

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
 Data File : BE099565.D
 Acq On : 7 May 2019 14:30
 Operator : JU/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE050719

Quant Time: May 07 15:21:07 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	7.84	152	1683	0.40	ng	0.02
7) Naphthalene-d8	10.64	136	6024	0.40	ng	0.01
13) Acenaphthene-d10	14.51	164	4377	0.40	ng	0.01
19) Phenanthrene-d10	17.26	188	12723	0.40	ng	0.01
27) Chrysene-d12	21.43	240	18806	0.40	ng	0.00
34) Perylene-d12	23.99	264	19677	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	1893	0.41	ng	0.00
5) Phenol-d6	7.00	99	2403	0.39	ng	0.02
8) Nitrobenzene-d5	9.00	82	2294	0.40	ng	0.03
11) 2-Methylnaphthalene-d10	12.25	152	4394	0.42	ng	0.03
14) 2,4,6-Tribromophenol	16.00	330	1094	0.38	ng	0.01
15) 2-Fluorobiphenyl	13.13	172	6666	0.40	ng	0.01
25) Fluoranthene-d10	19.28	212	68172	0.40	ng	0.00
29) Terphenyl-d14	19.88	244	13937	0.40	ng	0.01

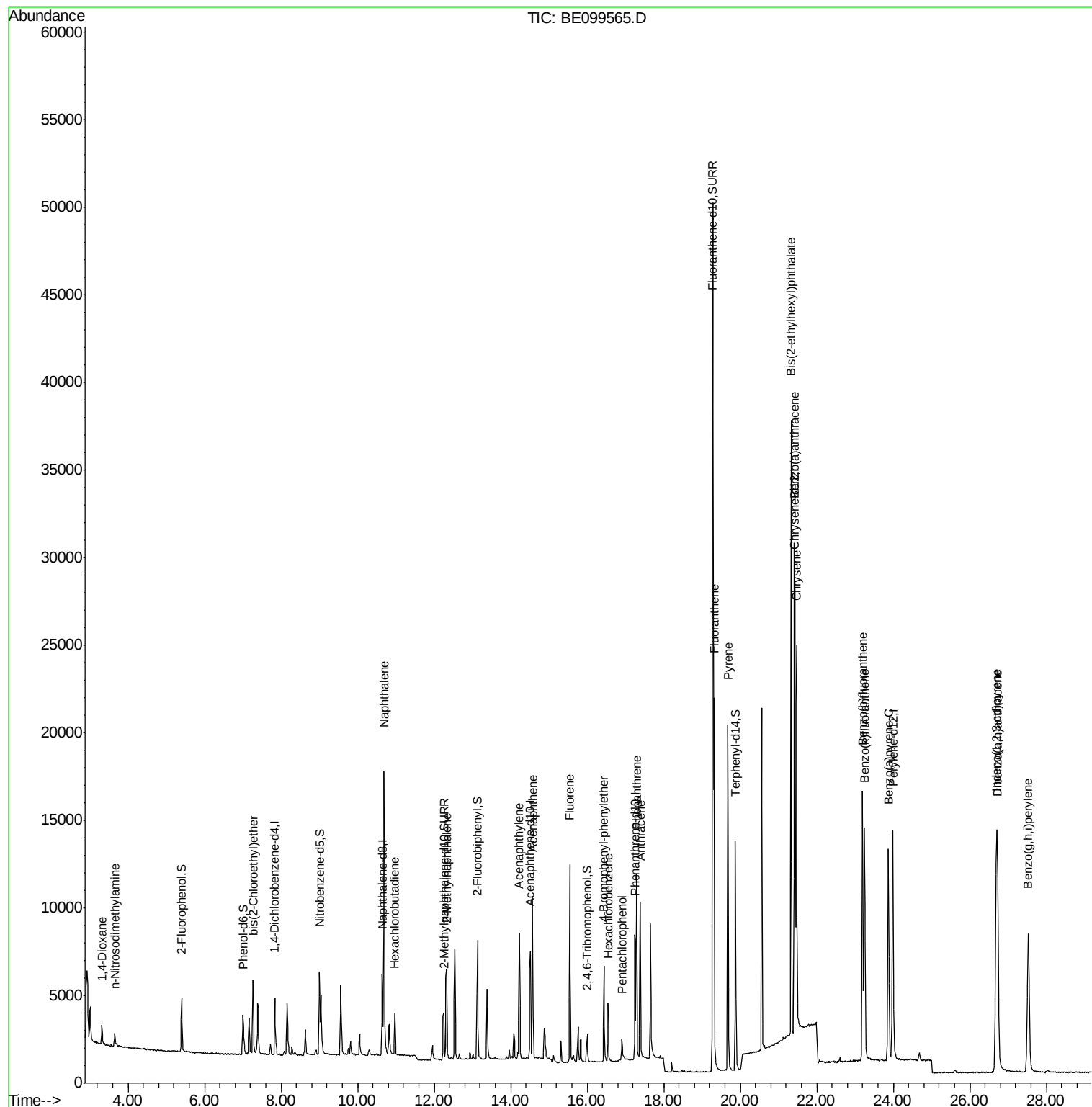
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	955	0.402	ng	# 96
3) n-Nitrosodimethylamine	3.65	42	587	0.373	ng	# 86
6) bis(2-Chloroethyl)ether	7.26	93	2034	0.398	ng	98
9) Naphthalene	10.69	128	26366	0.413	ng	99
10) Hexachlorobutadiene	10.96	225	1952	0.421	ng	95
12) 2-Methylnaphthalene	12.32	142	4406	0.407	ng	99
16) Acenaphthylene	14.23	152	8270	0.392	ng	100
17) Acenaphthene	14.57	154	4591	0.389	ng	95
18) Fluorene	15.54	166	6716	0.399	ng	99
20) 4-Bromophenyl-phenylether	16.44	248	2761	0.382	ng	# 82
21) Hexachlorobenzene	16.55	284	2872	0.399	ng	98
22) Pentachlorophenol	16.91	266	1031	0.348	ng	91
23) Phenanthrene	17.30	178	12778	0.407	ng	99
24) Anthracene	17.39	178	12050	0.400	ng	99
26) Fluoranthene	19.31	202	19240	0.398	ng	99
28) Pyrene	19.67	202	20112	0.399	ng	99
30) Benzo(a)anthracene	21.41	228	22425	0.385	ng	98
31) Chrysene	21.47	228	23205	0.404	ng	99
32) Bis(2-ethylhexyl)phthalate	21.33	149	36543	0.396	ng	100
33) Indeno(1,2,3-cd)pyrene	26.69	276	26609	0.390	ng	99
35) Benzo(b)fluoranthene	23.20	252	22081	0.407	ng	99
36) Benzo(k)fluoranthene	23.25	252	22144	0.415	ng	98
37) Benzo(a)pyrene	23.87	252	21166	0.404	ng	98
38) Dibenzo(a,h)anthracene	26.72	278	21790	0.403	ng	97
39) Benzo(g,h,i)perylene	27.53	276	21925	0.404	ng	98

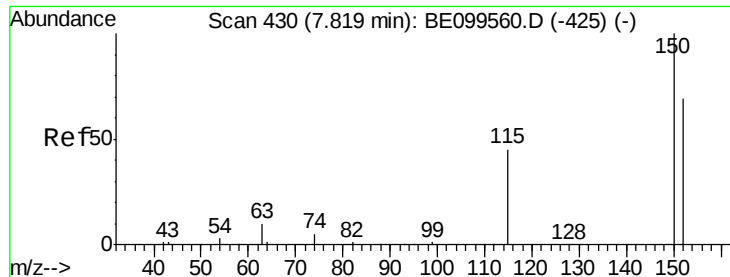
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:10:11 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.84 min Scan# 432

Delta R.T. 0.02 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

ICVBE050719

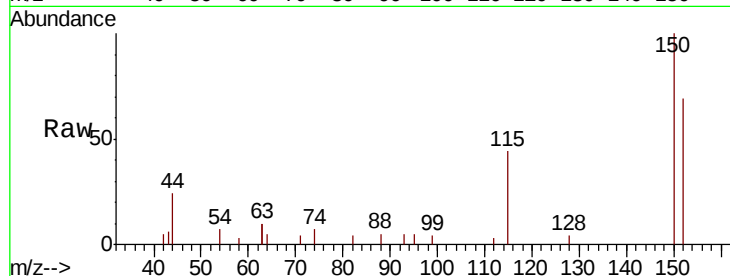
Tot Ion:152 Resp: 1683

Ion Ratio Lower Upper

152 100

150 143.9 113.8 170.6

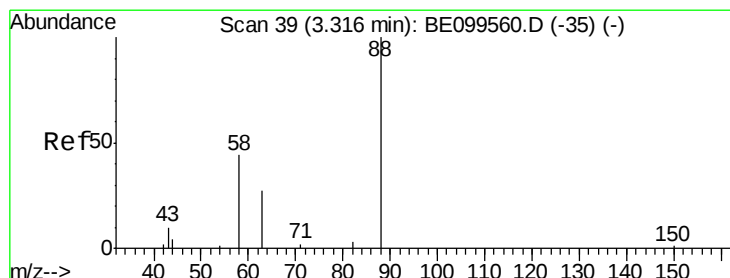
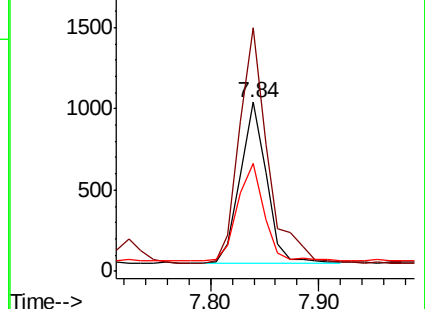
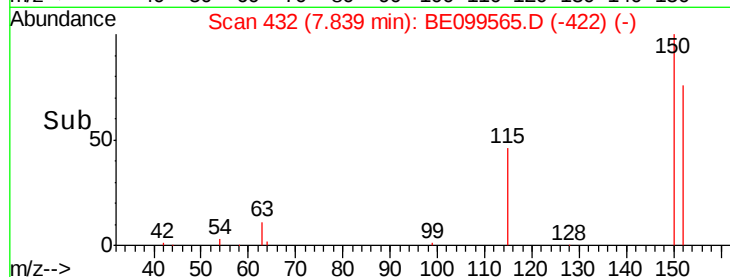
115 63.9 54.2 81.2



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: 0.402 ng

RT: 3.31 min Scan# 39

Delta R.T. -0.00 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

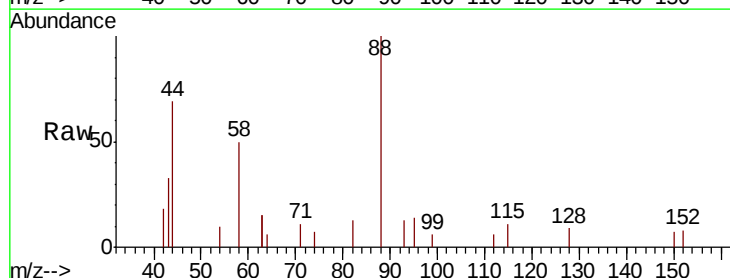
Tgt Ion: 88 Resp: 955

Ion Ratio Lower Upper

88 100

58 57.6 46.6 69.8

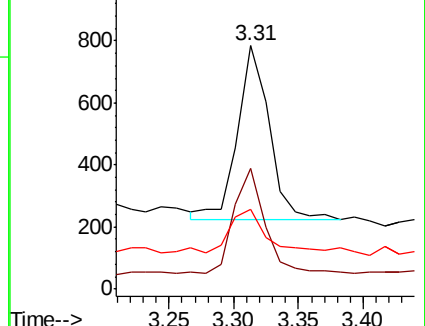
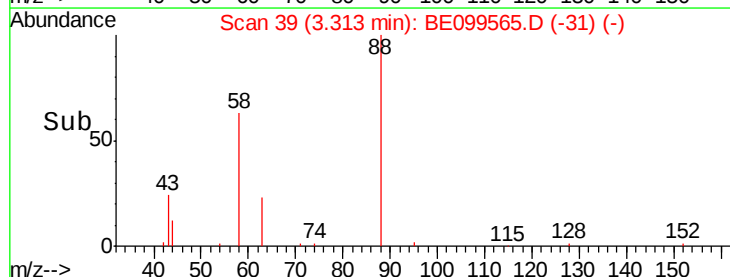
43 31.7 20.3 30.5#

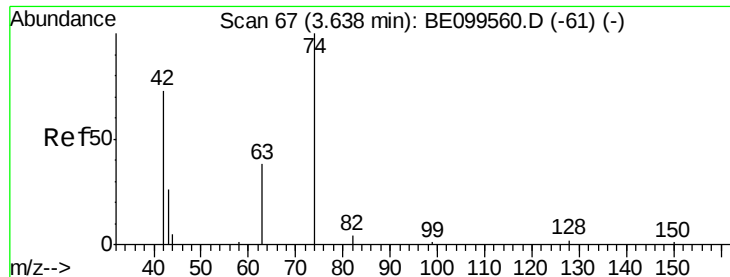


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.373 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

ICVBE050719

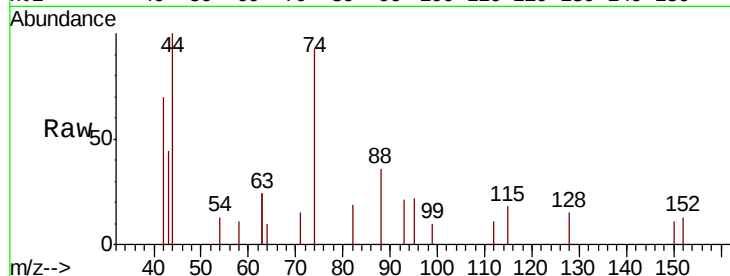
Tot Ion: 42 Resp: 587

Ion Ratio Lower Upper

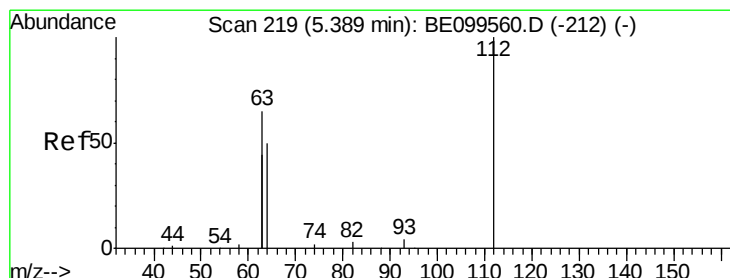
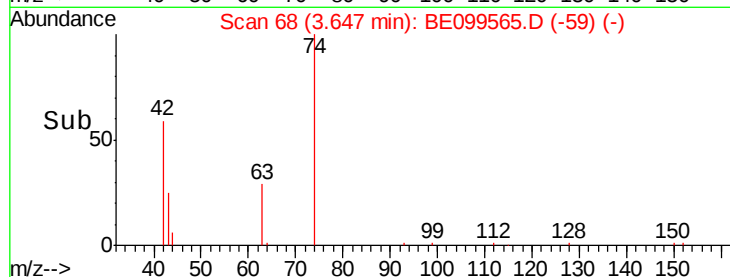
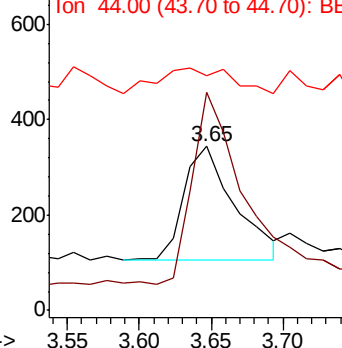
42 100

74 169.5 121.3 181.9

44 30.5 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: 0.406 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

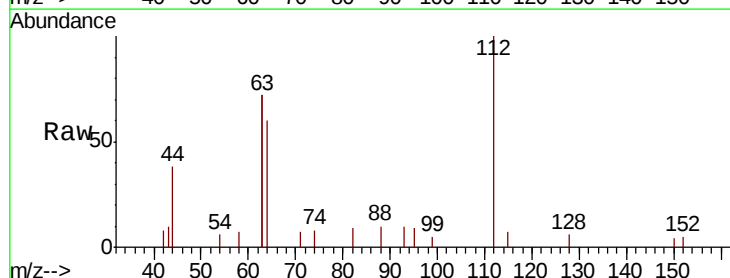
Tgt Ion: 112 Resp: 1893

Ion Ratio Lower Upper

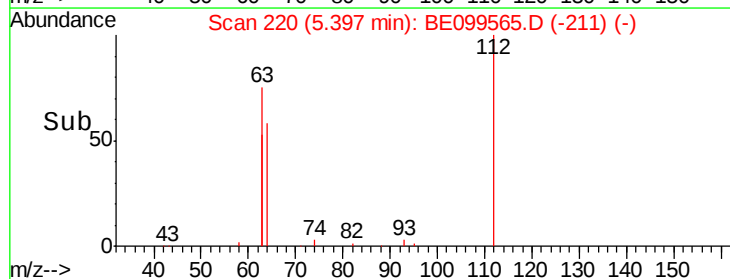
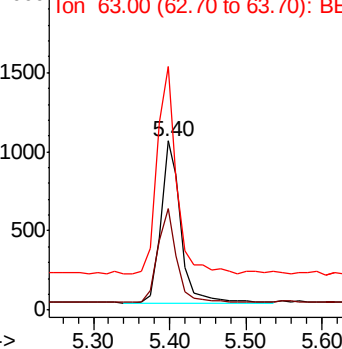
112 100

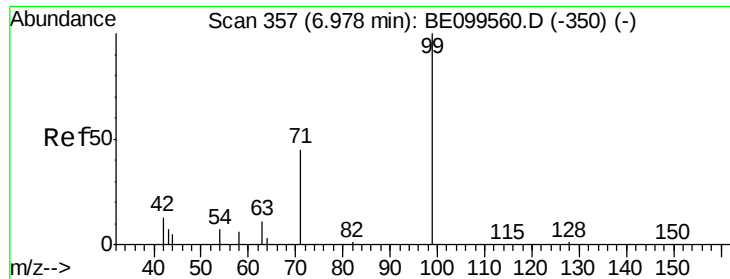
64 55.0 46.3 69.5

63 124.5 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: 0.391 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.02 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

ICVBE050719

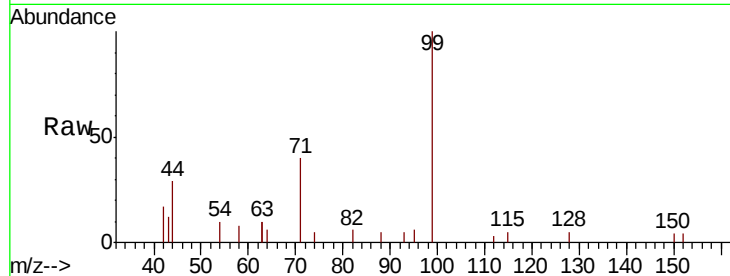
Tot Ion: 99 Resp: 2403

Ion Ratio Lower Upper

99 100

42 15.1 13.4 20.0

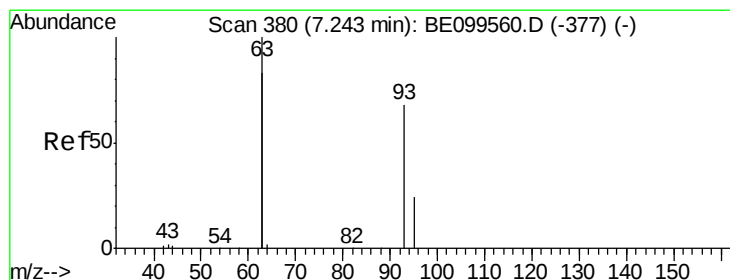
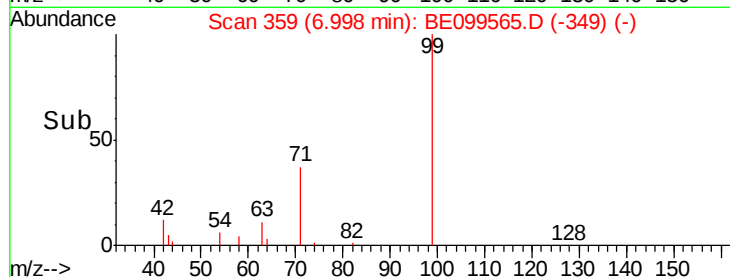
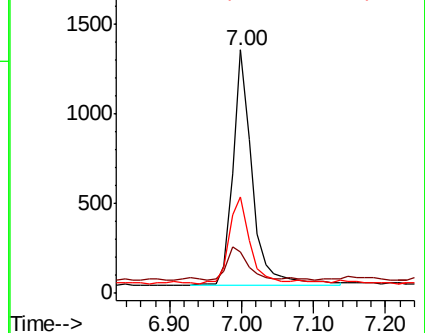
71 39.7 34.2 51.2



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: 0.398 ng

RT: 7.26 min Scan# 382

Delta R.T. 0.02 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

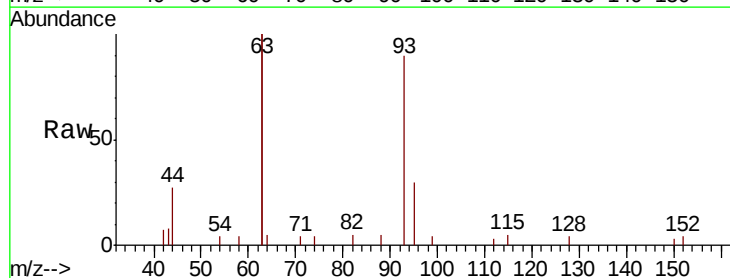
Tgt Ion: 93 Resp: 2034

Ion Ratio Lower Upper

93 100

63 263.6 209.0 313.4

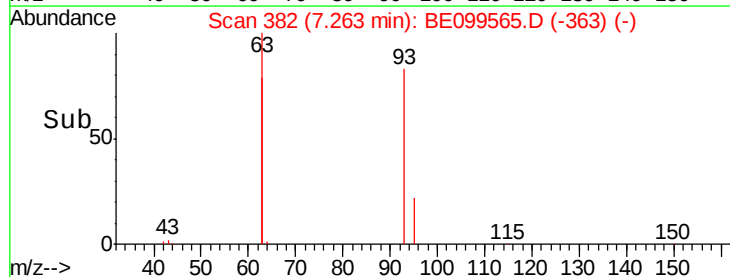
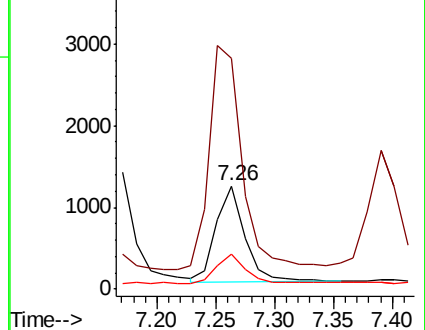
95 31.7 26.9 40.3

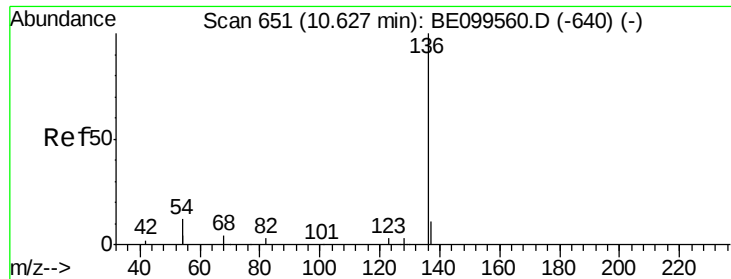


Abundance Ion 93.00 (92.70 to 93.70): BE0

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# 652

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

ICVBE050719

Tot Ion:136 Resp: 6024

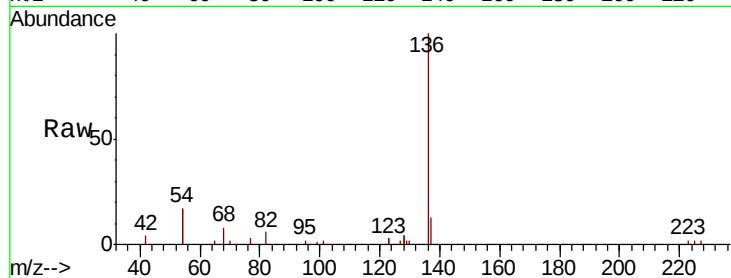
Ion Ratio Lower Upper

136 100

137 12.5 10.0 15.0

54 33.0 18.6 28.0#

68 8.2 4.6 6.8#

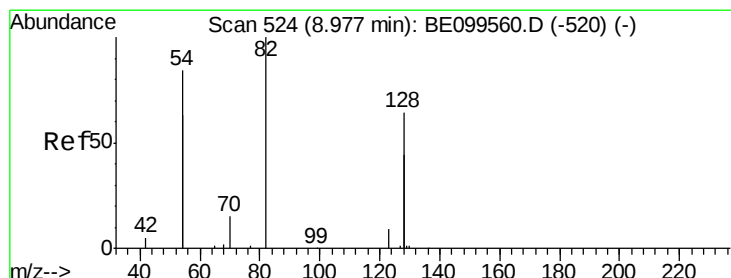
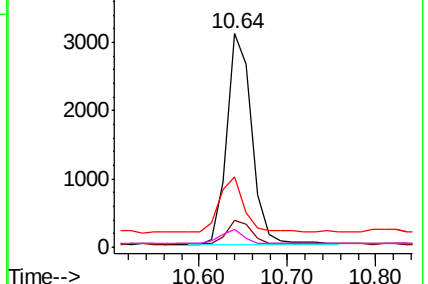
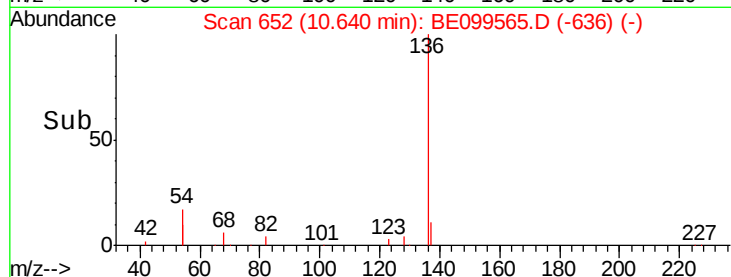


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.395 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.03 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

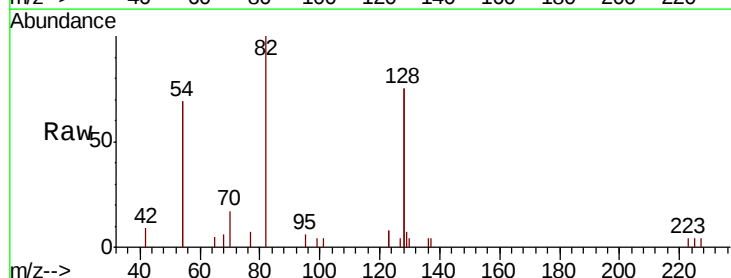
Tgt Ion: 82 Resp: 2294

Ion Ratio Lower Upper

82 100

128 150.2 97.6 146.4#

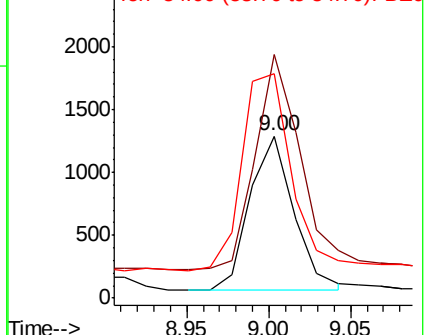
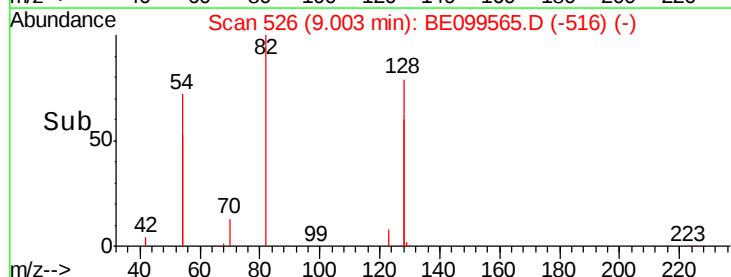
54 138.1 127.4 191.2

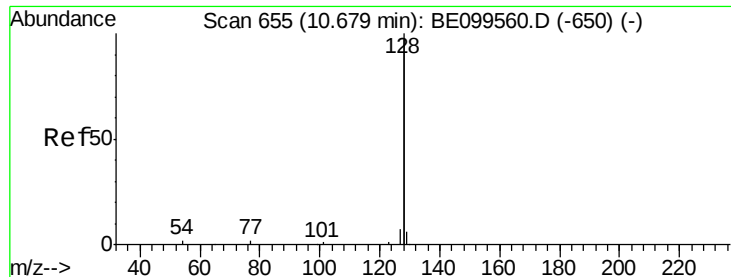


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.413 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

ICVBE050719

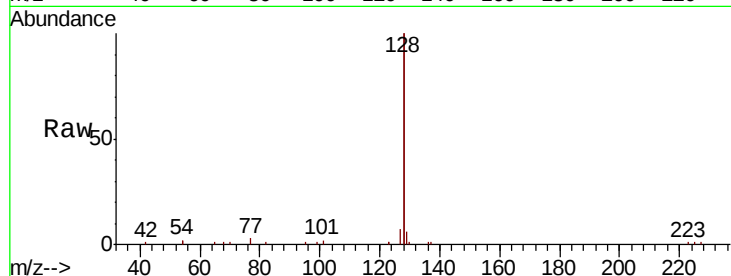
Tot Ion:128 Resp: 26366

Ion Ratio Lower Upper

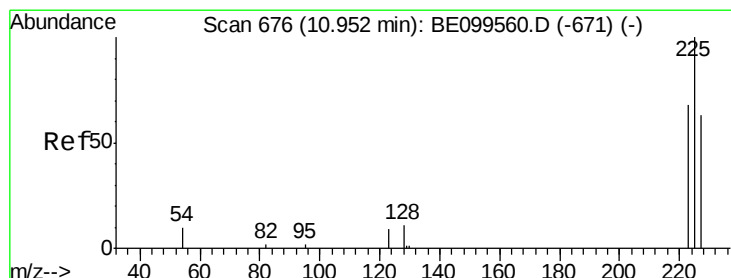
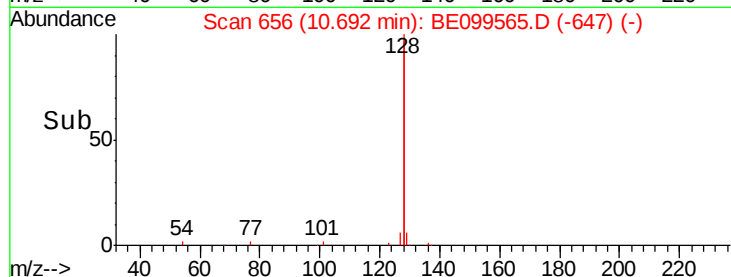
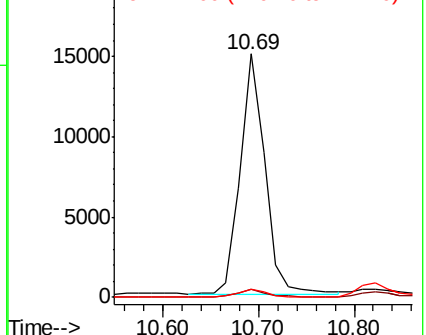
128 100

129 3.1 2.6 3.8

127 3.4 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: 0.421 ng

RT: 10.96 min Scan# 677

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

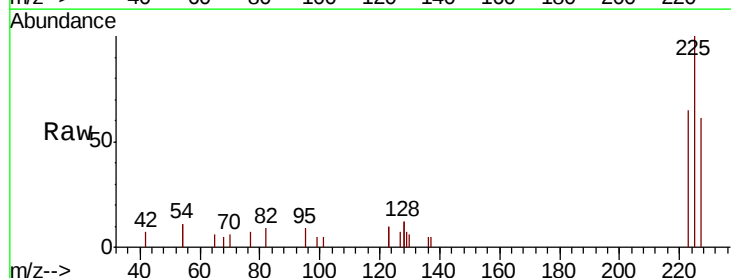
Tgt Ion:225 Resp: 1952

Ion Ratio Lower Upper

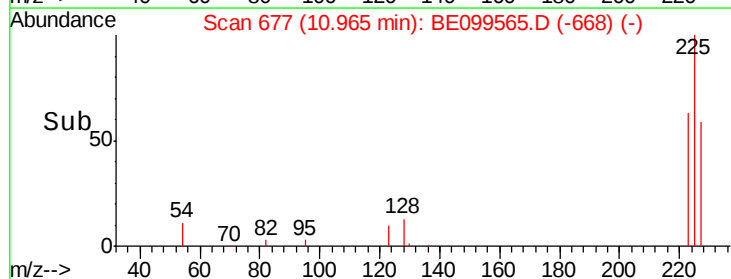
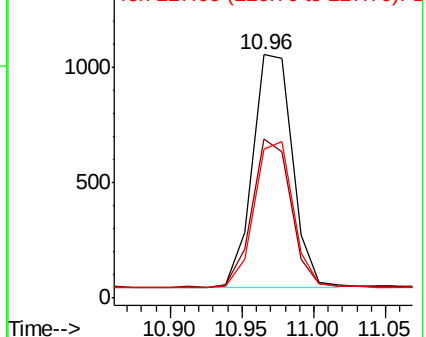
225 100

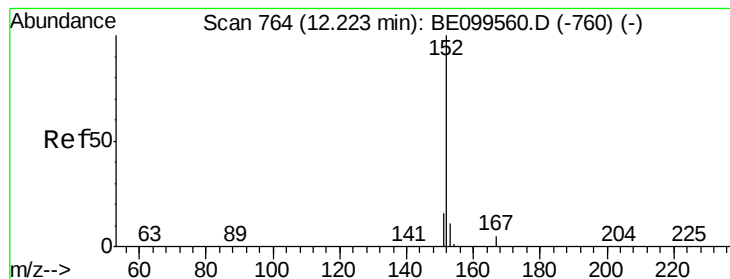
223 61.6 53.0 79.6

227 61.0 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: 0.419 ng

RT: 12.25 min Scan# 766

Delta R.T. 0.03 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

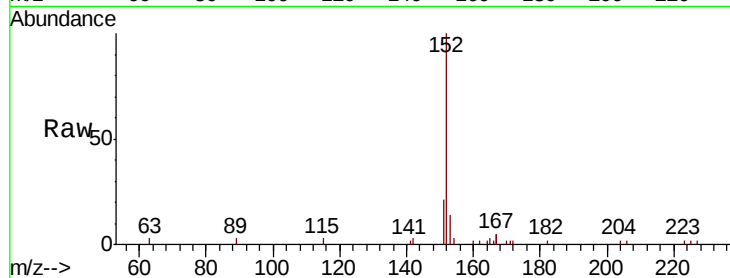
ICVBE050719

Tot Ion:152 Resp: 4394

Ion Ratio Lower Upper

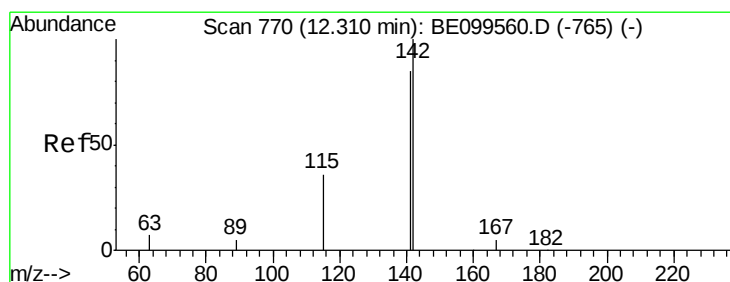
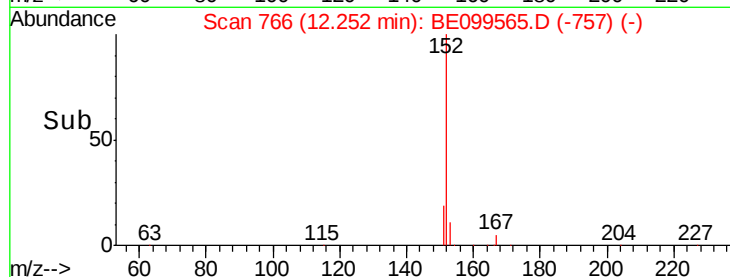
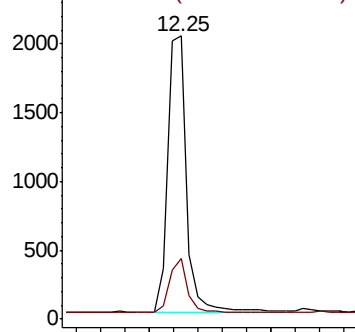
152 100

151 18.6 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.407 ng

RT: 12.32 min Scan# 771

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

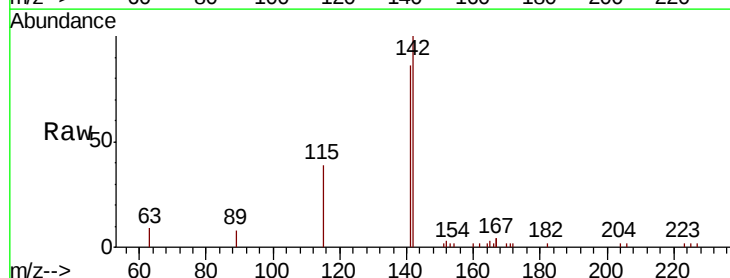
Tgt Ion:142 Resp: 4406

Ion Ratio Lower Upper

142 100

141 86.1 68.1 102.1

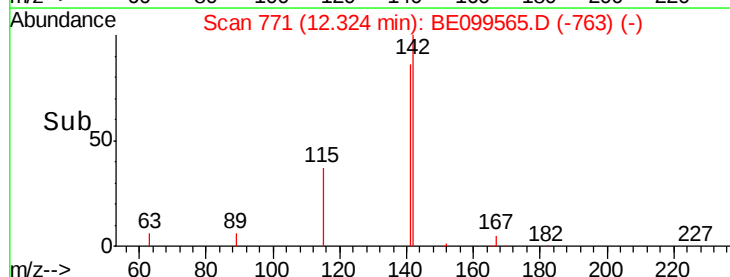
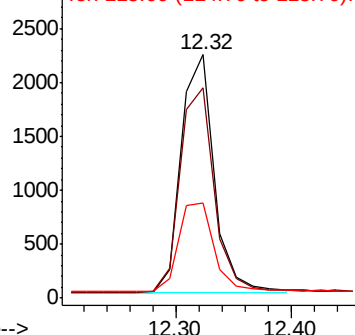
115 38.9 30.8 46.2

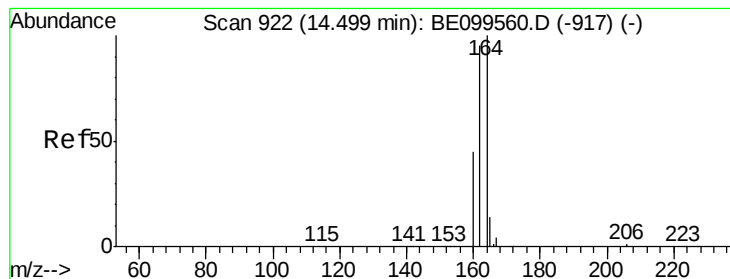


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

ICVBE050719

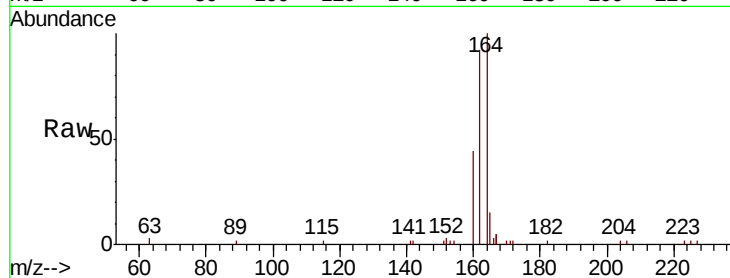
Tot Ion:164 Resp: 4377

Ion Ratio Lower Upper

164 100

162 91.9 76.4 114.6

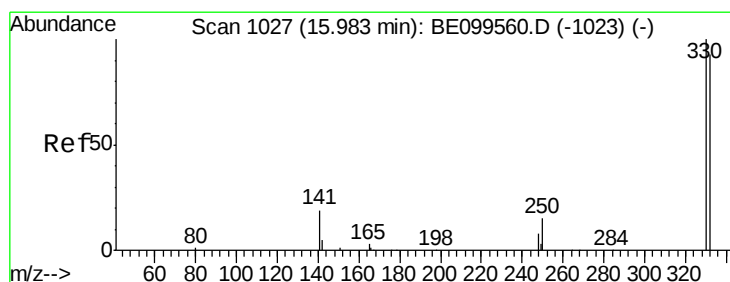
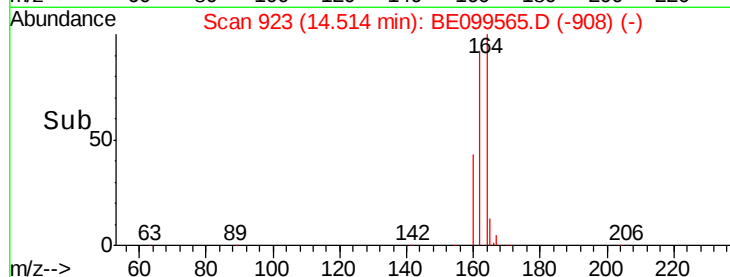
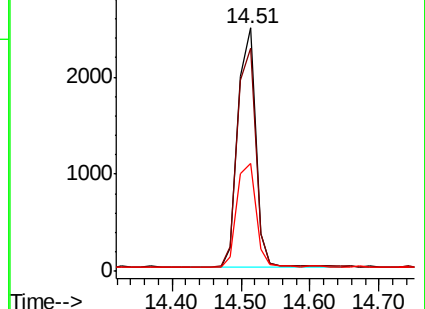
160 44.3 36.6 55.0



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: 0.375 ng

RT: 16.00 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

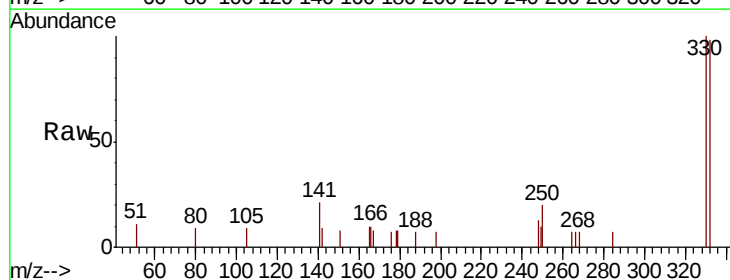
Tgt Ion:330 Resp: 1094

Ion Ratio Lower Upper

330 100

332 93.5 77.7 116.5

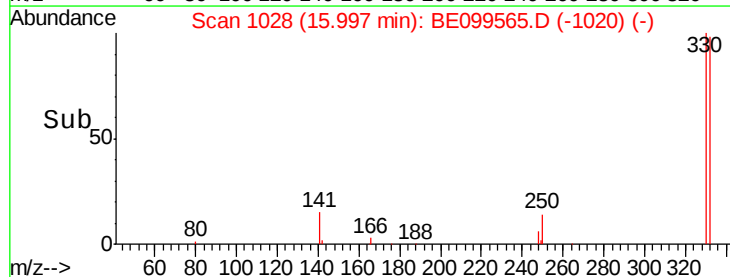
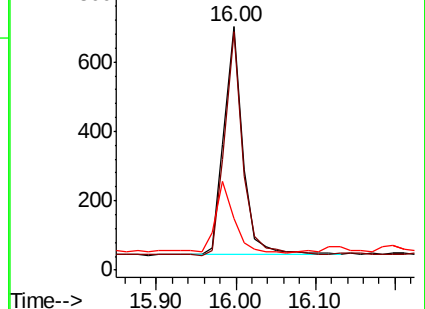
141 30.6 26.1 39.1

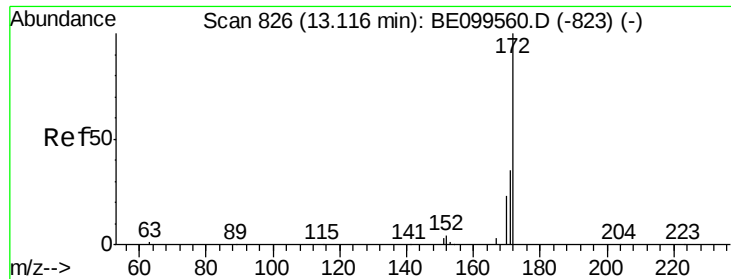


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

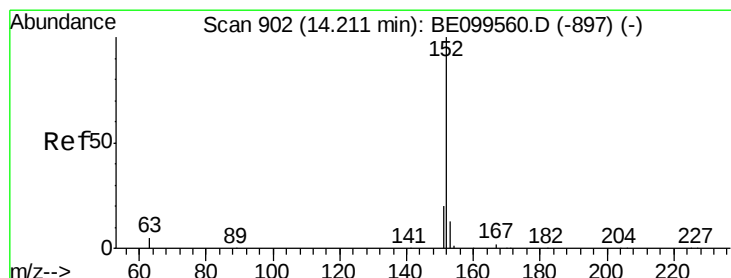
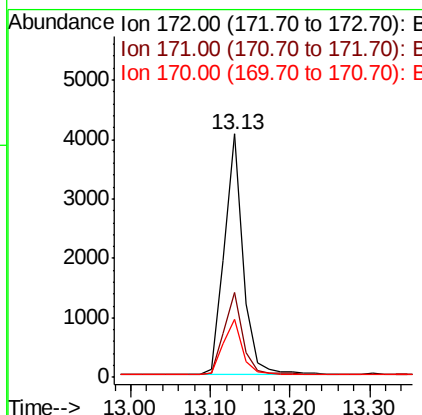
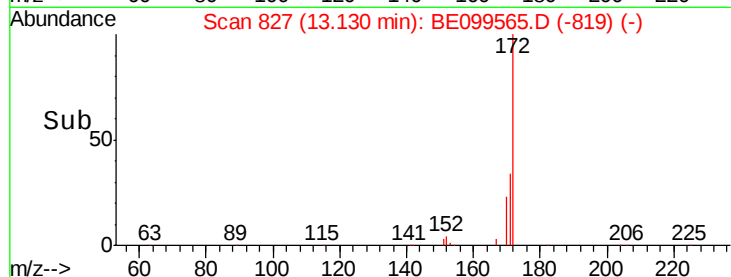
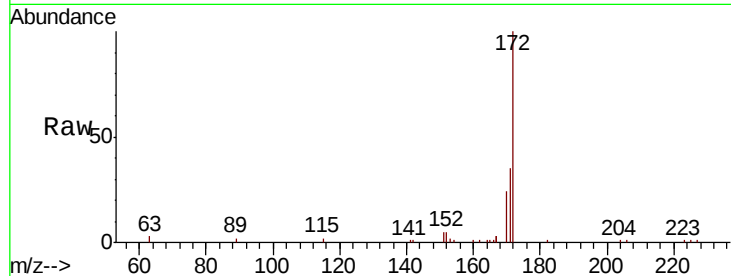




#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

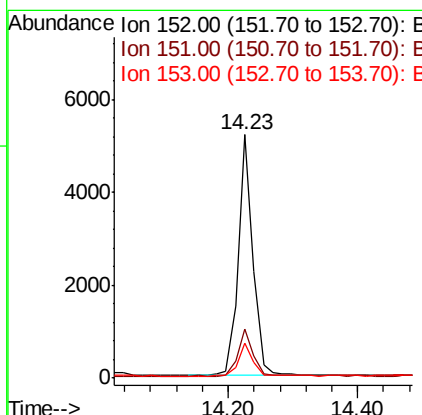
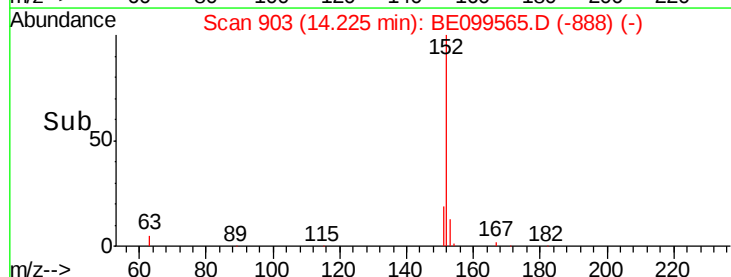
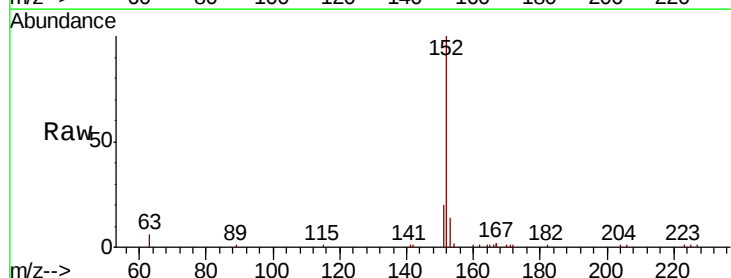
Instrument :
BNA_E
ClientSampleId :
ICVBE050719

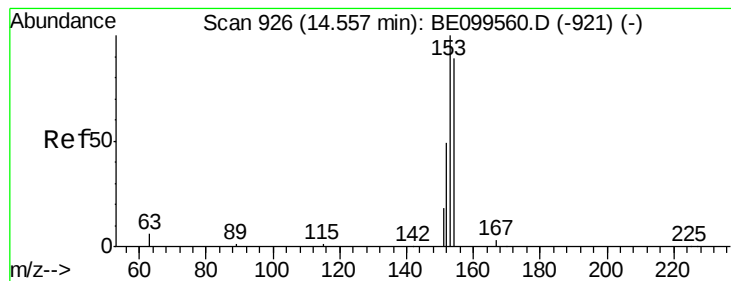
Tot Ion:172 Resp: 6666
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.7 18.8 28.2



#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:152 Resp: 8270
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.4 10.5 15.7





#17

Acenaphthene

Concen: 0.389 ng

RT: 14.57 min Scan# 927

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

ICVBE050719

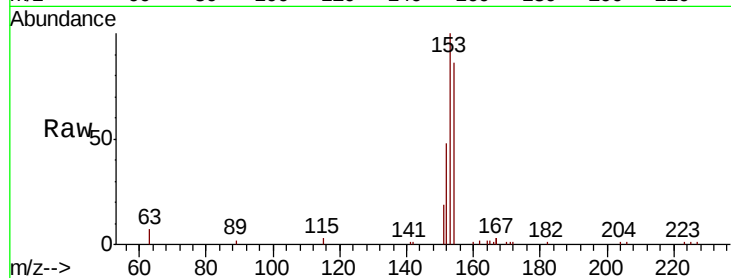
Tot Ion:154 Resp: 4591

Ion Ratio Lower Upper

154 100

153 117.8 89.7 134.5

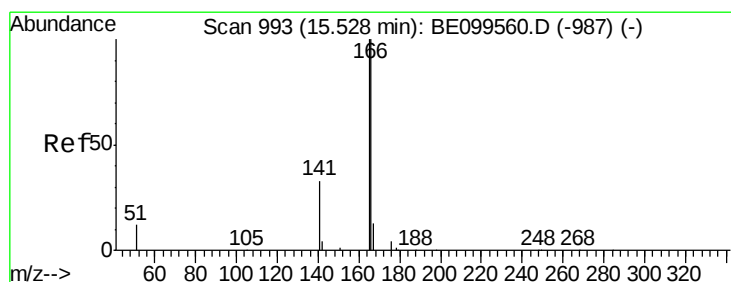
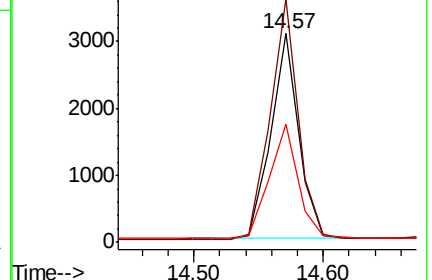
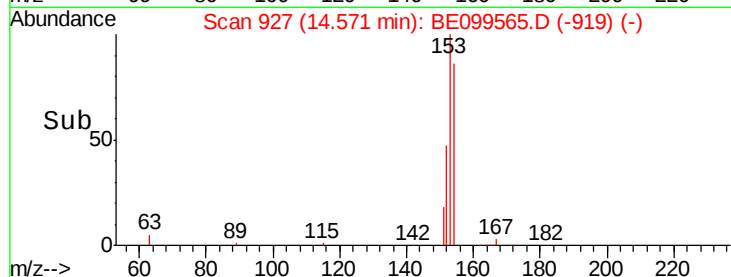
152 57.2 43.9 65.9



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: 0.399 ng

RT: 15.54 min Scan# 994

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

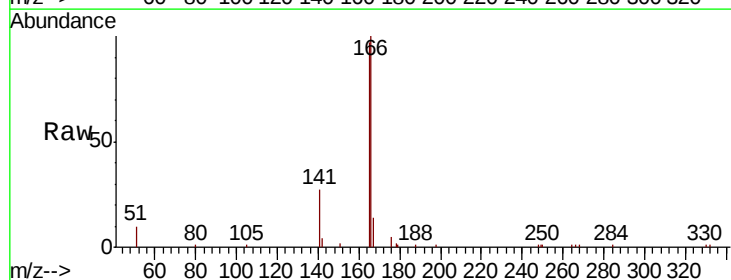
Tgt Ion:166 Resp: 6716

Ion Ratio Lower Upper

166 100

165 99.2 79.0 118.6

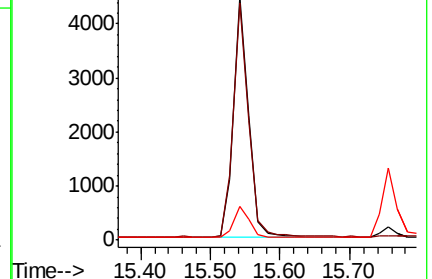
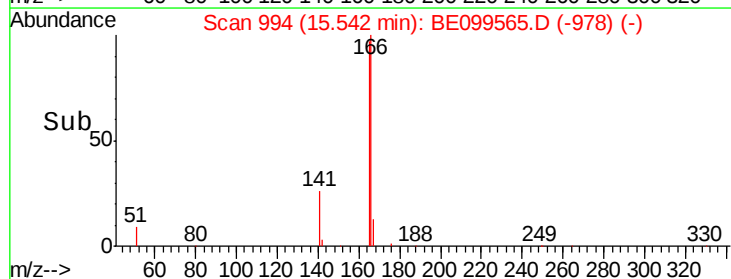
167 13.5 11.5 17.3

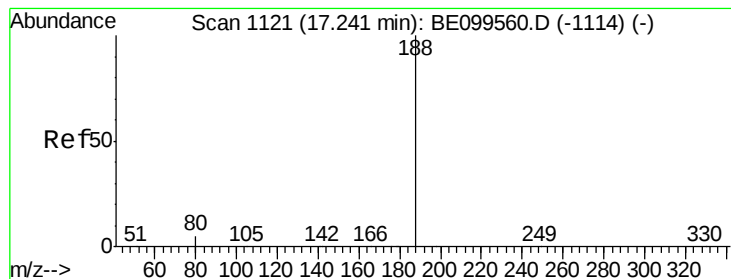


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.26 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

ICVBE050719

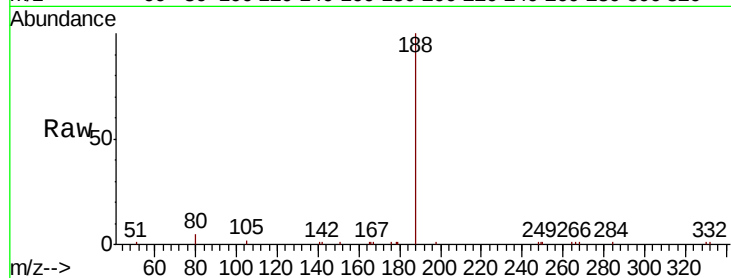
Tot Ion:188 Resp: 12723

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

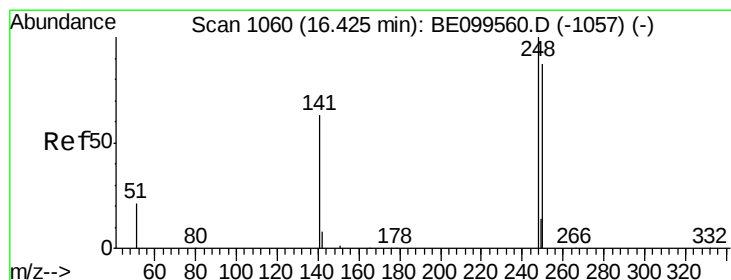
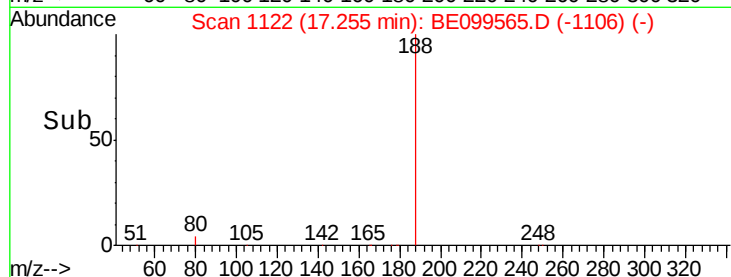
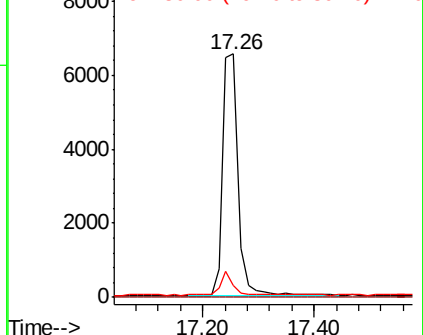
80 4.7 4.6 7.0



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: 0.382 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

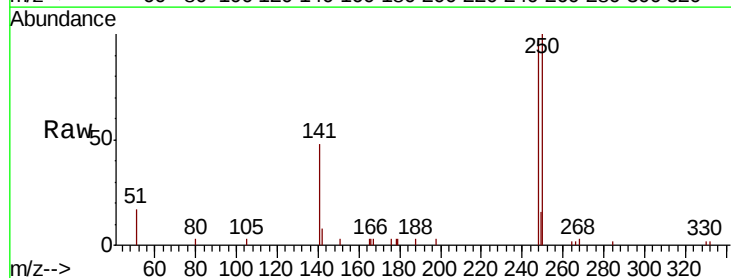
Tgt Ion:248 Resp: 2761

Ion Ratio Lower Upper

248 100

250 103.1 70.0 105.0

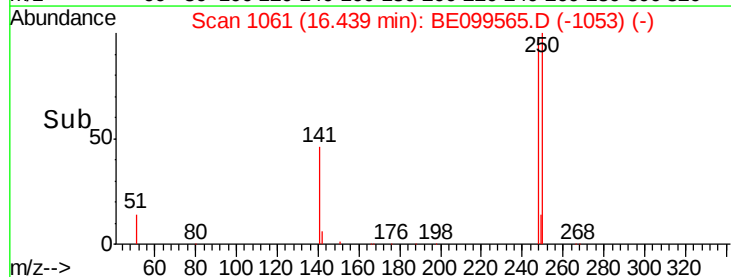
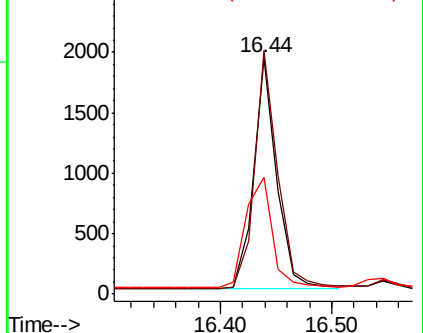
141 49.3 51.8 77.8#

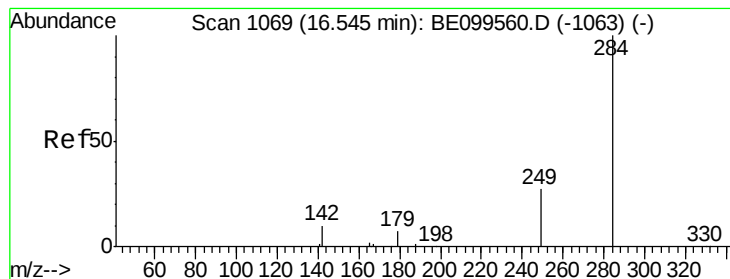


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.399 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

ICVBE050719

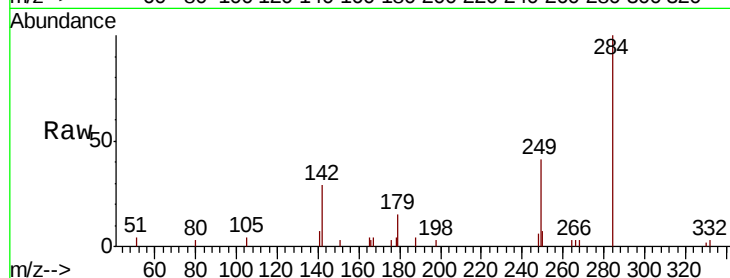
Tot Ion:284 Resp: 2872

Ion Ratio Lower Upper

284 100

142 25.8 19.5 29.3

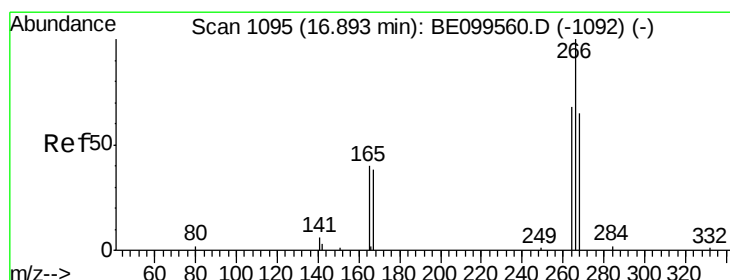
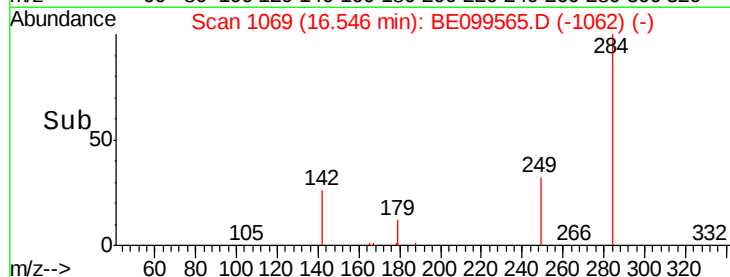
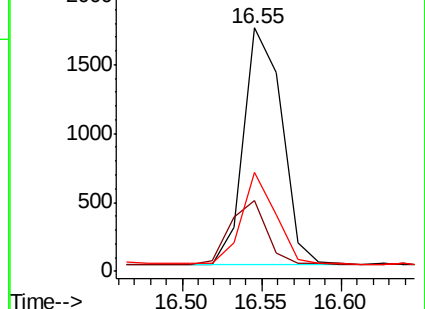
249 33.8 26.2 39.2



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: 0.348 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

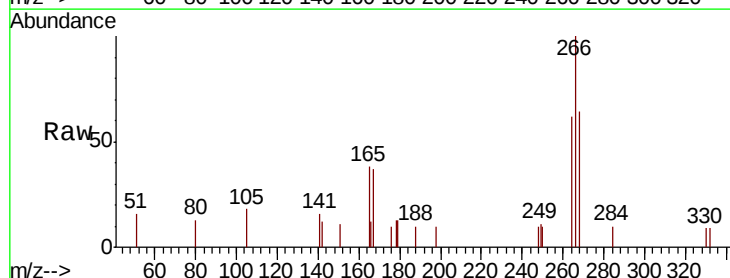
Tgt Ion:266 Resp: 1031

Ion Ratio Lower Upper

266 100

264 62.2 56.6 84.8

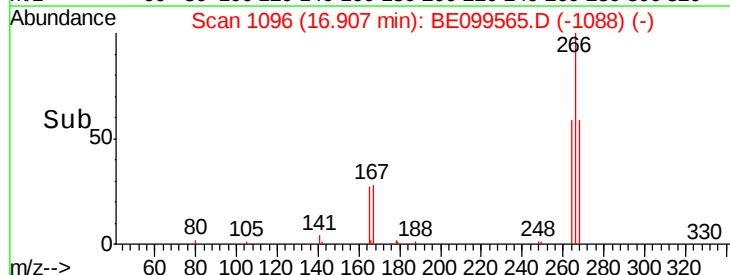
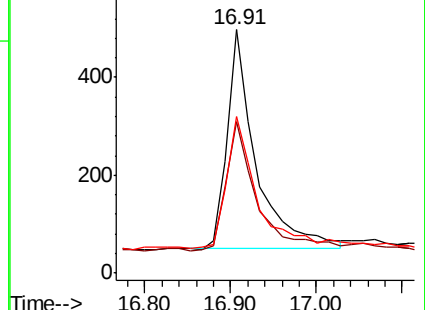
268 64.1 55.8 83.8

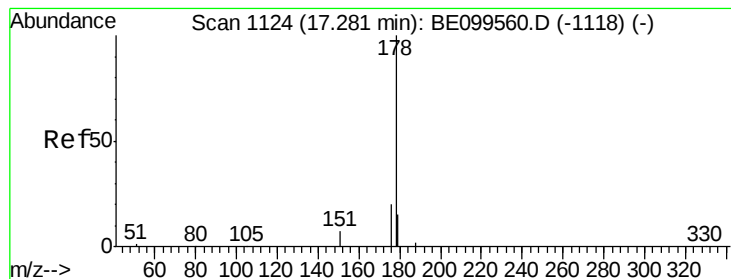


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.407 ng

RT: 17.30 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

ICVBE050719

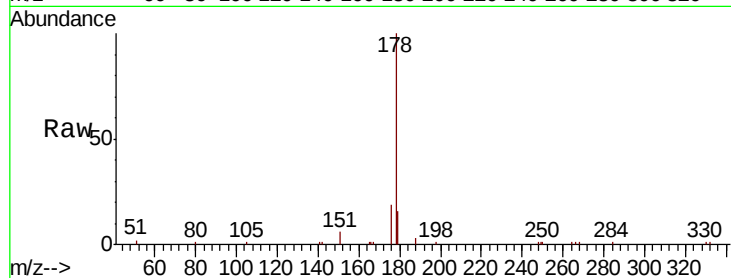
Tot Ion:178 Resp: 12778

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

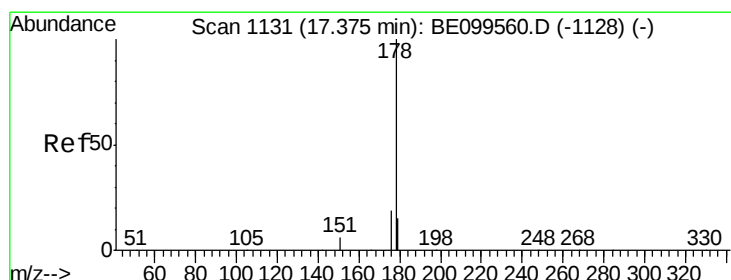
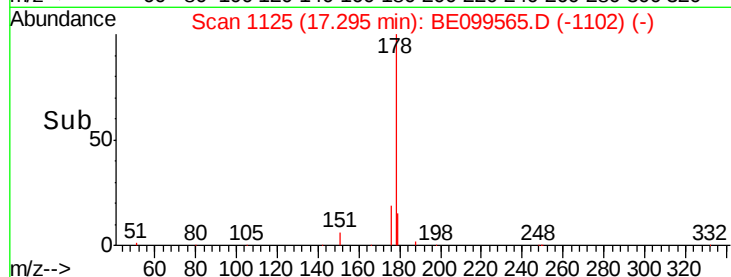
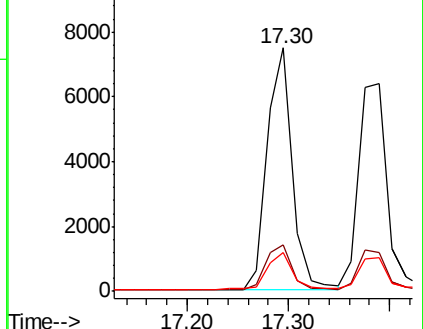
179 15.4 12.5 18.7



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: 0.400 ng

RT: 17.39 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

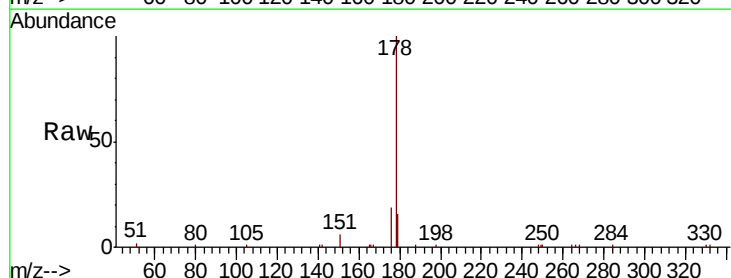
Tgt Ion:178 Resp: 12050

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

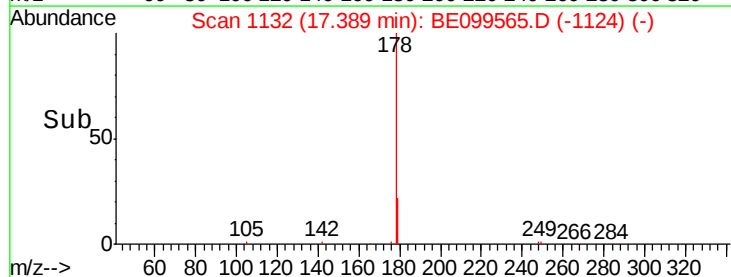
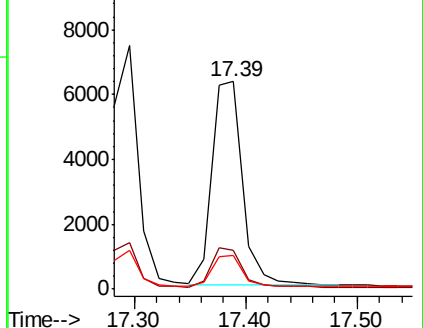
179 15.0 12.2 18.4

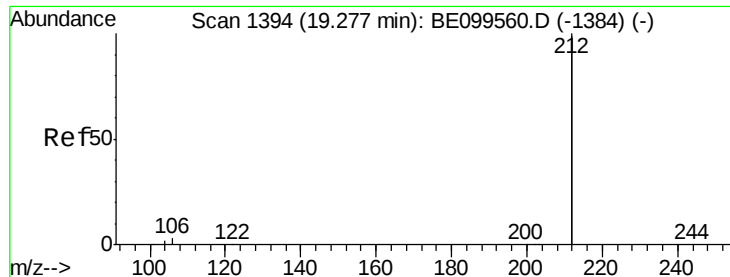


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

ICVBE050719

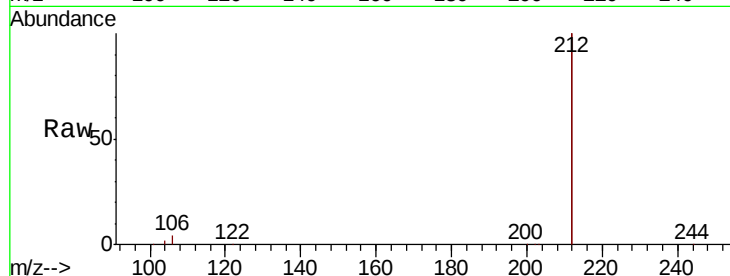
Tot Ion:212 Resp: 68172

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

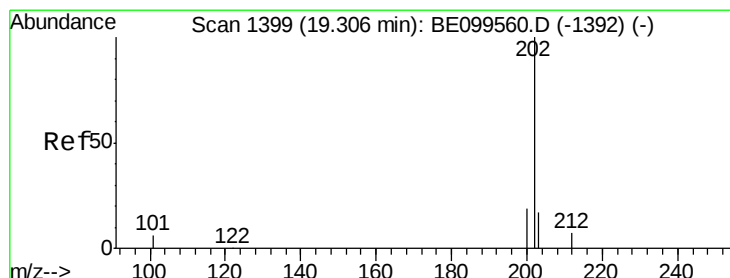
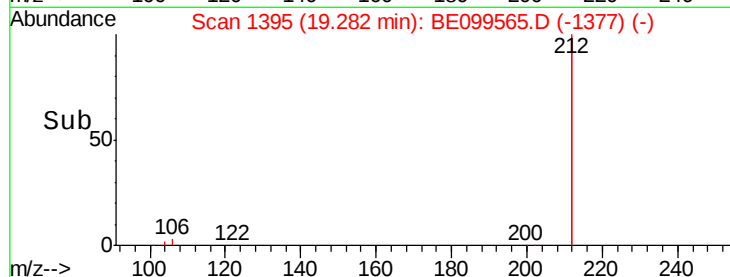
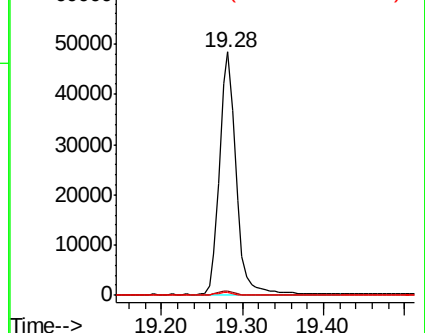
104 1.1 0.8 1.2



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: 0.398 ng

RT: 19.31 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

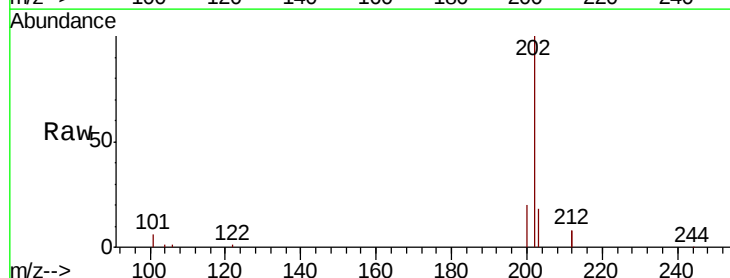
Tgt Ion:202 Resp: 19240

Ion Ratio Lower Upper

202 100

101 6.6 5.3 7.9

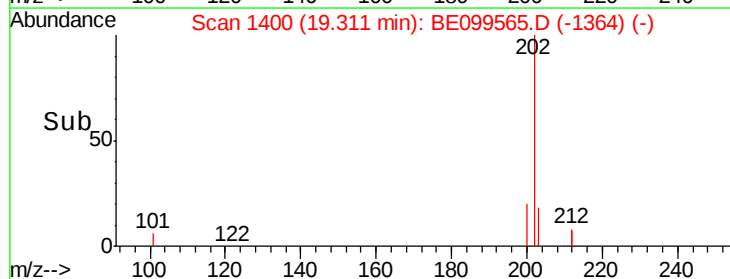
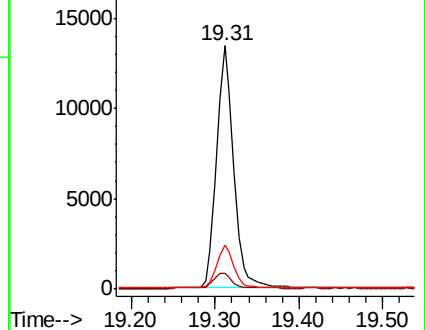
203 17.6 13.4 20.2

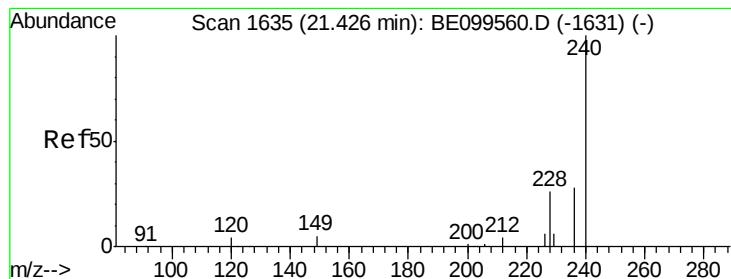


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1635

Delta R.T. -0.00 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

ICVBE050719

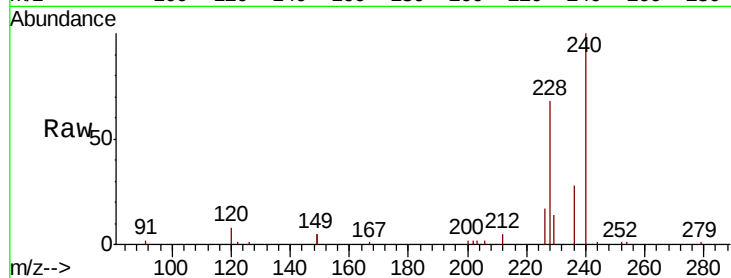
Tot Ion:240 Resp: 18806

Ion Ratio Lower Upper

240 100

120 7.6 3.8 5.6#

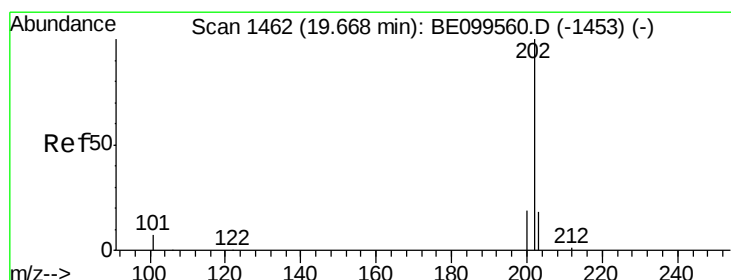
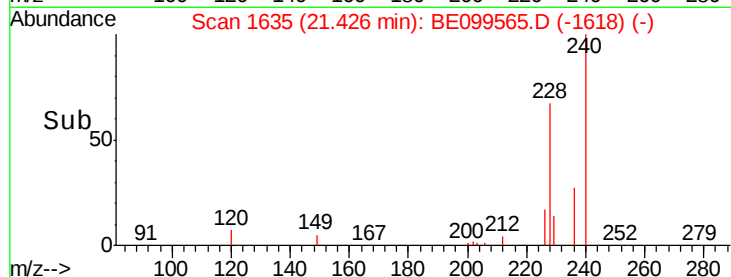
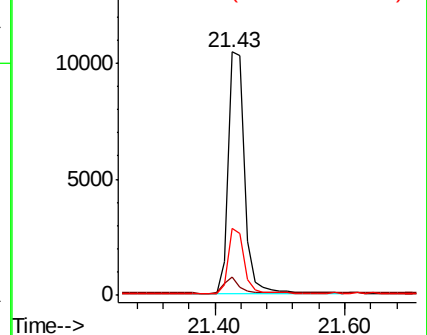
236 27.8 22.5 33.7



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: 0.399 ng

RT: 19.67 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

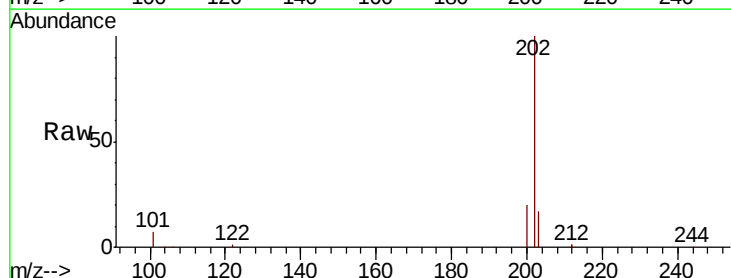
Tgt Ion:202 Resp: 20112

Ion Ratio Lower Upper

202 100

200 19.7 15.8 23.6

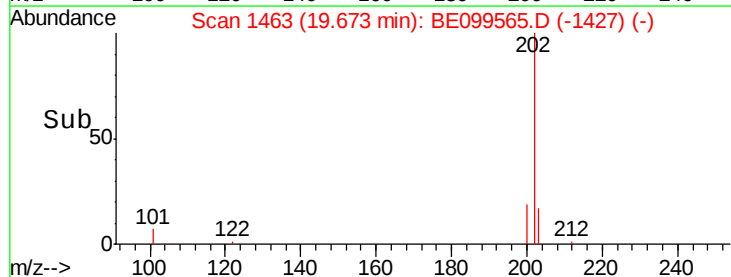
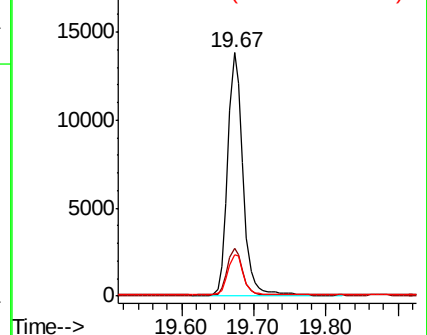
203 17.1 14.1 21.1

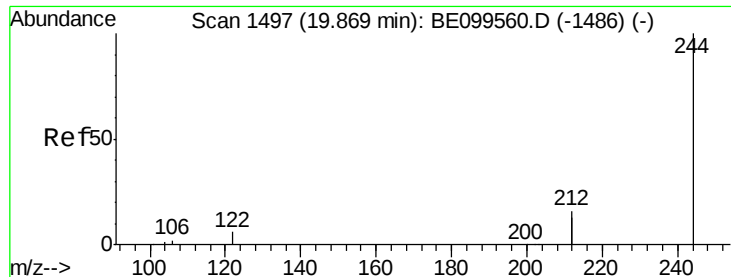


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.400 ng

RT: 19.88 min Scan# 1499

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

ICVBE050719

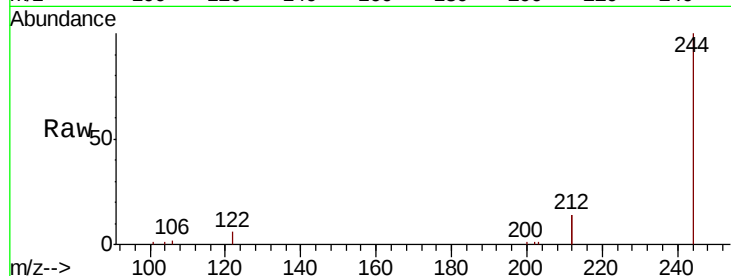
Tot Ion:244 Resp: 13937

Ion Ratio Lower Upper

244 100

212 28.3 24.6 37.0

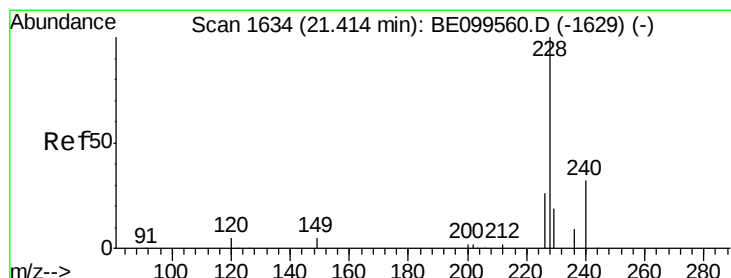
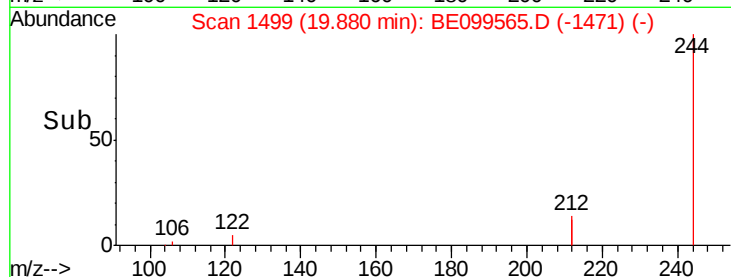
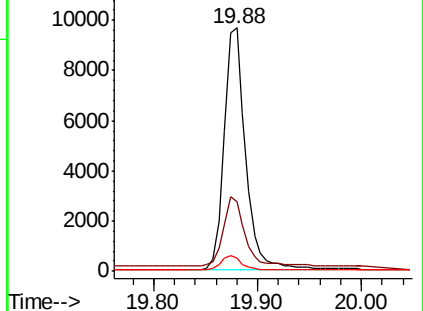
122 5.6 5.0 7.6



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: 0.385 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

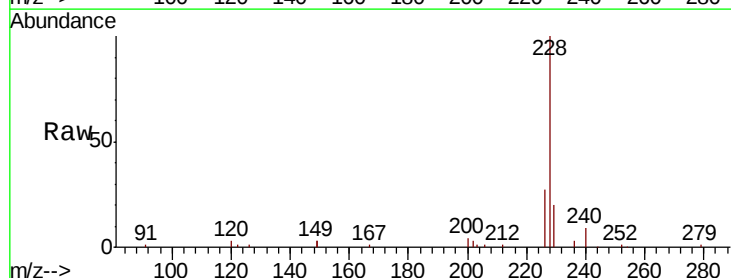
Tgt Ion:228 Resp: 22425

Ion Ratio Lower Upper

228 100

226 27.2 20.9 31.3

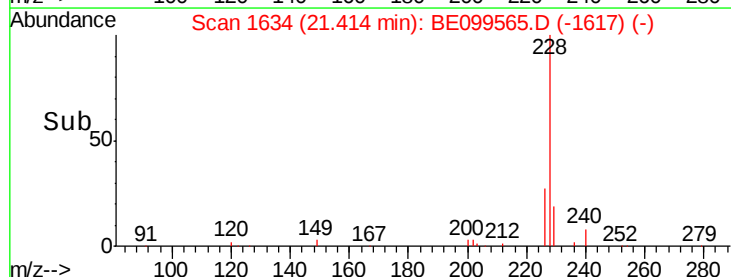
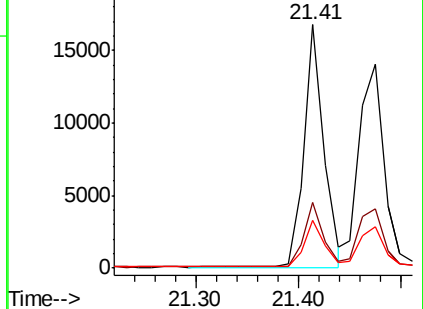
229 19.6 16.1 24.1

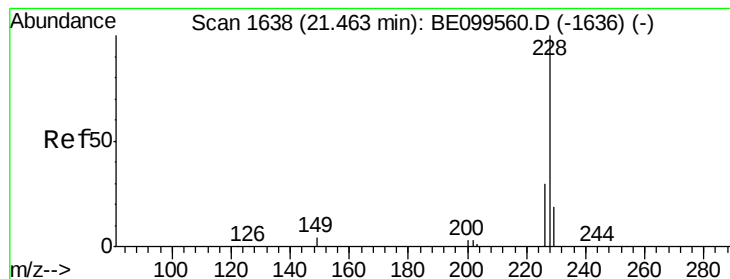


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.404 ng

RT: 21.47 min Scan# 1639

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

ICVBE050719

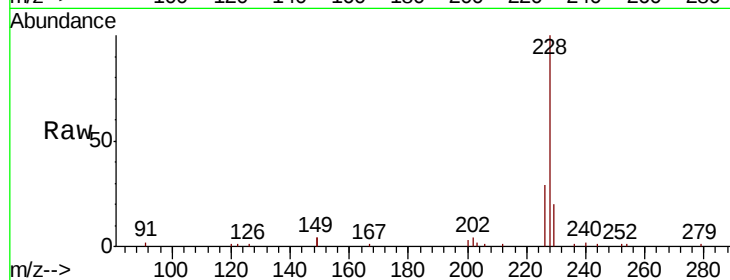
Tot Ion:228 Resp: 23205

Ion Ratio Lower Upper

228 100

226 29.2 24.2 36.4

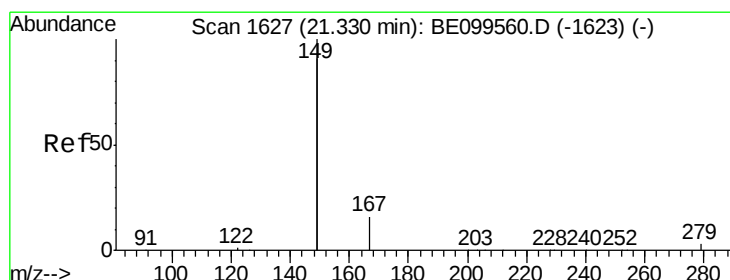
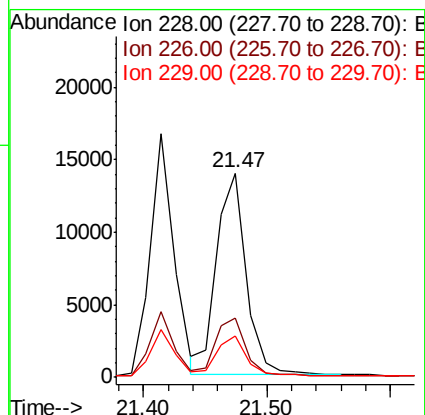
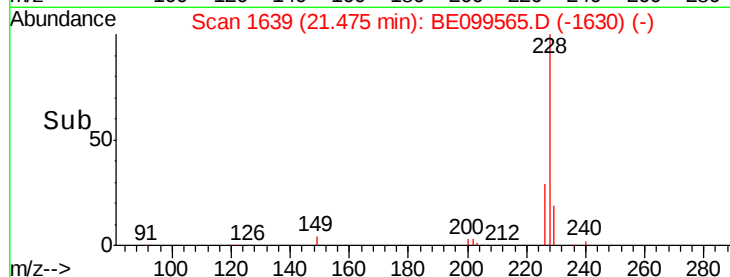
229 20.0 15.8 23.6



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: 0.396 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

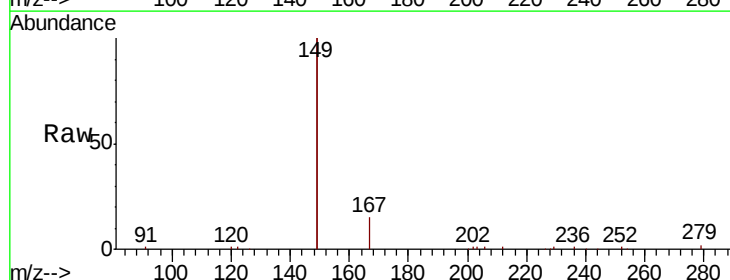
Tgt Ion:149 Resp: 36543

Ion Ratio Lower Upper

149 100

167 7.6 6.1 9.1

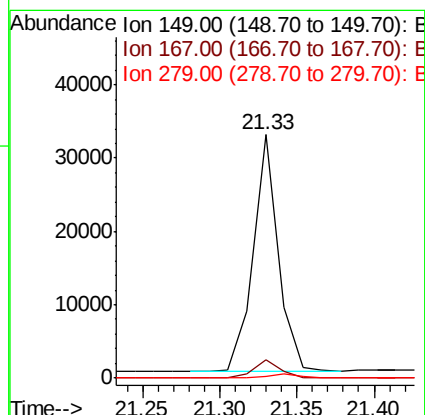
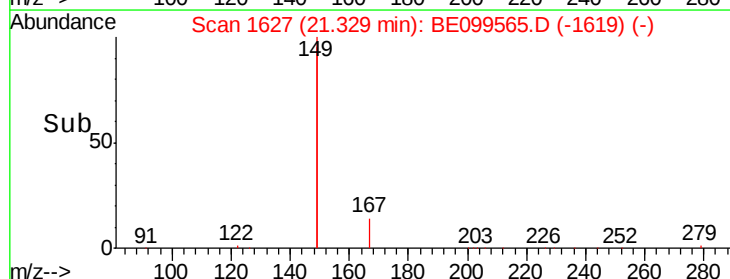
279 1.5 1.3 1.9

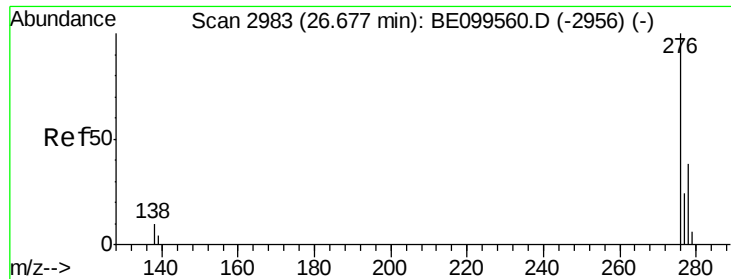


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.390 ng

RT: 26.69 min Scan# 2987

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

ICVBE050719

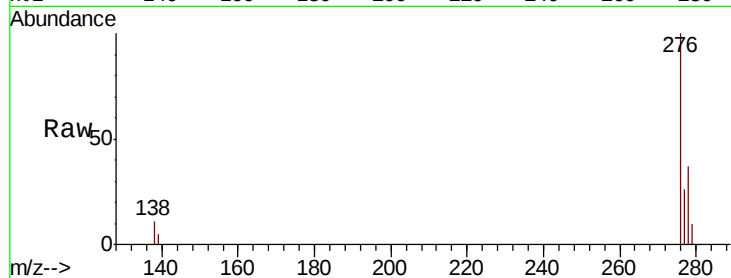
Tot Ion:276 Resp: 26609

Ion Ratio Lower Upper

276 100

138 12.1 9.5 14.3

277 25.1 19.7 29.5

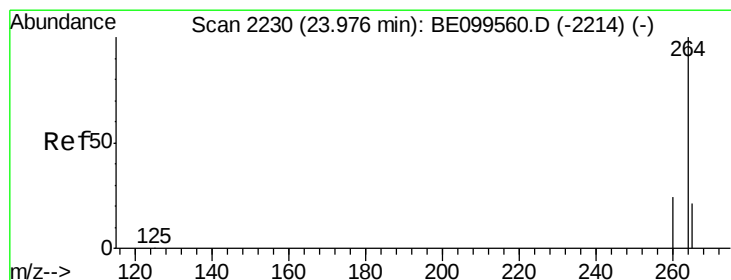
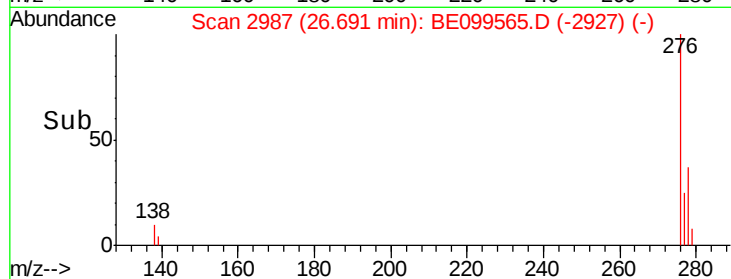
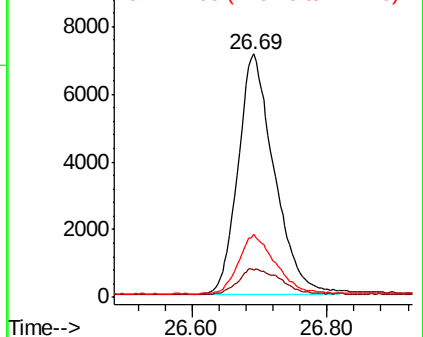


Abundance

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: 23.99 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

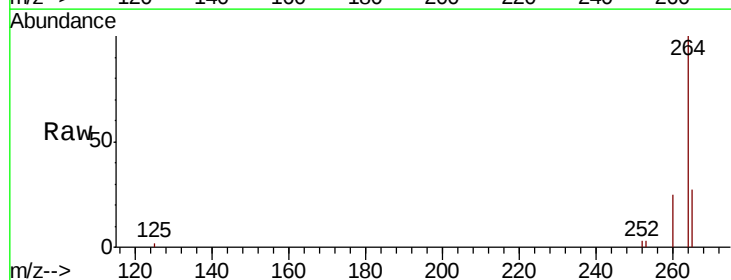
Tgt Ion:264 Resp: 19677

Ion Ratio Lower Upper

264 100

260 24.7 19.9 29.9

265 26.8 22.2 33.2

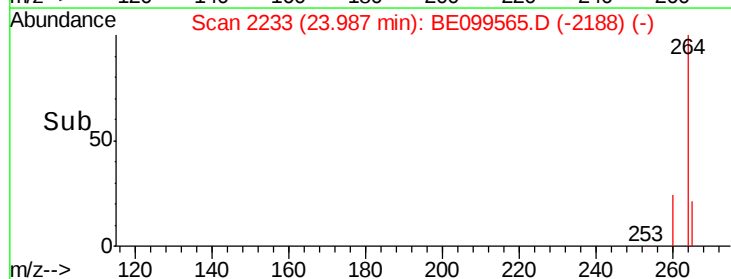
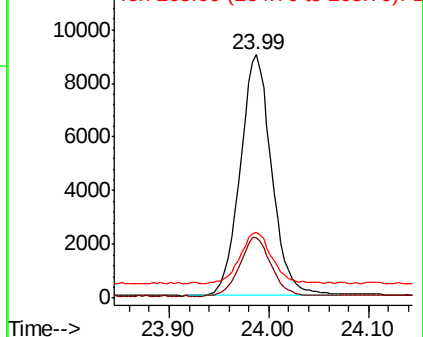


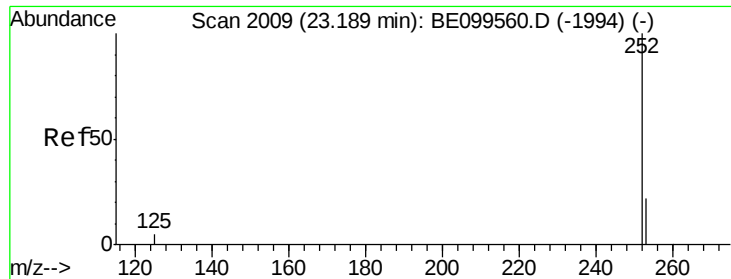
Abundance

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

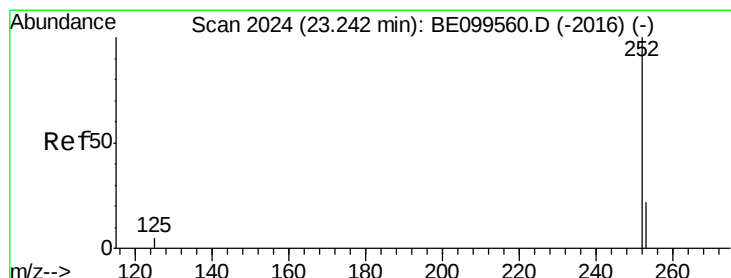
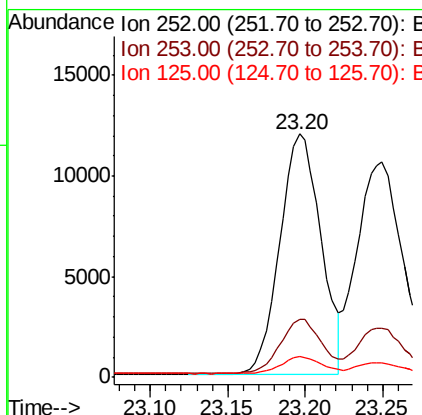
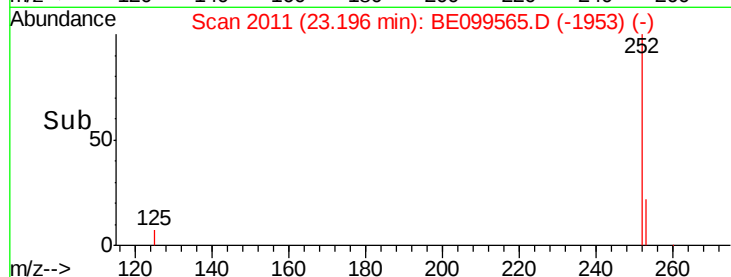
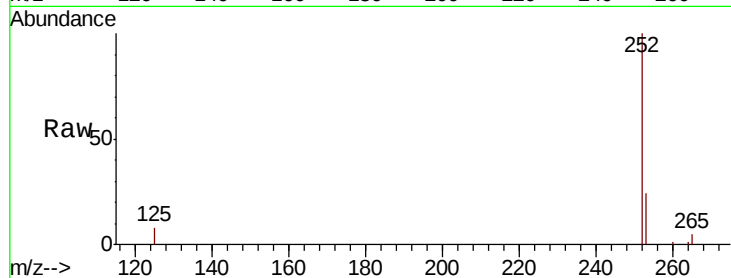




#35
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 23.20 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

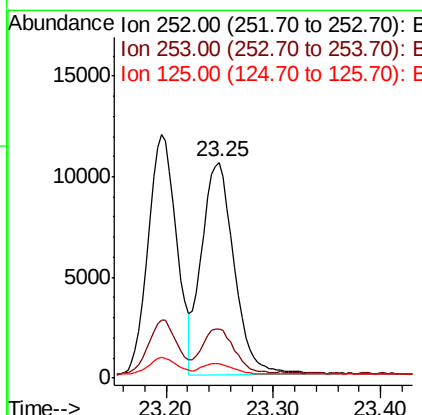
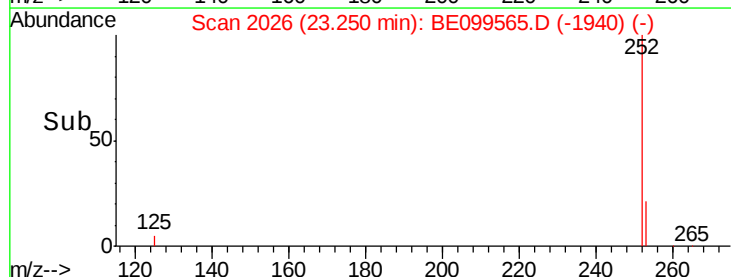
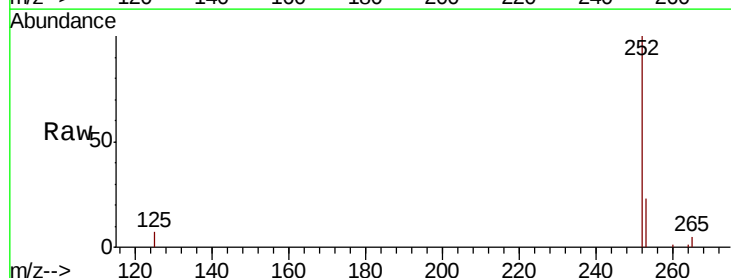
Instrument :
BNA_E
ClientSampleId :
ICVBE050719

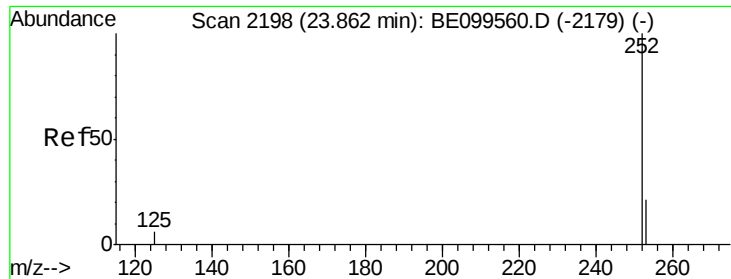
Tot Ion:252 Resp: 22081
Ion Ratio Lower Upper
252 100
253 23.7 19.0 28.4
125 8.4 5.8 8.6



#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 23.25 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:252 Resp: 22144
Ion Ratio Lower Upper
252 100
253 23.0 19.1 28.7
125 6.6 5.8 8.6

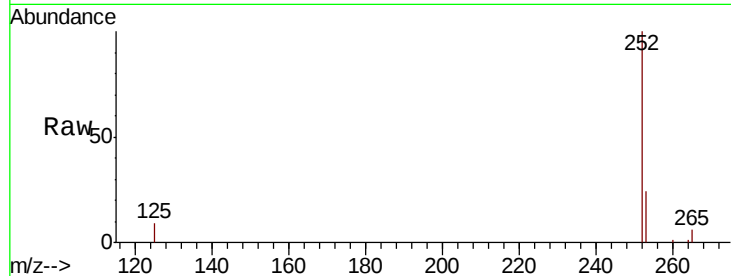




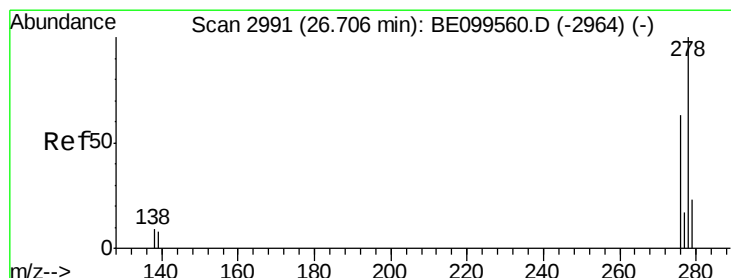
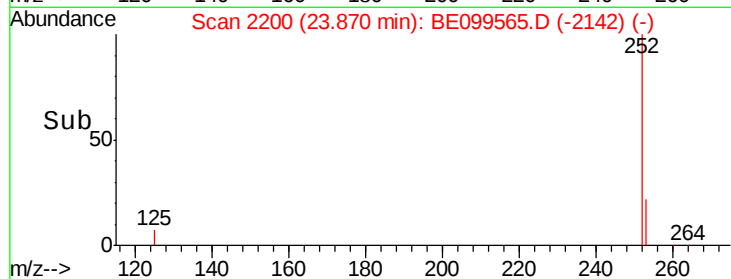
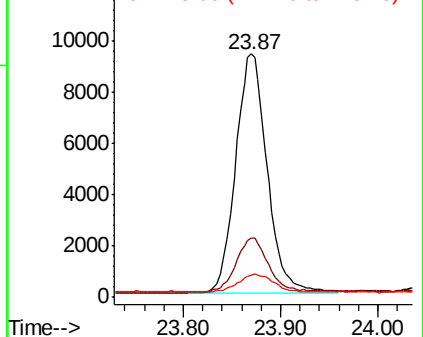
#37
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.87 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Instrument :
BNA_E
ClientSampleId :
ICVBE050719

Tot Ion:252 Resp: 21166
Ion Ratio Lower Upper
252 100
253 24.1 18.9 28.3
125 9.2 6.6 9.8

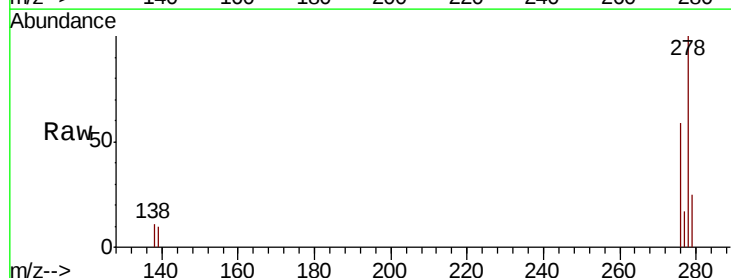


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

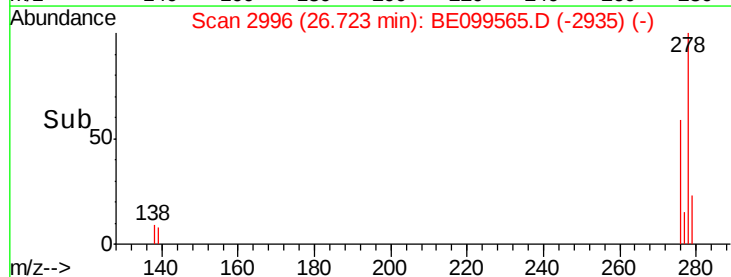
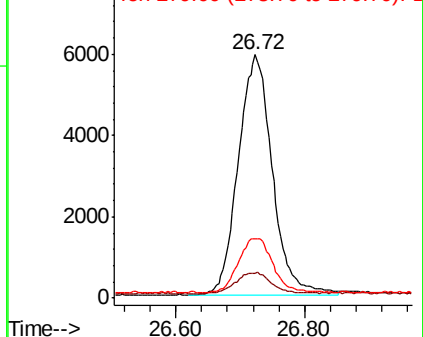


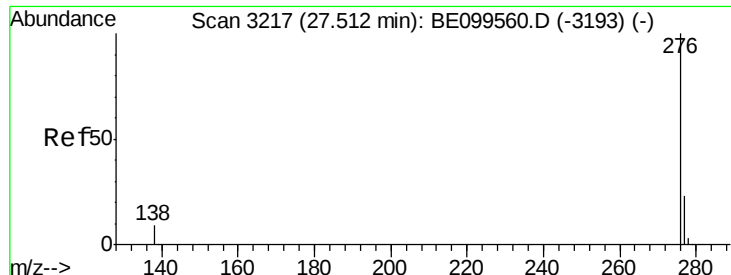
#38
Dibenzo(a,h)anthracene
Concen: 0.403 ng
RT: 26.72 min Scan# 2996
Delta R.T. 0.02 min
Lab File: BE099565.D
Acq: 7 May 2019 14:30

Tgt Ion:278 Resp: 21790
Ion Ratio Lower Upper
278 100
139 10.3 7.7 11.5
279 24.6 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: 0.404 ng

RT: 27.53 min Scan# 3221

Delta R.T. 0.01 min

Lab File: BE099565.D

Acq: 7 May 2019 14:30

Instrument :

BNA_E

ClientSampleId :

ICVBE050719

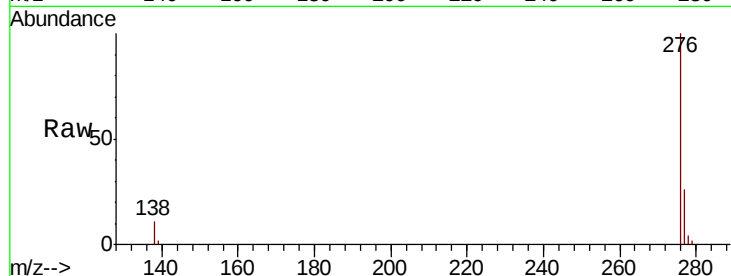
Tot Ion:276 Resp: 21925

Ion Ratio Lower Upper

276 100

277 25.6 19.7 29.5

138 11.3 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

