

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099635.D
 Acq On : 16 May 2019 23:16
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 17 07:04:20 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	1910	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	6821	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4923	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	14457	0.40	ng	0.00
27) Chrysene-d12	21.42	240	19500	0.40	ng	0.00
34) Perylene-d12	23.96	264	23099	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1832	0.34	ng	0.00
5) Phenol-d6	6.98	99	2434	0.35	ng	0.00
8) Nitrobenzene-d5	8.98	82	2237	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4215	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1076	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	6565	0.35	ng	0.00
25) Fluoranthene-d10	19.26	212	70559	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	13848	0.39	ng	0.00

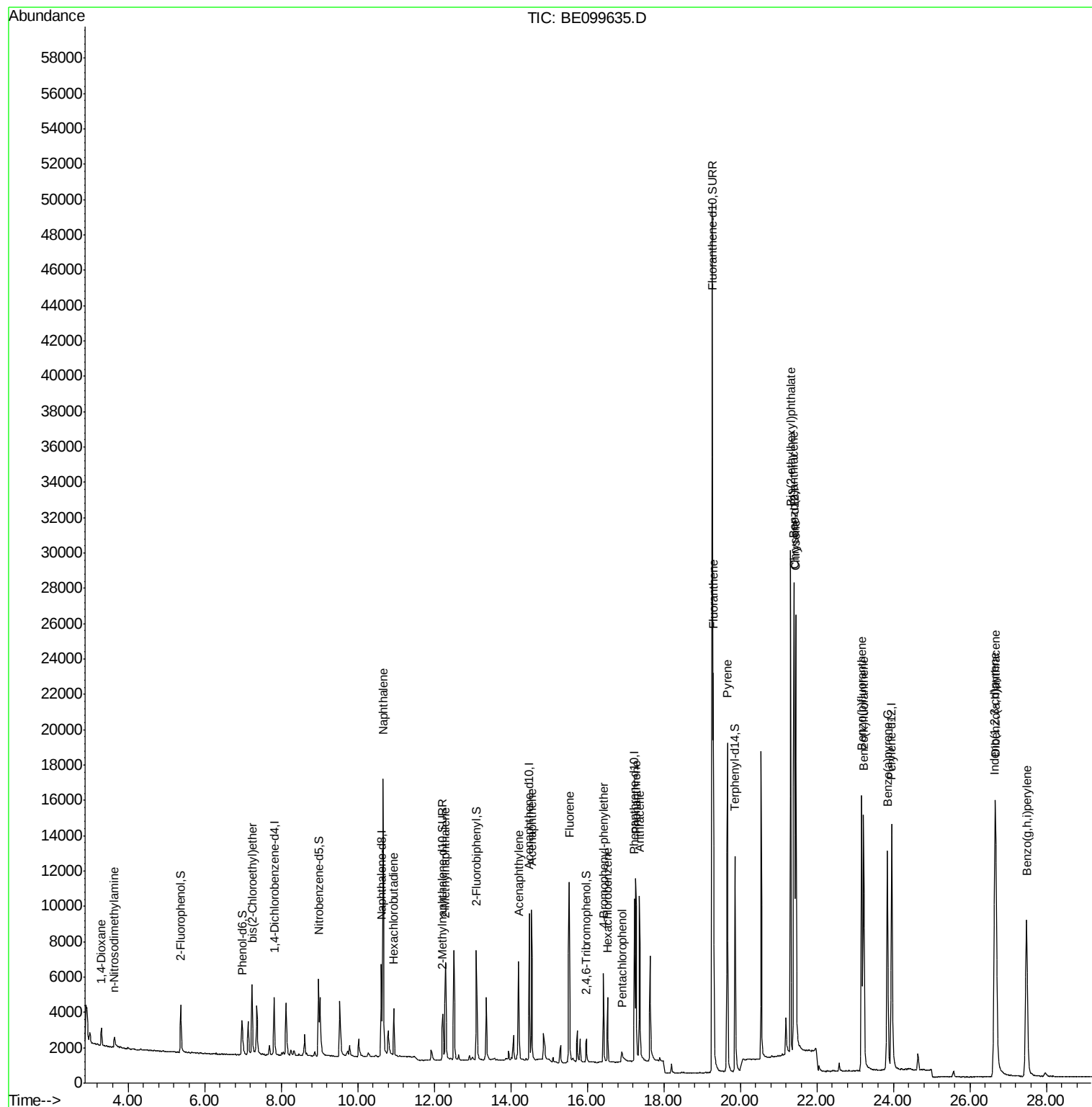
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1005	0.357	ng	94
3) n-Nitrosodimethylamine	3.64	42	565	0.315	ng	# 90
6) bis(2-Chloroethyl)ether	7.24	93	2158	0.373	ng	99
9) Naphthalene	10.67	128	26679	0.368	ng	99
10) Hexachlorobutadiene	10.94	225	1956	0.368	ng	99
12) 2-Methylnaphthalene	12.30	142	4286	0.358	ng	96
16) Acenaphthylene	14.21	152	8261	0.355	ng	99
17) Acenaphthene	14.54	154	4696	0.358	ng	98
18) Fluorene	15.53	166	6812	0.362	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	3002	0.360	ng	95
21) Hexachlorobenzene	16.53	284	3083	0.376	ng	98
22) Pentachlorophenol	16.91	266	852	0.454	ng	96
23) Phenanthrene	17.27	178	13072	0.364	ng	100
24) Anthracene	17.36	178	11493	0.347	ng	99
26) Fluoranthene	19.29	202	20178	0.372	ng	99
28) Pyrene	19.66	202	20702	0.417	ng	100
30) Benzo(a)anthracene	21.40	228	22603	0.384	ng	99
31) Chrysene	21.45	228	24104	0.397	ng	96
32) Bis(2-ethylhexyl)phthalate	21.32	149	31453	0.346	ng	100
33) Indeno(1,2,3-cd)pyrene	26.65	276	29497	0.390	ng	99
35) Benzo(b)fluoranthene	23.17	252	23532	0.364	ng	100
36) Benzo(k)fluoranthene	23.23	252	23654	0.371	ng	98
37) Benzo(a)pyrene	23.84	252	22944	0.367	ng	98
38) Dibenzo(a,h)anthracene	26.68	278	23992	0.370	ng	98
39) Benzo(g,h,i)perylene	27.48	276	24084	0.369	ng	100

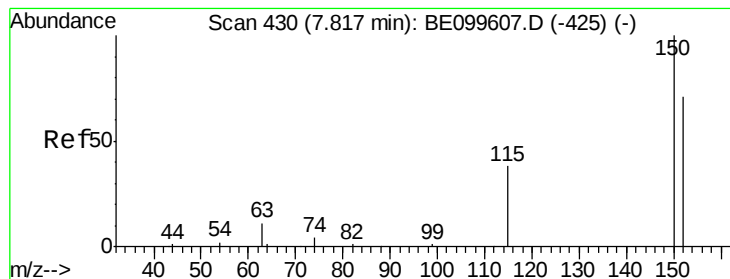
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
Data File : BE099635.D
Acq On : 16 May 2019 23:16
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 17 07:04:20 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: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

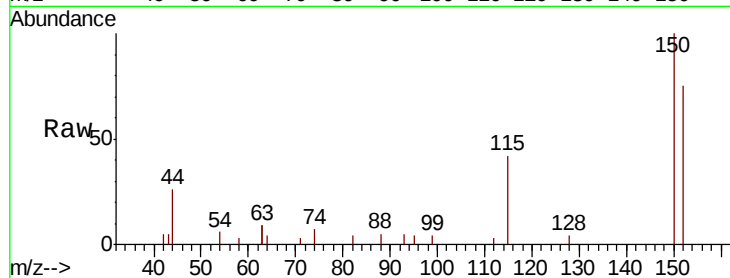
Tgt Ion:152 Resp: 1910

Ion Ratio Lower Upper

152 100

150 132.5 110.1 165.1

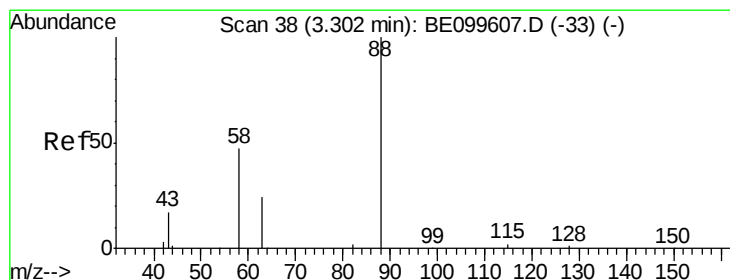
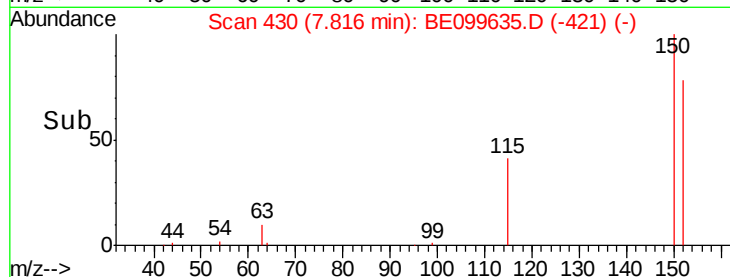
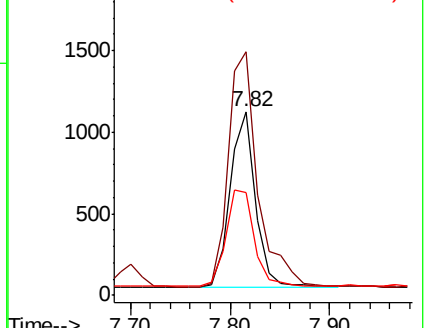
115 55.7 46.2 69.4



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: 0.357 ng

RT: 3.30 min Scan# 38

Delta R.T. -0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

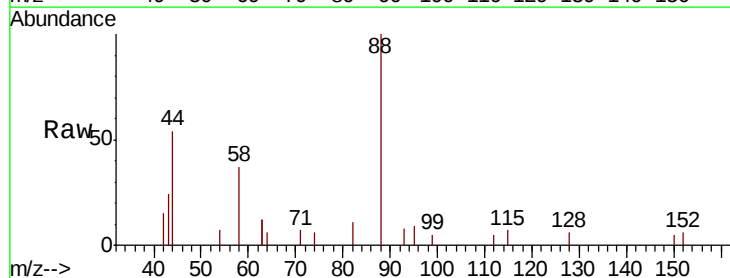
Tgt Ion: 88 Resp: 1005

Ion Ratio Lower Upper

88 100

58 53.6 39.8 59.6

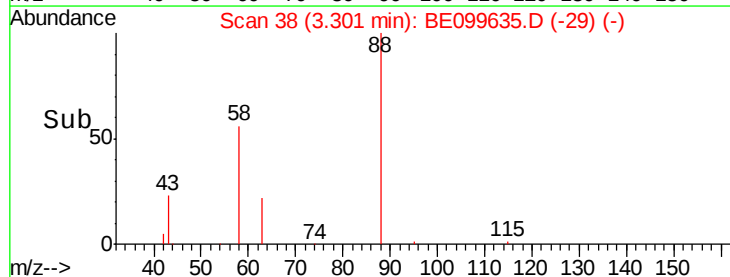
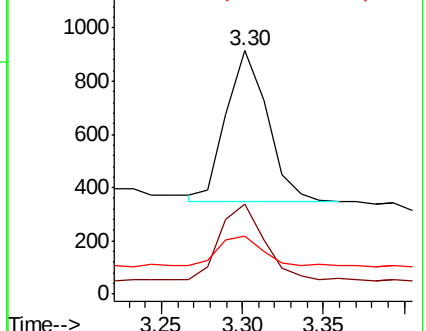
43 22.7 21.0 31.6



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: 0.315 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.01 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

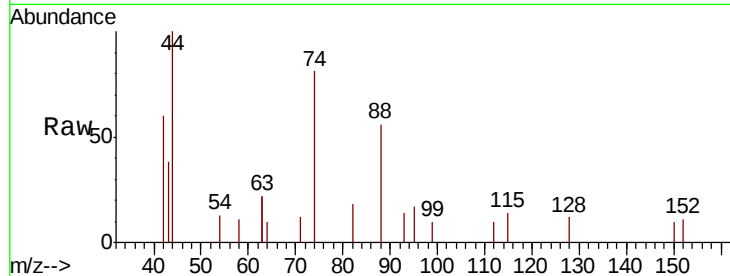
Tgt Ion: 42 Resp: 565

Ion Ratio Lower Upper

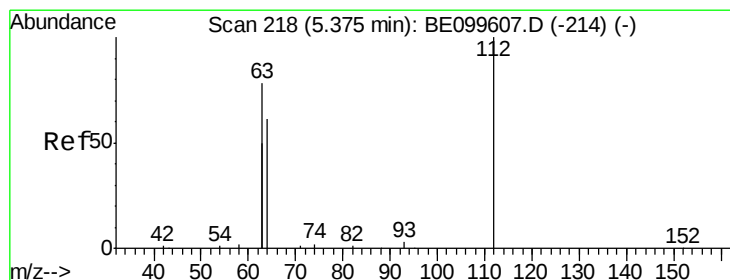
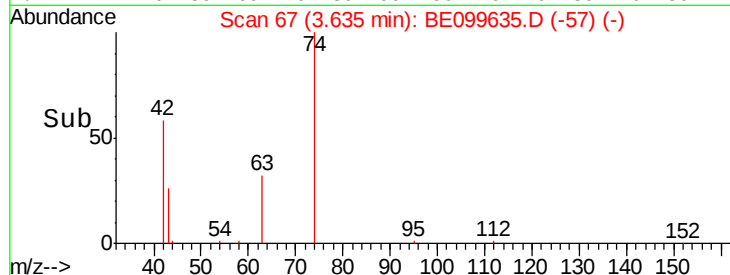
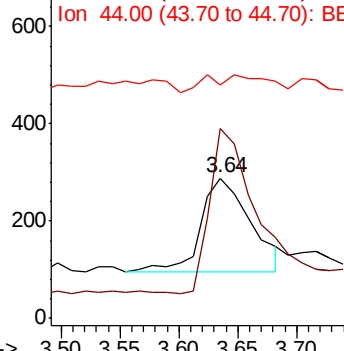
42 100

74 156.1 134.7 202.1

44 22.3 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: 0.338 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

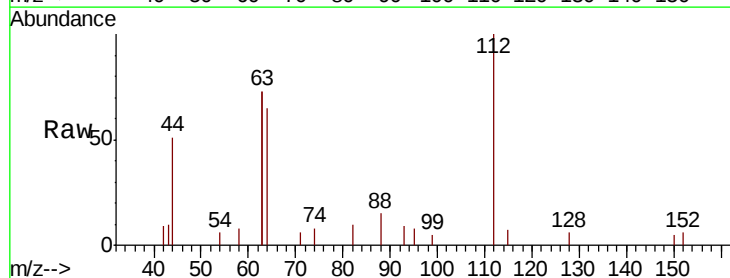
Tgt Ion: 112 Resp: 1832

Ion Ratio Lower Upper

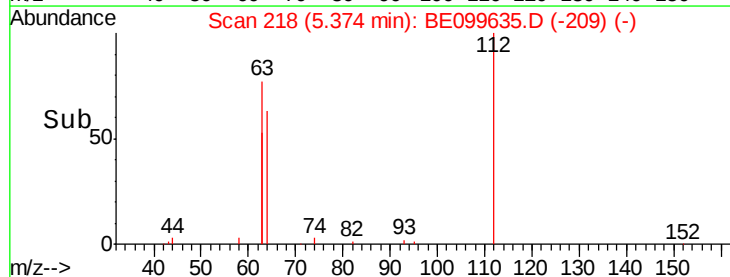
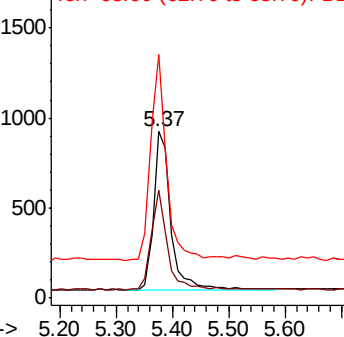
112 100

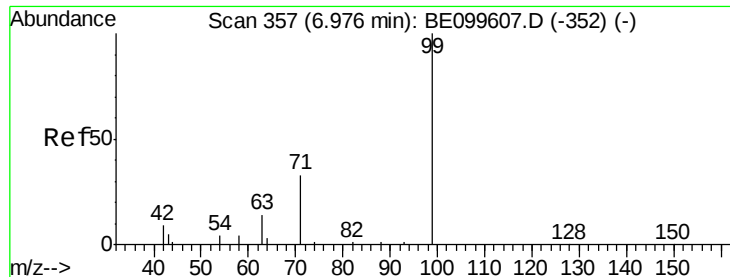
64 58.8 43.7 65.5

63 122.4 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: 0.354 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

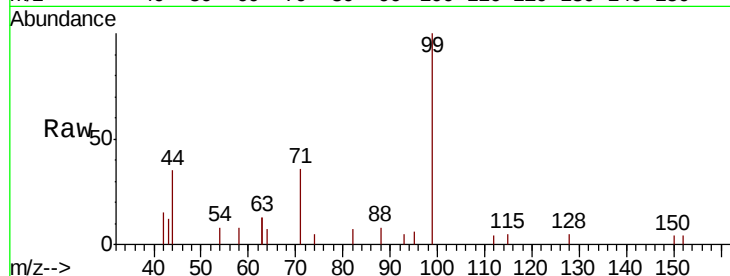
Tgt Ion: 99 Resp: 2434

Ion Ratio Lower Upper

99 100

42 15.6 14.3 21.5

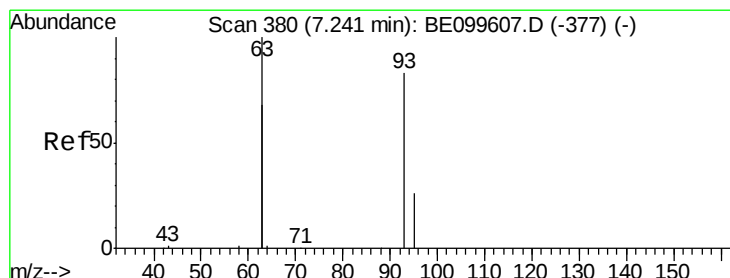
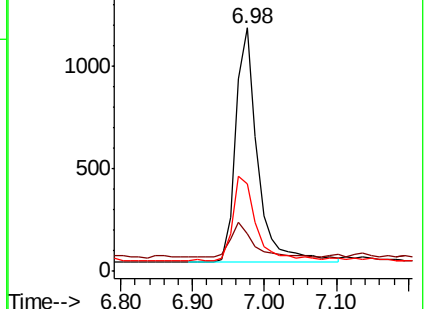
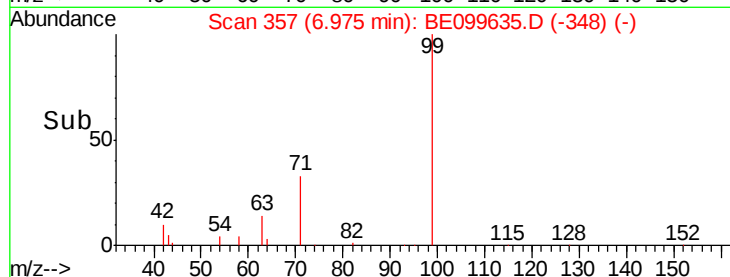
71 37.4 33.1 49.7



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: 0.373 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

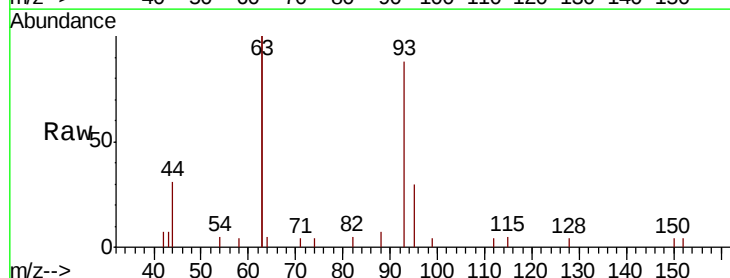
Tgt Ion: 93 Resp: 2158

Ion Ratio Lower Upper

93 100

63 249.5 201.0 301.4

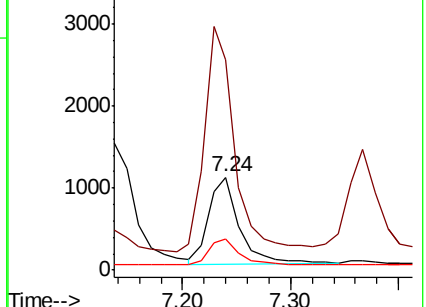
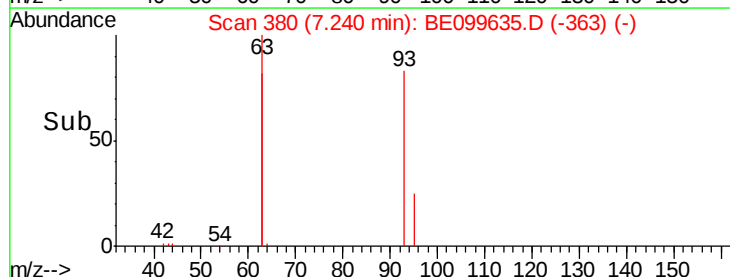
95 30.6 25.0 37.4



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: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 6821

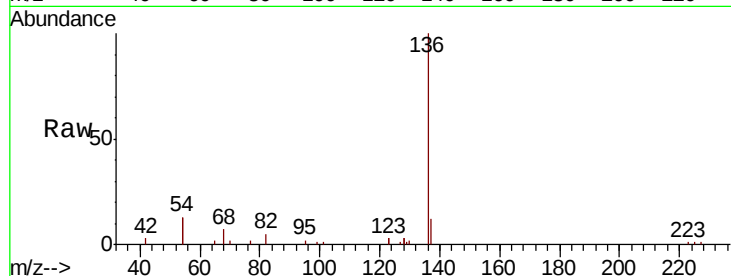
Ion Ratio Lower Upper

136 100

137 12.4 9.7 14.5

54 26.4 23.8 35.8

68 6.8 6.2 9.2

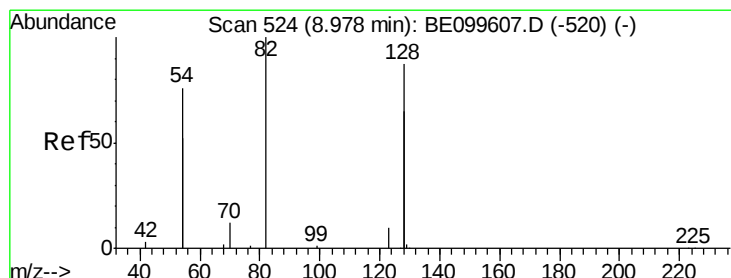
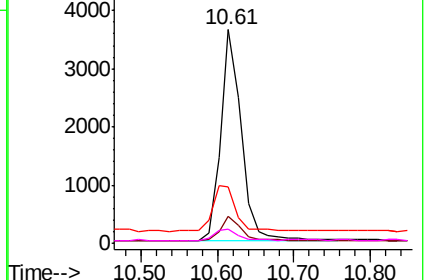
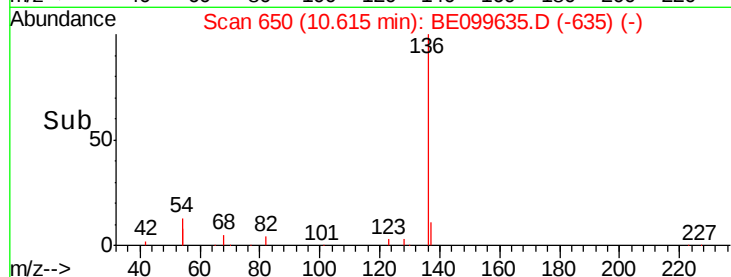


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.339 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

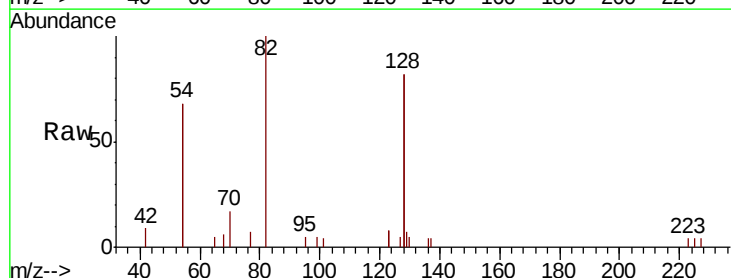
Tgt Ion: 82 Resp: 2237

Ion Ratio Lower Upper

82 100

128 163.7 131.4 197.2

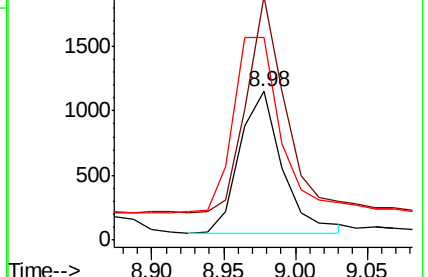
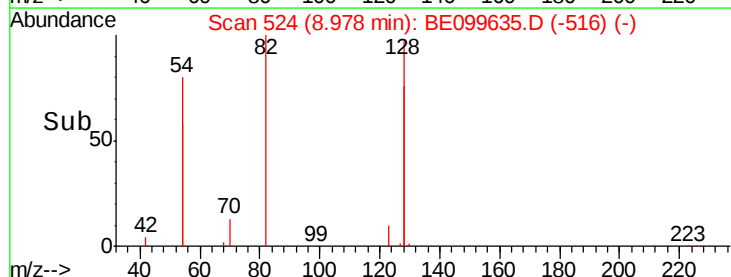
54 136.1 113.9 170.9



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: 0.368 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

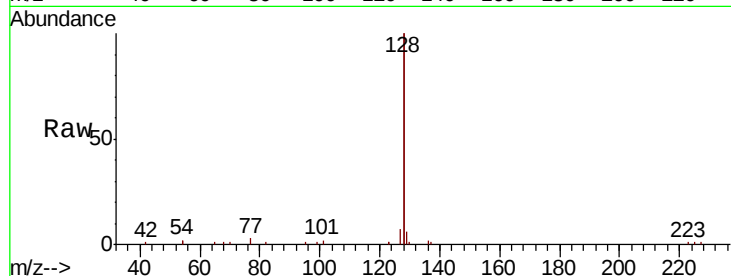
Tgt Ion:128 Resp: 26679

Ion Ratio Lower Upper

128 100

129 3.0 2.6 4.0

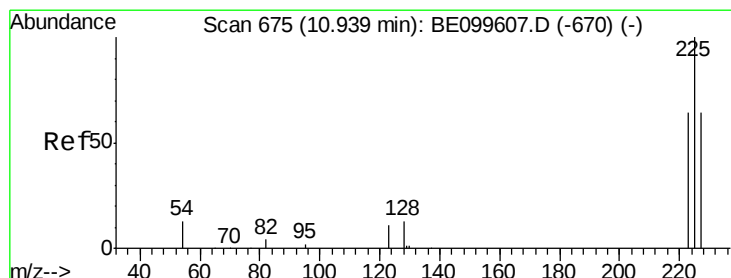
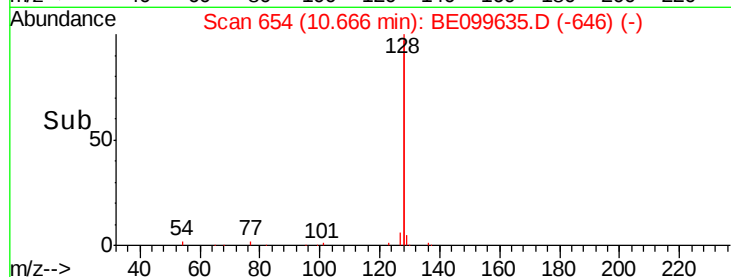
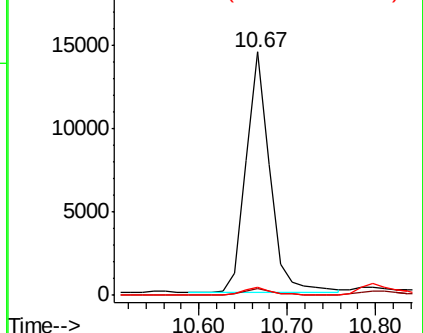
127 3.6 3.0 4.6



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: 0.368 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

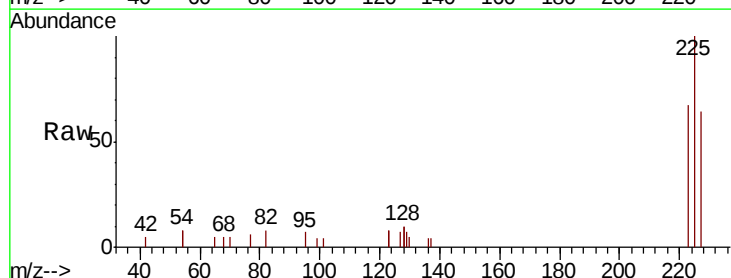
Tgt Ion:225 Resp: 1956

Ion Ratio Lower Upper

225 100

223 62.8 49.8 74.8

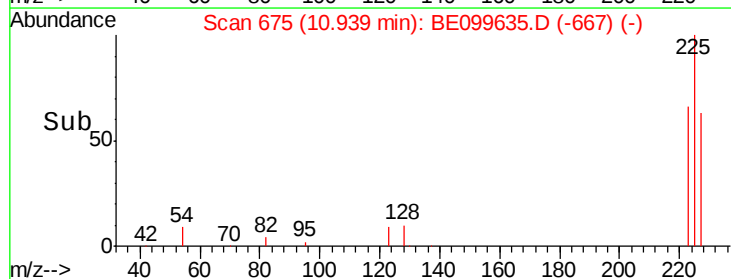
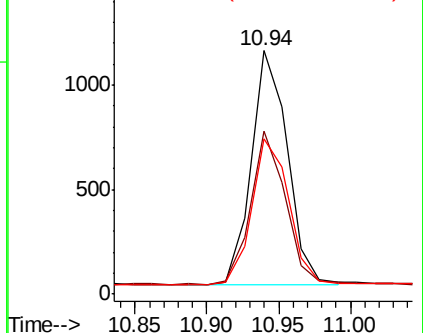
227 64.4 51.2 76.8

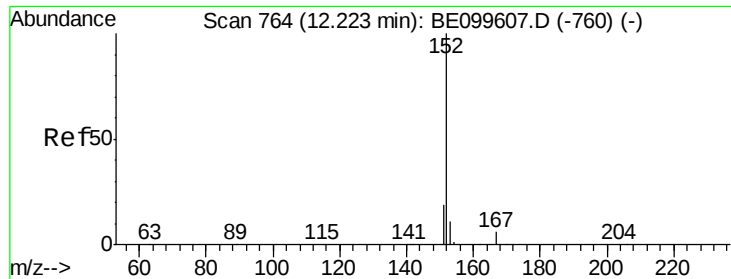


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

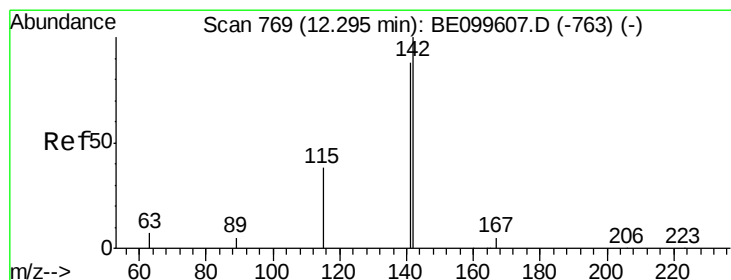
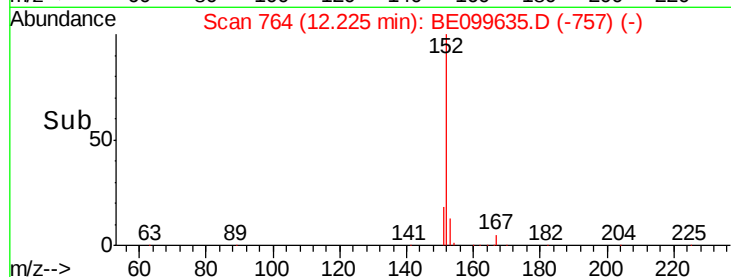
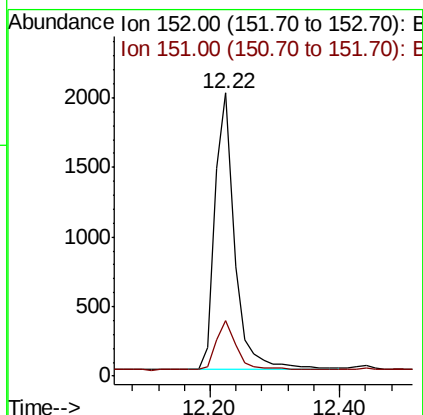
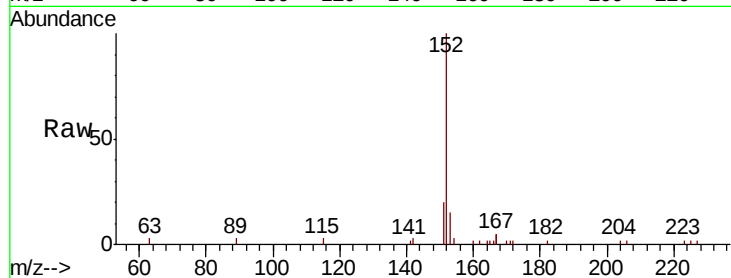




#11
 2-Methylnaphthalene-d10
 Concen: 0.367 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099635.D
 Acq: 16 May 2019 23:16

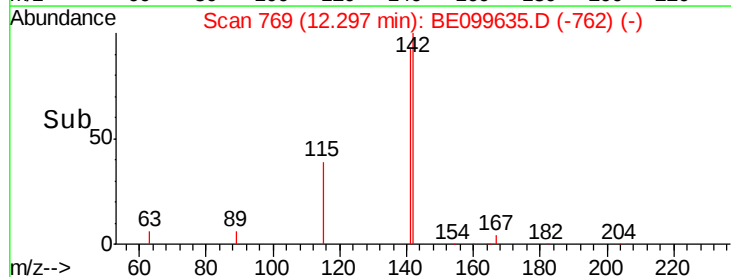
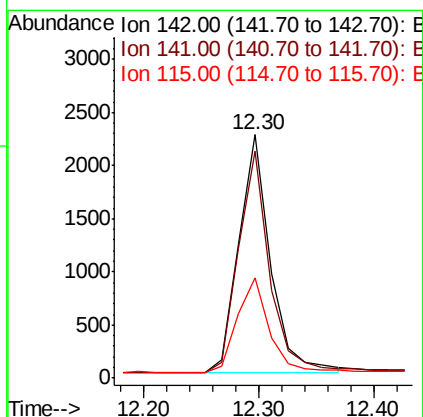
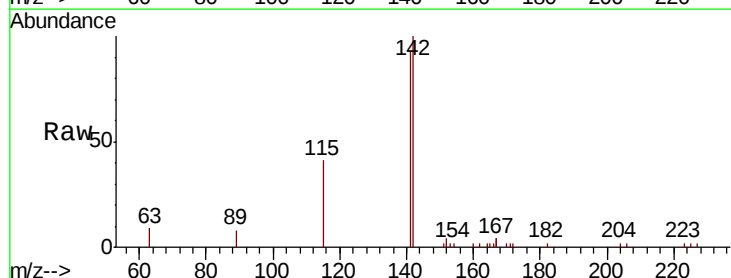
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

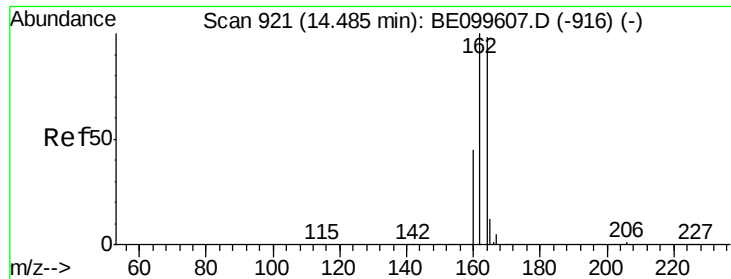
Tgt Ion:152 Resp: 4215
 Ion Ratio Lower Upper
 152 100
 151 18.5 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.358 ng
 RT: 12.30 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BE099635.D
 Acq: 16 May 2019 23:16

Tgt Ion:142 Resp: 4286
 Ion Ratio Lower Upper
 142 100
 141 93.1 70.4 105.6
 115 41.1 32.2 48.4

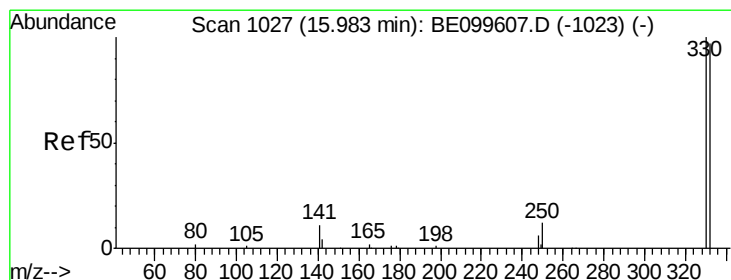
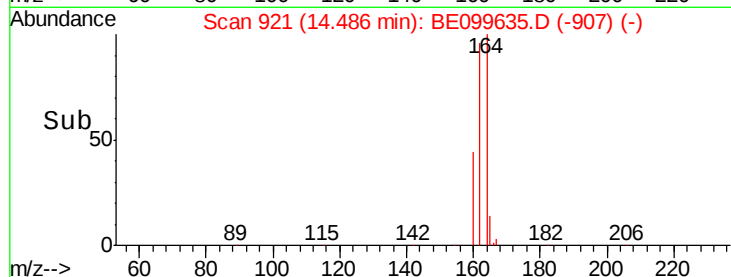
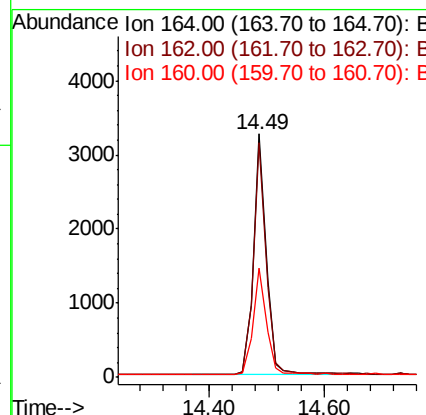
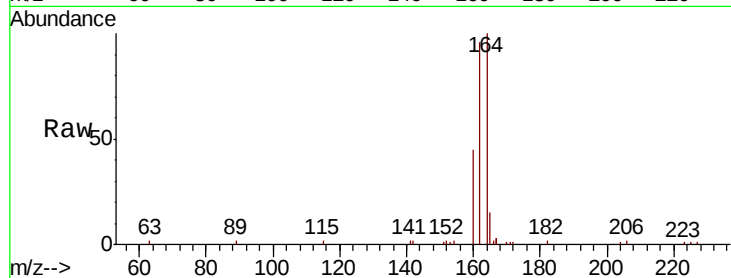




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099635.D
Acq: 16 May 2019 23:16

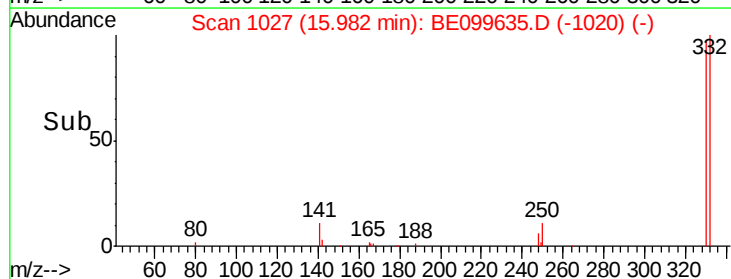
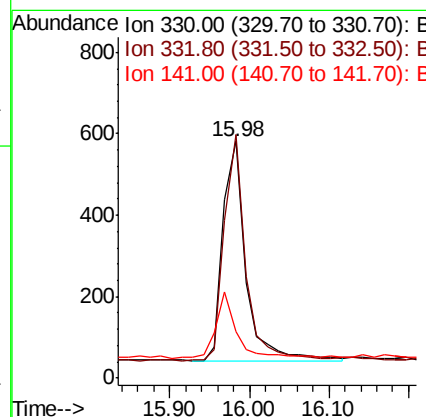
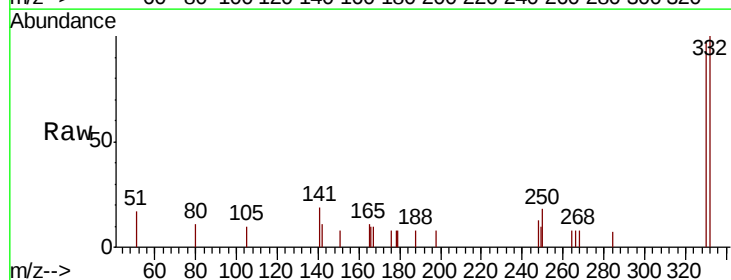
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

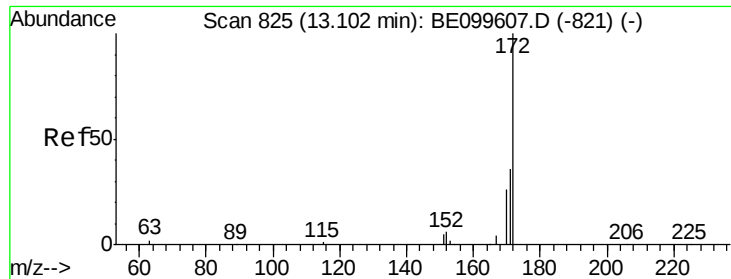
Tgt Ion:164 Resp: 4923
Ion Ratio Lower Upper
164 100
162 96.3 81.4 122.0
160 45.0 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.320 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE099635.D
Acq: 16 May 2019 23:16

Tgt Ion:330 Resp: 1076
Ion Ratio Lower Upper
330 100
332 96.7 73.8 110.8
141 27.0 21.0 31.6

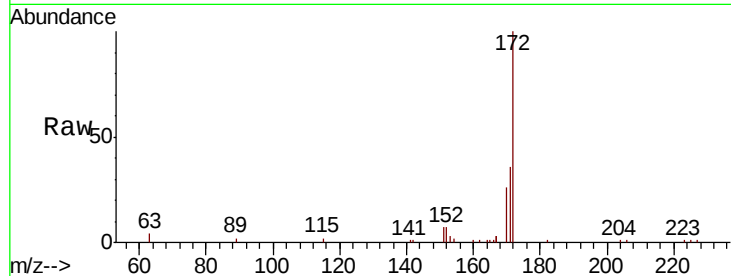




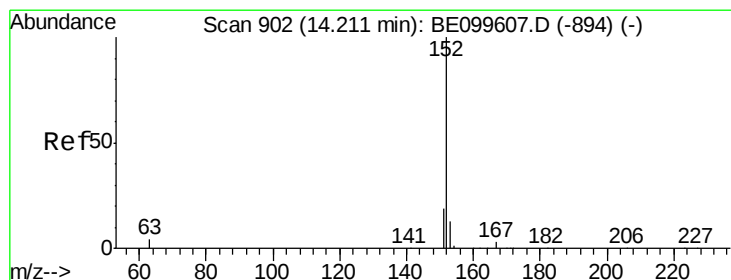
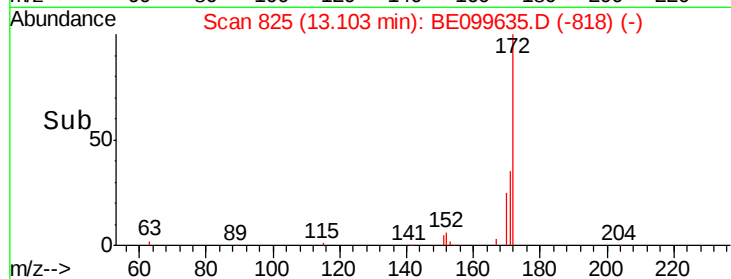
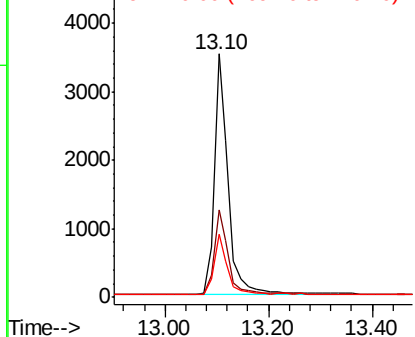
#15
 2-Fluorobiphenyl
 Concen: 0.346 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099635.D
 Acq: 16 May 2019 23:16

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:172 Resp: 6565
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.2
 170 26.1 21.5 32.3

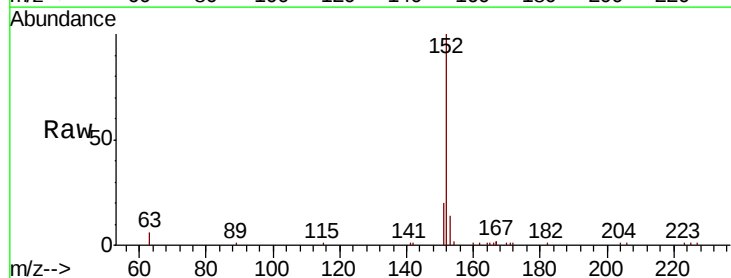


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

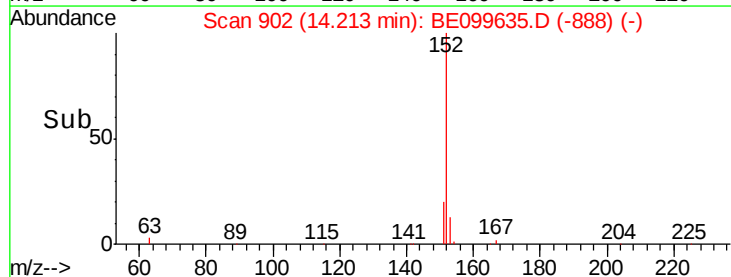
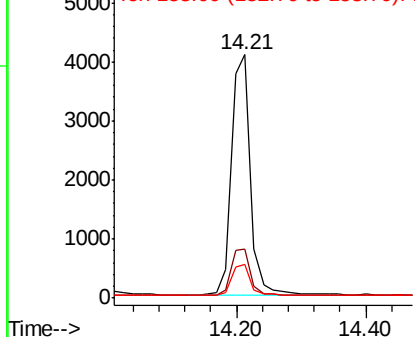


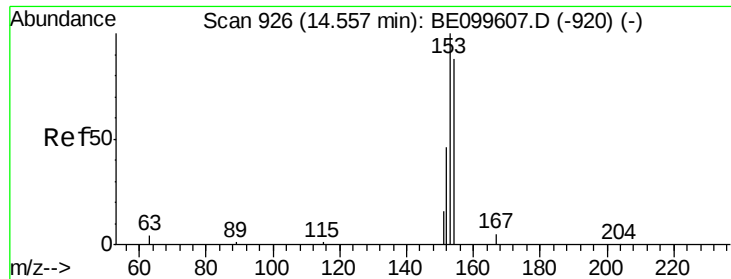
#16
 Acenaphthylene
 Concen: 0.355 ng
 RT: 14.21 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BE099635.D
 Acq: 16 May 2019 23:16

Tgt Ion:152 Resp: 8261
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.6 23.4
 153 13.1 10.4 15.6



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: 0.358 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

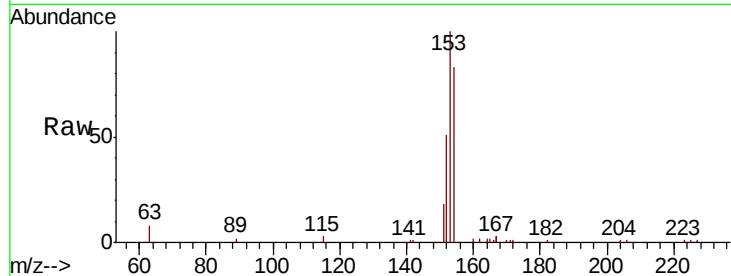
Tgt Ion:154 Resp: 4696

Ion Ratio Lower Upper

154 100

153 115.0 94.1 141.1

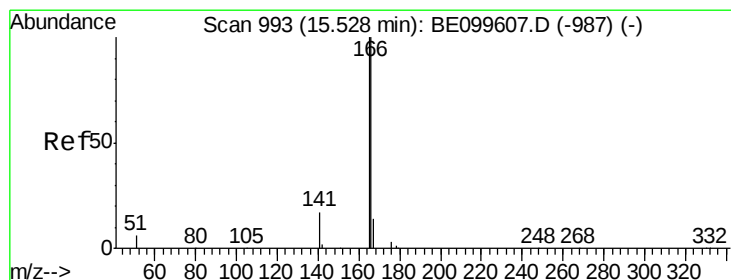
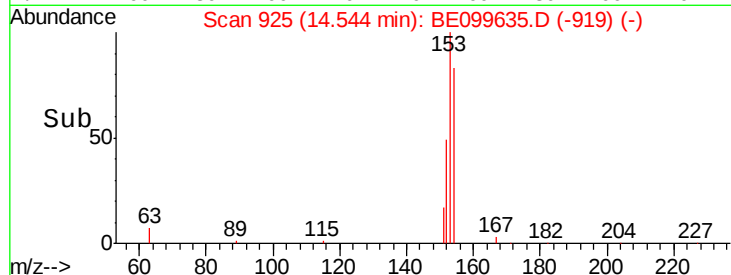
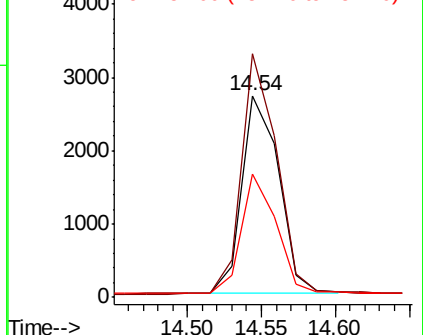
152 57.2 46.5 69.7



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: 0.362 ng

RT: 15.53 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

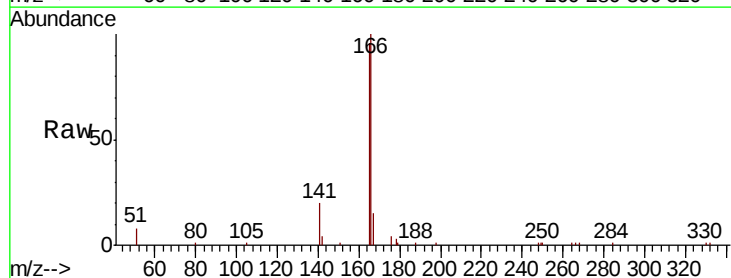
Tgt Ion:166 Resp: 6812

Ion Ratio Lower Upper

166 100

165 97.4 79.8 119.8

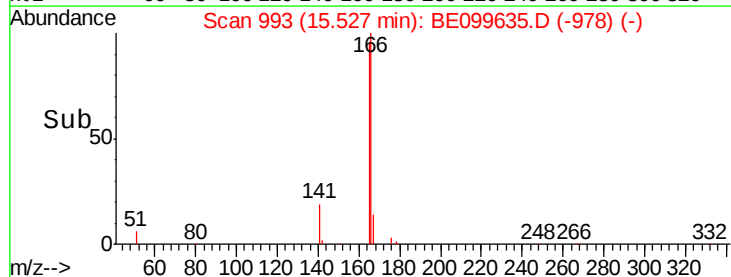
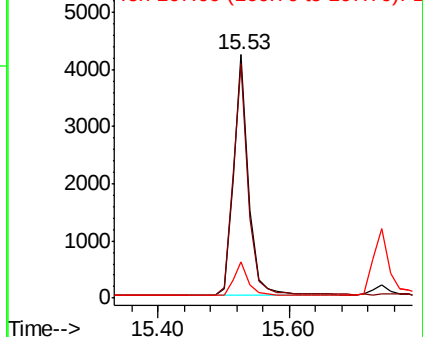
167 13.5 11.2 16.8

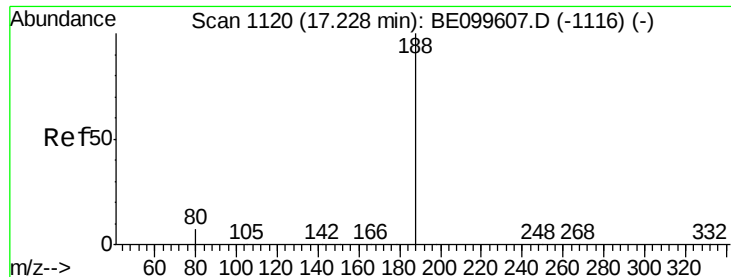


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

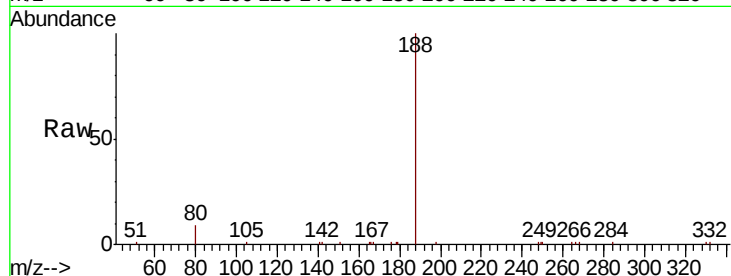
Tgt Ion:188 Resp: 14457

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

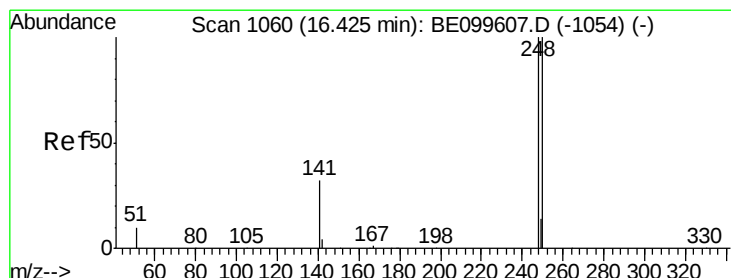
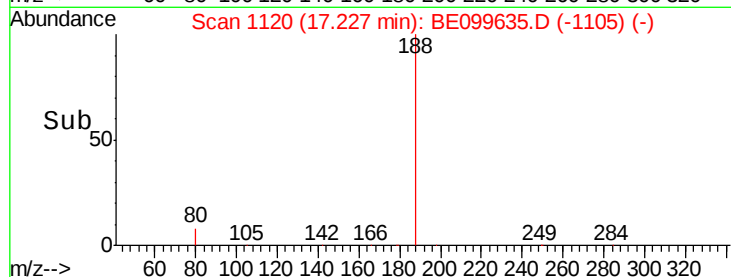
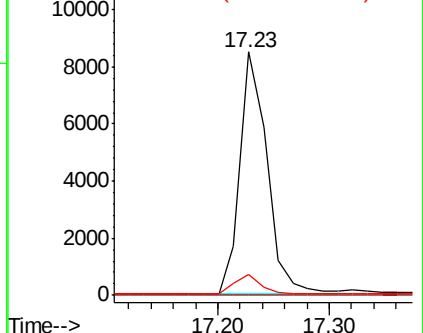
80 8.8 6.4 9.6



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: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

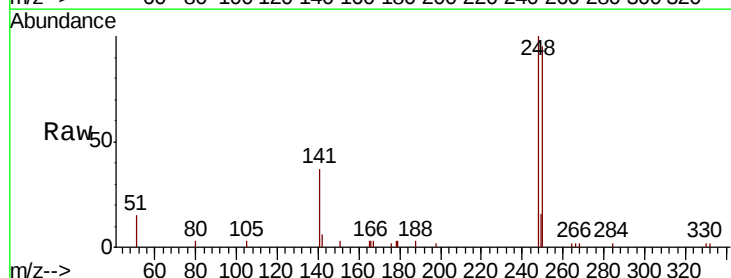
Tgt Ion:248 Resp: 3002

Ion Ratio Lower Upper

248 100

250 95.0 80.4 120.6

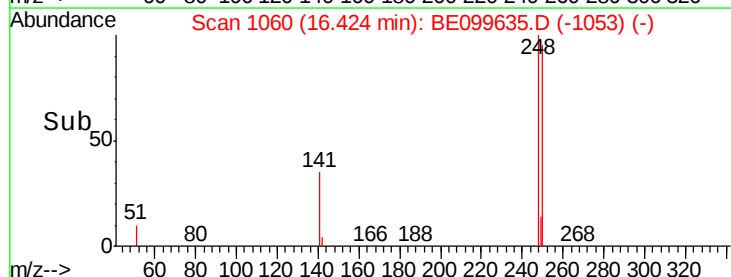
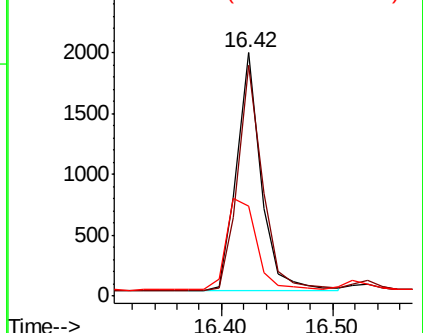
141 37.0 27.8 41.8

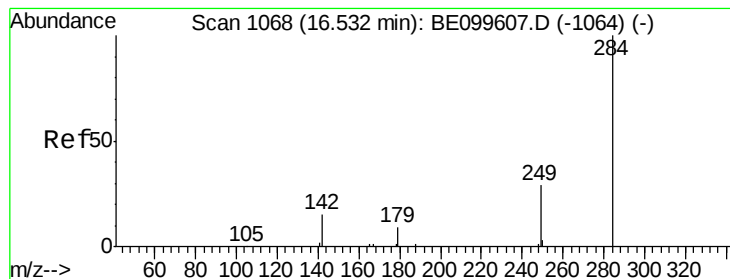


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.376 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

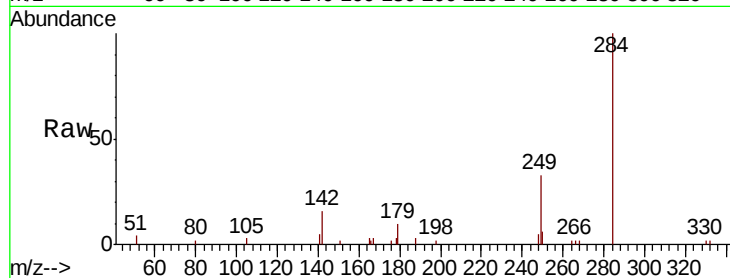
Tgt Ion:284 Resp: 3083

Ion Ratio Lower Upper

284 100

142 23.3 19.4 29.2

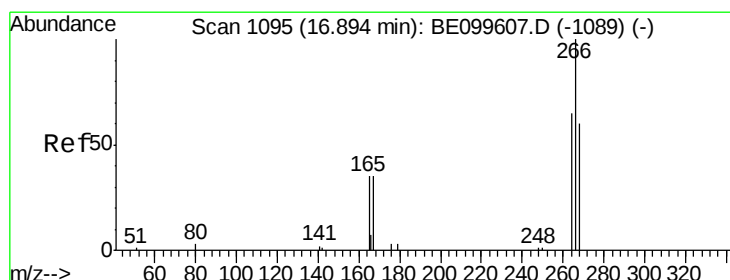
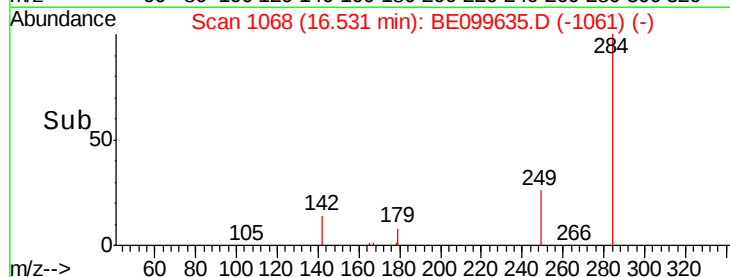
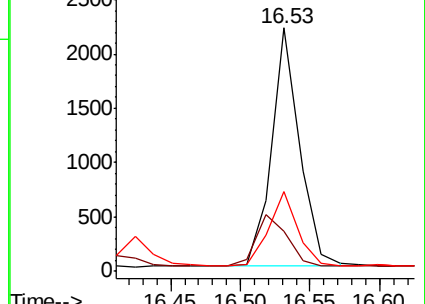
249 32.2 24.6 37.0



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: 0.454 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

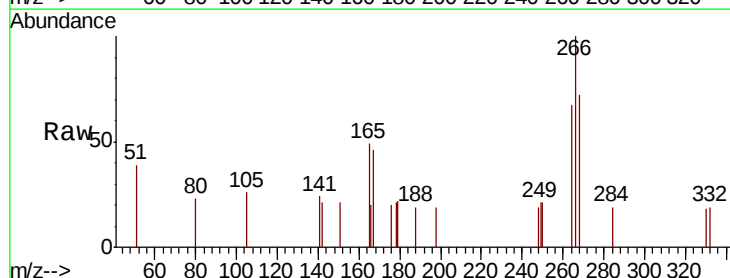
Tgt Ion:266 Resp: 852

Ion Ratio Lower Upper

266 100

264 67.5 57.7 86.5

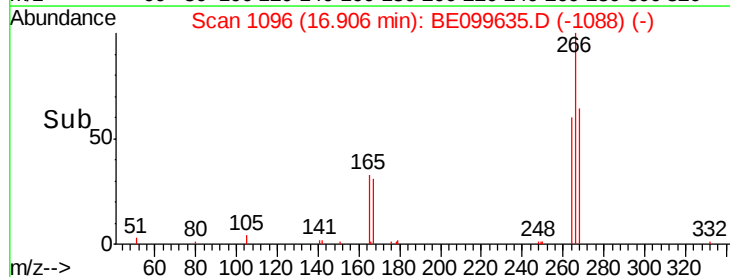
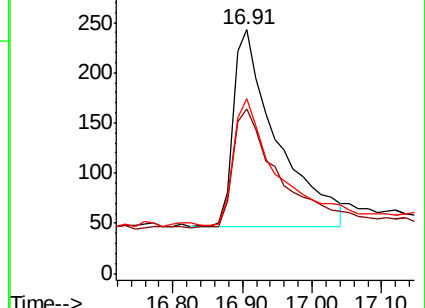
268 71.6 55.8 83.8



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: 0.364 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

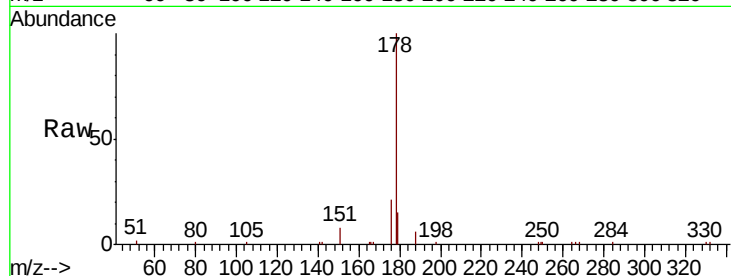
Tgt Ion:178 Resp: 13072

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

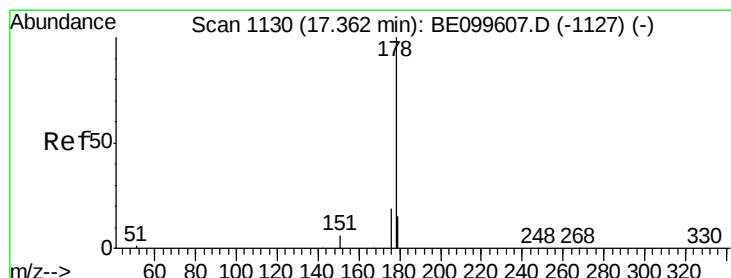
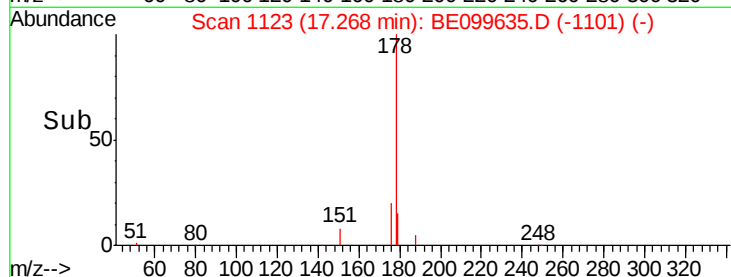
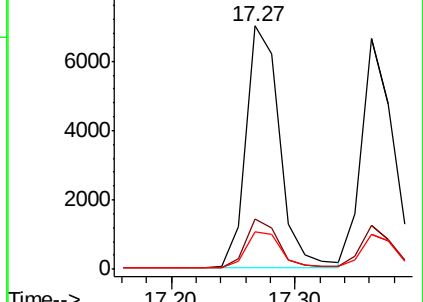
179 15.4 12.2 18.2



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: 0.347 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

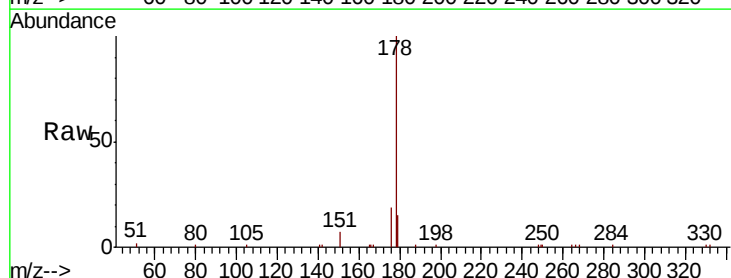
Tgt Ion:178 Resp: 11493

Ion Ratio Lower Upper

178 100

176 18.2 15.2 22.8

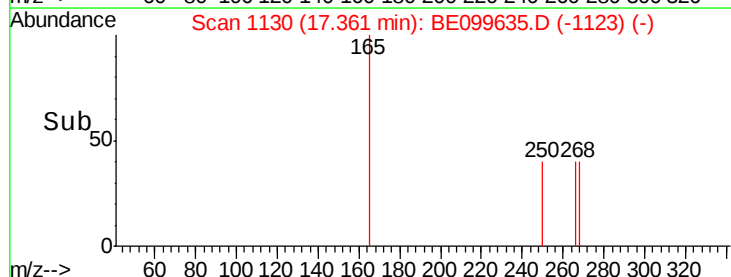
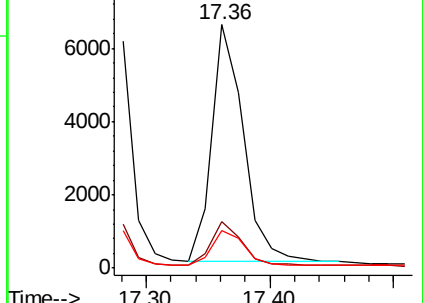
179 15.2 12.1 18.1

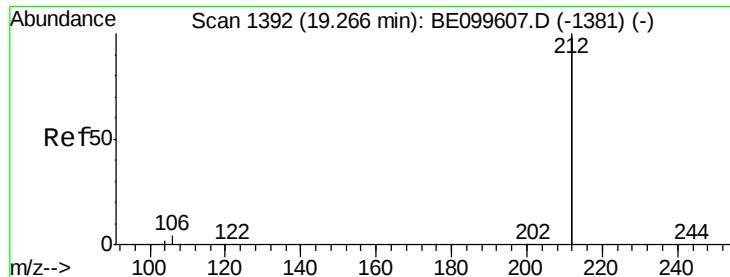


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.367 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

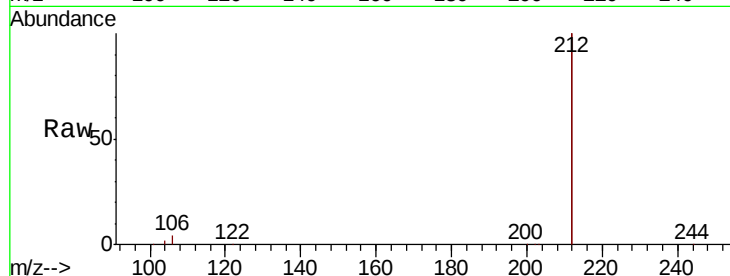
Tgt Ion:212 Resp: 70559

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

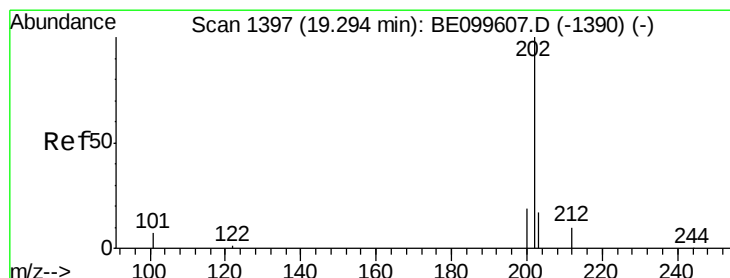
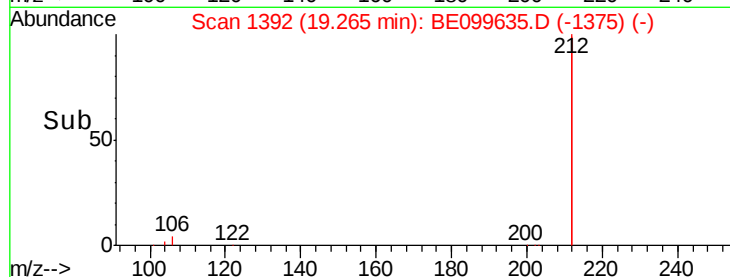
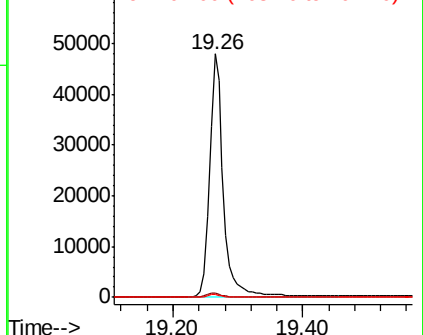
104 1.0 0.9 1.3



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: 0.372 ng

RT: 19.29 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

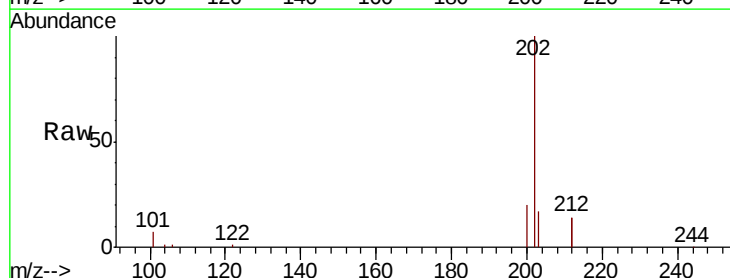
Tgt Ion:202 Resp: 20178

Ion Ratio Lower Upper

202 100

101 6.7 5.0 7.6

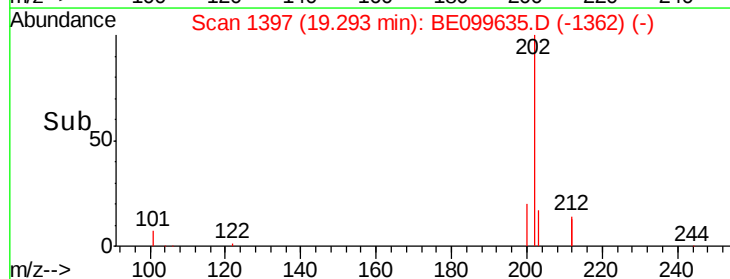
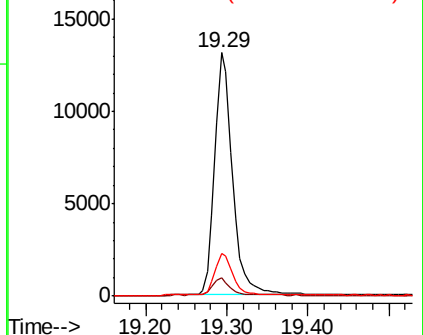
203 17.3 13.7 20.5



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: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

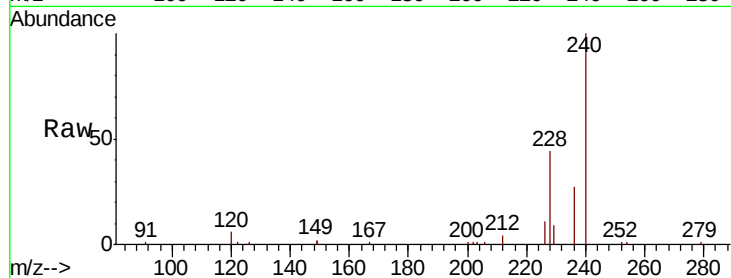
Tgt Ion:240 Resp: 19500

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

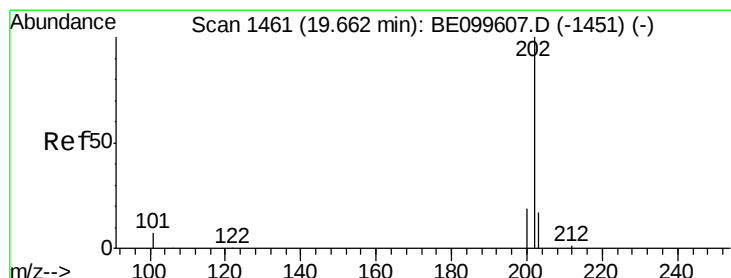
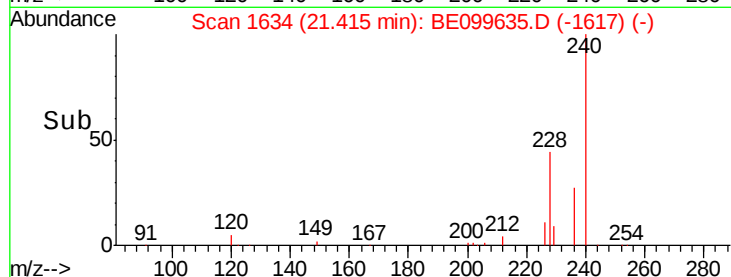
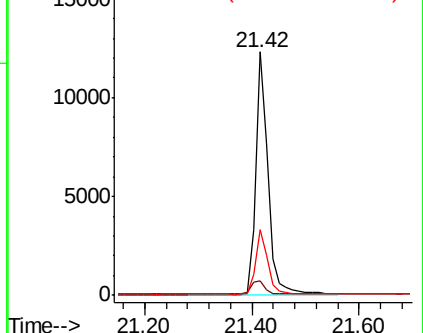
236 27.1 22.8 34.2



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: 0.417 ng

RT: 19.66 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

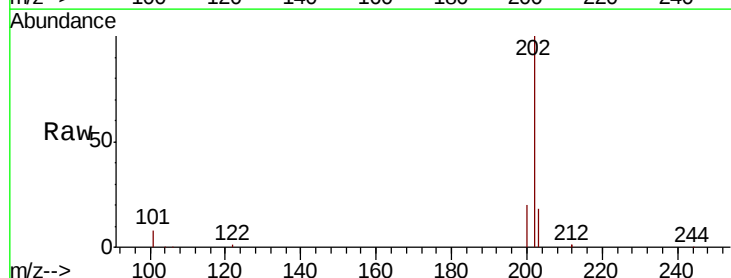
Tgt Ion:202 Resp: 20702

Ion Ratio Lower Upper

202 100

200 19.4 15.8 23.6

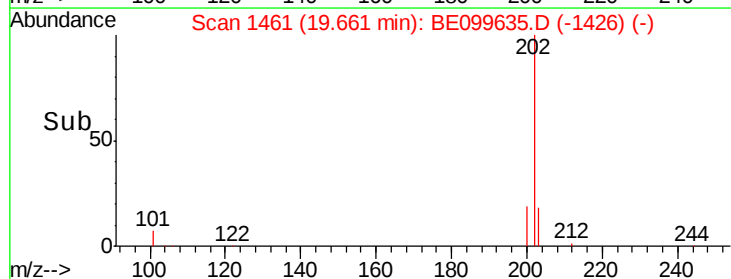
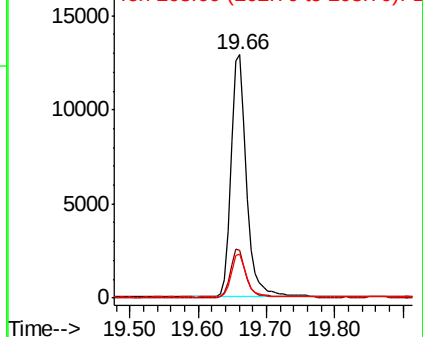
203 17.6 14.1 21.1

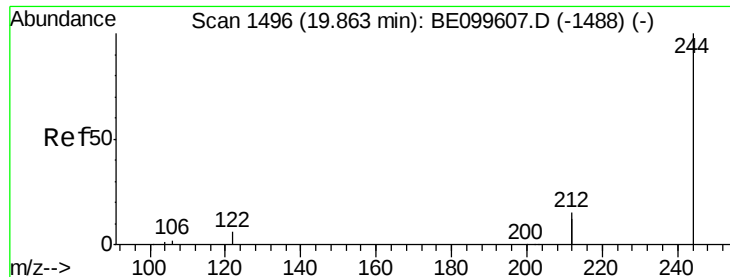


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.395 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

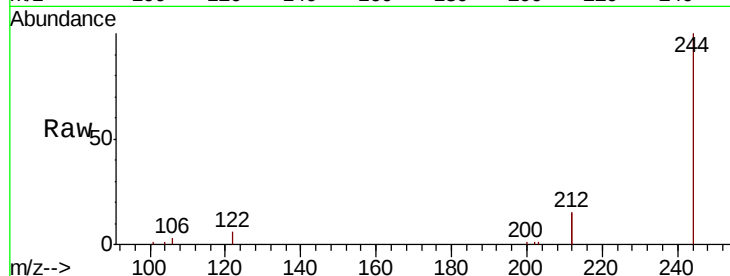
Tgt Ion:244 Resp: 13848

Ion Ratio Lower Upper

244 100

212 29.3 23.8 35.6

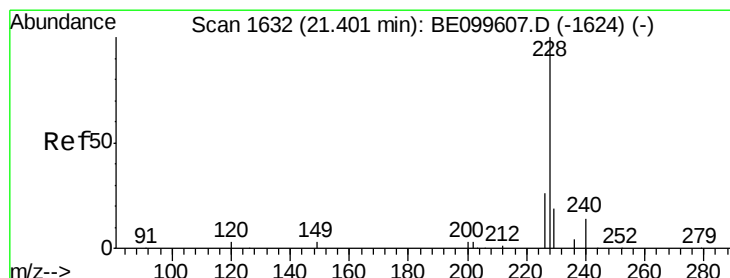
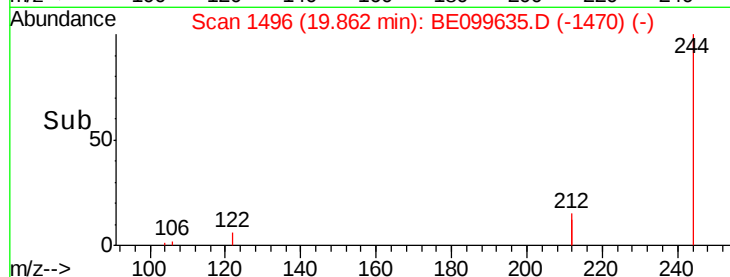
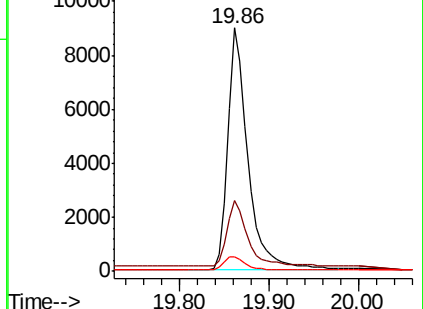
122 6.2 5.0 7.6



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: 0.384 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

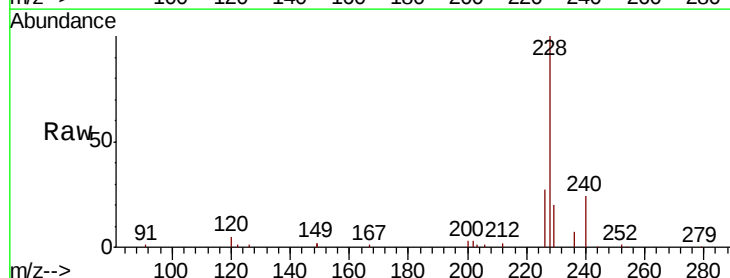
Tgt Ion:228 Resp: 22603

Ion Ratio Lower Upper

228 100

226 26.6 21.4 32.2

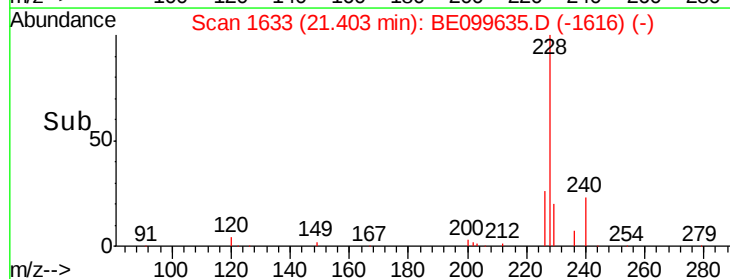
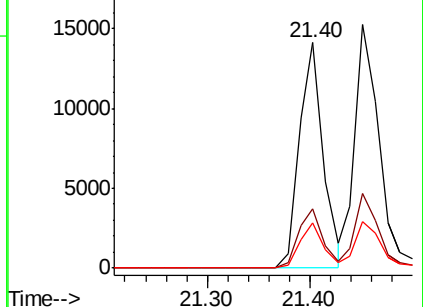
229 20.1 15.8 23.8

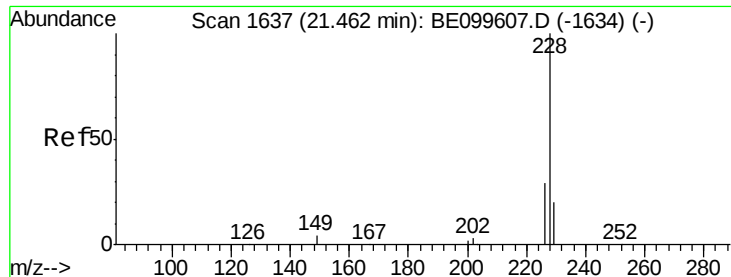


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.397 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

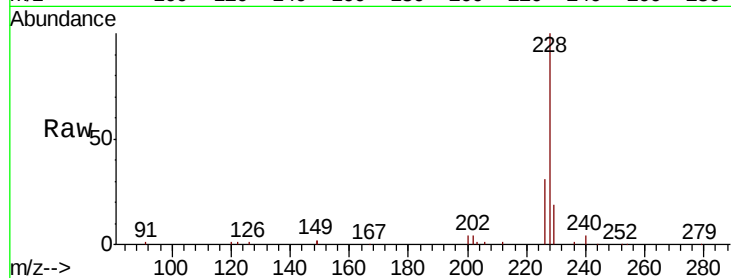
Tgt Ion:228 Resp: 24104

Ion Ratio Lower Upper

228 100

226 30.7 23.0 34.4

229 18.9 16.4 24.6

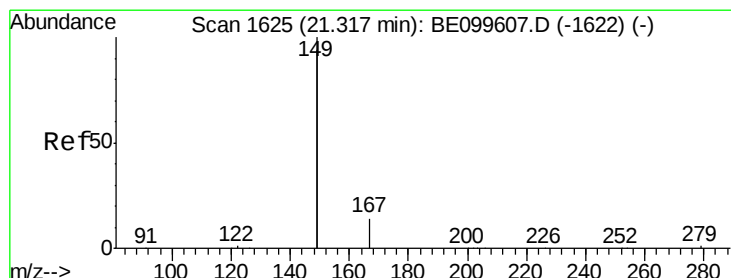
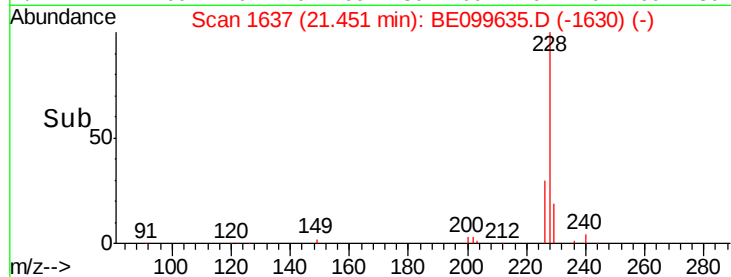
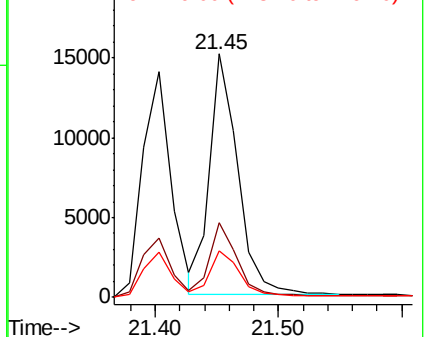


Abundance

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: 0.346 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

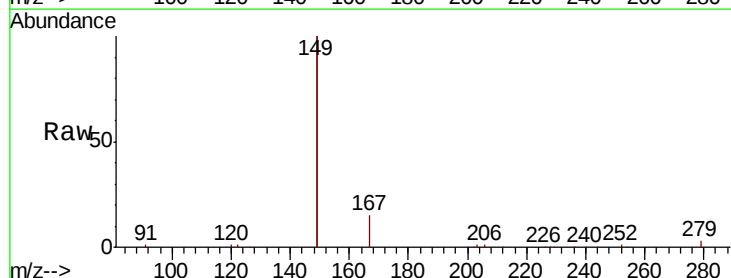
Tgt Ion:149 Resp: 31453

Ion Ratio Lower Upper

149 100

167 7.7 6.0 9.0

279 1.4 1.1 1.7

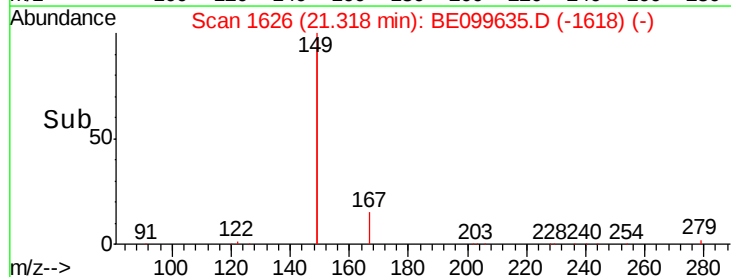
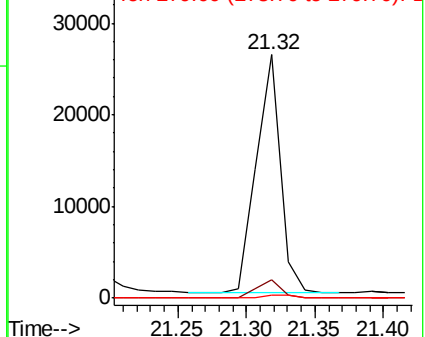


Abundance

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: 0.390 ng

RT: 26.65 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

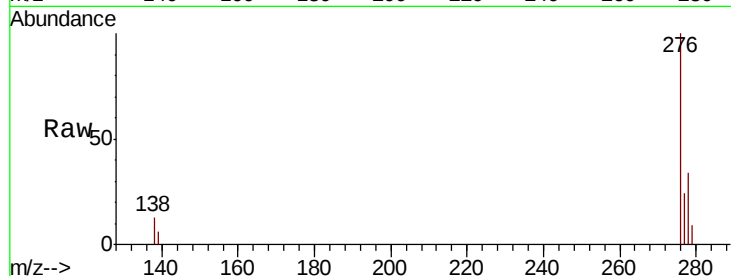
Tgt Ion:276 Resp: 29497

Ion Ratio Lower Upper

276 100

138 13.0 10.0 15.0

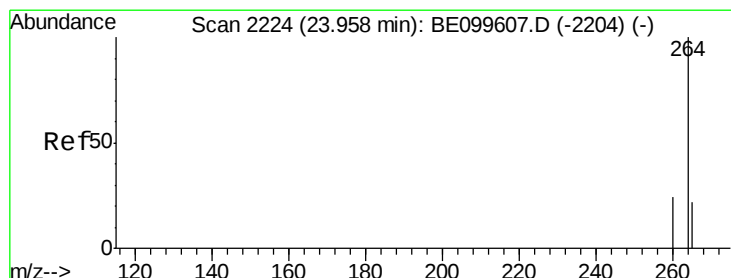
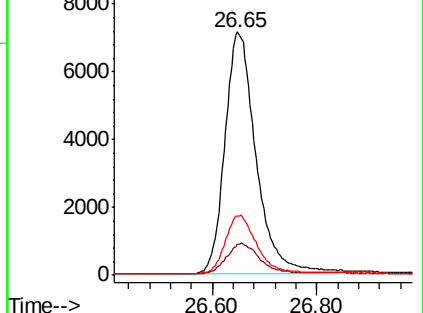
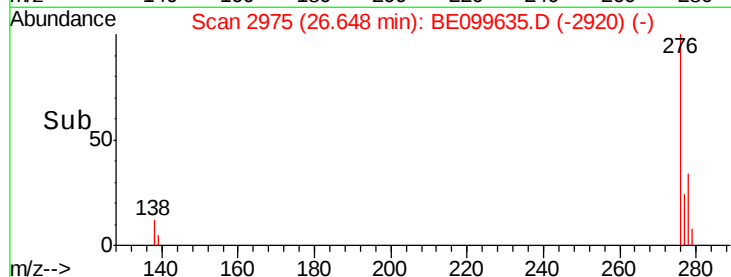
277 24.1 19.1 28.7



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: BE099635.D

Acq: 16 May 2019 23:16

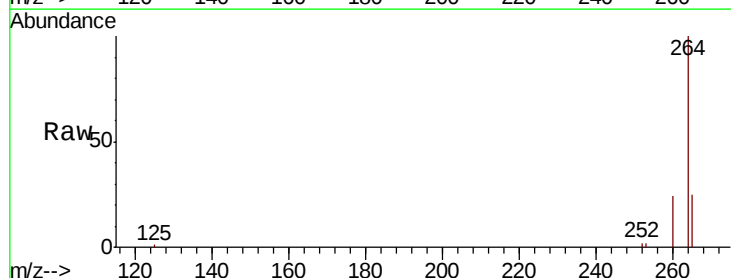
Tgt Ion:264 Resp: 23099

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

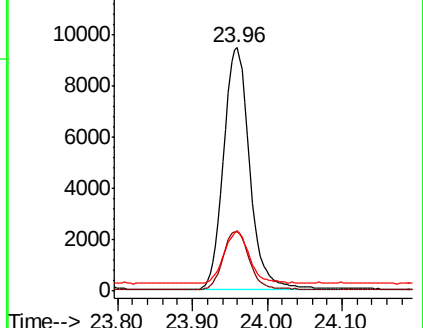
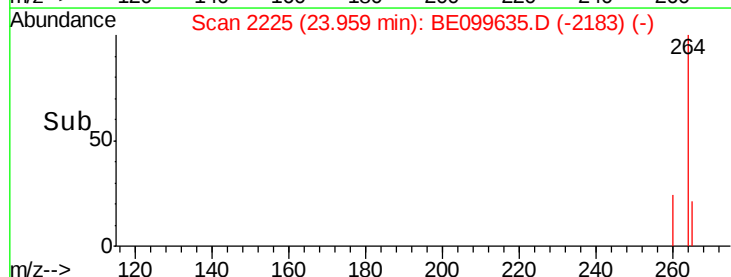
265 24.8 21.2 31.8



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: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

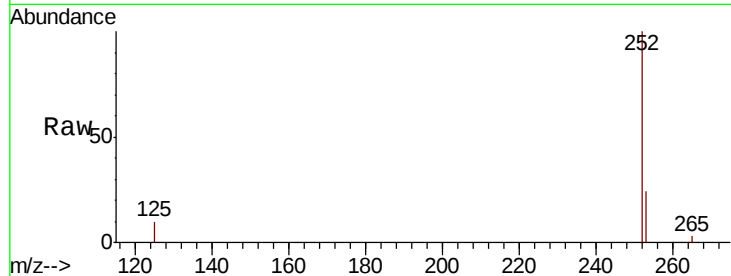
Tgt Ion:252 Resp: 23532

Ion Ratio Lower Upper

252 100

253 24.0 19.1 28.7

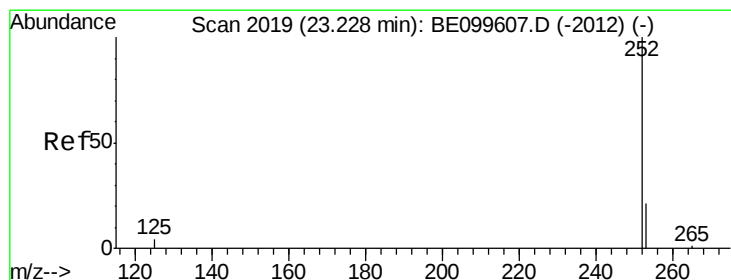
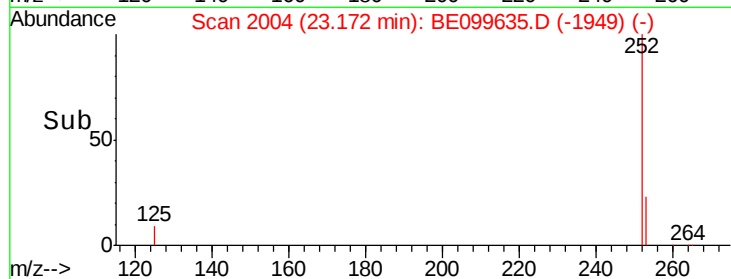
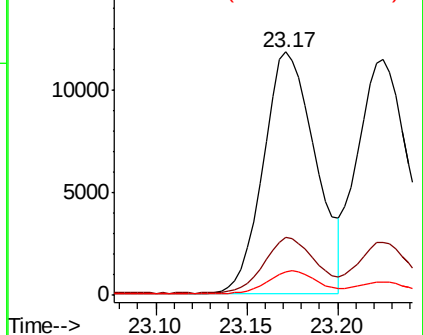
125 9.7 7.8 11.8



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



#36

Benzo(k)fluoranthene

Concen: 0.371 ng

RT: 23.23 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

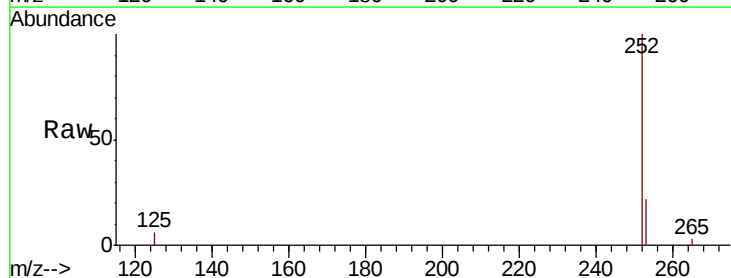
Tgt Ion:252 Resp: 23654

Ion Ratio Lower Upper

252 100

253 22.4 18.6 28.0

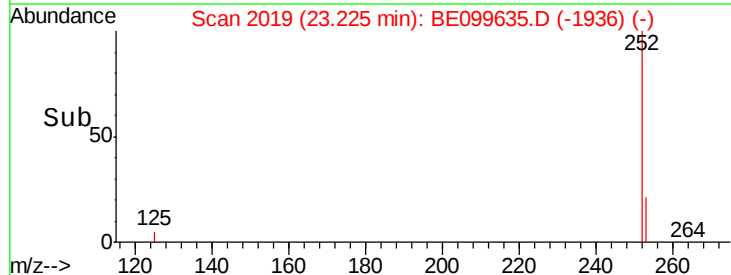
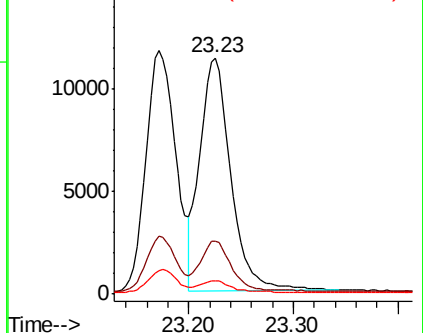
125 5.7 5.2 7.8

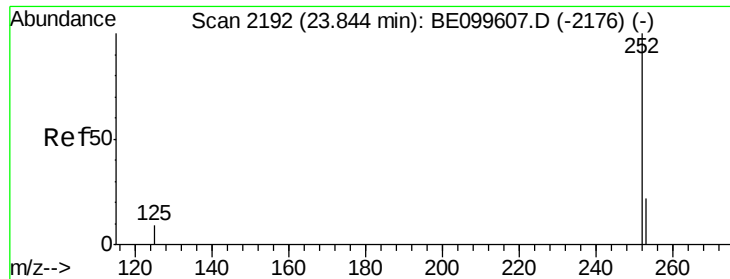


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.367 ng

RT: 23.84 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

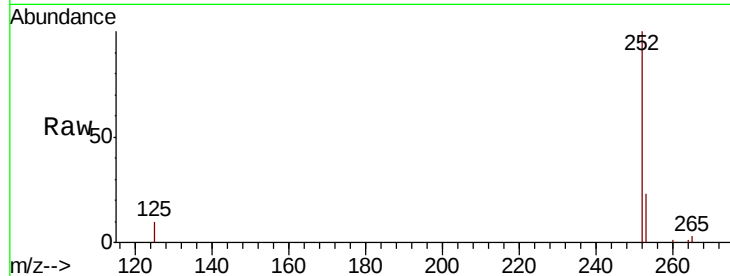
Tgt Ion: 252 Resp: 22944

Ion Ratio Lower Upper

252 100

253 22.9 19.0 28.6

125 10.2 8.8 13.2

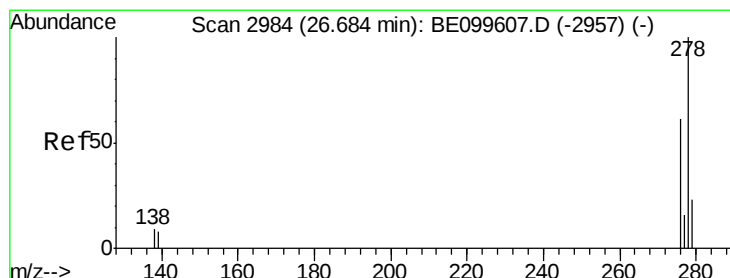
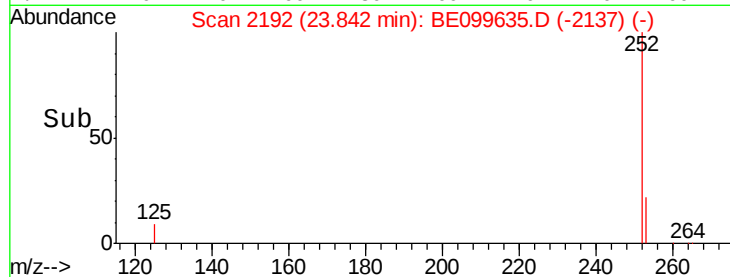
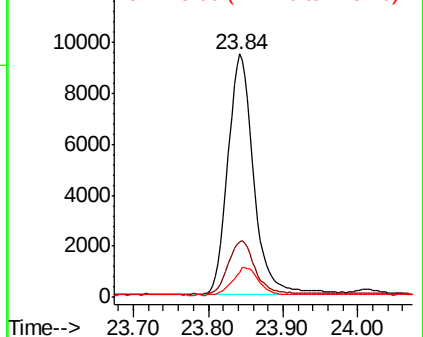


Abundance

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: 0.370 ng

RT: 26.68 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

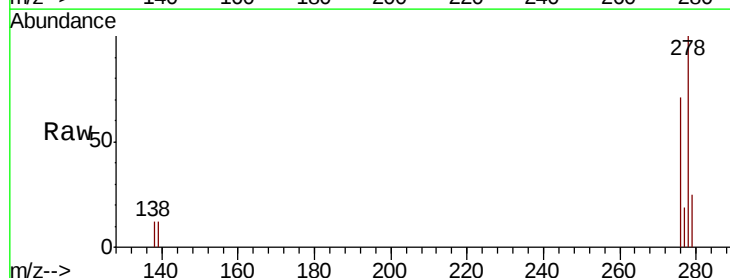
Tgt Ion: 278 Resp: 23992

Ion Ratio Lower Upper

278 100

139 11.8 7.9 11.9

279 24.7 19.5 29.3

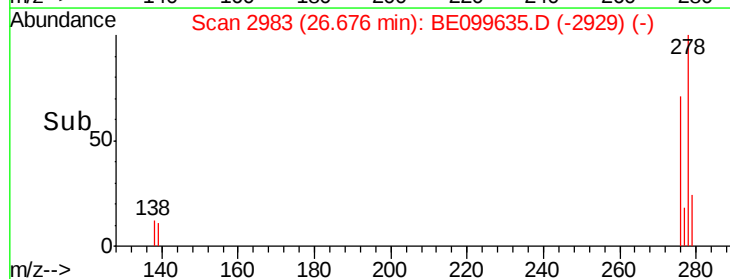
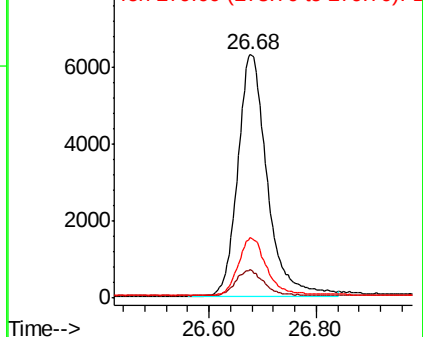


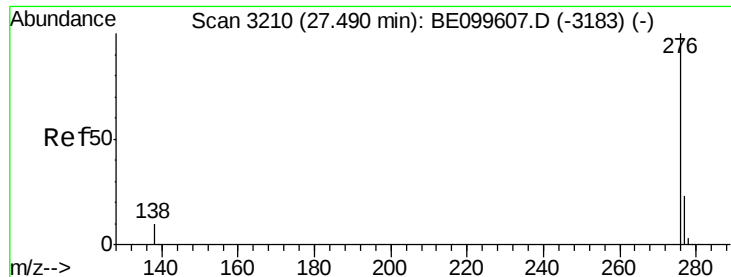
Abundance

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: 0.369 ng

RT: 27.48 min Scan# 3209

Delta R.T. -0.01 min

Lab File: BE099635.D

Acq: 16 May 2019 23:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

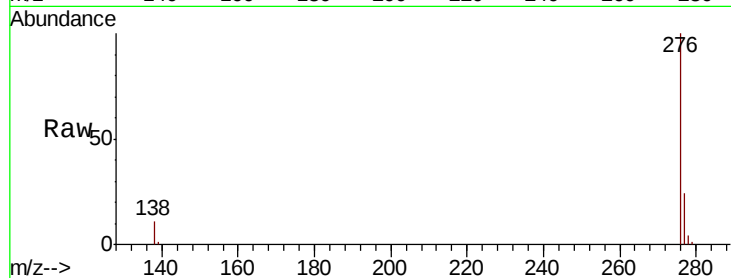
Tgt Ion: 276 Resp: 24084

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 11.3 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

