

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051519\
 Data File : BE099614.D
 Acq On : 15 May 2019 9:12
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4

Quant Time: May 15 23:40:24 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	1727	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	6092	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	4290	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12350	0.40	ng	0.00
27) Chrysene-d12	21.41	240	17861	0.40	ng	0.00
34) Perylene-d12	23.96	264	21456	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1753	0.36	ng	0.00
5) Phenol-d6	6.98	99	2247	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	2069	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3722	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	932	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	5874	0.36	ng	0.00
25) Fluoranthene-d10	19.27	212	60152	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	12164	0.38	ng	0.00

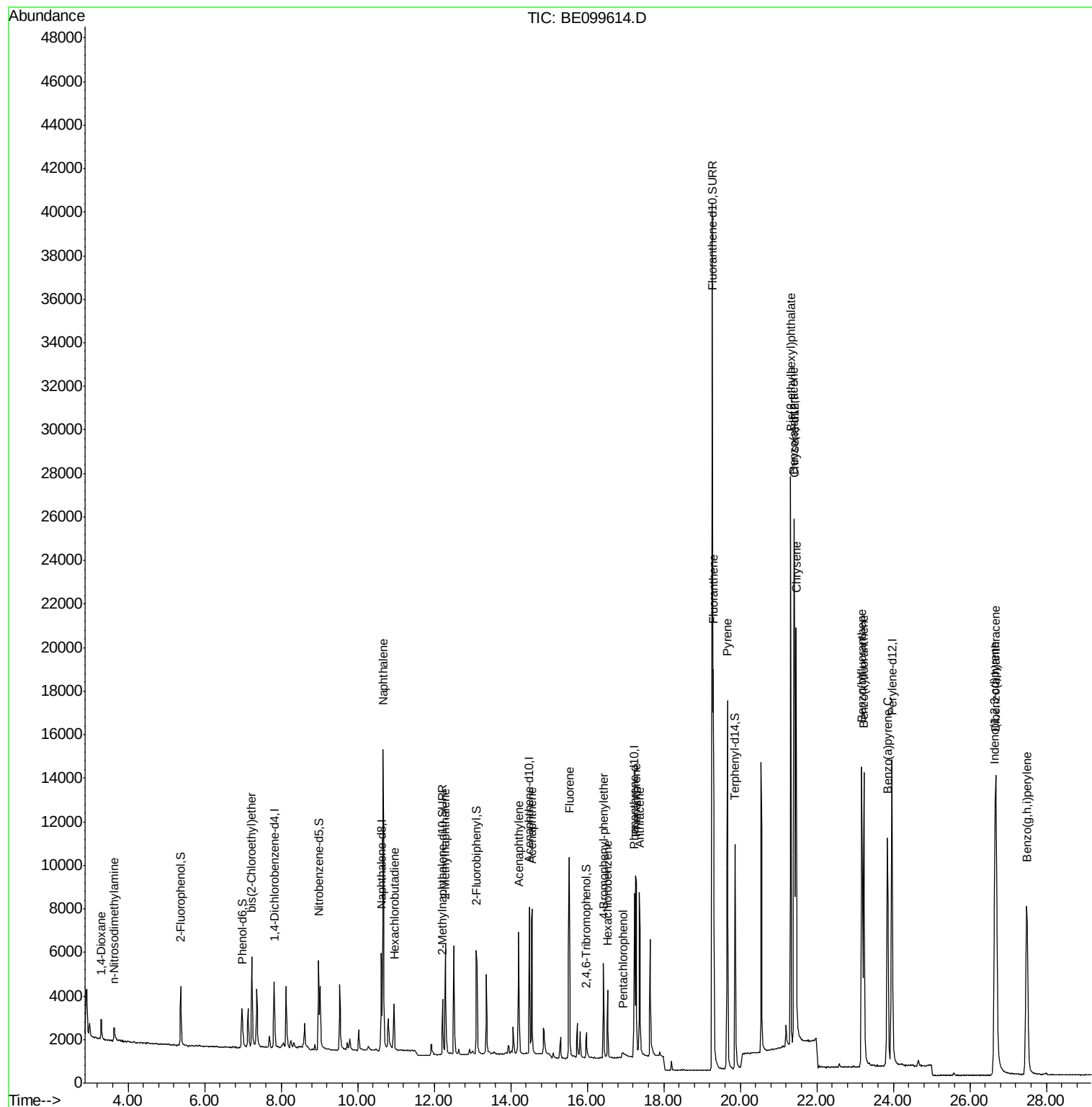
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	956	0.375	ng	94
3) n-Nitrosodimethylamine	3.63	42	527	0.324	ng	# 98
6) bis(2-Chloroethyl)ether	7.23	93	1894	0.362	ng	95
9) Naphthalene	10.67	128	23914	0.369	ng	99
10) Hexachlorobutadiene	10.95	225	1698	0.358	ng	98
12) 2-Methylnaphthalene	12.29	142	3868	0.361	ng	98
16) Acenaphthylene	14.21	152	7146	0.353	ng	99
17) Acenaphthene	14.56	154	4088	0.358	ng	100
18) Fluorene	15.53	166	5922	0.361	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	2530	0.355	ng	96
21) Hexachlorobenzene	16.53	284	2581	0.369	ng	97
22) Pentachlorophenol	16.93	266	471	0.391	ng	94
23) Phenanthrene	17.28	178	11094	0.362	ng	99
24) Anthracene	17.36	178	9513	0.336	ng	100
26) Fluoranthene	19.30	202	16964	0.366	ng	99
28) Pyrene	19.66	202	17987	0.395	ng	99
30) Benzo(a)anthracene	21.40	228	20307	0.376	ng	100
31) Chrysene	21.46	228	21947	0.395	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	27164	0.326	ng	100
33) Indeno(1,2,3-cd)pyrene	26.65	276	27067	0.391	ng	100
35) Benzo(b)fluoranthene	23.18	252	21427	0.357	ng	# 97
36) Benzo(k)fluoranthene	23.23	252	21698	0.366	ng	99
37) Benzo(a)pyrene	23.85	252	21058	0.362	ng	# 97
38) Dibenzo(a,h)anthracene	26.68	278	21641	0.359	ng	100
39) Benzo(g,h,i)perylene	27.49	276	22469	0.371	ng	99

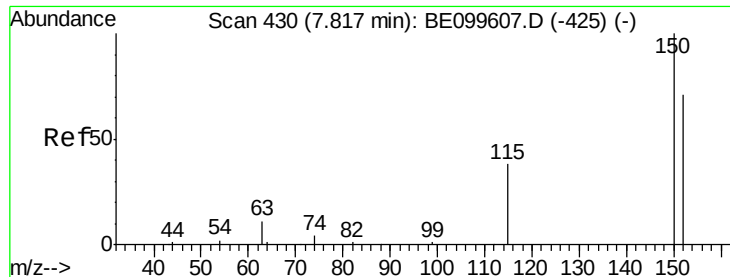
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051519\
Data File : BE099614.D
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: May 15 23:40:24 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: BE099614.D

Acq: 15 May 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

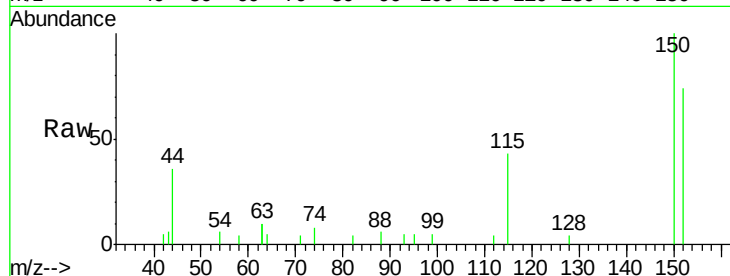
Tot Ion:152 Resp: 1727

Ion Ratio Lower Upper

152 100

150 135.0 110.1 165.1

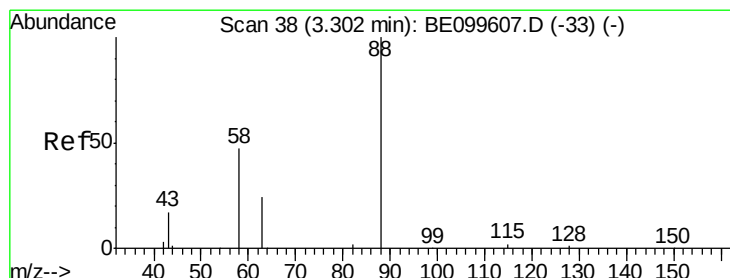
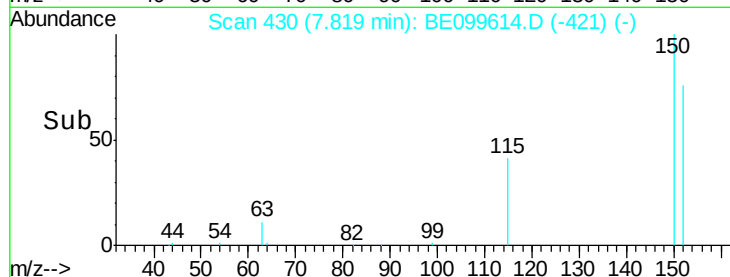
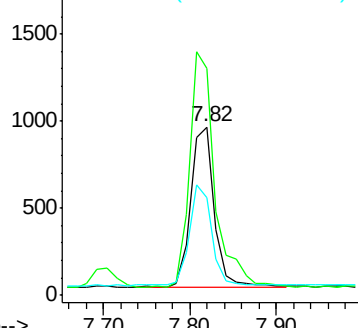
115 57.9 46.2 69.4



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: 0.375 ng

RT: 3.30 min Scan# 38

Delta R.T. 0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

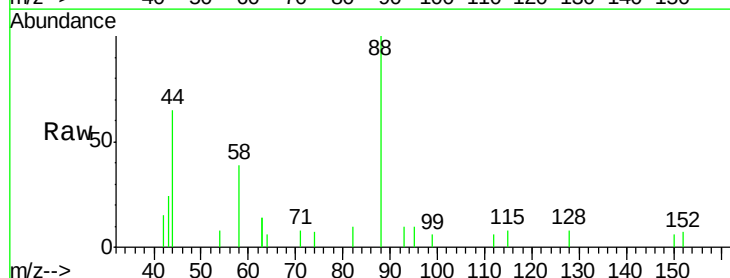
Tgt Ion: 88 Resp: 956

Ion Ratio Lower Upper

88 100

58 55.0 39.8 59.6

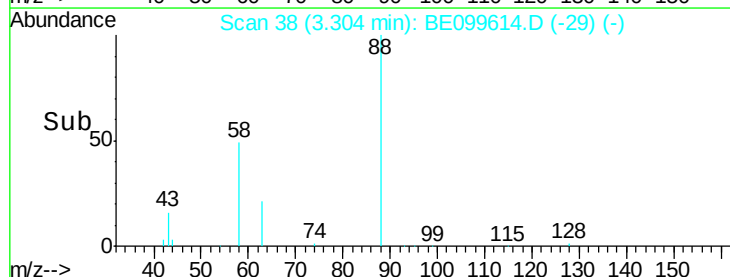
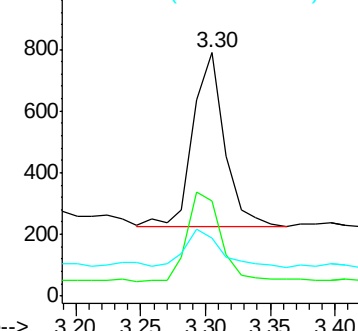
43 24.5 21.0 31.6

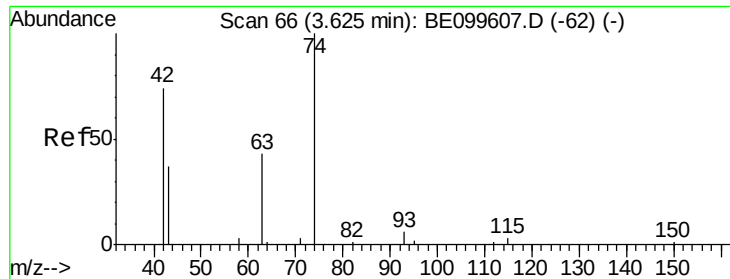


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.324 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

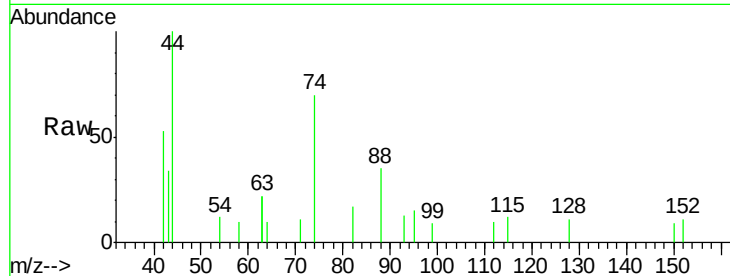
Tot Ion: 42 Resp: 527

Ion Ratio Lower Upper

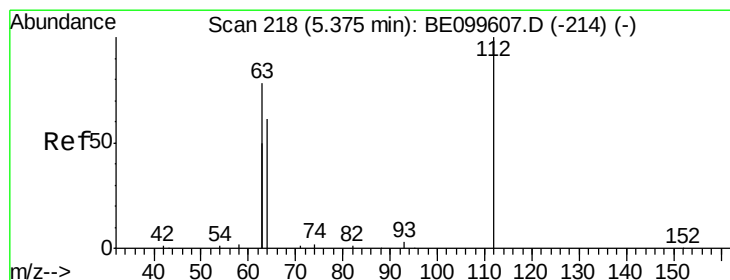
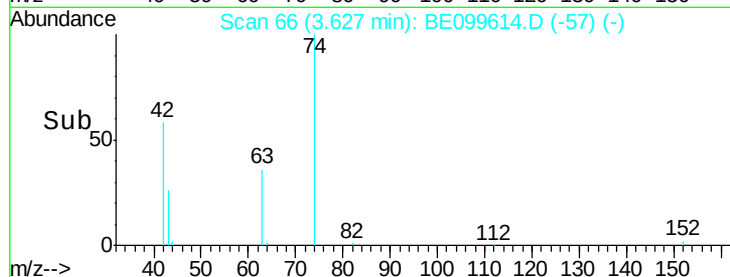
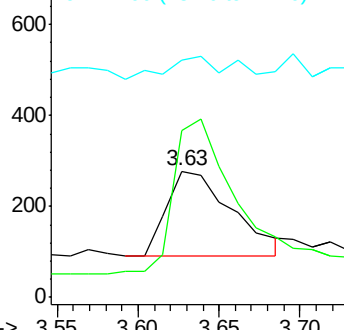
42 100

74 167.7 134.7 202.1

44 24.3 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: 0.358 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

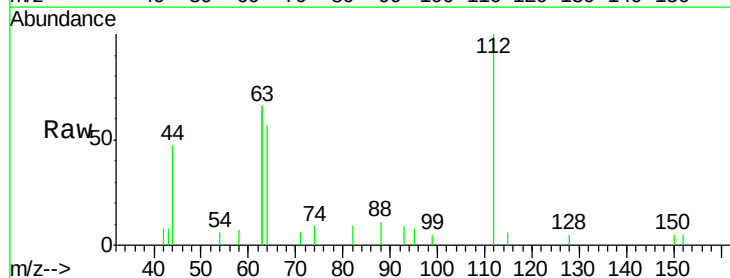
Tgt Ion: 112 Resp: 1753

Ion Ratio Lower Upper

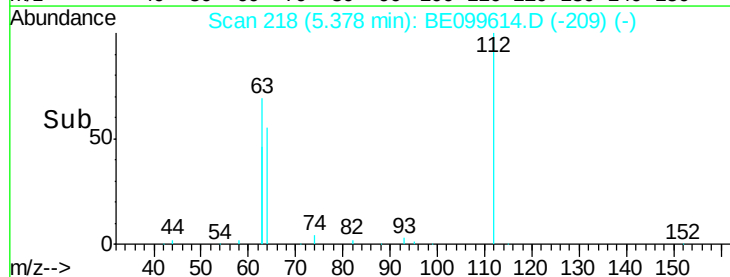
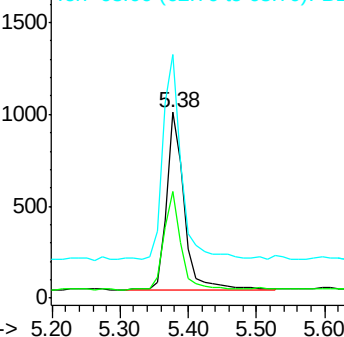
112 100

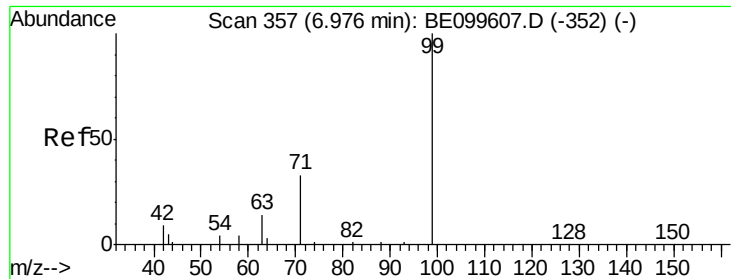
64 53.7 43.7 65.5

63 118.0 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: 0.362 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

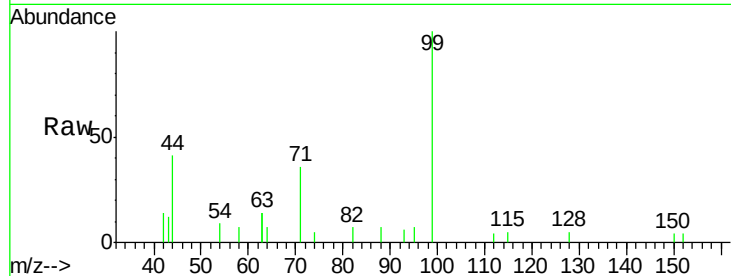
Tot Ion: 99 Resp: 2247

Ion Ratio Lower Upper

99 100

42 13.9 14.3 21.5#

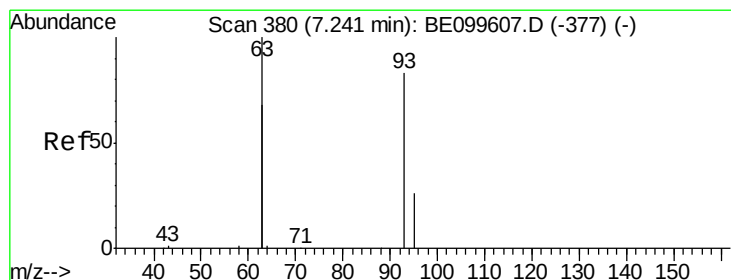
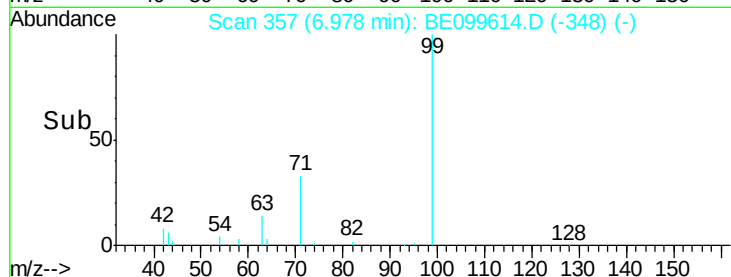
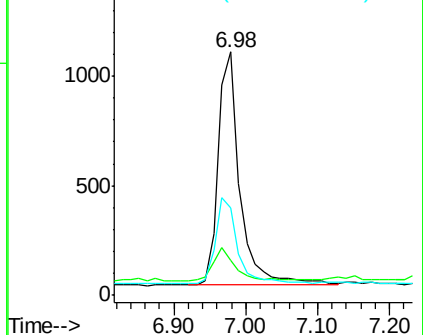
71 37.8 33.1 49.7



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: 0.362 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

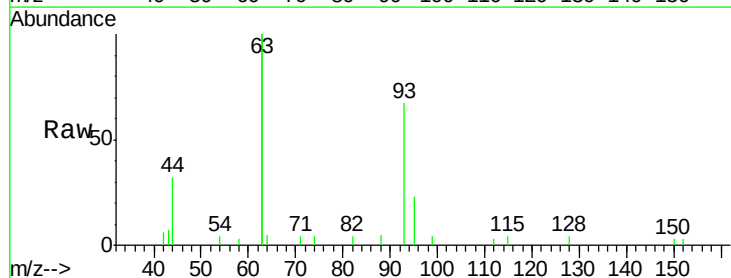
Tgt Ion: 93 Resp: 1894

Ion Ratio Lower Upper

93 100

63 260.7 201.0 301.4

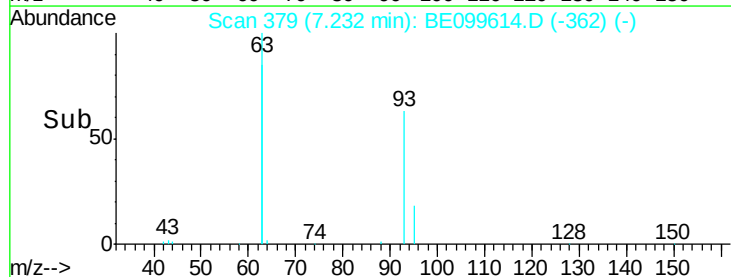
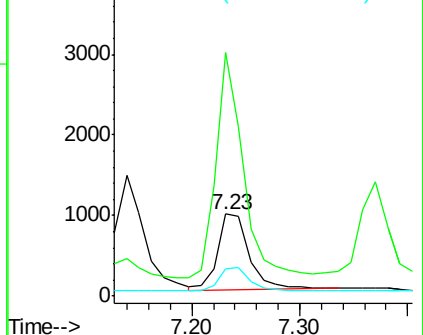
95 31.7 25.0 37.4

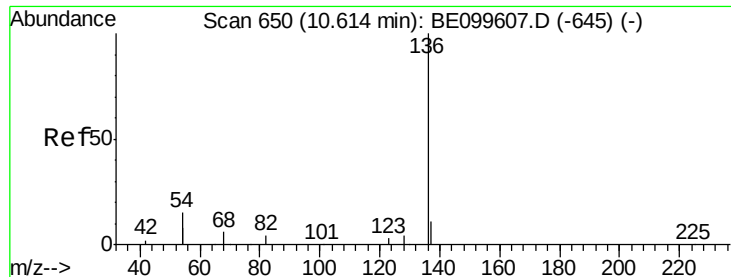


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099614.D

Acq: 15 May 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 6092

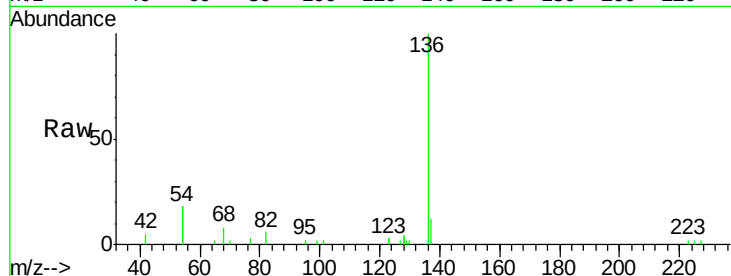
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 35.1 23.8 35.8

68 8.3 6.2 9.2

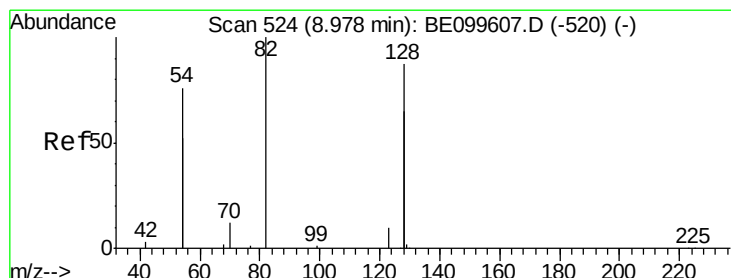
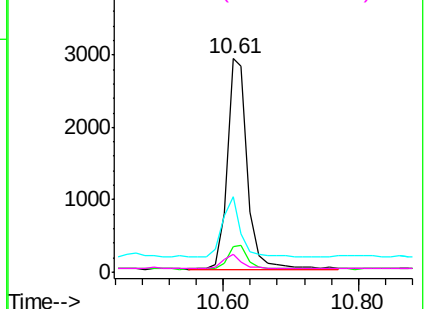
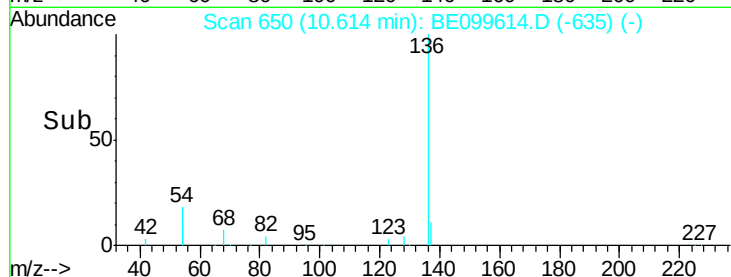


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.351 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

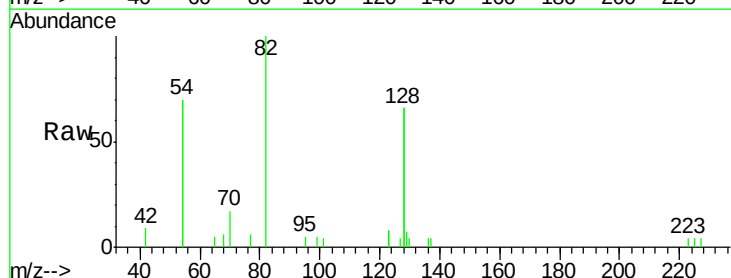
Tgt Ion: 82 Resp: 2069

Ion Ratio Lower Upper

82 100

128 132.0 131.4 197.2

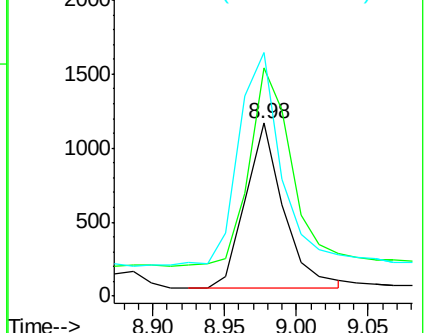
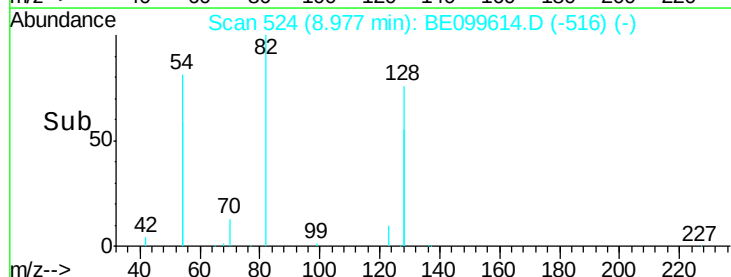
54 140.8 113.9 170.9

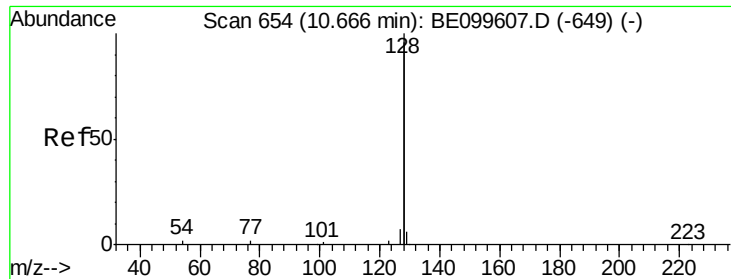


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE099614.D

Acq: 15 May 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

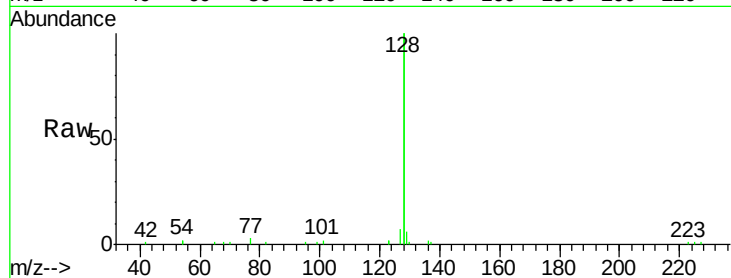
Tot Ion:128 Resp: 23914

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

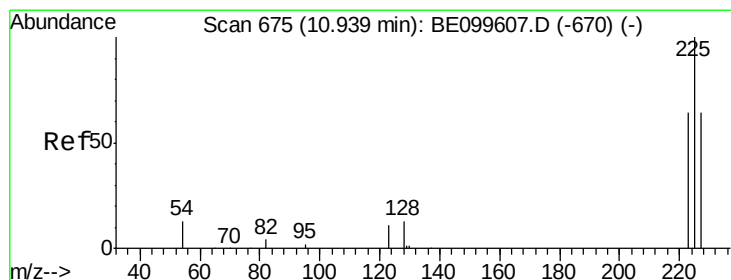
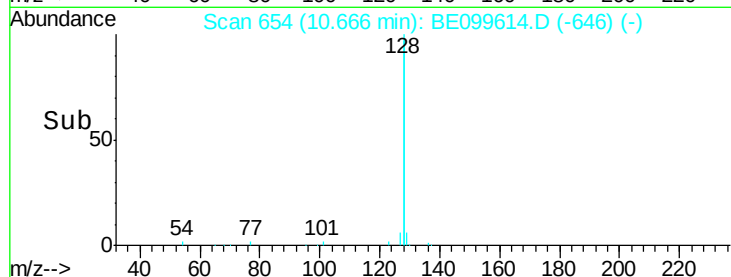
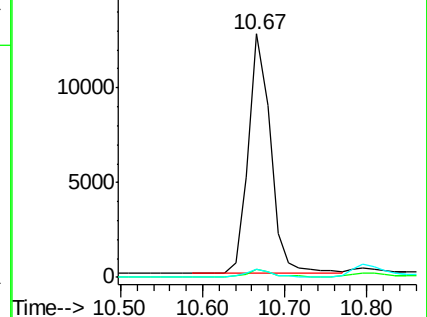
127 3.5 3.0 4.6



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: 0.358 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.01 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

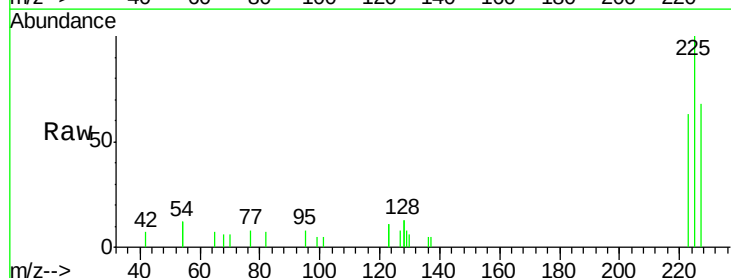
Tgt Ion:225 Resp: 1698

Ion Ratio Lower Upper

225 100

223 64.5 49.8 74.8

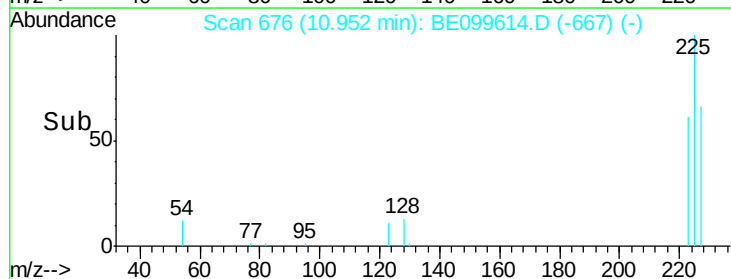
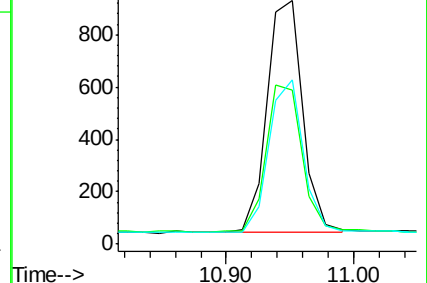
227 63.6 51.2 76.8

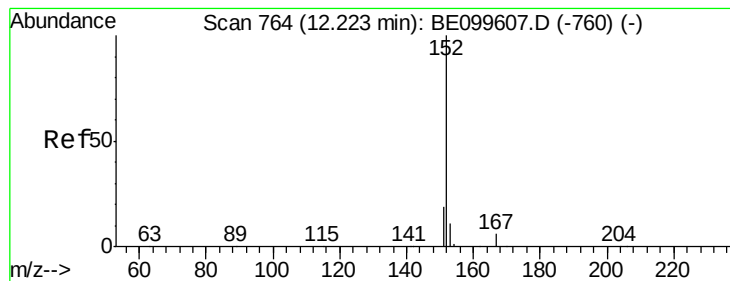


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.363 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

Instrument :

BNA_E

ClientSampleId :

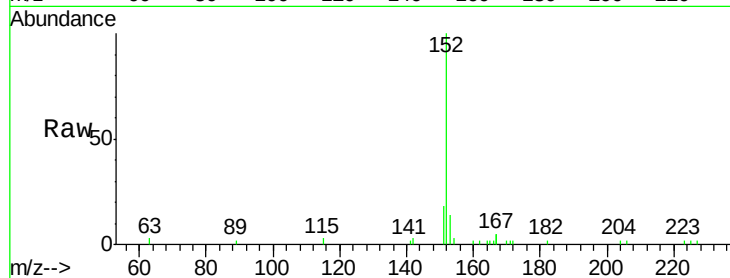
SSTDCCC0.4

Tot Ion:152 Resp: 3722

Ion Ratio Lower Upper

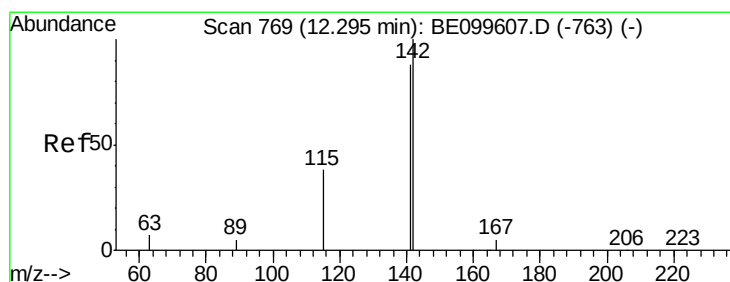
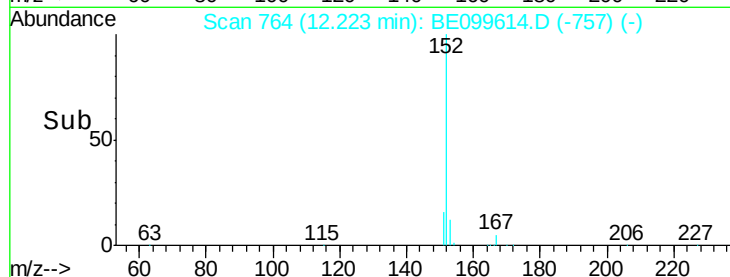
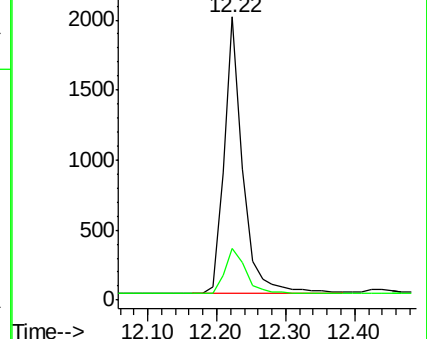
152 100

151 18.8 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: 0.361 ng

RT: 12.29 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

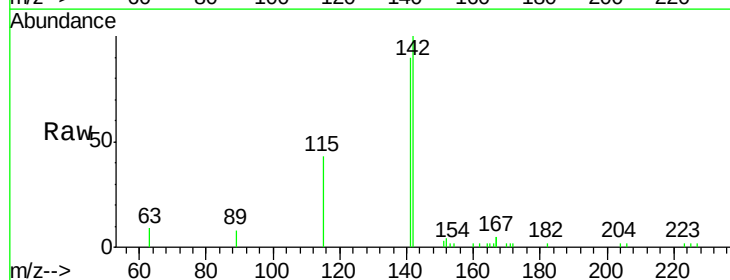
Tgt Ion:142 Resp: 3868

Ion Ratio Lower Upper

142 100

141 89.7 70.4 105.6

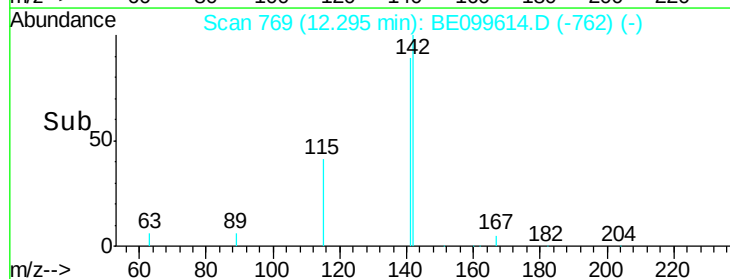
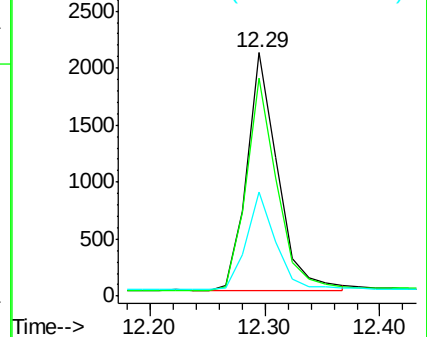
115 42.5 32.2 48.4

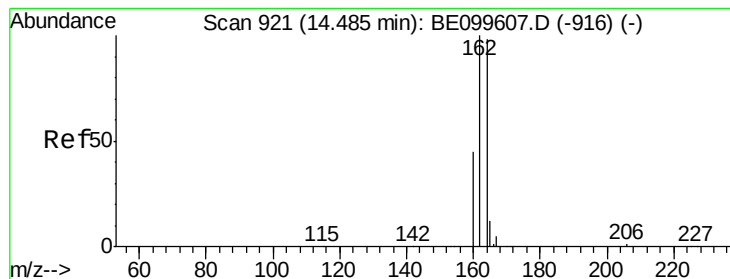


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.48 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

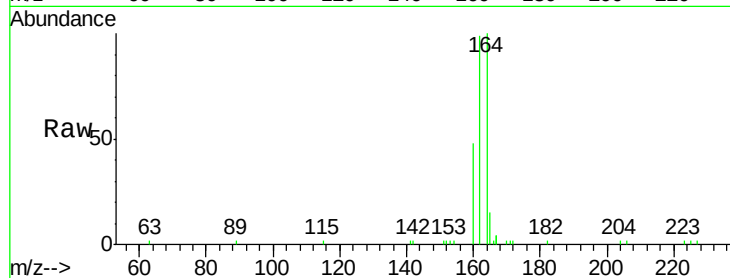
Tot Ion:164 Resp: 4290

Ion Ratio Lower Upper

164 100

162 98.6 81.4 122.0

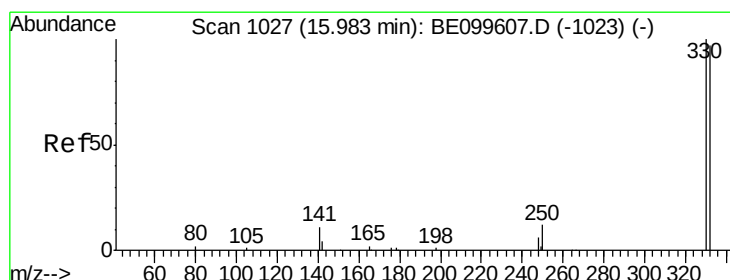
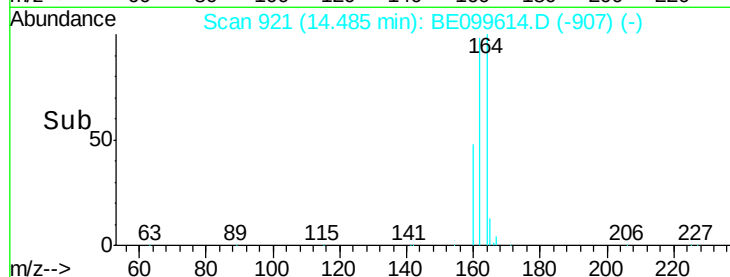
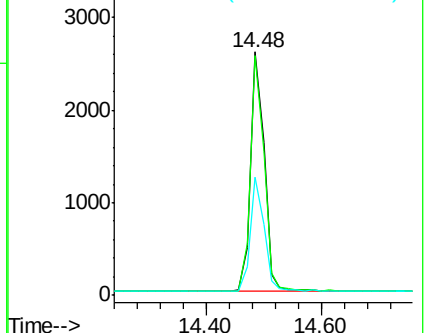
160 48.4 37.4 56.2



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: 0.318 ng

RT: 15.98 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

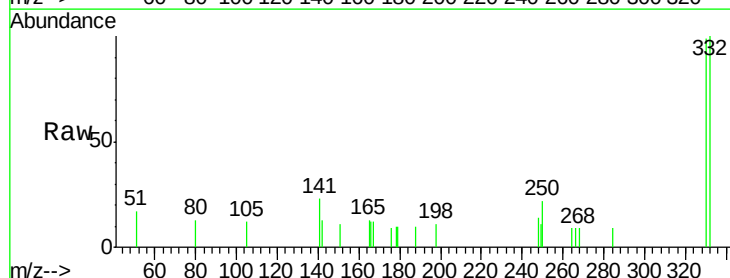
Tgt Ion:330 Resp: 932

Ion Ratio Lower Upper

330 100

332 99.1 73.8 110.8

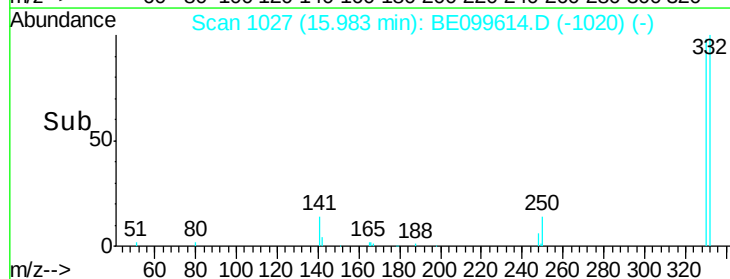
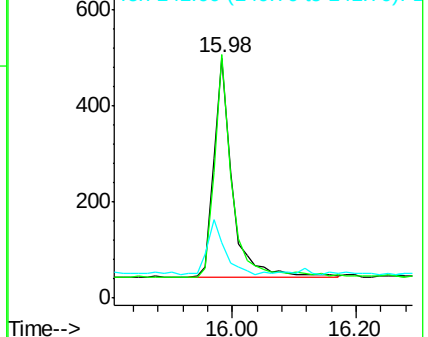
141 25.2 21.0 31.6

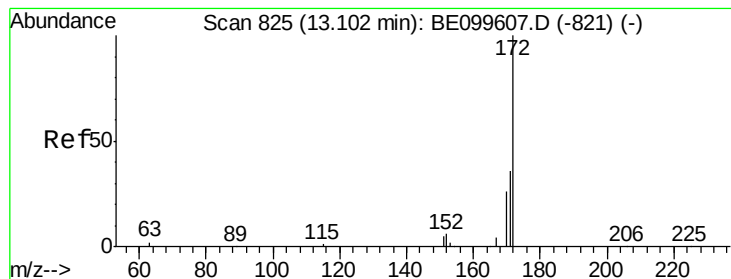


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

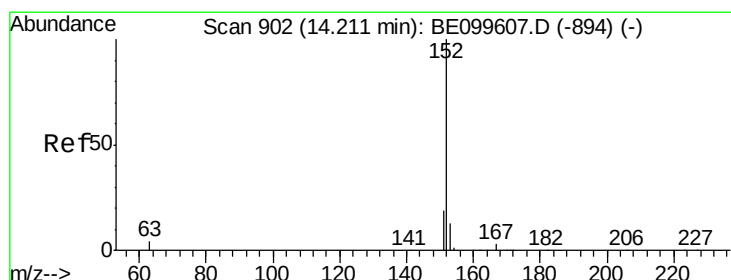
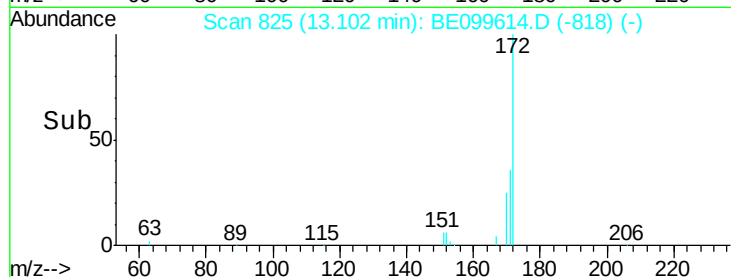
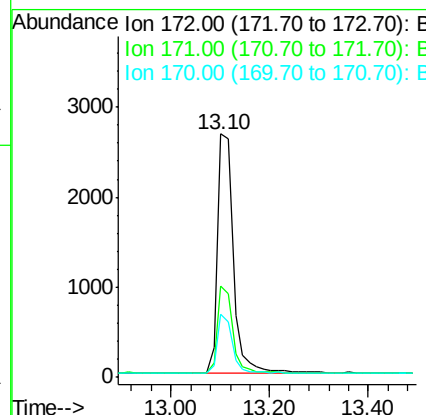
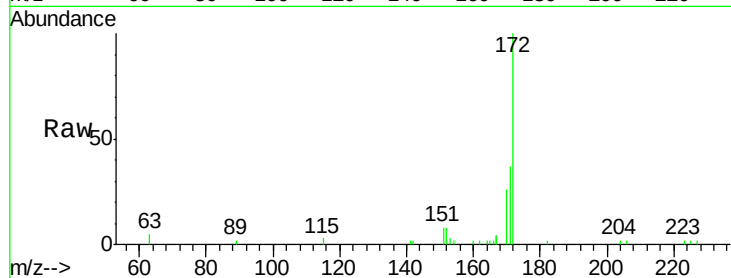




#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099614.D
Acq: 15 May 2019 9:12

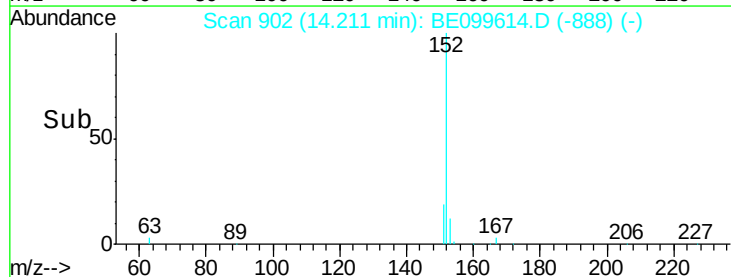
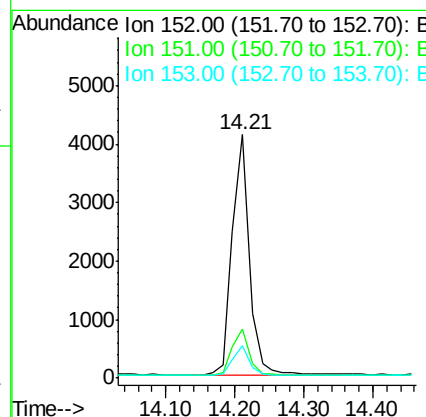
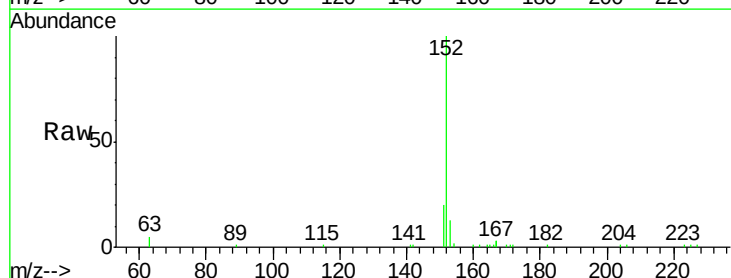
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

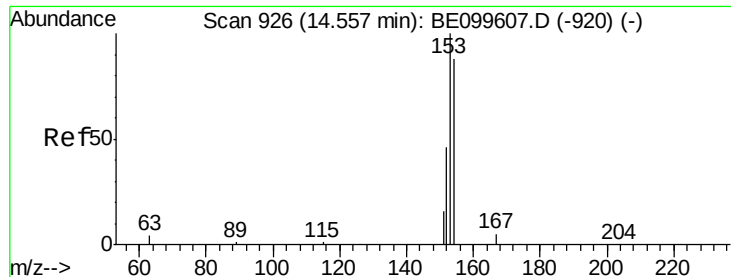
Tot Ion:172 Resp: 5874
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.2
170 26.2 21.5 32.3



#16
Acenaphthylene
Concen: 0.353 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099614.D
Acq: 15 May 2019 9:12

Tgt Ion:152 Resp: 7146
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 12.3 10.4 15.6

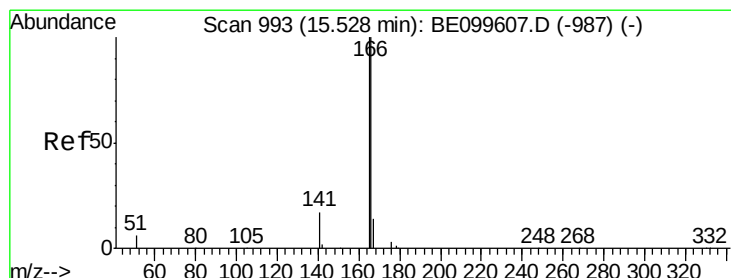
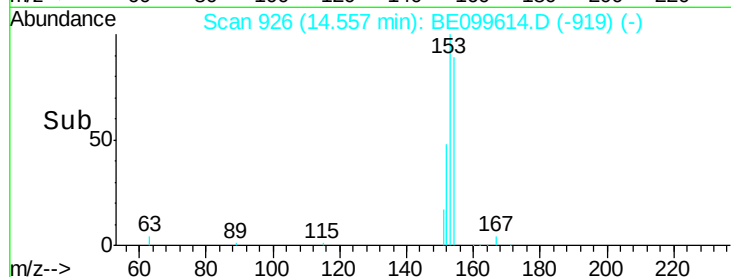
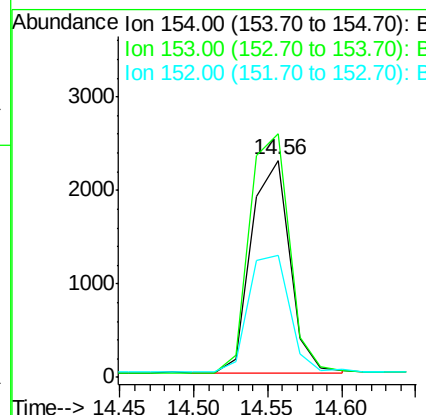
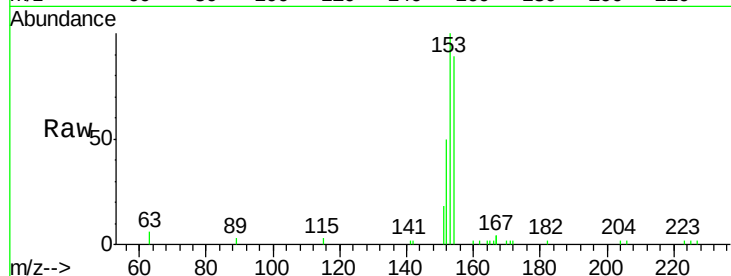




#17
Acenaphthene
Concen: 0.358 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099614.D
Acq: 15 May 2019 9:12

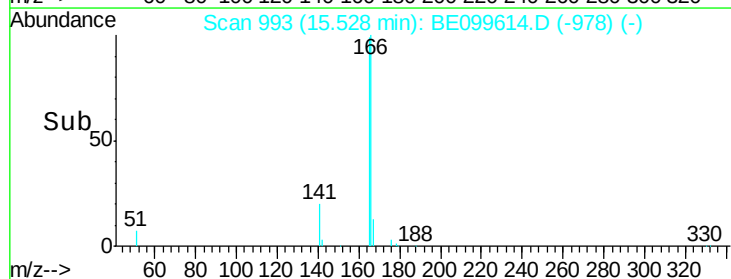
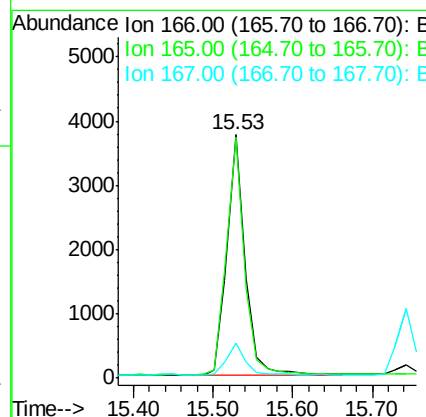
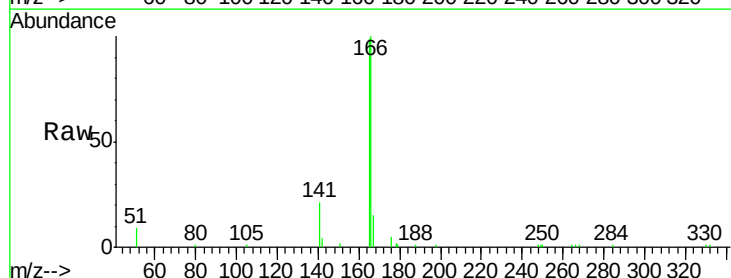
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

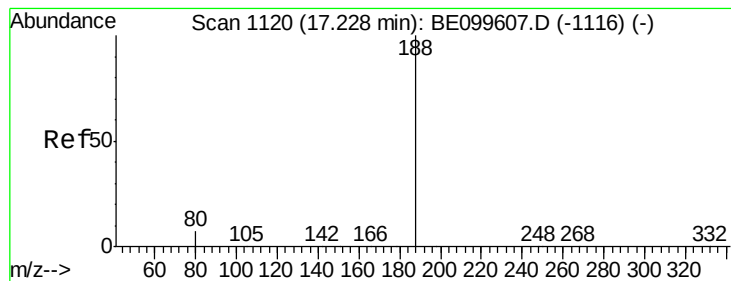
Tot Ion:154 Resp: 4088
Ion Ratio Lower Upper
154 100
153 117.3 94.1 141.1
152 58.7 46.5 69.7



#18
Fluorene
Concen: 0.361 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099614.D
Acq: 15 May 2019 9:12

Tgt Ion:166 Resp: 5922
Ion Ratio Lower Upper
166 100
165 98.2 79.8 119.8
167 13.2 11.2 16.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

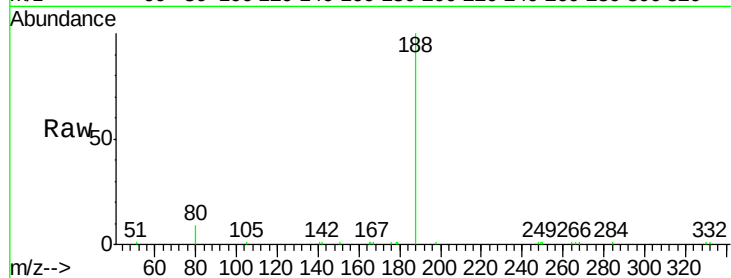
Tot Ion:188 Resp: 12350

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

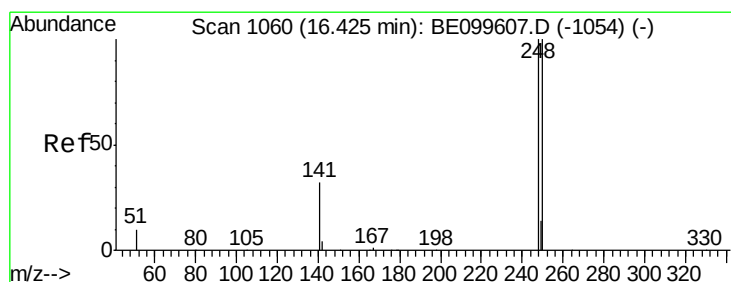
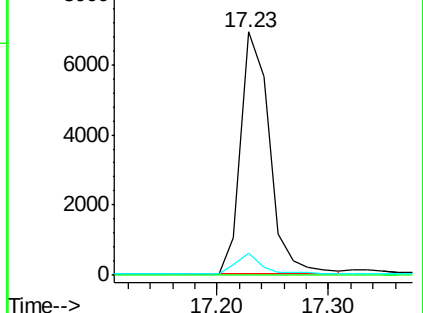
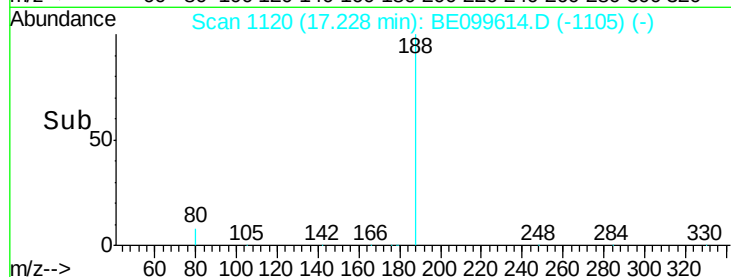
80 9.1 6.4 9.6



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: 0.355 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

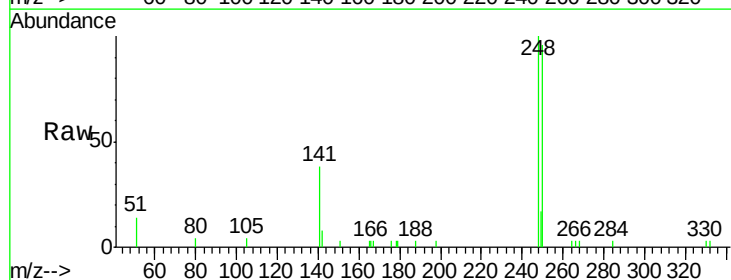
Tgt Ion:248 Resp: 2530

Ion Ratio Lower Upper

248 100

250 96.5 80.4 120.6

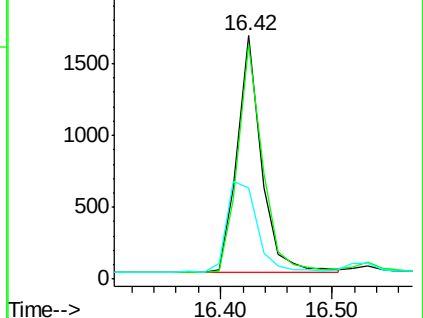
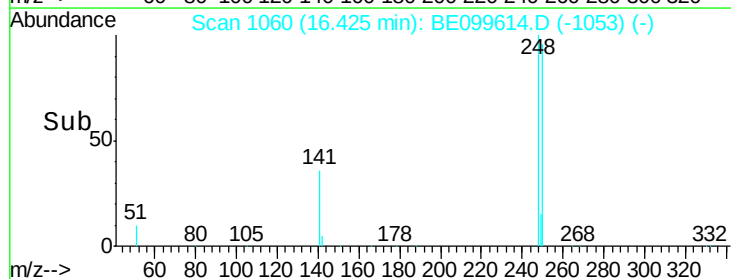
141 37.6 27.8 41.8

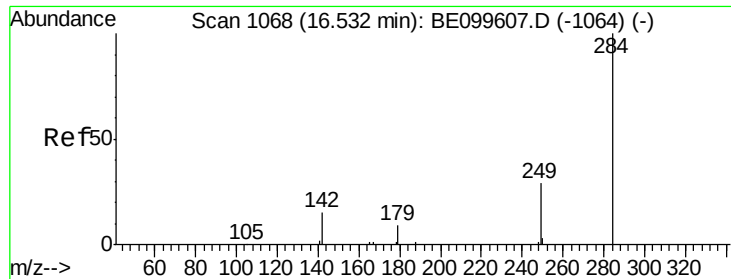


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.369 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

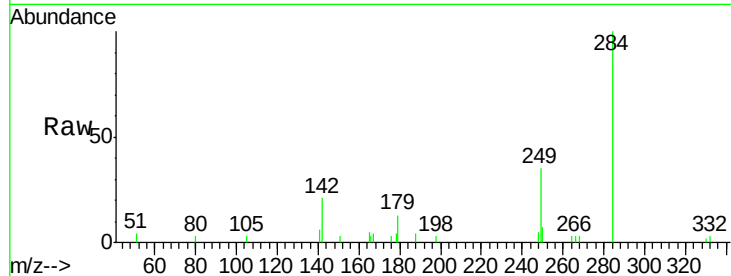
Tot Ion:284 Resp: 2581

Ion Ratio Lower Upper

284 100

142 25.0 19.4 29.2

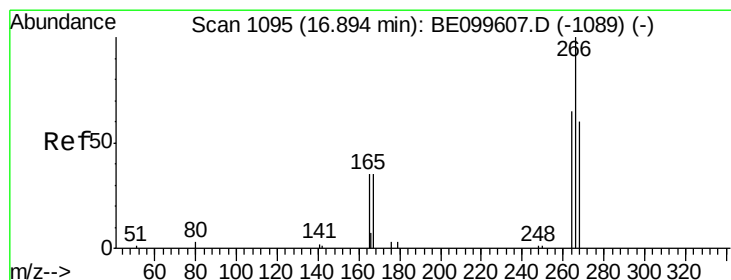
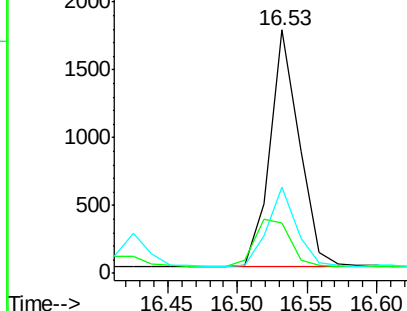
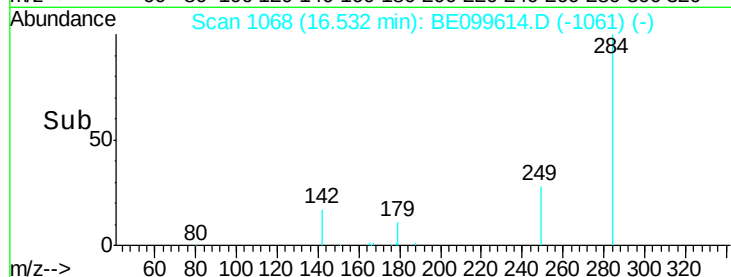
249 33.3 24.6 37.0



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: 0.391 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.04 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

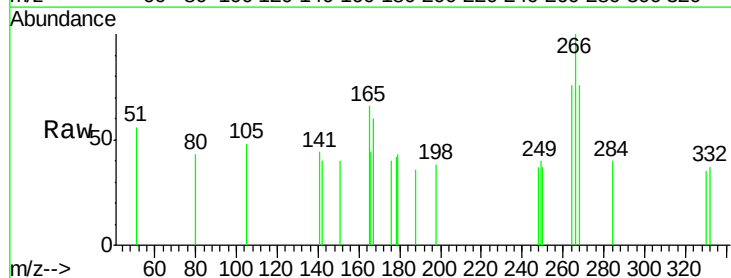
Tgt Ion:266 Resp: 471

Ion Ratio Lower Upper

266 100

264 75.8 57.7 86.5

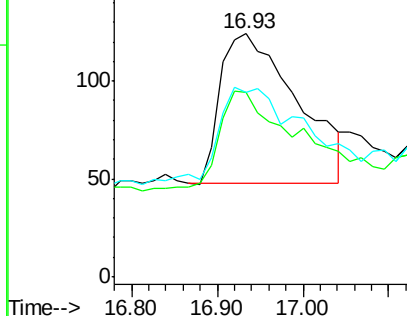
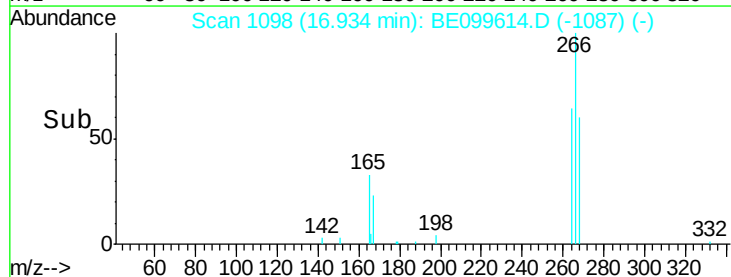
268 75.8 55.8 83.8

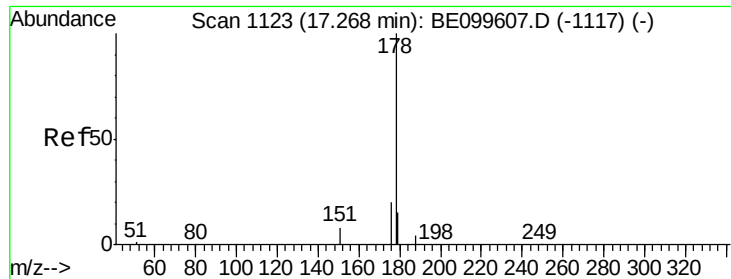


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.362 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

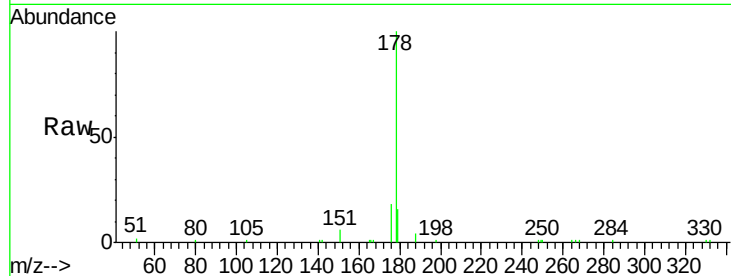
Tot Ion:178 Resp: 11094

Ion Ratio Lower Upper

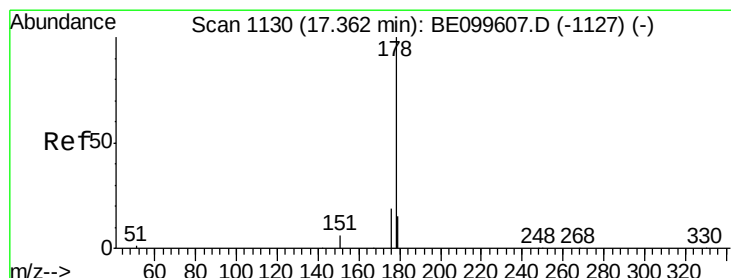
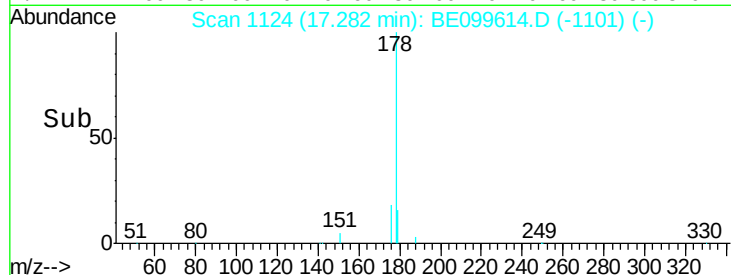
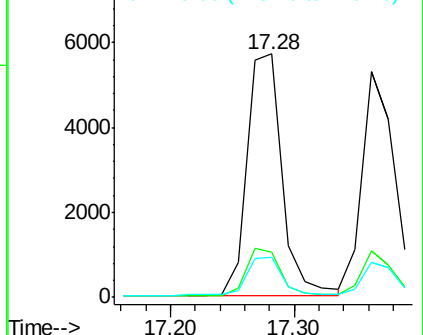
178 100

176 19.0 15.7 23.5

179 15.8 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: 0.336 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

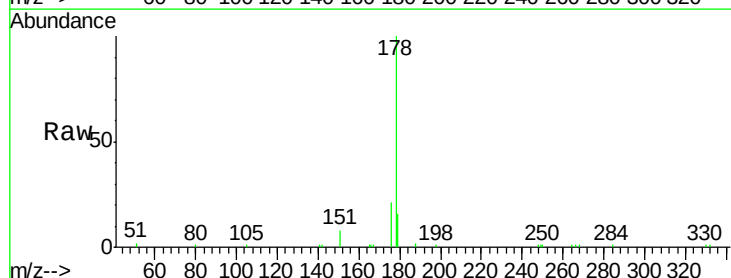
Tgt Ion:178 Resp: 9513

Ion Ratio Lower Upper

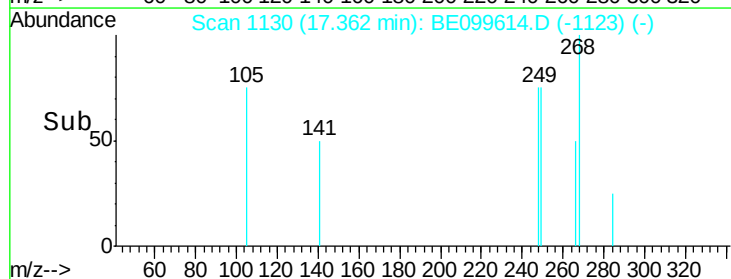
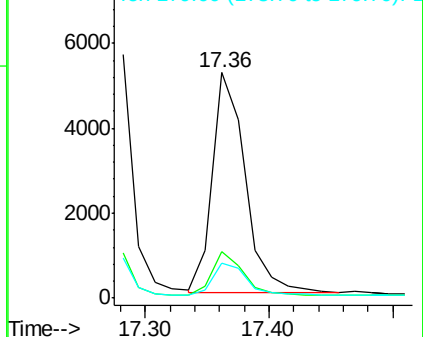
178 100

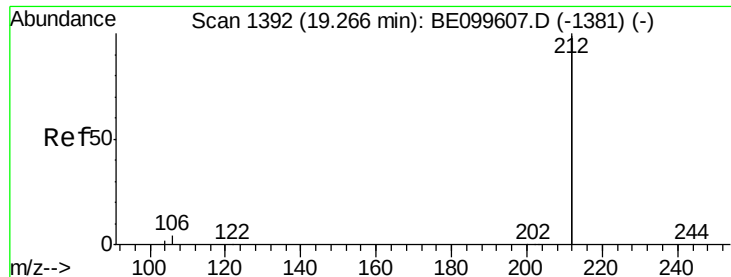
176 19.1 15.2 22.8

179 15.3 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: 0.366 ng

RT: 19.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

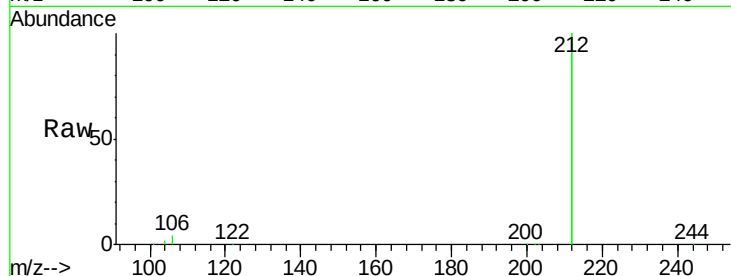
Tot Ion:212 Resp: 60152

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

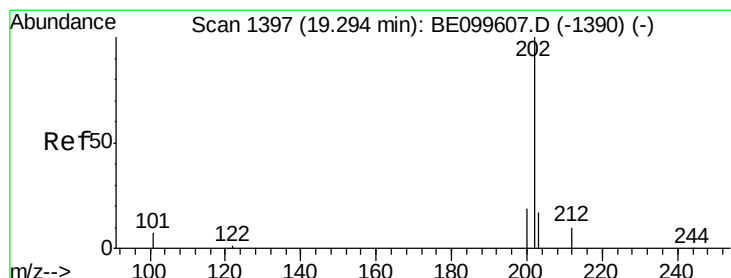
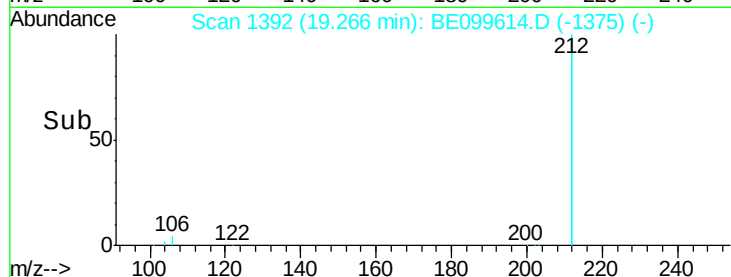
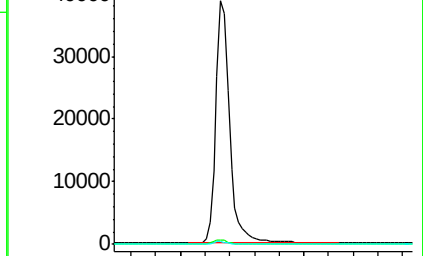
104 1.0 0.9 1.3



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: 0.366 ng

RT: 19.30 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

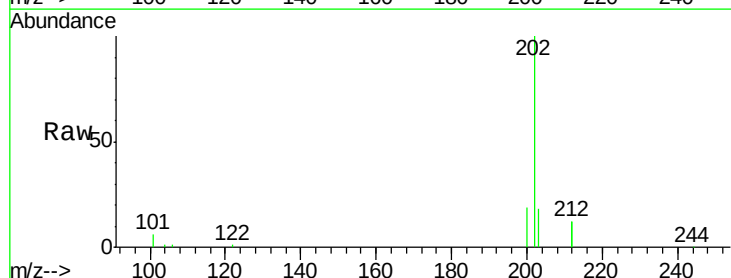
Tgt Ion:202 Resp: 16964

Ion Ratio Lower Upper

202 100

101 6.7 5.0 7.6

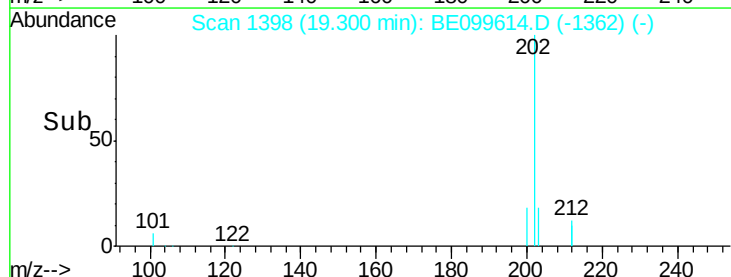
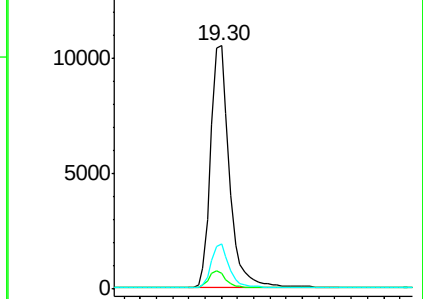
203 17.3 13.7 20.5

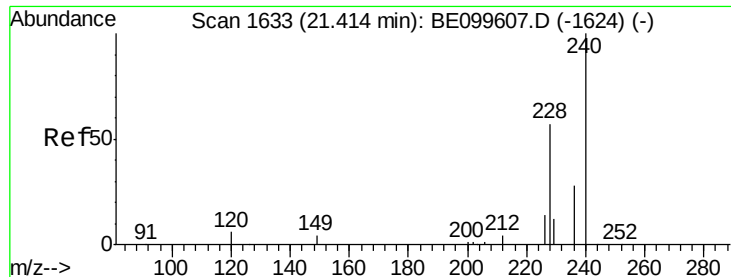


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

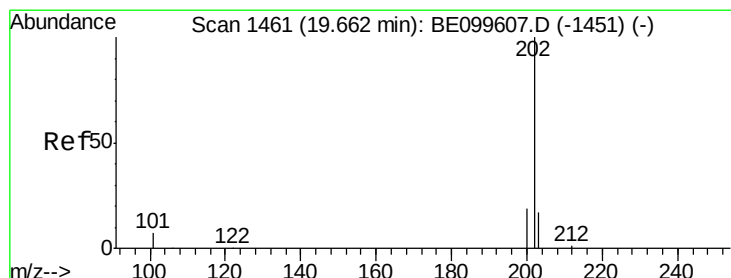
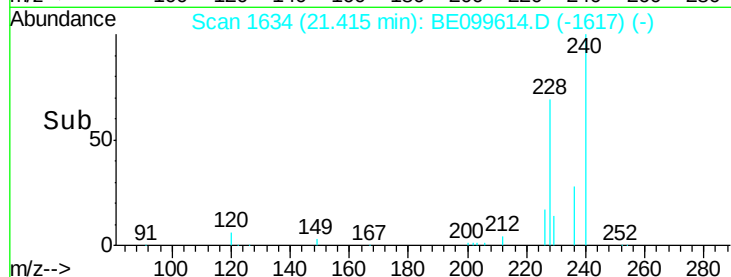
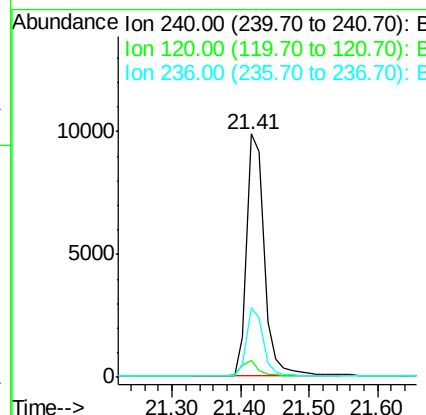
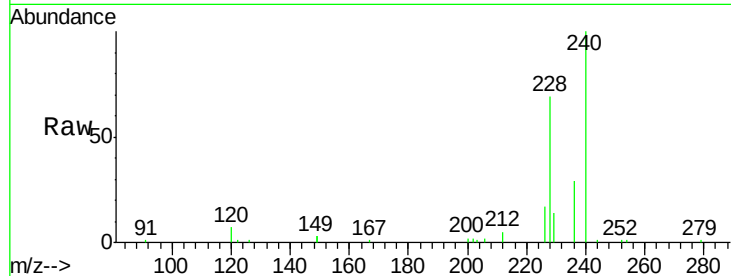




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099614.D
 Acq: 15 May 2019 9:12

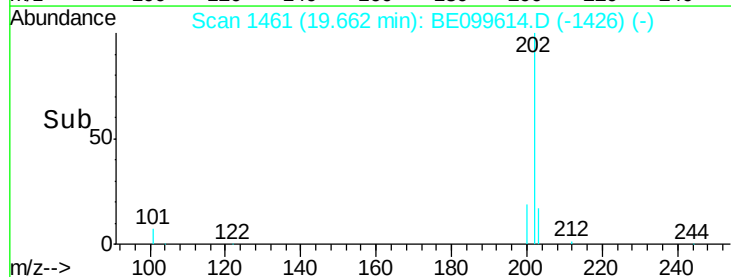
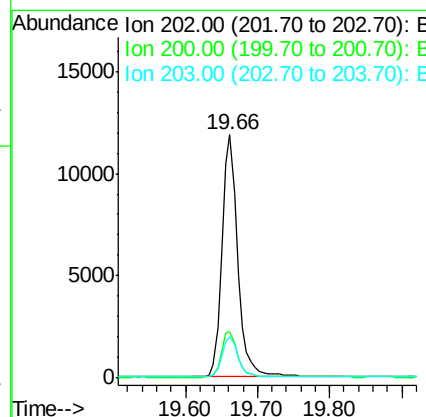
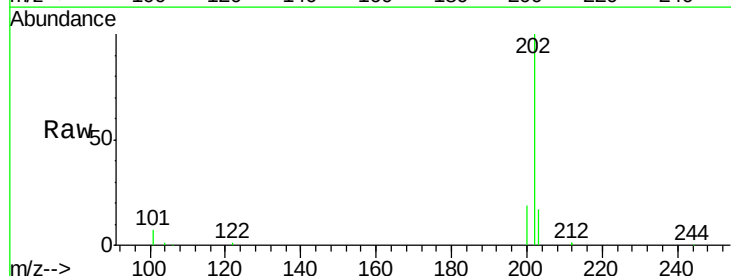
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

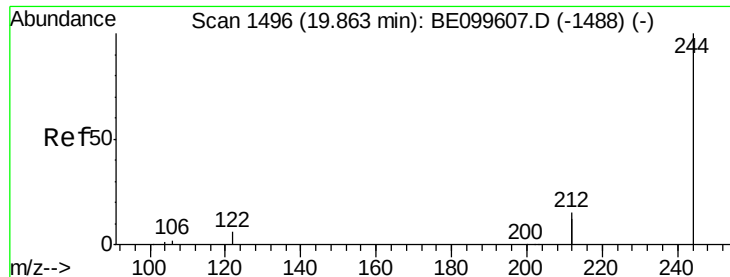
Tot Ion:240 Resp: 17861
 Ion Ratio Lower Upper
 240 100
 120 7.1 5.7 8.5
 236 28.6 22.8 34.2



#28
 Pyrene
 Concen: 0.395 ng
 RT: 19.66 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BE099614.D
 Acq: 15 May 2019 9:12

Tgt Ion:202 Resp: 17987
 Ion Ratio Lower Upper
 202 100
 200 19.4 15.8 23.6
 203 17.2 14.1 21.1





#29

Terphenyl-d14

Concen: 0.378 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

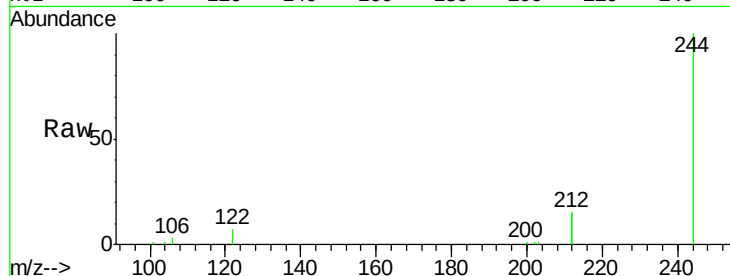
Tot Ion:244 Resp: 12164

Ion Ratio Lower Upper

244 100

212 30.2 23.8 35.6

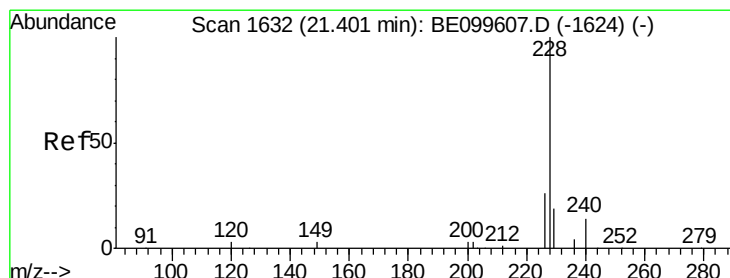
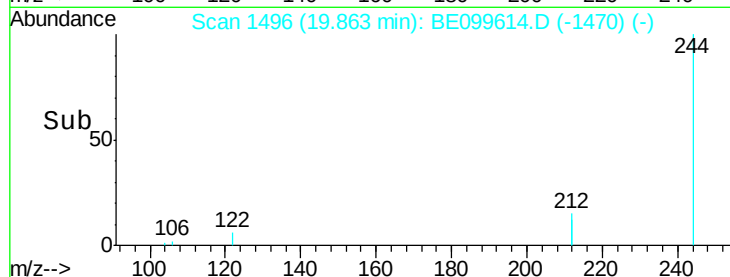
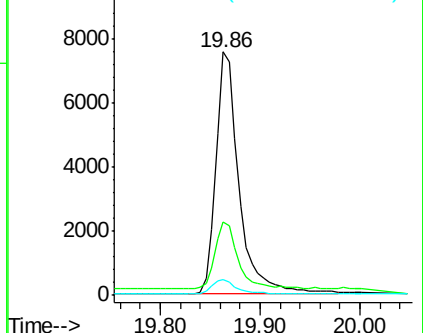
122 6.7 5.0 7.6



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: 0.376 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

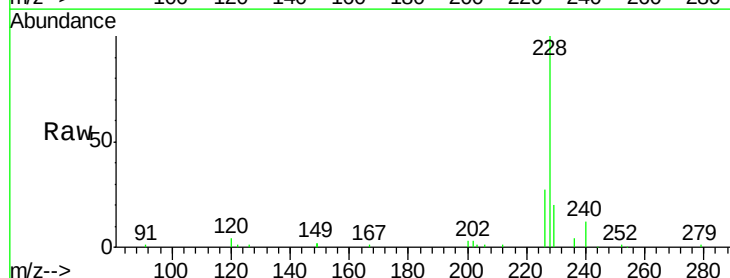
Tgt Ion:228 Resp: 20307

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.2

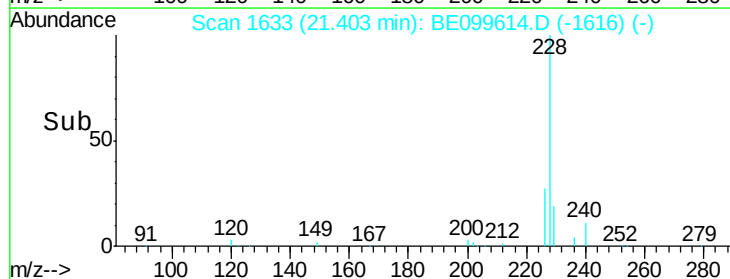
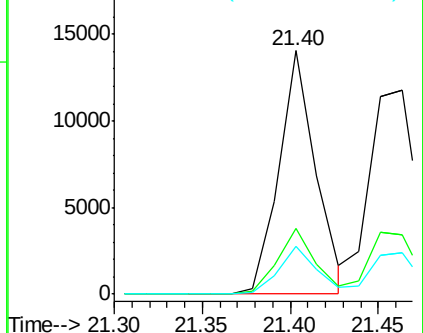
229 19.8 15.8 23.8

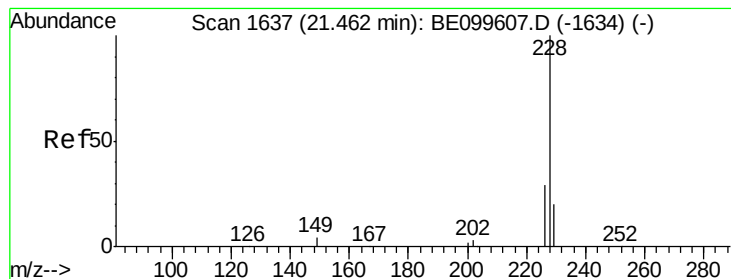


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.395 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

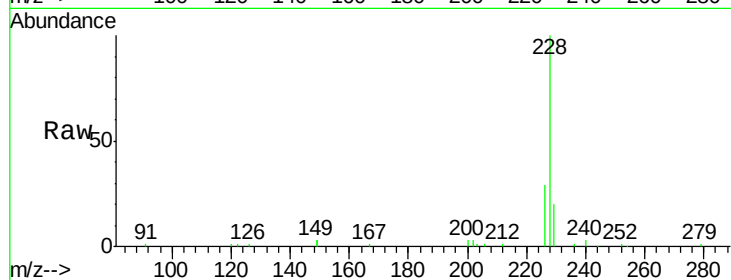
Tot Ion:228 Resp: 21947

Ion Ratio Lower Upper

228 100

226 29.0 23.0 34.4

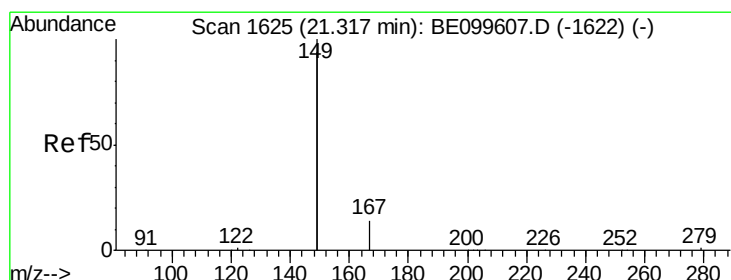
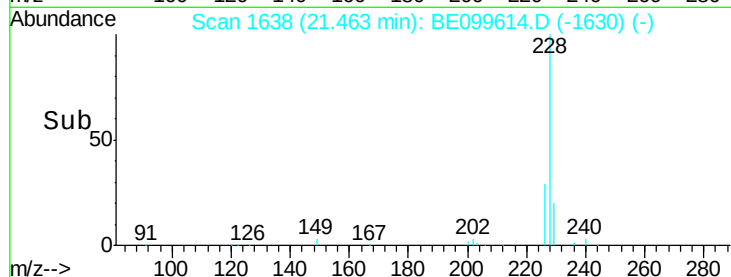
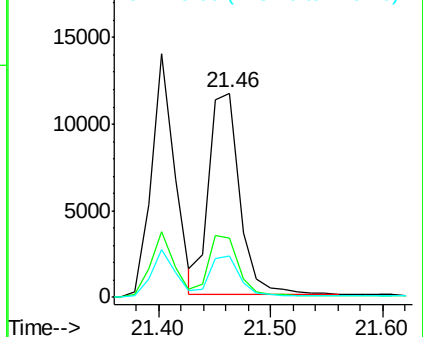
229 20.2 16.4 24.6



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: 0.326 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

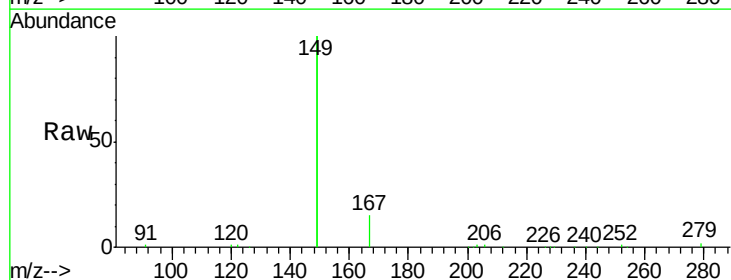
Tgt Ion:149 Resp: 27164

Ion Ratio Lower Upper

149 100

167 7.5 6.0 9.0

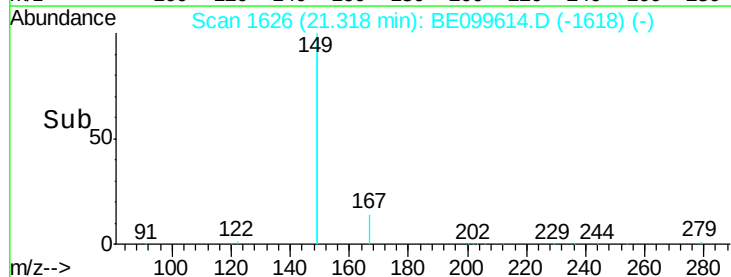
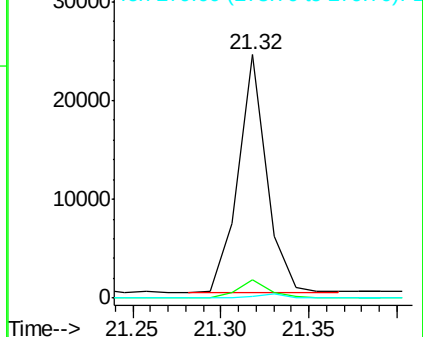
279 1.5 1.1 1.7

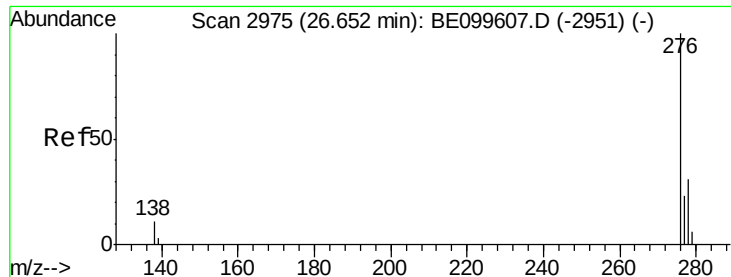


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

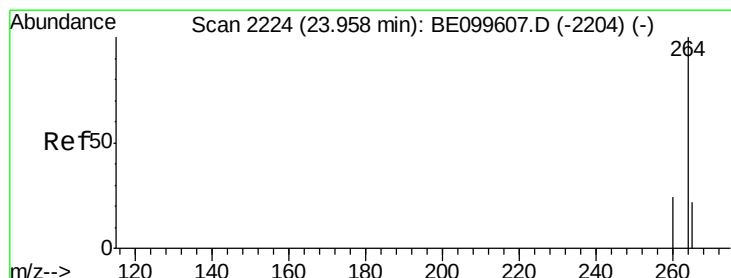
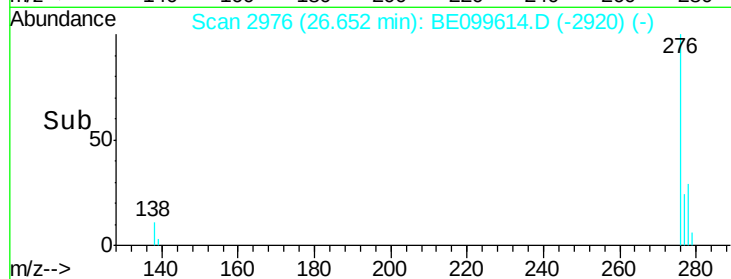
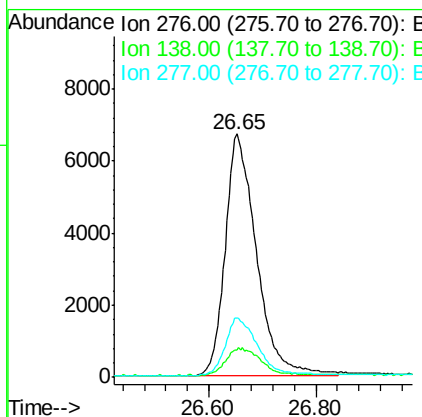
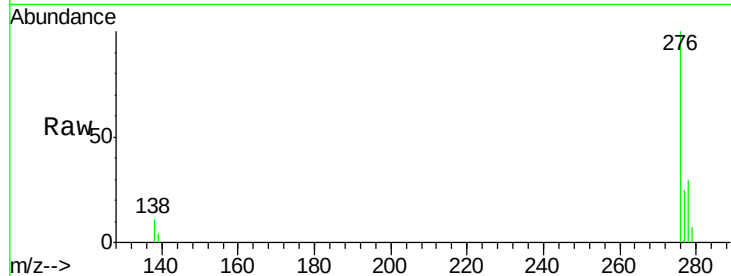




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.391 ng
 RT: 26.65 min Scan# 2976
 Delta R.T. -0.00 min
 Lab File: BE099614.D
 Acq: 15 May 2019 9:12

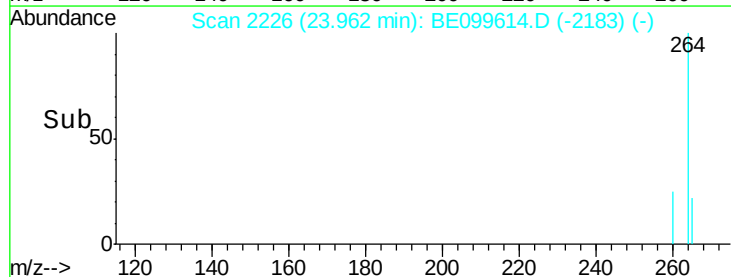
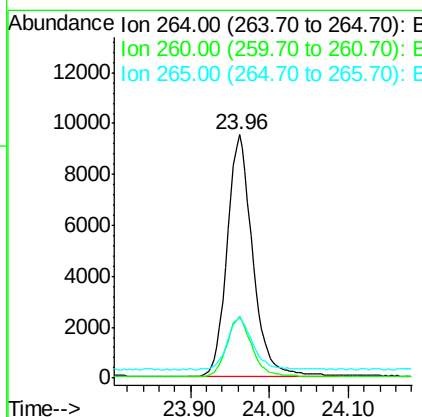
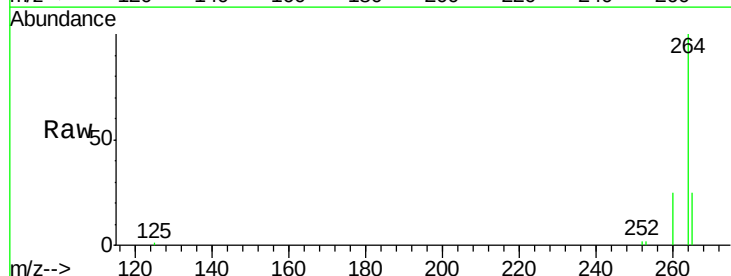
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

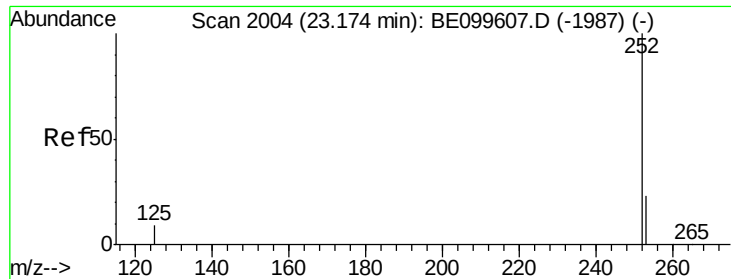
Tot Ion:276 Resp: 27067
 Ion Ratio Lower Upper
 276 100
 138 12.4 10.0 15.0
 277 24.0 19.1 28.7



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BE099614.D
 Acq: 15 May 2019 9:12

Tgt Ion:264 Resp: 21456
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.7 29.5
 265 24.9 21.2 31.8





#35

Benzo(b)fluoranthene

Concen: 0.357 ng

RT: 23.18 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

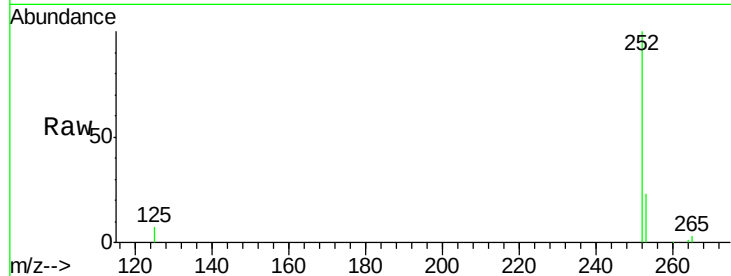
Tot Ion:252 Resp: 21427

Ion Ratio Lower Upper

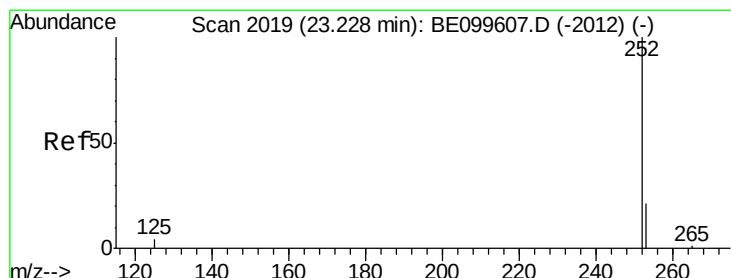
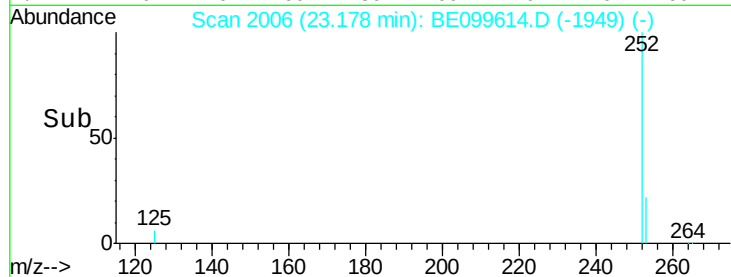
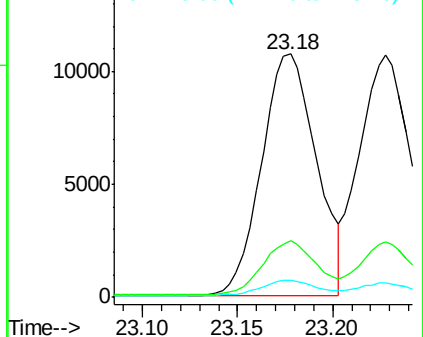
252 100

253 23.3 19.1 28.7

125 7.2 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: 0.366 ng

RT: 23.23 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

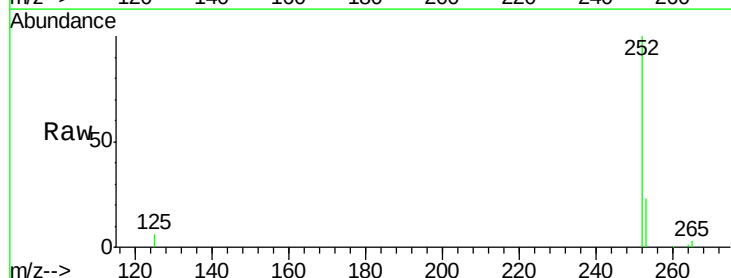
Tgt Ion:252 Resp: 21698

Ion Ratio Lower Upper

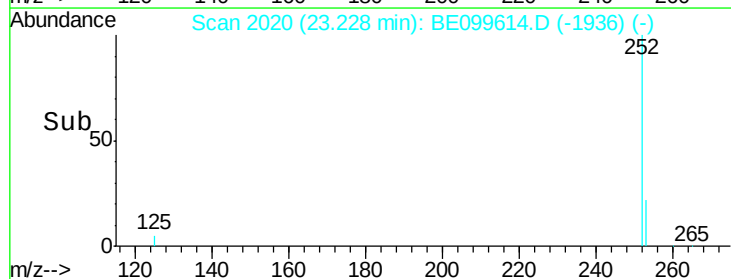
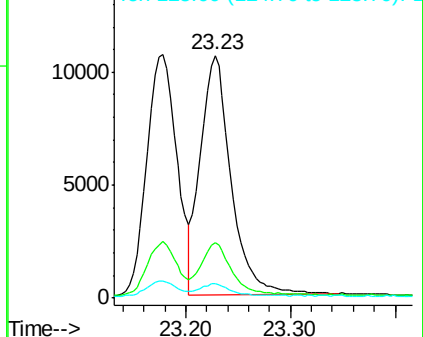
252 100

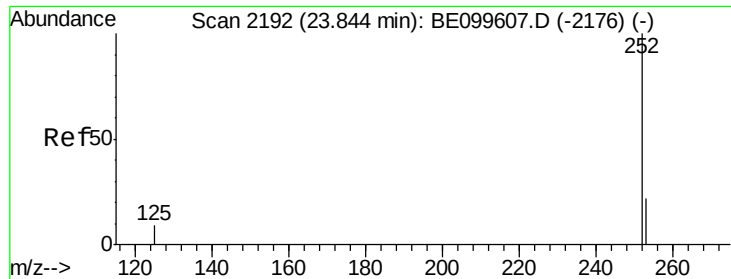
253 22.8 18.6 28.0

125 5.9 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: 0.362 ng

RT: 23.85 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

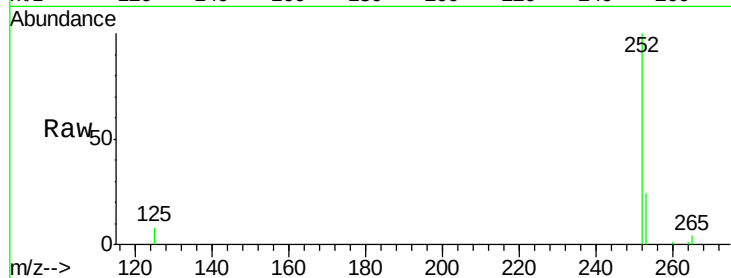
Tot Ion:252 Resp: 21058

Ion Ratio Lower Upper

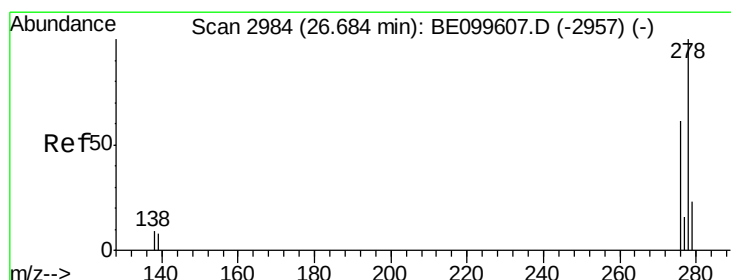
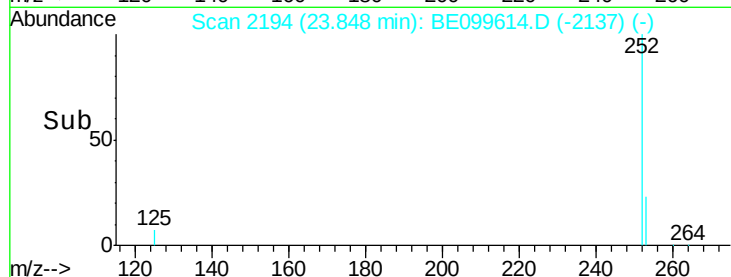
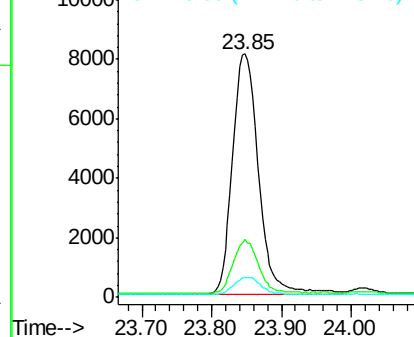
252 100

253 23.9 19.0 28.6

125 8.0 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: 0.359 ng

RT: 26.68 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

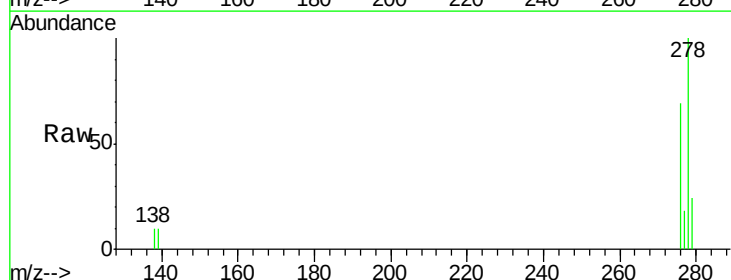
Tgt Ion:278 Resp: 21641

Ion Ratio Lower Upper

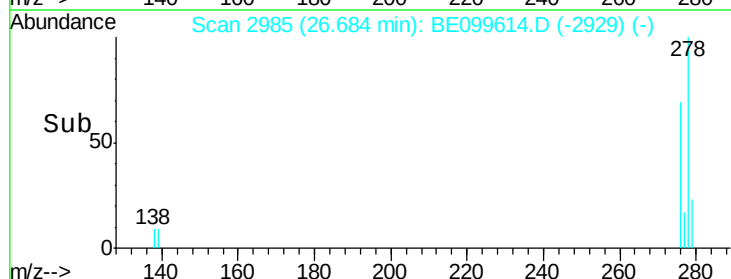
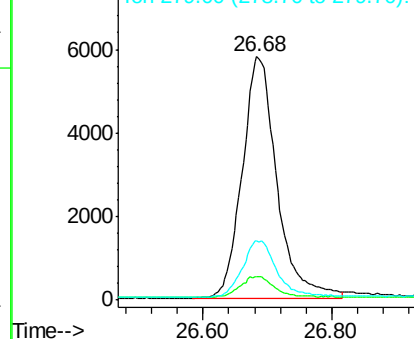
278 100

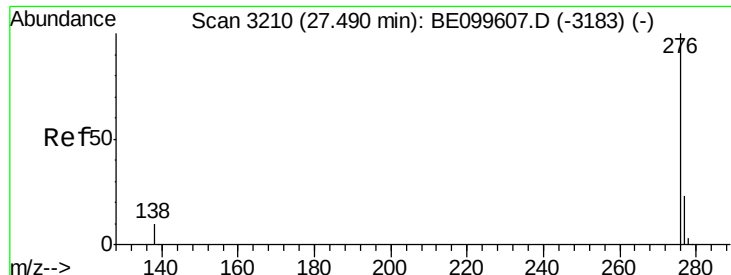
139 9.8 7.9 11.9

279 24.2 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(a,h,i)perylene

Concen: 0.371 ng

RT: 27.49 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE099614.D

Acq: 15 May 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

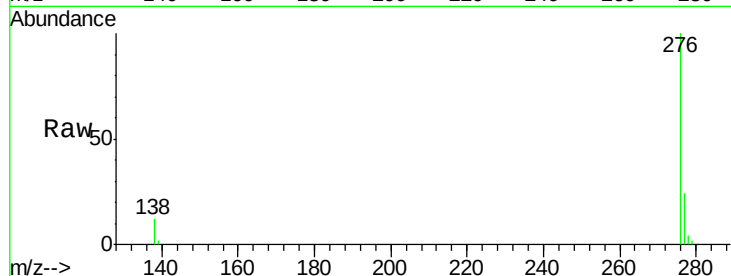
Tot Ion: 276 Resp: 22469

Ion Ratio Lower Upper

276 100

277 24.2 19.3 28.9

138 11.9 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

