

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
 Data File : BE099666.D
 Acq On : 20 May 2019 18:37
 Operator : JU/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE052019

Quant Time: May 20 19:36:09 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	7.82	152	1868	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	6576	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4778	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	14826	0.40	ng	0.00
27) Chrysene-d12	21.41	240	20915	0.40	ng	0.00
34) Perylene-d12	23.96	264	24574	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1617	0.34	ng	0.00
5) Phenol-d6	6.98	99	2173	0.35	ng	0.00
8) Nitrobenzene-d5	8.98	82	1935	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4038	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	846	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	6241	0.34	ng	0.00
25) Fluoranthene-d10	19.27	212	69982	0.35	ng	0.00
29) Terphenyl-d14	19.86	244	14016	0.38	ng	0.00

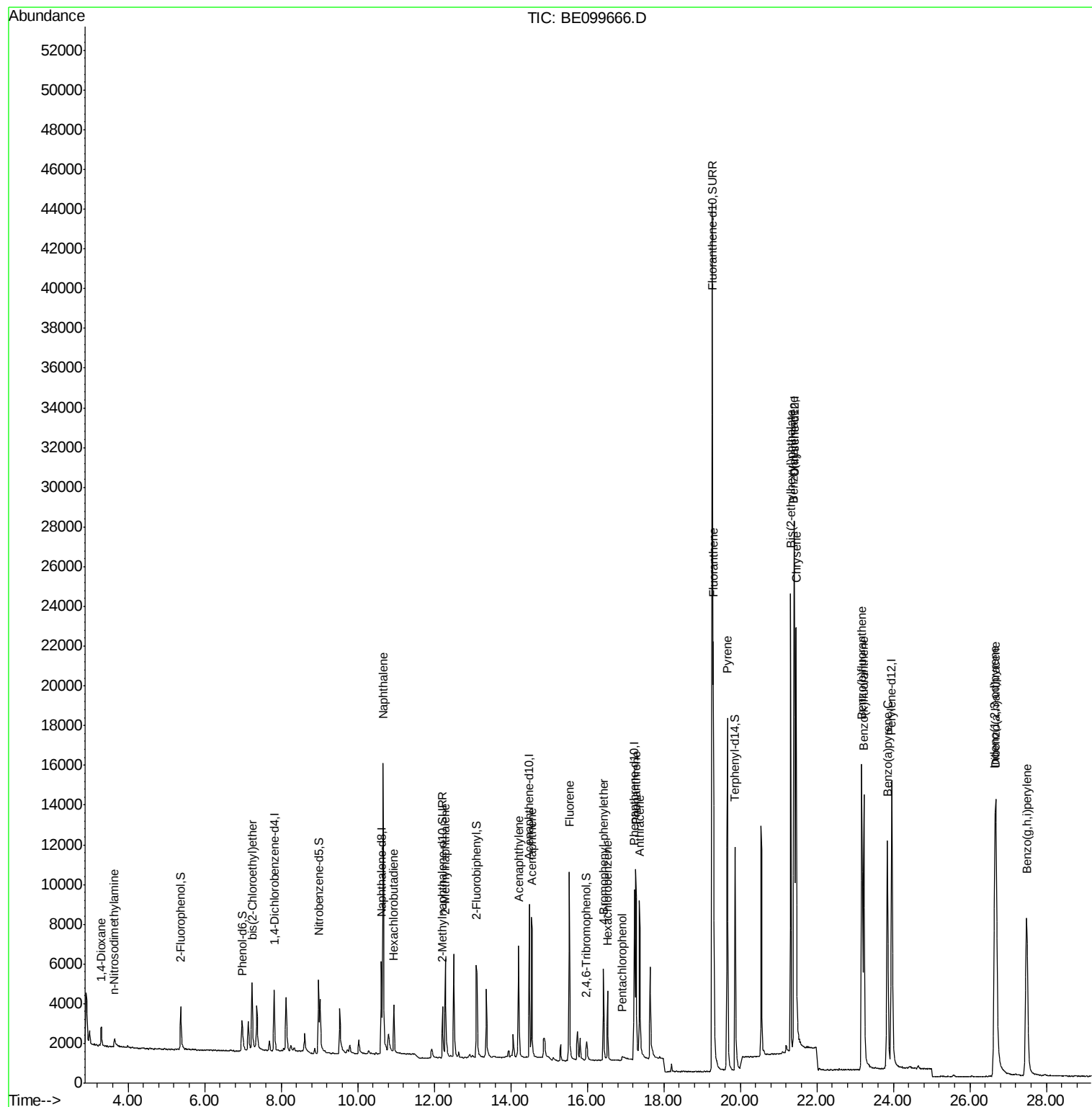
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	990	0.358	ng	95
3) n-Nitrosodimethylamine	3.64	42	411	0.269	ng	# 88
6) bis(2-Chloroethyl)ether	7.24	93	1933	0.348	ng	94
9) Naphthalene	10.67	128	25188	0.358	ng	100
10) Hexachlorobutadiene	10.94	225	1905	0.368	ng	96
12) 2-Methylnaphthalene	12.30	142	4101	0.358	ng	99
16) Acenaphthylene	14.21	152	7654	0.344	ng	100
17) Acenaphthene	14.56	154	4338	0.347	ng	98
18) Fluorene	15.53	166	6467	0.351	ng	99
20) 4-Bromophenyl-phenylether	16.43	248	2911	0.341	ng	99
21) Hexachlorobenzene	16.53	284	3070	0.351	ng	99
22) Pentachlorophenol	16.92	266	410	0.335	ng	98
23) Phenanthrene	17.27	178	12460	0.344	ng	100
24) Anthracene	17.36	178	10558	0.321	ng	99
26) Fluoranthene	19.29	202	20059	0.350	ng	99
28) Pyrene	19.66	202	20204	0.384	ng	100
30) Benzo(a)anthracene	21.40	228	21842	0.368	ng	99
31) Chrysene	21.46	228	24830	0.391	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	24159	0.353	ng	100
33) Indeno(1,2,3-cd)pyrene	26.65	276	29243	0.381	ng	99
35) Benzo(b)fluoranthene	23.17	252	24040	0.357	ng	99
36) Benzo(k)fluoranthene	23.23	252	24738	0.352	ng	99
37) Benzo(a)pyrene	23.84	252	23385	0.361	ng	99
38) Dibenzo(a,h)anthracene	26.69	278	23704	0.348	ng	99
39) Benzo(g,h,i)perylene	27.48	276	24436	0.356	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
Data File : BE099666.D
Acq On : 20 May 2019 18:37
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE052019

Quant Time: May 20 19:36:09 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

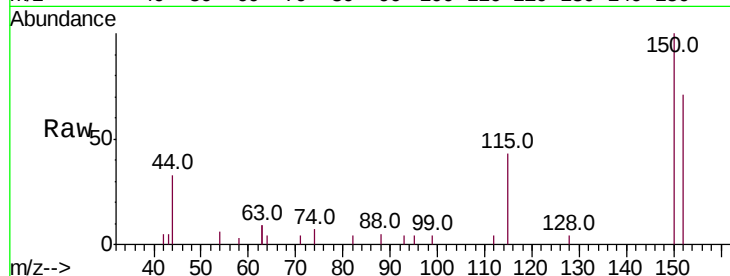
Tot Ion:152 Resp: 1868

Ion Ratio Lower Upper

152 100

150 140.0 109.2 163.8

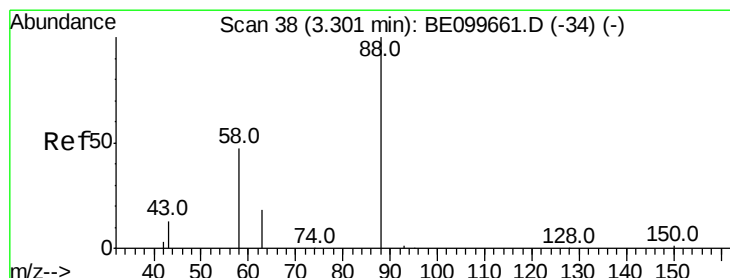
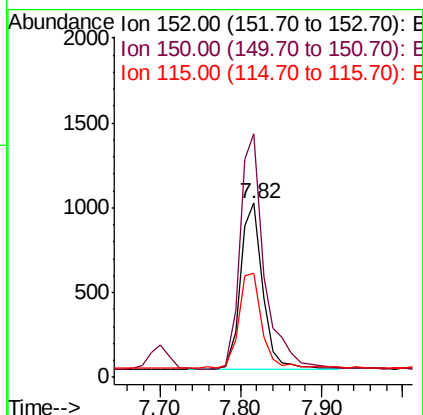
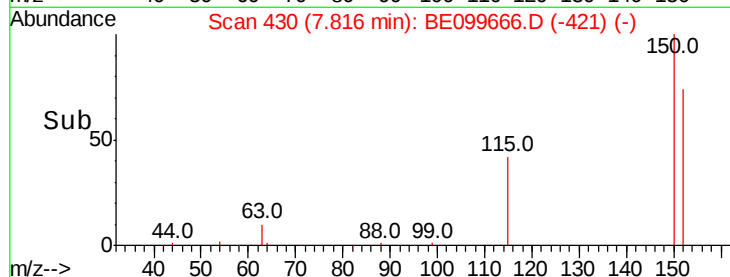
115 59.7 43.7 65.5



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: 0.358 ng

RT: 3.30 min Scan# 38

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

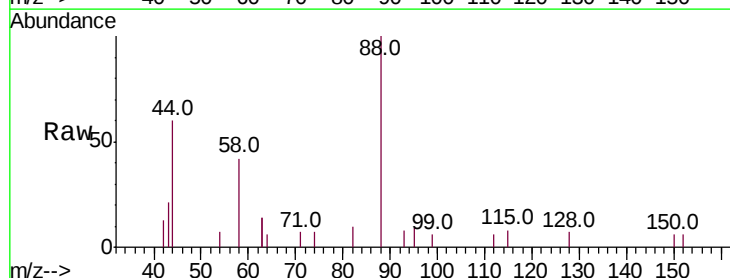
Tgt Ion: 88 Resp: 990

Ion Ratio Lower Upper

88 100

58 56.8 41.8 62.8

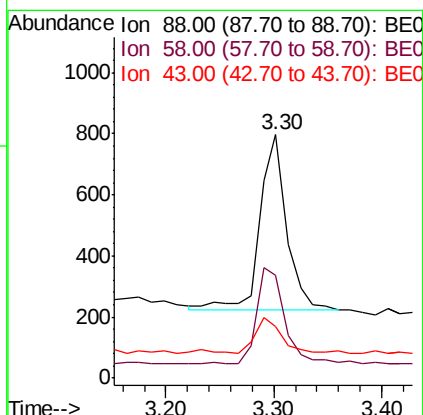
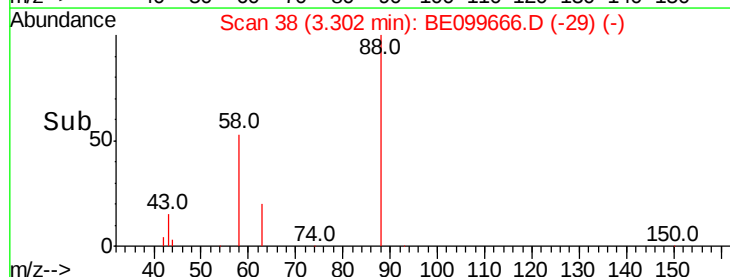
43 18.9 15.0 22.4



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: 0.269 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

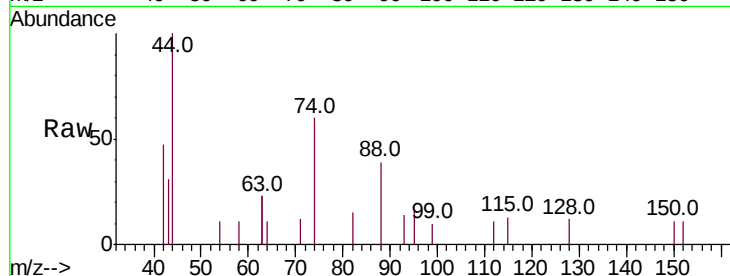
Tot Ion: 42 Resp: 411

Ion Ratio Lower Upper

42 100

74 177.6 129.2 193.8

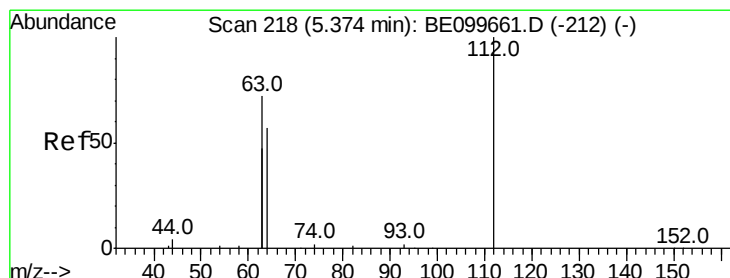
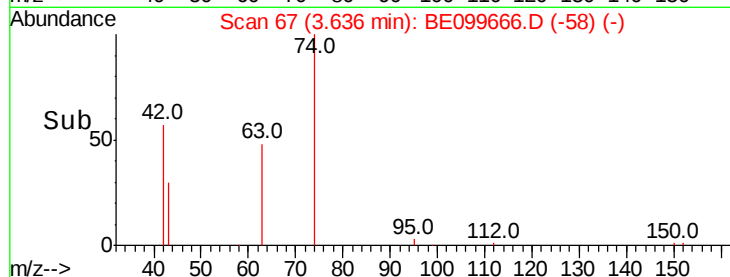
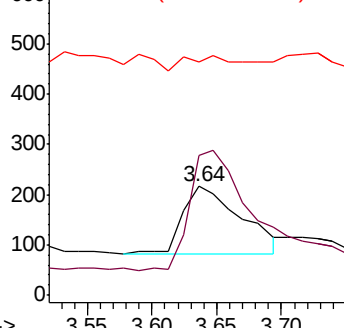
44 18.5 0.0 0.0#



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: 0.343 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

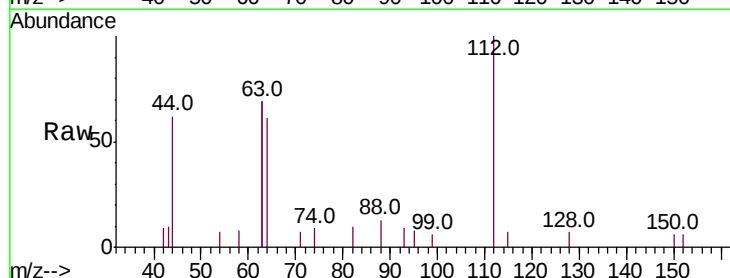
Tgt Ion: 112 Resp: 1617

Ion Ratio Lower Upper

112 100

64 57.0 43.4 65.2

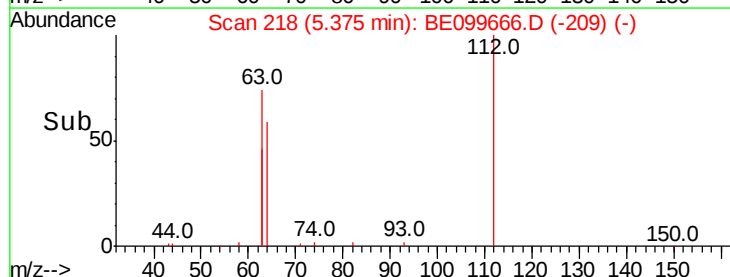
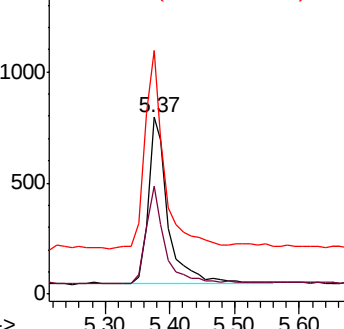
63 116.0 96.9 145.3

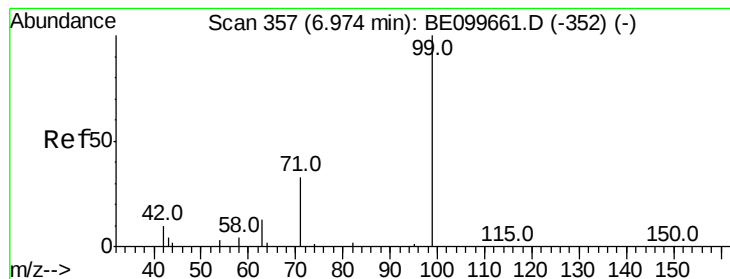


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.348 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

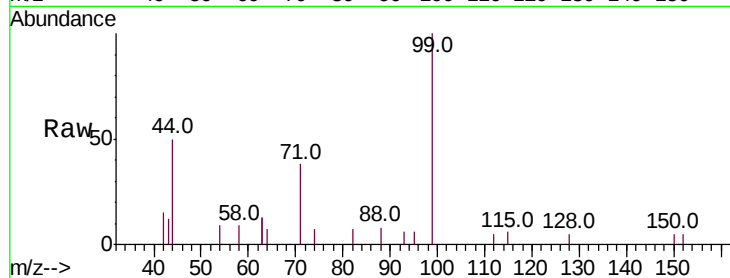
Tot Ion: 99 Resp: 2173

Ion Ratio Lower Upper

99 100

42 13.6 12.2 18.2

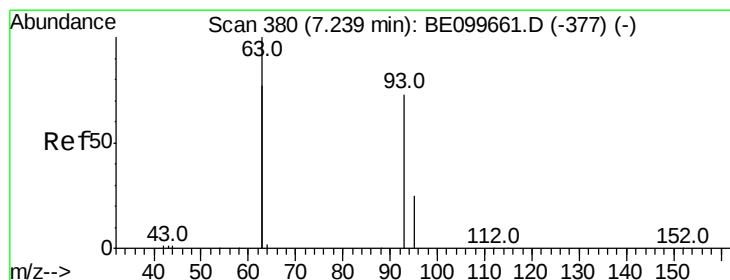
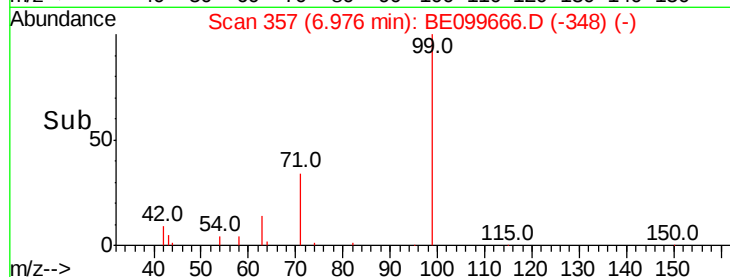
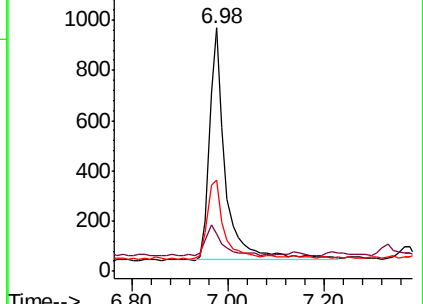
71 34.4 28.9 43.3



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

bis(2-Chloroethyl)ether

Concen: 0.348 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

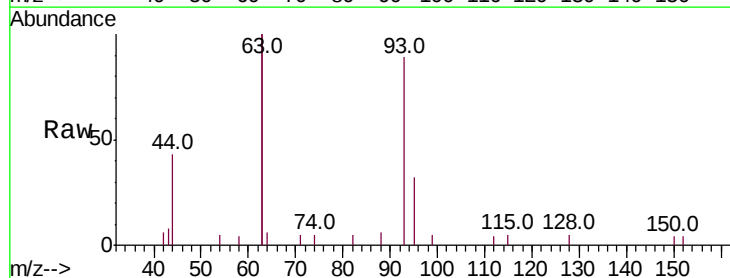
Tgt Ion: 93 Resp: 1933

Ion Ratio Lower Upper

93 100

63 247.2 207.8 311.6

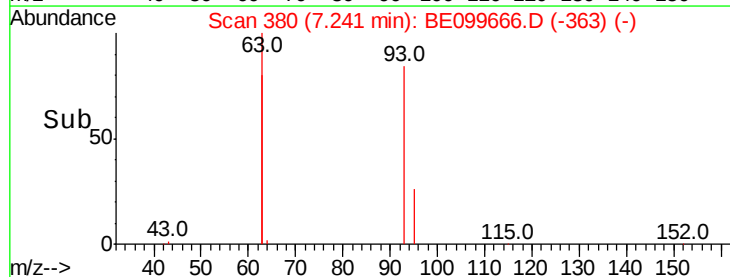
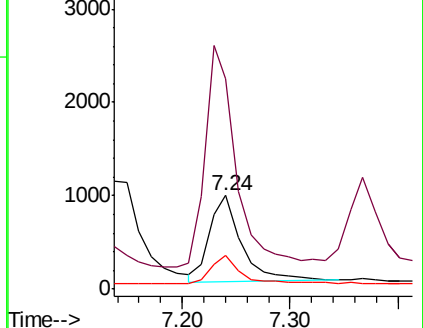
95 31.3 25.9 38.9

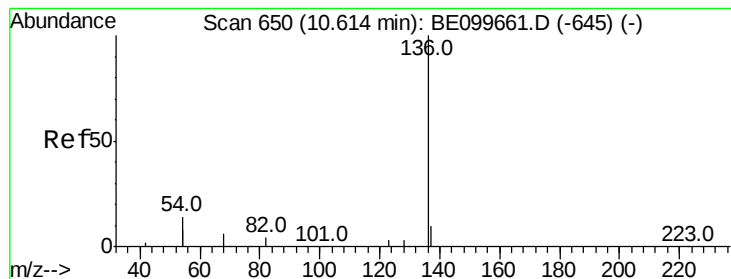


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

Tot Ion:136 Resp: 6576

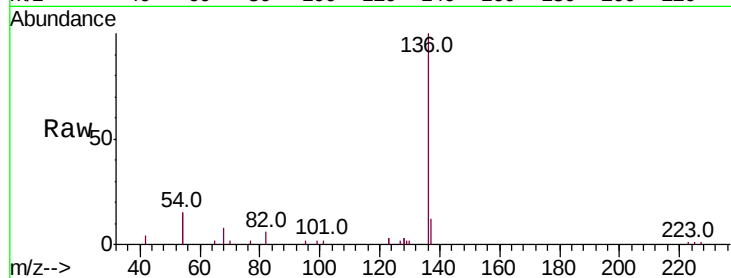
Ion Ratio Lower Upper

136 100

137 12.4 9.0 13.6

54 29.3 22.3 33.5

68 8.1 6.0 9.0

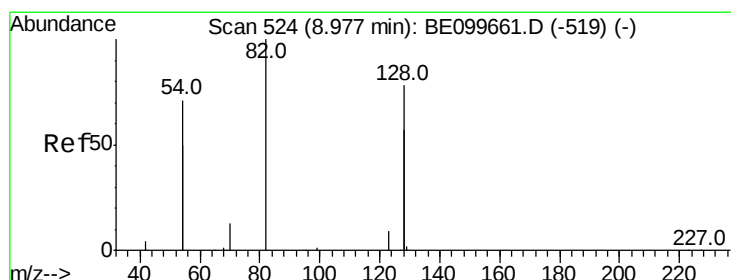
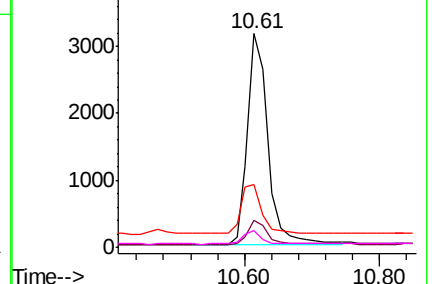
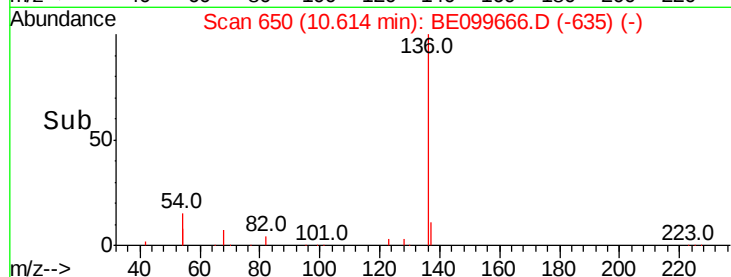


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.340 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

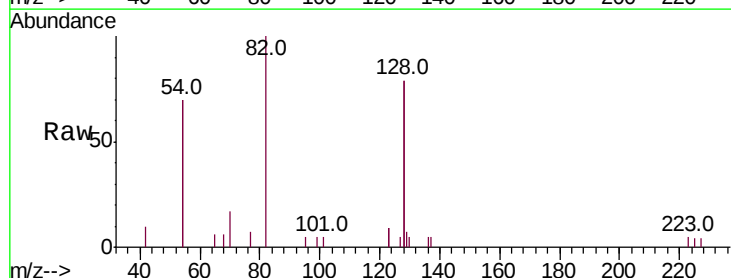
Tgt Ion: 82 Resp: 1935

Ion Ratio Lower Upper

82 100

128 157.8 117.7 176.5

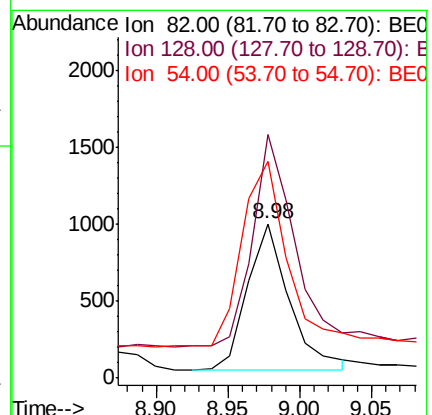
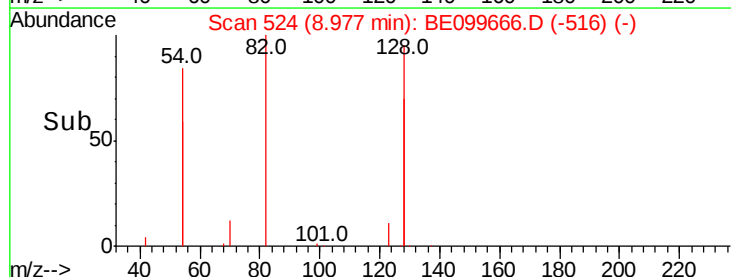
54 140.7 106.6 160.0

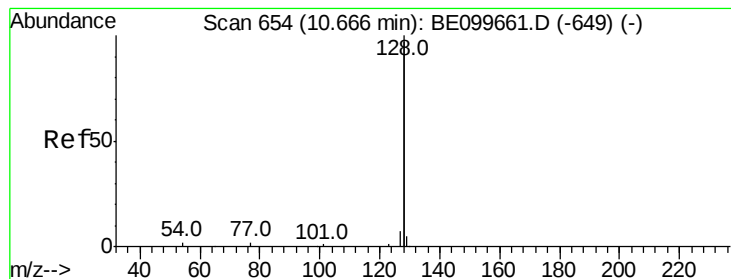


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.358 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

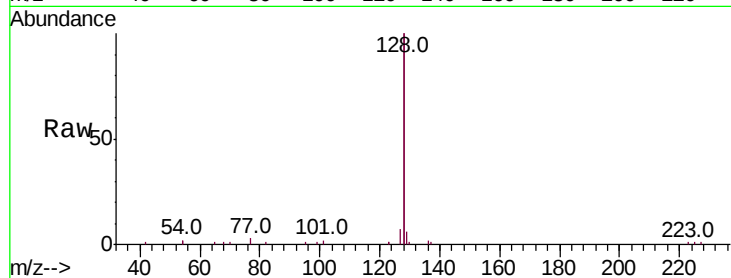
Tot Ion:128 Resp: 25188

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

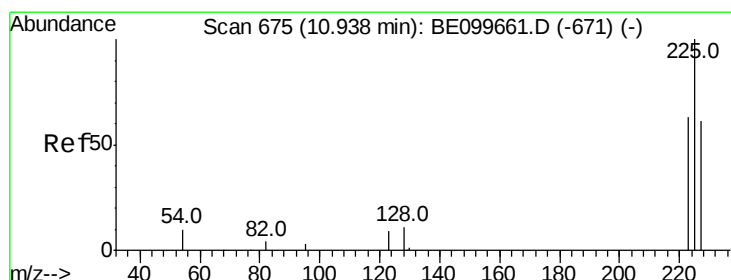
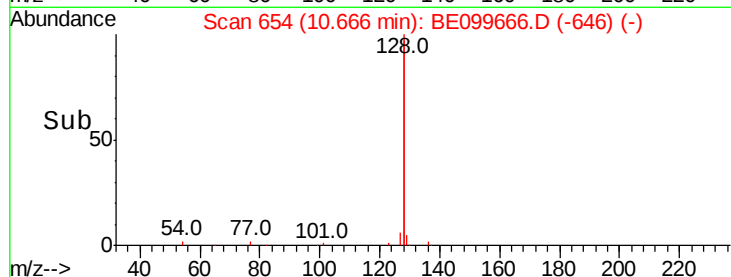
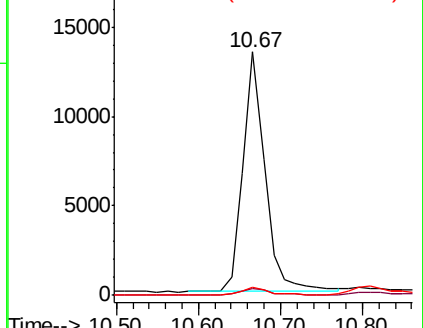
127 3.5 2.9 4.3



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: 0.368 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

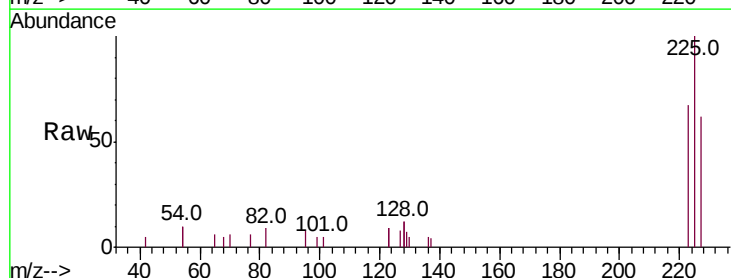
Tgt Ion:225 Resp: 1905

Ion Ratio Lower Upper

225 100

223 62.5 51.8 77.6

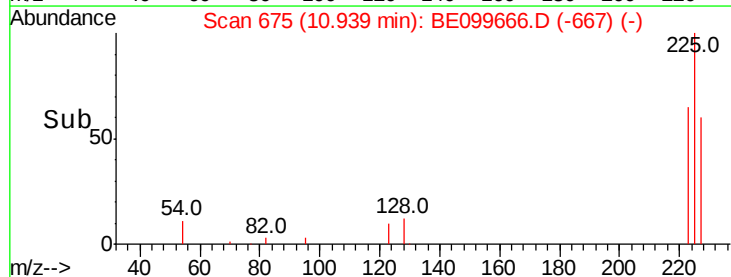
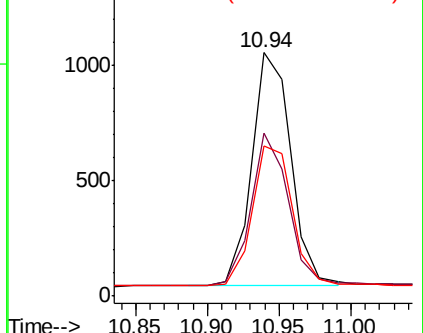
227 61.9 52.6 79.0

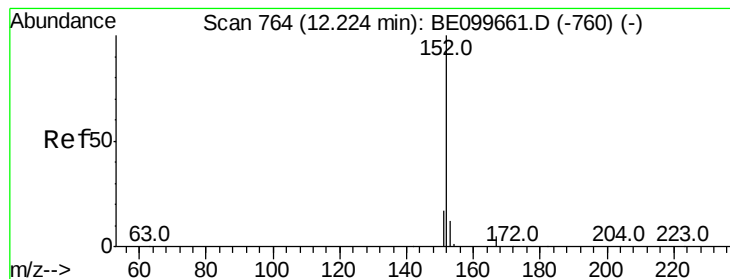


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.356 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

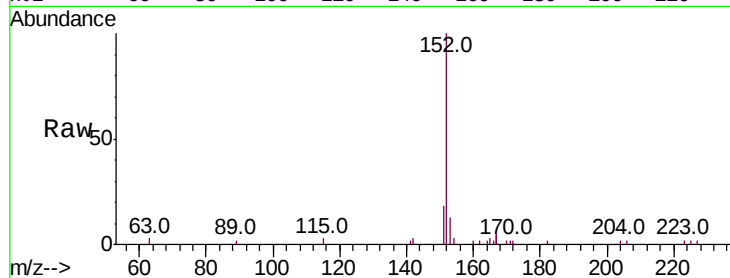
ICVBE052019

Tot Ion:152 Resp: 4038

Ion Ratio Lower Upper

152 100

151 18.7 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

2000

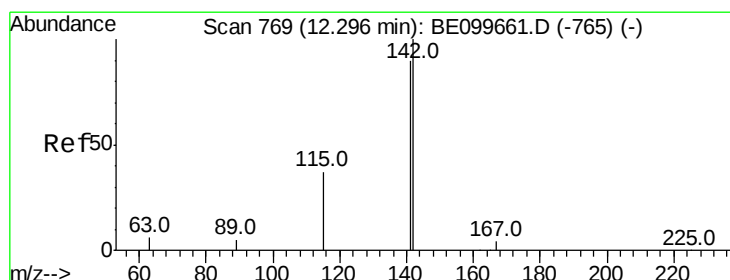
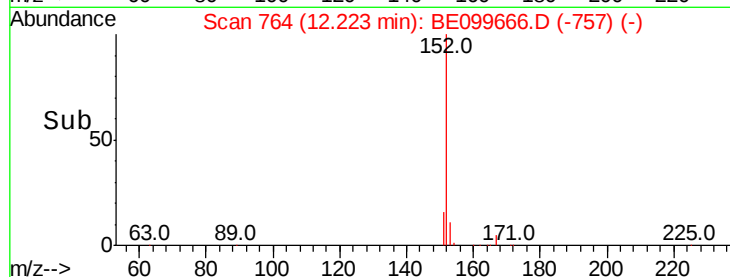
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.358 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

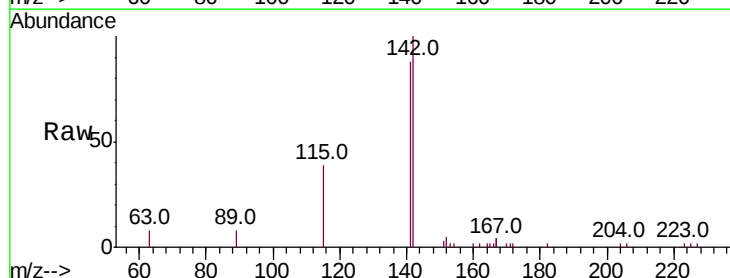
Tgt Ion:142 Resp: 4101

Ion Ratio Lower Upper

142 100

141 88.1 72.0 108.0

115 38.9 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

2500

2000

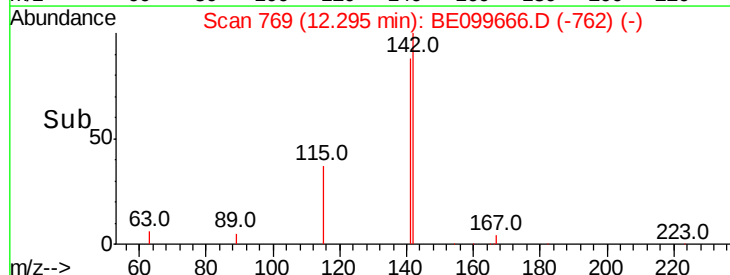
1500

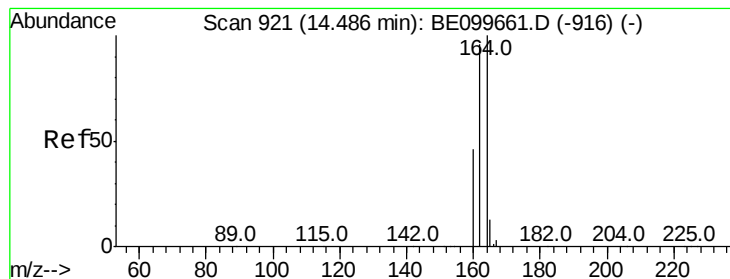
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

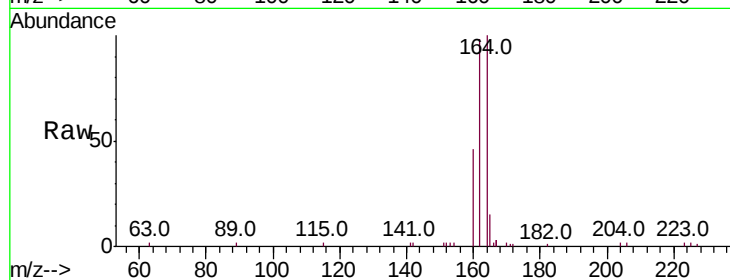
Tot Ion:164 Resp: 4778

Ion Ratio Lower Upper

164 100

162 98.0 76.5 114.7

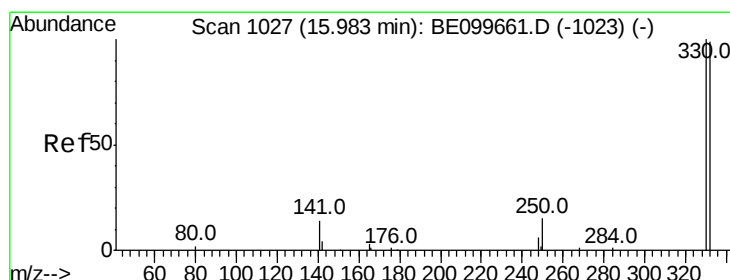
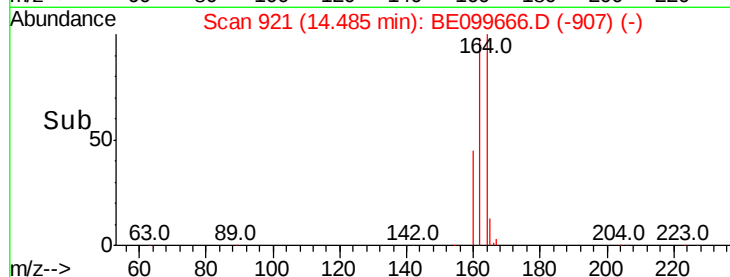
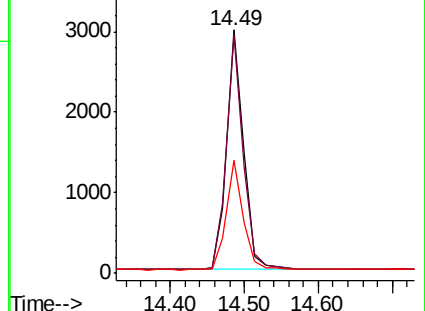
160 46.3 37.4 56.2



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: 0.366 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

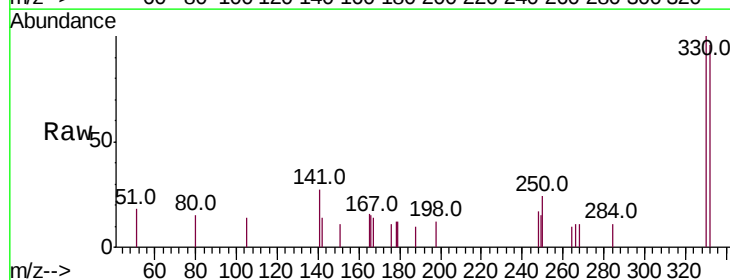
Tgt Ion:330 Resp: 846

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

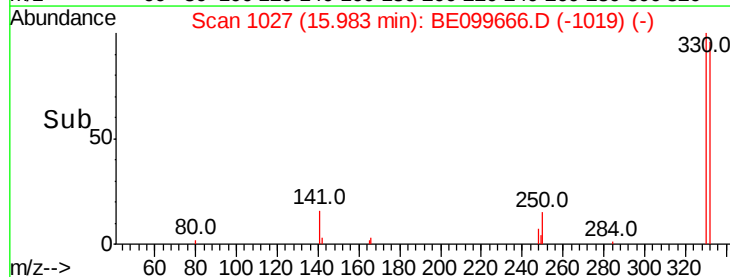
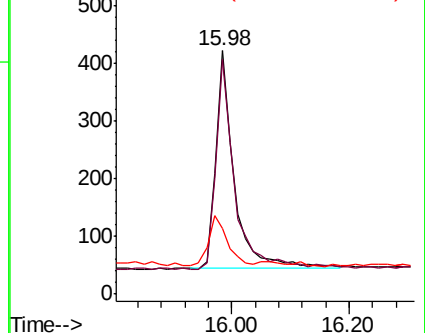
141 22.9 18.9 28.3

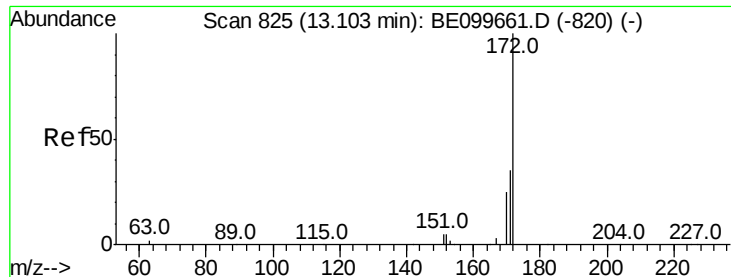


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

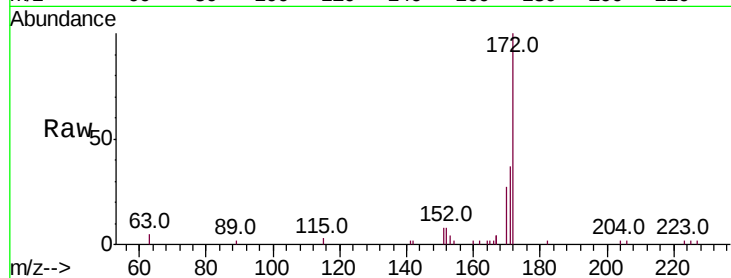




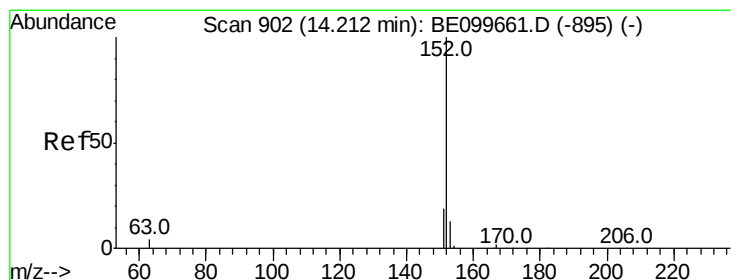
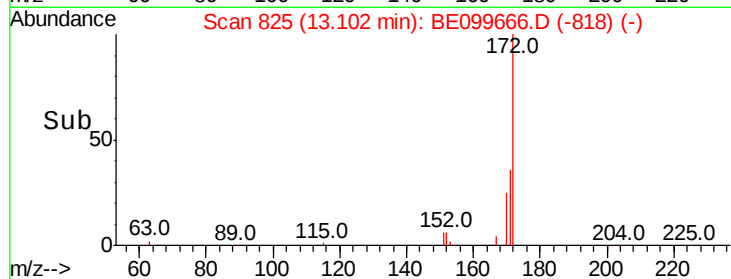
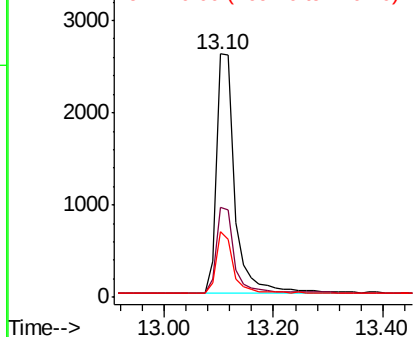
#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099666.D
Acq: 20 May 2019 18:37

Instrument :
BNA_E
ClientSampleId :
ICVBE052019

Tot Ion:172 Resp: 6241
Ion Ratio Lower Upper
172 100
171 36.9 28.7 43.1
170 26.8 20.9 31.3

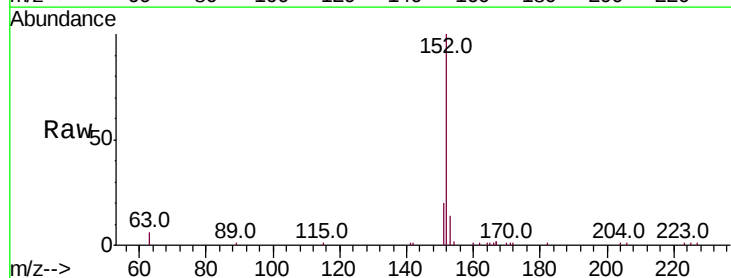


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

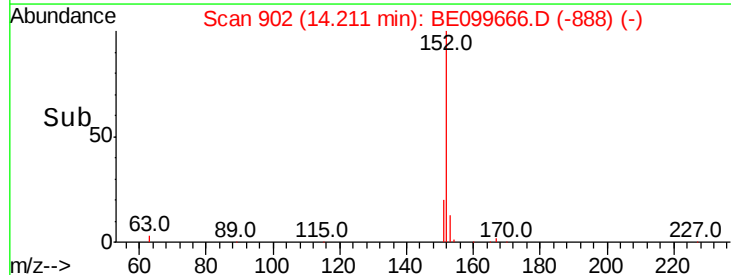
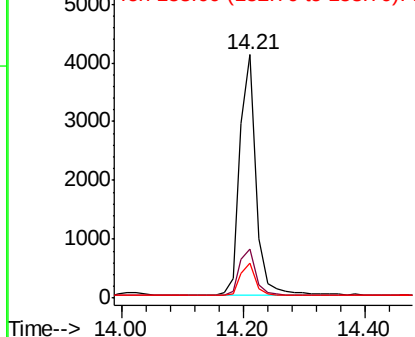


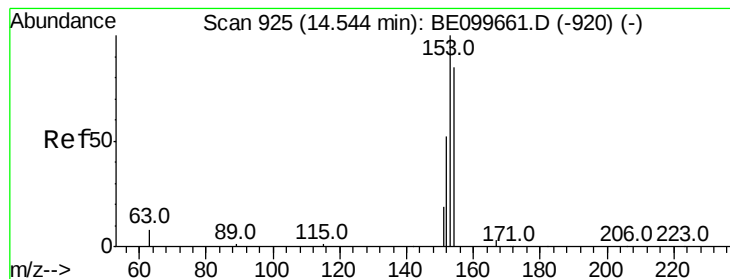
#16
Acenaphthylene
Concen: 0.344 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099666.D
Acq: 20 May 2019 18:37

Tgt Ion:152 Resp: 7654
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 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: 0.347 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.01 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

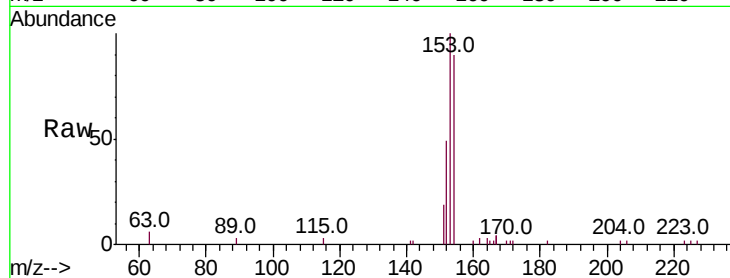
Tot Ion:154 Resp: 4338

Ion Ratio Lower Upper

154 100

153 116.4 91.8 137.6

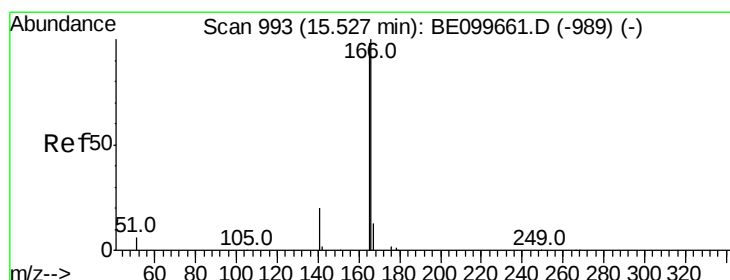
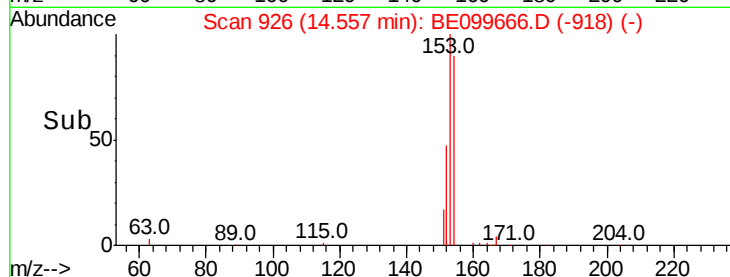
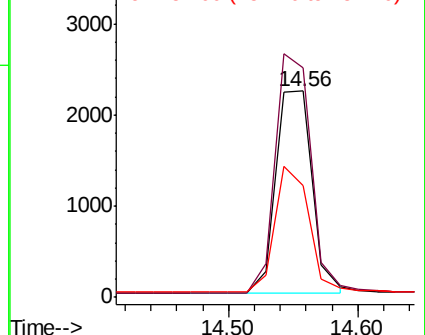
152 58.5 46.0 69.0



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: 0.351 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

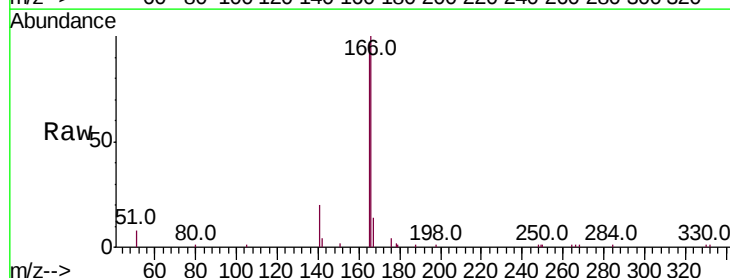
Tgt Ion:166 Resp: 6467

Ion Ratio Lower Upper

166 100

165 99.1 80.3 120.5

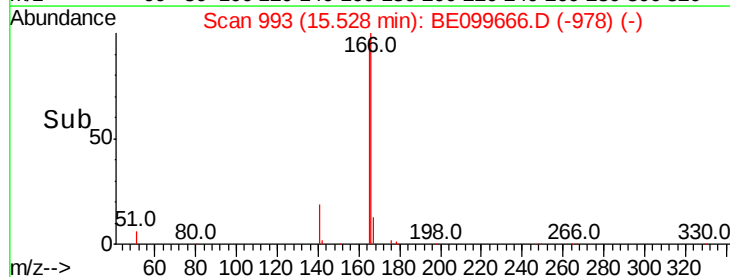
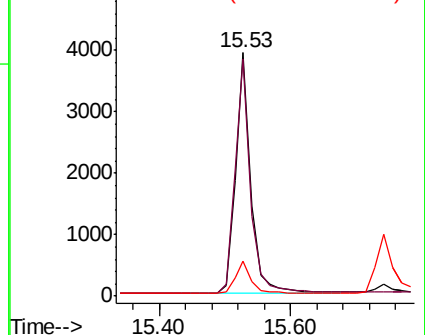
167 13.9 10.6 16.0

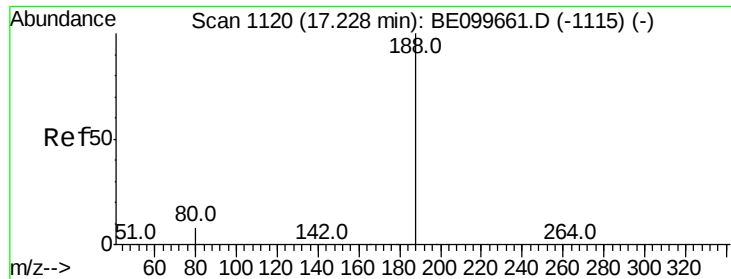


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

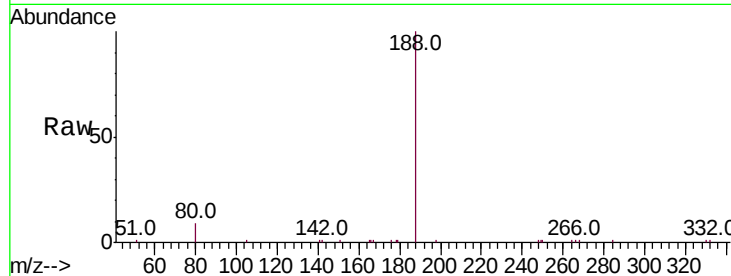
Tot Ion:188 Resp: 14826

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

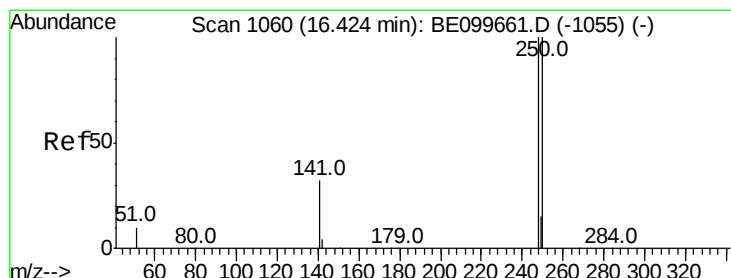
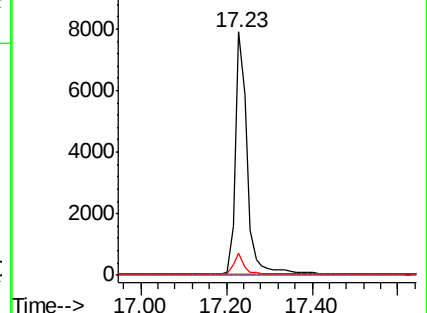
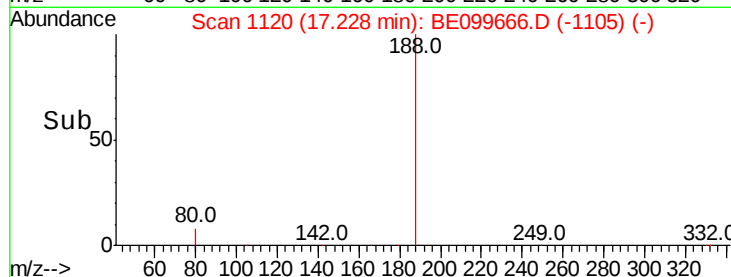
80 9.0 6.7 10.1



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: 0.341 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

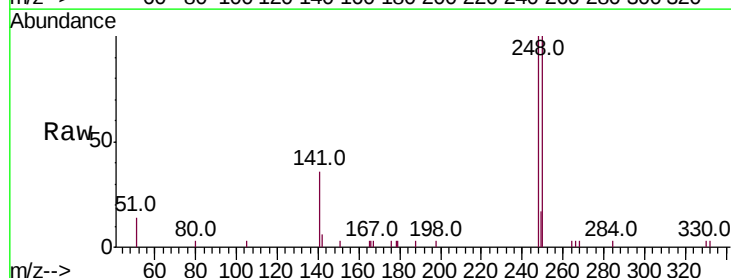
Tgt Ion:248 Resp: 2911

Ion Ratio Lower Upper

248 100

250 99.7 79.8 119.8

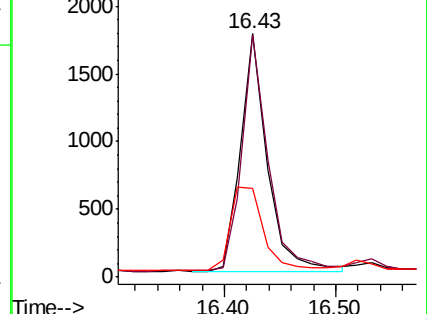
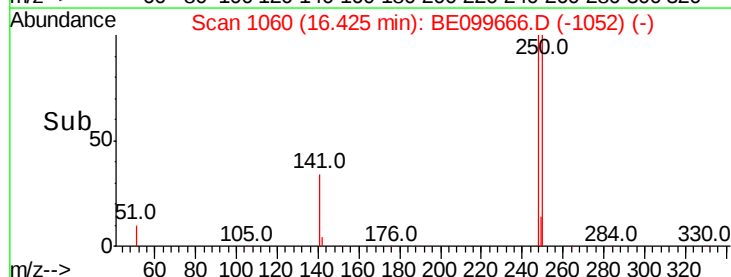
141 36.3 27.0 40.6

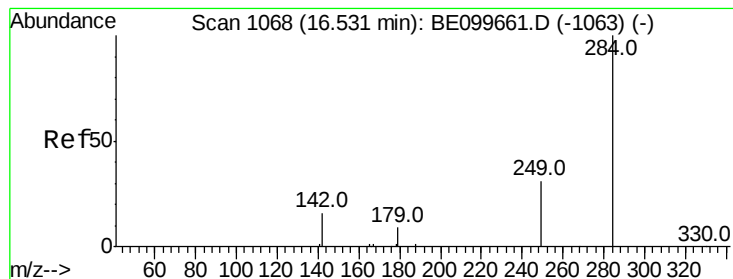


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.351 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

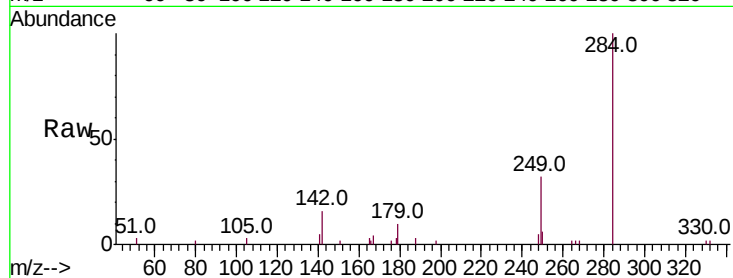
Tot Ion:284 Resp: 3070

Ion Ratio Lower Upper

284 100

142 21.9 17.8 26.6

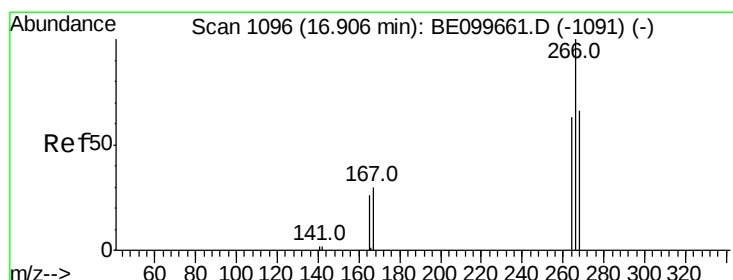
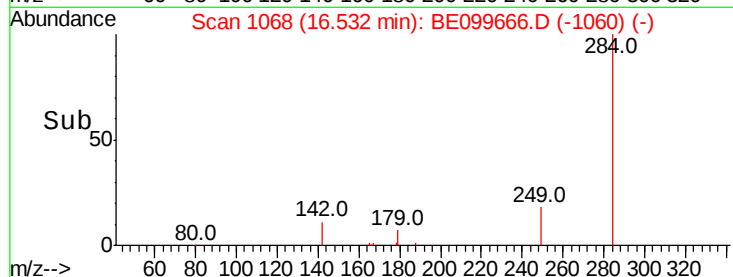
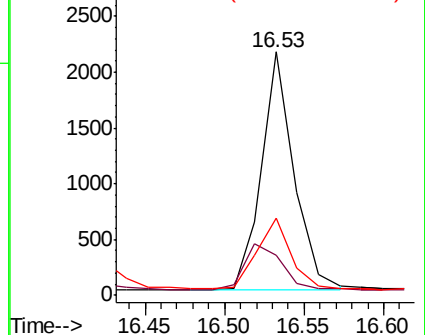
249 30.7 24.8 37.2



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: 0.335 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

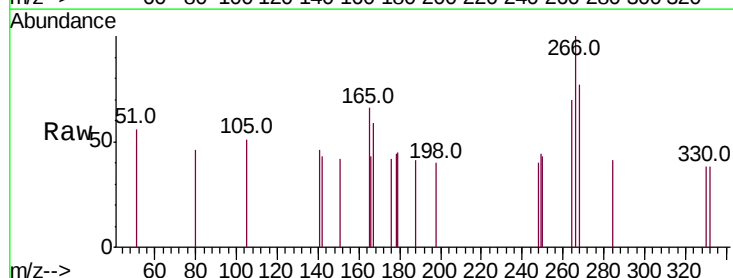
Tgt Ion:266 Resp: 410

Ion Ratio Lower Upper

266 100

264 69.8 57.2 85.8

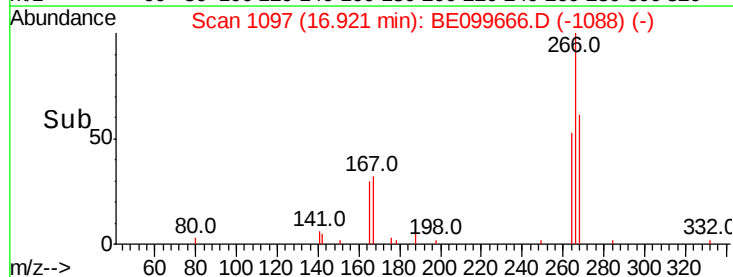
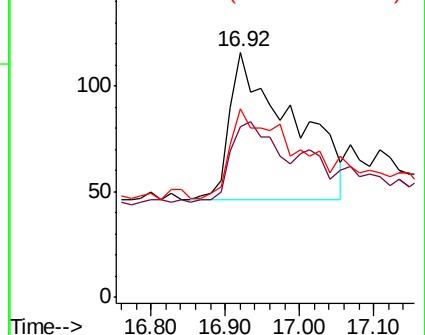
268 76.7 60.5 90.7

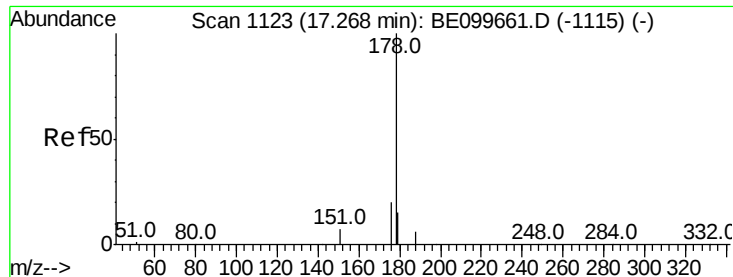


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.344 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

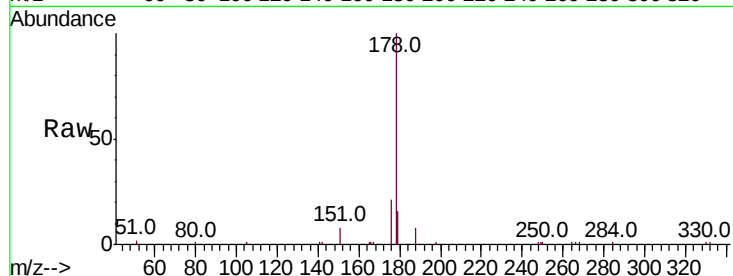
Tot Ion:178 Resp: 12460

Ion Ratio Lower Upper

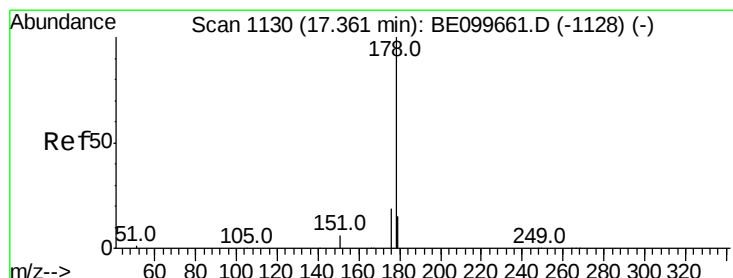
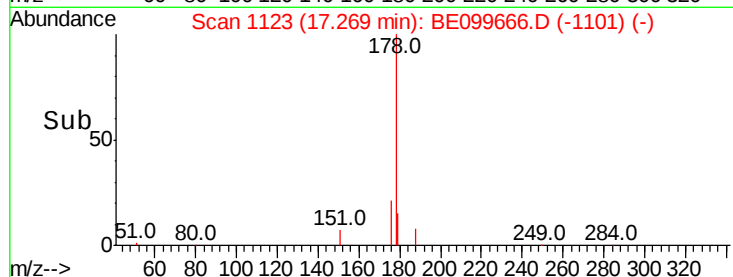
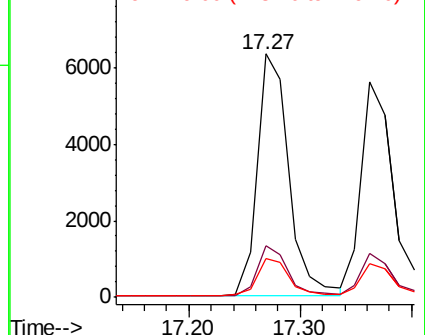
178 100

176 19.4 15.6 23.4

179 15.2 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: 0.321 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

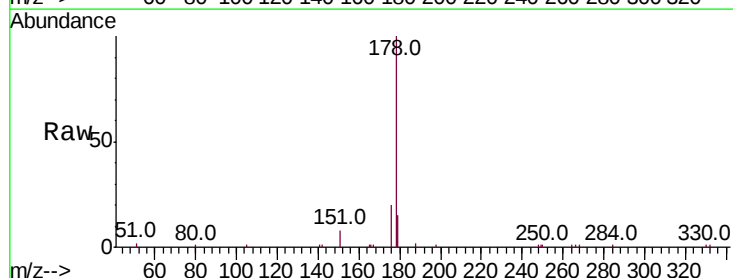
Tgt Ion:178 Resp: 10558

Ion Ratio Lower Upper

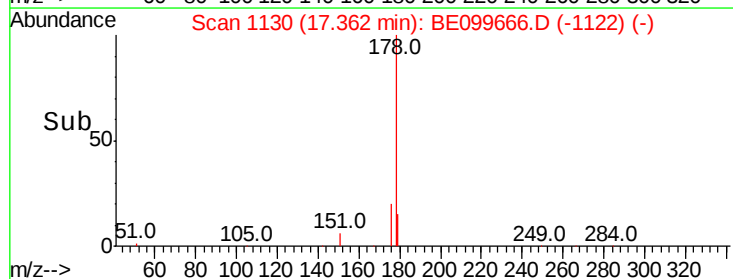
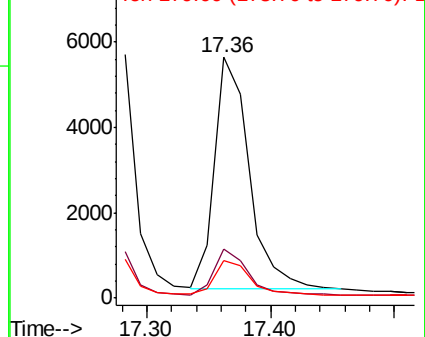
178 100

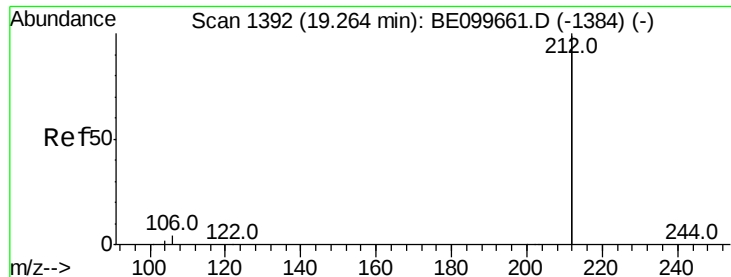
176 18.8 14.7 22.1

179 15.1 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: 0.345 ng

RT: 19.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

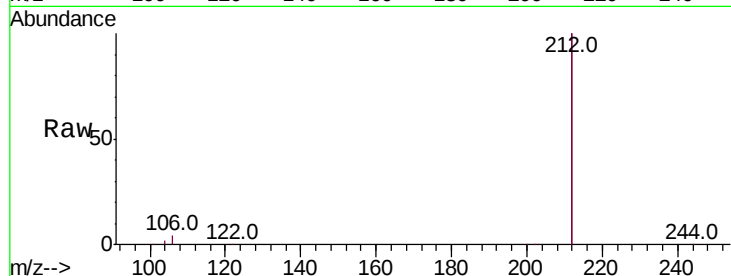
Tot Ion:212 Resp: 69982

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

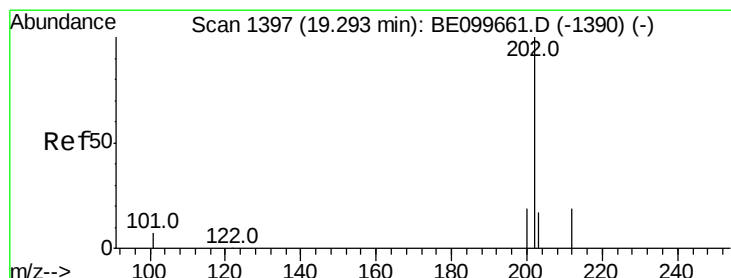
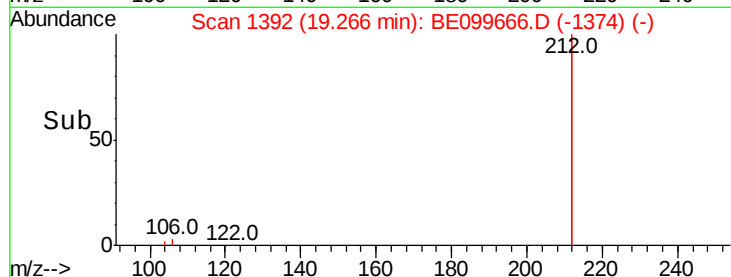
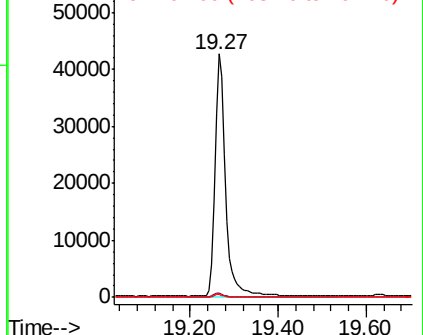
104 1.0 0.8 1.2



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: 0.350 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

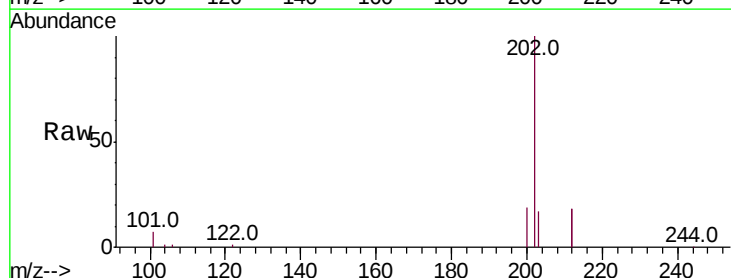
Tgt Ion:202 Resp: 20059

Ion Ratio Lower Upper

202 100

101 6.7 5.2 7.8

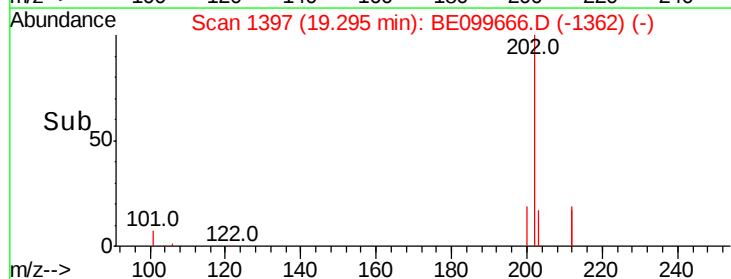
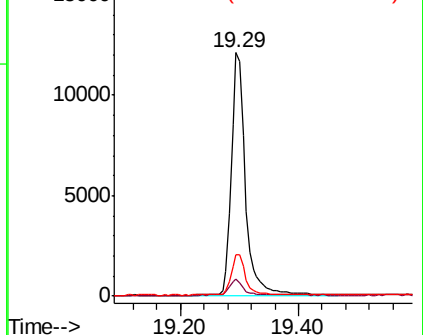
203 16.8 13.8 20.6

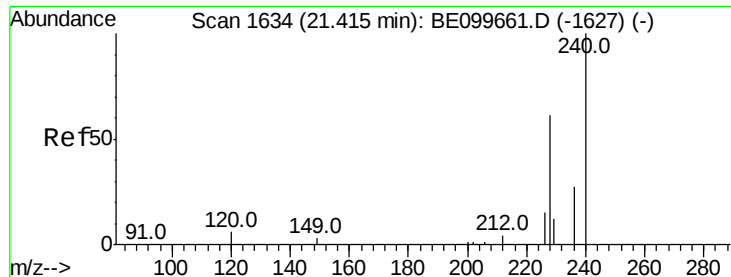


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.41 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

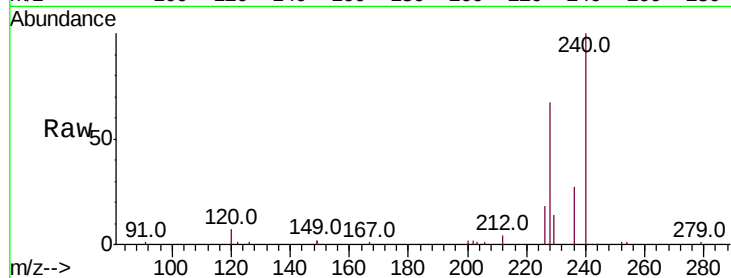
Tot Ion:240 Resp: 20915

Ion Ratio Lower Upper

240 100

120 6.9 5.4 8.0

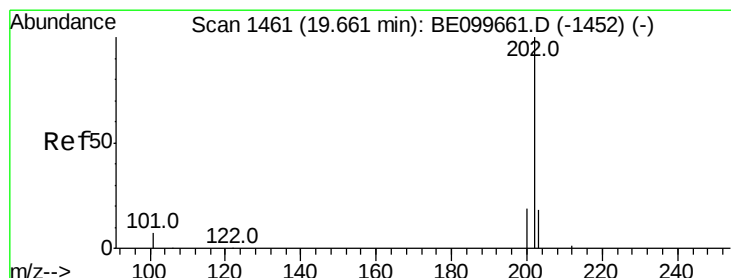
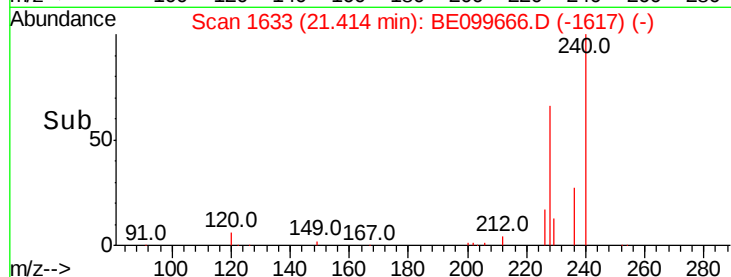
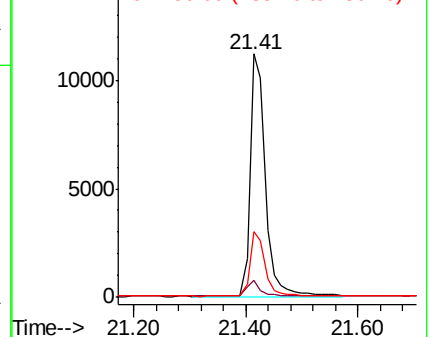
236 27.0 21.7 32.5



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: 0.384 ng

RT: 19.66 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

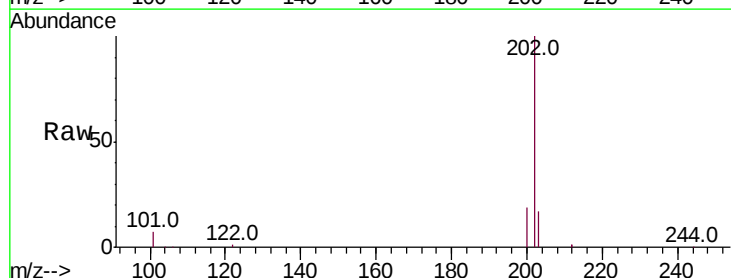
Tgt Ion:202 Resp: 20204

Ion Ratio Lower Upper

202 100

200 19.1 15.4 23.2

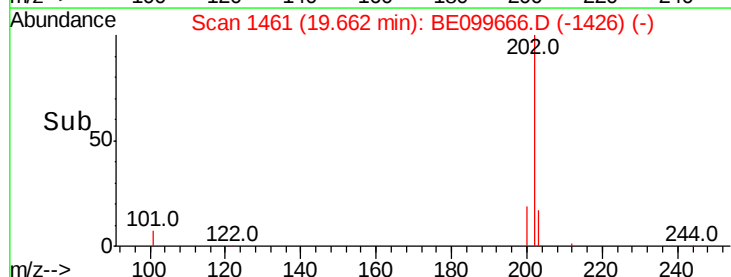
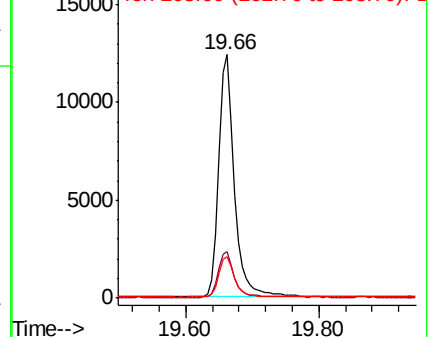
203 17.2 13.8 20.8

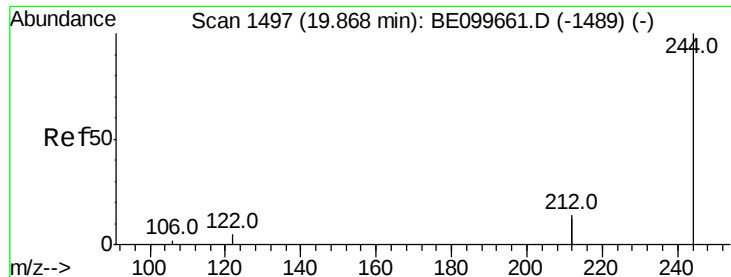


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.375 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

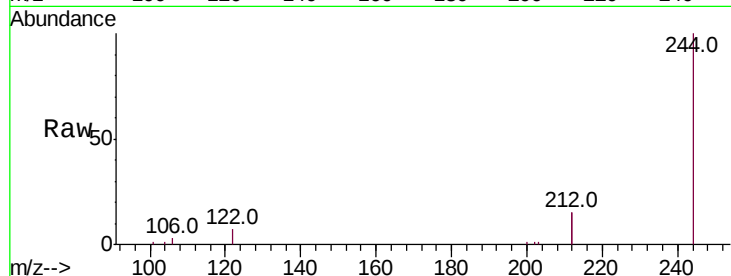
Tot Ion:244 Resp: 14016

Ion Ratio Lower Upper

244 100

212 29.4 22.5 33.7

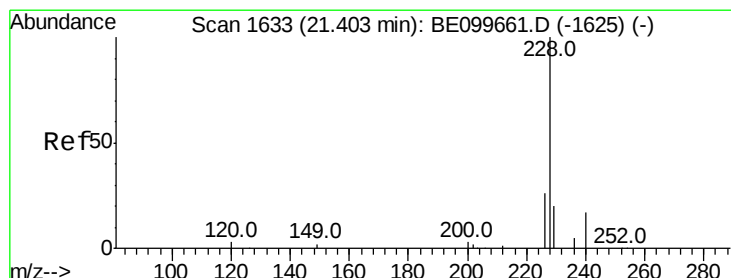
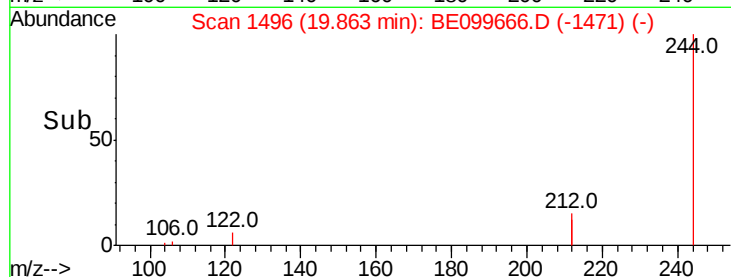
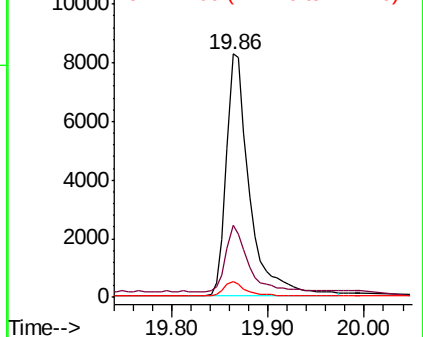
122 6.6 4.3 6.5#



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: 0.368 ng

RT: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

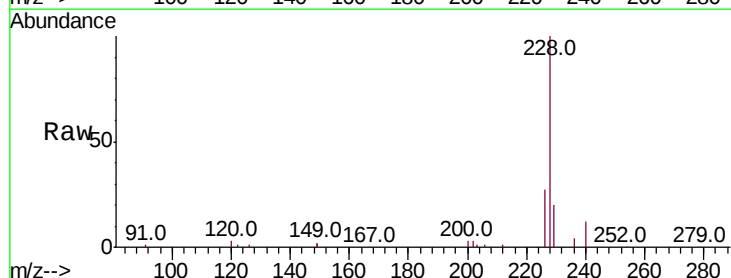
Tgt Ion:228 Resp: 21842

Ion Ratio Lower Upper

228 100

226 27.2 21.3 31.9

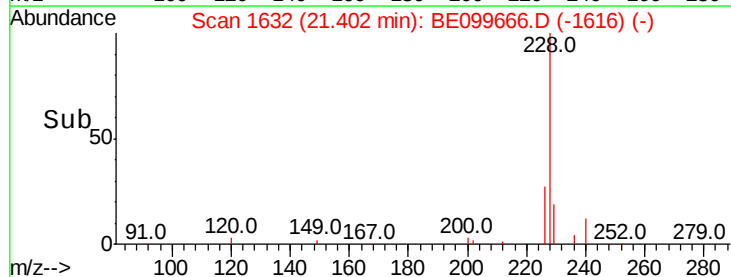
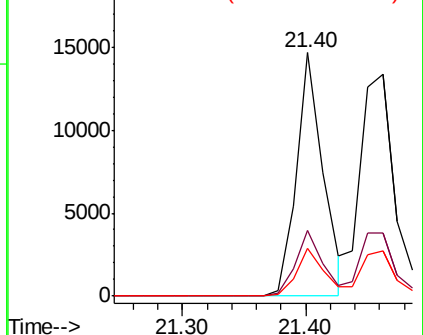
229 19.8 16.1 24.1

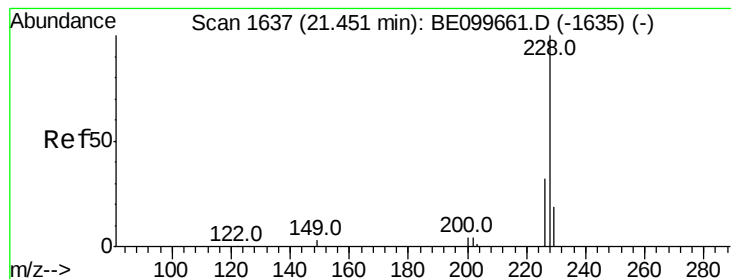


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.391 ng

RT: 21.46 min Scan# 1637

Delta R.T. 0.01 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

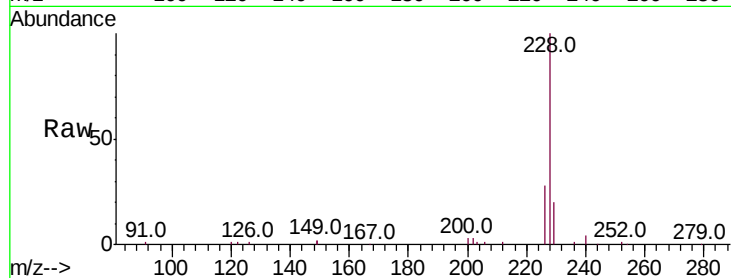
BNA_E

ClientSampleId :

ICVBE052019

Tot Ion:228 Resp: 24830

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.7	37.1
229	20.3	15.8	23.6

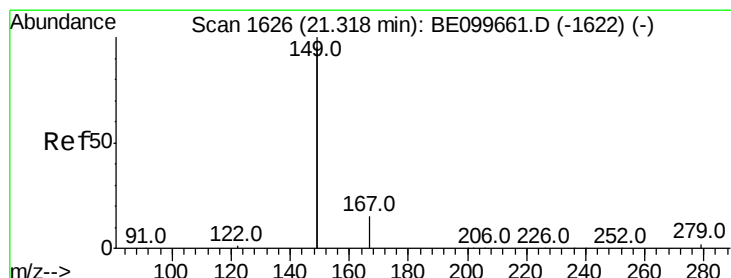
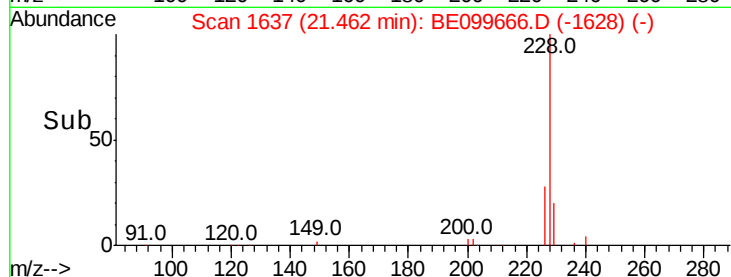
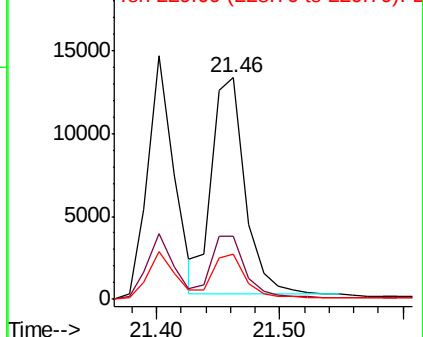


Abundance

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: 0.353 ng

RT: 21.32 min Scan# 1625

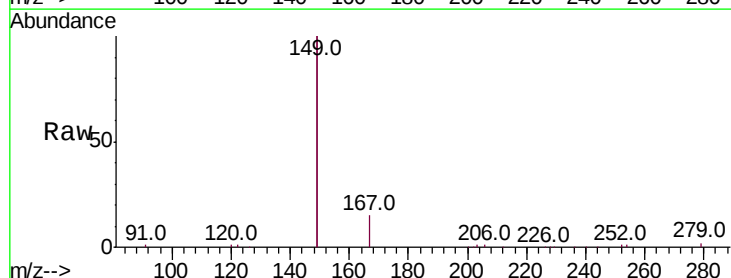
Delta R.T. -0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Tgt Ion:149 Resp: 24159

Ion	Ratio	Lower	Upper
149	100		
167	7.7	6.2	9.4
279	1.5	1.2	1.8

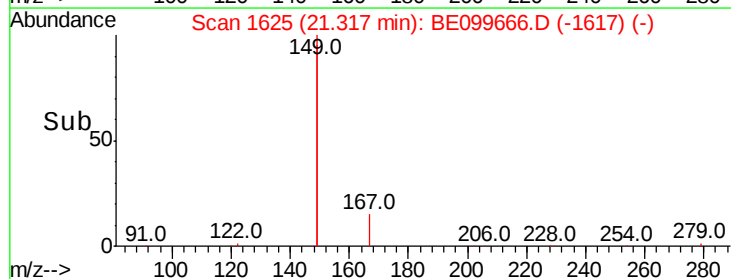
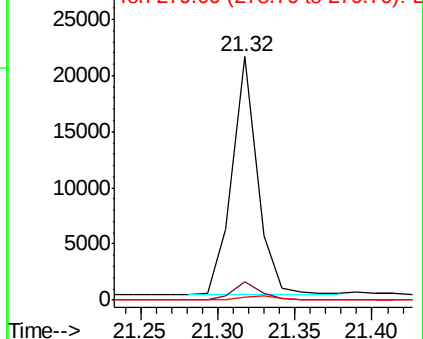


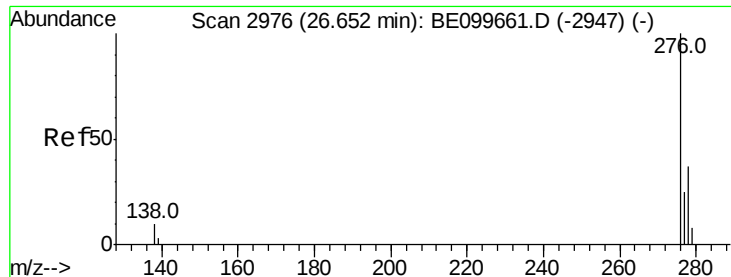
Abundance

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: 0.381 ng

RT: 26.65 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

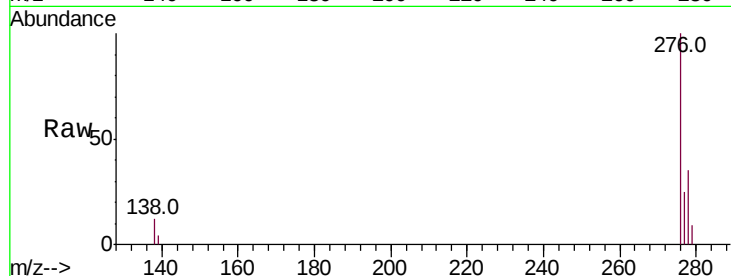
Tot Ion:276 Resp: 29243

Ion Ratio Lower Upper

276 100

138 12.0 9.6 14.4

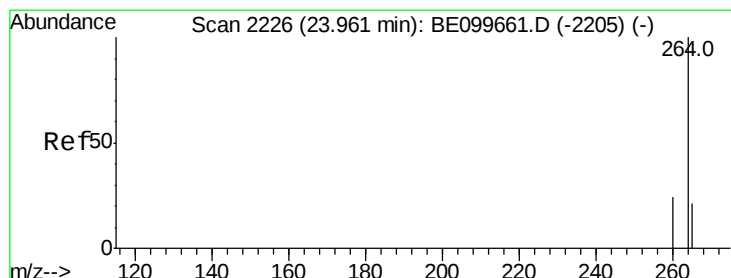
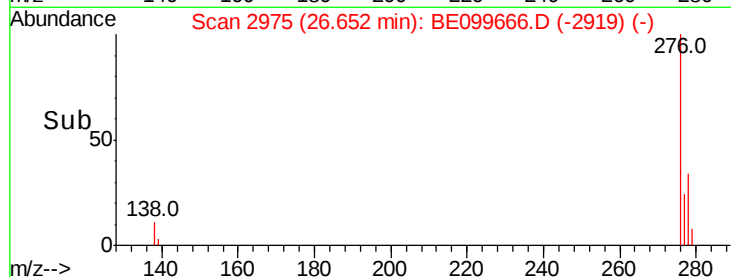
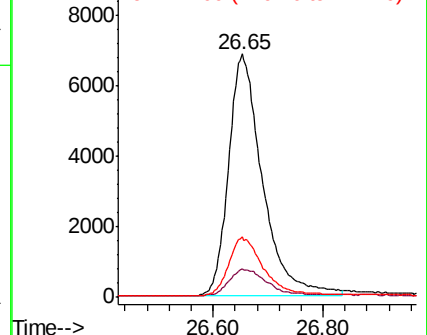
277 24.7 19.2 28.8



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: 23.96 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

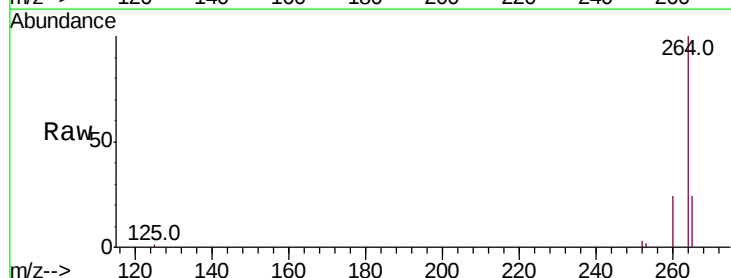
Tgt Ion:264 Resp: 24574

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

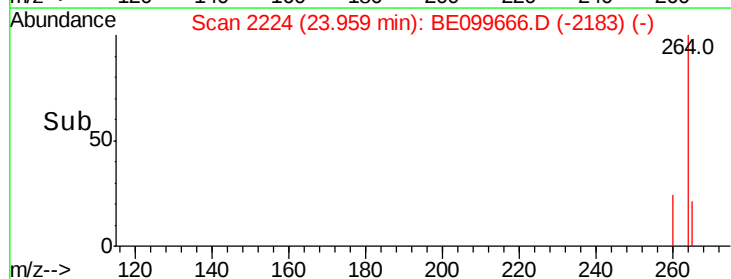
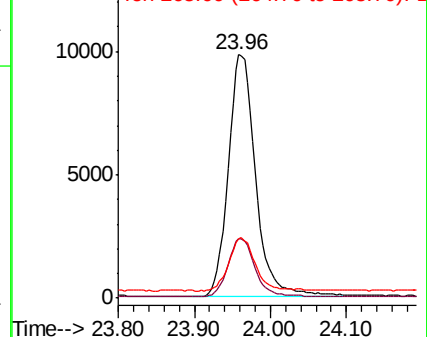
265 24.2 19.1 28.7

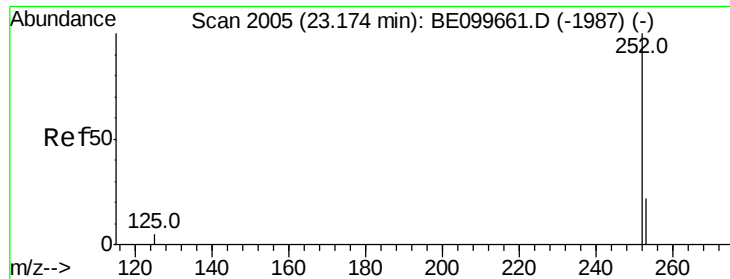


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.357 ng

RT: 23.17 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

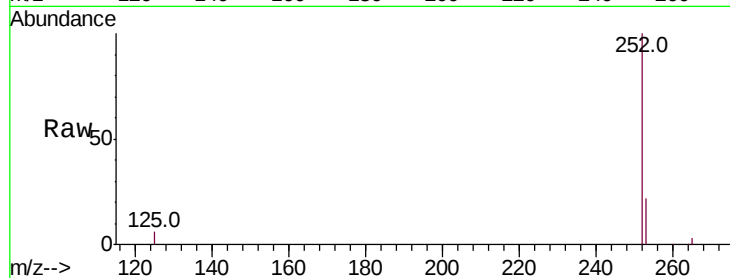
Tot Ion:252 Resp: 24040

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

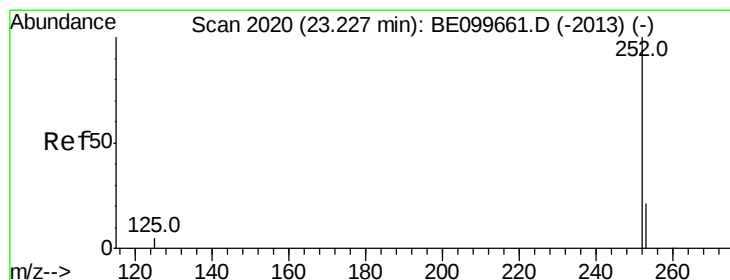
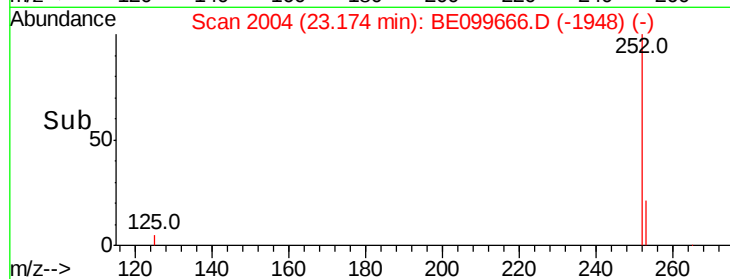
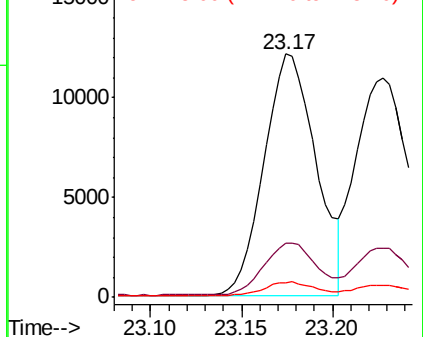
125 5.9 4.5 6.7



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: 0.352 ng

RT: 23.23 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

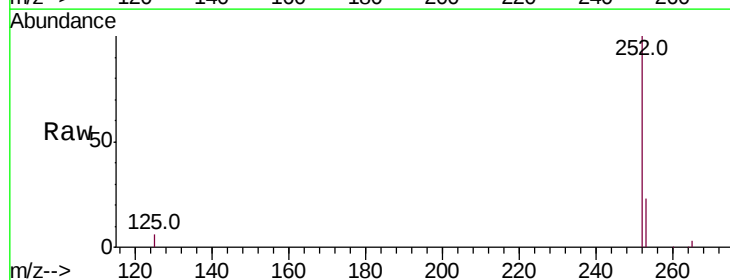
Tgt Ion:252 Resp: 24738

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

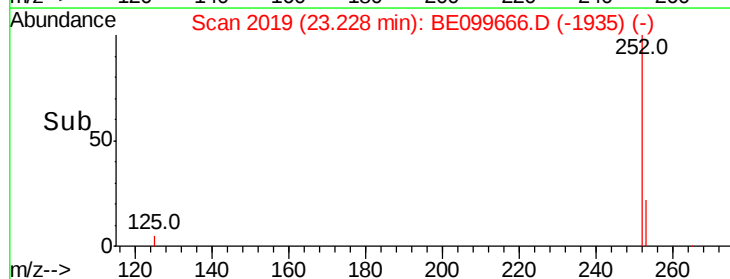
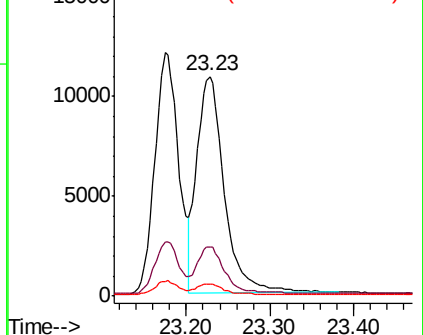
125 5.7 4.6 6.8

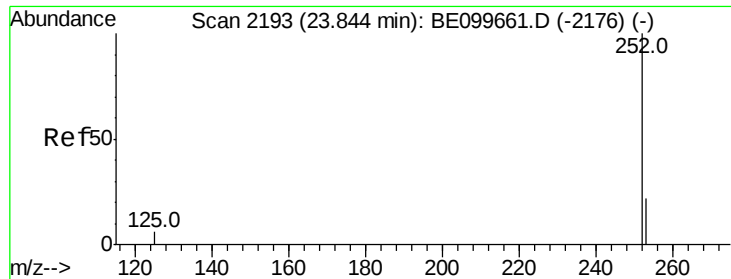


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.361 ng

RT: 23.84 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

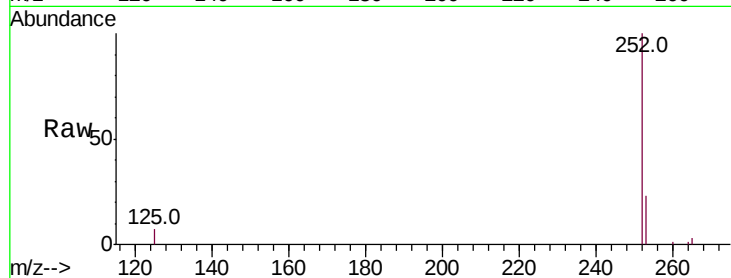
Tot Ion:252 Resp: 23385

Ion Ratio Lower Upper

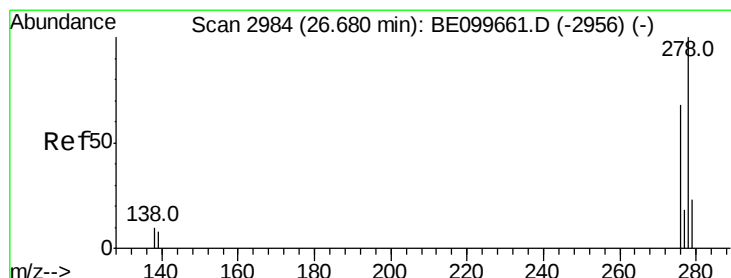
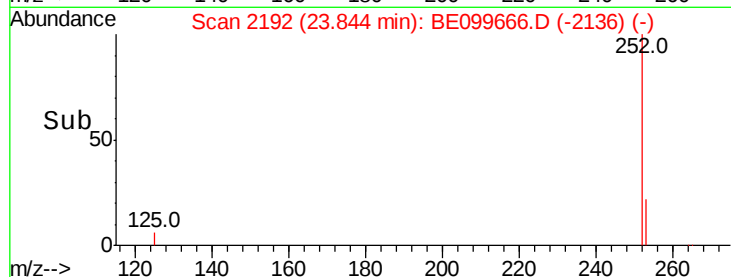
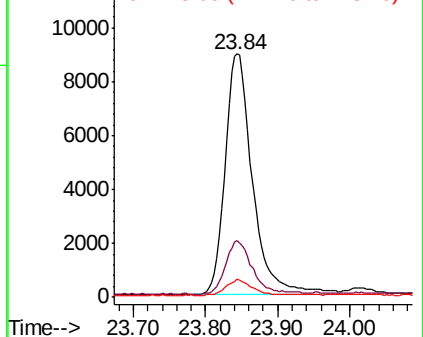
252 100

253 23.3 18.9 28.3

125 7.3 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: 0.348 ng

RT: 26.69 min Scan# 2985

Delta R.T. 0.01 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

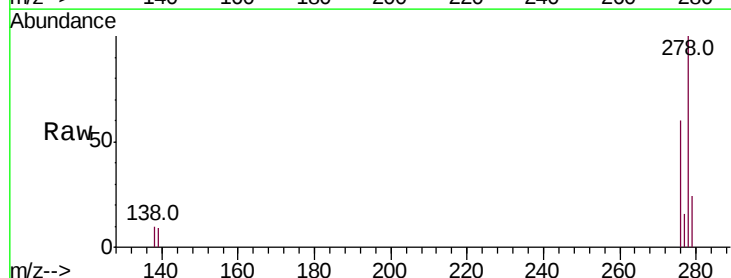
Tgt Ion:278 Resp: 23704

Ion Ratio Lower Upper

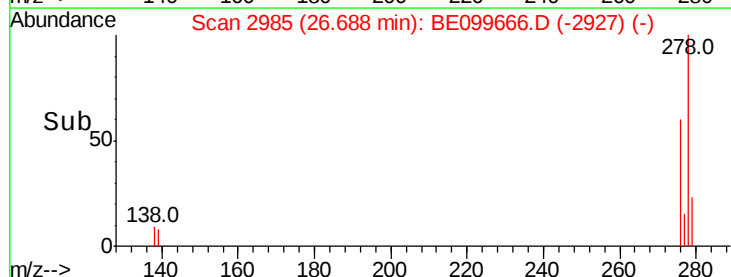
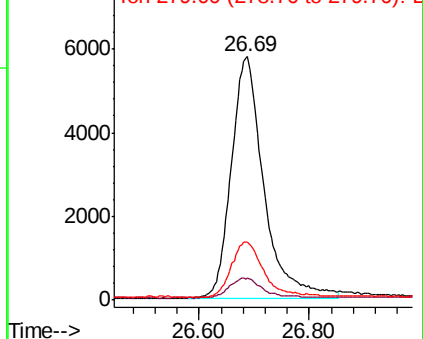
278 100

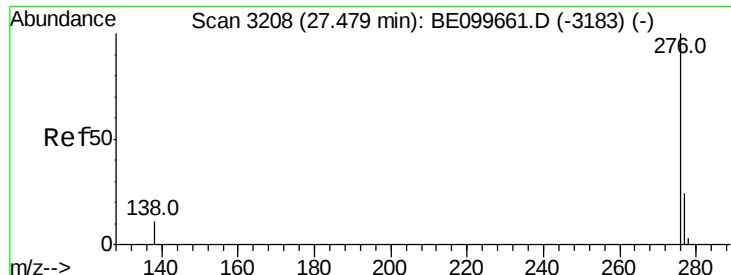
139 8.9 6.9 10.3

279 23.8 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: 0.356 ng

RT: 27.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BE099666.D

Acq: 20 May 2019 18:37

Instrument :

BNA_E

ClientSampleId :

ICVBE052019

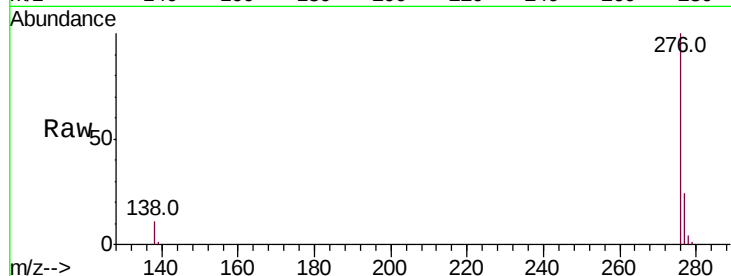
Tot Ion:276 Resp: 24436

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.6

138 11.2 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

