

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
 Data File : BE099661.D
 Acq On : 20 May 2019 12:27
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 20 15:45:11 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 15:39:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1882	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	6700	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4778	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	14710	0.40	ng	0.00
27) Chrysene-d12	21.41	240	20553	0.40	ng	0.00
34) Perylene-d12	23.96	264	24189	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1666	0.31	ng	0.00
5) Phenol-d6	6.97	99	2096	0.31	ng	0.00
8) Nitrobenzene-d5	8.98	82	1990	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4114	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	880	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	6448	0.35	ng	0.00
25) Fluoranthene-d10	19.26	212	70038	0.36	ng	0.00
29) Terphenyl-d14	19.87	244	14100	0.38	ng	0.00

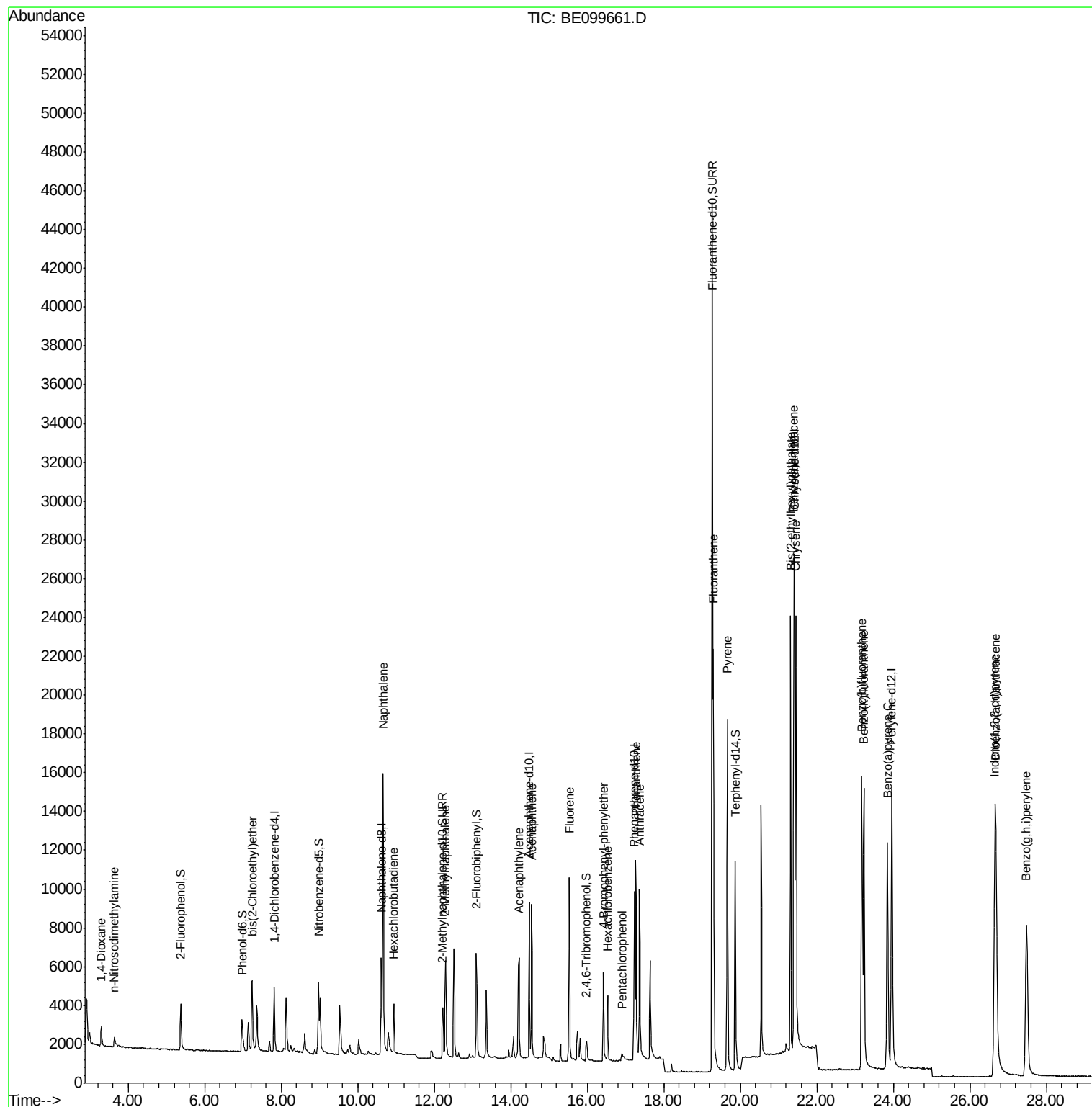
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1066	0.384	ng	100
3) n-Nitrosodimethylamine	3.63	42	481	0.272	ng	# 99
6) bis(2-Chloroethyl)ether	7.24	93	1965	0.345	ng	100
9) Naphthalene	10.67	128	25596	0.359	ng	100
10) Hexachlorobutadiene	10.94	225	1878	0.360	ng	100
12) 2-Methylnaphthalene	12.30	142	4076	0.346	ng	100
16) Acenaphthylene	14.21	152	7647	0.339	ng	100
17) Acenaphthene	14.54	154	4421	0.347	ng	100
18) Fluorene	15.53	166	6445	0.353	ng	100
20) 4-Bromophenyl-phenylether	16.42	248	2950	0.348	ng	100
21) Hexachlorobenzene	16.53	284	3061	0.367	ng	100
22) Pentachlorophenol	16.91	266	578	0.174	ng	100
23) Phenanthrene	17.27	178	12689	0.347	ng	100
24) Anthracene	17.36	178	10880	0.323	ng	100
26) Fluoranthene	19.29	202	19886	0.360	ng	100
28) Pyrene	19.66	202	20304	0.388	ng	100
30) Benzo(a)anthracene	21.40	228	22250	0.358	ng	100
31) Chrysene	21.45	228	24681	0.386	ng	100
32) Bis(2-ethylhexyl)phthalate	21.32	149	24207	0.253	ng	100
33) Indeno(1,2,3-cd)pyrene	26.65	276	28316	0.356	ng	100
35) Benzo(b)fluoranthene	23.17	252	23810	0.352	ng	100
36) Benzo(k)fluoranthene	23.23	252	24694	0.370	ng	100
37) Benzo(a)pyrene	23.84	252	22508	0.344	ng	100
38) Dibenzo(a,h)anthracene	26.68	278	23125	0.340	ng	100
39) Benzo(g,h,i)perylene	27.48	276	23881	0.350	ng	100

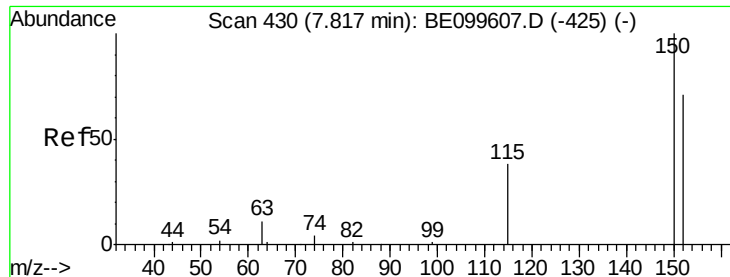
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
Data File : BE099661.D
Acq On : 20 May 2019 12:27
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 20 15:45:11 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 15:39:28 2019
Response via : Initial Calibration



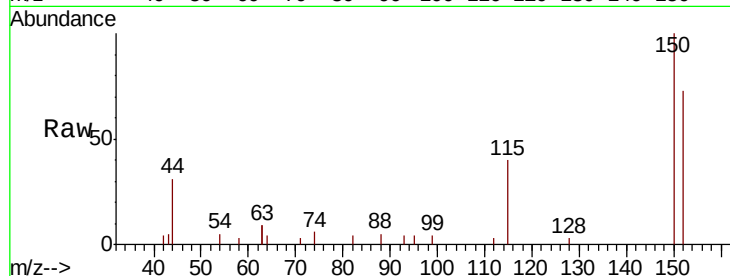


#1

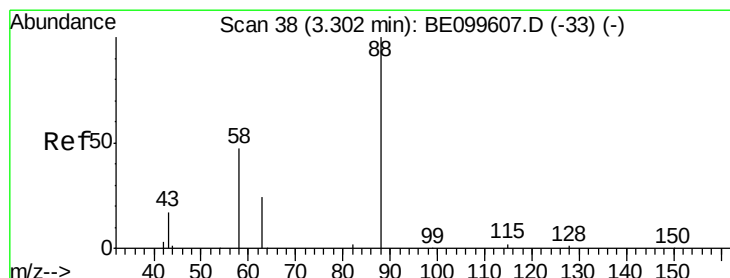
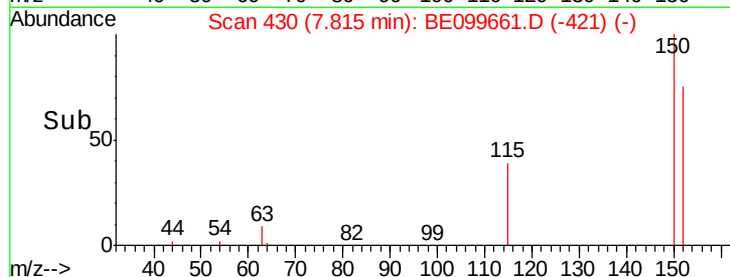
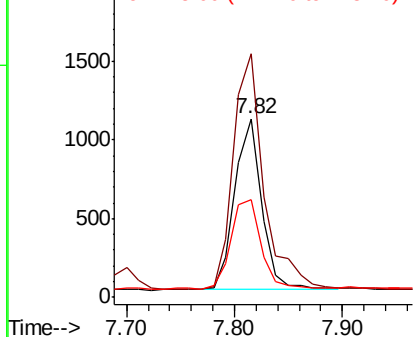
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1882
Ion Ratio Lower Upper
152 100
150 136.5 109.2 163.8
115 54.6 43.7 65.5



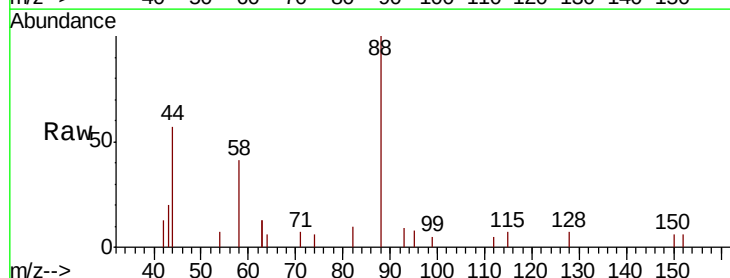
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



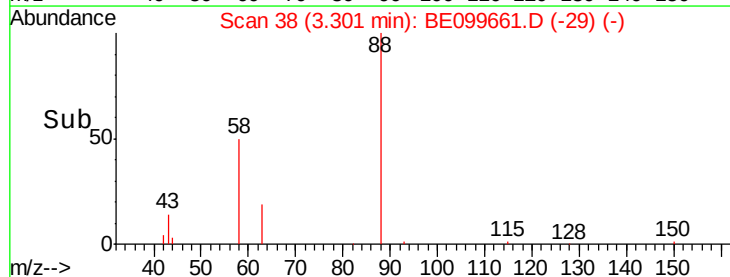
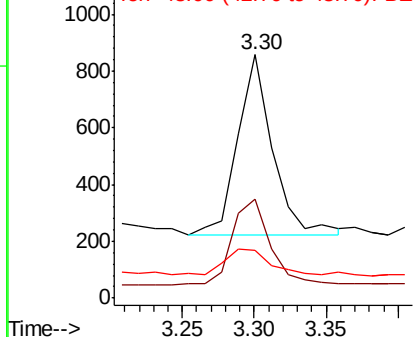
#2

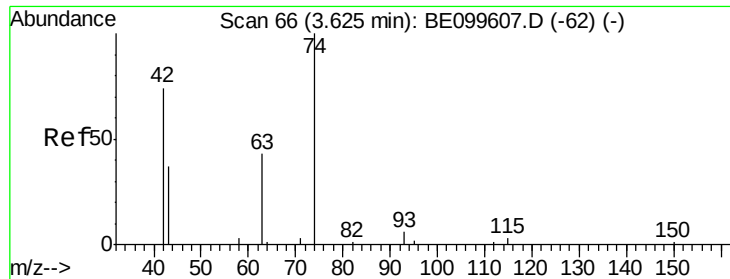
1,4-Dioxane
Concen: 0.384 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion: 88 Resp: 1066
Ion Ratio Lower Upper
88 100
58 52.3 41.8 62.8
43 18.7 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



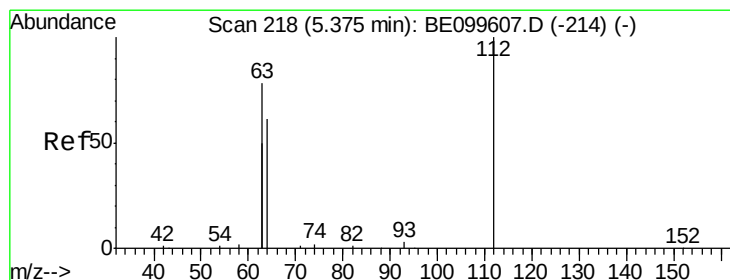
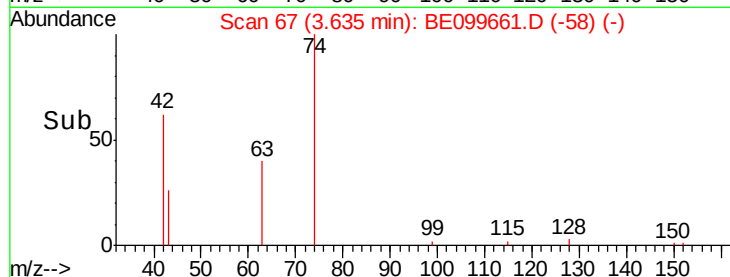
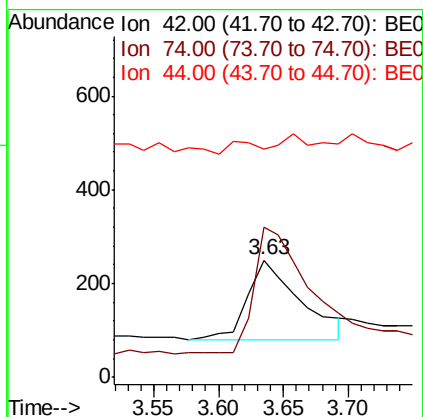
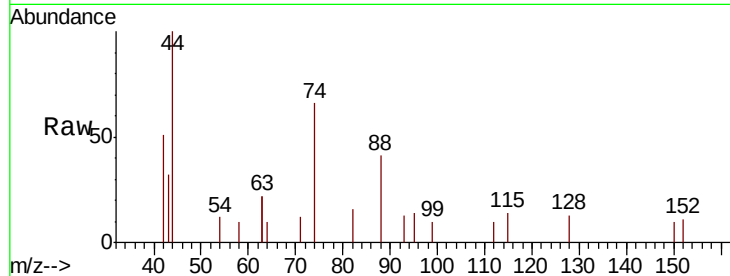


#3

n-Nitrosodimethylamine
 Concen: 0.272 ng
 RT: 3.63 min Scan# 67
 Delta R.T. 0.00 min
 Lab File: BE099661.D
 Acq: 20 May 2019 12:27

Instrument :
 BNA_E
 ClientSampleId :

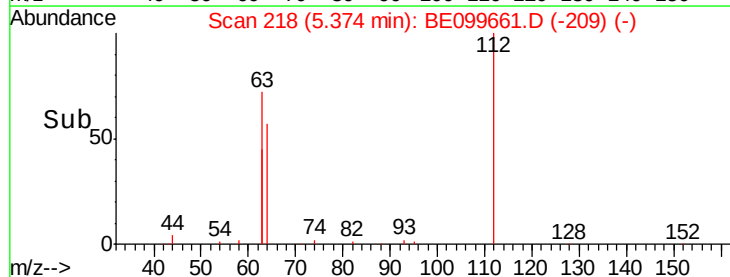
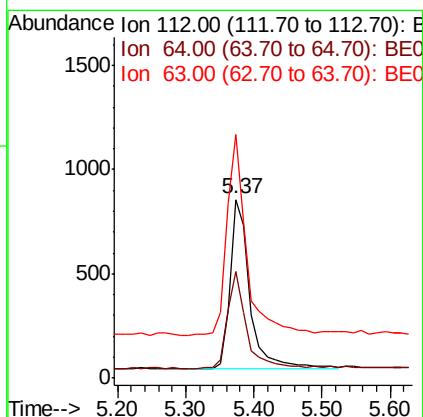
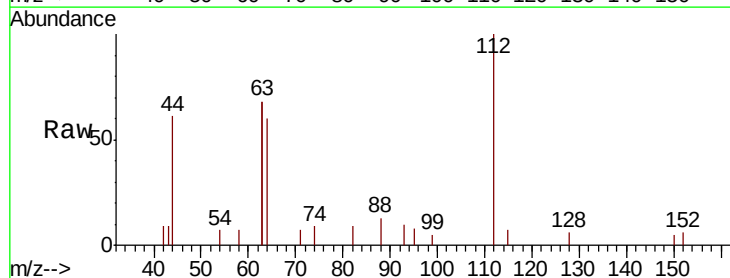
Tot Ion	Ratio	Lower	Upper
42	100		
74	161.5	128.4	192.6
44	0.0	0.0	0.0

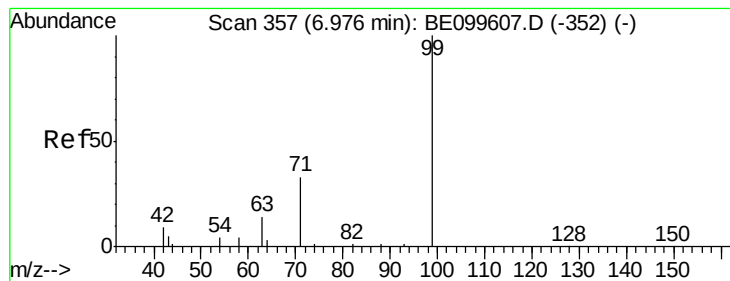


#4

2-Fluorophenol
 Concen: 0.312 ng
 RT: 5.37 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: BE099661.D
 Acq: 20 May 2019 12:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.4	65.2
63	121.1	96.9	145.3





#5

Phenol-d6

Concen: 0.309 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

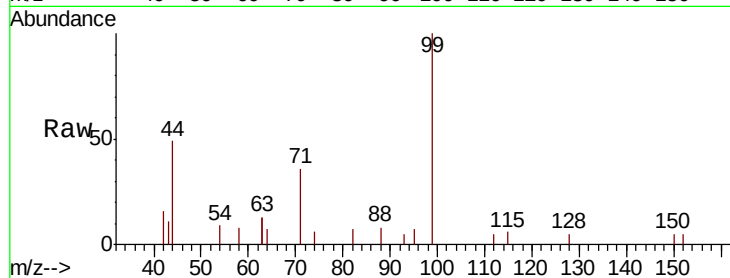
Tot Ion: 99 Resp: 2096

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

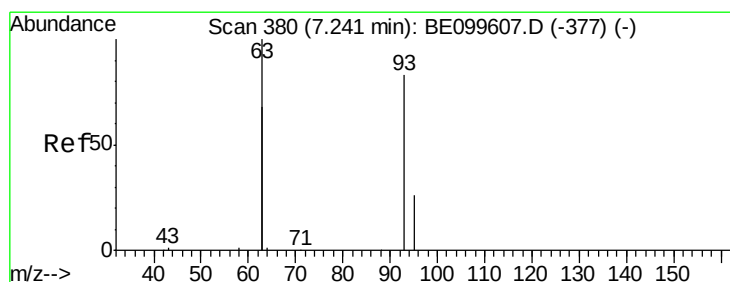
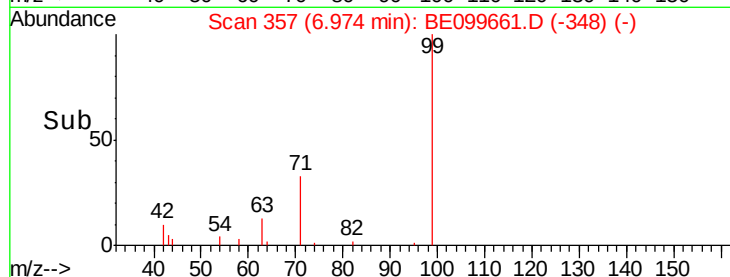
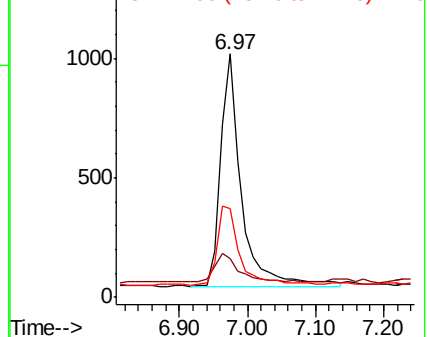
71 36.1 28.9 43.3



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: 0.345 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

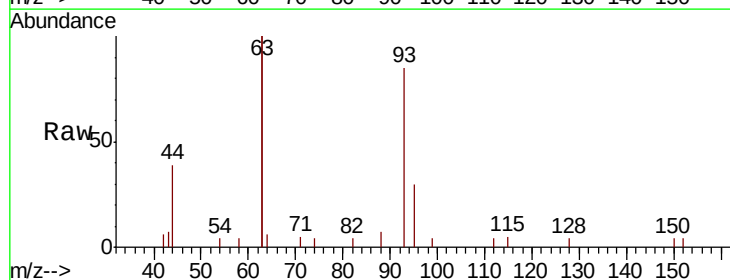
Tgt Ion: 93 Resp: 1965

Ion Ratio Lower Upper

93 100

63 259.7 207.8 311.6

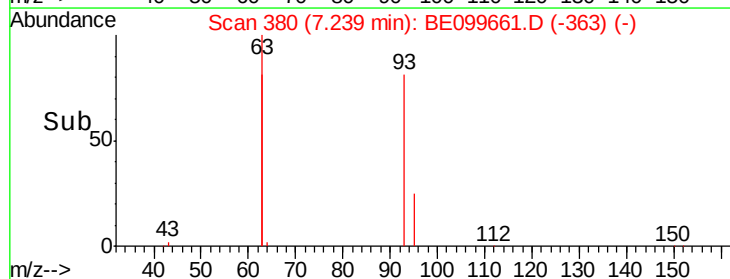
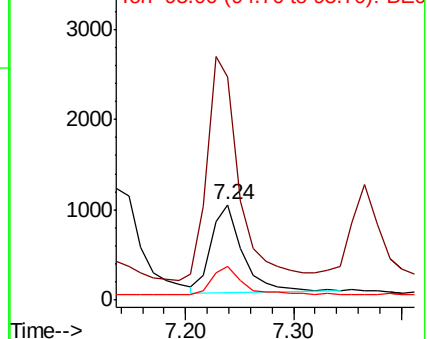
95 32.4 25.9 38.9

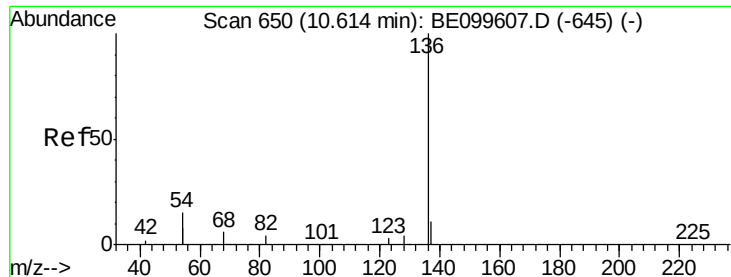


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099661.D

Acq: 20 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6700

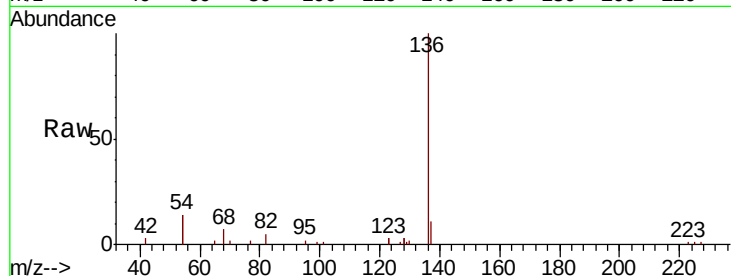
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 27.9 22.3 33.5

68 7.5 6.0 9.0

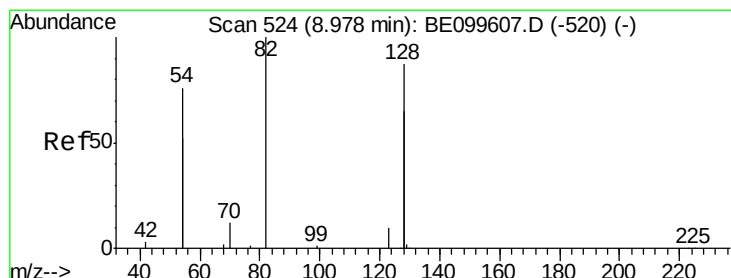
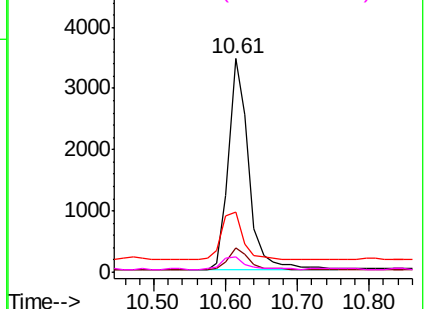
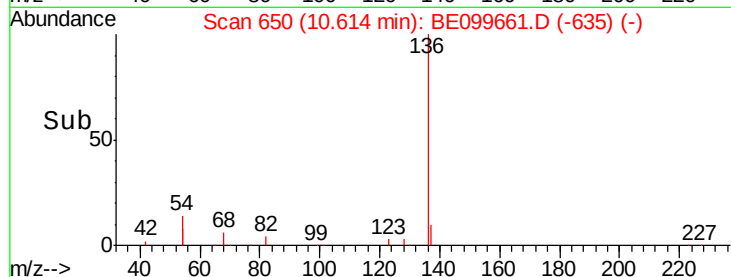


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.307 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

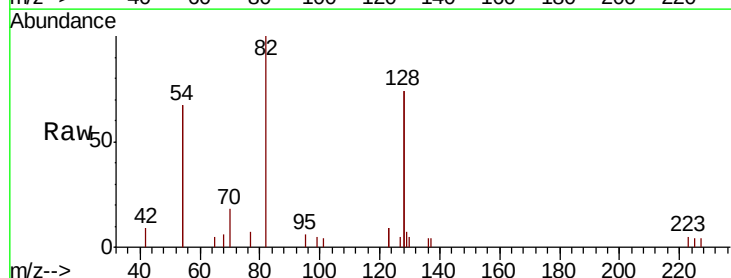
Tgt Ion: 82 Resp: 1990

Ion Ratio Lower Upper

82 100

128 147.1 117.7 176.5

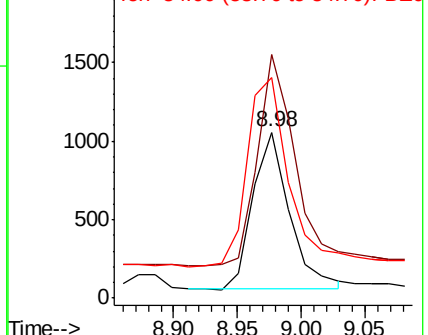
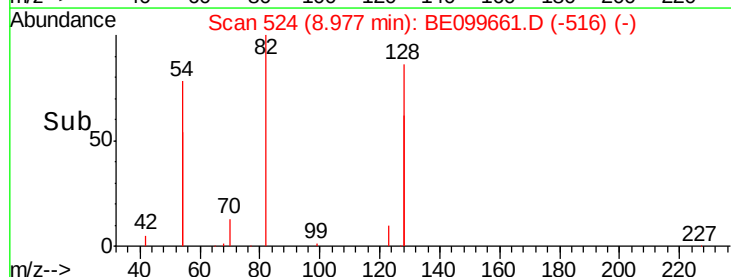
54 133.3 106.6 160.0

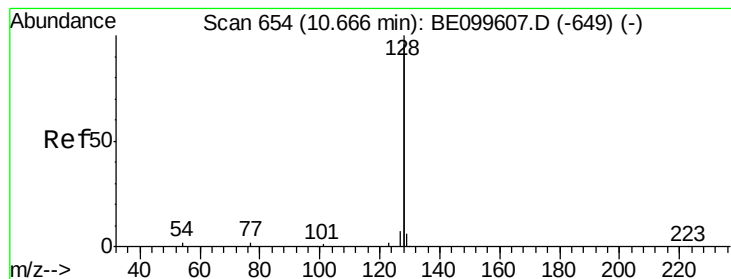


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.359 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

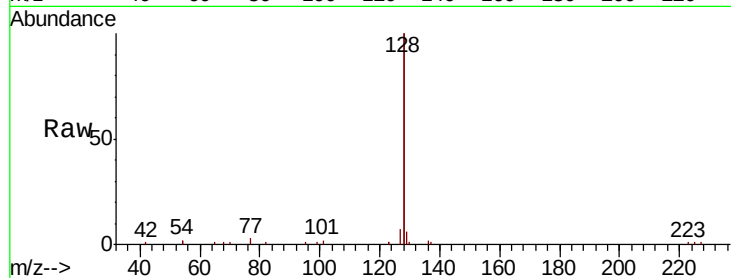
Tot Ion:128 Resp: 25596

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

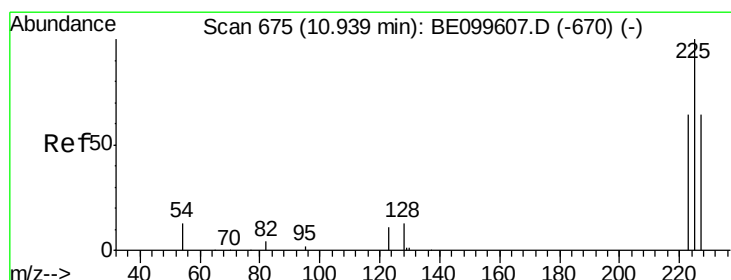
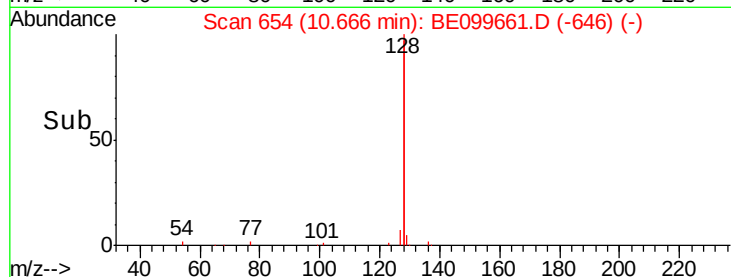
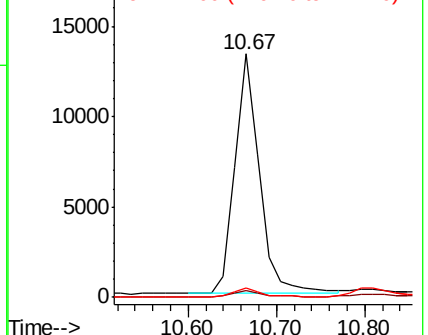
127 3.6 2.9 4.3



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: 0.360 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

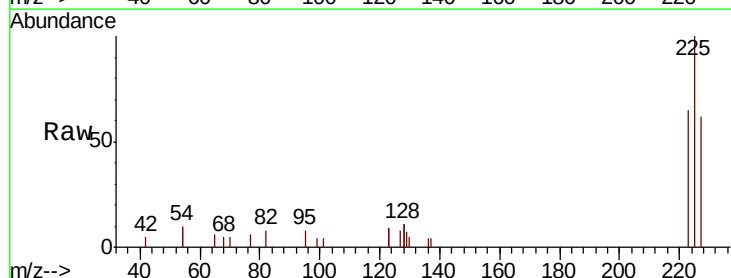
Tgt Ion:225 Resp: 1878

Ion Ratio Lower Upper

225 100

223 64.7 51.8 77.6

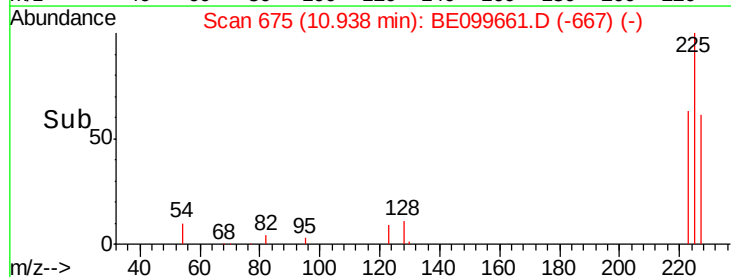
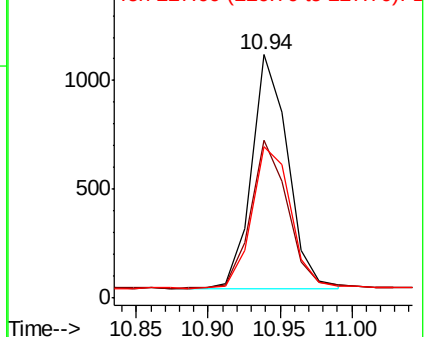
227 65.8 52.6 79.0

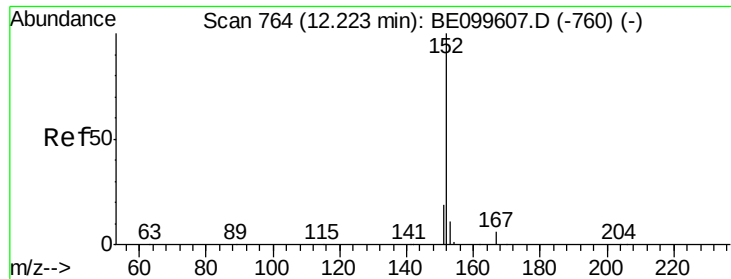


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

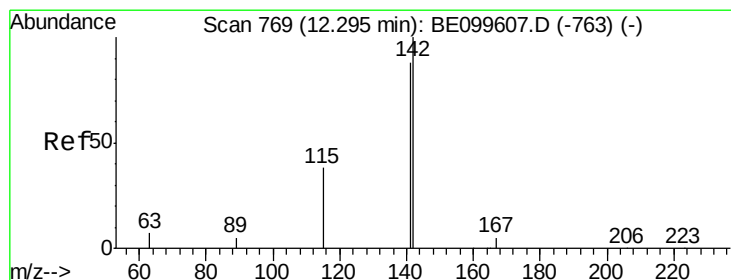
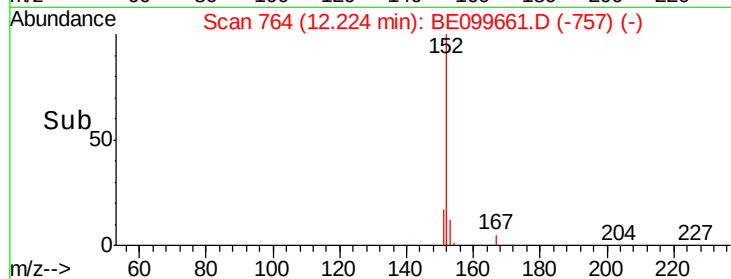
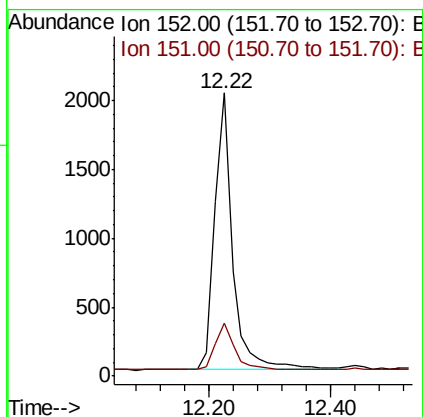
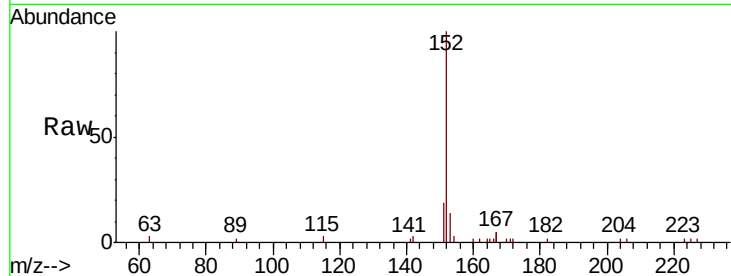




#11
 2-Methylnaphthalene-d10
 Concen: 0.365 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099661.D
 Acq: 20 May 2019 12:27

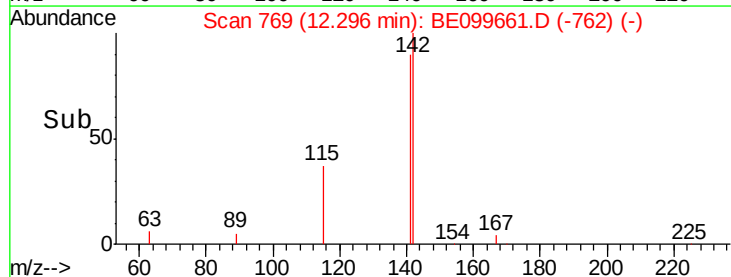
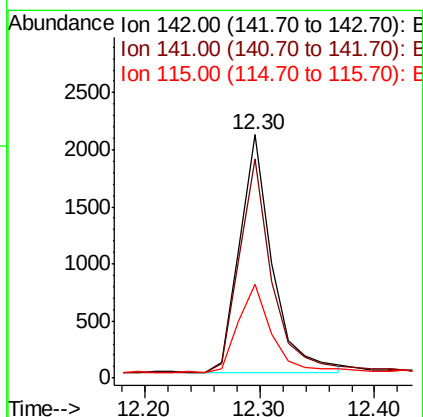
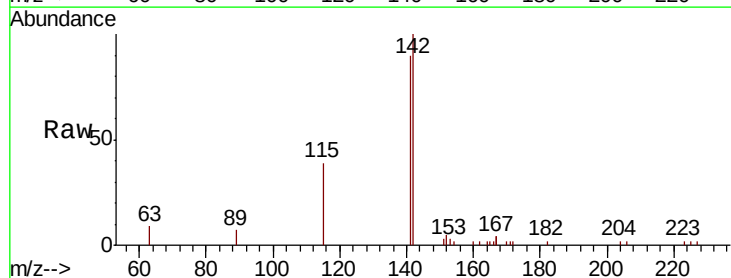
Instrument :
 BNA_E
 ClientSampleId :

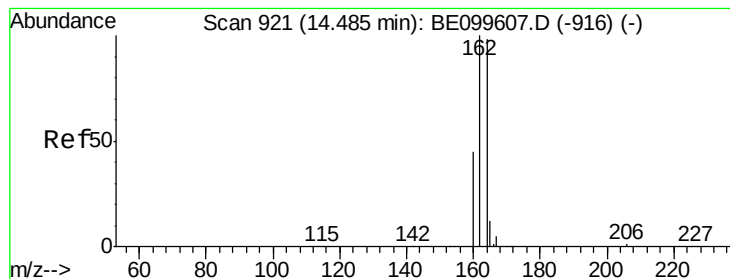
Tot Ion:152 Resp: 4114
 Ion Ratio Lower Upper
 152 100
 151 18.7 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.346 ng
 RT: 12.30 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BE099661.D
 Acq: 20 May 2019 12:27

Tgt Ion:142 Resp: 4076
 Ion Ratio Lower Upper
 142 100
 141 90.0 72.0 108.0
 115 38.7 31.0 46.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

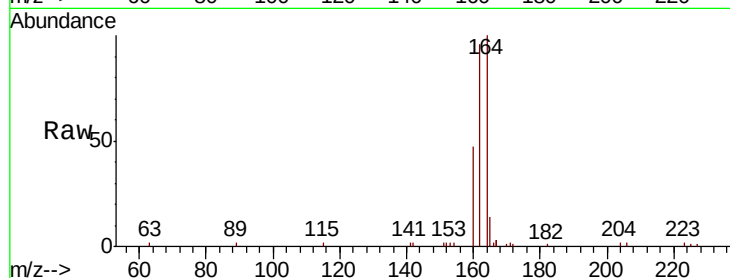
Tot Ion:164 Resp: 4778

Ion Ratio Lower Upper

164 100

162 95.6 76.5 114.7

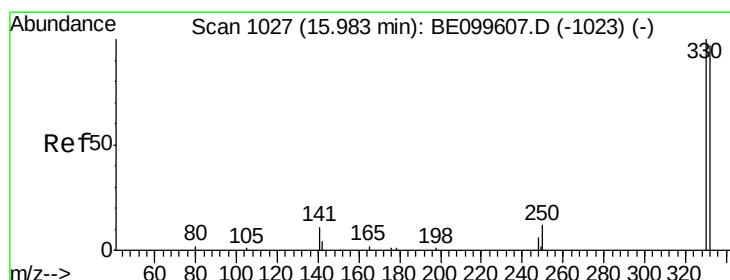
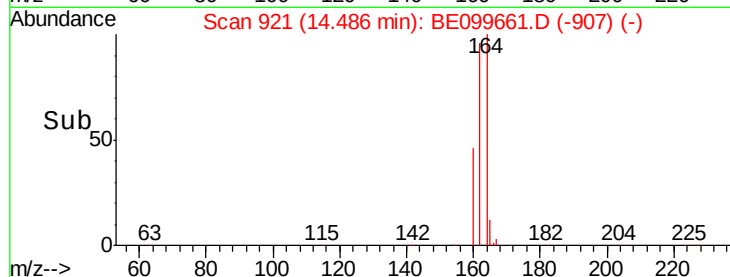
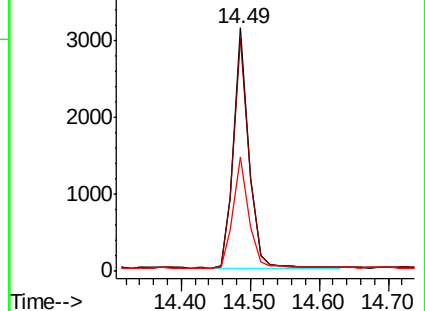
160 46.8 37.4 56.2



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: 0.269 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

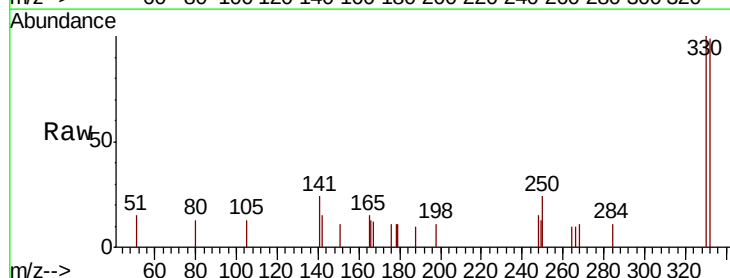
Tgt Ion:330 Resp: 880

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

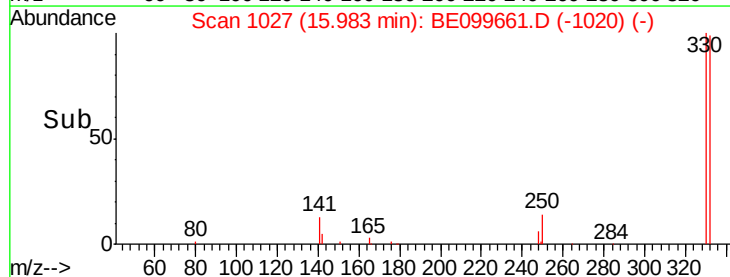
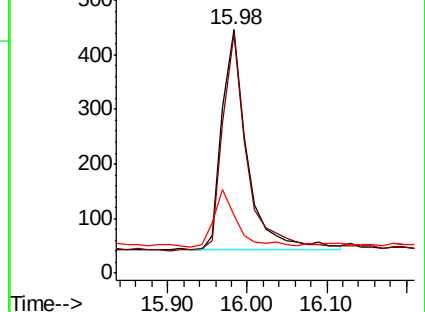
141 23.6 18.9 28.3

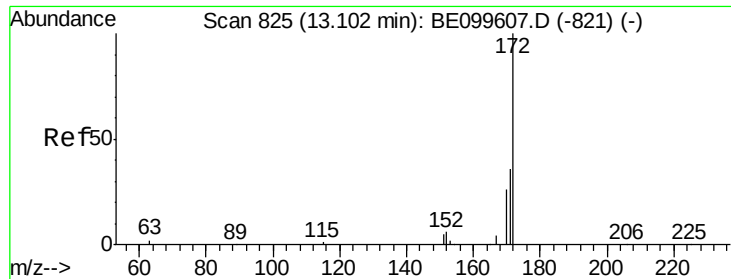


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

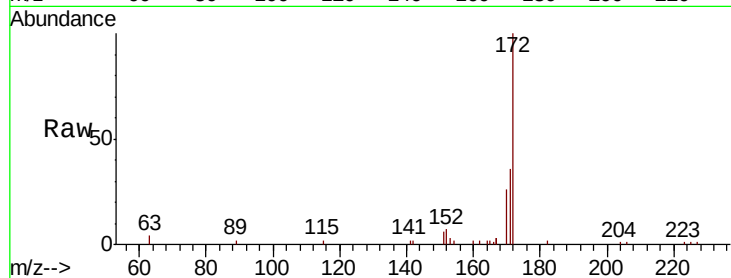




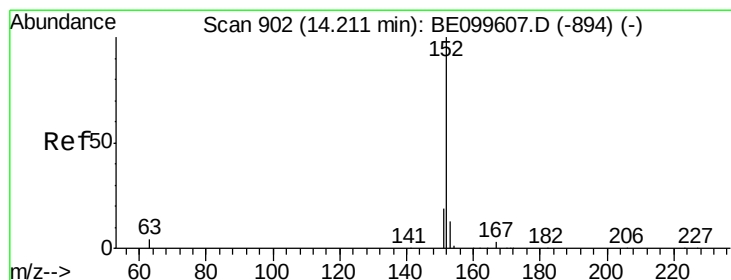
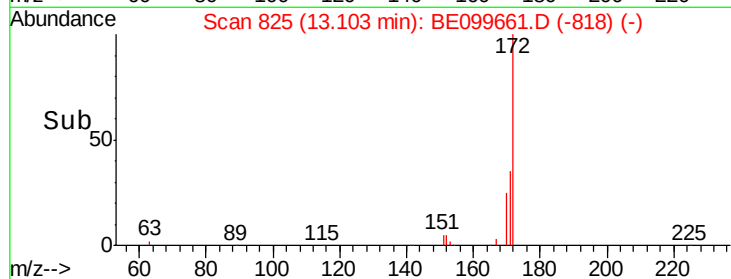
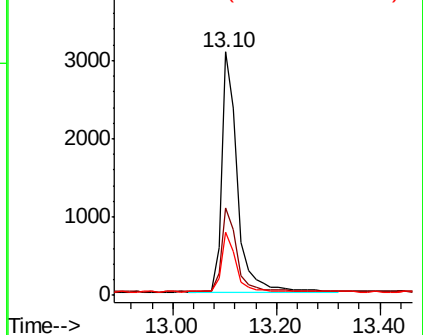
#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6448
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 26.1 20.9 31.3

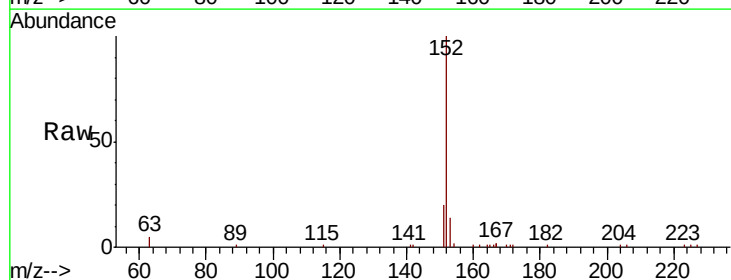


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

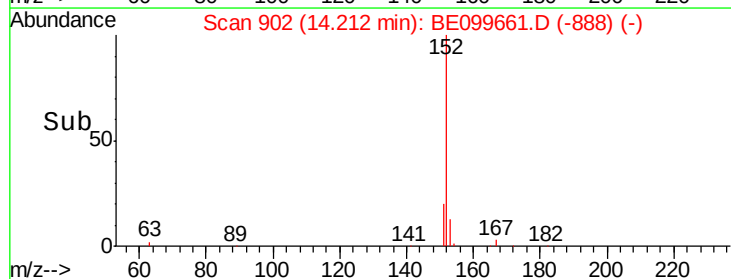
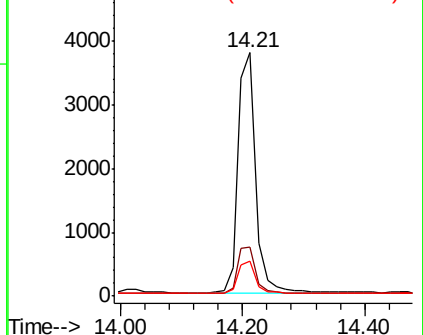


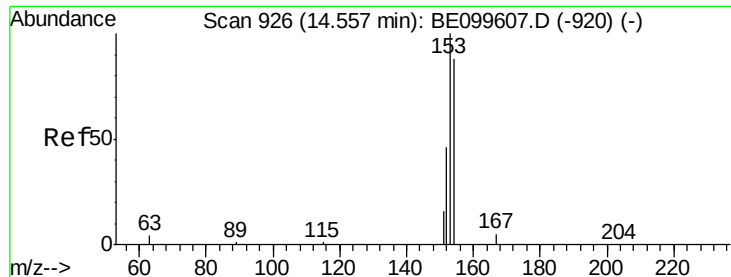
#16
Acenaphthylene
Concen: 0.339 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:152 Resp: 7647
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.3 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: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

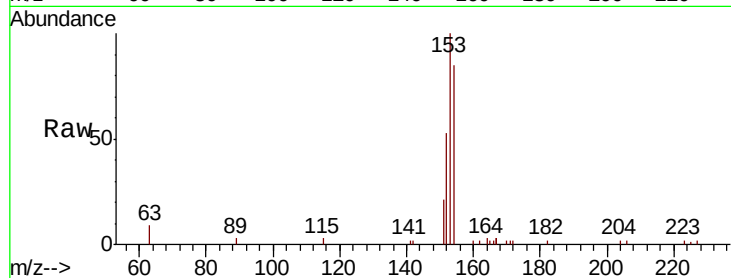
Tot Ion:154 Resp: 4421

Ion Ratio Lower Upper

154 100

153 114.7 92.2 138.4

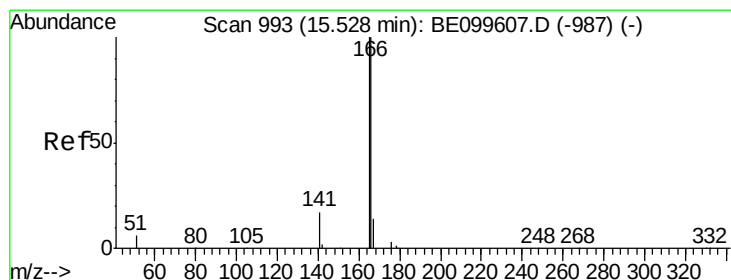
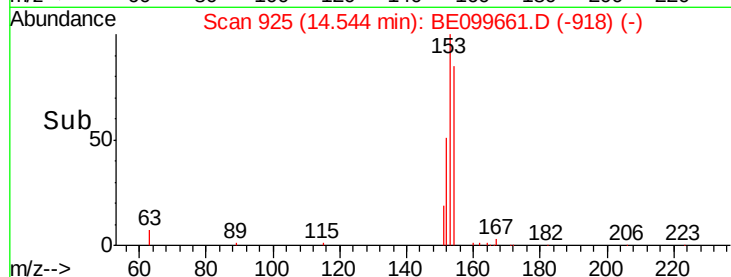
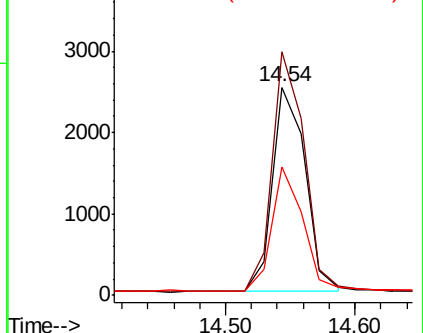
152 57.5 46.2 69.4



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: 0.353 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

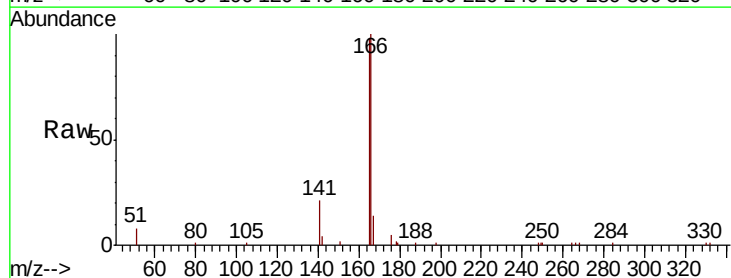
Tgt Ion:166 Resp: 6445

Ion Ratio Lower Upper

166 100

165 100.4 80.3 120.5

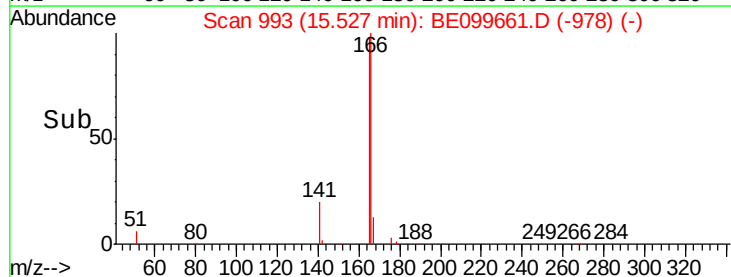
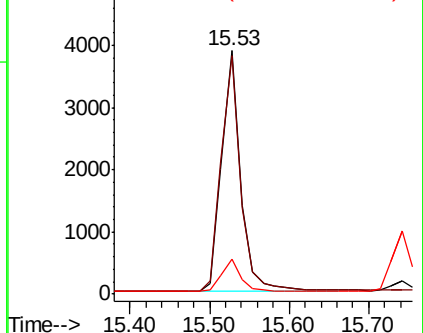
167 13.3 10.6 16.0

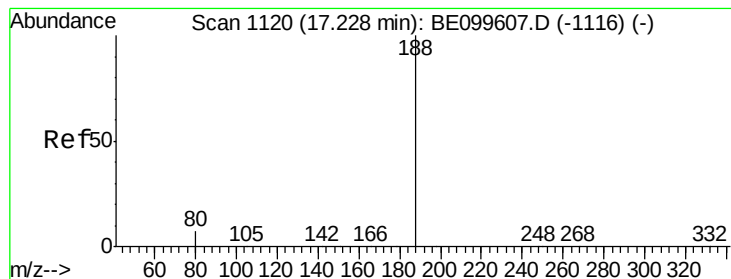


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099661.D

Acq: 20 May 2019 12:27

Instrument :

BNA_E

ClientSampled :

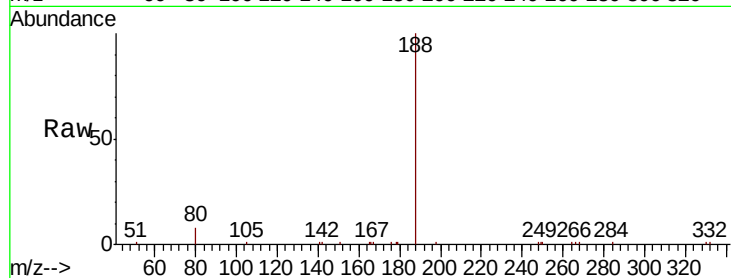
Tot Ion:188 Resp: 14710

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

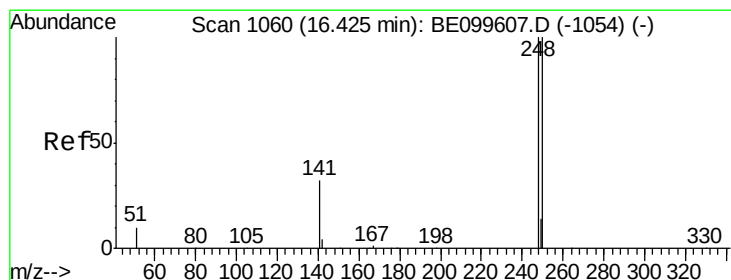
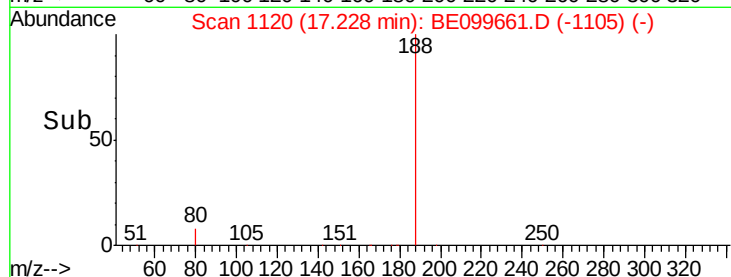
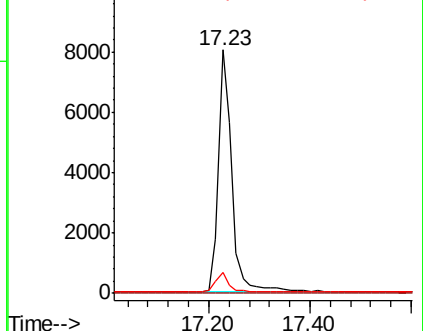
80 8.4 6.7 10.1



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: 0.348 ng

RT: 16.42 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

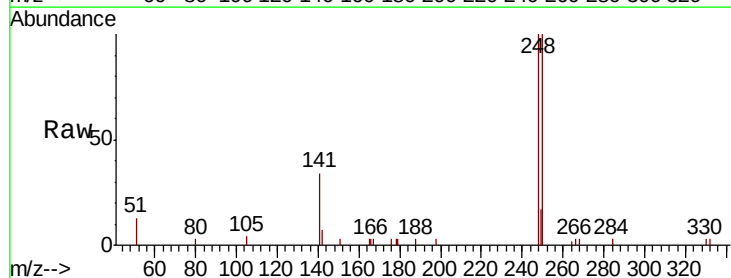
Tgt Ion:248 Resp: 2950

Ion Ratio Lower Upper

248 100

250 99.8 79.8 119.8

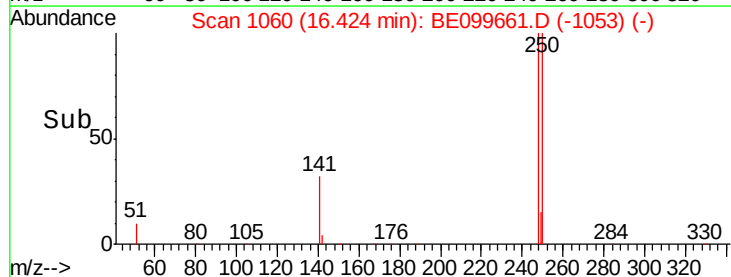
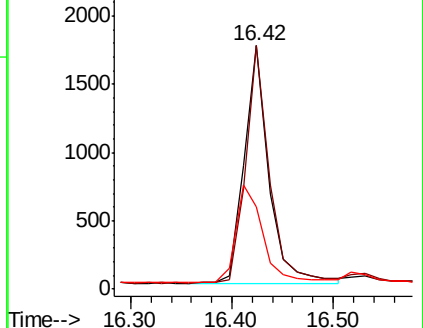
141 33.8 27.0 40.6

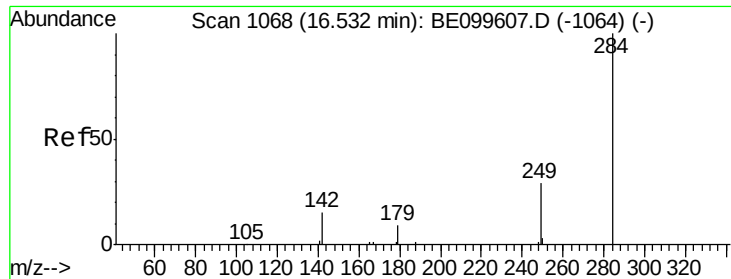


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

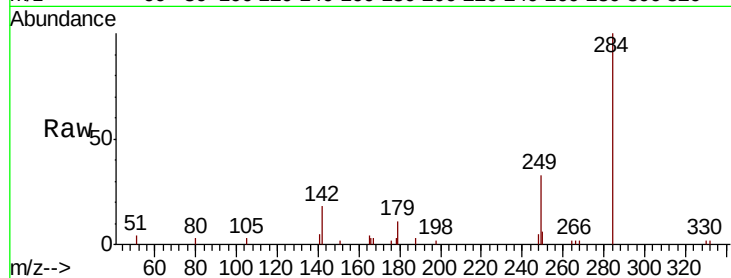




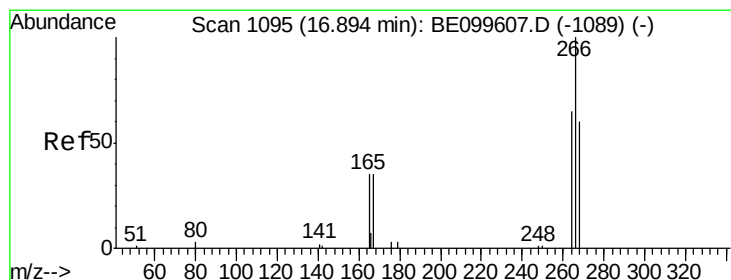
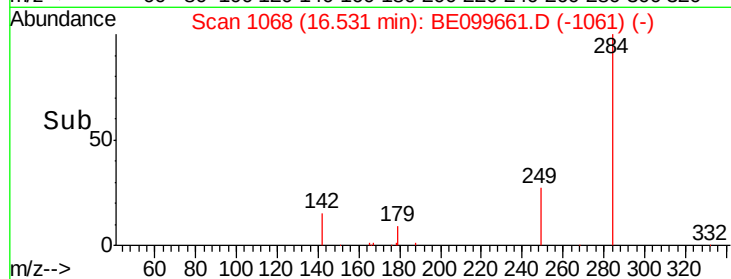
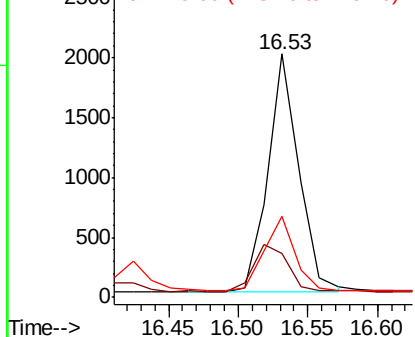
#21
Hexachlorobenzene
Concen: 0.367 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	22.2	17.8	26.6
249	31.0	24.8	37.2

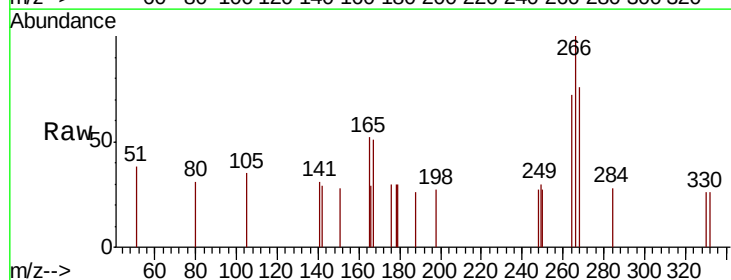


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

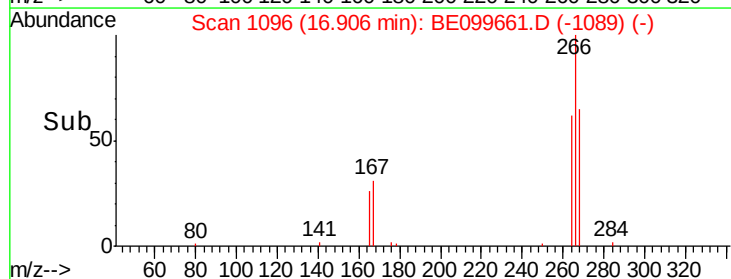
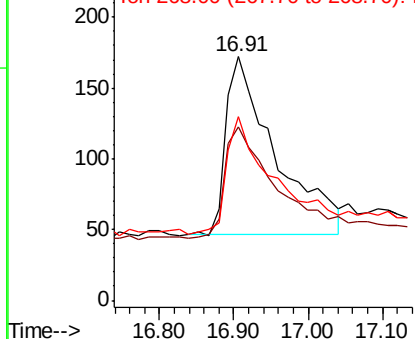


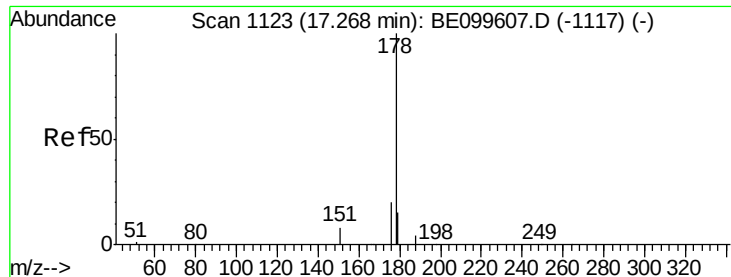
#22
Pentachlorophenol
Concen: 0.174 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion	Ratio	Lower	Upper
266	100		
264	71.5	57.2	85.8
268	75.6	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: 0.347 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

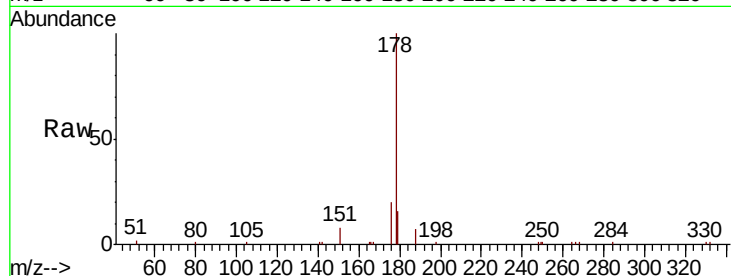
Tot Ion:178 Resp: 12689

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

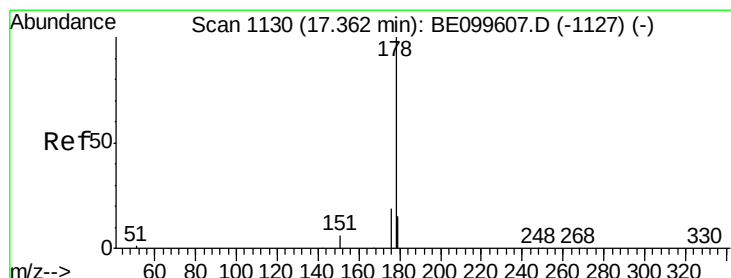
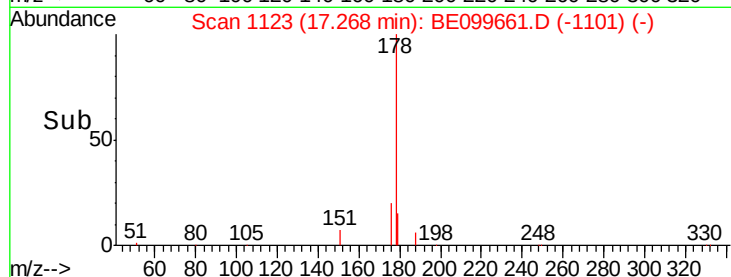
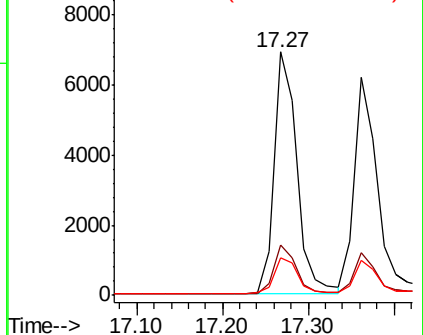
179 15.3 12.2 18.4



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: 0.323 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

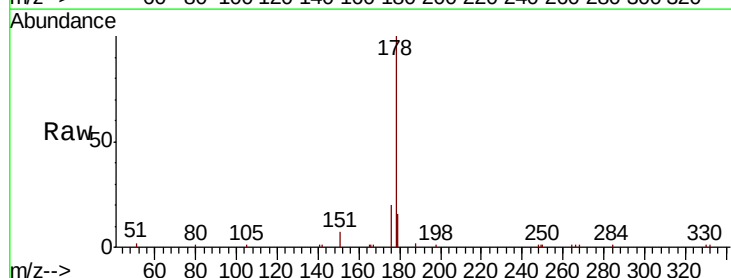
Tgt Ion:178 Resp: 10880

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

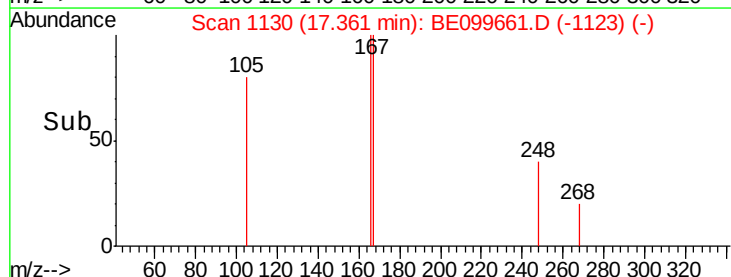
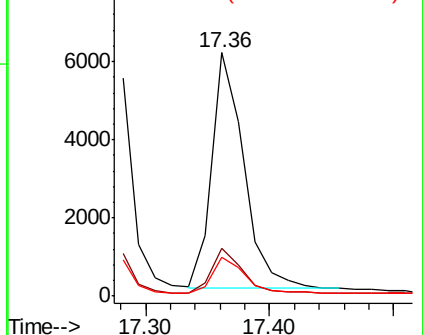
179 15.0 12.0 18.0

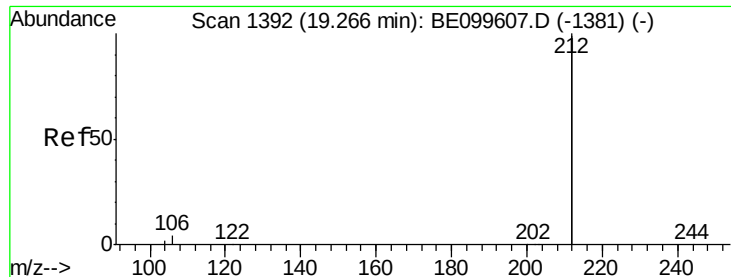


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

Instrument :

BNA_E

ClientSampled :

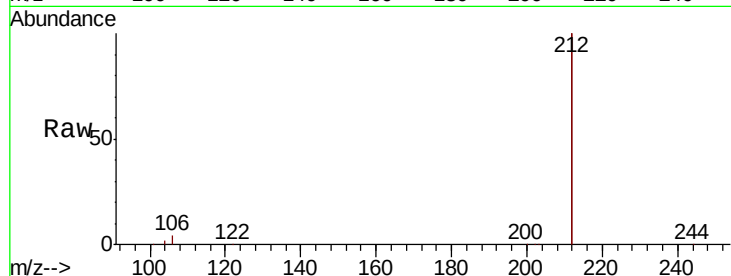
Tot Ion:212 Resp: 70038

Ion Ratio Lower Upper

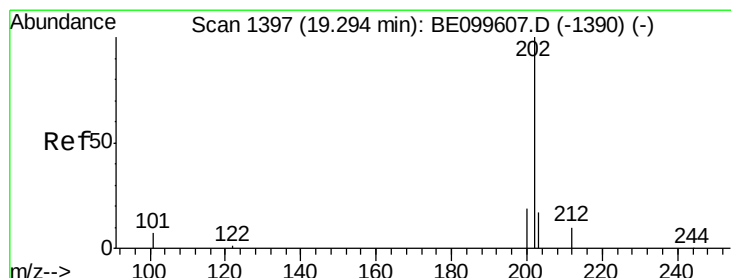
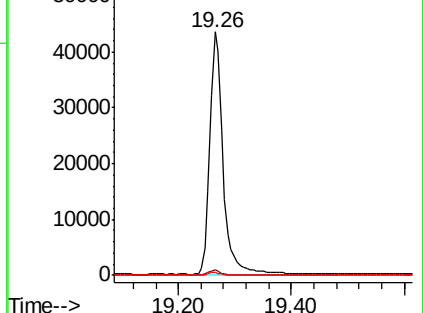
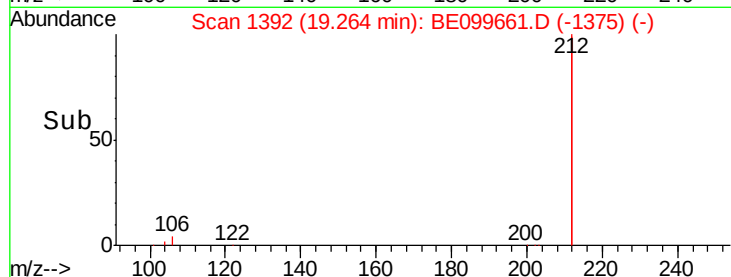
212 100

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: 0.360 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

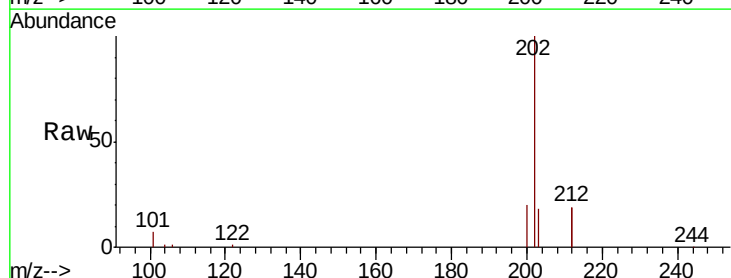
Tgt Ion:202 Resp: 19886

Ion Ratio Lower Upper

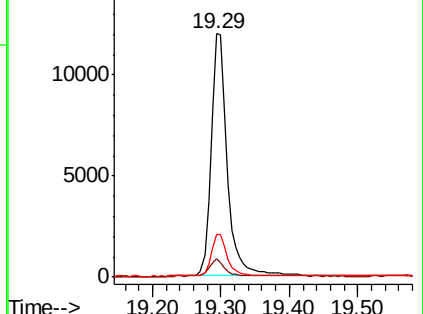
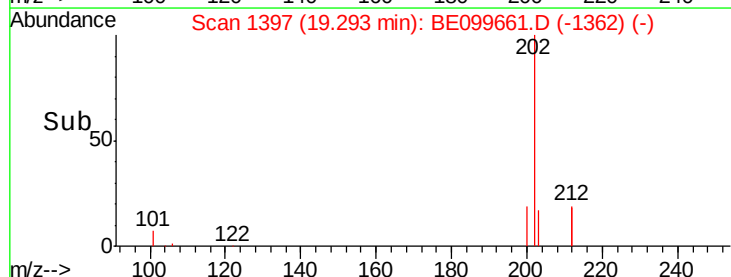
202 100

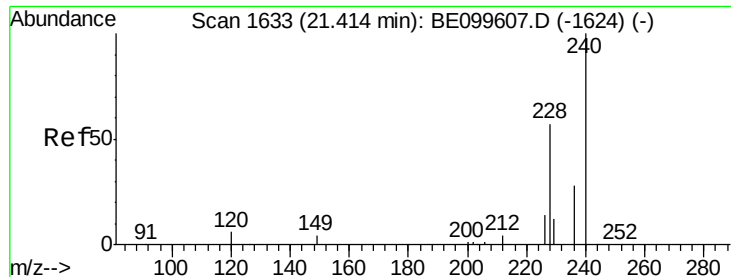
101 6.5 5.2 7.8

203 17.2 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# 1634

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

Instrument :

BNA_E

ClientSampled :

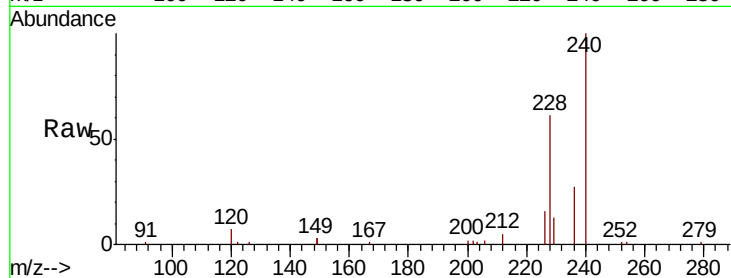
Tot Ion:240 Resp: 20553

Ion Ratio Lower Upper

240 100

120 6.7 5.4 8.0

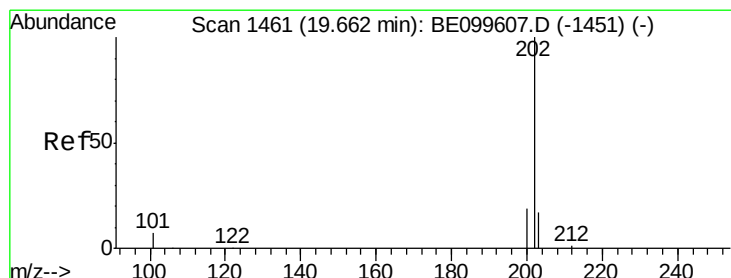
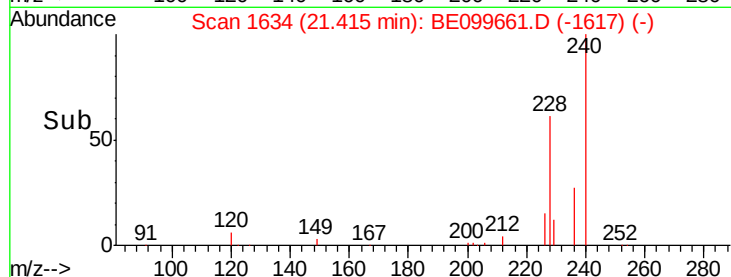
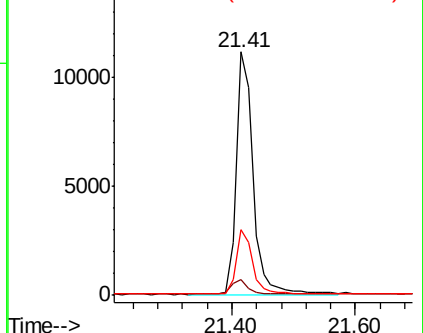
236 27.1 21.7 32.5



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: 0.388 ng

RT: 19.66 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

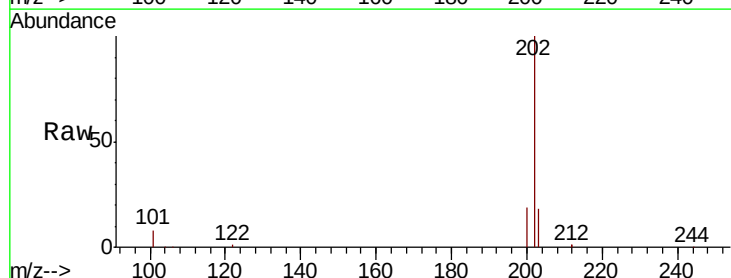
Tgt Ion:202 Resp: 20304

Ion Ratio Lower Upper

202 100

200 19.3 15.4 23.2

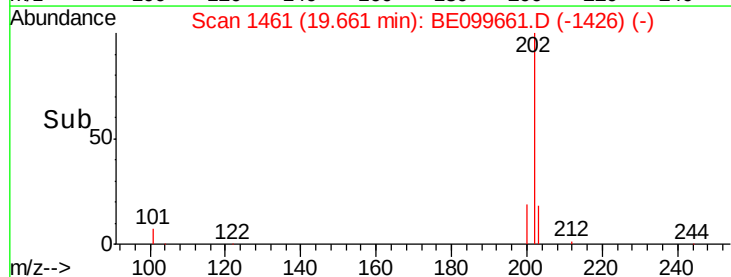
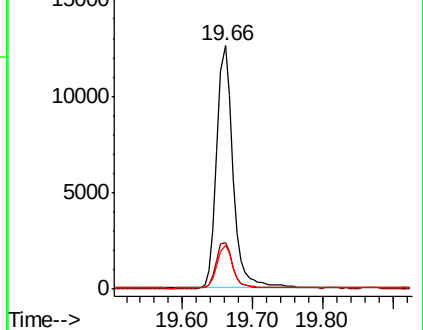
203 17.3 13.8 20.8

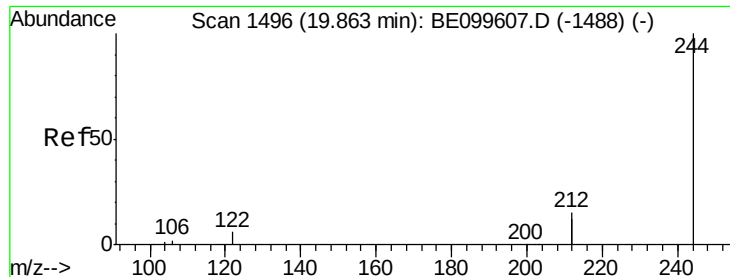


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

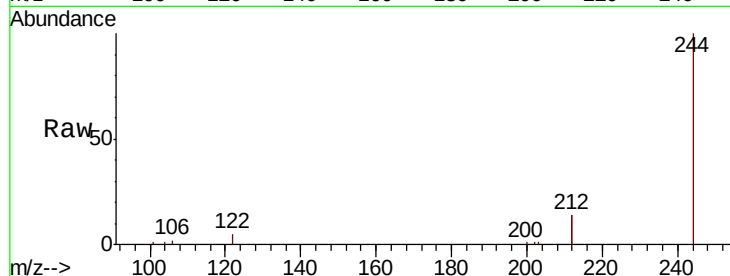
Tot Ion:244 Resp: 14100

Ion Ratio Lower Upper

244 100

212 28.1 22.5 33.7

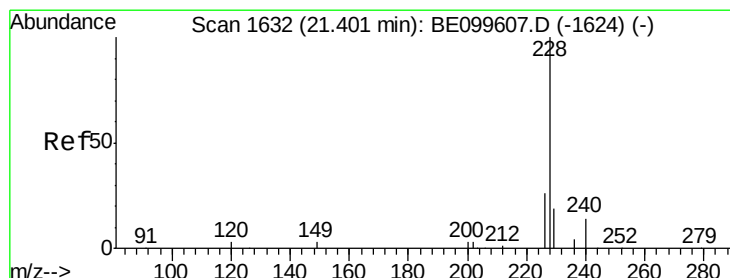
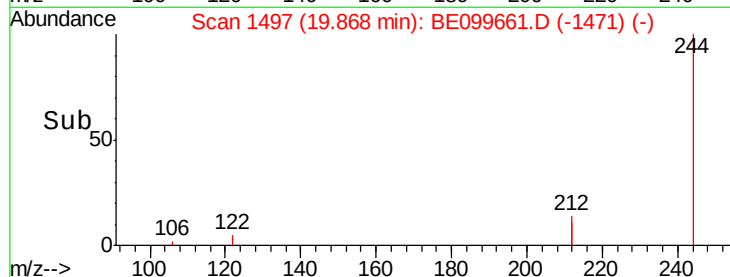
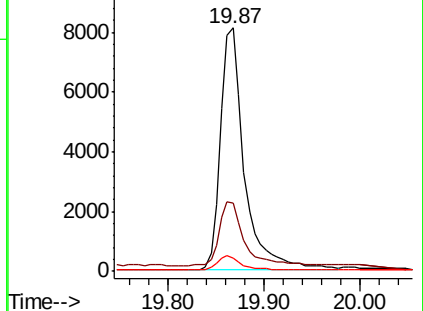
122 5.4 4.3 6.5



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: 0.358 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

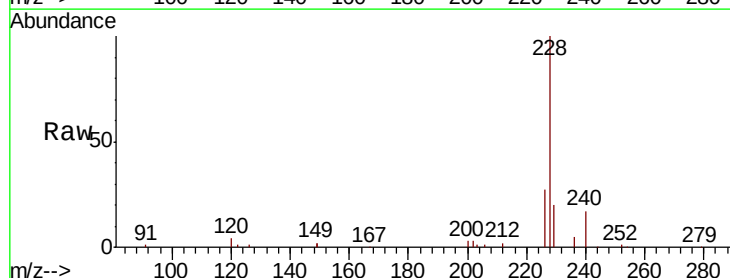
Tgt Ion:228 Resp: 22250

Ion Ratio Lower Upper

228 100

226 26.6 21.3 31.9

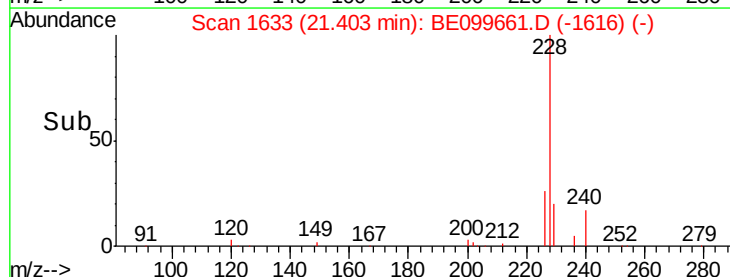
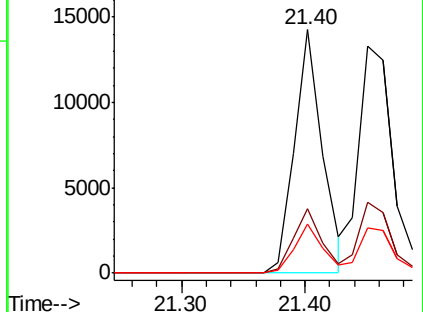
229 20.1 16.1 24.1

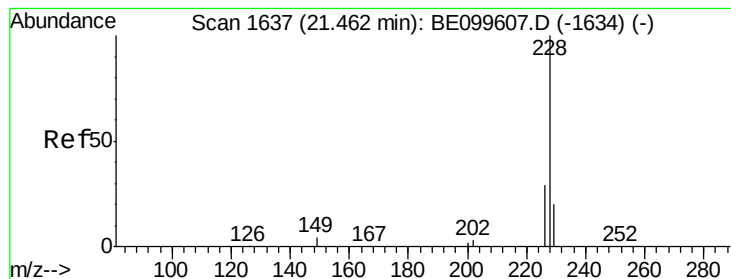


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.386 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

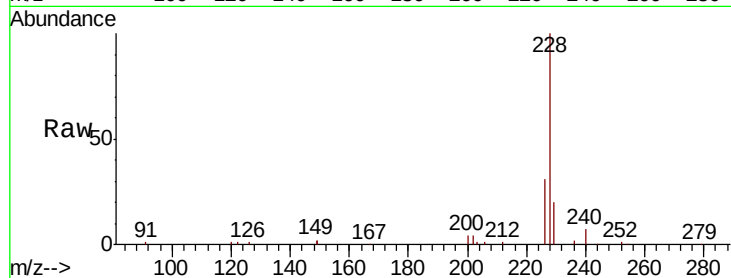
Tot Ion:228 Resp: 24681

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

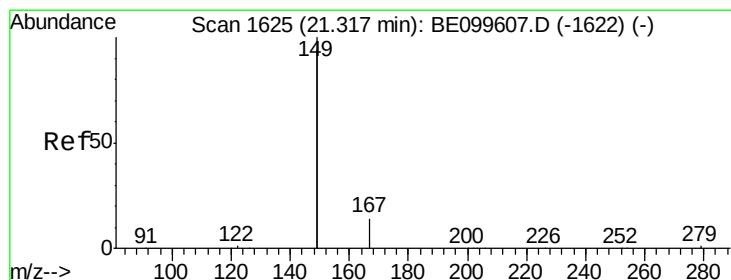
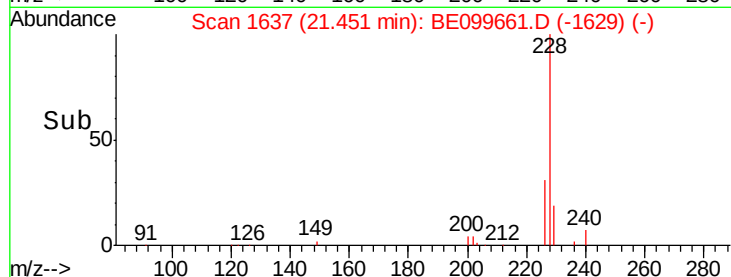
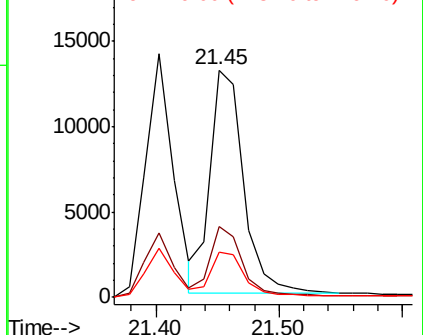
229 19.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.253 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

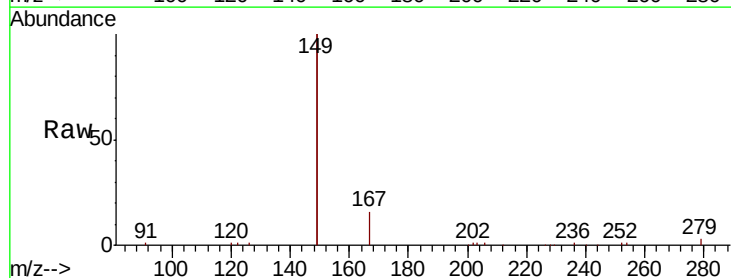
Tgt Ion:149 Resp: 24207

Ion Ratio Lower Upper

149 100

167 7.8 6.2 9.4

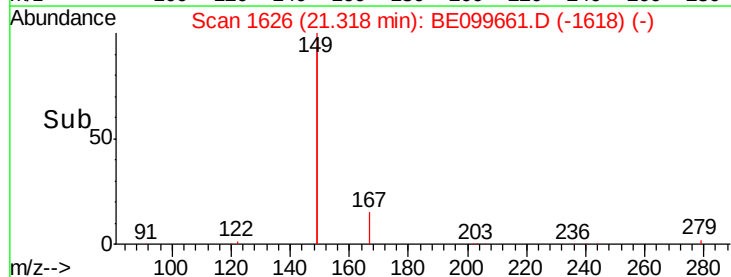
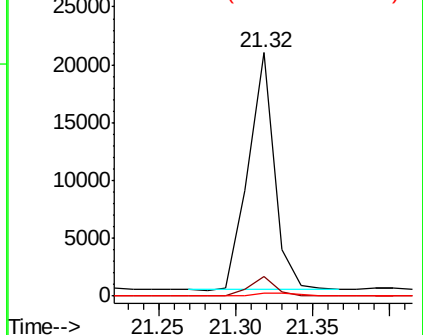
279 1.5 1.2 1.8

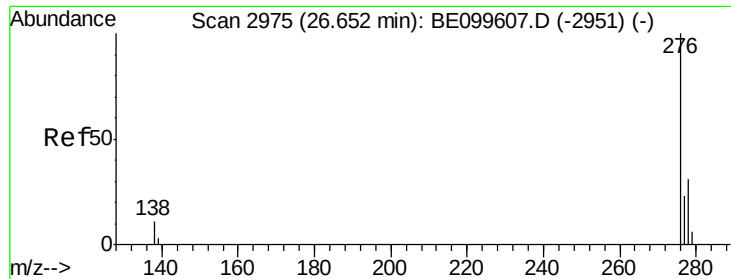


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

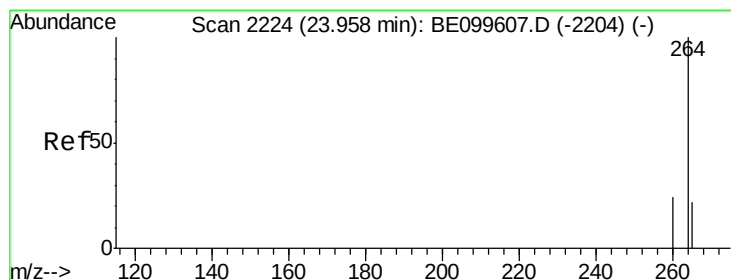
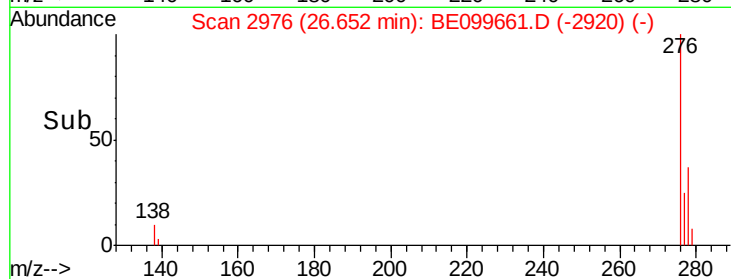
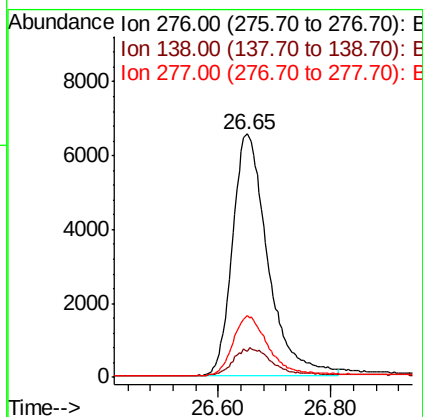
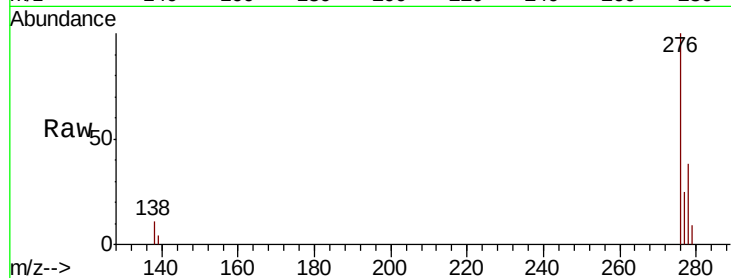




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.356 ng
 RT: 26.65 min Scan# 2976
 Delta R.T. 0.00 min
 Lab File: BE099661.D
 Acq: 20 May 2019 12:27

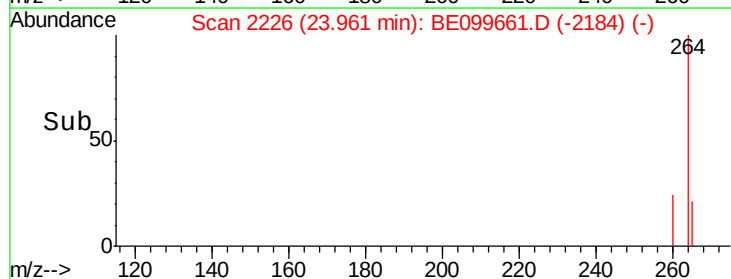
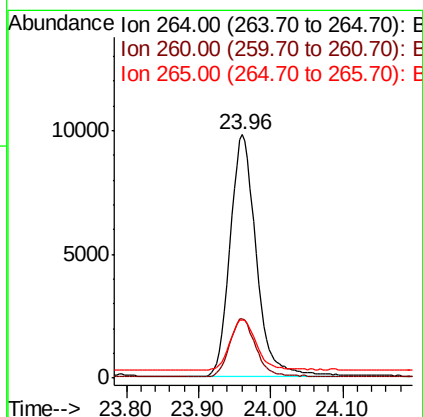
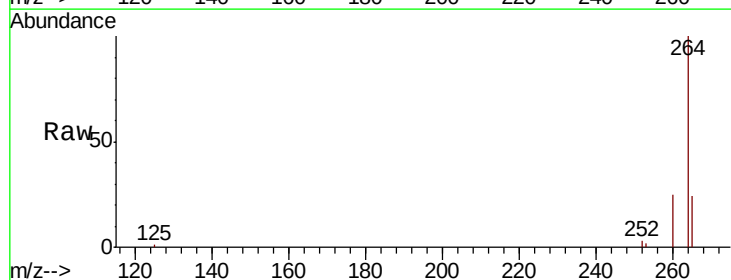
Instrument :
 BNA_E
 ClientSampleId :

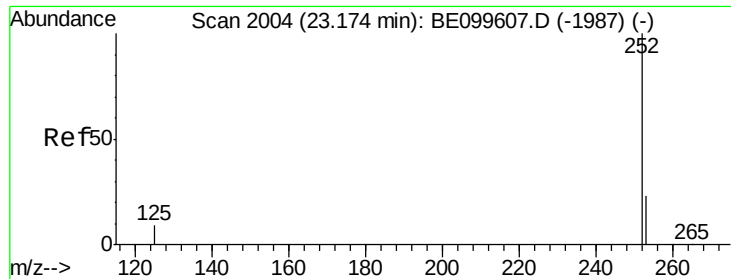
Tot Ion:276 Resp: 28316
 Ion Ratio Lower Upper
 276 100
 138 12.0 9.6 14.4
 277 24.0 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BE099661.D
 Acq: 20 May 2019 12:27

Tgt Ion:264 Resp: 24189
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 23.9 19.1 28.7

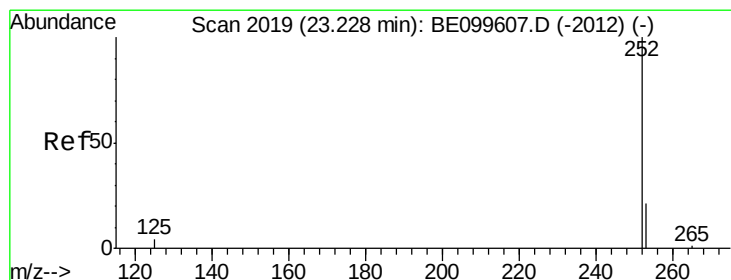
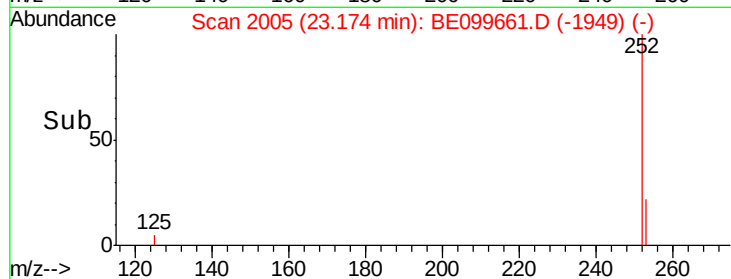
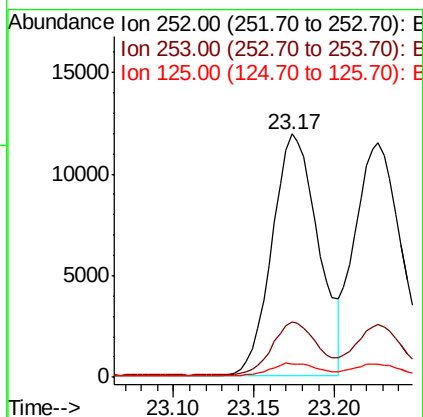
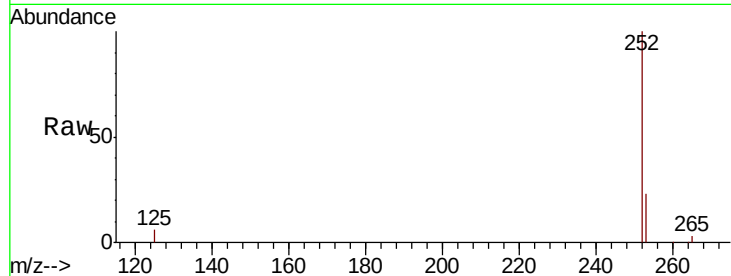




#35
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 23.17 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

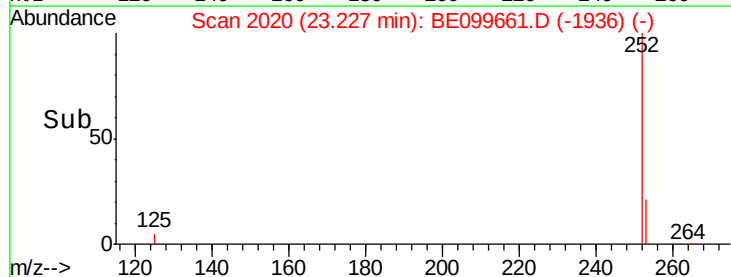
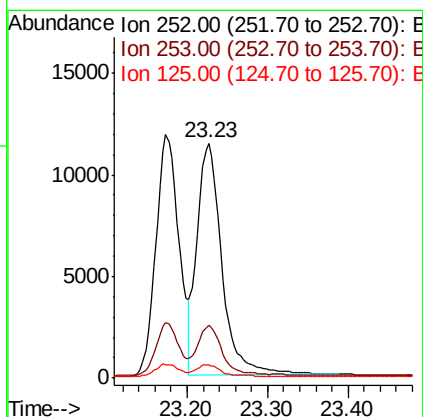
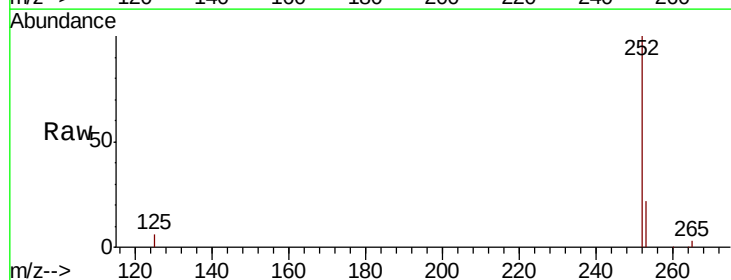
Instrument :
BNA_E
ClientSampleId :

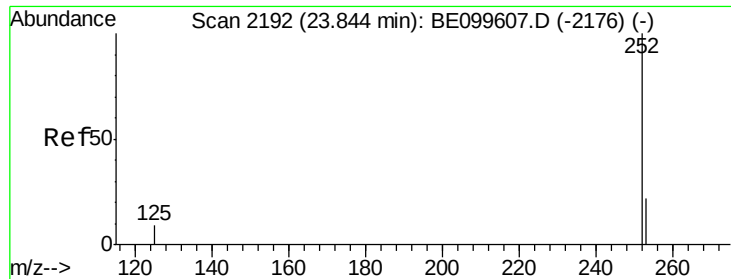
Tot Ion:252 Resp: 23810
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 5.6 4.5 6.7



#36
Benzo(k)fluoranthene
Concen: 0.370 ng
RT: 23.23 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BE099661.D
Acq: 20 May 2019 12:27

Tgt Ion:252 Resp: 24694
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 5.7 4.6 6.8





#37

Benzo(a)pyrene

Concen: 0.344 ng

RT: 23.84 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

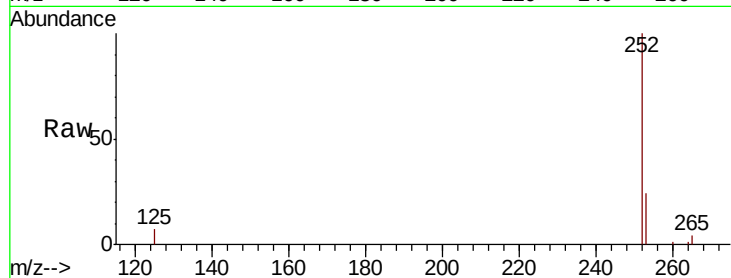
Tot Ion:252 Resp: 22508

Ion Ratio Lower Upper

252 100

253 23.6 18.9 28.3

125 6.7 5.4 8.0

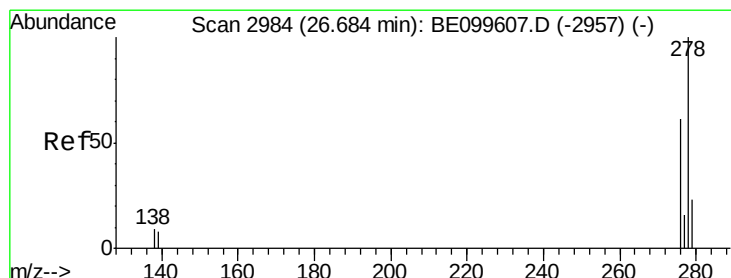
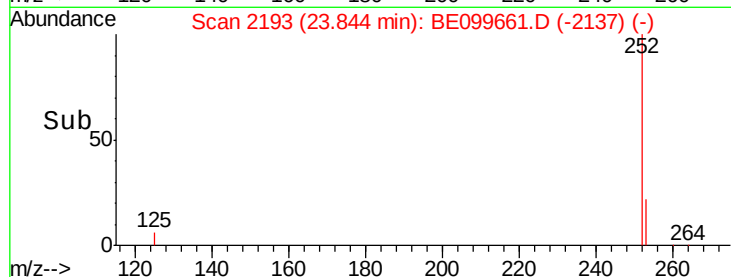
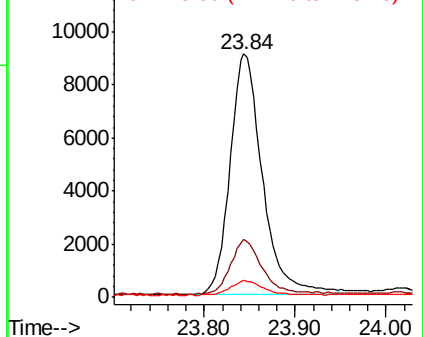


Abundance

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: 0.340 ng

RT: 26.68 min Scan# 2984

Delta R.T. 0.00 min

Lab File: BE099661.D

Acq: 20 May 2019 12:27

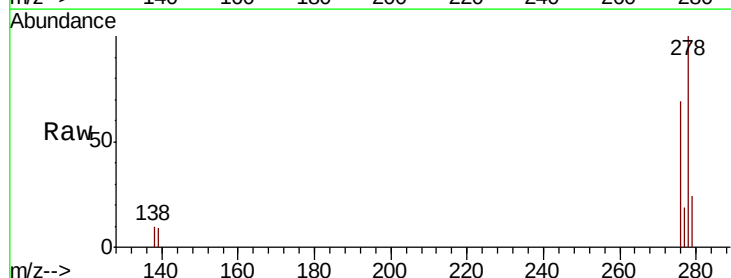
Tgt Ion:278 Resp: 23125

Ion Ratio Lower Upper

278 100

139 8.6 6.9 10.3

279 24.0 19.2 28.8

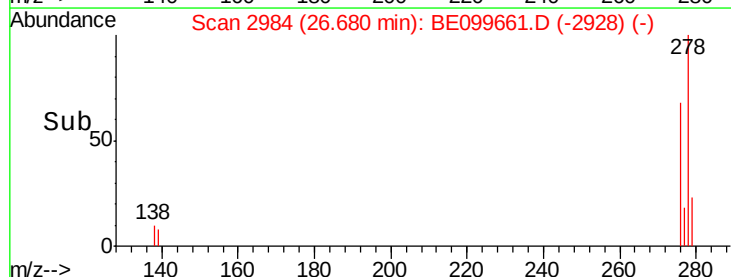
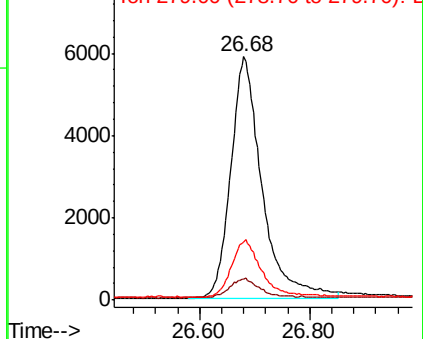


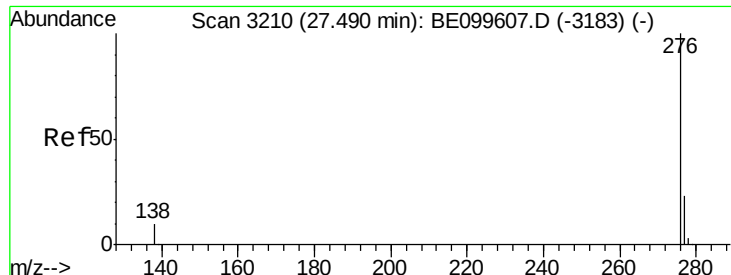
Abundance

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: 0.350 ng

RT: 27.48 min Scan# 3208

Delta R.T. 0.00 min

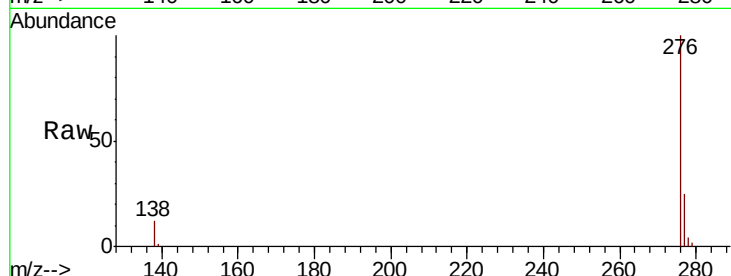
Lab File: BE099661.D

Acq: 20 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 23881

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.6

138 11.5 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

