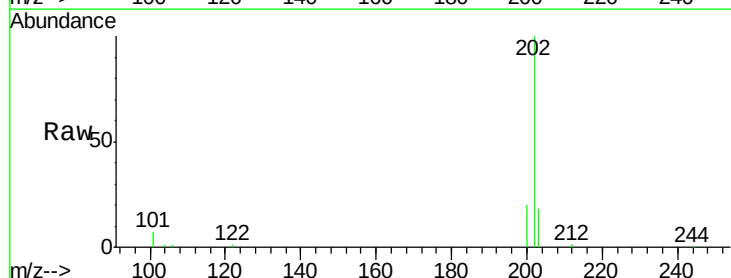
Instrument :
BNA_E
ClientSampleId :
DFTPP

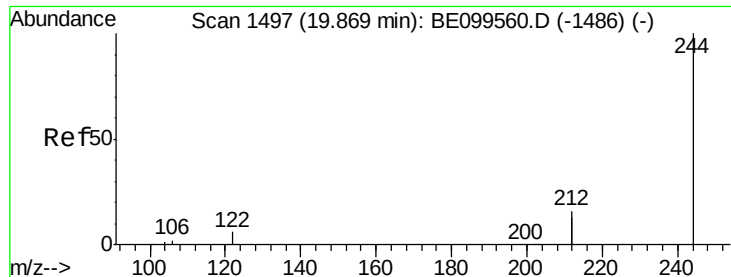
Tot Ion:240 Resp: 18276
Ion Ratio Lower Upper
240 100
120 5.8 3.8 5.6#
236 28.2 22.5 33.7



#28
Pyrene
Concen: 0.370 ng
RT: 19.67 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Tgt Ion:202 Resp: 18131
Ion Ratio Lower Upper
202 100
200 19.3 15.8 23.6
203 18.1 14.1 21.1





#29

Terphenyl-d14

Concen: 0.371 ng

RT: 19.87 min Scan# 1499

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

DFTPP

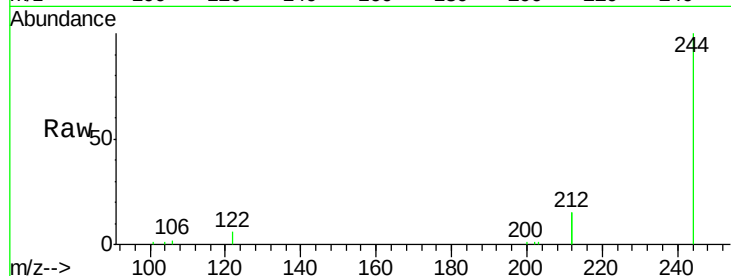
Tot Ion:244 Resp: 12571

Ion Ratio Lower Upper

244 100

212 29.3 24.6 37.0

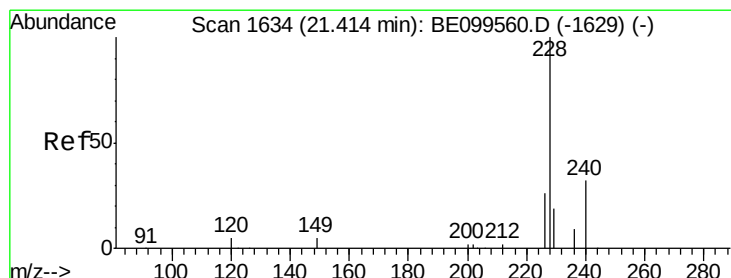
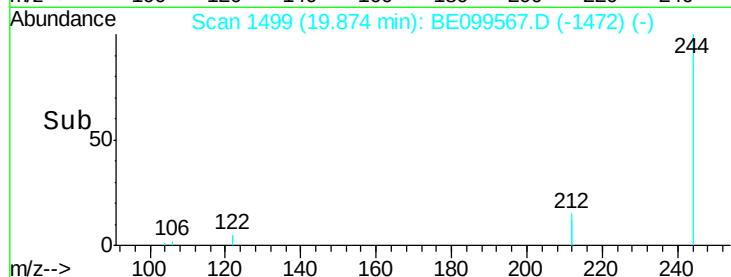
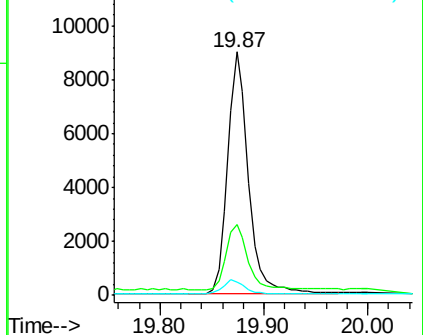
122 5.6 5.0 7.6



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: 0.392 ng

RT: 21.41 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

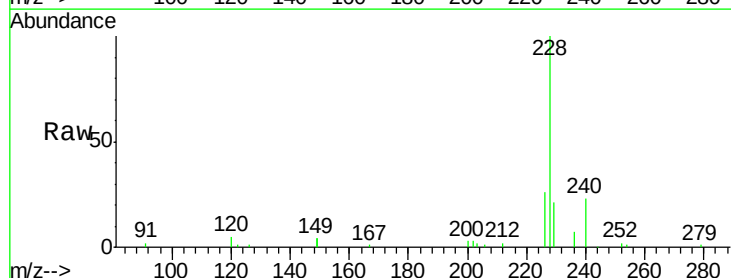
Tgt Ion:228 Resp: 22176

Ion Ratio Lower Upper

228 100

226 26.0 20.9 31.3

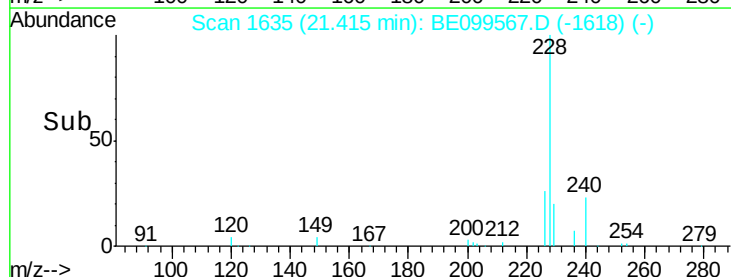
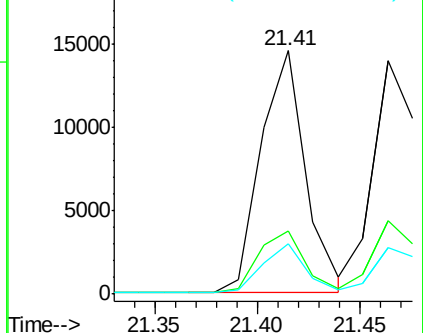
229 20.6 16.1 24.1

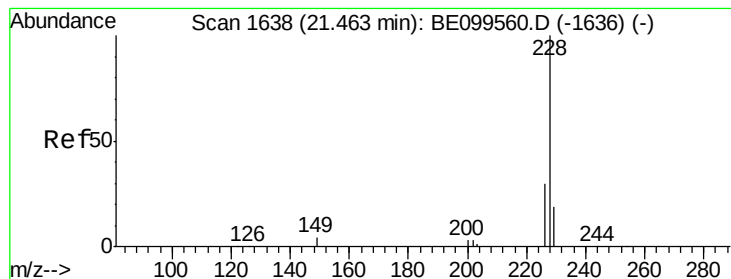


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.390 ng

RT: 21.46 min Scan# 1639

Delta R.T. 0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

DFTPP

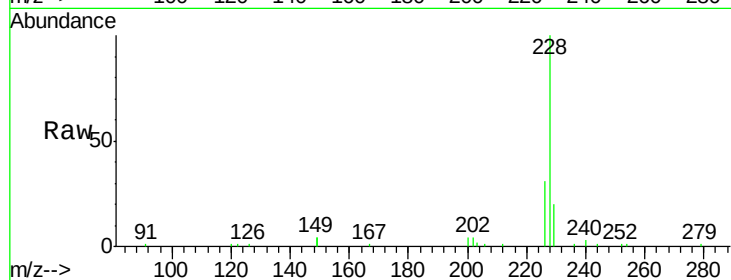
Tot Ion:228 Resp: 21799

Ion Ratio Lower Upper

228 100

226 31.2 24.2 36.4

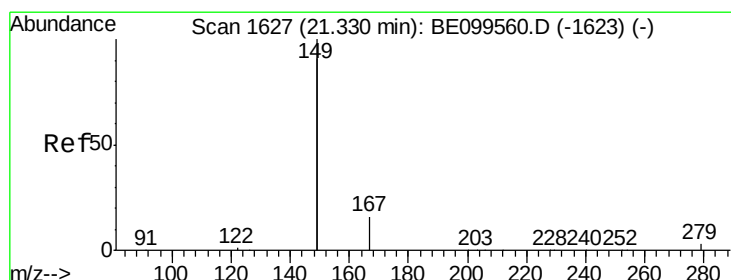
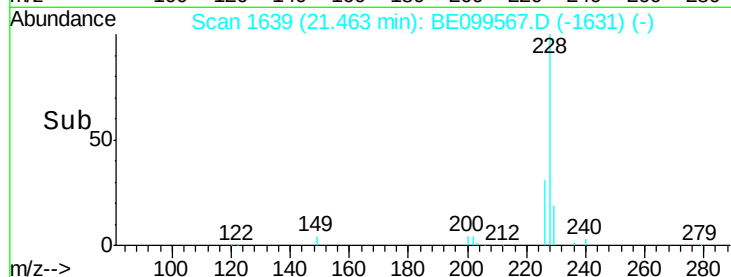
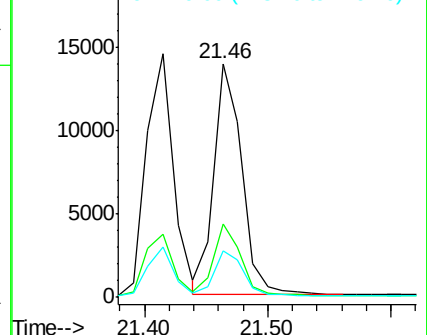
229 19.7 15.8 23.6



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: 0.369 ng

RT: 21.33 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

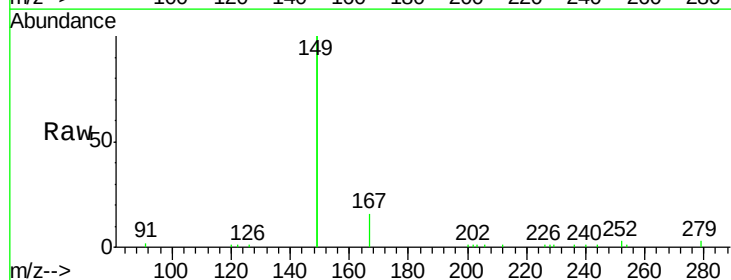
Tgt Ion:149 Resp: 33103

Ion Ratio Lower Upper

149 100

167 7.4 6.1 9.1

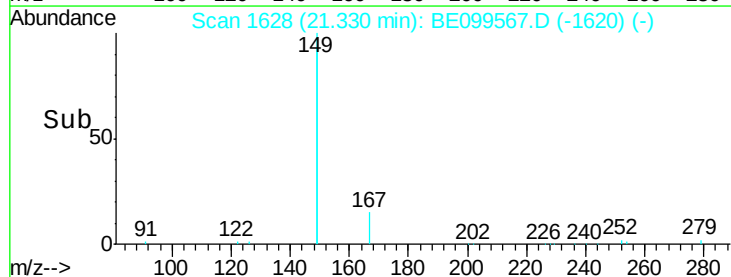
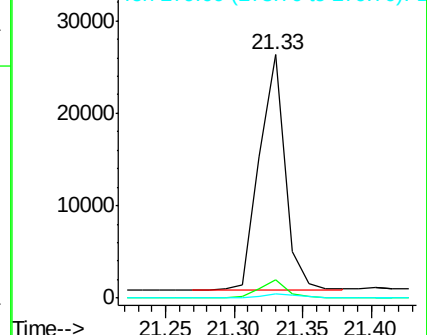
279 1.5 1.3 1.9

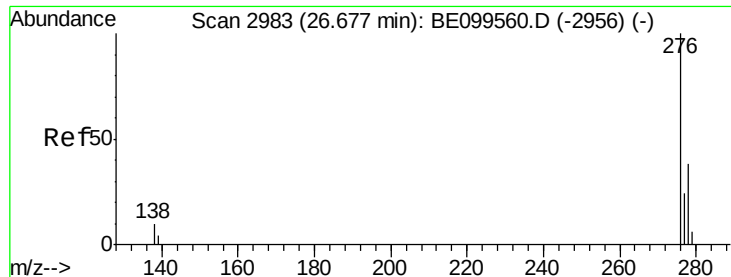


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

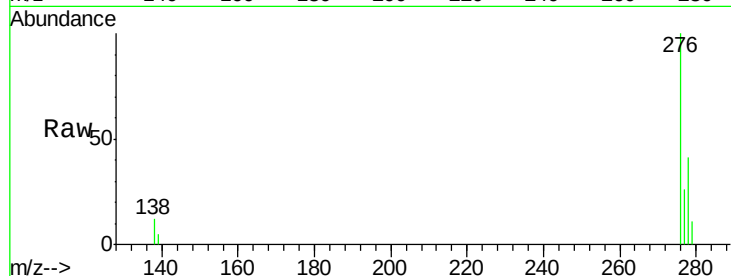




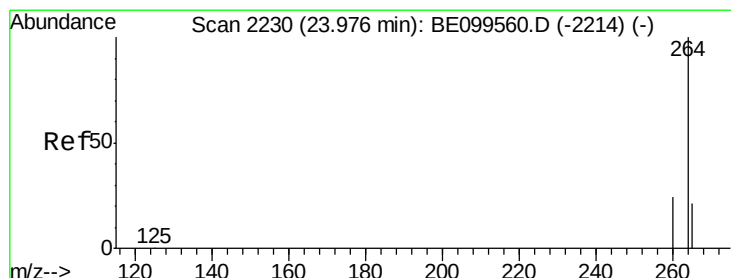
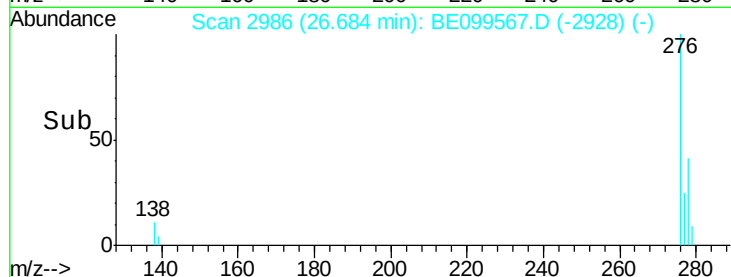
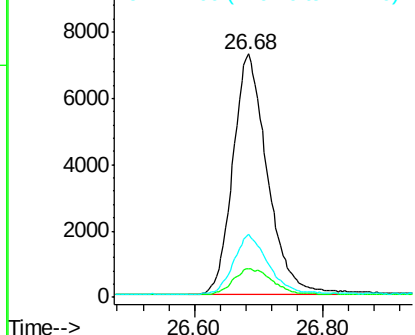
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng
RT: 26.68 min Scan# 2986
Delta R.T. 0.01 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tot Ion:276 Resp: 27094
Ion Ratio Lower Upper
276 100
138 12.2 9.5 14.3
277 24.5 19.7 29.5

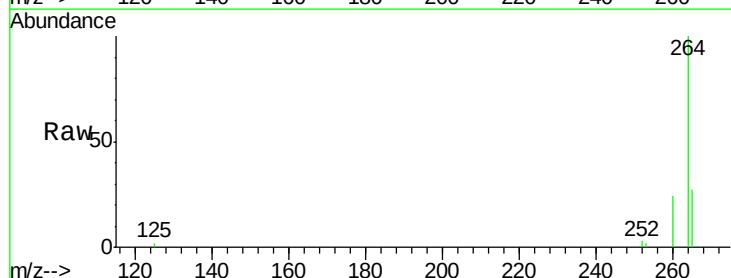


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

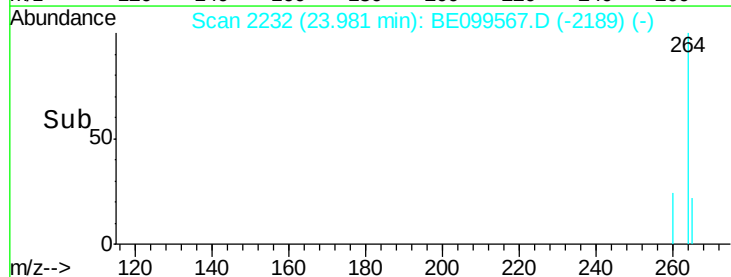
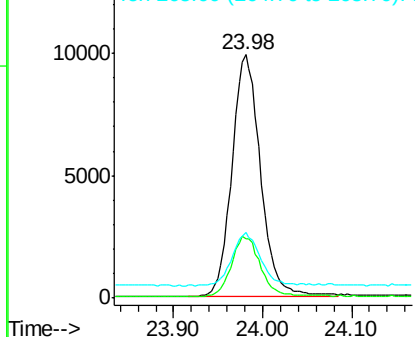


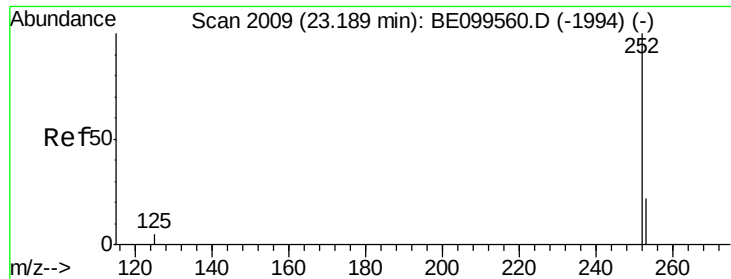
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE099567.D
Acq: 7 May 2019 16:12

Tgt Ion:264 Resp: 21973
Ion Ratio Lower Upper
264 100
260 24.5 19.9 29.9
265 26.8 22.2 33.2



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: 0.362 ng

RT: 23.19 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

DFTPP

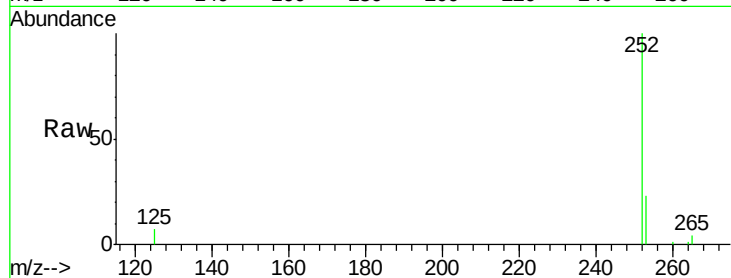
Tot Ion:252 Resp: 21947

Ion Ratio Lower Upper

252 100

253 23.2 19.0 28.4

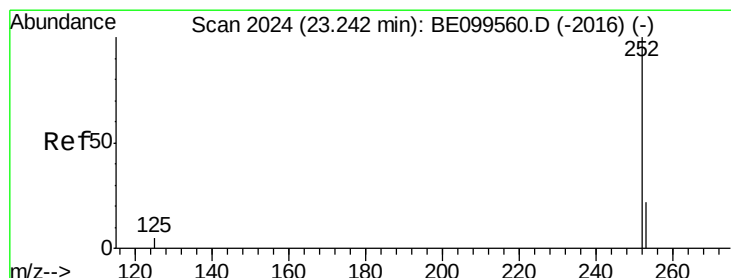
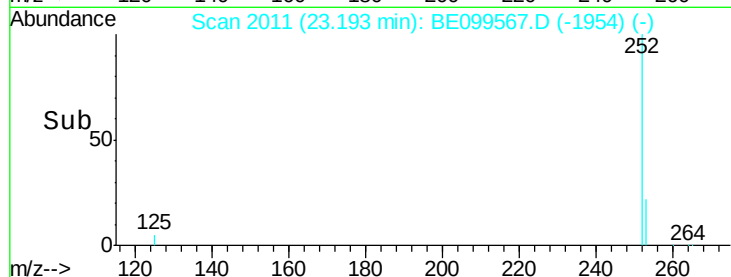
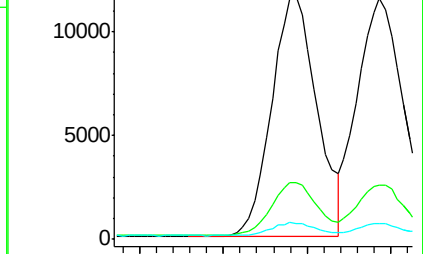
125 6.7 5.8 8.6



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



#36

Benzo(k)fluoranthene

Concen: 0.384 ng

RT: 23.24 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

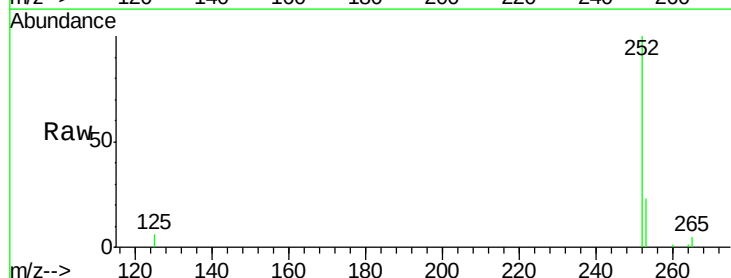
Tgt Ion:252 Resp: 22893

Ion Ratio Lower Upper

252 100

253 22.7 19.1 28.7

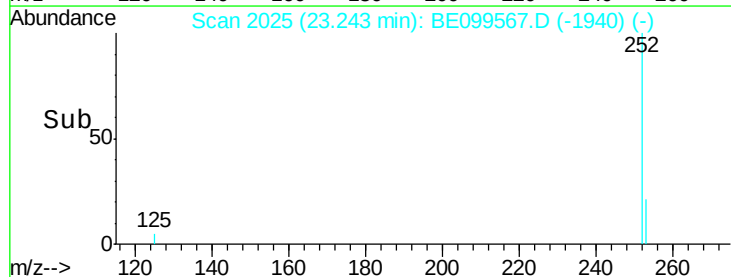
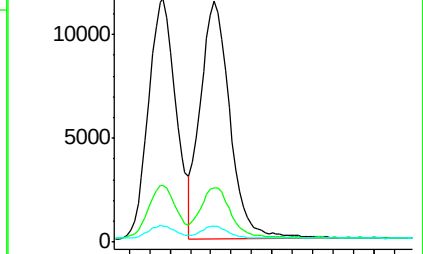
125 6.5 5.8 8.6

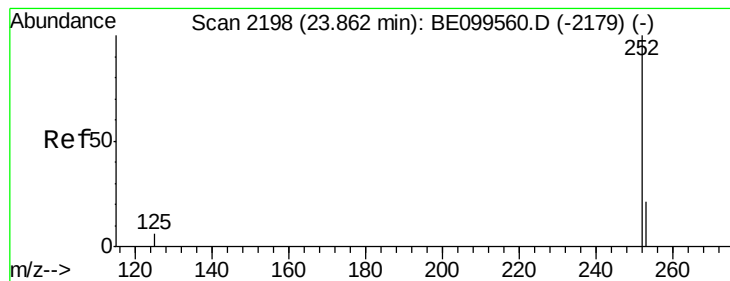


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.375 ng

RT: 23.86 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

DFTPP

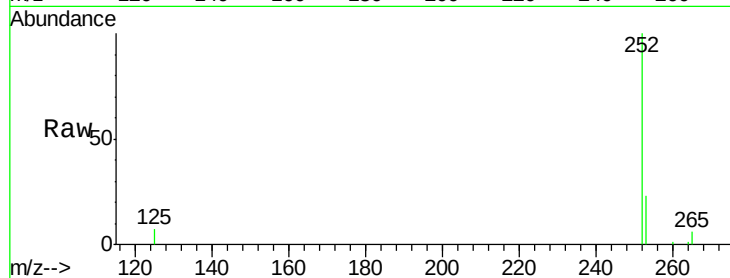
Tot Ion:252 Resp: 21929

Ion Ratio Lower Upper

252 100

253 22.9 18.9 28.3

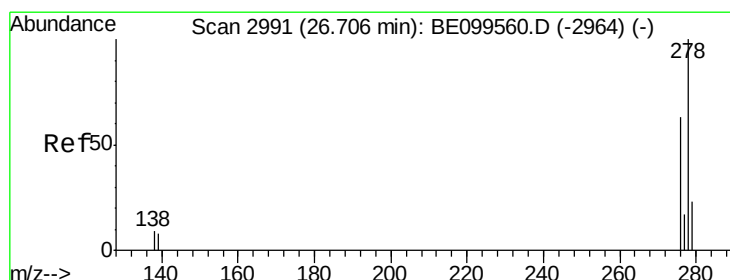
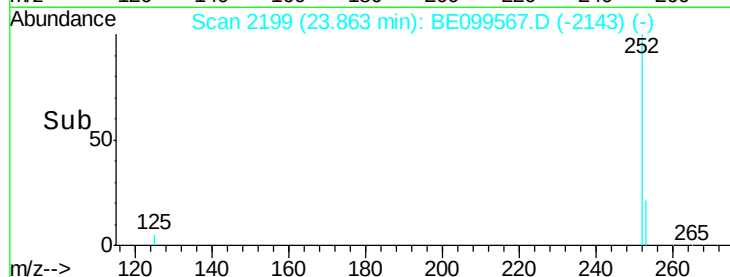
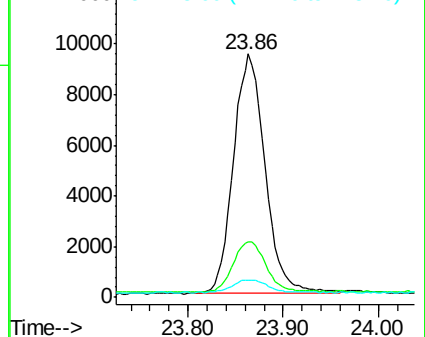
125 6.9 6.6 9.8



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



#38

Dibenzo(a,h)anthracene

Concen: 0.370 ng

RT: 26.71 min Scan# 2994

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

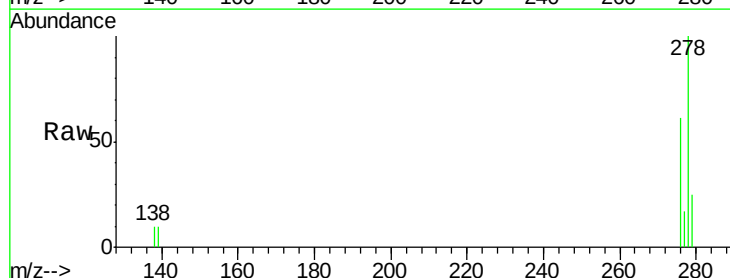
Tgt Ion:278 Resp: 22372

Ion Ratio Lower Upper

278 100

139 10.0 7.7 11.5

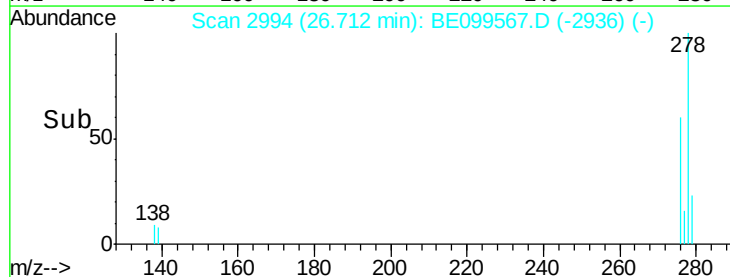
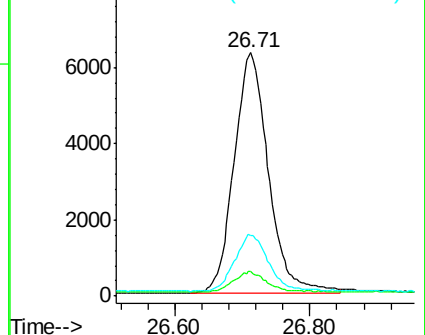
279 24.9 21.0 31.4

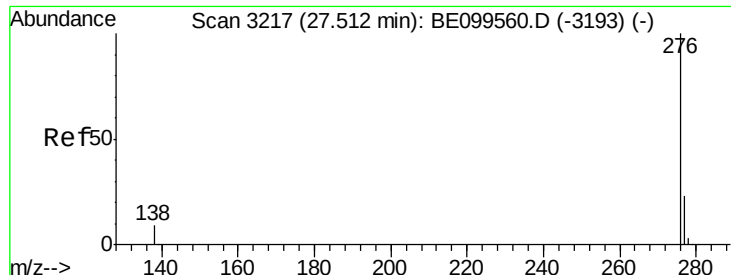


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.384 ng

RT: 27.52 min Scan# 3220

Delta R.T. 0.01 min

Lab File: BE099567.D

Acq: 7 May 2019 16:12

Instrument :

BNA_E

ClientSampleId :

DFTPP

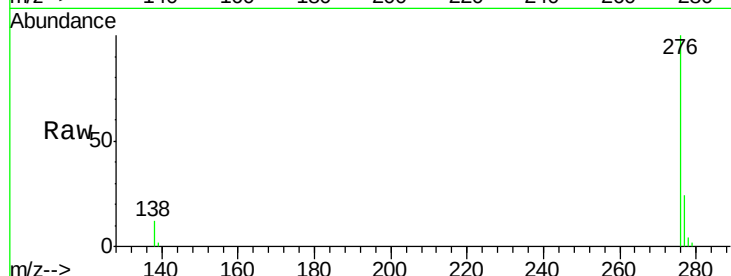
Tot Ion: 276 Resp: 23225

Ion Ratio Lower Upper

276 100

277 24.3 19.7 29.5

138 11.6 8.6 12.8



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

