

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
 Data File : BE099765.D
 Acq On : 28 May 2019 20:07
 Operator : JU/SJ
 Sample : K3037-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 29 04:10:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1203	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	4288	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3383	0.40	ng	-0.02
19) Phenanthrene-d10	17.21	188	10416	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	15516	0.40	ng	-0.01
34) Perylene-d12	23.94	264	18509	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	513	0.17	ng	0.00
5) Phenol-d6	6.96	99	445	0.11	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1525	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	4410	0.60	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	938	0.49	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	5318	0.41	ng	-0.02
25) Fluoranthene-d10	19.25	212	56503	0.40	ng	-0.01
29) Terphenyl-d14	19.85	244	21191	0.77	ng	-0.02

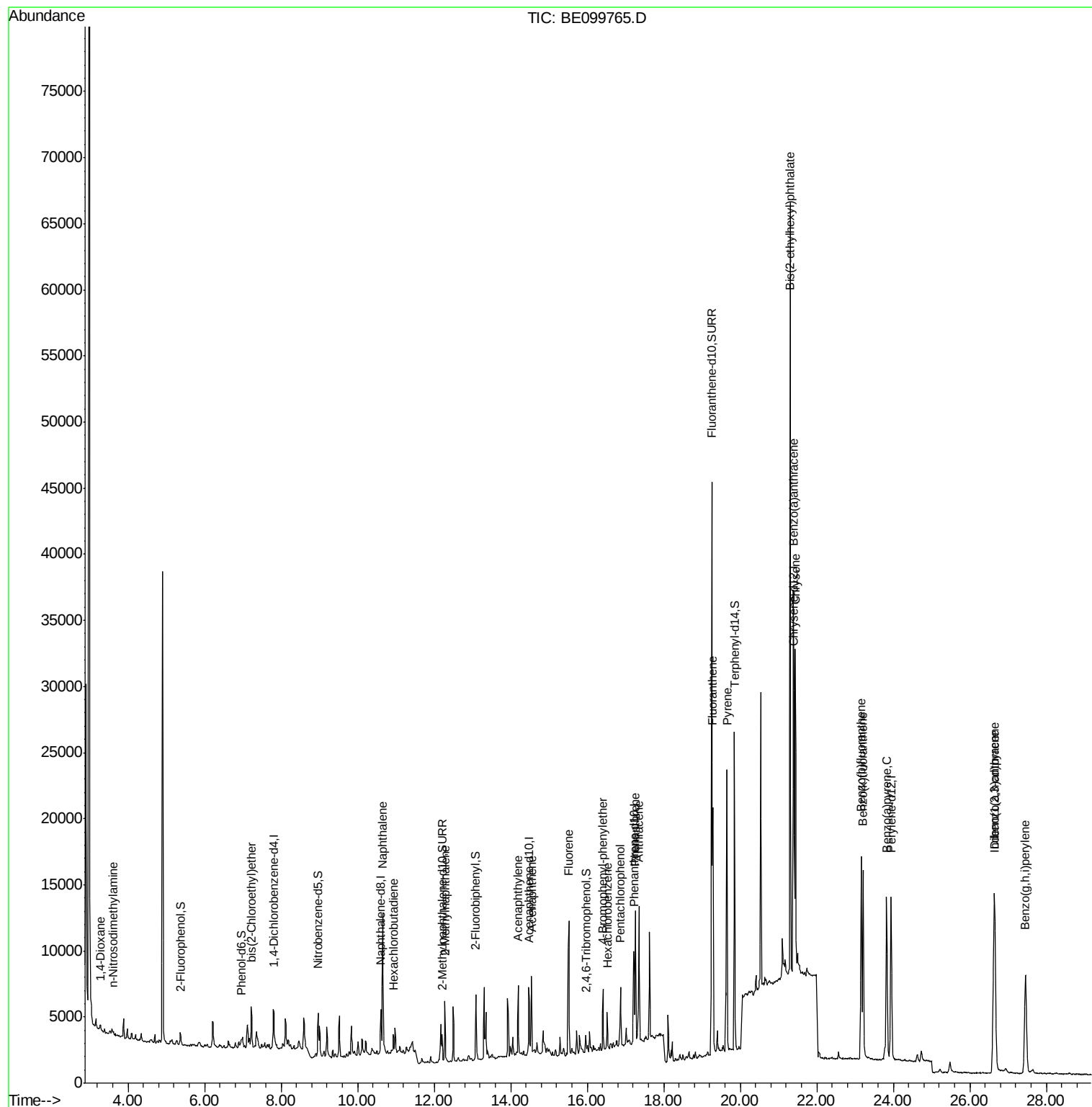
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	364	0.204	ng	# 1
3) n-Nitrosodimethylamine	3.61	42	171	0.174	ng	# 93
6) bis(2-Chloroethyl)ether	7.22	93	1338	0.374	ng	95
9) Naphthalene	10.65	128	17034	0.371	ng	99
10) Hexachlorobutadiene	10.93	225	1080	0.320	ng	97
12) 2-Methylnaphthalene	12.28	142	3126	0.418	ng	95
16) Acenaphthylene	14.20	152	5987	0.380	ng	99
17) Acenaphthene	14.54	154	3341	0.378	ng	96
18) Fluorene	15.51	166	5578	0.428	ng	97
20) 4-Bromophenyl-phenylether	16.41	248	2485	0.414	ng	97
21) Hexachlorobenzene	16.52	284	2309	0.376	ng	97
22) Pentachlorophenol	16.87	266	2456	1.329	ng	91
23) Phenanthrene	17.25	178	11238	0.442	ng	98
24) Anthracene	17.35	178	10783	0.467	ng	97
26) Fluoranthene	19.28	202	19372	0.481	ng	98
28) Pyrene	19.65	202	20205	0.518	ng	98
30) Benzo(a)anthracene	21.39	228	22884	0.519	ng	98
31) Chrysene	21.44	228	21984	0.466	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	60726	1.195	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	23799	0.418	ng	99
35) Benzo(b)fluoranthene	23.16	252	21609	0.426	ng	# 90
36) Benzo(k)fluoranthene	23.21	252	20881	0.395	ng	# 93
37) Benzo(a)pyrene	23.83	252	20453	0.419	ng	# 96
38) Dibenzo(a,h)anthracene	26.65	278	19228	0.375	ng	# 95
39) Benzo(g,h,i)perylene	27.45	276	20598	0.398	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: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampled :

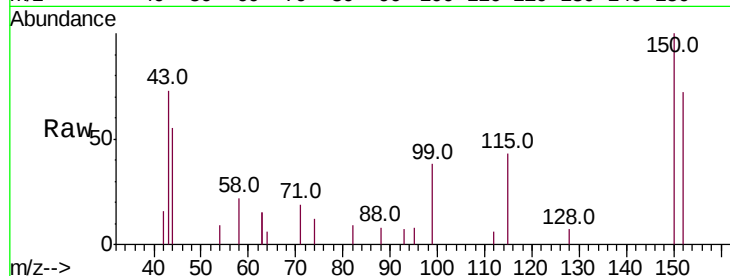
Tot Ion:152 Resp: 1203

Ion Ratio Lower Upper

152 100

150 139.1 109.2 163.8

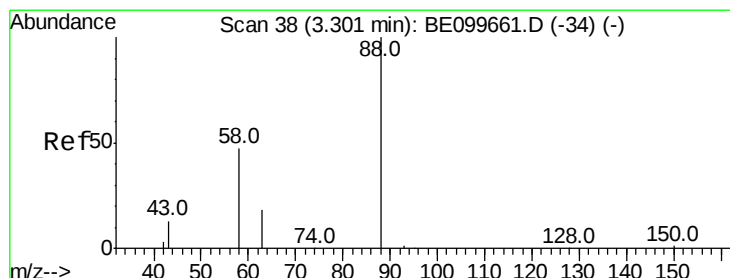
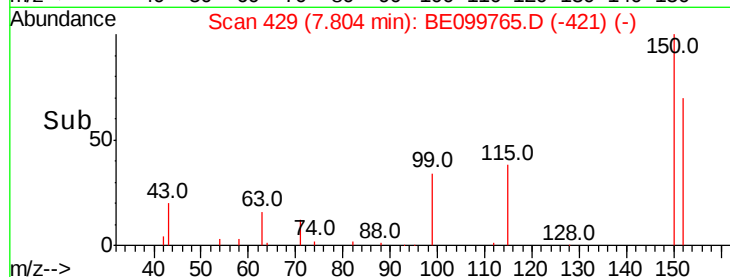
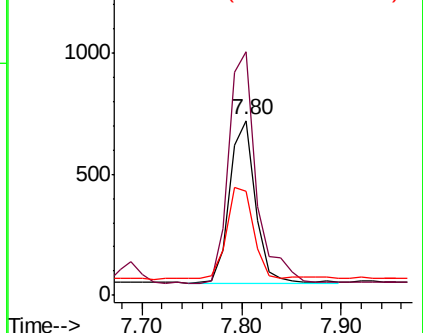
115 59.6 43.7 65.5



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: 0.204 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.02 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

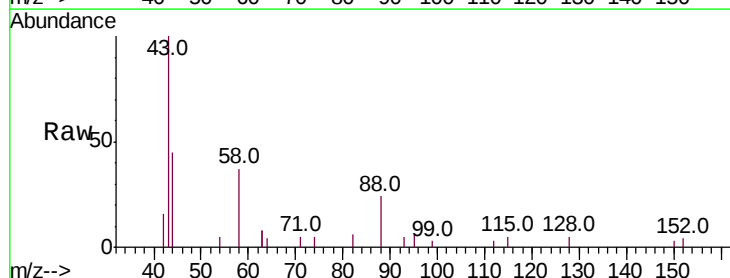
Tgt Ion: 88 Resp: 364

Ion Ratio Lower Upper

88 100

58 82.4 41.8 62.8#

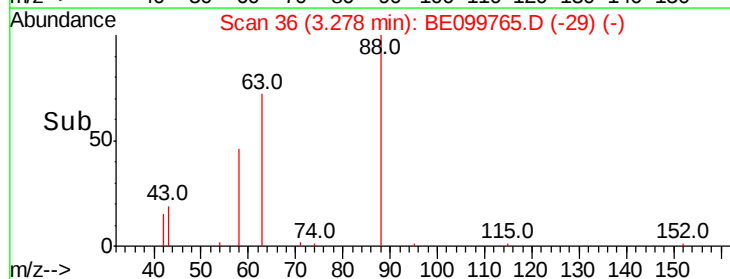
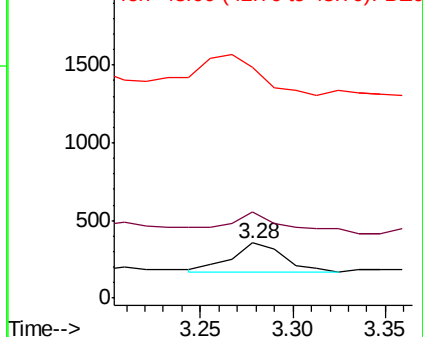
43 194.5 15.0 22.4#



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



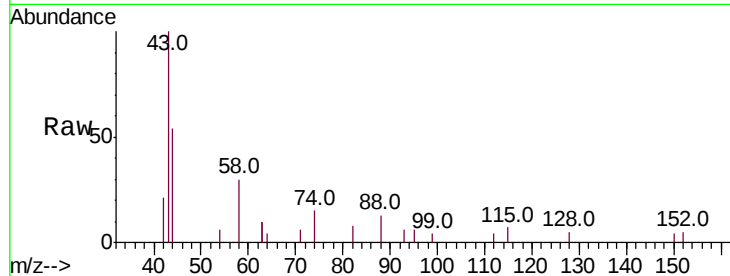


#3

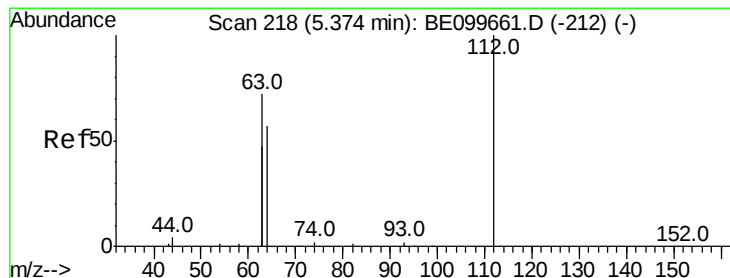
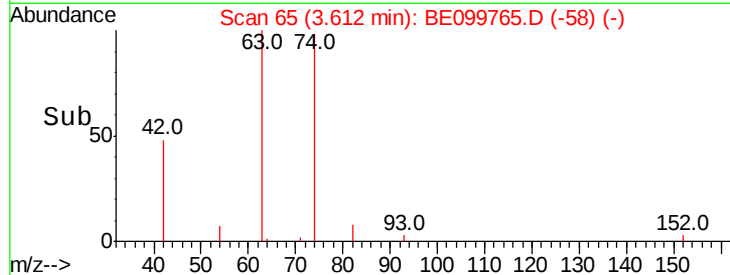
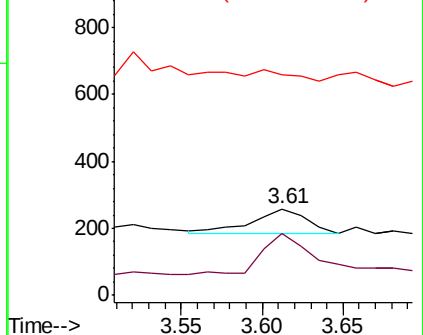
n-Nitrosodimethylamine
 Concen: 0.174 ng
 RT: 3.61 min Scan# 65
 Delta R.T. -0.02 min
 Lab File: BE099765.D
 Acq: 28 May 2019 20:07

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
74	171.3	129.2	193.8
44	0.0	0.0	0.0



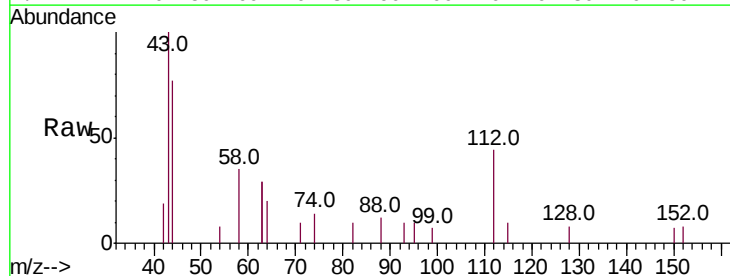
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



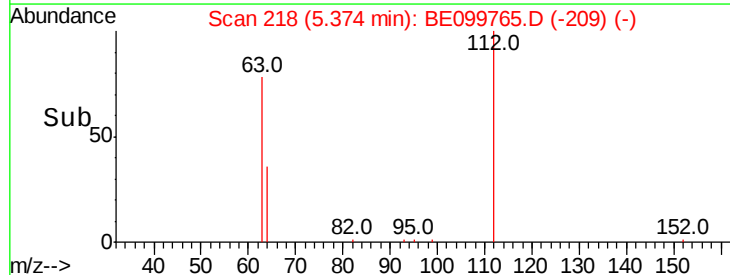
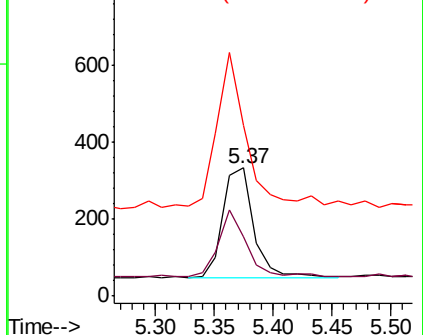
#4

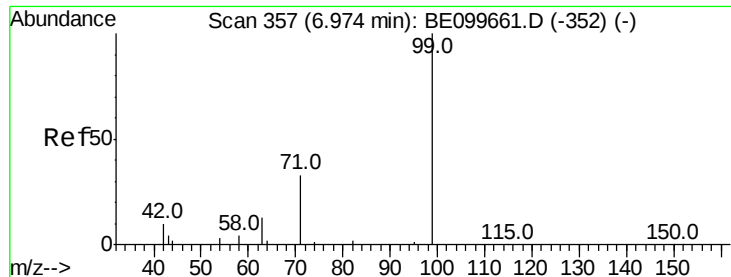
2-Fluorophenol
 Concen: 0.169 ng
 RT: 5.37 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: BE099765.D
 Acq: 28 May 2019 20:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	43.4	65.2
63	136.8	96.9	145.3



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: 0.111 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampled :

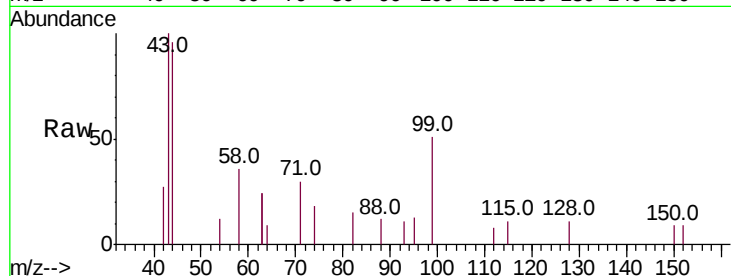
Tot Ion: 99 Resp: 445

Ion Ratio Lower Upper

99 100

42 16.9 12.2 18.2

71 44.7 28.9 43.3#



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

6.96

300

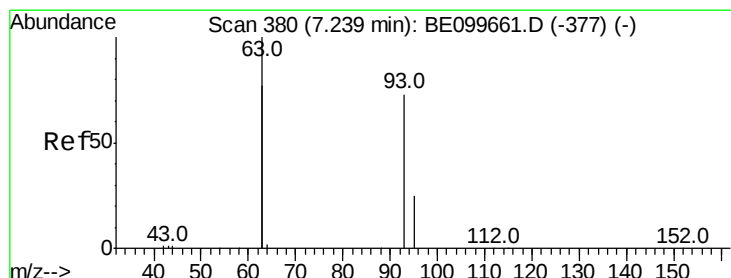
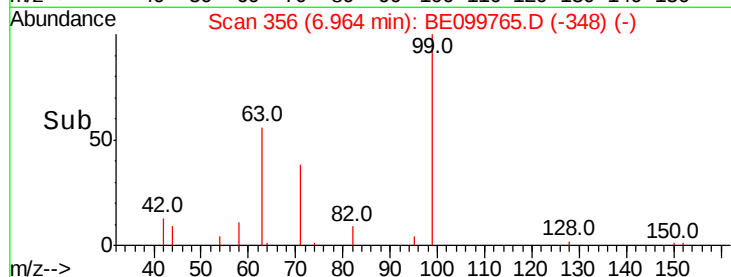
200

100

0

6.85 6.90 6.95 7.00 7.05

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.374 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.02 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

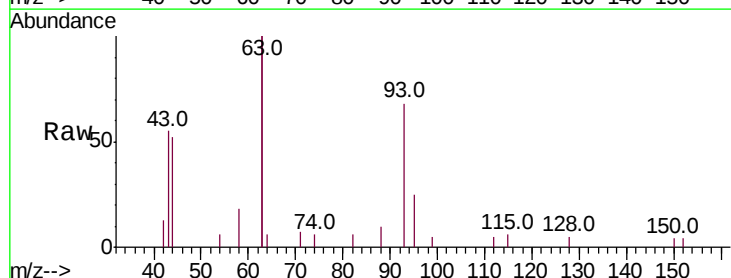
Tgt Ion: 93 Resp: 1338

Ion Ratio Lower Upper

93 100

63 248.8 207.8 311.6

95 32.5 25.9 38.9



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

7.22

3000

2500

2000

1500

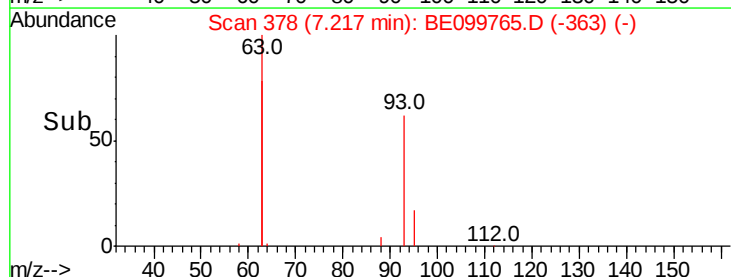
1000

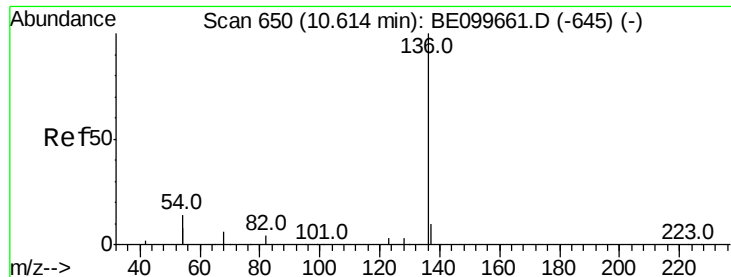
500

0

7.15 7.20 7.25 7.30 7.35

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4288

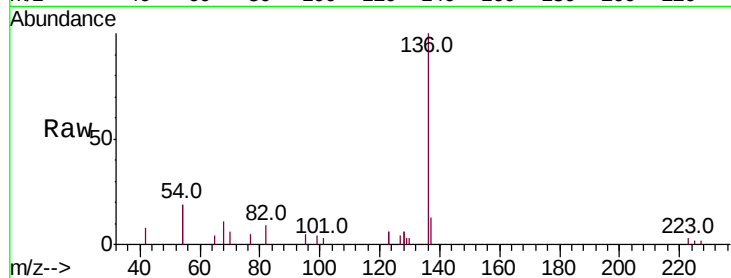
Ion Ratio Lower Upper

136 100

137 13.2 9.0 13.6

54 38.8 22.3 33.5#

68 11.4 6.0 9.0#

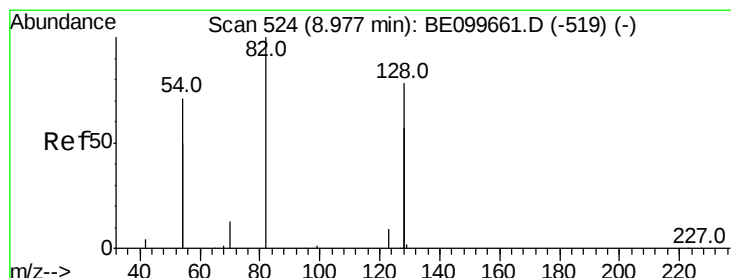
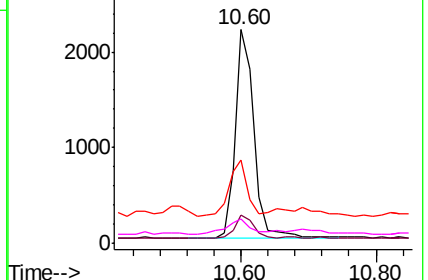
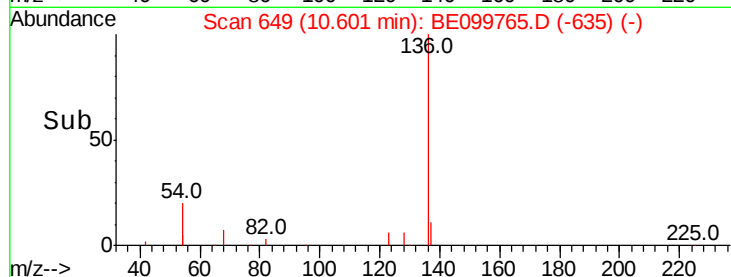


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.411 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

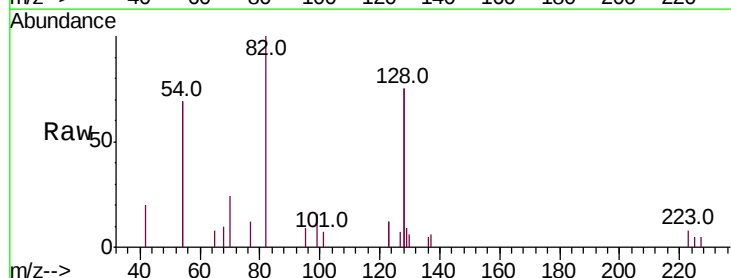
Tgt Ion: 82 Resp: 1525

Ion Ratio Lower Upper

82 100

128 149.8 117.7 176.5

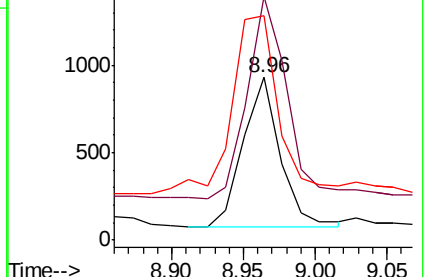
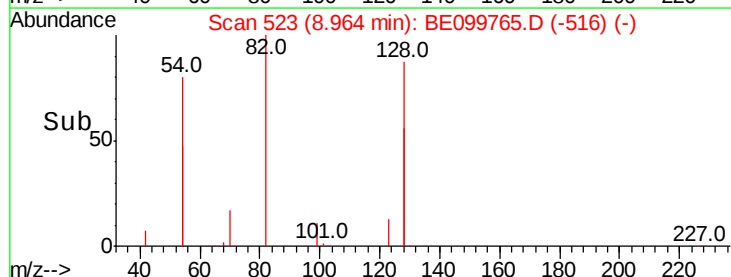
54 137.8 106.6 160.0

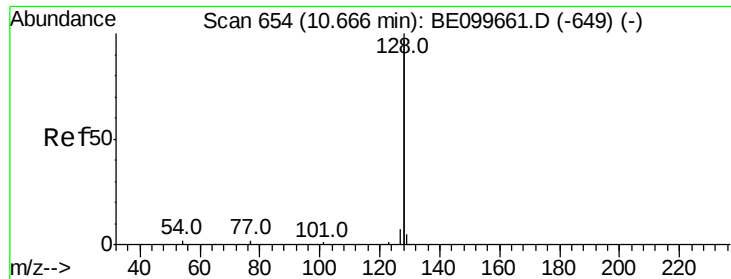


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.371 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampled :

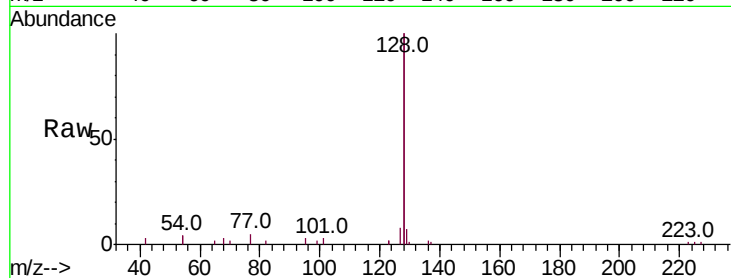
Tot Ion:128 Resp: 17034

Ion Ratio Lower Upper

128 100

129 3.4 2.4 3.6

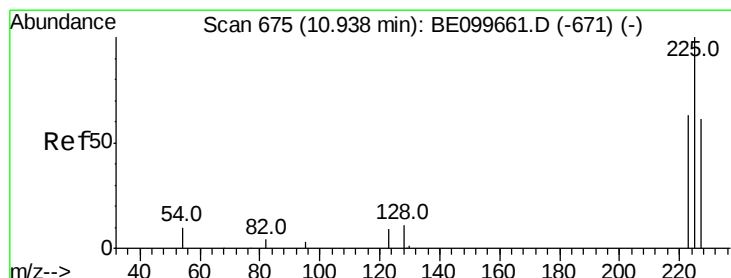
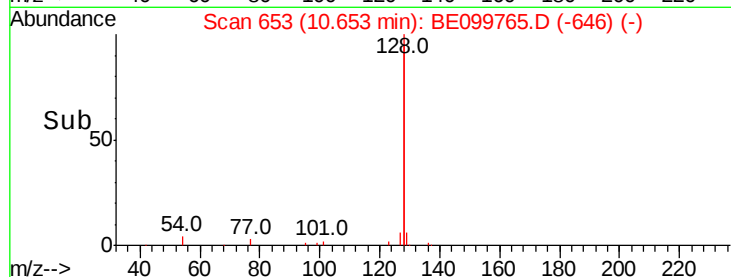
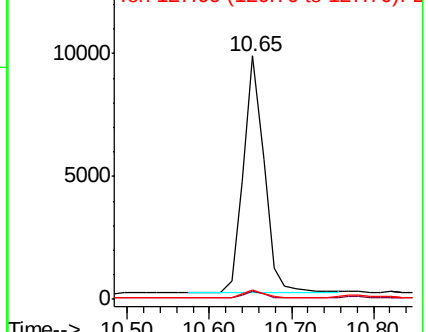
127 3.9 2.9 4.3



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: 0.320 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

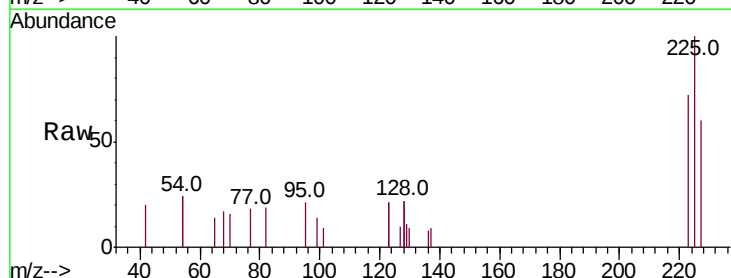
Tgt Ion:225 Resp: 1080

Ion Ratio Lower Upper

225 100

223 63.2 51.8 77.6

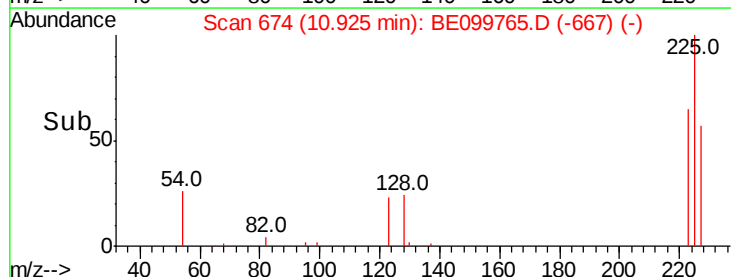
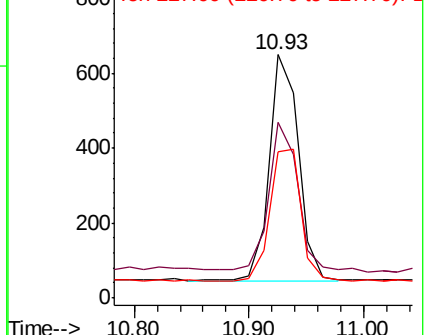
227 62.0 52.6 79.0

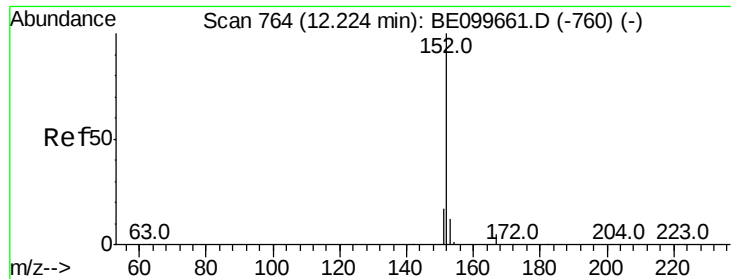


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

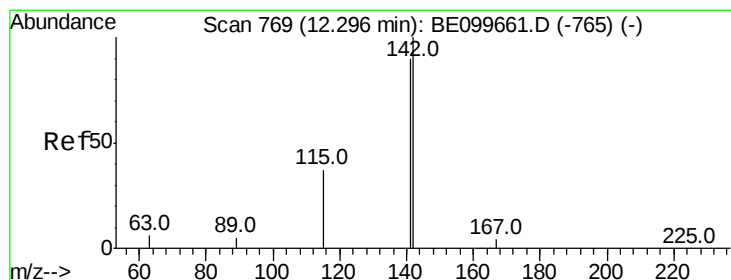
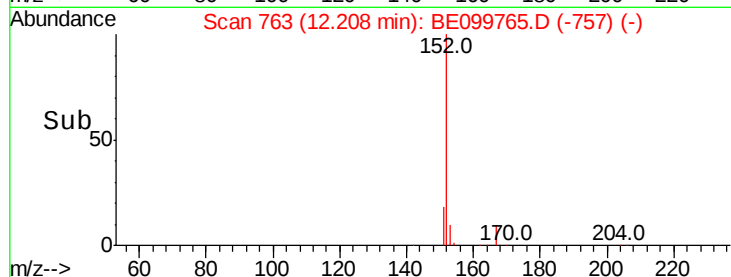
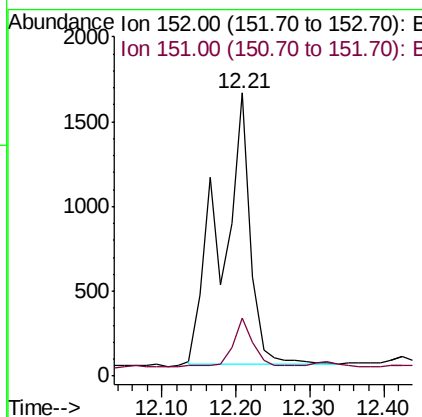
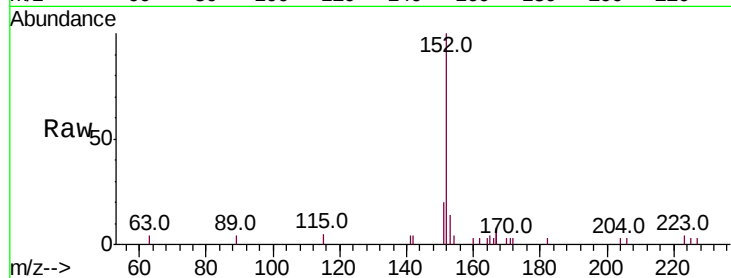




#11
 2-Methylnaphthalene-d10
 Concen: 0.596 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BE099765.D
 Acq: 28 May 2019 20:07

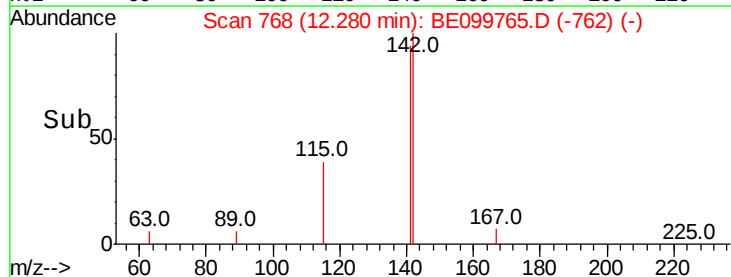
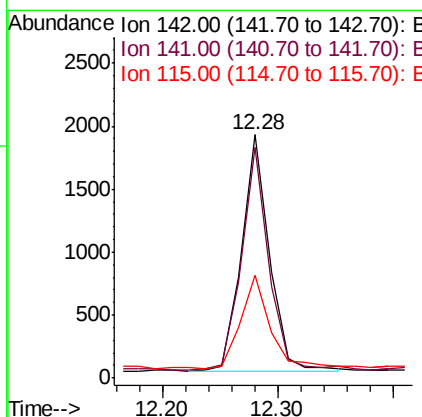
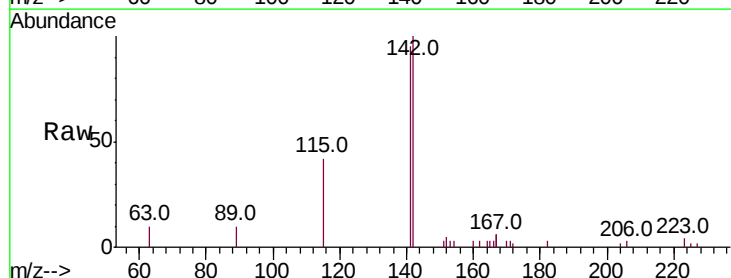
Instrument :
 BNA_E
 ClientSampleId :

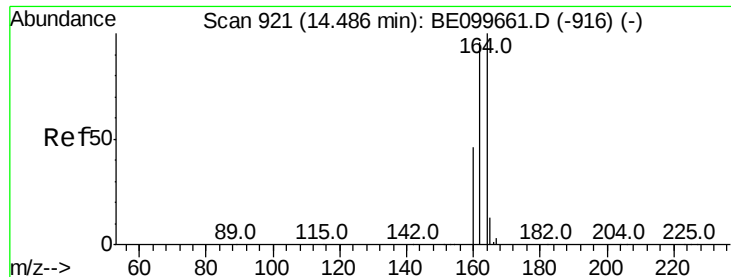
Tot Ion:152 Resp: 4410
 Ion Ratio Lower Upper
 152 100
 151 11.6 15.0 22.4#



#12
 2-Methylnaphthalene
 Concen: 0.418 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BE099765.D
 Acq: 28 May 2019 20:07

Tgt Ion:142 Resp: 3126
 Ion Ratio Lower Upper
 142 100
 141 94.6 72.0 108.0
 115 42.2 31.0 46.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.02 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampleId :

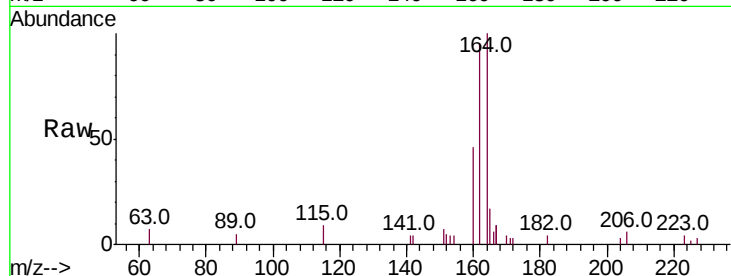
Tot Ion:164 Resp: 3383

Ion Ratio Lower Upper

164 100

162 95.2 76.5 114.7

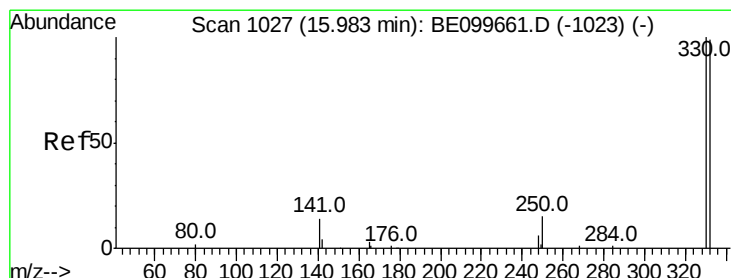
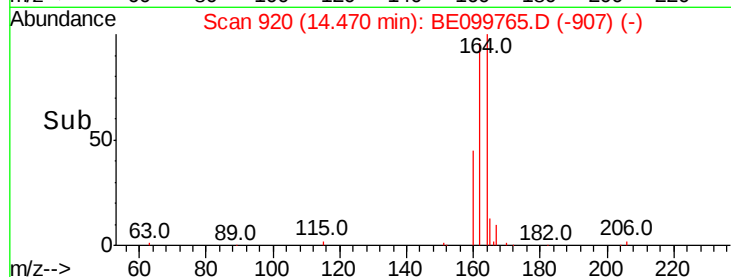
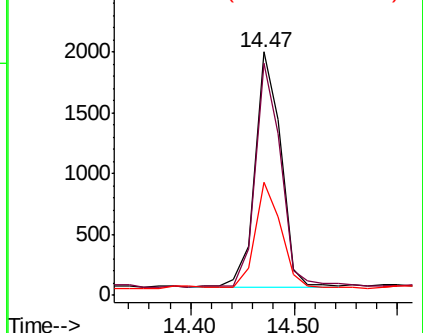
160 46.4 37.4 56.2



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: 0.491 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

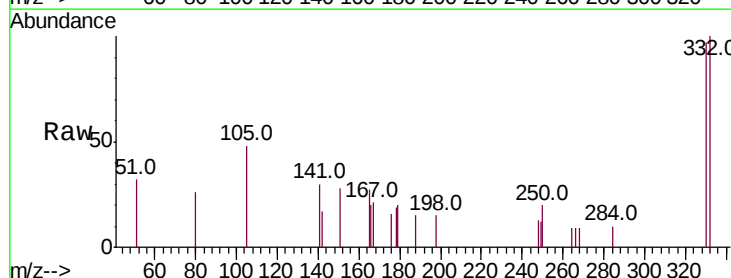
Tgt Ion:330 Resp: 938

Ion Ratio Lower Upper

330 100

332 100.3 77.3 115.9

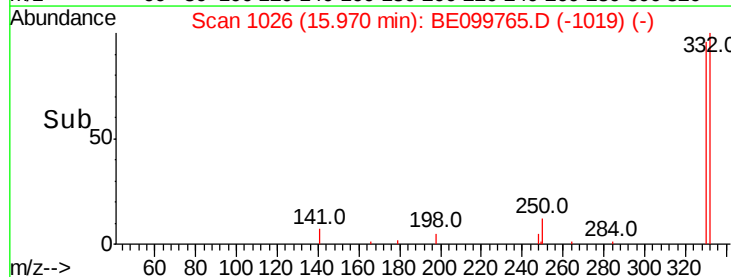
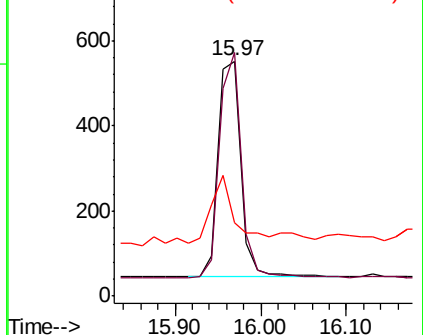
141 31.9 18.9 28.3#

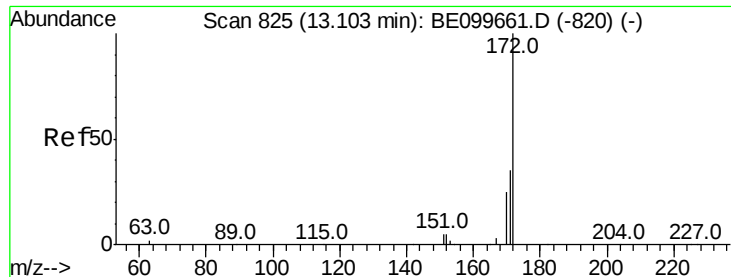


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

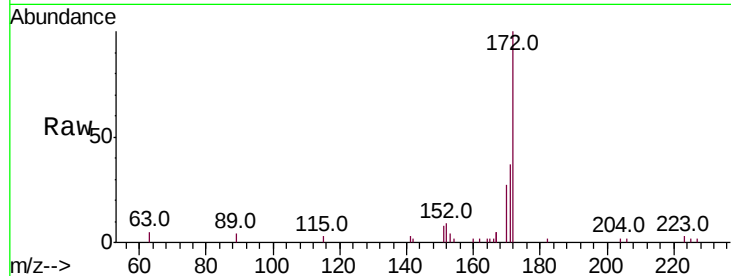




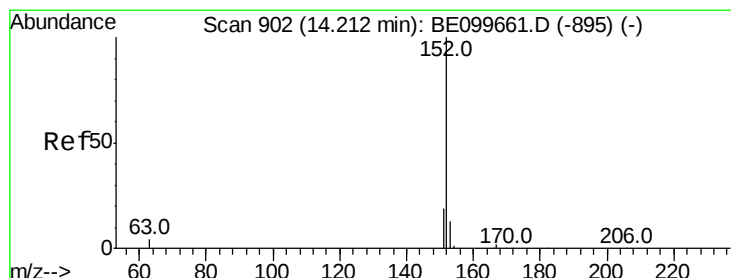
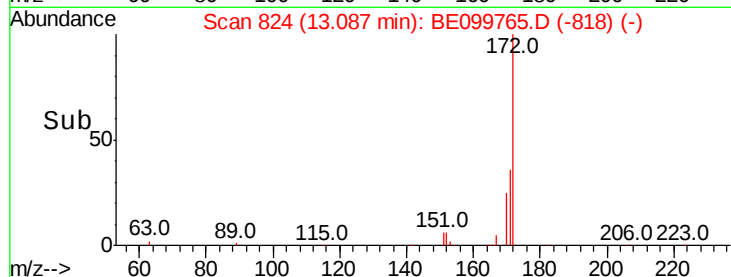
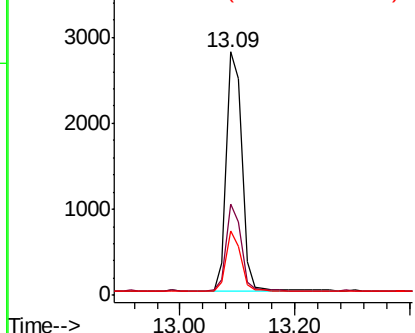
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5318
Ion Ratio Lower Upper
172 100
171 37.4 28.7 43.1
170 26.5 20.9 31.3

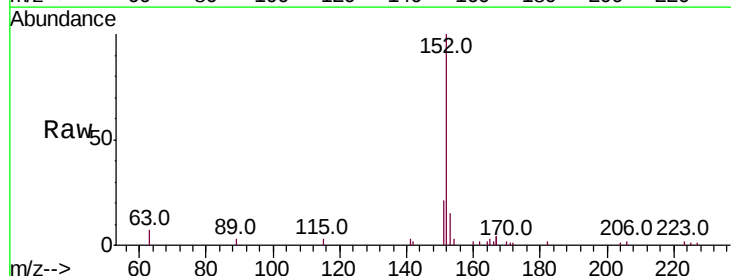


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

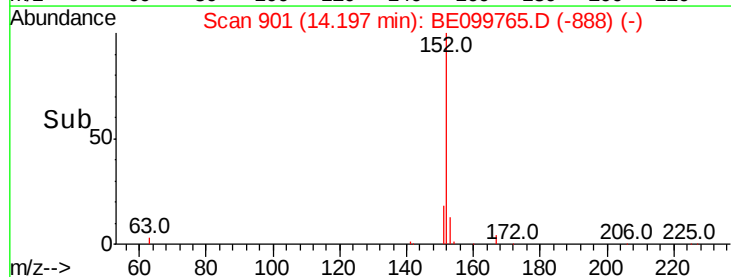
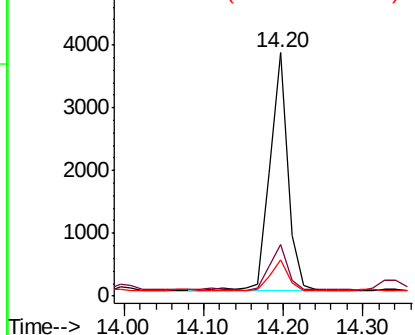


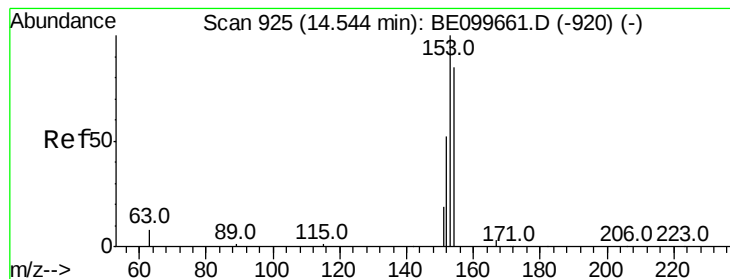
#16
Acenaphthylene
Concen: 0.380 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:152 Resp: 5987
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.2 10.6 16.0



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: 0.378 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampleId :

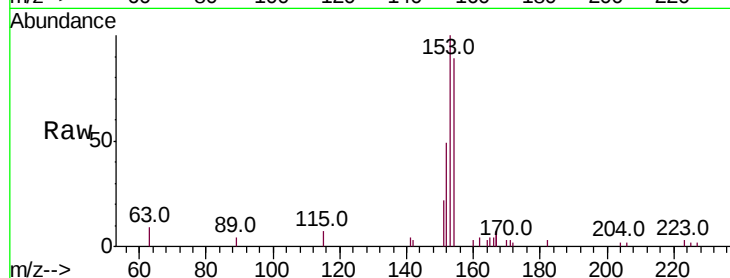
Tot Ion:154 Resp: 3341

Ion	Ratio	Lower	Upper
154	100		
153	118.9	91.8	137.6
152	59.6	46.0	69.0

154 100

153 118.9 91.8 137.6

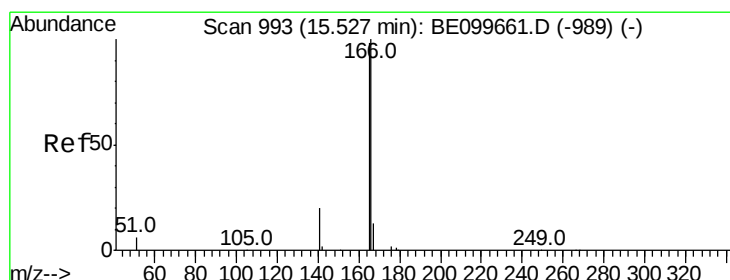
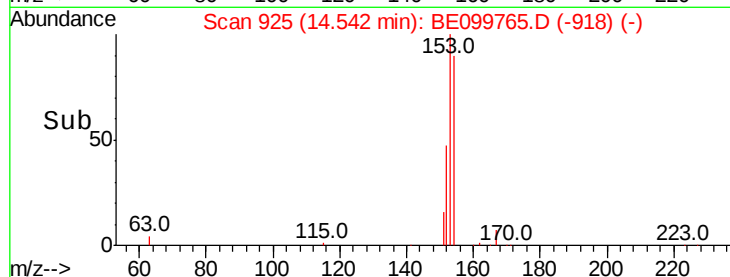
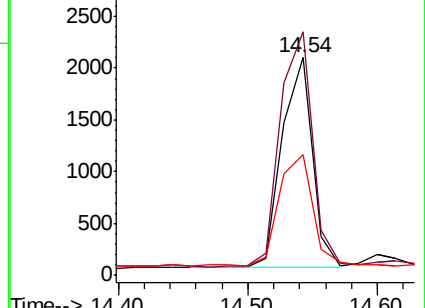
152 59.6 46.0 69.0



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: 0.428 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

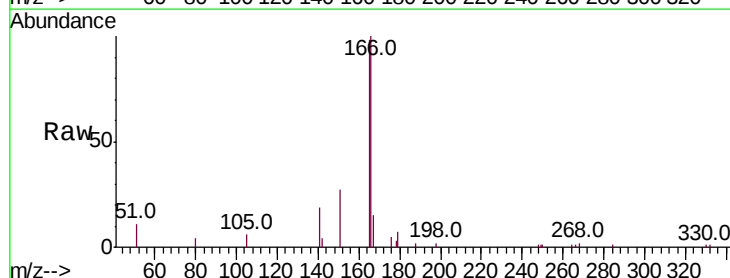
Tgt Ion:166 Resp: 5578

Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.3	120.5
167	15.6	10.6	16.0

166 100

165 98.0 80.3 120.5

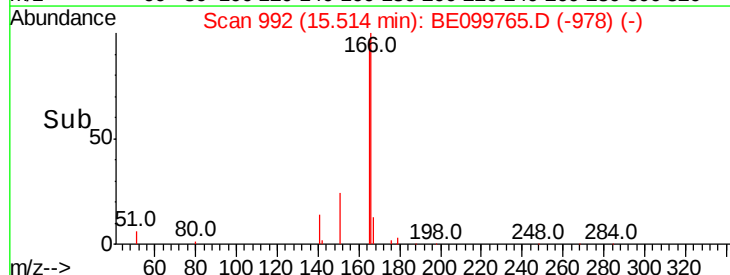
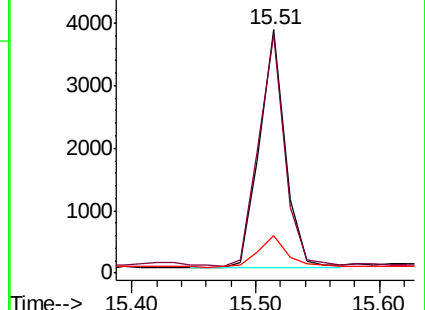
167 15.6 10.6 16.0

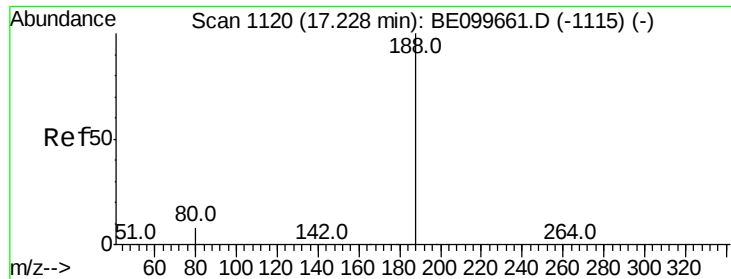


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampleId :

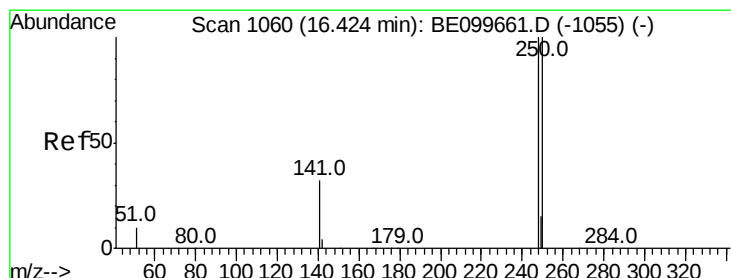
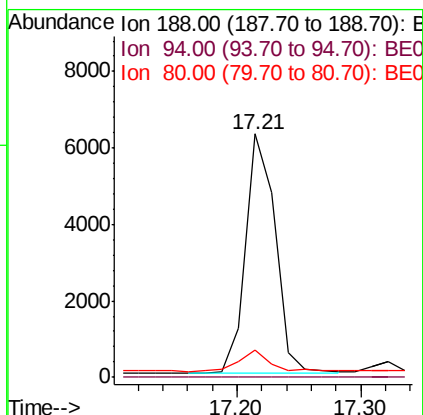
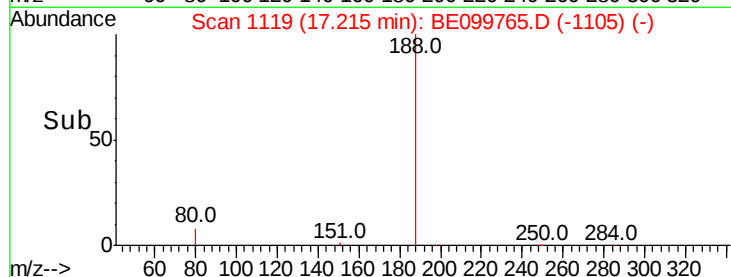
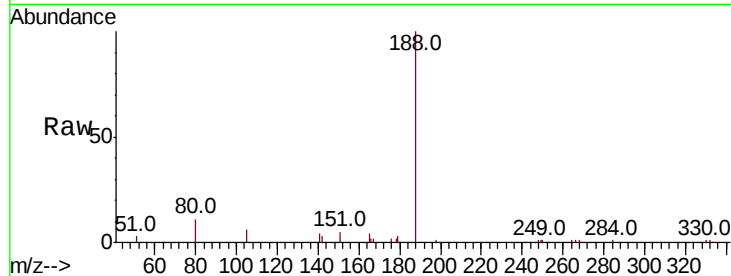
Tot Ion:188 Resp: 10416

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 6.7 10.1#



#20

4-Bromophenyl-phenylether

Concen: 0.414 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

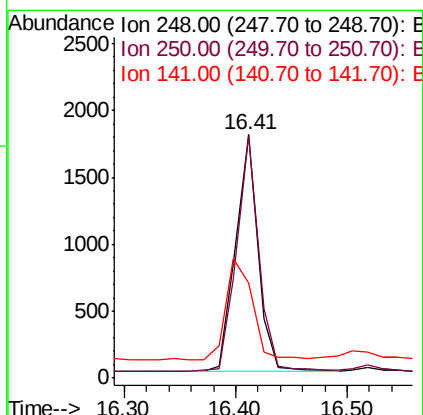
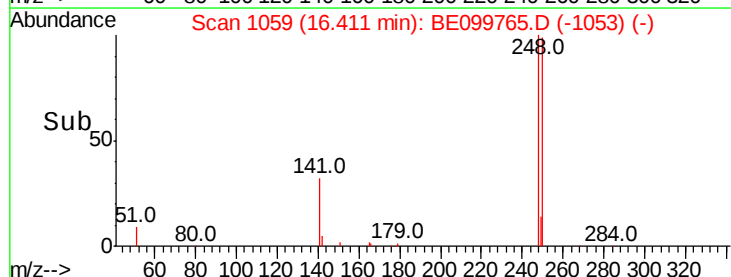
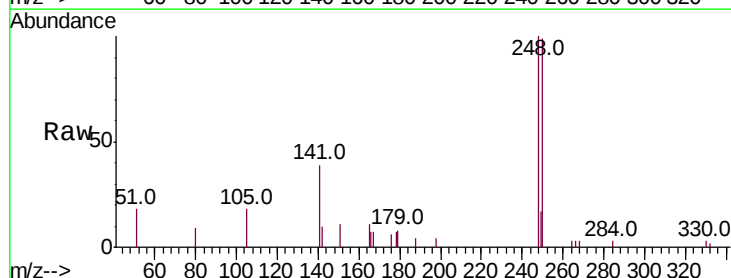
Tgt Ion:248 Resp: 2485

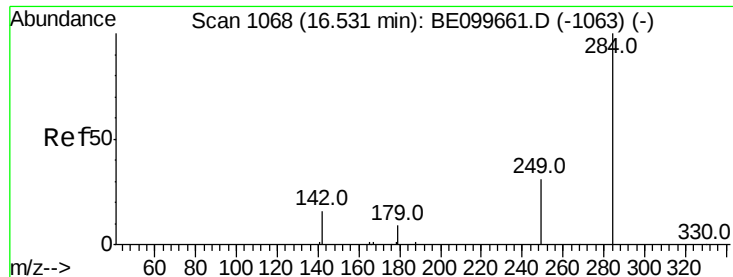
Ion Ratio Lower Upper

248 100

250 99.4 79.8 119.8

141 39.1 27.0 40.6





#21

Hexachlorobenzene

Concen: 0.376 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampleId :

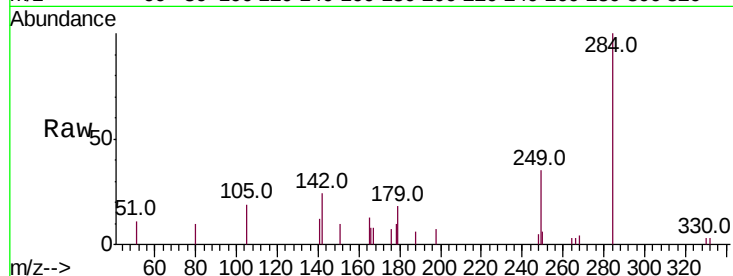
Tot Ion:284 Resp: 2309

Ion Ratio Lower Upper

284 100

142 23.4 17.8 26.6

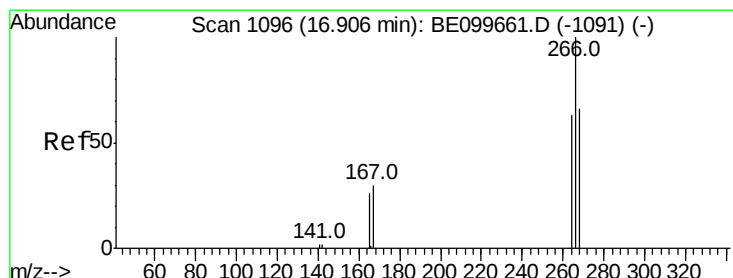
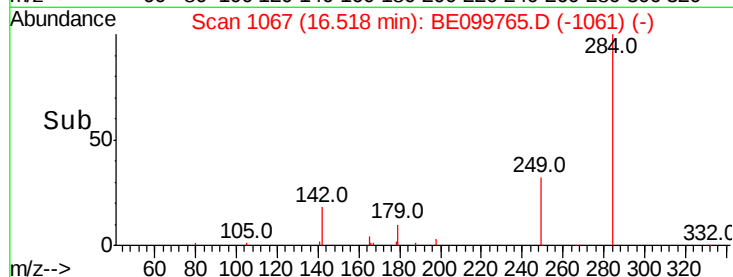
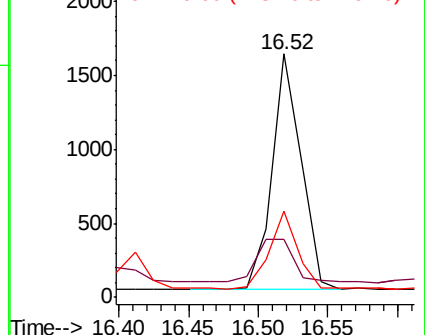
249 32.6 24.8 37.2



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: 1.329 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

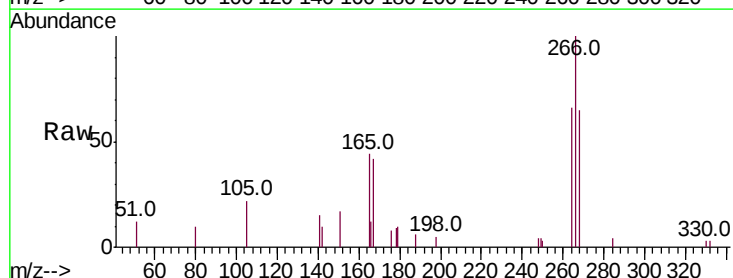
Tgt Ion:266 Resp: 2456

Ion Ratio Lower Upper

266 100

264 66.3 57.2 85.8

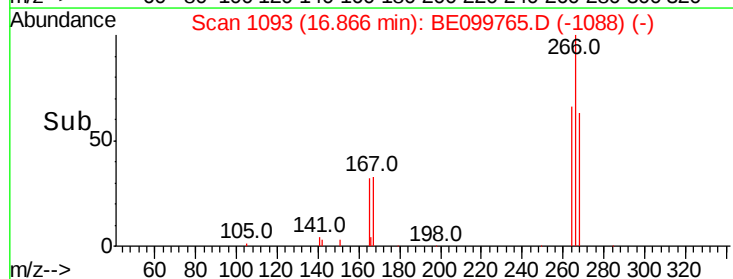
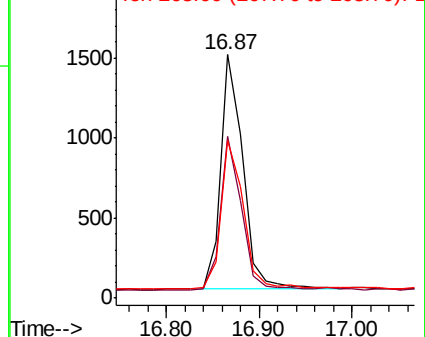
268 64.9 60.5 90.7

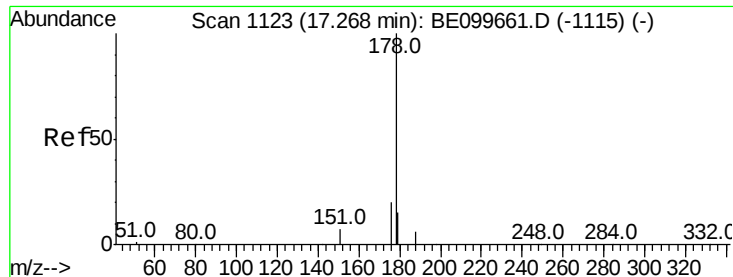


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.442 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampleId :

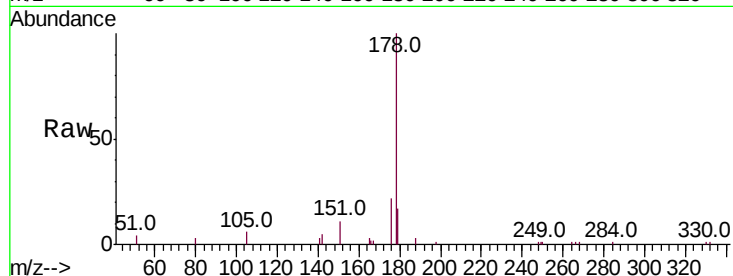
Tot Ion:178 Resp: 11238

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

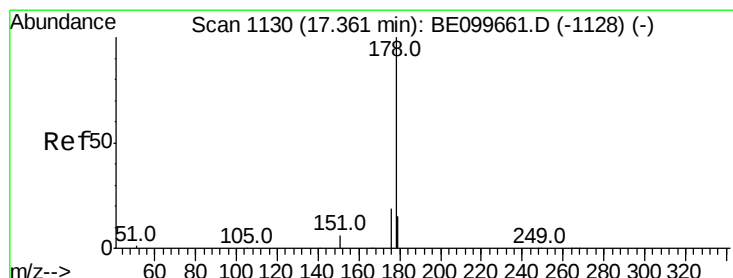
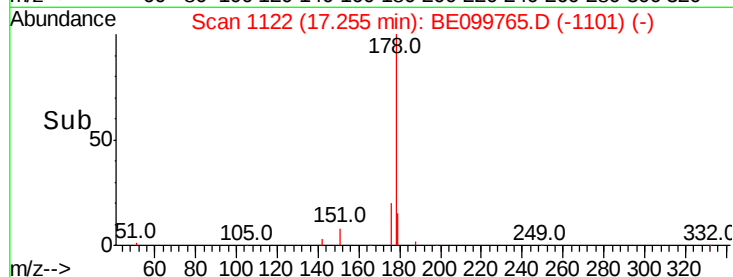
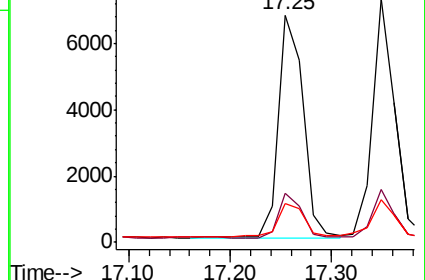
179 17.0 12.2 18.4



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



#24

Anthracene

Concen: 0.467 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

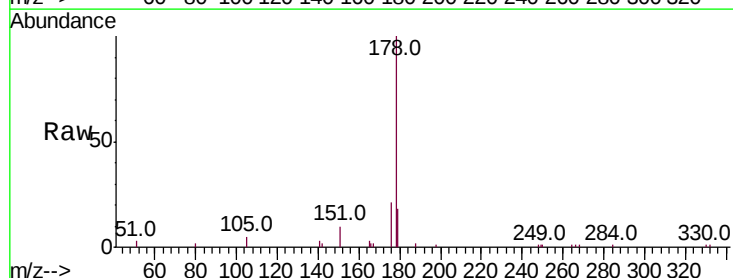
Tgt Ion:178 Resp: 10783

Ion Ratio Lower Upper

178 100

176 19.8 14.7 22.1

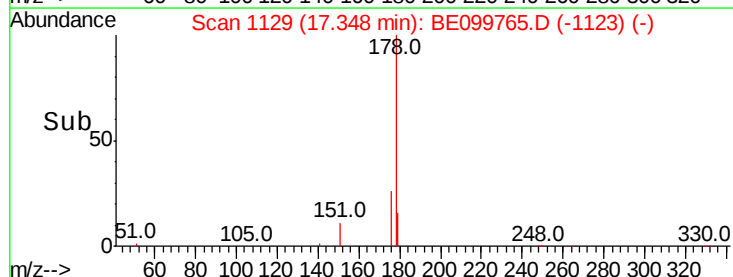
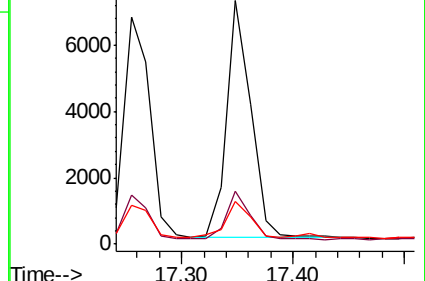
179 15.8 12.0 18.0

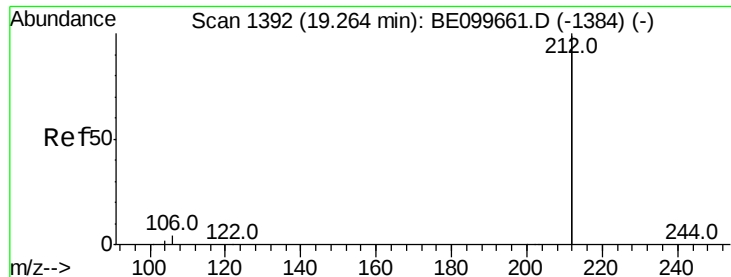


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampled :

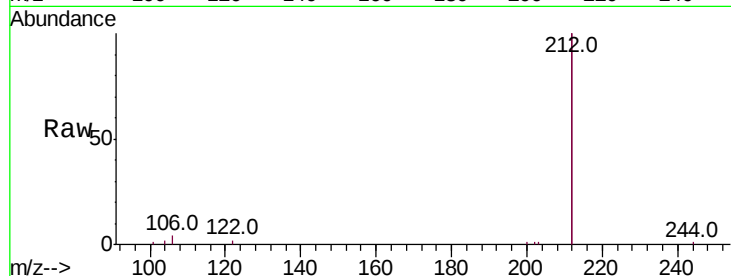
Tot Ion:212 Resp: 56503

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

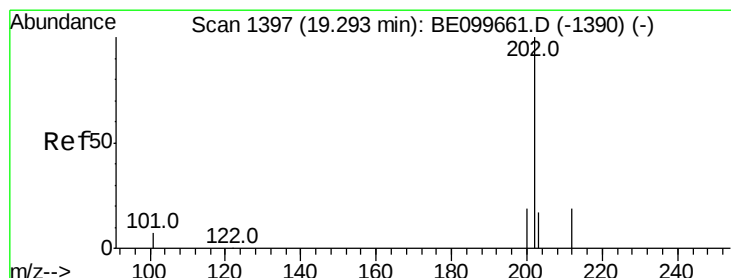
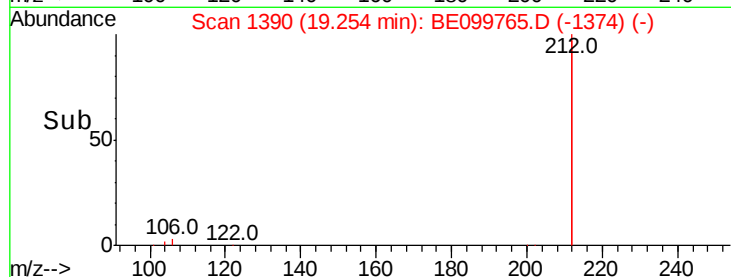
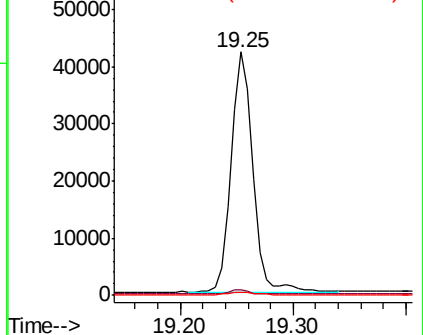
104 1.2 0.8 1.2



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: 0.481 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

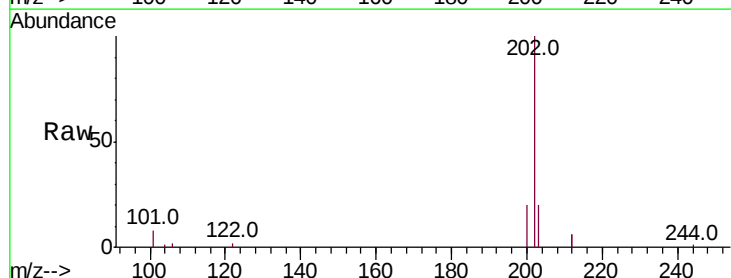
Tgt Ion:202 Resp: 19372

Ion Ratio Lower Upper

202 100

101 7.5 5.2 7.8

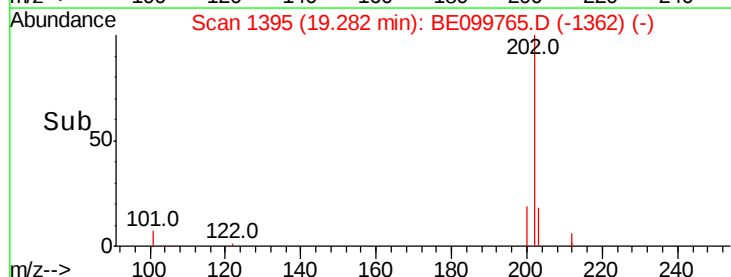
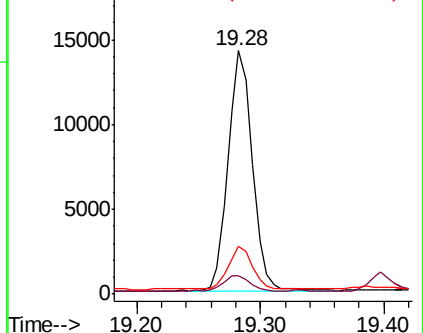
203 17.9 13.8 20.6

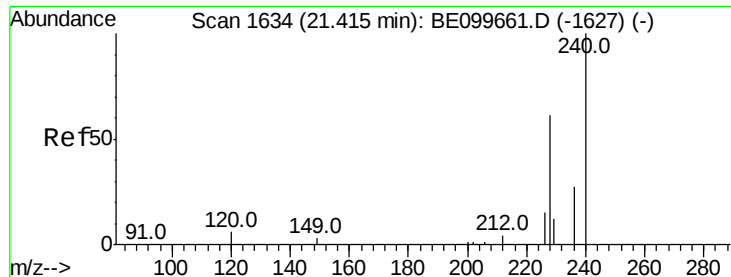


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampleID :

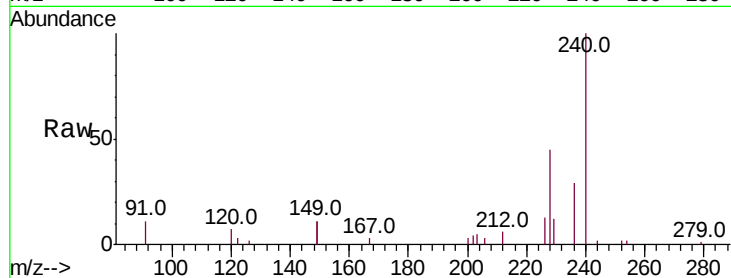
Tot Ion:240 Resp: 15516

Ion Ratio Lower Upper

240 100

120 7.4 5.4 8.0

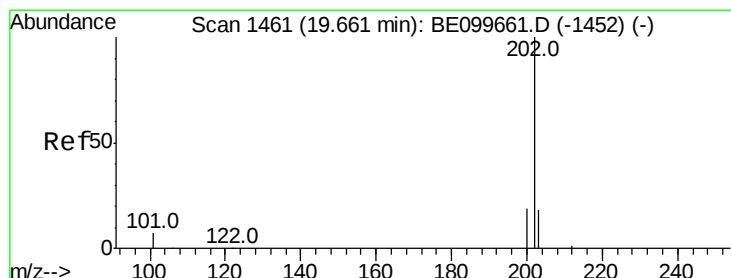
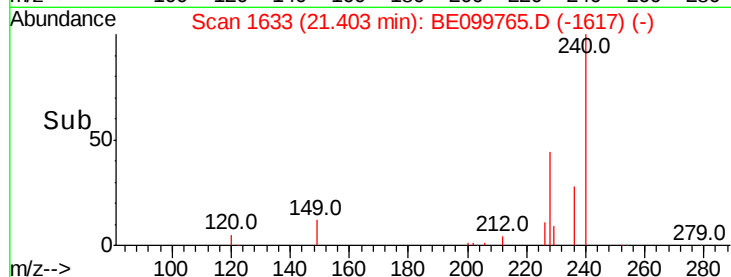
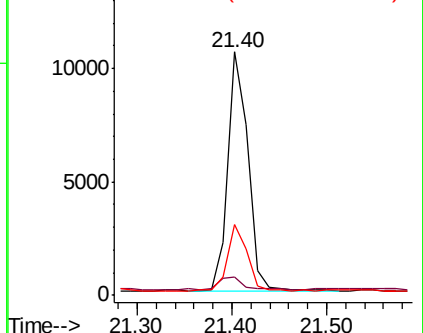
236 29.1 21.7 32.5



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: 0.518 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

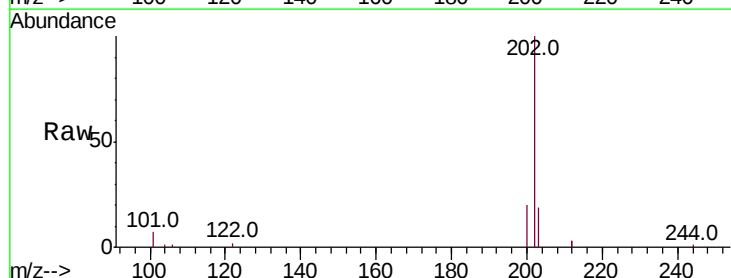
Tgt Ion:202 Resp: 20205

Ion Ratio Lower Upper

202 100

200 19.6 15.4 23.2

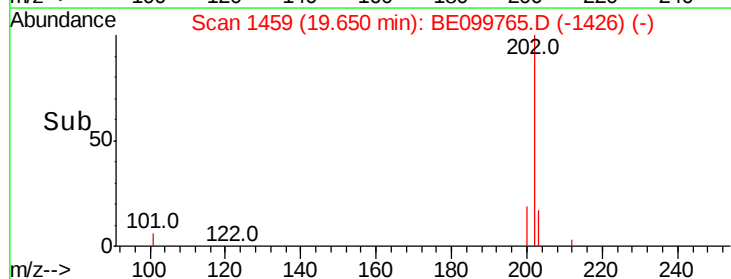
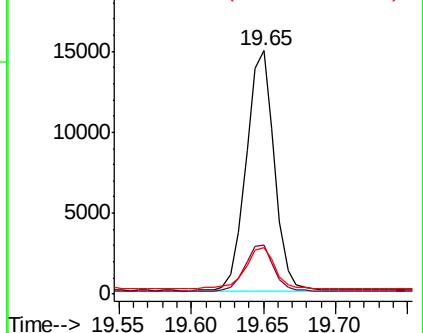
203 19.0 13.8 20.8

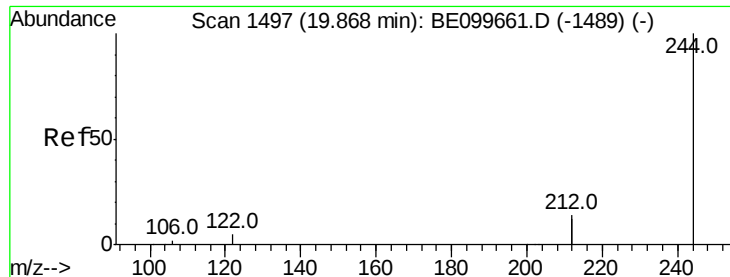


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.765 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampleId :

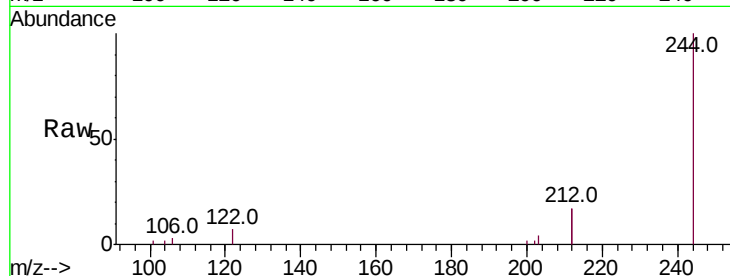
Tot Ion:244 Resp: 21191

Ion Ratio Lower Upper

244 100

212 33.5 22.5 33.7

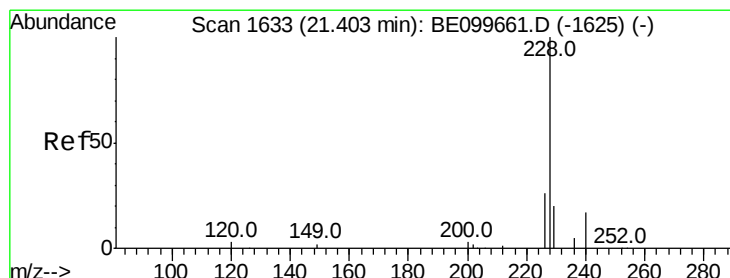
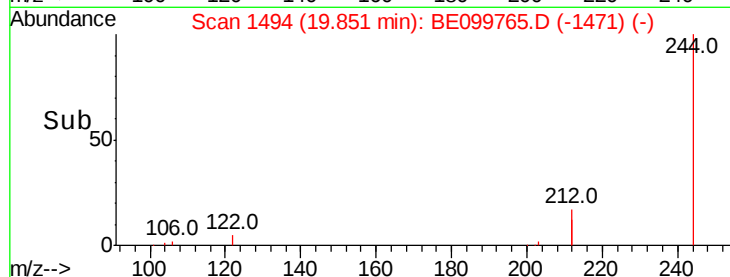
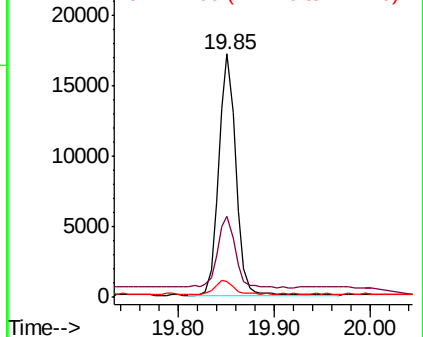
122 6.6 4.3 6.5#



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: 0.519 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

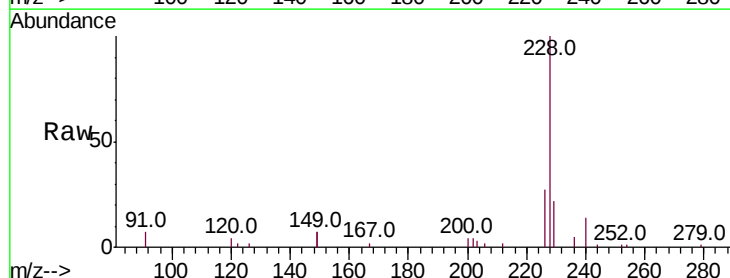
Tgt Ion:228 Resp: 22884

Ion Ratio Lower Upper

228 100

226 26.9 21.3 31.9

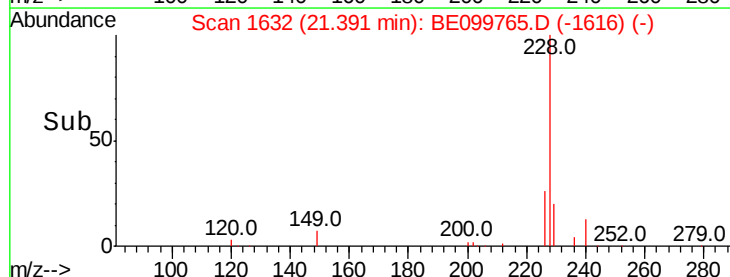
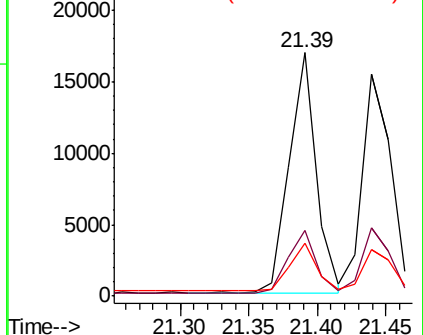
229 21.9 16.1 24.1

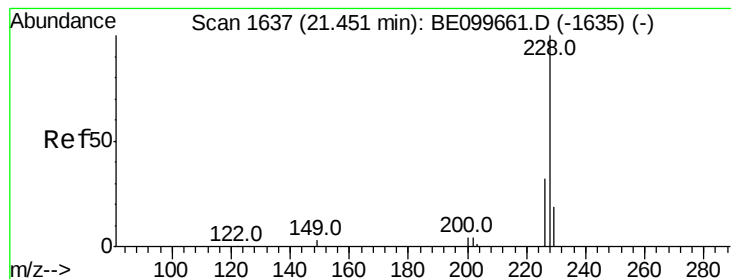


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.466 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampled :

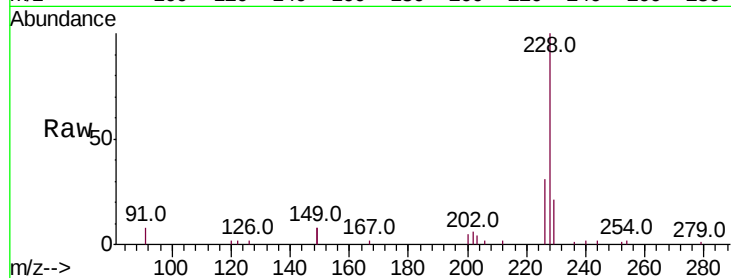
Tot Ion:228 Resp: 21984

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

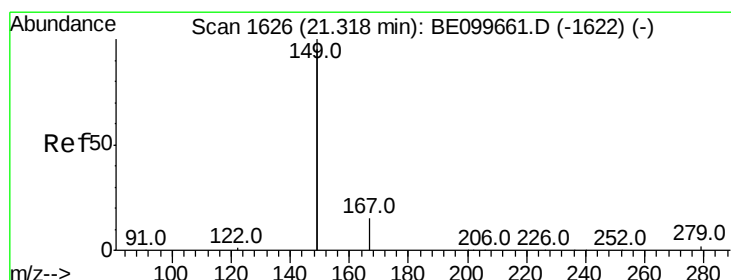
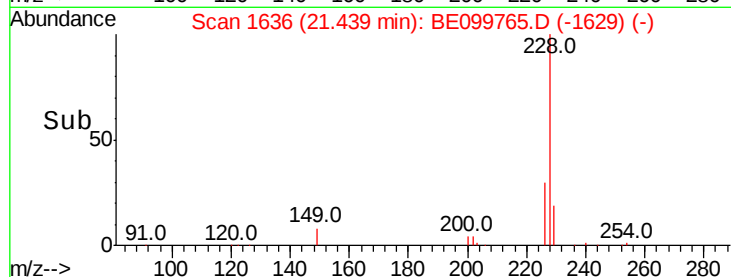
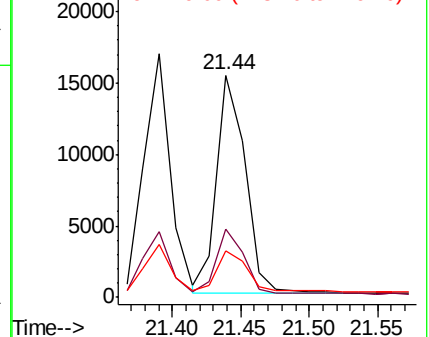
229 21.0 15.8 23.6



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: 1.195 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

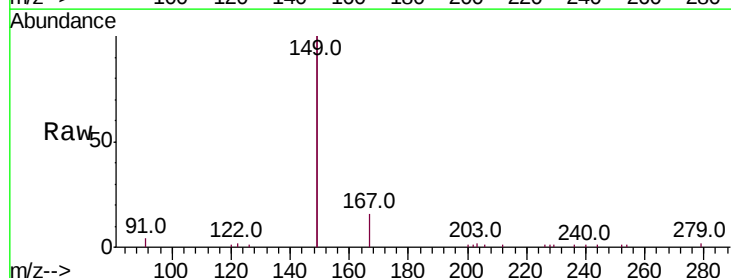
Tgt Ion:149 Resp: 60726

Ion Ratio Lower Upper

149 100

167 7.8 6.2 9.4

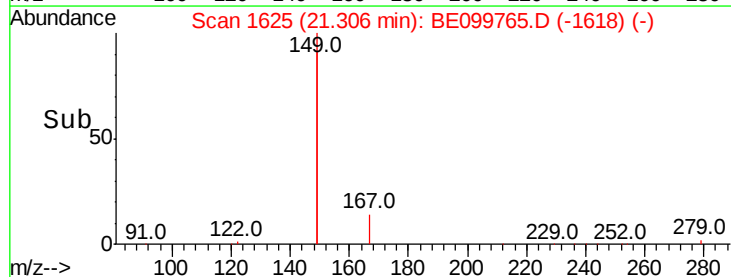
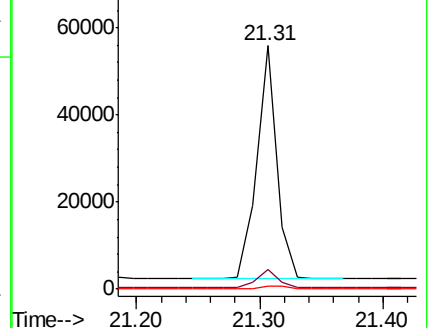
279 1.5 1.2 1.8

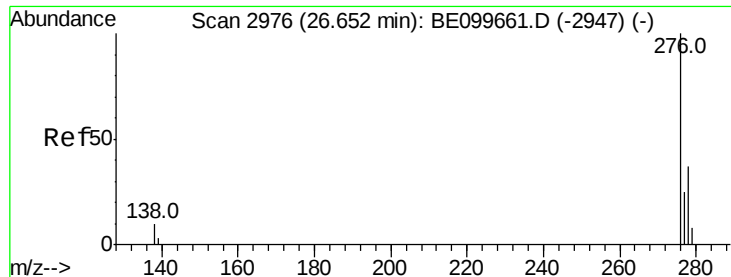


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

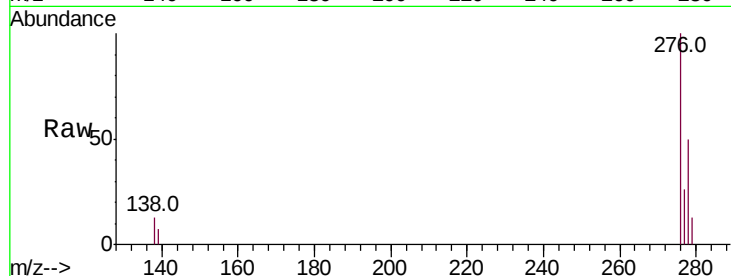




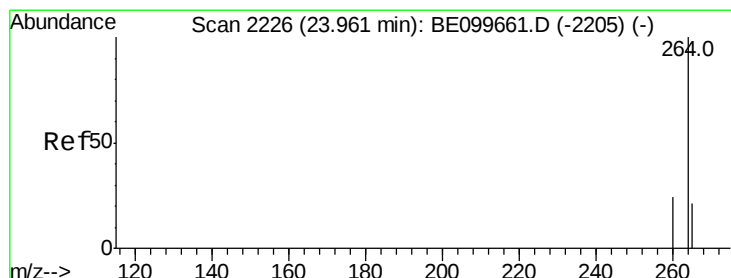
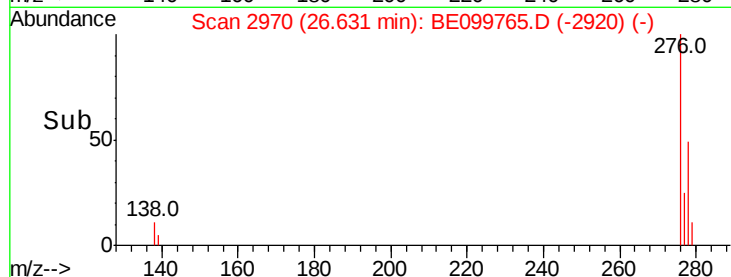
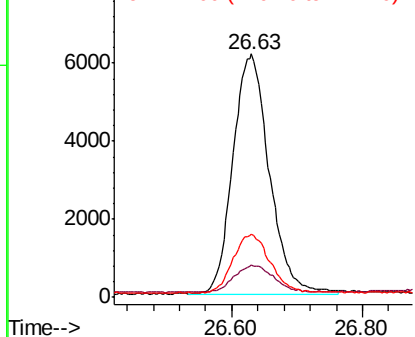
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.418 ng
 RT: 26.63 min Scan# 2970
 Delta R.T. -0.02 min
 Lab File: BE099765.D
 Acq: 28 May 2019 20:07

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 23799
 Ion Ratio Lower Upper
 276 100
 138 12.2 9.6 14.4
 277 24.7 19.2 28.8

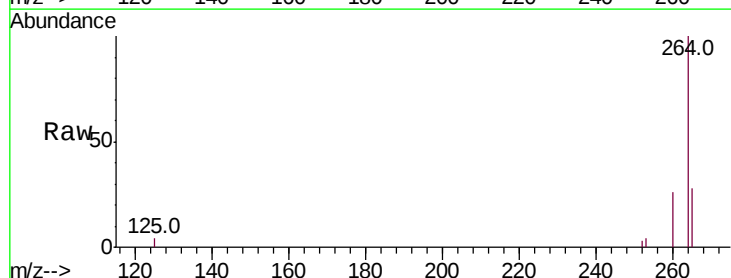


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

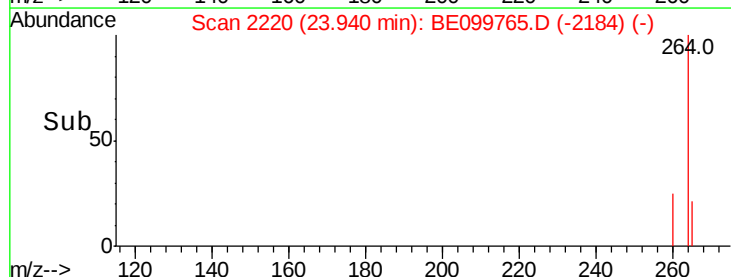
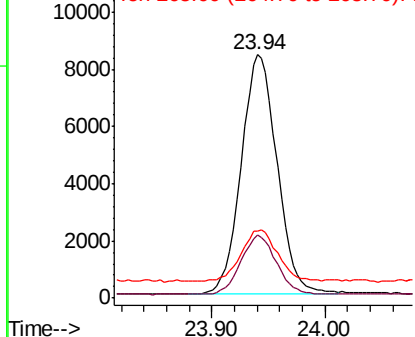


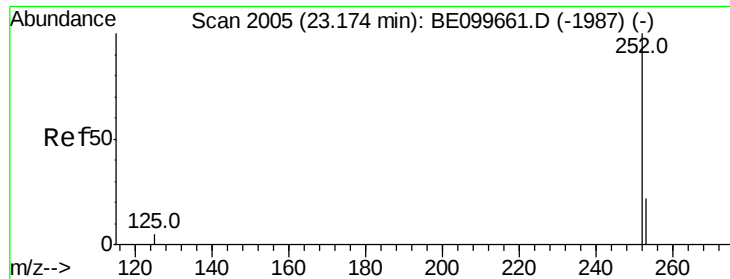
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2220
 Delta R.T. -0.02 min
 Lab File: BE099765.D
 Acq: 28 May 2019 20:07

Tgt Ion:264 Resp: 18509
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.6 29.4
 265 27.5 19.1 28.7



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: 0.426 ng

RT: 23.16 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampleId :

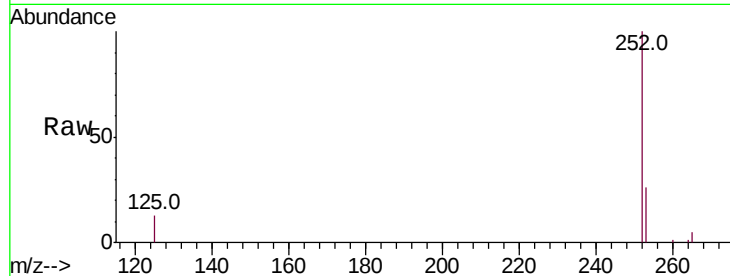
Tot Ion:252 Resp: 21609

Ion Ratio Lower Upper

252 100

253 26.0 18.2 27.4

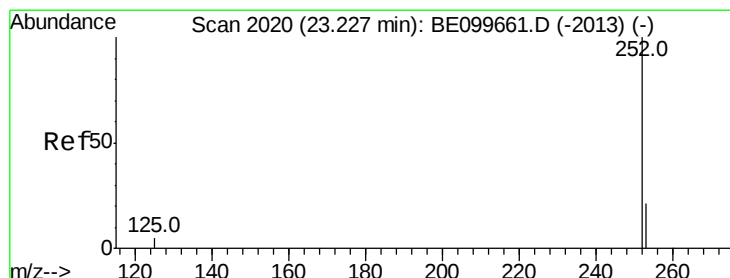
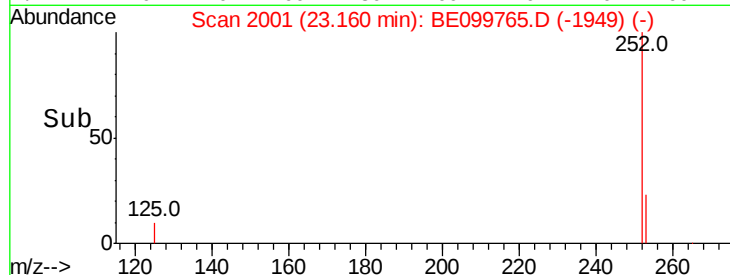
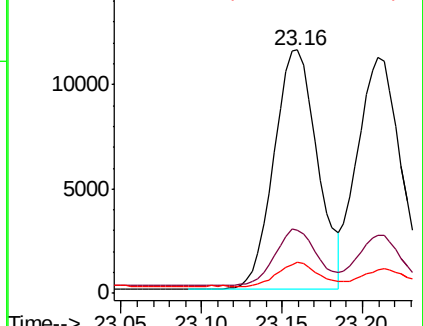
125 12.8 4.5 6.7#



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: 0.395 ng

RT: 23.21 min Scan# 2015

Delta R.T. -0.02 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

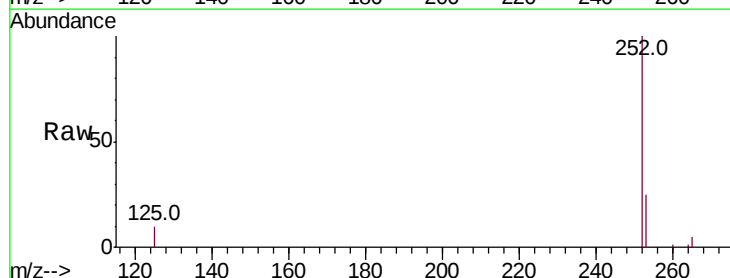
Tgt Ion:252 Resp: 20881

Ion Ratio Lower Upper

252 100

253 24.9 17.8 26.8

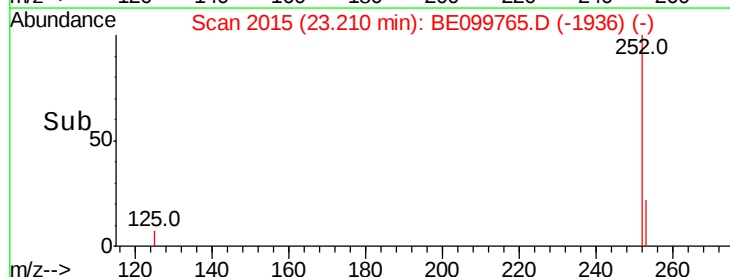
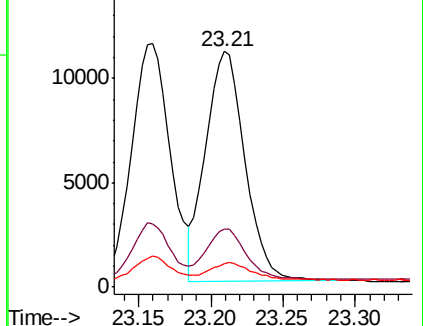
125 9.8 4.6 6.8#

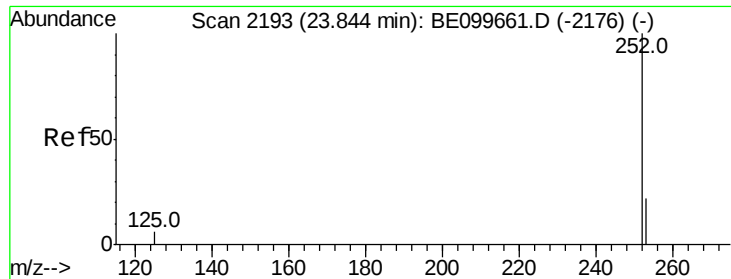


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.419 ng

RT: 23.83 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampleId :

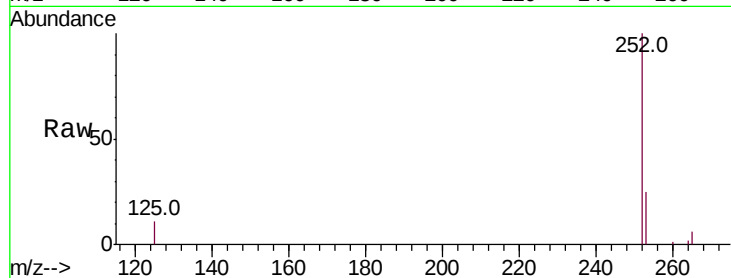
Tot Ion:252 Resp: 20453

Ion Ratio Lower Upper

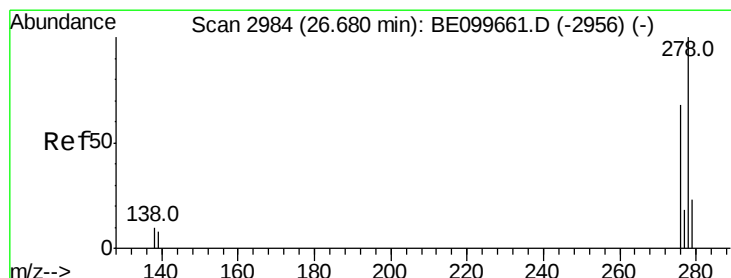
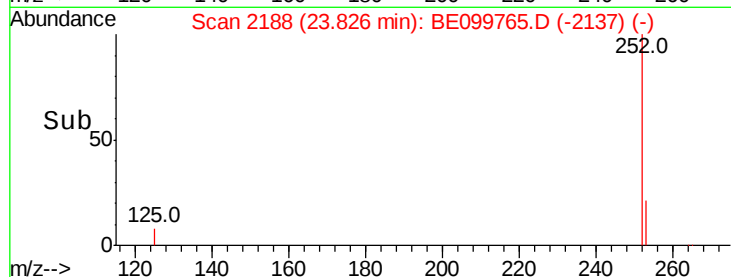
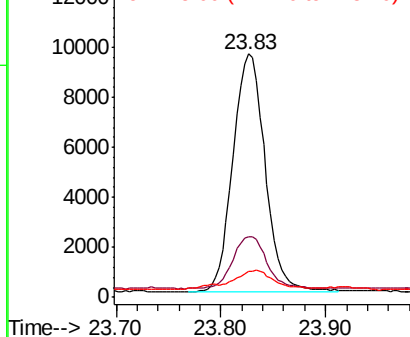
252 100

253 24.6 18.9 28.3

125 10.6 5.4 8.0#



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: 0.375 ng

RT: 26.65 min Scan# 2976

Delta R.T. -0.03 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

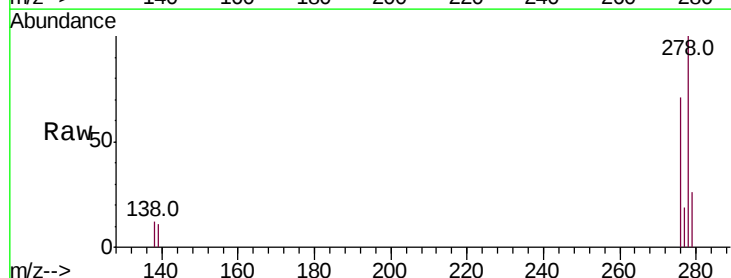
Tgt Ion:278 Resp: 19228

Ion Ratio Lower Upper

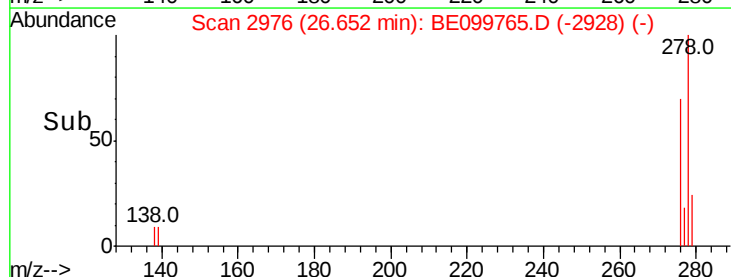
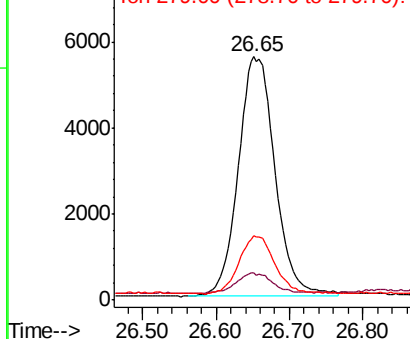
278 100

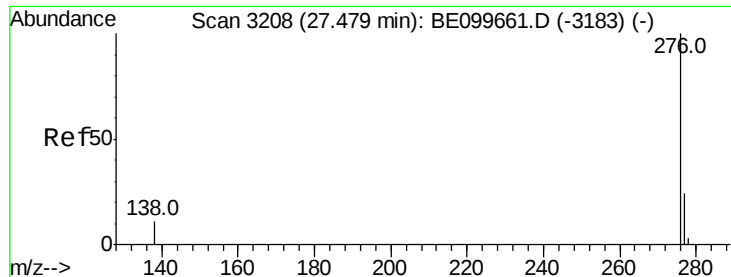
139 11.2 6.9 10.3#

279 26.3 19.2 28.8



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: 0.398 ng

RT: 27.45 min Scan# 3201

Delta R.T. -0.02 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampleId :

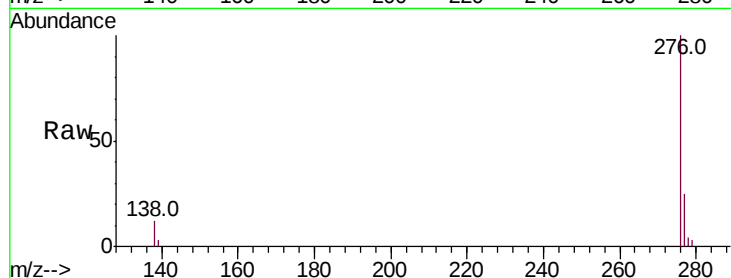
Tot Ion:276 Resp: 20598

Ion Ratio Lower Upper

276 100

277 24.9 19.8 29.6

138 12.3 9.2 13.8



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

