

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052219\
 Data File : BE099713.D
 Acq On : 22 May 2019 10:06
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 22 11:53:03 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	2095	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	8237	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	5909	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	17458	0.40	ng	0.00
27) Chrysene-d12	21.41	240	23551	0.40	ng	0.00
34) Perylene-d12	23.96	264	27834	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1992	0.38	ng	0.00
5) Phenol-d6	6.97	99	2715	0.39	ng	0.00
8) Nitrobenzene-d5	8.98	82	2540	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	5100	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1243	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	7916	0.35	ng	0.00
25) Fluoranthene-d10	19.26	212	79109	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	15980	0.38	ng	0.00

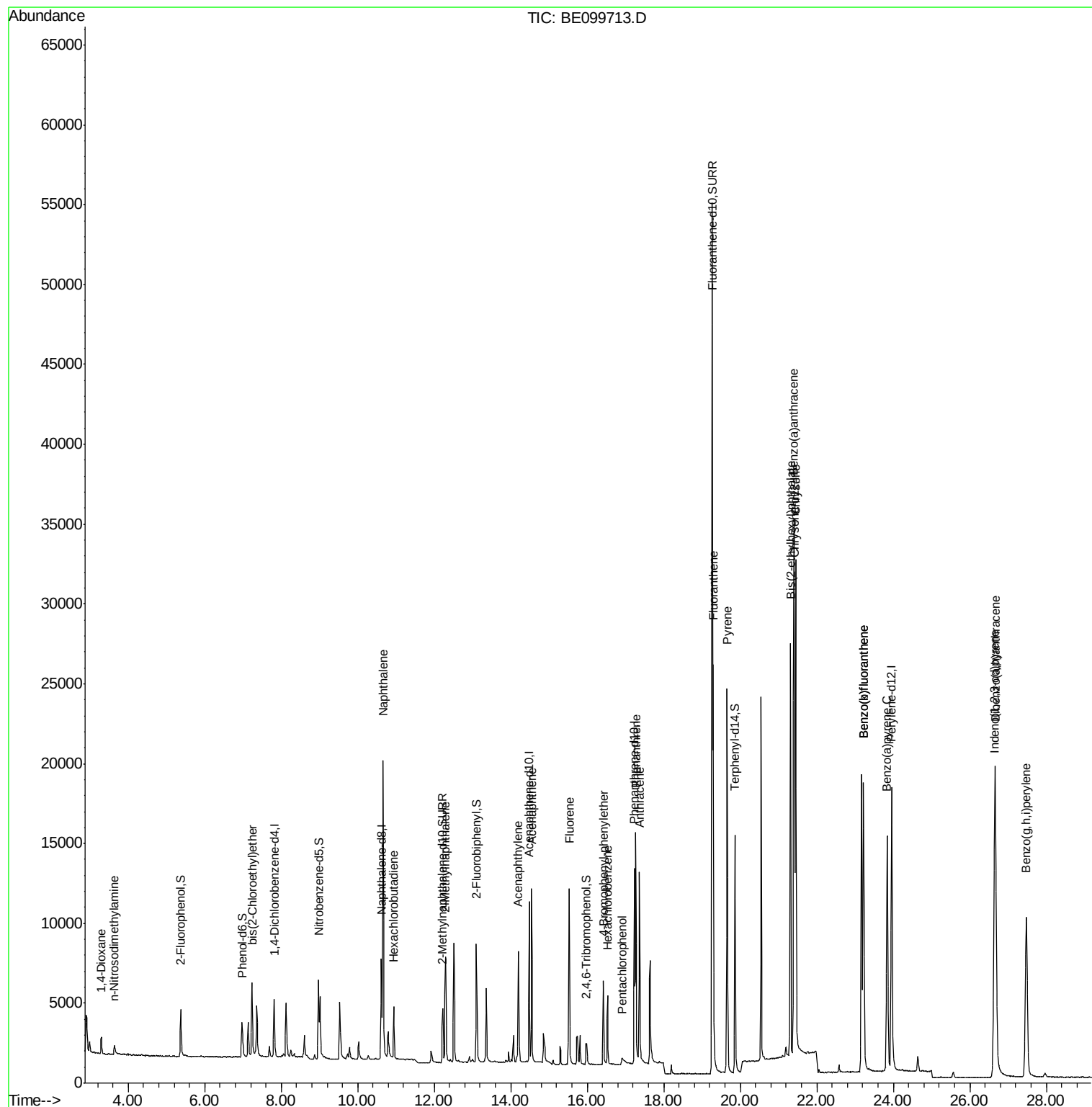
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1010	0.326	ng	93
3) n-Nitrosodimethylamine	3.63	42	555	0.324	ng	# 96
6) bis(2-Chloroethyl)ether	7.24	93	2448	0.393	ng	93
9) Naphthalene	10.67	128	31902	0.362	ng	100
10) Hexachlorobutadiene	10.94	225	2268	0.350	ng	99
12) 2-Methylnaphthalene	12.30	142	5220	0.363	ng	99
16) Acenaphthylene	14.20	152	9814	0.356	ng	100
17) Acenaphthene	14.54	154	5601	0.362	ng	97
18) Fluorene	15.53	166	8425	0.370	ng	98
20) 4-Bromophenyl-phenylether	16.43	248	3622	0.360	ng	94
21) Hexachlorobenzene	16.53	284	3888	0.377	ng	99
22) Pentachlorophenol	16.91	266	754	0.418	ng	95
23) Phenanthrene	17.27	178	15734	0.369	ng	100
24) Anthracene	17.36	178	13903	0.359	ng	100
26) Fluoranthene	19.29	202	23093	0.342	ng	99
28) Pyrene	19.65	202	23692	0.400	ng	100
30) Benzo(a)anthracene	21.40	228	27111	0.405	ng	99
31) Chrysene	21.45	228	28168	0.394	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	34544	0.448	ng	99
33) Indeno(1,2,3-cd)pyrene	26.64	276	34412	0.398	ng	99
35) Benzo(b)fluoranthene	23.22	252	28153	0.369	ng	99
36) Benzo(k)fluoranthene	23.22	252	28484	0.358	ng	100
37) Benzo(a)pyrene	23.84	252	26833	0.366	ng	# 98
38) Dibenzo(a,h)anthracene	26.67	278	28174	0.366	ng	# 98
39) Benzo(g,h,i)perylene	27.48	276	27814	0.357	ng	99

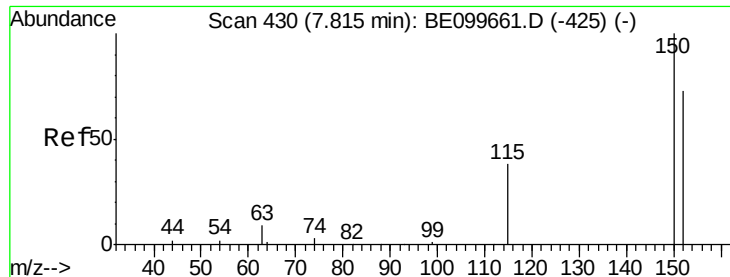
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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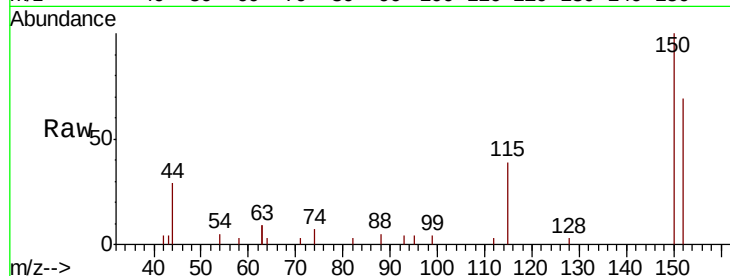


#1

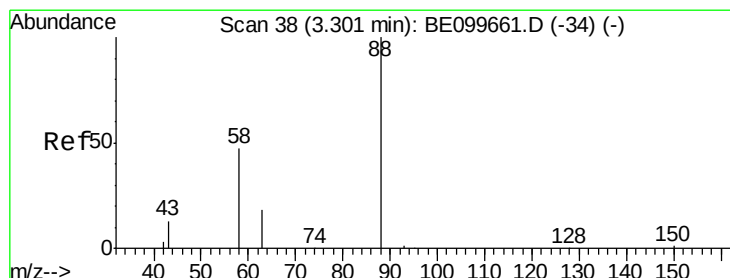
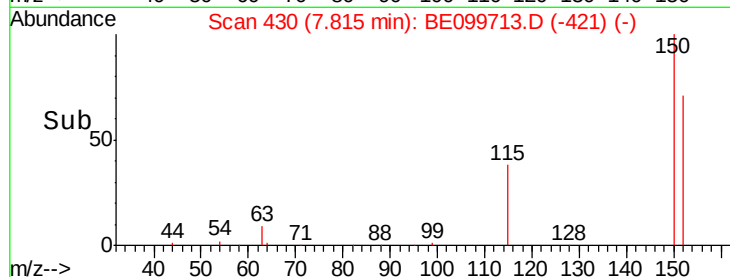
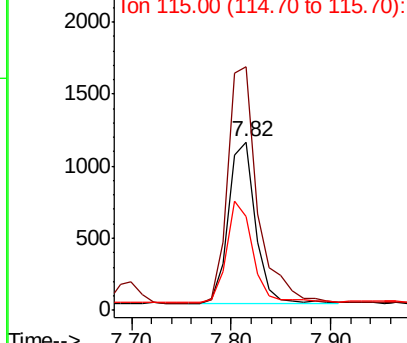
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 2095
Ion Ratio Lower Upper
152 100
150 144.5 109.2 163.8
115 55.9 43.7 65.5



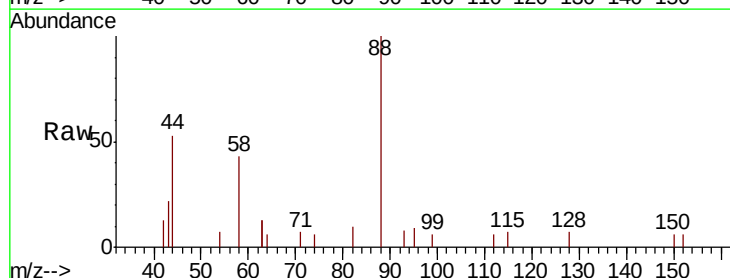
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



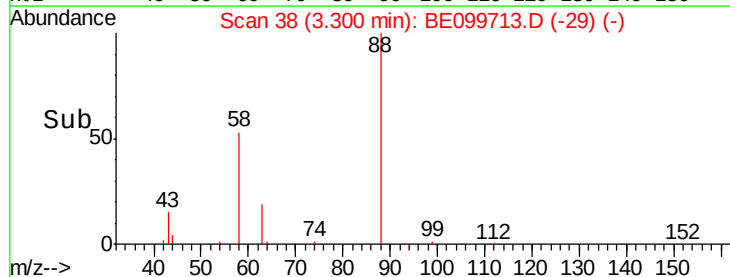
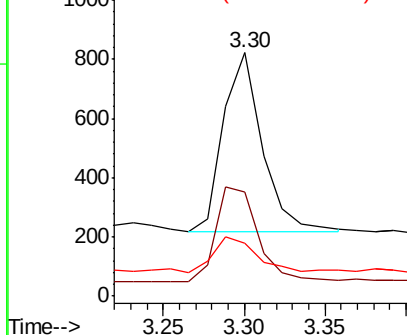
#2

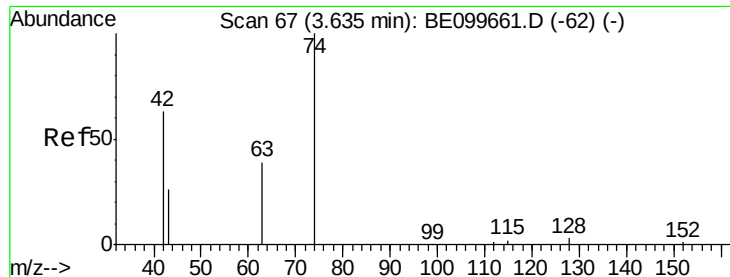
1,4-Dioxane
Concen: 0.326 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion: 88 Resp: 1010
Ion Ratio Lower Upper
88 100
58 58.3 41.8 62.8
43 19.3 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: 0.324 ng

RT: 3.63 min Scan# 67

Delta R.T. -0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

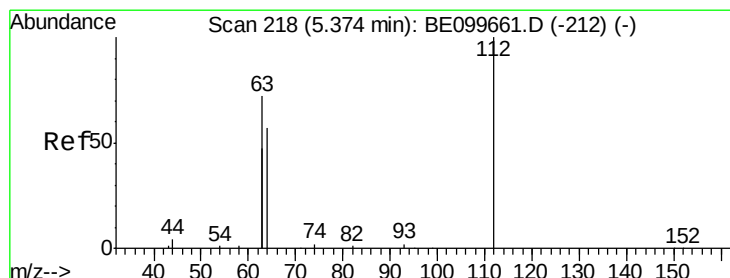
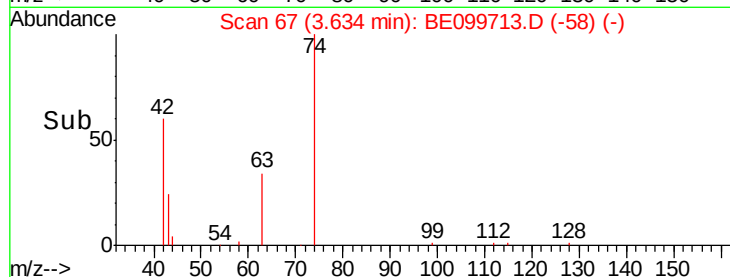
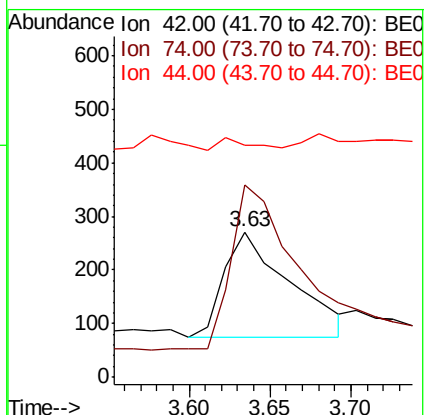
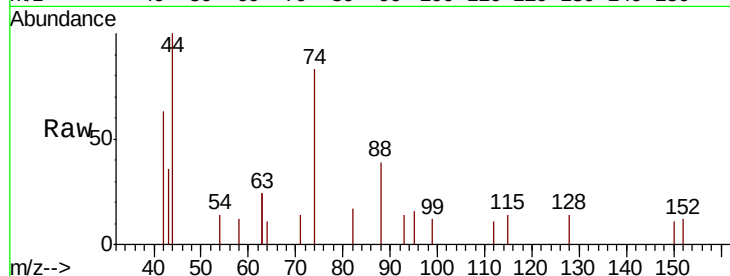
Tot Ion: 42 Resp: 555

Ion Ratio Lower Upper

42 100

74 156.0 129.2 193.8

44 6.1 0.0 0.0#



#4

2-Fluorophenol

Concen: 0.376 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

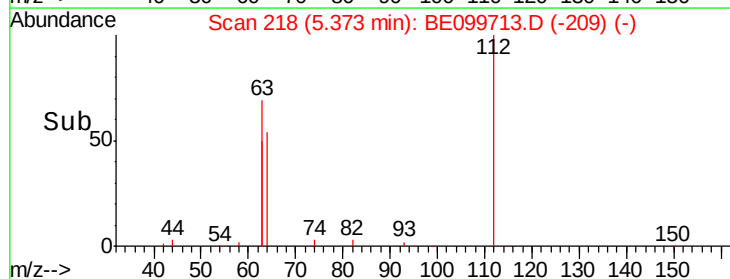
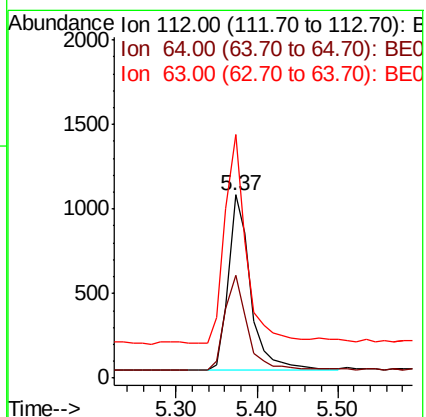
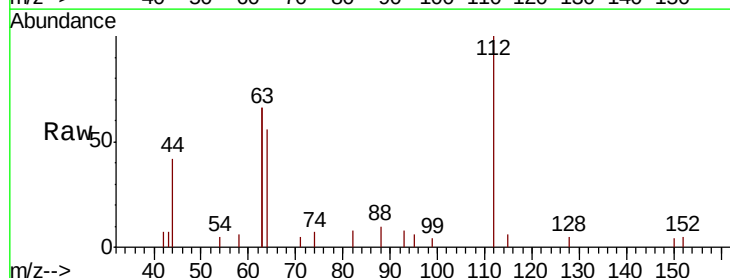
Tgt Ion: 112 Resp: 1992

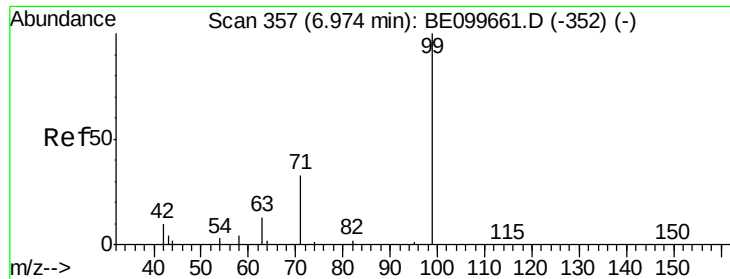
Ion Ratio Lower Upper

112 100

64 55.3 43.4 65.2

63 114.4 96.9 145.3





#5

Phenol-d6

Concen: 0.387 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

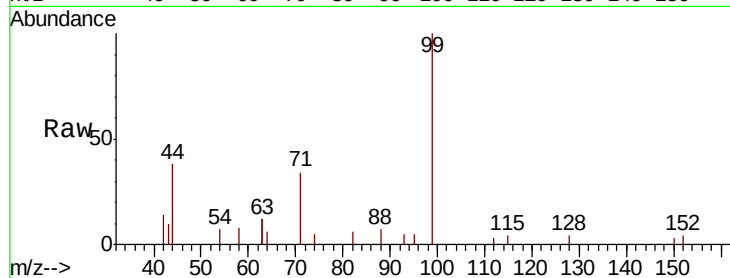
Tot Ion: 99 Resp: 2715

Ion Ratio Lower Upper

99 100

42 14.4 12.2 18.2

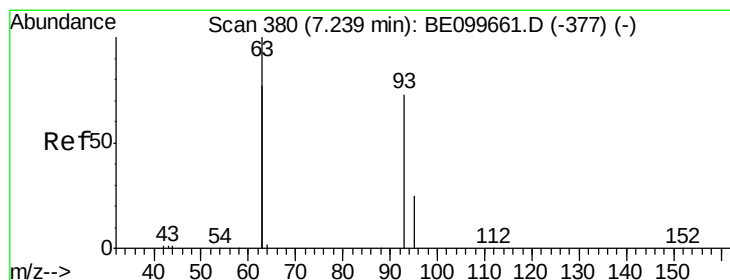
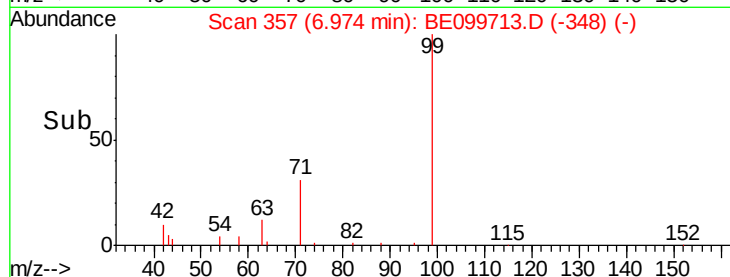
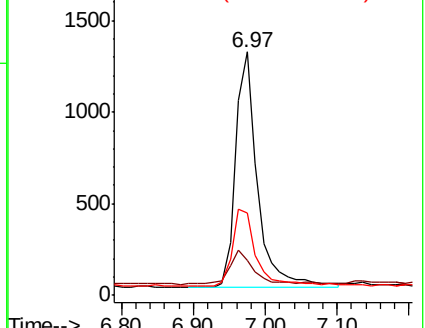
71 37.0 28.9 43.3



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: 0.393 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

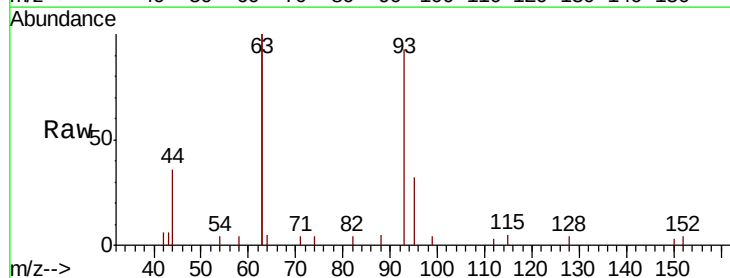
Tgt Ion: 93 Resp: 2448

Ion Ratio Lower Upper

93 100

63 246.9 207.8 311.6

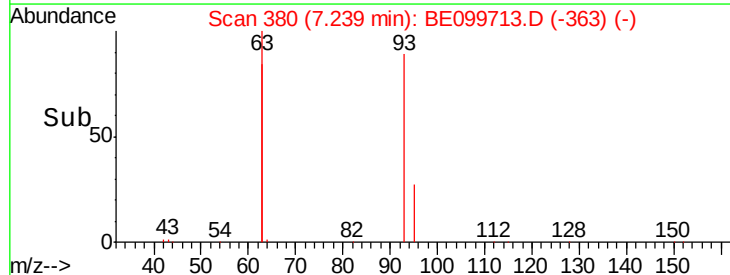
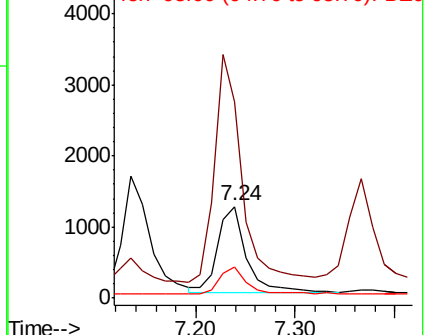
95 31.7 25.9 38.9

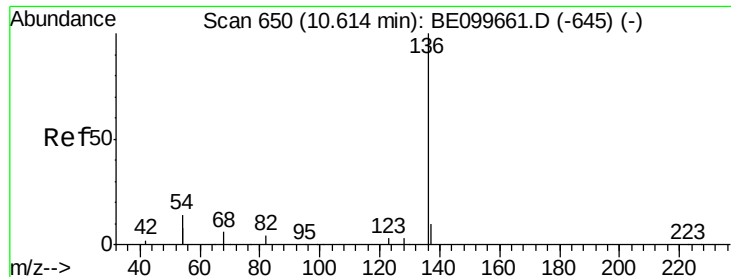


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 8237

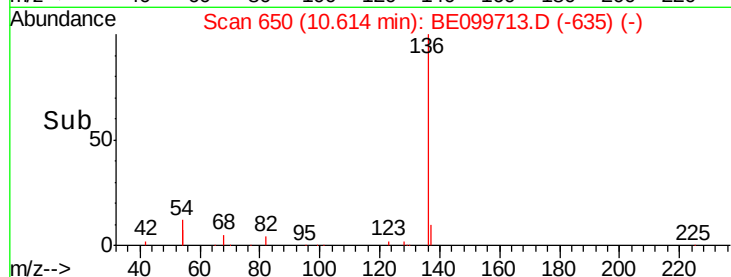
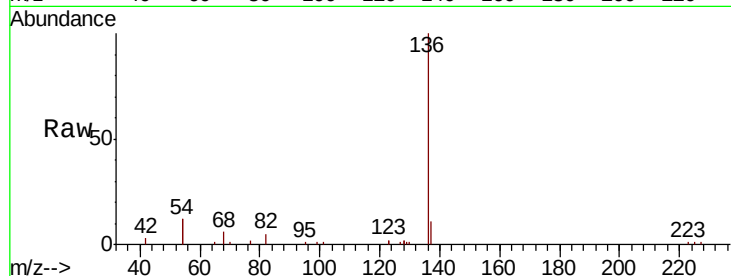
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 23.4 22.3 33.5

68 5.9 6.0 9.0#

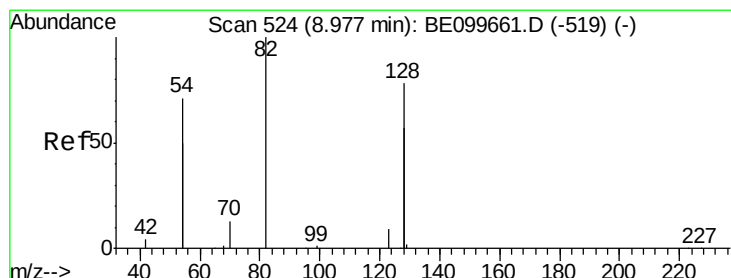
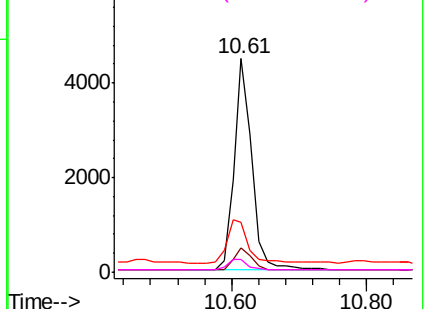


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.356 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

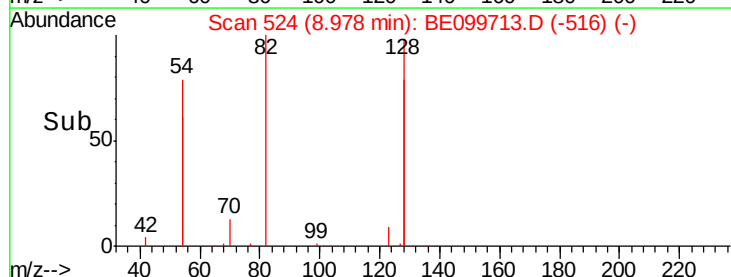
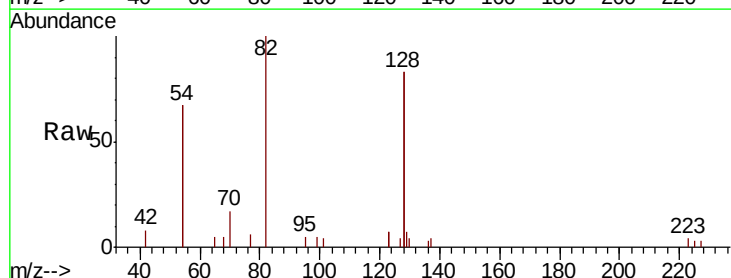
Tgt Ion: 82 Resp: 2540

Ion Ratio Lower Upper

82 100

128 166.0 117.7 176.5

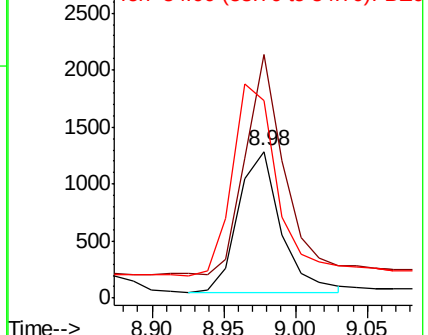
54 134.3 106.6 160.0

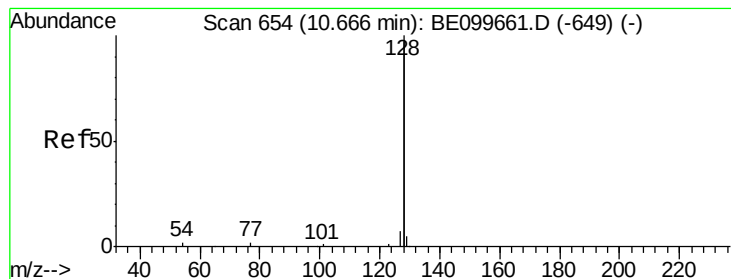


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.362 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

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ClientSampleId :

SSTDCCC0.4

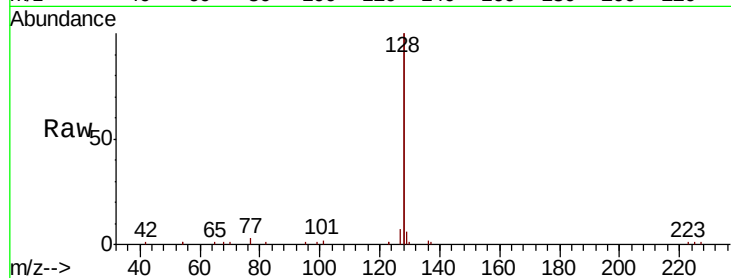
Tot Ion:128 Resp: 31902

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

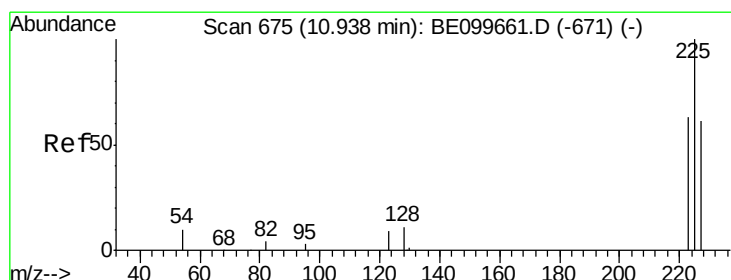
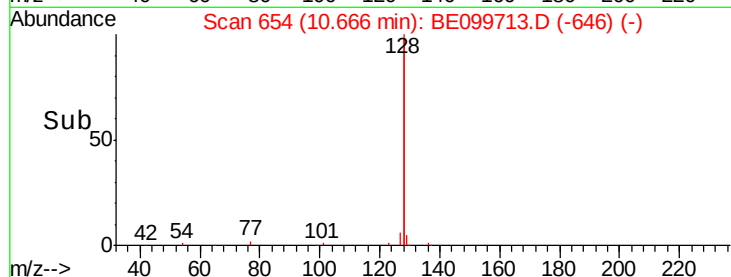
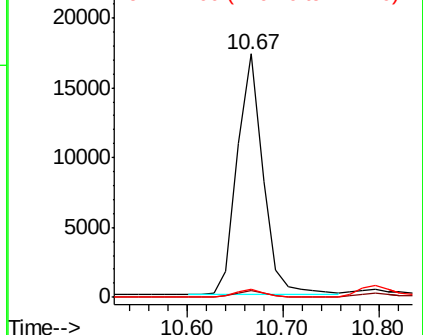
127 3.4 2.9 4.3



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: 0.350 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

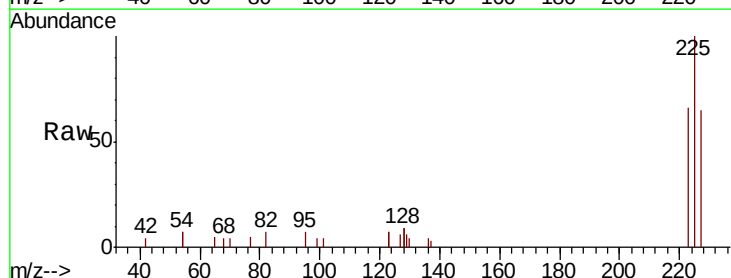
Tgt Ion:225 Resp: 2268

Ion Ratio Lower Upper

225 100

223 63.8 51.8 77.6

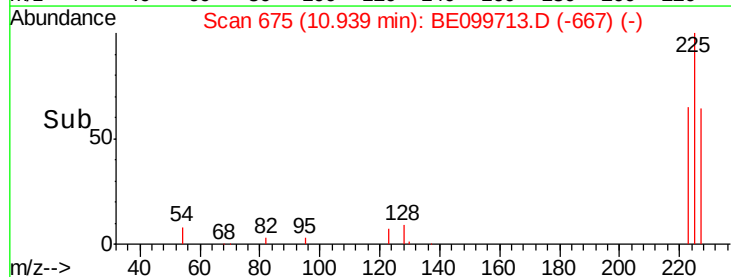
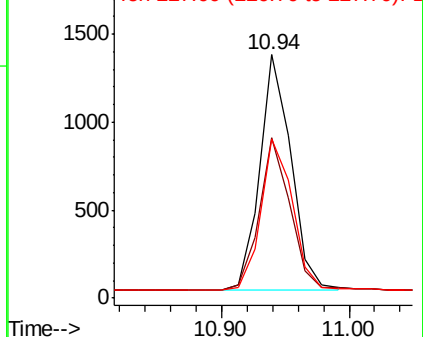
227 65.3 52.6 79.0

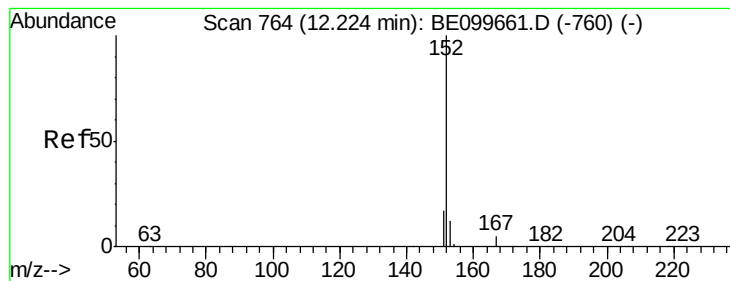


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

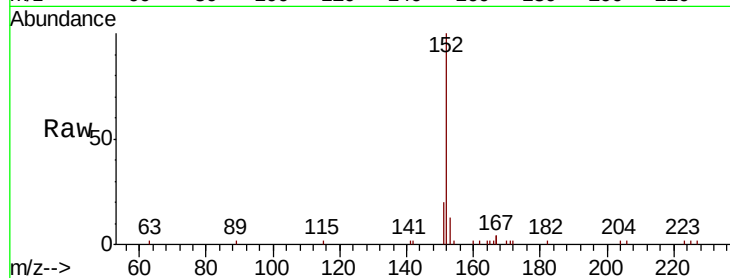
SSTDCCC0.4

Tot Ion:152 Resp: 5100

Ion Ratio Lower Upper

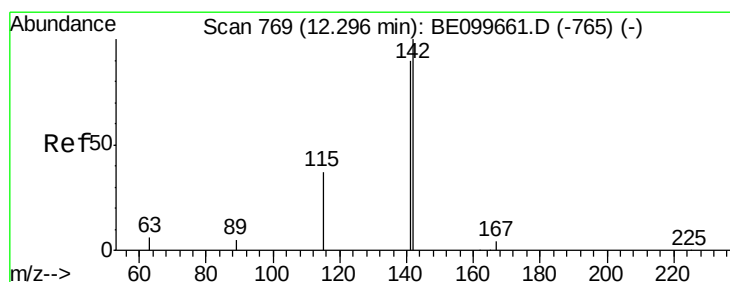
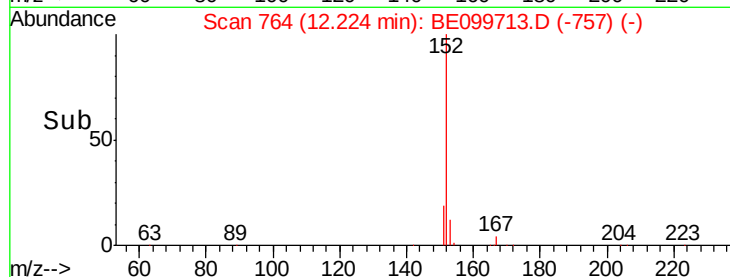
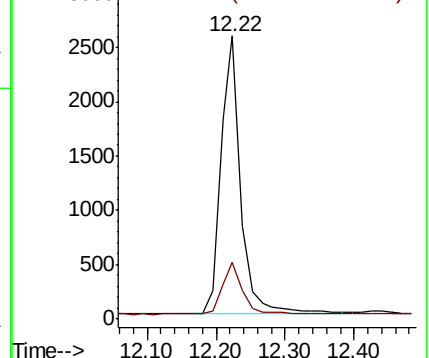
152 100

151 19.7 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.363 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

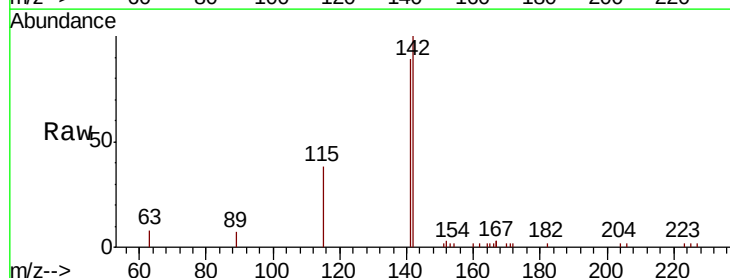
Tgt Ion:142 Resp: 5220

Ion Ratio Lower Upper

142 100

141 89.2 72.0 108.0

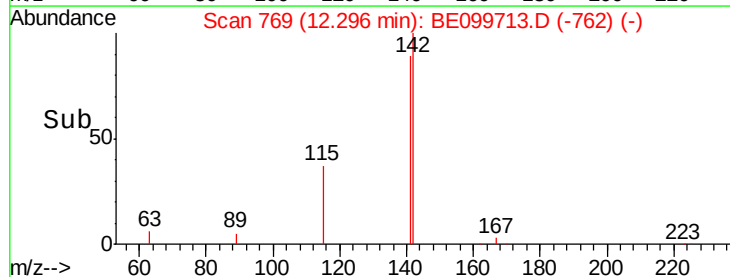
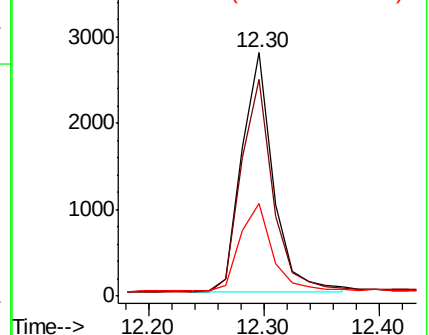
115 38.1 31.0 46.4

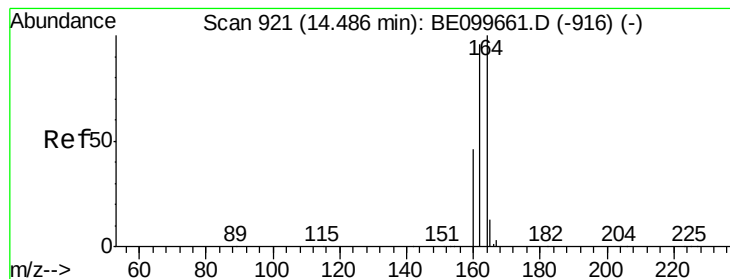


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

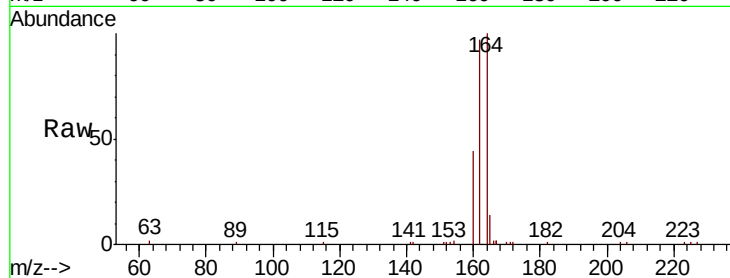
Tot Ion:164 Resp: 5909

Ion Ratio Lower Upper

164 100

162 97.3 76.5 114.7

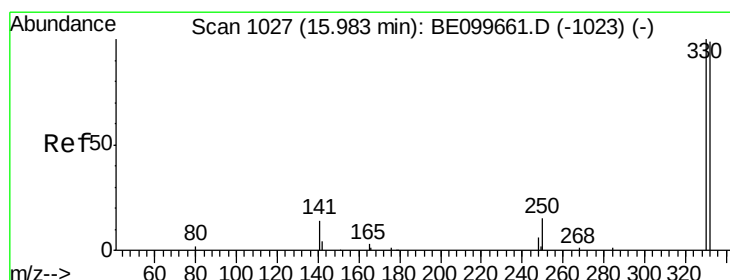
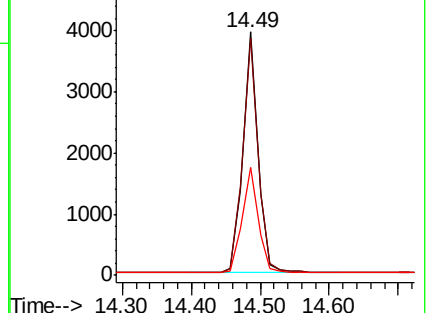
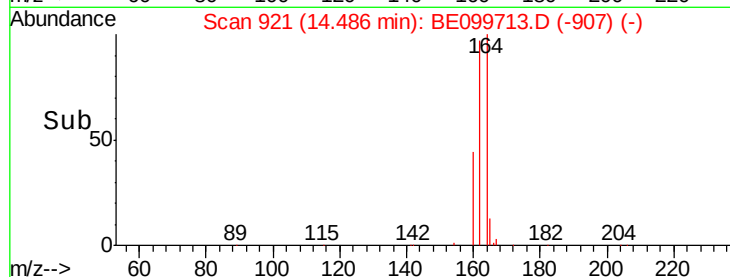
160 44.3 37.4 56.2



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: 0.407 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

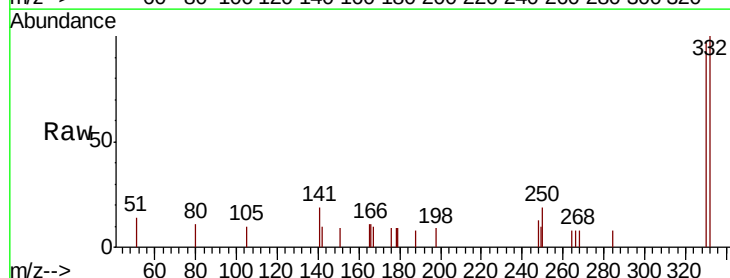
Tgt Ion:330 Resp: 1243

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

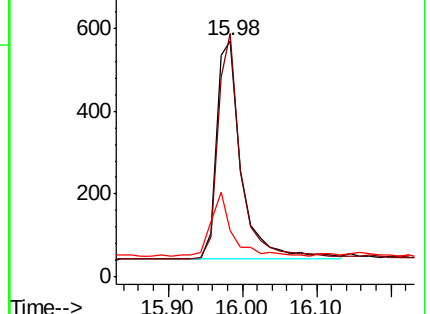
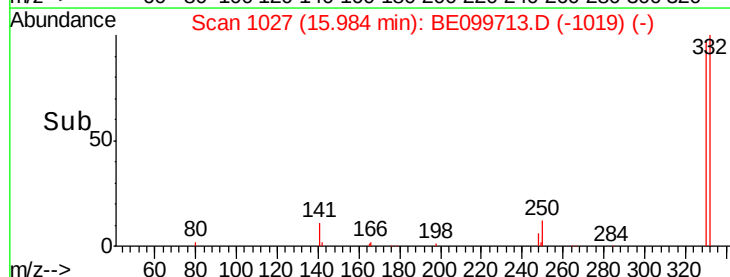
141 24.3 18.9 28.3

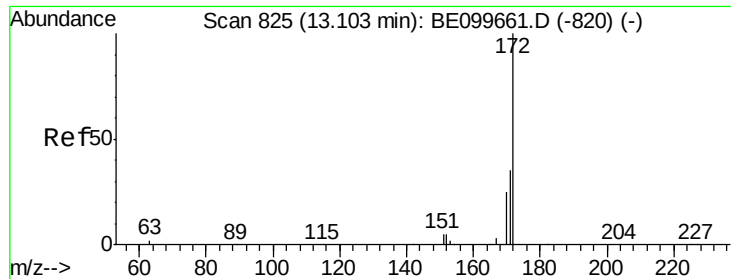


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

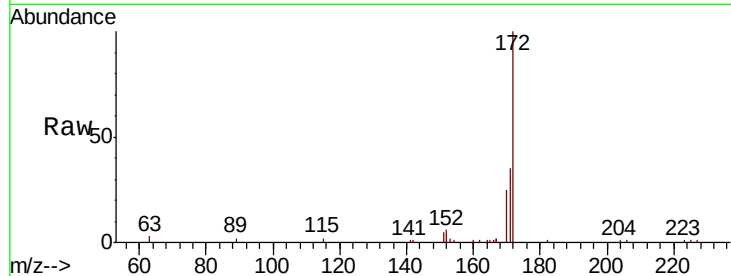




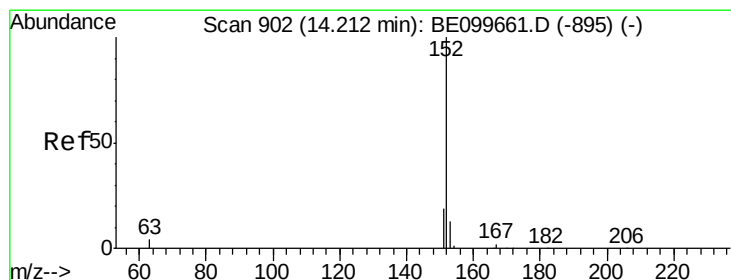
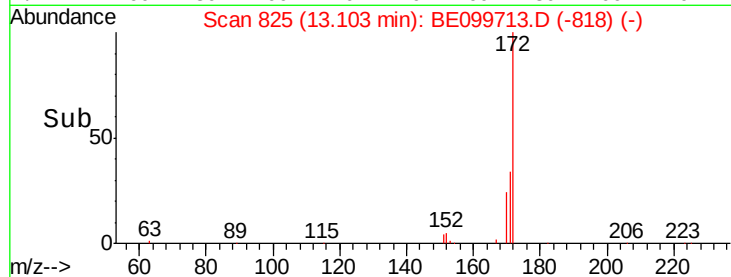
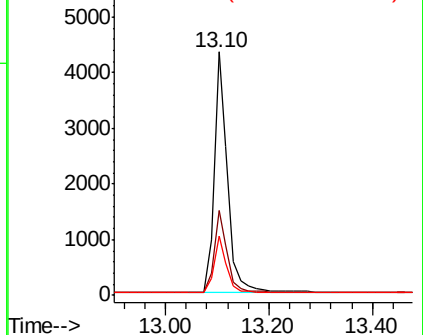
#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 7916
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 24.5 20.9 31.3

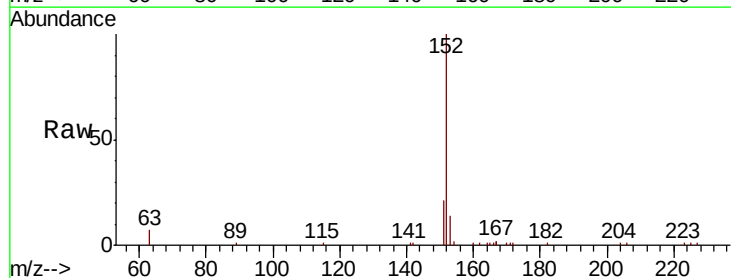


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

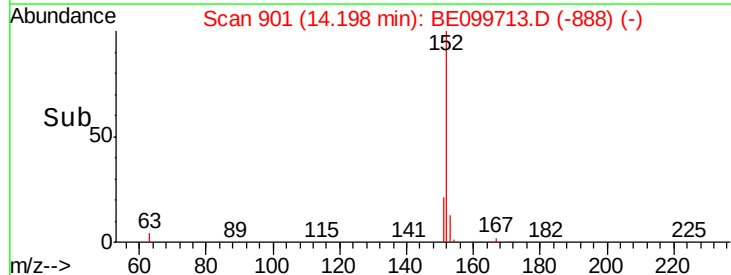
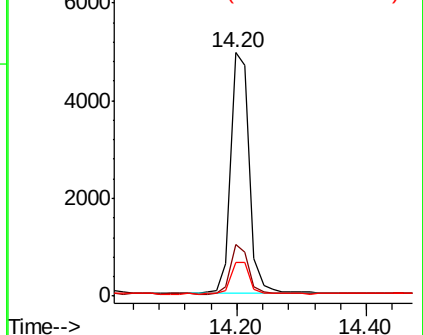


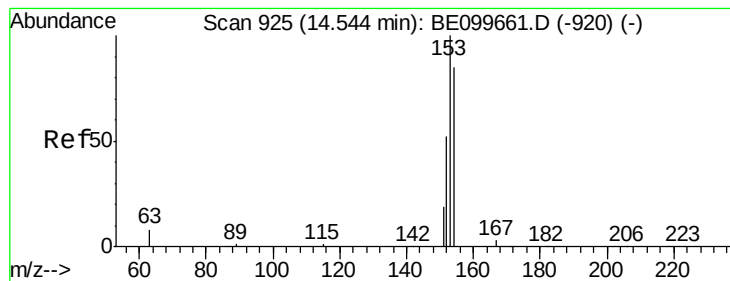
#16
Acenaphthylene
Concen: 0.356 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099713.D
Acq: 22 May 2019 10:06

Tgt Ion:152 Resp: 9814
Ion Ratio Lower Upper
152 100
151 19.6 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: 0.362 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

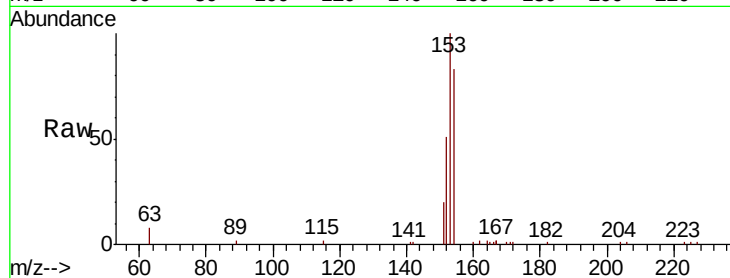
Tot Ion:154 Resp: 5601

Ion Ratio Lower Upper

154 100

153 117.8 91.8 137.6

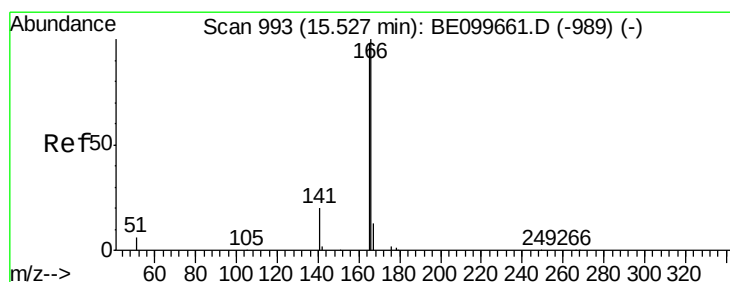
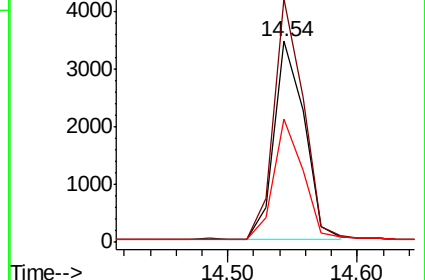
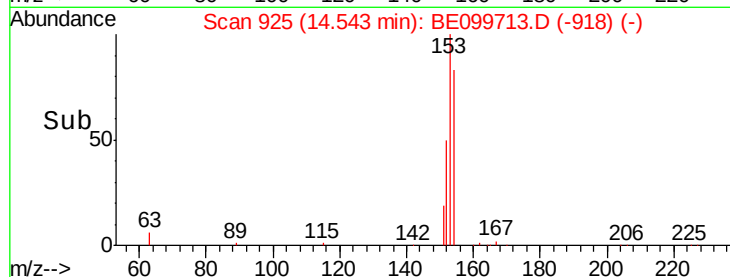
152 59.0 46.0 69.0



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: 0.370 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

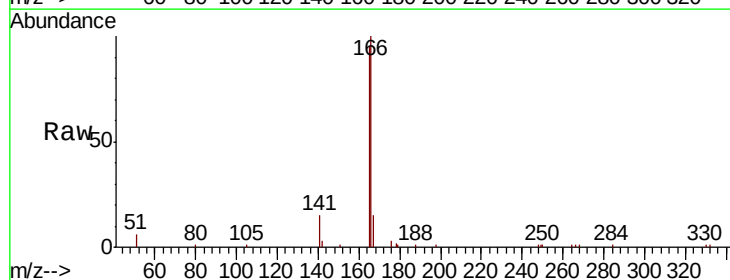
Tgt Ion:166 Resp: 8425

Ion Ratio Lower Upper

166 100

165 98.1 80.3 120.5

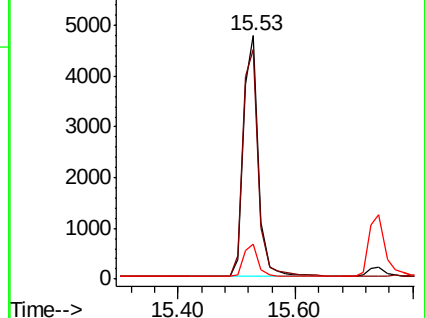
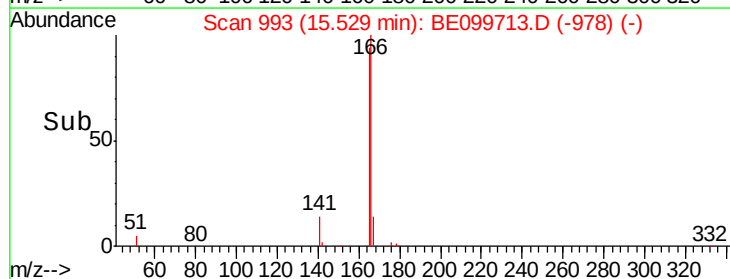
167 13.5 10.6 16.0

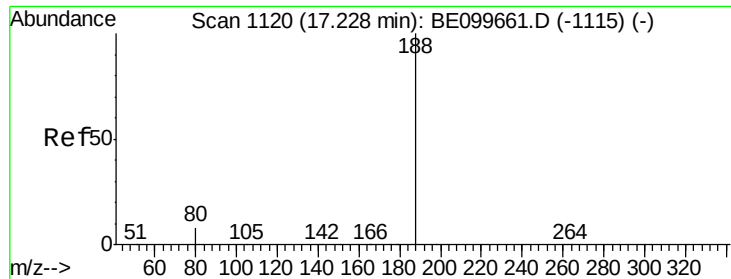


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

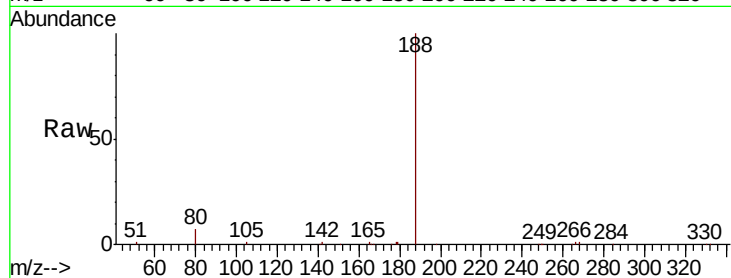
Tot Ion:188 Resp: 17458

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

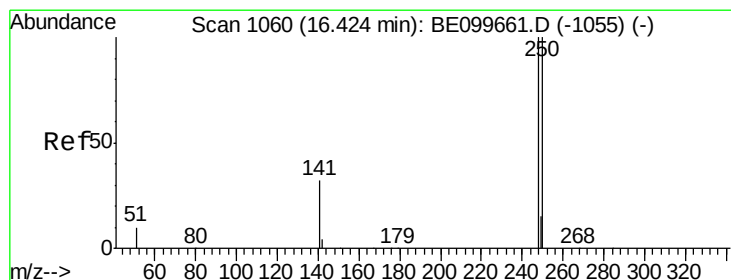
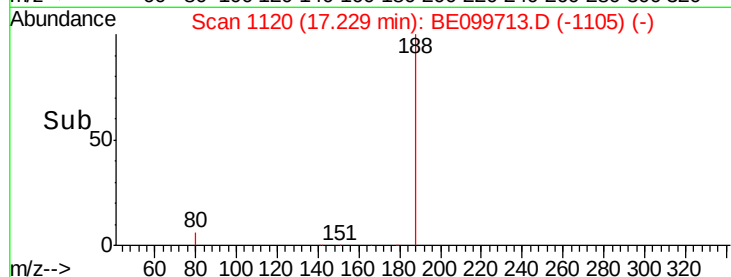
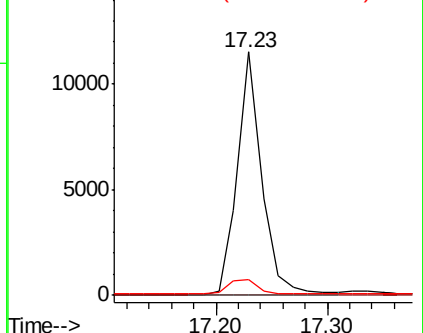
80 6.5 6.7 10.1#



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: 0.360 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

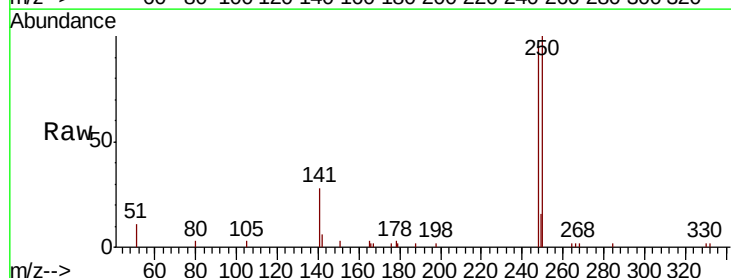
Tgt Ion:248 Resp: 3622

Ion Ratio Lower Upper

248 100

250 104.7 79.8 119.8

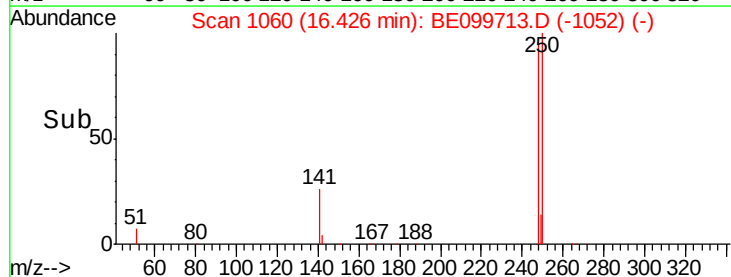
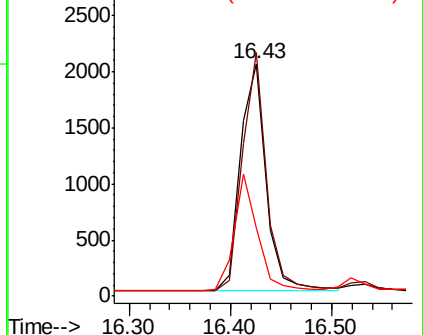
141 29.1 27.0 40.6

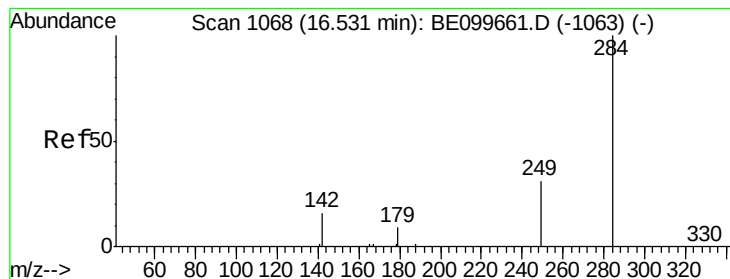


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.377 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

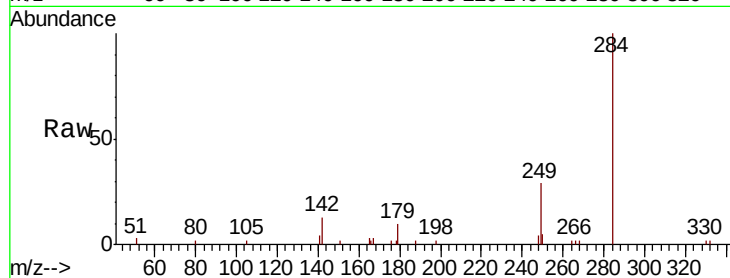
Tot Ion:284 Resp: 3888

Ion Ratio Lower Upper

284 100

142 22.5 17.8 26.6

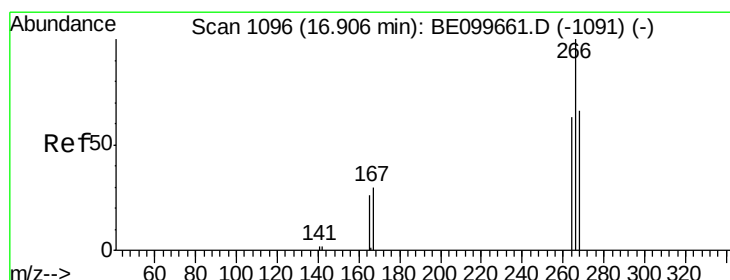
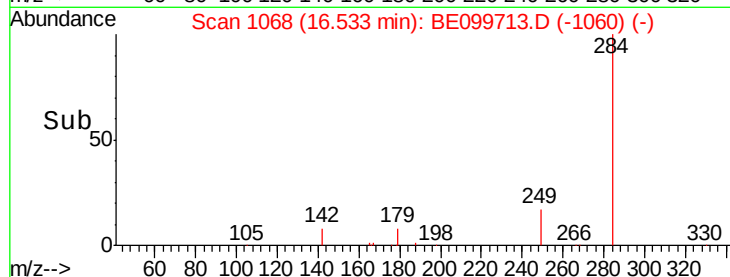
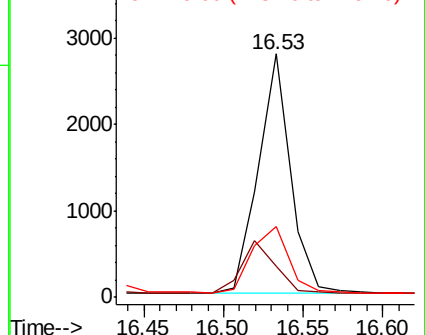
249 31.2 24.8 37.2



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: 0.418 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

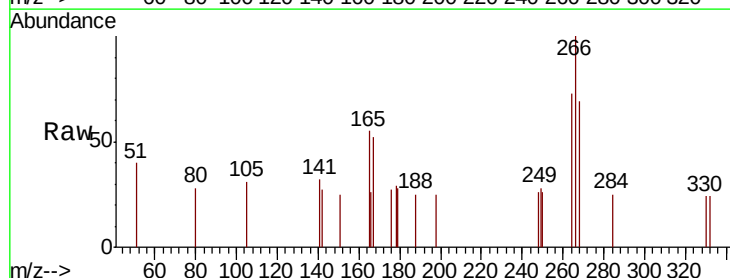
Tgt Ion:266 Resp: 754

Ion Ratio Lower Upper

266 100

264 72.6 57.2 85.8

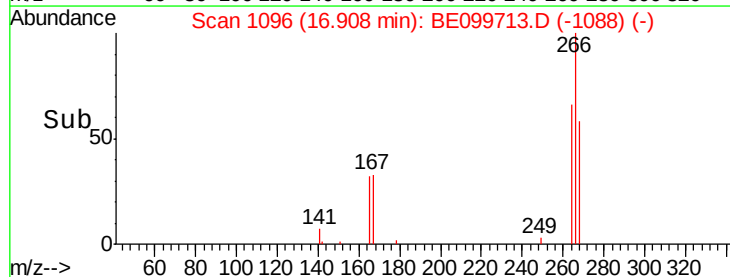
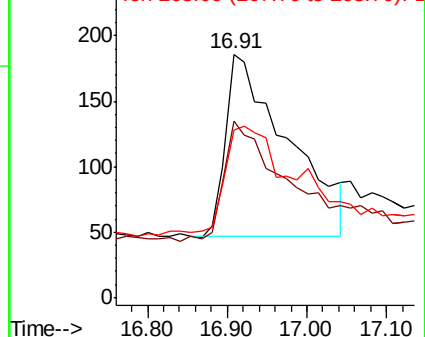
268 68.8 60.5 90.7

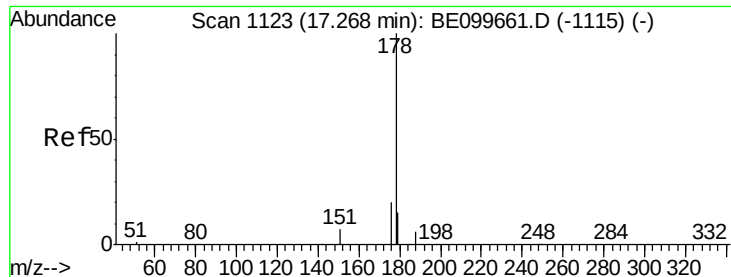


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.369 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

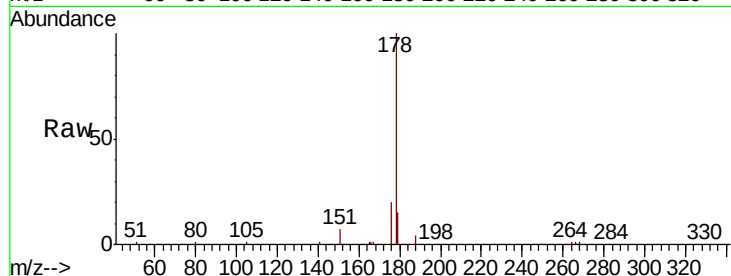
Tot Ion:178 Resp: 15734

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

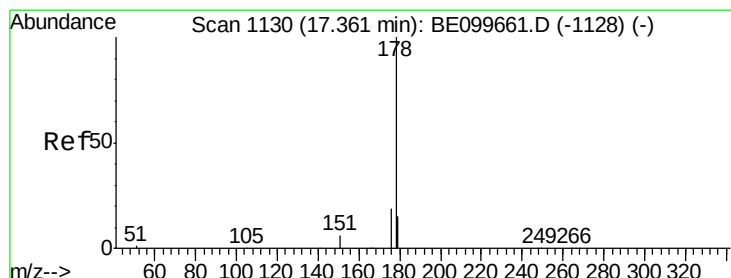
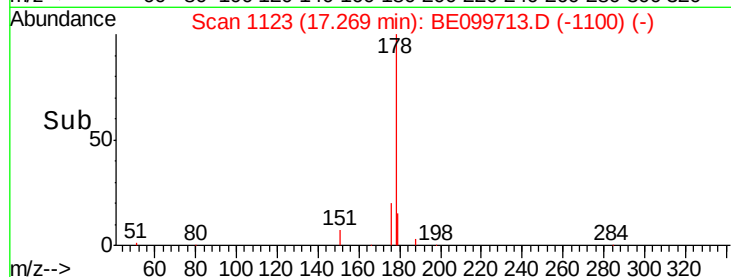
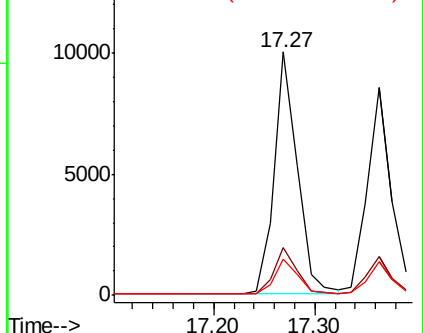
179 15.0 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.359 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

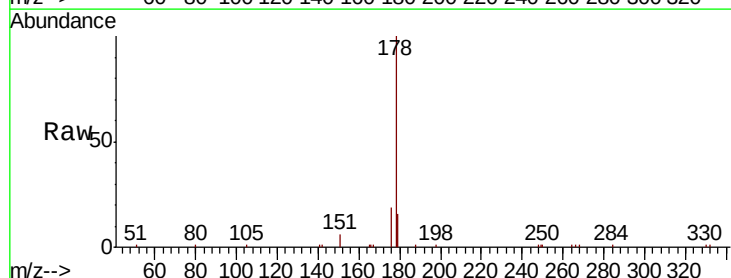
Tgt Ion:178 Resp: 13903

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

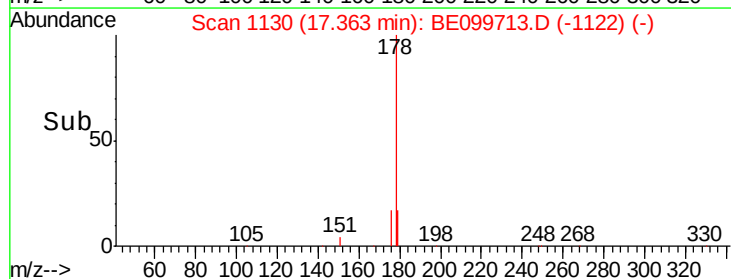
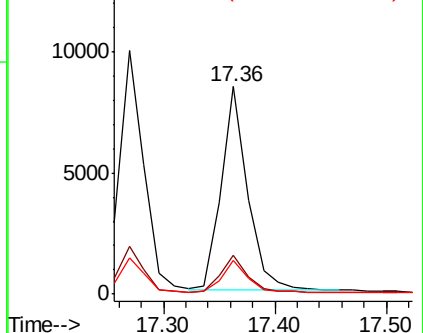
179 14.9 12.0 18.0

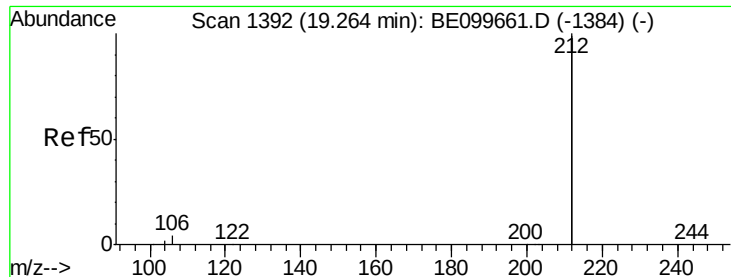


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.332 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

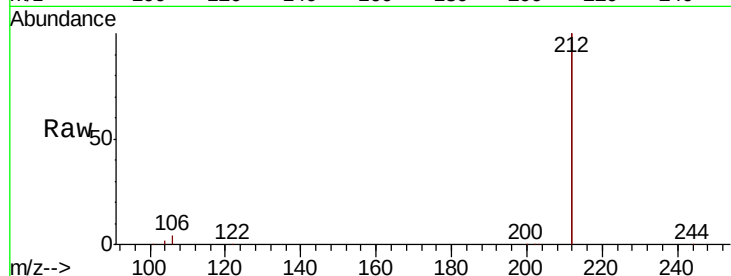
Tot Ion:212 Resp: 79109

Ion Ratio Lower Upper

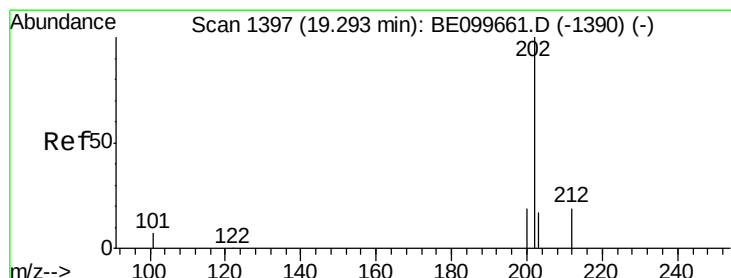
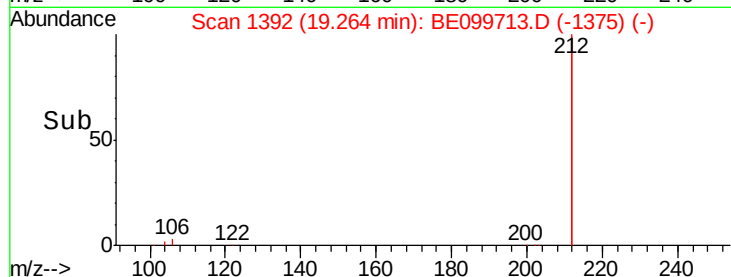
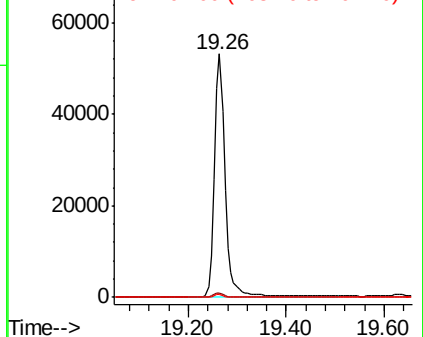
212 100

106 1.8 1.4 2.2

104 1.1 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.342 ng

RT: 19.29 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

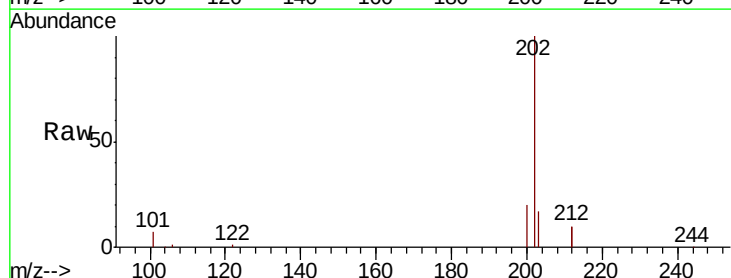
Tgt Ion:202 Resp: 23093

Ion Ratio Lower Upper

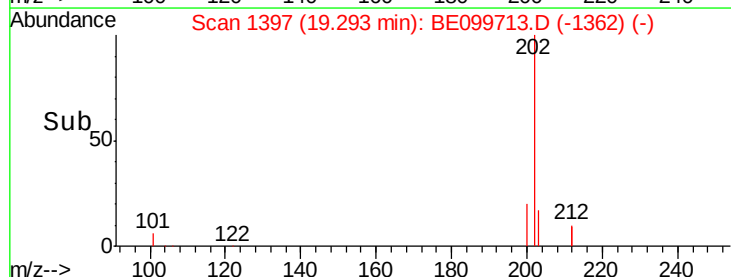
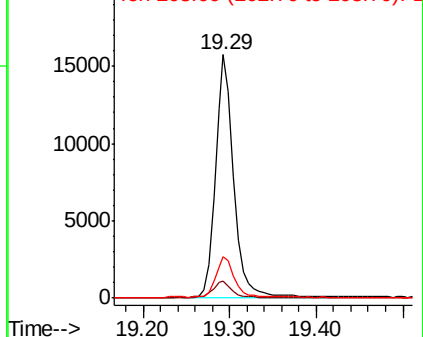
202 100

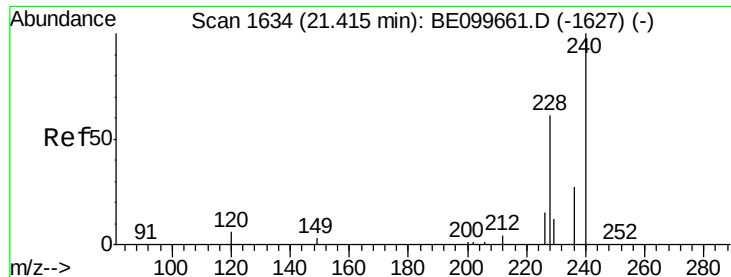
101 6.8 5.2 7.8

203 16.6 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: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

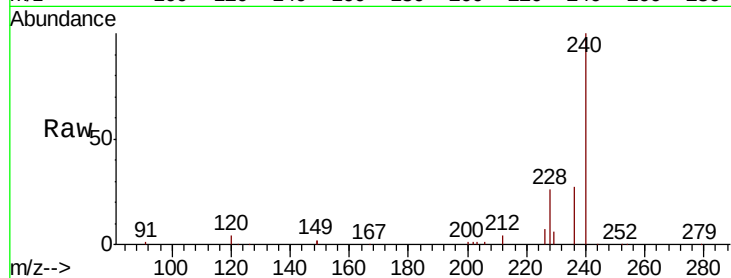
Tot Ion:240 Resp: 23551

Ion Ratio Lower Upper

240 100

120 3.8 5.4 8.0#

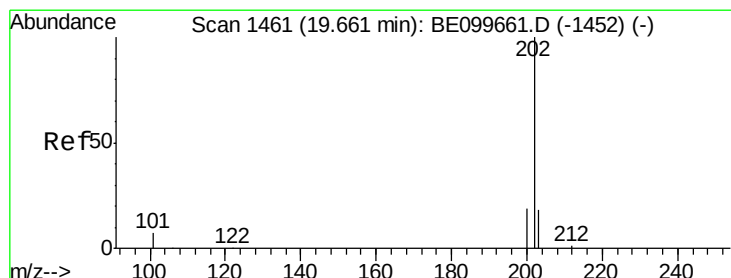
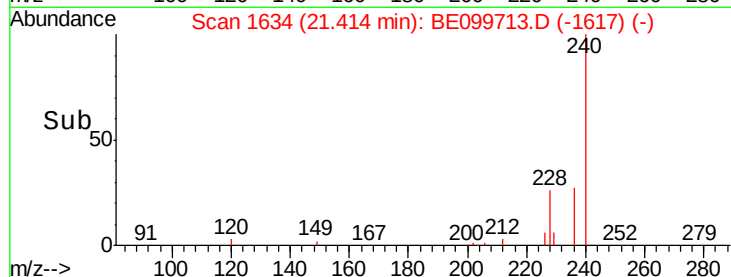
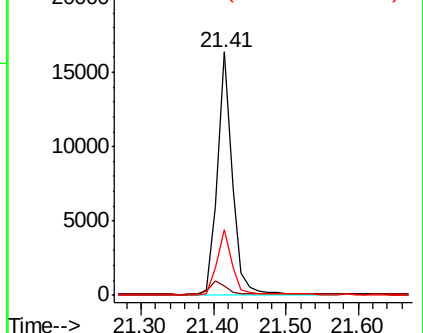
236 27.2 21.7 32.5



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: 0.400 ng

RT: 19.65 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

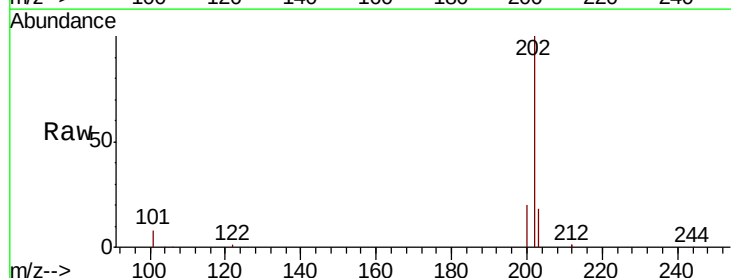
Tgt Ion:202 Resp: 23692

Ion Ratio Lower Upper

202 100

200 19.5 15.4 23.2

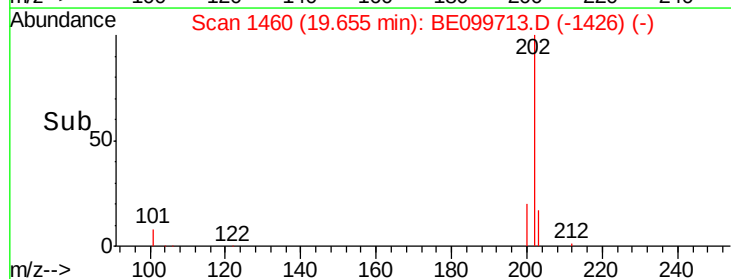
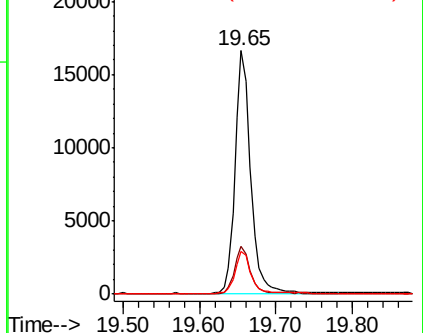
203 17.4 13.8 20.8

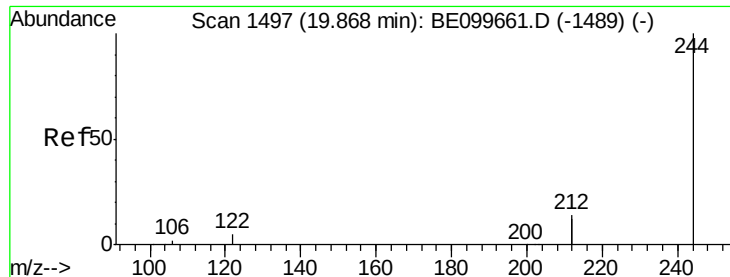


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.380 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

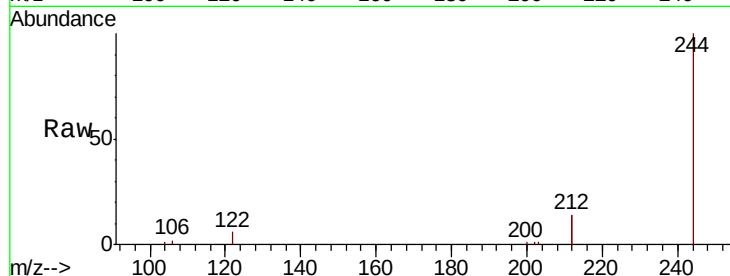
Tot Ion:244 Resp: 15980

Ion Ratio Lower Upper

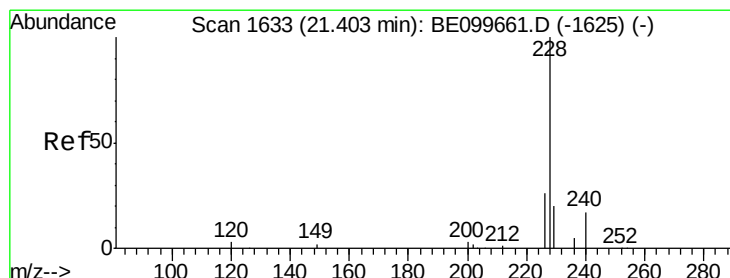
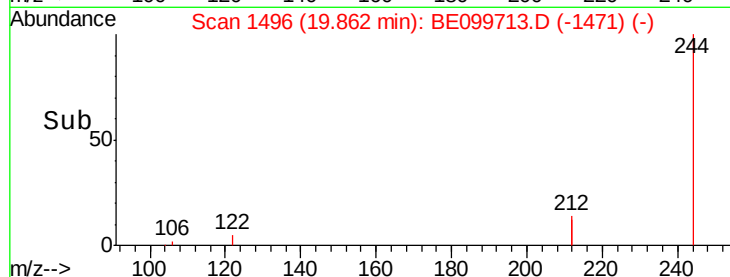
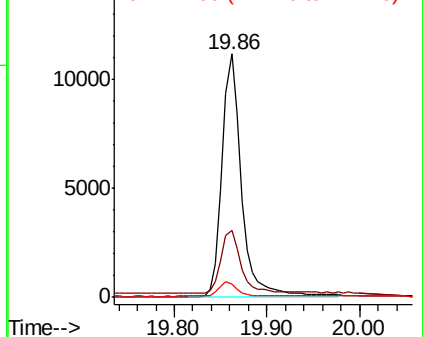
244 100

212 27.7 22.5 33.7

122 5.6 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: 0.405 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

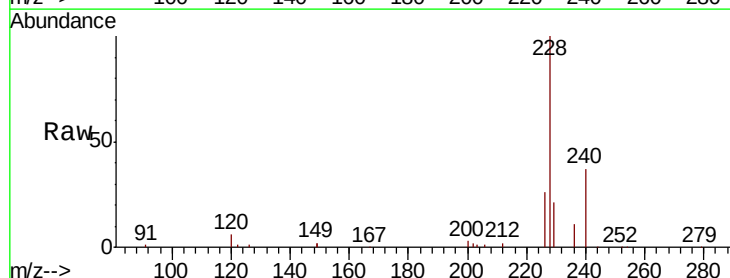
Tgt Ion:228 Resp: 27111

Ion Ratio Lower Upper

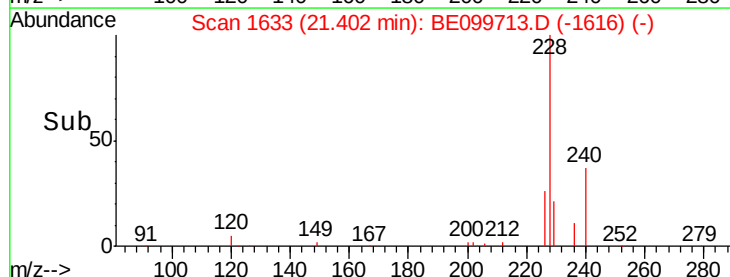
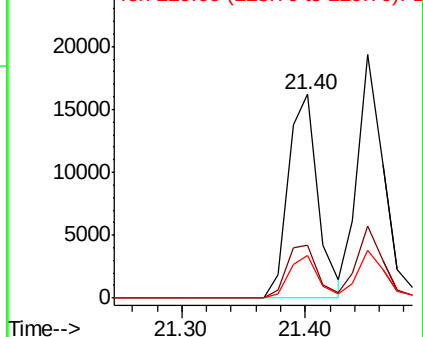
228 100

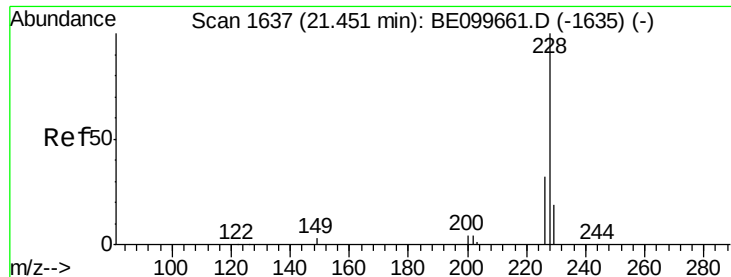
226 26.3 21.3 31.9

229 20.8 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: 0.394 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

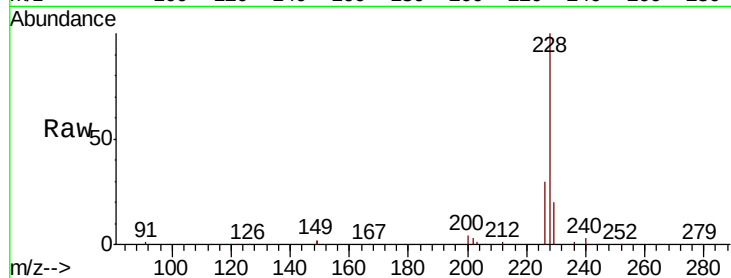
Tot Ion:228 Resp: 28168

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

229 19.6 15.8 23.6

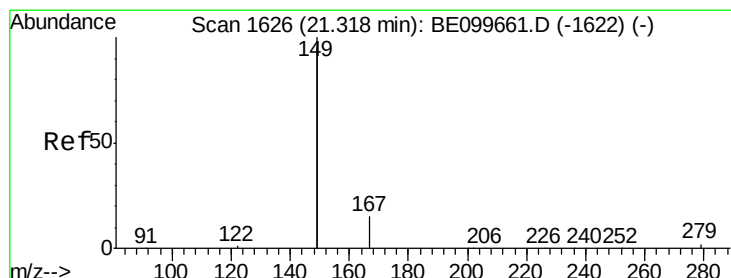
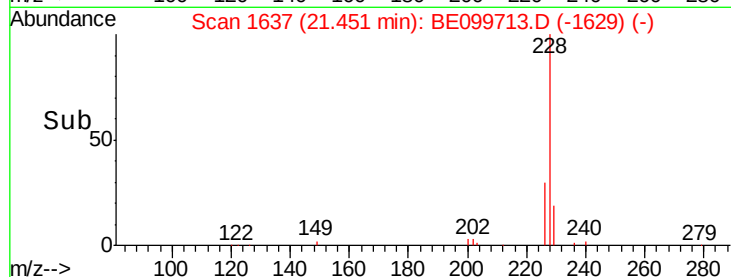
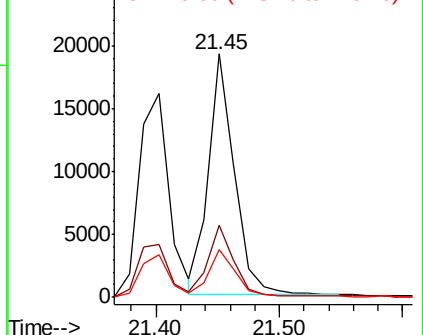


Abundance

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: 0.448 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

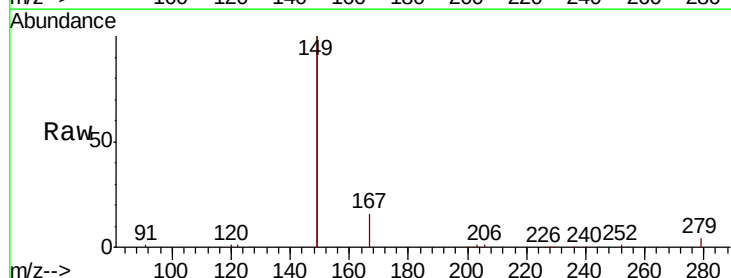
Tgt Ion:149 Resp: 34544

Ion Ratio Lower Upper

149 100

167 7.5 6.2 9.4

279 1.5 1.2 1.8

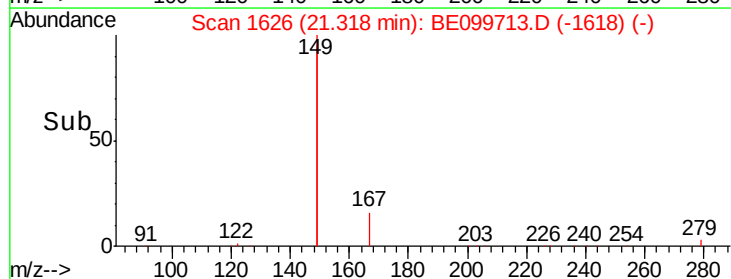
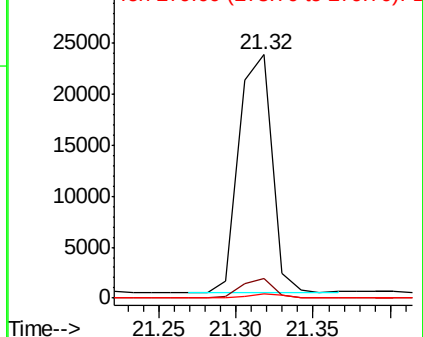


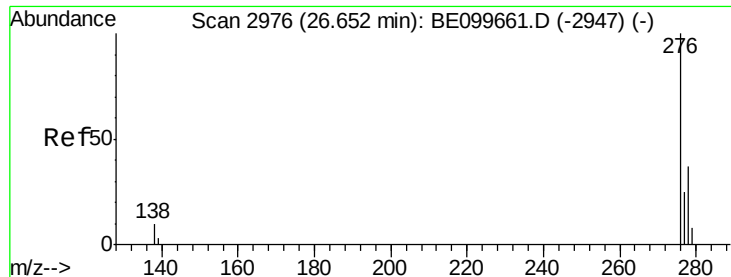
Abundance

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: 0.398 ng

RT: 26.64 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

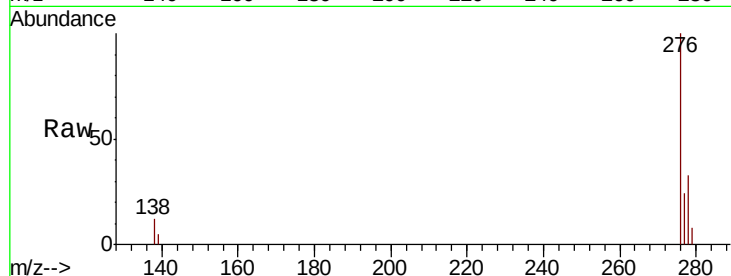
Tot Ion:276 Resp: 34412

Ion Ratio Lower Upper

276 100

138 12.7 9.6 14.4

277 24.1 19.2 28.8

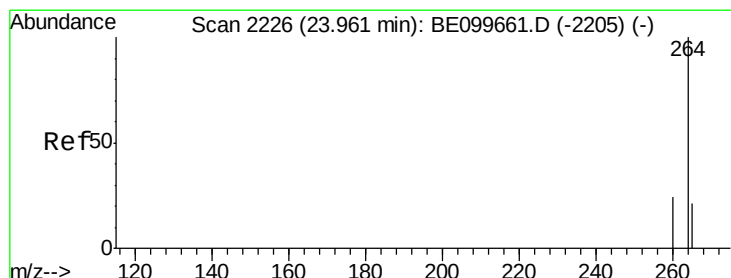
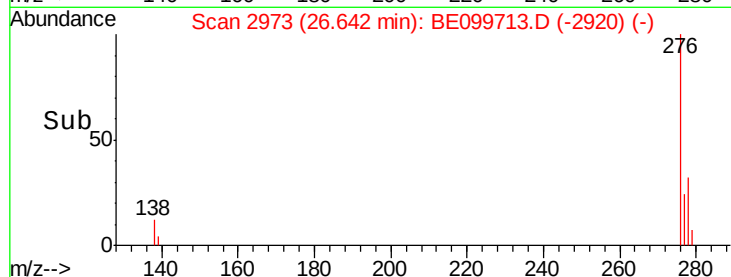
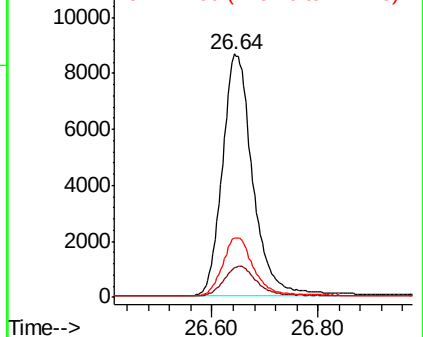


Abundance

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. -0.01 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

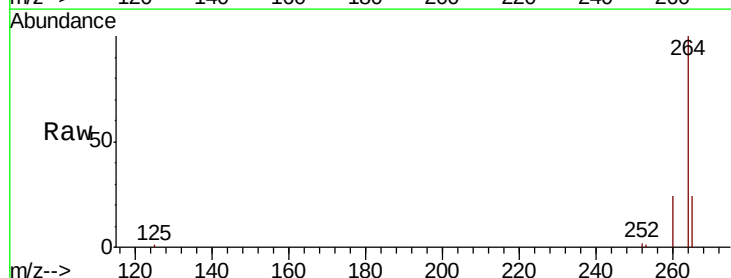
Tgt Ion:264 Resp: 27834

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 24.1 19.1 28.7

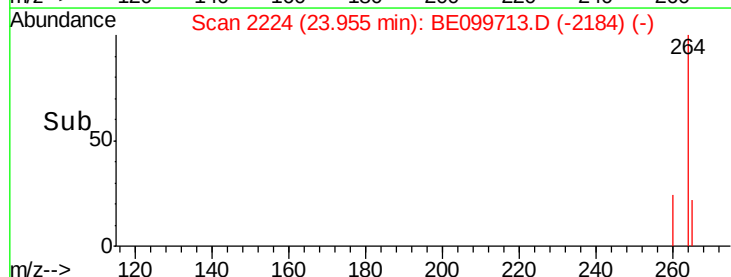
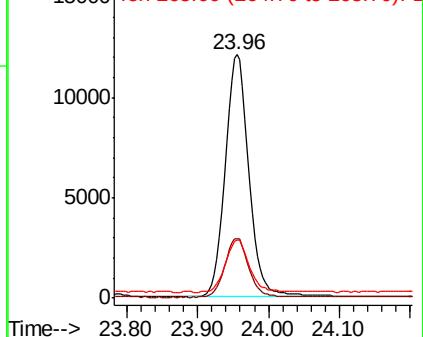


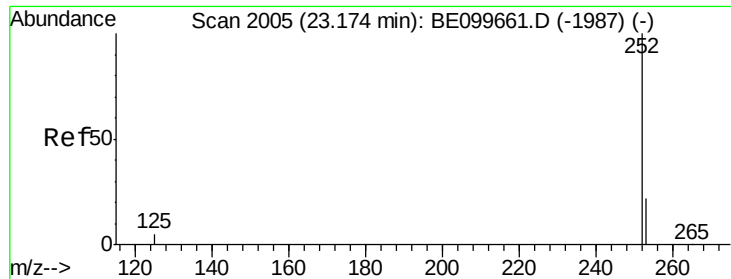
Abundance

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: 0.369 ng

RT: 23.22 min Scan# 2018

Delta R.T. 0.05 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

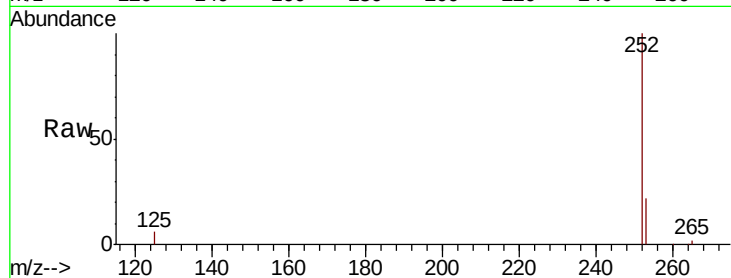
Tot Ion:252 Resp: 28153

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

125 5.7 4.5 6.7

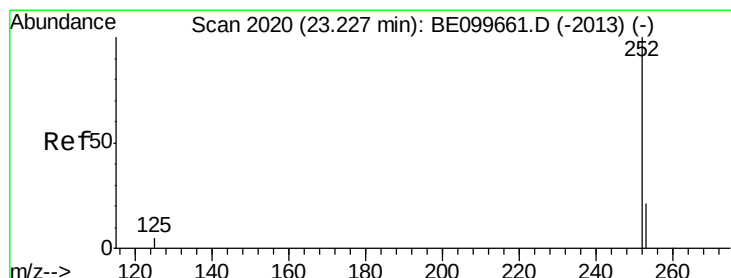
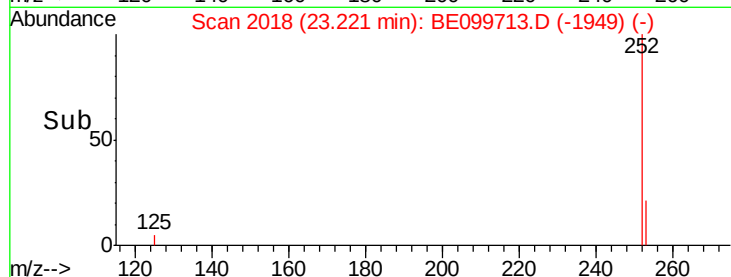
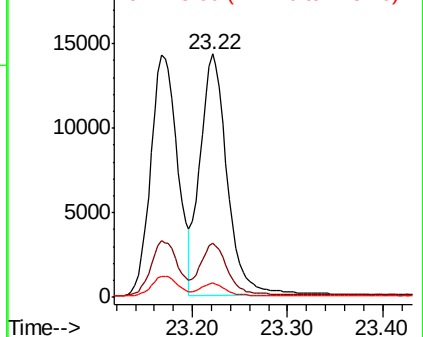


Abundance

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: 0.358 ng

RT: 23.22 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

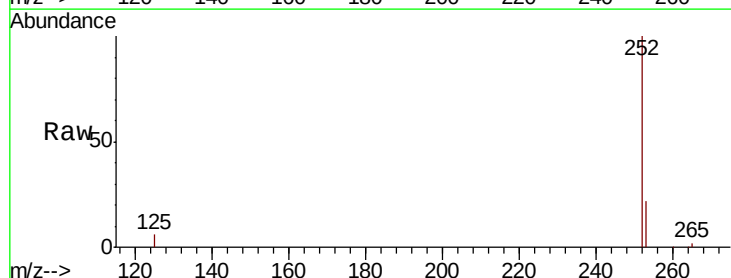
Tgt Ion:252 Resp: 28484

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 5.7 4.6 6.8

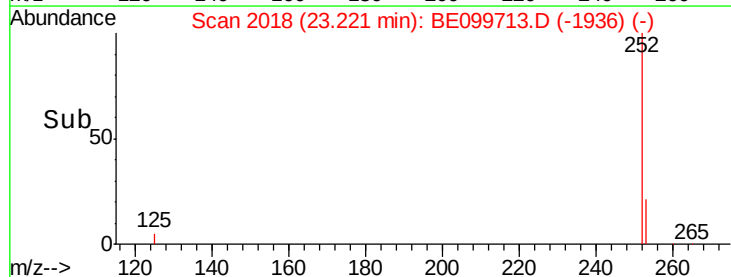
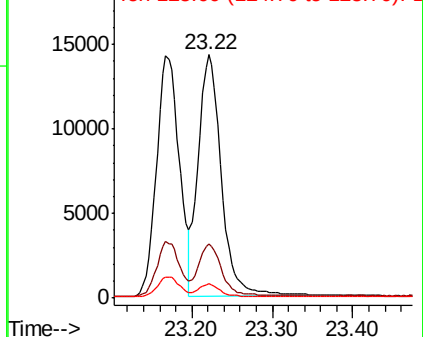


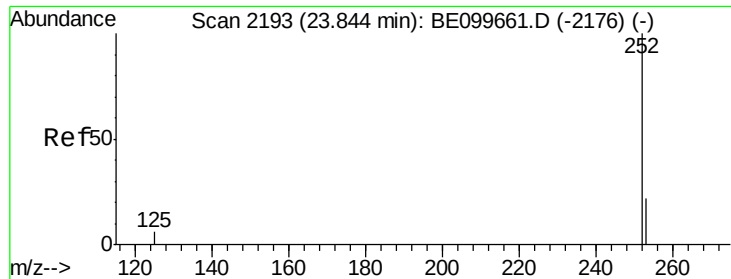
Abundance

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: 0.366 ng

RT: 23.84 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

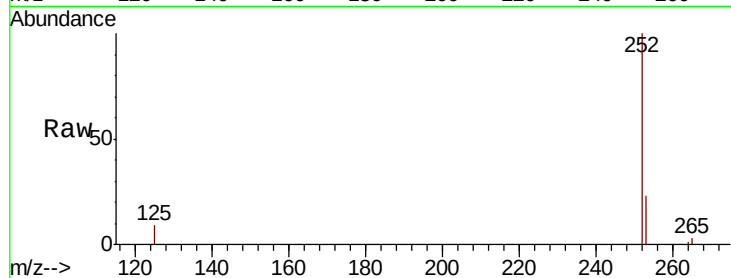
Tot Ion:252 Resp: 26833

Ion Ratio Lower Upper

252 100

253 23.1 18.9 28.3

125 9.3 5.4 8.0#

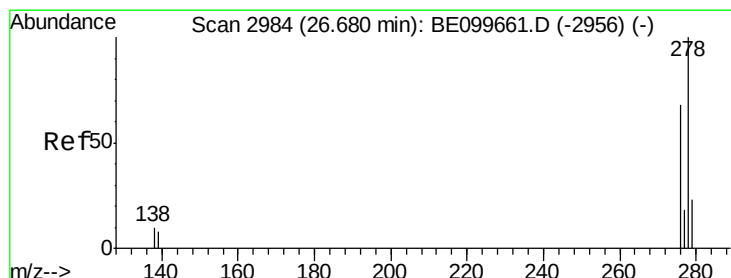
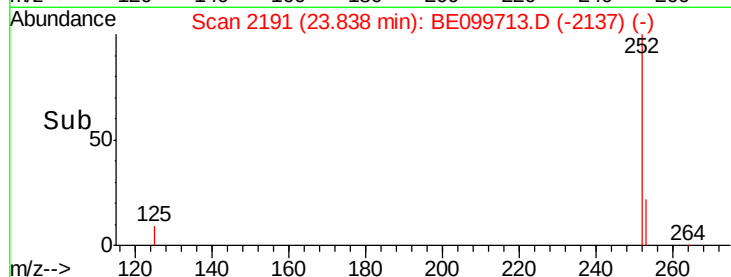
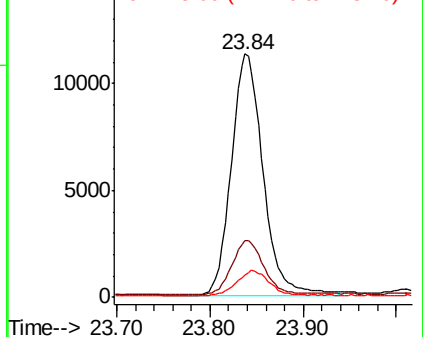


Abundance

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: 0.366 ng

RT: 26.67 min Scan# 2980

Delta R.T. -0.01 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

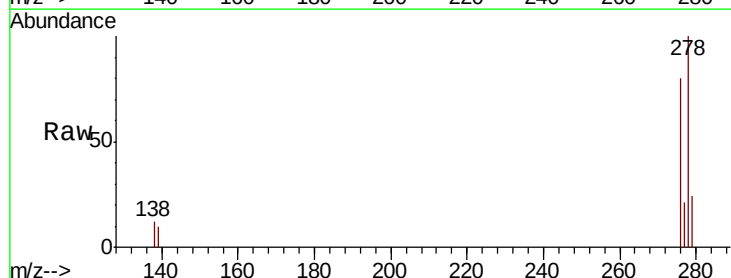
Tgt Ion:278 Resp: 28174

Ion Ratio Lower Upper

278 100

139 10.4 6.9 10.3#

279 24.4 19.2 28.8

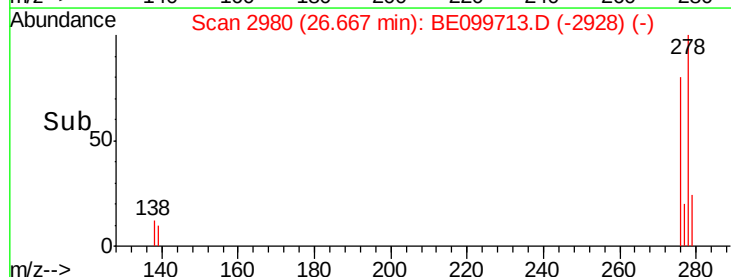
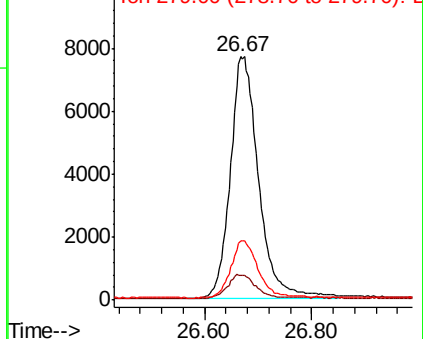


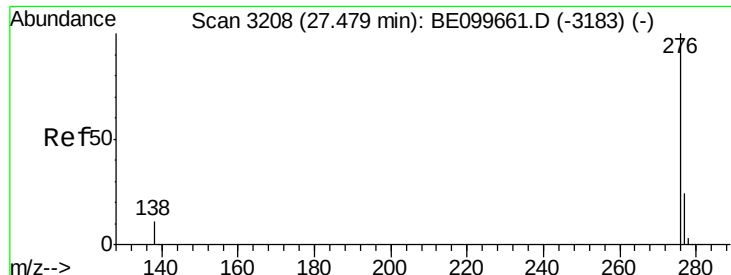
Abundance

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: 0.357 ng

RT: 27.48 min Scan# 3208

Delta R.T. 0.00 min

Lab File: BE099713.D

Acq: 22 May 2019 10:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

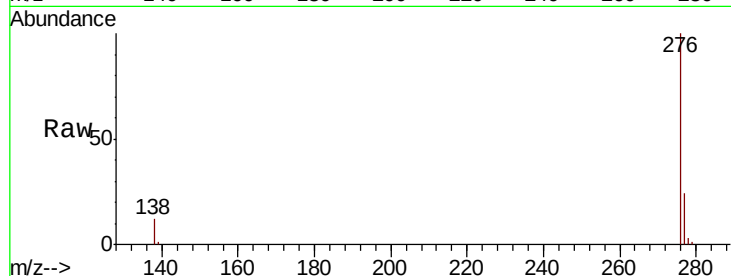
Tot Ion:276 Resp: 27814

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.6

138 11.6 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

