

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099801.D
 Acq On : 5 Jun 2019 11:36
 Operator : JU/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Jun 05 13:30:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 13:24:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	972	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3490	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	2461	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	8059	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	17359	0.40	ng	-0.01
34) Perylene-d12	23.94	264	18462	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	4036	1.64	ng	0.00
5) Phenol-d6	6.97	99	5224	1.61	ng	0.00
8) Nitrobenzene-d5	8.96	82	4945	1.64	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	9635	1.60	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	2545	1.75	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	15005	1.61	ng	0.00
25) Fluoranthene-d10	19.25	212	209106	1.90	ng	0.00
29) Terphenyl-d14	19.86	244	43373	1.40	ng	0.00

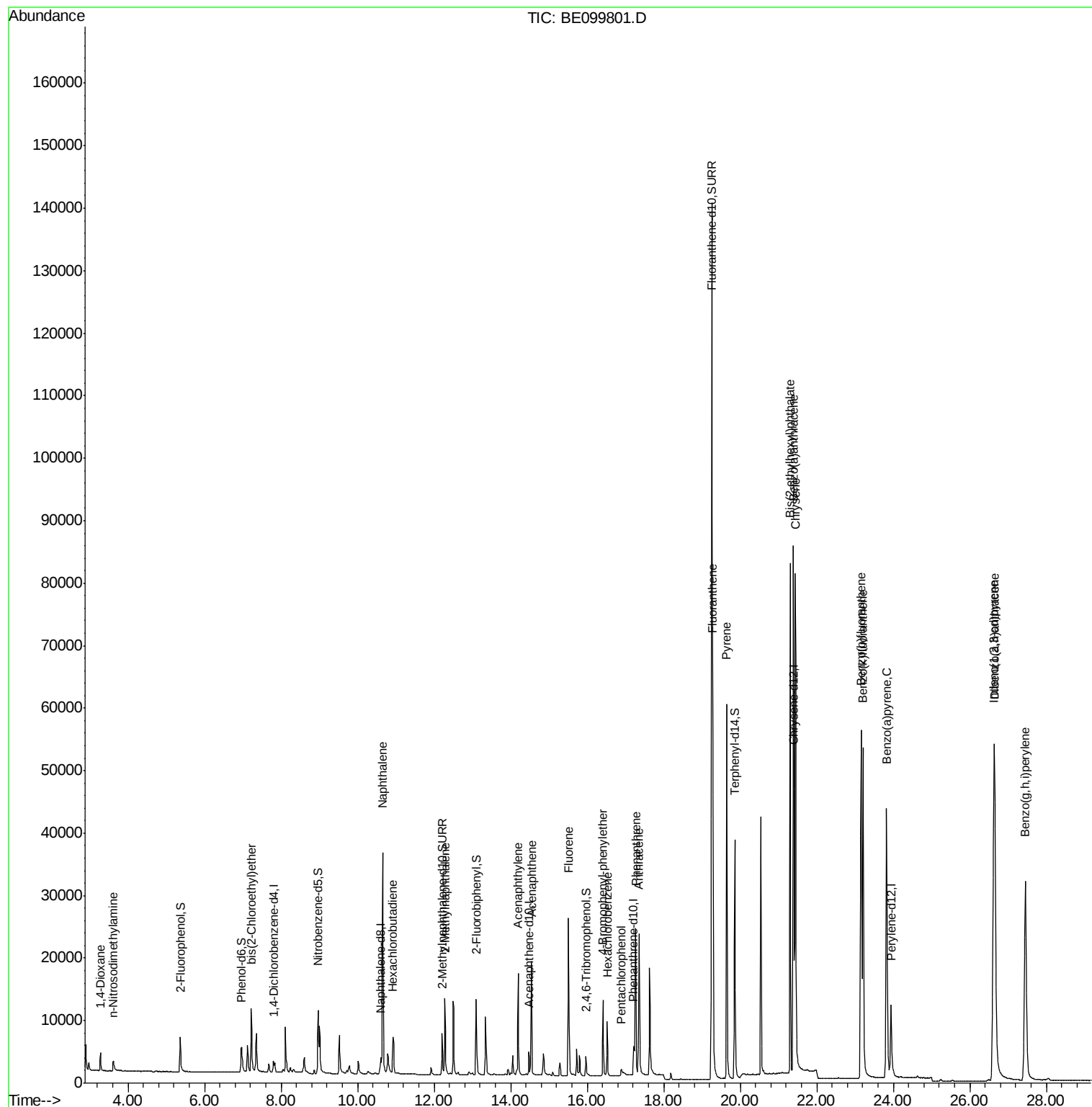
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	2231	1.551	ng	98
3) n-Nitrosodimethylamine	3.60	42	1206	1.518	ng	# 89
6) bis(2-Chloroethyl)ether	7.22	93	4635	1.603	ng	97
9) Naphthalene	10.65	128	61032	1.635	ng	98
10) Hexachlorobutadiene	10.93	225	4462	1.624	ng	97
12) 2-Methylnaphthalene	12.28	142	9574	1.573	ng	98
16) Acenaphthylene	14.20	152	19229	1.676	ng	99
17) Acenaphthene	14.54	154	10664	1.656	ng	99
18) Fluorene	15.51	166	15737	1.660	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	7360	1.584	ng	# 90
21) Hexachlorobenzene	16.52	284	7694	1.618	ng	96
22) Pentachlorophenol	16.89	266	1696	1.239	ng	83
23) Phenanthrene	17.27	178	32224	1.636	ng	100
24) Anthracene	17.35	178	29652	1.660	ng	100
26) Fluoranthene	19.29	202	59645	1.916	ng	100
28) Pyrene	19.65	202	62171	1.426	ng	100
30) Benzo(a)anthracene	21.39	228	78552	1.592	ng	99
31) Chrysene	21.44	228	85424	1.620	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	83781	1.474	ng	99
33) Indeno(1,2,3-cd)pyrene	26.63	276	105031	1.650	ng	99
35) Benzo(b)fluoranthene	23.16	252	83632	1.653	ng	# 95
36) Benzo(k)fluoranthene	23.21	252	89076	1.689	ng	98
37) Benzo(a)pyrene	23.82	252	81031	1.664	ng	# 92
38) Dibenzo(a,h)anthracene	26.65	278	85229	1.667	ng	97
39) Benzo(g,h,i)perylene	27.45	276	87883	1.702	ng	99

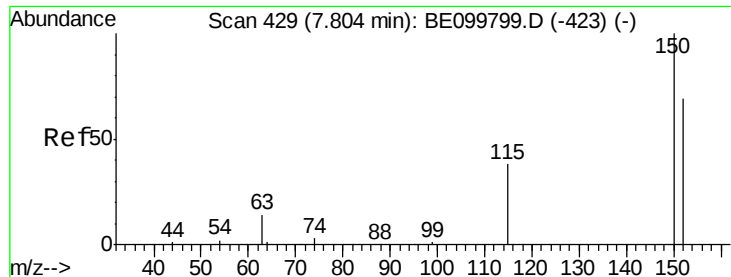
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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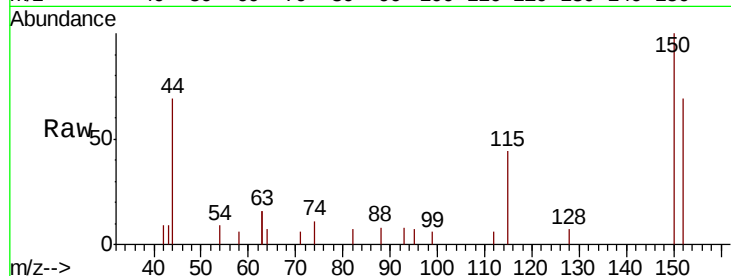


#1

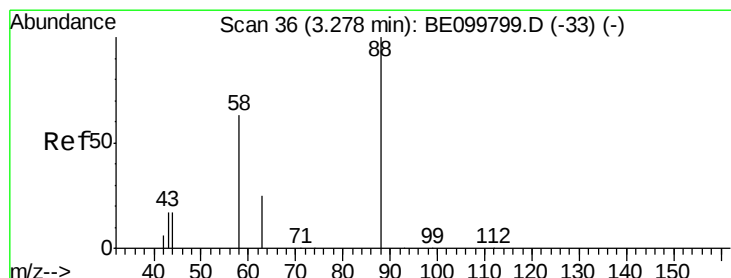
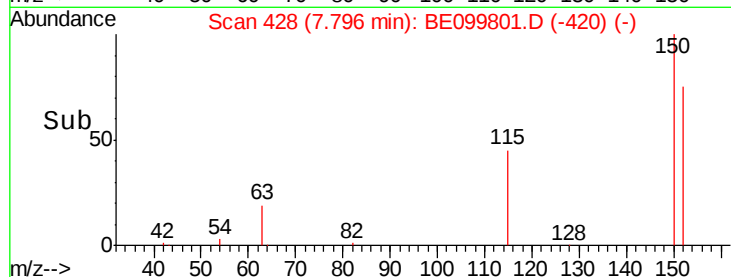
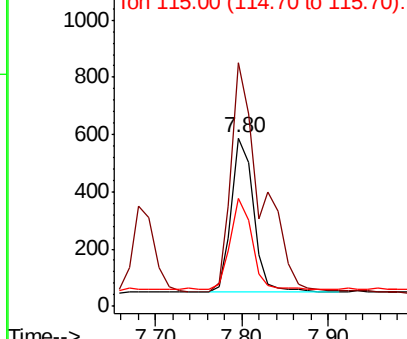
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099801.D
Acq: 5 Jun 2019 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:152 Resp: 972
Ion Ratio Lower Upper
152 100
150 144.7 112.8 169.2
115 64.3 47.6 71.4



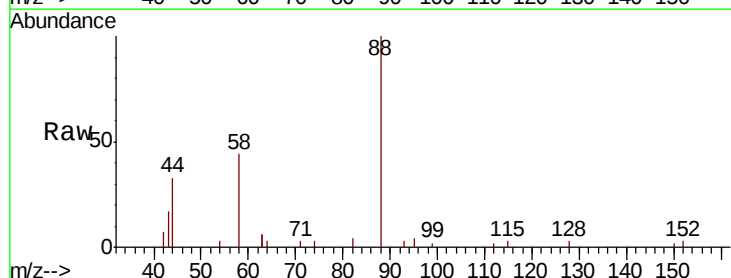
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



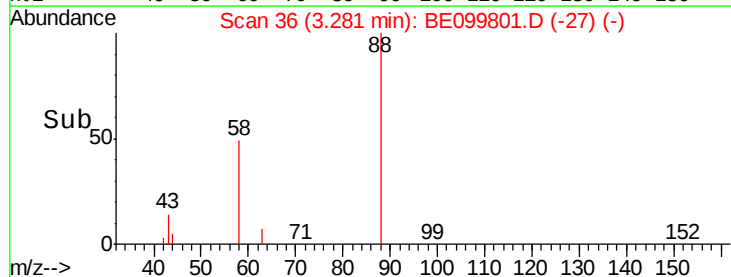
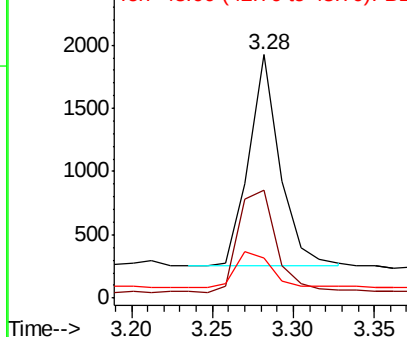
#2

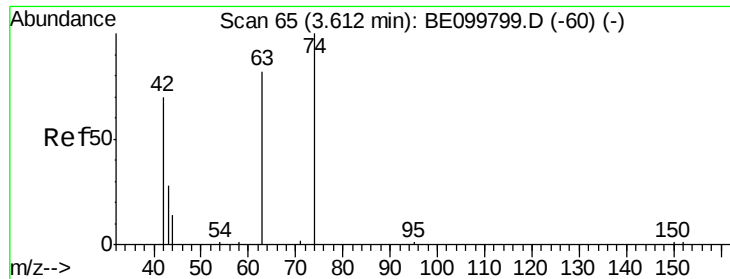
1,4-Dioxane
Concen: 1.551 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099801.D
Acq: 5 Jun 2019 11:36

Tgt Ion: 88 Resp: 2231
Ion Ratio Lower Upper
88 100
58 59.2 47.5 71.3
43 20.0 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: 1.518 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

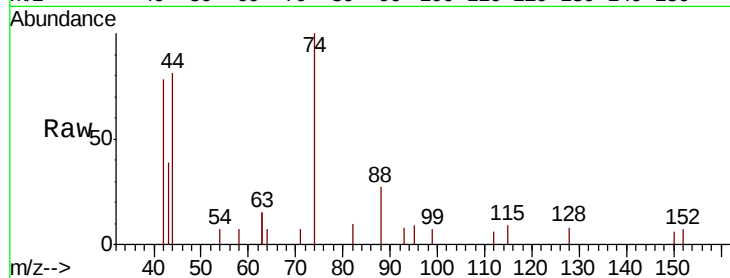
Tot Ion: 42 Resp: 1206

Ion Ratio Lower Upper

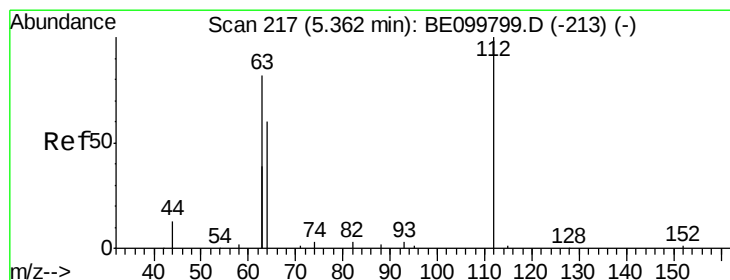
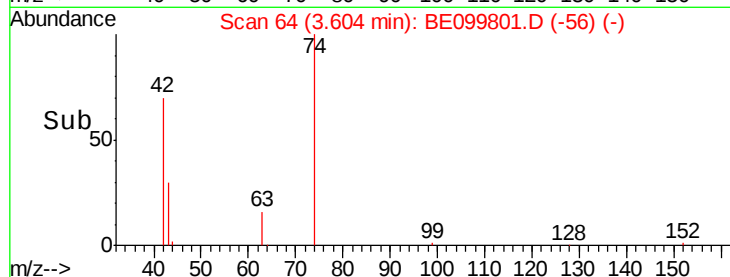
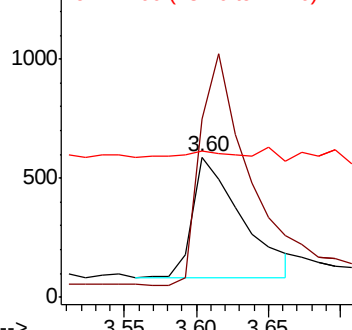
42 100

74 186.4 137.8 206.6

44 2.7 10.8 16.2#



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: 1.643 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

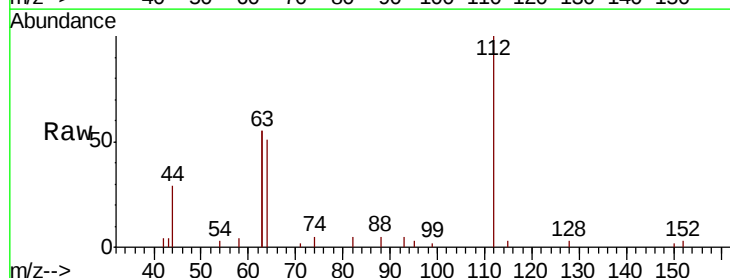
Tgt Ion: 112 Resp: 4036

Ion Ratio Lower Upper

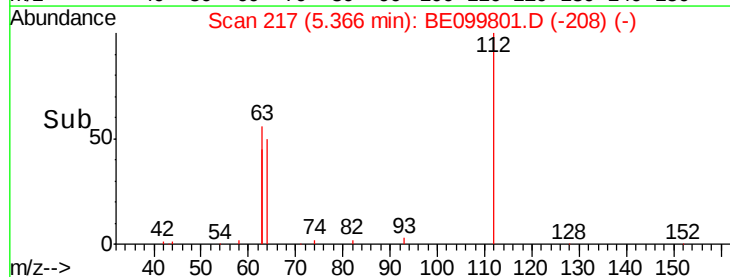
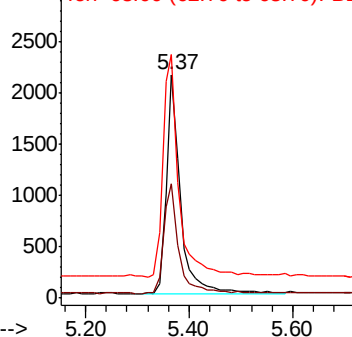
112 100

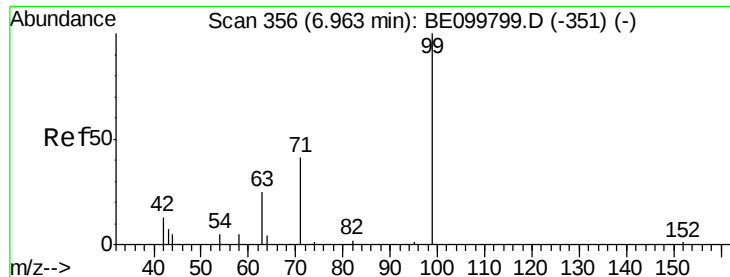
64 52.1 47.2 70.8

63 114.2 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: 1.607 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

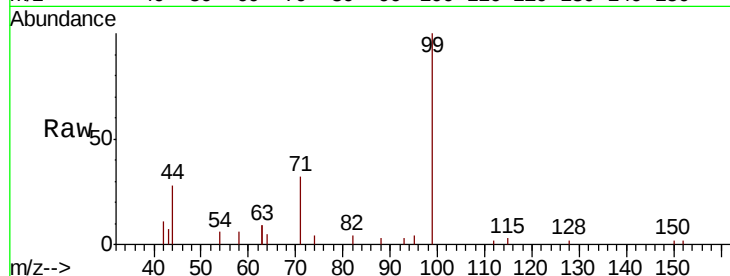
Tot Ion: 99 Resp: 5224

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.4

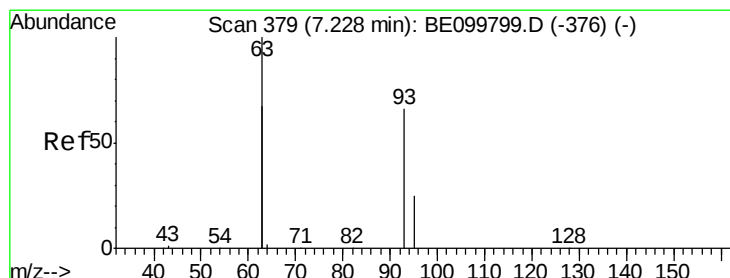
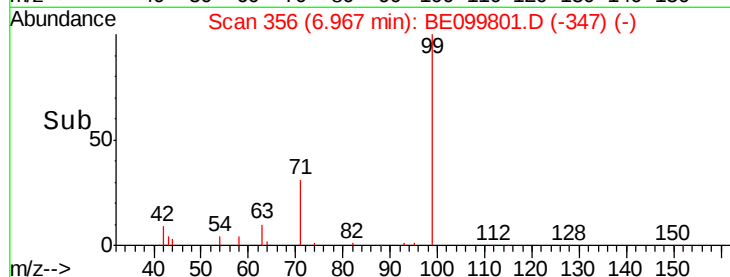
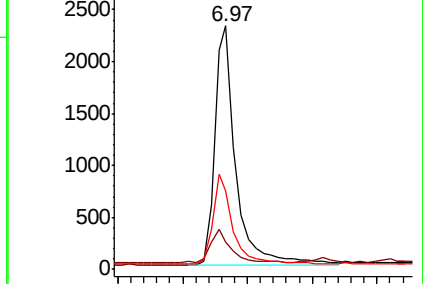
71 36.2 26.1 39.1



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: 1.603 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.01 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

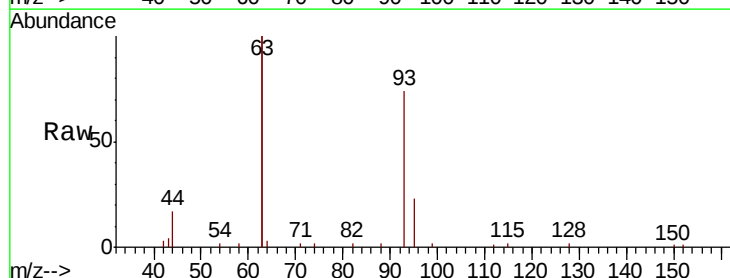
Tgt Ion: 93 Resp: 4635

Ion Ratio Lower Upper

93 100

63 255.9 208.8 313.2

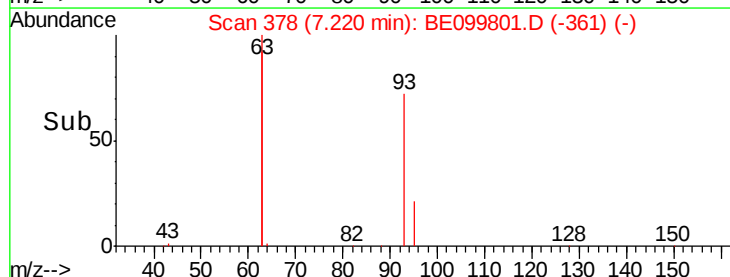
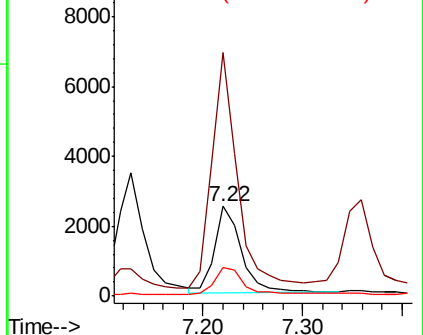
95 32.0 27.6 41.4

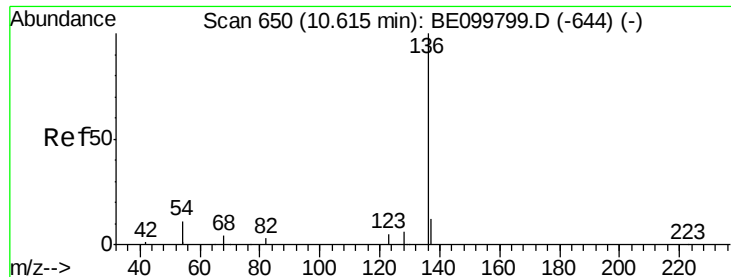


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099801.D

Acq: 5 Jun 2019 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 3490

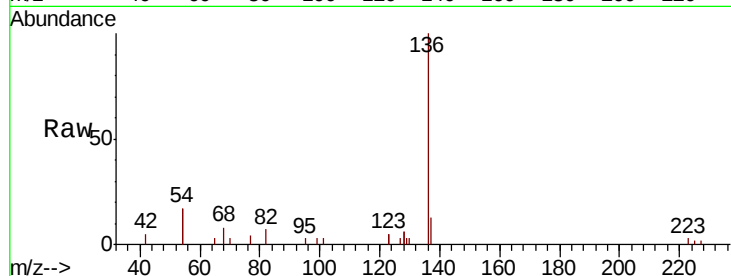
Ion Ratio Lower Upper

136 100

137 13.3 11.1 16.7

54 34.7 17.9 26.9#

68 8.3 5.4 8.0#

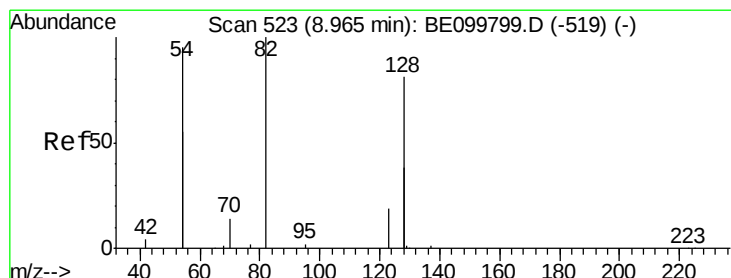
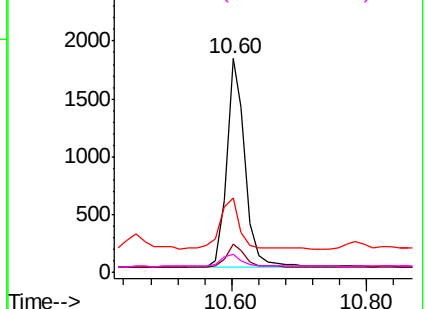
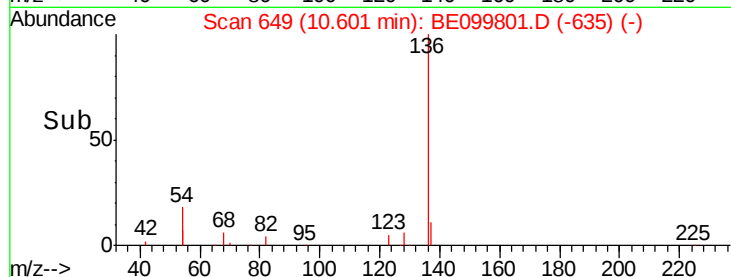


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.637 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

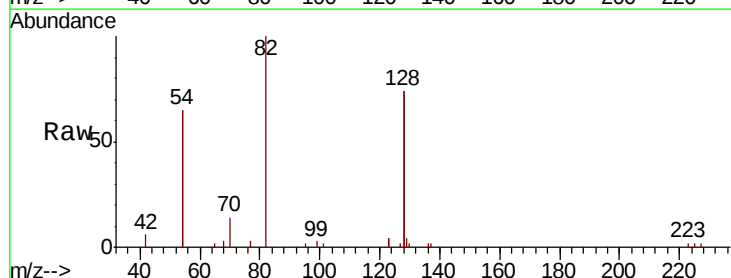
Tgt Ion: 82 Resp: 4945

Ion Ratio Lower Upper

82 100

128 148.8 116.6 175.0

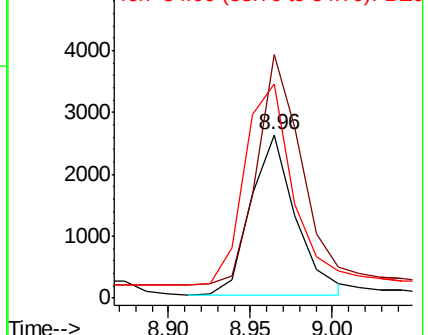
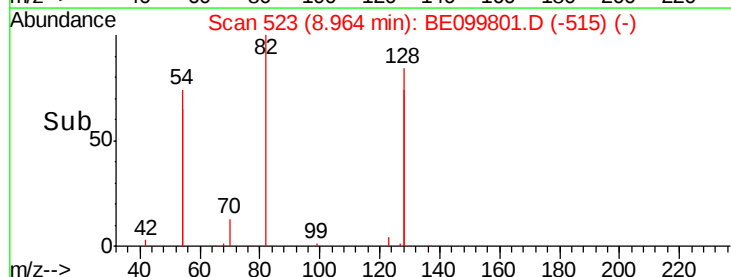
54 130.5 136.2 204.4#

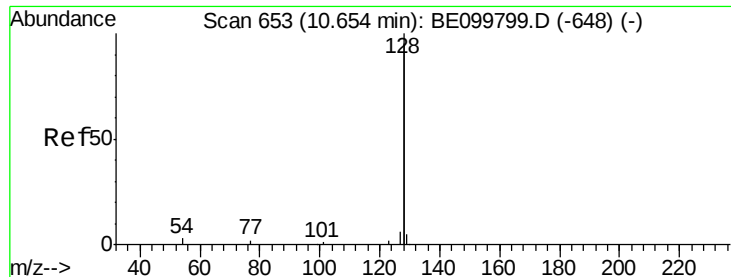


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.635 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

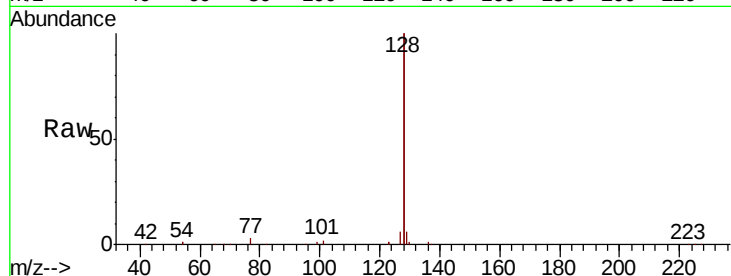
Tot Ion:128 Resp: 61032

Ion Ratio Lower Upper

128 100

129 2.8 2.6 4.0

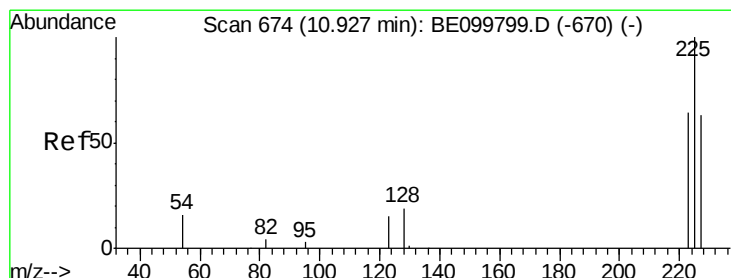
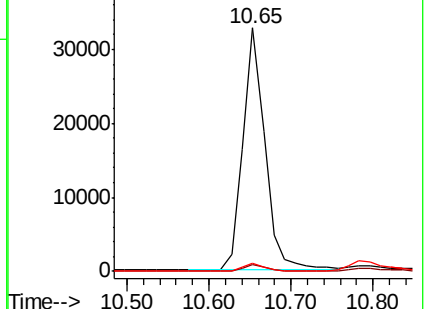
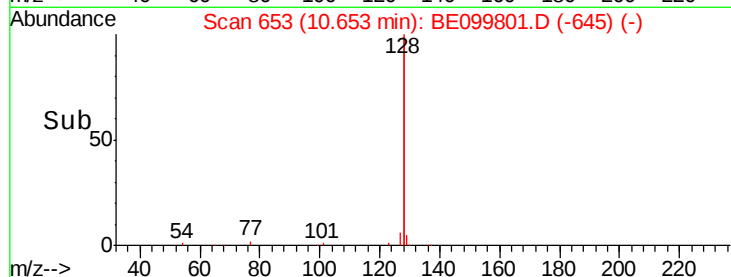
127 3.2 3.0 4.6



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: 1.624 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

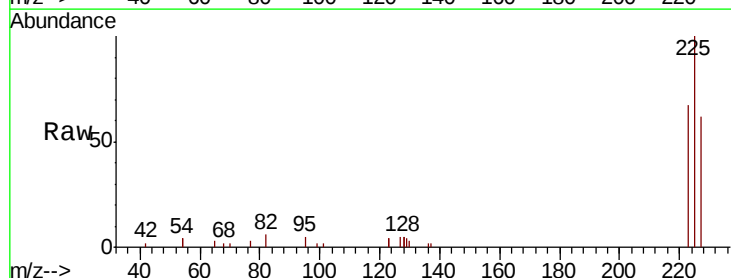
Tgt Ion:225 Resp: 4462

Ion Ratio Lower Upper

225 100

223 63.4 48.6 72.8

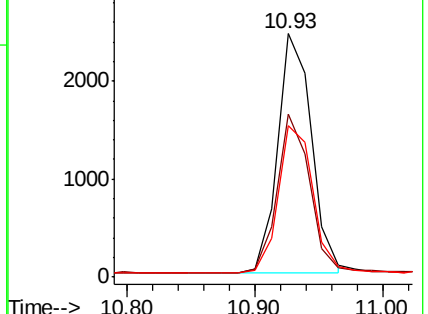
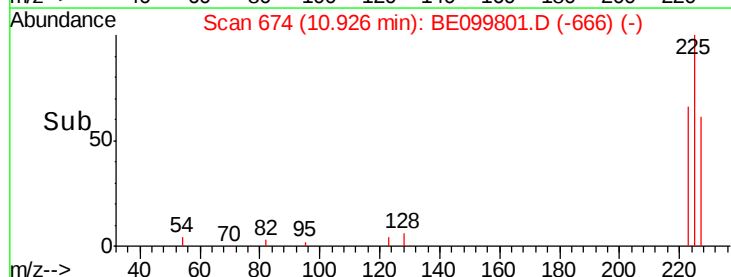
227 62.4 51.8 77.6

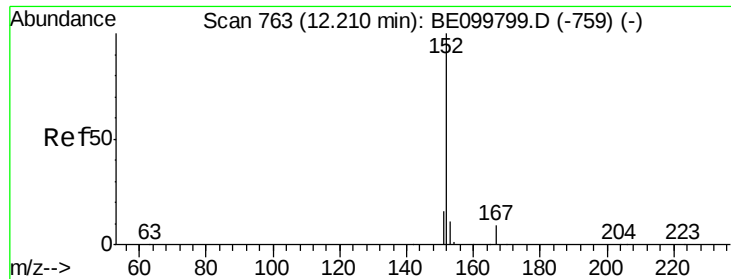


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

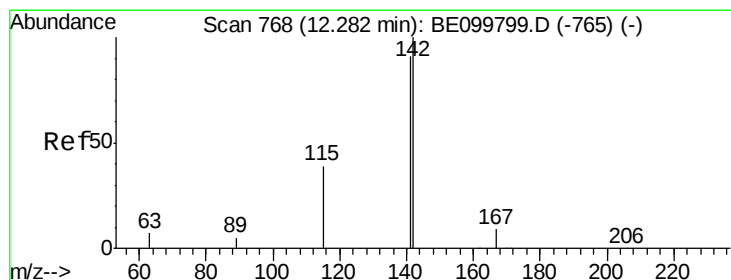
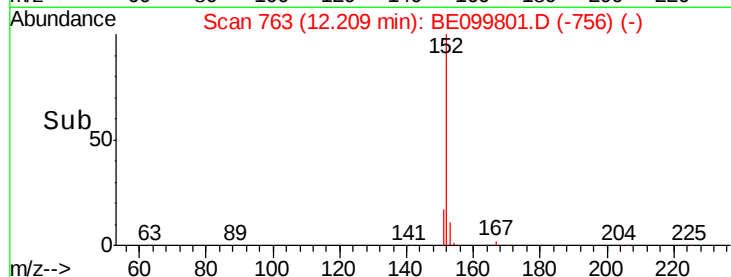
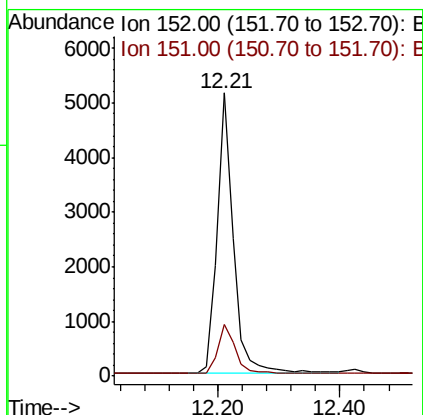
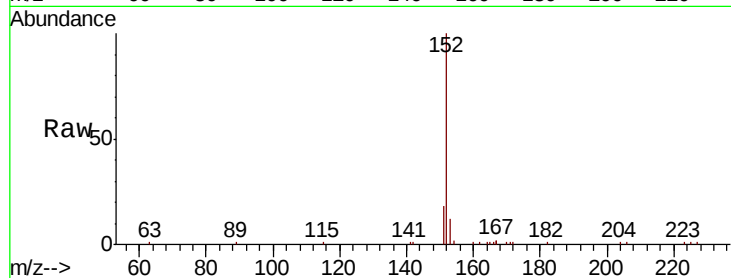




#11
2-Methylnaphthalene-d10
Concen: 1.600 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099801.D
Acq: 5 Jun 2019 11:36

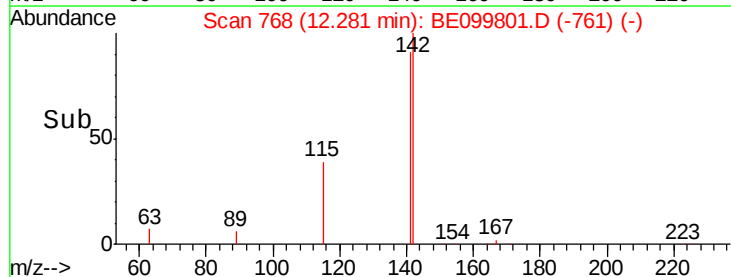
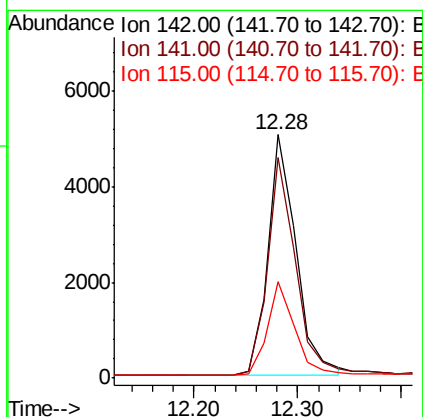
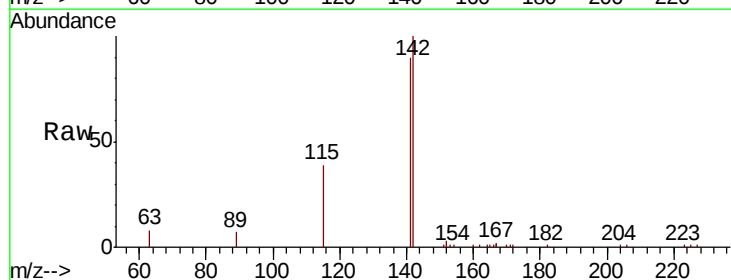
Instrument :
BNA_E
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SSTDICC1.6

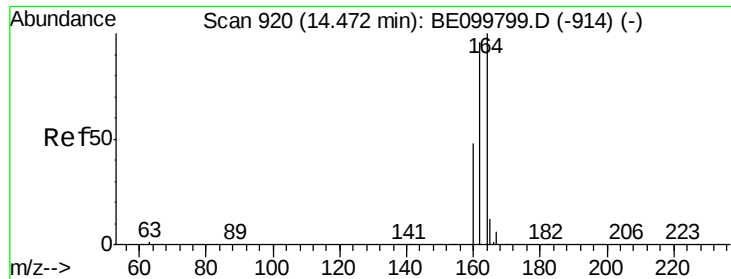
Tot Ion:152 Resp: 9635
Ion Ratio Lower Upper
152 100
151 19.1 15.5 23.3



#12
2-Methylnaphthalene
Concen: 1.573 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE099801.D
Acq: 5 Jun 2019 11:36

Tgt Ion:142 Resp: 9574
Ion Ratio Lower Upper
142 100
141 90.5 73.3 109.9
115 39.4 33.4 50.2

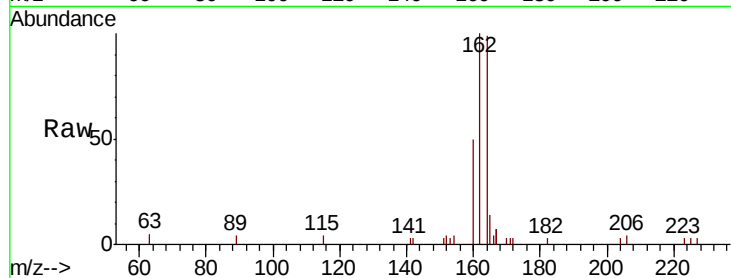




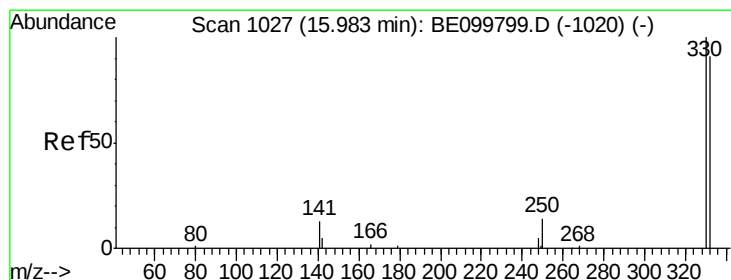
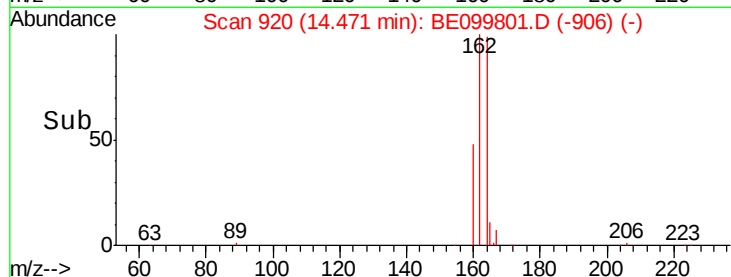
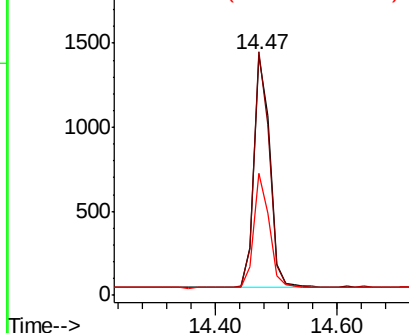
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099801.D
Acq: 5 Jun 2019 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:164 Resp: 2461
Ion Ratio Lower Upper
164 100
162 101.5 77.2 115.8
160 50.6 39.4 59.2

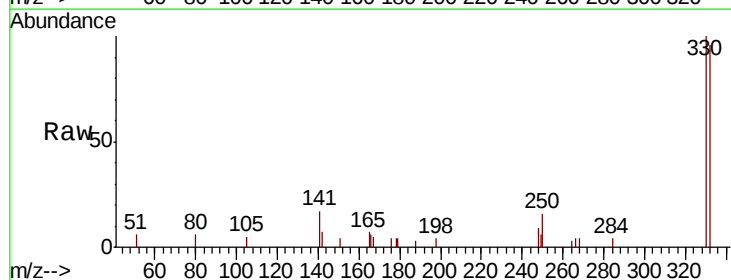


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

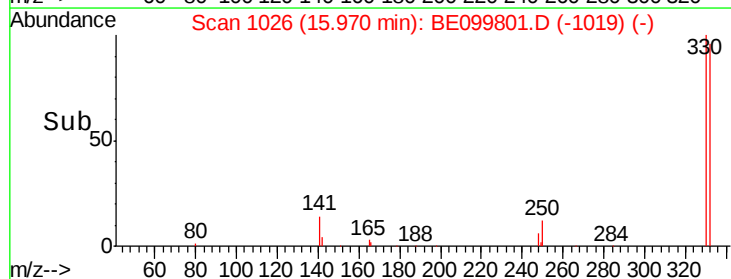
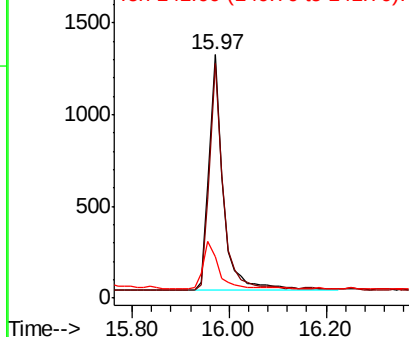


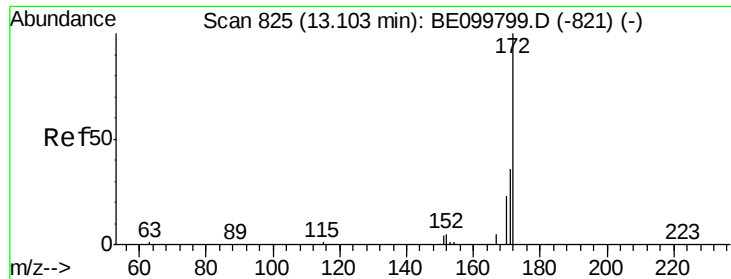
#14
2,4,6-Tribromophenol
Concen: 1.746 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099801.D
Acq: 5 Jun 2019 11:36

Tgt Ion:330 Resp: 2545
Ion Ratio Lower Upper
330 100
332 93.0 72.9 109.3
141 21.8 15.6 23.4



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

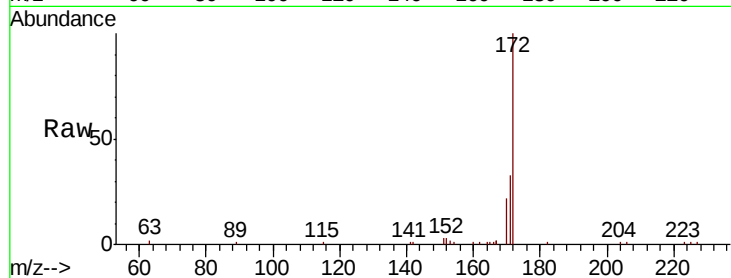




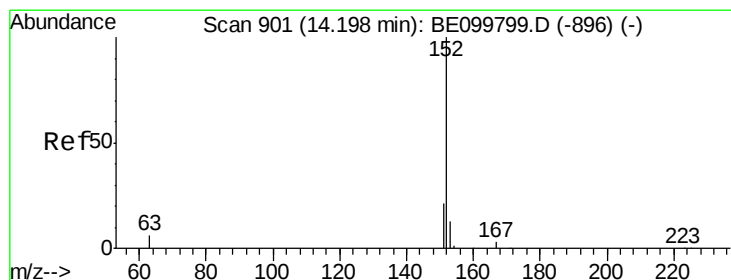
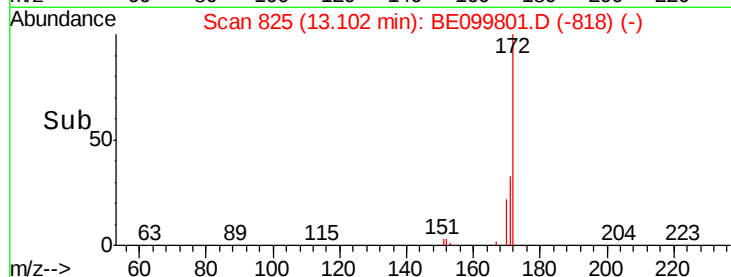
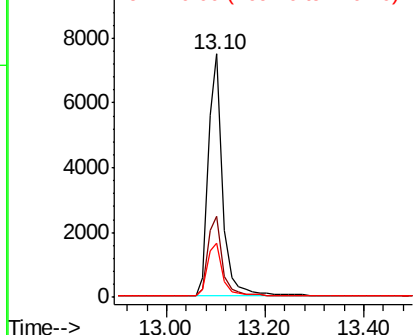
#15
2-Fluorobiphenyl
Concen: 1.607 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099801.D
Acq: 5 Jun 2019 11:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:172 Resp: 15005
Ion Ratio Lower Upper
172 100
171 33.1 30.2 45.4
170 22.1 20.1 30.1

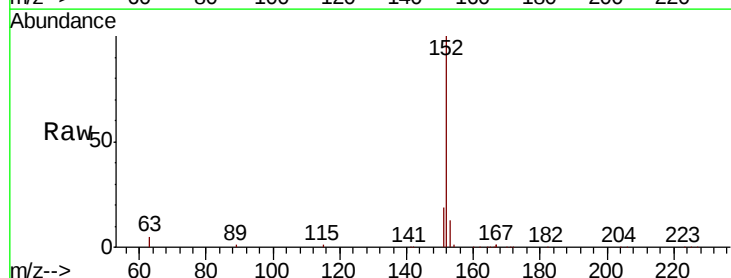


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

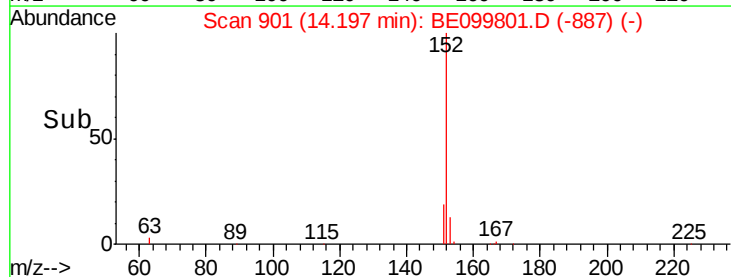
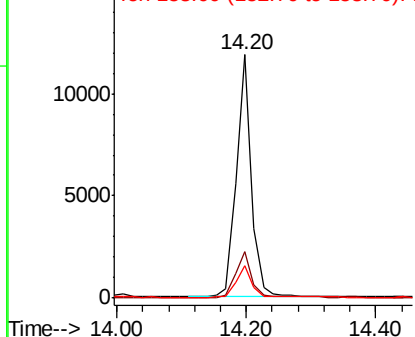


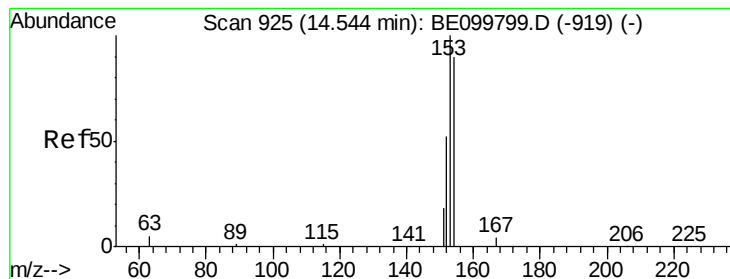
#16
Acenaphthylene
Concen: 1.676 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099801.D
Acq: 5 Jun 2019 11:36

Tgt Ion:152 Resp: 19229
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 13.2 10.8 16.2



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: 1.656 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

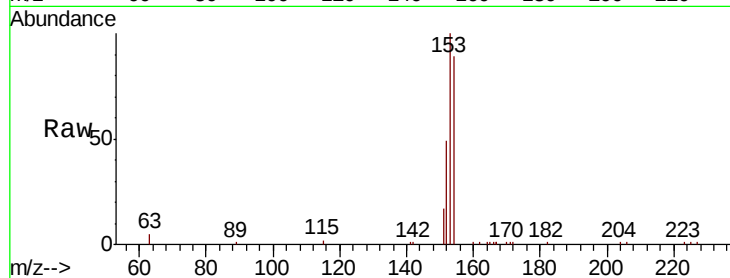
Tot Ion:154 Resp: 10664

Ion Ratio Lower Upper

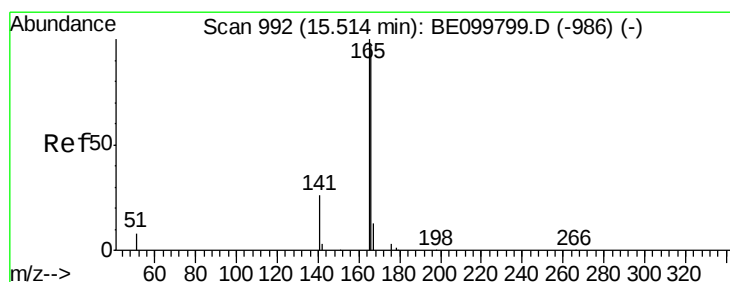
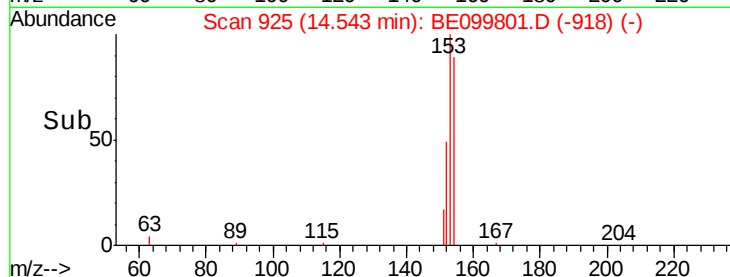
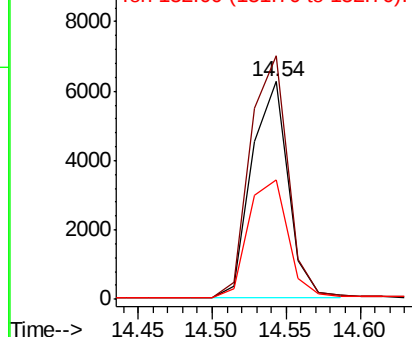
154 100

153 115.1 92.8 139.2

152 59.3 47.7 71.5



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: 1.660 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

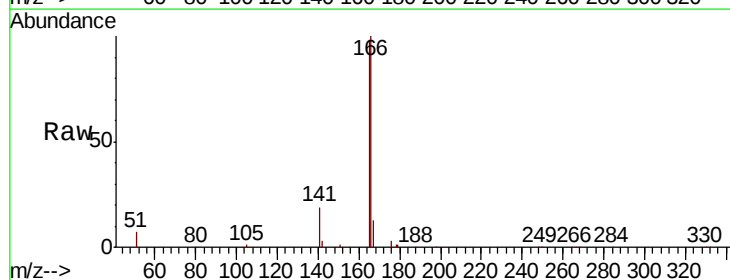
Tgt Ion:166 Resp: 15737

Ion Ratio Lower Upper

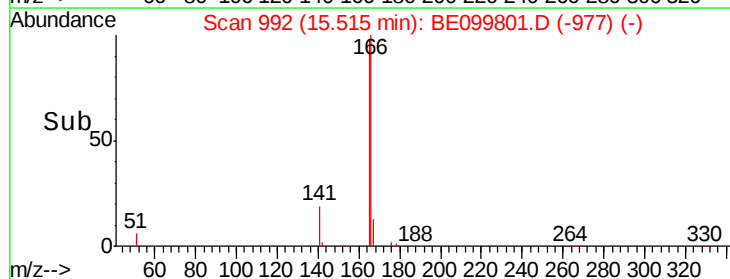
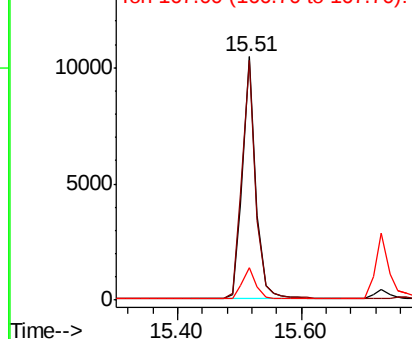
166 100

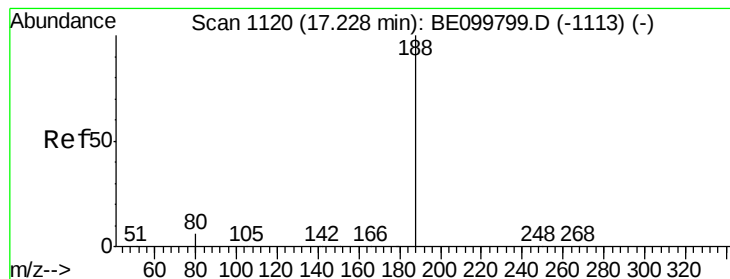
165 100.6 80.4 120.6

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: BE099801.D

Acq: 5 Jun 2019 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

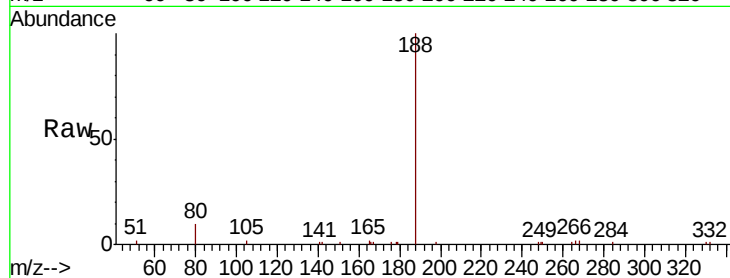
Tot Ion:188 Resp: 8059

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

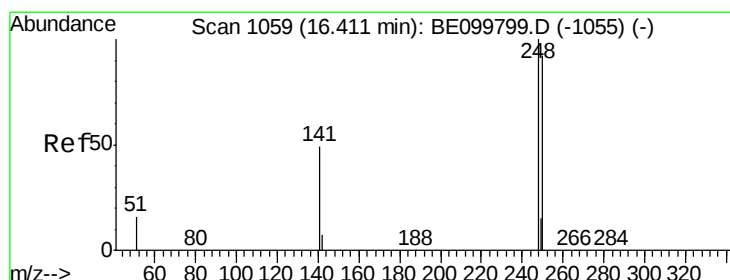
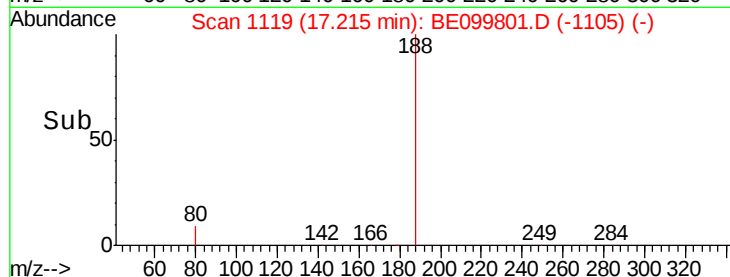
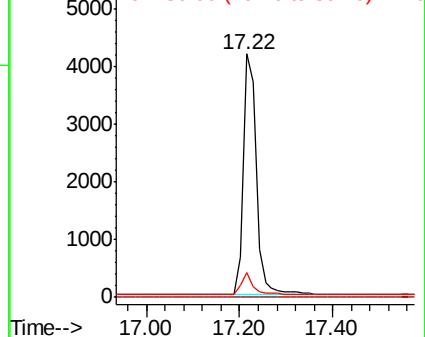
80 10.3 5.2 7.8#



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: 1.584 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

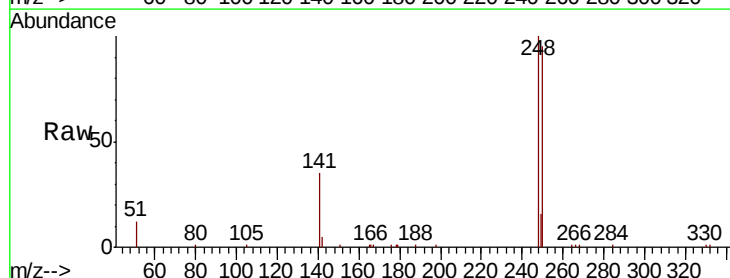
Tgt Ion:248 Resp: 7360

Ion Ratio Lower Upper

248 100

250 95.1 73.7 110.5

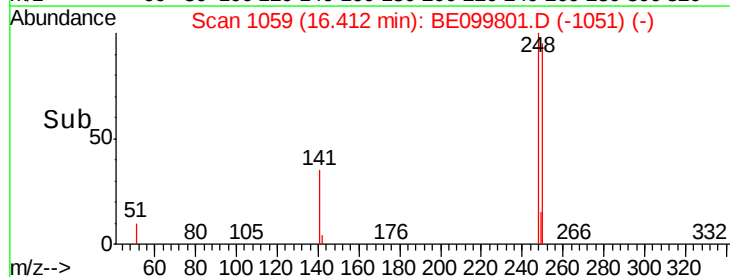
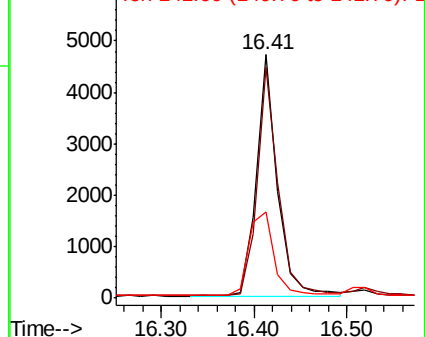
141 35.4 40.9 61.3#

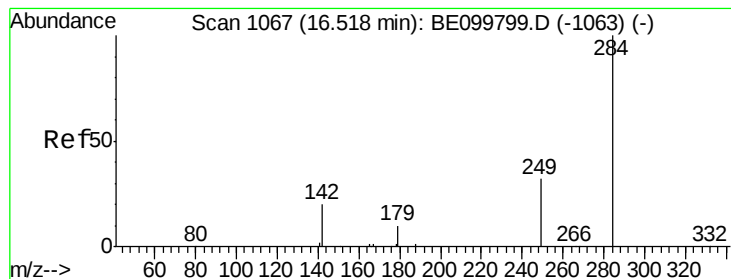


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.618 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

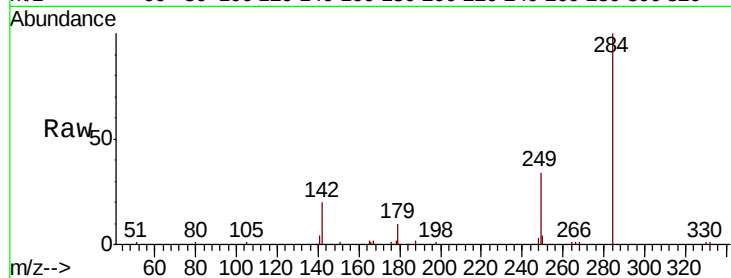
Tot Ion:284 Resp: 7694

Ion Ratio Lower Upper

284 100

142 21.9 16.2 24.4

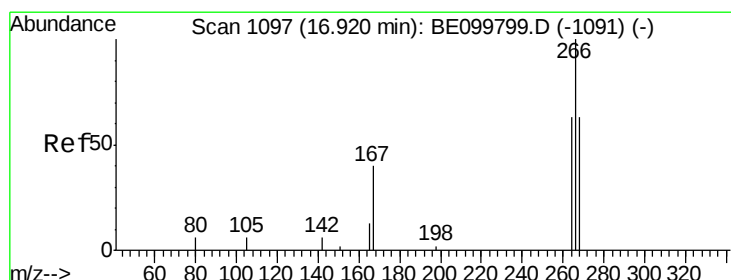
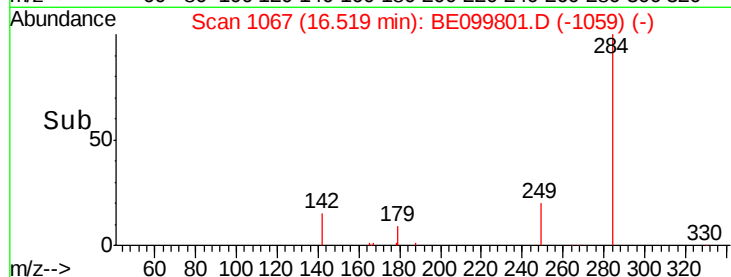
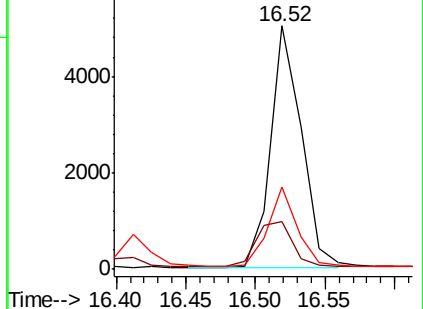
249 31.4 23.0 34.6



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: 1.239 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

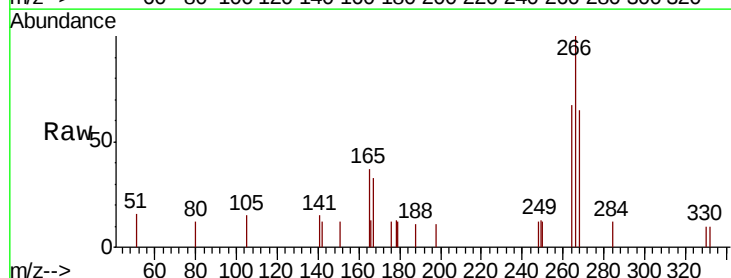
Tgt Ion:266 Resp: 1696

Ion Ratio Lower Upper

266 100

264 67.0 64.9 97.3

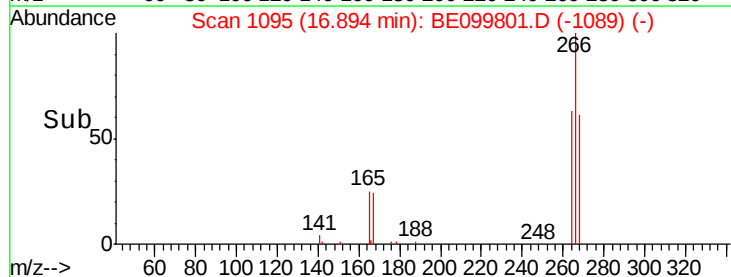
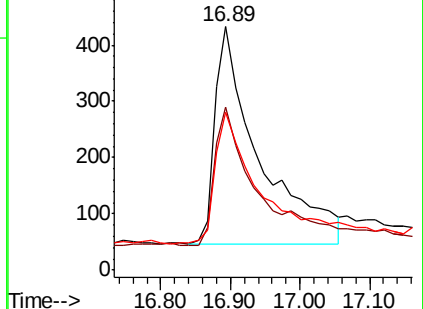
268 64.7 64.0 96.0

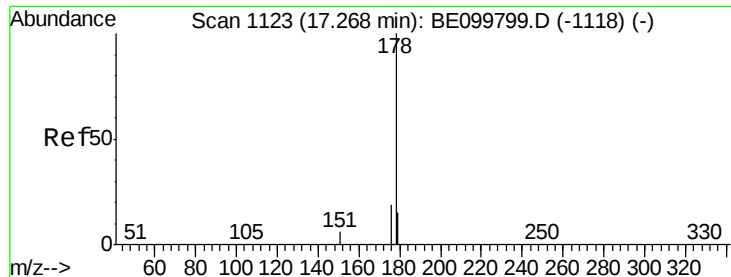


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

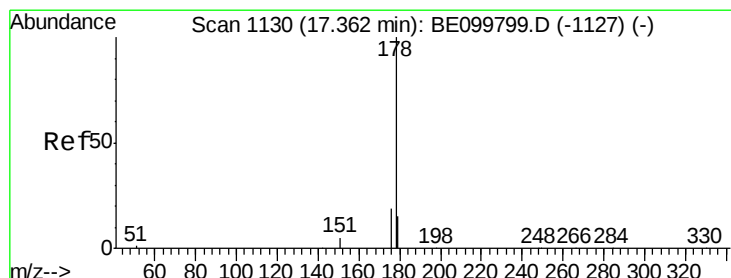
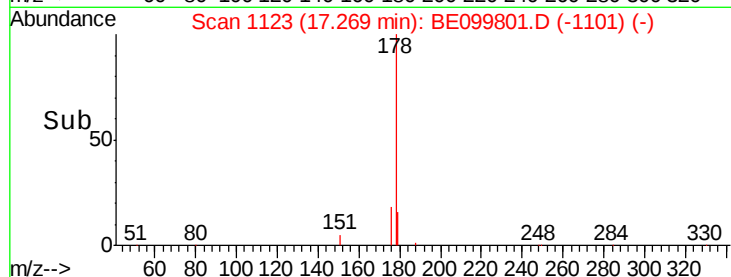
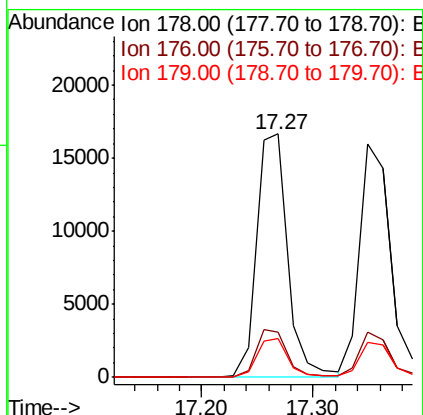
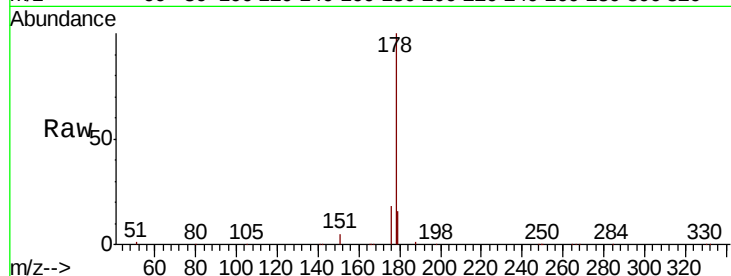




#23
Phenanthrene
Concen: 1.636 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099801.D
Acq: 5 Jun 2019 11:36

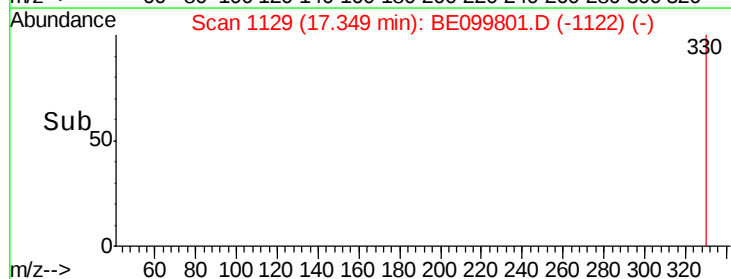
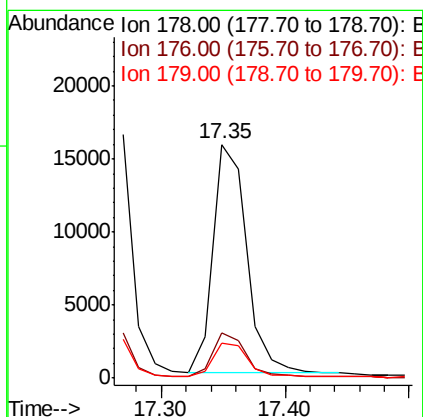
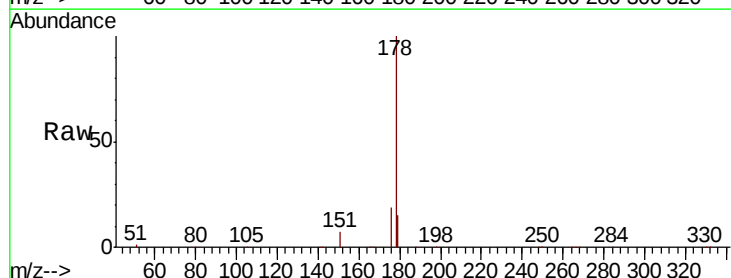
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

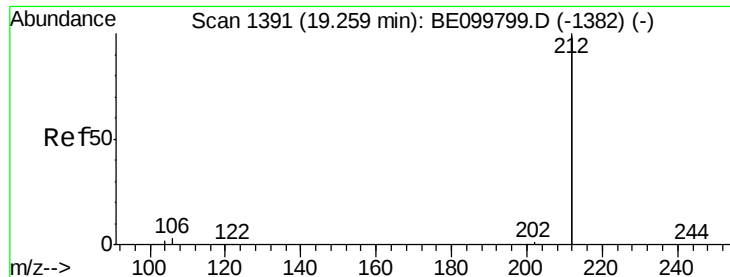
Tot Ion:178 Resp: 32224
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.5 18.7



#24
Anthracene
Concen: 1.660 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BE099801.D
Acq: 5 Jun 2019 11:36

Tgt Ion:178 Resp: 29652
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.2 12.1 18.1





#25

Fluoranthene-d10

Concen: 1.899 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

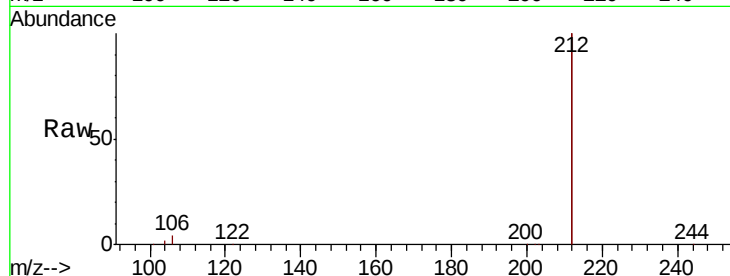
Tot Ion:212 Resp: 209106

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

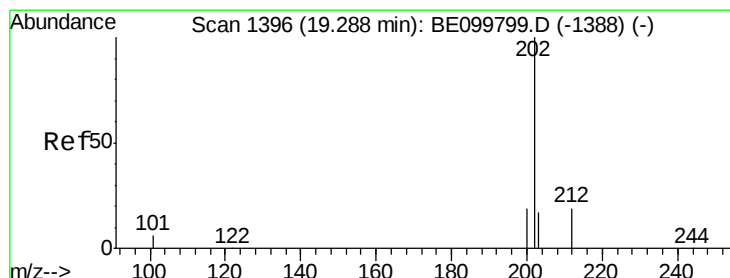
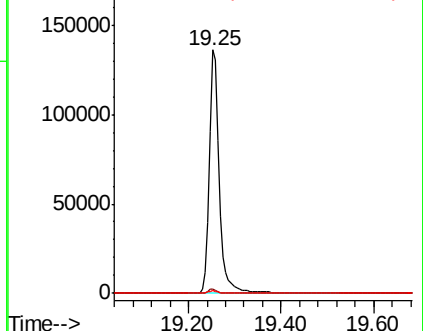
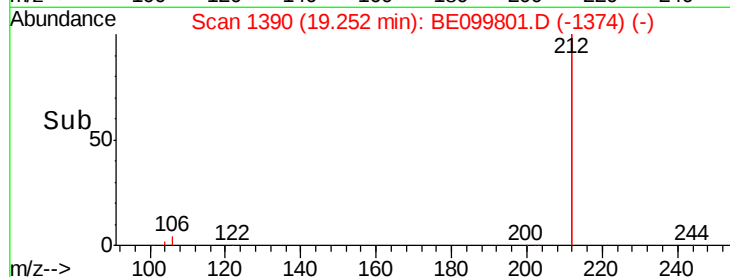
104 1.0 0.8 1.2



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: 1.916 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

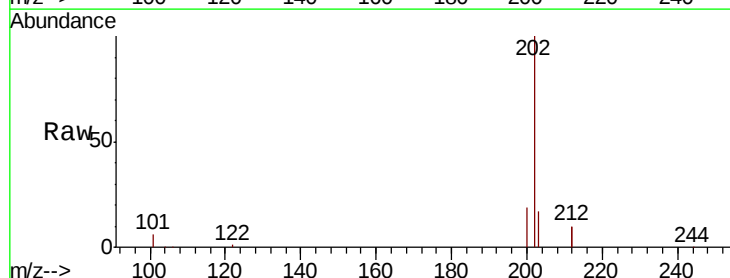
Tgt Ion:202 Resp: 59645

Ion Ratio Lower Upper

202 100

101 6.6 5.2 7.8

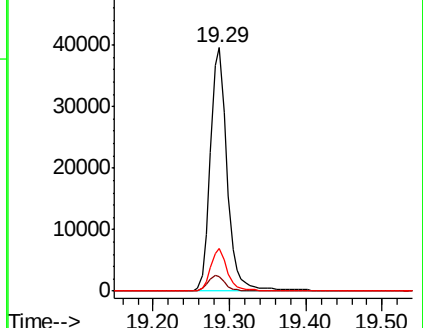
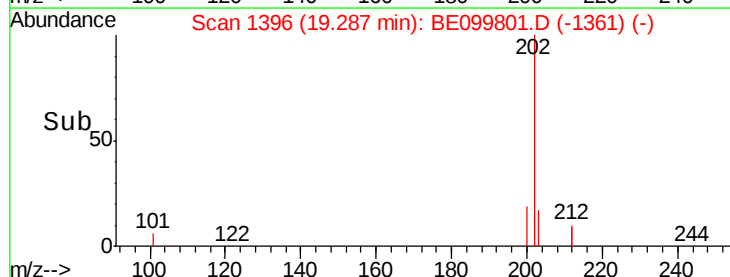
203 17.1 13.6 20.4

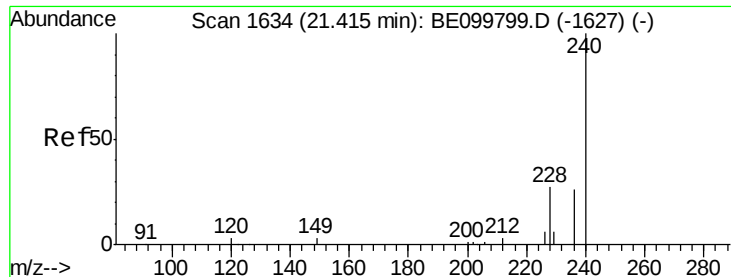


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

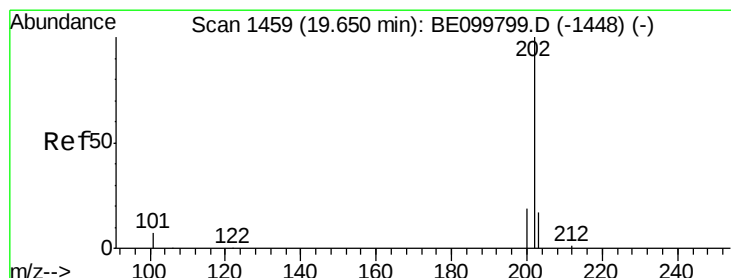
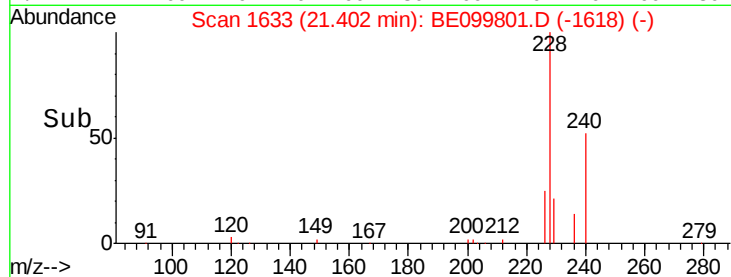
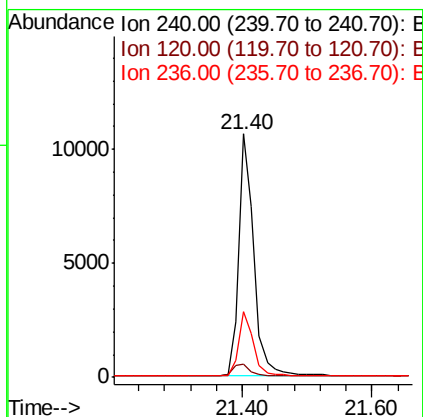
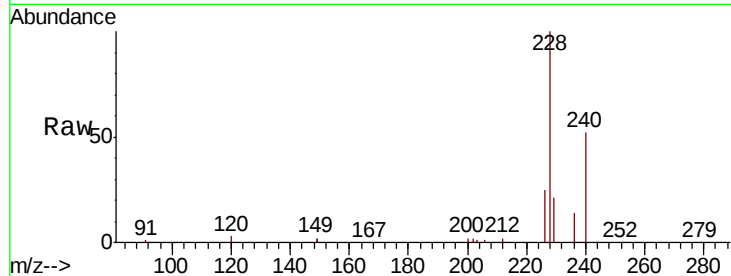




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099801.D
Acq: 5 Jun 2019 11:36

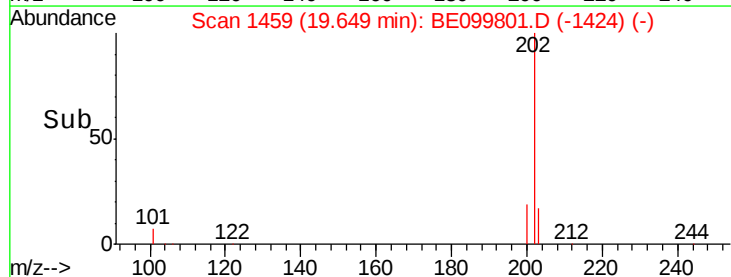
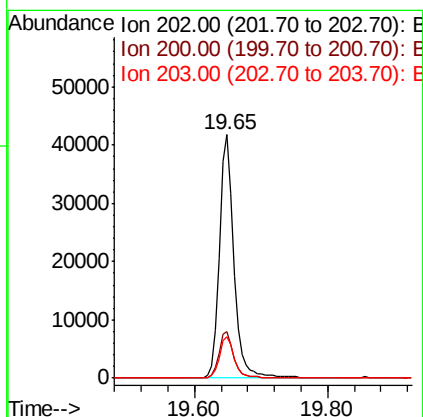
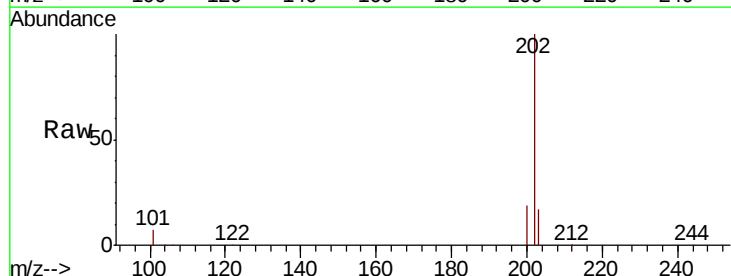
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

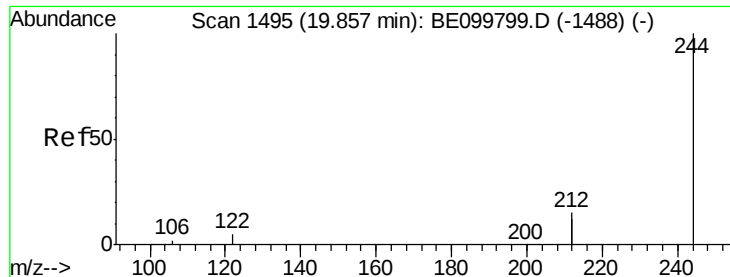
Tot Ion:240 Resp: 17359
Ion Ratio Lower Upper
240 100
120 5.6 2.8 4.2#
236 26.9 20.9 31.3



#28
Pyrene
Concen: 1.426 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BE099801.D
Acq: 5 Jun 2019 11:36

Tgt Ion:202 Resp: 62171
Ion Ratio Lower Upper
202 100
200 19.3 15.6 23.4
203 17.4 14.1 21.1





#29

Terphenyl-d14

Concen: 1.400 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

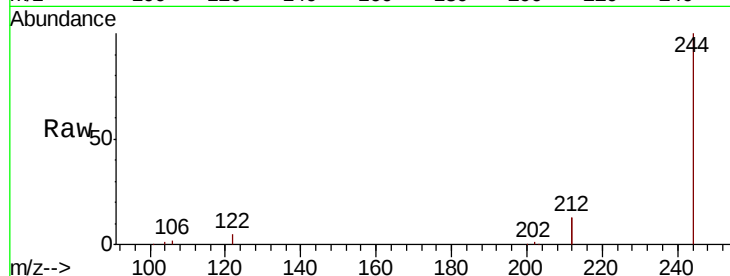
Tot Ion:244 Resp: 43373

Ion Ratio Lower Upper

244 100

212 25.9 23.7 35.5

122 5.1 4.8 7.2

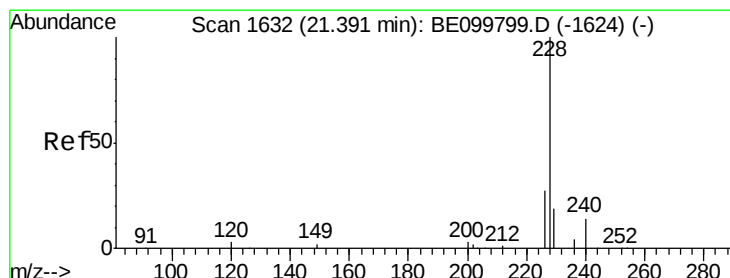
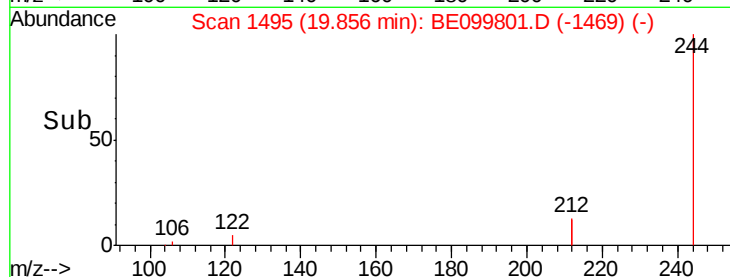
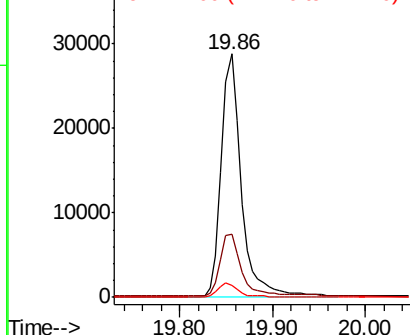


Abundance

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: 1.592 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

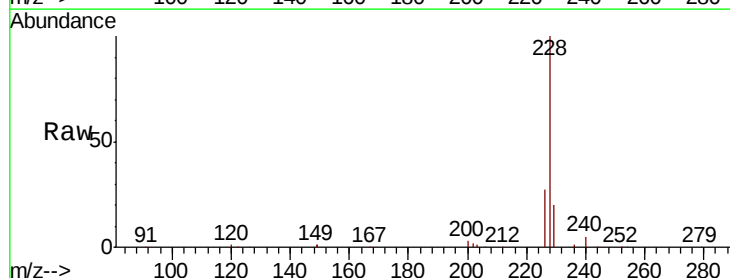
Tgt Ion:228 Resp: 78552

Ion Ratio Lower Upper

228 100

226 26.5 21.6 32.4

229 20.1 15.8 23.6

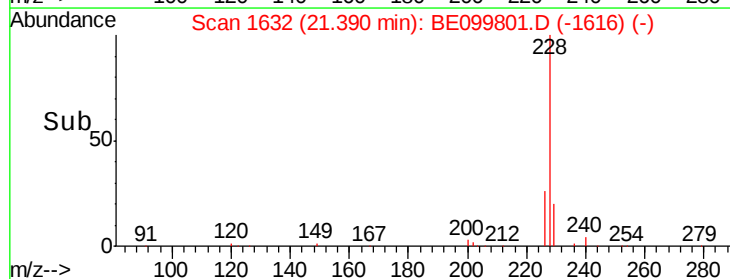
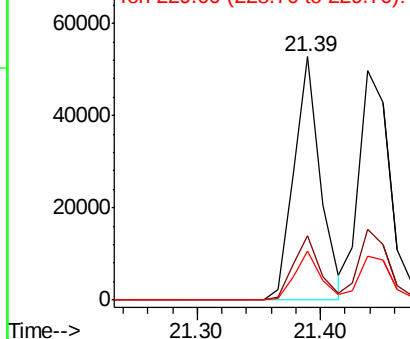


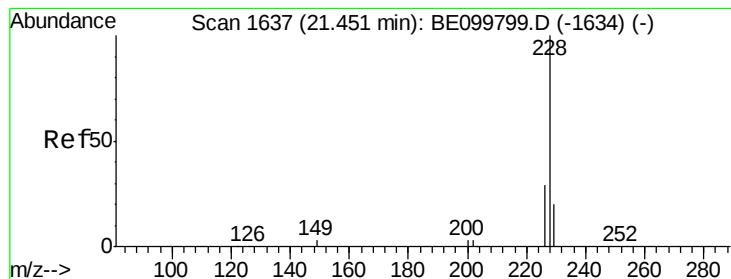
Abundance

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: 1.620 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

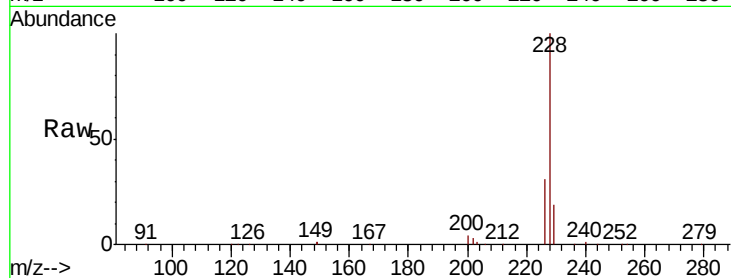
Tot Ion:228 Resp: 85424

Ion Ratio Lower Upper

228 100

226 30.8 22.9 34.3

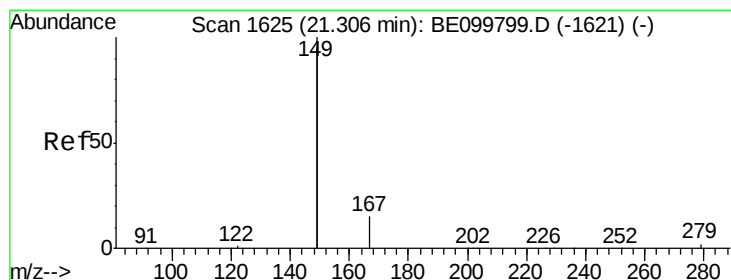
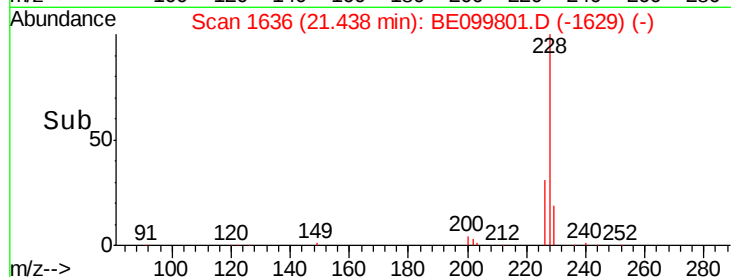
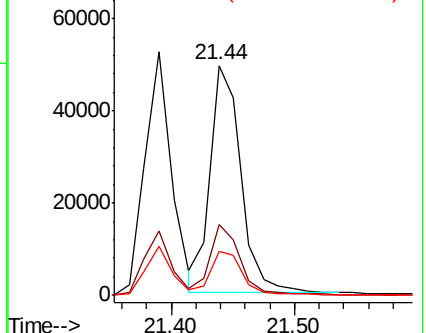
229 19.3 16.4 24.6



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: 1.474 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

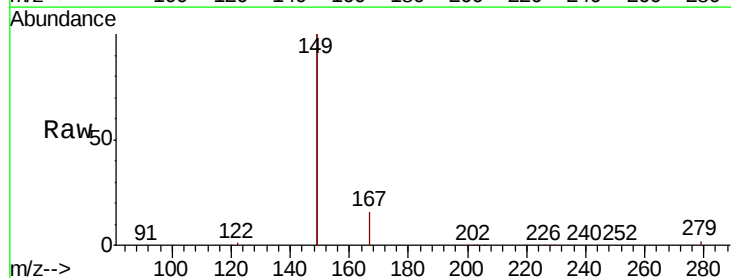
Tgt Ion:149 Resp: 83781

Ion Ratio Lower Upper

149 100

167 7.7 6.0 9.0

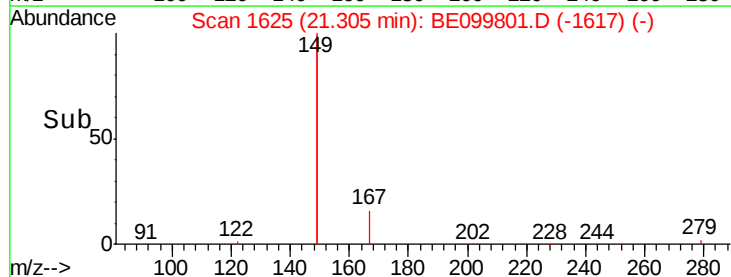
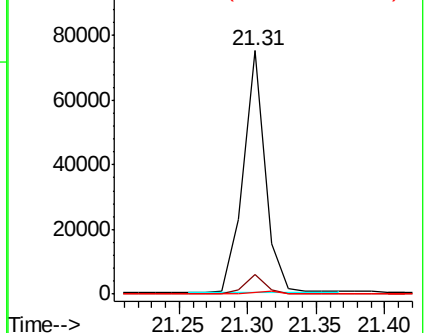
279 1.5 1.2 1.8

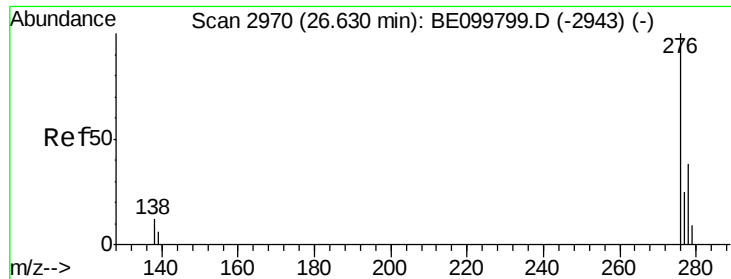


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

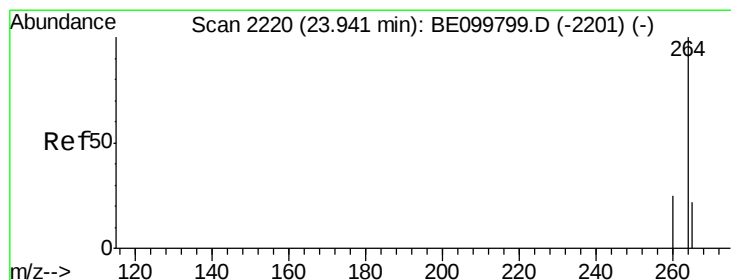
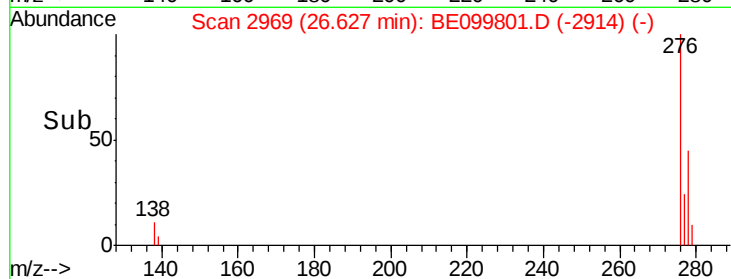
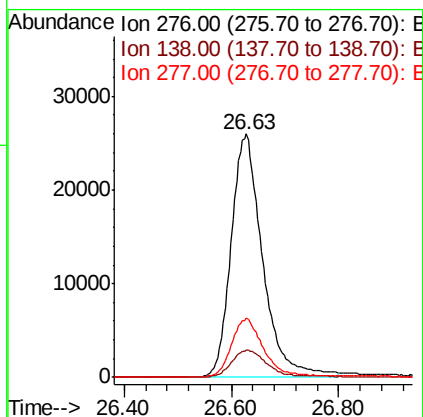
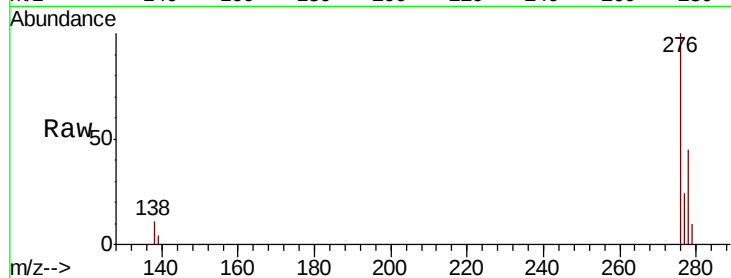




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.650 ng
 RT: 26.63 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BE099801.D
 Acq: 5 Jun 2019 11:36

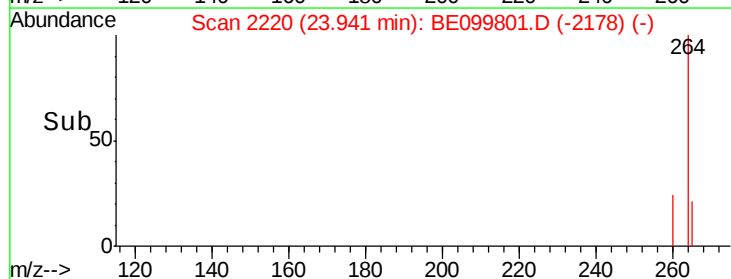
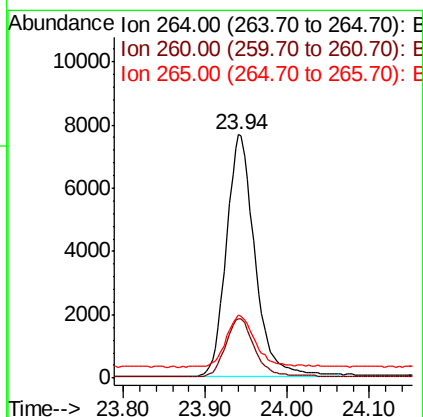
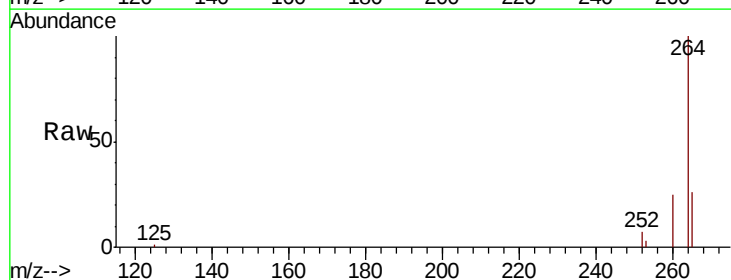
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

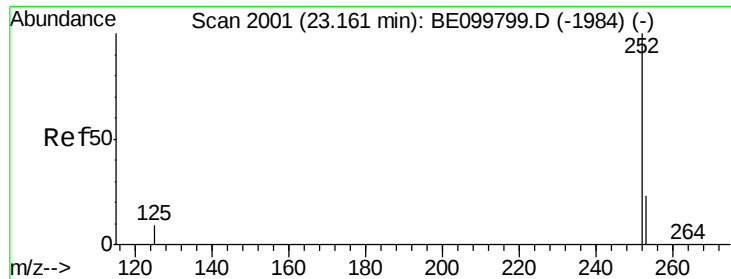
Tot Ion	Ratio	Lower	Upper
276	100		
138	12.1	10.3	15.5
277	24.6	19.4	29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BE099801.D
 Acq: 5 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	25.9	20.7	31.1

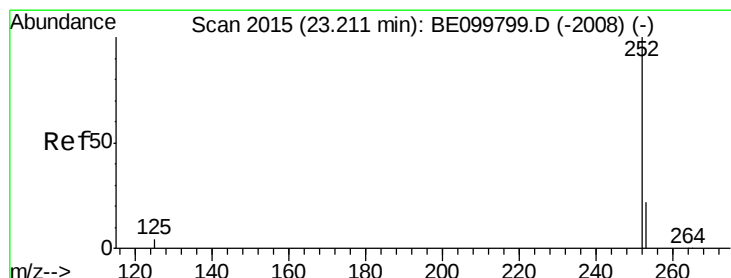
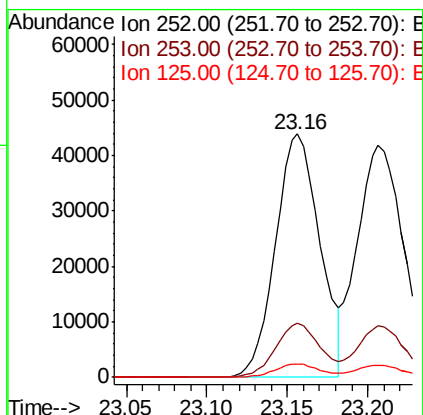
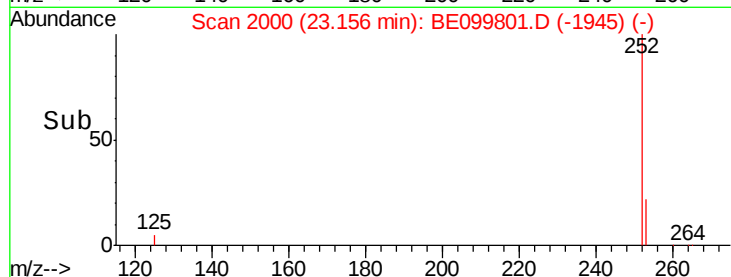
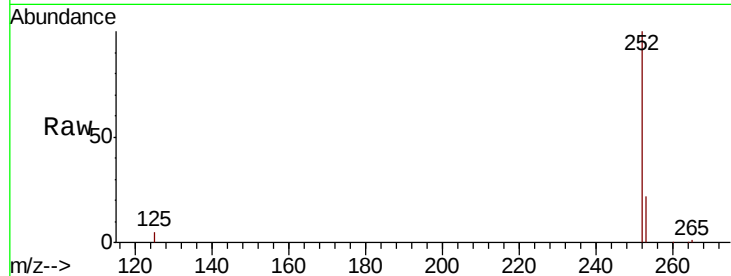




#35
Benzo(b)fluoranthene
Concen: 1.653 ng
RT: 23.16 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BE099801.D
Acq: 5 Jun 2019 11:36

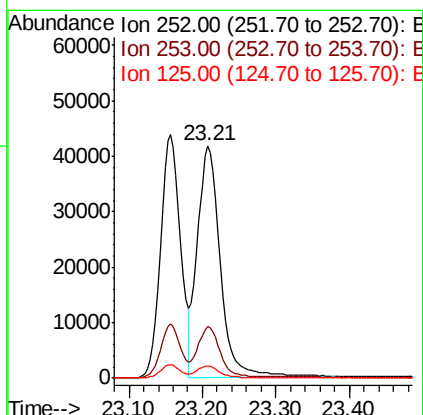
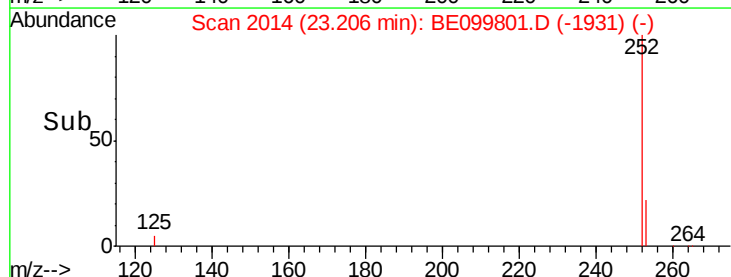
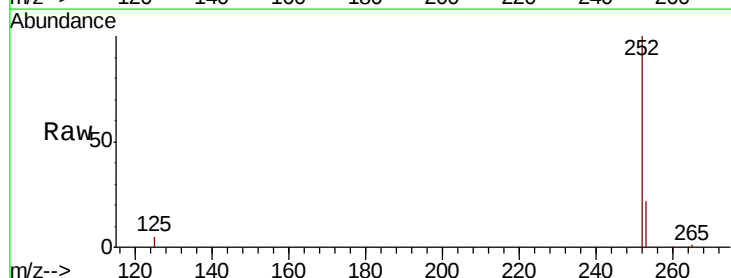
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

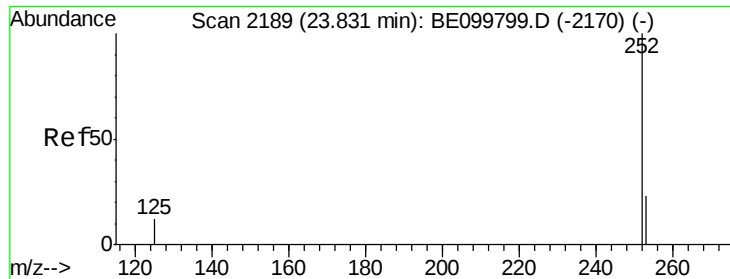
Tot Ion:252 Resp: 83632
Ion Ratio Lower Upper
252 100
253 22.2 18.9 28.3
125 5.4 7.6 11.4#



#36
Benzo(k)fluoranthene
Concen: 1.689 ng
RT: 23.21 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE099801.D
Acq: 5 Jun 2019 11:36

Tgt Ion:252 Resp: 89076
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 5.1 4.6 7.0





#37

Benzo(a)pyrene

Concen: 1.664 ng

RT: 23.82 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

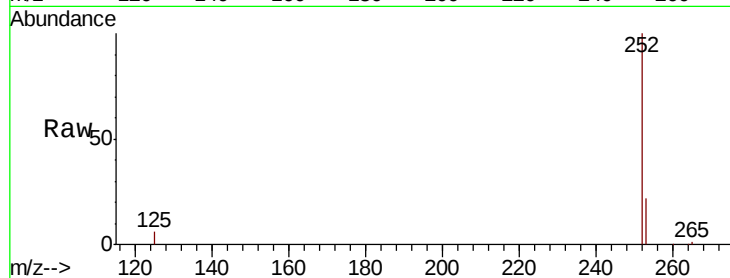
Tot Ion:252 Resp: 81031

Ion Ratio Lower Upper

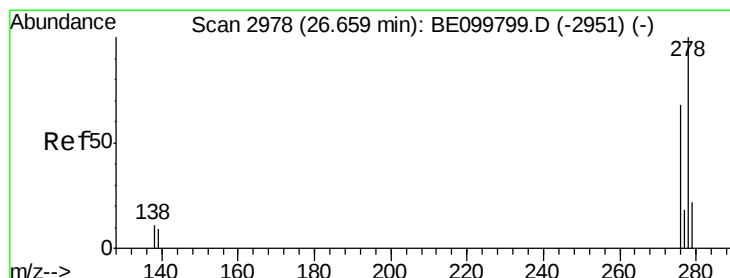
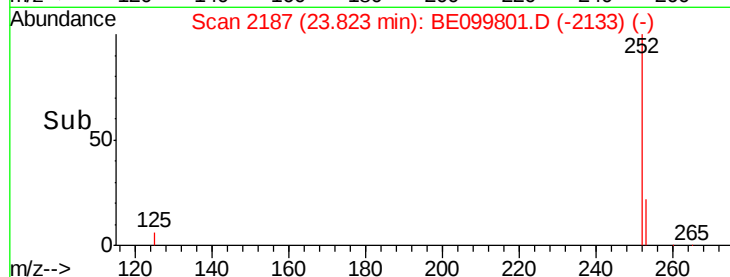
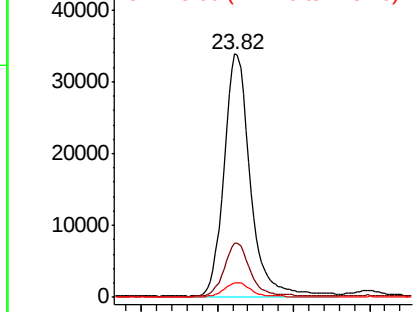
252 100

253 22.2 19.3 28.9

125 6.1 10.2 15.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 1.667 ng

RT: 26.65 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

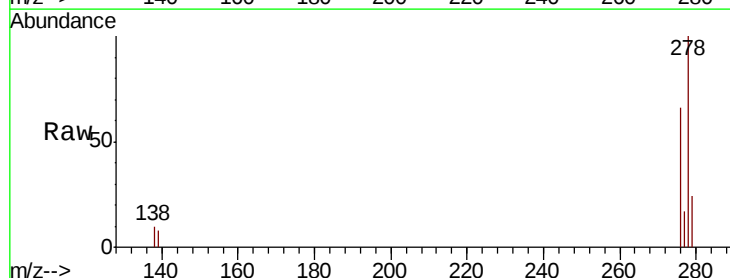
Tgt Ion:278 Resp: 85229

Ion Ratio Lower Upper

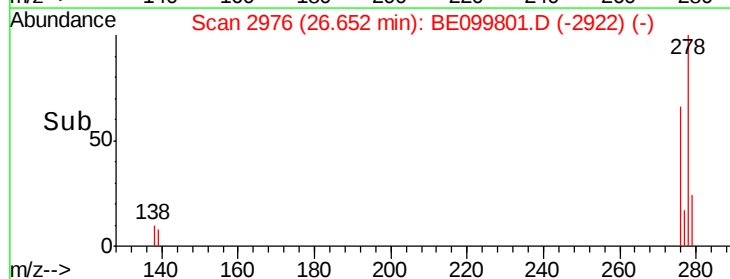
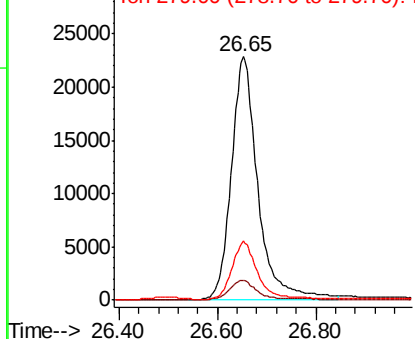
278 100

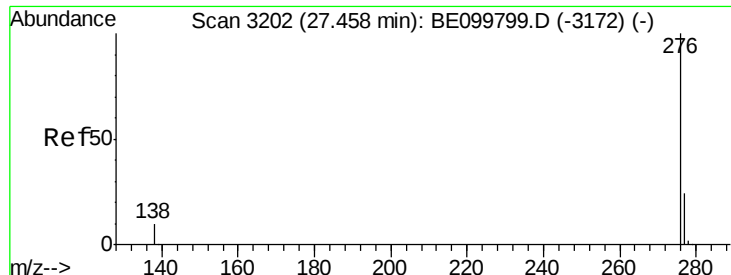
139 8.2 7.9 11.9

279 24.1 18.5 27.7



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: 1.702 ng

RT: 27.45 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BE099801.D

Acq: 5 Jun 2019 11:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

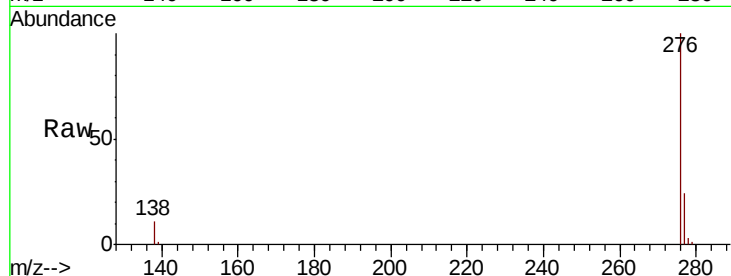
Tot Ion: 276 Resp: 87883

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 10.9 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

