

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
 Data File : BE099180.D
 Acq On : 25 Mar 2019 13:07
 Operator : JU/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Mar 25 14:14:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 25 14:07:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3694	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	16590	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	12198	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	30438	0.40	ng	0.00
27) Chrysene-d12	21.38	240	36381	0.40	ng	-0.01
34) Perylene-d12	23.90	264	35431	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	17378	1.58	ng	0.00
5) Phenol-d6	6.99	99	27207	1.72	ng	0.00
8) Nitrobenzene-d5	8.99	82	22250	3.07	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	51899	1.74	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	8326	2.32	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	79499	1.64	ng	0.00
25) Fluoranthene-d10	19.24	212	614977	1.51	ng	0.00
29) Terphenyl-d14	19.83	244	128275	1.67	ng	0.00

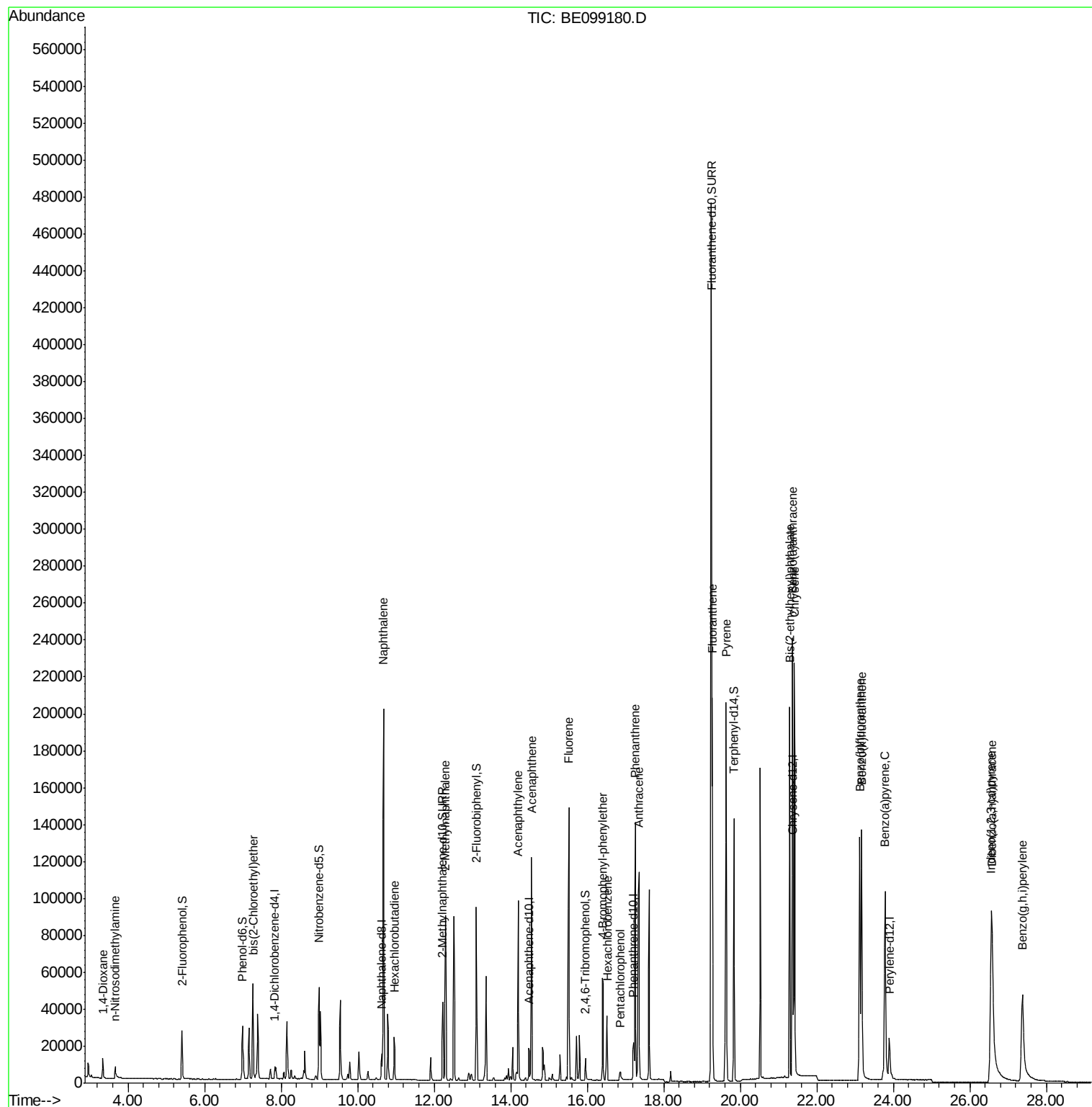
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	7755	1.353	ng	97
3) n-Nitrosodimethylamine	3.66	42	4713	1.594	ng	# 94
6) bis(2-Chloroethyl)ether	7.26	93	21093	1.639	ng	97
9) Naphthalene	10.68	128	319760	1.636	ng	100
10) Hexachlorobutadiene	10.95	225	16792	1.756	ng	98
12) 2-Methylnaphthalene	12.30	142	57840	1.727	ng	99
16) Acenaphthylene	14.20	152	105343	1.618	ng	100
17) Acenaphthene	14.54	154	60792	1.574	ng	99
18) Fluorene	15.51	166	86184	1.530	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	32935	1.954	ng	99
21) Hexachlorobenzene	16.52	284	32039	2.047	ng	99
22) Pentachlorophenol	16.87	266	4107	0.892	ng	91
23) Phenanthrene	17.25	178	148615	1.644	ng	99
24) Anthracene	17.35	178	138724	1.622	ng	100
26) Fluoranthene	19.27	202	194620	1.530	ng	100
28) Pyrene	19.63	202	196157	1.590	ng	100
30) Benzo(a)anthracene	21.37	228	200529	1.564	ng	99
31) Chrysene	21.41	228	210692	1.645	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	229043	1.377	ng	100
33) Indeno(1,2,3-cd)pyrene	26.56	276	201780	1.465	ng	98
35) Benzo(b)fluoranthene	23.12	252	198351	1.618	ng	98
36) Benzo(k)fluoranthene	23.17	252	206091	1.716	ng	99
37) Benzo(a)pyrene	23.78	252	183776	1.622	ng	98
38) Dibenzo(a,h)anthracene	26.58	278	168470	1.529	ng	99
39) Benzo(g,h,i)perylene	27.38	276	167502	1.480	ng	100

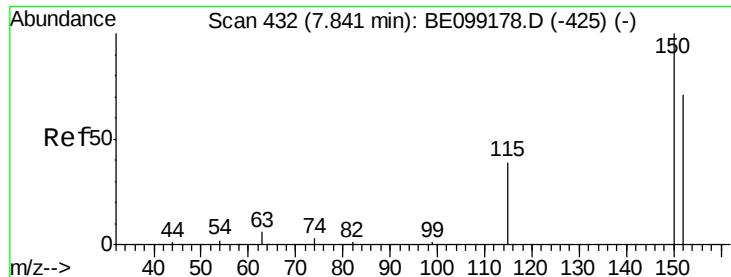
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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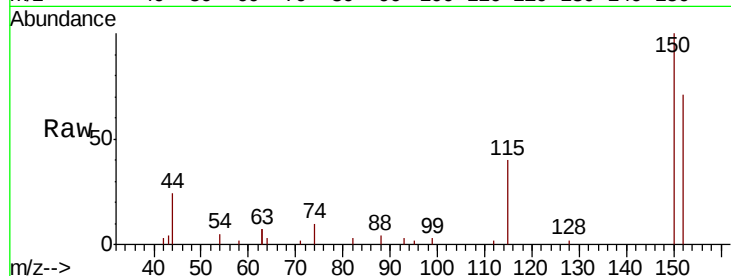


#1

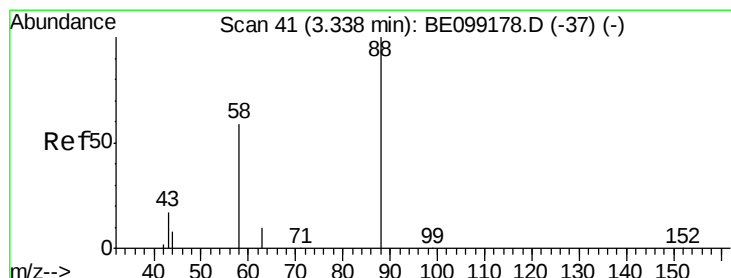
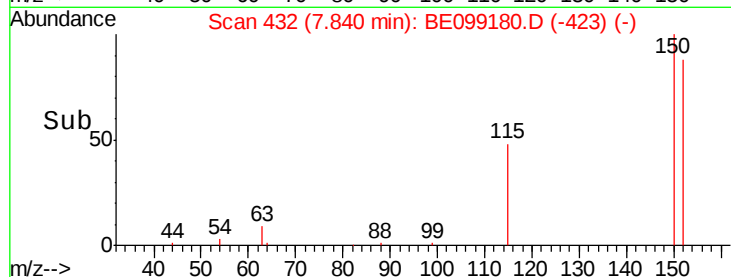
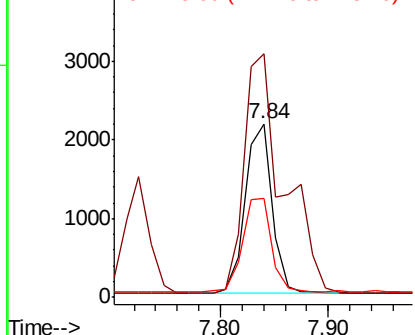
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:152 Resp: 3694
Ion Ratio Lower Upper
152 100
150 140.6 112.8 169.2
115 56.8 45.1 67.7



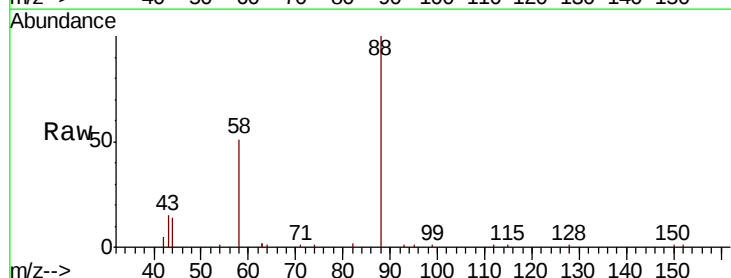
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



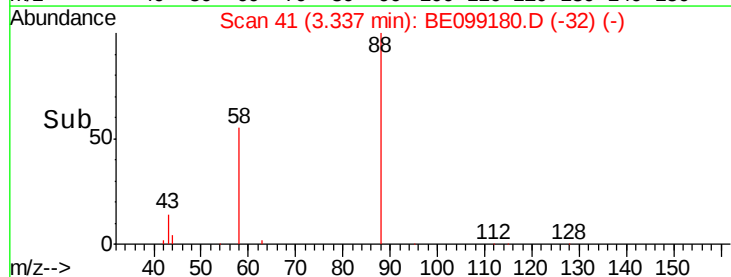
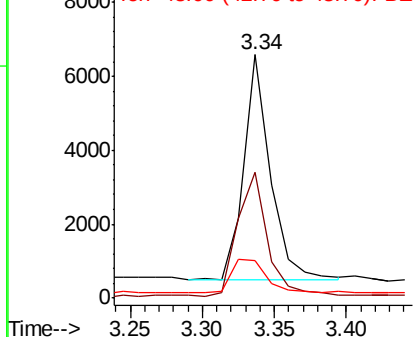
#2

1,4-Dioxane
Concen: 1.353 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion: 88 Resp: 7755
Ion Ratio Lower Upper
88 100
58 62.2 47.4 71.0
43 18.7 15.6 23.4



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: 1.594 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

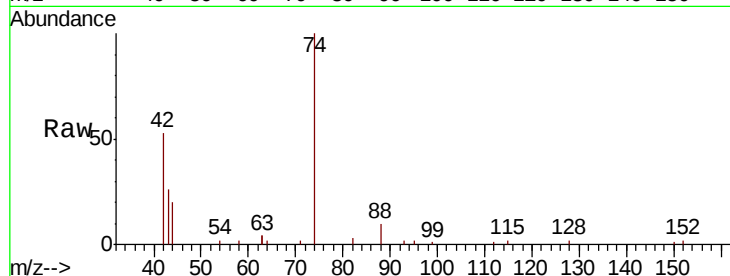
Tot Ion: 42 Resp: 4713

Ion Ratio Lower Upper

42 100

74 180.6 138.6 207.8

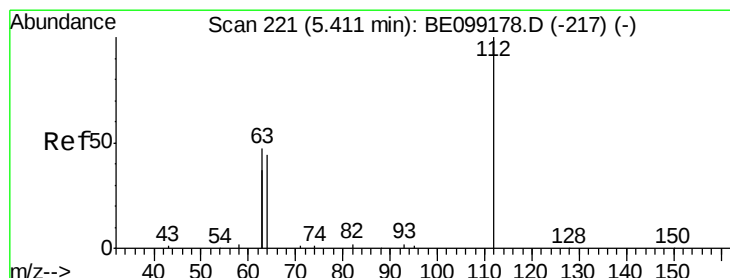
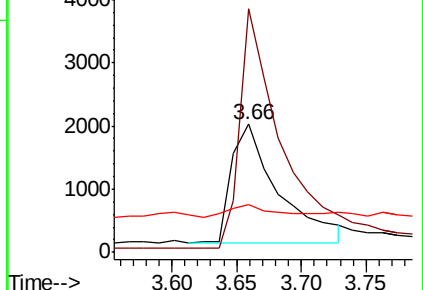
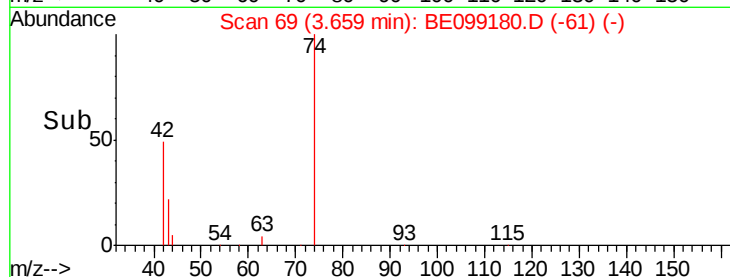
44 11.2 15.0 22.6#



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: 1.580 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

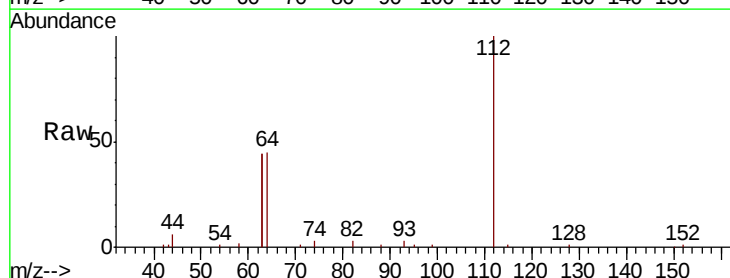
Tgt Ion: 112 Resp: 17378

Ion Ratio Lower Upper

112 100

64 55.4 46.2 69.2

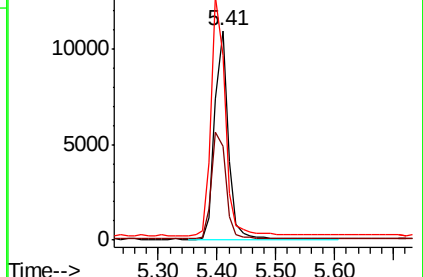
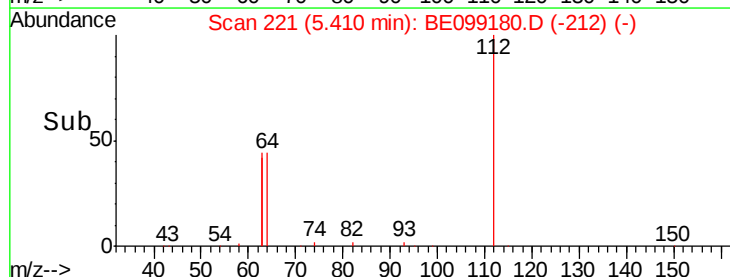
63 117.5 89.9 134.9

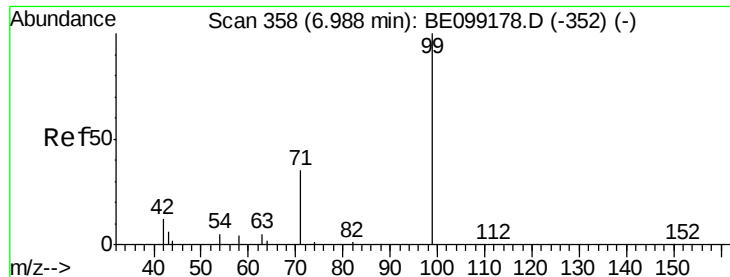


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.718 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

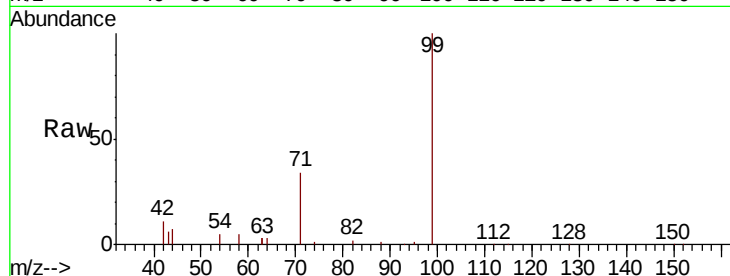
Tot Ion: 99 Resp: 27207

Ion Ratio Lower Upper

99 100

42 14.4 12.4 18.6

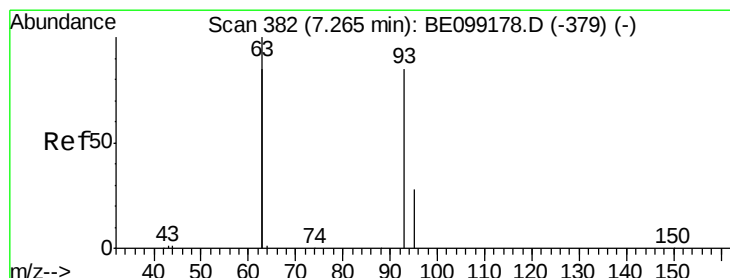
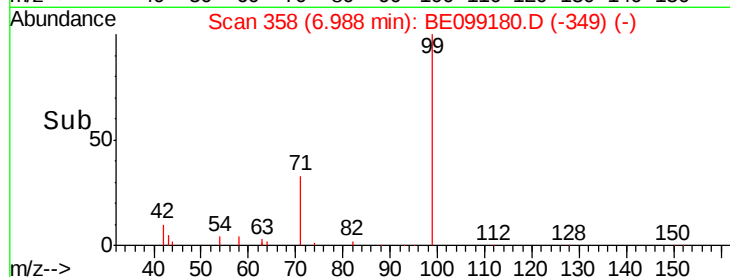
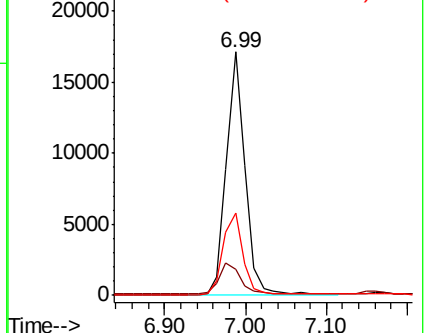
71 35.4 28.4 42.6



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: 1.639 ng

RT: 7.26 min Scan# 382

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

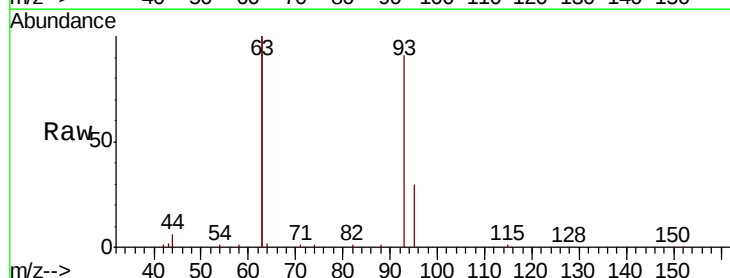
Tgt Ion: 93 Resp: 21093

Ion Ratio Lower Upper

93 100

63 282.8 221.4 332.0

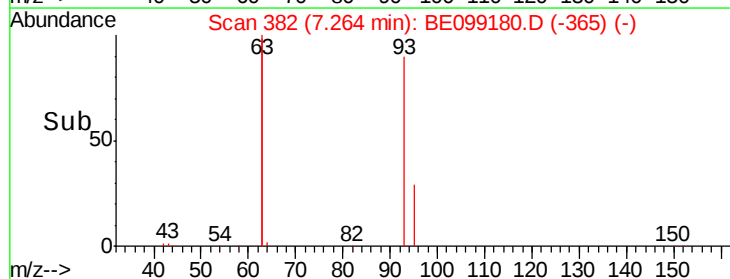
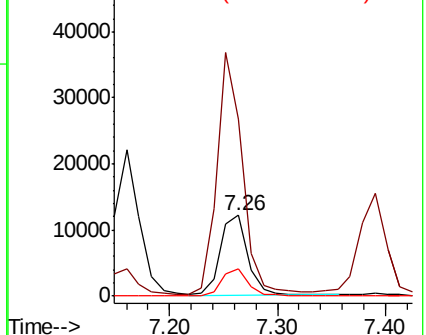
95 32.1 25.8 38.8



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: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 16590

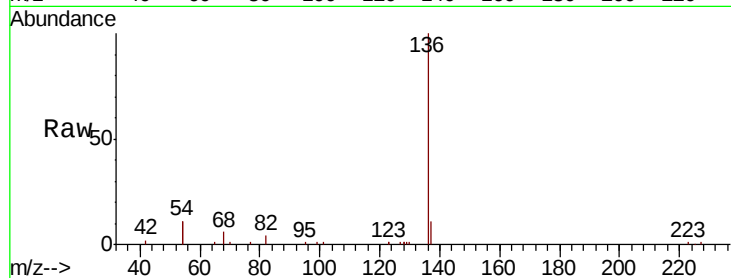
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 21.6 18.7 28.1

68 6.1 5.2 7.8

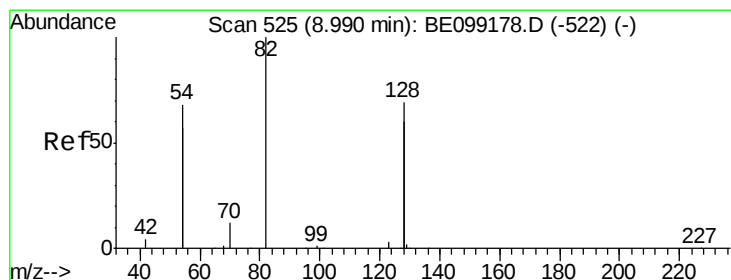
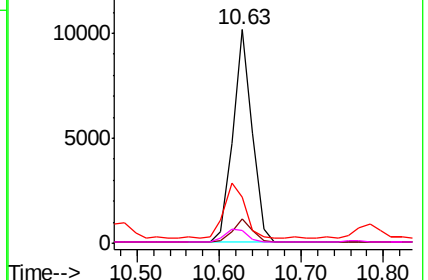
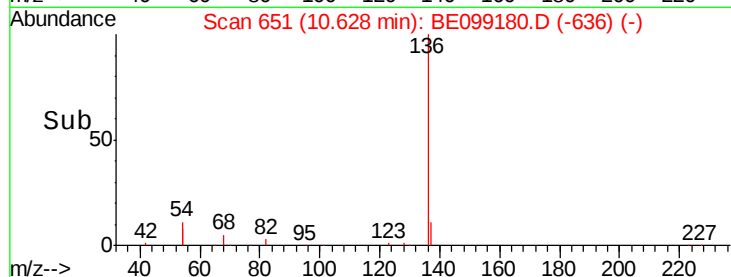


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.068 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

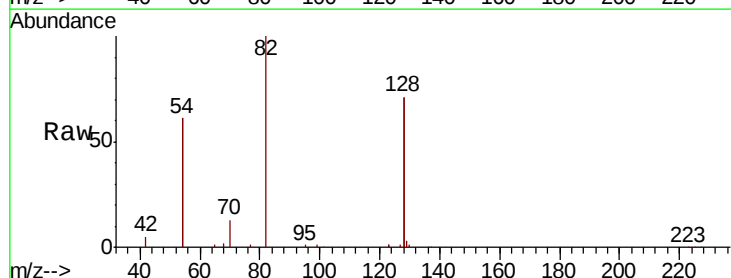
Tgt Ion: 82 Resp: 22250

Ion Ratio Lower Upper

82 100

128 141.8 107.5 161.3

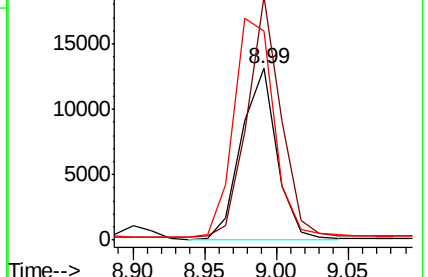
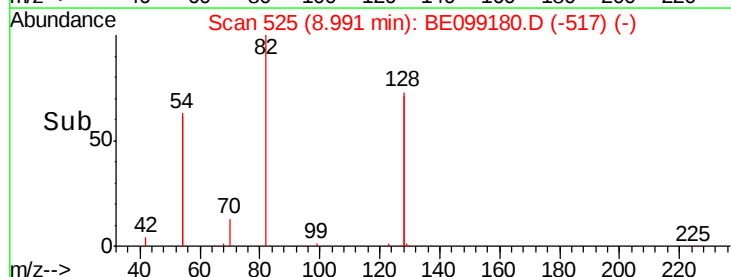
54 121.9 106.3 159.5

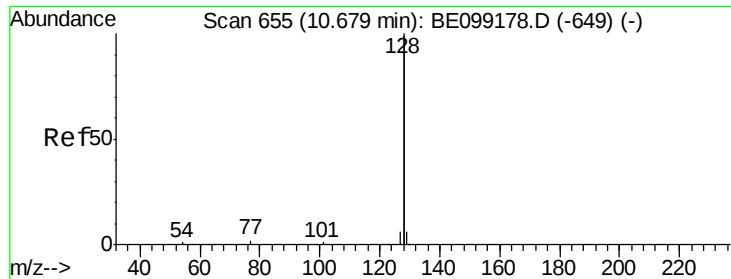


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.636 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

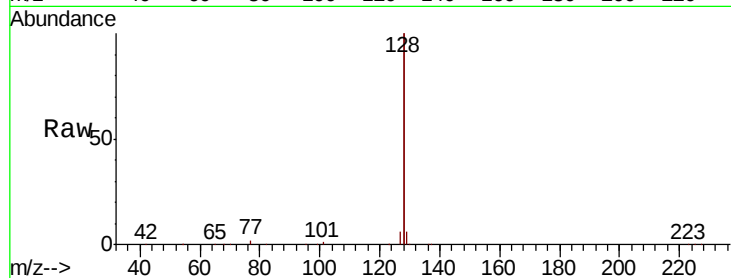
Tot Ion:128 Resp: 319760

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

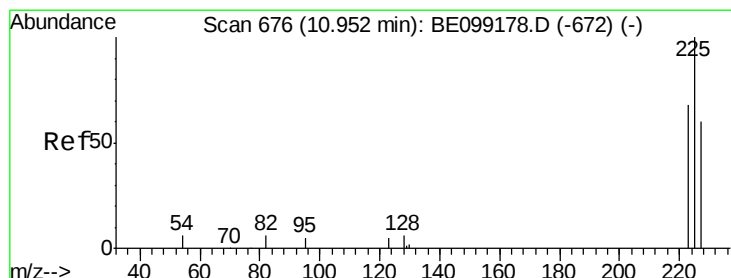
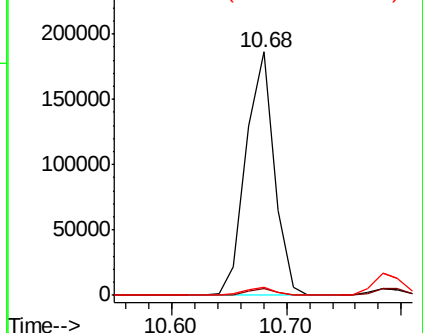
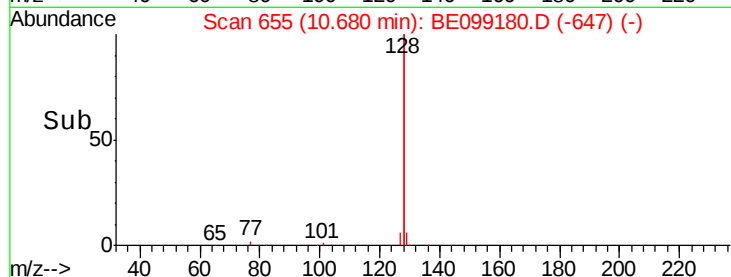
127 3.1 2.6 3.8



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: 1.756 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

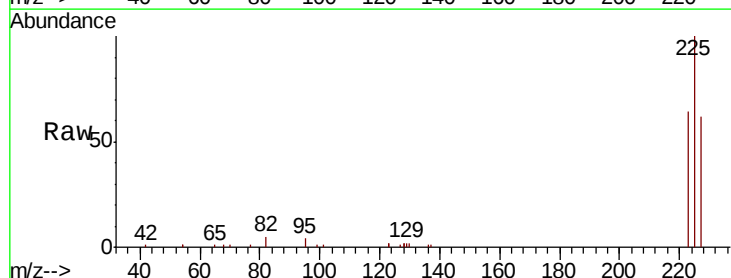
Tgt Ion:225 Resp: 16792

Ion Ratio Lower Upper

225 100

223 63.7 51.3 76.9

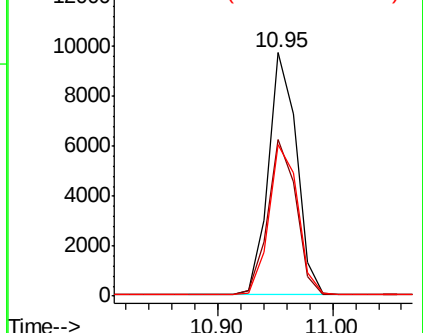
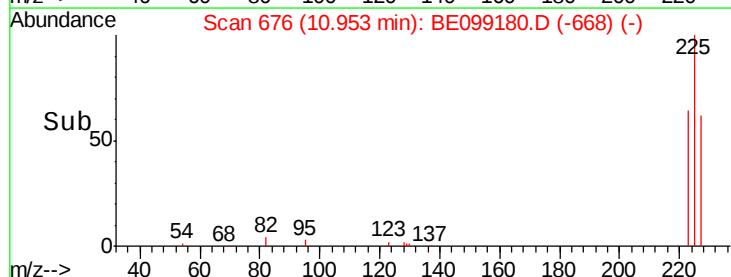
227 63.3 48.6 73.0

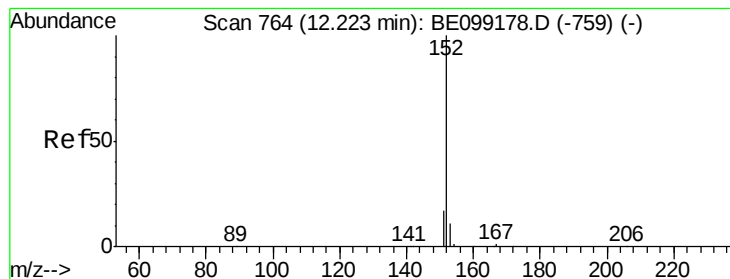


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.737 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

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ClientSampleId :

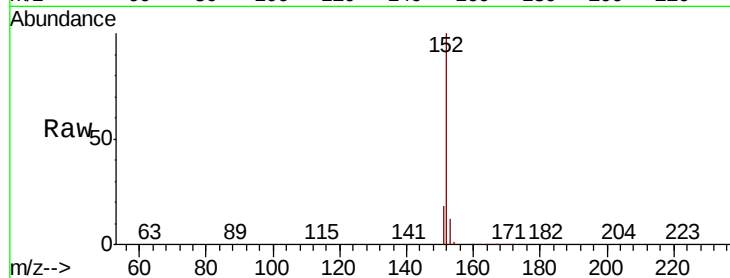
SSTDICC1.6

Tot Ion:152 Resp: 51899

Ion Ratio Lower Upper

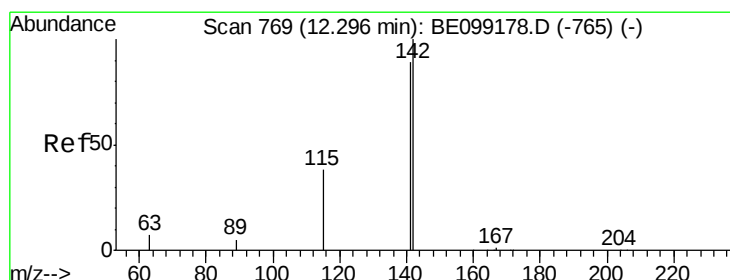
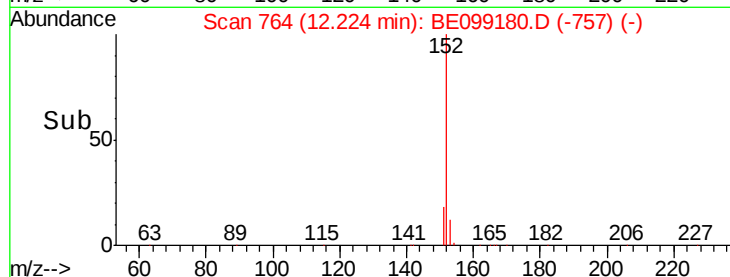
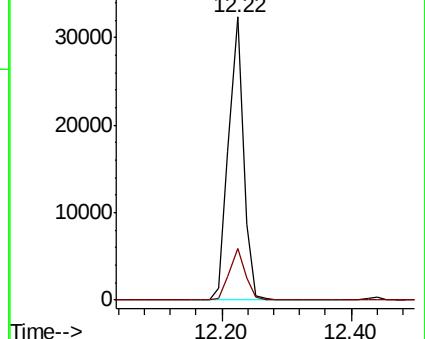
152 100

151 19.0 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 1.727 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

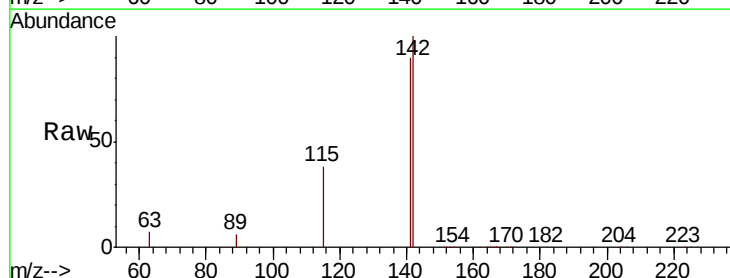
Tgt Ion:142 Resp: 57840

Ion Ratio Lower Upper

142 100

141 89.9 71.3 106.9

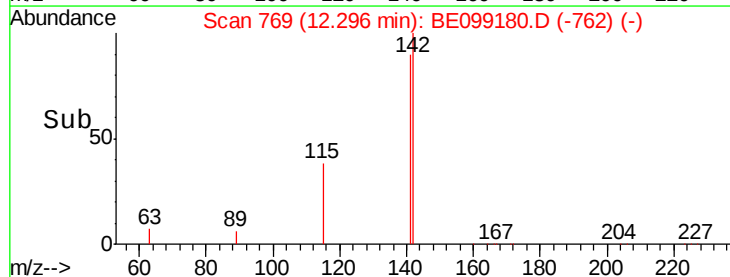
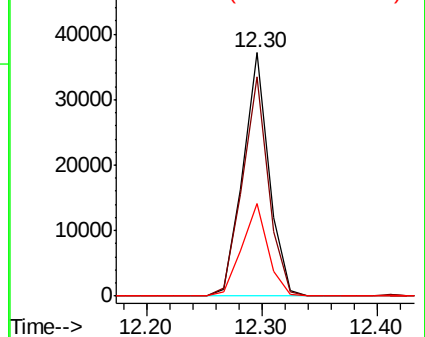
115 38.0 30.4 45.6



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

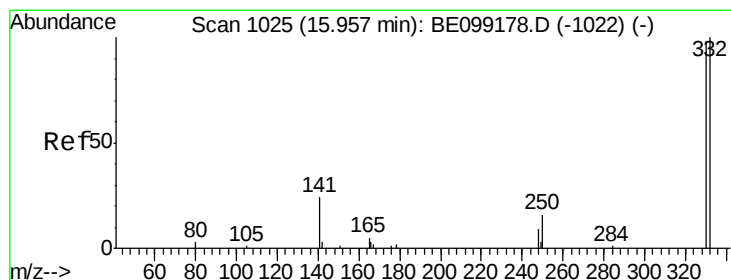
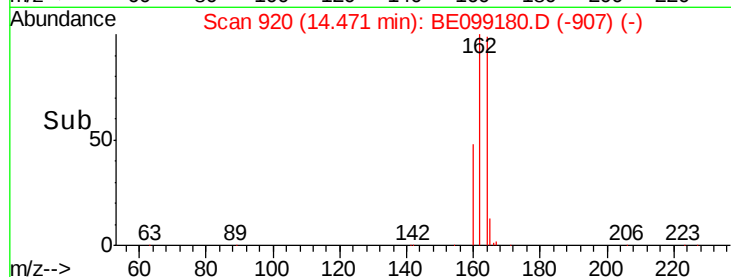
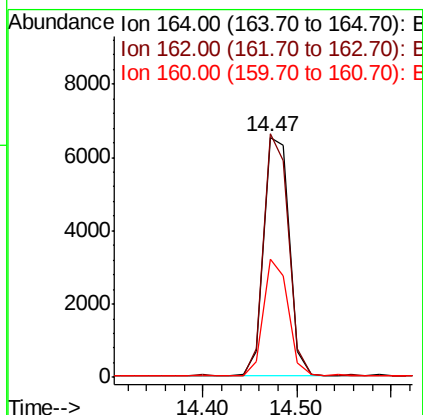
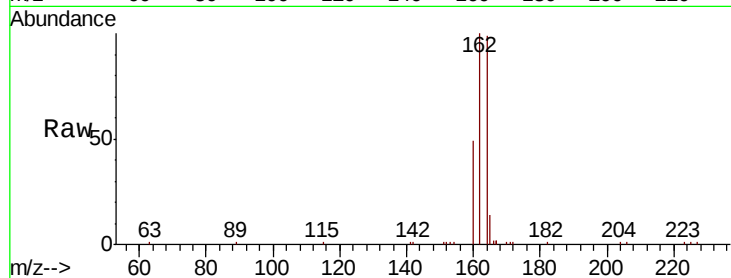




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

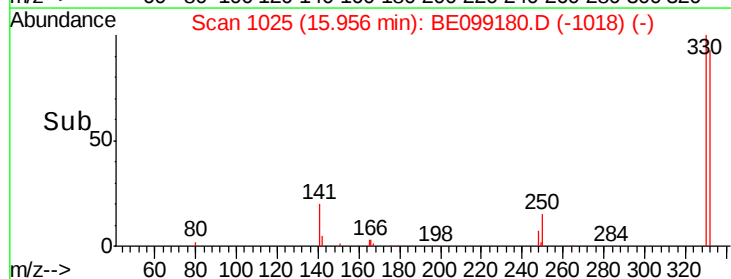
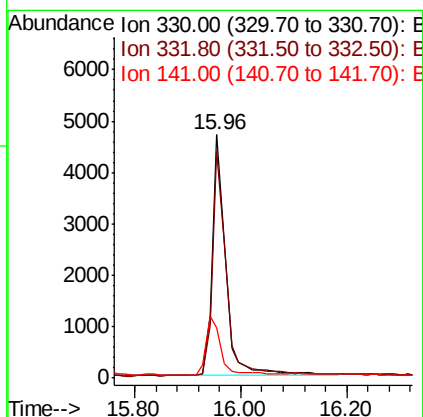
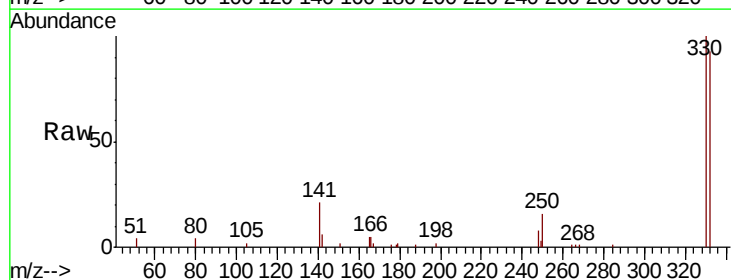
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:164 Resp: 12198
Ion Ratio Lower Upper
164 100
162 101.3 79.2 118.8
160 49.2 36.7 55.1



#14
2,4,6-Tribromophenol
Concen: 2.322 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:330 Resp: 8326
Ion Ratio Lower Upper
330 100
332 95.0 71.3 106.9
141 27.6 21.7 32.5

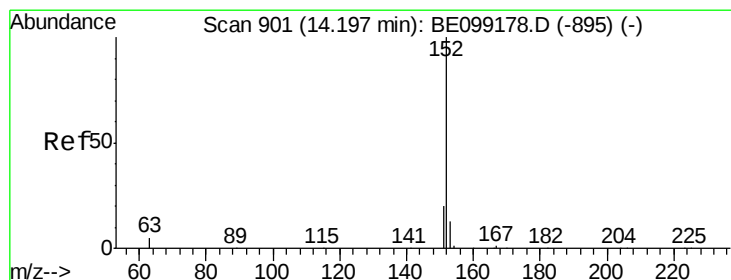
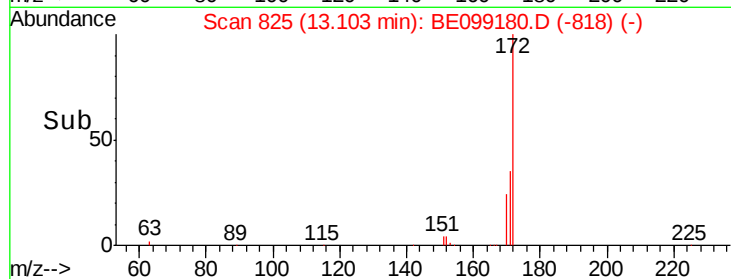
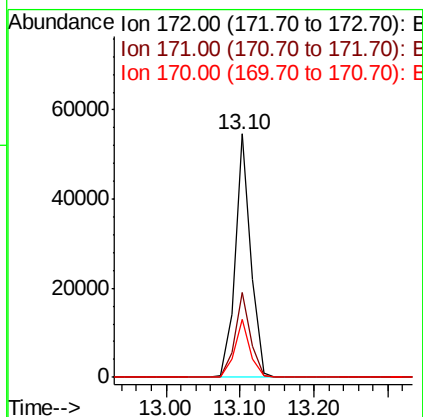
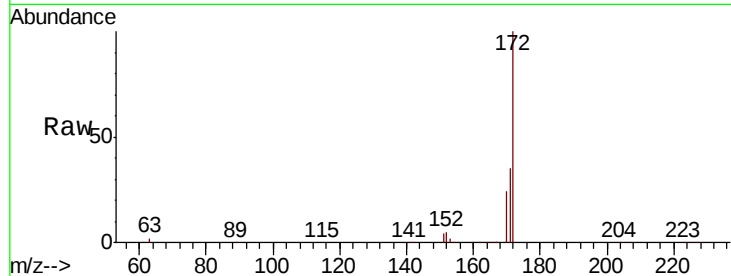




#15
2-Fluorobiphenyl
Concen: 1.639 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

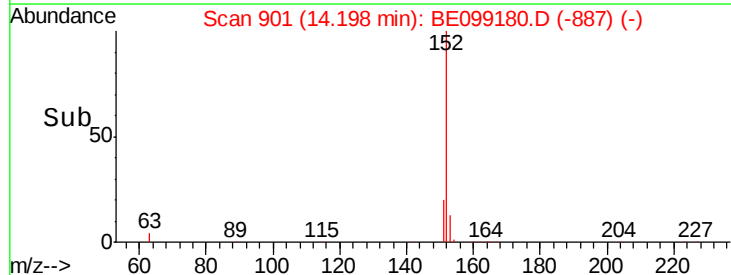
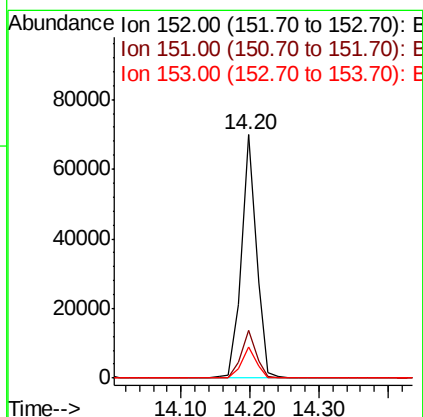
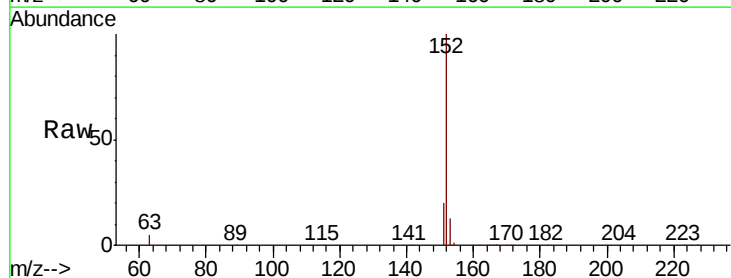
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

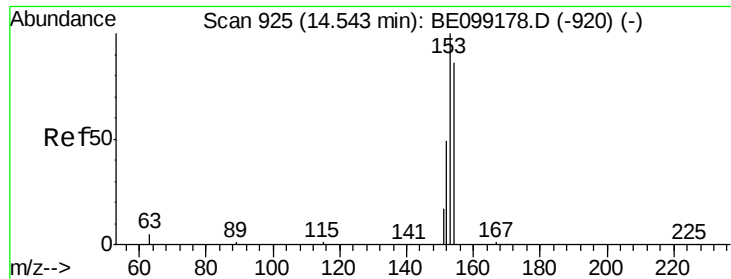
Tot Ion:172 Resp: 79499
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 24.0 19.1 28.7



#16
Acenaphthylene
Concen: 1.618 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:152 Resp: 105343
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 12.9 10.6 15.8

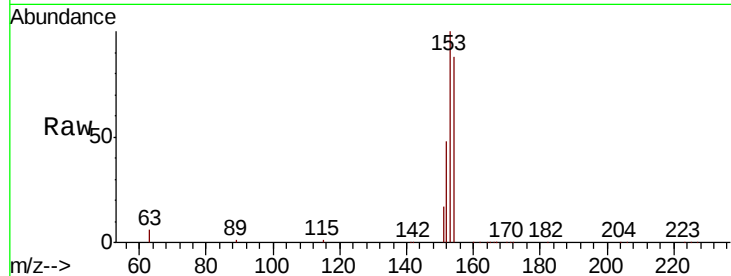




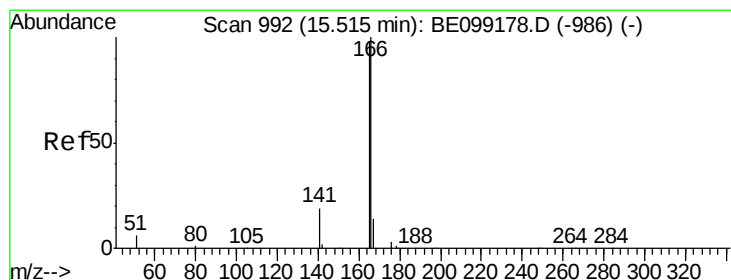
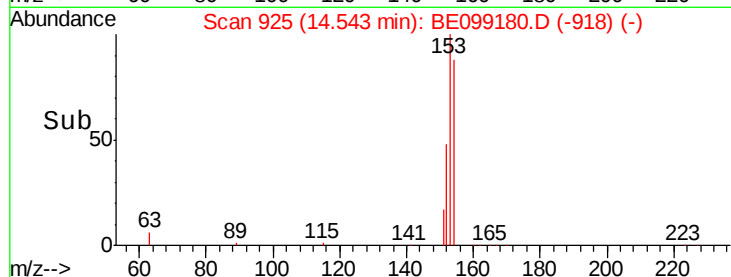
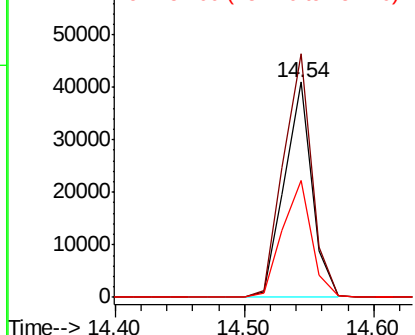
#17
Acenaphthene
Concen: 1.574 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:154 Resp: 60792
Ion Ratio Lower Upper
154 100
153 116.3 93.4 140.0
152 56.7 46.6 69.8

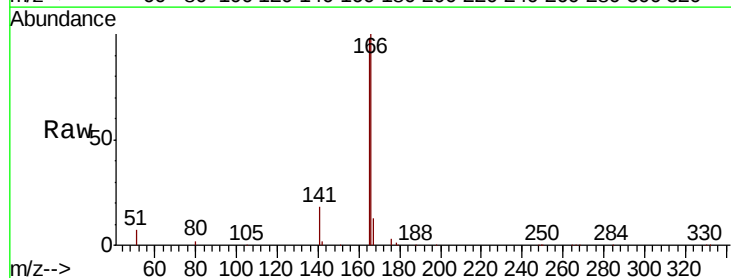


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

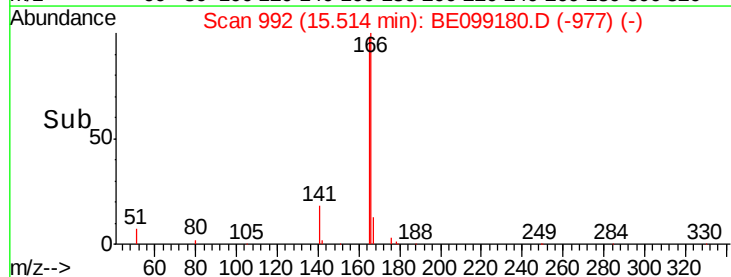
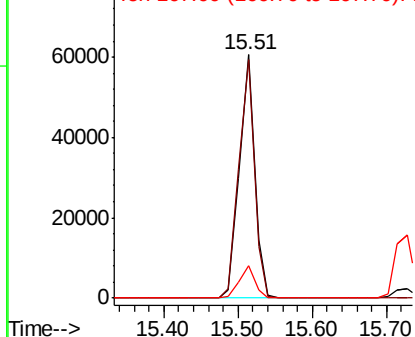


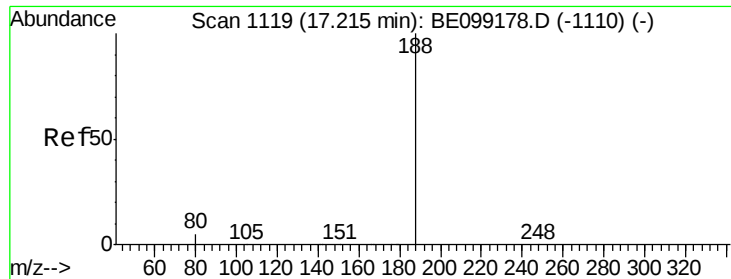
#18
Fluorene
Concen: 1.530 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:166 Resp: 86184
Ion Ratio Lower Upper
166 100
165 99.7 78.9 118.3
167 13.3 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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

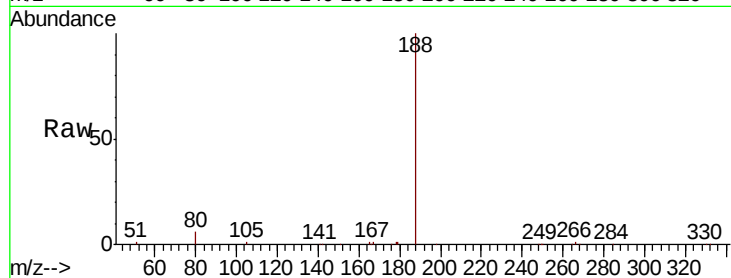
Tot Ion:188 Resp: 30438

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

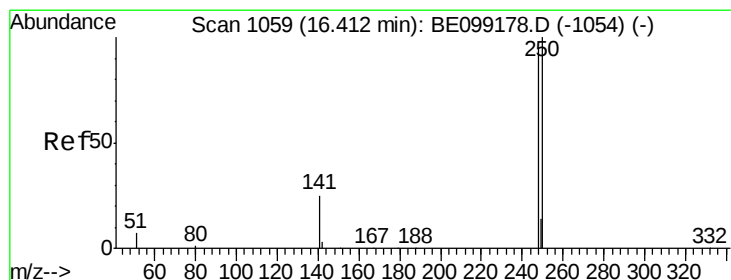
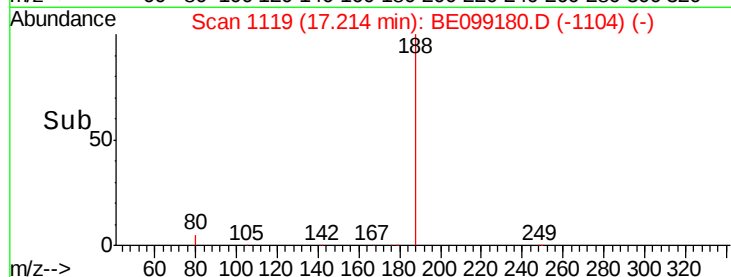
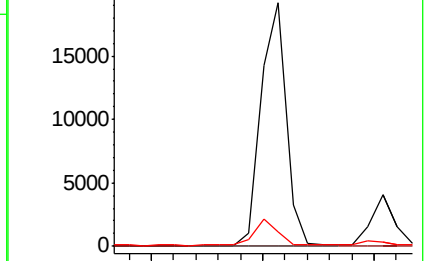
80 5.8 4.5 6.7



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: 1.954 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

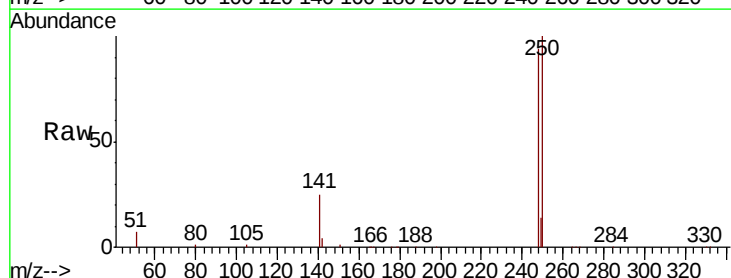
Tgt Ion:248 Resp: 32935

Ion Ratio Lower Upper

248 100

250 106.6 84.2 126.2

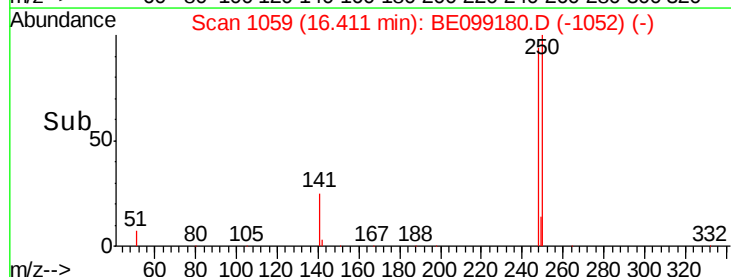
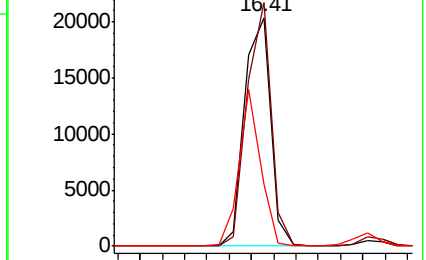
141 27.1 21.8 32.6

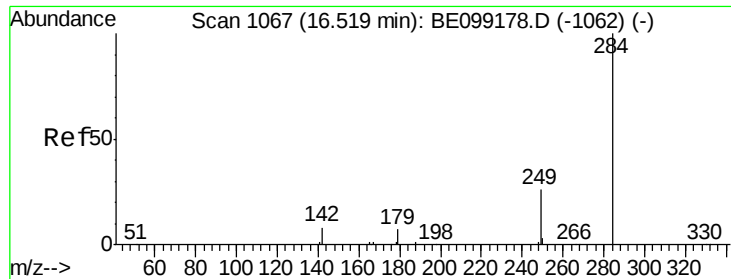


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 2.047 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

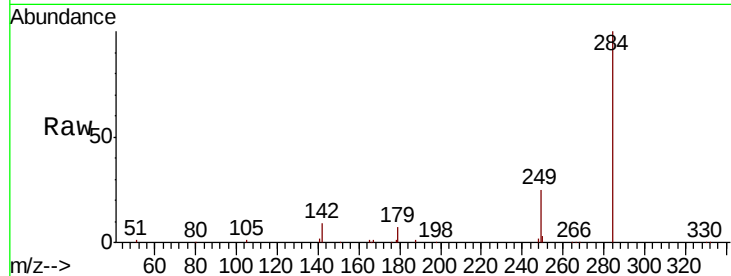
Tot Ion:284 Resp: 32039

Ion Ratio Lower Upper

284 100

142 28.4 22.7 34.1

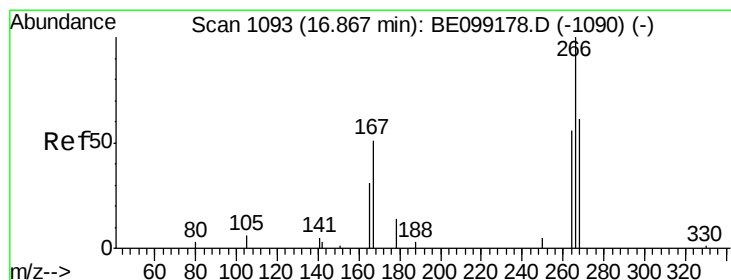
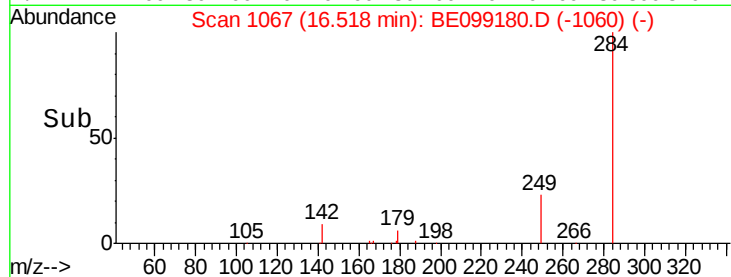
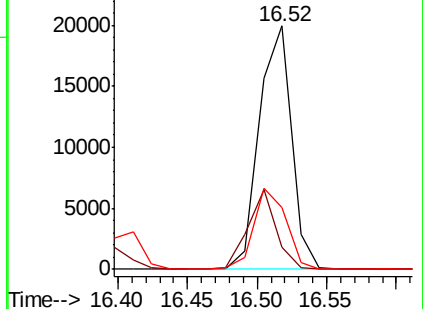
249 32.6 26.9 40.3



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: 0.892 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

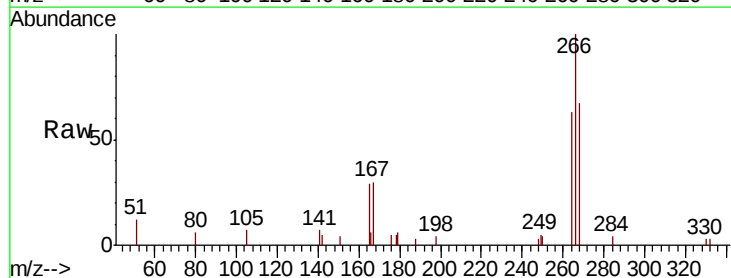
Tgt Ion:266 Resp: 4107

Ion Ratio Lower Upper

266 100

264 62.5 54.4 81.6

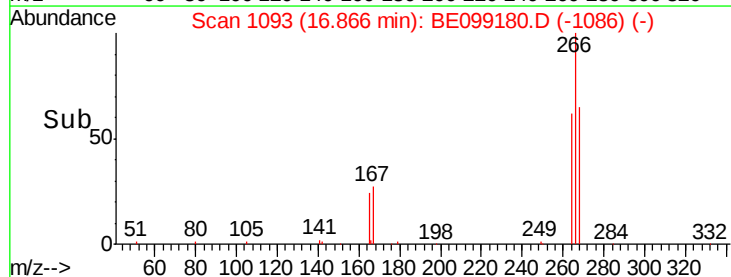
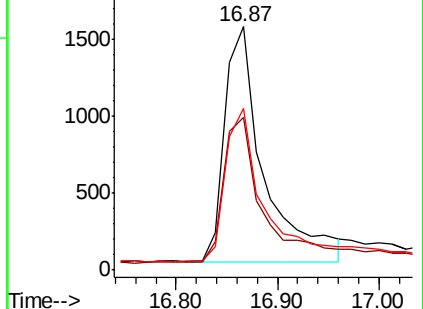
268 66.7 61.3 91.9

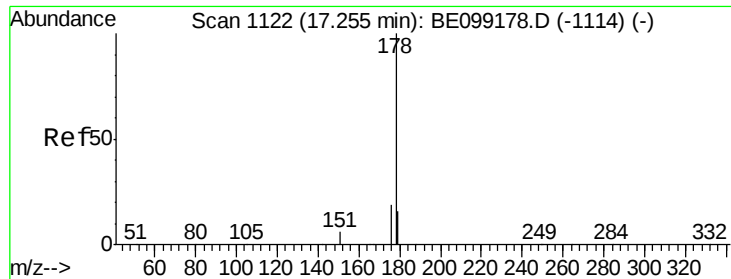


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

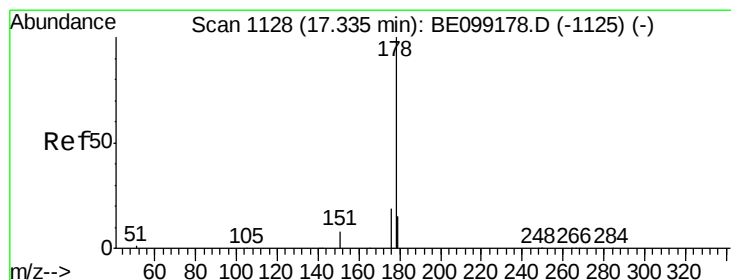
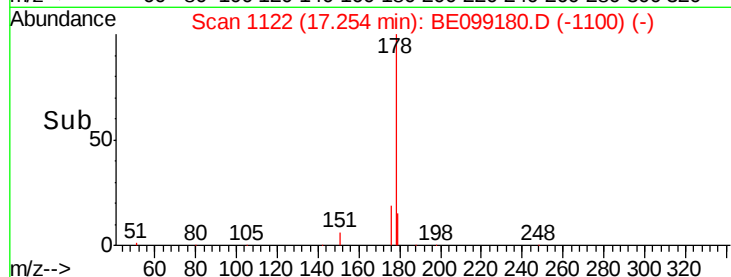
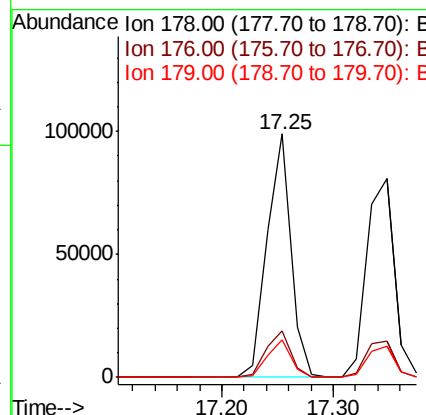
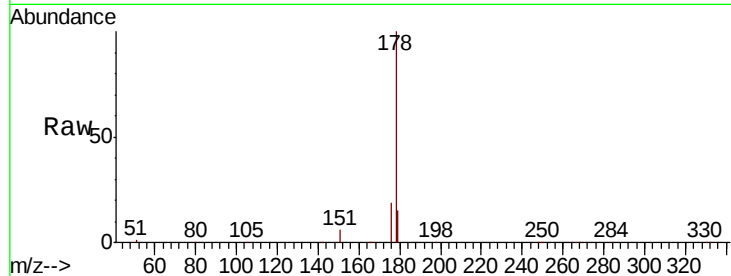




#23
Phenanthrene
Concen: 1.644 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

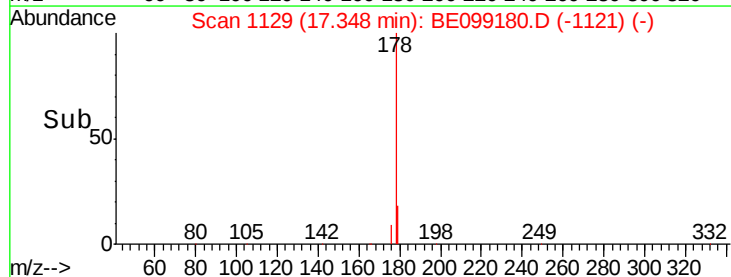
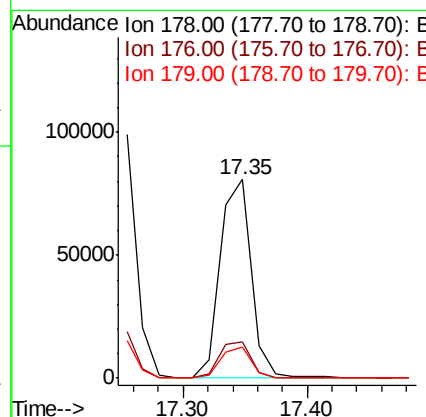
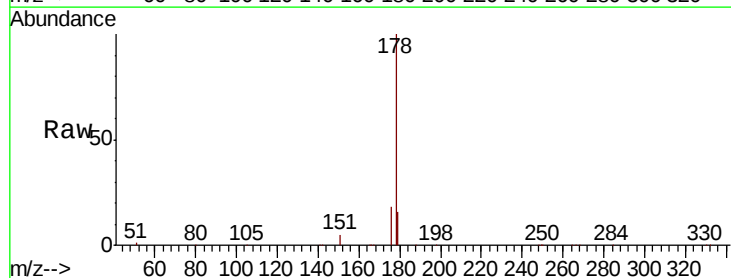
Instrument :
BNA_E
ClientSampled :
SSTDICC1.6

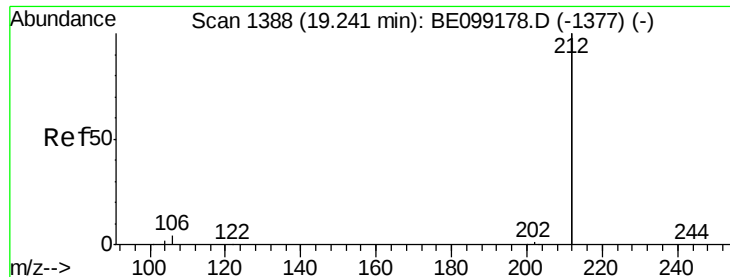
Tot Ion:178 Resp: 148615
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.2 12.3 18.5



#24
Anthracene
Concen: 1.622 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:178 Resp: 138724
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.5 12.4 18.6





#25

Fluoranthene-d10

Concen: 1.514 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

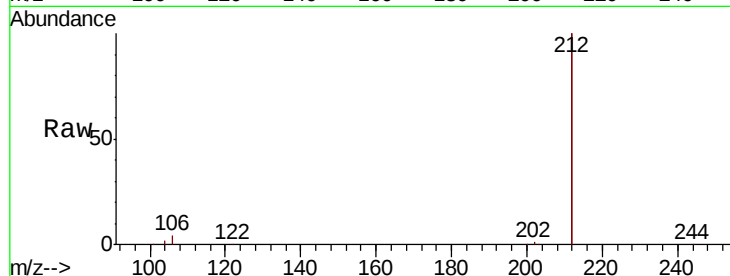
Tot Ion:212 Resp: 614977

Ion Ratio Lower Upper

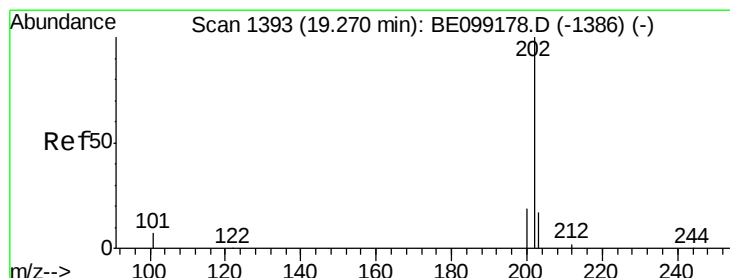
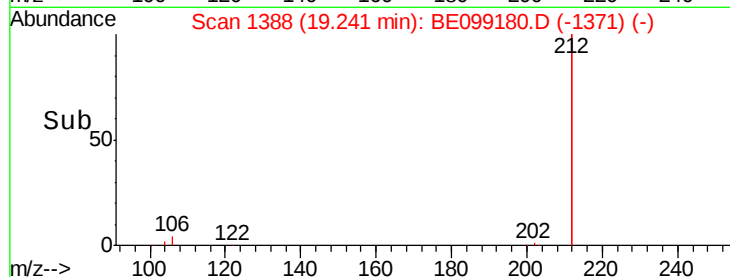
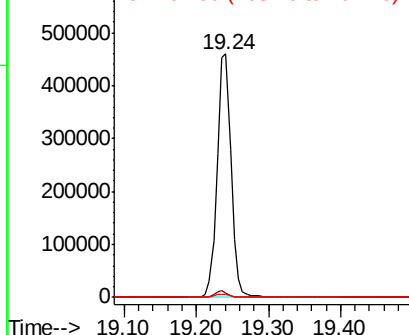
212 100

106 2.4 1.8 2.8

104 1.4 1.1 1.7



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: 1.530 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

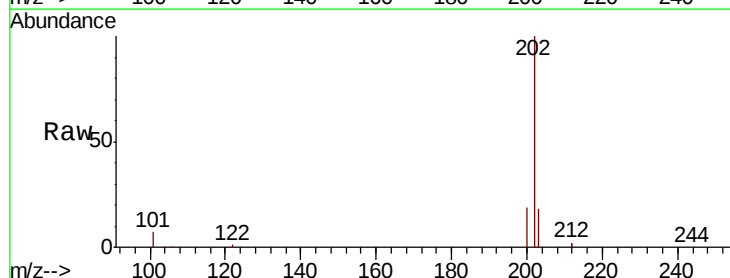
Tgt Ion:202 Resp: 194620

Ion Ratio Lower Upper

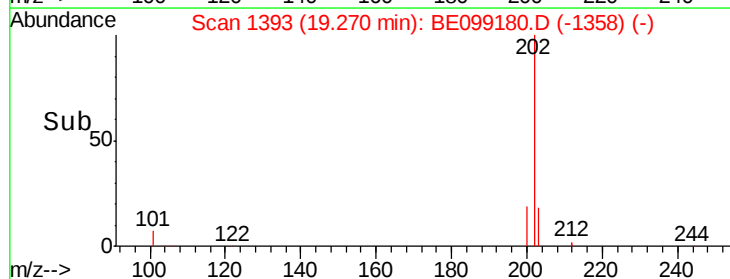
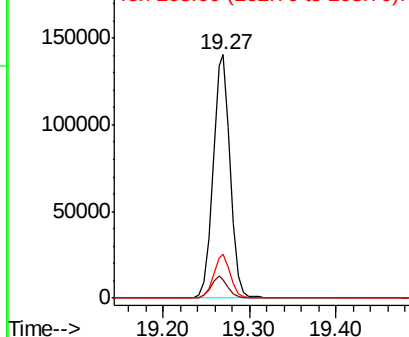
202 100

101 8.7 7.0 10.4

203 17.4 13.8 20.6



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

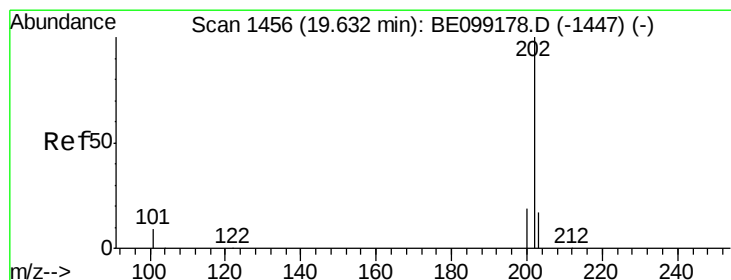
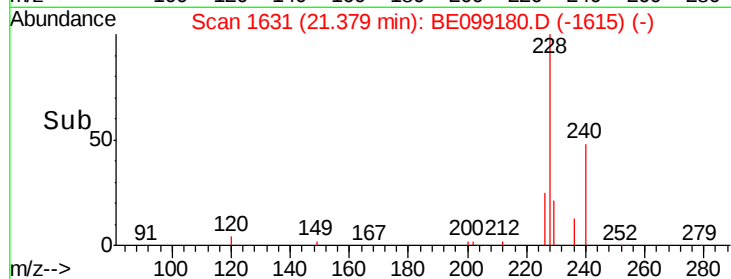
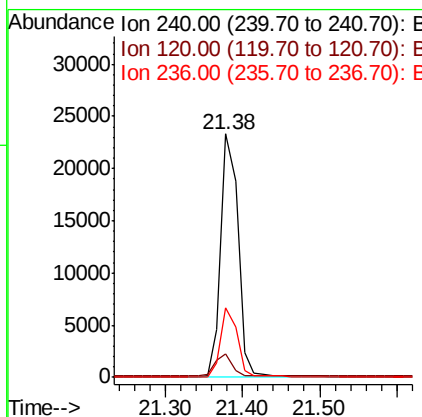
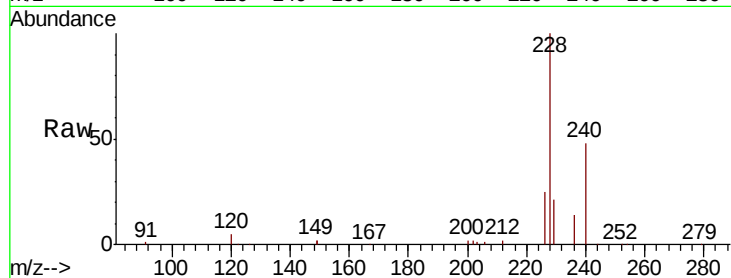




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

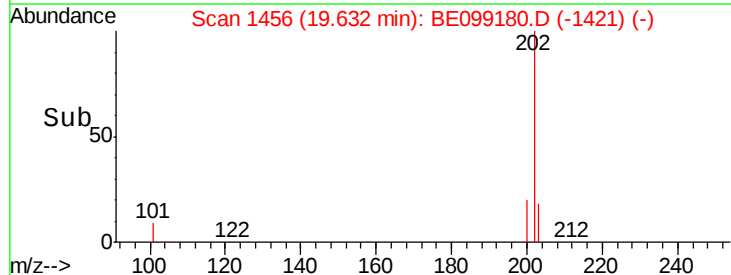
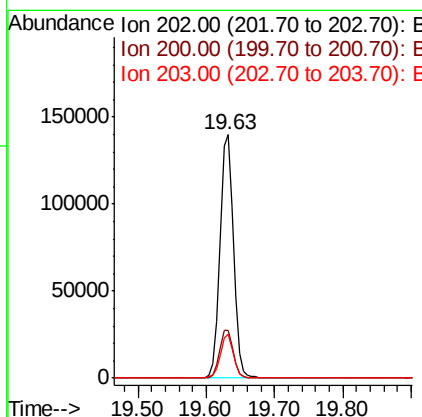
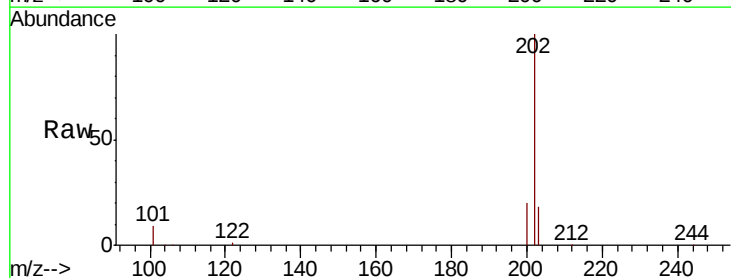
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

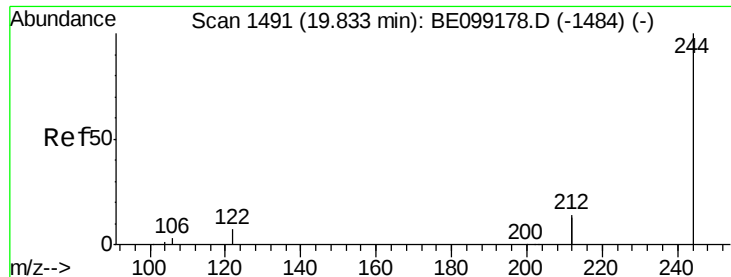
Tot Ion:240 Resp: 36381
Ion Ratio Lower Upper
240 100
120 9.7 2.6 3.8#
236 28.4 20.9 31.3



#28
Pyrene
Concen: 1.590 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:202 Resp: 196157
Ion Ratio Lower Upper
202 100
200 19.9 15.8 23.8
203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 1.666 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

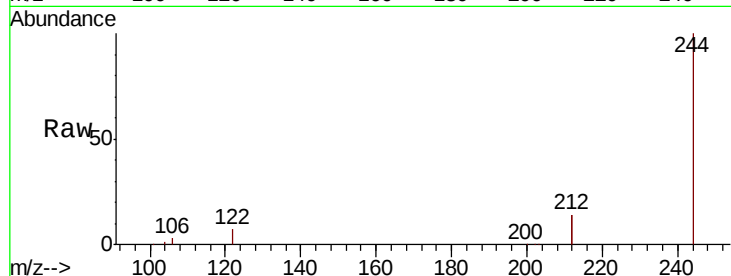
Tot Ion:244 Resp: 128275

Ion Ratio Lower Upper

244 100

212 28.4 22.7 34.1

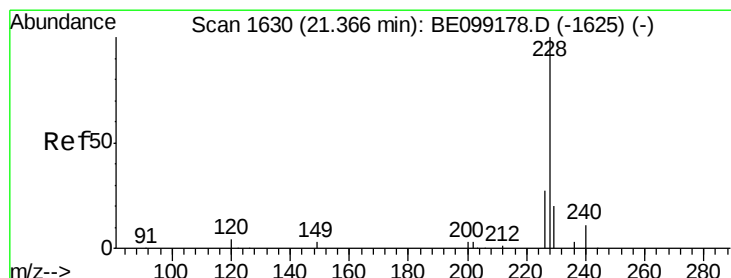
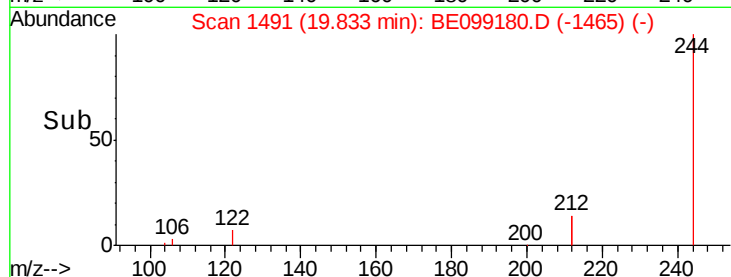
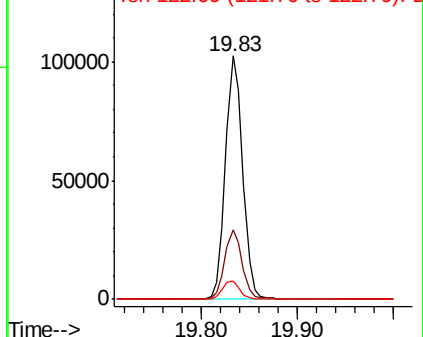
122 7.4 5.8 8.6



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: 1.564 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

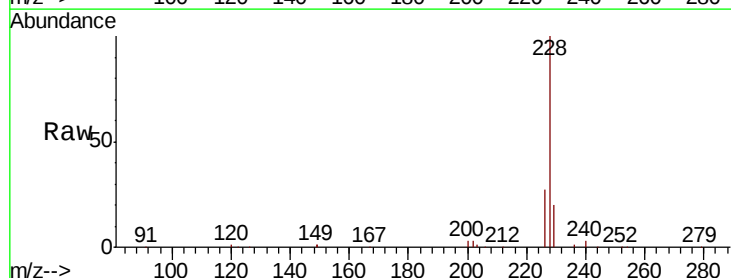
Tgt Ion:228 Resp: 200529

Ion Ratio Lower Upper

228 100

226 26.6 21.7 32.5

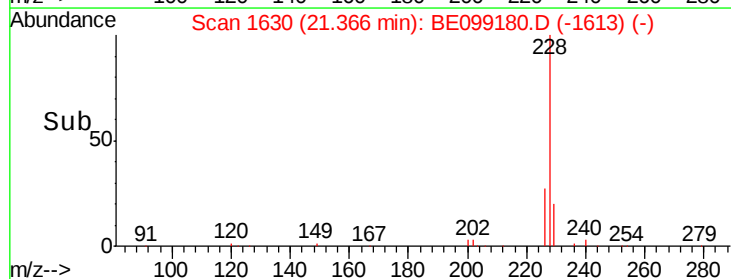
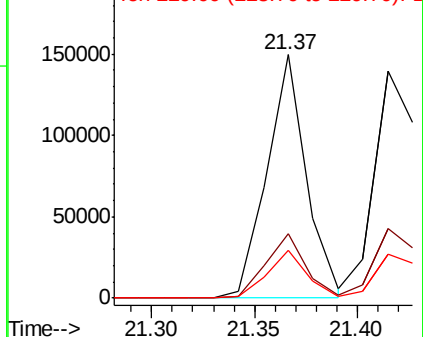
229 19.9 15.9 23.9

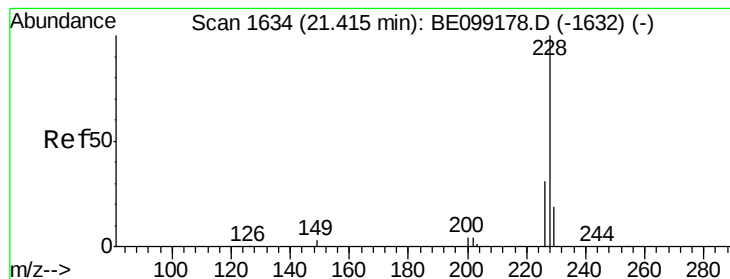


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.645 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

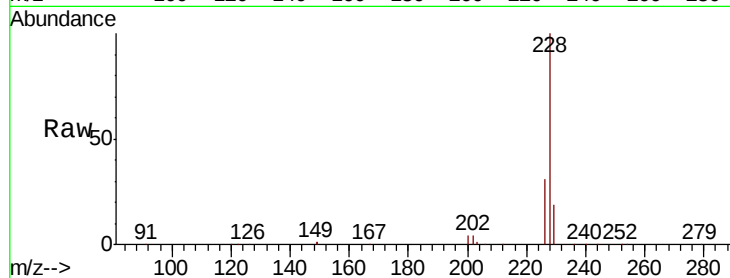
Tot Ion:228 Resp: 210692

Ion Ratio Lower Upper

228 100

226 30.8 24.8 37.2

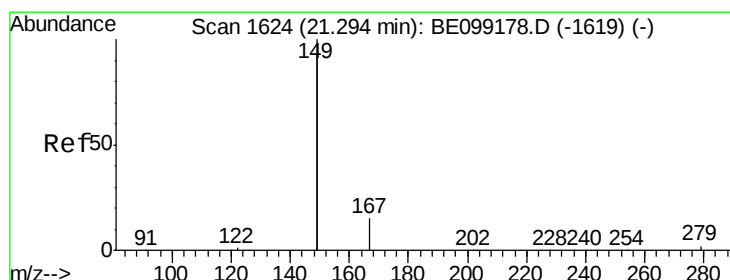
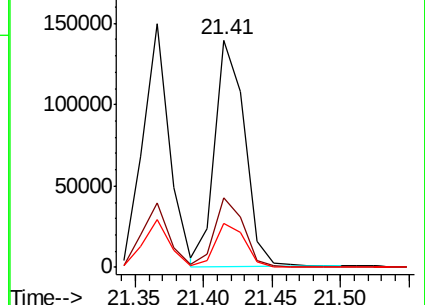
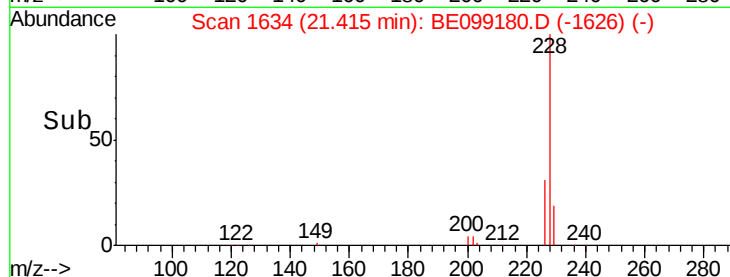
229 19.2 15.4 23.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.377 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

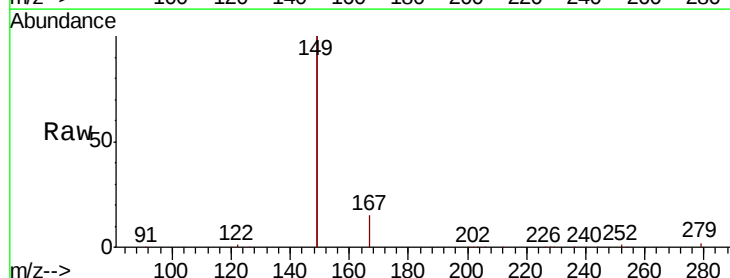
Tgt Ion:149 Resp: 229043

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

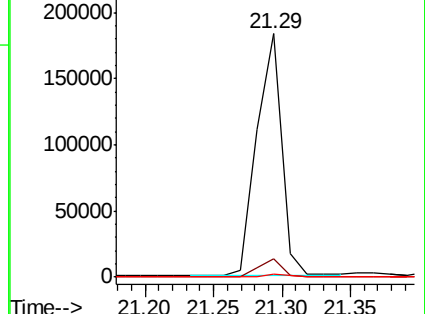
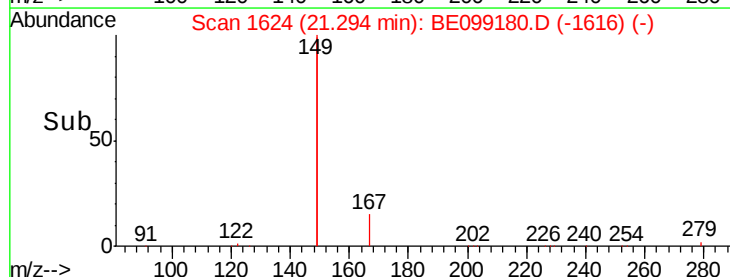
279 1.1 1.0 1.6



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

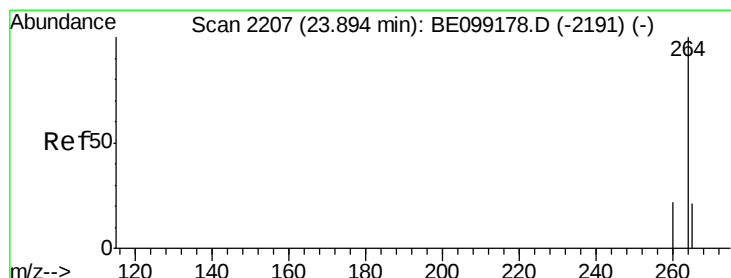
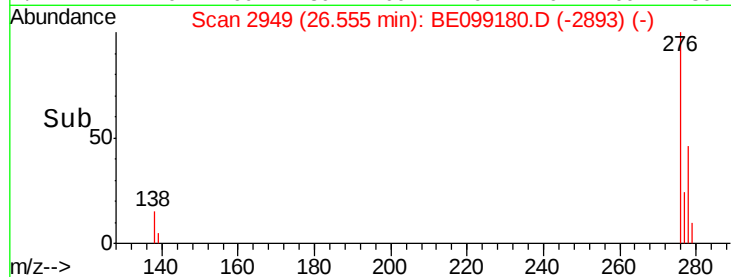
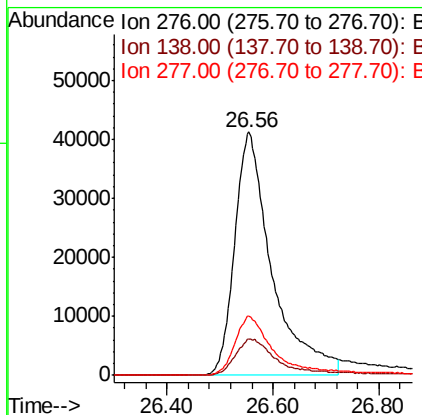
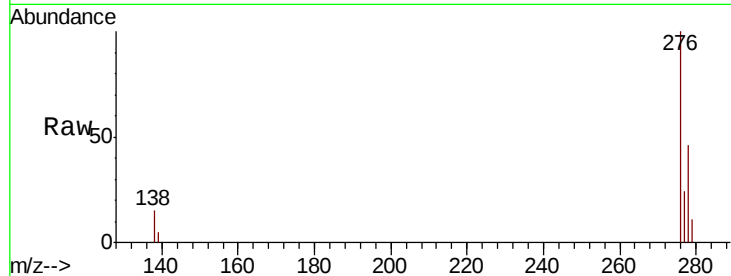




#33
Indeno(1,2,3-cd)pyrene
Concen: 1.465 ng
RT: 26.56 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

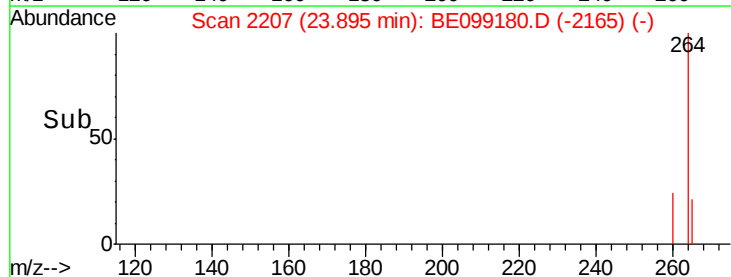
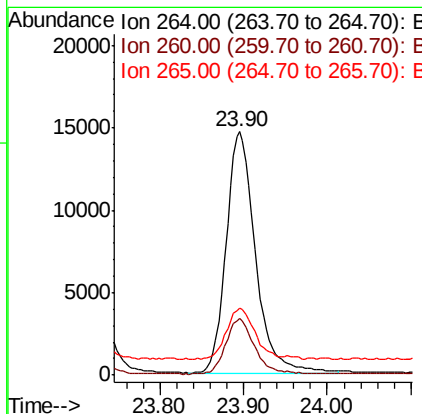
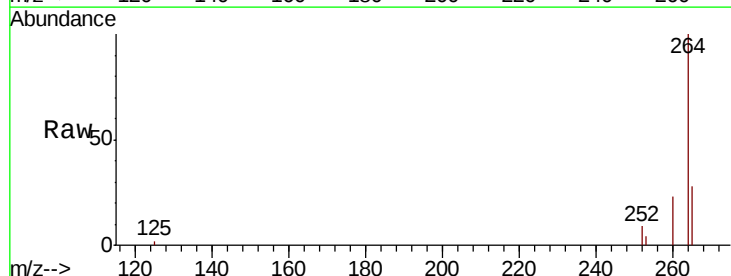
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

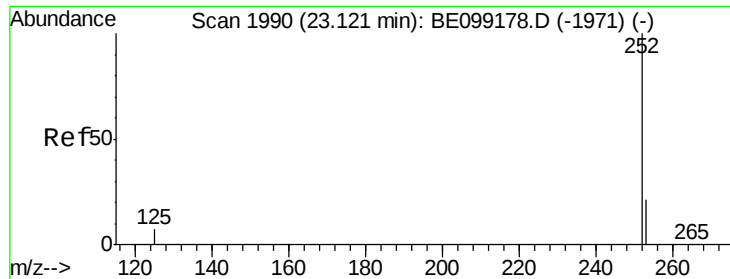
Tot Ion:276 Resp: 201780
Ion Ratio Lower Upper
276 100
138 16.2 12.9 19.3
277 24.6 18.3 27.5



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE099180.D
Acq: 25 Mar 2019 13:07

Tgt Ion:264 Resp: 35431
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.2
265 27.6 21.8 32.8





#35

Benzo(b)fluoranthene

Concen: 1.618 ng

RT: 23.12 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

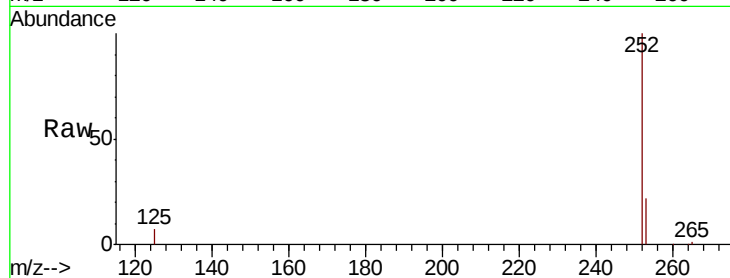
Tot Ion:252 Resp: 198351

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

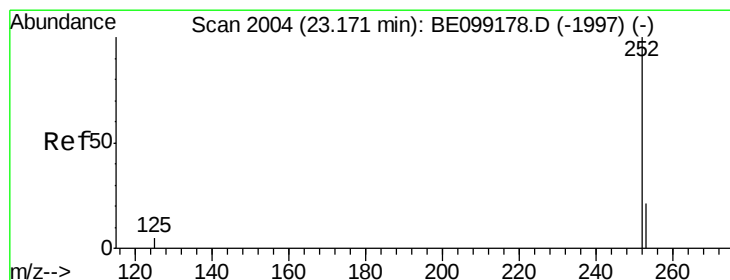
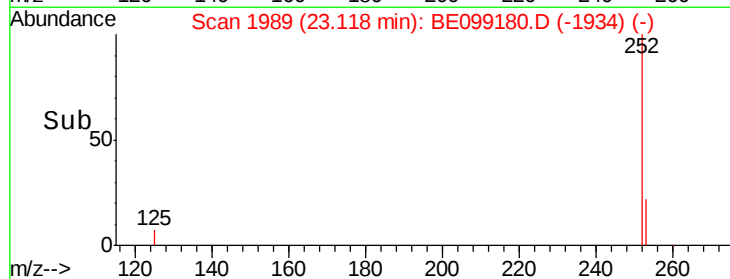
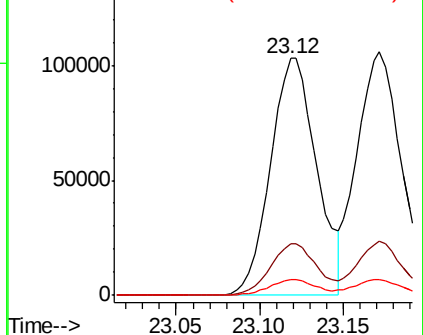
125 6.8 6.1 9.1



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: 1.716 ng

RT: 23.17 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

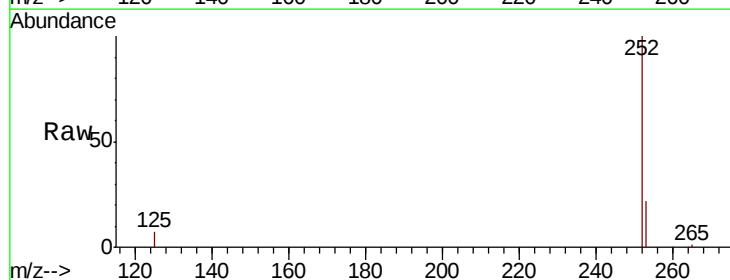
Tgt Ion:252 Resp: 206091

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

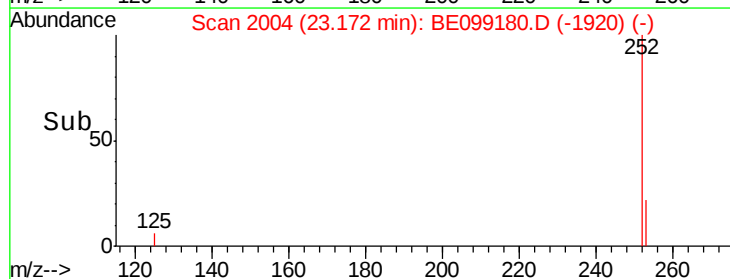
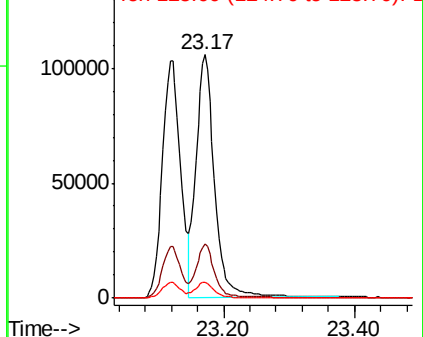
125 6.6 5.9 8.9



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: 1.622 ng

RT: 23.78 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

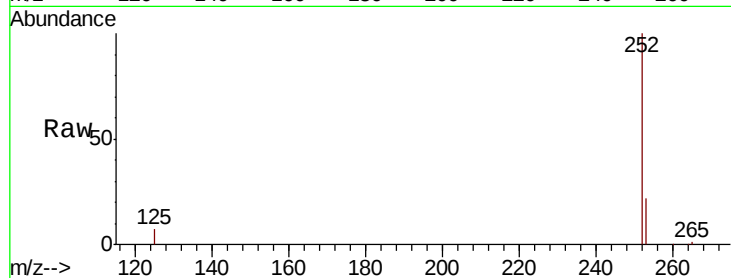
Tot Ion:252 Resp: 183776

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

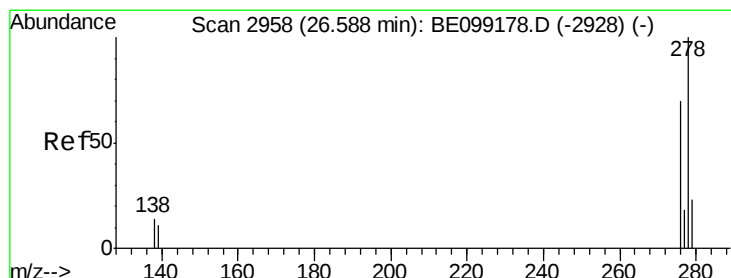
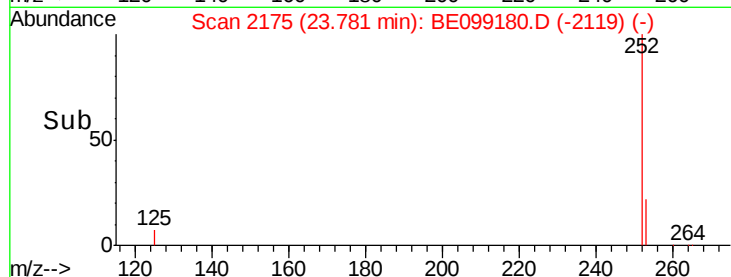
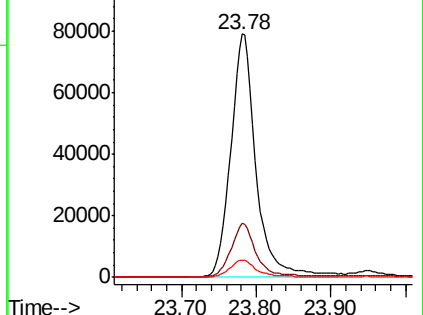
125 7.2 6.8 10.2



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: 1.529 ng

RT: 26.58 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

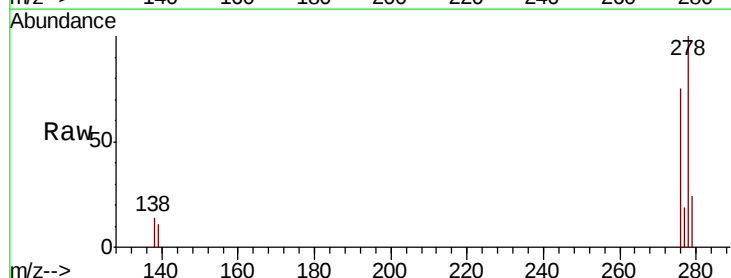
Tgt Ion:278 Resp: 168470

Ion Ratio Lower Upper

278 100

139 10.6 9.5 14.3

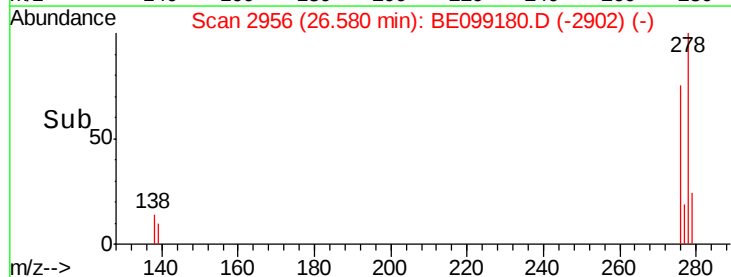
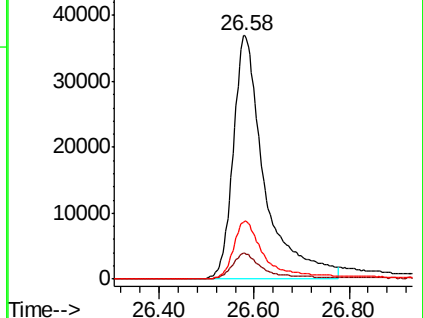
279 23.8 19.1 28.7

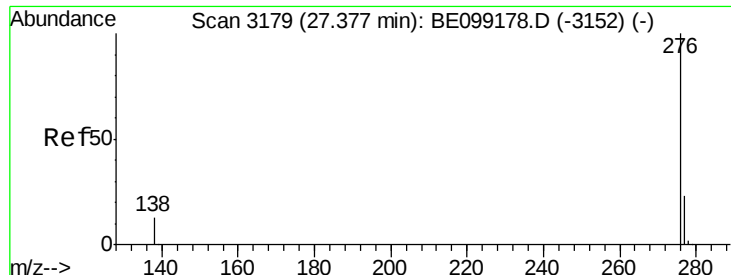


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 1.480 ng

RT: 27.38 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BE099180.D

Acq: 25 Mar 2019 13:07

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

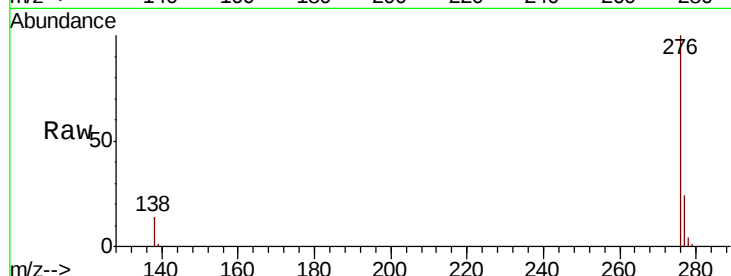
Tot Ion: 276 Resp: 167502

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 14.2 11.1 16.7



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

