

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032319\
 Data File : BE099120.D
 Acq On : 23 Mar 2019 20:08
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Mar 23 22:24:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 23 04:40:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3806	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	16571	0.40	ng	-0.01
13) Acenaphthene-d10	14.48	164	12823	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	36588	0.40	ng	0.00
27) Chrysene-d12	21.38	240	42994	0.40	ng	-0.01
34) Perylene-d12	23.89	264	45890	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	5402	0.48	ng	0.00
5) Phenol-d6	6.99	99	8084	0.50	ng	0.00
8) Nitrobenzene-d5	8.99	82	6065	0.84	ng	-0.01
11) 2-Methylnaphthalene-d10	12.22	152	14096	0.47	ng	-0.02
14) 2,4,6-Tribromophenol	15.96	330	3032	0.80	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	23200	0.45	ng	-0.02
25) Fluoranthene-d10	19.24	212	197385	0.40	ng	0.00
29) Terphenyl-d14	19.83	244	42919	0.47	ng	0.00

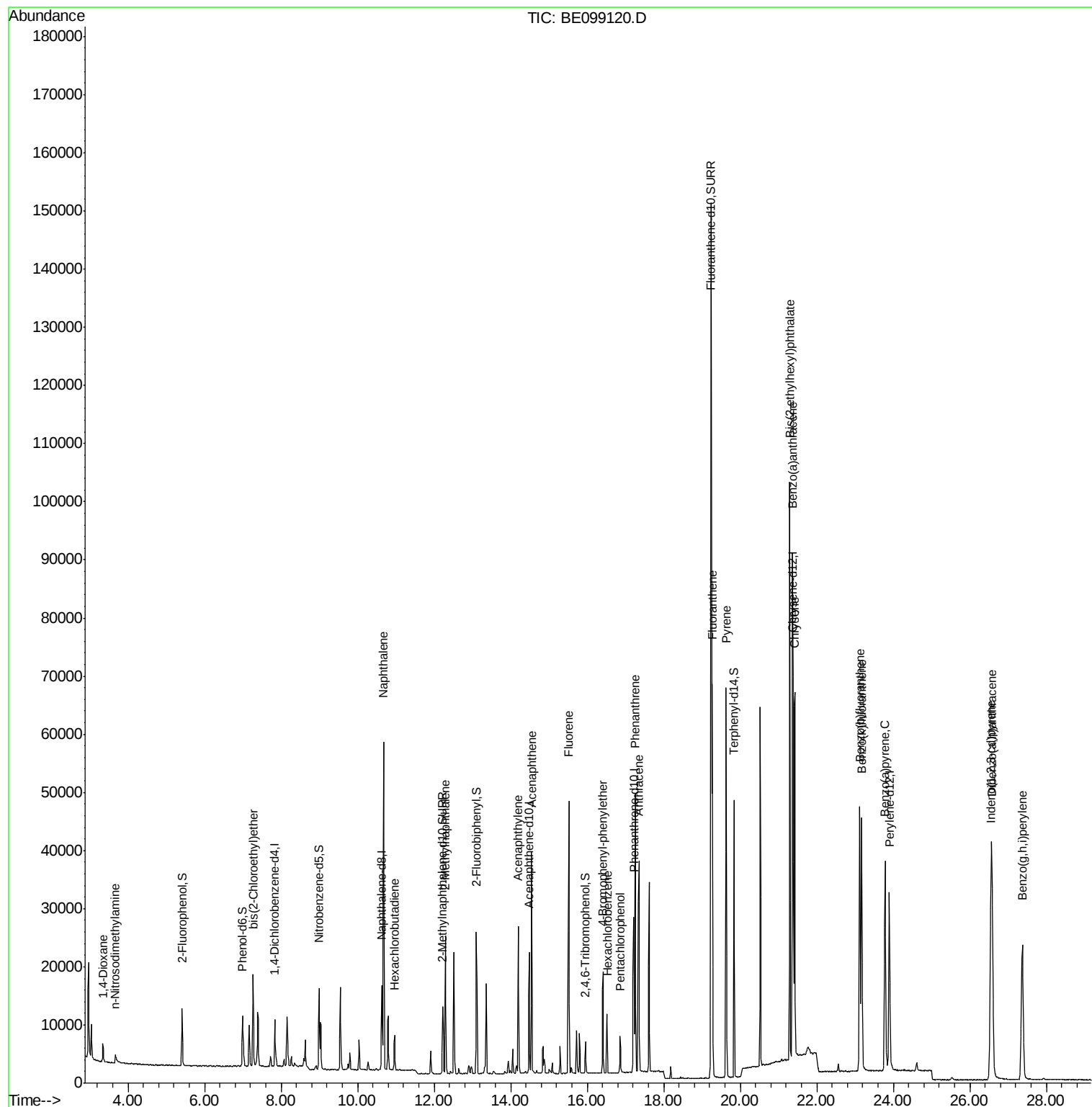
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	2500	0.423	ng	97
3) n-Nitrosodimethylamine	3.67	42	1359	0.446	ng	# 84
6) bis(2-Chloroethyl)ether	7.26	93	6169	0.465	ng	# 88
9) Naphthalene	10.68	128	86281	0.442	ng	99
10) Hexachlorobutadiene	10.96	225	4419	0.463	ng	98
12) 2-Methylnaphthalene	12.29	142	15787	0.472	ng	94
16) Acenaphthylene	14.20	152	29561	0.432	ng	97
17) Acenaphthene	14.54	154	17706	0.436	ng	100
18) Fluorene	15.51	166	26074	0.440	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	9831	0.485	ng	# 65
21) Hexachlorobenzene	16.52	284	9190	0.489	ng	93
22) Pentachlorophenol	16.85	266	3568	0.714	ng	# 75
23) Phenanthrene	17.25	178	47150	0.434	ng	99
24) Anthracene	17.35	178	43020	0.419	ng	99
26) Fluoranthene	19.27	202	60289	0.394	ng	99
28) Pyrene	19.63	202	61977	0.425	ng	98
30) Benzo(a)anthracene	21.37	228	63846	0.421	ng	97
31) Chrysene	21.43	228	64506	0.426	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	96031	0.489	ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	71247	0.438	ng	99
35) Benzo(b)fluoranthene	23.12	252	63485	0.400	ng	98
36) Benzo(k)fluoranthene	23.17	252	64378	0.414	ng	97
37) Benzo(a)pyrene	23.78	252	59262	0.404	ng	# 95
38) Dibenzo(a,h)anthracene	26.58	278	58272	0.408	ng	94
39) Benzo(g,h,i)perylene	27.37	276	58708	0.401	ng	97

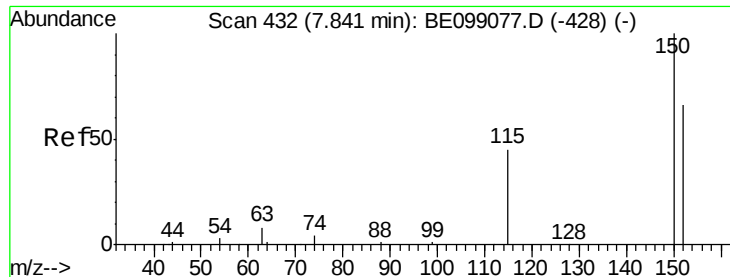
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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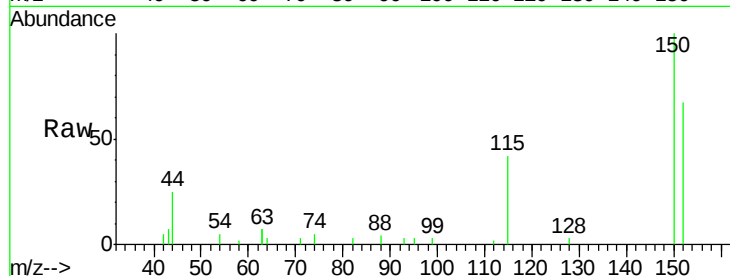


#1

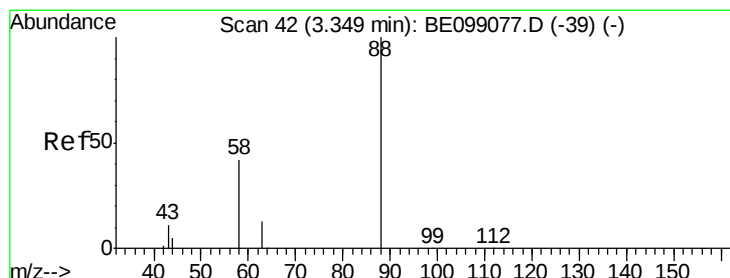
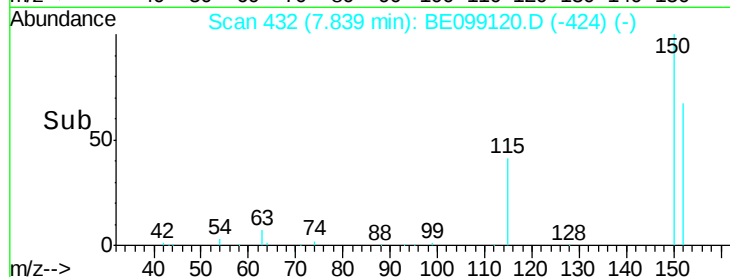
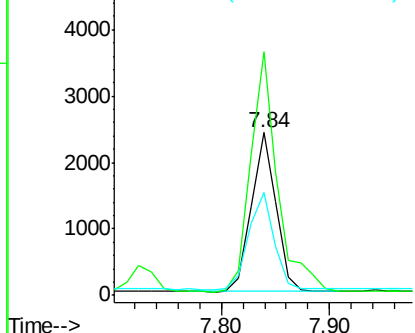
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 3806
Ion Ratio Lower Upper
152 100
150 149.5 122.5 183.7
115 63.4 57.4 86.2



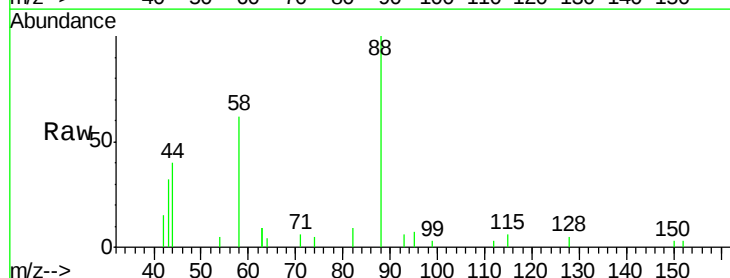
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



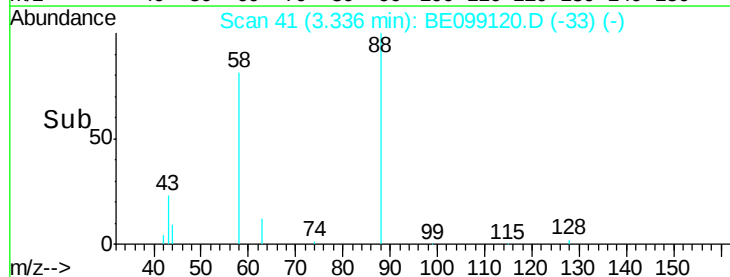
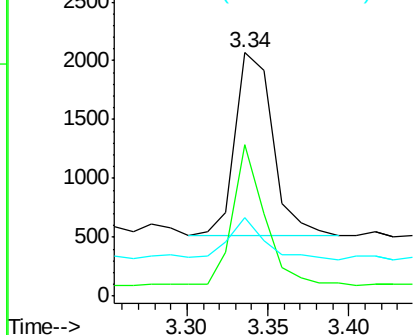
#2

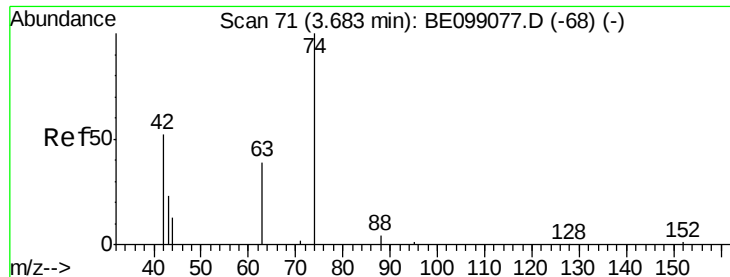
1,4-Dioxane
Concen: 0.423 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion: 88 Resp: 2500
Ion Ratio Lower Upper
88 100
58 65.2 52.0 78.0
43 25.6 24.0 36.0



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: 0.446 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

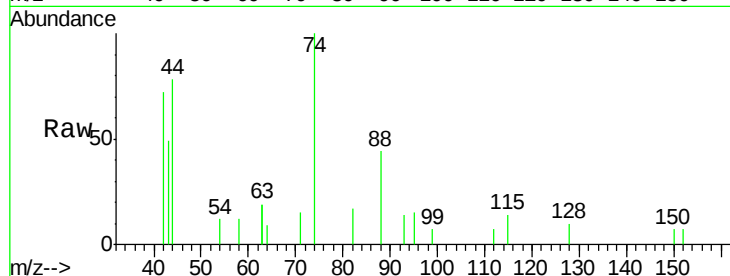
Tot Ion: 42 Resp: 1359

Ion Ratio Lower Upper

42 100

74 175.5 160.0 240.0

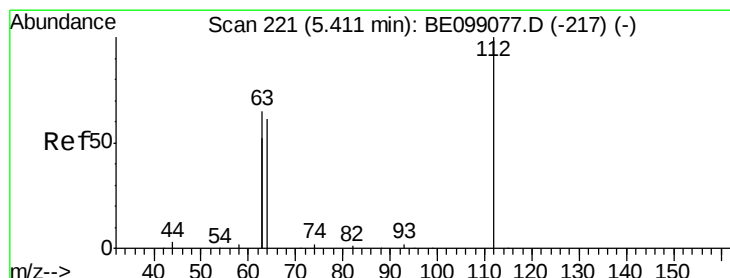
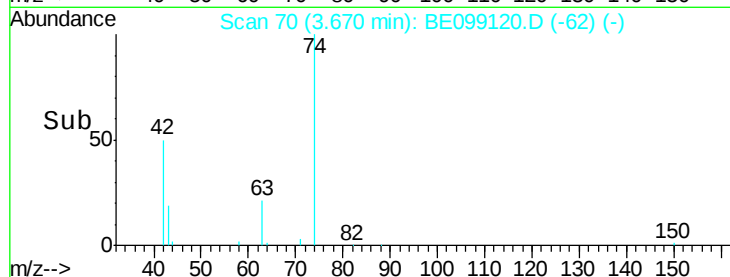
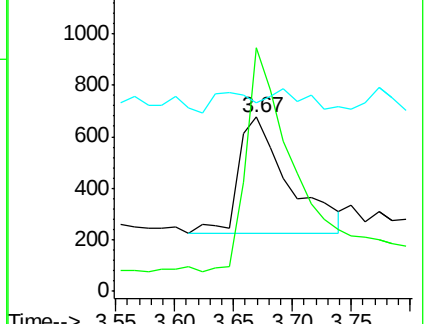
44 0.0 0.0 0.0



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: 0.477 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

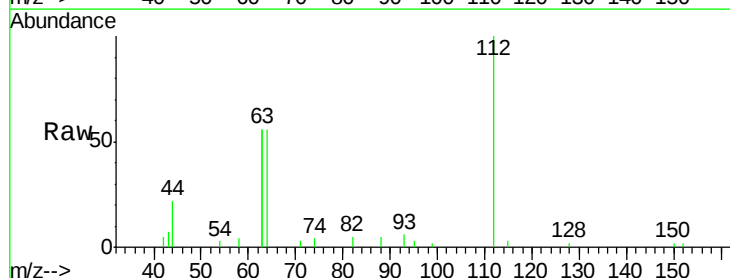
Tgt Ion: 112 Resp: 5402

Ion Ratio Lower Upper

112 100

64 58.1 57.9 86.9

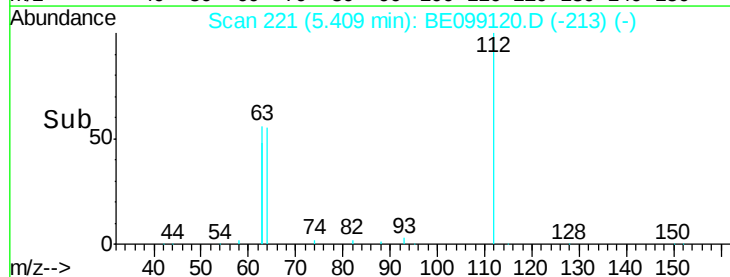
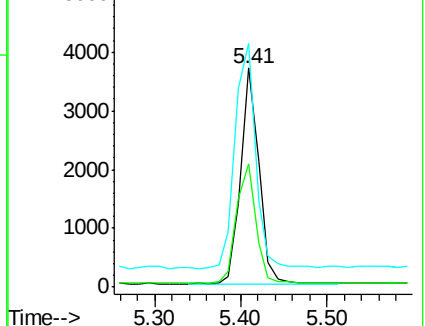
63 117.0 158.3 237.5#

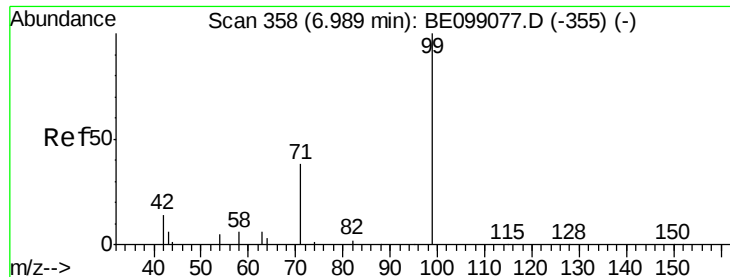


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.495 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

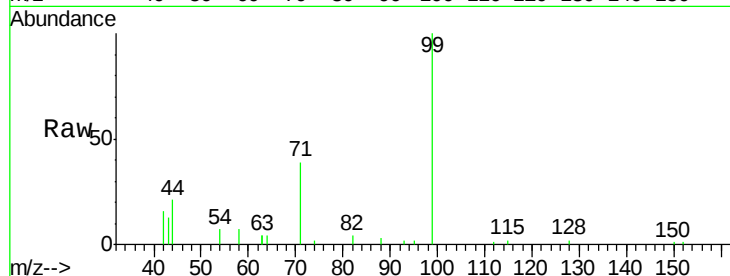
Tot Ion: 99 Resp: 8084

Ion Ratio Lower Upper

99 100

42 15.1 24.2 36.2#

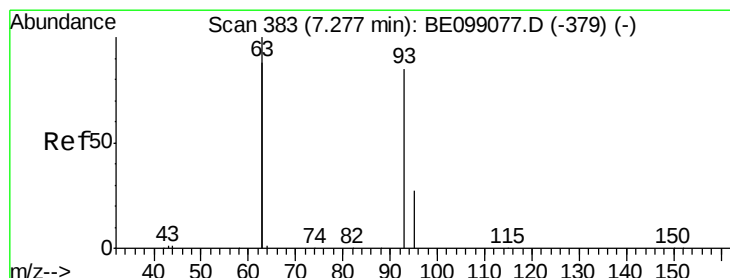
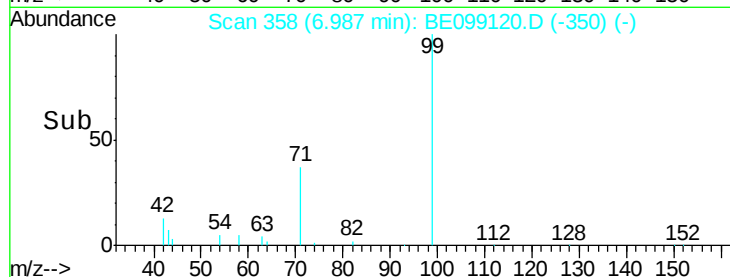
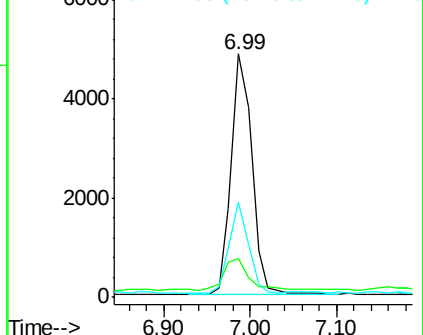
71 34.8 35.7 53.5#



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: 0.465 ng

RT: 7.26 min Scan# 382

Delta R.T. -0.01 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

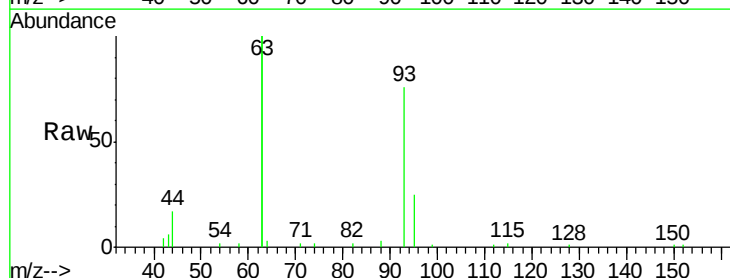
Tgt Ion: 93 Resp: 6169

Ion Ratio Lower Upper

93 100

63 285.7 247.5 371.3

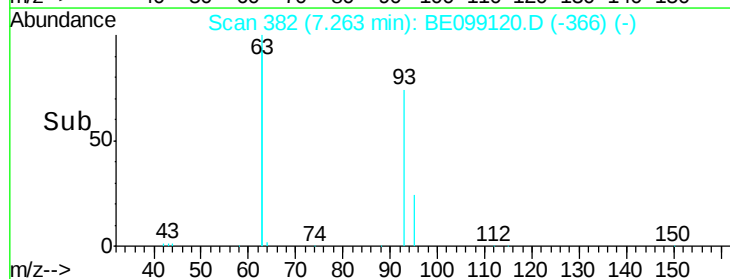
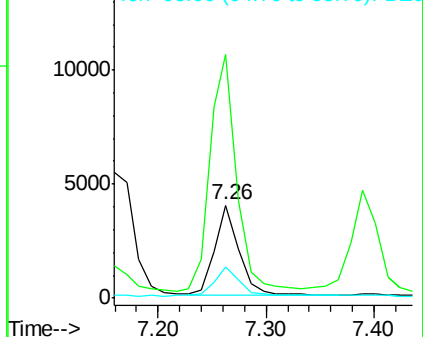
95 33.2 21.8 32.8#

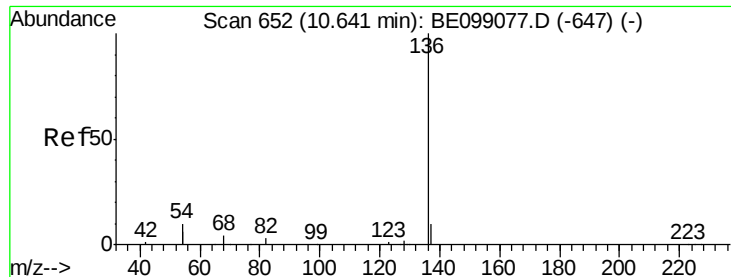


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 16571

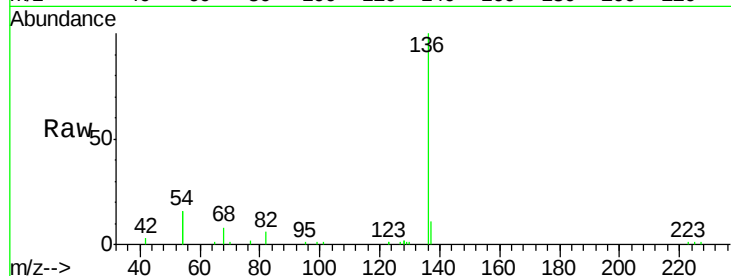
Ion Ratio Lower Upper

136 100

137 11.4 11.4 17.0

54 32.6 39.3 58.9#

68 8.1 6.7 10.1

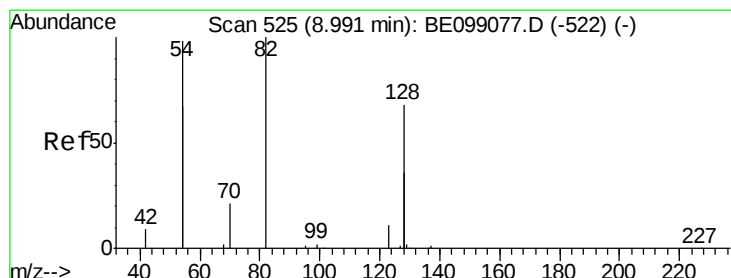
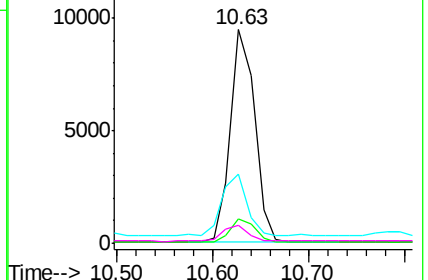
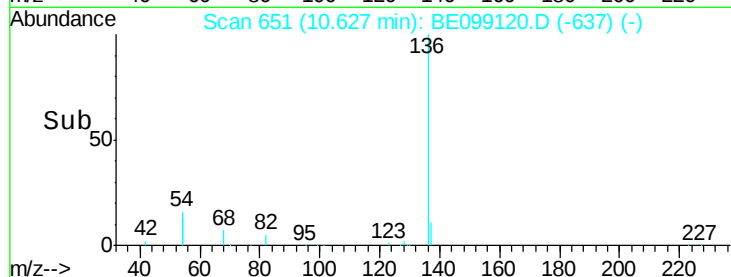


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.837 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.01 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

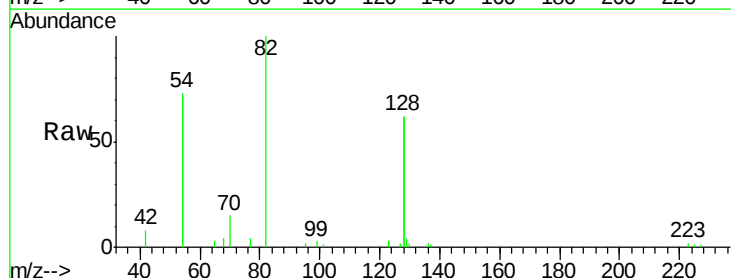
Tgt Ion: 82 Resp: 6065

Ion Ratio Lower Upper

82 100

128 123.2 123.8 185.8#

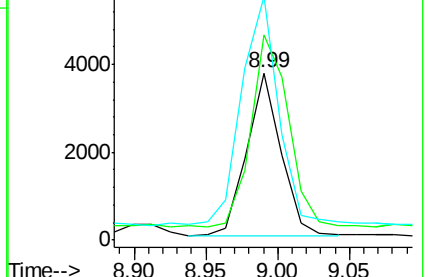
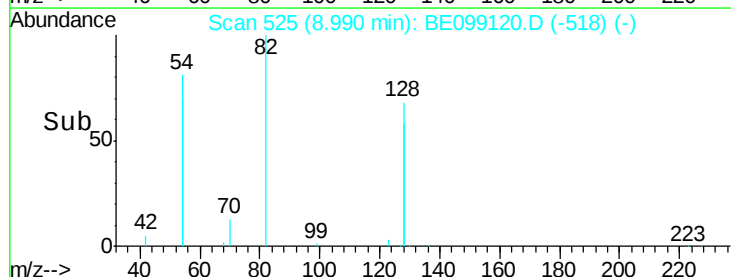
54 145.9 203.4 305.2#

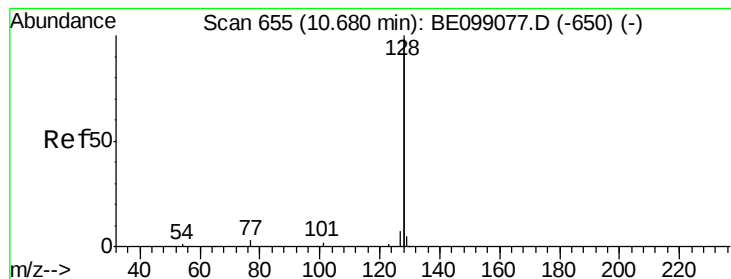


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.442 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

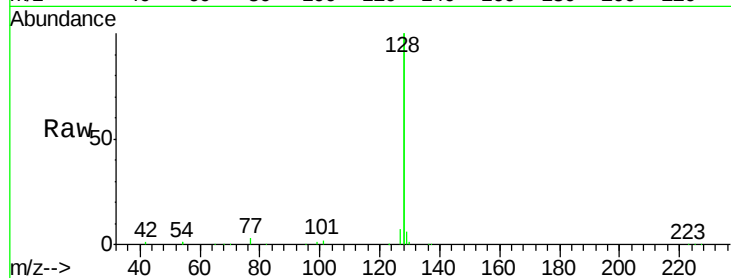
Tot Ion:128 Resp: 86281

Ion Ratio Lower Upper

128 100

129 3.0 2.6 4.0

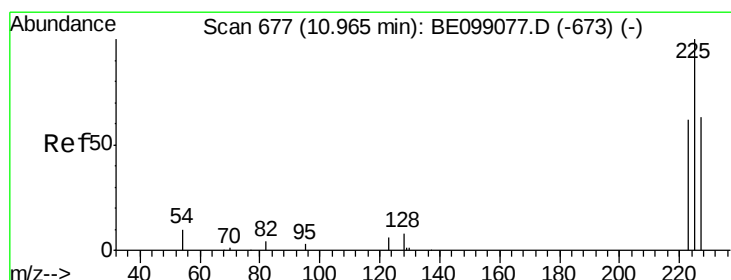
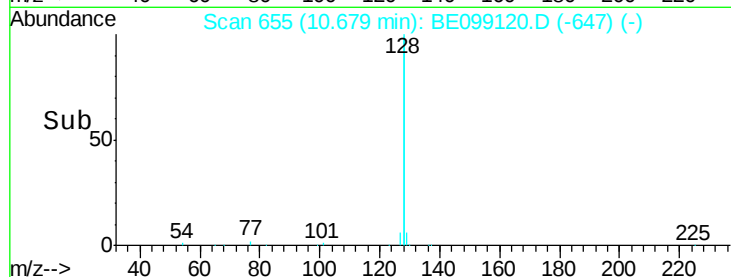
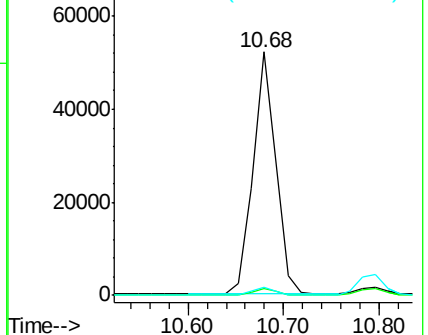
127 3.3 3.1 4.7



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: 0.463 ng

RT: 10.96 min Scan# 677

Delta R.T. -0.00 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

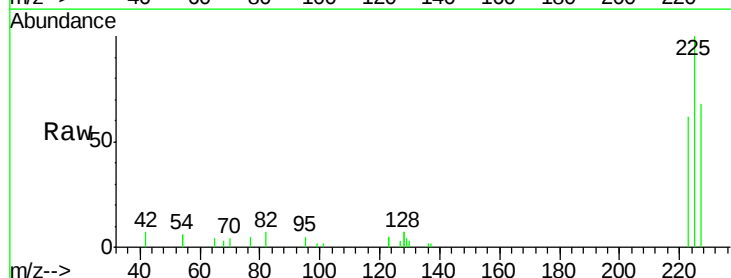
Tgt Ion:225 Resp: 4419

Ion Ratio Lower Upper

225 100

223 62.5 51.1 76.7

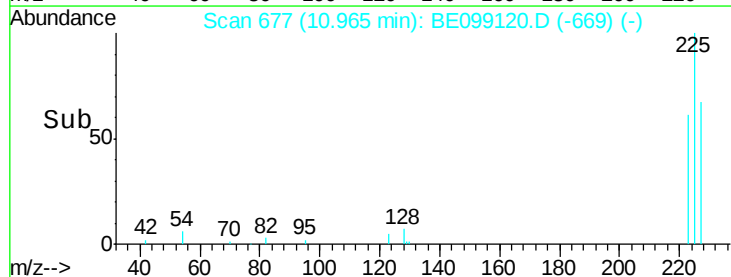
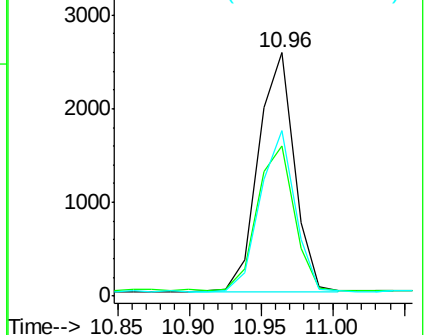
227 65.5 51.6 77.4

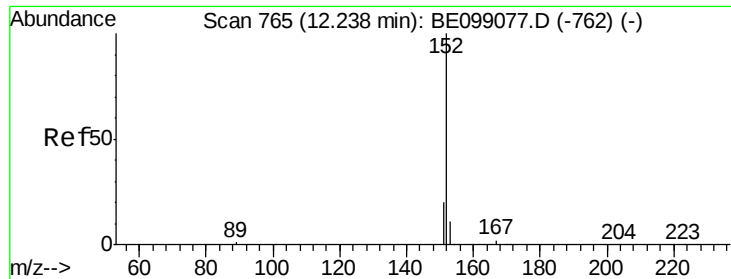


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

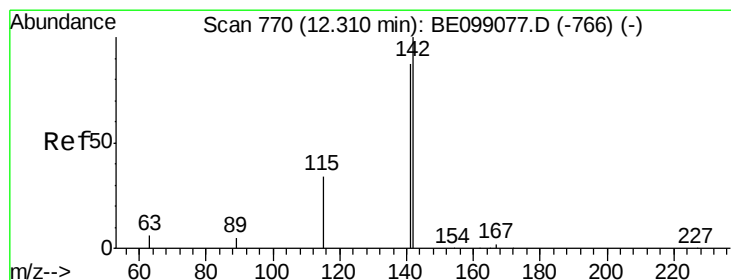
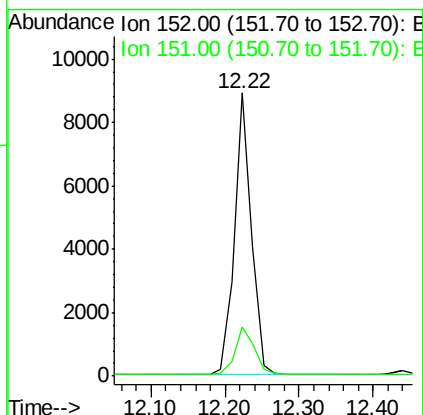
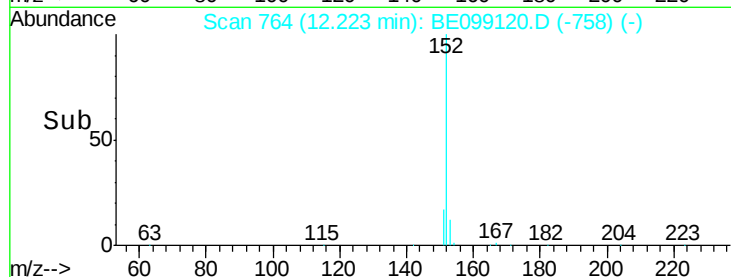
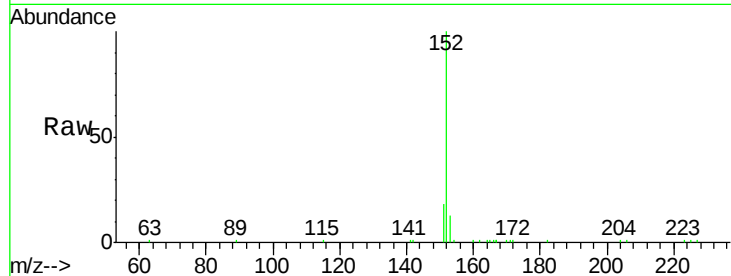




#11
2-Methylnaphthalene-d10
Concen: 0.472 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.02 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

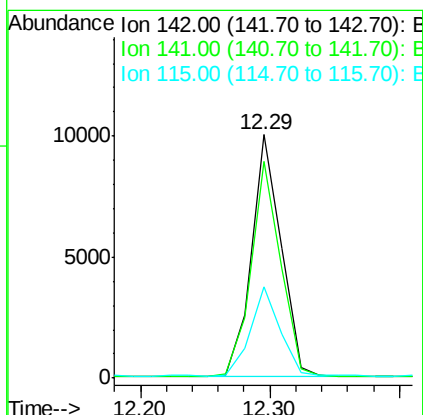
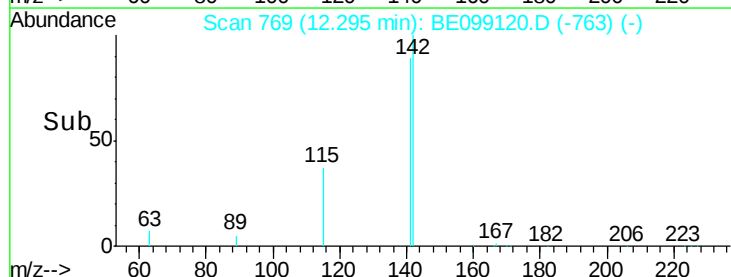
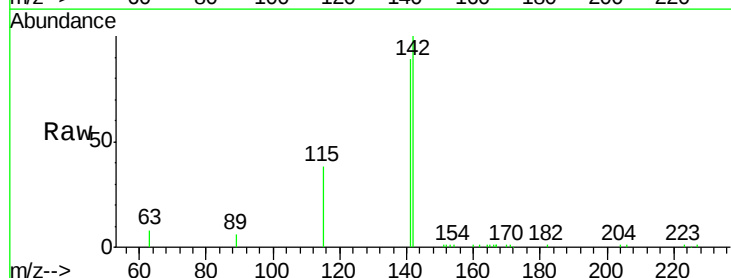
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

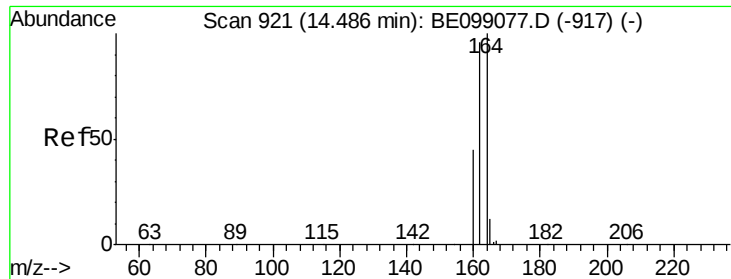
Tot Ion:152 Resp: 14096
Ion Ratio Lower Upper
152 100
151 19.0 16.5 24.7



#12
2-Methylnaphthalene
Concen: 0.472 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.02 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:142 Resp: 15787
Ion Ratio Lower Upper
142 100
141 88.9 72.6 108.8
115 37.5 37.4 56.2

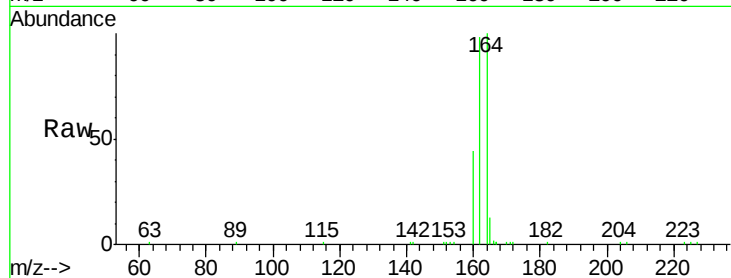




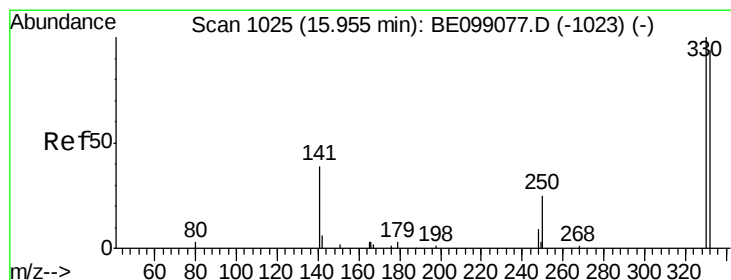
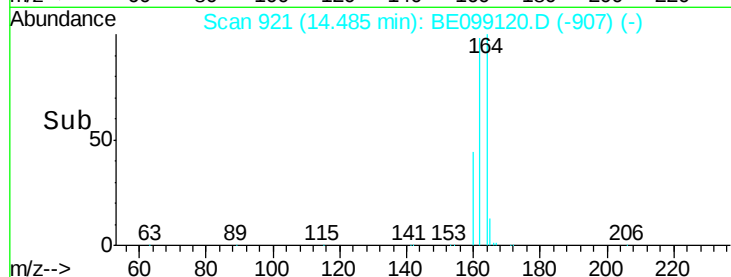
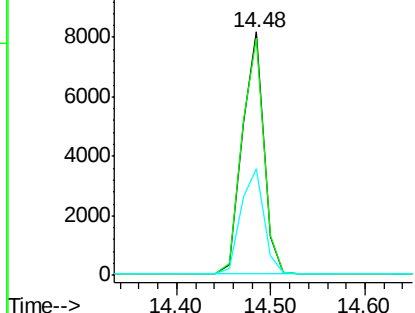
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 12823
Ion Ratio Lower Upper
164 100
162 97.6 80.2 120.2
160 44.0 37.8 56.8

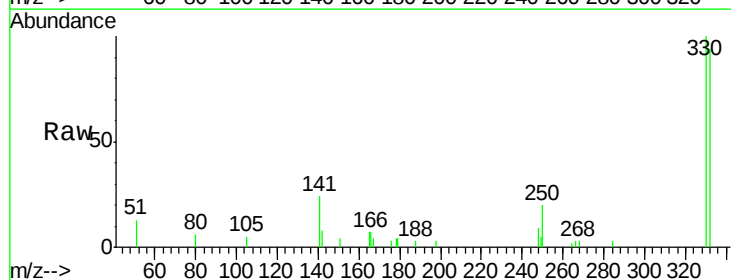


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

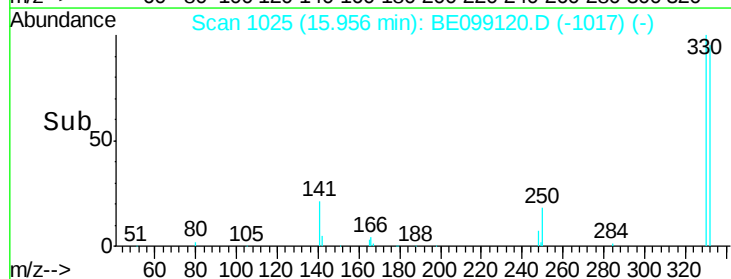
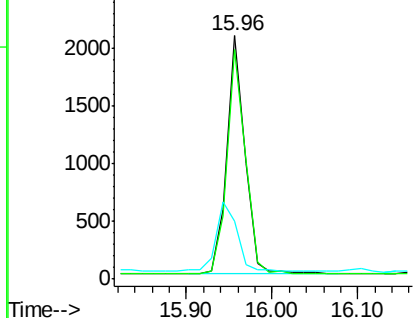


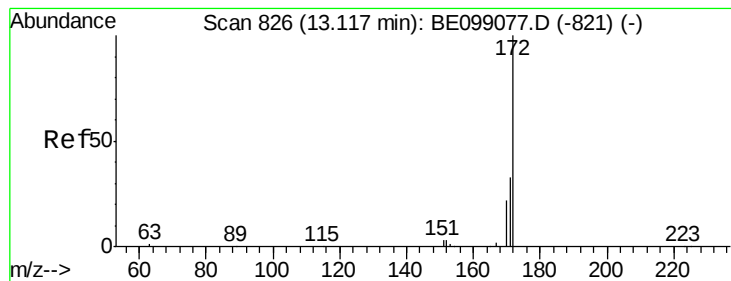
#14
2,4,6-Tribromophenol
Concen: 0.804 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:330 Resp: 3032
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 33.2 31.0 46.4



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: 0.455 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.02 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

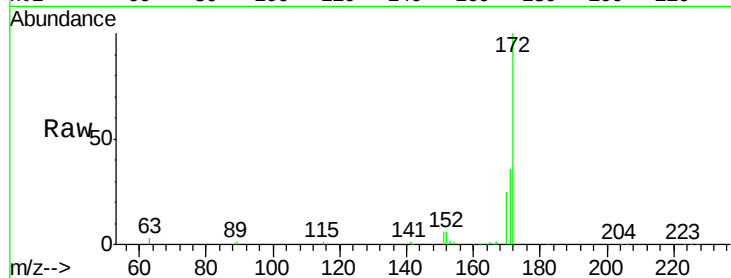
Tot Ion:172 Resp: 23200

Ion Ratio Lower Upper

172 100

171 35.9 28.0 42.0

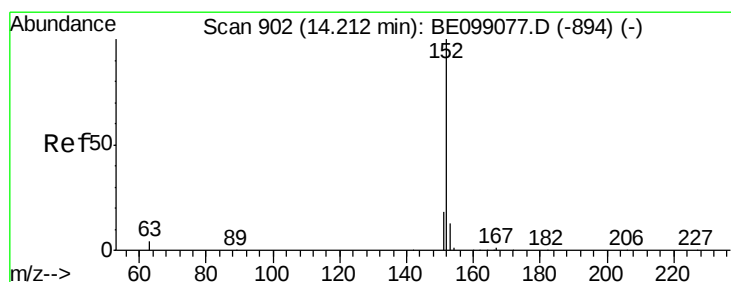
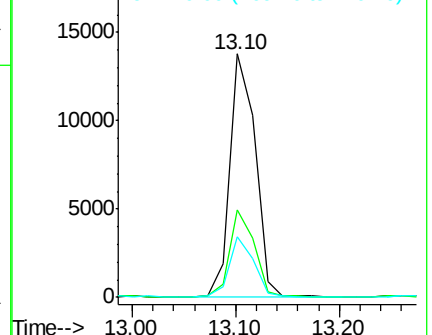
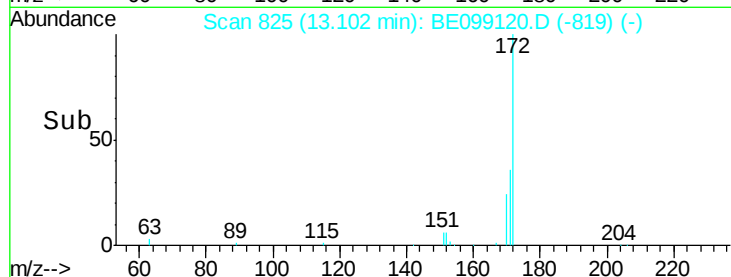
170 24.7 17.7 26.5



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: 0.432 ng

RT: 14.20 min Scan# 901

Delta R.T. -0.02 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

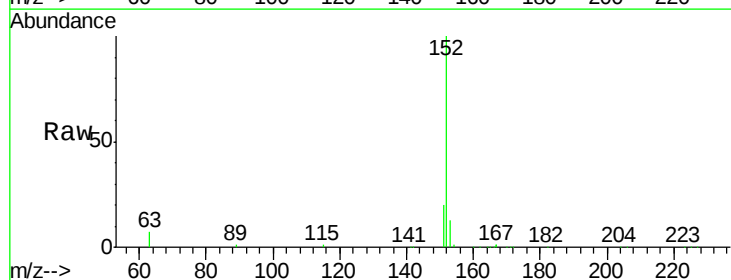
Tgt Ion:152 Resp: 29561

Ion Ratio Lower Upper

152 100

151 19.8 17.0 25.6

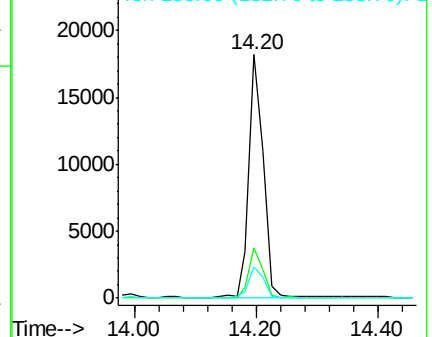
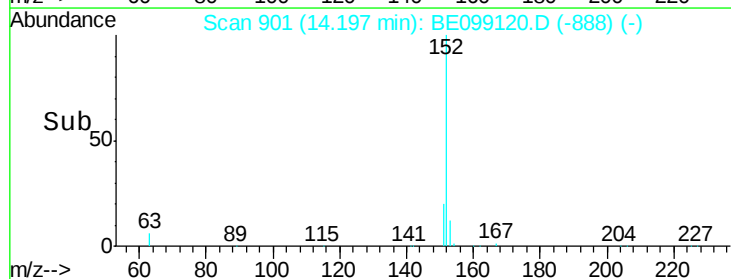
153 12.7 11.2 16.8

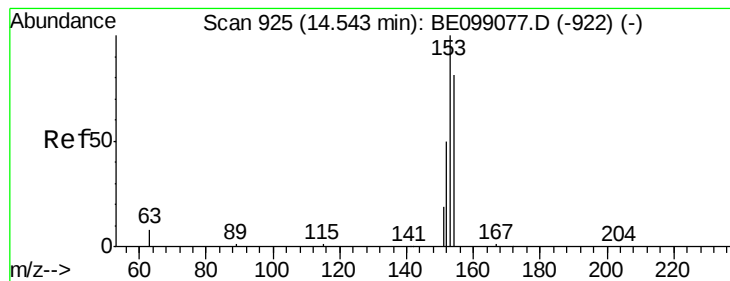


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.436 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

Instrument :

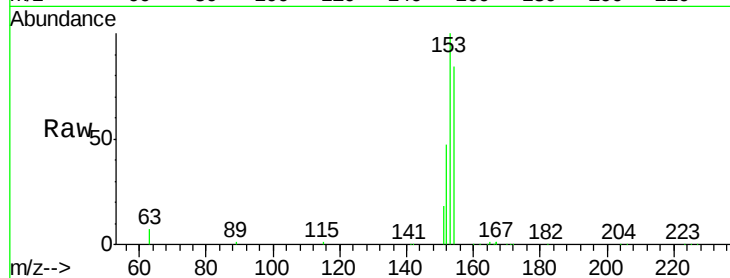
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:154 Resp: 17706

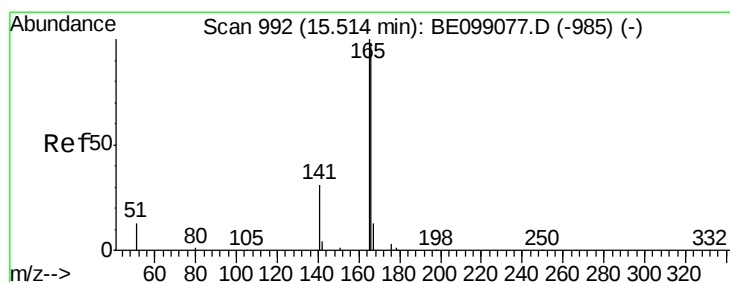
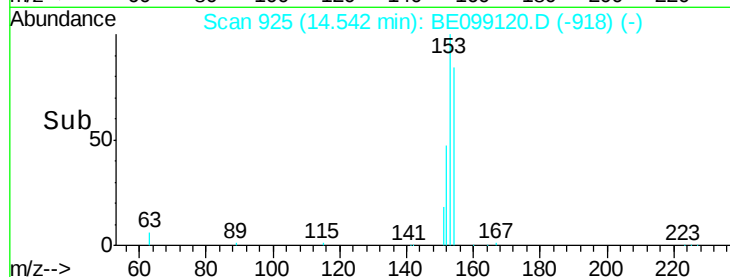
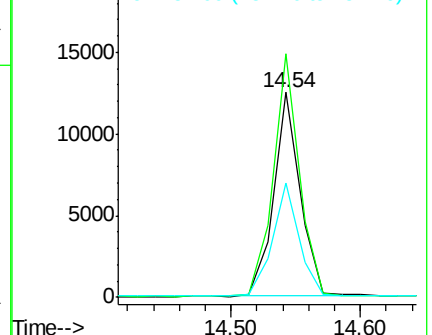
Ion	Ratio	Lower	Upper
154	100		
153	117.5	94.2	141.4
152	56.7	45.0	67.4



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: 0.440 ng

RT: 15.51 min Scan# 992

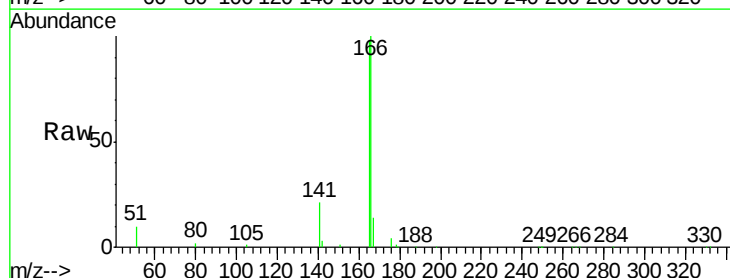
Delta R.T. 0.00 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

Tgt Ion:166 Resp: 26074

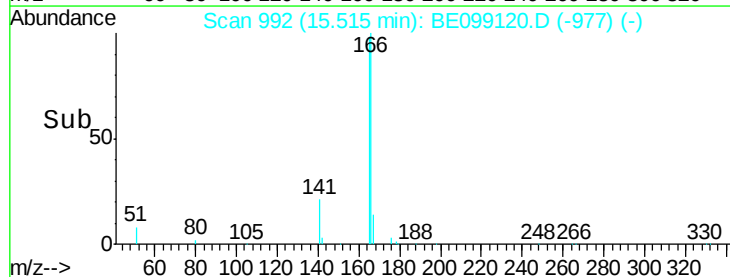
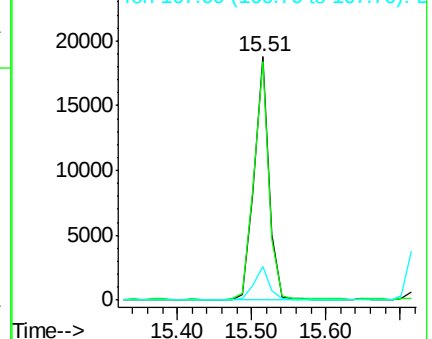
Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.3	118.9
167	13.5	10.5	15.7

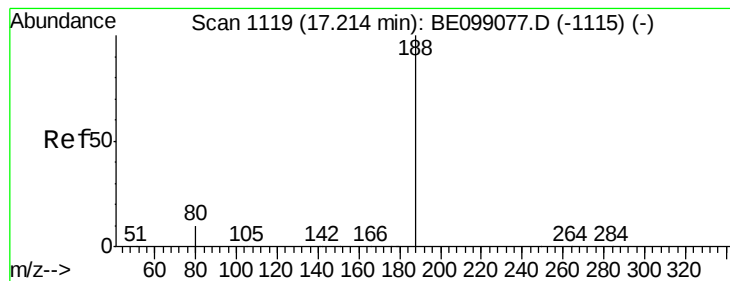


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

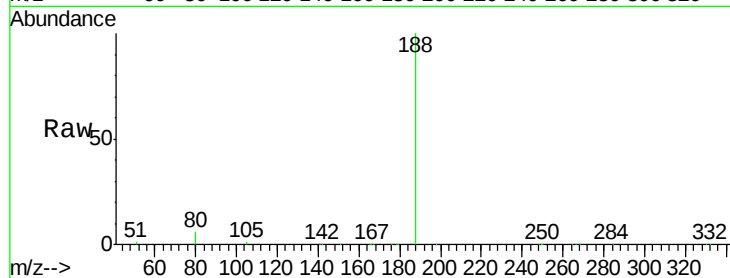
Tot Ion:188 Resp: 36588

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

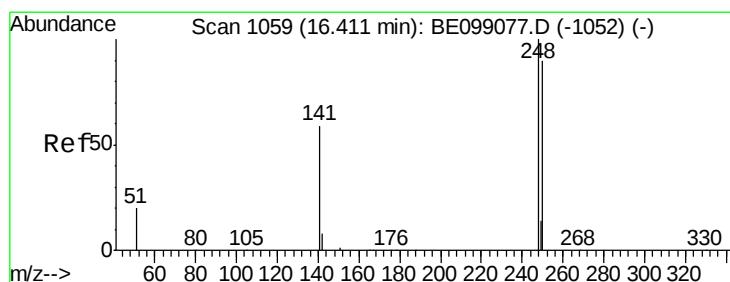
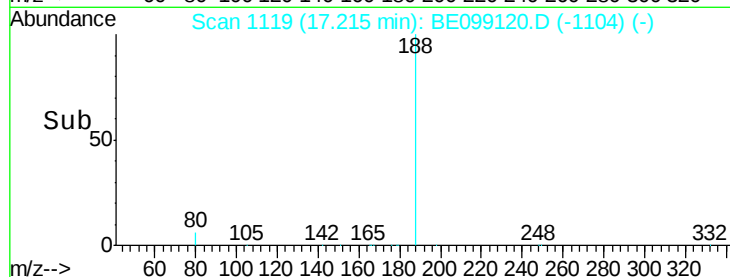
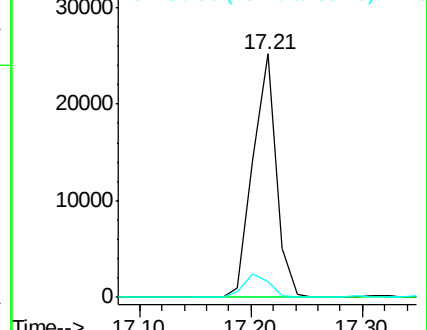
80 6.4 6.3 9.5



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: 0.485 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

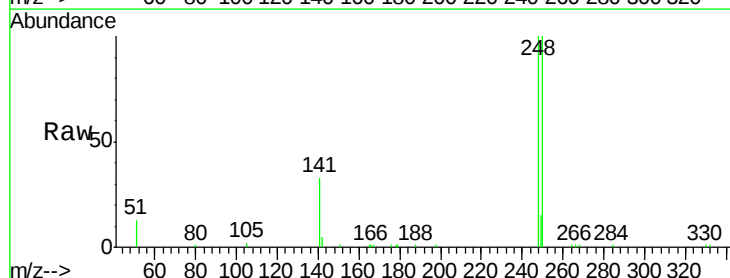
Tgt Ion:248 Resp: 9831

Ion Ratio Lower Upper

248 100

250 100.0 70.6 105.8

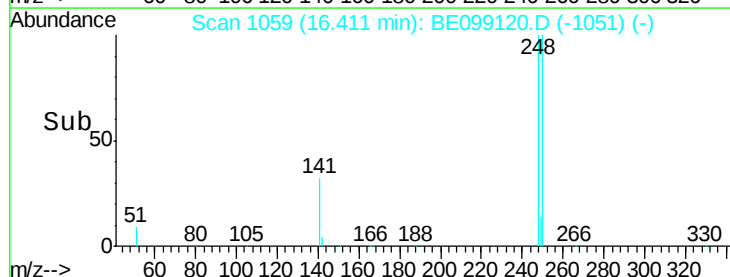
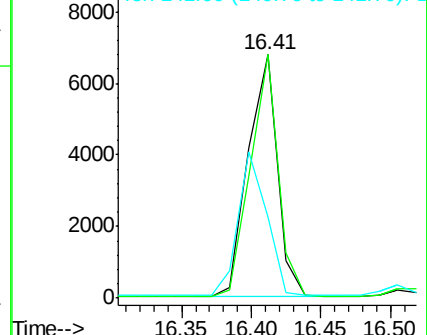
141 33.3 68.6 102.8#

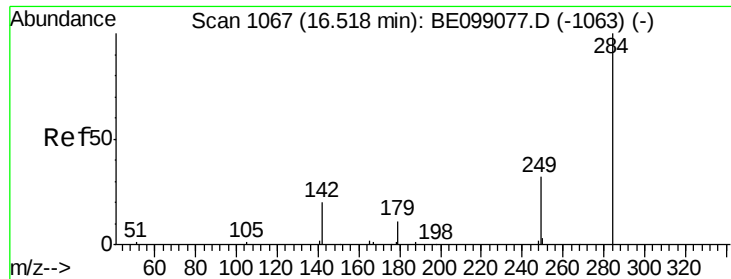


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.489 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

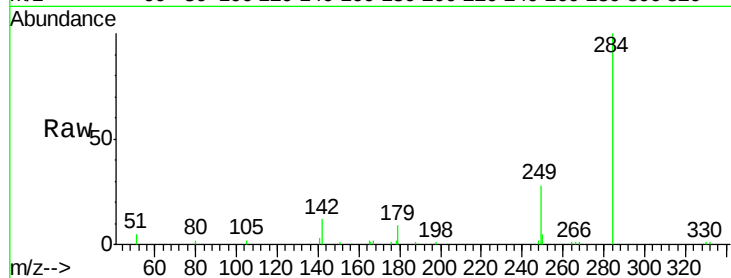
Tot Ion:284 Resp: 9190

Ion Ratio Lower Upper

284 100

142 31.0 28.7 43.1

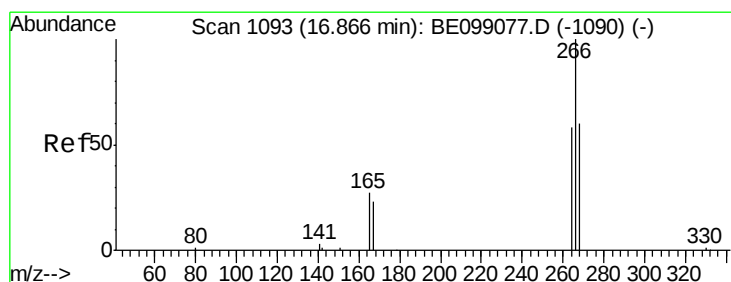
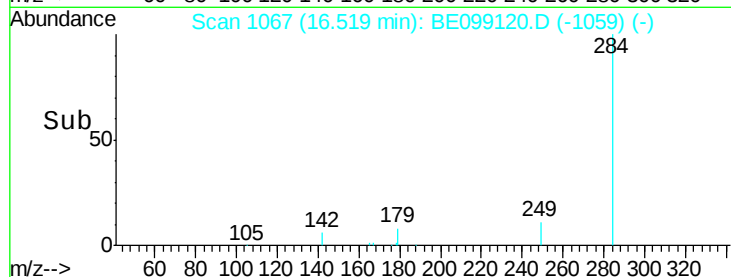
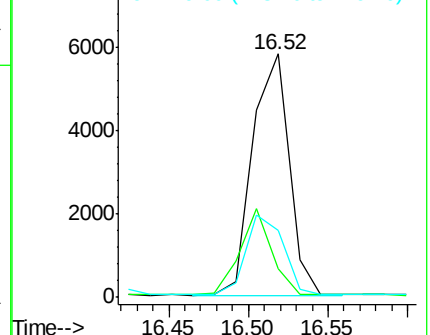
249 34.0 29.6 44.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.714 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

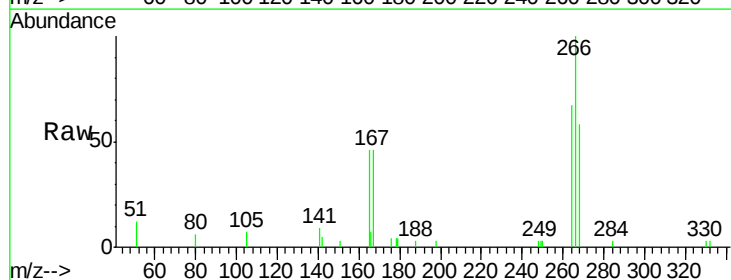
Tgt Ion:266 Resp: 3568

Ion Ratio Lower Upper

266 100

264 66.6 66.6 100.0#

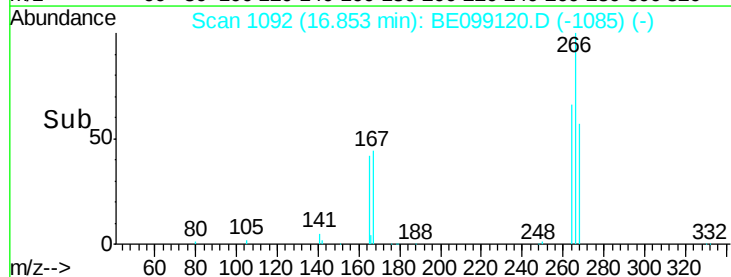
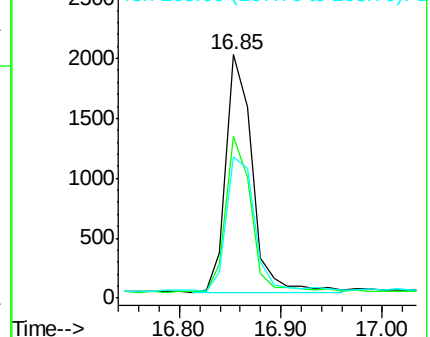
268 57.9 69.8 104.8#

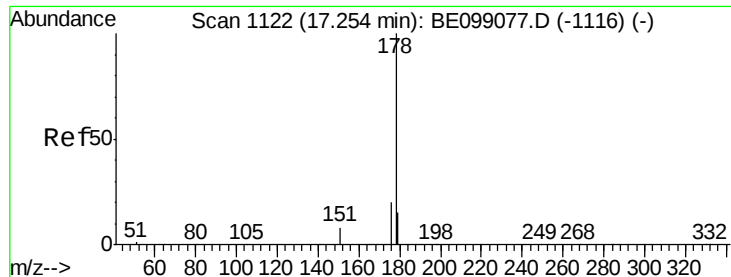


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.434 ng

RT: 17.25 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

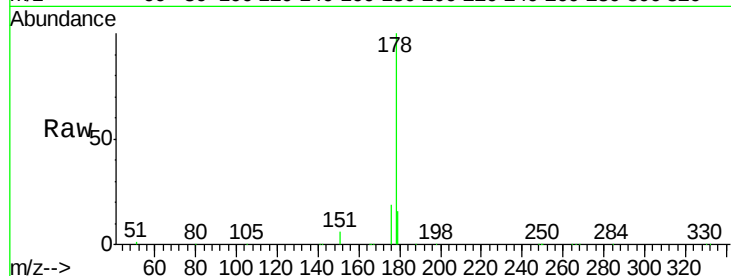
Tot Ion:178 Resp: 47150

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

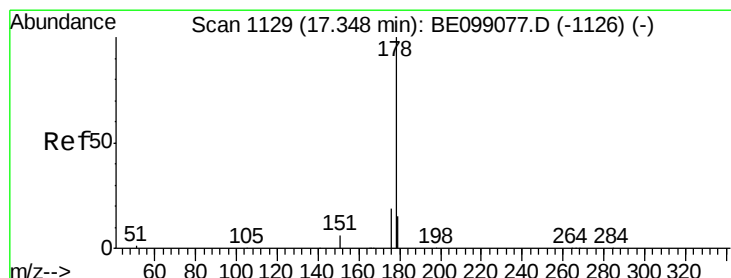
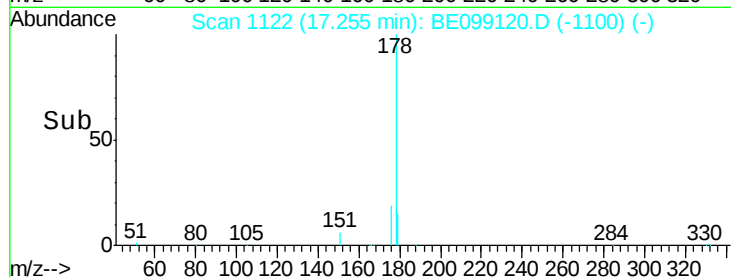
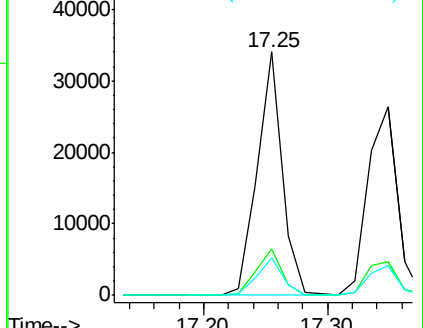
179 15.7 12.1 18.1



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



#24

Anthracene

Concen: 0.419 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

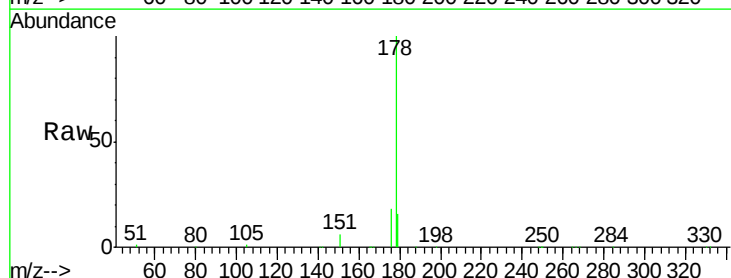
Tgt Ion:178 Resp: 43020

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

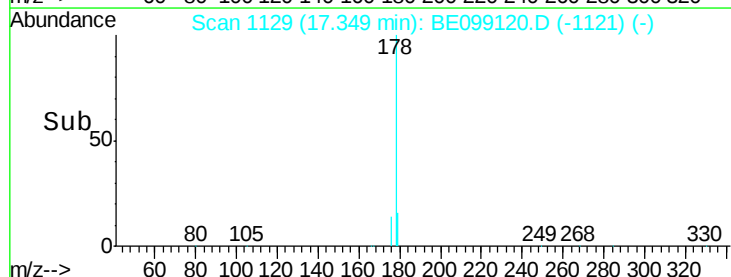
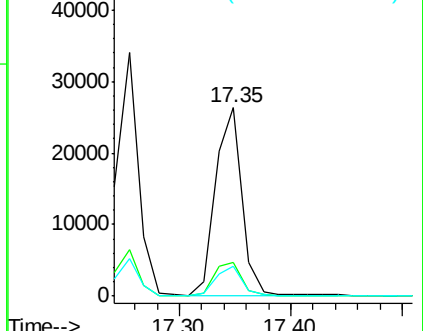
179 15.5 12.2 18.4

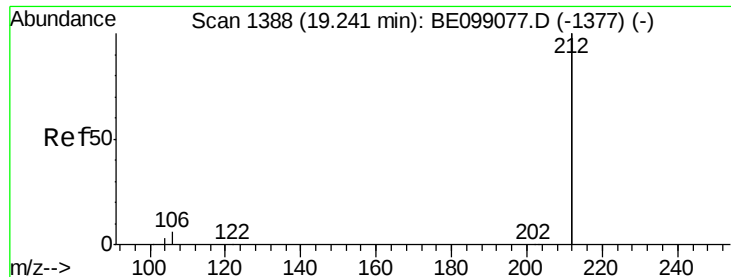


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.404 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

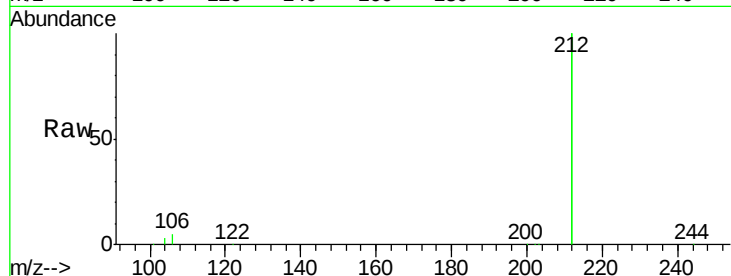
Tot Ion:212 Resp: 197385

Ion Ratio Lower Upper

212 100

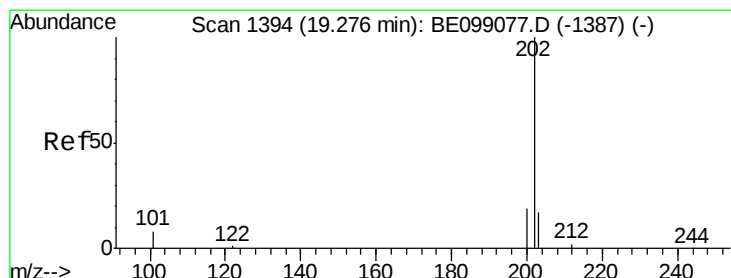
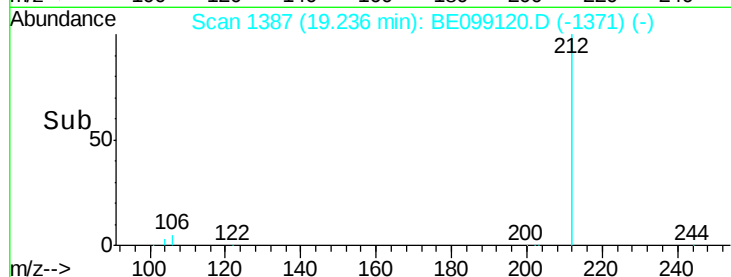
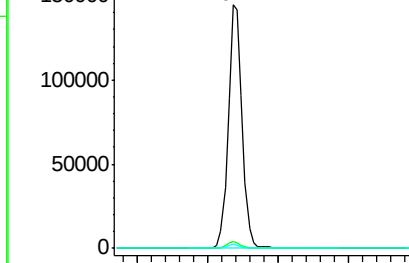
106 2.5 1.8 2.8

104 1.4 1.0 1.6



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

19.24



#26

Fluoranthene

Concen: 0.394 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

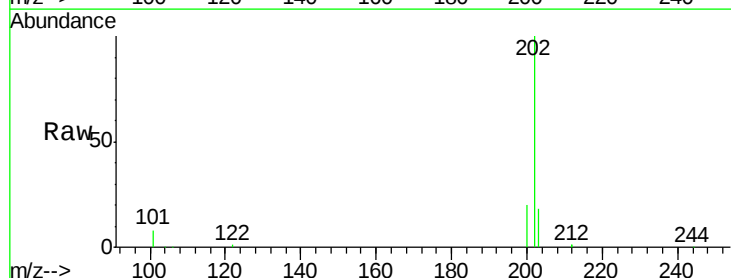
Tgt Ion:202 Resp: 60289

Ion Ratio Lower Upper

202 100

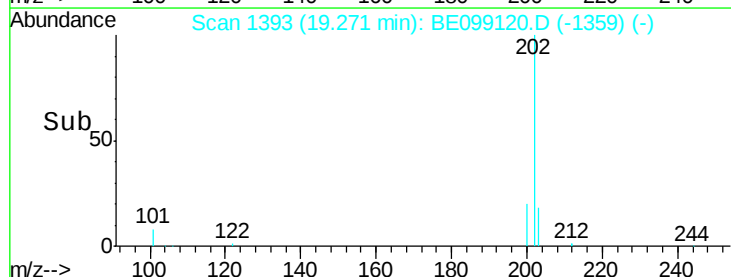
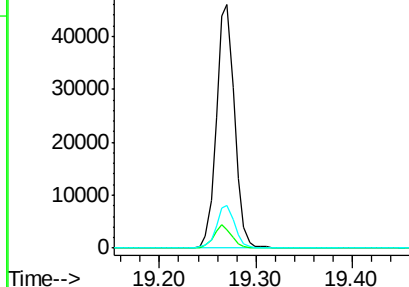
101 9.1 7.3 10.9

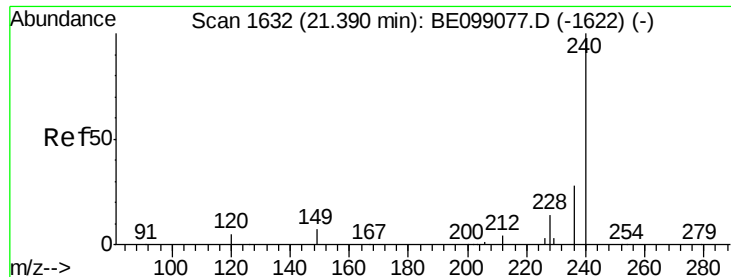
203 17.2 13.4 20.2



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

19.27

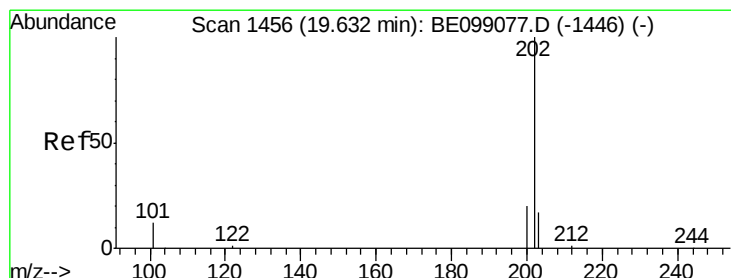
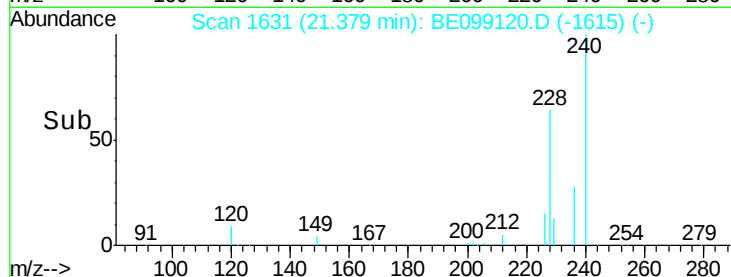
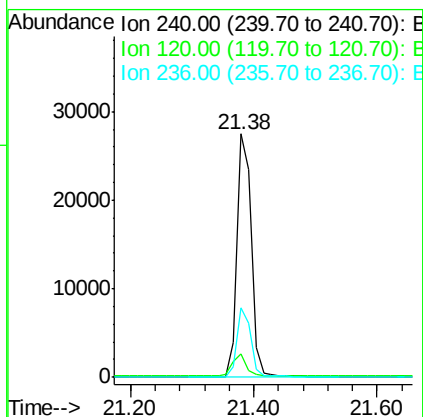
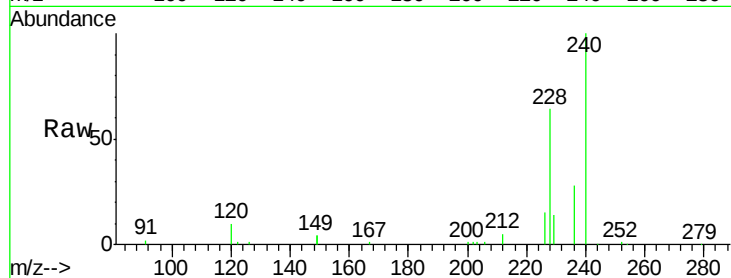




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

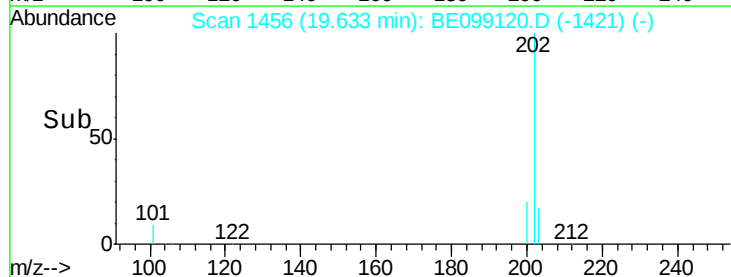
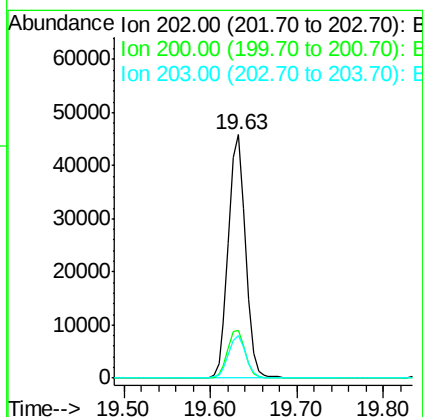
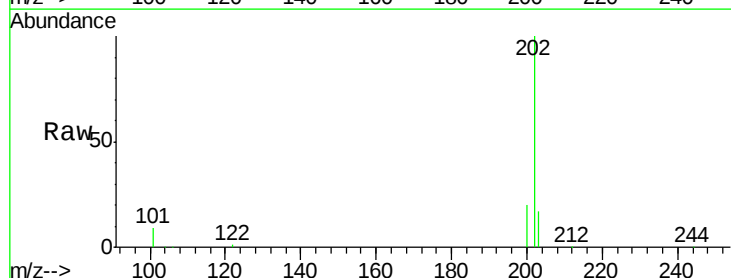
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

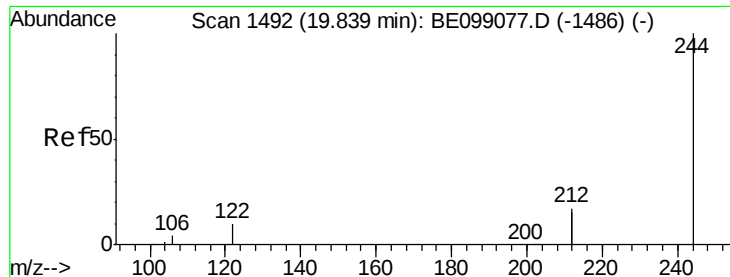
Tot Ion:240 Resp: 42994
Ion Ratio Lower Upper
240 100
120 9.8 5.0 7.4#
236 28.5 22.7 34.1



#28
Pyrene
Concen: 0.425 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:202 Resp: 61977
Ion Ratio Lower Upper
202 100
200 20.0 17.0 25.6
203 17.5 14.2 21.2





#29

Terphenyl-d14

Concen: 0.472 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

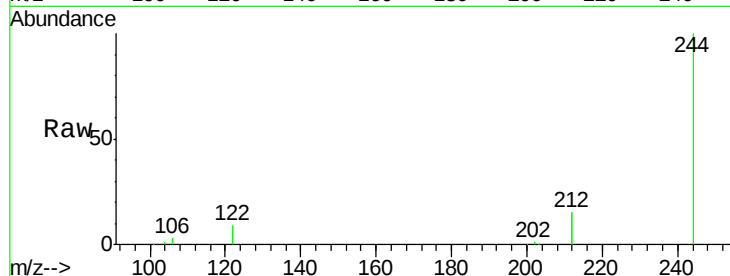
Tot Ion:244 Resp: 42919

Ion Ratio Lower Upper

244 100

212 29.9 29.4 44.2

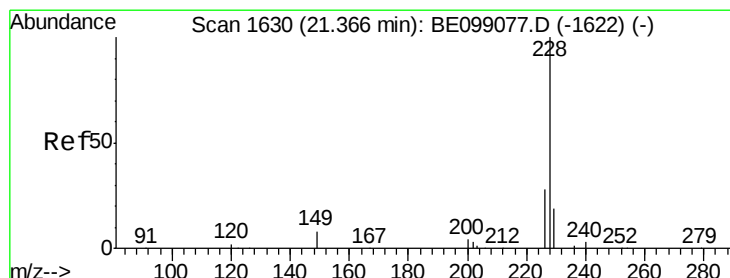
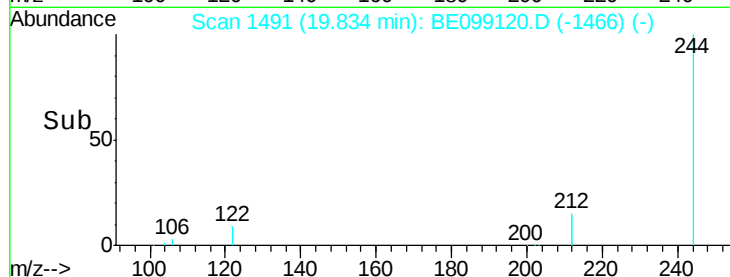
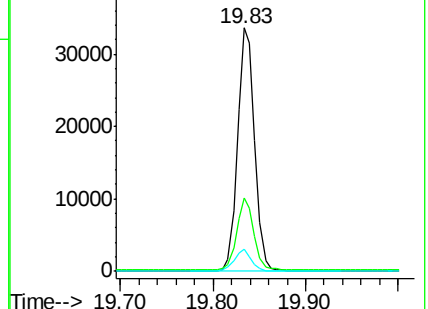
122 8.9 7.1 10.7



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: 0.421 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

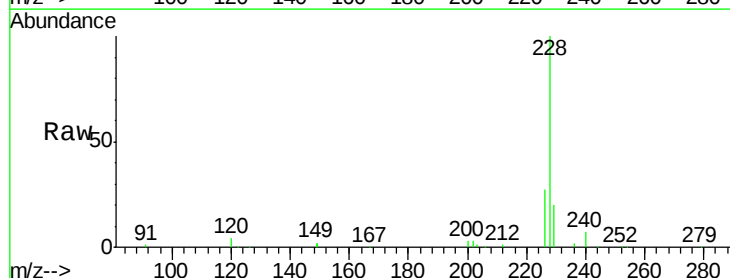
Tgt Ion:228 Resp: 63846

Ion Ratio Lower Upper

228 100

226 26.9 23.0 34.4

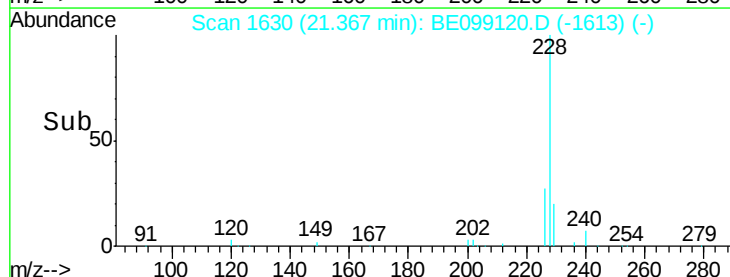
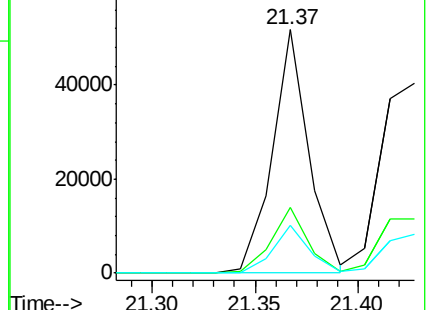
229 19.7 16.5 24.7

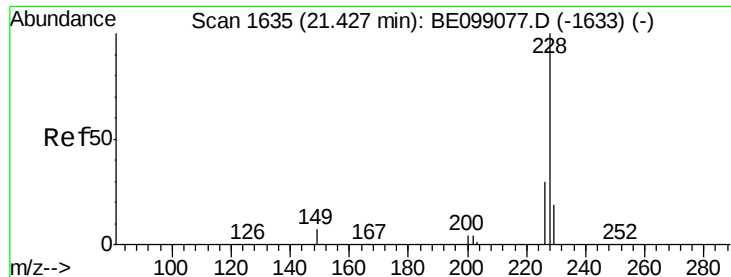


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.426 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

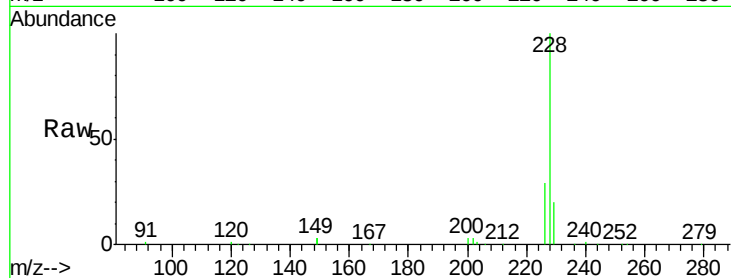
Tot Ion:228 Resp: 64506

Ion Ratio Lower Upper

228 100

226 28.7 23.7 35.5

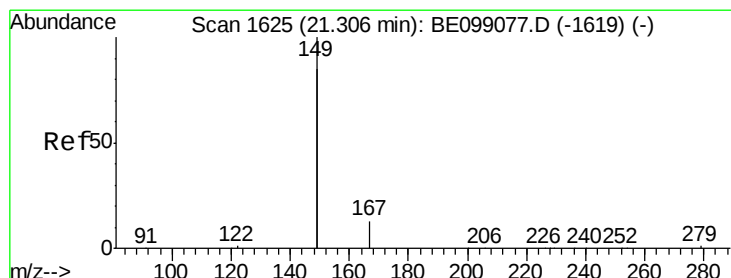
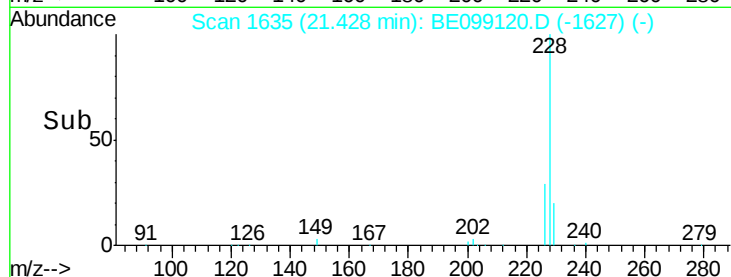
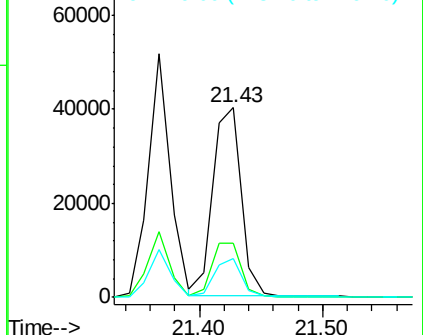
229 20.4 16.1 24.1



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: 0.489 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099120.D

Acq: 23 Mar 2019 20:08

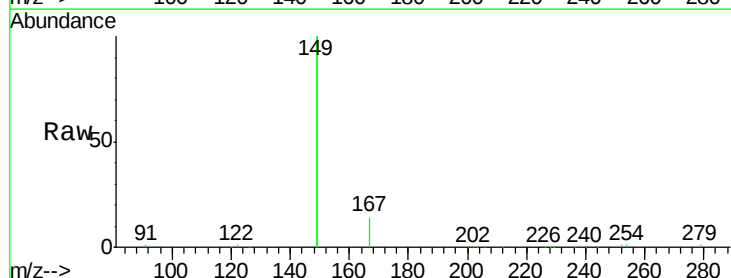
Tgt Ion:149 Resp: 96031

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

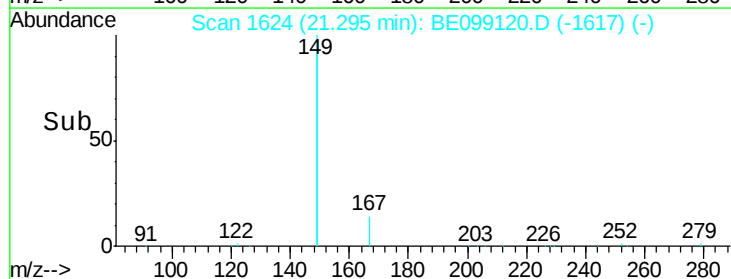
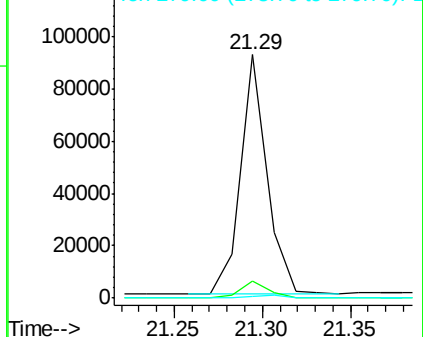
279 1.0 1.0 1.4

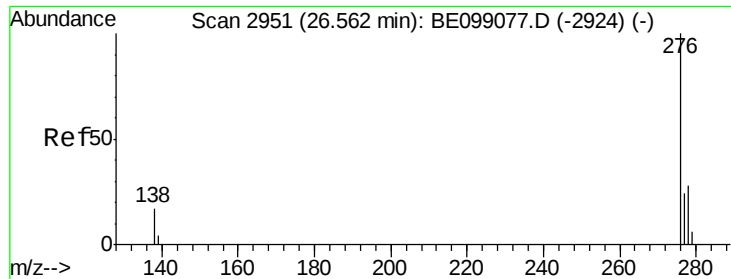


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

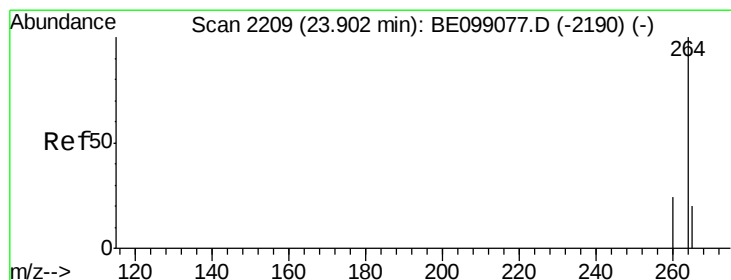
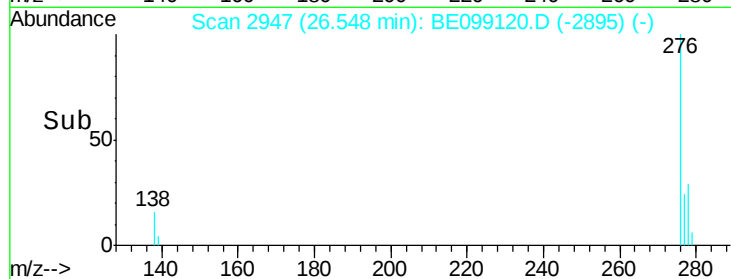
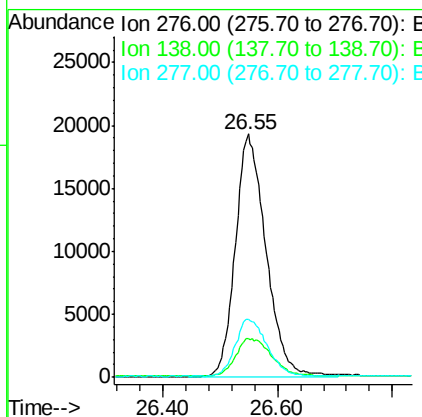
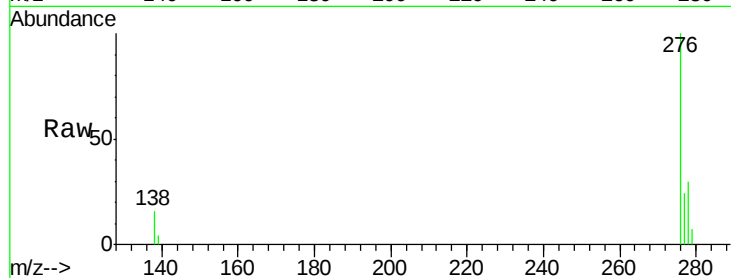




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.438 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

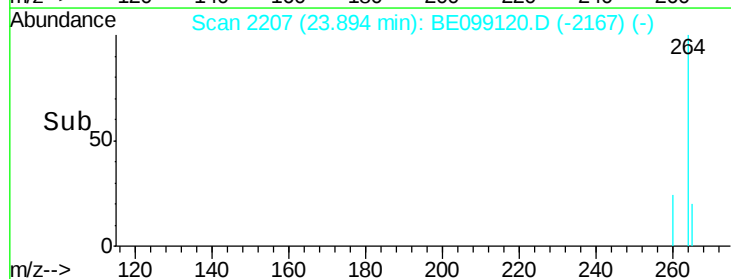
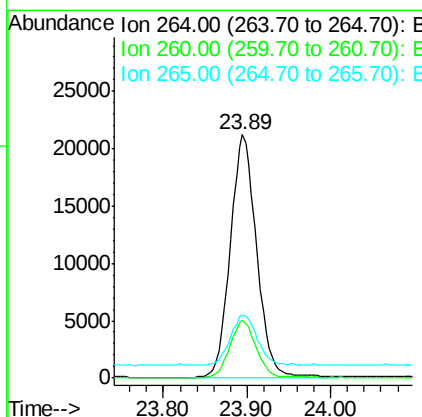
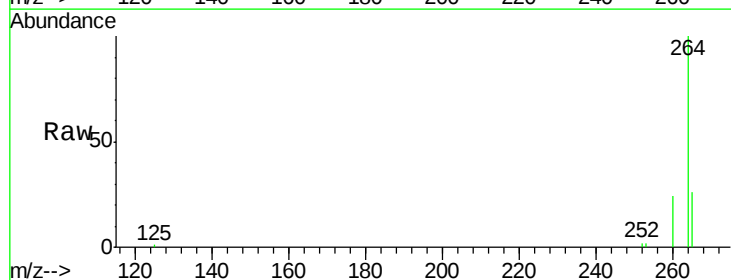
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

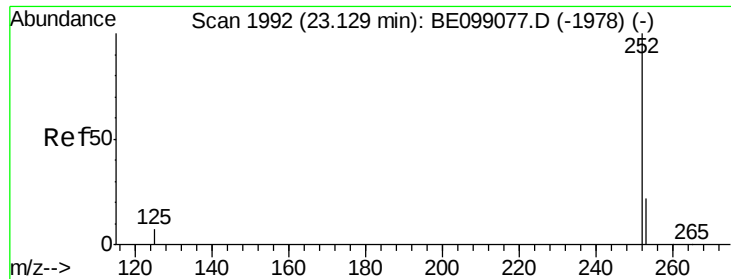
Tot Ion:276 Resp: 71247
Ion Ratio Lower Upper
276 100
138 18.2 13.8 20.8
277 24.4 19.5 29.3



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:264 Resp: 45890
Ion Ratio Lower Upper
264 100
260 23.8 21.2 31.8
265 25.7 24.6 36.8

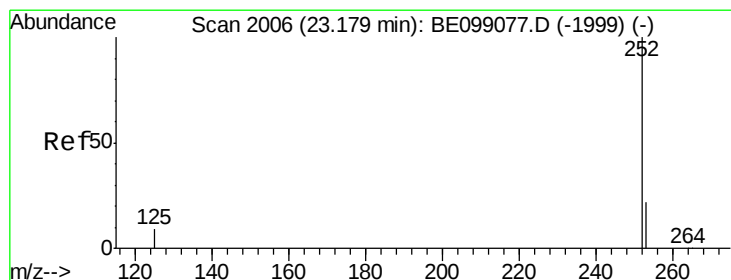
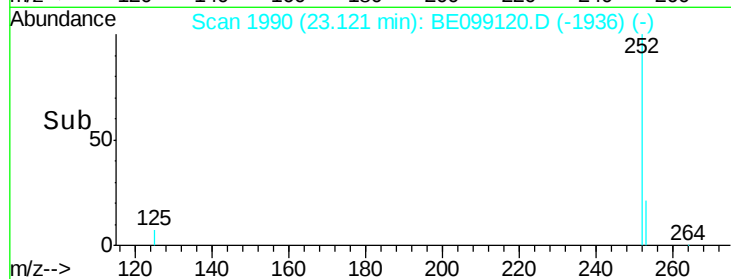
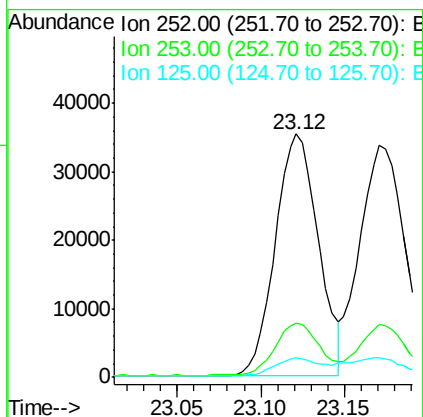
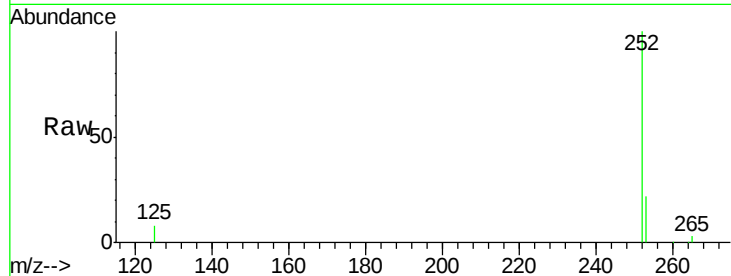




#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

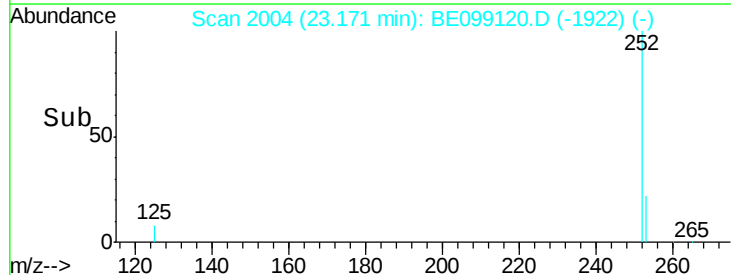
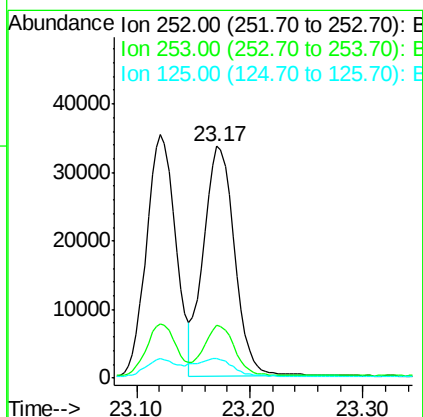
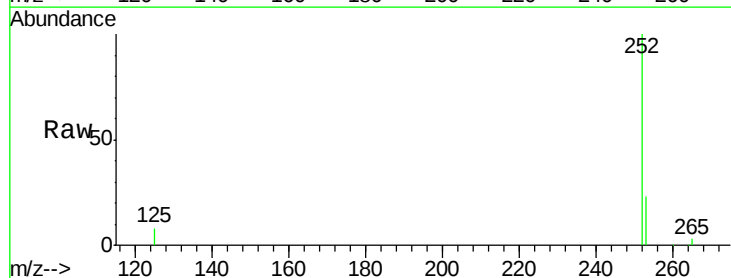
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

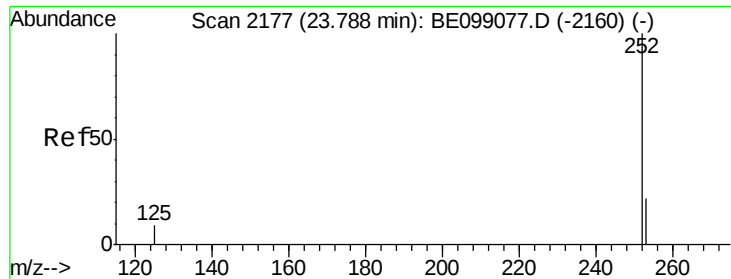
Tot Ion:252 Resp: 63485
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 7.9 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.414 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:252 Resp: 64378
Ion Ratio Lower Upper
252 100
253 22.6 19.3 28.9
125 8.4 7.5 11.3

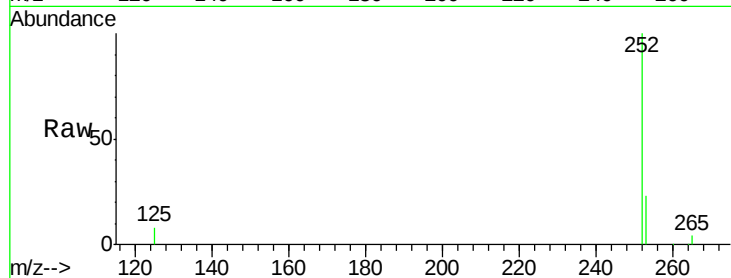




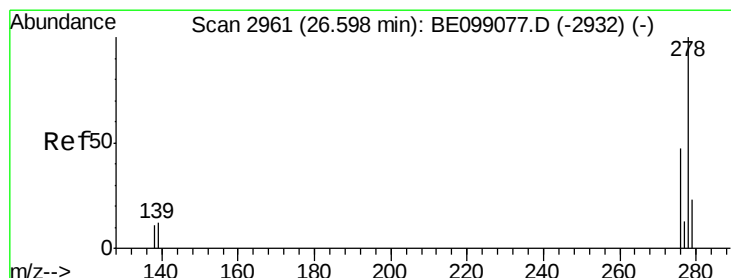
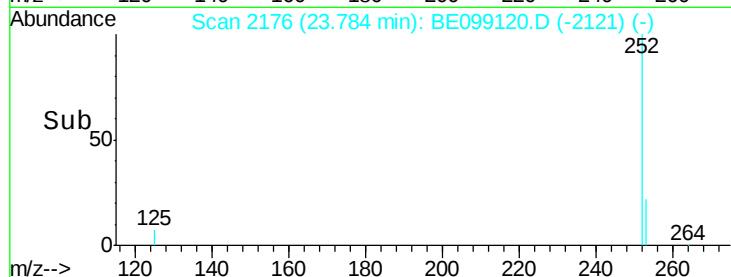
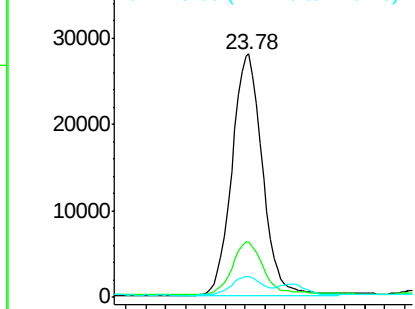
#37
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.78 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 59262
Ion Ratio Lower Upper
252 100
253 22.8 19.9 29.9
125 8.4 9.0 13.4#

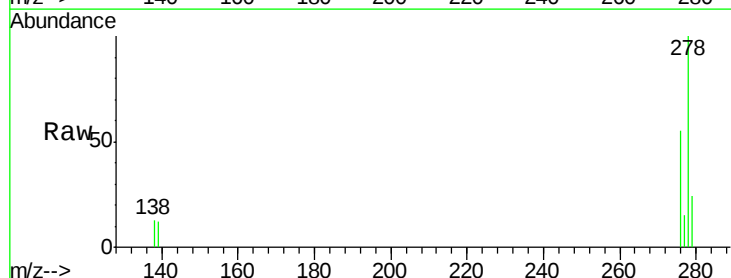


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

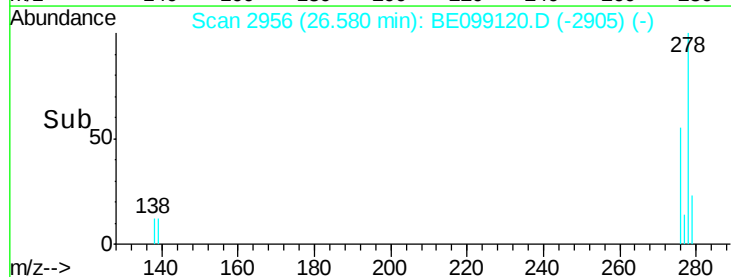
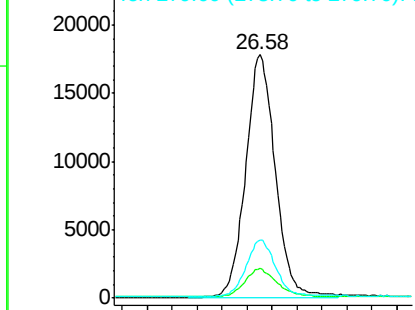


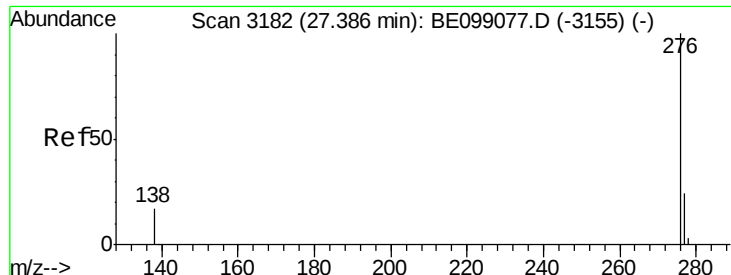
#38
Dibenzo(a,h)anthracene
Concen: 0.408 ng
RT: 26.58 min Scan# 2956
Delta R.T. -0.02 min
Lab File: BE099120.D
Acq: 23 Mar 2019 20:08

Tgt Ion:278 Resp: 58272
Ion Ratio Lower Upper
278 100
139 12.2 11.8 17.6
279 23.6 21.1 31.7



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: 0.401 ng

RT: 27.37 min Scan# 3177

Delta R.T. -0.02 min

Lab File: BE099120.D

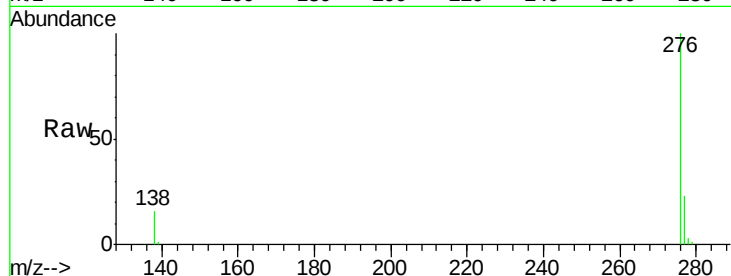
Acq: 23 Mar 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



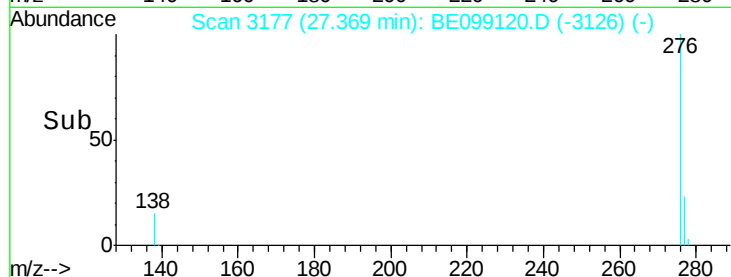
Tot Ion: 276 Resp: 58708

Ion Ratio Lower Upper

276 100

277 23.5 20.4 30.6

138 15.9 13.6 20.4



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

