

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099802.D
 Acq On : 5 Jun 2019 12:15
 Operator : JU/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Jun 05 13:30:40 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	7.81	152	1661	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	5801	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	4014	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	11606	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	18779	0.40	ng	-0.01
34) Perylene-d12	23.94	264	18783	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	13734	3.27	ng	0.00
5) Phenol-d6	6.96	99	18750	3.37	ng	0.00
8) Nitrobenzene-d5	8.96	82	18622	3.71	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	33693	3.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	9538	4.01	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	52073	3.42	ng	-0.02
25) Fluoranthene-d10	19.25	212	533810	3.37	ng	0.00
29) Terphenyl-d14	19.85	244	108691	3.24	ng	0.00

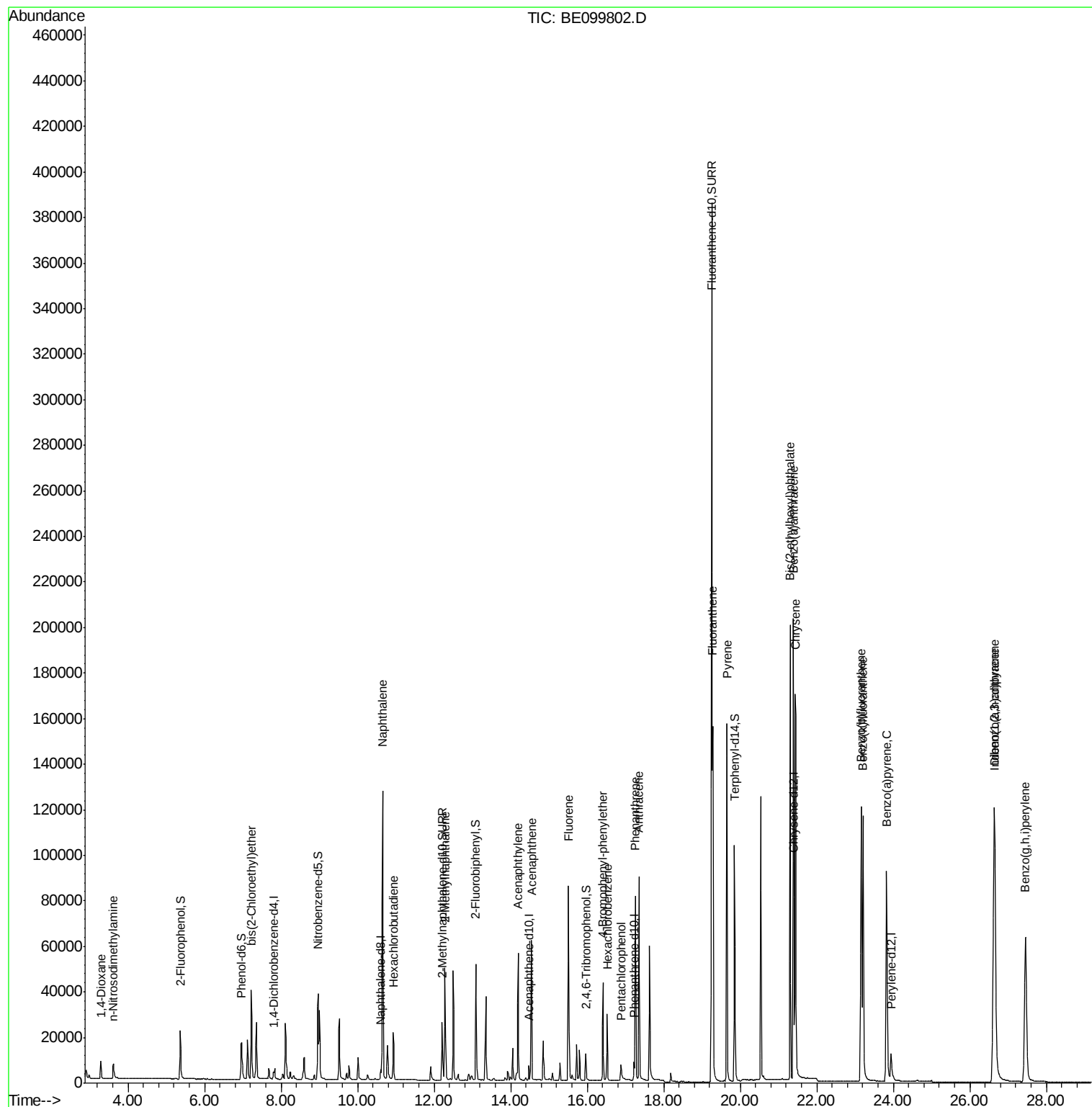
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	7246	2.947	ng	95
3) n-Nitrosodimethylamine	3.60	42	4440	3.270	ng	# 88
6) bis(2-Chloroethyl)ether	7.22	93	16113	3.261	ng	99
9) Naphthalene	10.65	128	204993	3.304	ng	98
10) Hexachlorobutadiene	10.93	225	15249	3.338	ng	98
12) 2-Methylnaphthalene	12.28	142	34783	3.439	ng	95
16) Acenaphthylene	14.20	152	65932	3.524	ng	99
17) Acenaphthene	14.54	154	36203	3.448	ng	100
18) Fluorene	15.51	166	52548	3.398	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	23938	3.577	ng	# 82
21) Hexachlorobenzene	16.52	284	24736	3.612	ng	97
22) Pentachlorophenol	16.88	266	7019	3.560	ng	# 82
23) Phenanthrene	17.26	178	97334	3.432	ng	99
24) Anthracene	17.35	178	93970	3.654	ng	99
26) Fluoranthene	19.28	202	152019	3.391	ng	99
28) Pyrene	19.65	202	154816	3.281	ng	100
30) Benzo(a)anthracene	21.39	228	177664	3.329	ng	99
31) Chrysene	21.44	228	184824	3.240	ng	96
32) Bis(2-ethylhexyl)phthalate	21.31	149	197503	3.212	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	220397	3.200	ng	99
35) Benzo(b)fluoranthene	23.16	252	176801	3.435	ng	# 94
36) Benzo(k)fluoranthene	23.21	252	190776	3.556	ng	98
37) Benzo(a)pyrene	23.83	252	171522	3.463	ng	# 91
38) Dibenzo(a,h)anthracene	26.66	278	181008	3.480	ng	98
39) Benzo(g,h,i)perylene	27.45	276	182865	3.482	ng	99

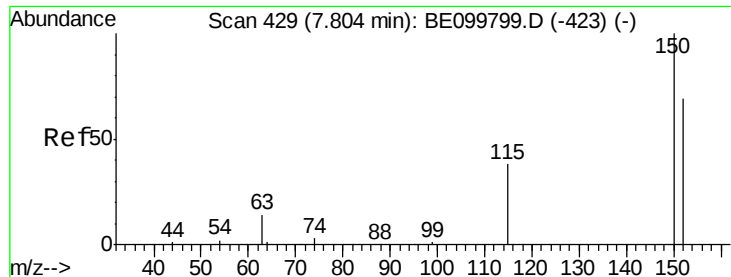
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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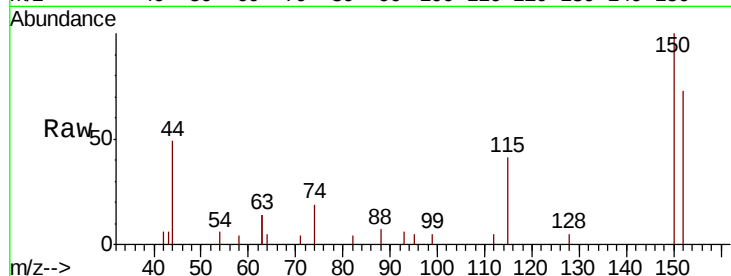


#1

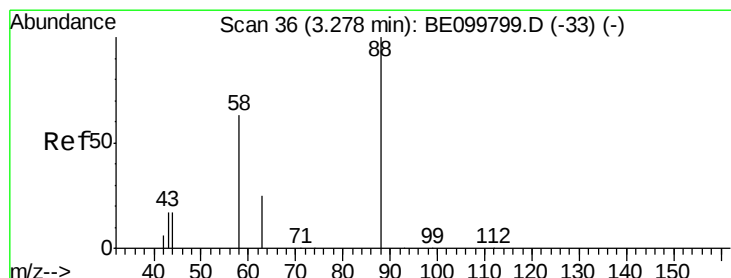
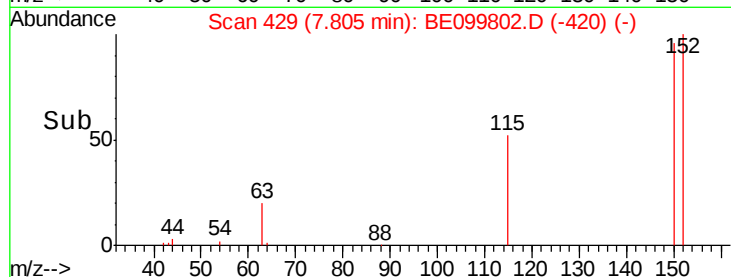
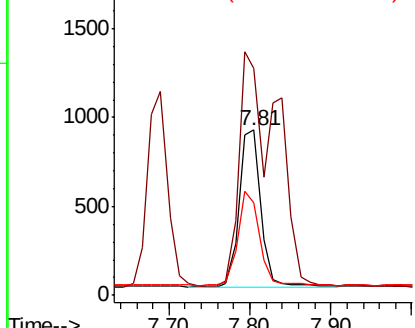
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099802.D
Acq: 5 Jun 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:152 Resp: 1661
Ion Ratio Lower Upper
152 100
150 137.5 112.8 169.2
115 56.0 47.6 71.4



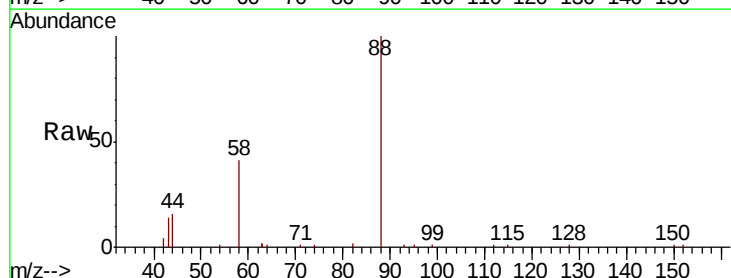
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



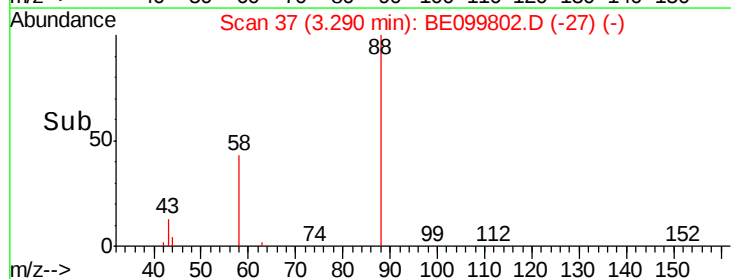
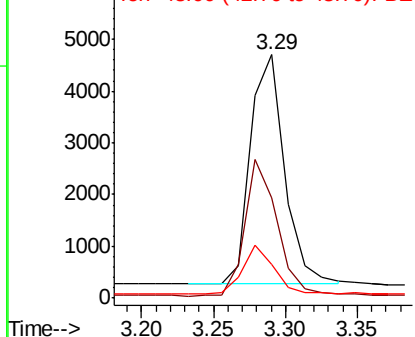
#2

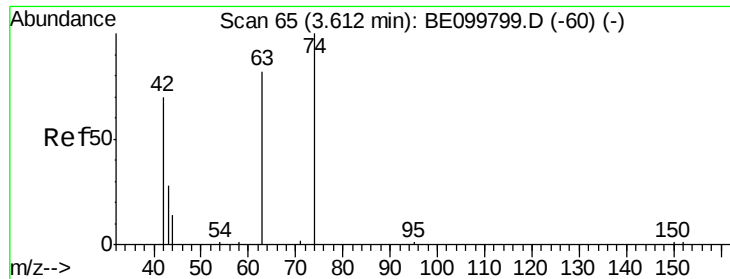
1,4-Dioxane
Concen: 2.947 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE099802.D
Acq: 5 Jun 2019 12:15

Tgt Ion: 88 Resp: 7246
Ion Ratio Lower Upper
88 100
58 56.3 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



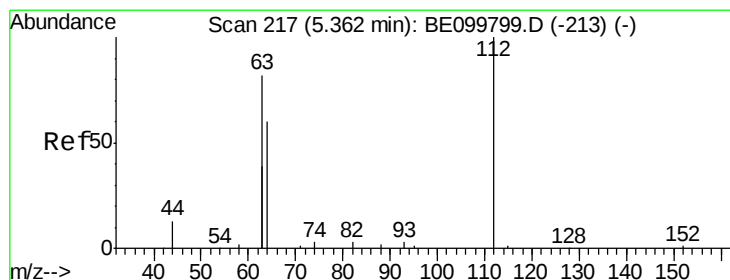
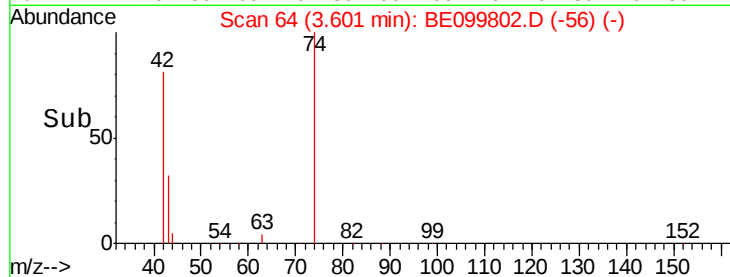
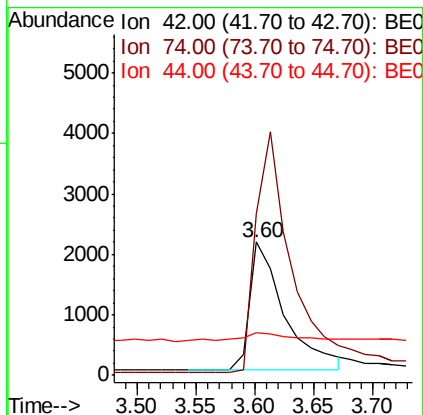
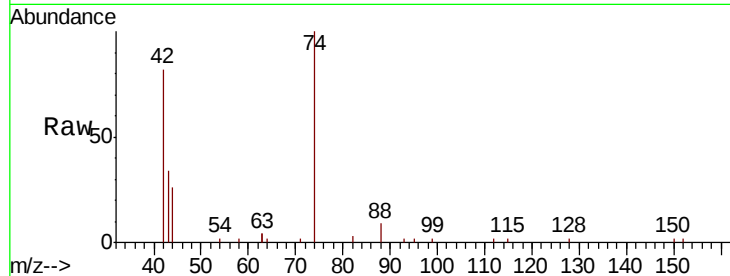


#3

n-Nitrosodimethylamine
 Concen: 3.270 ng
 RT: 3.60 min Scan# 64
 Delta R.T. -0.01 min
 Lab File: BE099802.D
 Acq: 5 Jun 2019 12:15

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

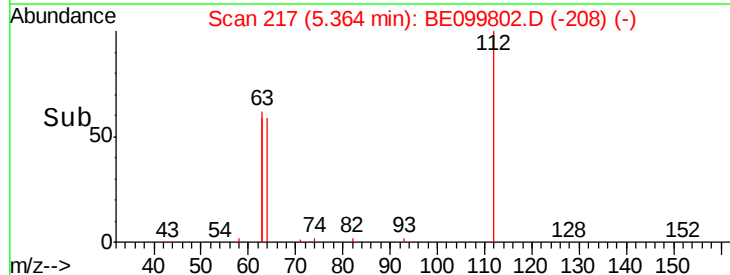
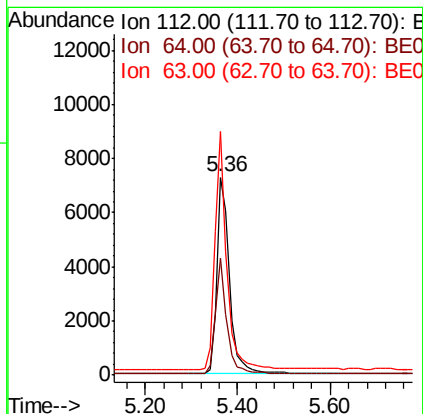
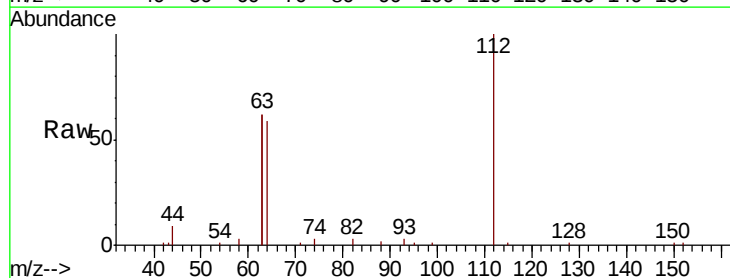
Tot Ion: 42 Resp: 4440
 Ion Ratio Lower Upper
 42 100
 74 189.0 137.8 206.6
 44 10.4 10.8 16.2#

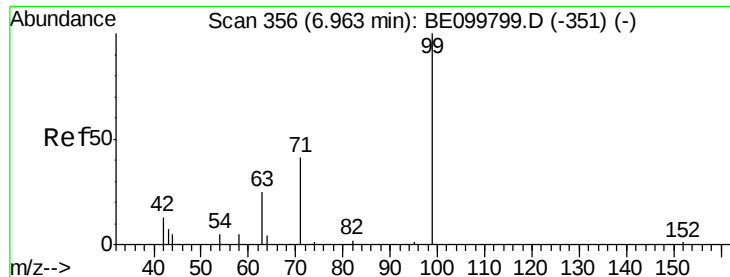


#4

2-Fluorophenol
 Concen: 3.272 ng
 RT: 5.36 min Scan# 217
 Delta R.T. 0.00 min
 Lab File: BE099802.D
 Acq: 5 Jun 2019 12:15

Tgt Ion: 112 Resp: 13734
 Ion Ratio Lower Upper
 112 100
 64 53.9 47.2 70.8
 63 111.5 90.7 136.1





#5

Phenol-d6

Concen: 3.375 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

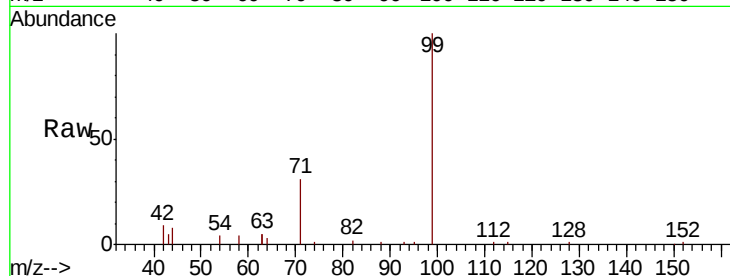
Tot Ion: 99 Resp: 18750

Ion Ratio Lower Upper

99 100

42 13.3 11.0 16.4

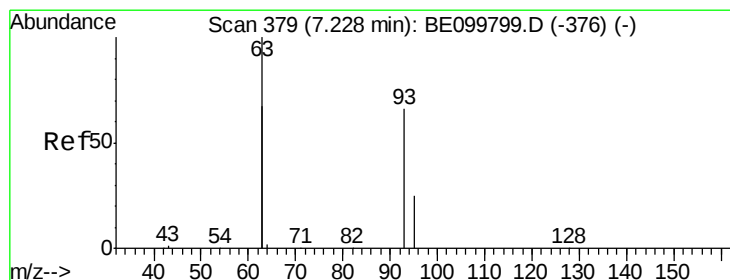
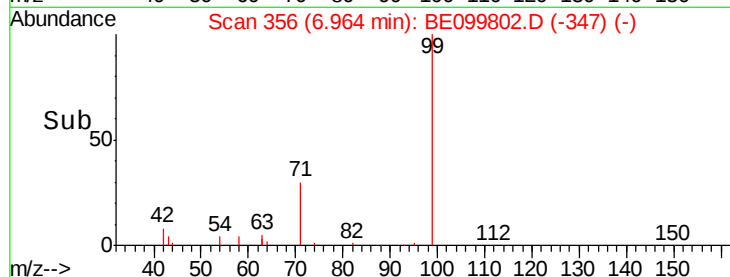
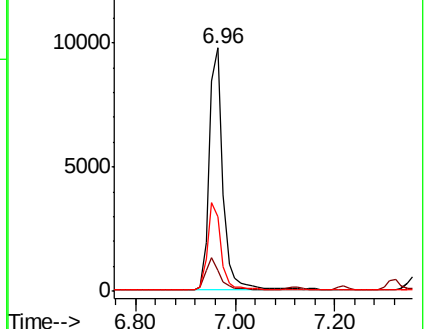
71 35.5 26.1 39.1



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: 3.261 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.01 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

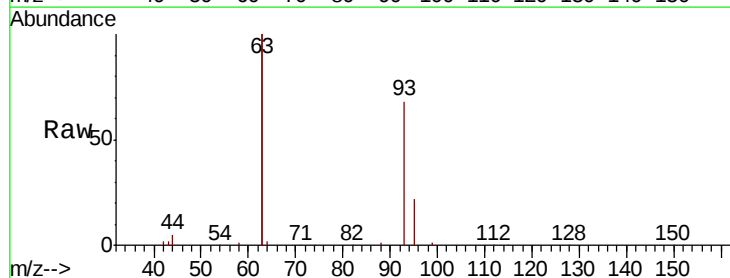
Tgt Ion: 93 Resp: 16113

Ion Ratio Lower Upper

93 100

63 262.0 208.8 313.2

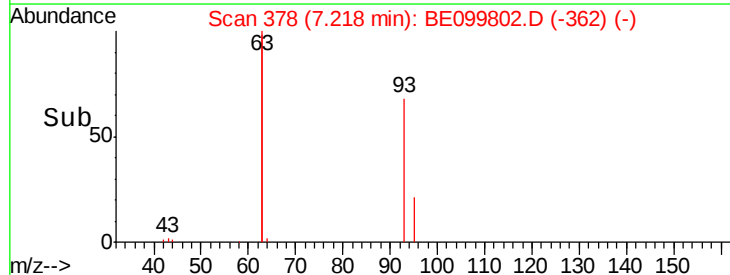
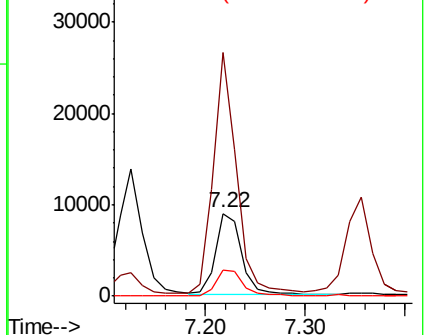
95 32.7 27.6 41.4

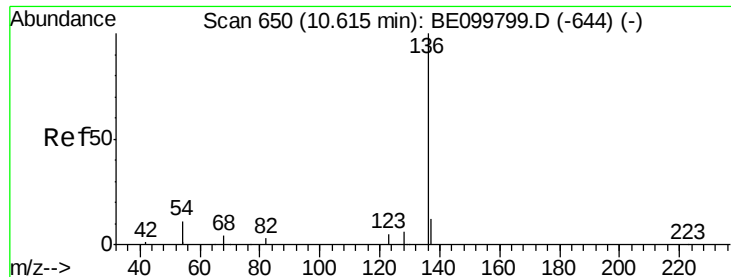


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099802.D

Acq: 5 Jun 2019 12:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 5801

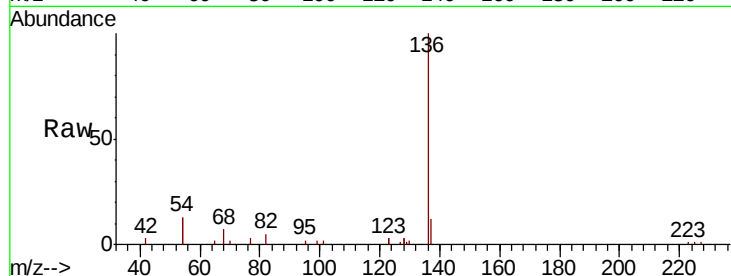
Ion Ratio Lower Upper

136 100

137 11.8 11.1 16.7

54 25.0 17.9 26.9

68 6.8 5.4 8.0

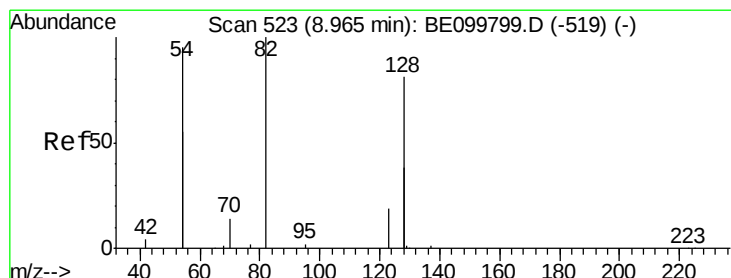
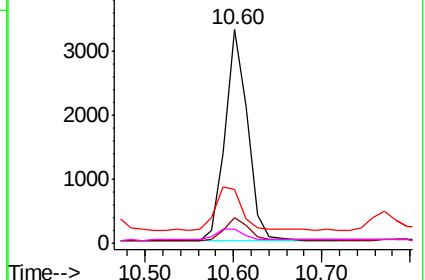
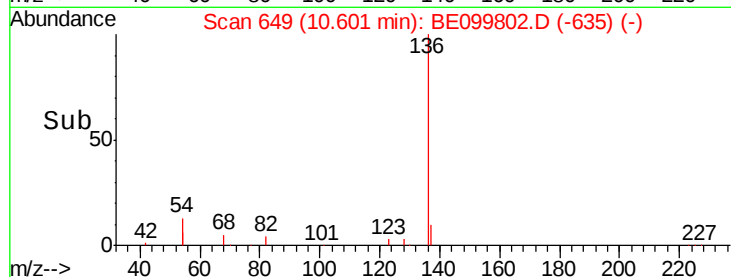


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.708 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

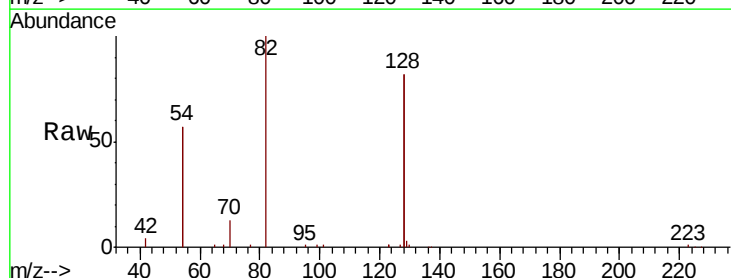
Tgt Ion: 82 Resp: 18622

Ion Ratio Lower Upper

82 100

128 163.1 116.6 175.0

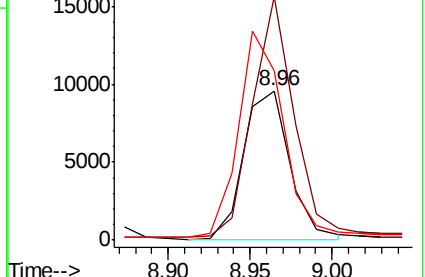
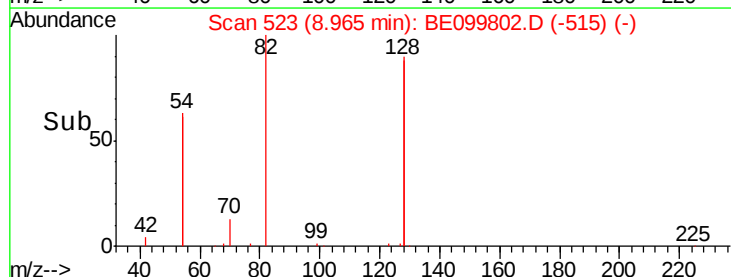
54 113.6 136.2 204.4#

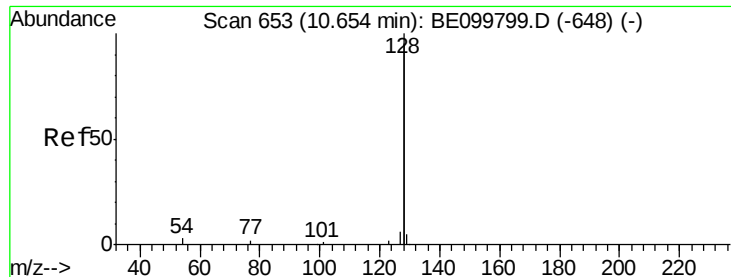


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.304 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

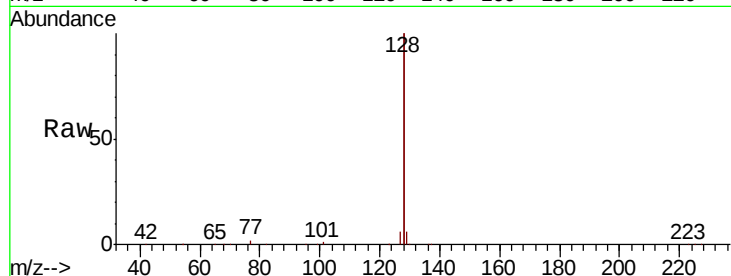
Tot Ion:128 Resp: 204993

Ion Ratio Lower Upper

128 100

129 2.8 2.6 4.0

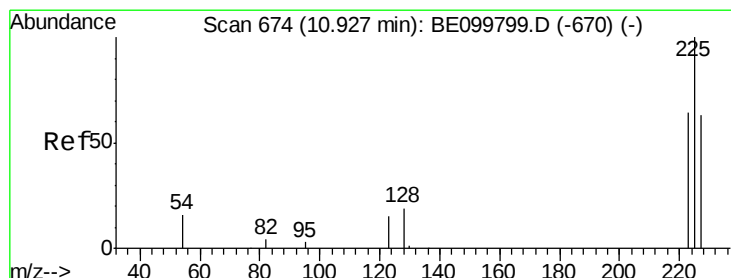
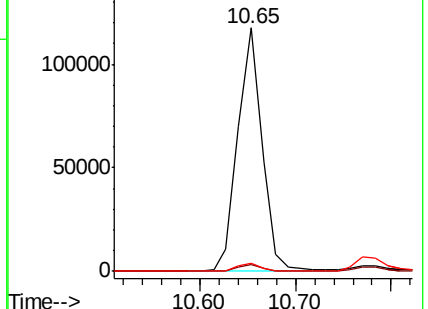
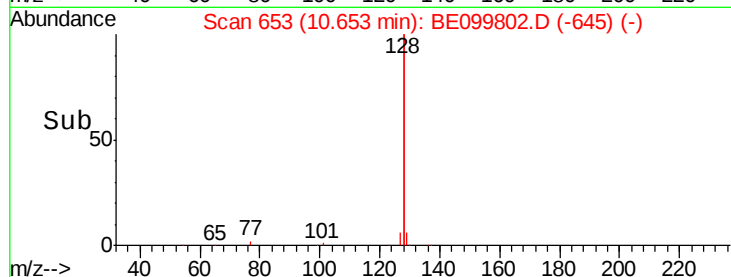
127 3.2 3.0 4.6



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: 3.338 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

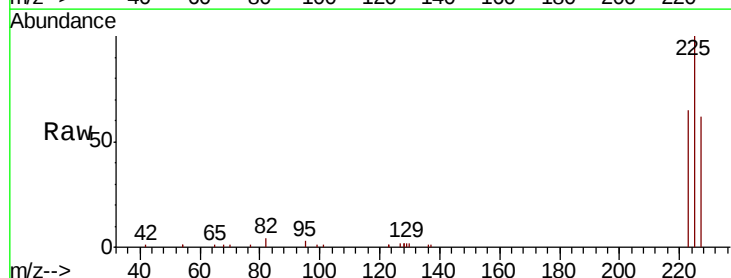
Tgt Ion:225 Resp: 15249

Ion Ratio Lower Upper

225 100

223 63.0 48.6 72.8

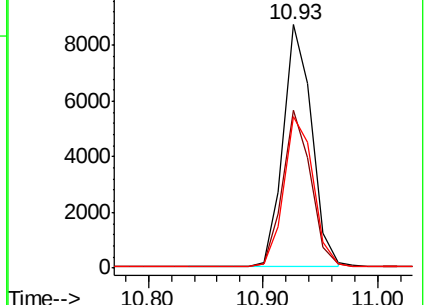
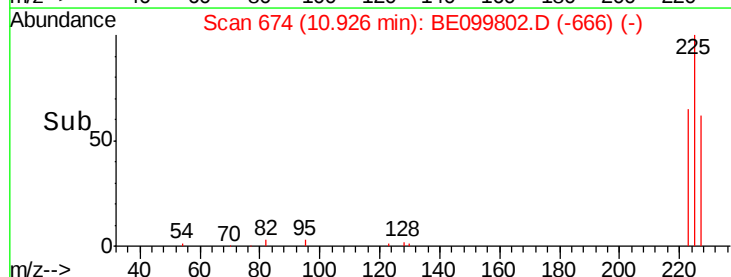
227 63.7 51.8 77.6

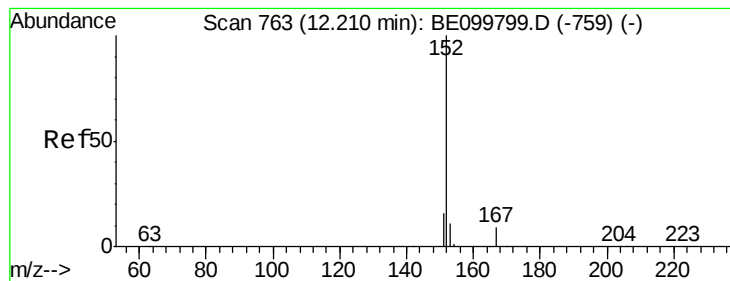


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.366 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

Instrument :

BNA_E

ClientSampleId :

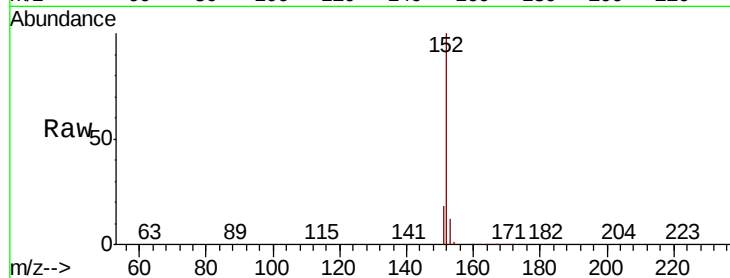
SSTDICC3.2

Tot Ion:152 Resp: 33693

Ion Ratio Lower Upper

152 100

151 19.1 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

20000

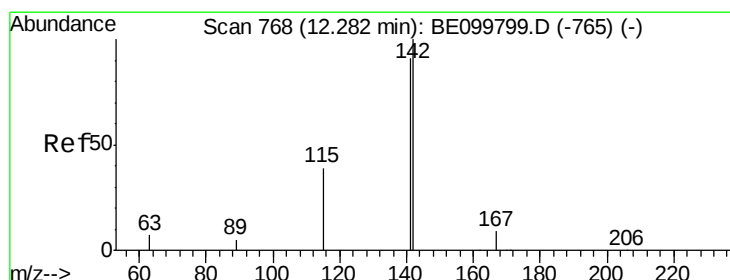
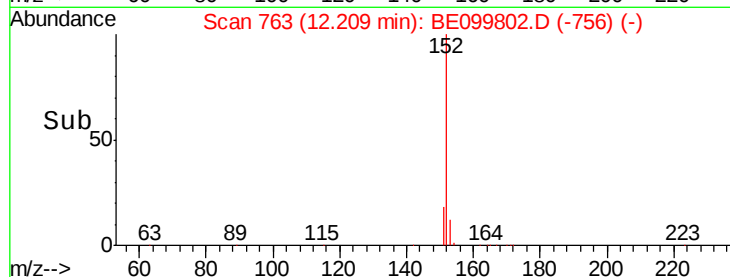
15000

10000

5000

0

Time--> 12.00 12.20 12.40



#12

2-Methylnaphthalene

Concen: 3.439 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

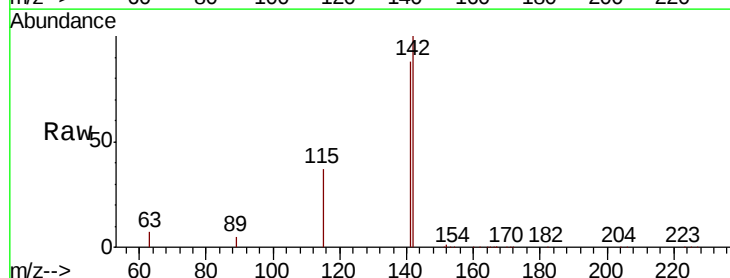
Tgt Ion:142 Resp: 34783

Ion Ratio Lower Upper

142 100

141 88.4 73.3 109.9

115 36.9 33.4 50.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.28

25000

20000

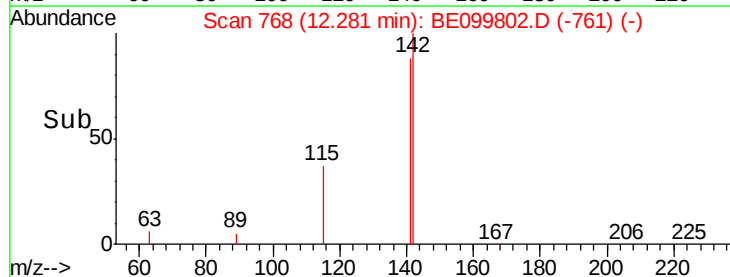
15000

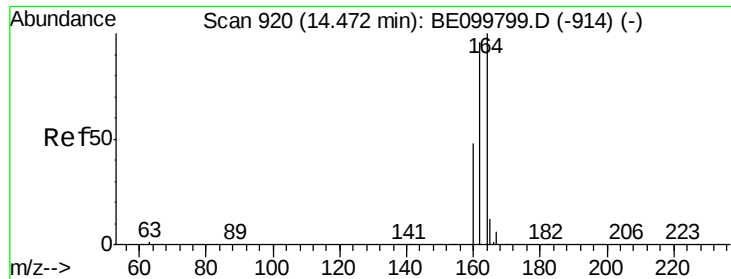
10000

5000

0

Time--> 12.20 12.30

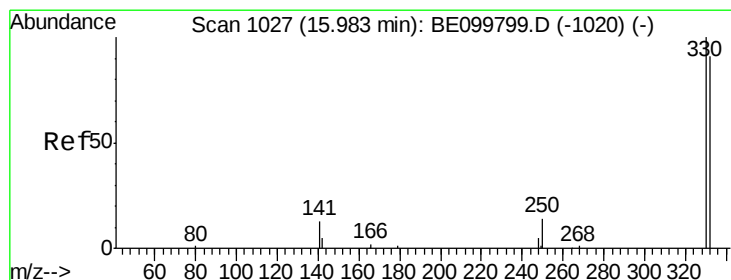
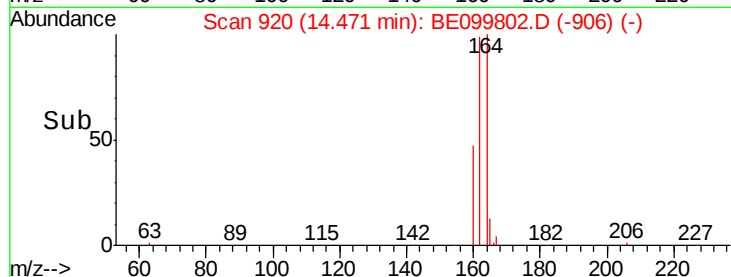
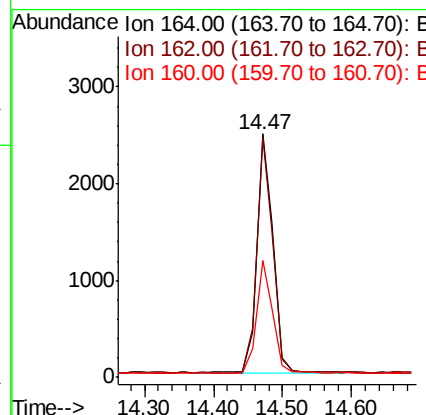
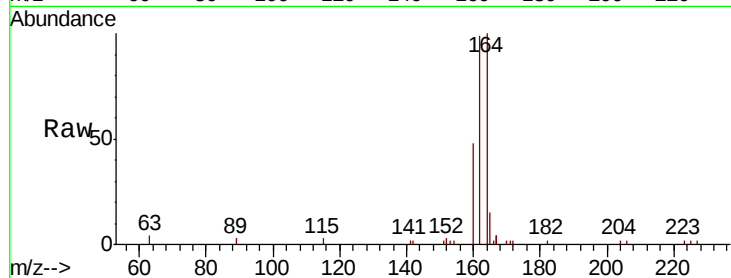




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099802.D
Acq: 5 Jun 2019 12:15

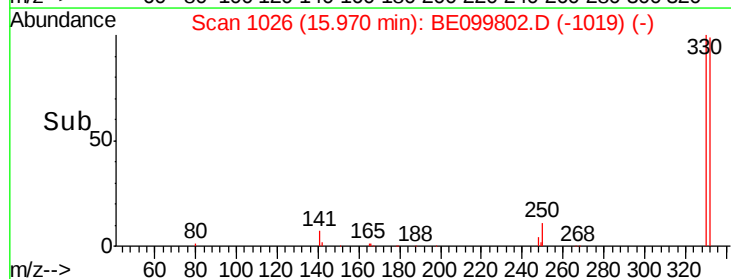
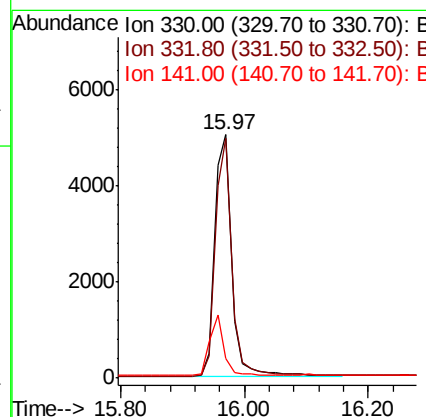
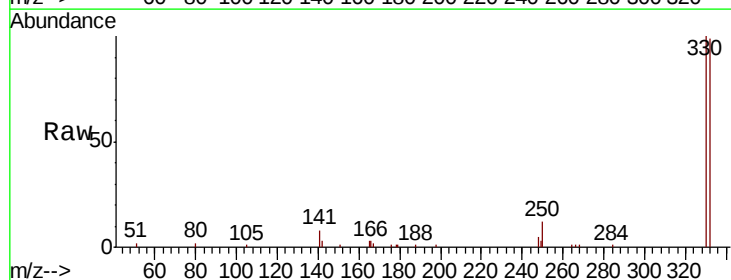
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

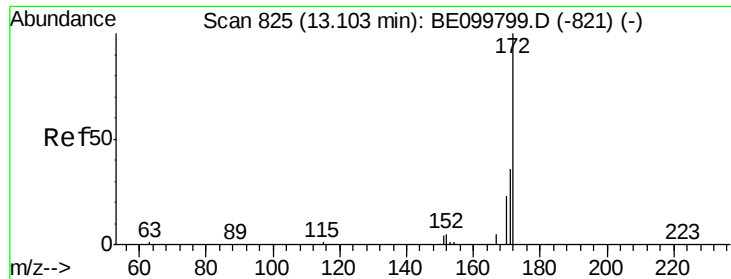
Tot Ion:164 Resp: 4014
Ion Ratio Lower Upper
164 100
162 98.5 77.2 115.8
160 48.2 39.4 59.2



#14
2,4,6-Tribromophenol
Concen: 4.013 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099802.D
Acq: 5 Jun 2019 12:15

Tgt Ion:330 Resp: 9538
Ion Ratio Lower Upper
330 100
332 96.0 72.9 109.3
141 21.8 15.6 23.4

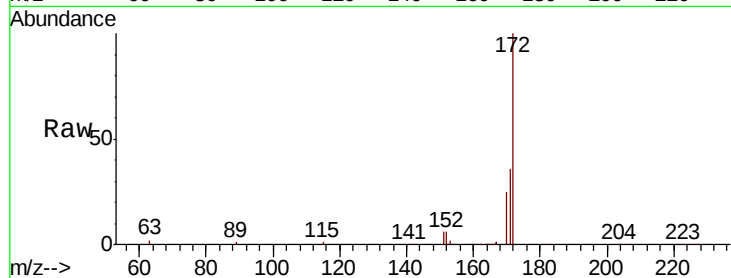




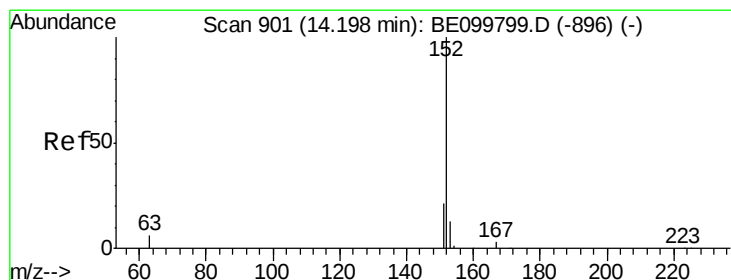
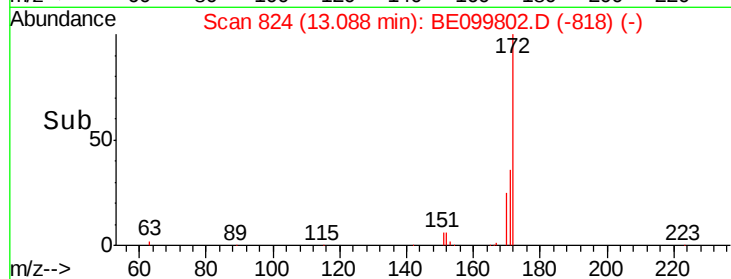
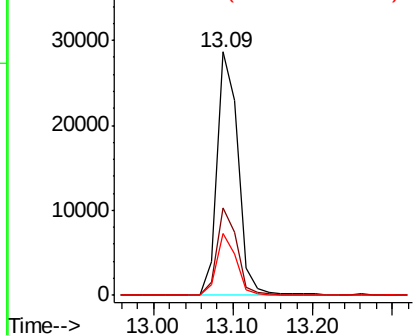
#15
2-Fluorobiphenyl
Concen: 3.419 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.02 min
Lab File: BE099802.D
Acq: 5 Jun 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:172 Resp: 52073
Ion Ratio Lower Upper
172 100
171 36.2 30.2 45.4
170 25.4 20.1 30.1

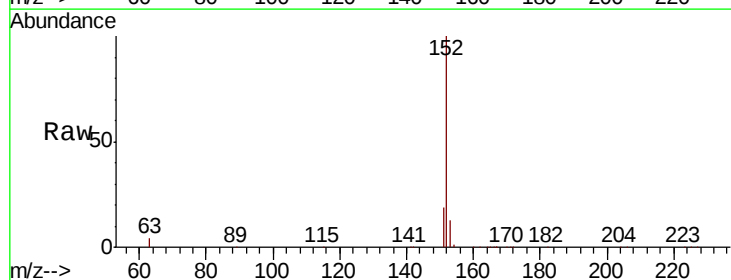


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

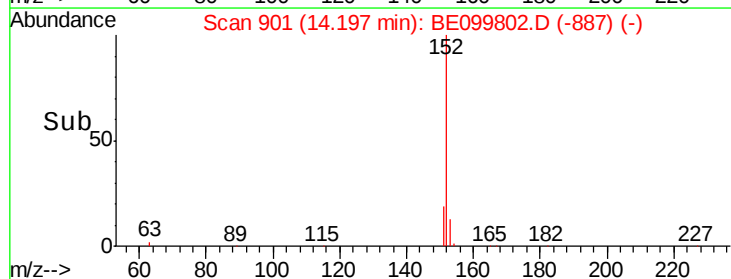
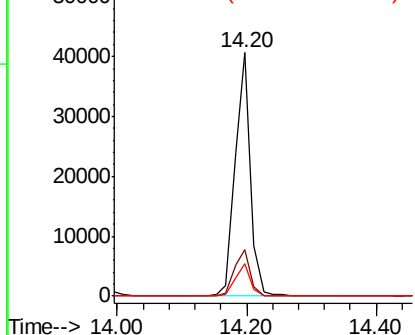


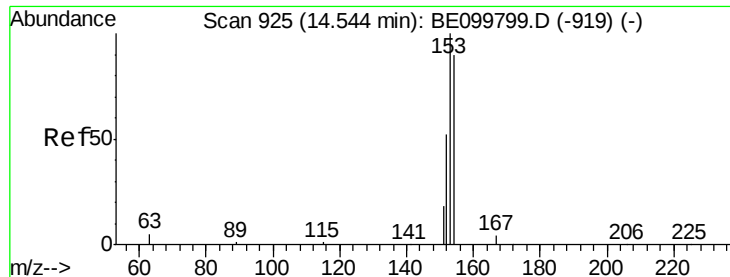
#16
Acenaphthylene
Concen: 3.524 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099802.D
Acq: 5 Jun 2019 12:15

Tgt Ion:152 Resp: 65932
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.1 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

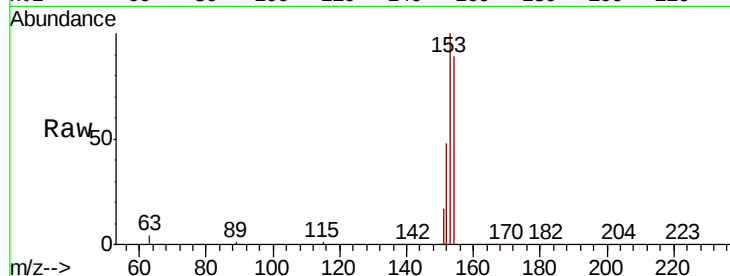




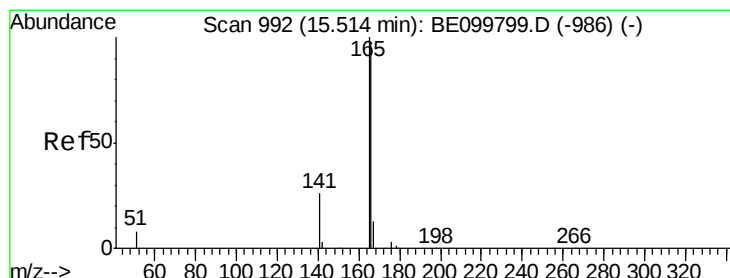
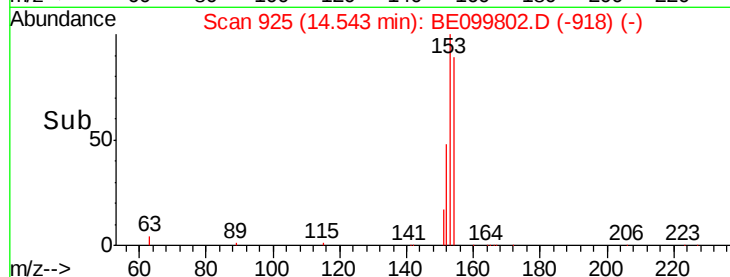
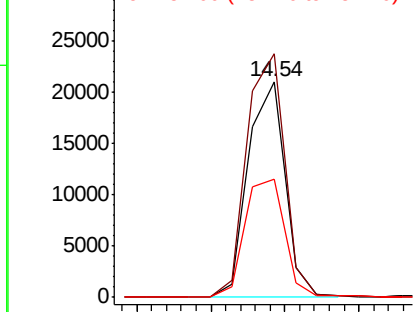
#17
Acenaphthene
Concen: 3.448 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099802.D
Acq: 5 Jun 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:154 Resp: 36203
Ion Ratio Lower Upper
154 100
153 116.0 92.8 139.2
152 58.9 47.7 71.5

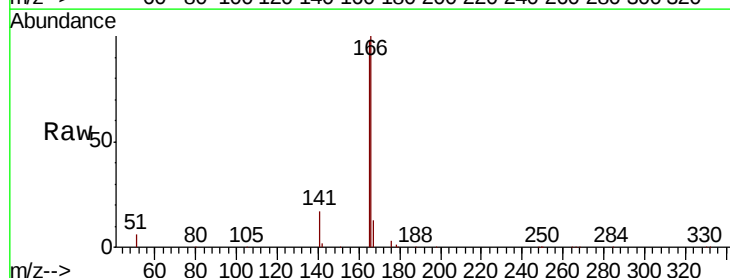


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

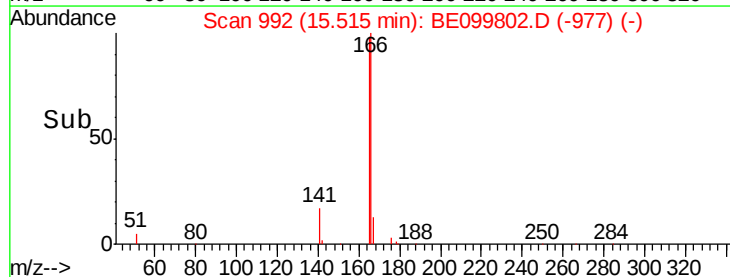
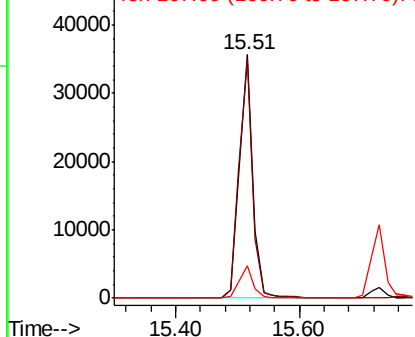


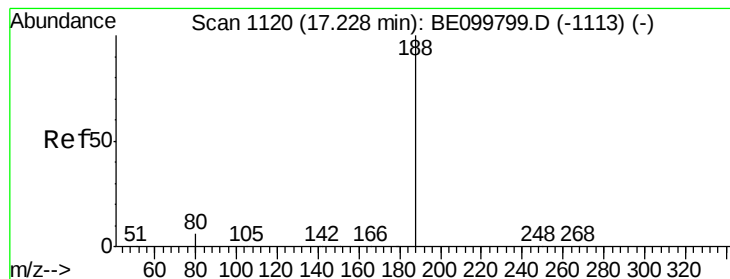
#18
Fluorene
Concen: 3.398 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099802.D
Acq: 5 Jun 2019 12:15

Tgt Ion:166 Resp: 52548
Ion Ratio Lower Upper
166 100
165 99.4 80.4 120.6
167 13.3 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: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

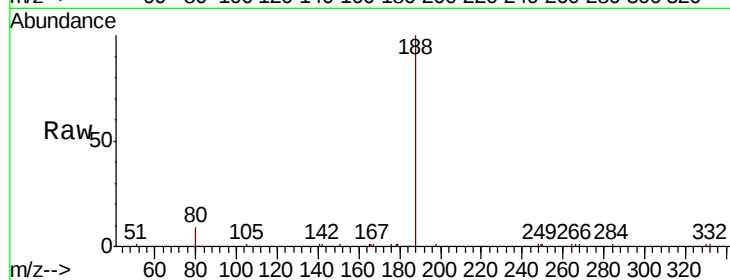
Tot Ion:188 Resp: 11606

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

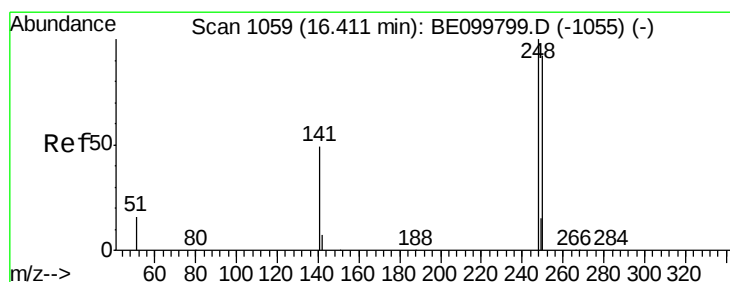
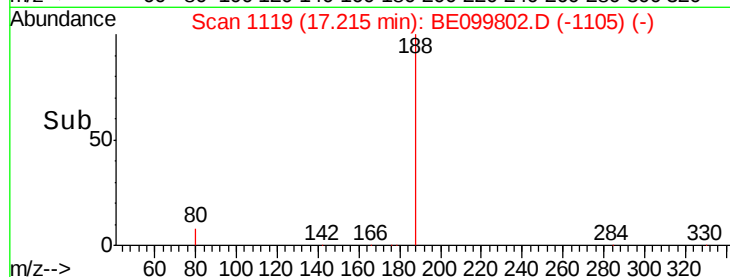
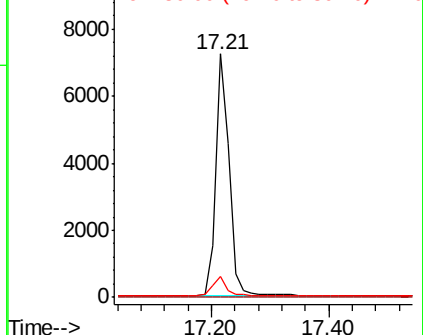
80 8.7 5.2 7.8#



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: 3.577 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

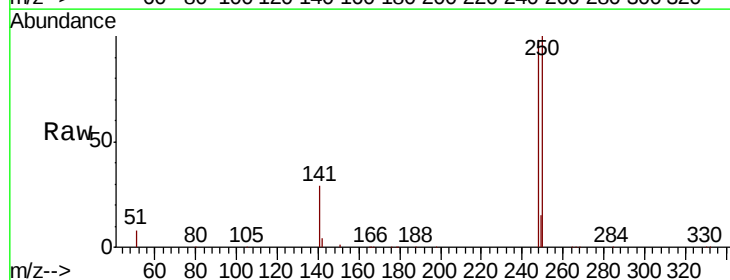
Tgt Ion:248 Resp: 23938

Ion Ratio Lower Upper

248 100

250 101.6 73.7 110.5

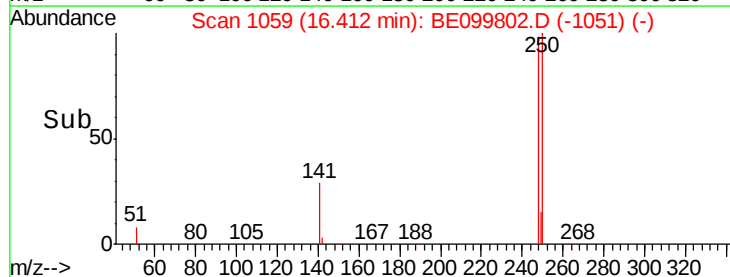
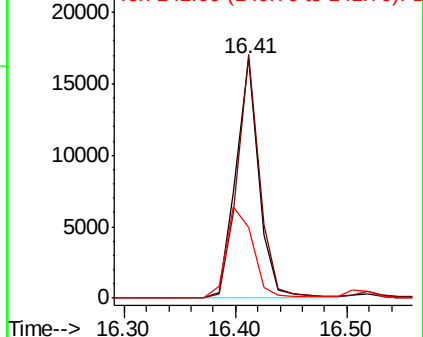
141 29.3 40.9 61.3#

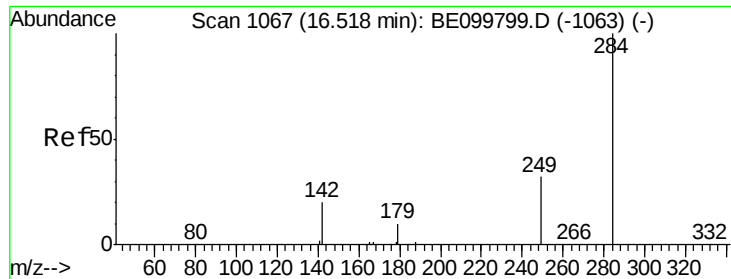


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.612 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

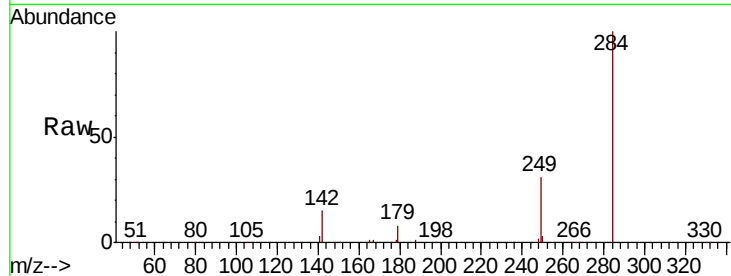
Tot Ion:284 Resp: 24736

Ion Ratio Lower Upper

284 100

142 20.9 16.2 24.4

249 30.8 23.0 34.6

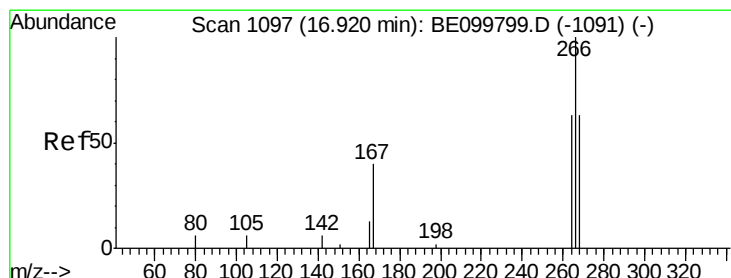
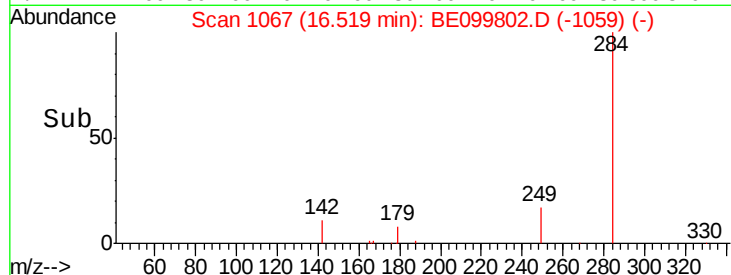
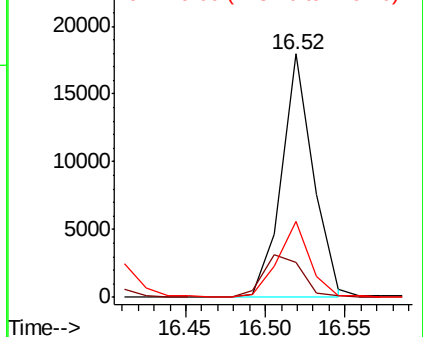


Abundance

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: 3.560 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.04 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

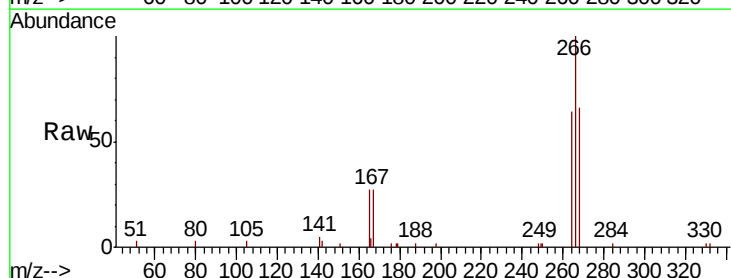
Tgt Ion:266 Resp: 7019

Ion Ratio Lower Upper

266 100

264 63.8 64.9 97.3#

268 66.1 64.0 96.0

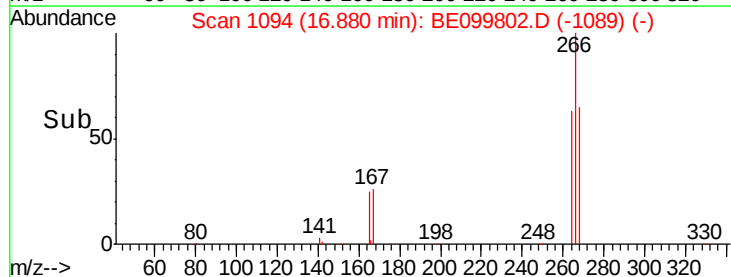
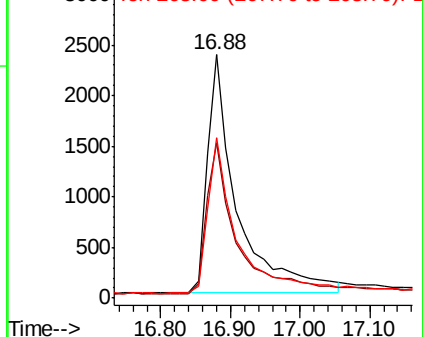


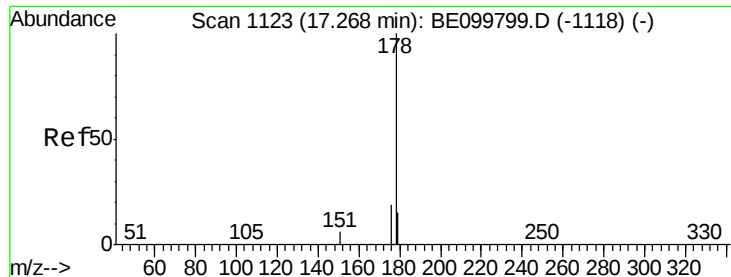
Abundance

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: 3.432 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

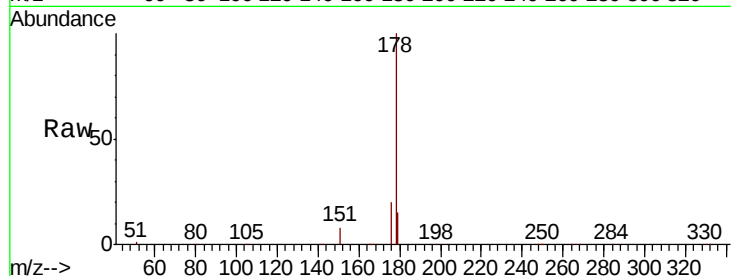
Tot Ion:178 Resp: 97334

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

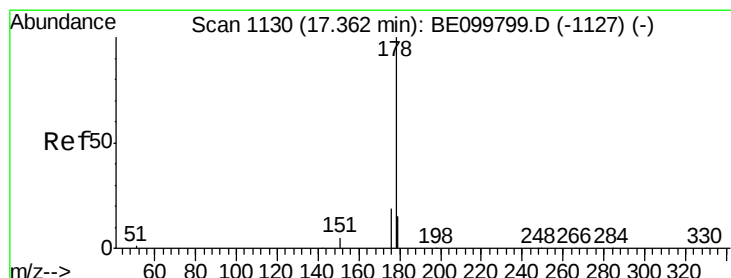
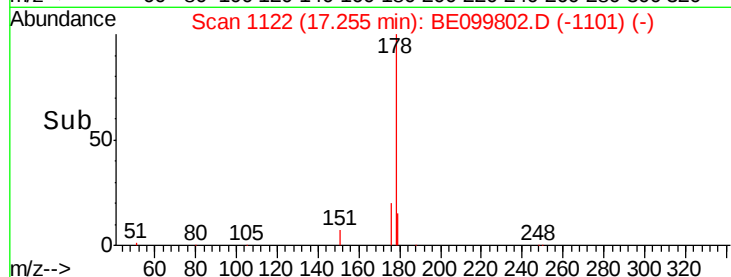
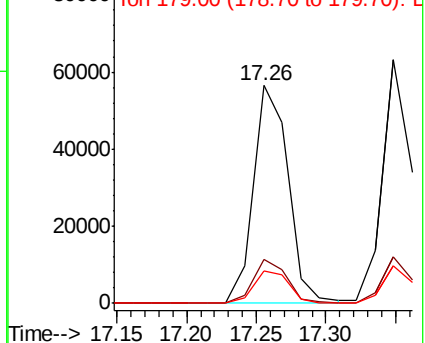
179 15.1 12.5 18.7



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: 3.654 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

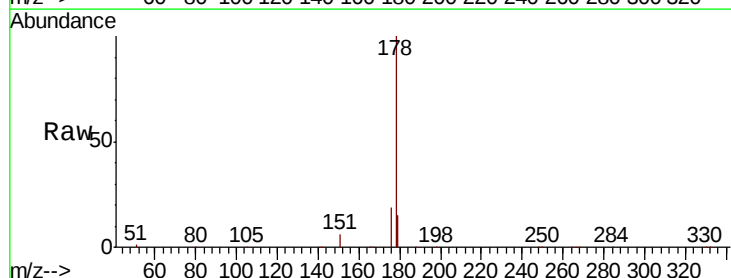
Tgt Ion:178 Resp: 93970

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

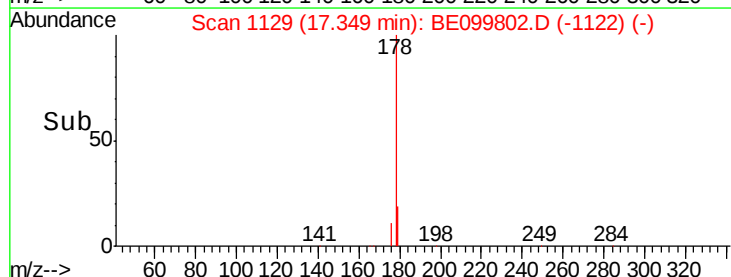
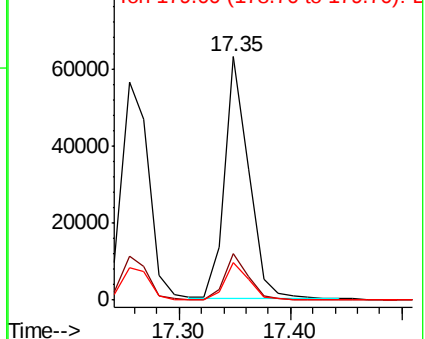
179 15.4 12.1 18.1

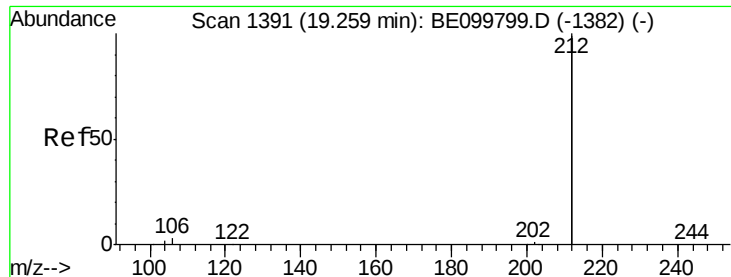


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.366 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

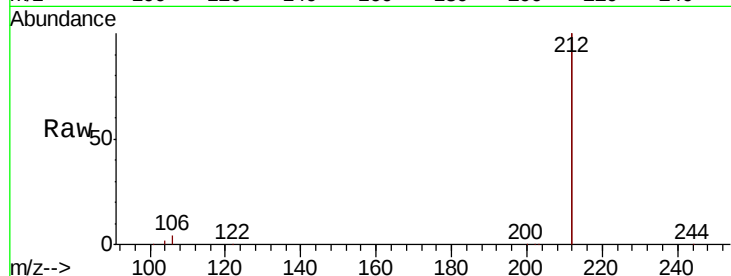
Tot Ion:212 Resp: 533810

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

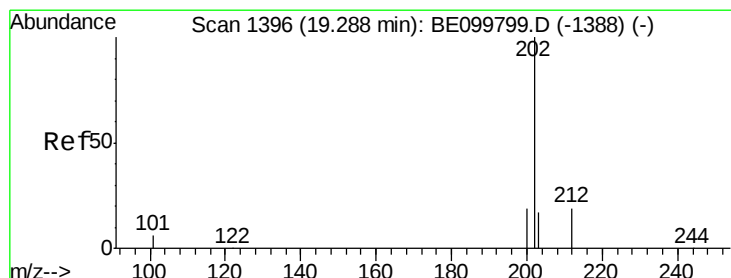
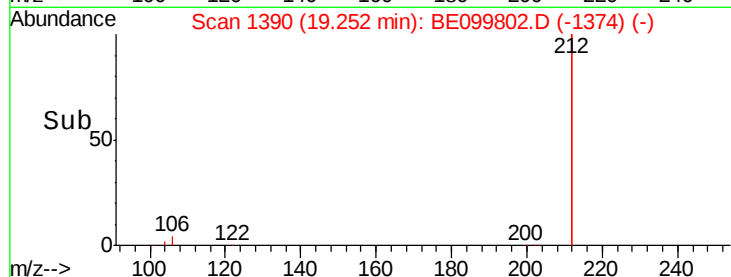
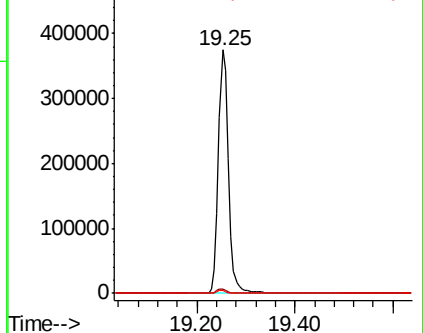
104 1.0 0.8 1.2



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: 3.391 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

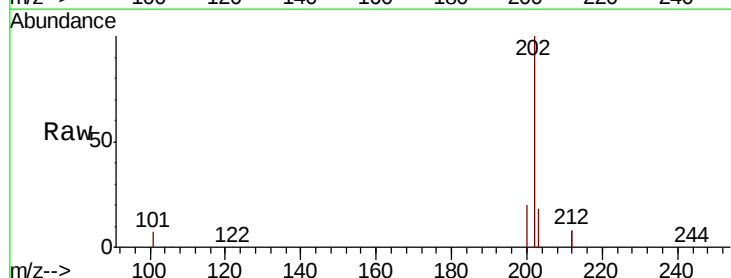
Tgt Ion:202 Resp: 152019

Ion Ratio Lower Upper

202 100

101 6.7 5.2 7.8

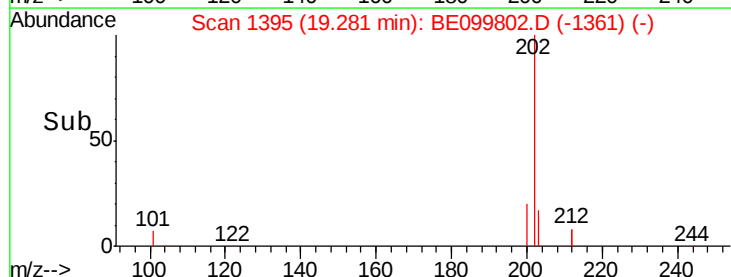
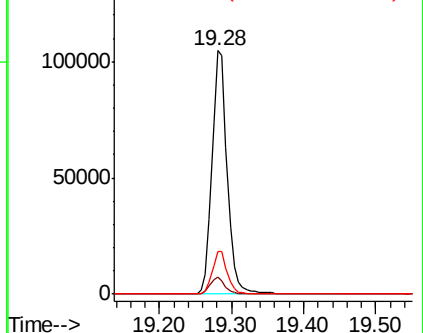
203 17.4 13.6 20.4

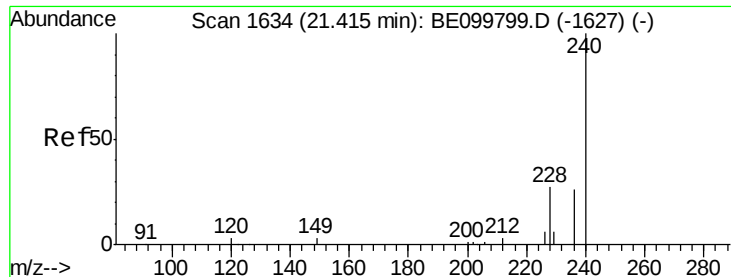


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099802.D

Acq: 5 Jun 2019 12:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

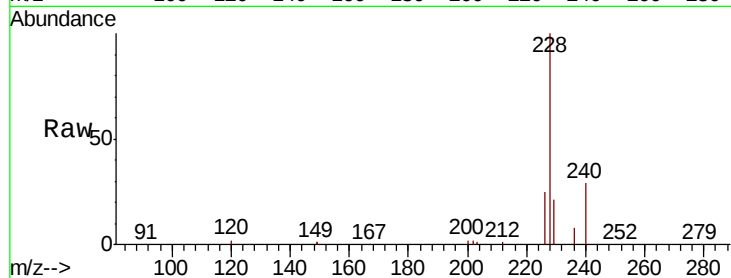
Tot Ion:240 Resp: 18779

Ion Ratio Lower Upper

240 100

120 5.9 2.8 4.2#

236 26.9 20.9 31.3

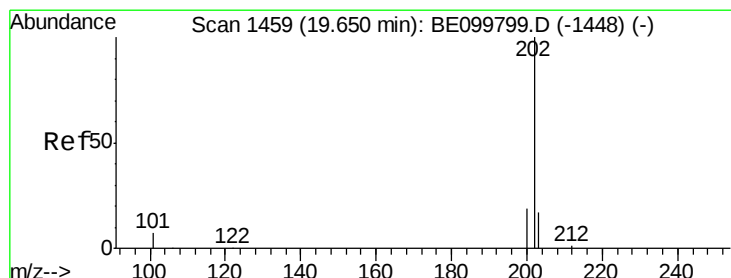
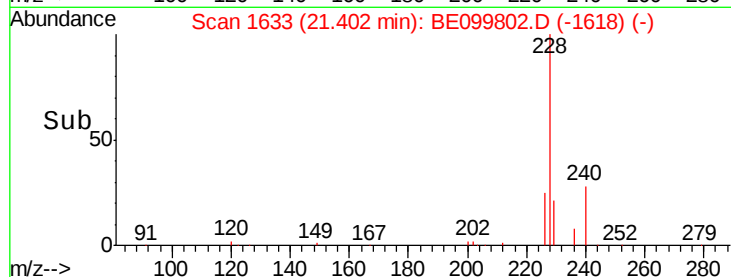
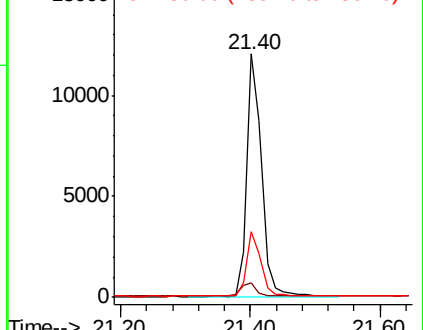


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 3.281 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

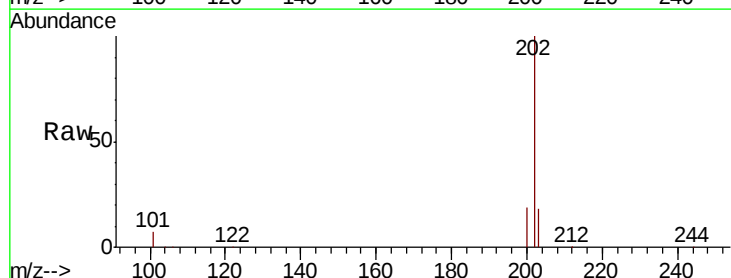
Tgt Ion:202 Resp: 154816

Ion Ratio Lower Upper

202 100

200 19.4 15.6 23.4

203 17.5 14.1 21.1

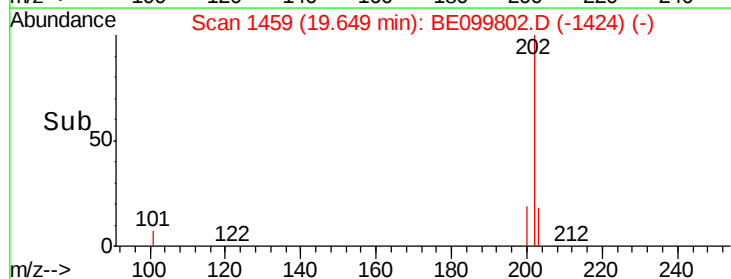
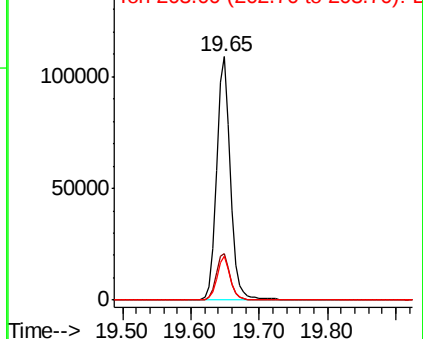


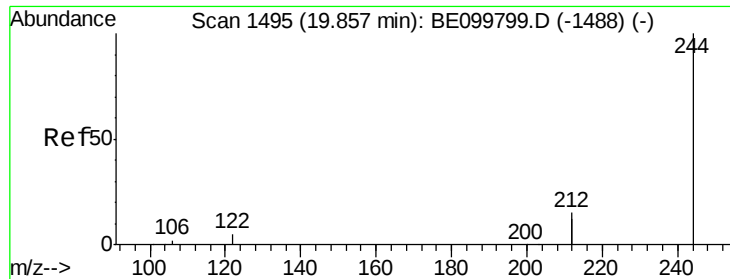
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.243 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

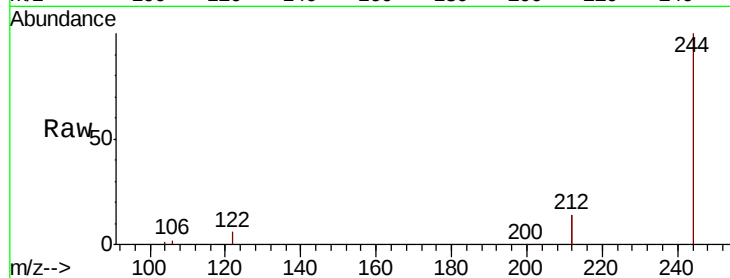
Tot Ion:244 Resp: 108691

Ion Ratio Lower Upper

244 100

212 27.4 23.7 35.5

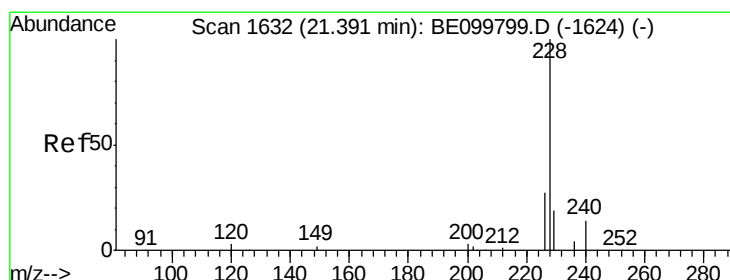
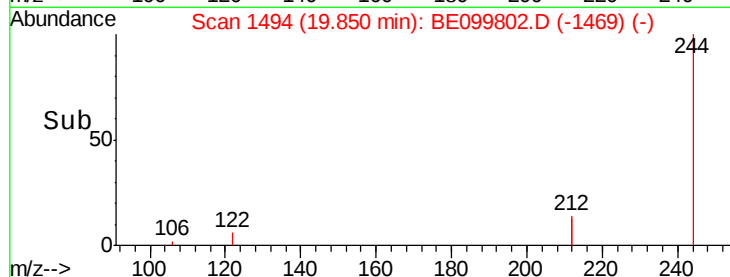
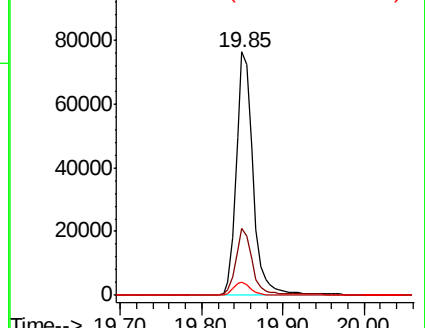
122 5.7 4.8 7.2



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: 3.329 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

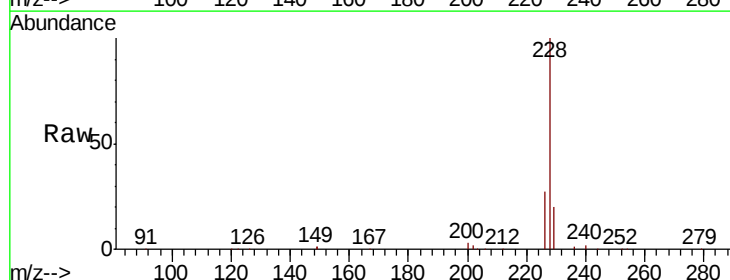
Tgt Ion:228 Resp: 177664

Ion Ratio Lower Upper

228 100

226 26.7 21.6 32.4

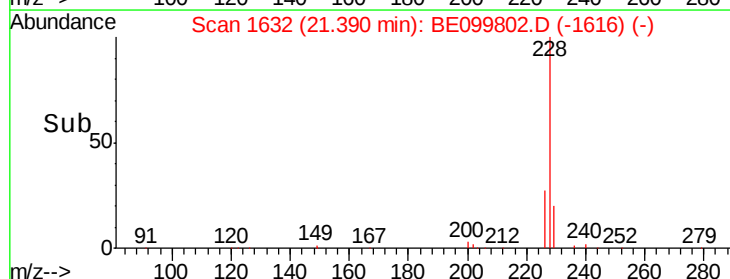
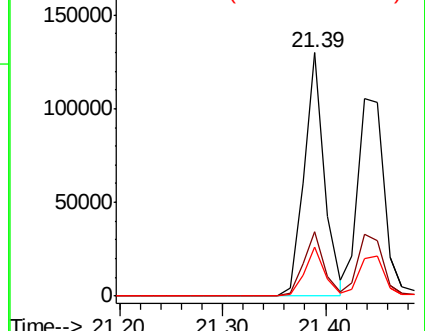
229 20.2 15.8 23.6

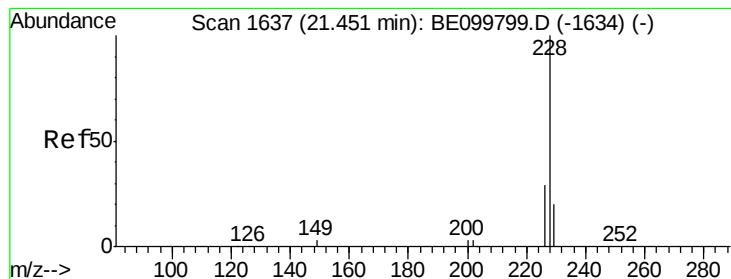


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

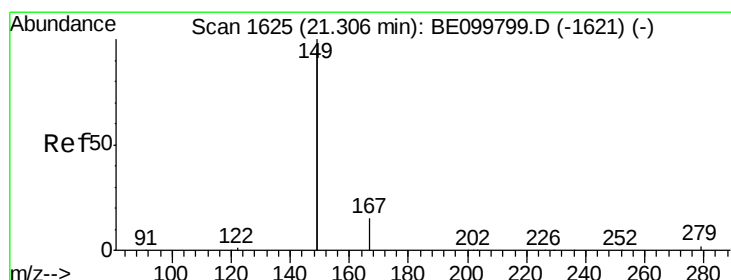
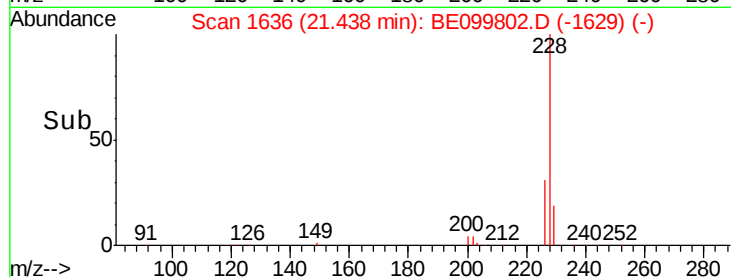
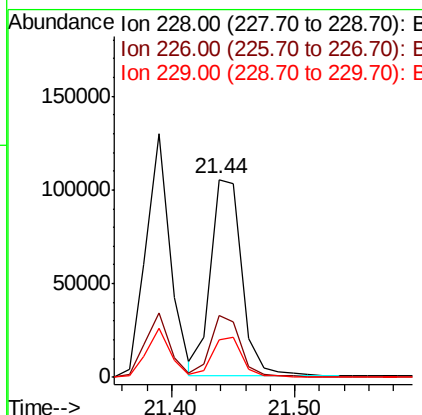
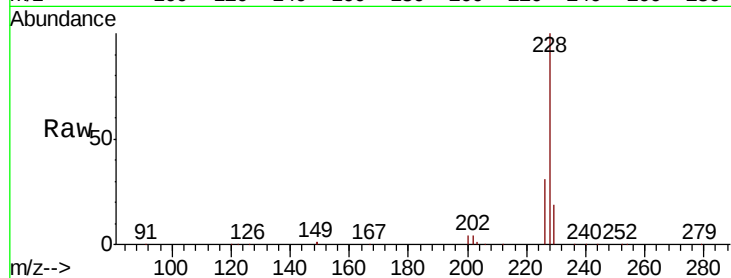




#31
 Chrysene
 Concen: 3.240 ng
 RT: 21.44 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BE099802.D
 Acq: 5 Jun 2019 12:15

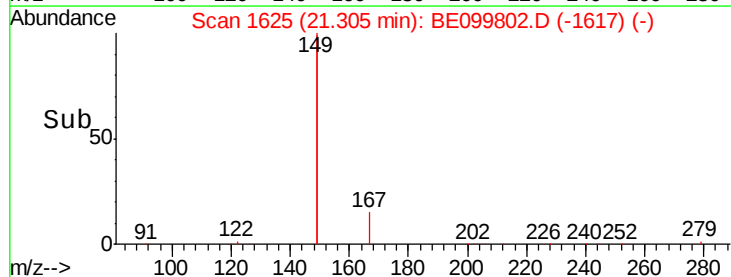
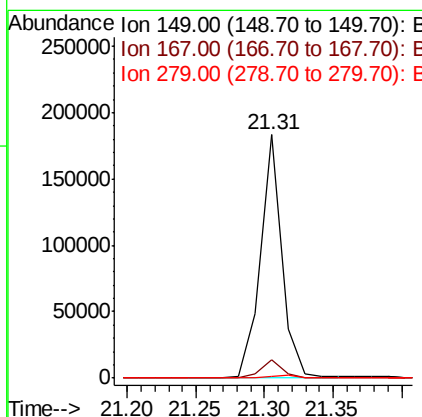
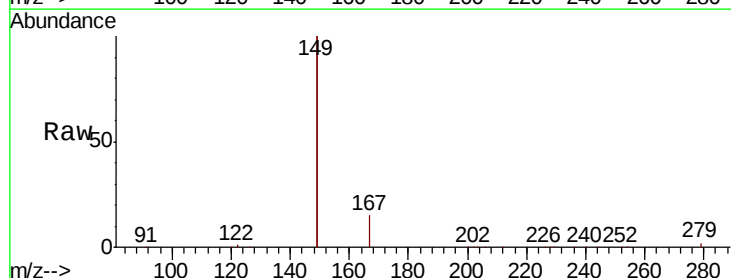
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

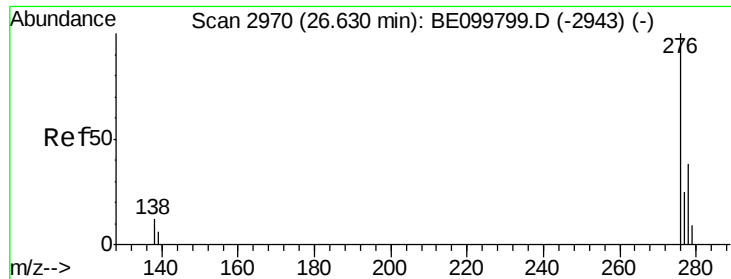
Tot Ion:228 Resp: 184824
 Ion Ratio Lower Upper
 228 100
 226 31.0 22.9 34.3
 229 19.2 16.4 24.6



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 3.212 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BE099802.D
 Acq: 5 Jun 2019 12:15

Tgt Ion:149 Resp: 197503
 Ion Ratio Lower Upper
 149 100
 167 7.6 6.0 9.0
 279 1.5 1.2 1.8

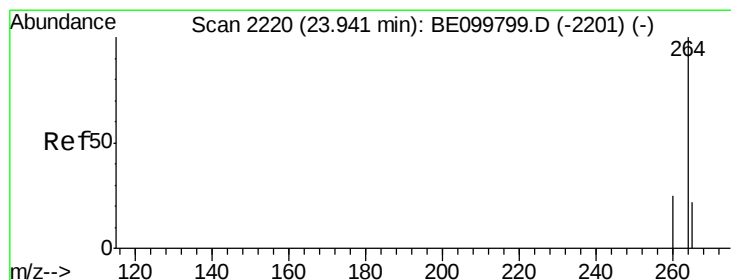
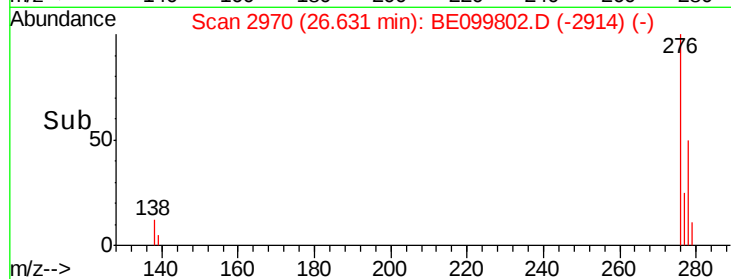
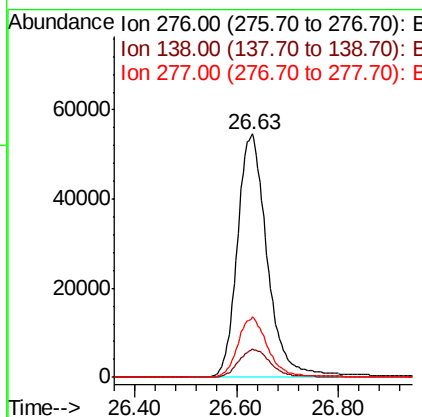
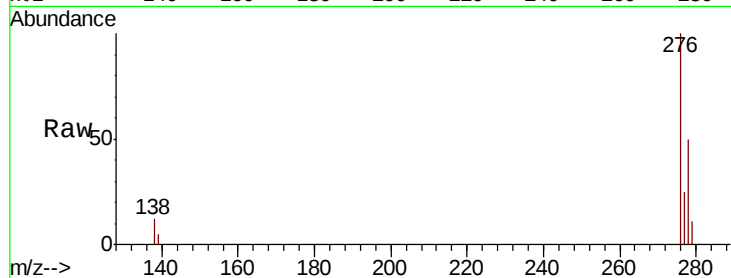




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.200 ng
 RT: 26.63 min Scan# 2970
 Delta R.T. 0.00 min
 Lab File: BE099802.D
 Acq: 5 Jun 2019 12:15

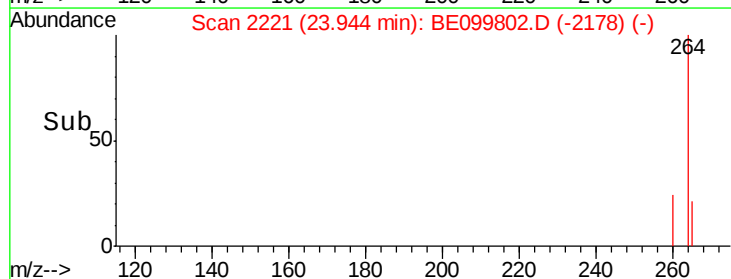
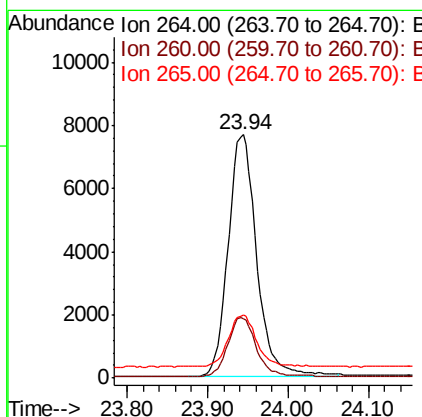
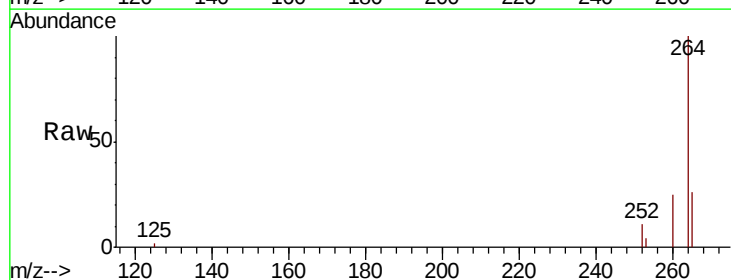
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

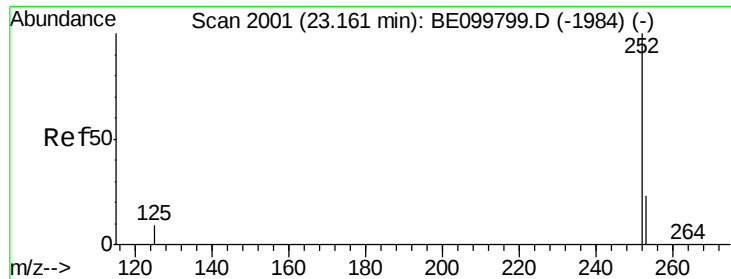
Tot Ion	Ratio	Lower	Upper
276	100		
138	12.3	10.3	15.5
277	24.8	19.4	29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BE099802.D
 Acq: 5 Jun 2019 12:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	25.8	20.7	31.1

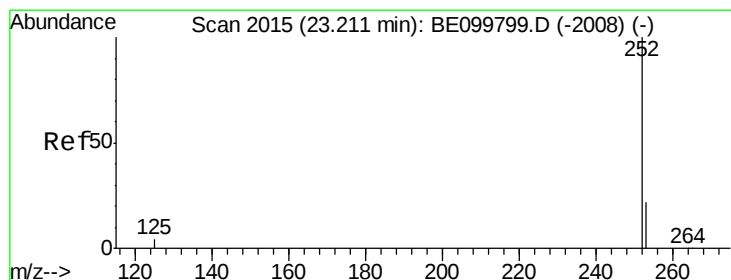
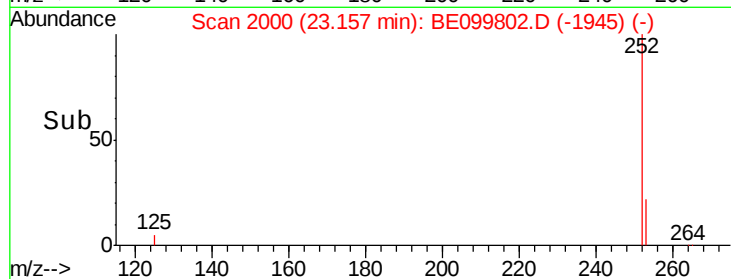
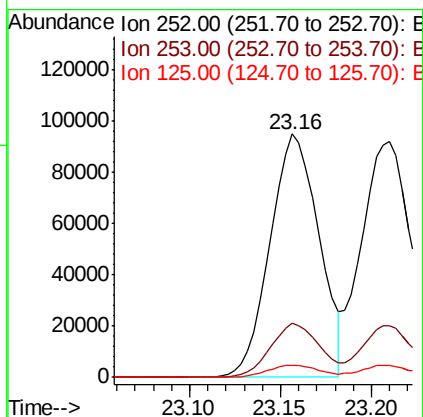
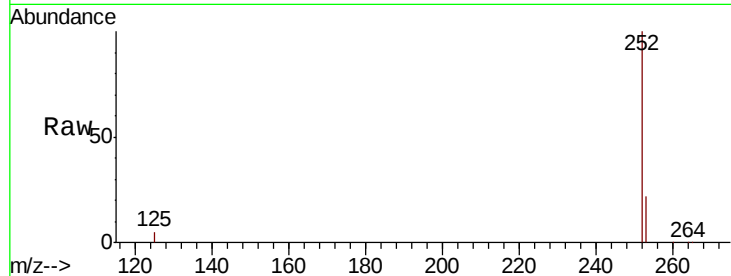




#35
Benzo(b)fluoranthene
Concen: 3.435 ng
RT: 23.16 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BE099802.D
Acq: 5 Jun 2019 12:15

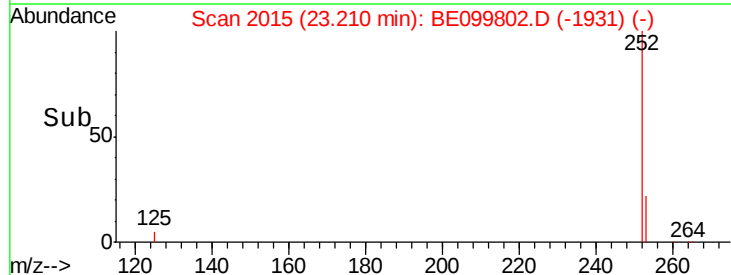
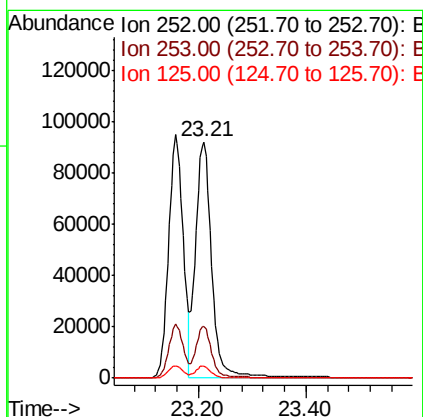
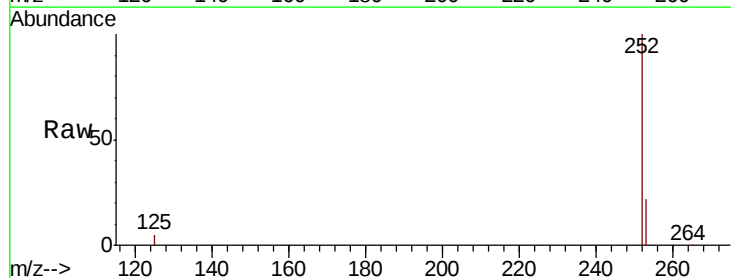
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

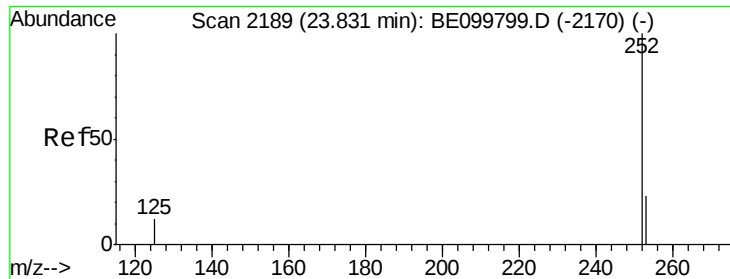
Tot Ion:252 Resp: 176801
Ion Ratio Lower Upper
252 100
253 22.0 18.9 28.3
125 5.1 7.6 11.4#



#36
Benzo(k)fluoranthene
Concen: 3.556 ng
RT: 23.21 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BE099802.D
Acq: 5 Jun 2019 12:15

Tgt Ion:252 Resp: 190776
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: 3.463 ng

RT: 23.83 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

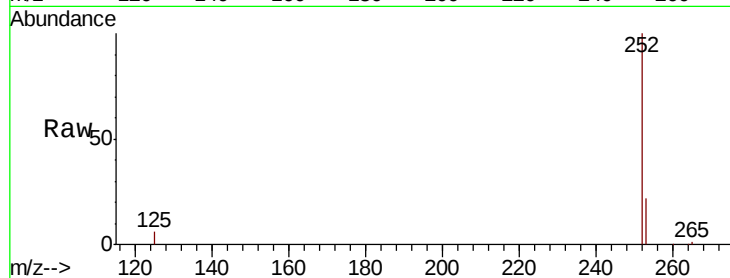
Tot Ion:252 Resp: 171522

Ion Ratio Lower Upper

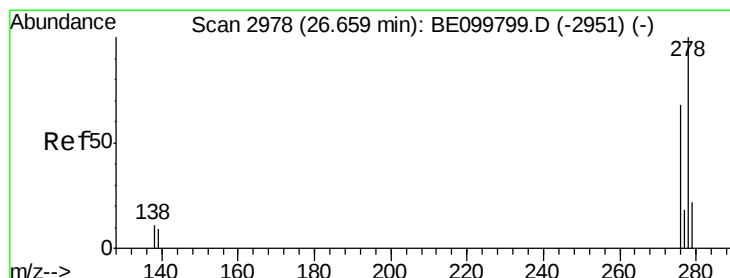
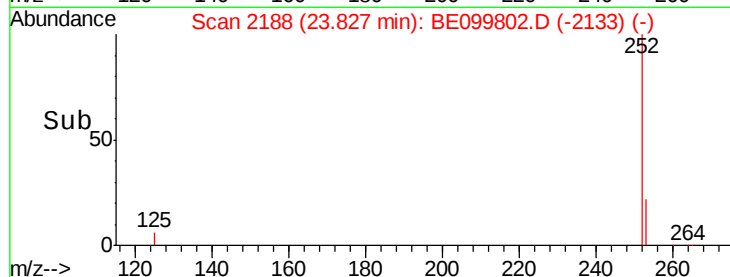
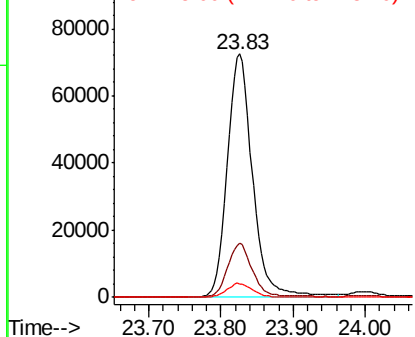
252 100

253 22.1 19.3 28.9

125 5.7 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: 3.480 ng

RT: 26.66 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

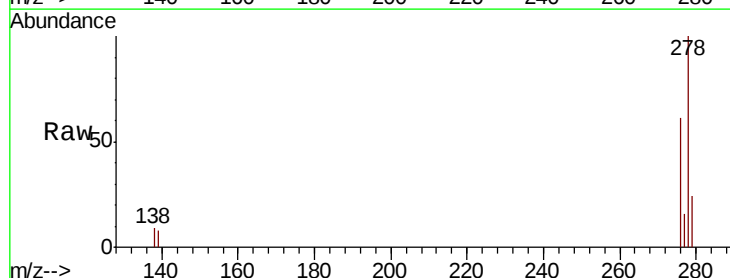
Tgt Ion:278 Resp: 181008

Ion Ratio Lower Upper

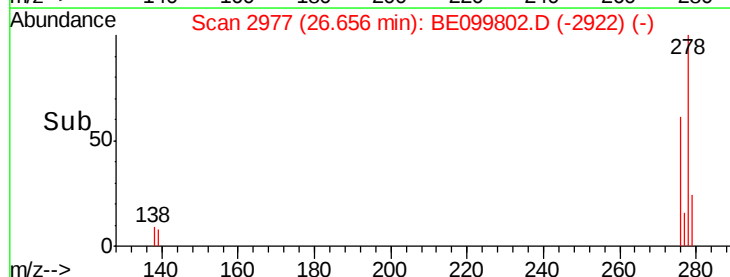
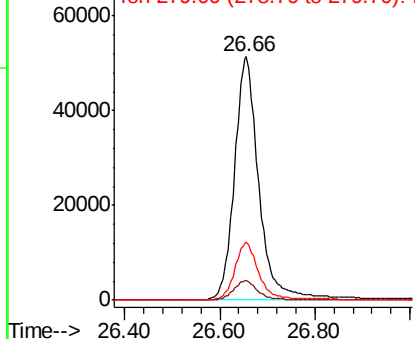
278 100

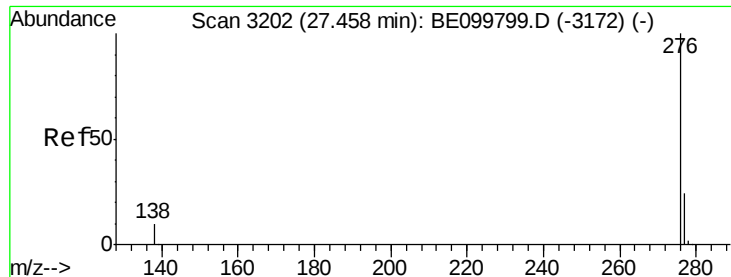
139 7.9 7.9 11.9

279 23.7 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: 3.482 ng

RT: 27.45 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BE099802.D

Acq: 5 Jun 2019 12:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

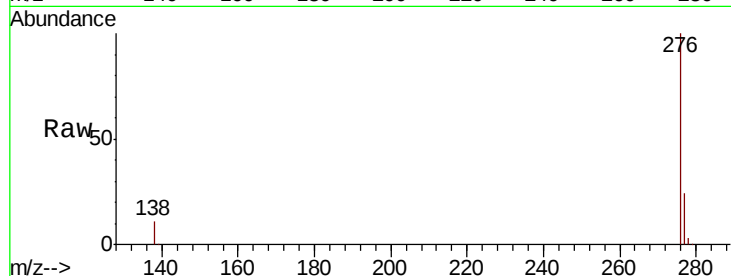
Tot Ion: 276 Resp: 182865

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 10.6 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

