

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099639.D
 Acq On : 17 May 2019 1:39
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 17 07:05:14 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	1975	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	7158	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	5178	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	15964	0.40	ng	0.00
27) Chrysene-d12	21.42	240	20632	0.40	ng	0.00
34) Perylene-d12	23.96	264	23444	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	1996	0.36	ng	0.00
5) Phenol-d6	6.98	99	2701	0.38	ng	0.00
8) Nitrobenzene-d5	8.98	82	2393	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4480	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1196	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	7112	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	76023	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	15241	0.41	ng	0.00

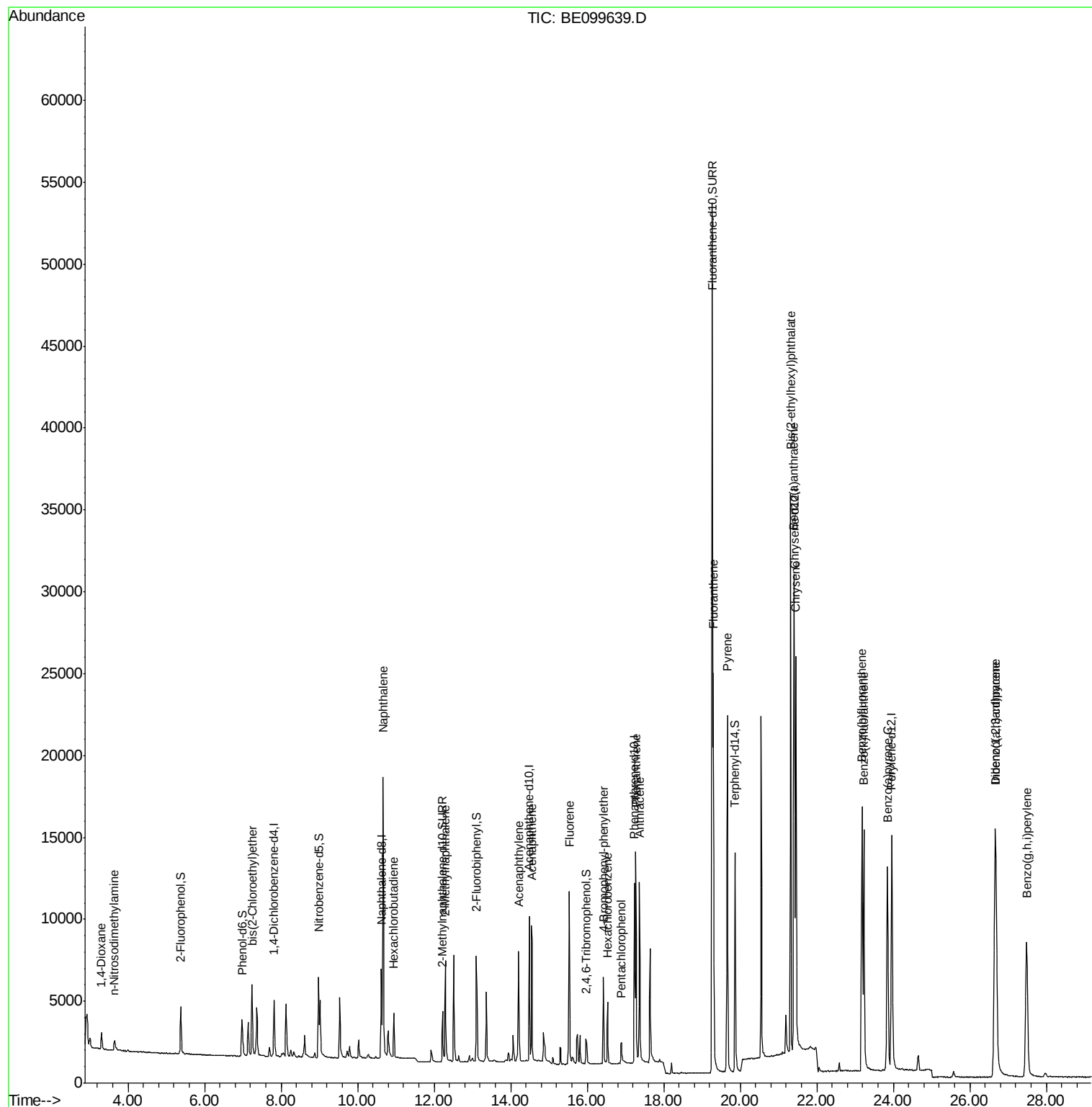
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	1024	0.352	ng	91
3) n-Nitrosodimethylamine	3.64	42	580	0.312	ng	# 91
6) bis(2-Chloroethyl)ether	7.24	93	2269	0.380	ng	99
9) Naphthalene	10.67	128	28412	0.373	ng	99
10) Hexachlorobutadiene	10.94	225	2050	0.368	ng	99
12) 2-Methylnaphthalene	12.29	142	4607	0.366	ng	99
16) Acenaphthylene	14.21	152	8782	0.359	ng	99
17) Acenaphthene	14.54	154	5065	0.367	ng	98
18) Fluorene	15.53	166	7298	0.369	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	3214	0.349	ng	98
21) Hexachlorobenzene	16.53	284	3358	0.371	ng	98
22) Pentachlorophenol	16.89	266	1226	0.508	ng	95
23) Phenanthrene	17.27	178	14311	0.361	ng	100
24) Anthracene	17.36	178	12626	0.345	ng	99
26) Fluoranthene	19.29	202	21790	0.363	ng	99
28) Pyrene	19.66	202	22781	0.433	ng	99
30) Benzo(a)anthracene	21.40	228	24380	0.391	ng	100
31) Chrysene	21.45	228	25891	0.403	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	35757	0.372	ng	100
33) Indeno(1,2,3-cd)pyrene	26.65	276	29068	0.364	ng	99
35) Benzo(b)fluoranthene	23.17	252	24241	0.370	ng	99
36) Benzo(k)fluoranthene	23.23	252	23890	0.369	ng	100
37) Benzo(a)pyrene	23.84	252	23101	0.364	ng	98
38) Dibenzo(a,h)anthracene	26.68	278	23374	0.355	ng	99
39) Benzo(g,h,i)perylene	27.48	276	23727	0.358	ng	99

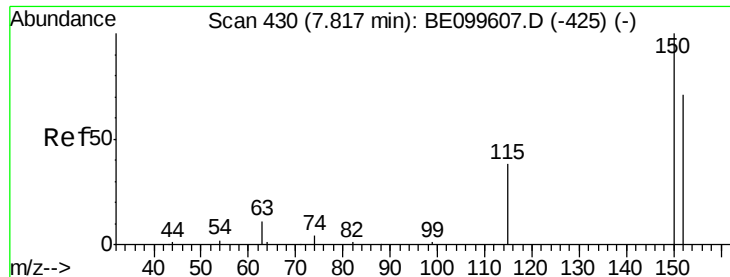
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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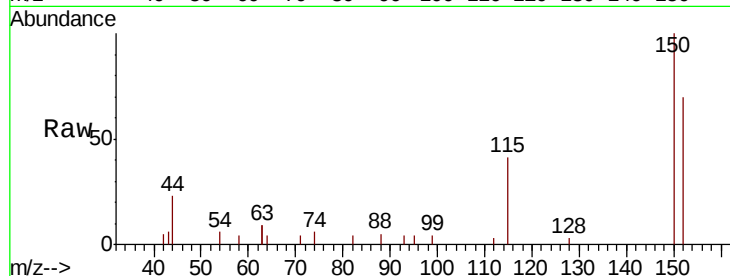


#1

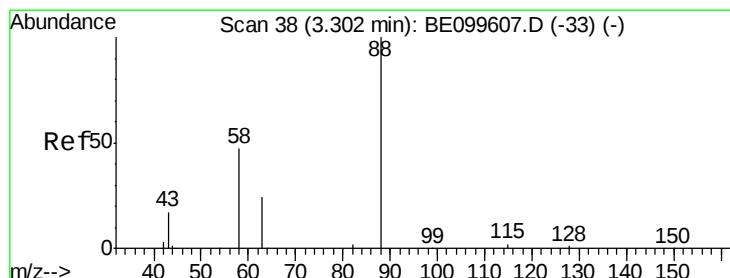
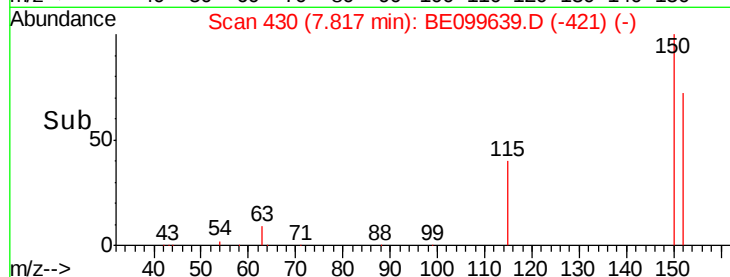
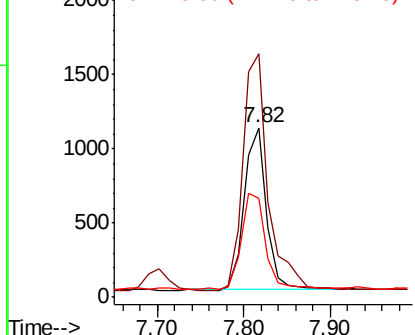
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 1975
Ion Ratio Lower Upper
152 100
150 143.4 110.1 165.1
115 58.3 46.2 69.4



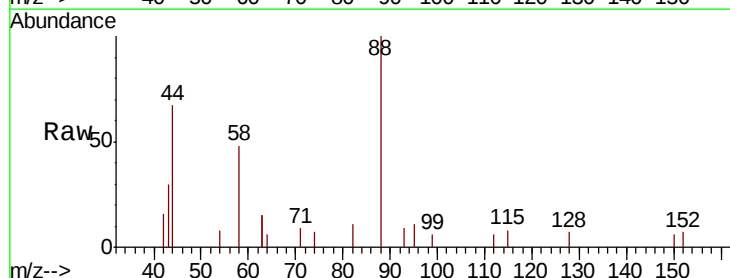
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



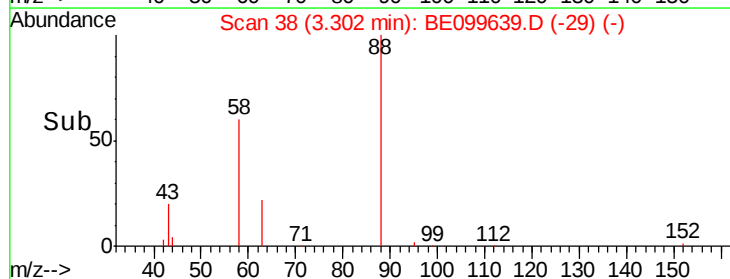
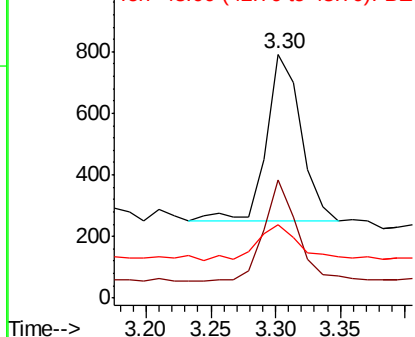
#2

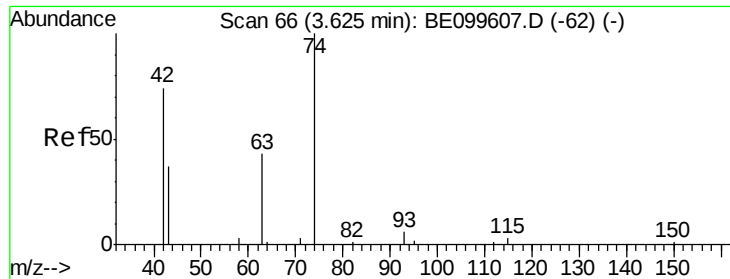
1,4-Dioxane
Concen: 0.352 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tgt Ion: 88 Resp: 1024
Ion Ratio Lower Upper
88 100
58 58.4 39.8 59.6
43 25.9 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: 0.312 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.01 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

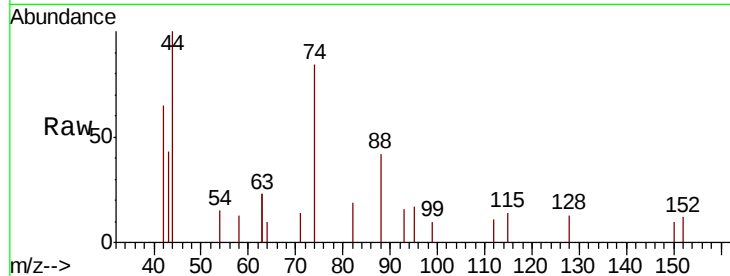
Tgt Ion: 42 Resp: 580

Ion Ratio Lower Upper

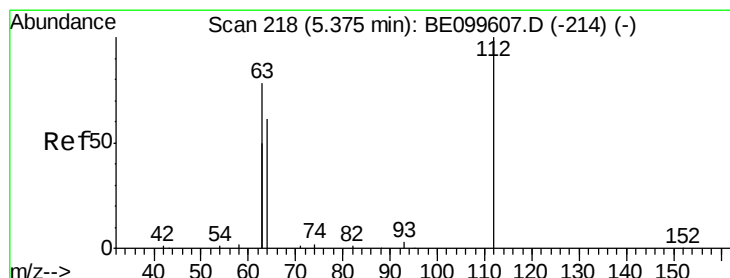
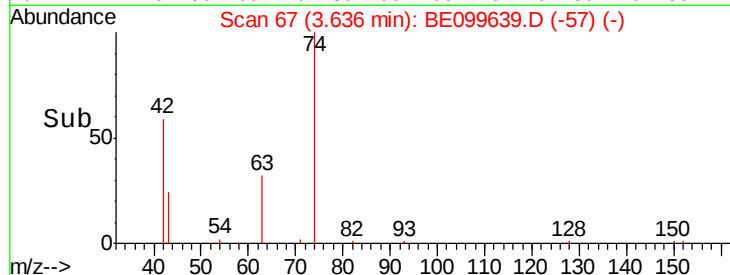
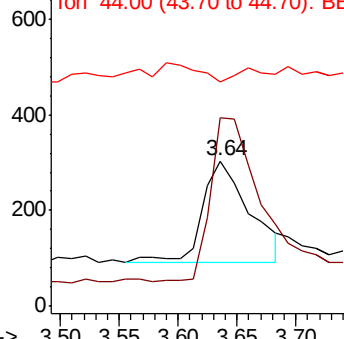
42 100

74 159.1 134.7 202.1

44 0.0 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: 0.356 ng

RT: 5.38 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

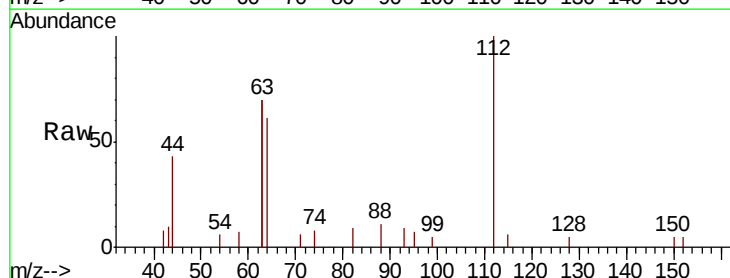
Tgt Ion: 112 Resp: 1996

Ion Ratio Lower Upper

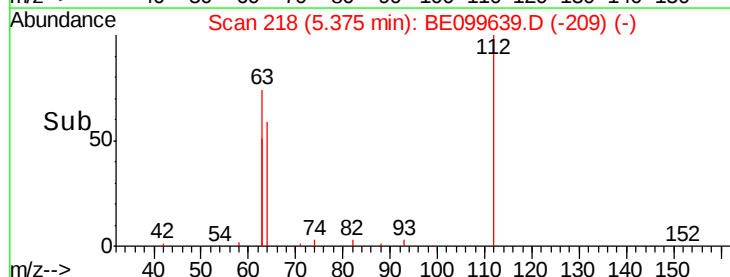
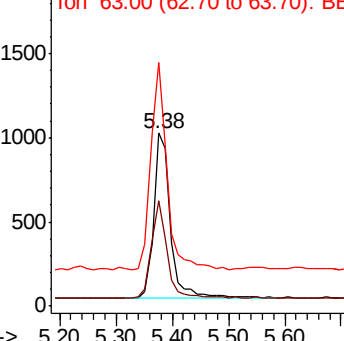
112 100

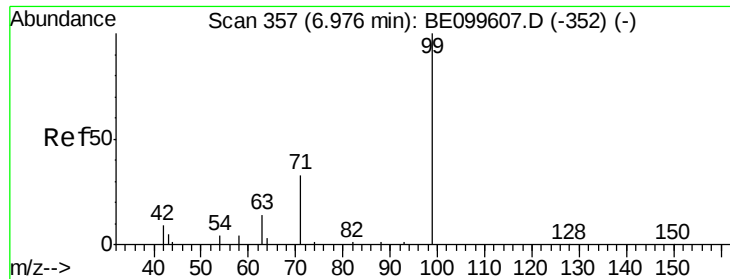
64 56.7 43.7 65.5

63 119.7 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: 0.380 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

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SSTDCCC0.4EC

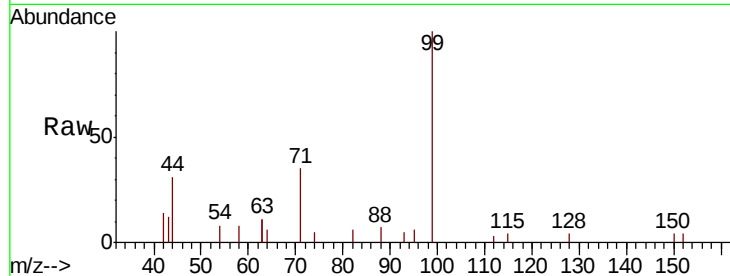
Tgt Ion: 99 Resp: 2701

Ion Ratio Lower Upper

99 100

42 14.8 14.3 21.5

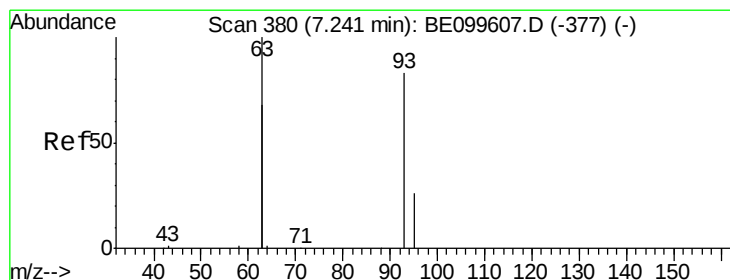
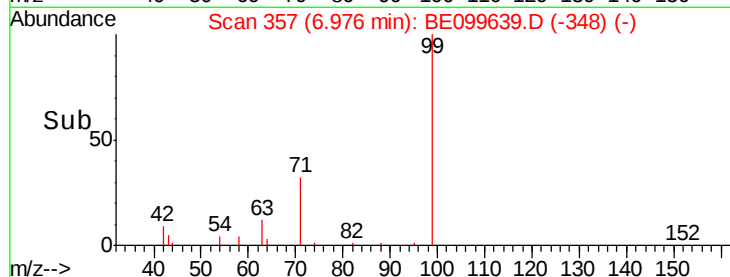
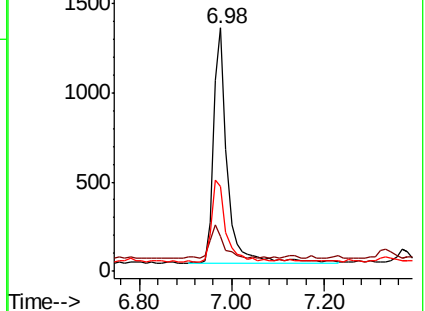
71 36.8 33.1 49.7



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: 0.380 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

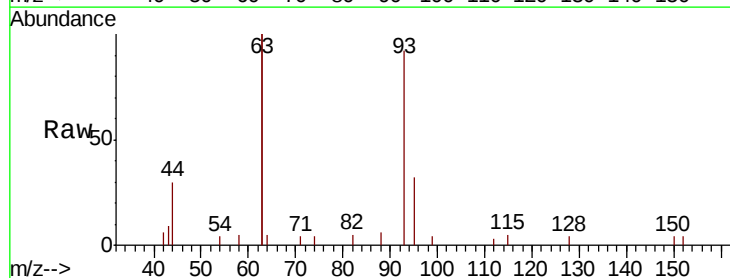
Tgt Ion: 93 Resp: 2269

Ion Ratio Lower Upper

93 100

63 249.4 201.0 301.4

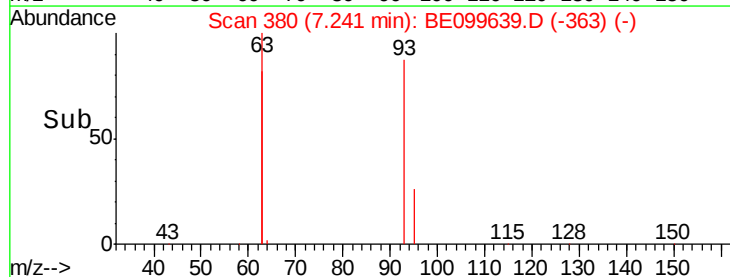
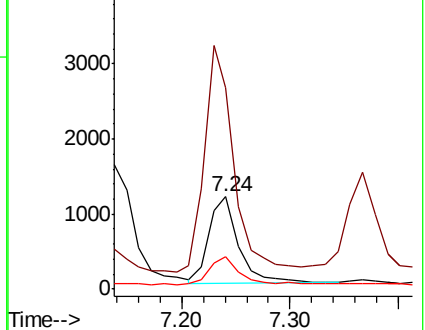
95 31.2 25.0 37.4

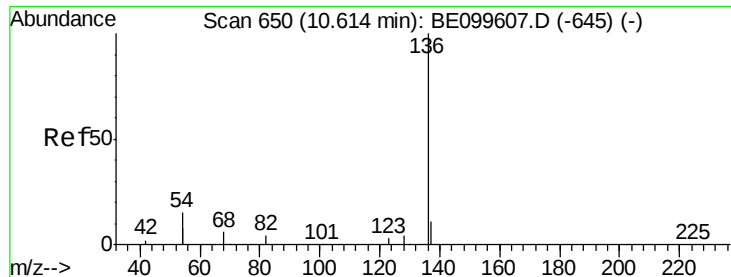


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

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SSTDCCC0.4EC

Tgt Ion:136 Resp: 7158

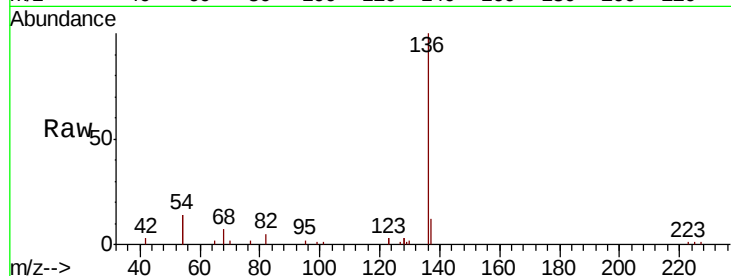
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 28.9 23.8 35.8

68 7.4 6.2 9.2

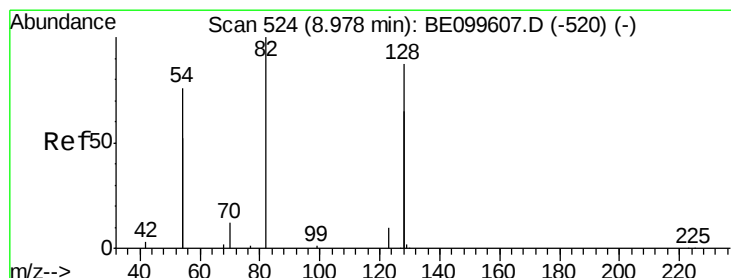
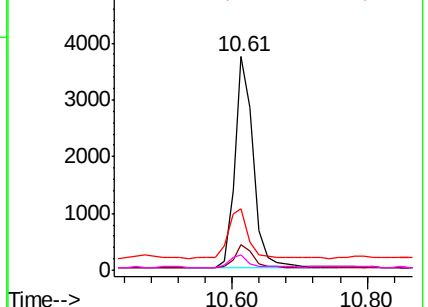
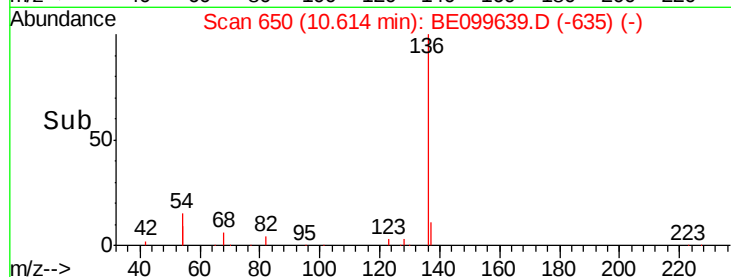


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.345 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

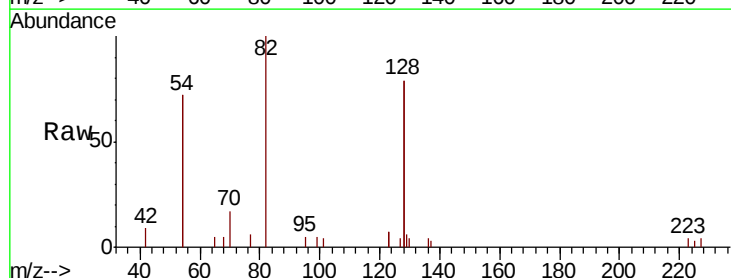
Tgt Ion: 82 Resp: 2393

Ion Ratio Lower Upper

82 100

128 157.7 131.4 197.2

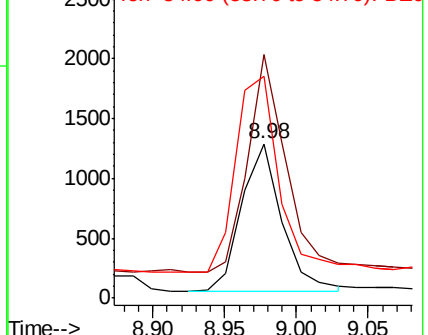
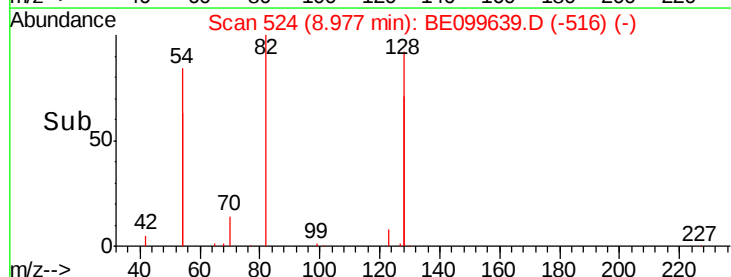
54 143.7 113.9 170.9

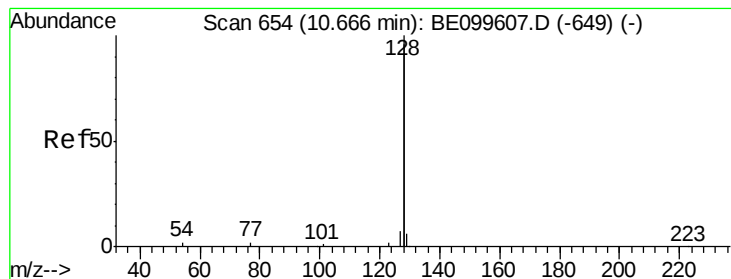


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.373 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

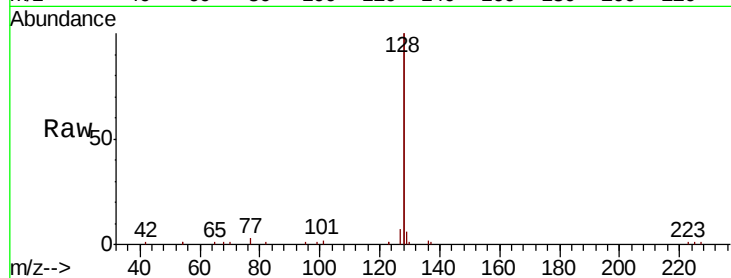
Tgt Ion:128 Resp: 28412

Ion Ratio Lower Upper

128 100

129 2.8 2.6 4.0

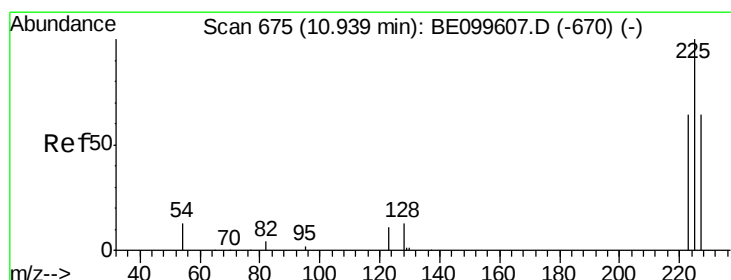
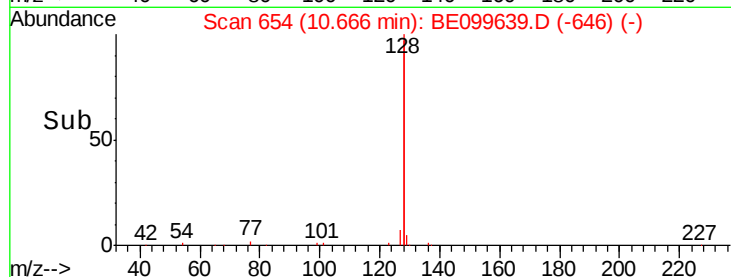
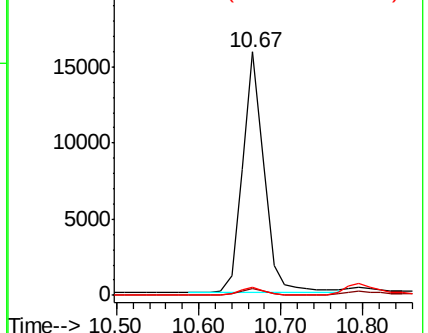
127 3.6 3.0 4.6



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: BE099639.D

Acq: 17 May 2019 1:39

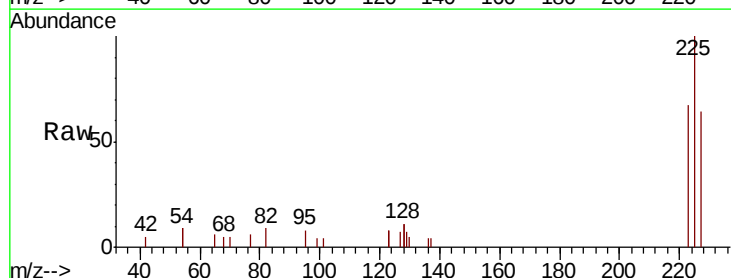
Tgt Ion:225 Resp: 2050

Ion Ratio Lower Upper

225 100

223 63.0 49.8 74.8

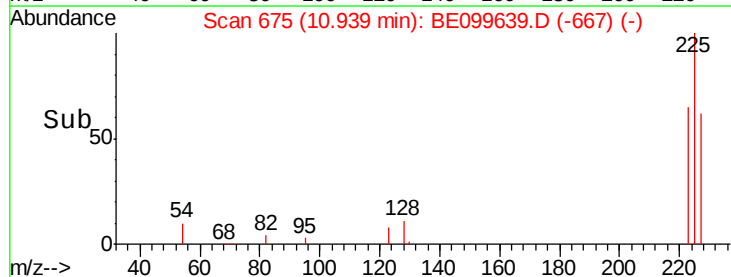
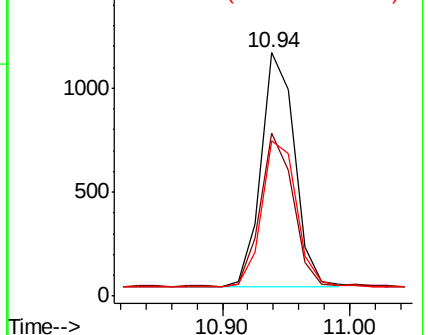
227 65.1 51.2 76.8

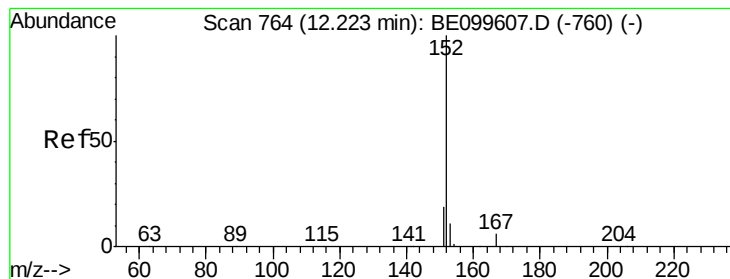


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.372 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

ClientSampleId :

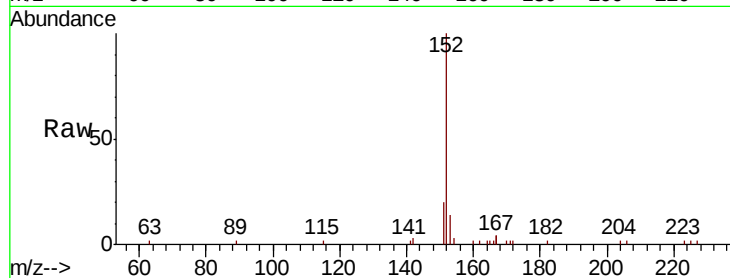
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4480

Ion Ratio Lower Upper

152 100

151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

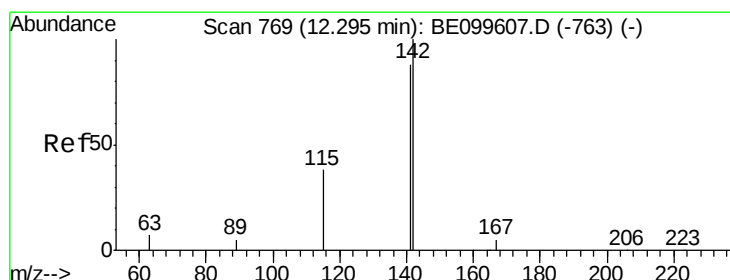
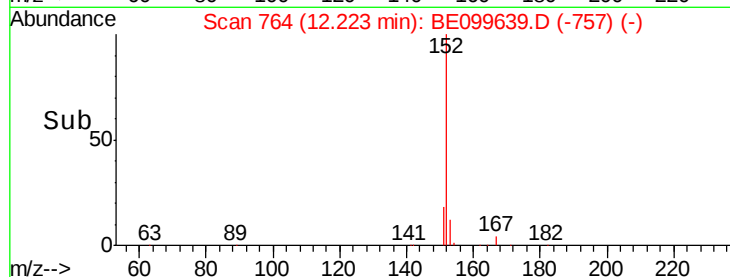
1500

1000

500

0

Time--> 12.20 12.22 12.40



#12

2-Methylnaphthalene

Concen: 0.366 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

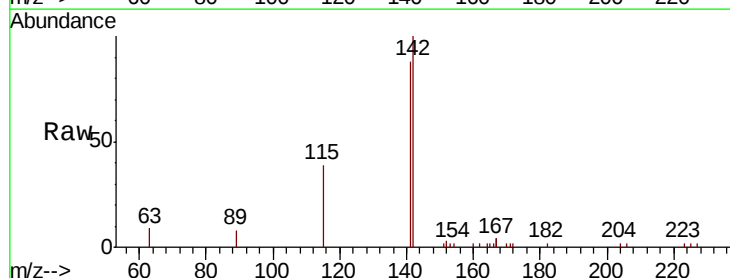
Tgt Ion:142 Resp: 4607

Ion Ratio Lower Upper

142 100

141 88.3 70.4 105.6

115 39.5 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

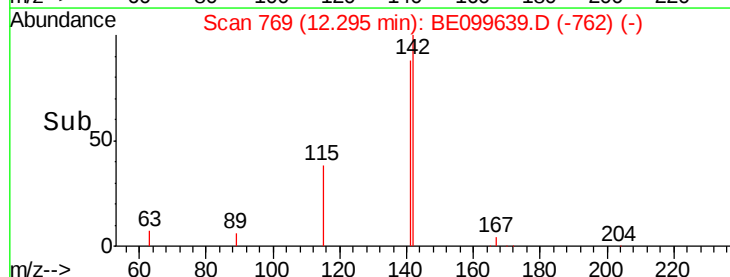
3000

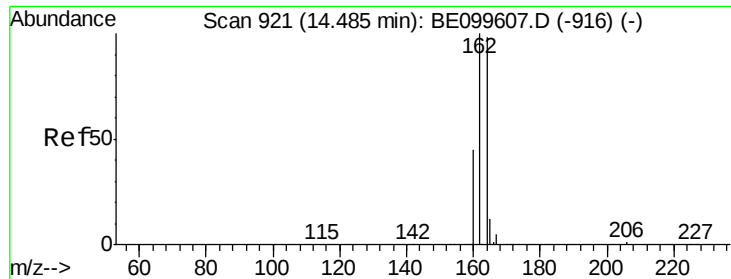
2000

1000

0

Time--> 12.20 12.29 12.40





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.48 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

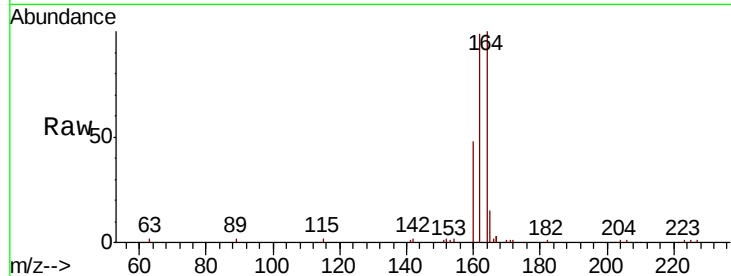
Tgt Ion:164 Resp: 5178

Ion Ratio Lower Upper

164 100

162 98.9 81.4 122.0

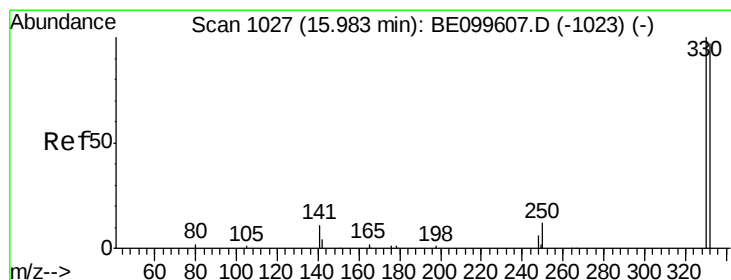
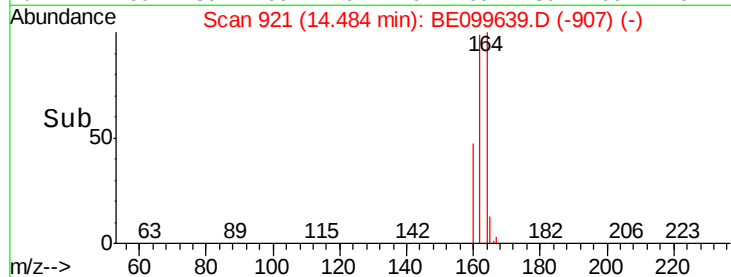
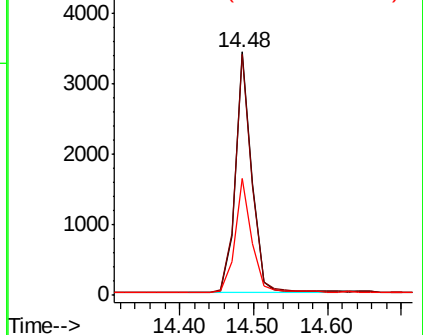
160 47.9 37.4 56.2



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: 0.338 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

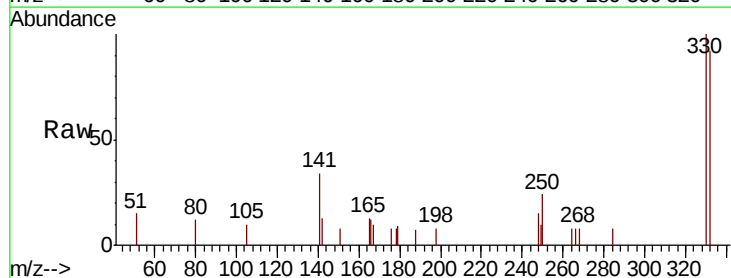
Tgt Ion:330 Resp: 1196

Ion Ratio Lower Upper

330 100

332 96.1 73.8 110.8

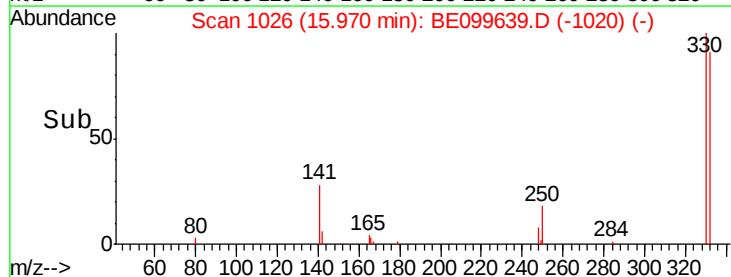
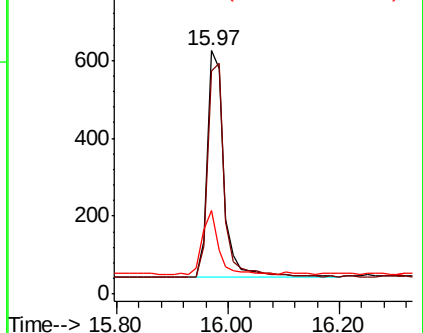
141 27.4 21.0 31.6

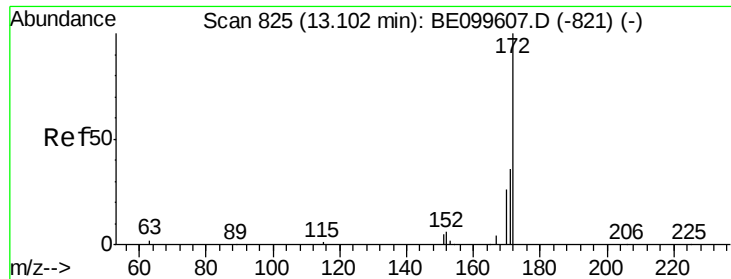


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

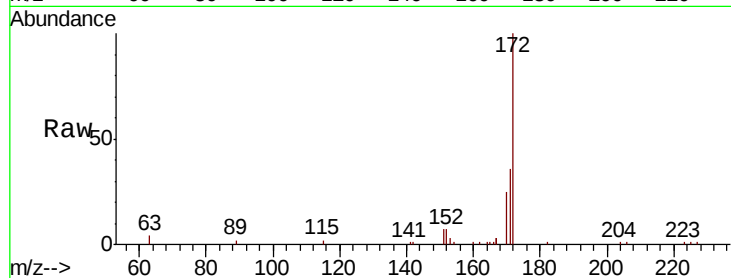




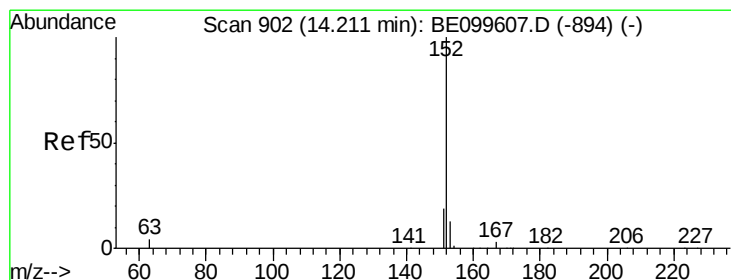
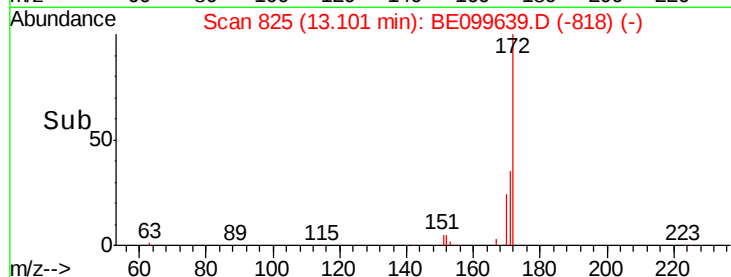
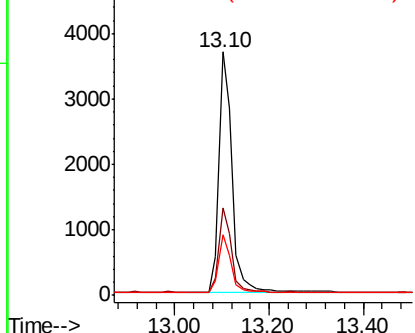
#15
 2-Fluorobiphenyl
 Concen: 0.357 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099639.D
 Acq: 17 May 2019 1:39

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:172 Resp: 7112
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.2
 170 24.9 21.5 32.3

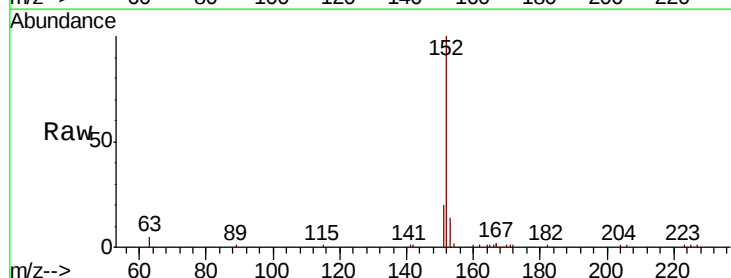


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

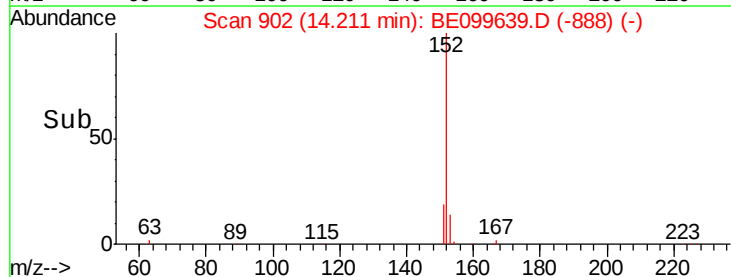
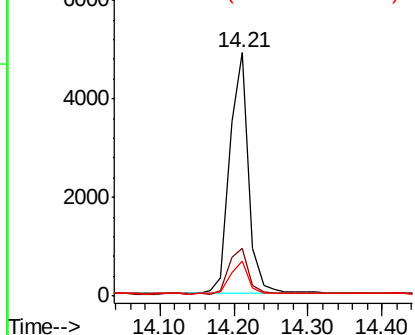


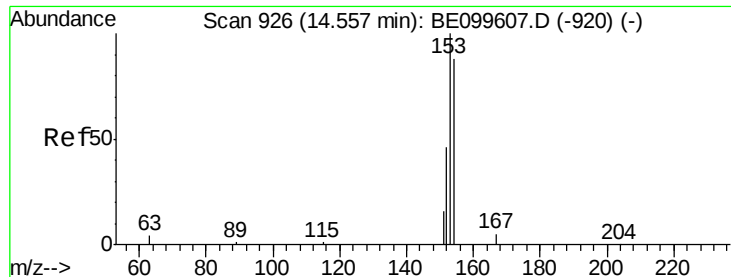
#16
 Acenaphthylene
 Concen: 0.359 ng
 RT: 14.21 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BE099639.D
 Acq: 17 May 2019 1:39

Tgt Ion:152 Resp: 8782
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.6 23.4
 153 13.3 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

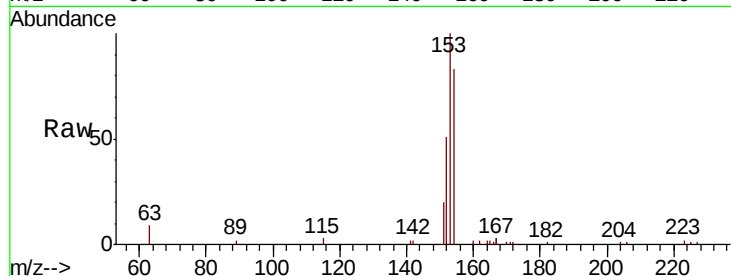




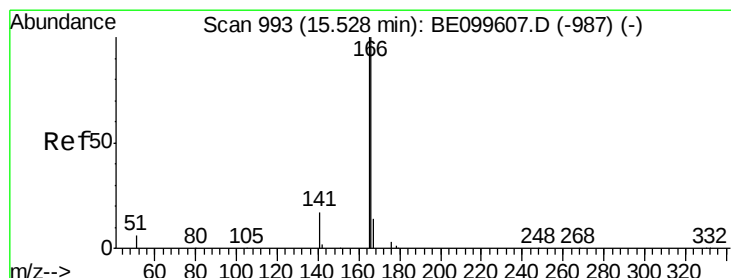
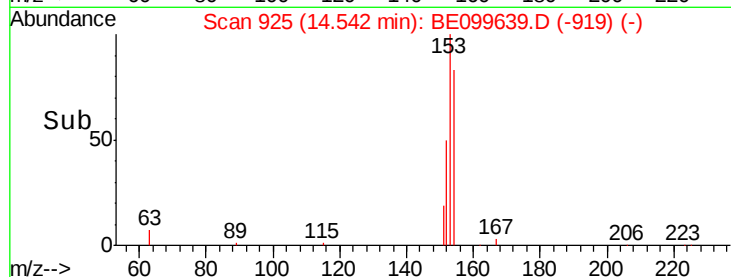
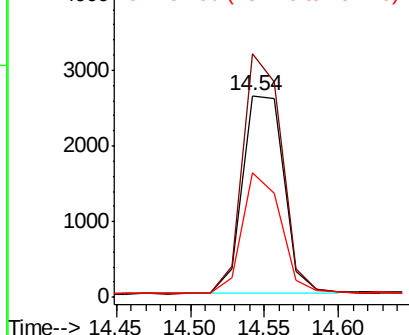
#17
Acenaphthene
Concen: 0.367 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 5065
Ion Ratio Lower Upper
154 100
153 115.5 94.1 141.1
152 57.1 46.5 69.7

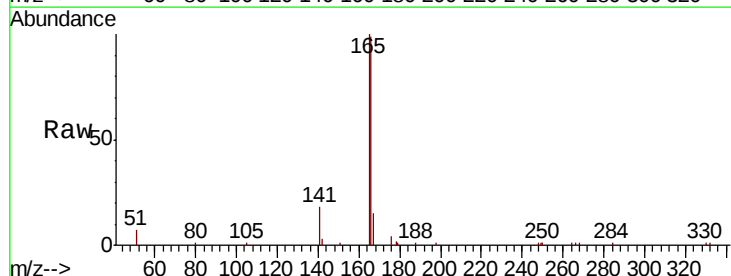


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

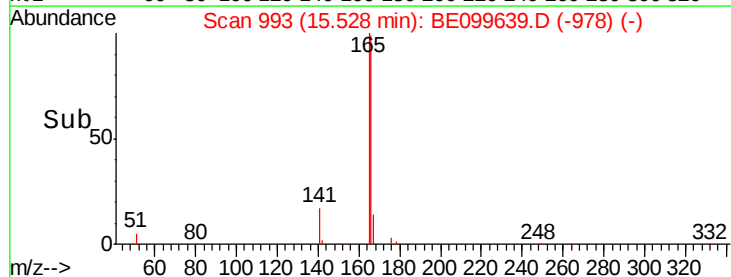
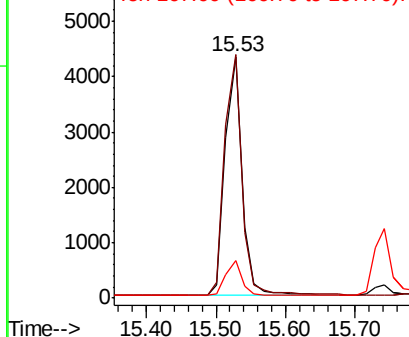


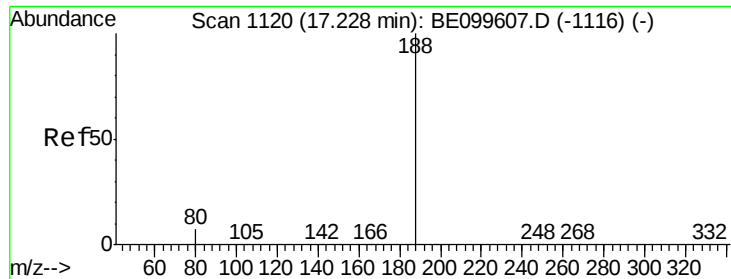
#18
Fluorene
Concen: 0.369 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tgt Ion:166 Resp: 7298
Ion Ratio Lower Upper
166 100
165 102.6 79.8 119.8
167 13.8 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: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

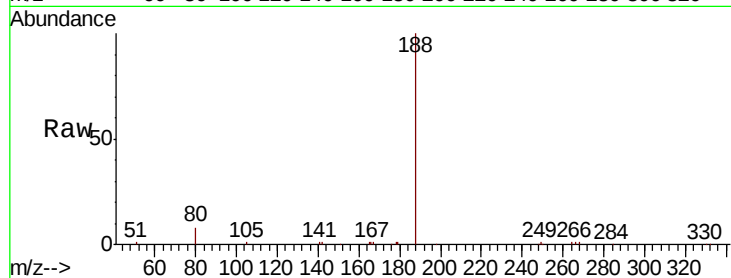
Tgt Ion:188 Resp: 15964

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

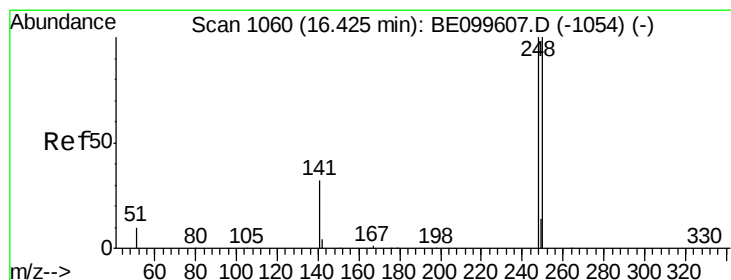
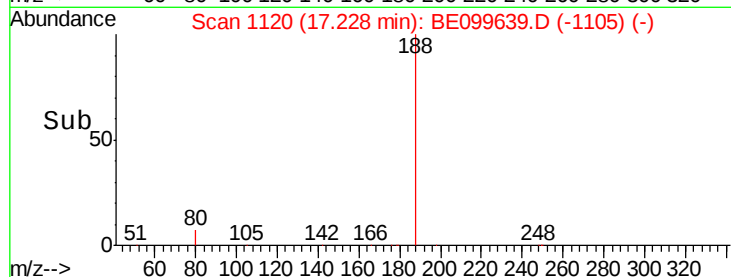
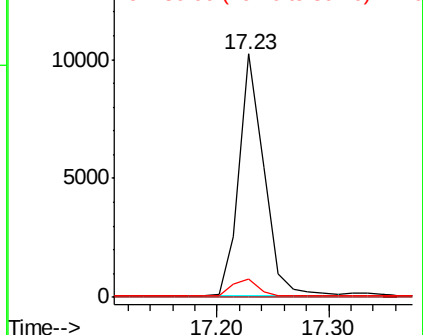
80 7.7 6.4 9.6



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: 0.349 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

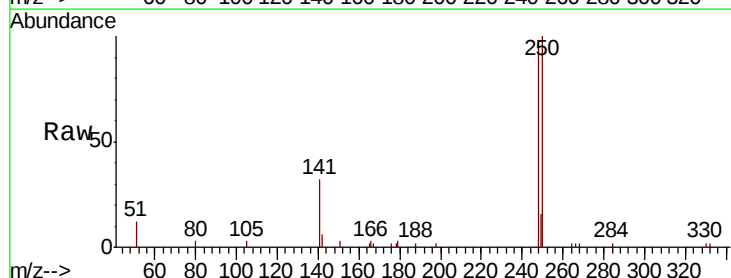
Tgt Ion:248 Resp: 3214

Ion Ratio Lower Upper

248 100

250 102.1 80.4 120.6

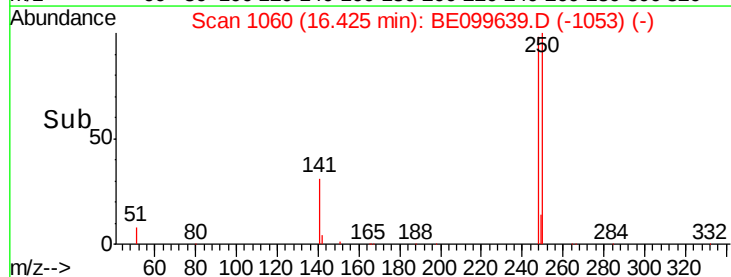
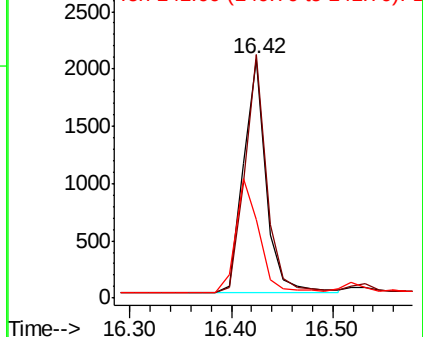
141 33.1 27.8 41.8

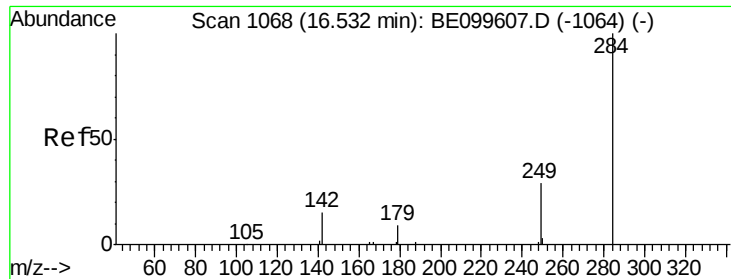


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

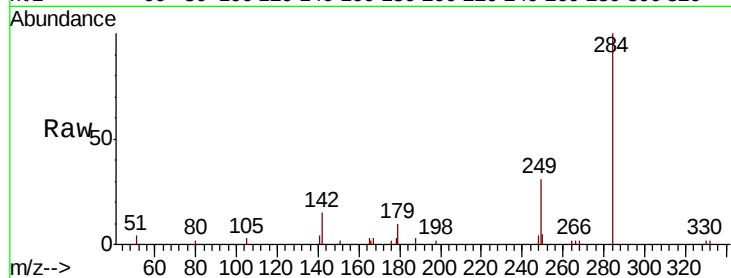




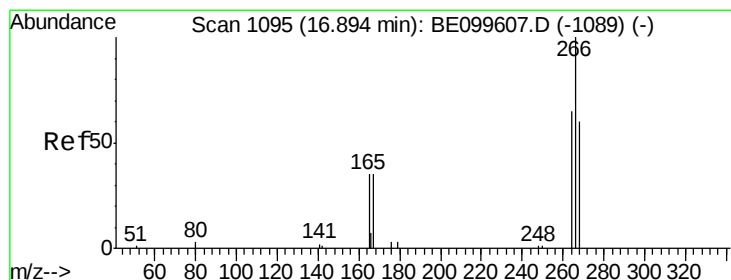
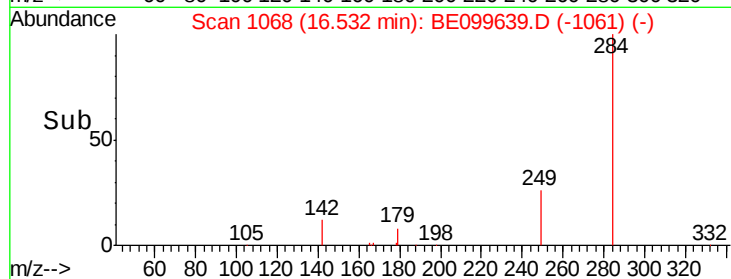
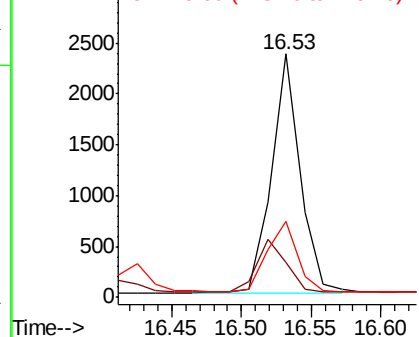
#21
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3358
Ion Ratio Lower Upper
284 100
142 23.2 19.4 29.2
249 31.3 24.6 37.0

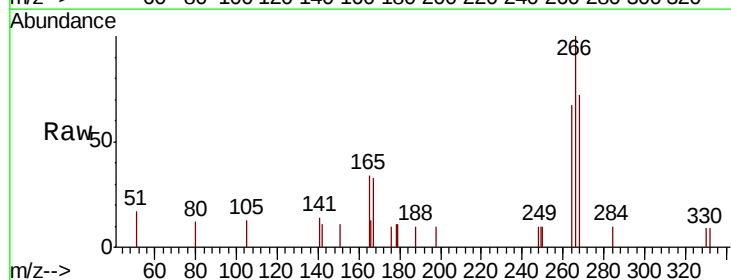


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

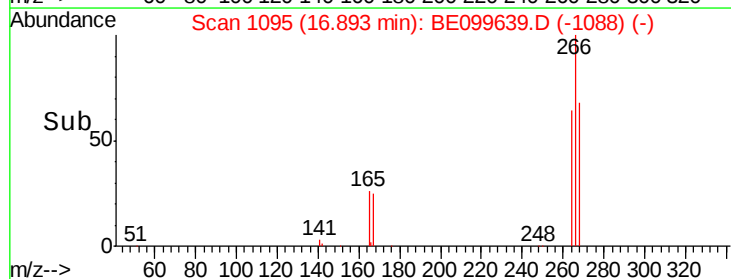
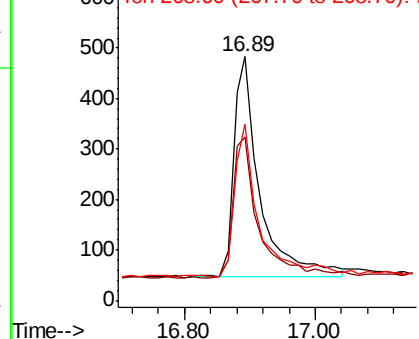


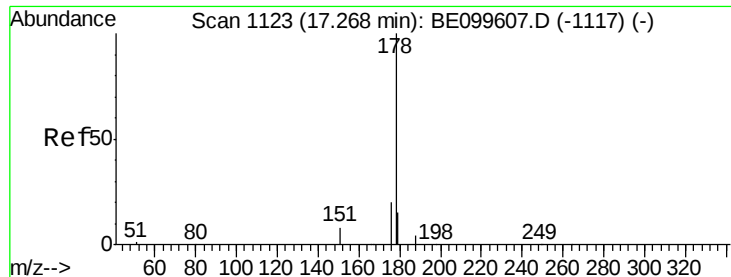
#22
Pentachlorophenol
Concen: 0.508 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tgt Ion:266 Resp: 1226
Ion Ratio Lower Upper
266 100
264 67.1 57.7 86.5
268 72.3 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

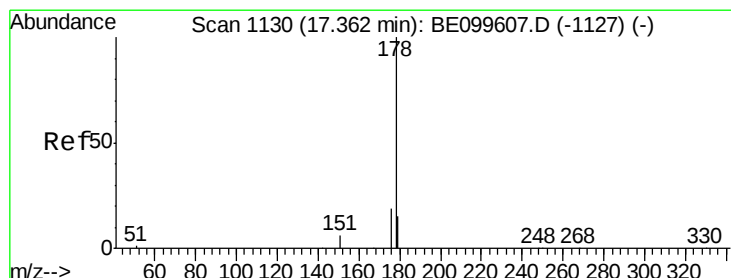
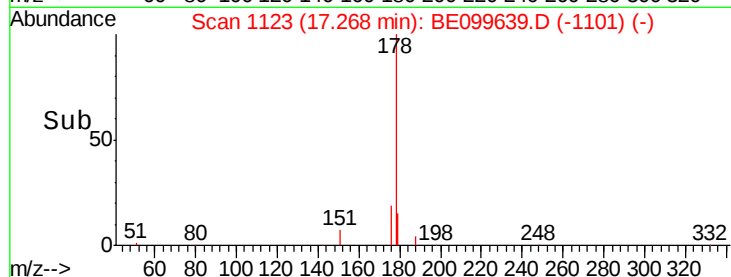
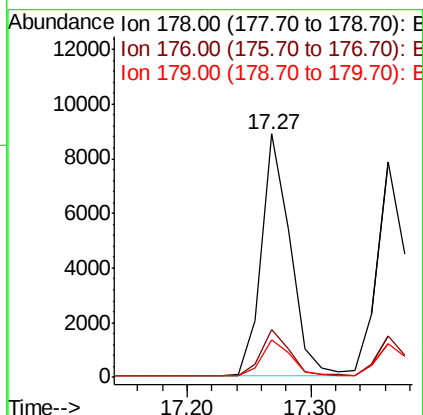
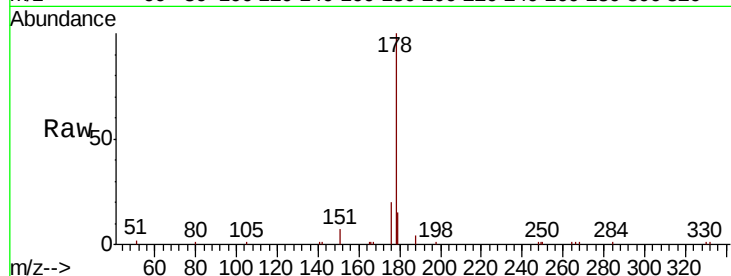




#23
Phenanthrene
Concen: 0.361 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

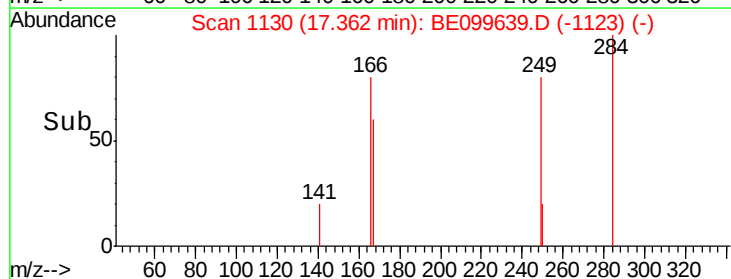
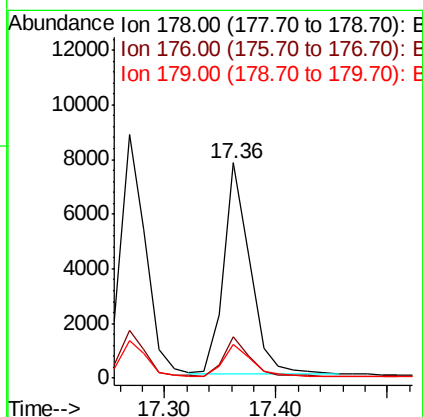
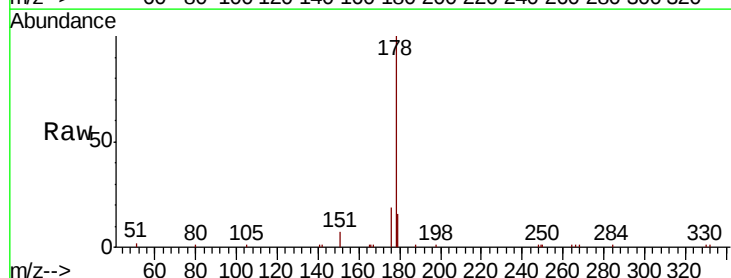
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

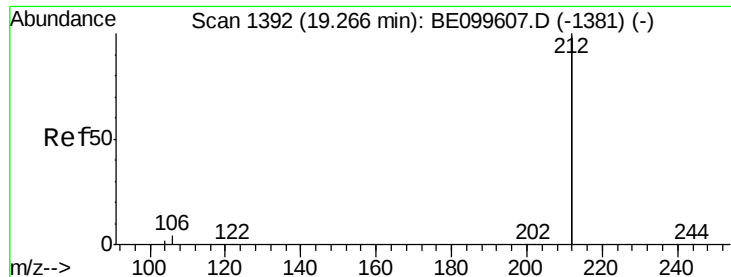
Tgt Ion:178 Resp: 14311
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.1 12.2 18.2



#24
Anthracene
Concen: 0.345 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tgt Ion:178 Resp: 12626
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 15.3 12.1 18.1





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

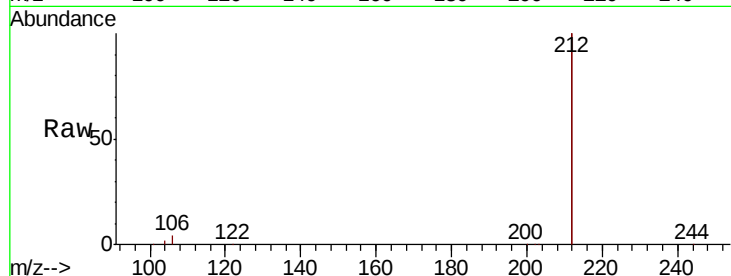
Tgt Ion:212 Resp: 76023

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

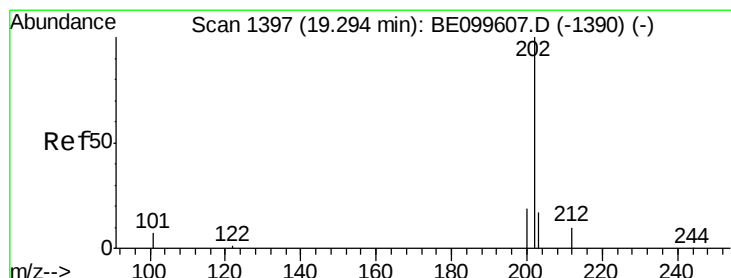
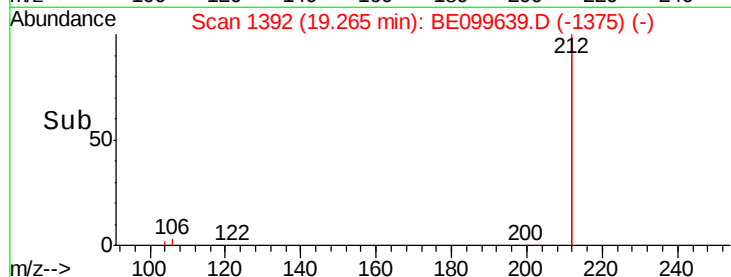
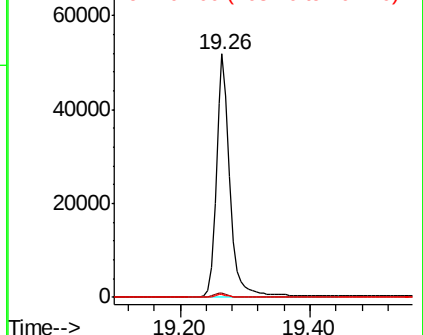
104 1.1 0.9 1.3



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: 0.363 ng

RT: 19.29 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

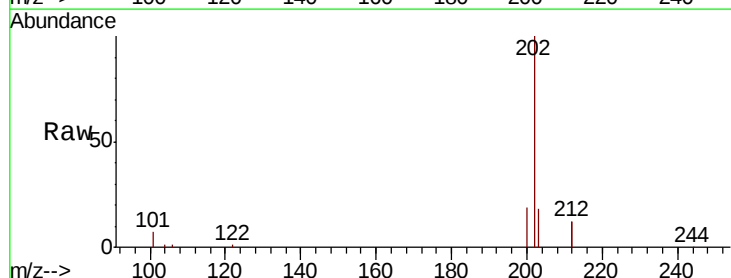
Tgt Ion:202 Resp: 21790

Ion Ratio Lower Upper

202 100

101 6.8 5.0 7.6

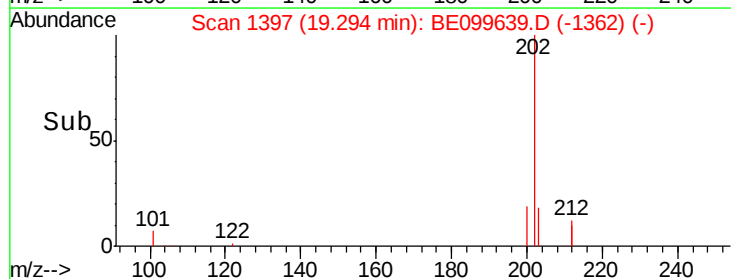
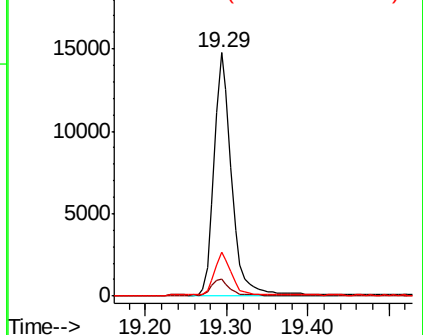
203 17.2 13.7 20.5

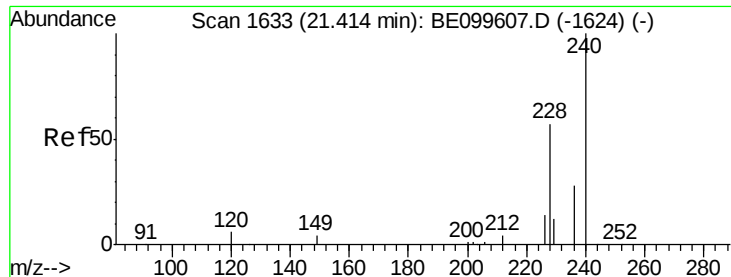


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

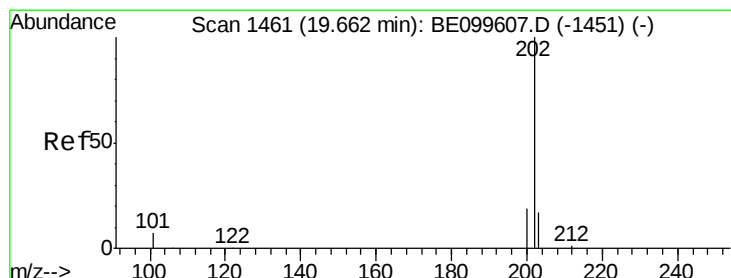
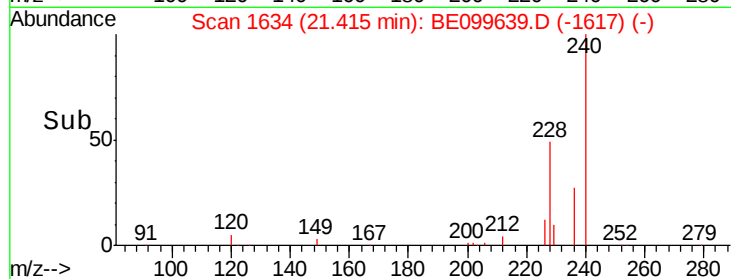
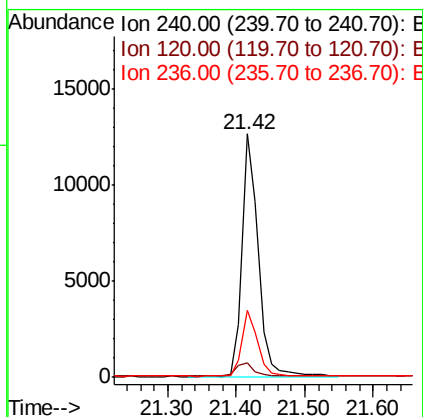
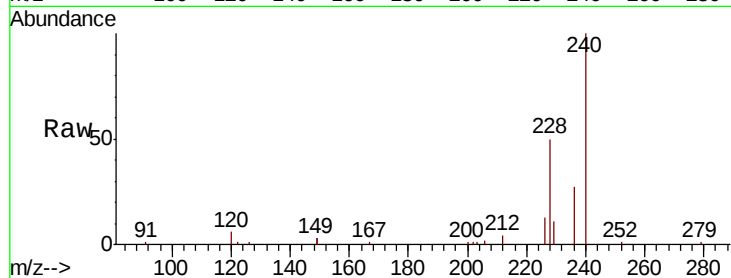




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

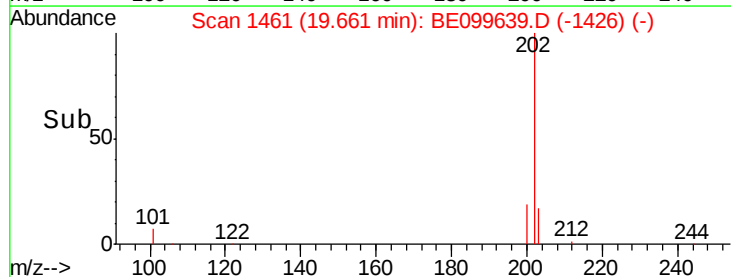
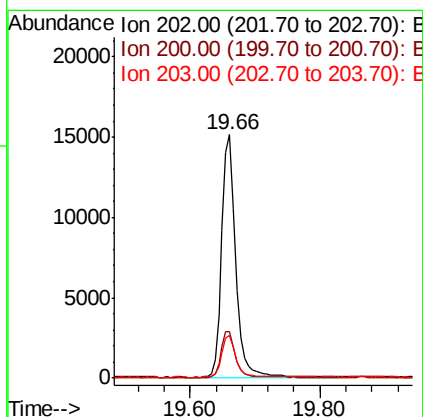
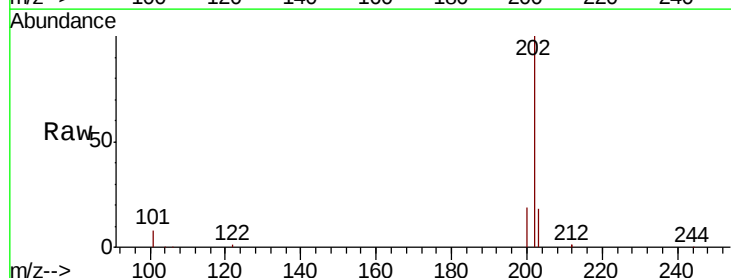
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

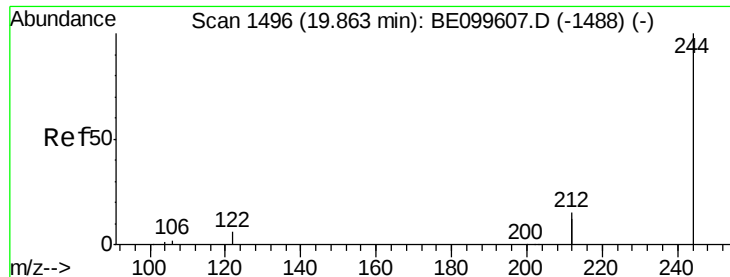
Tgt Ion:240 Resp: 20632
Ion Ratio Lower Upper
240 100
120 6.1 5.7 8.5
236 27.3 22.8 34.2



#28
Pyrene
Concen: 0.433 ng
RT: 19.66 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BE099639.D
Acq: 17 May 2019 1:39

Tgt Ion:202 Resp: 22781
Ion Ratio Lower Upper
202 100
200 19.3 15.8 23.6
203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.410 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

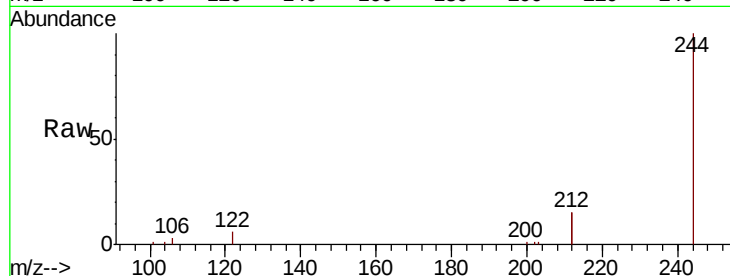
Tgt Ion:244 Resp: 15241

Ion Ratio Lower Upper

244 100

212 29.6 23.8 35.6

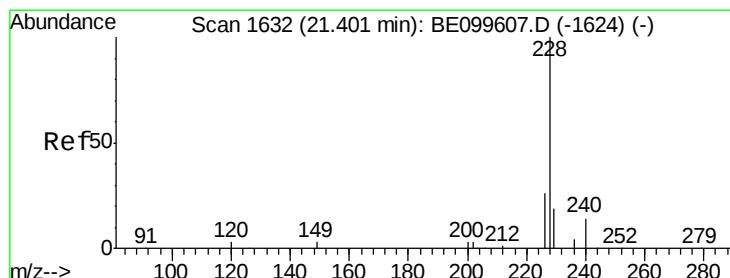
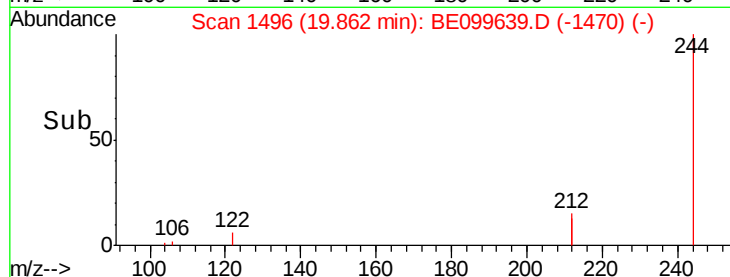
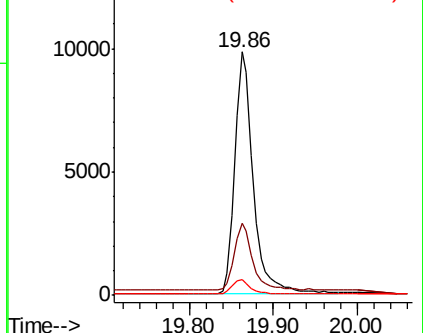
122 6.3 5.0 7.6



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: 0.391 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

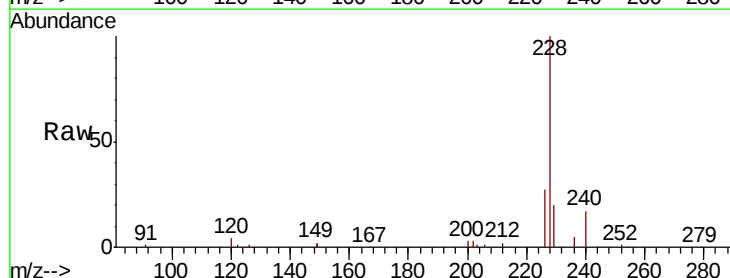
Tgt Ion:228 Resp: 24380

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.2

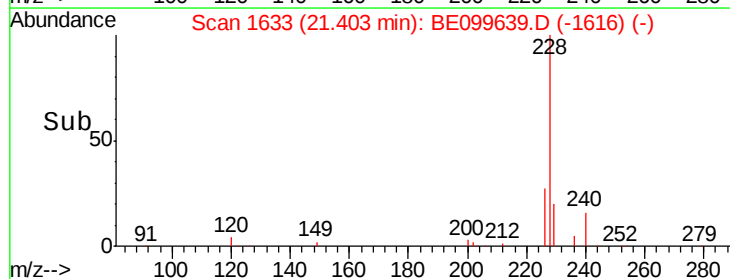
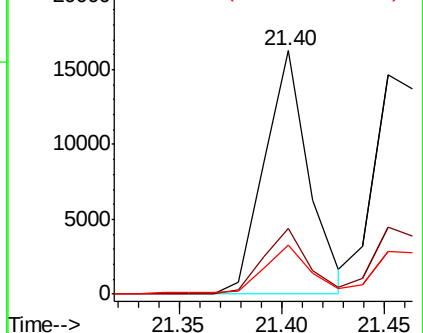
229 20.0 15.8 23.8

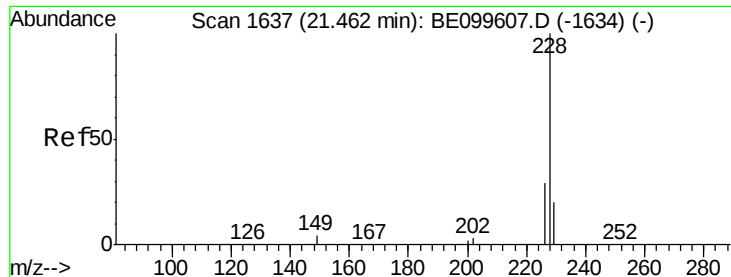


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.403 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

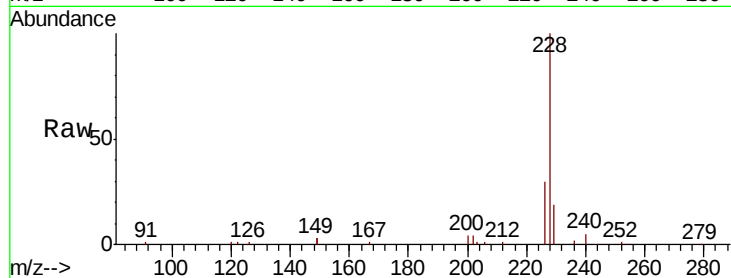
Tgt Ion:228 Resp: 25891

Ion Ratio Lower Upper

228 100

226 30.5 23.0 34.4

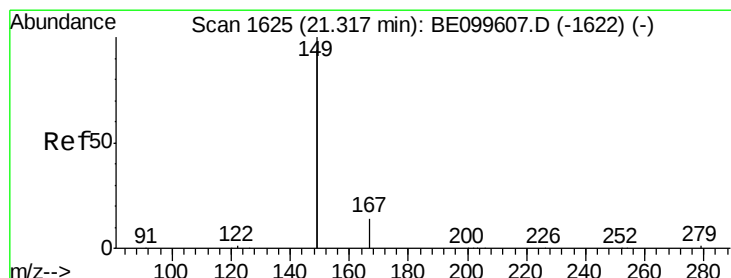
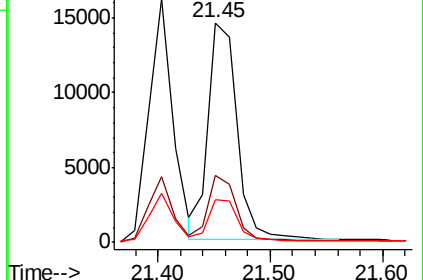
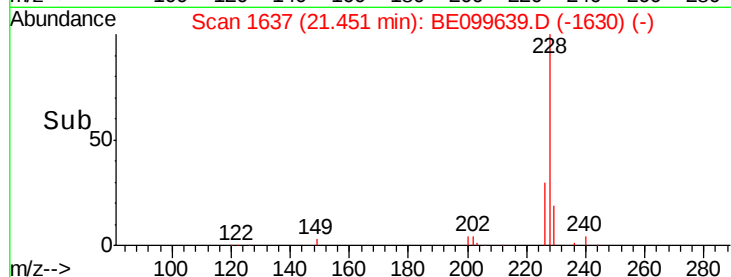
229 19.4 16.4 24.6



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: 0.372 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

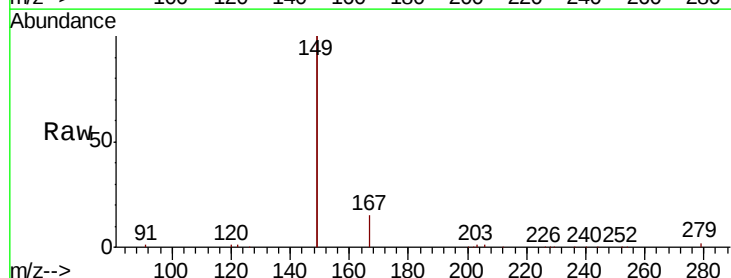
Tgt Ion:149 Resp: 35757

Ion Ratio Lower Upper

149 100

167 7.4 6.0 9.0

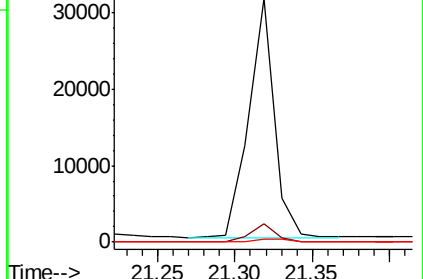
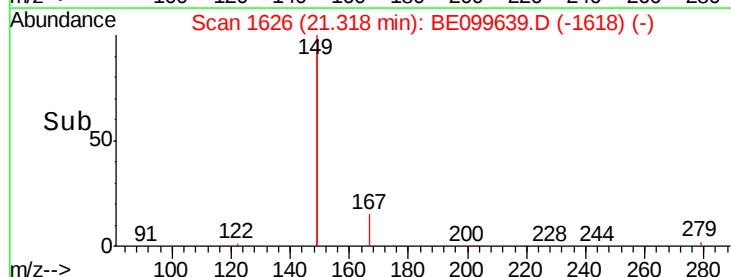
279 1.4 1.1 1.7

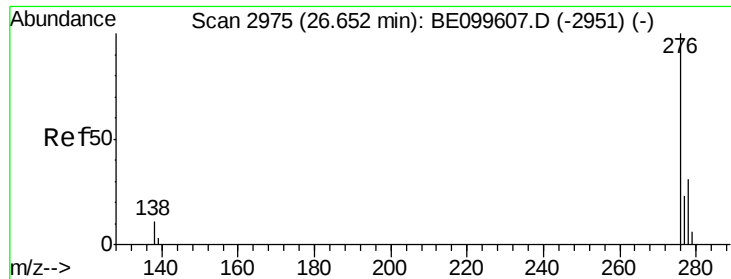


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.364 ng

RT: 26.65 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

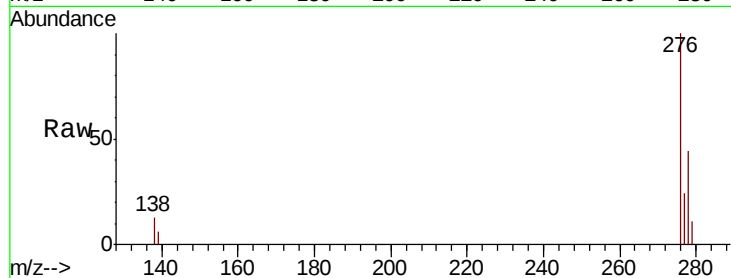
Tgt Ion:276 Resp: 29068

Ion Ratio Lower Upper

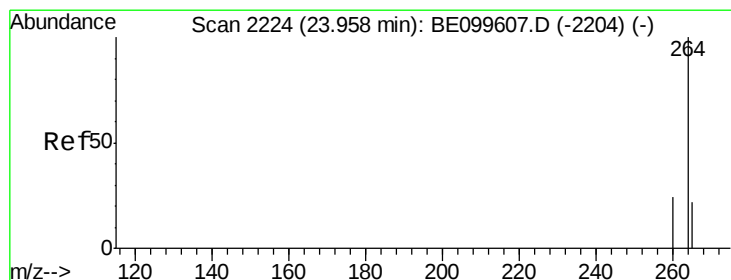
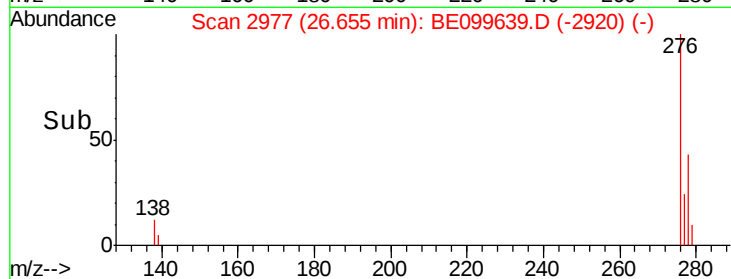
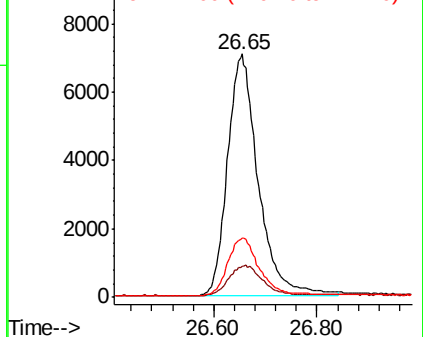
276 100

138 13.4 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: BE099639.D

Acq: 17 May 2019 1:39

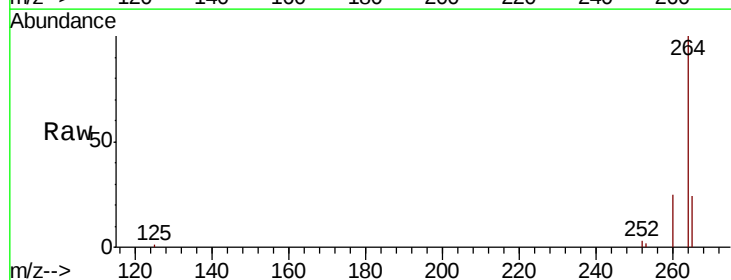
Tgt Ion:264 Resp: 23444

Ion Ratio Lower Upper

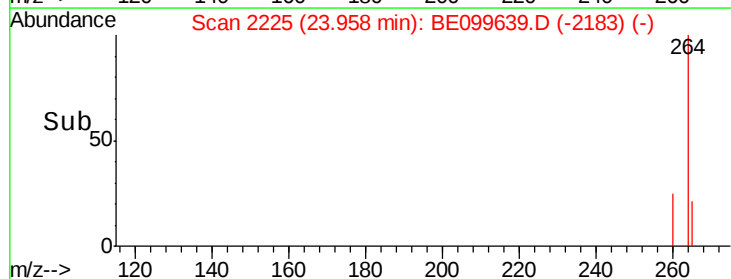
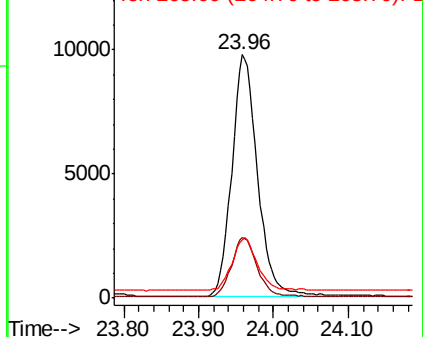
264 100

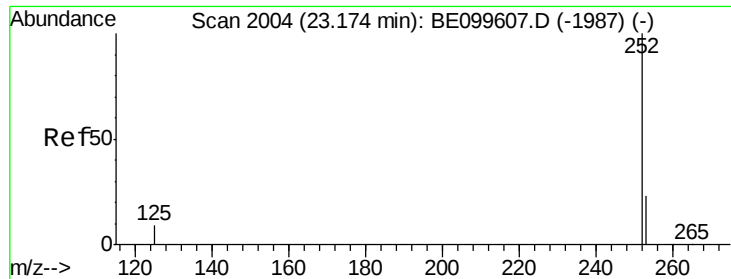
260 24.9 19.7 29.5

265 24.1 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: 0.370 ng

RT: 23.17 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

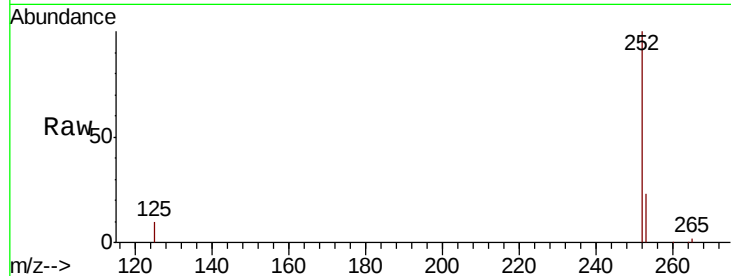
Tgt Ion:252 Resp: 24241

Ion Ratio Lower Upper

252 100

253 23.0 19.1 28.7

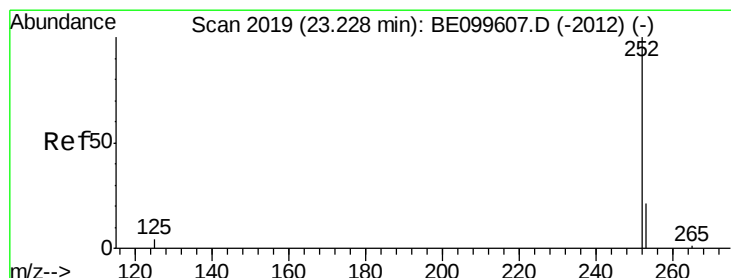
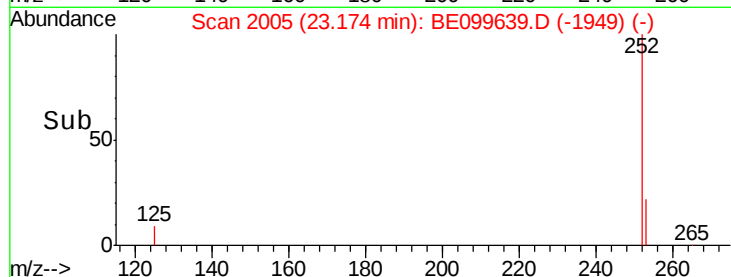
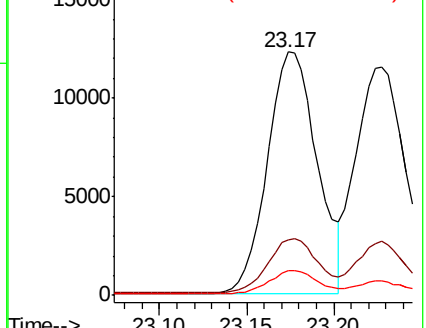
125 10.0 7.8 11.8



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: 0.369 ng

RT: 23.23 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

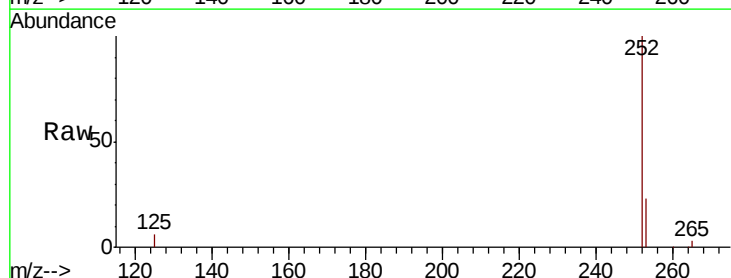
Tgt Ion:252 Resp: 23890

Ion Ratio Lower Upper

252 100

253 23.4 18.6 28.0

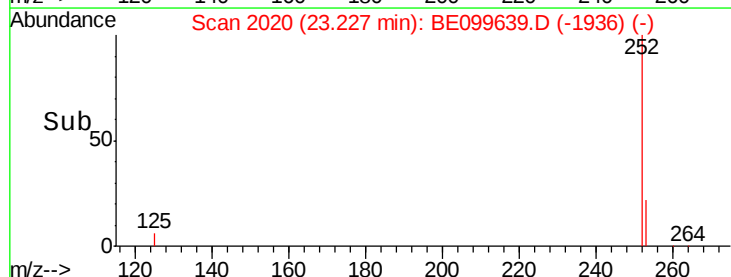
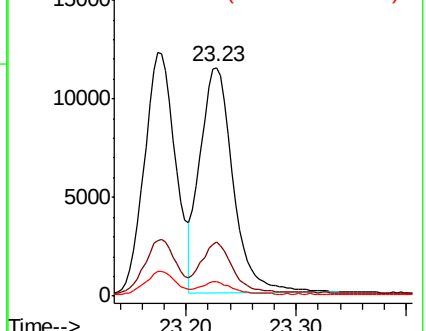
125 6.4 5.2 7.8

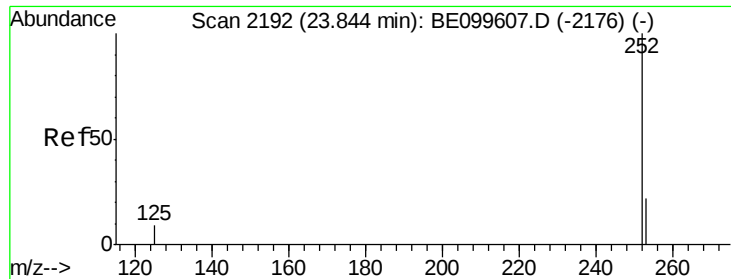


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.364 ng

RT: 23.84 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

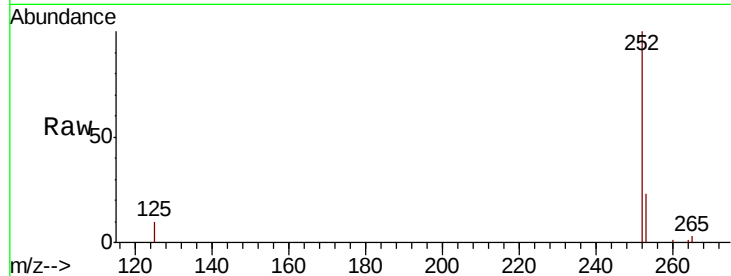
Tgt Ion: 252 Resp: 23101

Ion Ratio Lower Upper

252 100

253 23.2 19.0 28.6

125 10.0 8.8 13.2

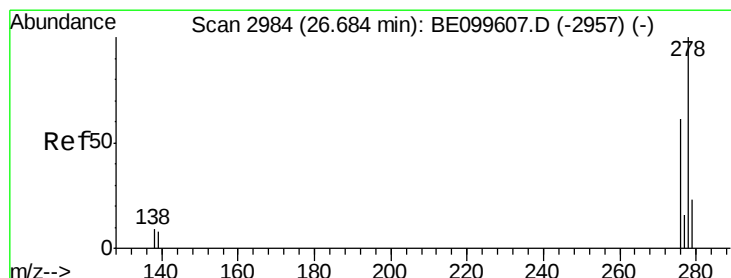
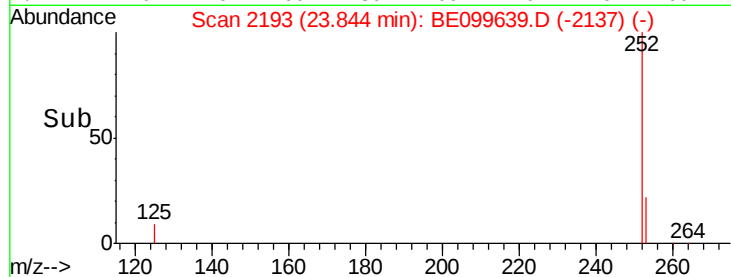
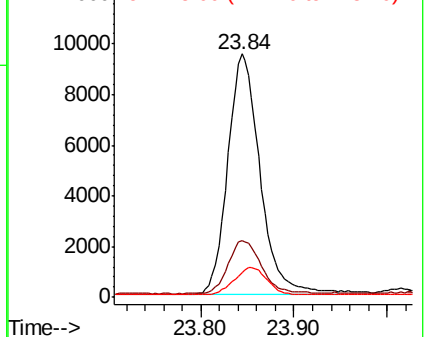


Abundance

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: 0.355 ng

RT: 26.68 min Scan# 2984

Delta R.T. -0.00 min

Lab File: BE099639.D

Acq: 17 May 2019 1:39

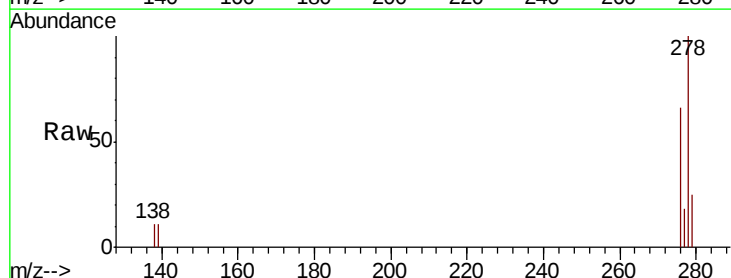
Tgt Ion: 278 Resp: 23374

Ion Ratio Lower Upper

278 100

139 10.6 7.9 11.9

279 24.9 19.5 29.3

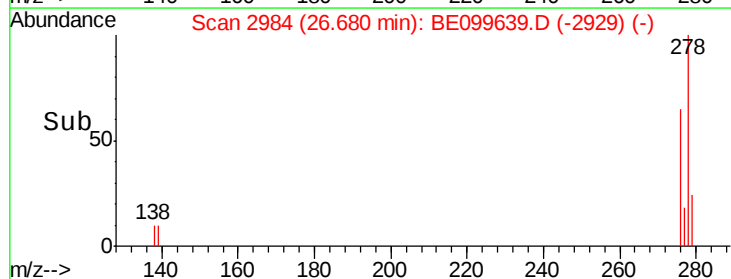
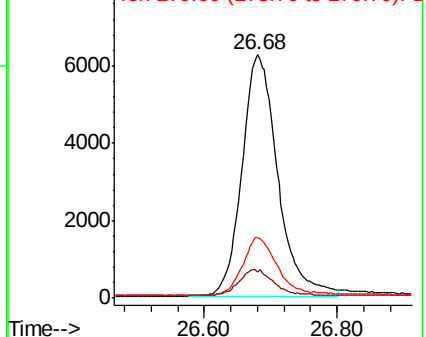


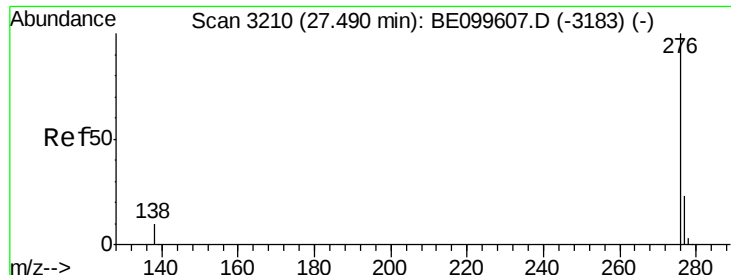
Abundance

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: 0.358 ng

RT: 27.48 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BE099639.D

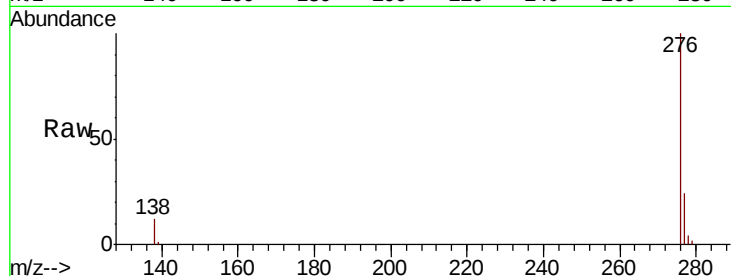
Acq: 17 May 2019 1:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 23727

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 12.1 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

