

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
 Data File : BE099084.D
 Acq On : 22 Mar 2019 17:27
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 23 01:14:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 23 00:46:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3192	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	12680	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	8780	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	26274	0.40	ng	0.00
27) Chrysene-d12	21.39	240	32163	0.40	ng	0.00
34) Perylene-d12	23.91	264	32292	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	3254	0.34	ng	0.00
5) Phenol-d6	6.99	99	4844	0.35	ng	0.00
8) Nitrobenzene-d5	8.99	82	2453	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8296	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	929	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	12371	0.35	ng	0.00
25) Fluoranthene-d10	19.24	212	126020	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	24994	0.37	ng	0.00

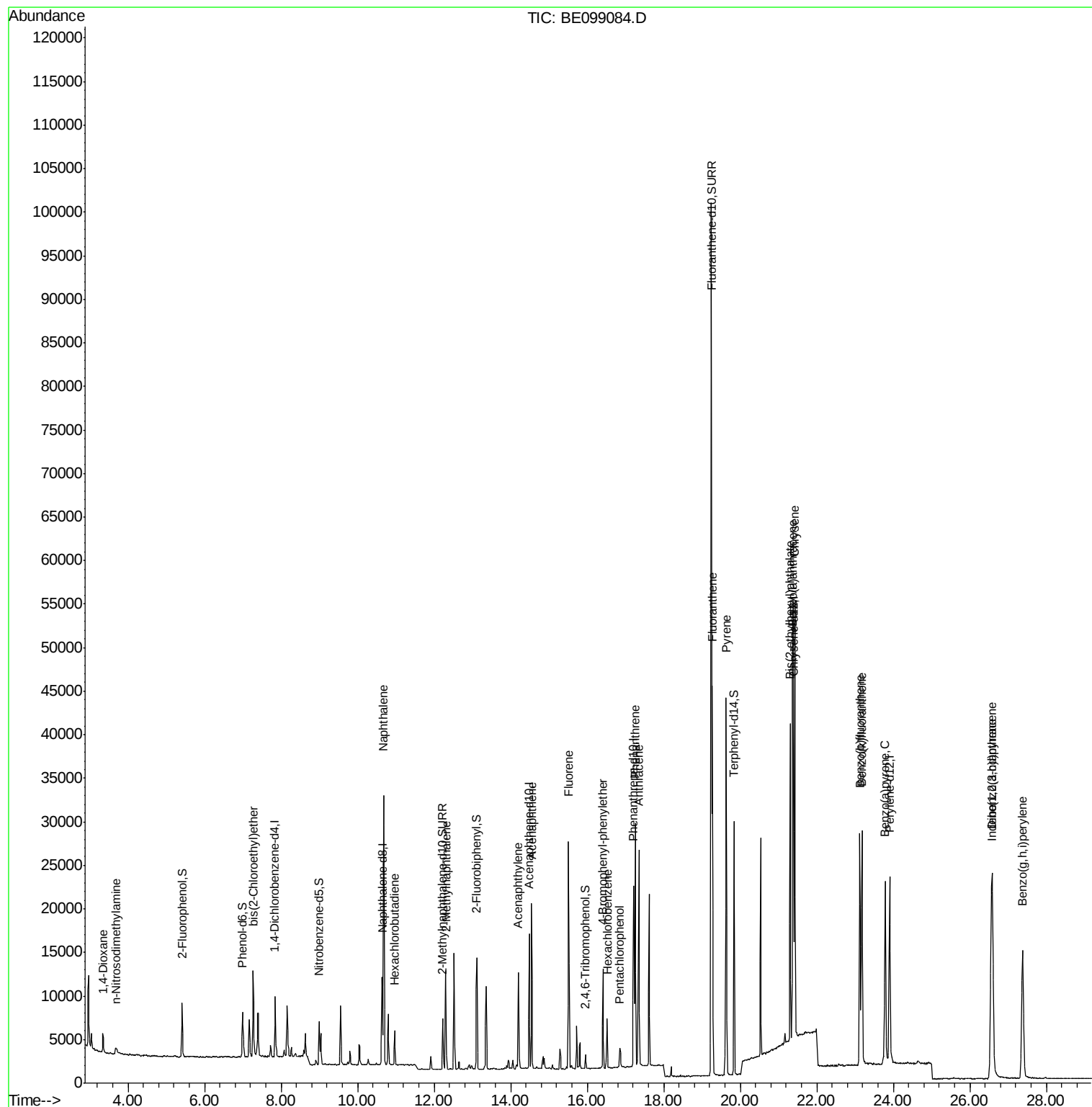
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	1989	0.402	ng	90
3) n-Nitrosodimethylamine	3.68	42	779	0.305	ng	# 77
6) bis(2-Chloroethyl)ether	7.27	93	4234	0.381	ng	84
9) Naphthalene	10.68	128	53940	0.361	ng	98
10) Hexachlorobutadiene	10.96	225	2697	0.369	ng	99
12) 2-Methylnaphthalene	12.31	142	9244	0.361	ng	# 89
16) Acenaphthylene	14.20	152	15197	0.324	ng	98
17) Acenaphthene	14.54	154	9629	0.346	ng	98
18) Fluorene	15.51	166	14133	0.349	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	5208	0.358	ng	# 79
21) Hexachlorobenzene	16.52	284	4702	0.348	ng	97
22) Pentachlorophenol	16.85	266	1373	0.499	ng	# 75
23) Phenanthrene	17.26	178	27217	0.349	ng	100
24) Anthracene	17.35	178	25158	0.341	ng	99
26) Fluoranthene	19.27	202	38397	0.350	ng	99
28) Pyrene	19.63	202	38933	0.357	ng	99
30) Benzo(a)anthracene	21.37	228	39860	0.352	ng	98
31) Chrysene	21.43	228	41328	0.365	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	38750	0.264	ng	99
33) Indeno(1,2,3-cd)pyrene	26.56	276	41806	0.343	ng	# 91
35) Benzo(b)fluoranthene	23.13	252	38528	0.345	ng	100
36) Benzo(k)fluoranthene	23.18	252	38583	0.352	ng	99
37) Benzo(a)pyrene	23.79	252	35097	0.340	ng	98
38) Dibenzo(a,h)anthracene	26.59	278	34542	0.344	ng	95
39) Benzo(g,h,i)perylene	27.38	276	35866	0.348	ng	98

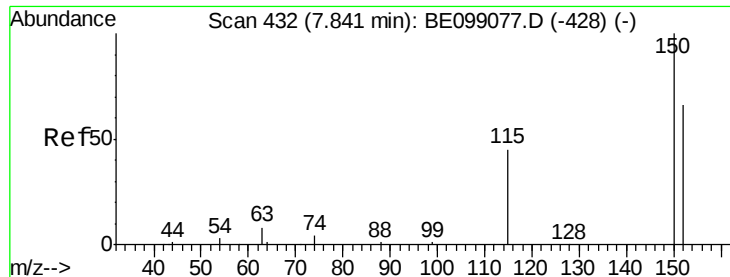
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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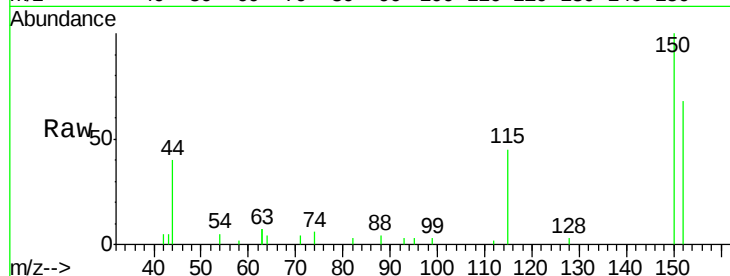


#1

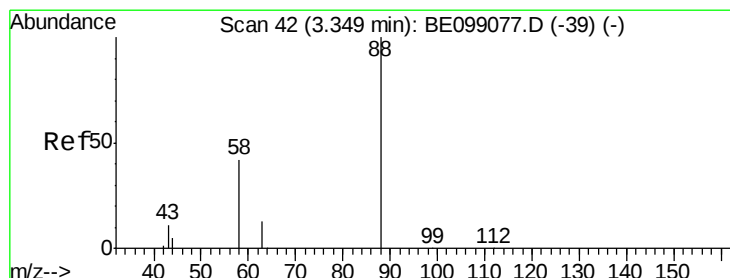
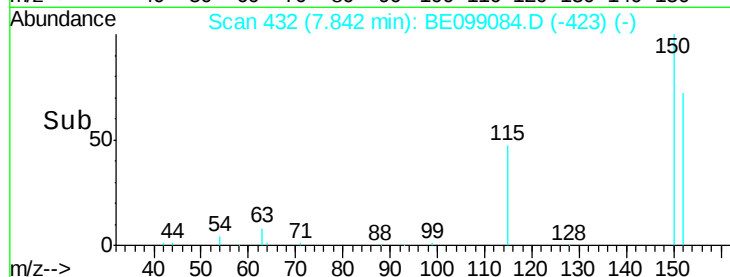
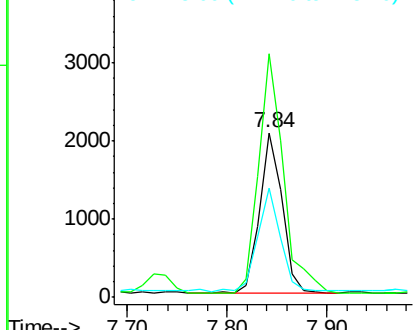
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099084.D
Acq: 22 Mar 2019 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3192
Ion Ratio Lower Upper
152 100
150 147.7 122.5 183.7
115 66.4 57.4 86.2



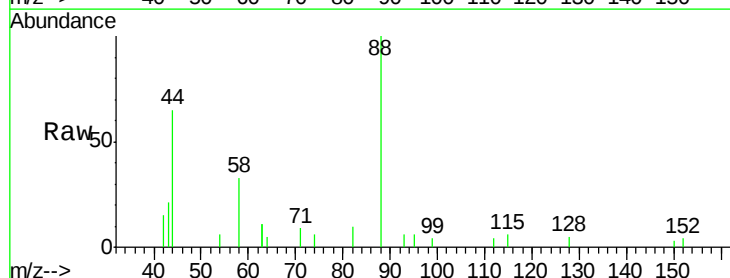
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



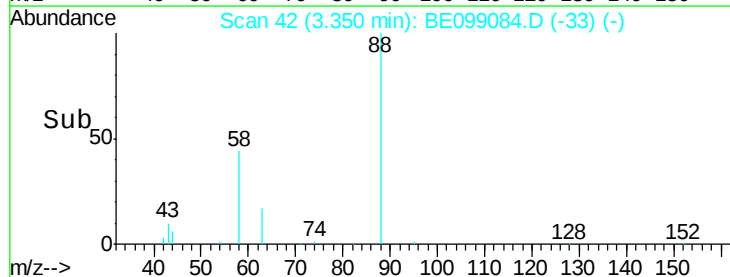
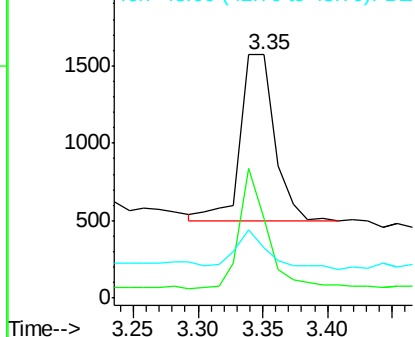
#2

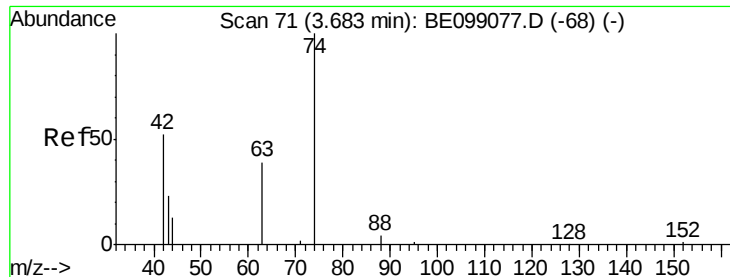
1,4-Dioxane
Concen: 0.402 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE099084.D
Acq: 22 Mar 2019 17:27

Tgt Ion: 88 Resp: 1989
Ion Ratio Lower Upper
88 100
58 57.6 52.0 78.0
43 24.1 24.0 36.0



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: 0.305 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

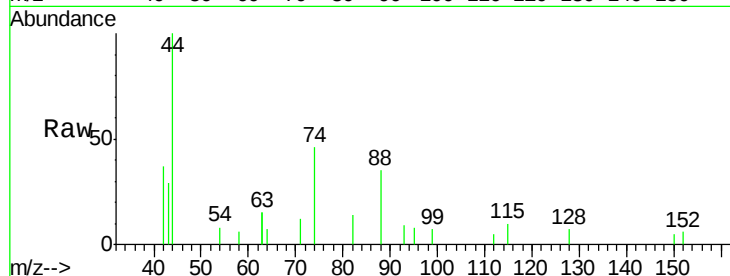
Tgt Ion: 42 Resp: 779

Ion Ratio Lower Upper

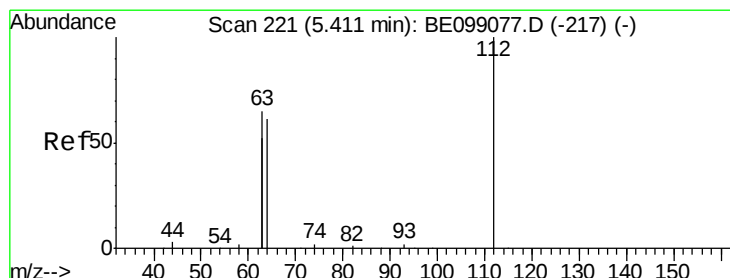
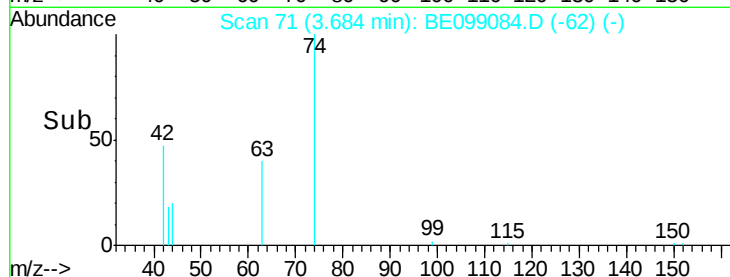
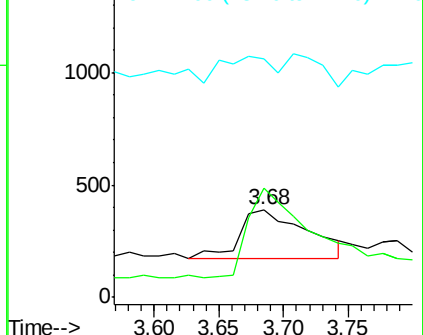
42 100

74 164.4 160.0 240.0

44 43.8 0.0 0.0#



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: 0.342 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

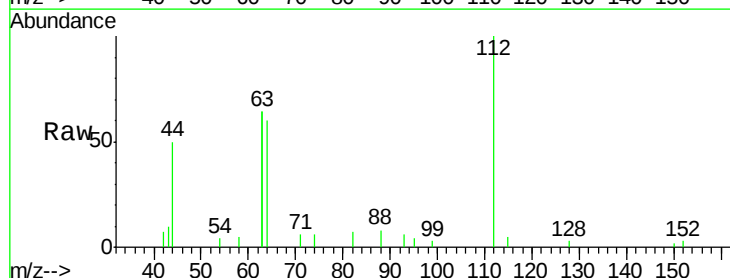
Tgt Ion: 112 Resp: 3254

Ion Ratio Lower Upper

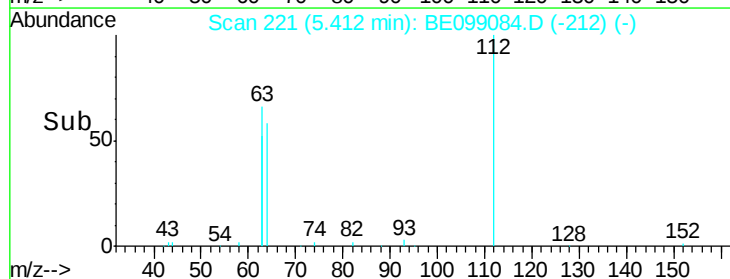
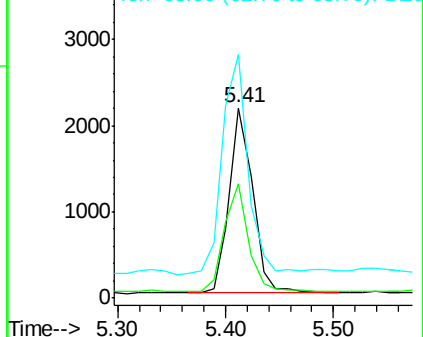
112 100

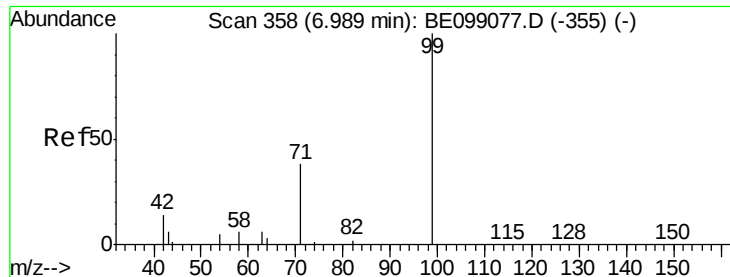
64 60.2 57.9 86.9

63 130.5 158.3 237.5#



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: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

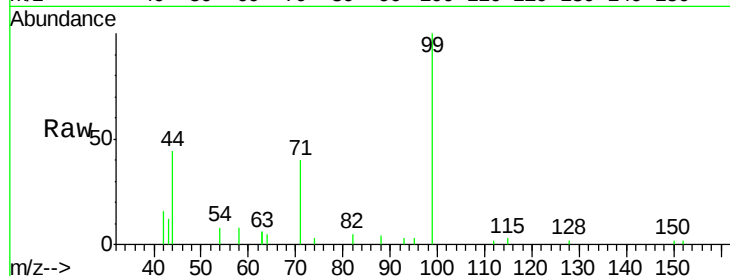
Tgt Ion: 99 Resp: 4844

Ion Ratio Lower Upper

99 100

42 16.8 24.2 36.2#

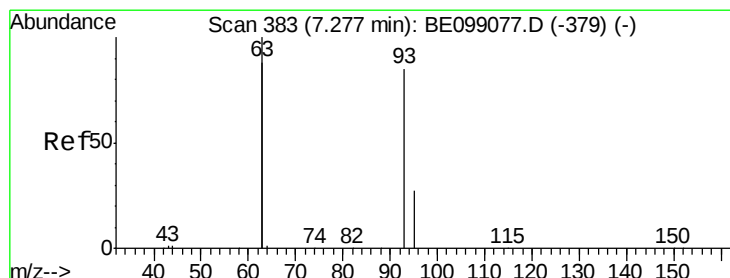
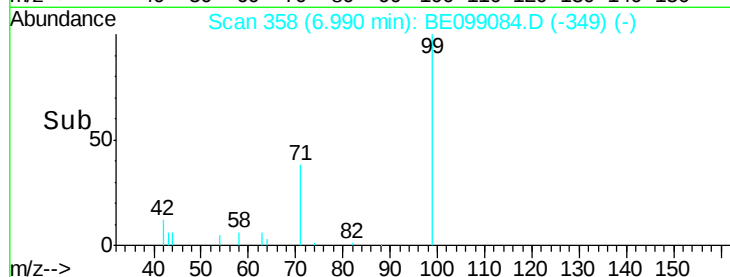
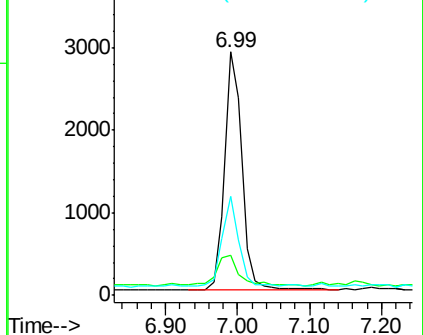
71 35.9 35.7 53.5



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: 0.381 ng

RT: 7.27 min Scan# 382

Delta R.T. -0.01 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

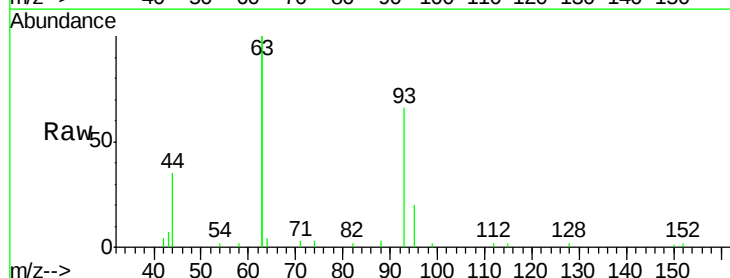
Tgt Ion: 93 Resp: 4234

Ion Ratio Lower Upper

93 100

63 274.4 247.5 371.3

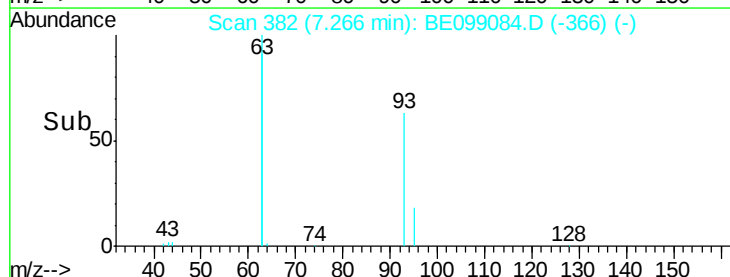
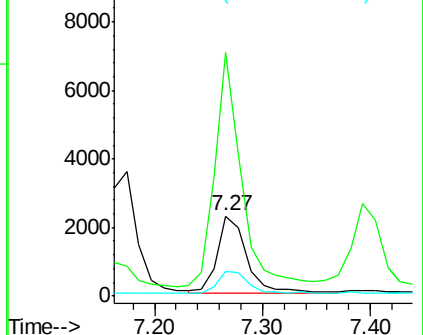
95 29.5 21.8 32.8

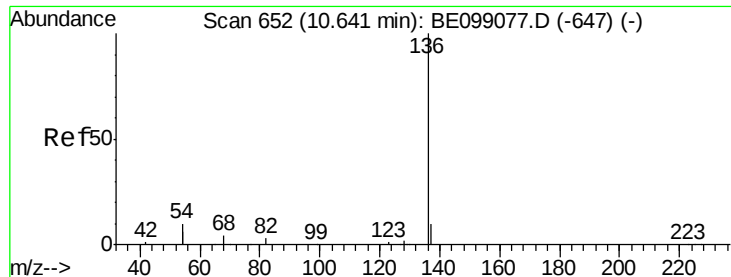


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 12680

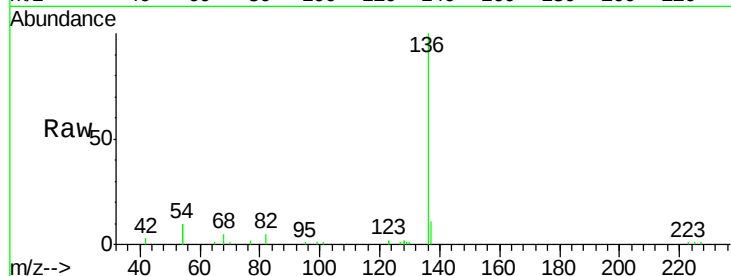
Ion Ratio Lower Upper

136 100

137 11.3 11.4 17.0#

54 19.5 39.3 58.9#

68 5.1 6.7 10.1#

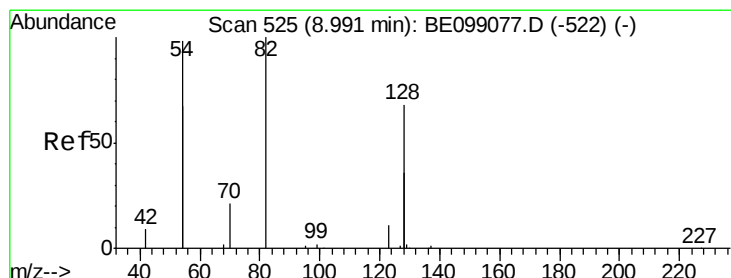
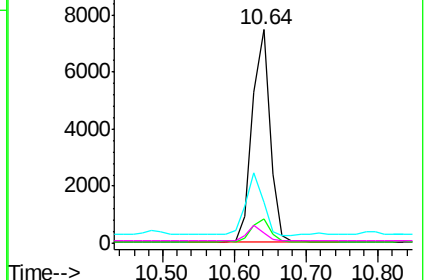
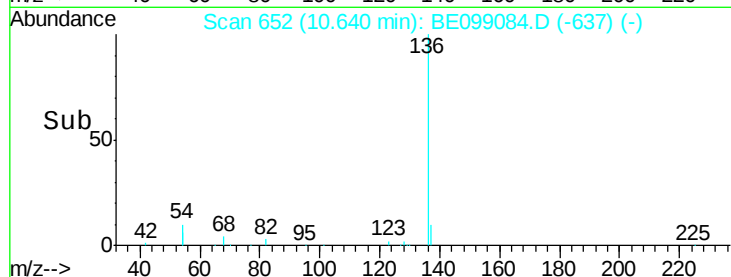


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.443 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

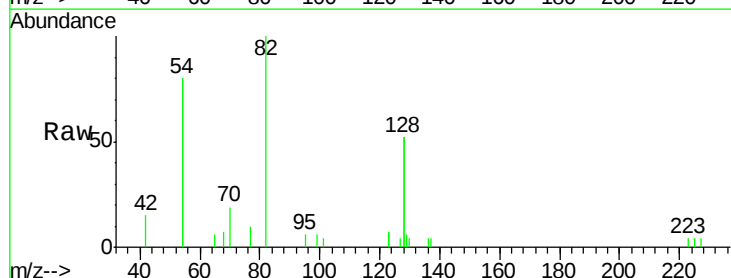
Tgt Ion: 82 Resp: 2453

Ion Ratio Lower Upper

82 100

128 103.5 123.8 185.8#

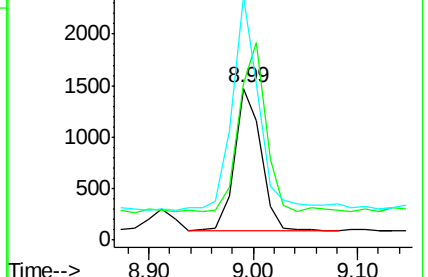
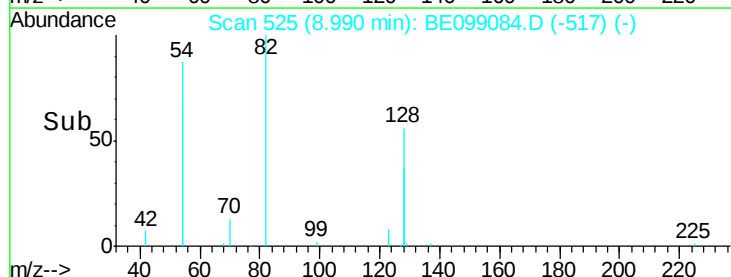
54 160.6 203.4 305.2#

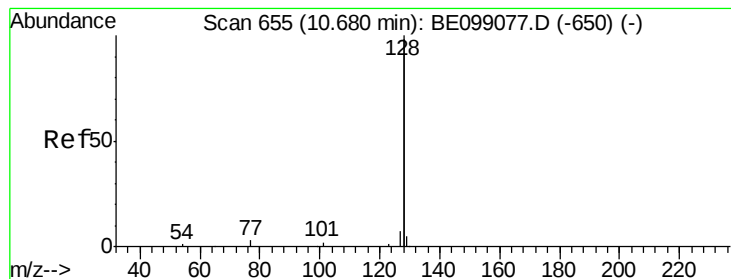


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.361 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

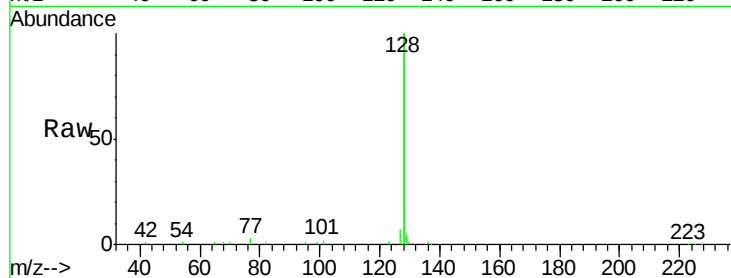
Tgt Ion:128 Resp: 53940

Ion Ratio Lower Upper

128 100

129 2.7 2.6 4.0

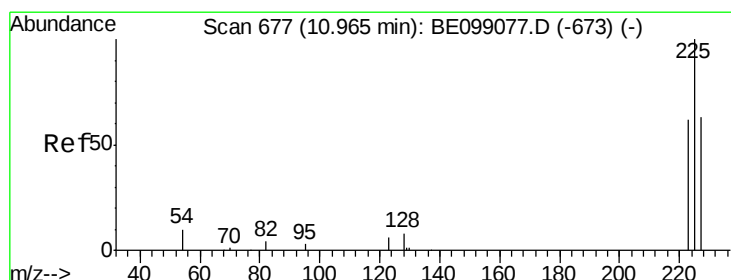
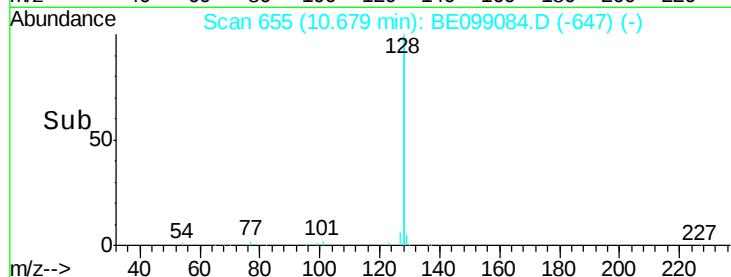
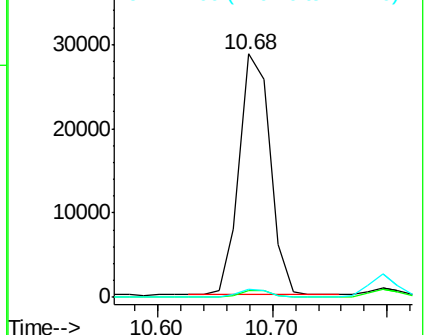
127 3.4 3.1 4.7



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: 0.369 ng

RT: 10.96 min Scan# 677

Delta R.T. -0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

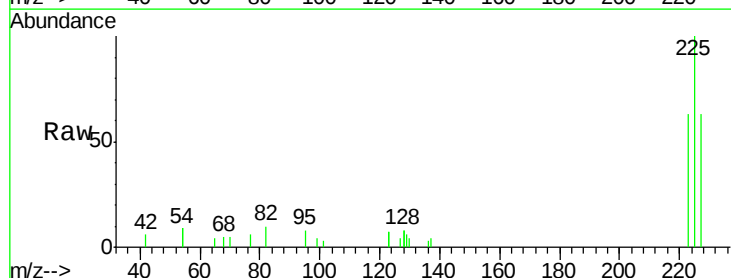
Tgt Ion:225 Resp: 2697

Ion Ratio Lower Upper

225 100

223 63.1 51.1 76.7

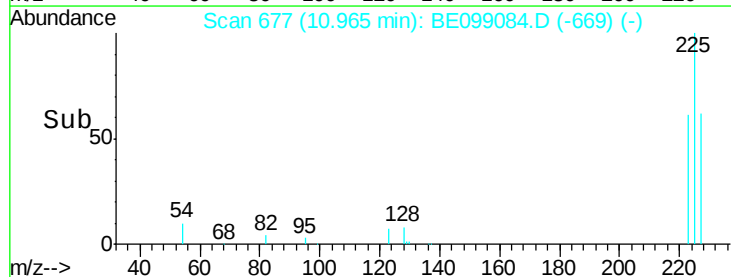
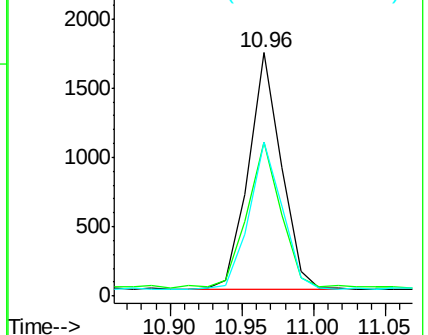
227 63.4 51.6 77.4

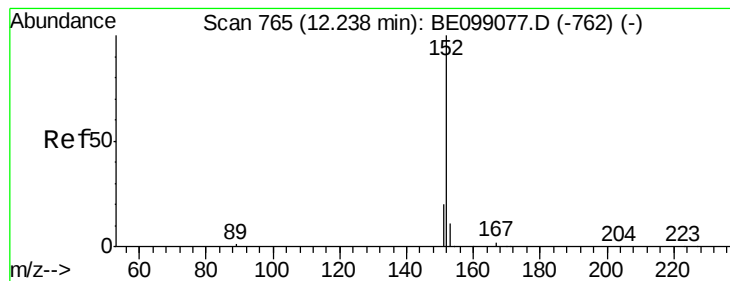


Abundance Ion 225.00 (224.70 to 225.70): E

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. -0.01 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

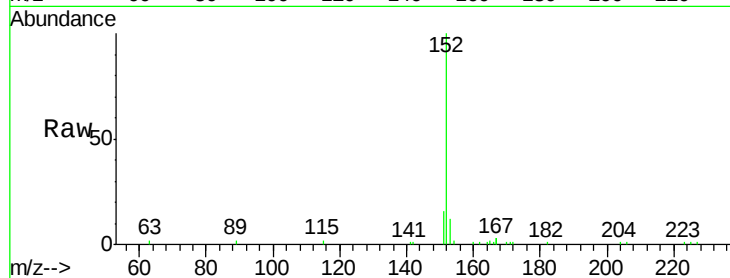
SSTDCCC0.4

Tgt Ion:152 Resp: 8296

Ion Ratio Lower Upper

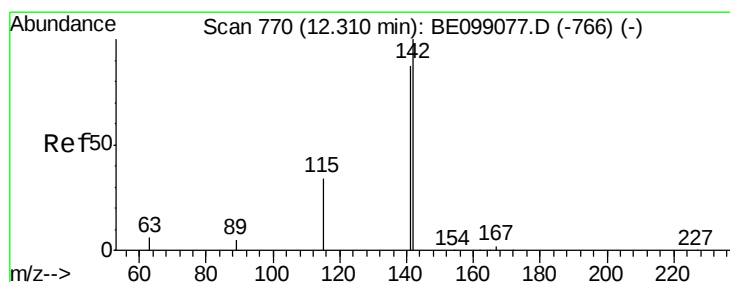
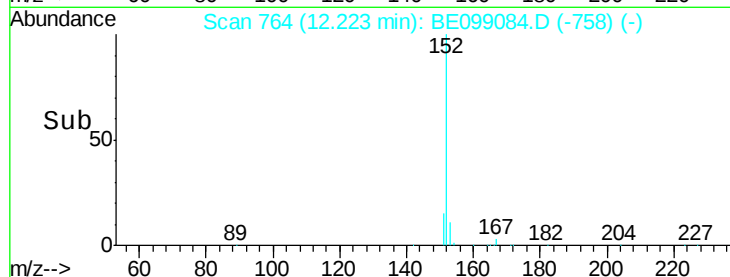
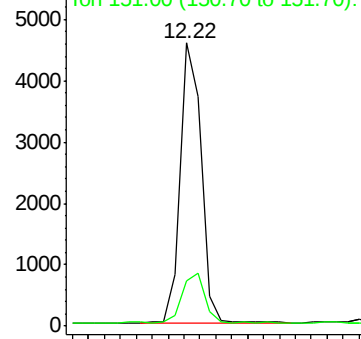
152 100

151 19.3 16.5 24.7



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: 12.31 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

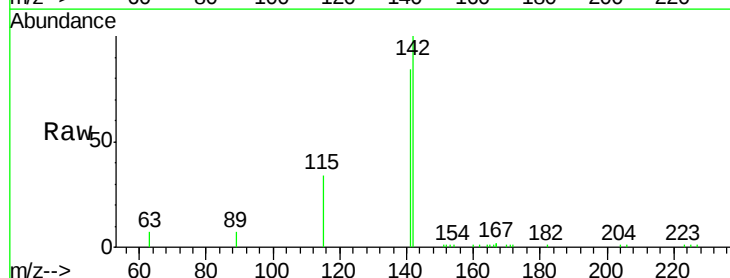
Tgt Ion:142 Resp: 9244

Ion Ratio Lower Upper

142 100

141 83.7 72.6 108.8

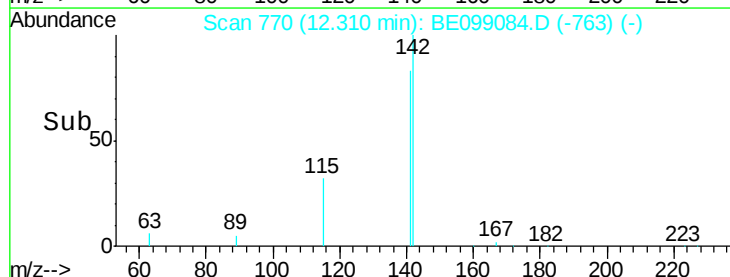
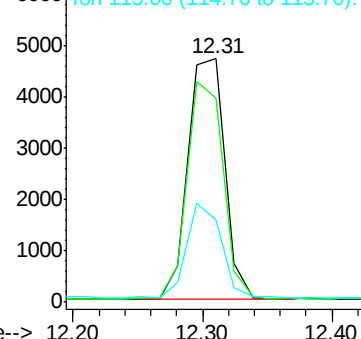
115 33.9 37.4 56.2#

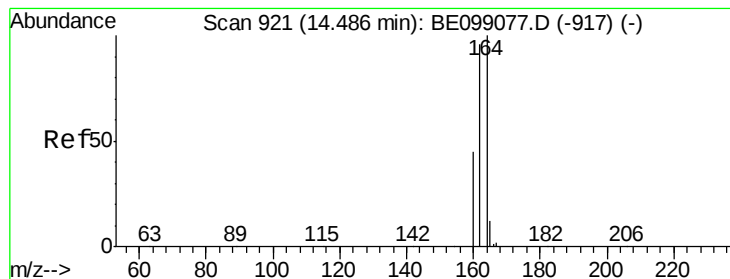


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

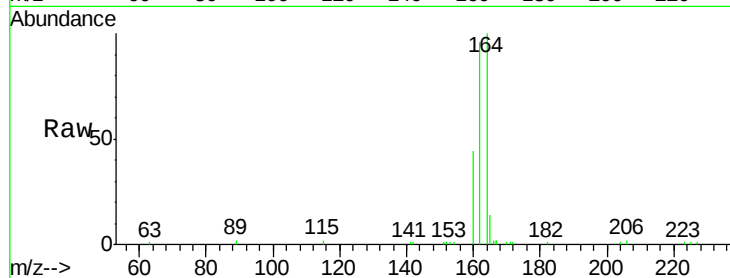
Tgt Ion:164 Resp: 8780

Ion Ratio Lower Upper

164 100

162 95.6 80.2 120.2

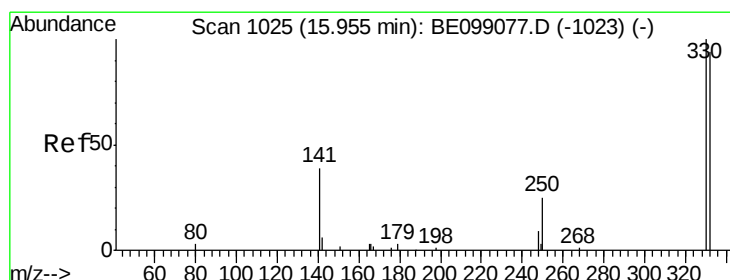
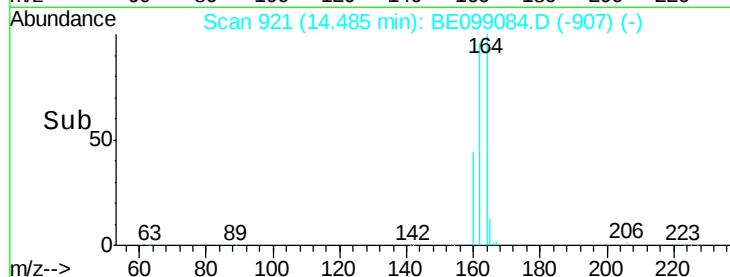
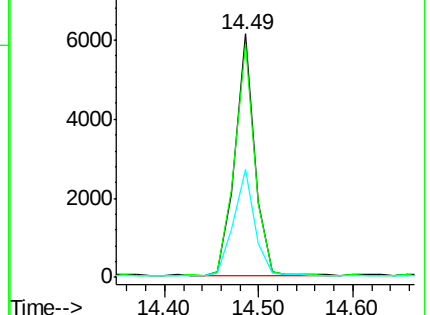
160 44.5 37.8 56.8



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: 0.360 ng

RT: 15.96 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

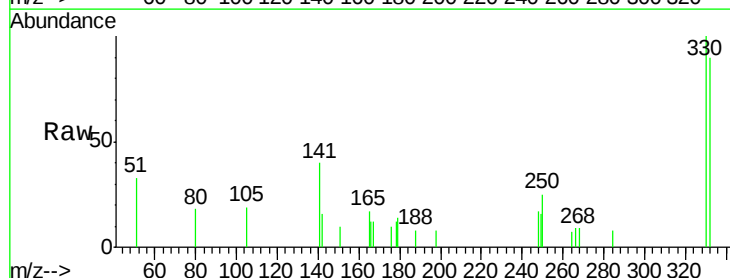
Tgt Ion:330 Resp: 929

Ion Ratio Lower Upper

330 100

332 99.6 77.6 116.4

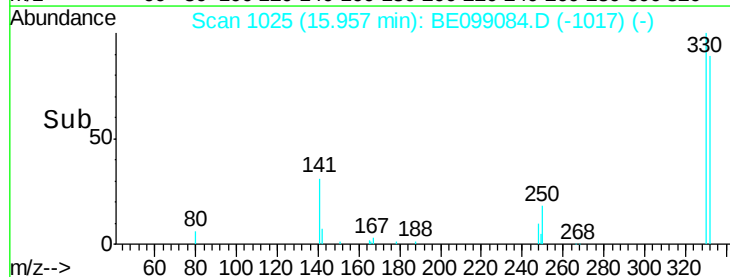
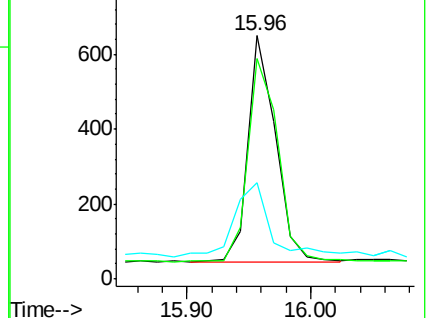
141 42.2 31.0 46.4

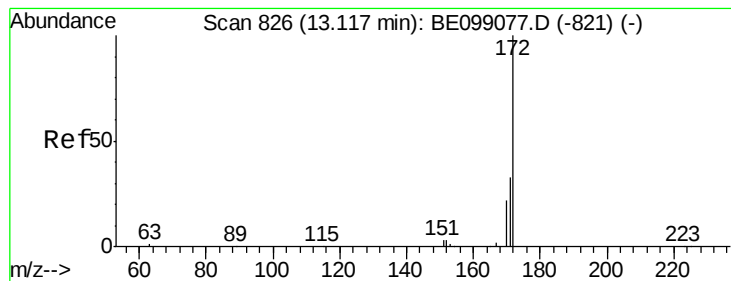


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.354 ng

RT: 13.12 min Scan# 826

Delta R.T. -0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

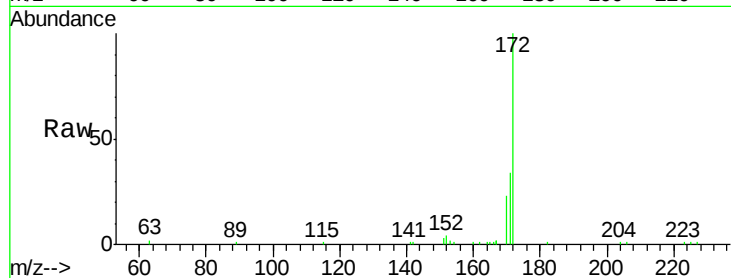
Tgt Ion:172 Resp: 12371

Ion Ratio Lower Upper

172 100

171 34.4 28.0 42.0

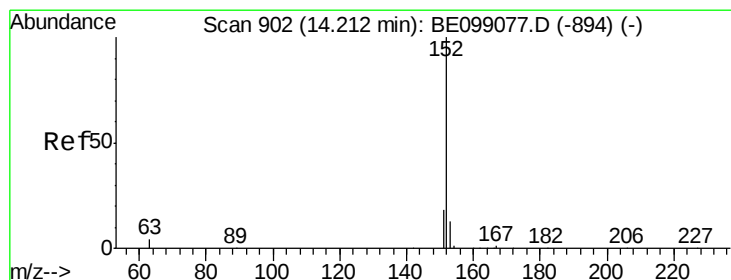
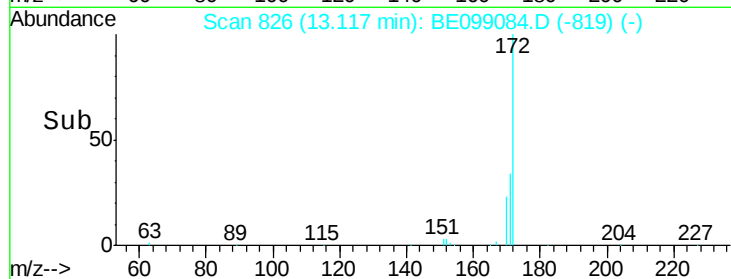
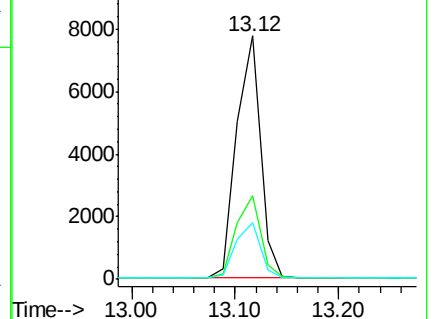
170 23.3 17.7 26.5



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: 0.324 ng

RT: 14.20 min Scan# 901

Delta R.T. -0.01 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

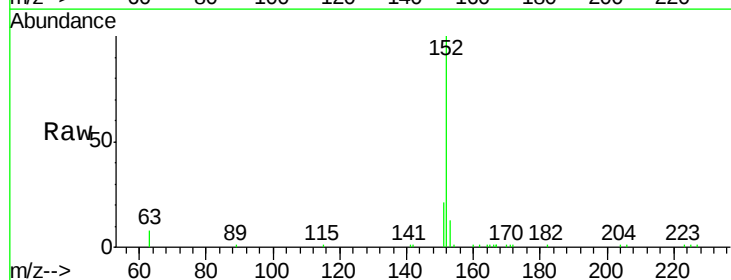
Tgt Ion:152 Resp: 15197

Ion Ratio Lower Upper

152 100

151 20.0 17.0 25.6

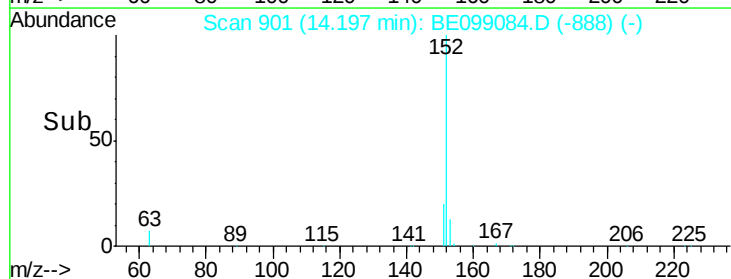
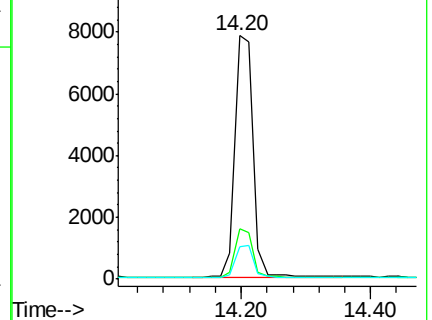
153 13.5 11.2 16.8

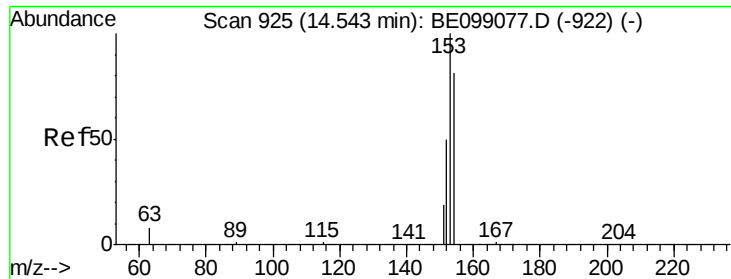


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

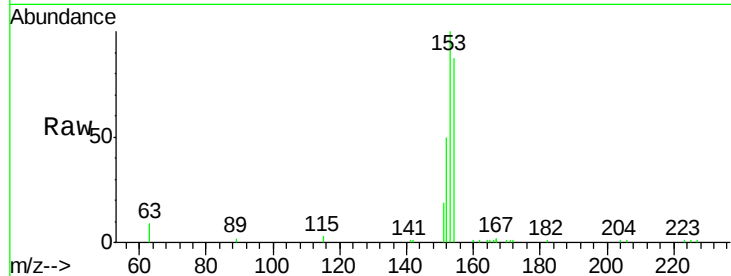




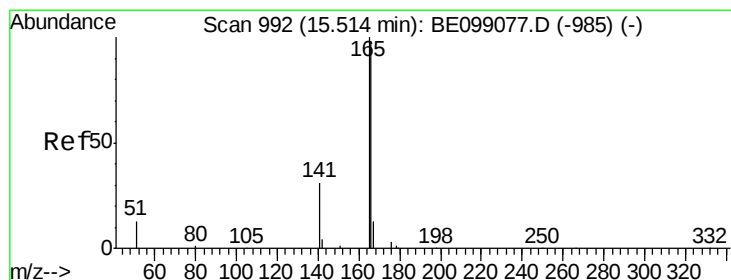
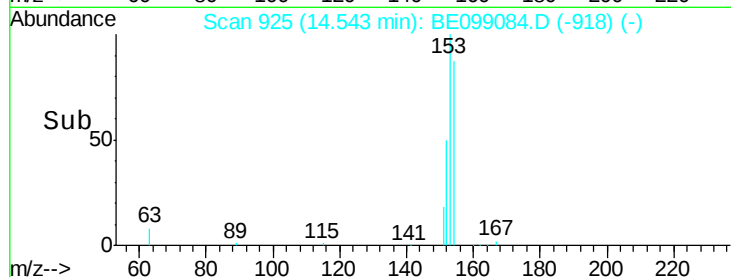
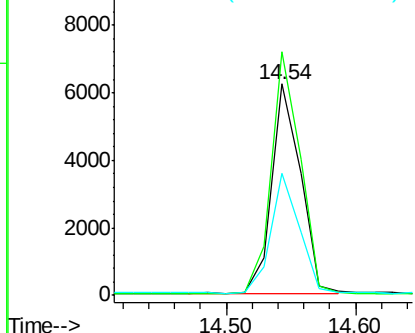
#17
Acenaphthene
Concen: 0.346 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099084.D
Acq: 22 Mar 2019 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 9629
Ion Ratio Lower Upper
154 100
153 115.1 94.2 141.4
152 56.4 45.0 67.4

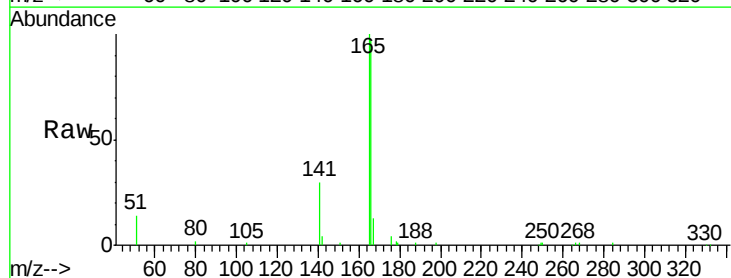


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

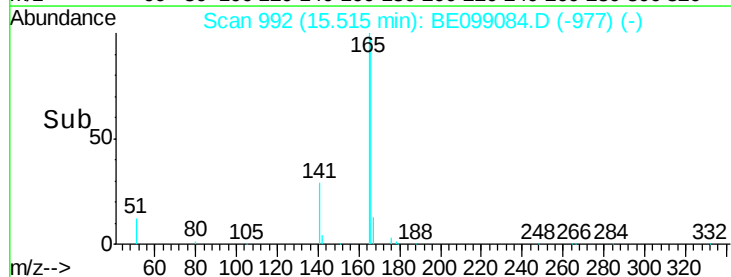
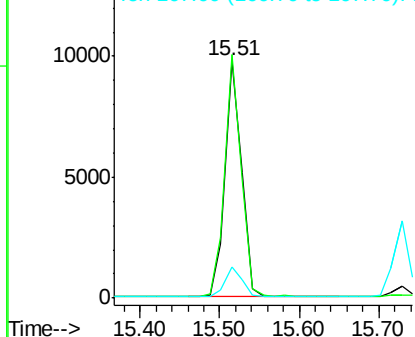


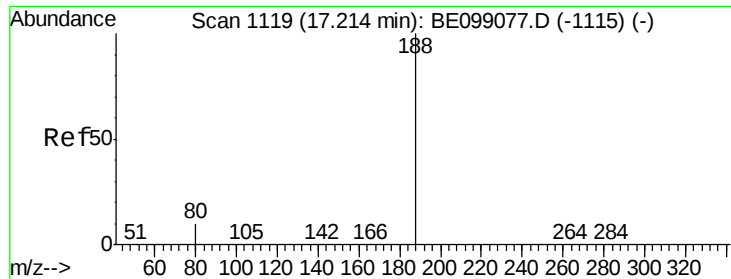
#18
Fluorene
Concen: 0.349 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099084.D
Acq: 22 Mar 2019 17:27

Tgt Ion:166 Resp: 14133
Ion Ratio Lower Upper
166 100
165 100.4 79.3 118.9
167 13.2 10.5 15.7



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: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

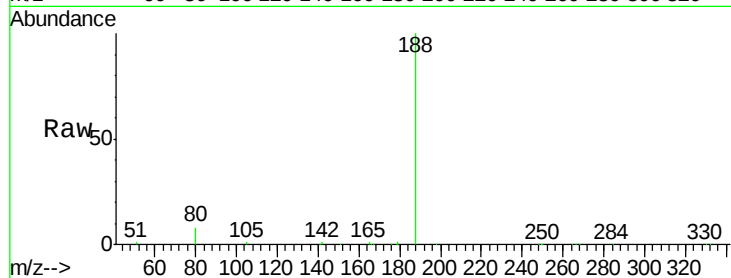
Tgt Ion:188 Resp: 26274

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

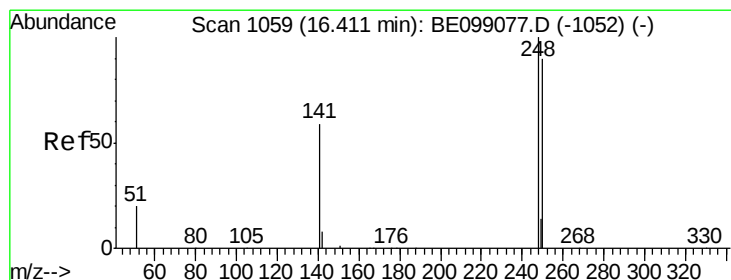
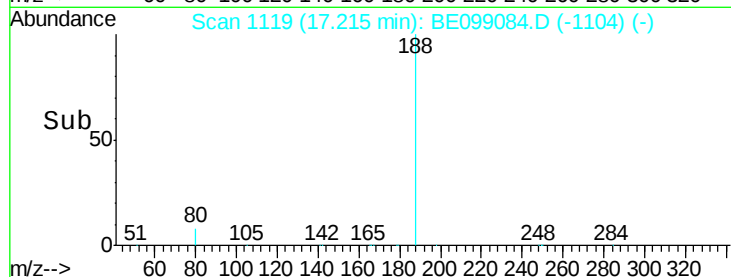
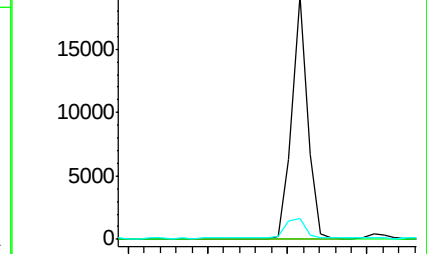
80 8.3 6.3 9.5



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: 0.358 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

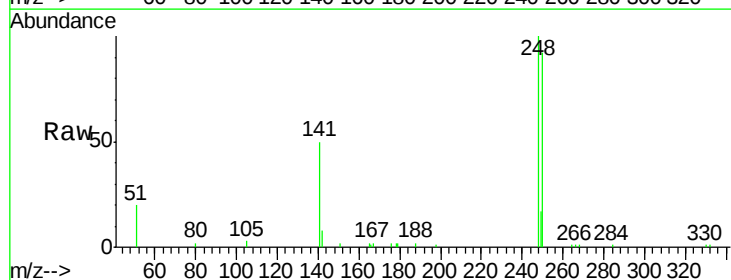
Tgt Ion:248 Resp: 5208

Ion Ratio Lower Upper

248 100

250 92.0 70.6 105.8

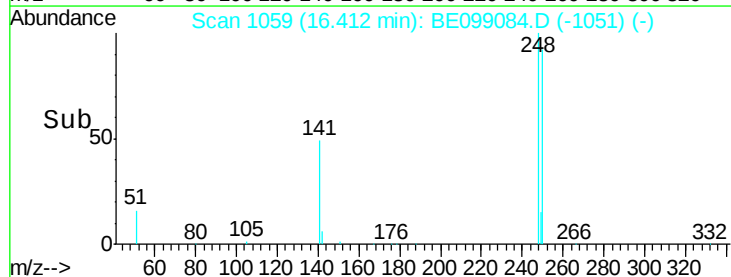
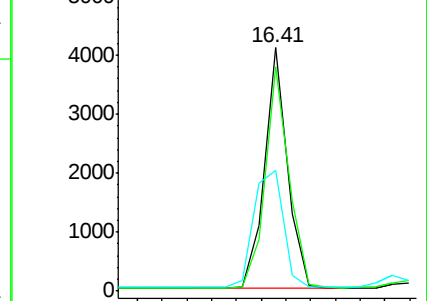
141 49.8 68.6 102.8#

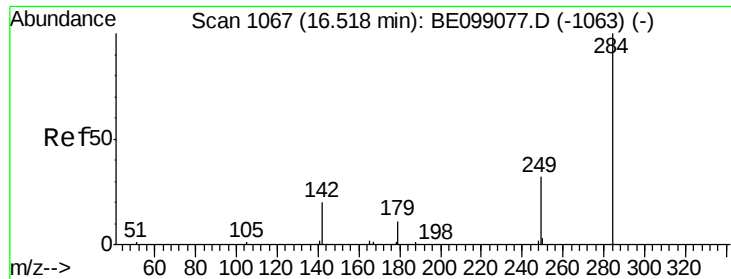


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.348 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

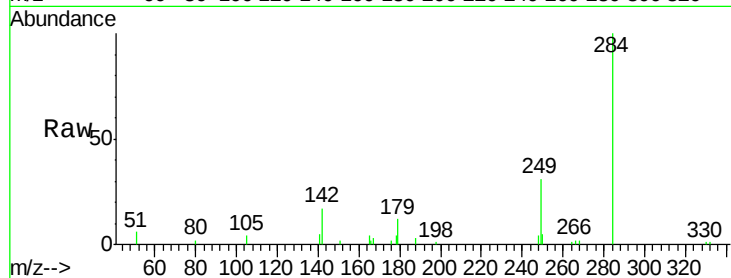
Tgt Ion:284 Resp: 4702

Ion Ratio Lower Upper

284 100

142 32.9 28.7 43.1

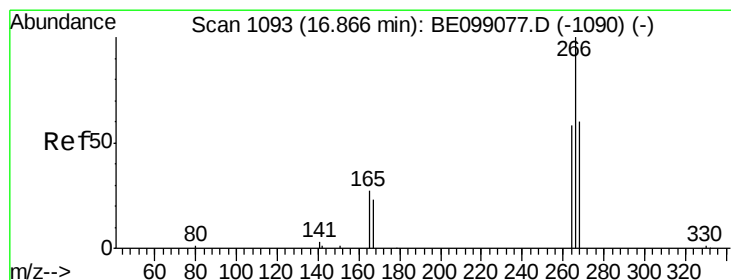
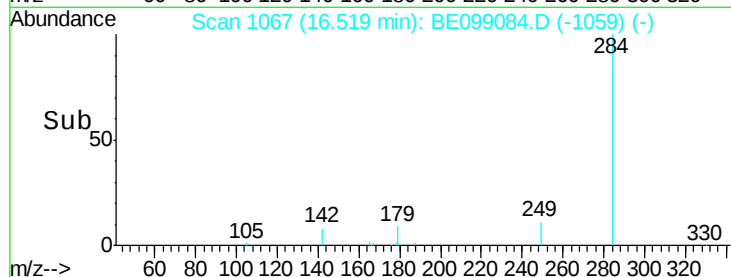
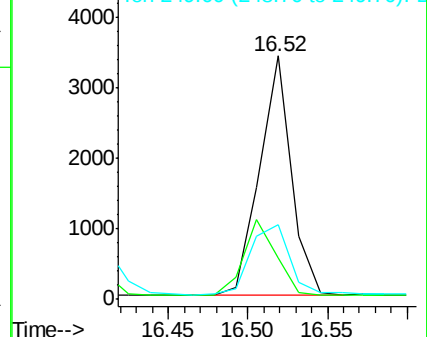
249 36.8 29.6 44.4



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: 0.499 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

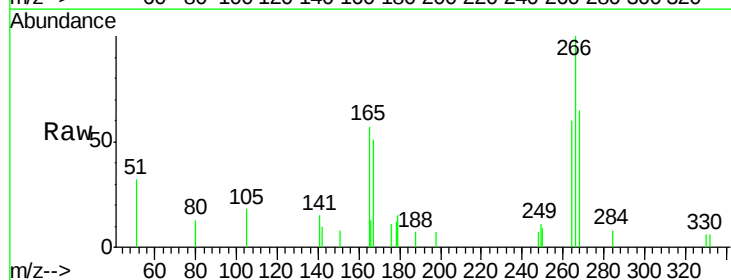
Tgt Ion:266 Resp: 1373

Ion Ratio Lower Upper

266 100

264 60.1 66.6 100.0#

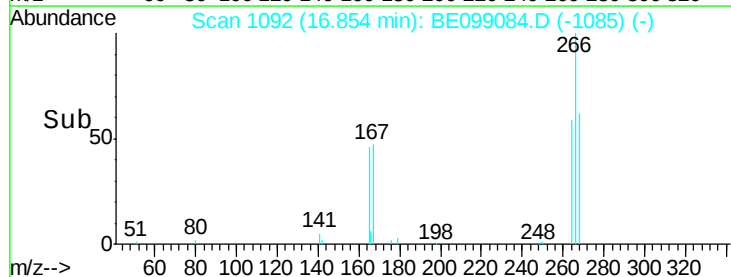
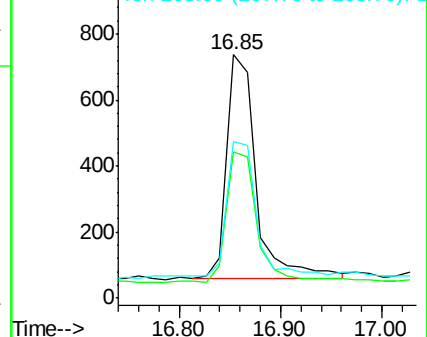
268 64.6 69.8 104.8#

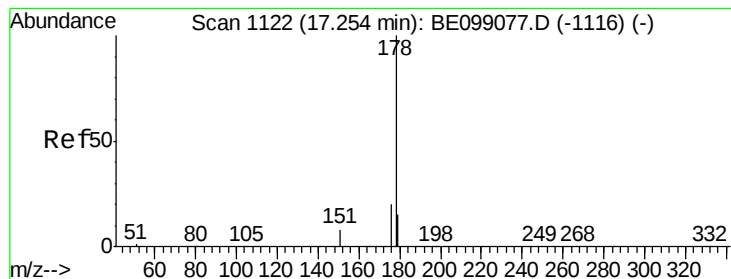


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.349 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

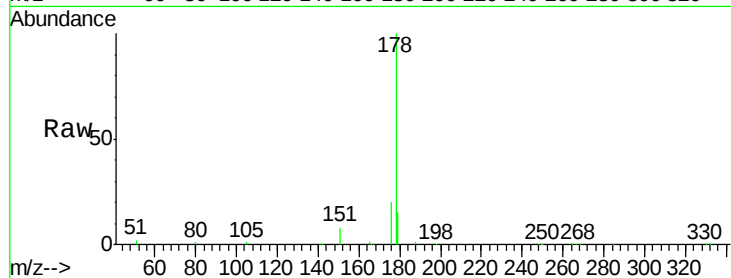
Tgt Ion:178 Resp: 27217

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

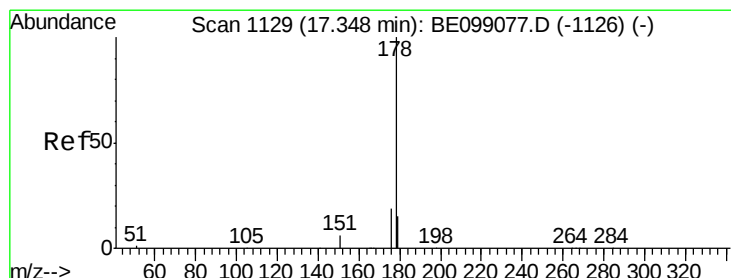
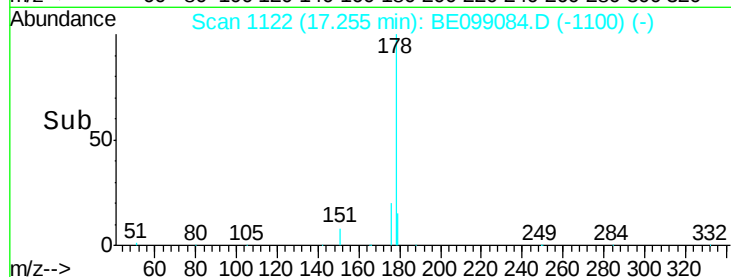
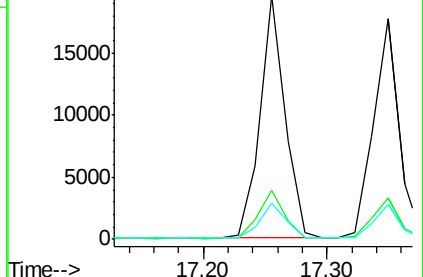
179 15.1 12.1 18.1



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



#24

Anthracene

Concen: 0.341 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

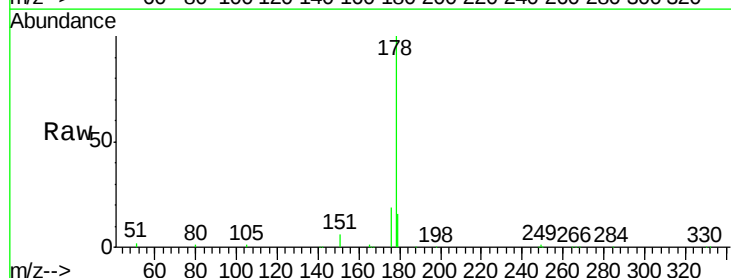
Tgt Ion:178 Resp: 25158

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

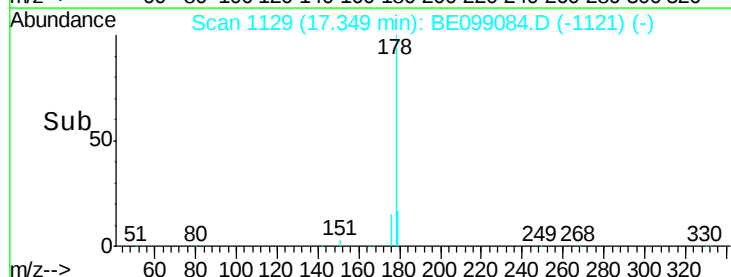
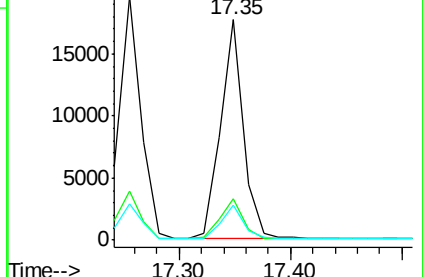
179 15.5 12.2 18.4

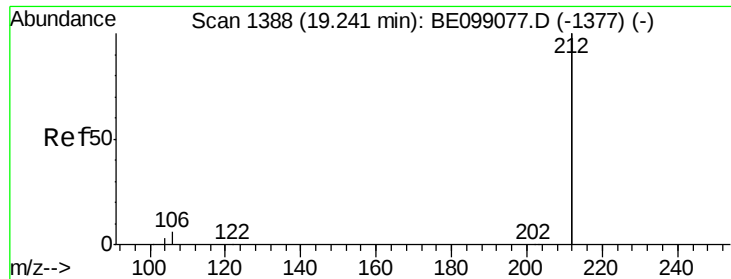


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

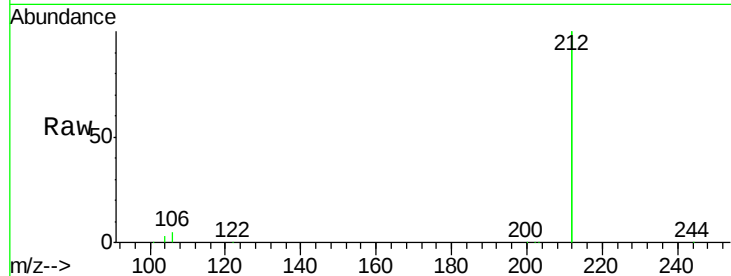
Tgt Ion:212 Resp: 126020

Ion Ratio Lower Upper

212 100

106 2.7 1.8 2.8

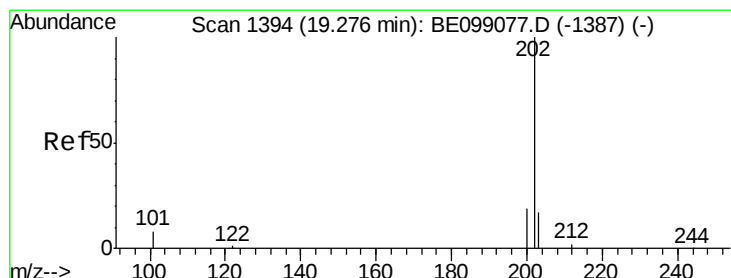
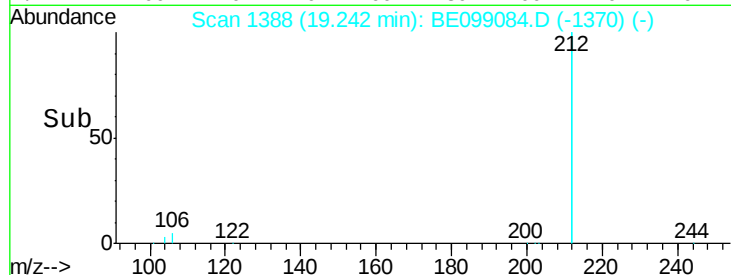
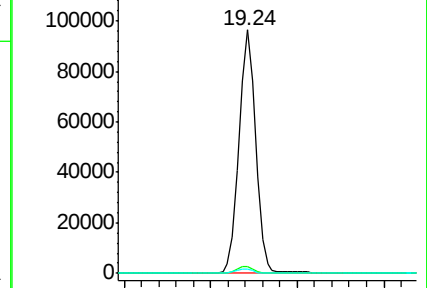
104 1.6 1.0 1.6#



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: 0.350 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

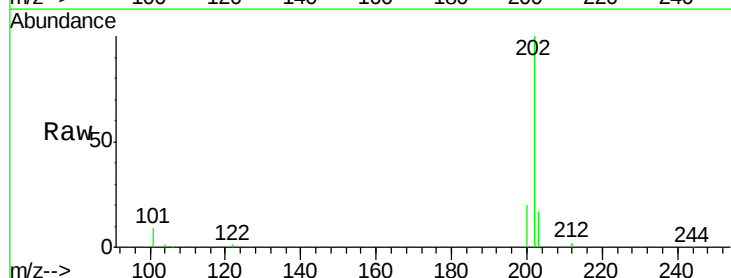
Tgt Ion:202 Resp: 38397

Ion Ratio Lower Upper

202 100

101 9.5 7.3 10.9

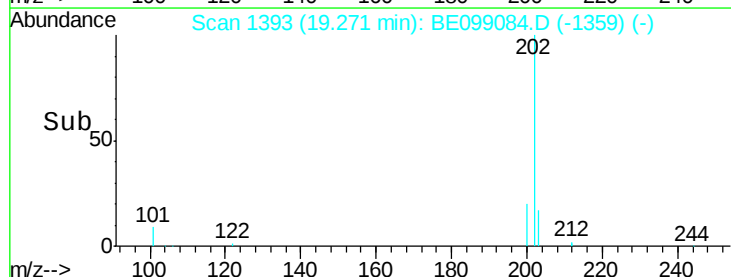
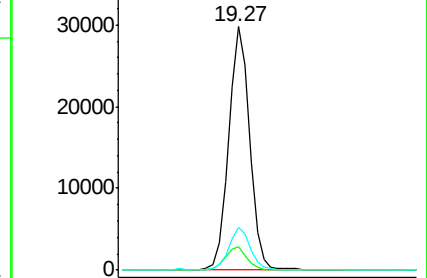
203 17.2 13.4 20.2

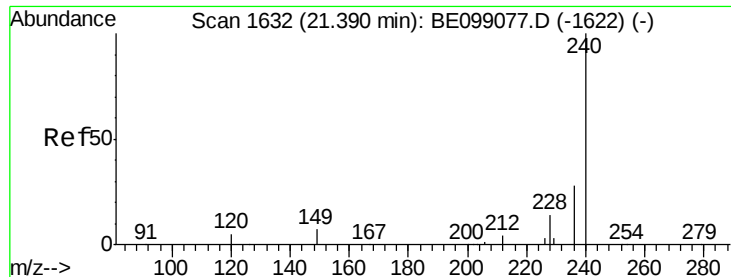


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

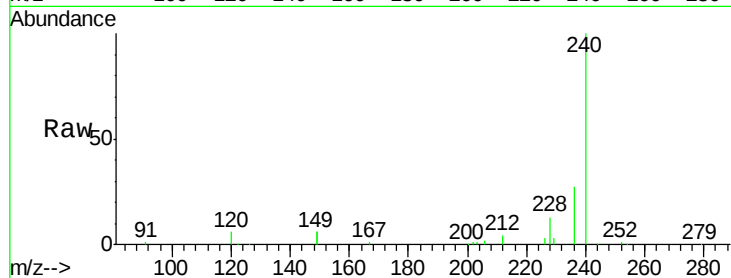
Tgt Ion:240 Resp: 32163

Ion Ratio Lower Upper

240 100

120 5.9 5.0 7.4

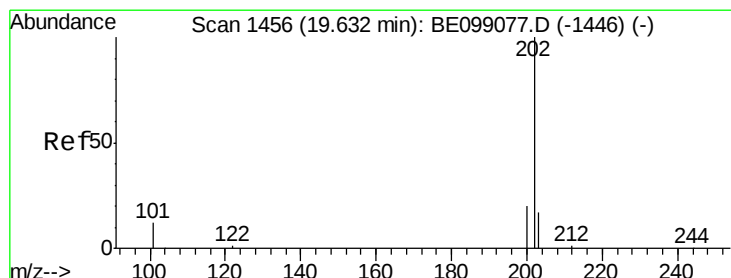
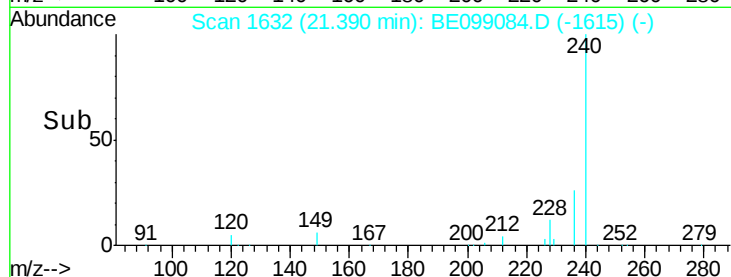
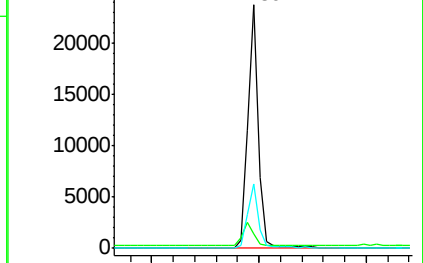
236 26.7 22.7 34.1



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: 0.357 ng

RT: 19.63 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

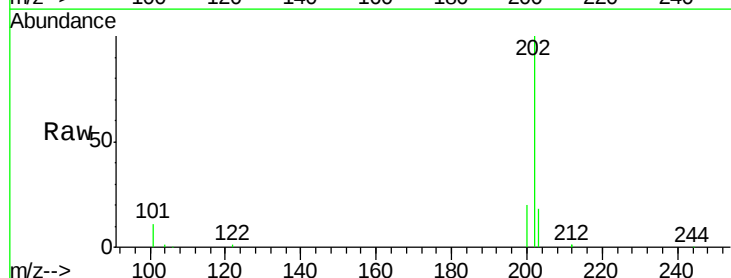
Tgt Ion:202 Resp: 38933

Ion Ratio Lower Upper

202 100

200 20.1 17.0 25.6

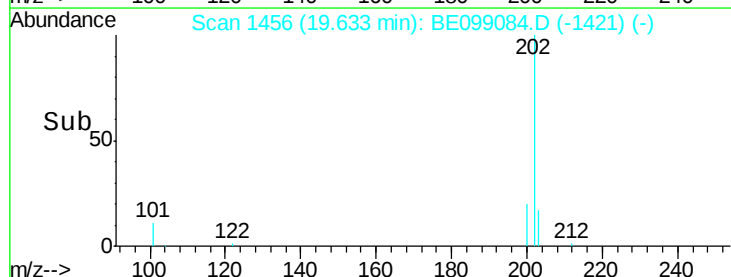
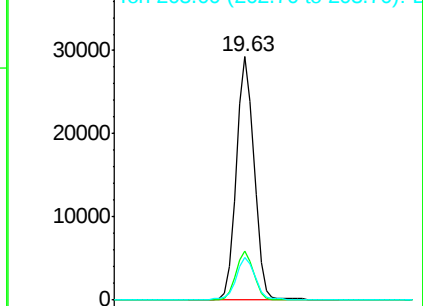
203 17.7 14.2 21.2

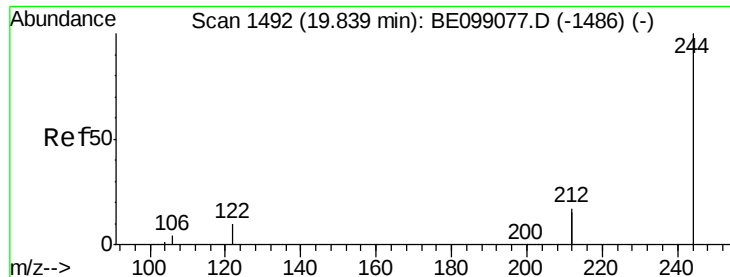


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.367 ng

RT: 19.84 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

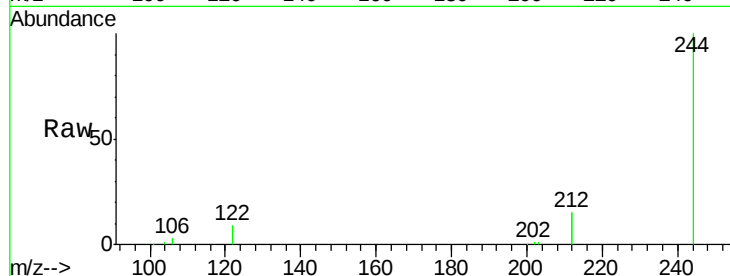
Tgt Ion:244 Resp: 24994

Ion Ratio Lower Upper

244 100

212 30.7 29.4 44.2

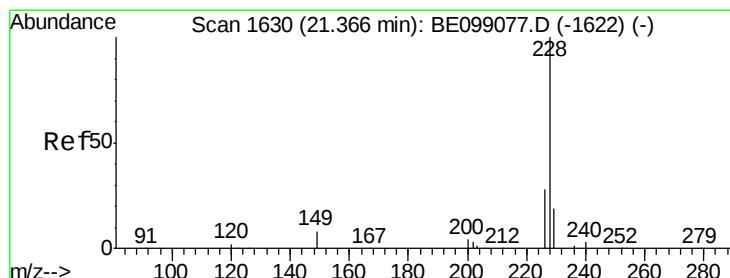
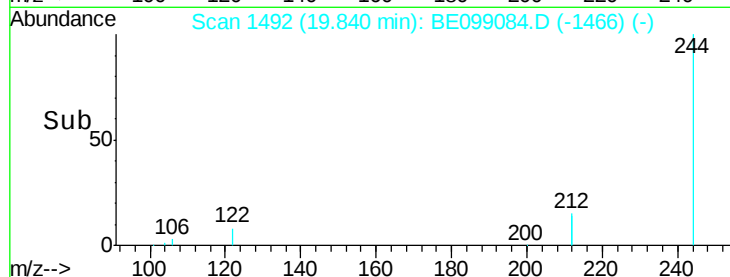
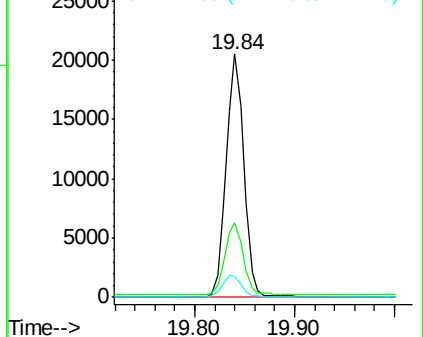
122 8.6 7.1 10.7



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: 0.352 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

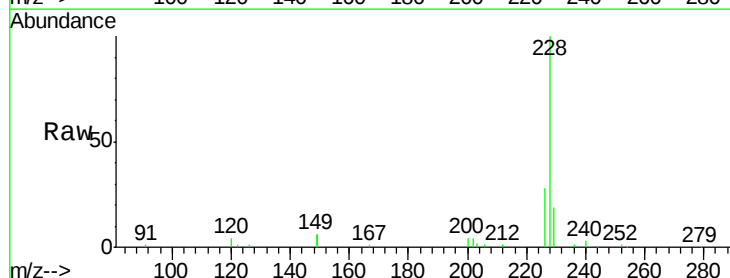
Tgt Ion:228 Resp: 39860

Ion Ratio Lower Upper

228 100

226 28.3 23.0 34.4

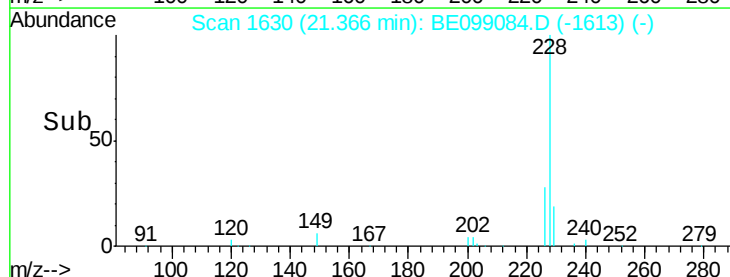
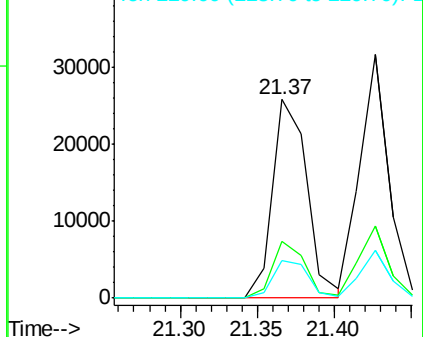
229 18.7 16.5 24.7

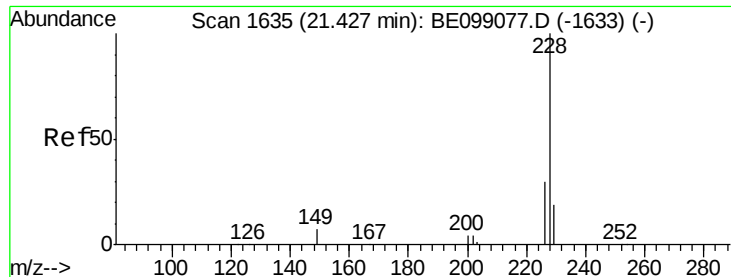


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.365 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

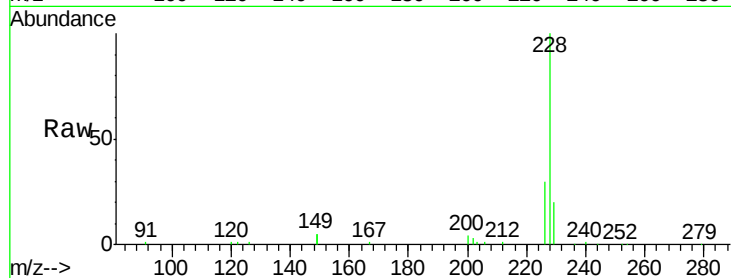
Tgt Ion:228 Resp: 41328

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

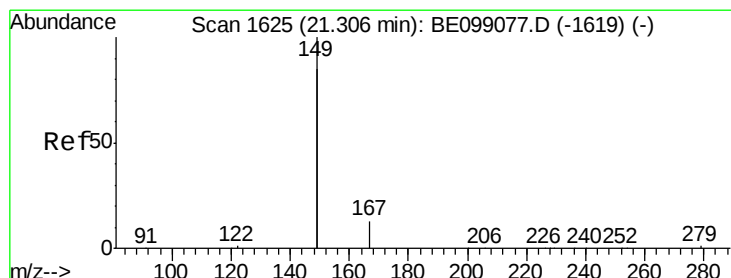
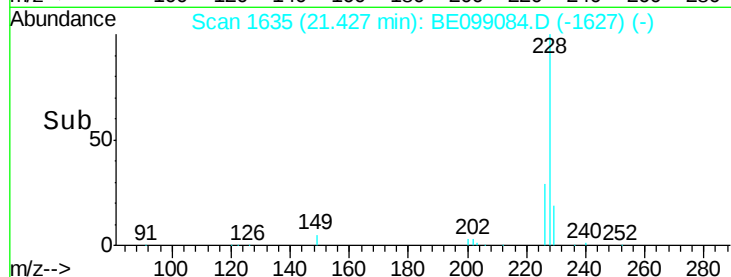
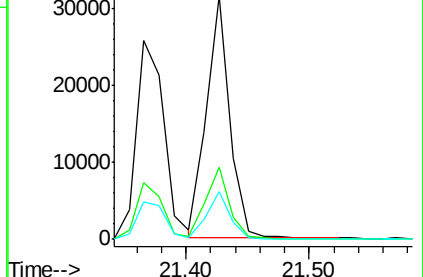
229 19.6 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.264 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

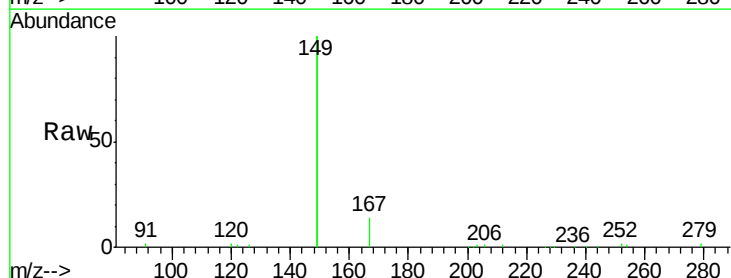
Tgt Ion:149 Resp: 38750

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

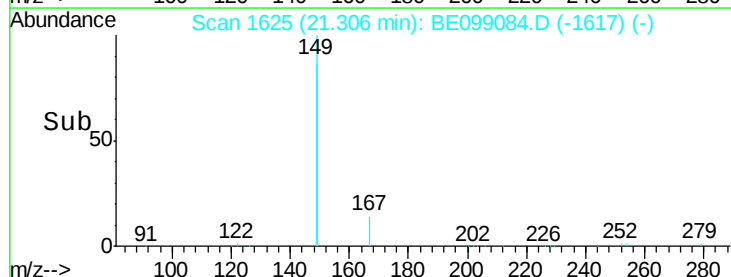
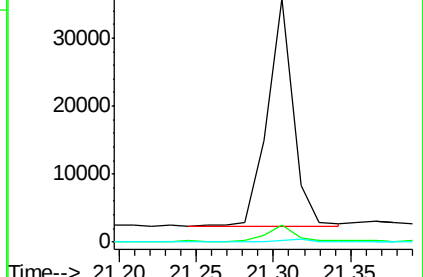
279 1.0 1.0 1.4

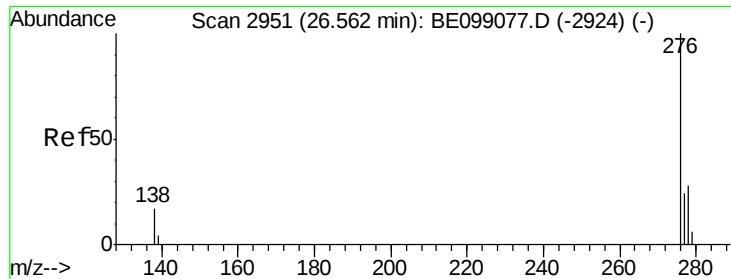


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.343 ng

RT: 26.56 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

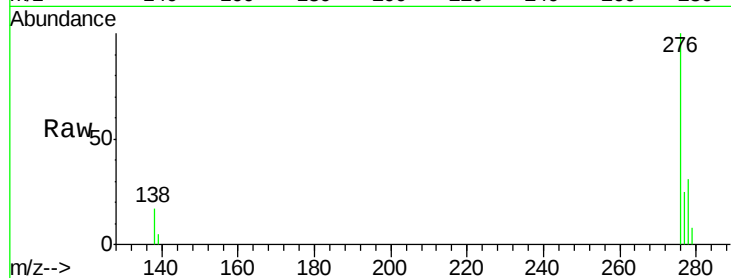
Tgt Ion:276 Resp: 41806

Ion Ratio Lower Upper

276 100

138 8.7 13.8 20.8#

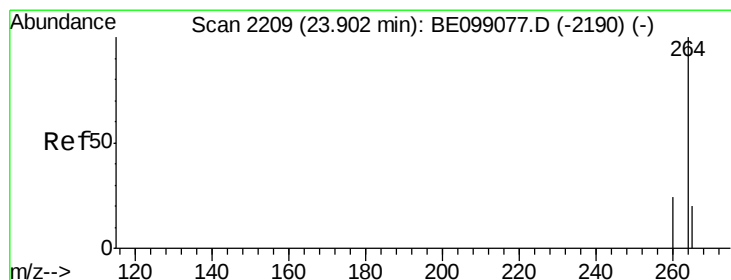
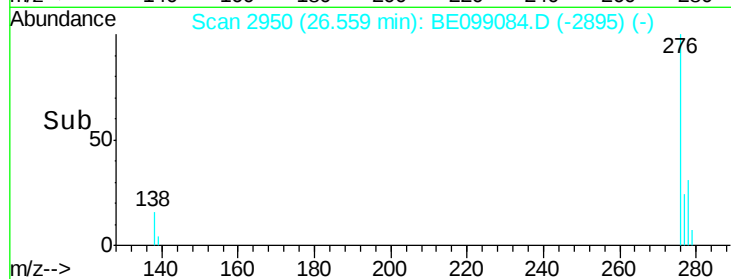
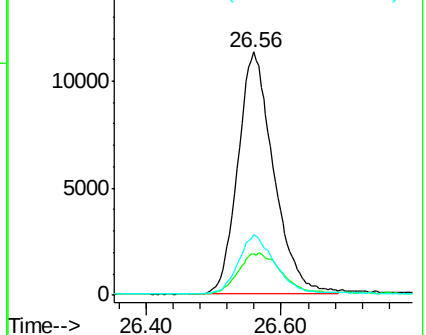
277 24.9 19.5 29.3



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: 23.91 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

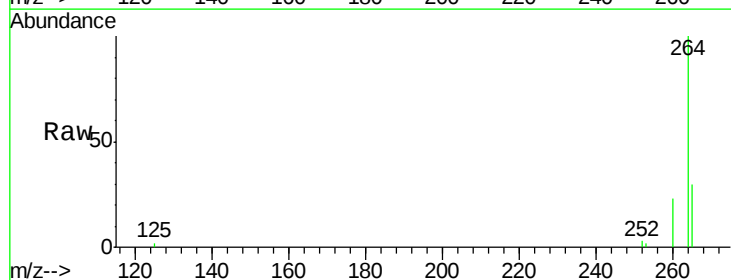
Tgt Ion:264 Resp: 32292

Ion Ratio Lower Upper

264 100

260 22.7 21.2 31.8

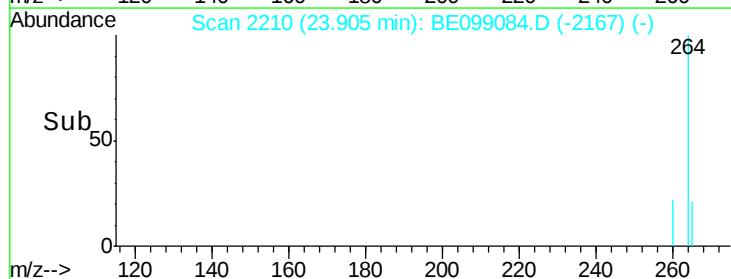
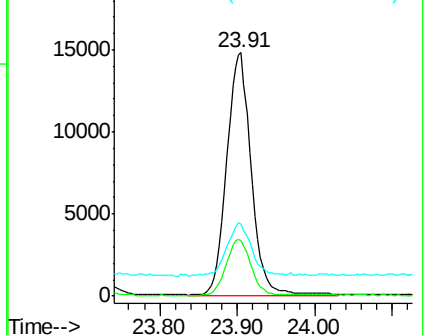
265 29.6 24.6 36.8

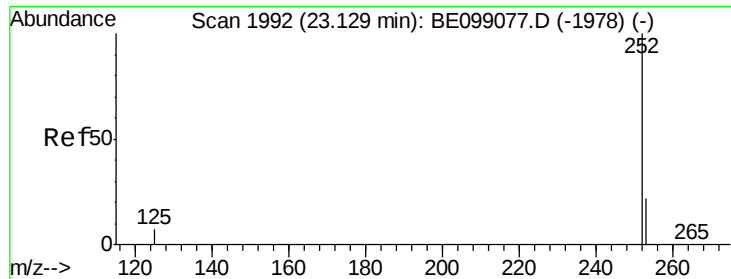


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.345 ng

RT: 23.13 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

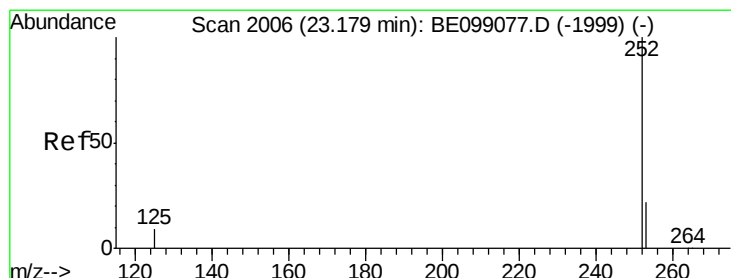
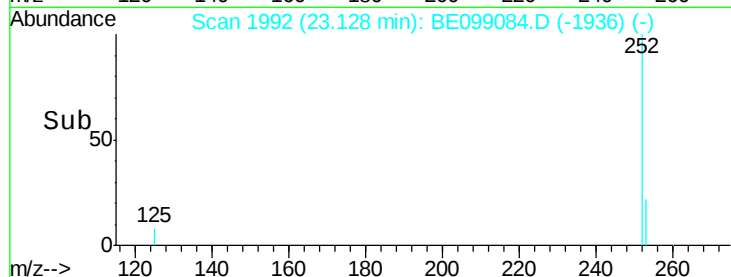
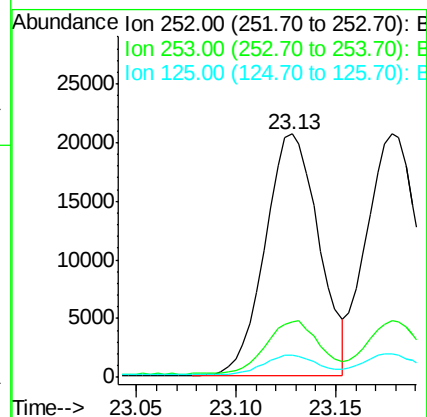
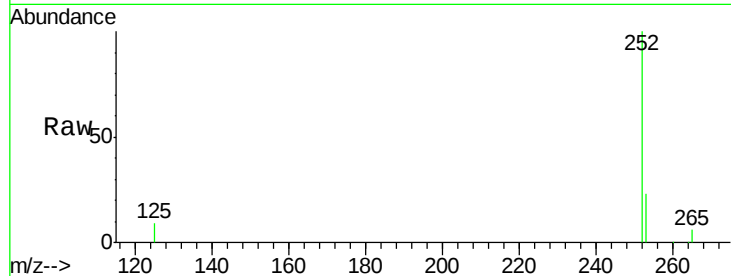
Tgt Ion:252 Resp: 38528

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

125 9.0 7.3 10.9



#36

Benzo(k)fluoranthene

Concen: 0.352 ng

RT: 23.18 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

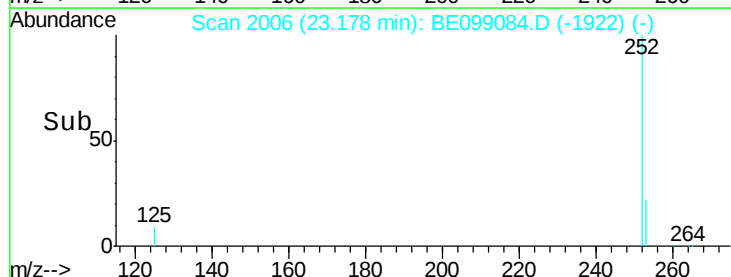
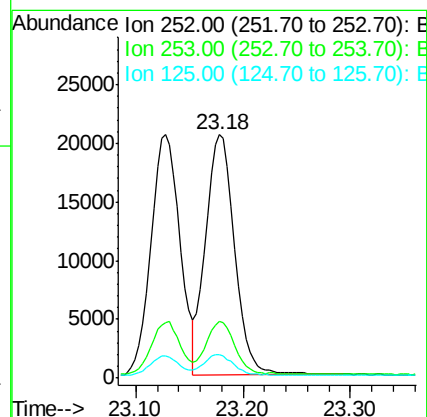
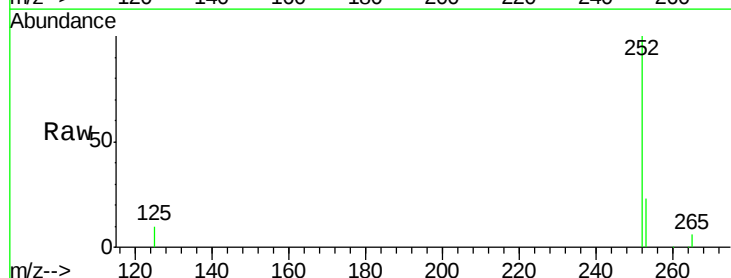
Tgt Ion:252 Resp: 38583

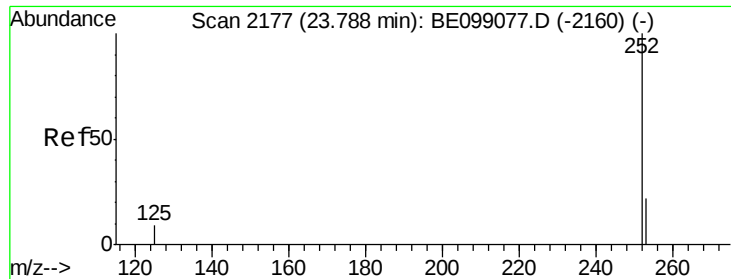
Ion Ratio Lower Upper

252 100

253 23.4 19.3 28.9

125 9.5 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.340 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

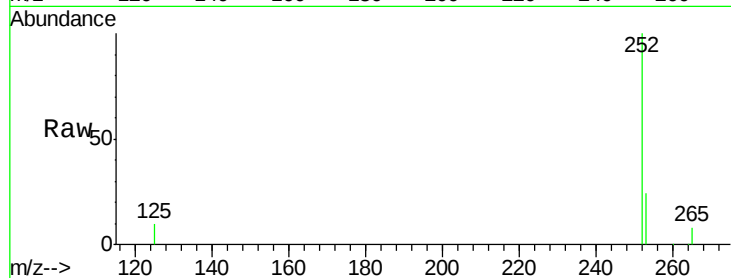
Tgt Ion:252 Resp: 35097

Ion Ratio Lower Upper

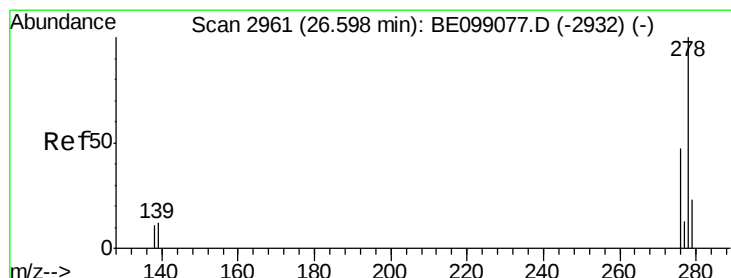
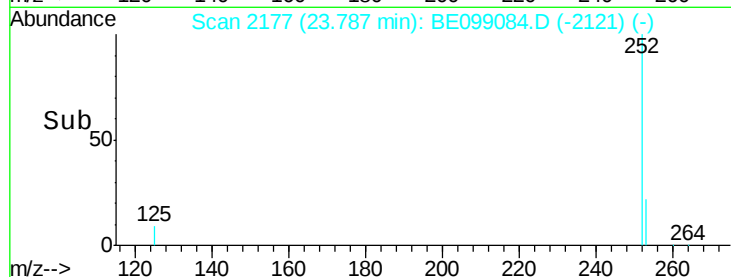
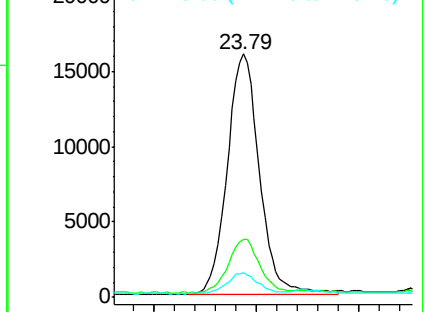
252 100

253 24.0 19.9 29.9

125 10.1 9.0 13.4



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: 0.344 ng

RT: 26.59 min Scan# 2959

Delta R.T. -0.01 min

Lab File: BE099084.D

Acq: 22 Mar 2019 17:27

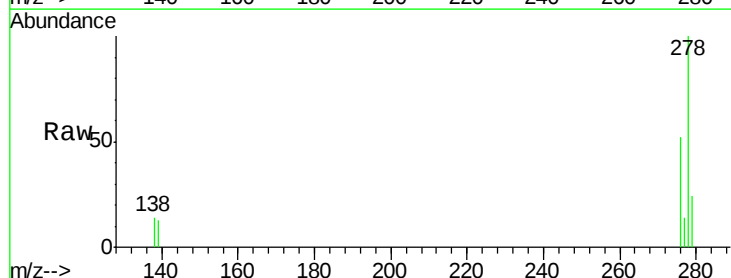
Tgt Ion:278 Resp: 34542

Ion Ratio Lower Upper

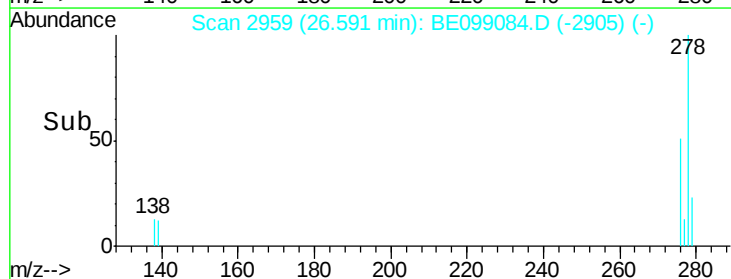
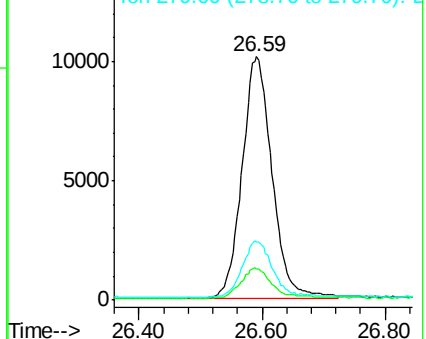
278 100

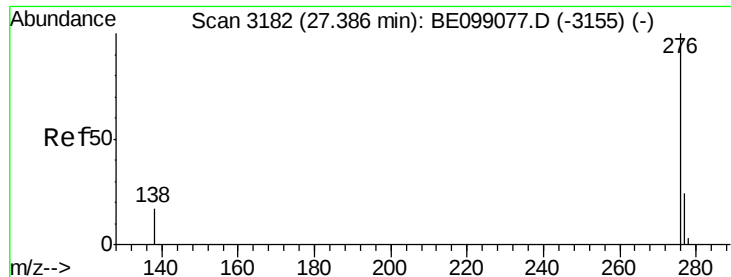
139 12.6 11.8 17.6

279 24.0 21.1 31.7



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: 0.348 ng

RT: 27.38 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BE099084.D

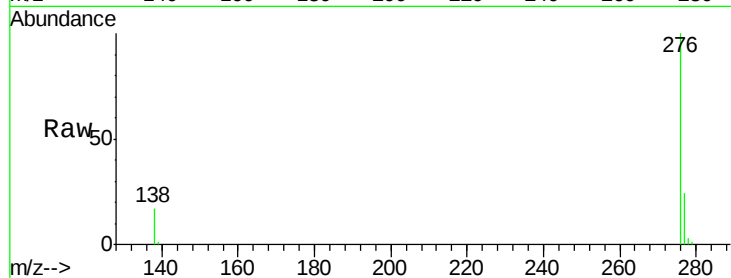
Acq: 22 Mar 2019 17:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 35866

Ion Ratio Lower Upper

276 100

277 23.6 20.4 30.6

138 17.2 13.6 20.4

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

