

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099852.D
 Acq On : 7 Jun 2019 14:40
 Operator : JU/SJ
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Quant Time: Jun 07 15:16:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 14:26:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	606	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2195	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	1627	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5457	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	10511	0.40	ng	-0.01
34) Perylene-d12	23.94	264	11689	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	9213	6.25	ng	0.00
5) Phenol-d6	6.95	99	12285	6.48	ng	-0.01
8) Nitrobenzene-d5	8.95	82	11963	6.20	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	20077	5.33	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	8374	8.82	ng	-0.02
15) 2-Fluorobiphenyl	13.09	172	31081	5.14	ng	-0.02
25) Fluoranthene-d10	19.25	212	442588	5.46	ng	0.00
29) Terphenyl-d14	19.85	244	93836	5.44	ng	0.00

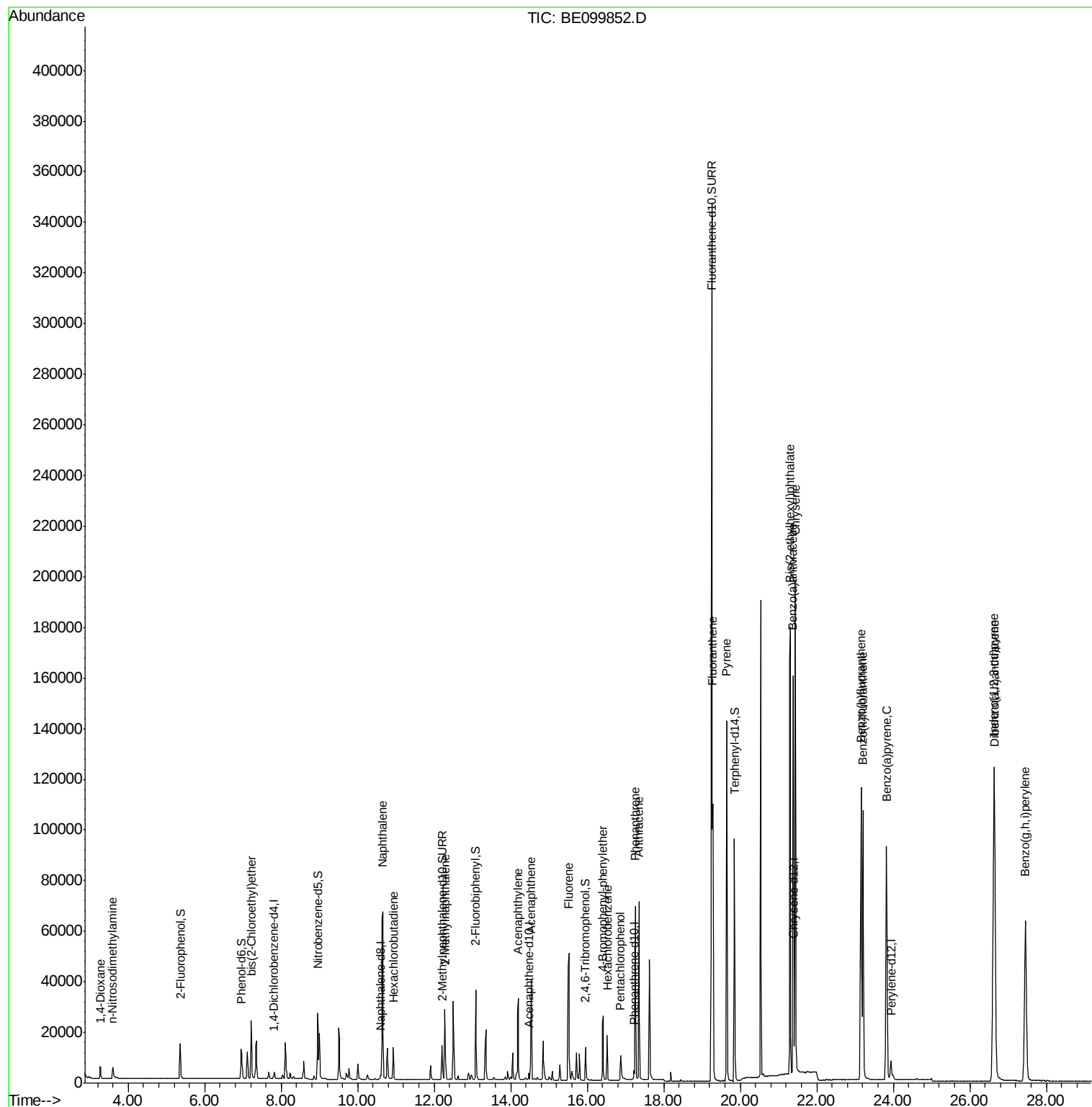
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	4024	4.578	ng	99
3) n-Nitrosodimethylamine	3.59	42	2926	6.277	ng	# 88
6) bis(2-Chloroethyl)ether	7.22	93	9357	5.628	ng	100
9) Naphthalene	10.65	128	120731	5.152	ng	98
10) Hexachlorobutadiene	10.93	225	8769	4.912	ng	98
12) 2-Methylnaphthalene	12.28	142	21059	5.636	ng	95
16) Acenaphthylene	14.20	152	42086	5.361	ng	99
17) Acenaphthene	14.53	154	23099	5.376	ng	97
18) Fluorene	15.52	166	35130	5.551	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	16174	5.312	ng	# 78
21) Hexachlorobenzene	16.52	284	15950	4.779	ng	96
22) Pentachlorophenol	16.87	266	8773	14.273	ng	# 79
23) Phenanthrene	17.26	178	69958	5.372	ng	99
24) Anthracene	17.35	178	70431	5.984	ng	99
26) Fluoranthene	19.28	202	123524	5.413	ng	99
28) Pyrene	19.64	202	131671	5.186	ng	100
30) Benzo(a)anthracene	21.38	228	169735	5.845	ng	98
31) Chrysene	21.44	228	165141	5.146	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	242530	7.275	ng	100
33) Indeno(1,2,3-cd)pyrene	26.62	276	204375	5.316	ng	98
35) Benzo(b)fluoranthene	23.15	252	166230	5.137	ng	# 95
36) Benzo(k)fluoranthene	23.20	252	162358	4.726	ng	98
37) Benzo(a)pyrene	23.82	252	159170	5.074	ng	# 91
38) Dibenzo(a,h)anthracene	26.65	278	168659	5.285	ng	# 97
39) Benzo(g,h,i)perylene	27.45	276	167029	4.982	ng	98

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.01 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

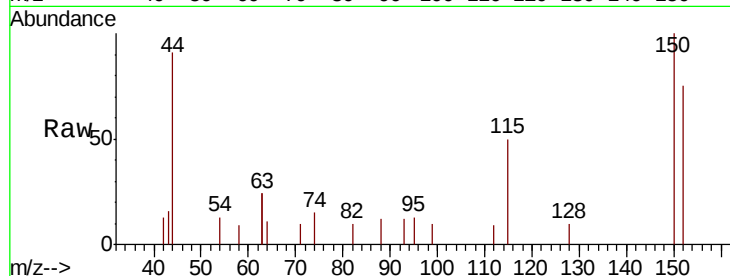
Tot Ion:152 Resp: 606

Ion Ratio Lower Upper

152 100

150 133.9 112.8 169.2

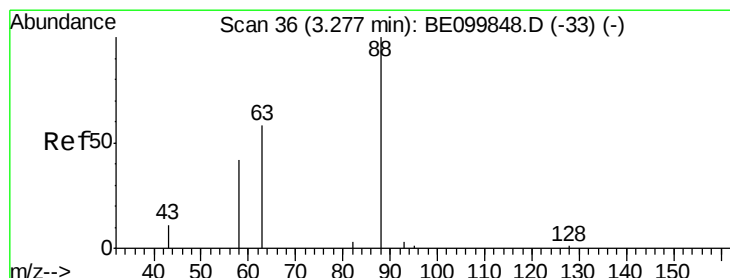
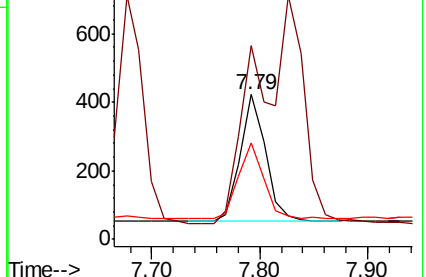
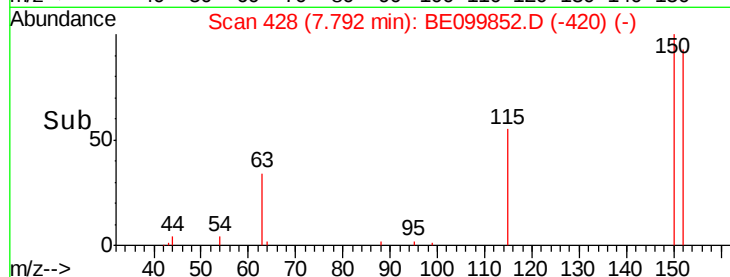
115 66.6 47.6 71.4



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: 4.578 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.00 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

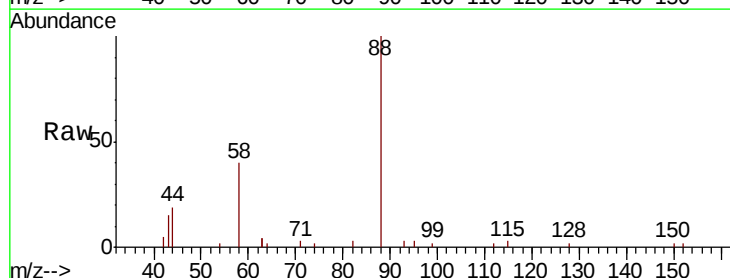
Tgt Ion: 88 Resp: 4024

Ion Ratio Lower Upper

88 100

58 58.1 47.3 70.9

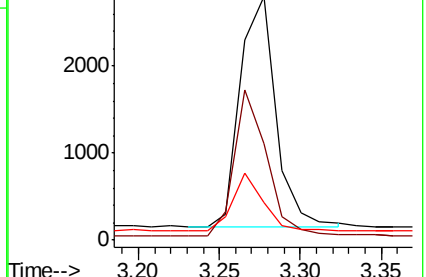
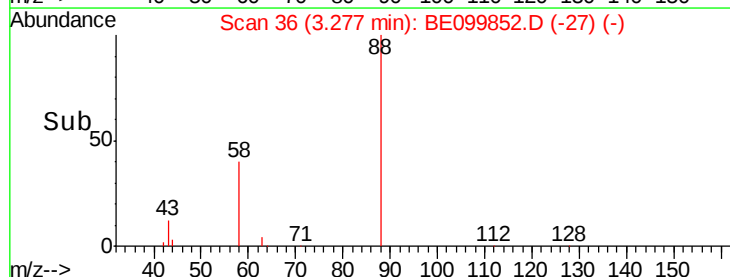
43 22.0 18.2 27.4



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: 6.277 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.02 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

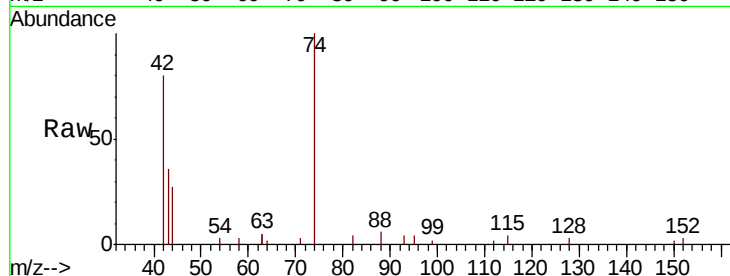
Tot Ion: 42 Resp: 2926

Ion Ratio Lower Upper

42 100

74 181.4 132.6 198.8

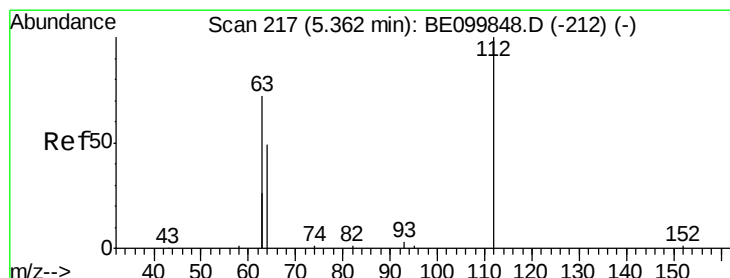
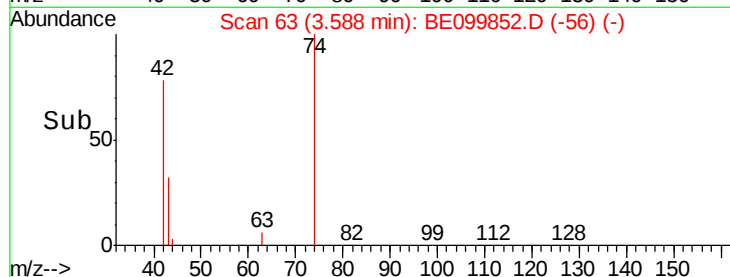
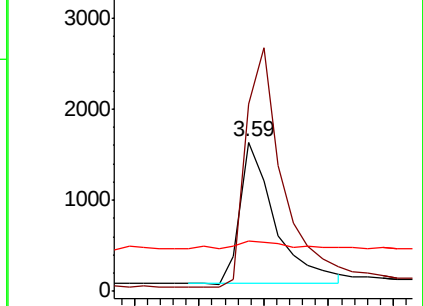
44 8.3 13.4 20.0#



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: 6.246 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.00 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

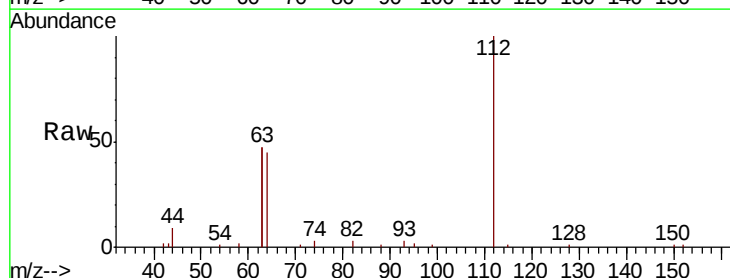
Tgt Ion: 112 Resp: 9213

Ion Ratio Lower Upper

112 100

64 54.7 47.2 70.8

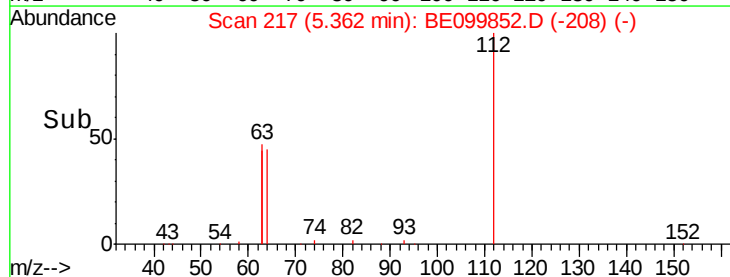
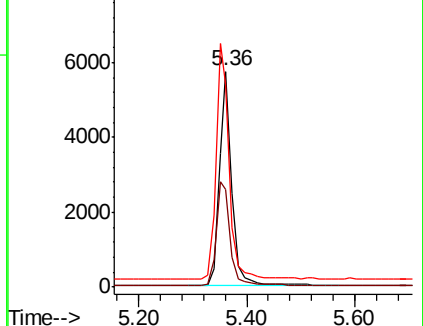
63 117.5 90.7 136.1

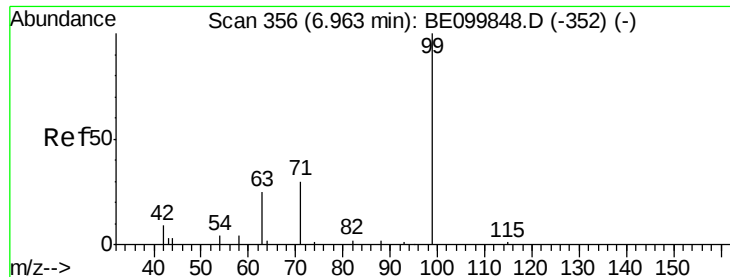


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.478 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

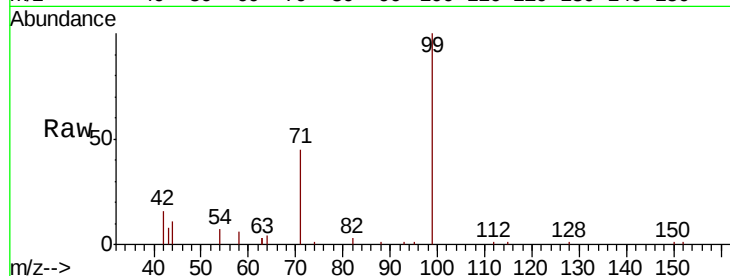
Tot Ion: 99 Resp: 12285

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.4

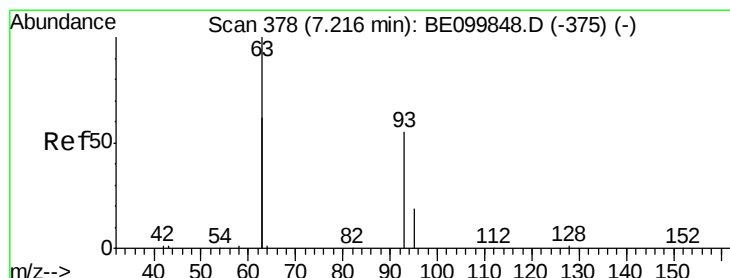
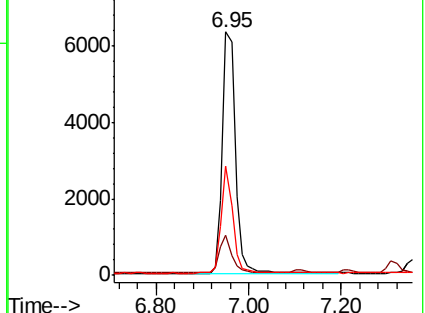
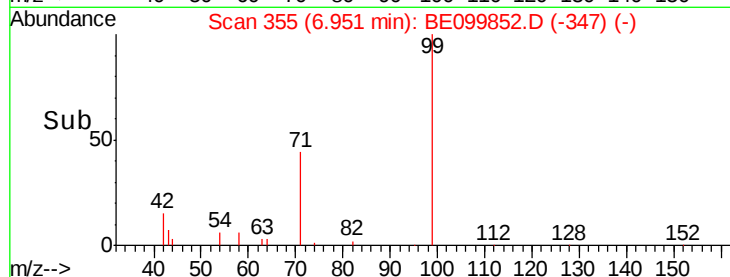
71 38.5 26.1 39.1



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: 5.628 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.01 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

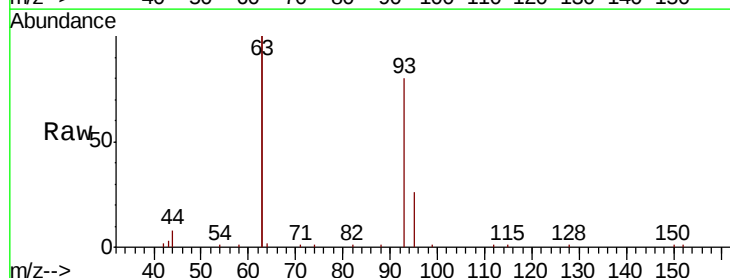
Tgt Ion: 93 Resp: 9357

Ion Ratio Lower Upper

93 100

63 261.0 208.8 313.2

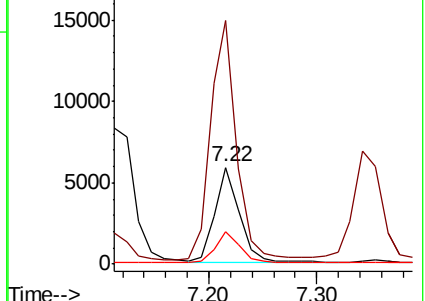
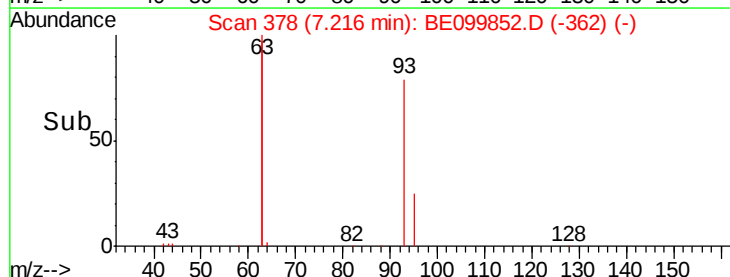
95 32.1 27.6 41.4

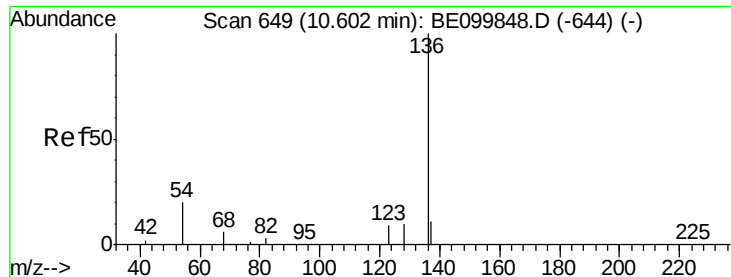


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 2195

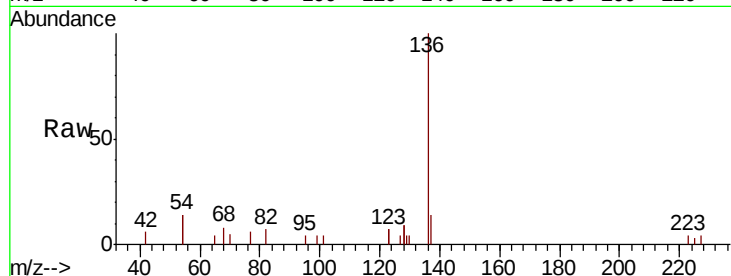
Ion Ratio Lower Upper

136 100

137 14.2 11.1 16.7

54 27.9 17.9 26.9#

68 7.6 5.4 8.0

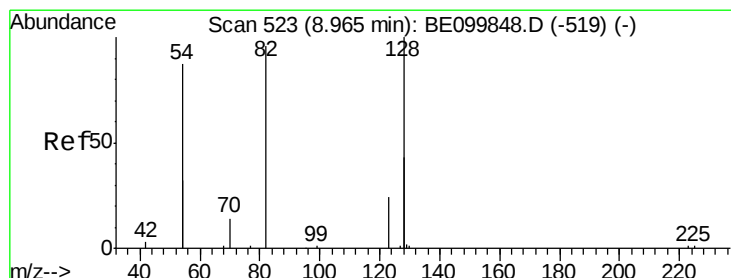
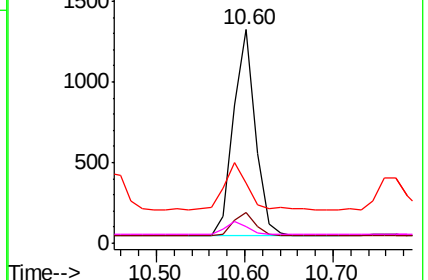
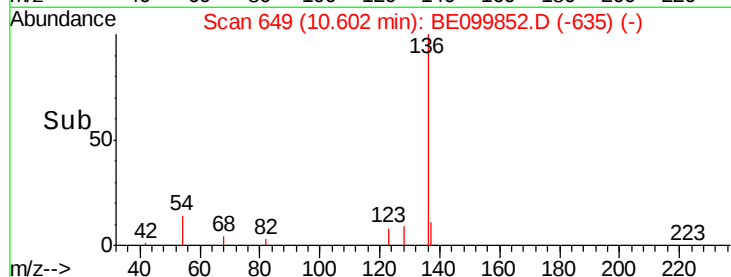


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.204 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

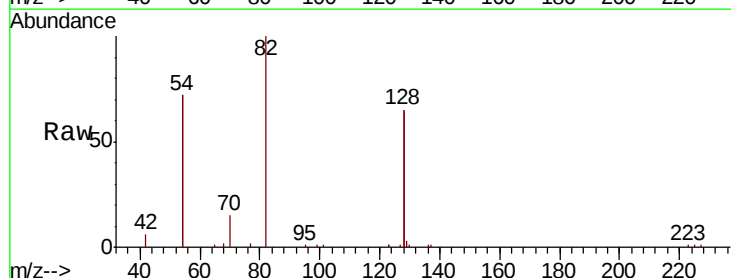
Tgt Ion: 82 Resp: 11963

Ion Ratio Lower Upper

82 100

128 130.7 116.6 175.0

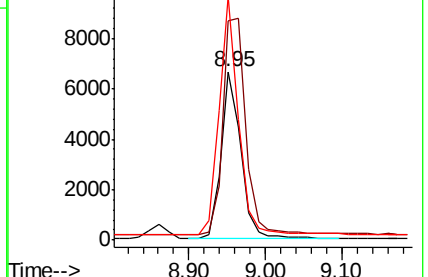
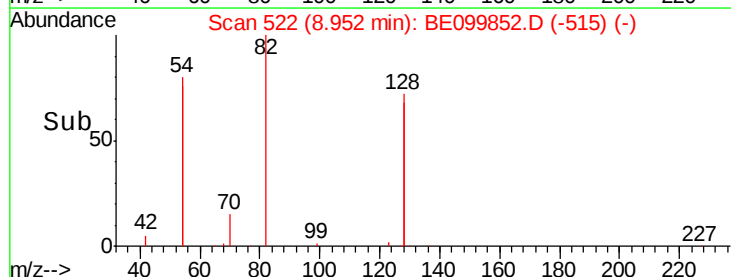
54 144.8 136.2 204.4

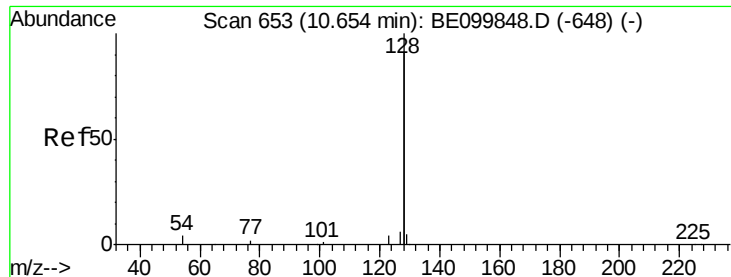


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 5.152 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

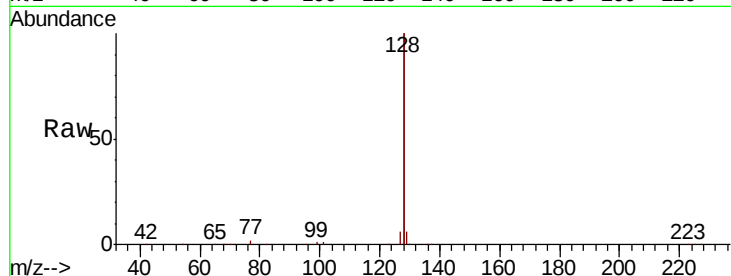
Tot Ion:128 Resp: 120731

Ion Ratio Lower Upper

128 100

129 2.8 2.6 4.0

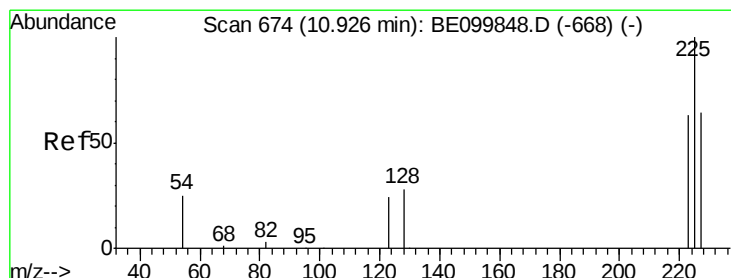
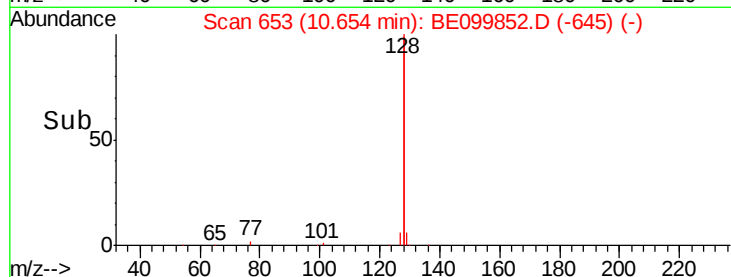
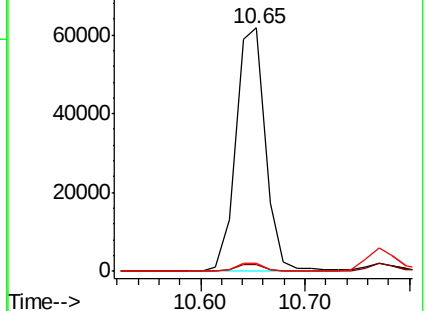
127 3.2 3.0 4.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 4.912 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

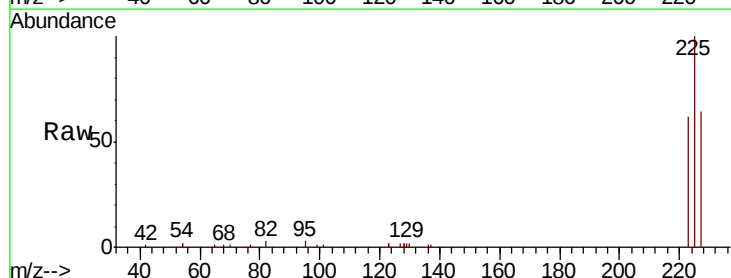
Tgt Ion:225 Resp: 8769

Ion Ratio Lower Upper

225 100

223 62.7 48.6 72.8

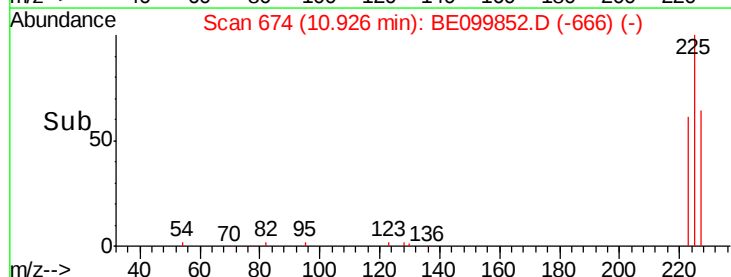
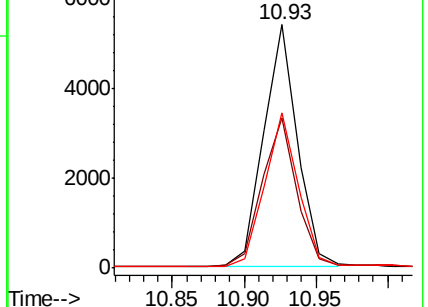
227 63.4 51.6 77.4

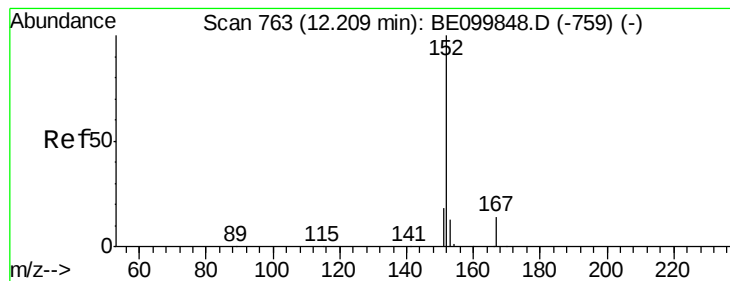


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

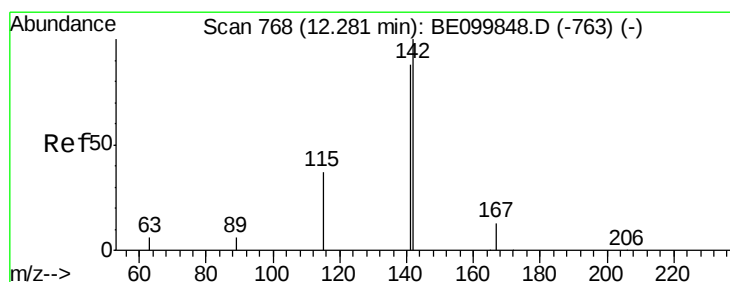
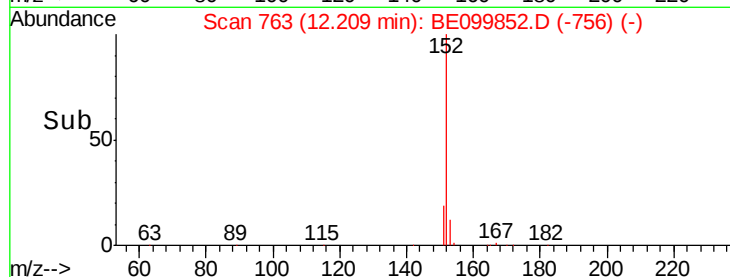
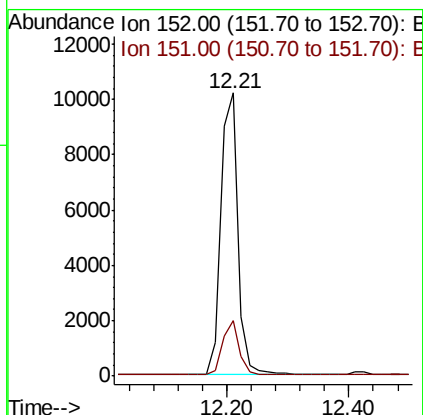
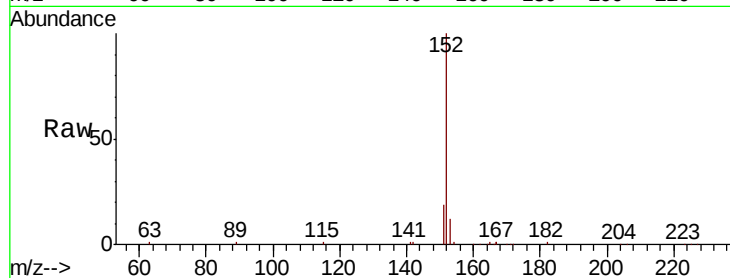




#11
 2-Methylnaphthalene-d10
 Concen: 5.327 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE099852.D
 Acq: 7 Jun 2019 14:40

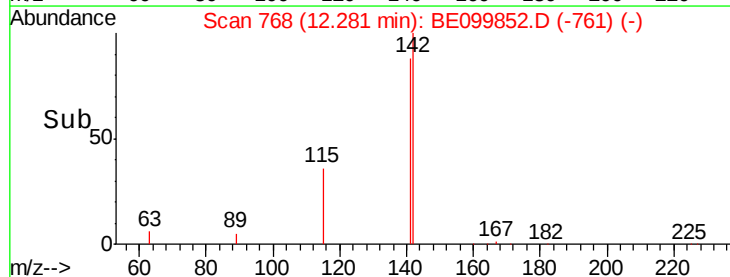
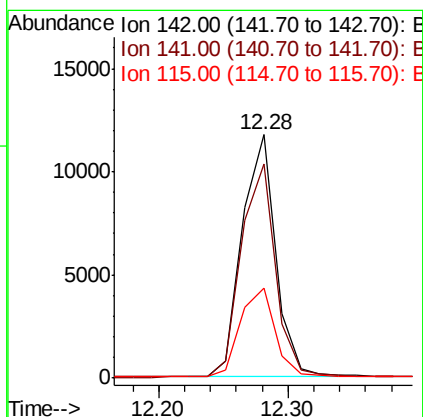
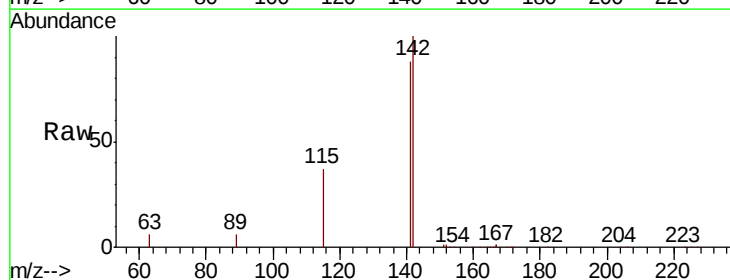
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

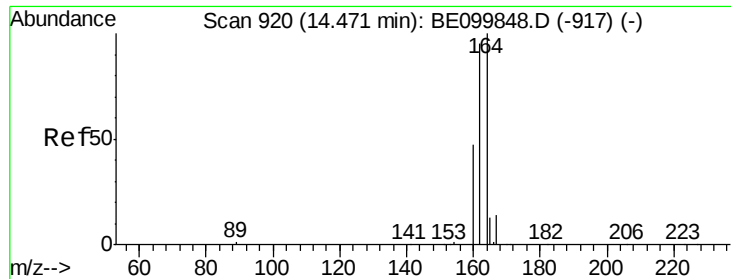
Tot Ion:152 Resp: 20077
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 5.636 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE099852.D
 Acq: 7 Jun 2019 14:40

Tgt Ion:142 Resp: 21059
 Ion Ratio Lower Upper
 142 100
 141 87.9 73.3 109.9
 115 36.8 33.4 50.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

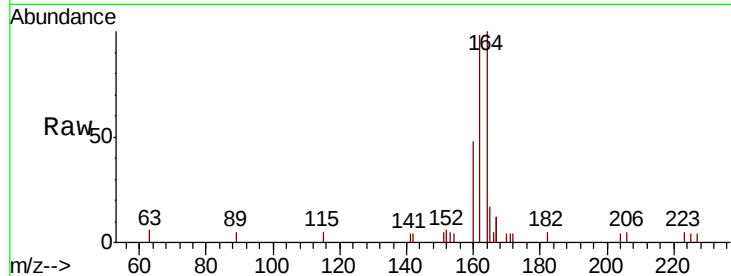
Tot Ion:164 Resp: 1627

Ion Ratio Lower Upper

164 100

162 98.4 77.2 115.8

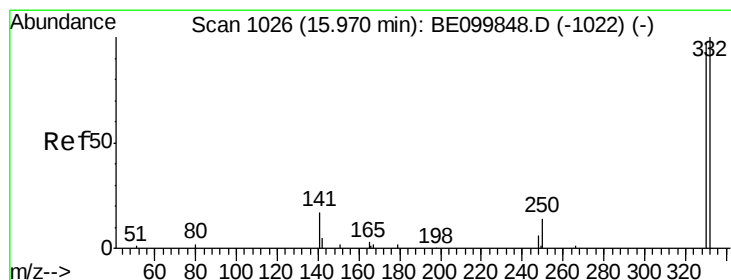
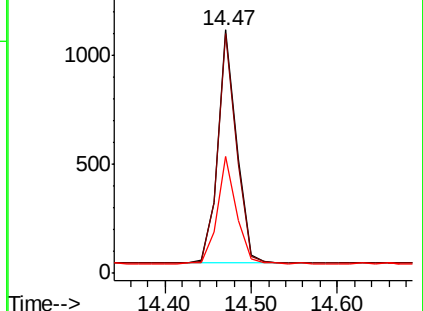
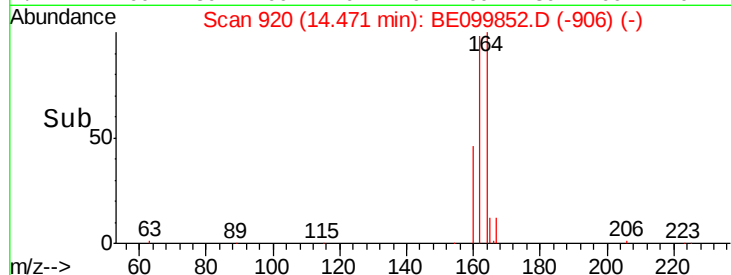
160 48.1 39.4 59.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 8.818 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

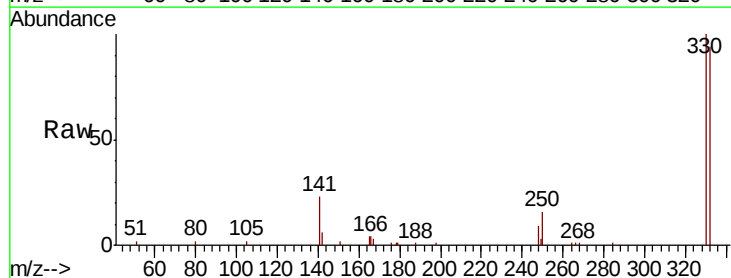
Tgt Ion:330 Resp: 8374

Ion Ratio Lower Upper

330 100

332 96.1 74.9 112.3

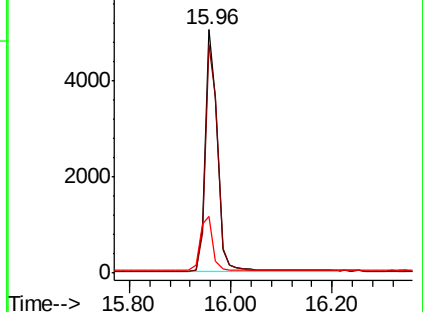
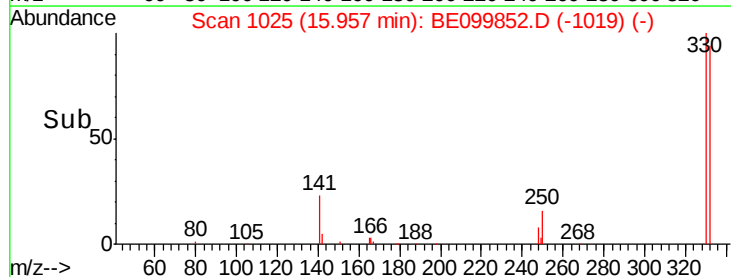
141 24.3 16.0 24.0#

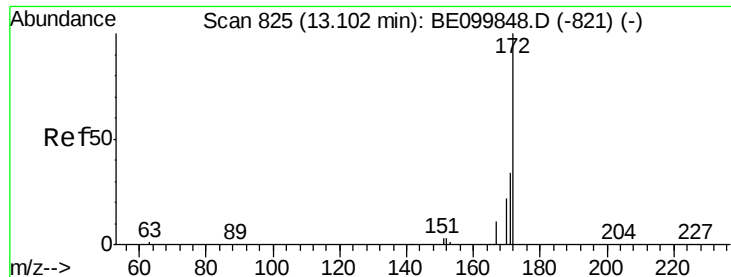


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

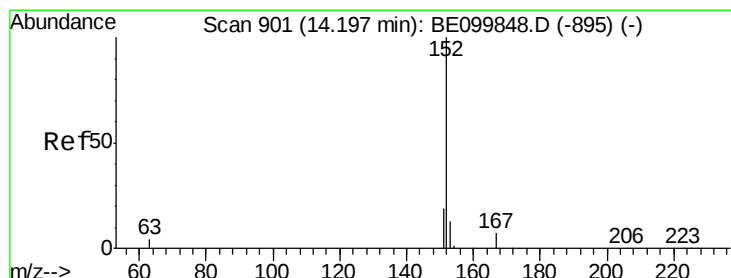
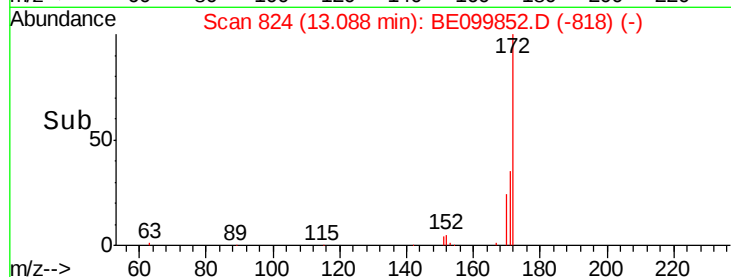
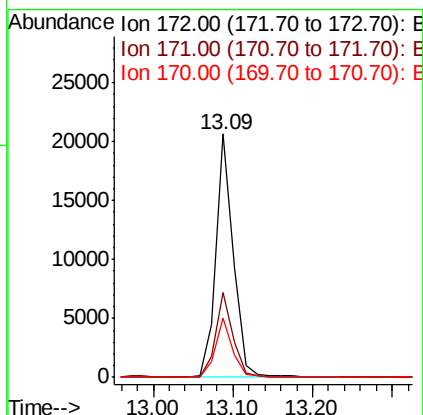
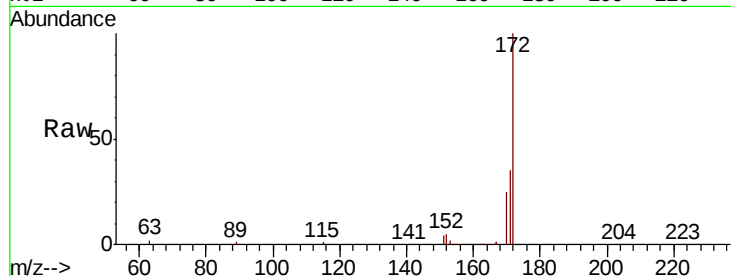




#15
2-Fluorobiphenyl
Concen: 5.138 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.02 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

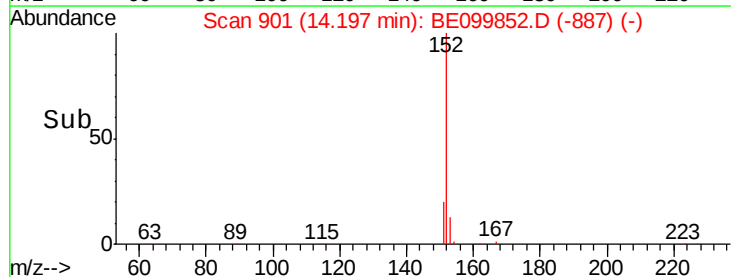
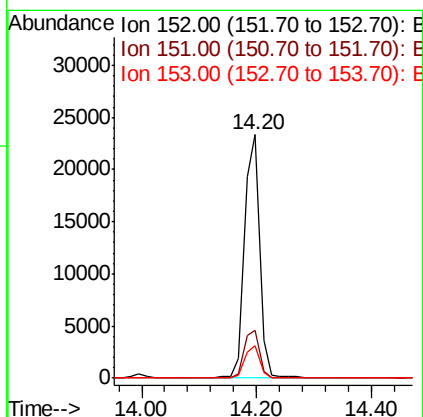
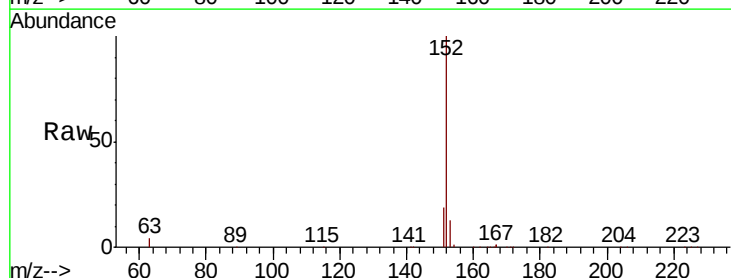
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

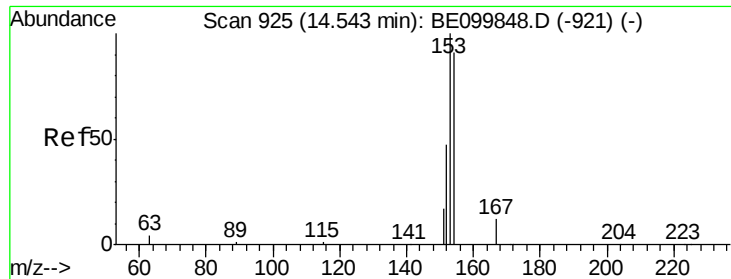
Tot Ion:172 Resp: 31081
Ion Ratio Lower Upper
172 100
171 34.9 30.2 45.4
170 24.5 20.1 30.1



#16
Acenaphthylene
Concen: 5.361 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:152 Resp: 42086
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 12.9 10.8 16.2

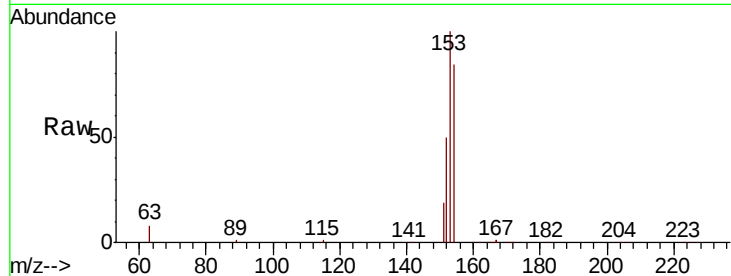




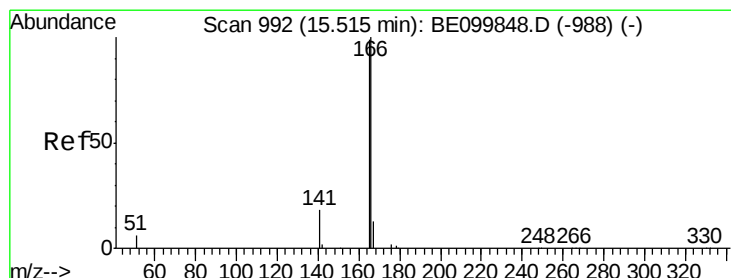
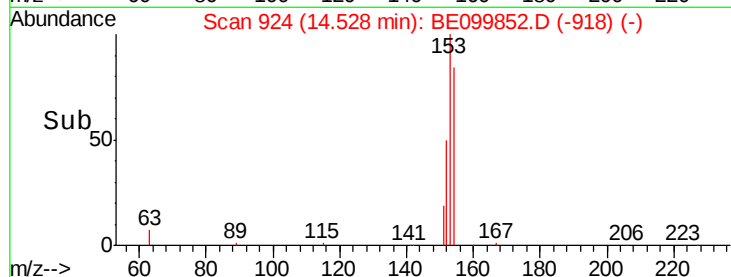
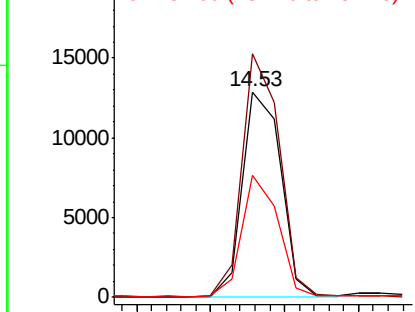
#17
Acenaphthene
Concen: 5.376 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.02 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:154 Resp: 23099
Ion Ratio Lower Upper
154 100
153 114.8 93.8 140.6
152 55.9 48.3 72.5

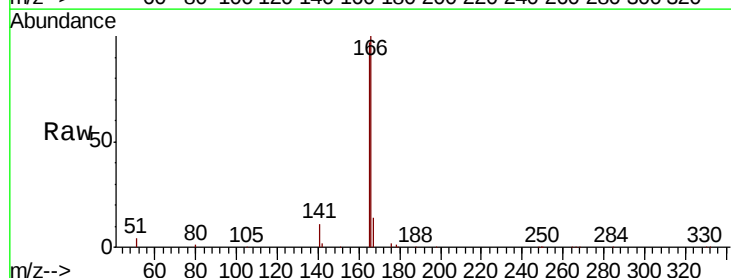


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

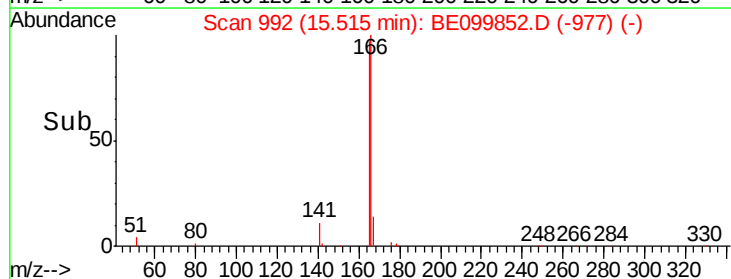
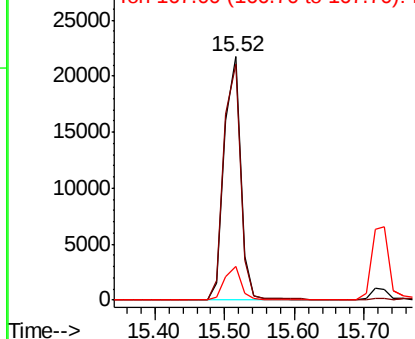


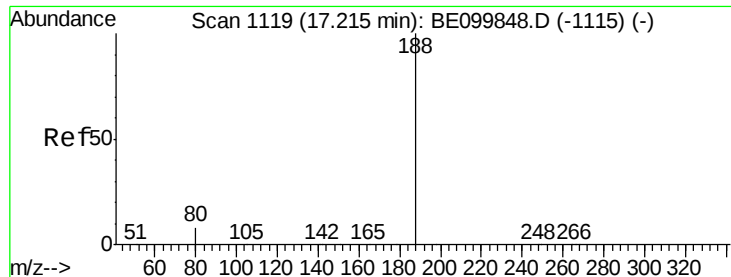
#18
Fluorene
Concen: 5.551 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099852.D
Acq: 7 Jun 2019 14:40

Tgt Ion:166 Resp: 35130
Ion Ratio Lower Upper
166 100
165 99.5 80.4 120.6
167 13.4 10.7 16.1



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: 17.22 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

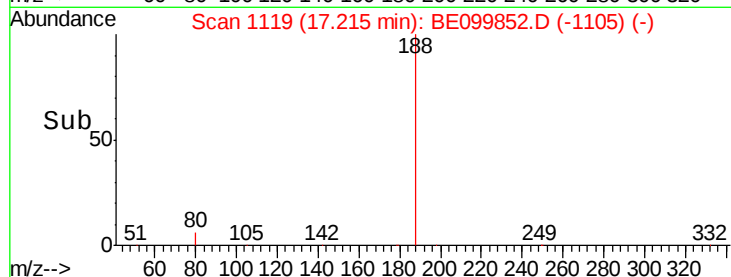
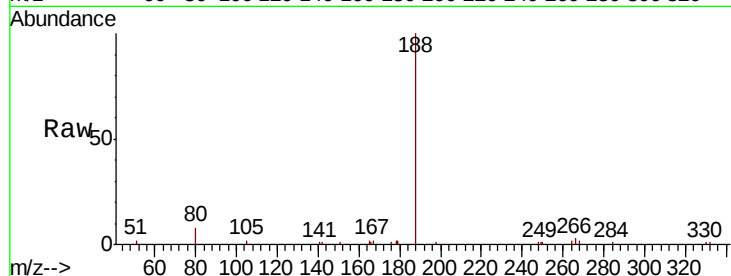
Tot Ion:188 Resp: 5457

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

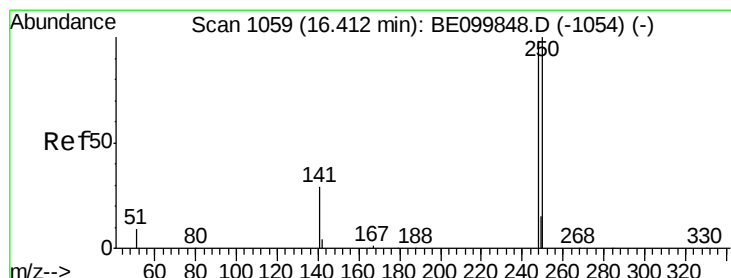
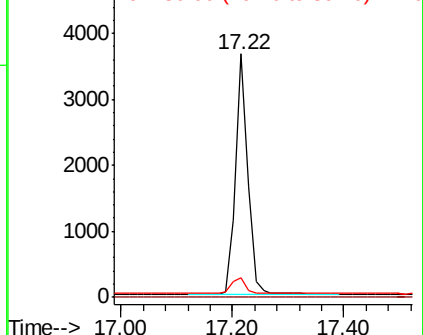
80 7.9 5.2 7.8#



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: 5.312 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

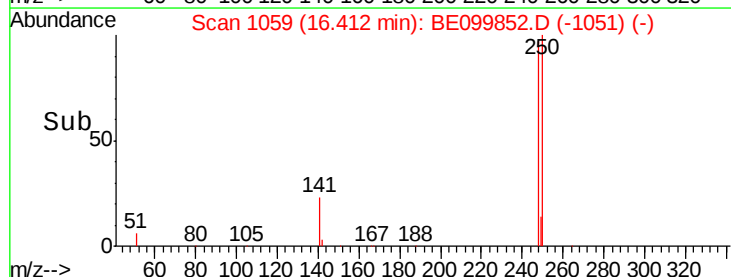
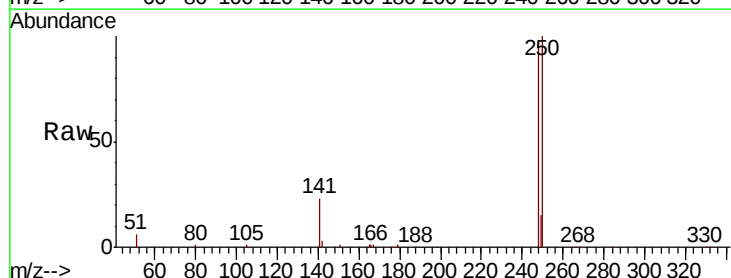
Tgt Ion:248 Resp: 16174

Ion Ratio Lower Upper

248 100

250 103.5 73.7 110.5

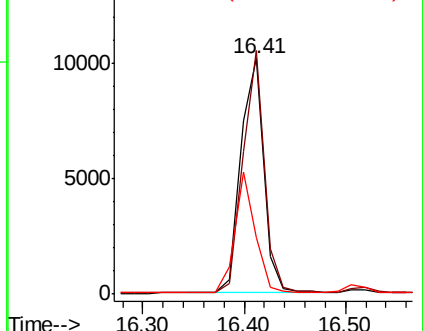
141 24.0 40.9 61.3#

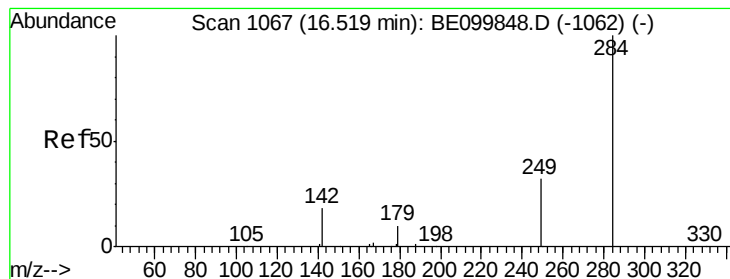


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.779 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

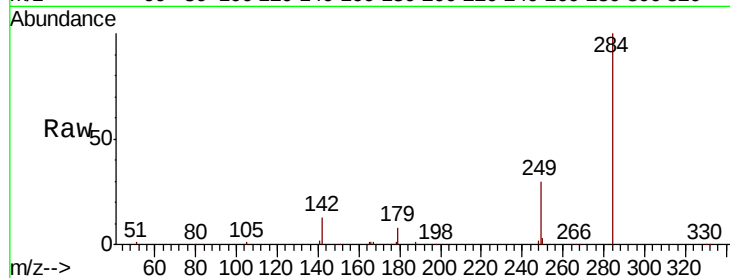
Tot Ion:284 Resp: 15950

Ion Ratio Lower Upper

284 100

142 22.5 16.2 24.4

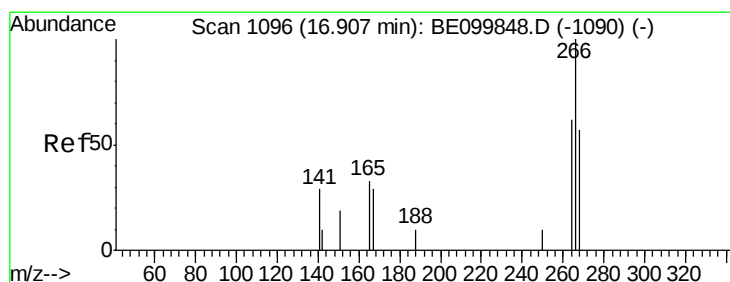
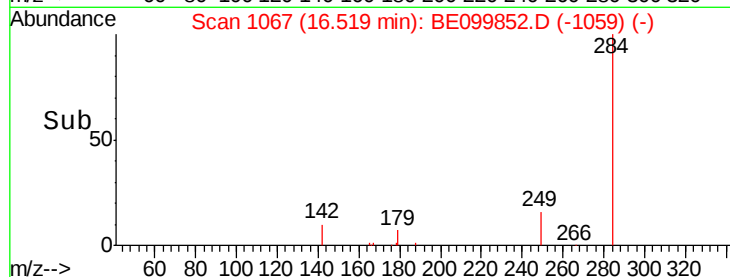
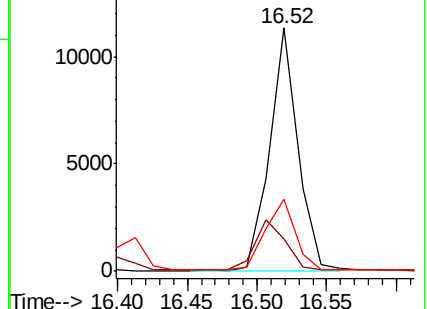
249 30.9 23.1 34.7



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: 14.273 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.05 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

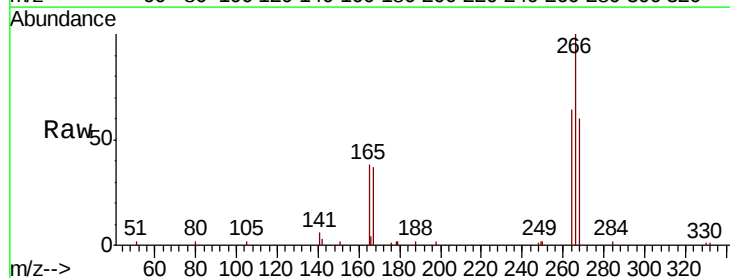
Tgt Ion:266 Resp: 8773

Ion Ratio Lower Upper

266 100

264 63.8 64.9 97.3#

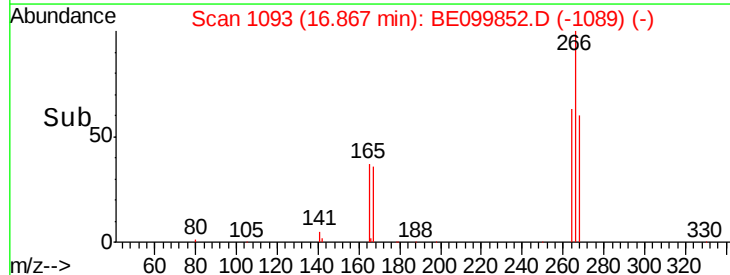
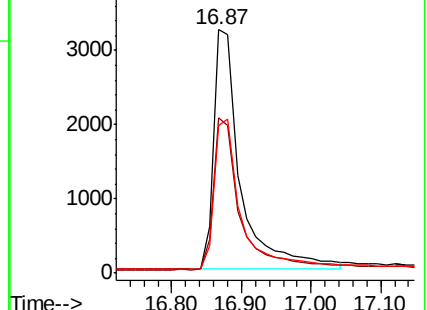
268 60.5 64.0 96.0#

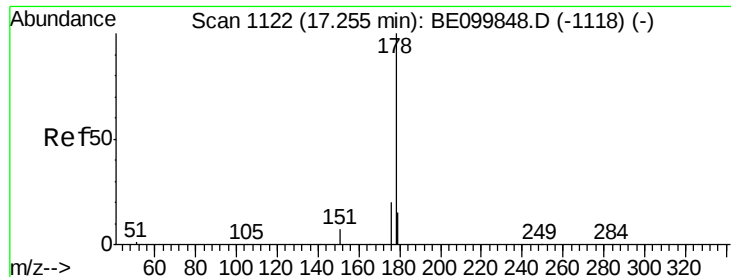


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.372 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

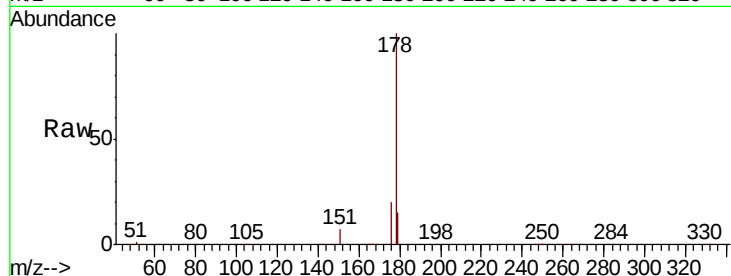
Tot Ion:178 Resp: 69958

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

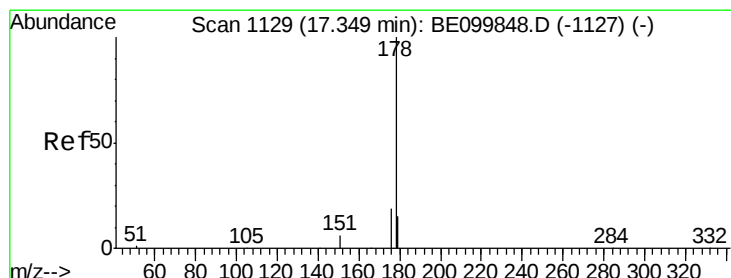
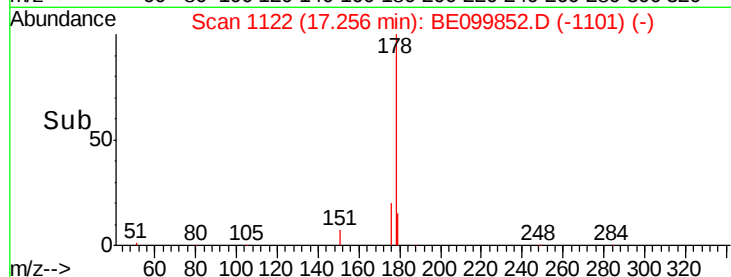
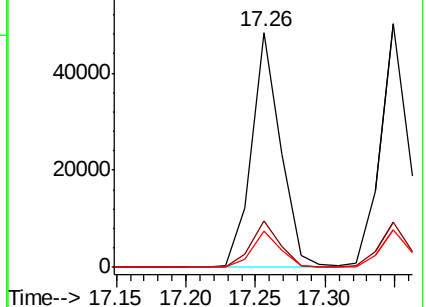
179 15.1 12.5 18.7



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: 5.984 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

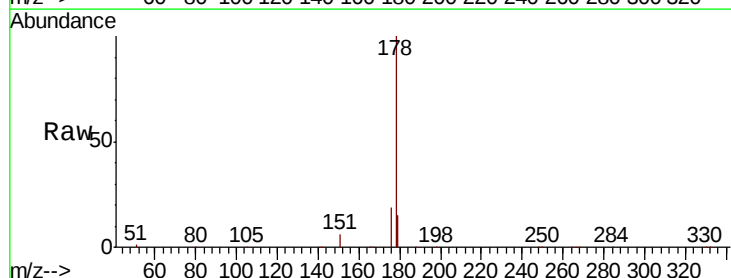
Tgt Ion:178 Resp: 70431

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

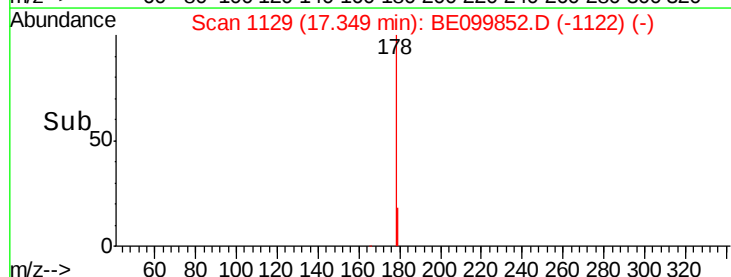
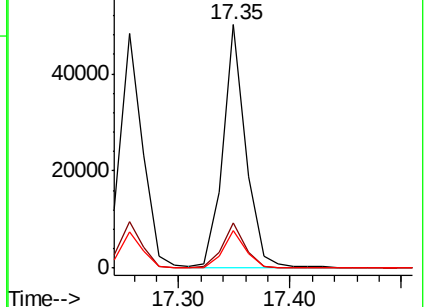
179 15.3 12.1 18.1

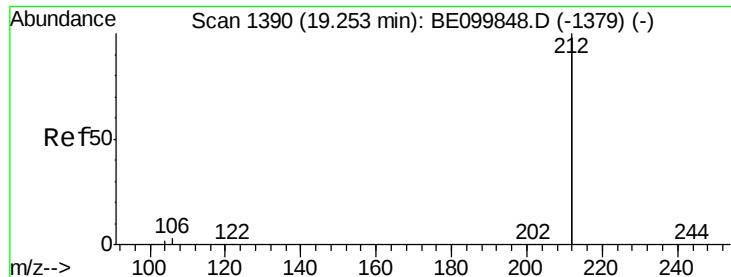


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

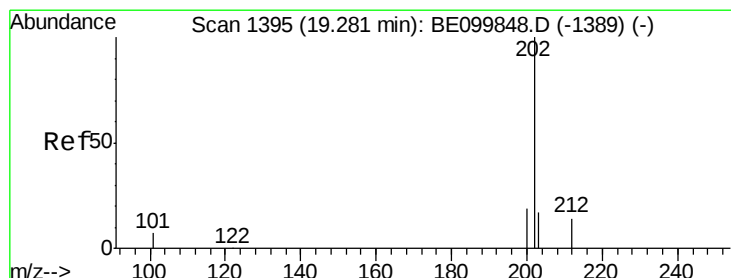
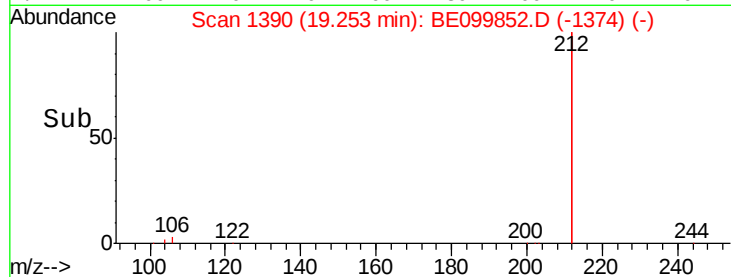
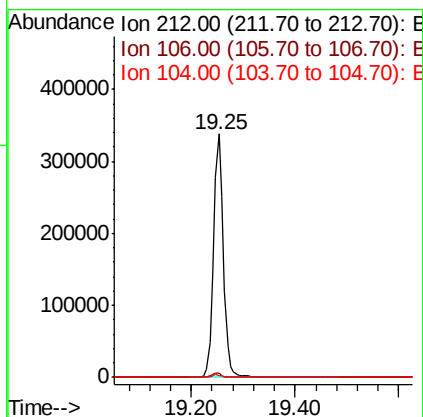
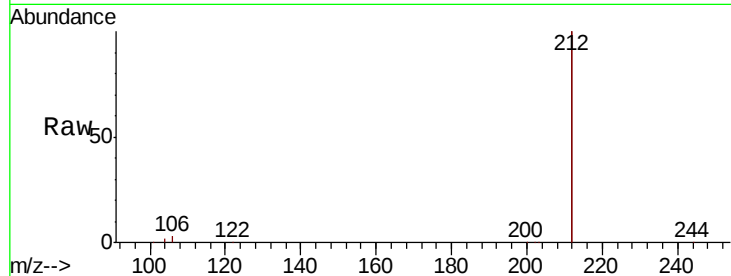




#25
 Fluoranthene-d10
 Concen: 5.457 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BE099852.D
 Acq: 7 Jun 2019 14:40

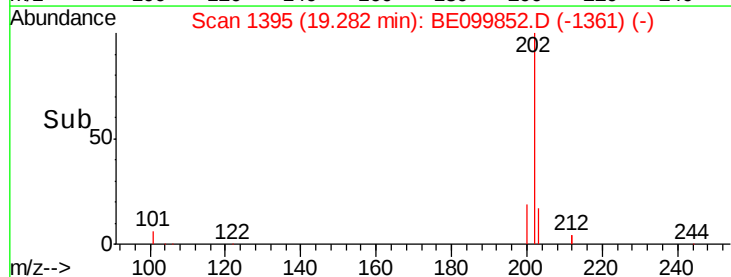
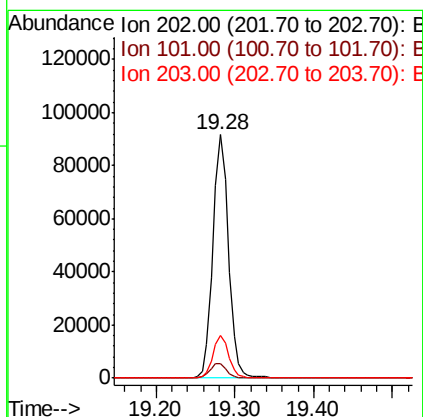
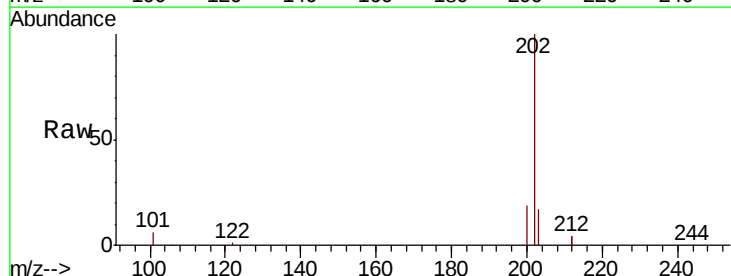
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

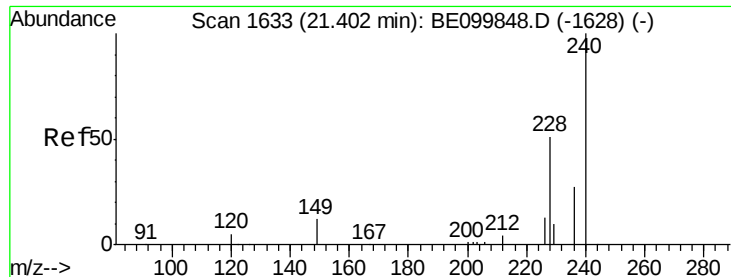
Tot Ion:212 Resp: 442588
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.0
 104 1.0 0.8 1.2



#26
 Fluoranthene
 Concen: 5.413 ng
 RT: 19.28 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BE099852.D
 Acq: 7 Jun 2019 14:40

Tgt Ion:202 Resp: 123524
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.2 7.8
 203 17.4 13.6 20.4

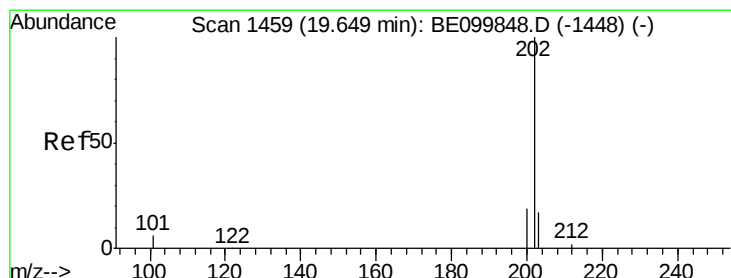
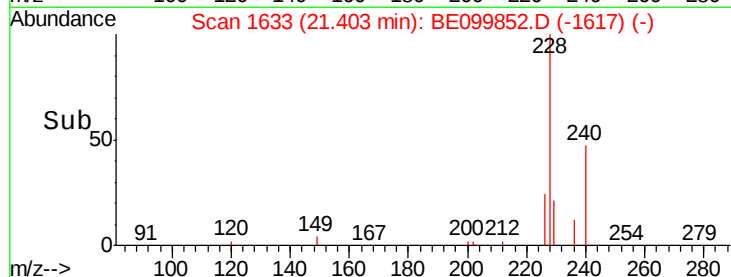
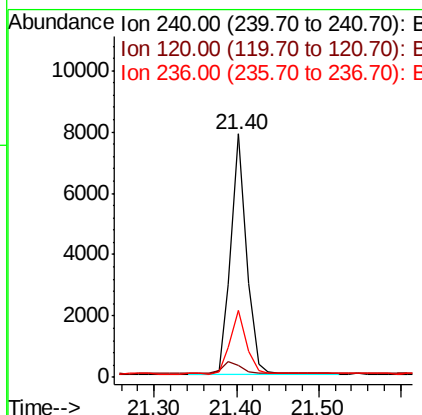
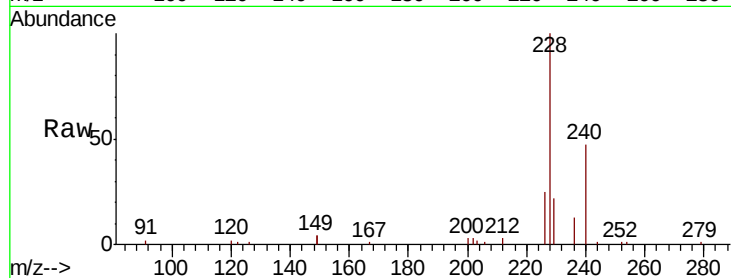




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BE099852.D
 Acq: 7 Jun 2019 14:40

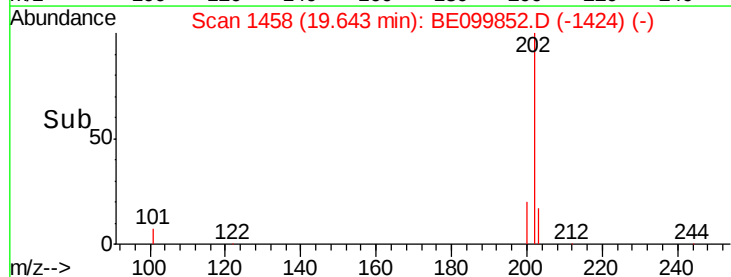
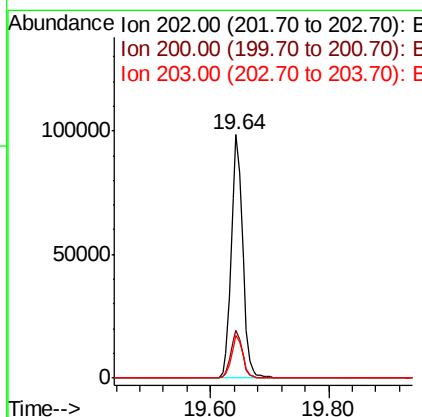
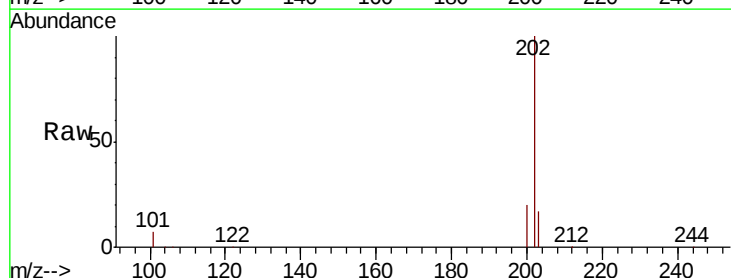
Instrument :
 BNA_E
 ClientSampleID :
 SSTDICC5.0

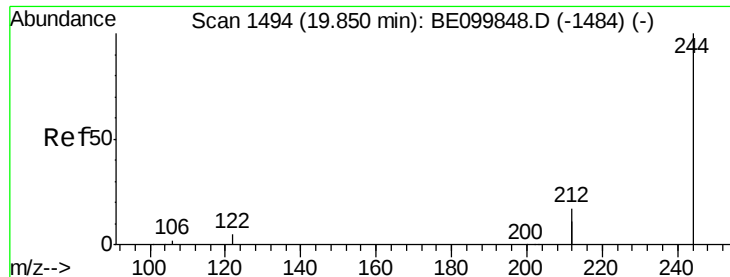
Tot Ion:240 Resp: 10511
 Ion Ratio Lower Upper
 240 100
 120 4.8 2.8 4.2#
 236 27.7 20.9 31.3



#28
 Pyrene
 Concen: 5.186 ng
 RT: 19.64 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BE099852.D
 Acq: 7 Jun 2019 14:40

Tgt Ion:202 Resp: 131671
 Ion Ratio Lower Upper
 202 100
 200 19.5 15.6 23.4
 203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 5.445 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

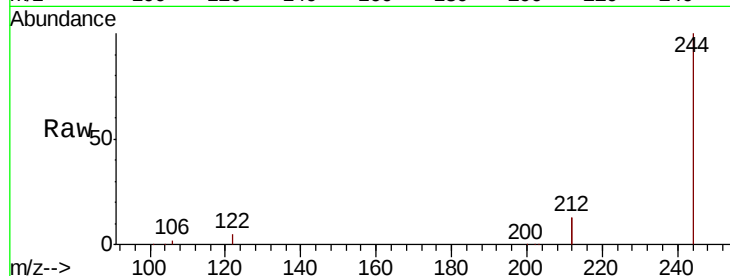
Tot Ion:244 Resp: 93836

Ion Ratio Lower Upper

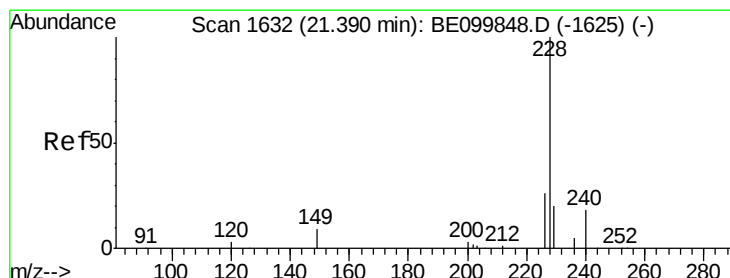
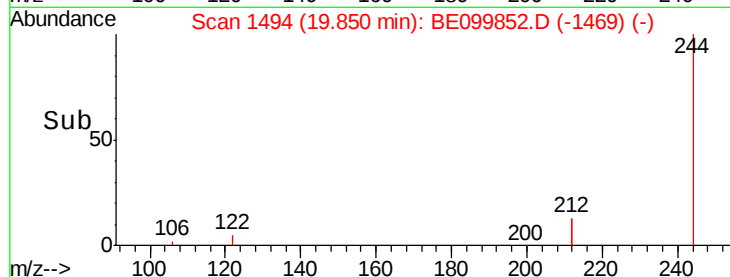
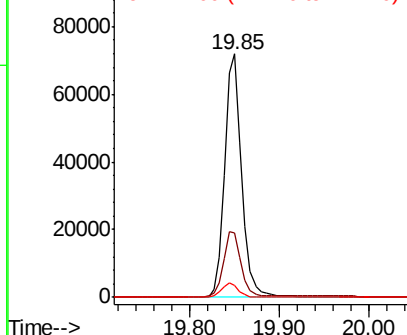
244 100

212 26.4 23.7 35.5

122 4.7 4.8 7.2#



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: 5.845 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

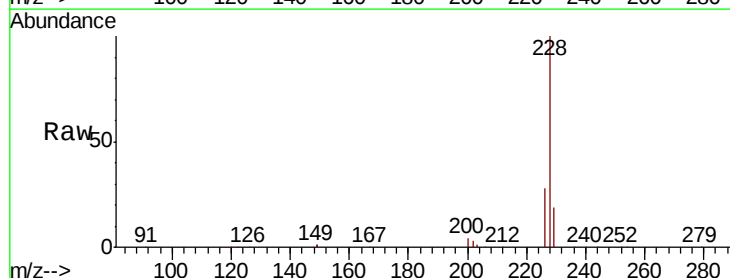
Tgt Ion:228 Resp: 169735

Ion Ratio Lower Upper

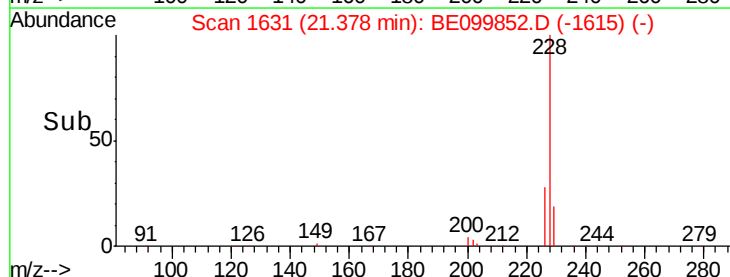
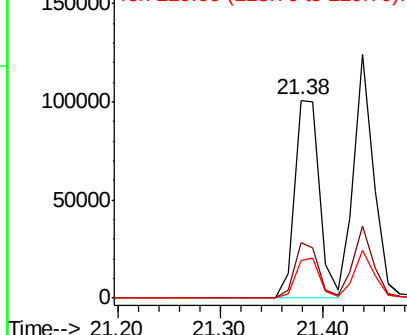
228 100

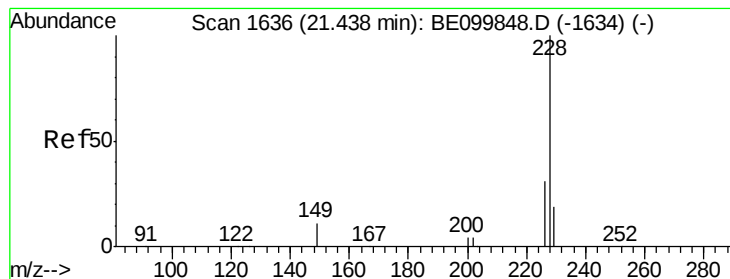
226 28.0 21.6 32.4

229 19.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 5.146 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

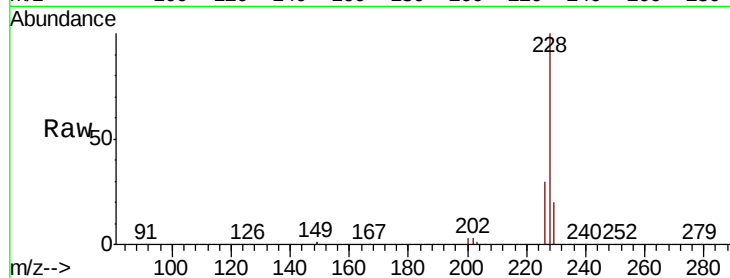
Tot Ion:228 Resp: 165141

Ion Ratio Lower Upper

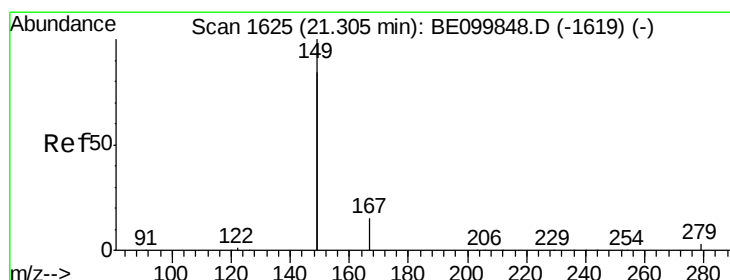
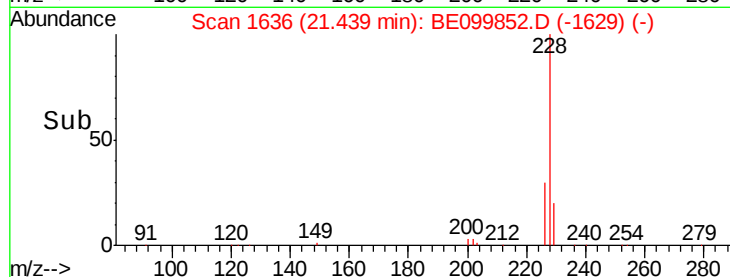
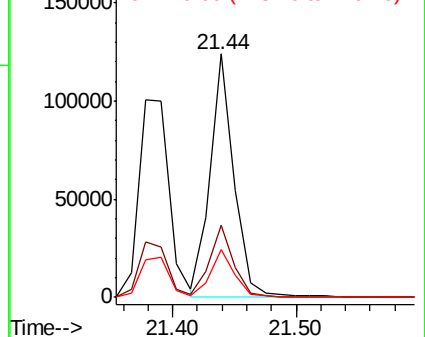
228 100

226 29.8 22.9 34.3

229 19.7 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 7.275 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

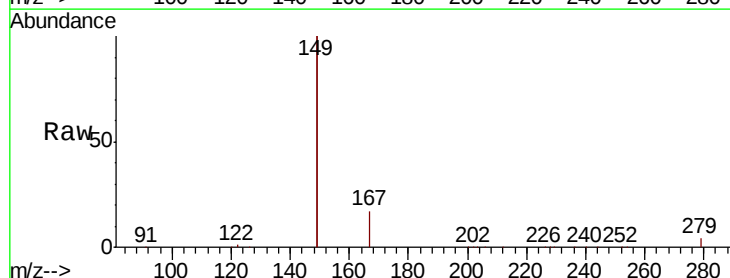
Tgt Ion:149 Resp: 242530

Ion Ratio Lower Upper

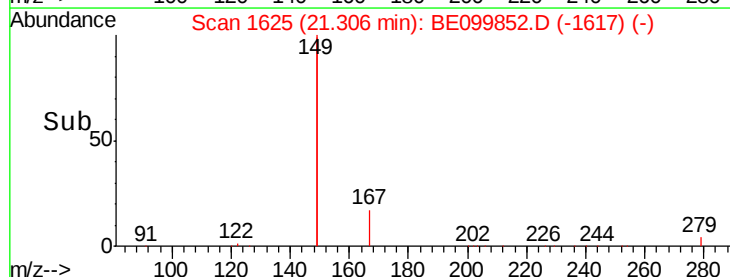
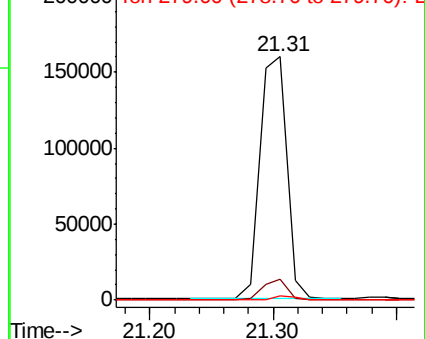
149 100

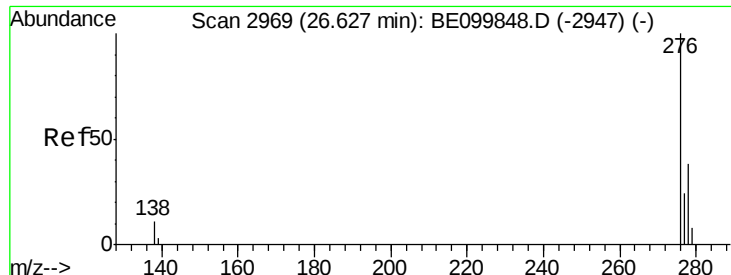
167 7.6 6.0 9.0

279 1.5 1.2 1.8



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

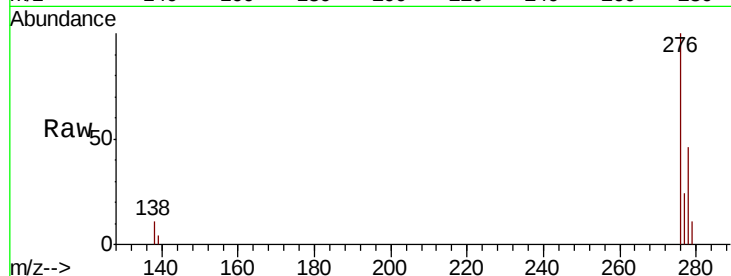




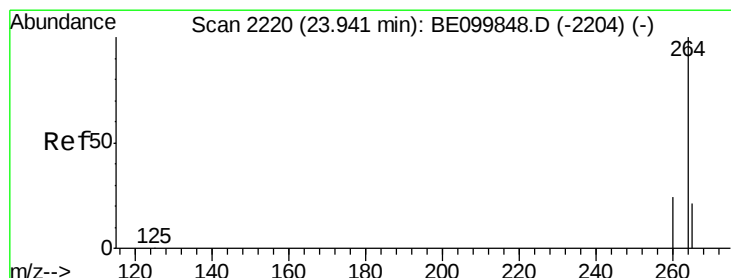
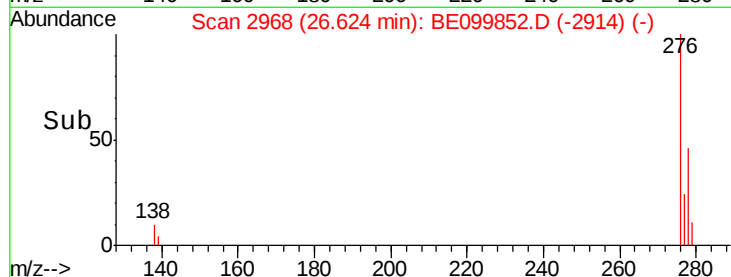
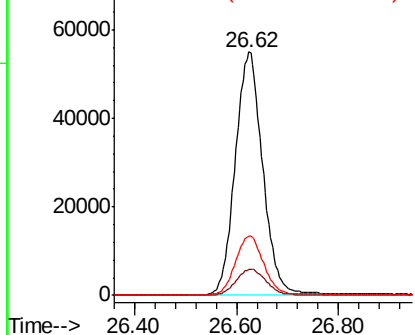
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 5.316 ng
 RT: 26.62 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BE099852.D
 Acq: 7 Jun 2019 14:40

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.4	10.3	15.5
277	24.8	19.4	29.2

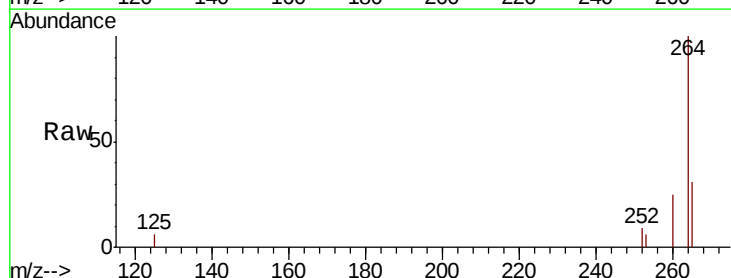


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

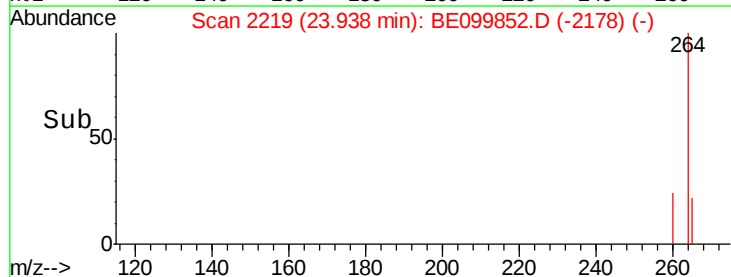
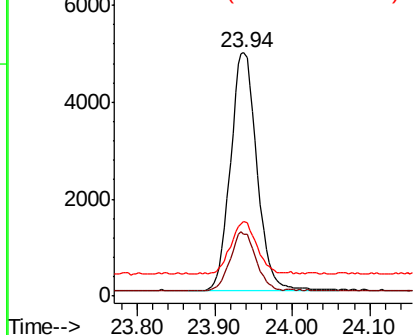


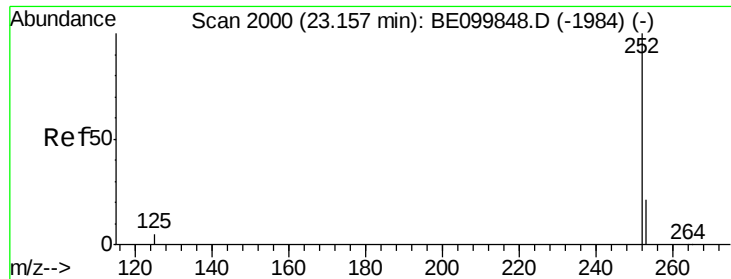
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BE099852.D
 Acq: 7 Jun 2019 14:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.0	30.0
265	30.6	20.7	31.1



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: 5.137 ng

RT: 23.15 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

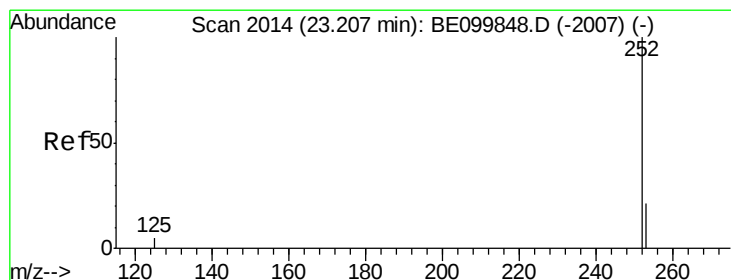
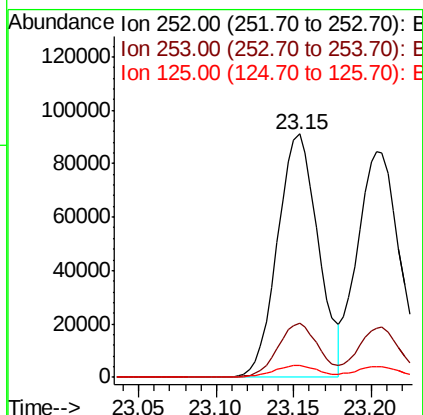
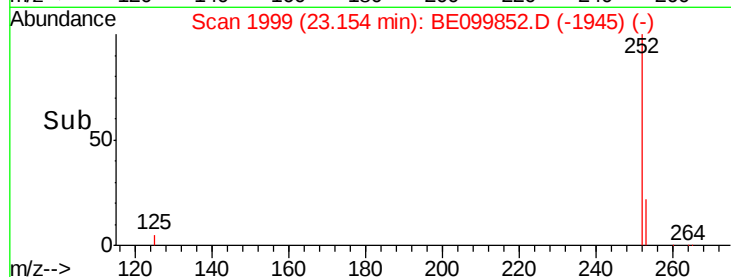
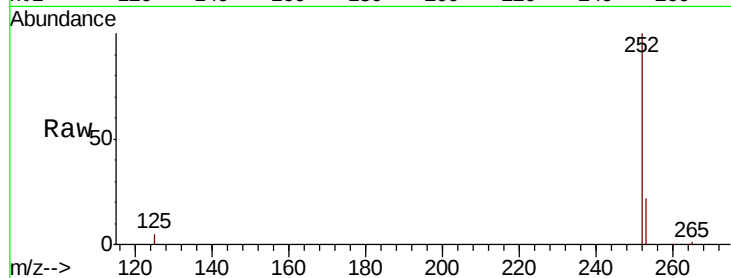
Tot Ion:252 Resp: 166230

Ion Ratio Lower Upper

252 100

253 22.3 18.9 28.3

125 5.0 7.6 11.4#



#36

Benzo(k)fluoranthene

Concen: 4.726 ng

RT: 23.20 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

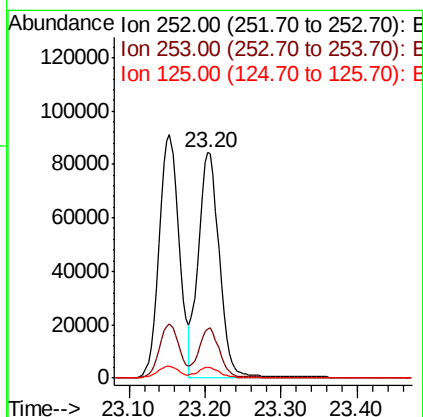
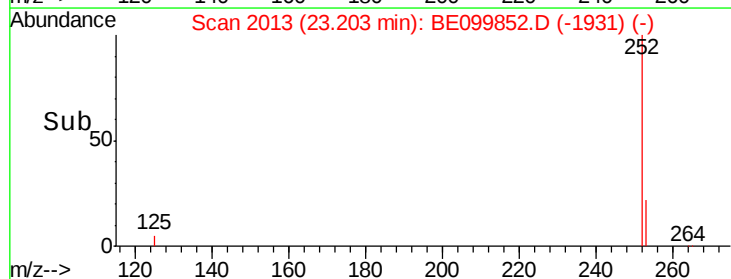
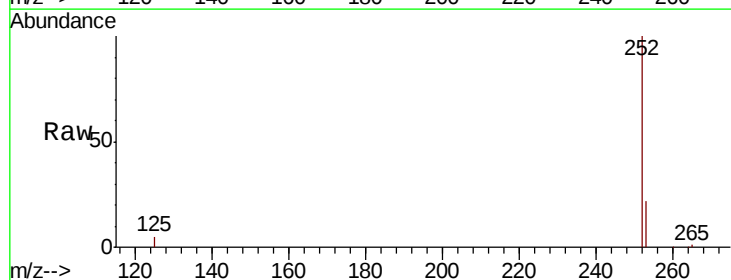
Tgt Ion:252 Resp: 162358

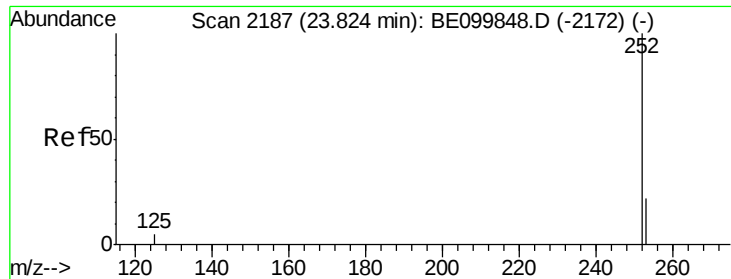
Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

125 5.0 4.6 7.0





#37

Benzo(a)pyrene

Concen: 5.074 ng

RT: 23.82 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

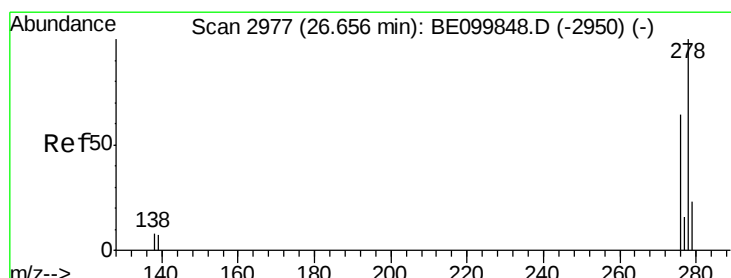
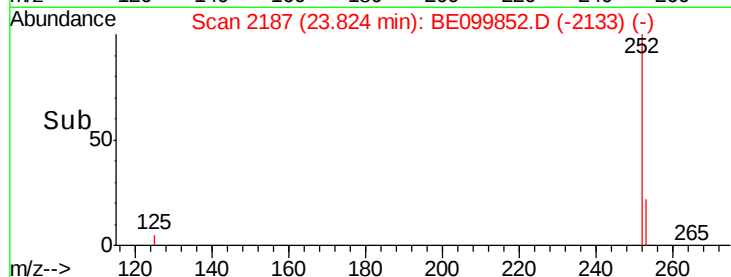
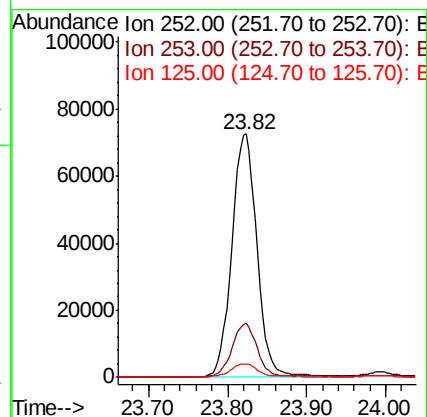
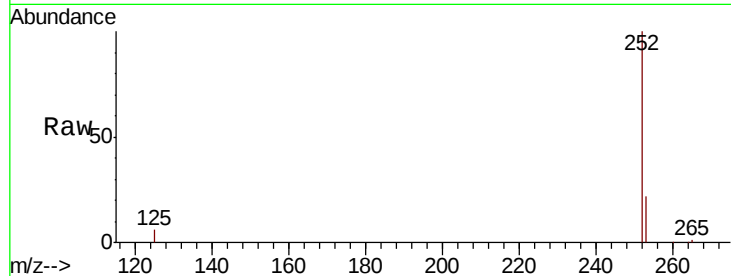
Tot Ion:252 Resp: 159170

Ion Ratio Lower Upper

252 100

253 22.2 19.3 28.9

125 5.6 10.2 15.4#



#38

Dibenzo(a,h)anthracene

Concen: 5.285 ng

RT: 26.65 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

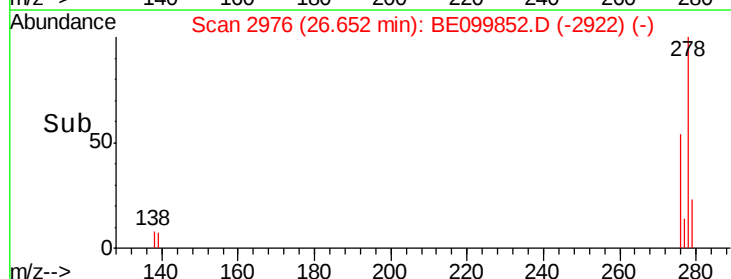
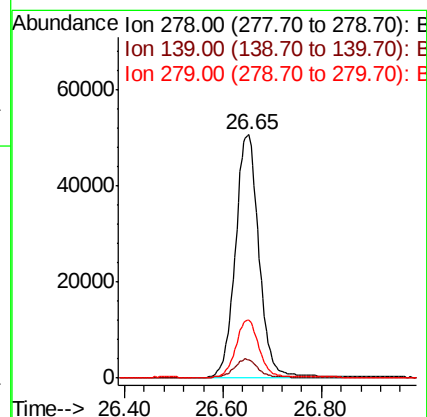
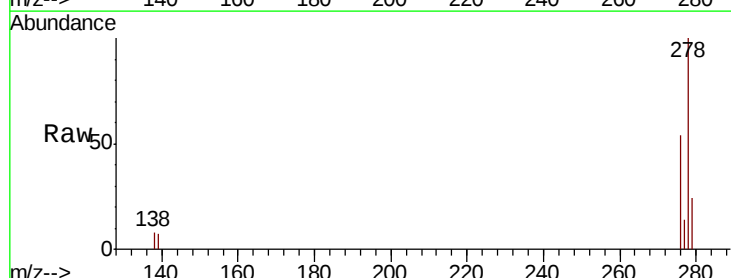
Tgt Ion:278 Resp: 168659

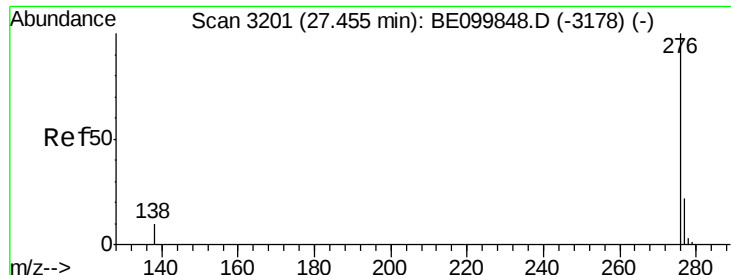
Ion Ratio Lower Upper

278 100

139 7.4 7.9 11.9#

279 23.8 18.5 27.7





#39

Benzo(a,h,i)perylene

Concen: 4.982 ng

RT: 27.45 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BE099852.D

Acq: 7 Jun 2019 14:40

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

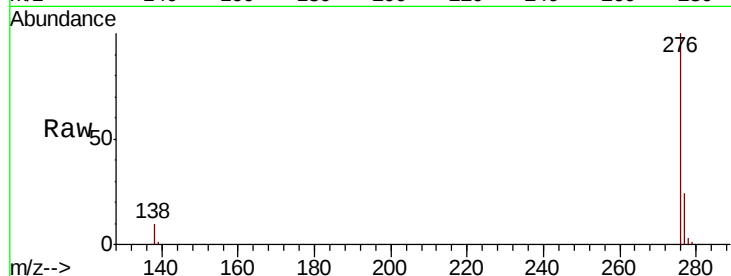
Tot Ion: 276 Resp: 167029

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 10.0 9.0 13.4



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

