

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
 Data File : BE099276.D
 Acq On : 2 Apr 2019 15:44
 Operator : JU/SJ
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Quant Time: Apr 02 16:50:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 14:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3433	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	13180	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	9249	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	26422	0.40	ng	0.00
27) Chrysene-d12	21.37	240	39276	0.40	ng	0.00
34) Perylene-d12	23.86	264	37013	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	47074	4.59	ng	0.00
5) Phenol-d6	6.97	99	67263	4.29	ng	0.00
8) Nitrobenzene-d5	8.96	82	54025	5.02	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	119640	4.71	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	26851	8.22	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	185511	4.92	ng	0.00
25) Fluoranthene-d10	19.22	212	1825691	5.70	ng	0.00
29) Terphenyl-d14	19.82	244	375549	4.40	ng	0.00

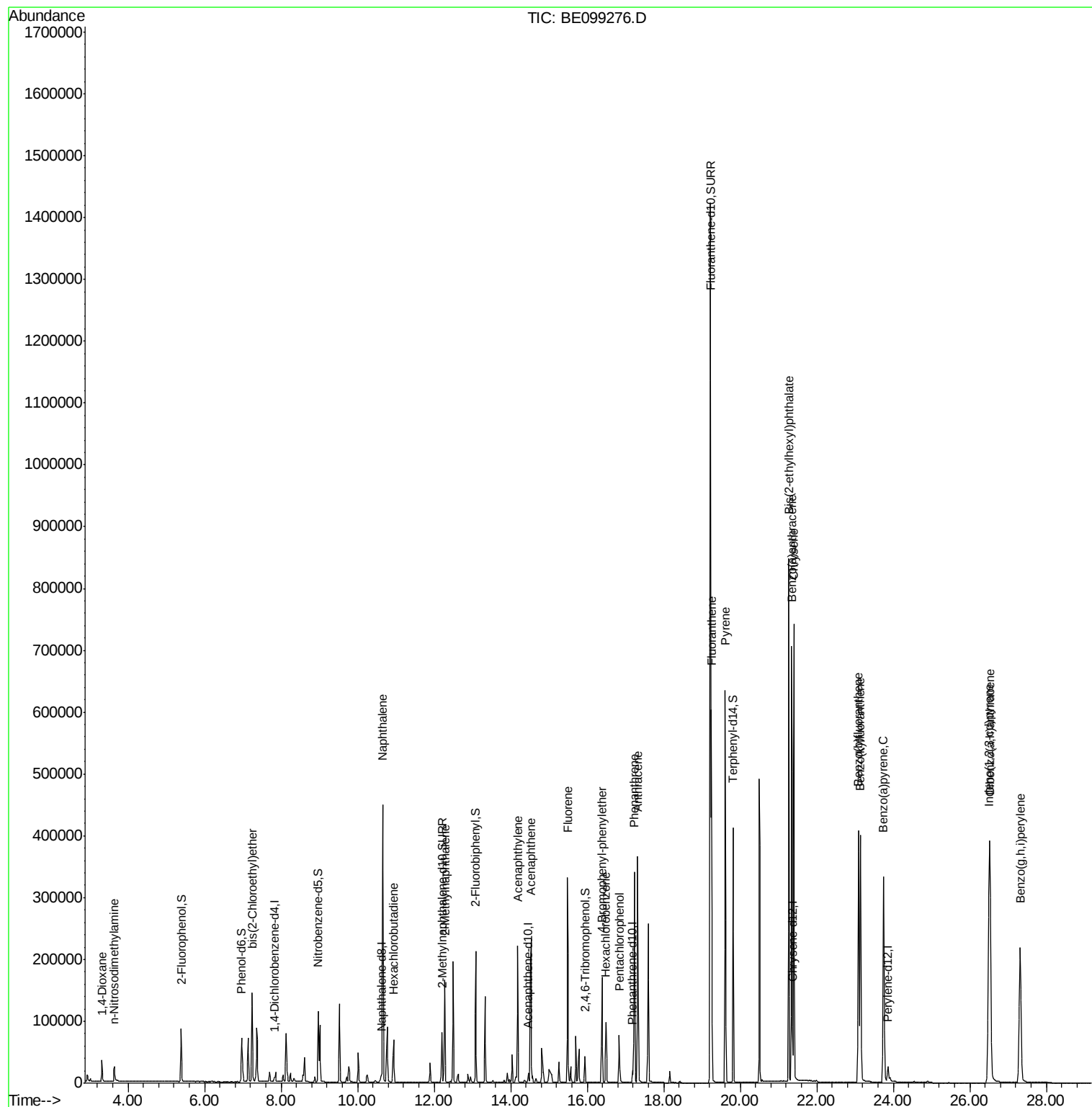
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	23560	5.205	ng	93
3) n-Nitrosodimethylamine	3.63	42	15758	6.221	ng	# 89
6) bis(2-Chloroethyl)ether	7.24	93	58391	4.741	ng	98
9) Naphthalene	10.65	128	726437	4.673	ng	100
10) Hexachlorobutadiene	10.94	225	47171	5.695	ng	100
12) 2-Methylnaphthalene	12.28	142	126913	4.567	ng	98
16) Acenaphthylene	14.18	152	241960	5.131	ng	98
17) Acenaphthene	14.53	154	136137	4.828	ng	98
18) Fluorene	15.49	166	193754	4.885	ng	98
20) 4-Bromophenyl-phenylether	16.38	248	80998	4.751	ng	98
21) Hexachlorobenzene	16.49	284	76277	4.631	ng	100
22) Pentachlorophenol	16.84	266	38010	17.508	ng	96
23) Phenanthrene	17.23	178	355302	4.579	ng	100
24) Anthracene	17.32	178	352168	5.023	ng	99
26) Fluoranthene	19.25	202	531582	5.369	ng	100
28) Pyrene	19.61	202	544423	4.172	ng	99
30) Benzo(a)anthracene	21.34	228	638514	4.927	ng	99
31) Chrysene	21.40	228	610266	4.406	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	822133	5.318	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	667213	5.090	ng	99
35) Benzo(b)fluoranthene	23.09	252	578731	4.751	ng	# 96
36) Benzo(k)fluoranthene	23.14	252	574248	4.460	ng	99
37) Benzo(a)pyrene	23.74	252	537656	4.727	ng	# 95
38) Dibenzo(a,h)anthracene	26.53	278	551187	5.455	ng	# 97
39) Benzo(g,h,i)perylene	27.32	276	544432	5.372	ng	99

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

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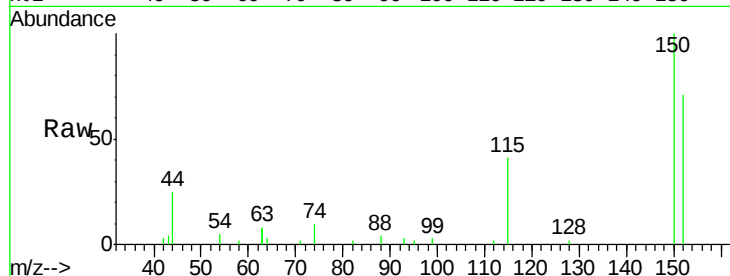


#1

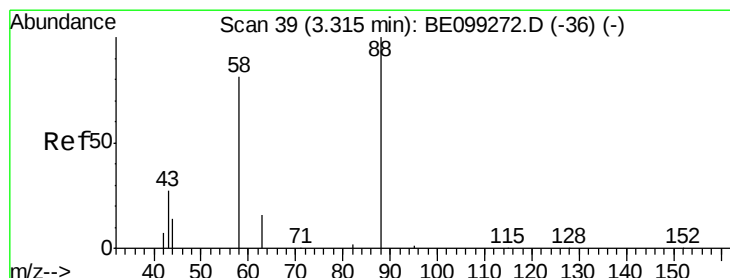
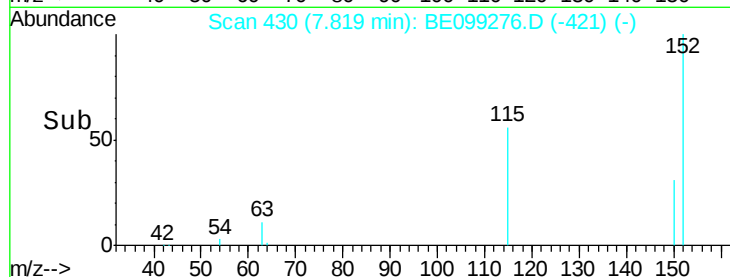
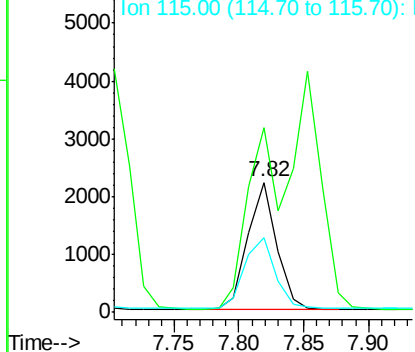
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Instrument :
BNA_E
ClientSampled :
SSTDICC5.0

Tgt Ion:152 Resp: 3433
Ion Ratio Lower Upper
152 100
150 141.8 118.6 178.0
115 57.5 47.6 71.4



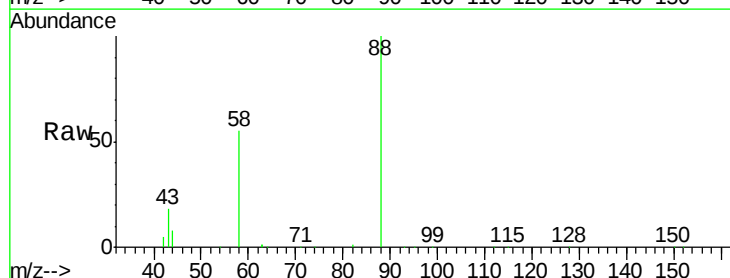
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



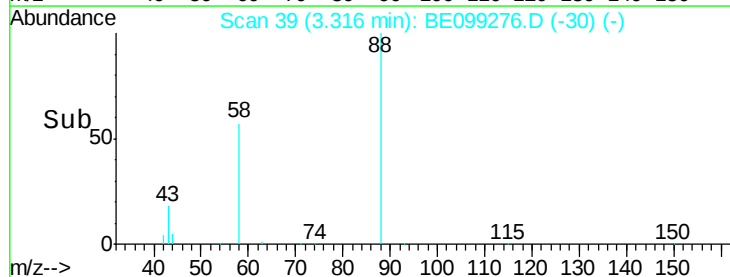
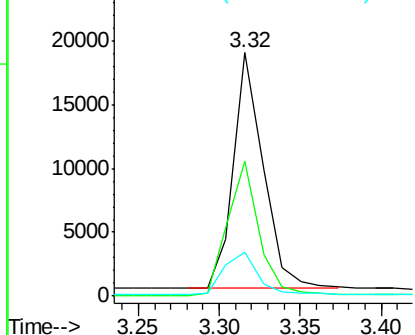
#2

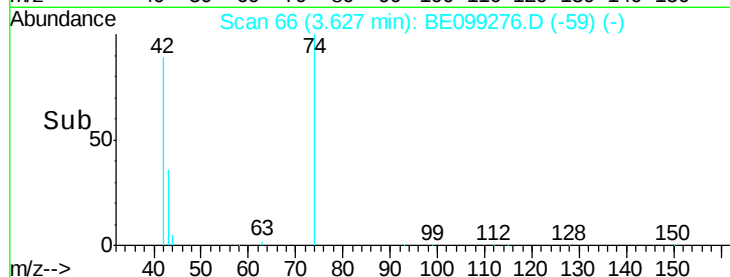
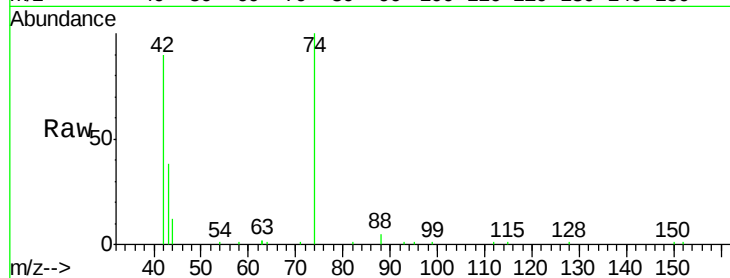
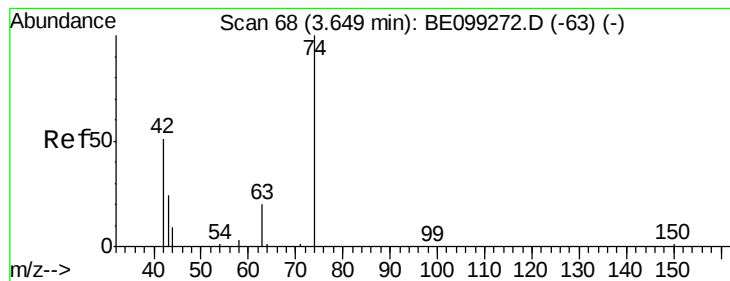
1,4-Dioxane
Concen: 5.205 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion: 88 Resp: 23560
Ion Ratio Lower Upper
88 100
58 59.6 43.0 64.4
43 19.8 14.8 22.2



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: 6.221 ng

RT: 3.63 min Scan# 66

Delta R.T. -0.02 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

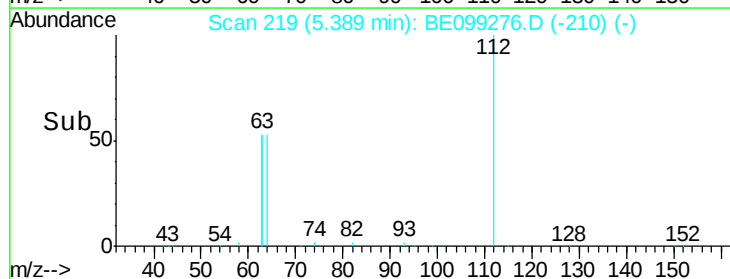
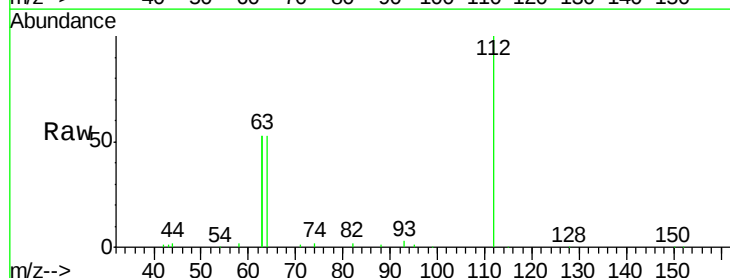
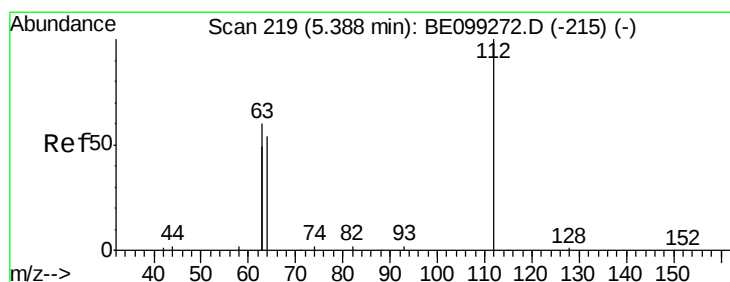
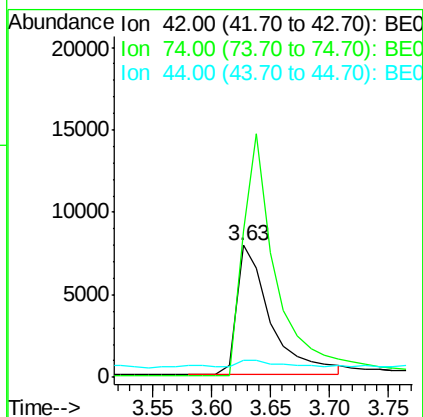
Tgt Ion: 42 Resp: 15758

Ion Ratio Lower Upper

42 100

74 182.0 133.8 200.8

44 5.6 0.0 0.0#



#4

2-Fluorophenol

Concen: 4.593 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

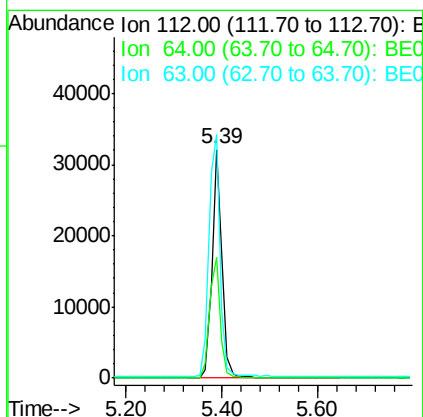
Tgt Ion: 112 Resp: 47074

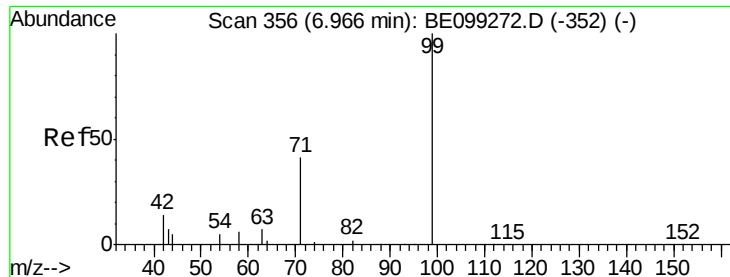
Ion Ratio Lower Upper

112 100

64 56.6 45.1 67.7

63 118.0 94.4 141.6





#5

Phenol-d6

Concen: 4.295 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

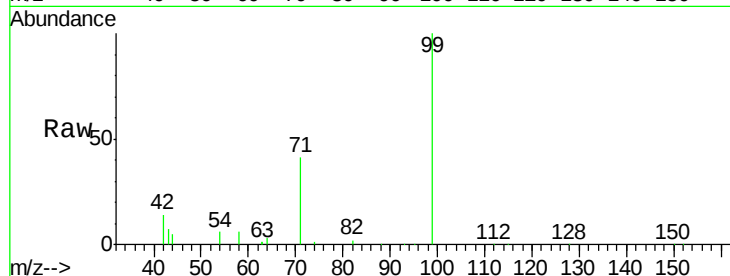
Tgt Ion: 99 Resp: 67263

Ion Ratio Lower Upper

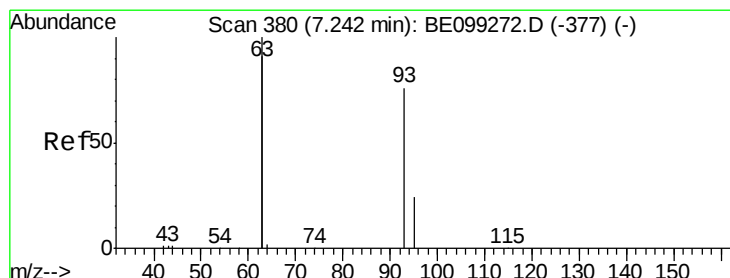
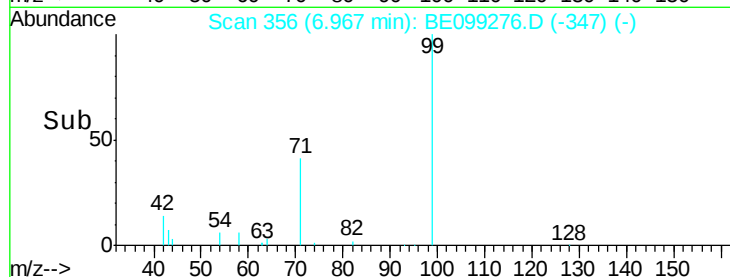
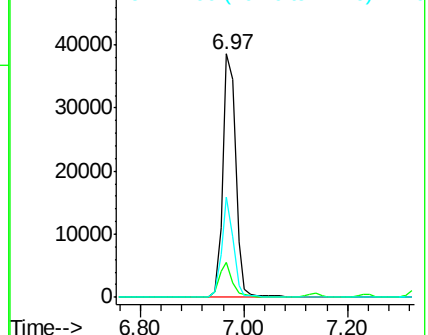
99 100

42 14.0 12.2 18.4

71 36.6 30.1 45.1



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: 4.741 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

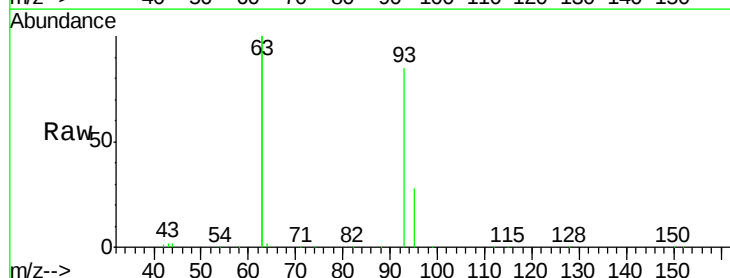
Tgt Ion: 93 Resp: 58391

Ion Ratio Lower Upper

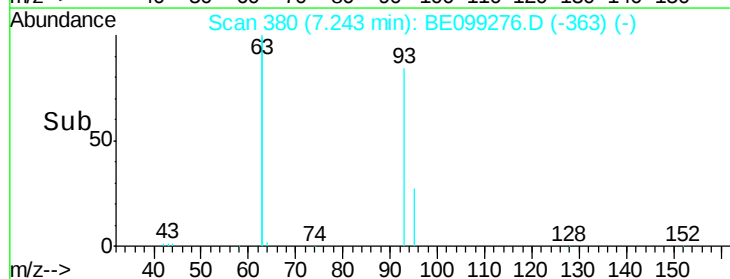
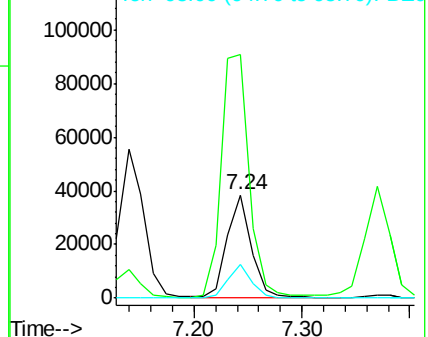
93 100

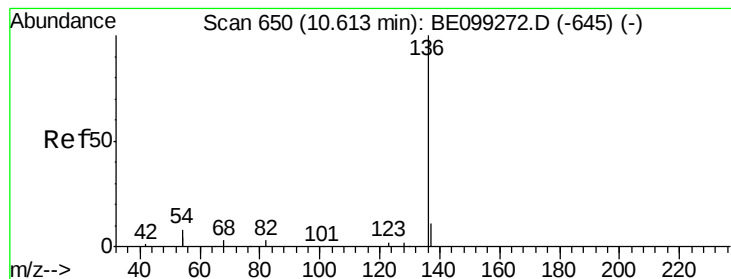
63 276.7 219.4 329.2

95 32.2 28.2 42.2



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: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

Tgt Ion:136 Resp: 13180

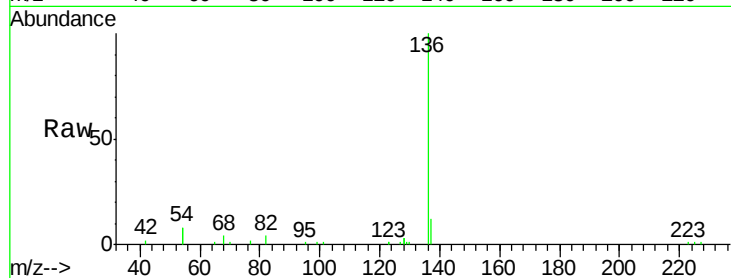
Ion Ratio Lower Upper

136 100

137 12.0 9.0 13.4

54 15.6 12.9 19.3

68 4.4 3.6 5.4

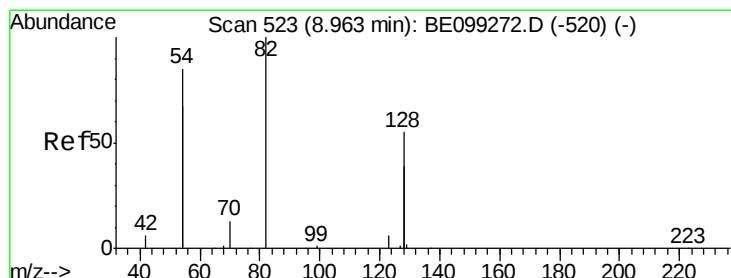
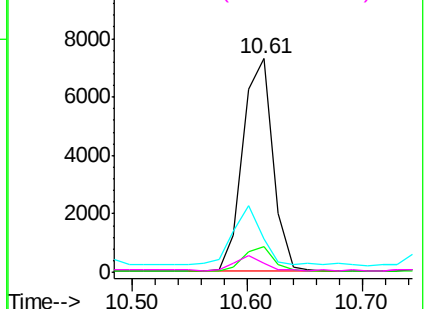
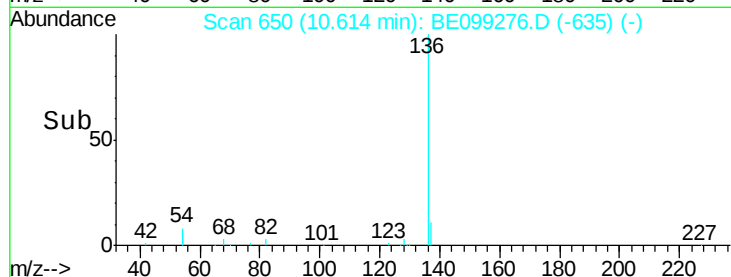


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.019 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

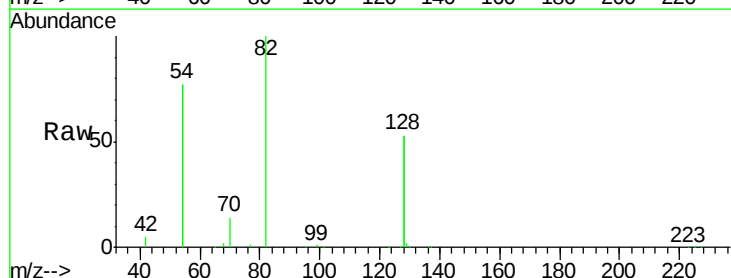
Tgt Ion: 82 Resp: 54025

Ion Ratio Lower Upper

82 100

128 105.9 83.2 124.8

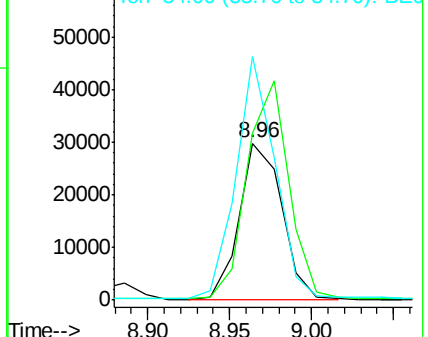
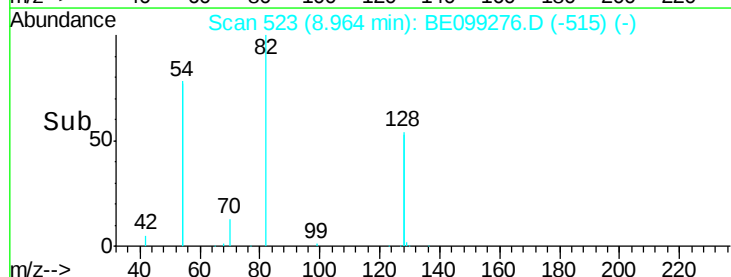
54 154.9 129.3 193.9

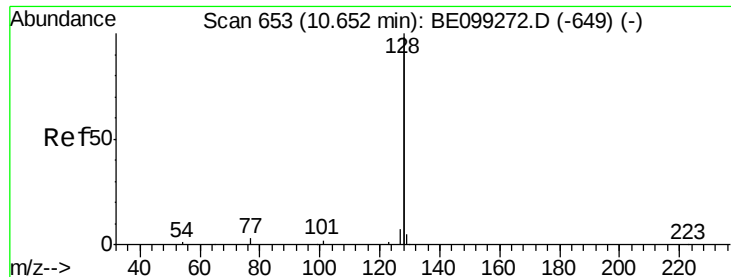


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 4.673 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

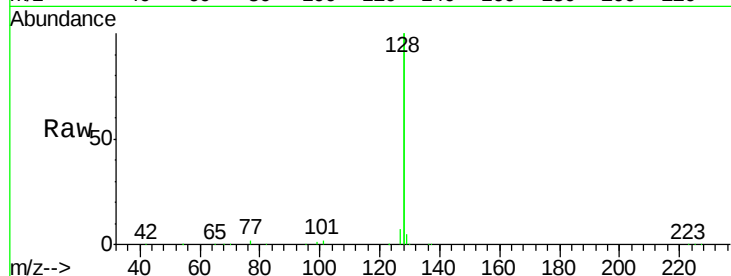
Tgt Ion:128 Resp: 726437

Ion Ratio Lower Upper

128 100

129 2.7 2.2 3.4

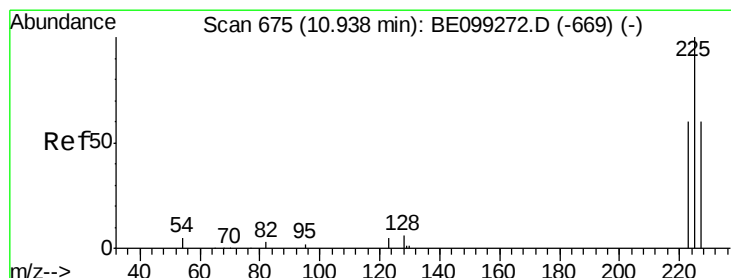
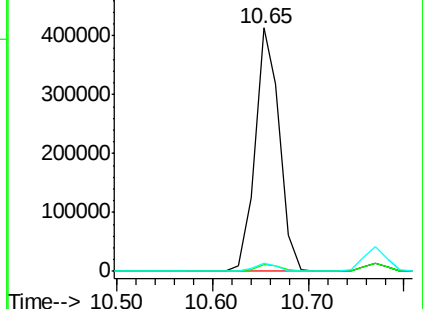
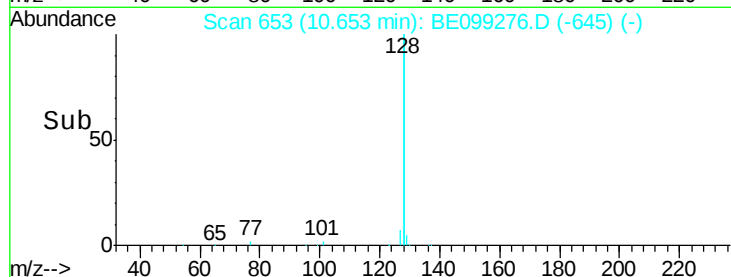
127 3.3 2.7 4.1



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: 5.695 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

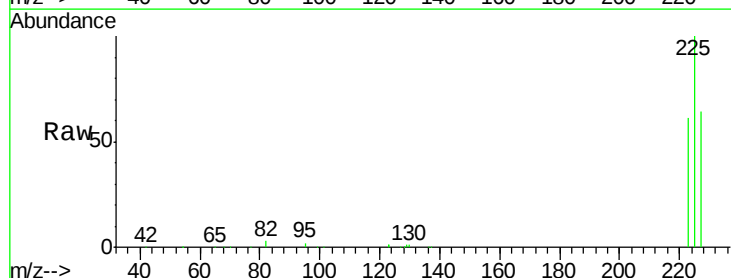
Tgt Ion:225 Resp: 47171

Ion Ratio Lower Upper

225 100

223 62.9 50.1 75.1

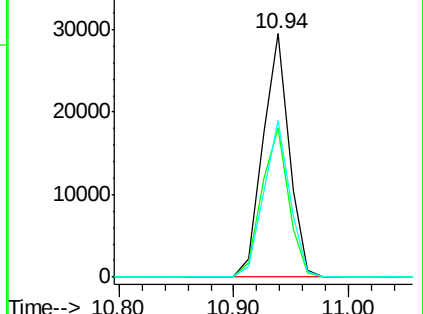
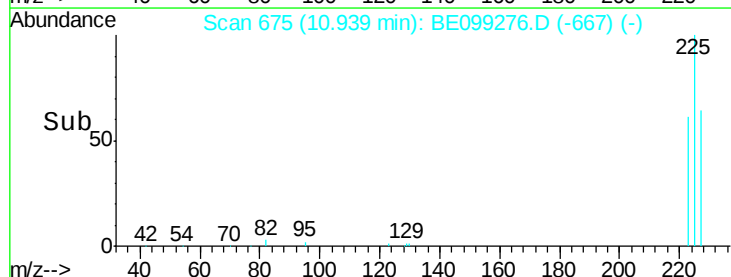
227 63.5 50.6 75.8

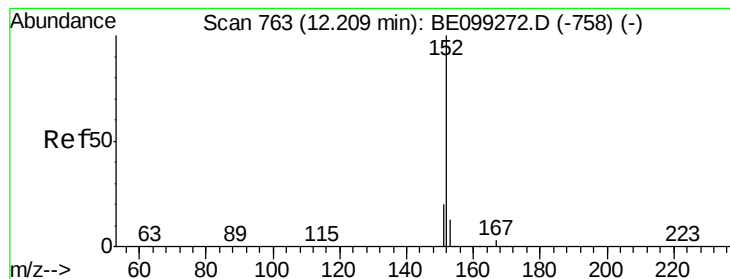


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 4.711 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

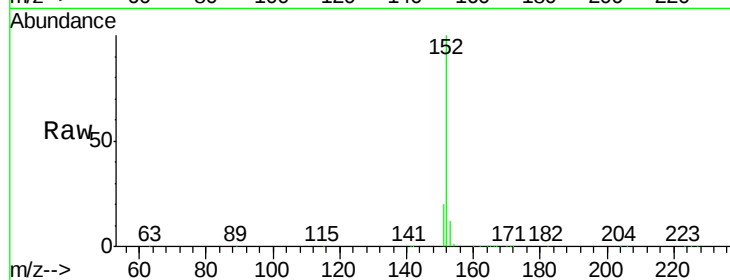
SSTDICC5.0

Tgt Ion:152 Resp: 119640

Ion Ratio Lower Upper

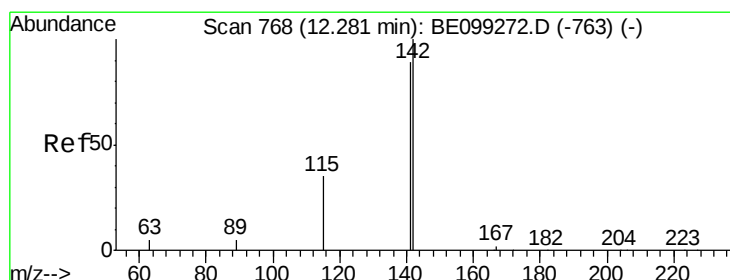
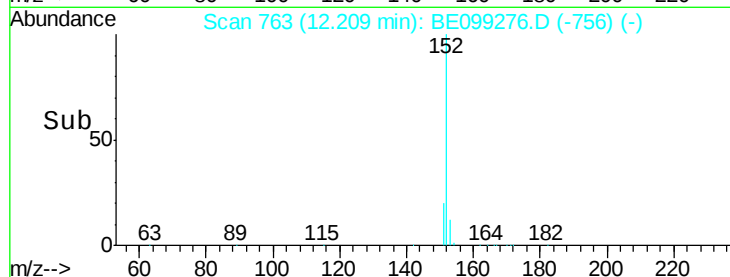
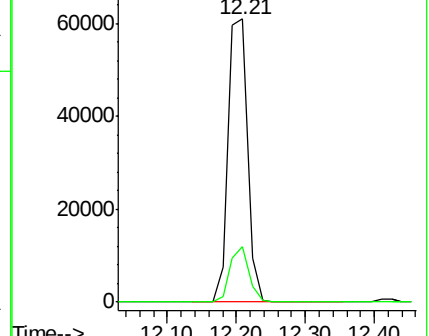
152 100

151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 4.567 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

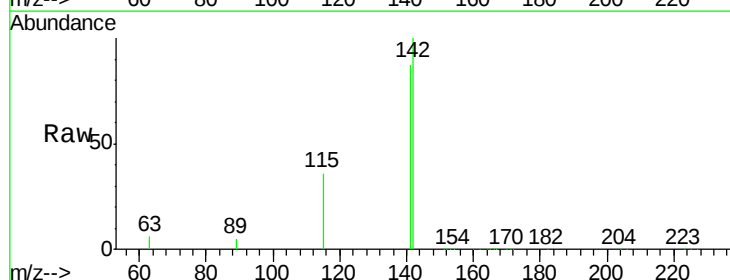
Tgt Ion:142 Resp: 126913

Ion Ratio Lower Upper

142 100

141 86.8 71.1 106.7

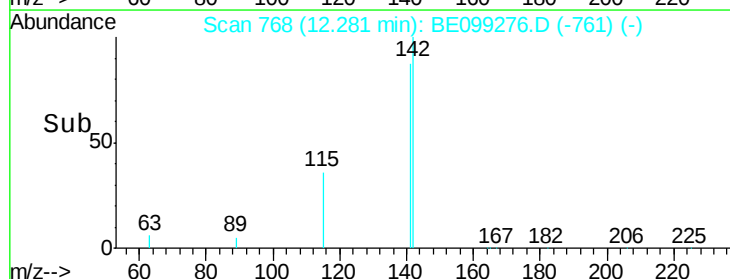
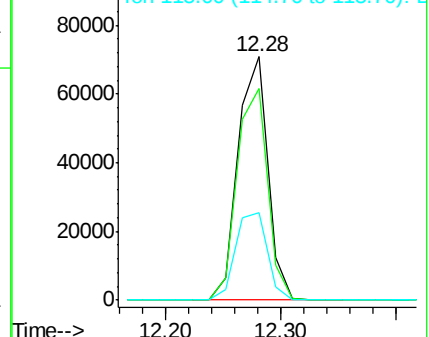
115 35.8 29.0 43.6

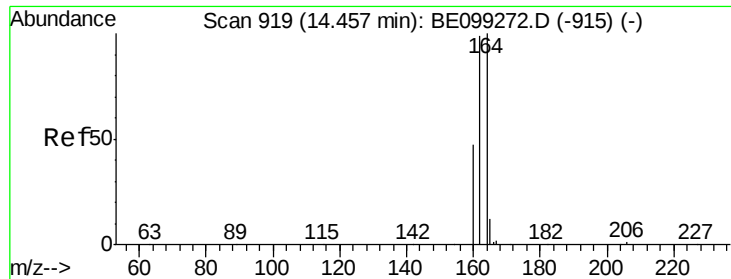


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

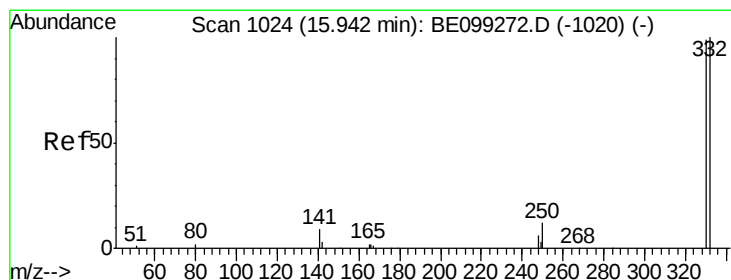
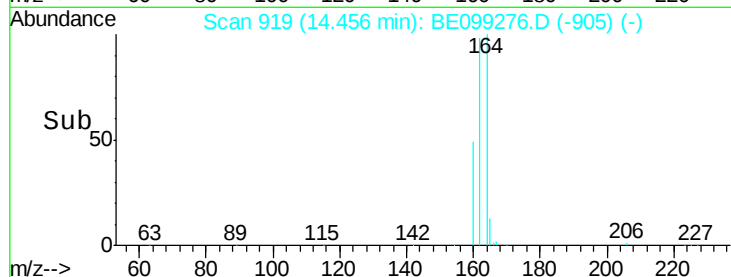
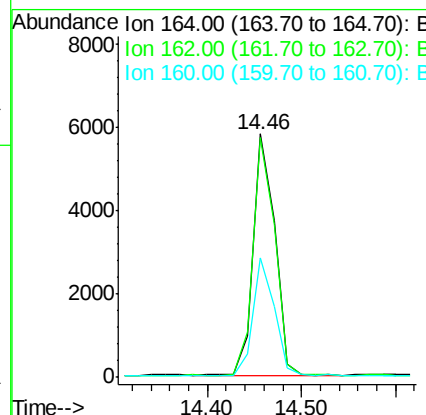
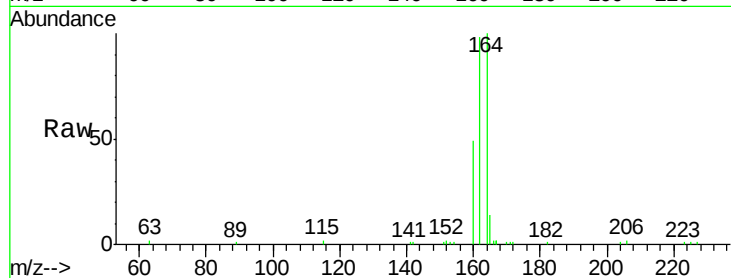




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

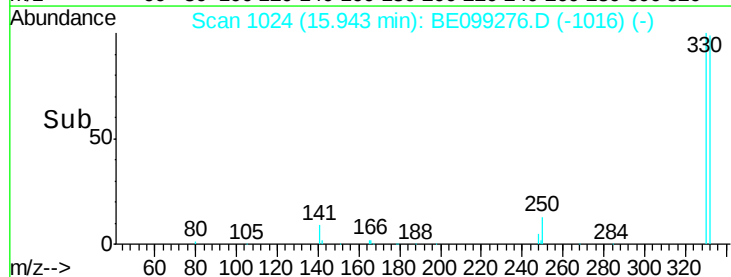
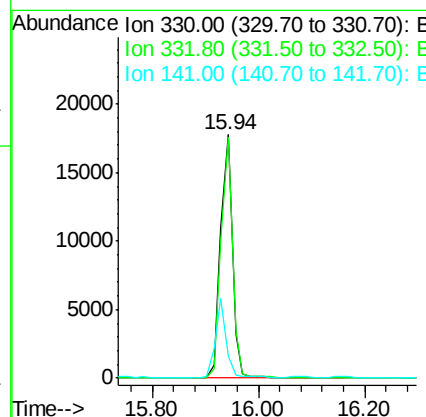
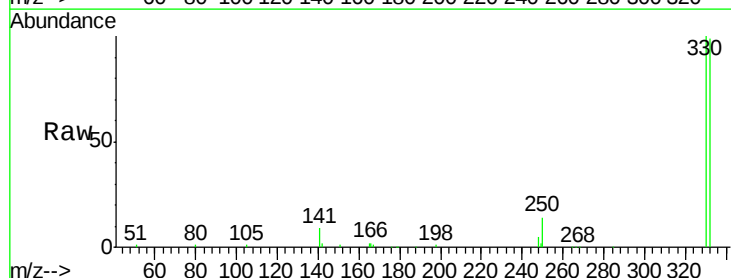
Instrument :
BNA_E
ClientSampleId :
SSTDIC5.0

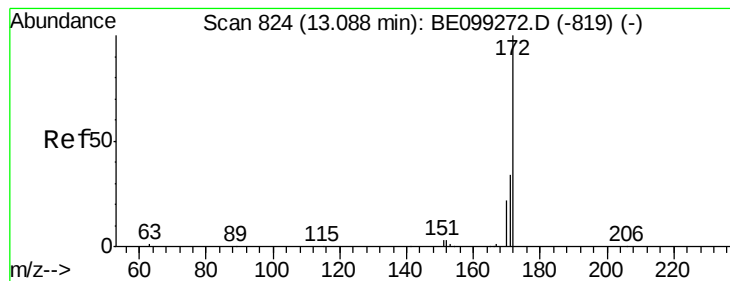
Tgt Ion:164 Resp: 9249
Ion Ratio Lower Upper
164 100
162 98.2 78.8 118.2
160 49.0 37.6 56.4



#14
2,4,6-Tribromophenol
Concen: 8.219 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099276.D
Acq: 2 Apr 2019 15:44

Tgt Ion:330 Resp: 26851
Ion Ratio Lower Upper
330 100
332 96.6 82.6 123.8
141 29.5 27.6 41.4





#15

2-Fluorobiphenyl

Concen: 4.920 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

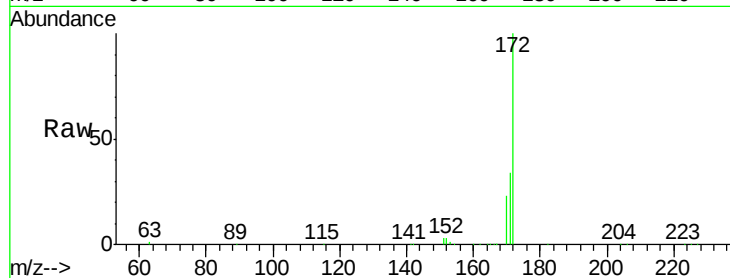
Tgt Ion:172 Resp: 185511

Ion Ratio Lower Upper

172 100

171 34.1 27.5 41.3

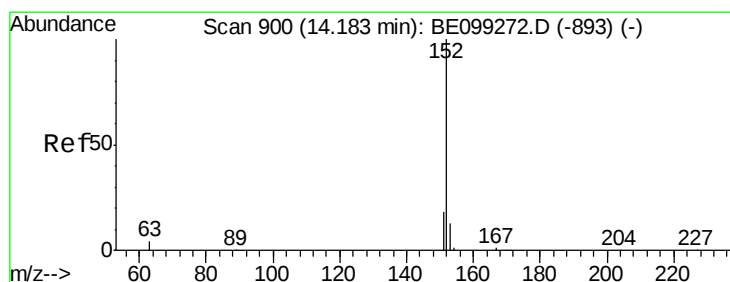
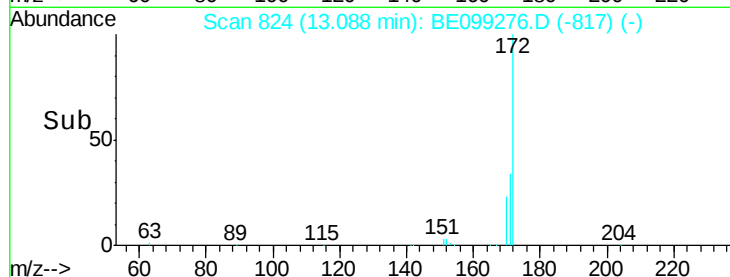
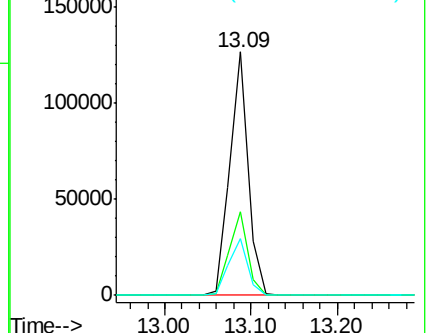
170 23.2 18.2 27.2



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: 5.131 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

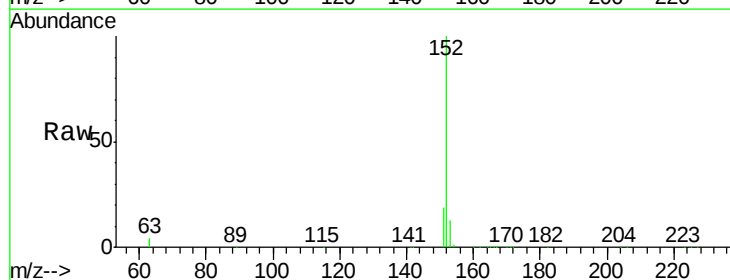
Tgt Ion:152 Resp: 241960

Ion Ratio Lower Upper

152 100

151 19.7 14.9 22.3

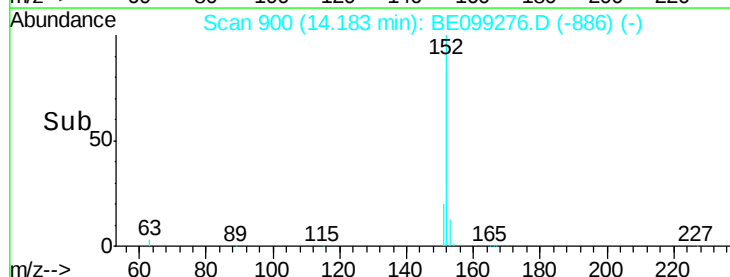
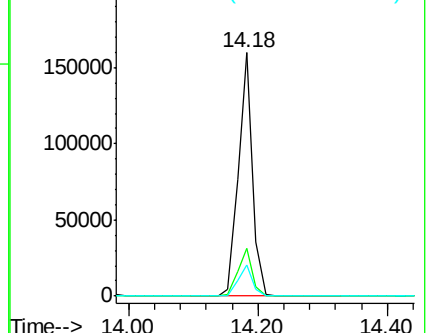
153 13.0 10.0 15.0

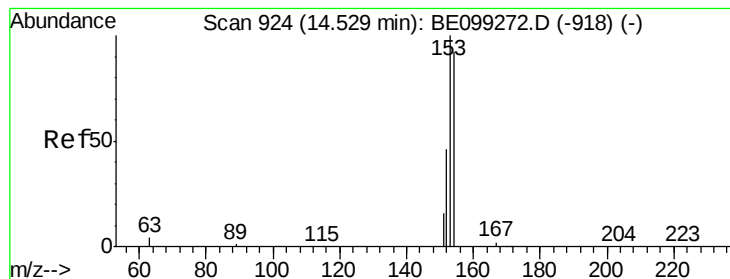


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 4.828 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

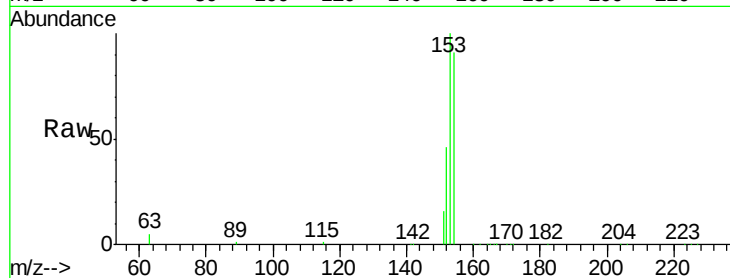
Tgt Ion:154 Resp: 136137

Ion Ratio Lower Upper

154 100

153 113.1 92.8 139.2

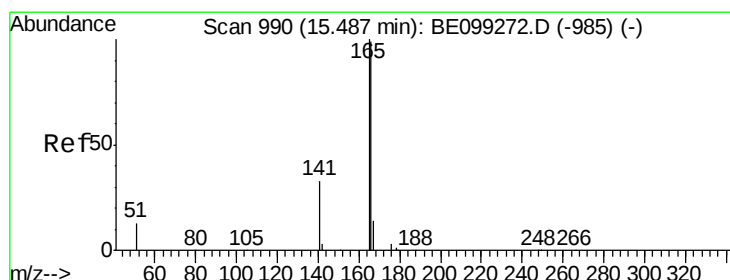
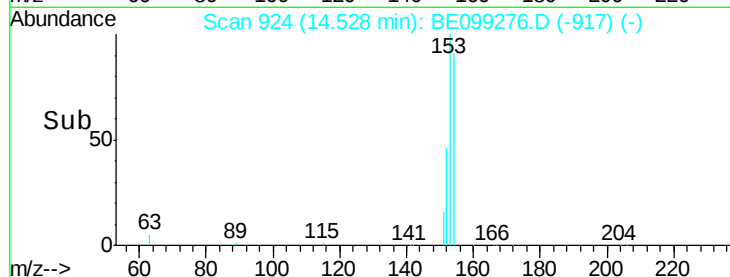
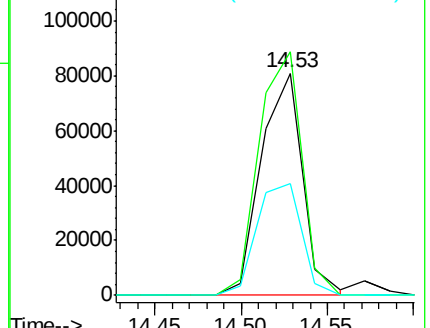
152 54.6 44.3 66.5



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: 4.885 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

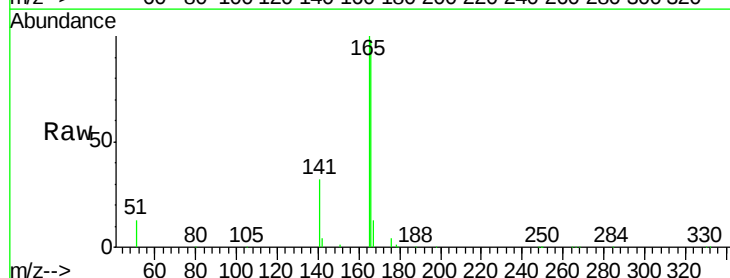
Tgt Ion:166 Resp: 193754

Ion Ratio Lower Upper

166 100

165 99.7 77.9 116.9

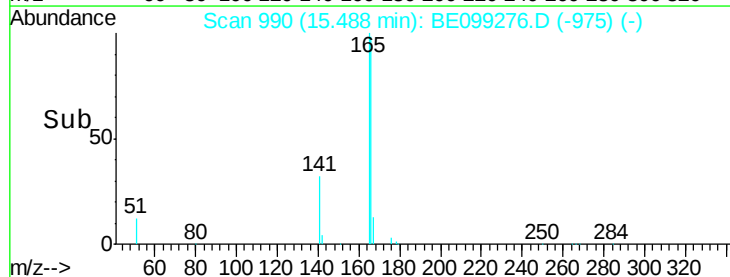
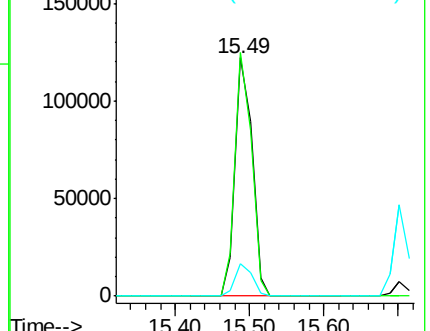
167 13.5 10.9 16.3

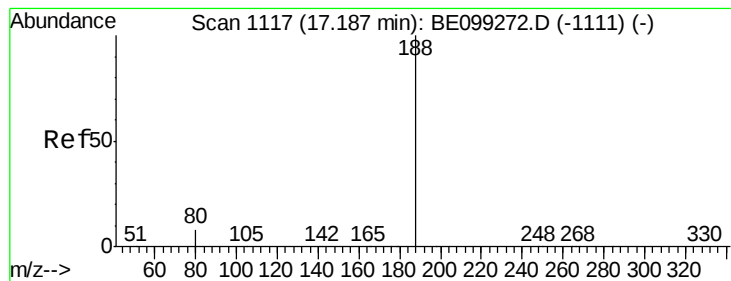


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

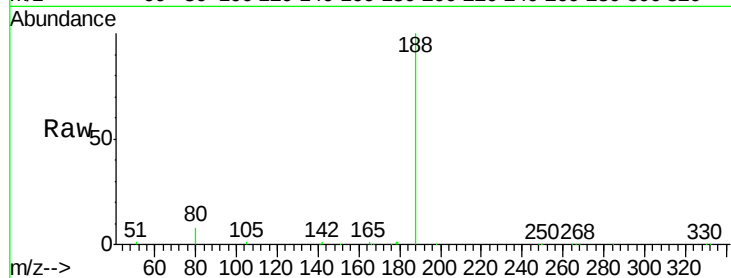
Tgt Ion:188 Resp: 26422

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

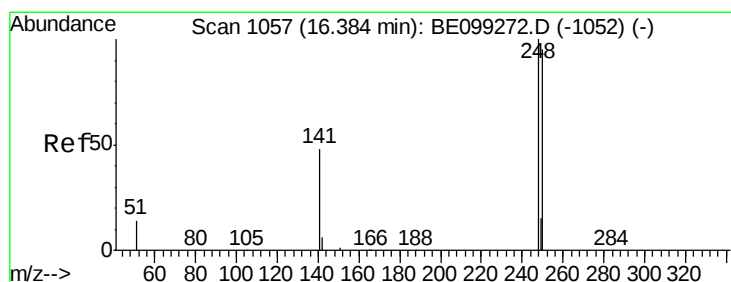
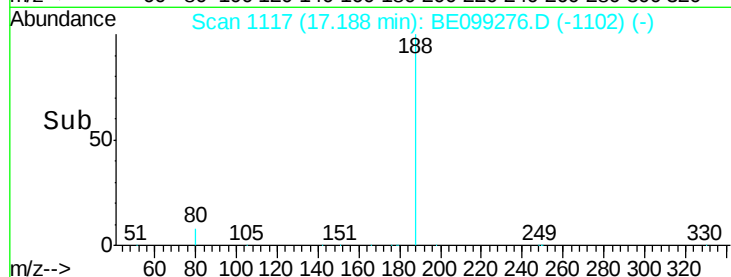
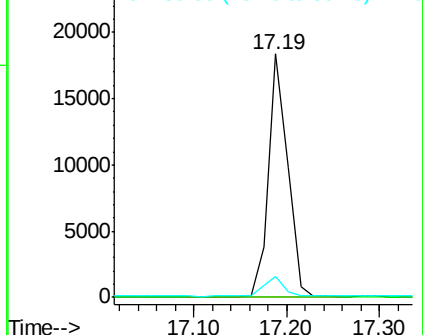
80 8.4 6.6 10.0



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: 4.751 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

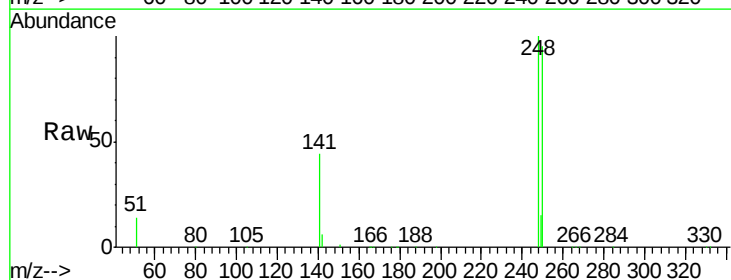
Tgt Ion:248 Resp: 80998

Ion Ratio Lower Upper

248 100

250 94.9 75.9 113.9

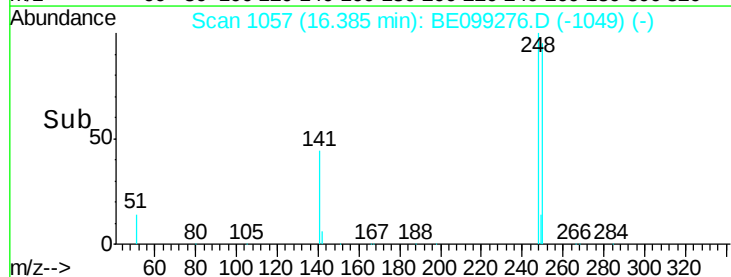
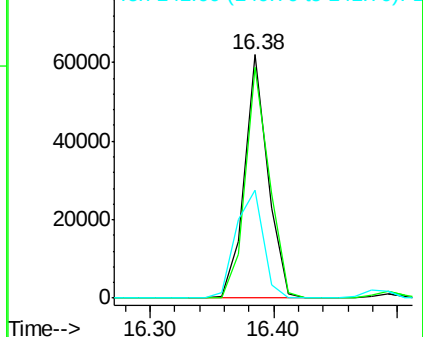
141 44.3 39.0 58.6

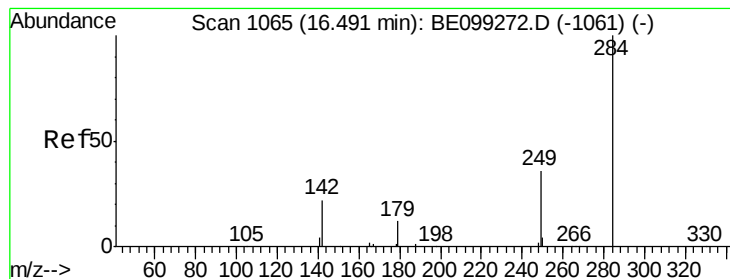


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.631 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

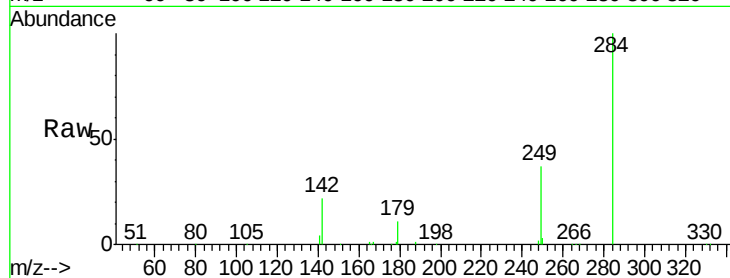
Tgt Ion:284 Resp: 76277

Ion Ratio Lower Upper

284 100

142 26.7 21.0 31.6

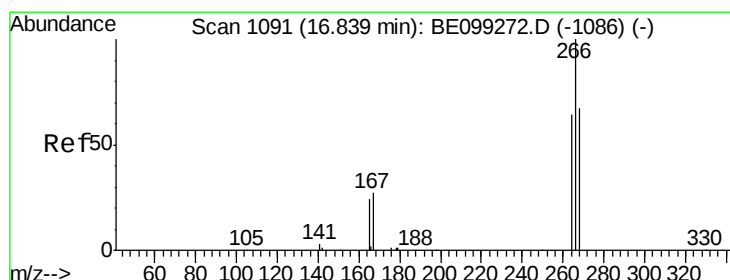
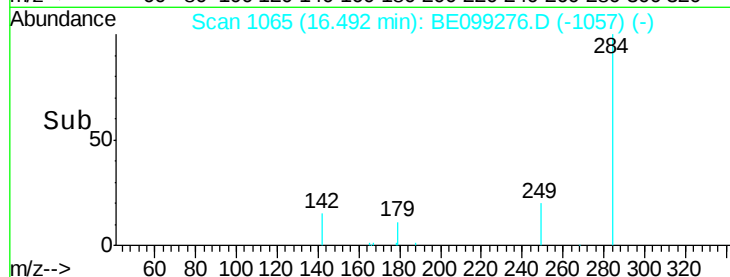
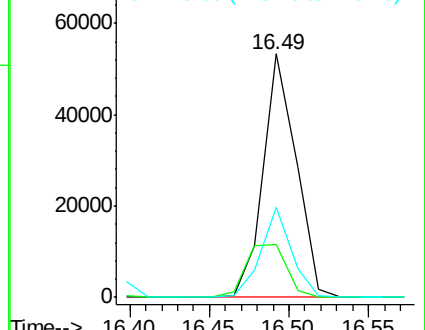
249 33.9 27.0 40.6



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: 17.508 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

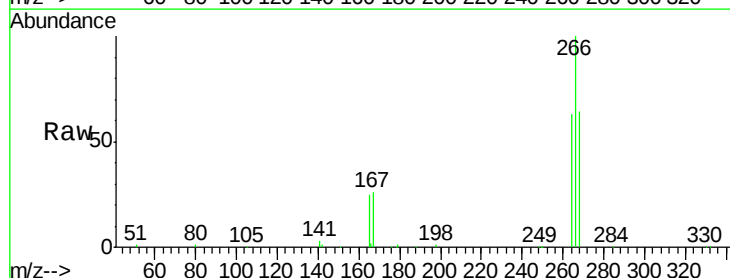
Tgt Ion:266 Resp: 38010

Ion Ratio Lower Upper

266 100

264 62.6 51.8 77.8

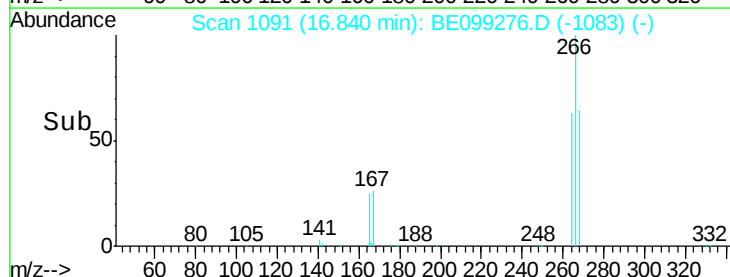
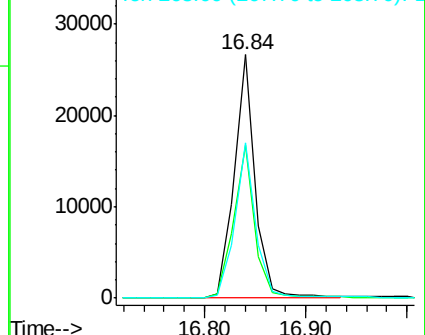
268 63.7 54.7 82.1

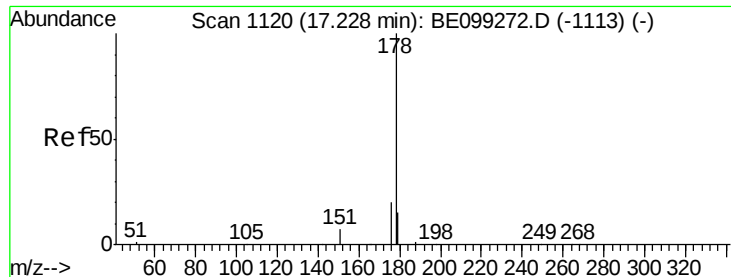


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 4.579 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

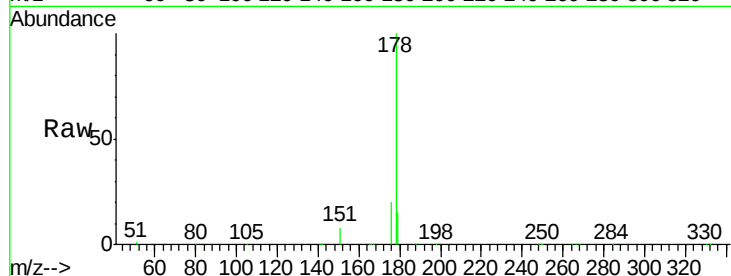
Tgt Ion:178 Resp: 355302

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

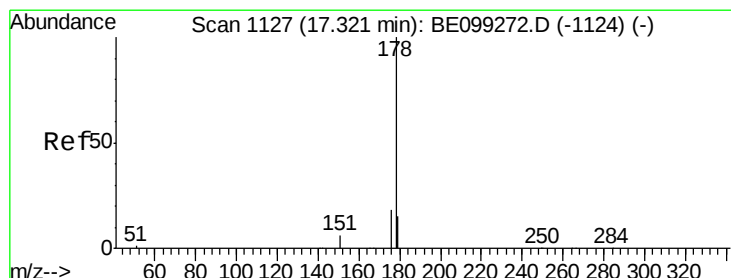
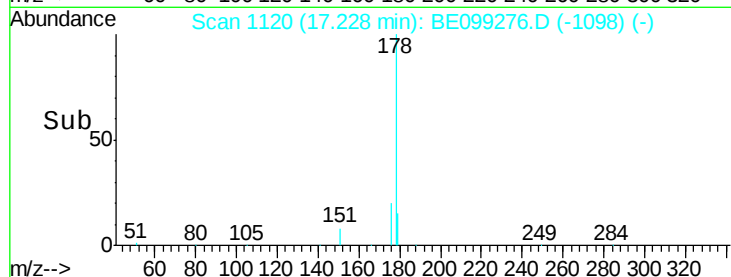
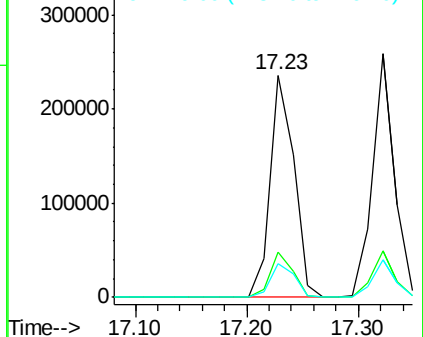
179 15.4 12.3 18.5



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: 5.023 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

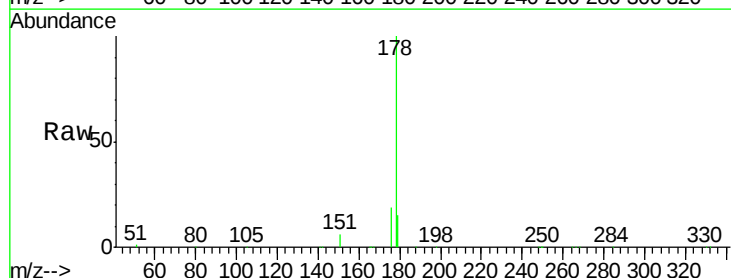
Tgt Ion:178 Resp: 352168

Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

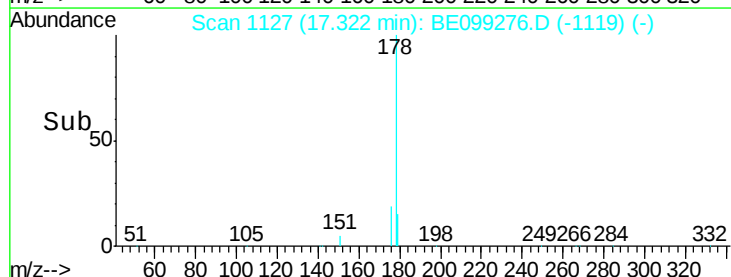
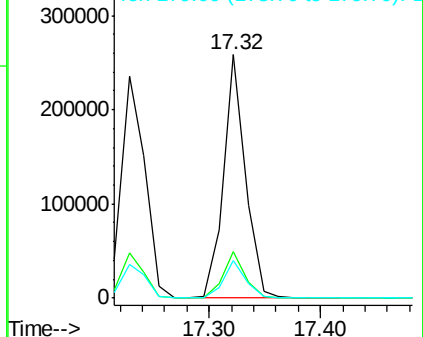
179 15.3 12.3 18.5

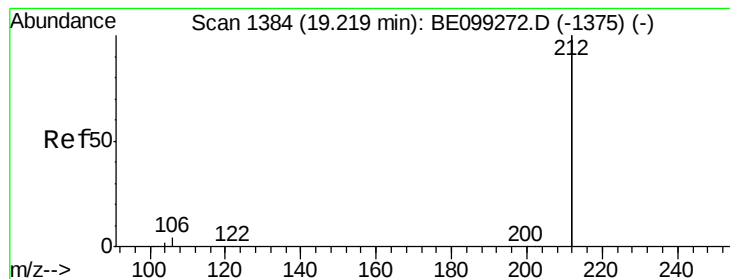


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 5.703 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

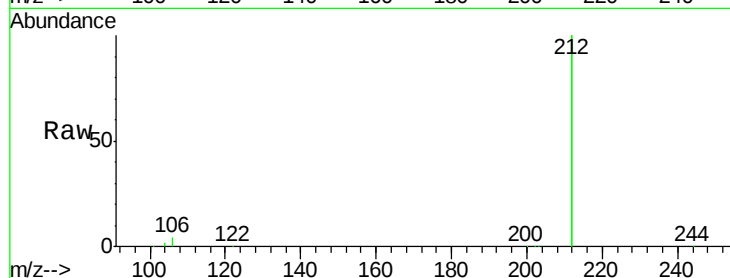
Tgt Ion:212 Resp: 1825691

Ion Ratio Lower Upper

212 100

106 2.1 1.7 2.5

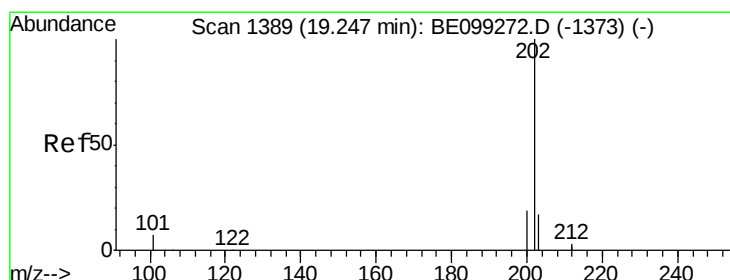
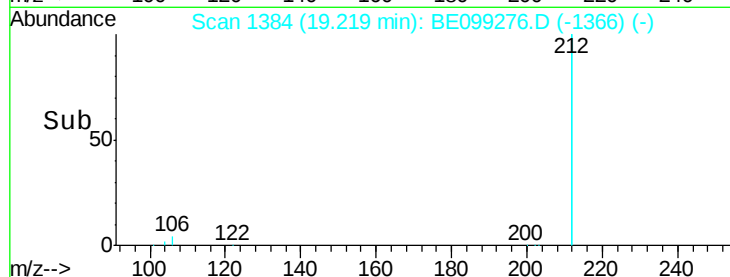
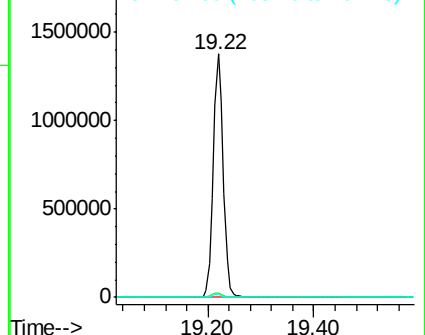
104 1.2 1.0 1.4



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: 5.369 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

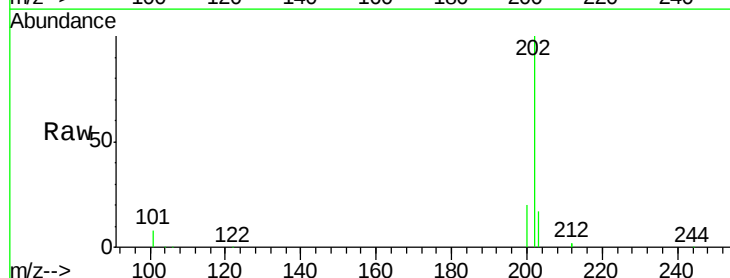
Tgt Ion:202 Resp: 531582

Ion Ratio Lower Upper

202 100

101 7.7 6.2 9.4

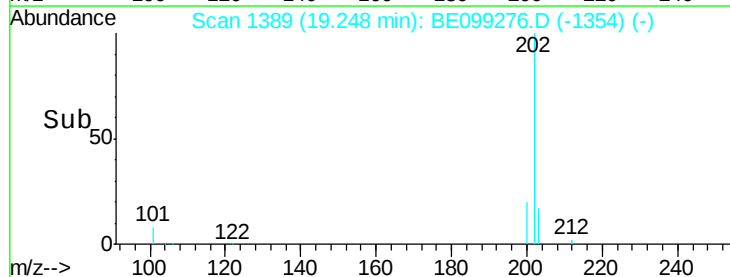
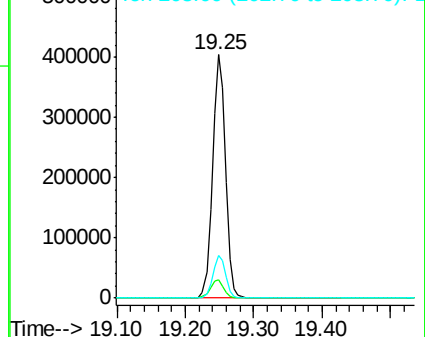
203 17.5 13.9 20.9

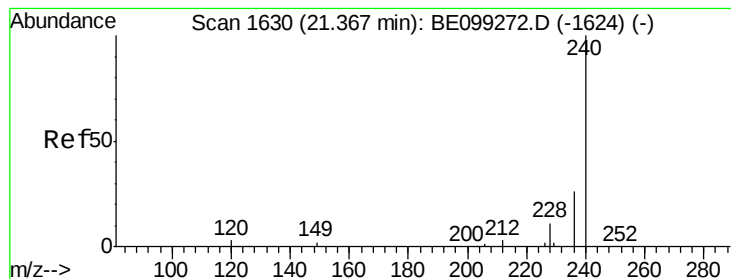


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

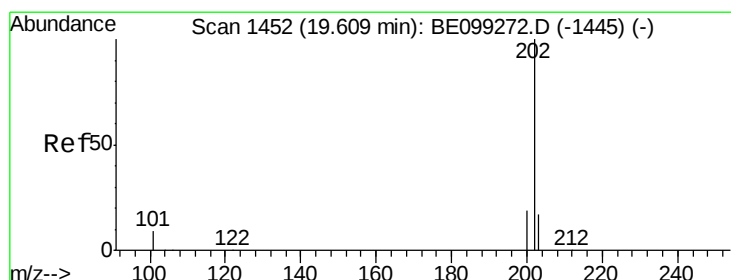
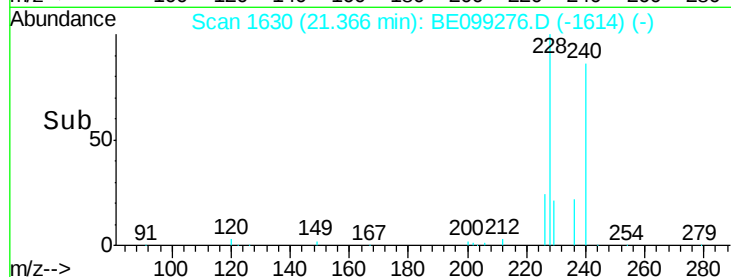
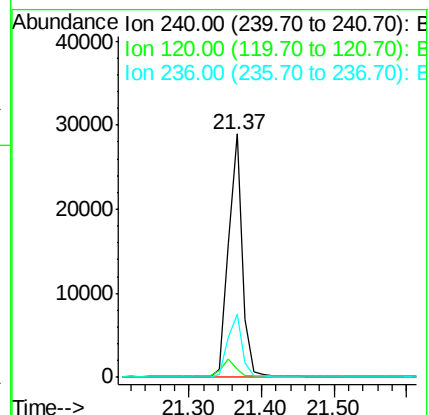
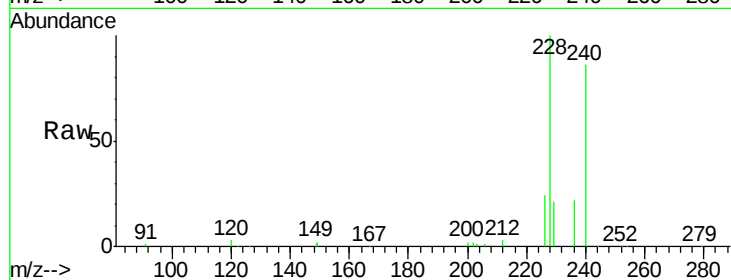
Tgt Ion:240 Resp: 39276

Ion Ratio Lower Upper

240 100

120 3.4 2.7 4.1

236 26.0 20.7 31.1



#28

Pyrene

Concen: 4.172 ng

RT: 19.61 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

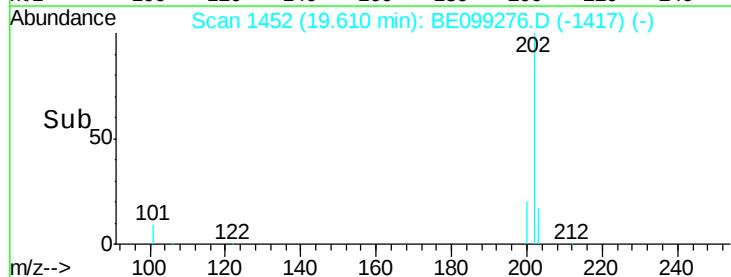
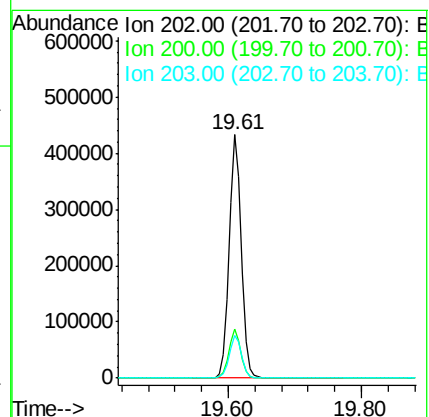
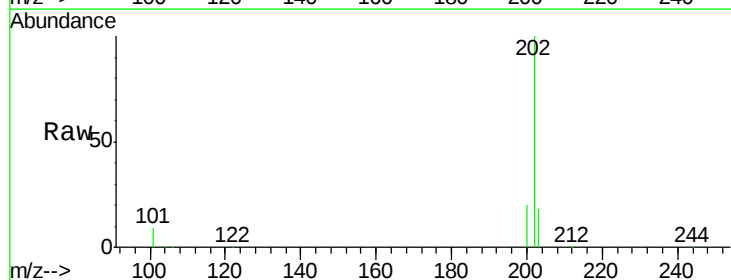
Tgt Ion:202 Resp: 544423

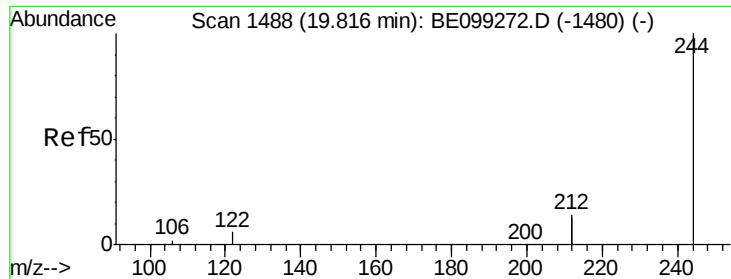
Ion Ratio Lower Upper

202 100

200 19.8 15.7 23.5

203 17.7 13.9 20.9





#29

Terphenyl-d14

Concen: 4.396 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

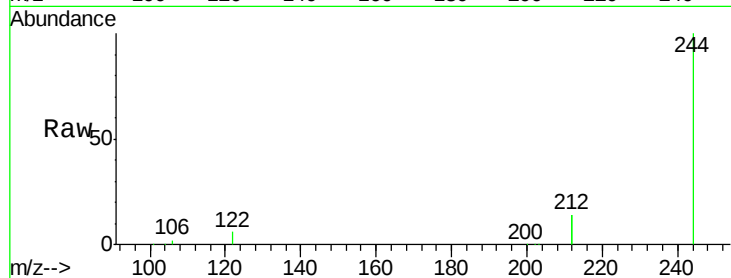
Tgt Ion:244 Resp: 375549

Ion Ratio Lower Upper

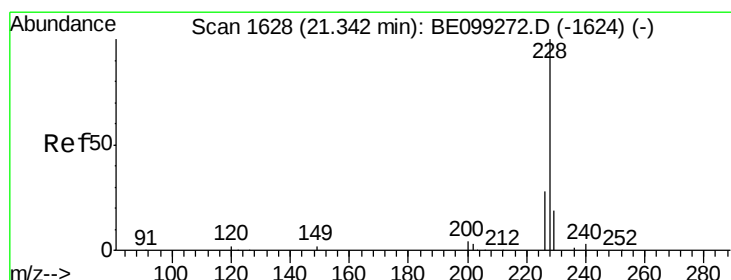
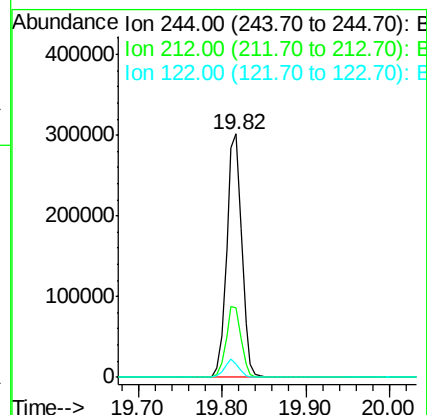
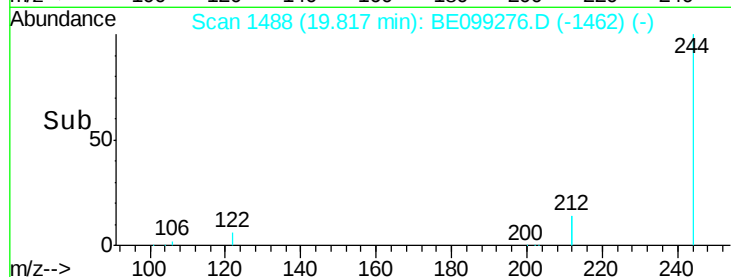
244 100

212 28.4 22.6 33.8

122 5.7 4.6 7.0



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: 4.927 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

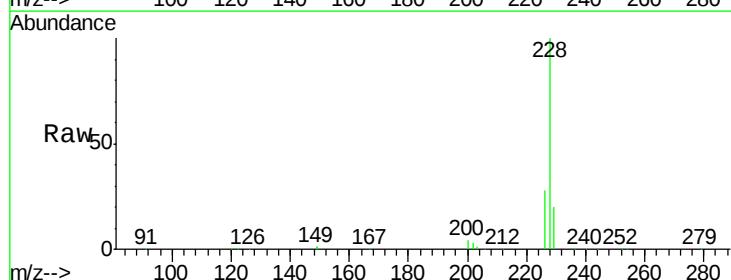
Tgt Ion:228 Resp: 638514

Ion Ratio Lower Upper

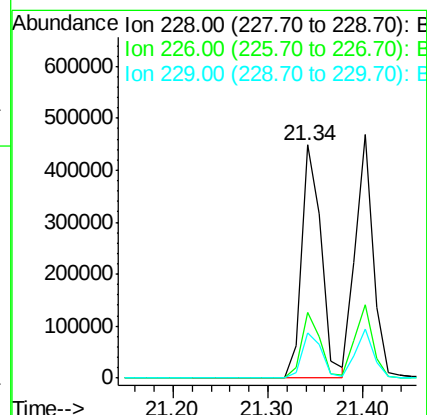
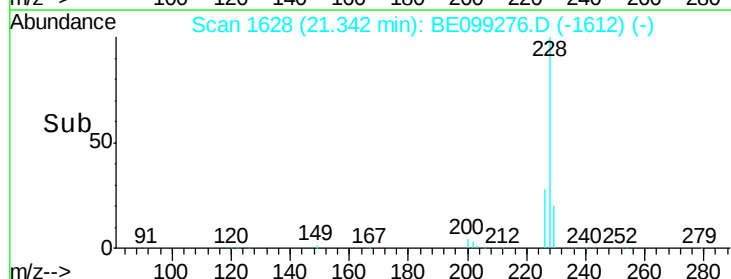
228 100

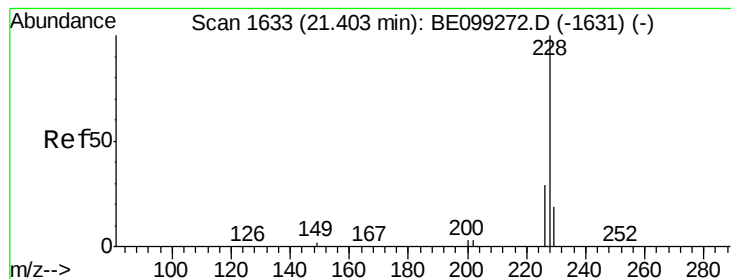
226 28.3 22.3 33.5

229 19.5 15.4 23.0



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: 4.406 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

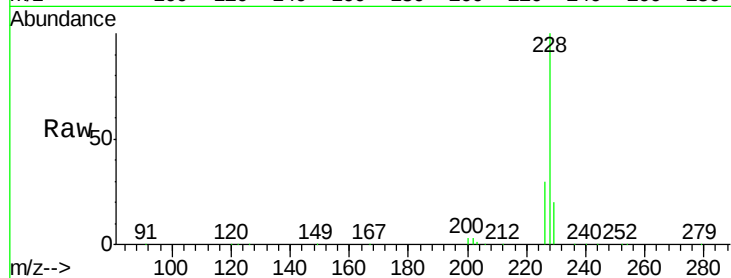
Tgt Ion: 228 Resp: 610266

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

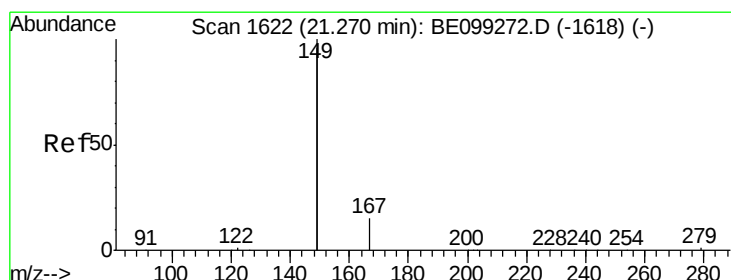
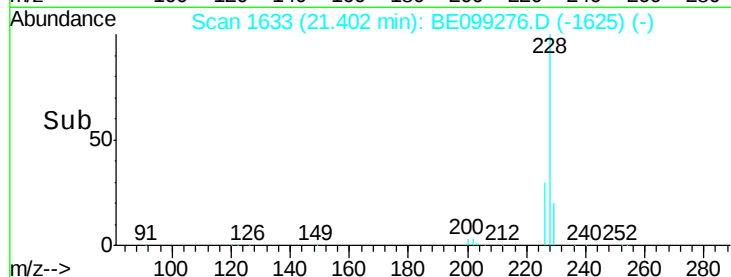
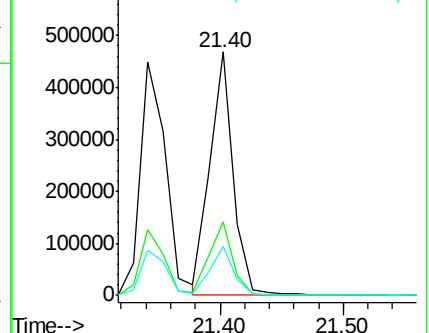
229 20.1 15.6 23.4



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: 5.318 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

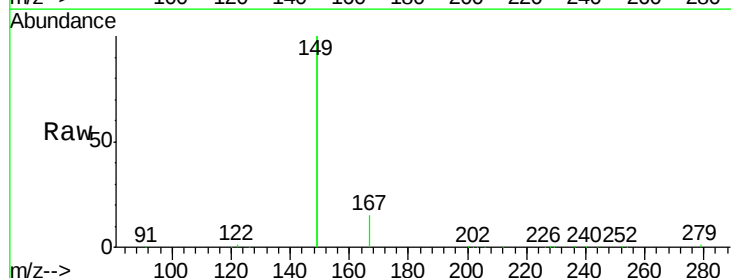
Tgt Ion: 149 Resp: 822133

Ion Ratio Lower Upper

149 100

167 7.4 6.1 9.1

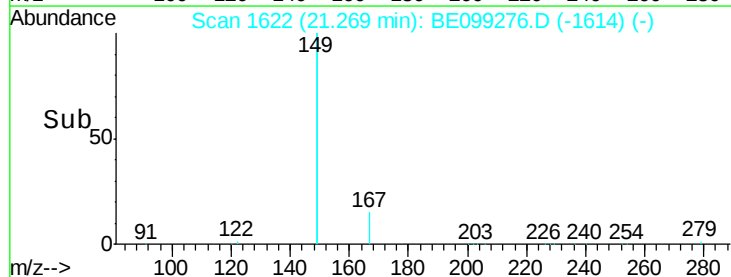
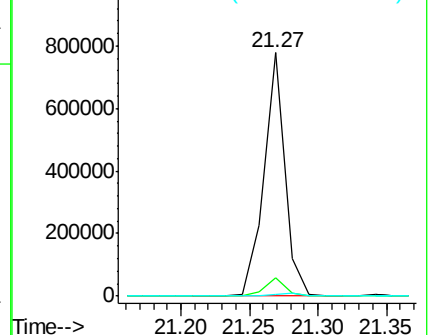
279 1.2 1.0 1.4

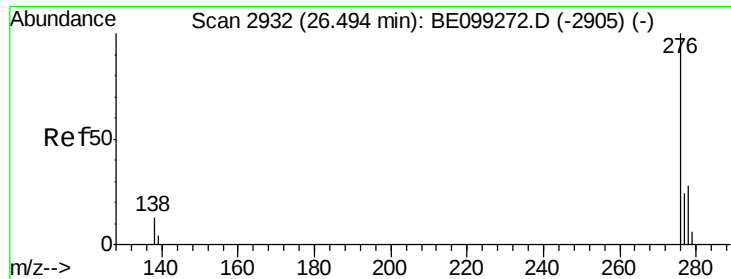


Abundance Ion 149.00 (148.70 to 149.70): E

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: 5.090 ng

RT: 26.50 min Scan# 2934

Delta R.T. 0.01 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

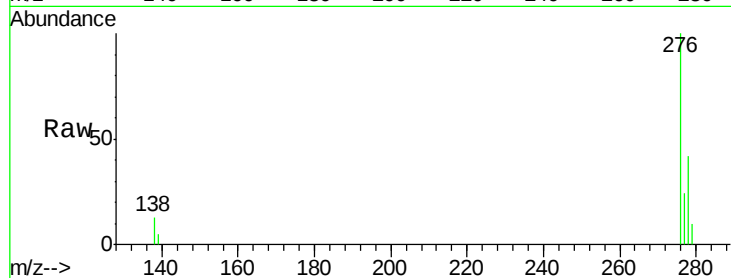
Tgt Ion:276 Resp: 667213

Ion Ratio Lower Upper

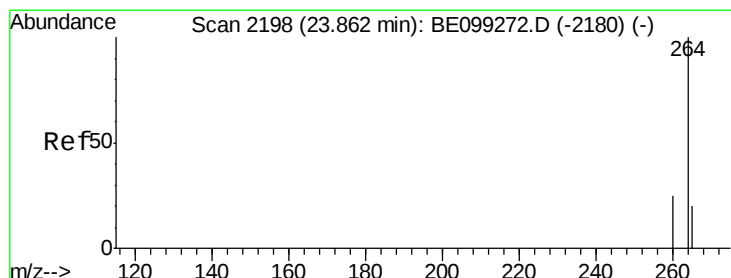
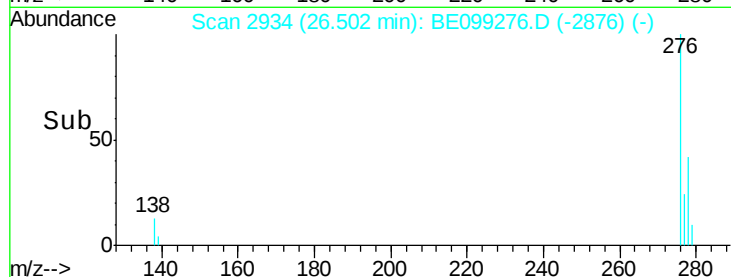
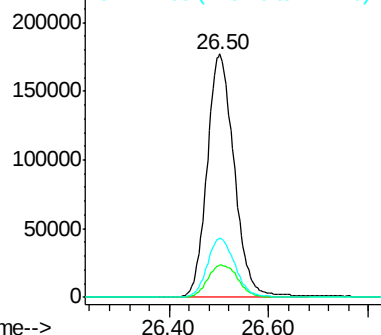
276 100

138 14.9 12.6 18.8

277 24.7 19.4 29.2



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: 23.86 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

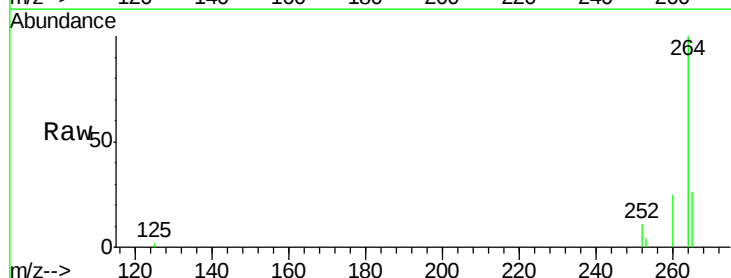
Tgt Ion:264 Resp: 37013

Ion Ratio Lower Upper

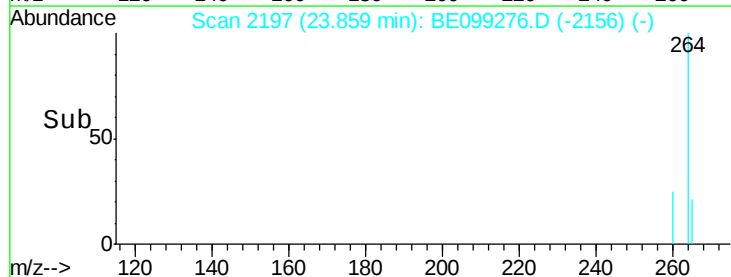
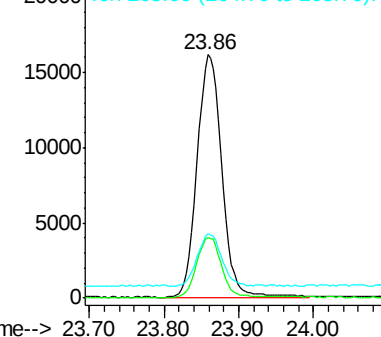
264 100

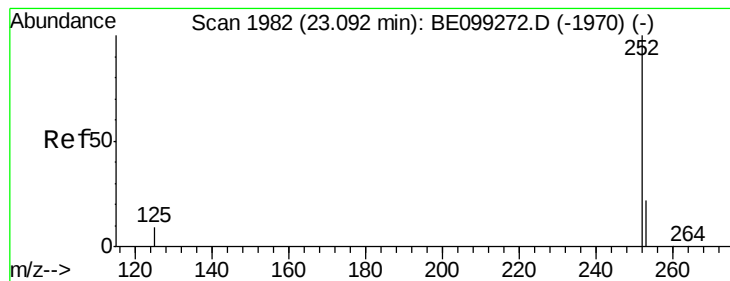
260 24.9 19.8 29.8

265 26.3 19.3 28.9



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: 4.751 ng

RT: 23.09 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

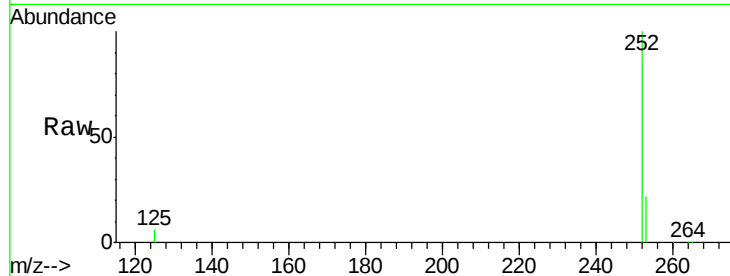
Tgt Ion:252 Resp: 578731

Ion Ratio Lower Upper

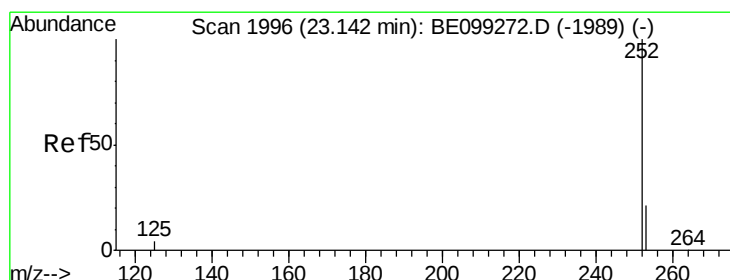
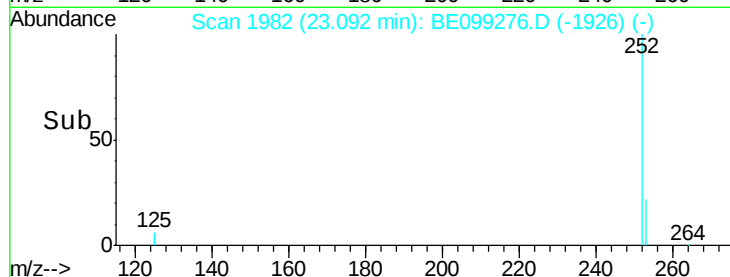
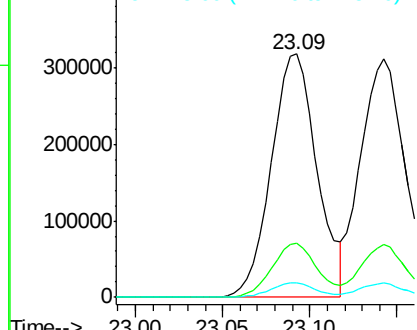
252 100

253 22.2 18.6 27.8

125 5.9 7.4 11.2#



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



#36

Benzo(k)fluoranthene

Concen: 4.460 ng

RT: 23.14 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

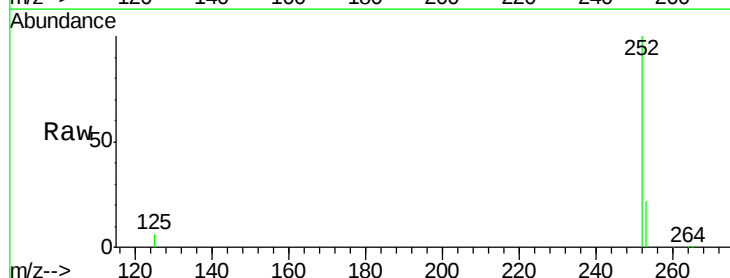
Tgt Ion:252 Resp: 574248

Ion Ratio Lower Upper

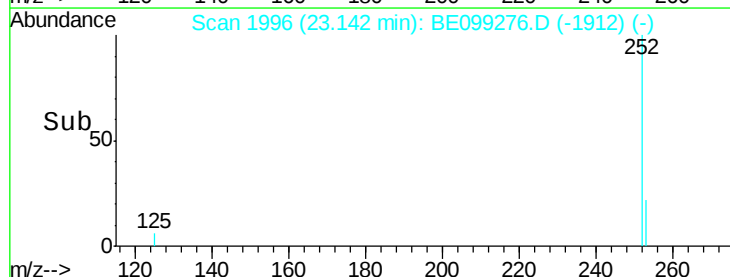
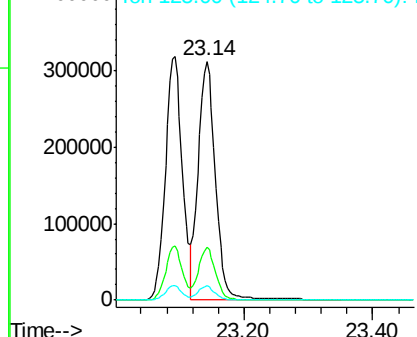
252 100

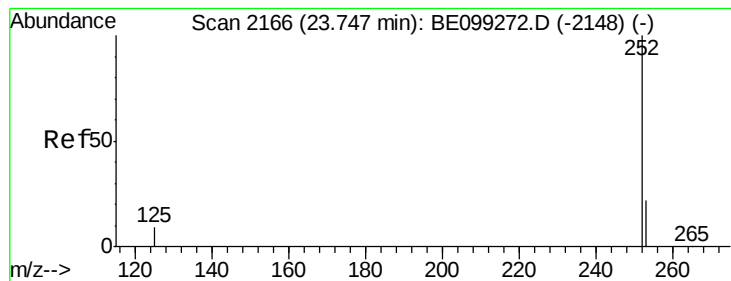
253 22.0 17.9 26.9

125 6.0 5.8 8.6



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: 4.727 ng

RT: 23.74 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

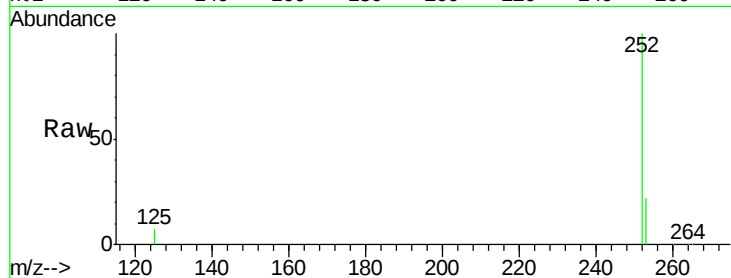
Tgt Ion:252 Resp: 537656

Ion Ratio Lower Upper

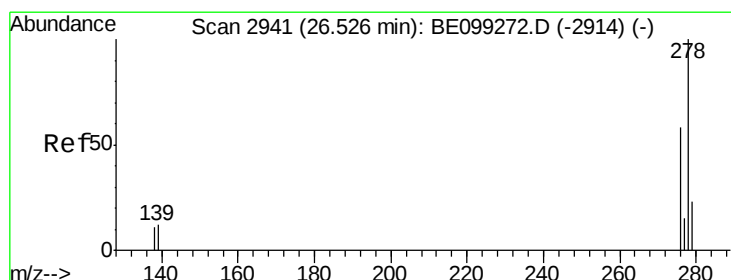
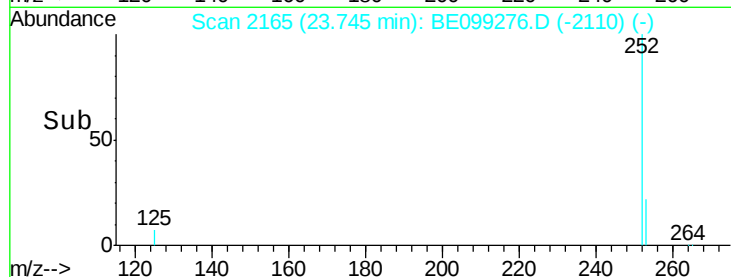
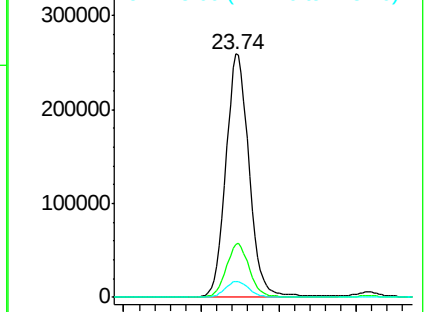
252 100

253 21.6 18.4 27.6

125 6.6 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



#38

Dibenzo(a,h)anthracene

Concen: 5.455 ng

RT: 26.53 min Scan# 2941

Delta R.T. 0.00 min

Lab File: BE099276.D

Acq: 2 Apr 2019 15:44

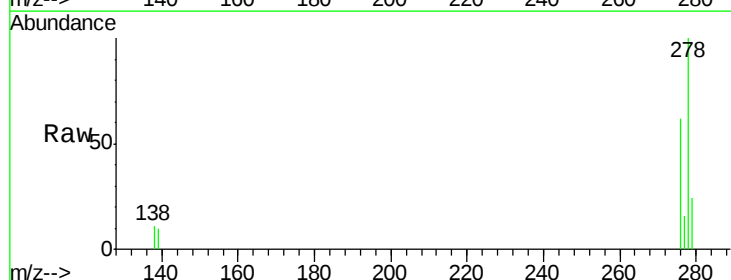
Tgt Ion:278 Resp: 551187

Ion Ratio Lower Upper

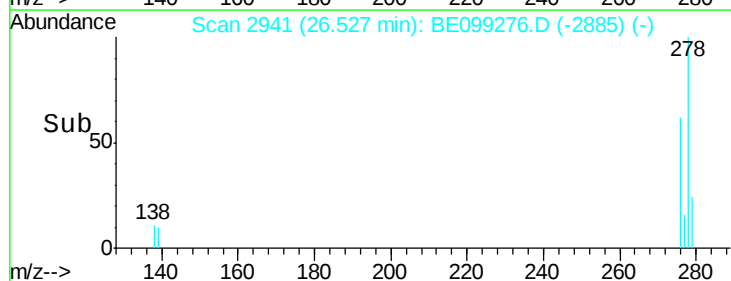
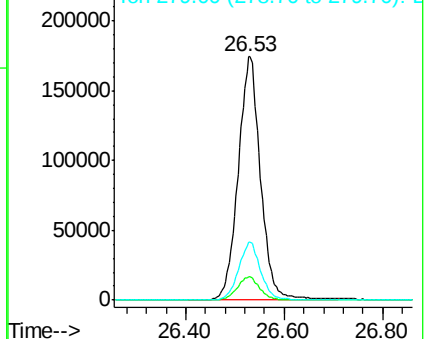
278 100

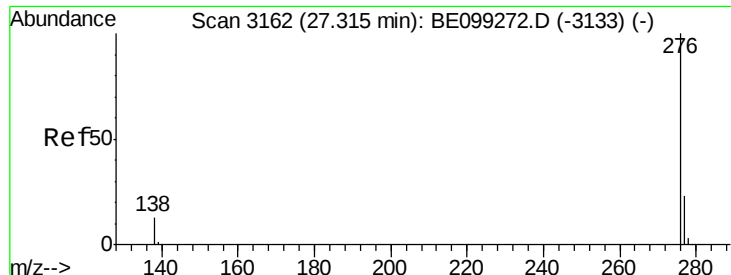
139 9.7 10.2 15.2#

279 24.1 19.0 28.4



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: 5.372 ng

RT: 27.32 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BE099276.D

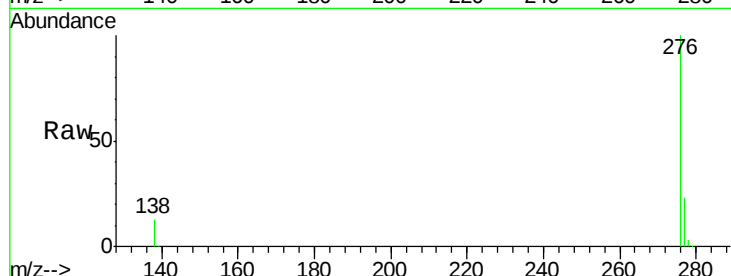
Acq: 2 Apr 2019 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0



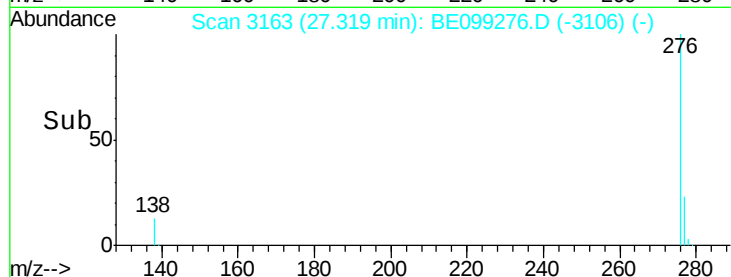
Tgt Ion: 276 Resp: 544432

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 12.7 11.2 16.8



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

