

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099633.D
 Acq On : 16 May 2019 21:28
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 17 07:04:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1981	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	6921	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	5074	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	15224	0.40	ng	0.00
27) Chrysene-d12	21.41	240	19876	0.40	ng	0.00
34) Perylene-d12	23.96	264	23572	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1944	0.35	ng	0.00
5) Phenol-d6	6.98	99	2596	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	2341	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4312	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1140	0.33	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	6917	0.35	ng	0.00
25) Fluoranthene-d10	19.26	212	72591	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	14516	0.41	ng	0.00

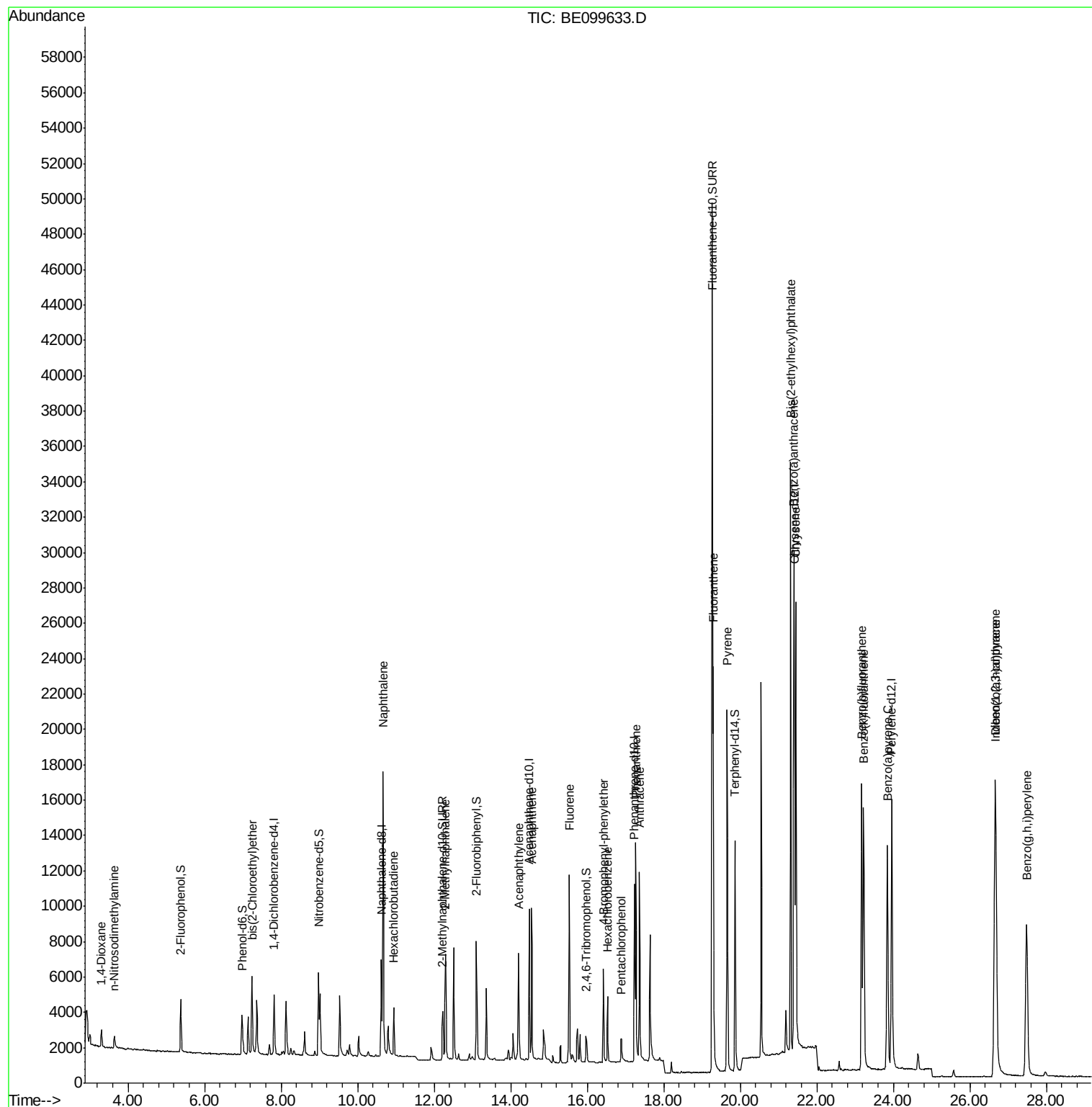
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.30	88	943	0.323	ng	# 83
3) n-Nitrosodimethylamine	3.64	42	520	0.279	ng	# 87
6) bis(2-Chloroethyl)ether	7.24	93	2128	0.355	ng	93
9) Naphthalene	10.67	128	27180	0.369	ng	99
10) Hexachlorobutadiene	10.94	225	2026	0.376	ng	99
12) 2-Methylnaphthalene	12.30	142	4499	0.370	ng	99
16) Acenaphthylene	14.21	152	8370	0.349	ng	99
17) Acenaphthene	14.54	154	4815	0.356	ng	99
18) Fluorene	15.53	166	7094	0.366	ng	99
20) 4-Bromophenyl-phenylether	16.43	248	3144	0.358	ng	97
21) Hexachlorobenzene	16.53	284	3184	0.369	ng	99
22) Pentachlorophenol	16.89	266	1230	0.520	ng	95
23) Phenanthrene	17.27	178	13589	0.360	ng	99
24) Anthracene	17.36	178	11985	0.344	ng	100
26) Fluoranthene	19.29	202	20871	0.365	ng	99
28) Pyrene	19.65	202	21606	0.426	ng	99
30) Benzo(a)anthracene	21.40	228	23516	0.392	ng	100
31) Chrysene	21.45	228	25046	0.405	ng	96
32) Bis(2-ethylhexyl)phthalate	21.32	149	33766	0.365	ng	100
33) Indeno(1,2,3-cd)pyrene	26.66	276	30132	0.391	ng	99
35) Benzo(b)fluoranthene	23.17	252	23981	0.364	ng	100
36) Benzo(k)fluoranthene	23.22	252	24556	0.377	ng	99
37) Benzo(a)pyrene	23.84	252	23278	0.365	ng	98
38) Dibenzo(a,h)anthracene	26.68	278	24552	0.371	ng	# 98
39) Benzo(g,h,i)perylene	27.49	276	24880	0.374	ng	99

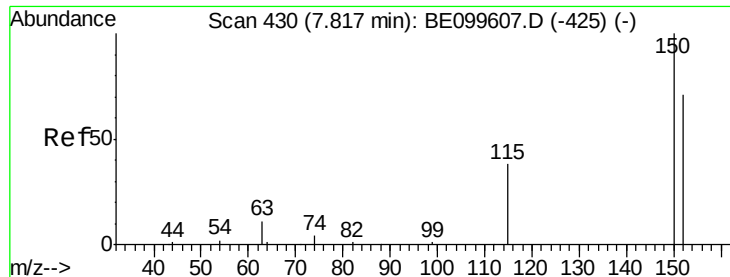
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
Data File : BE099633.D
Acq On : 16 May 2019 21:28
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 17 07:04:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 19:30:50 2019
Response via : Initial Calibration



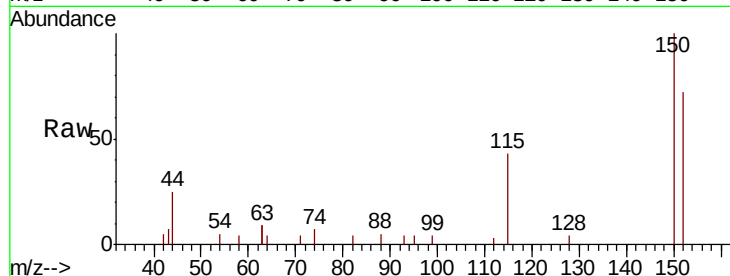


#1

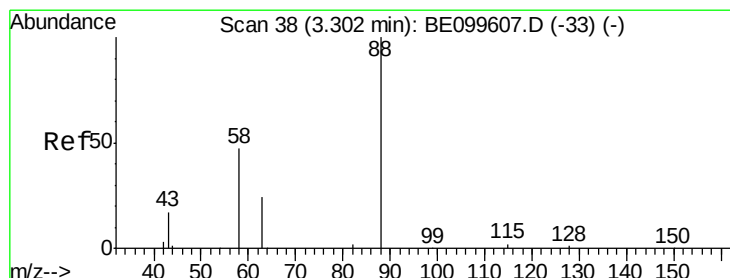
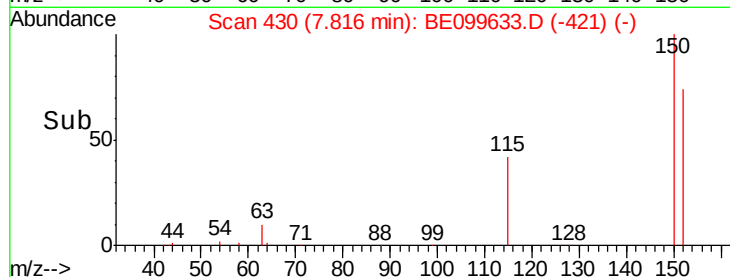
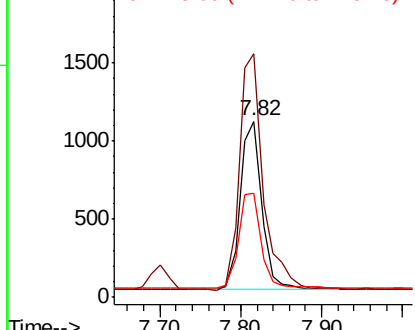
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 1981
Ion Ratio Lower Upper
152 100
150 138.5 110.1 165.1
115 59.0 46.2 69.4



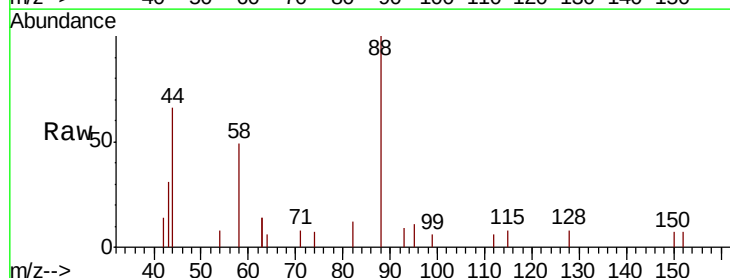
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



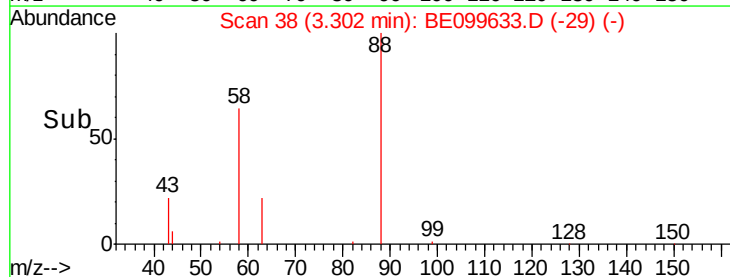
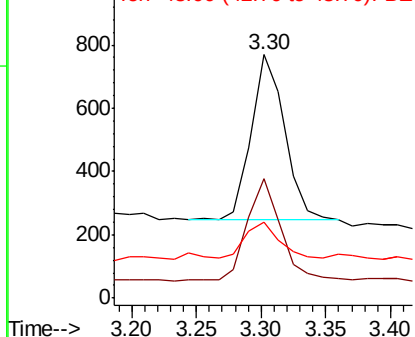
#2

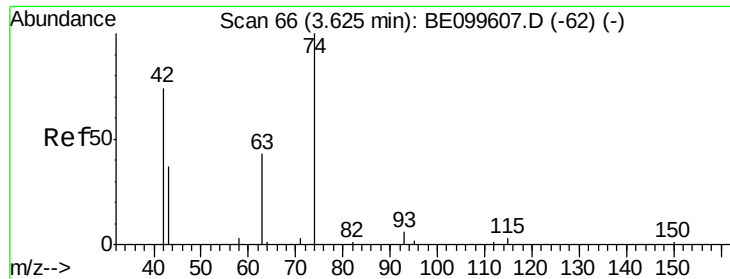
1,4-Dioxane
Concen: 0.323 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion: 88 Resp: 943
Ion Ratio Lower Upper
88 100
58 64.5 39.8 59.6#
43 22.0 21.0 31.6



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: 0.279 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.01 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

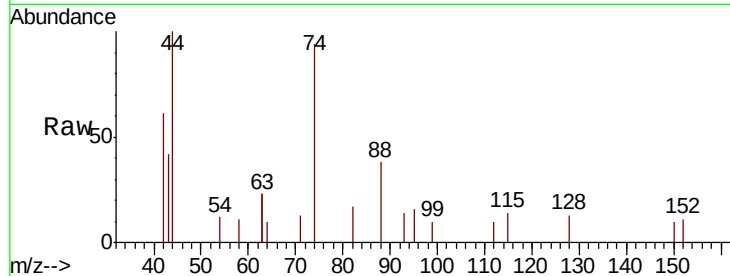
Tgt Ion: 42 Resp: 520

Ion Ratio Lower Upper

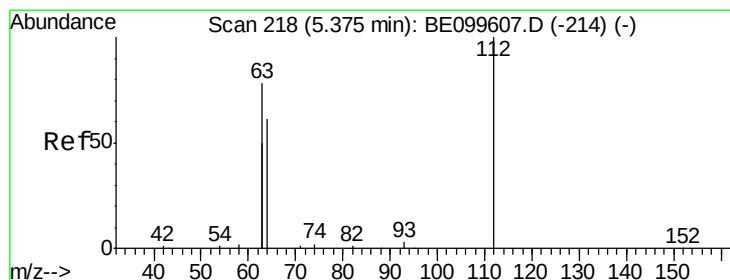
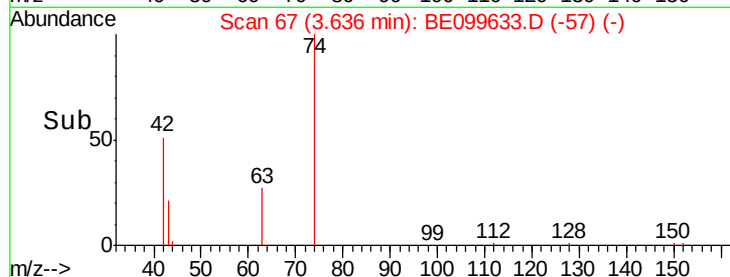
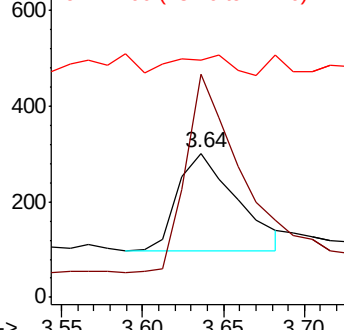
42 100

74 187.3 134.7 202.1

44 19.2 12.5 18.7#



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: 0.346 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

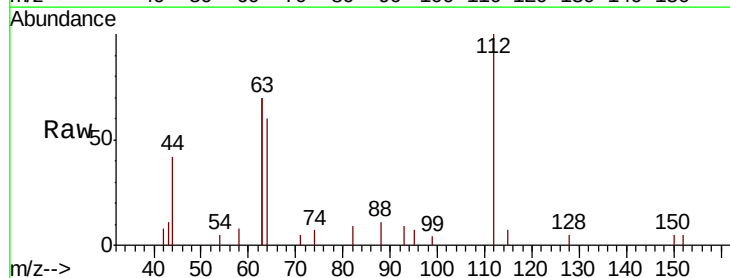
Tgt Ion: 112 Resp: 1944

Ion Ratio Lower Upper

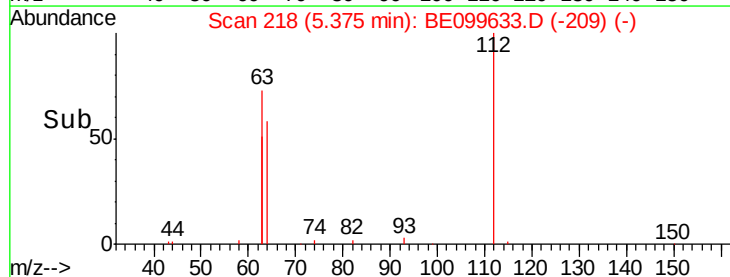
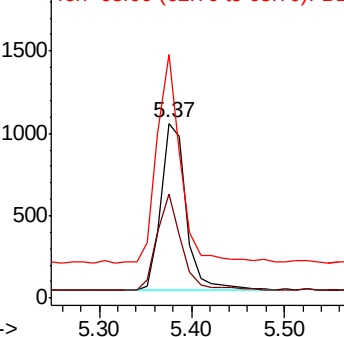
112 100

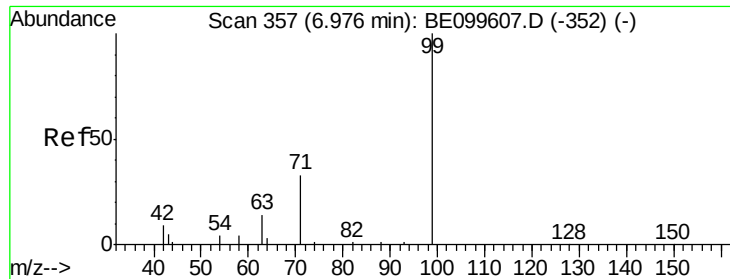
64 55.1 43.7 65.5

63 118.7 94.0 141.0



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: 0.364 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

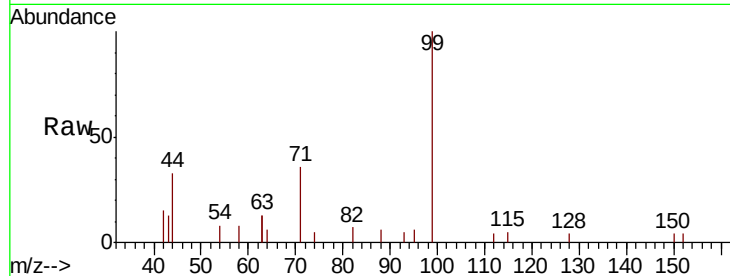
Tgt Ion: 99 Resp: 2596

Ion Ratio Lower Upper

99 100

42 14.0 14.3 21.5#

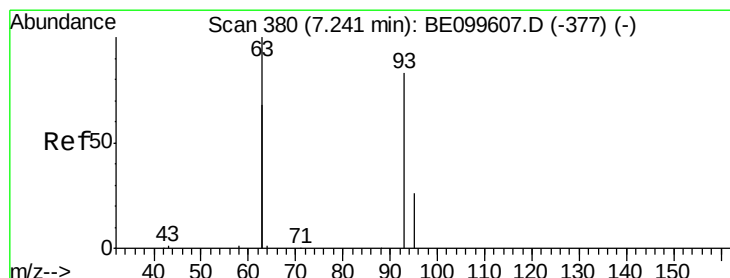
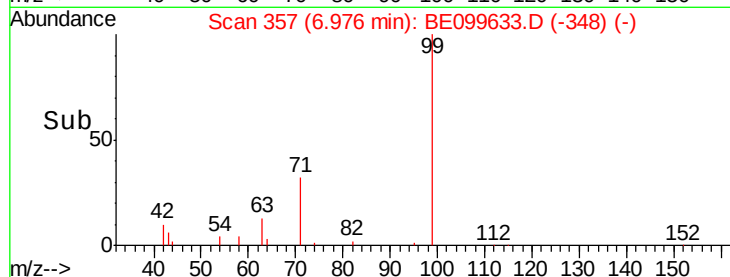
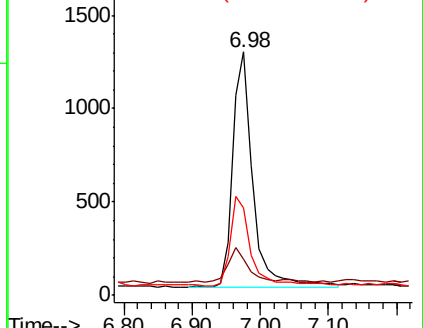
71 38.1 33.1 49.7



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: 0.355 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

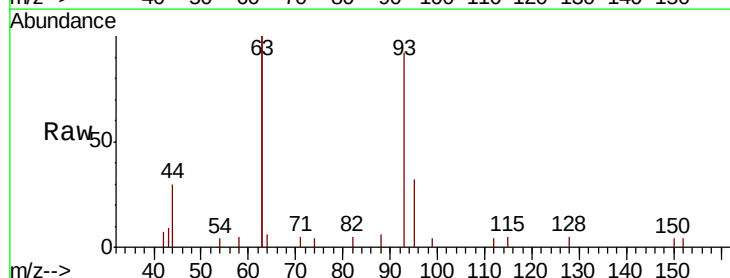
Tgt Ion: 93 Resp: 2128

Ion Ratio Lower Upper

93 100

63 264.2 201.0 301.4

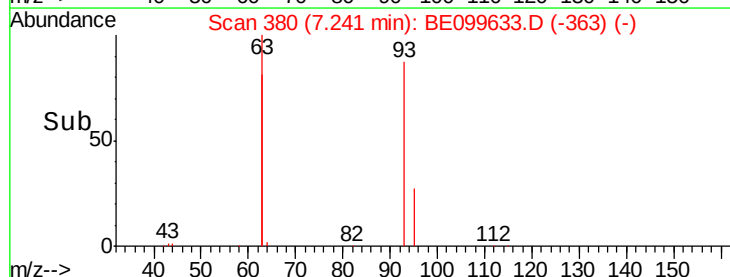
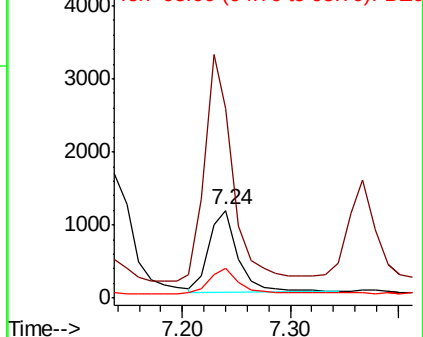
95 31.9 25.0 37.4

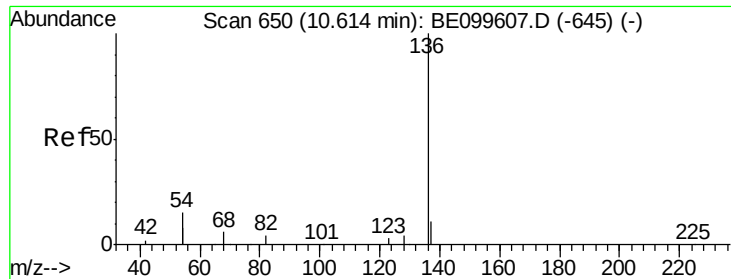


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 6921

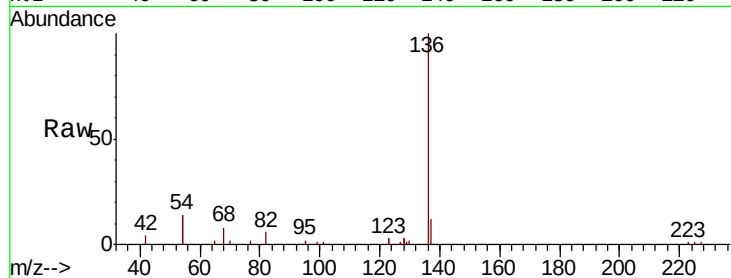
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 27.9 23.8 35.8

68 7.9 6.2 9.2

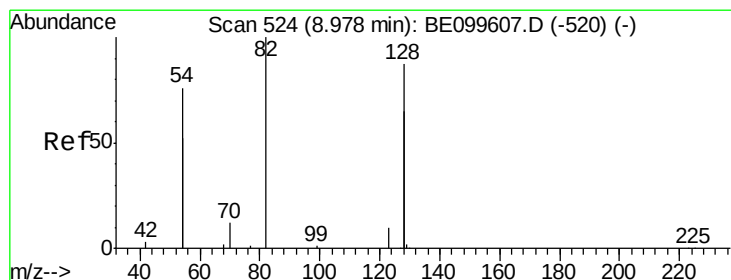
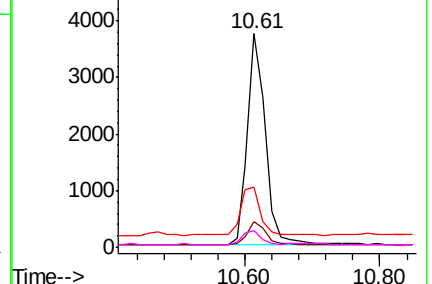
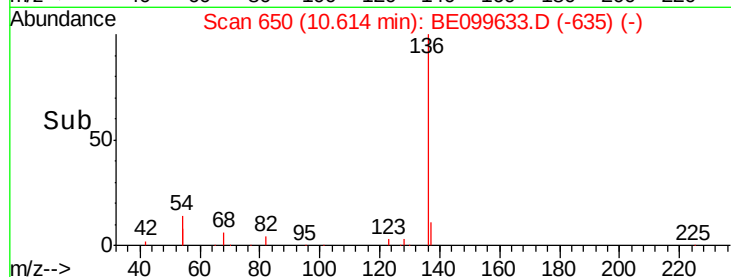


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.349 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

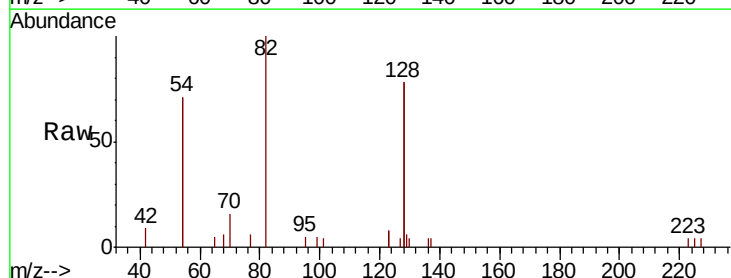
Tgt Ion: 82 Resp: 2341

Ion Ratio Lower Upper

82 100

128 155.6 131.4 197.2

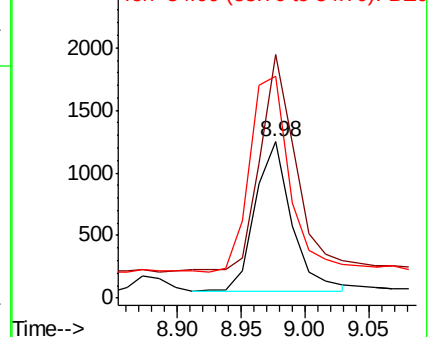
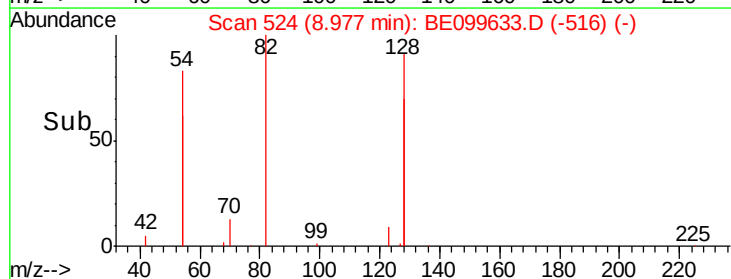
54 141.8 113.9 170.9

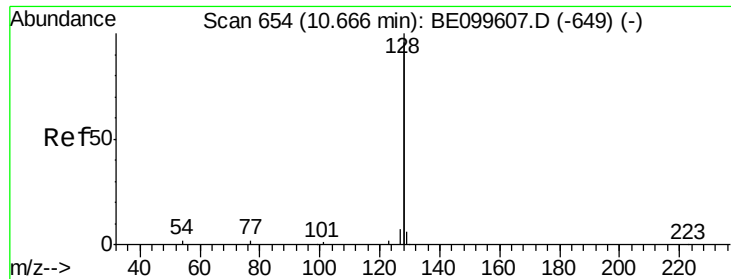


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.369 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

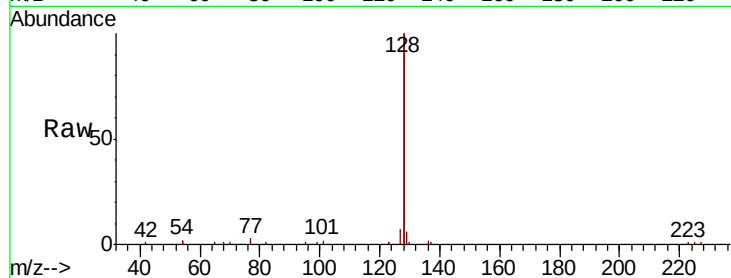
Tgt Ion:128 Resp: 27180

Ion Ratio Lower Upper

128 100

129 3.1 2.6 4.0

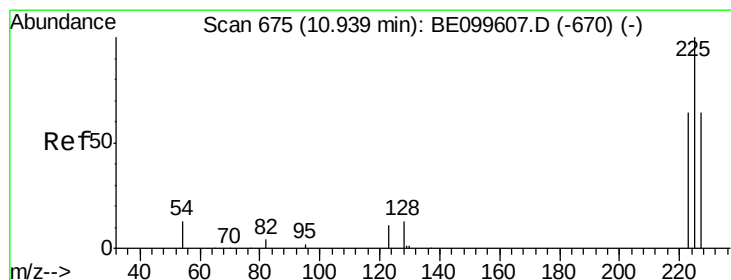
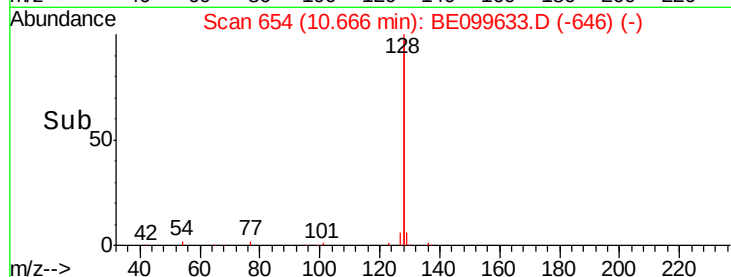
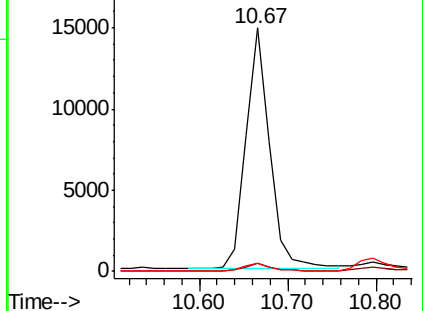
127 3.5 3.0 4.6



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: 0.376 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

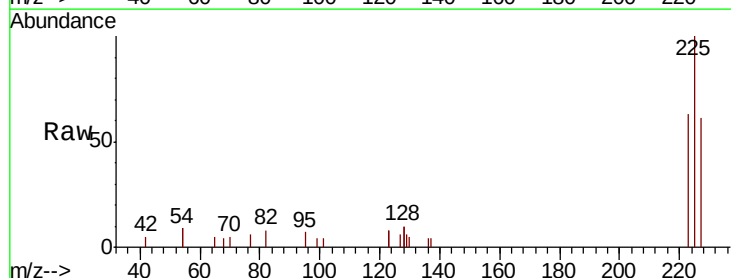
Tgt Ion:225 Resp: 2026

Ion Ratio Lower Upper

225 100

223 61.3 49.8 74.8

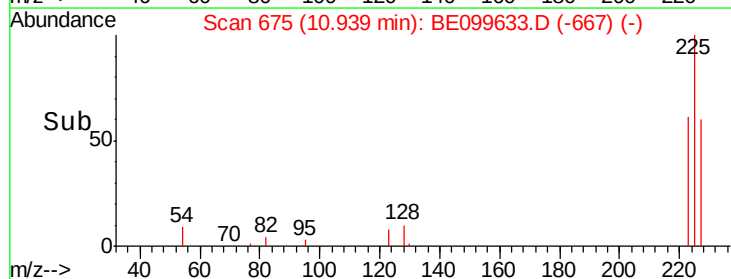
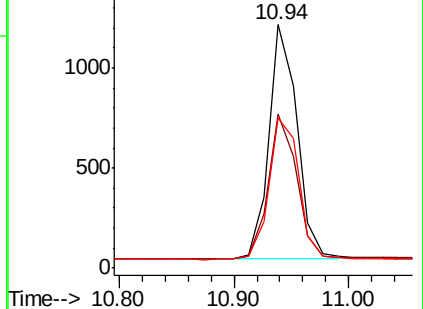
227 64.3 51.2 76.8

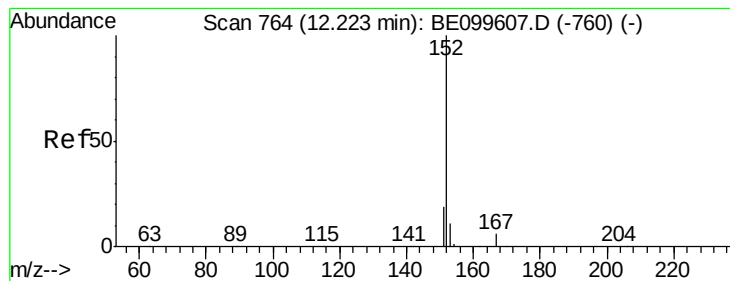


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.370 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

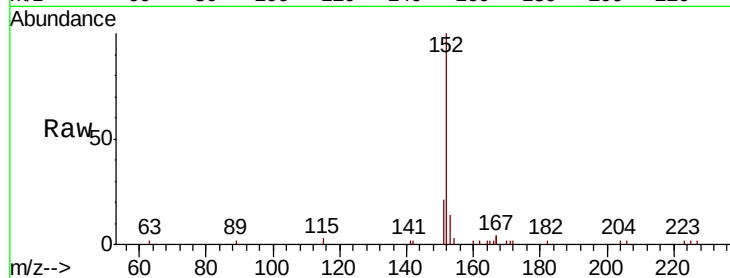
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4312

Ion Ratio Lower Upper

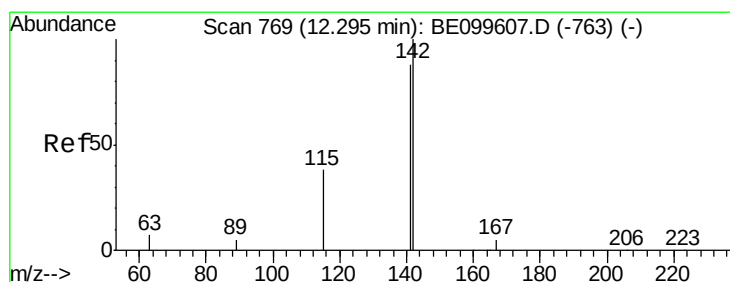
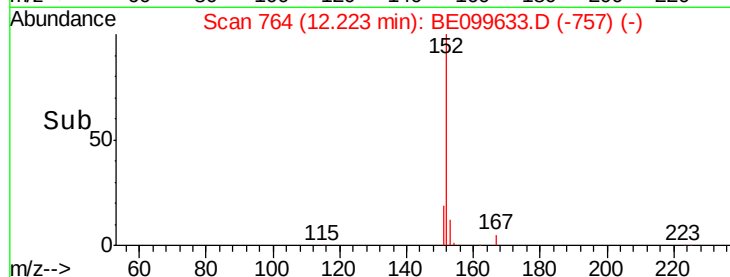
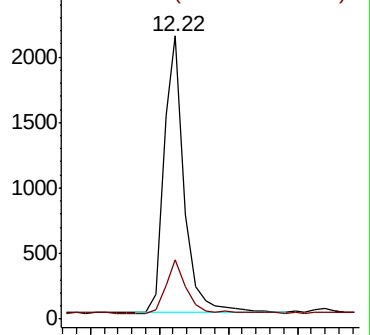
152 100

151 19.5 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.370 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

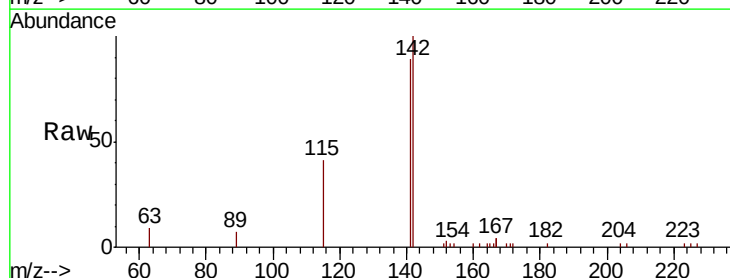
Tgt Ion:142 Resp: 4499

Ion Ratio Lower Upper

142 100

141 89.2 70.4 105.6

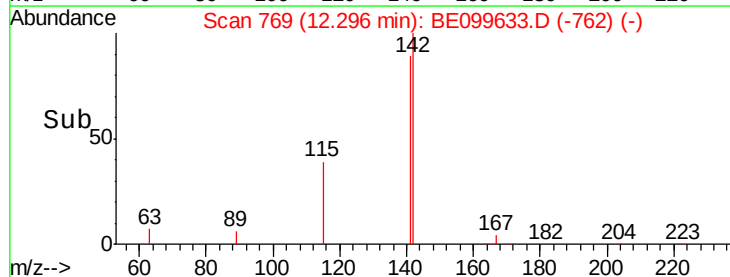
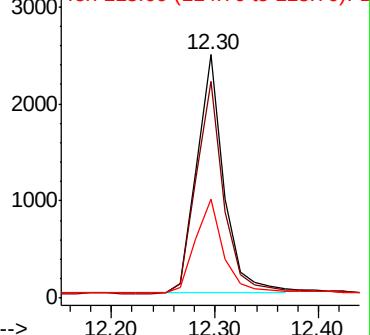
115 40.8 32.2 48.4

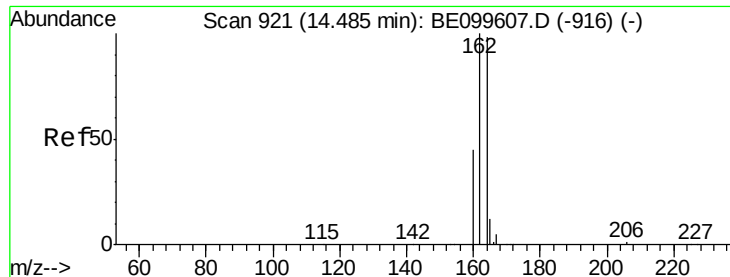


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

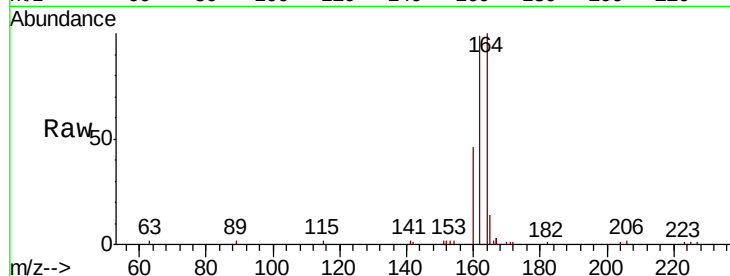




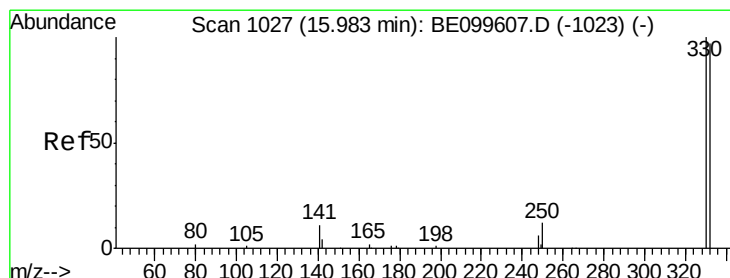
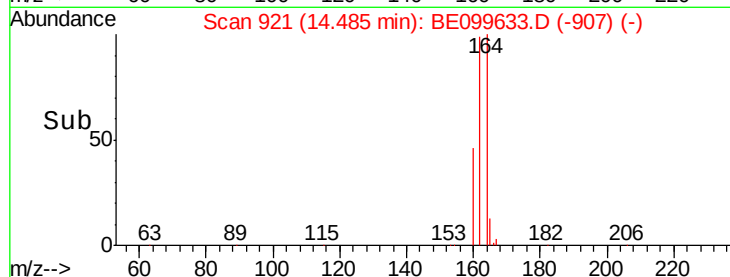
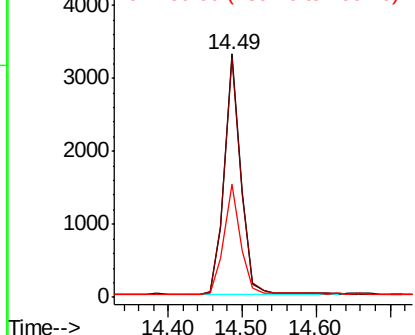
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 5074
Ion Ratio Lower Upper
164 100
162 98.7 81.4 122.0
160 46.3 37.4 56.2

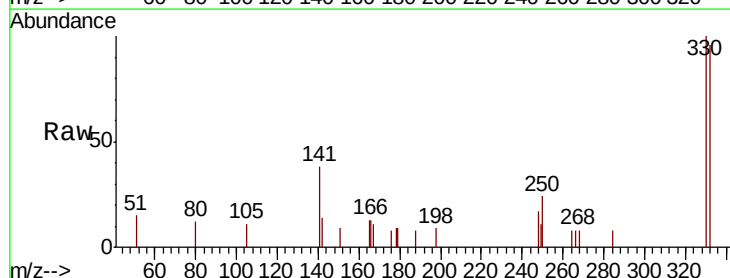


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

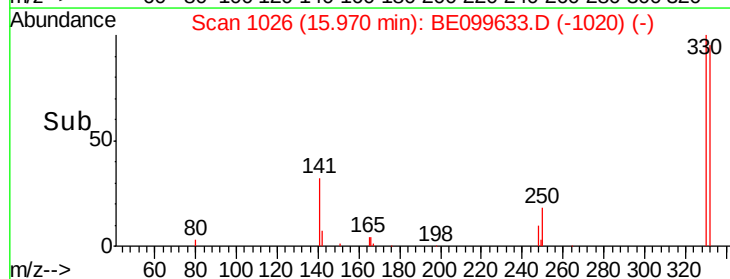
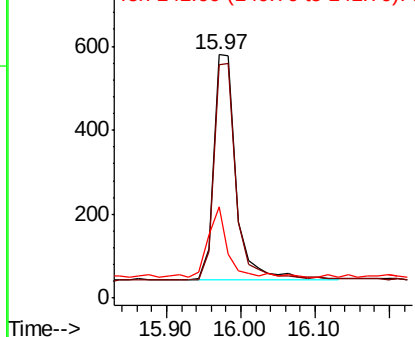


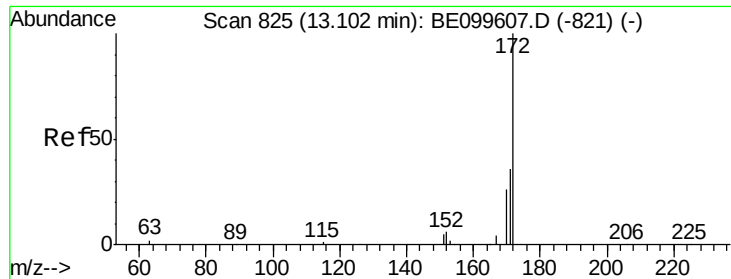
#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:330 Resp: 1140
Ion Ratio Lower Upper
330 100
332 94.6 73.8 110.8
141 27.3 21.0 31.6



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

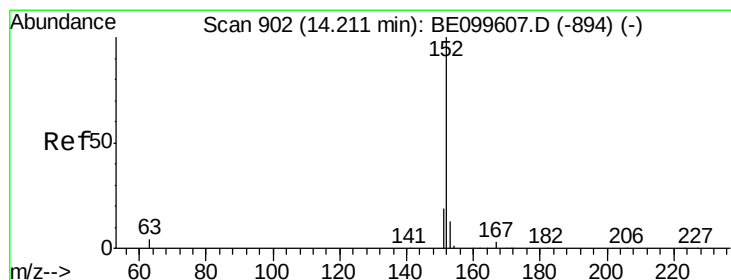
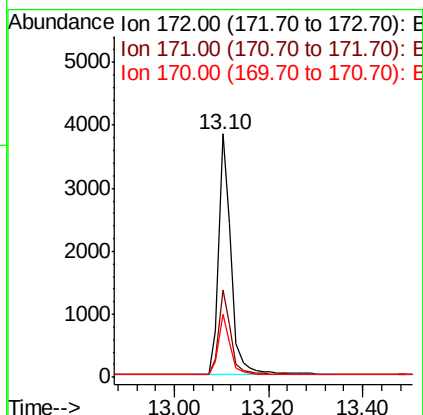
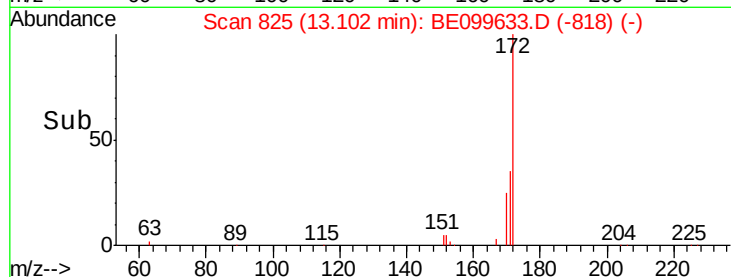
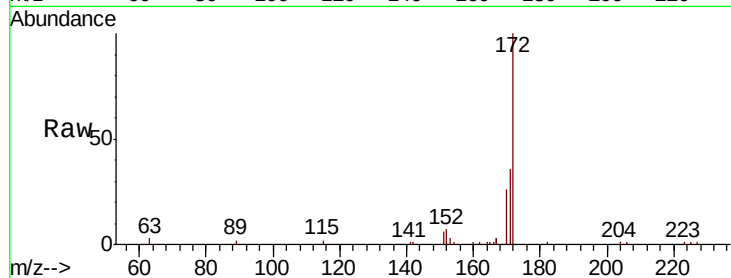




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

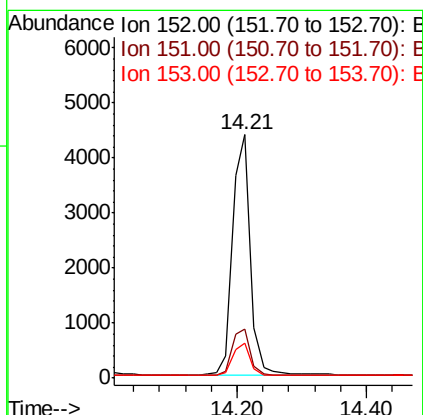
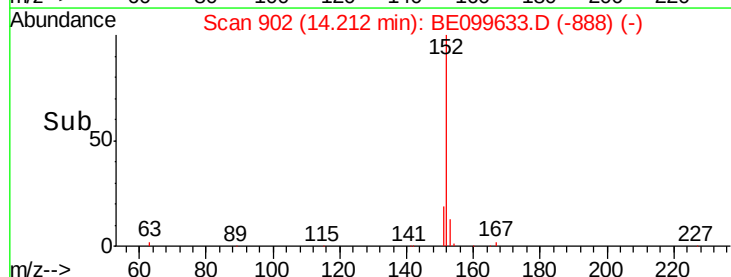
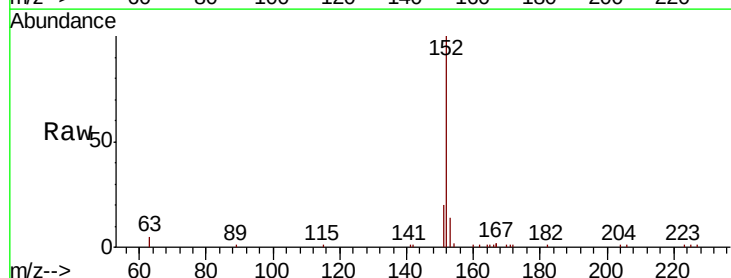
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

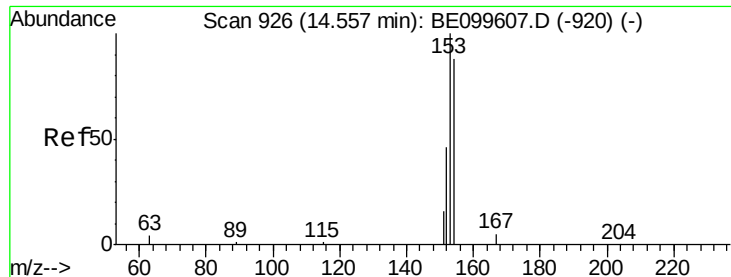
Tgt Ion:172 Resp: 6917
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.2
170 26.1 21.5 32.3



#16
Acenaphthylene
Concen: 0.349 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion:152 Resp: 8370
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.3 10.4 15.6





#17

Acenaphthene

Concen: 0.356 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

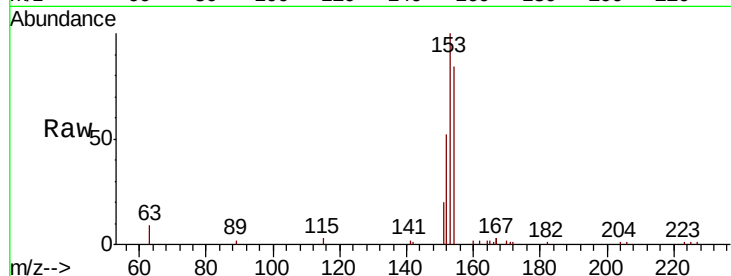
Tgt Ion:154 Resp: 4815

Ion Ratio Lower Upper

154 100

153 117.2 94.1 141.1

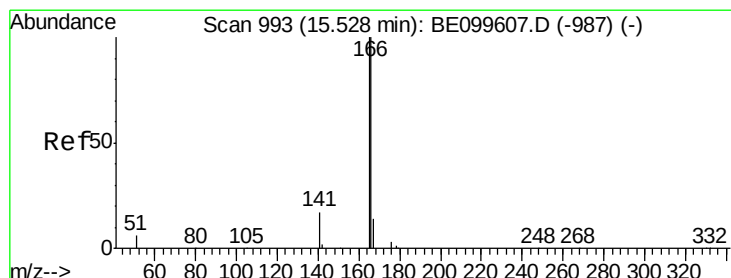
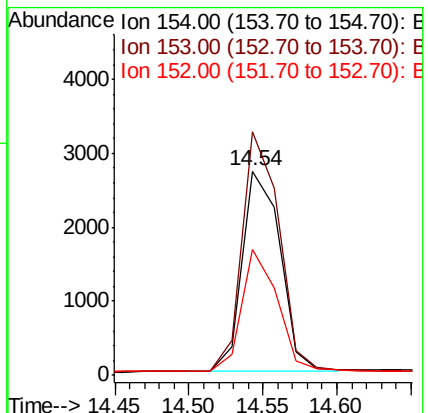
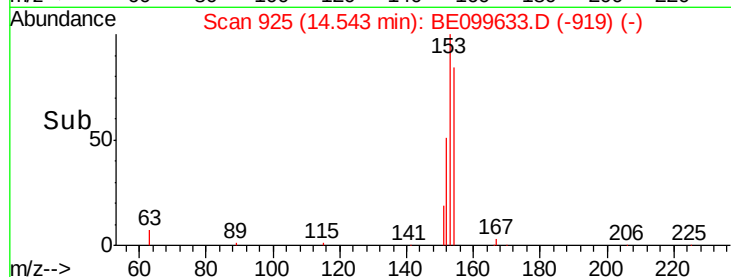
152 57.0 46.5 69.7



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: 0.366 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

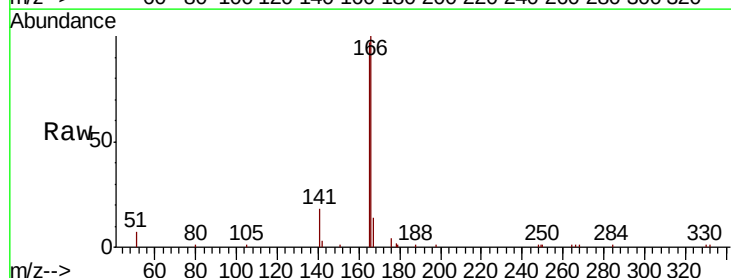
Tgt Ion:166 Resp: 7094

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

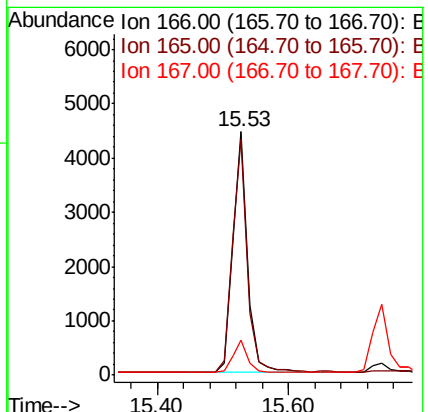
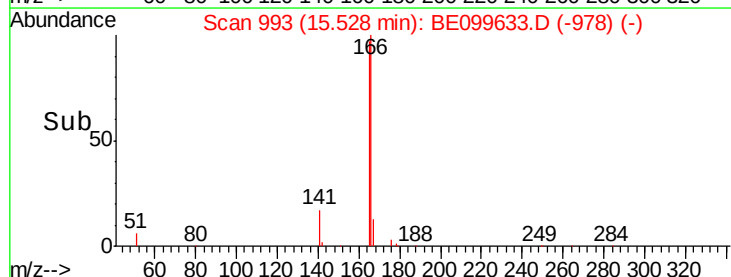
167 13.5 11.2 16.8

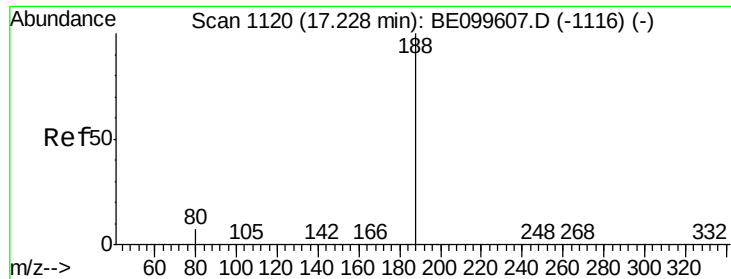


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

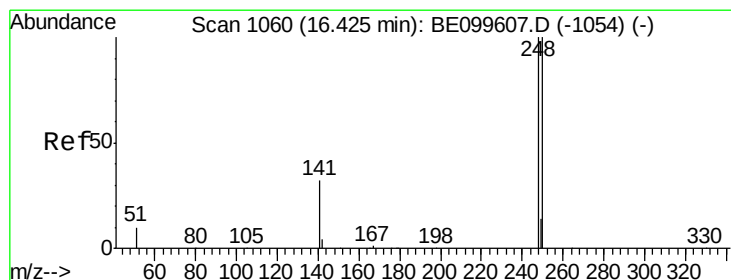
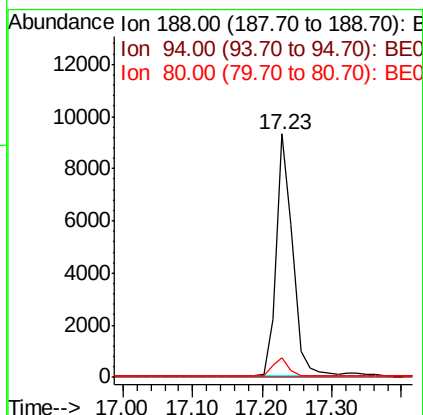
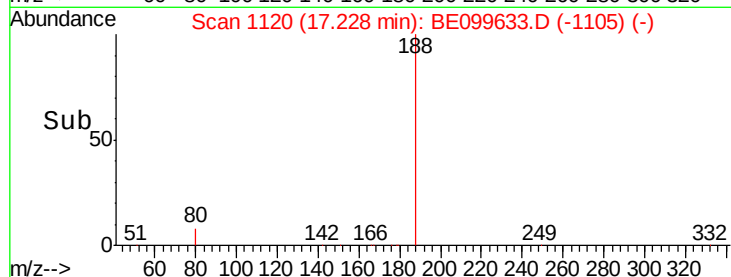
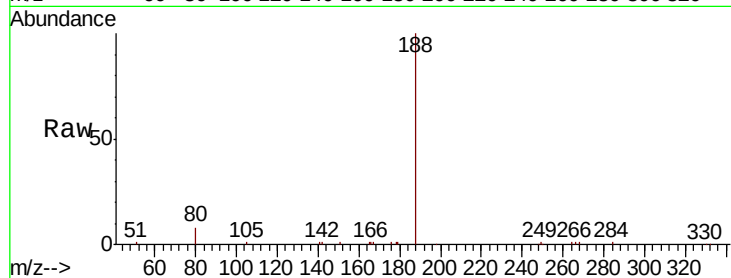
Tgt Ion:188 Resp: 15224

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.2 6.4 9.6



#20

4-Bromophenyl-phenylether

Concen: 0.358 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

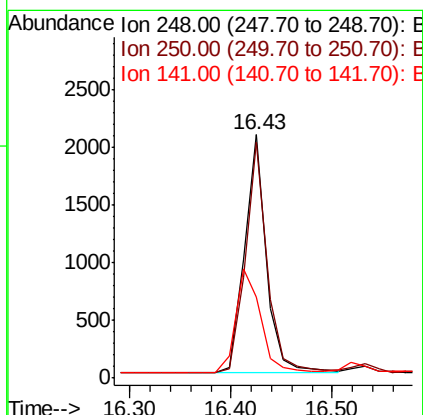
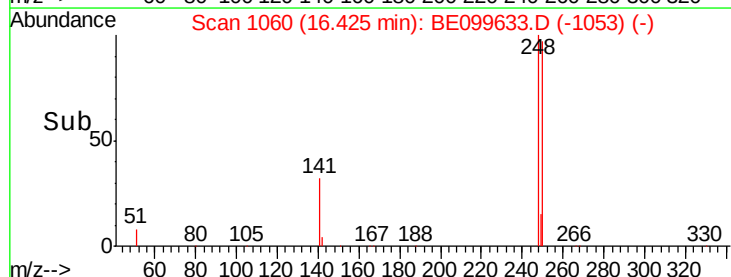
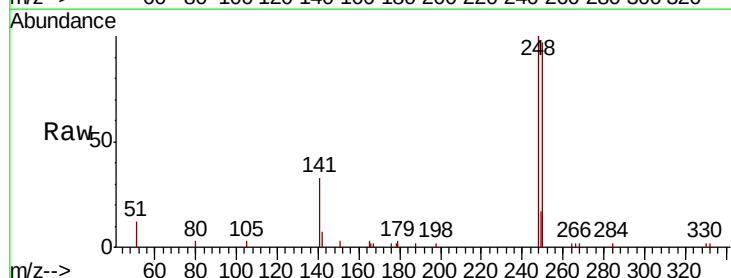
Tgt Ion:248 Resp: 3144

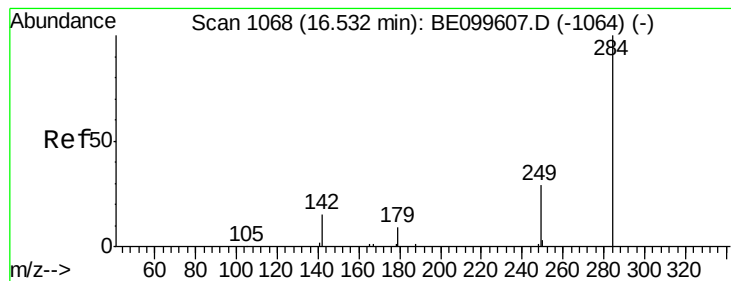
Ion Ratio Lower Upper

248 100

250 96.9 80.4 120.6

141 33.4 27.8 41.8





#21

Hexachlorobenzene

Concen: 0.369 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

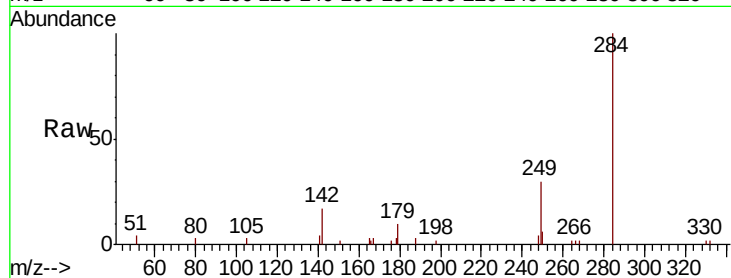
Tgt Ion:284 Resp: 3184

Ion Ratio Lower Upper

284 100

142 24.3 19.4 29.2

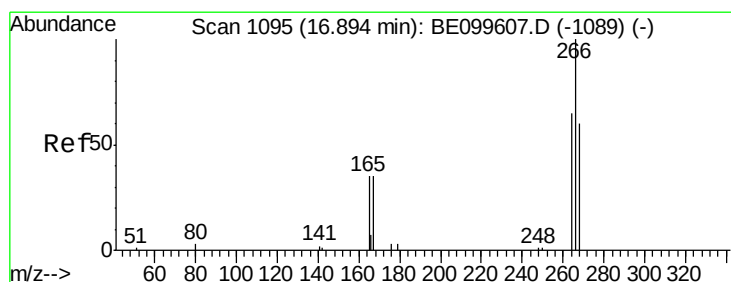
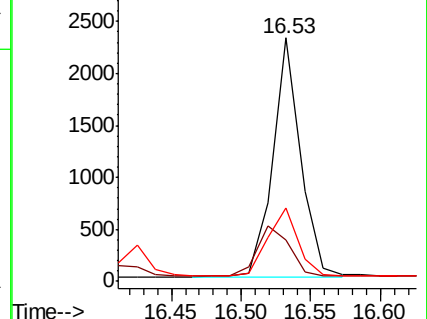
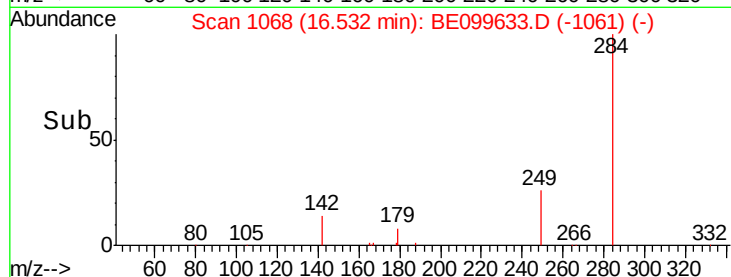
249 31.3 24.6 37.0



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: 0.520 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

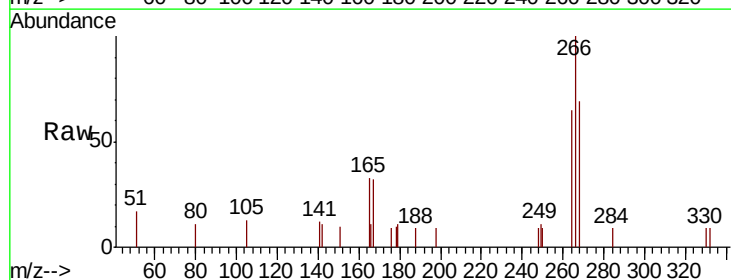
Tgt Ion:266 Resp: 1230

Ion Ratio Lower Upper

266 100

264 64.8 57.7 86.5

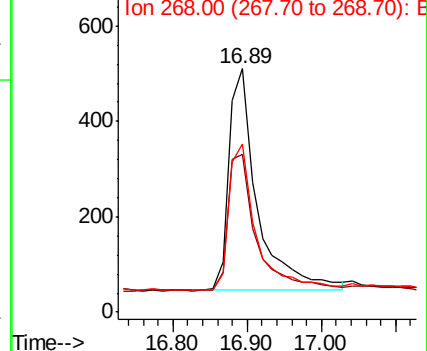
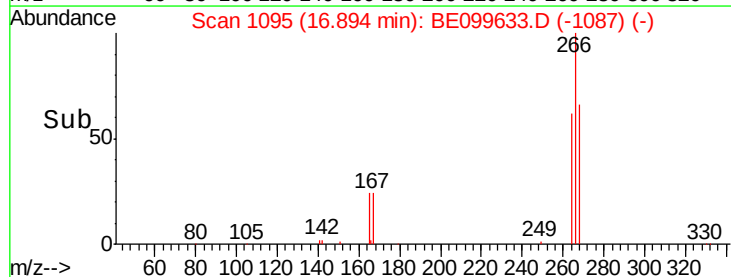
268 69.3 55.8 83.8

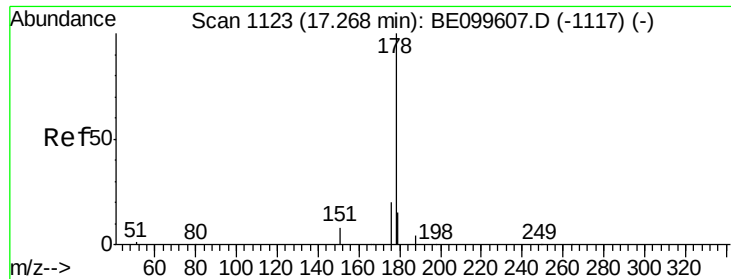


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.360 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

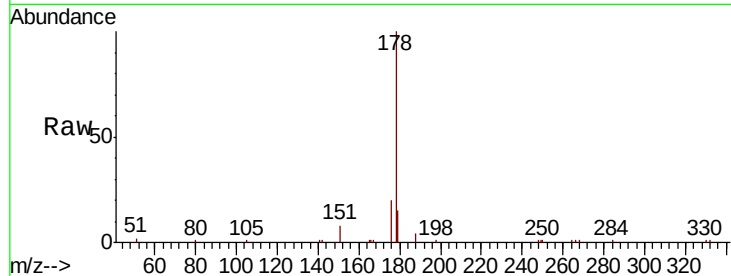
Tgt Ion:178 Resp: 13589

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

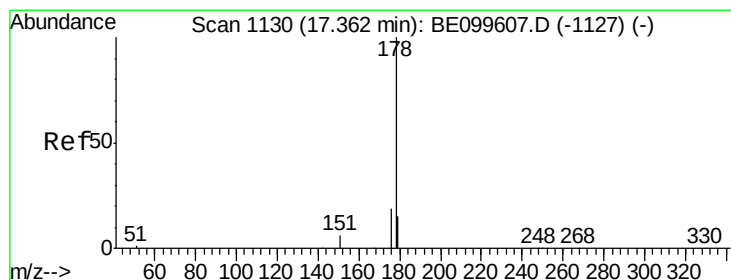
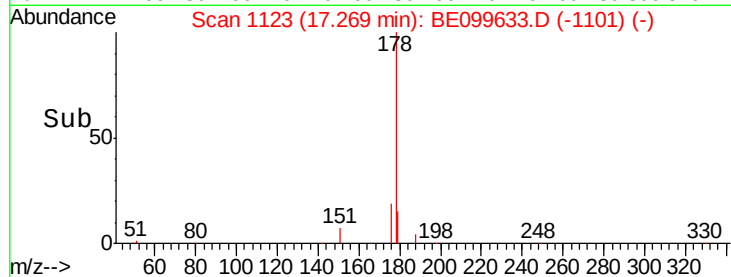
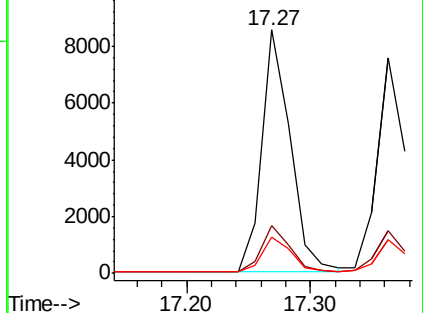
179 15.1 12.2 18.2



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: 0.344 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

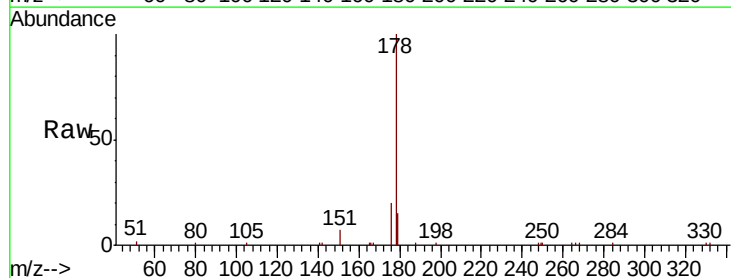
Tgt Ion:178 Resp: 11985

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

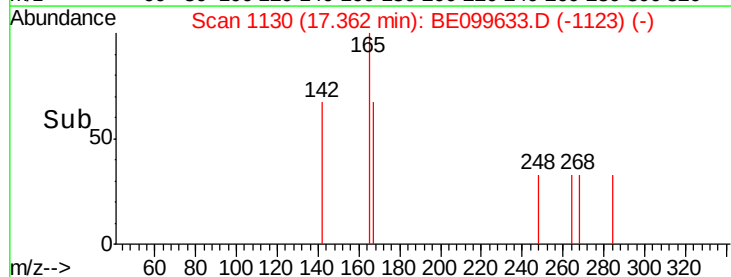
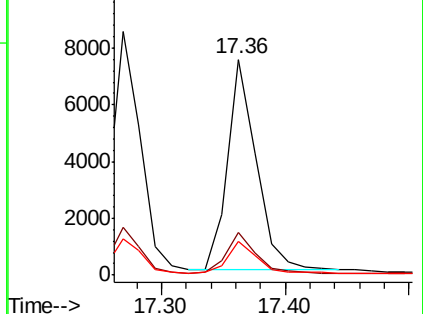
179 14.8 12.1 18.1

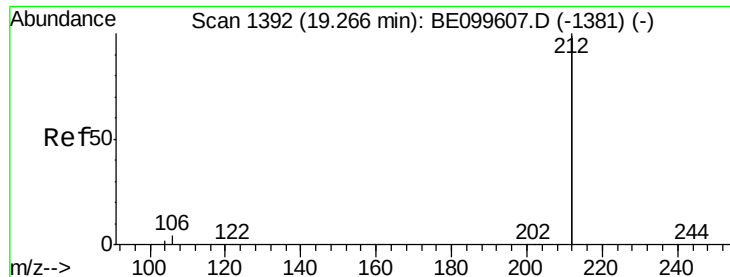


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.359 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

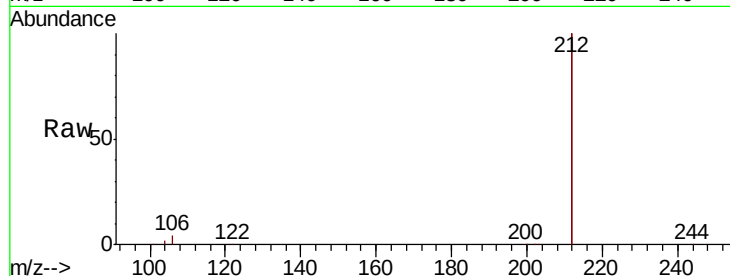
Tgt Ion:212 Resp: 72591

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

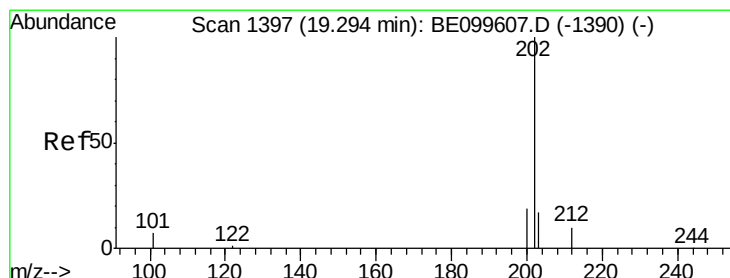
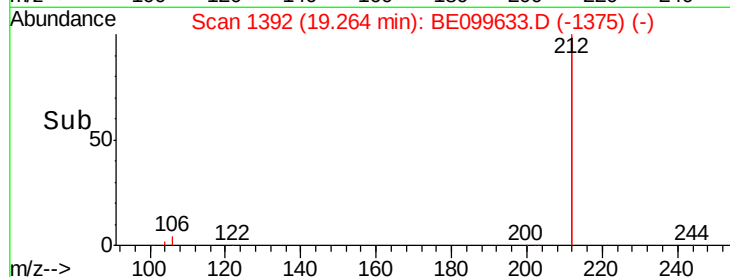
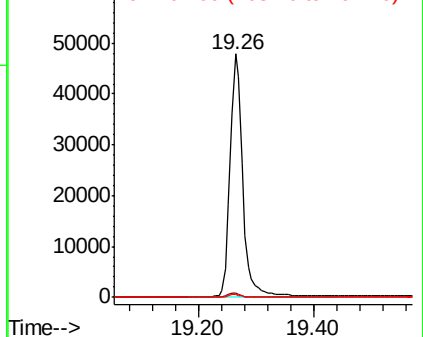
104 1.1 0.9 1.3



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: 0.365 ng

RT: 19.29 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

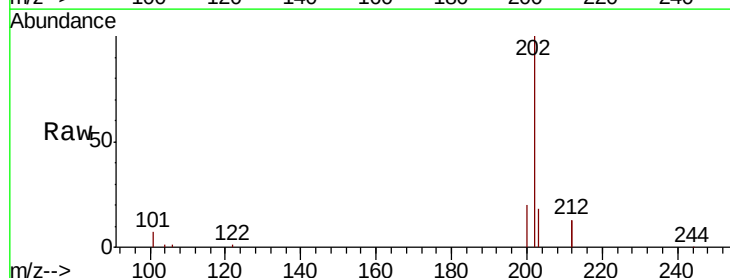
Tgt Ion:202 Resp: 20871

Ion Ratio Lower Upper

202 100

101 6.8 5.0 7.6

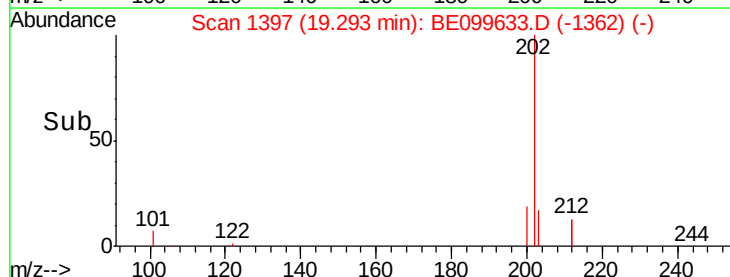
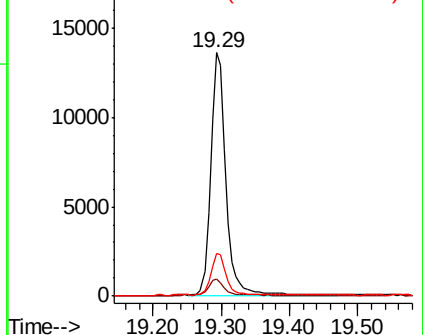
203 17.0 13.7 20.5

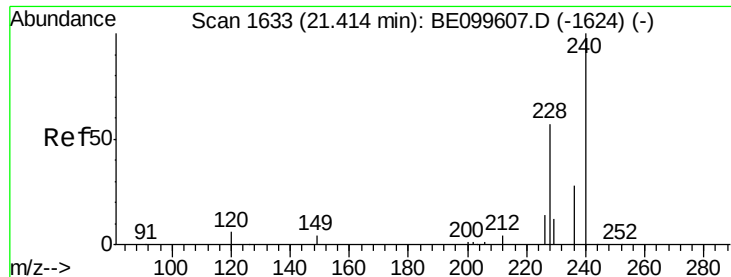


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

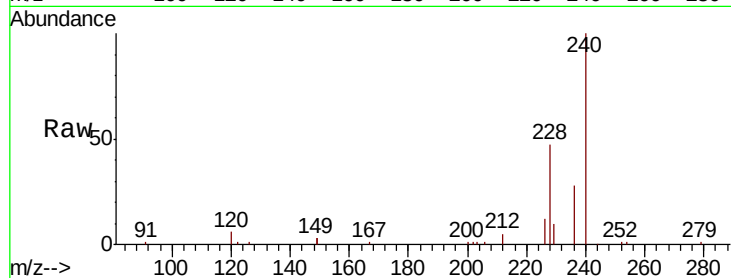
Tgt Ion:240 Resp: 19876

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

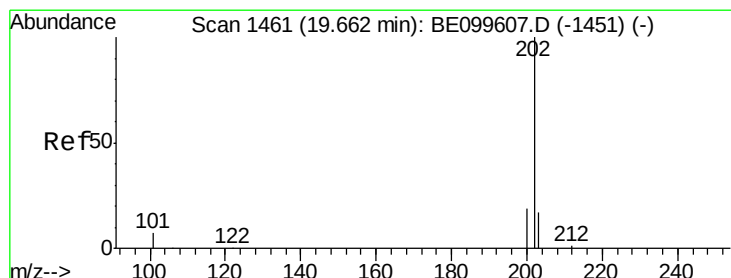
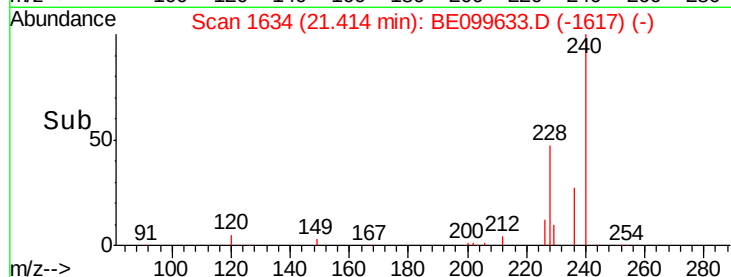
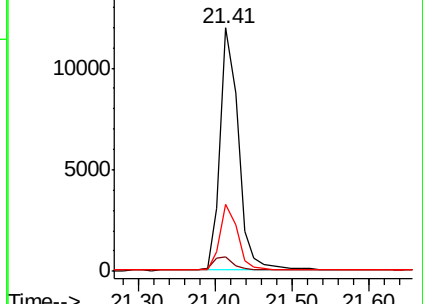
236 27.7 22.8 34.2



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: 0.426 ng

RT: 19.65 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

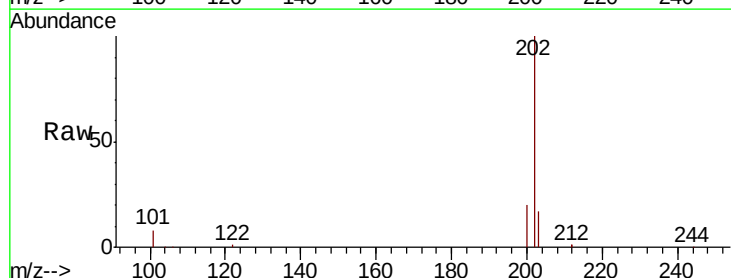
Tgt Ion:202 Resp: 21606

Ion Ratio Lower Upper

202 100

200 19.5 15.8 23.6

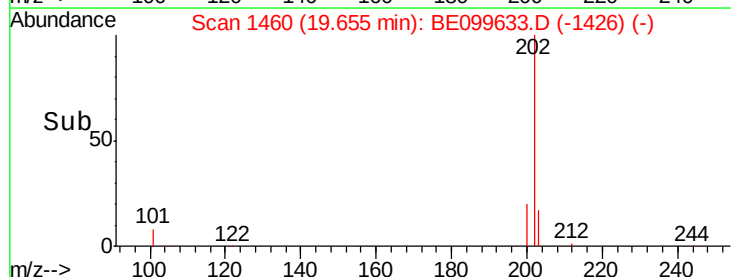
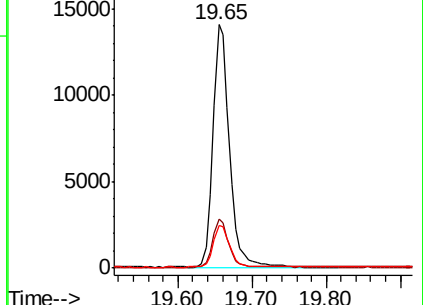
203 17.3 14.1 21.1

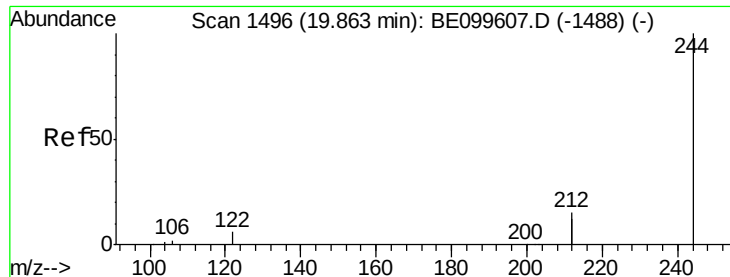


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.406 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

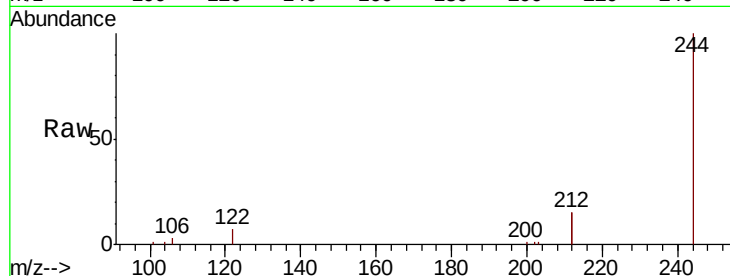
Tgt Ion:244 Resp: 14516

Ion Ratio Lower Upper

244 100

212 29.1 23.8 35.6

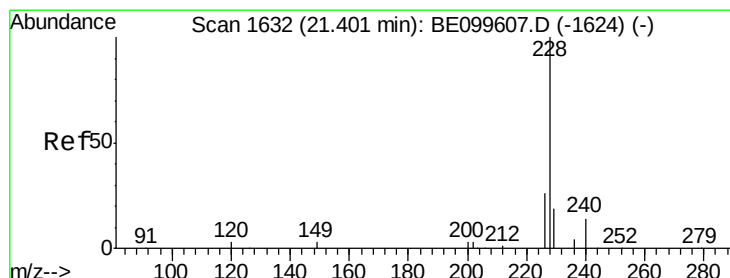
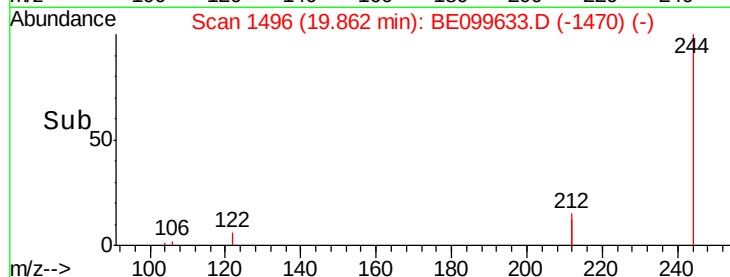
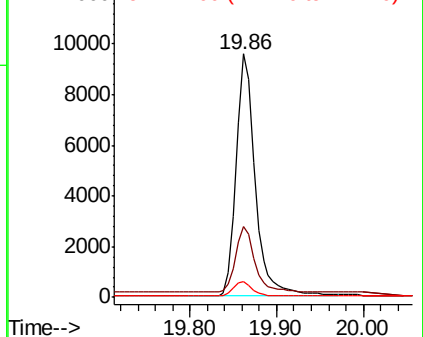
122 6.5 5.0 7.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.392 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

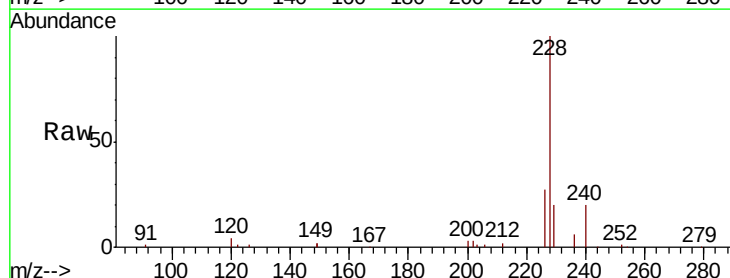
Tgt Ion:228 Resp: 23516

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.2

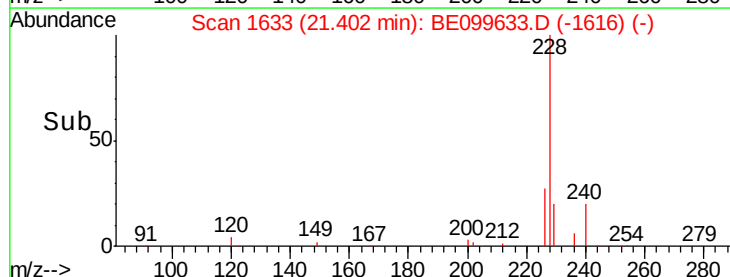
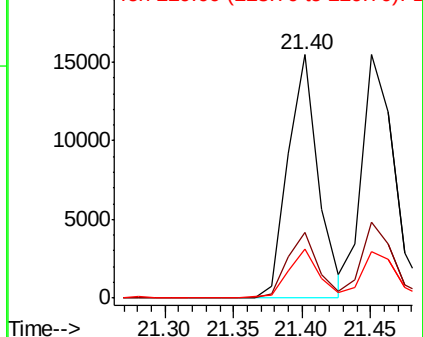
229 20.1 15.8 23.8

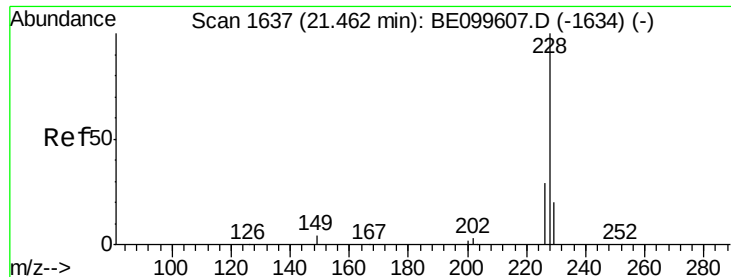


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.405 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

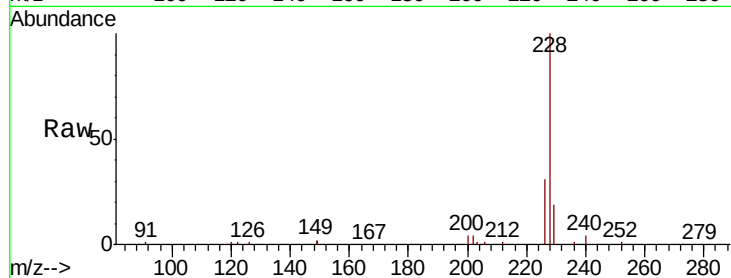
Tgt Ion:228 Resp: 25046

Ion Ratio Lower Upper

228 100

226 31.1 23.0 34.4

229 19.0 16.4 24.6

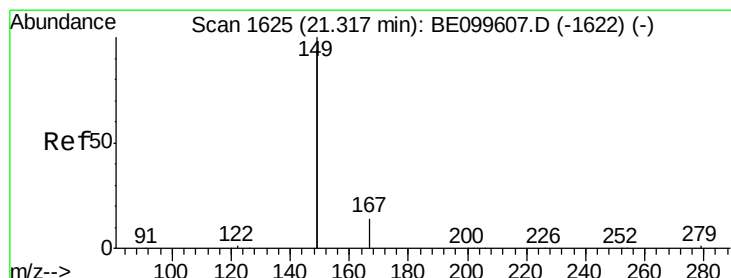
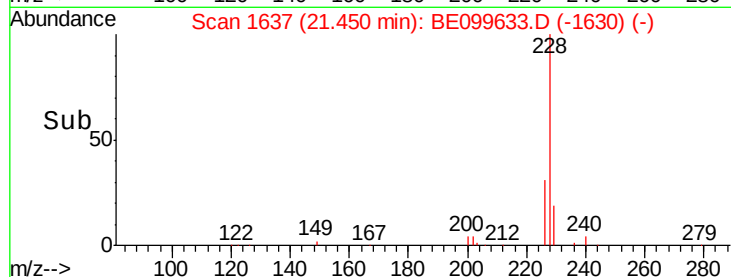
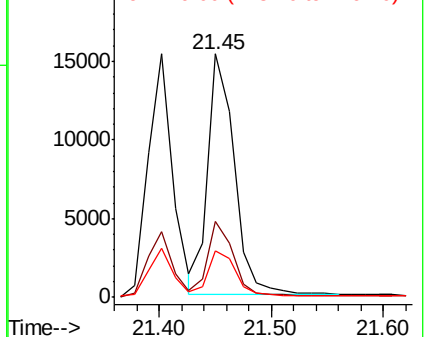


Abundance

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: 0.365 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

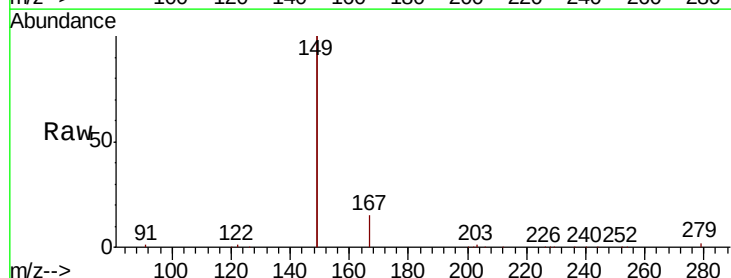
Tgt Ion:149 Resp: 33766

Ion Ratio Lower Upper

149 100

167 7.5 6.0 9.0

279 1.4 1.1 1.7

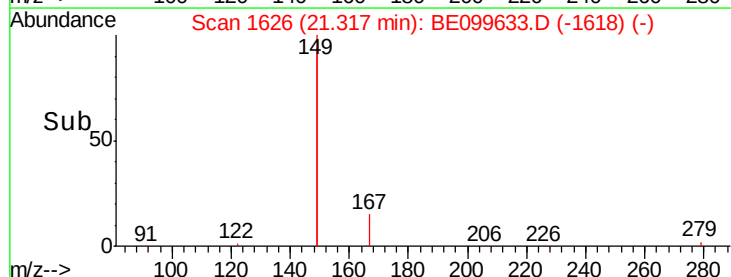
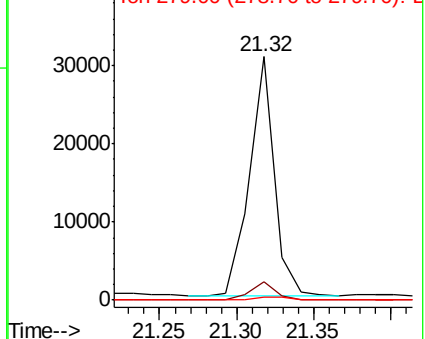


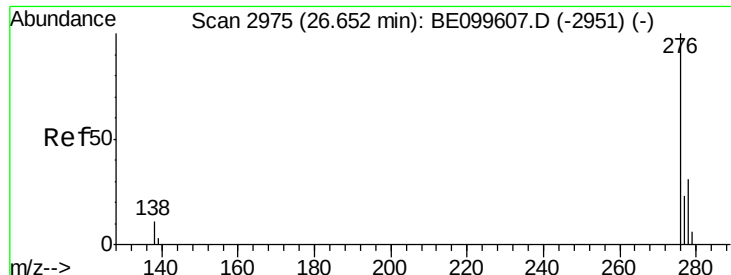
Abundance

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: 0.391 ng

RT: 26.66 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

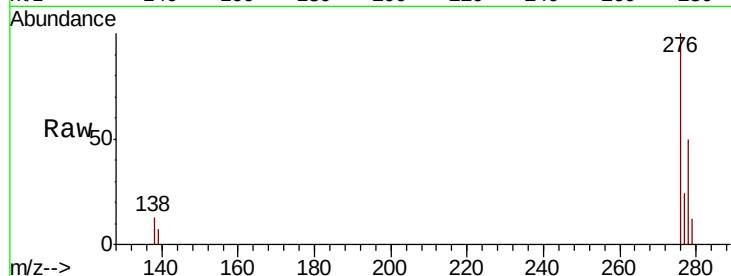
Tgt Ion:276 Resp: 30132

Ion Ratio Lower Upper

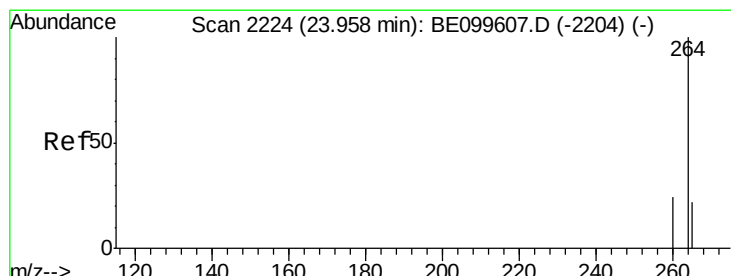
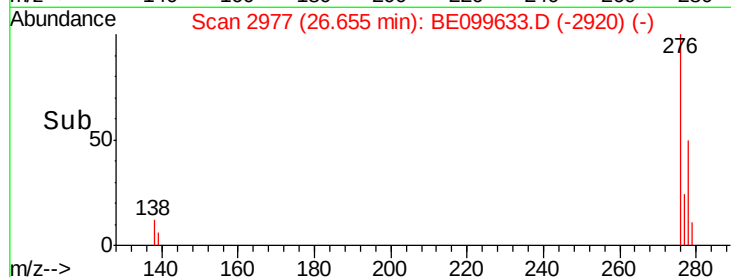
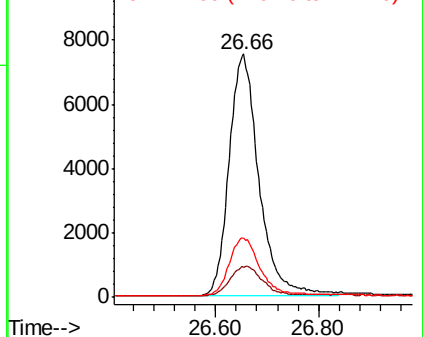
276 100

138 13.0 10.0 15.0

277 24.5 19.1 28.7



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# 2225

Delta R.T. 0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

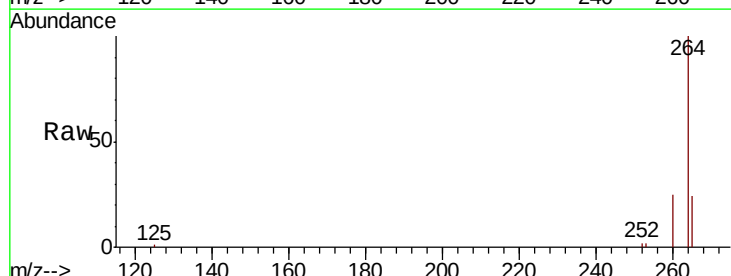
Tgt Ion:264 Resp: 23572

Ion Ratio Lower Upper

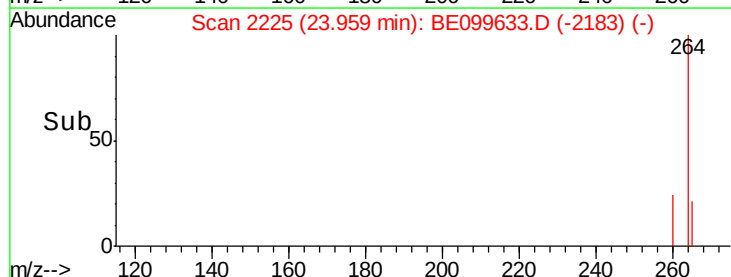
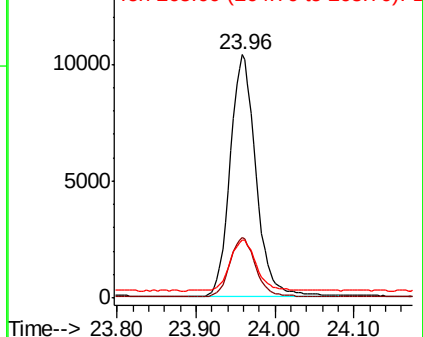
264 100

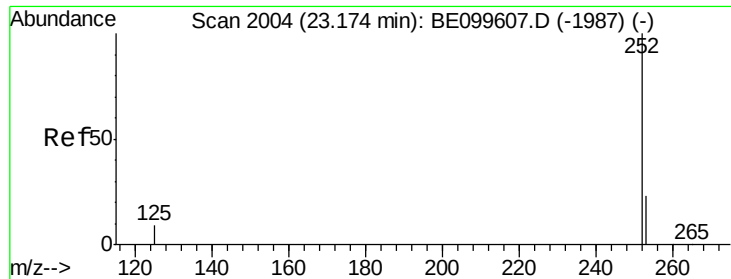
260 24.8 19.7 29.5

265 24.0 21.2 31.8



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: 0.364 ng

RT: 23.17 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

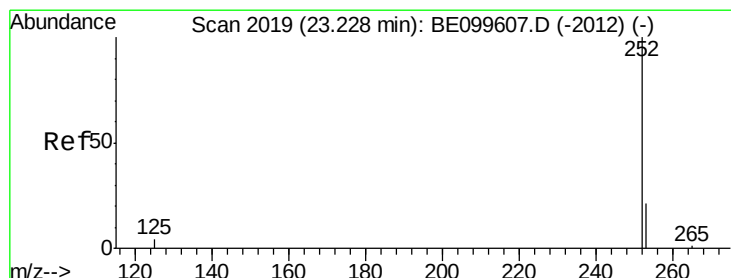
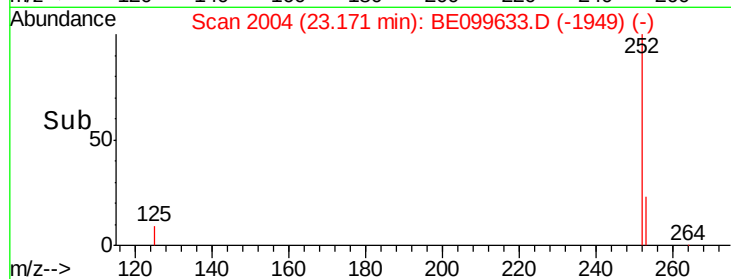
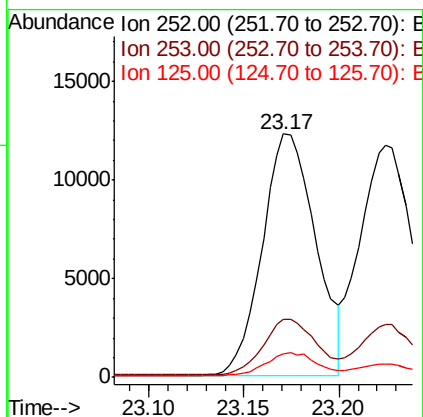
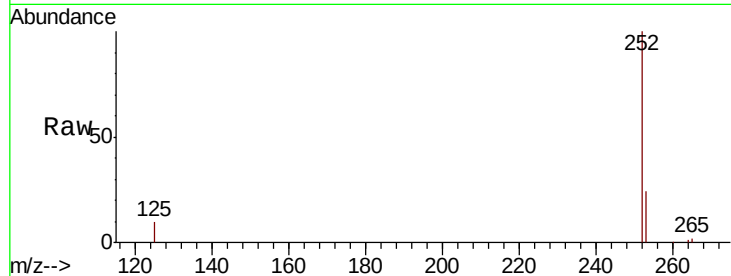
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	252	Resp:	23981
Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.1	28.7
125	9.6	7.8	11.8



#36

Benzo(k)fluoranthene

Concen: 0.377 ng

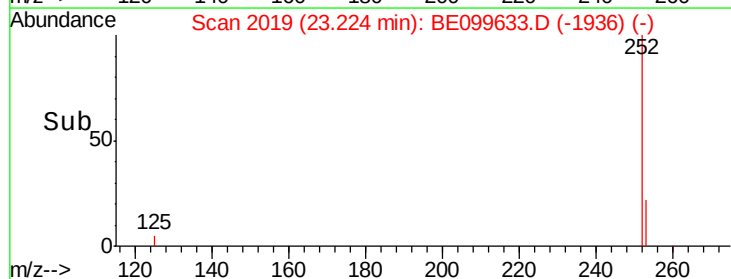
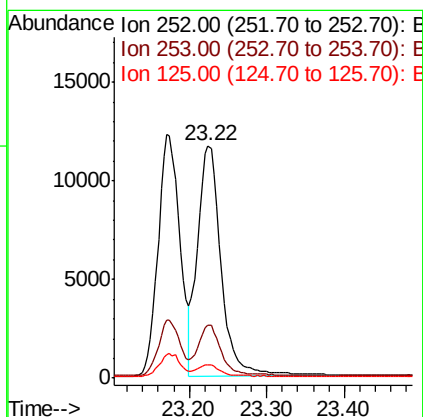
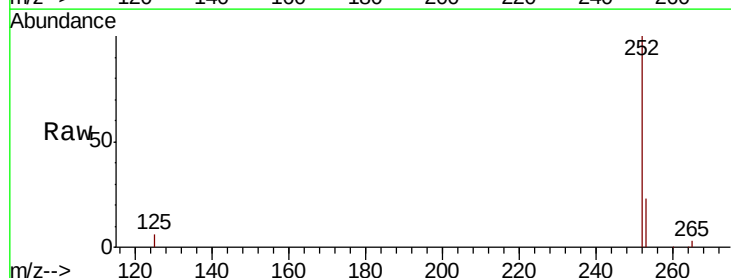
RT: 23.22 min Scan# 2019

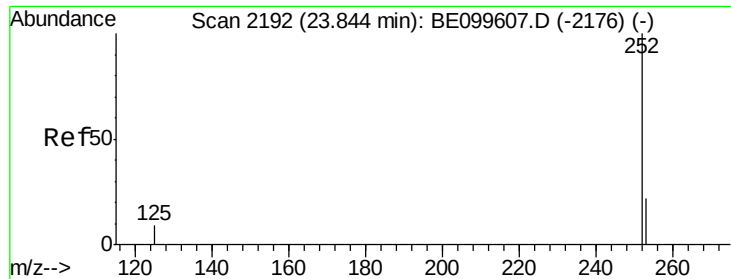
Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Tgt Ion:	252	Resp:	24556
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	28.0
125	5.9	5.2	7.8





#37

Benzo(a)pyrene

Concen: 0.365 ng

RT: 23.84 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

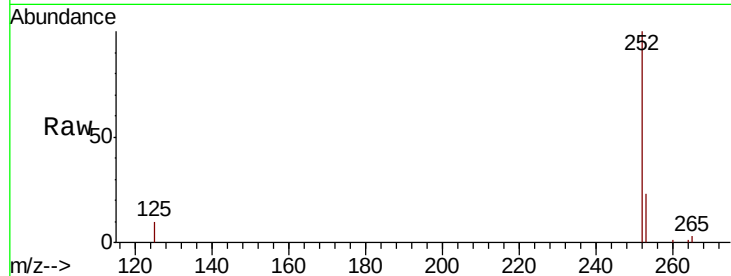
Tgt Ion: 252 Resp: 23278

Ion Ratio Lower Upper

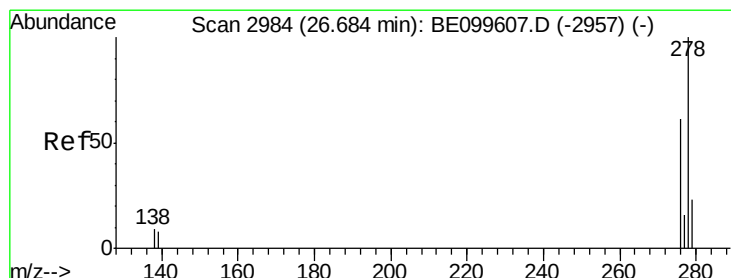
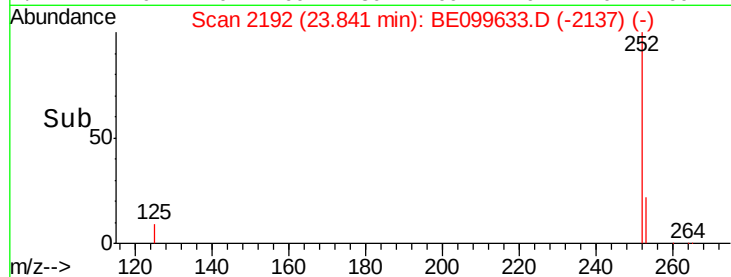
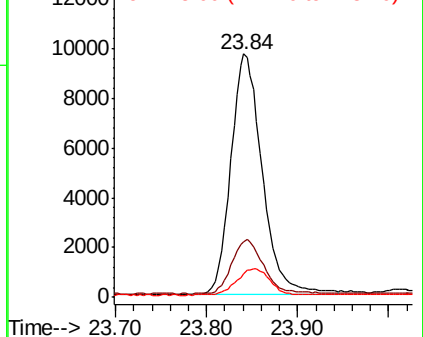
252 100

253 22.8 19.0 28.6

125 9.7 8.8 13.2



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: 0.371 ng

RT: 26.68 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

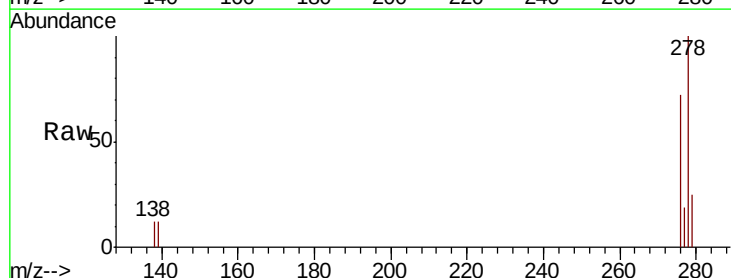
Tgt Ion: 278 Resp: 24552

Ion Ratio Lower Upper

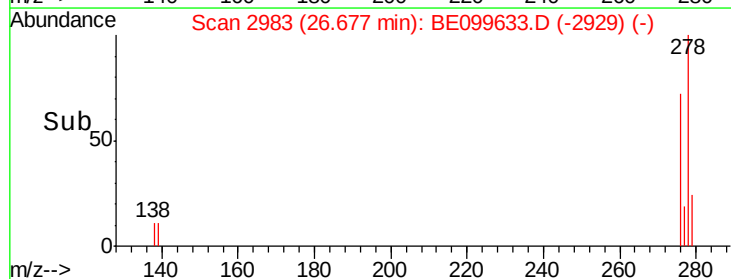
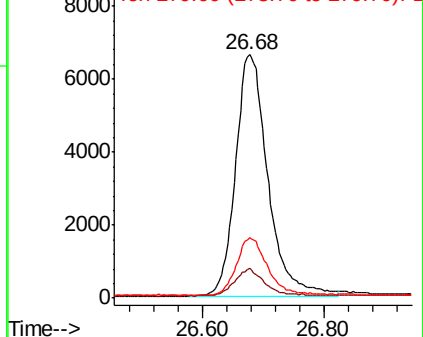
278 100

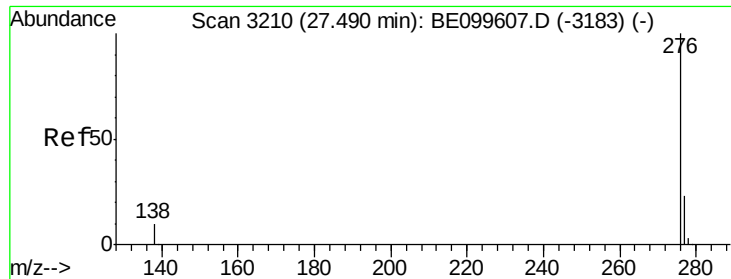
139 12.0 7.9 11.9#

279 24.6 19.5 29.3



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(g,h,i)perylene

Concen: 0.374 ng

RT: 27.49 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE099633.D

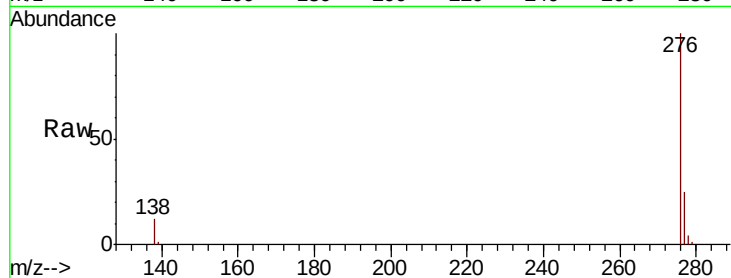
Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



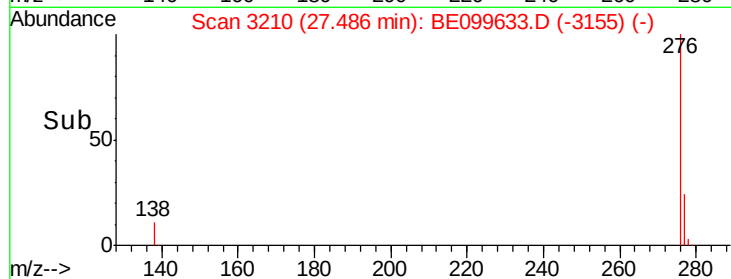
Tgt Ion: 276 Resp: 24880

Ion Ratio Lower Upper

276 100

277 24.5 19.3 28.9

138 11.5 9.1 13.7



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

