

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
 Data File : BE099236.D
 Acq On : 27 Mar 2019 4:18
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 27 08:53:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4828	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	21665	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	16075	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	41849	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	48358	0.40	ng	-0.01
34) Perylene-d12	23.89	264	44377	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	4723	0.33	ng	0.00
5) Phenol-d6	6.99	99	7302	0.33	ng	0.00
8) Nitrobenzene-d5	8.99	82	6004	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	14805	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1823	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	22679	0.35	ng	0.00
25) Fluoranthene-d10	19.24	212	175006	0.35	ng	0.00
29) Terphenyl-d14	19.83	244	34287	0.33	ng	0.00

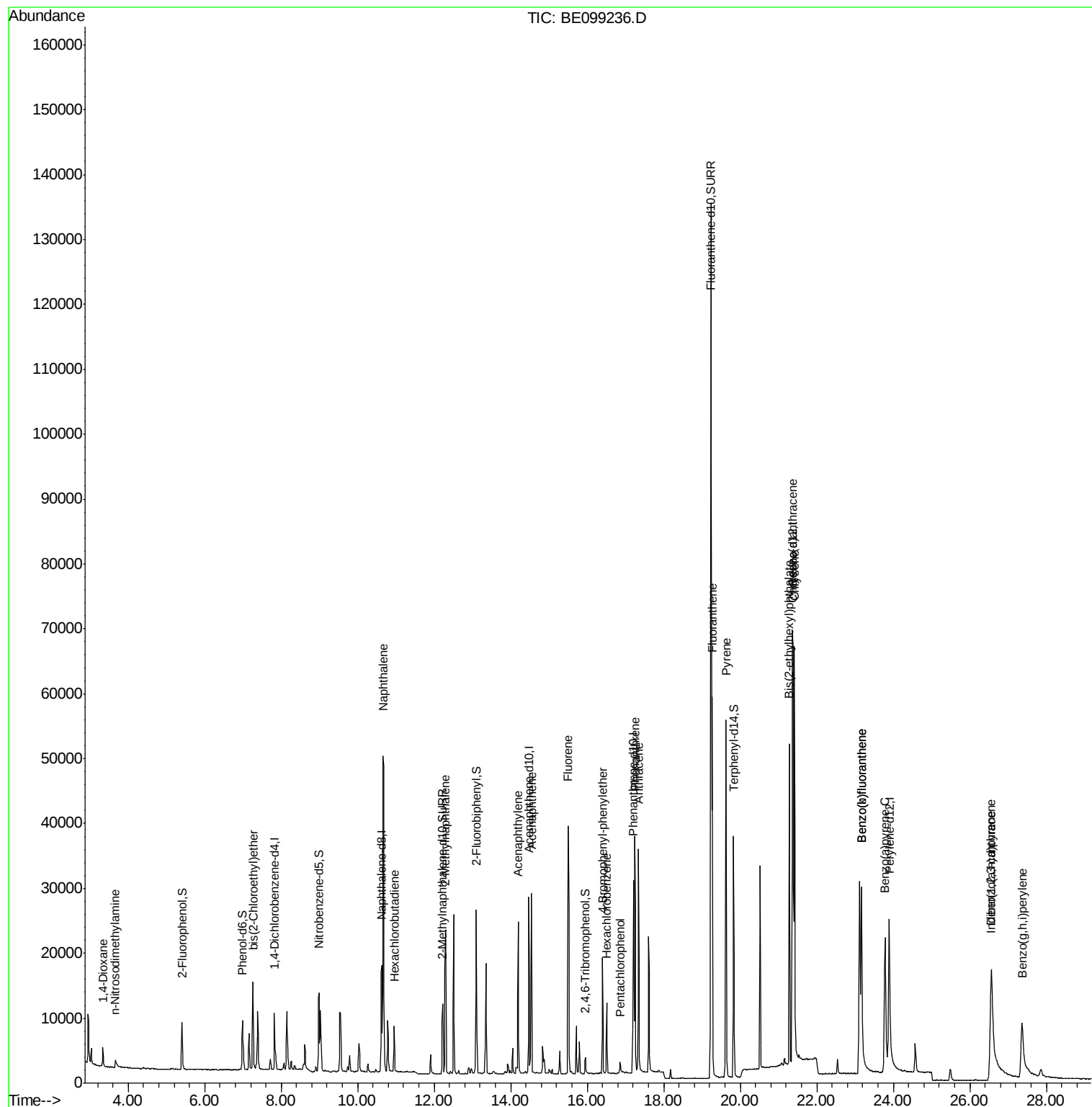
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	2118	0.333	ng	99
3) n-Nitrosodimethylamine	3.67	42	1189	0.334	ng	# 92
6) bis(2-Chloroethyl)ether	7.26	93	5675	0.328	ng	99
9) Naphthalene	10.67	128	88303	0.346	ng	99
10) Hexachlorobutadiene	10.95	225	4734	0.348	ng	97
12) 2-Methylnaphthalene	12.30	142	15894	0.348	ng	98
16) Acenaphthylene	14.20	152	26202	0.320	ng	99
17) Acenaphthene	14.54	154	16363	0.334	ng	99
18) Fluorene	15.50	166	23183	0.336	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	8696	0.322	ng	# 82
21) Hexachlorobenzene	16.51	284	8486	0.325	ng	99
22) Pentachlorophenol	16.85	266	1378	0.590	ng	93
23) Phenanthrene	17.24	178	40409	0.329	ng	100
24) Anthracene	17.34	178	35541	0.320	ng	99
26) Fluoranthene	19.26	202	51667	0.329	ng	99
28) Pyrene	19.63	202	52374	0.326	ng	100
30) Benzo(a)anthracene	21.37	228	50719	0.318	ng	99
31) Chrysene	21.41	228	56556	0.332	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	57466	0.302	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	40937	0.254	ng	99
35) Benzo(b)fluoranthene	23.17	252	53114	0.364	ng	99
36) Benzo(k)fluoranthene	23.17	252	54300	0.352	ng	99
37) Benzo(a)pyrene	23.78	252	45773	0.336	ng	# 92
38) Dibenzo(a,h)anthracene	26.57	278	29102	0.240	ng	# 90
39) Benzo(g,h,i)perylene	27.36	276	32526	0.268	ng	98

(#) = 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: BE099236.D

Acq: 27 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

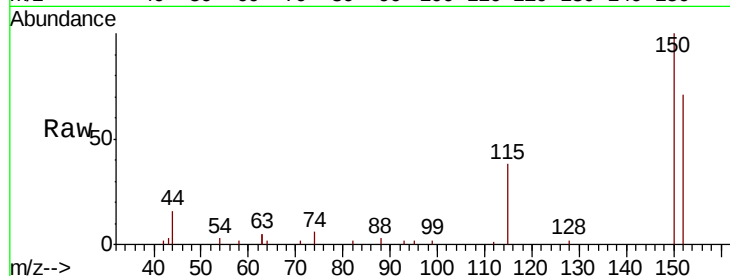
Tgt Ion:152 Resp: 4828

Ion Ratio Lower Upper

152 100

150 141.4 112.8 169.2

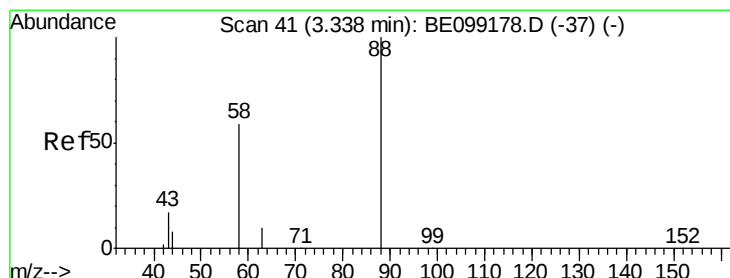
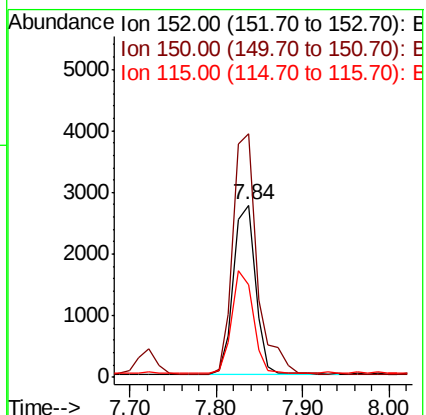
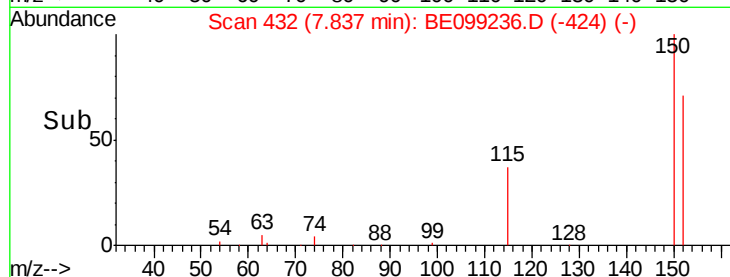
115 53.9 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.333 ng

RT: 3.33 min Scan# 41

Delta R.T. -0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

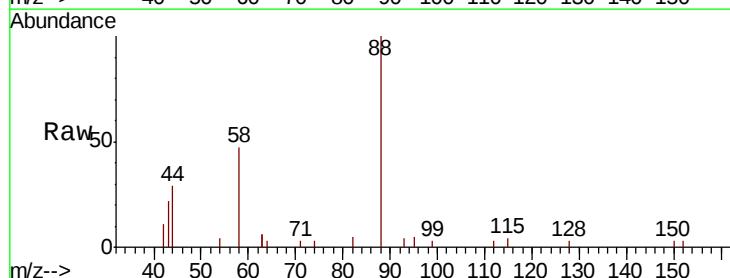
Tgt Ion: 88 Resp: 2118

Ion Ratio Lower Upper

88 100

58 59.9 47.4 71.0

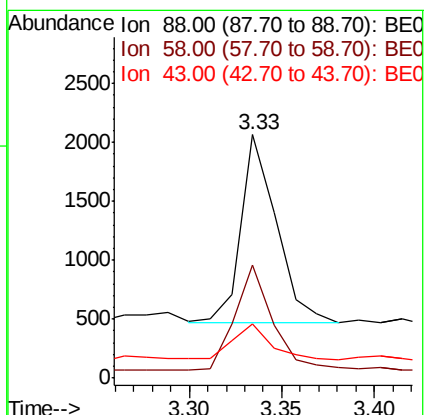
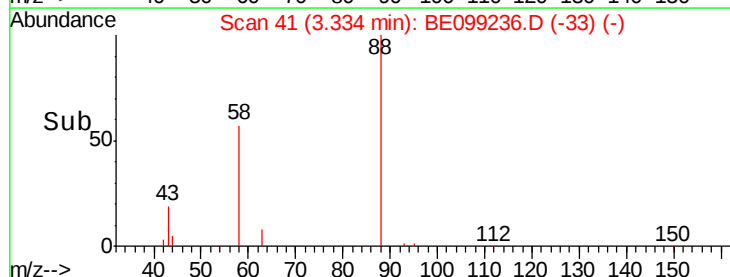
43 20.5 15.6 23.4



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.334 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

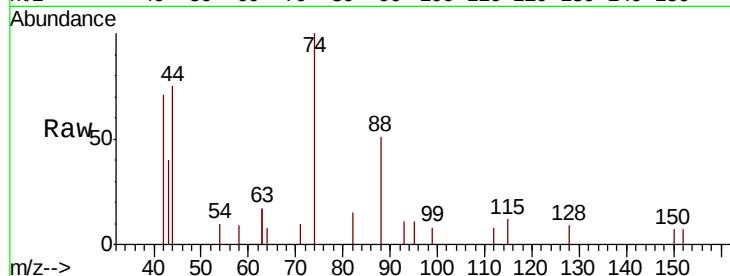
Tgt Ion: 42 Resp: 1189

Ion Ratio Lower Upper

42 100

74 162.4 138.6 207.8

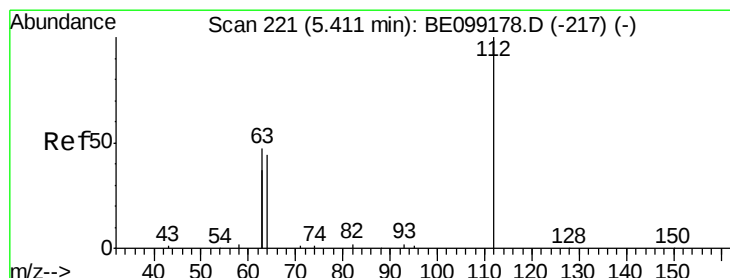
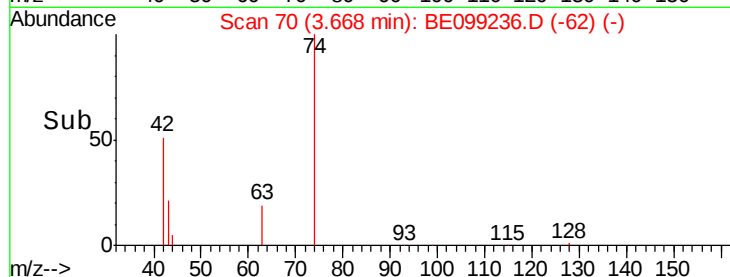
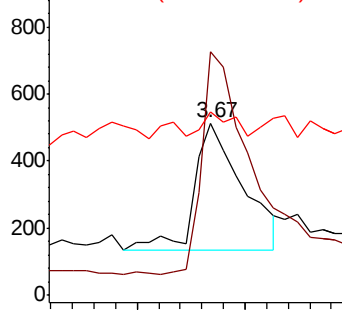
44 12.1 15.0 22.6#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.328 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

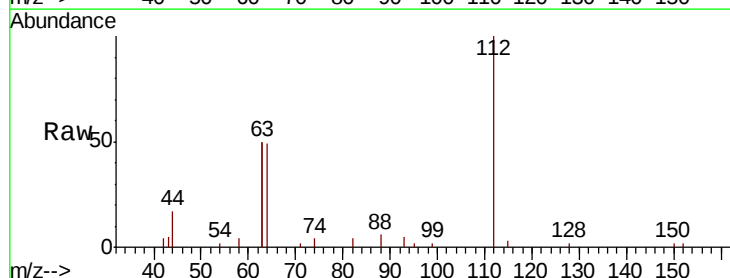
Tgt Ion: 112 Resp: 4723

Ion Ratio Lower Upper

112 100

64 57.0 46.2 69.2

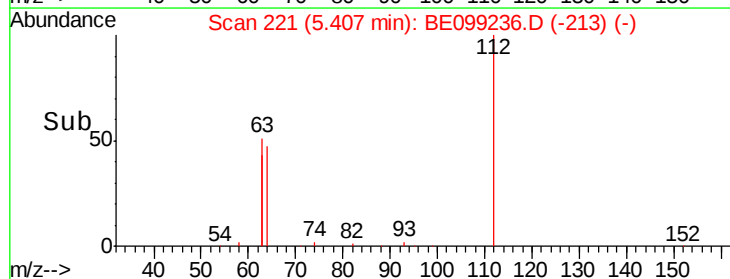
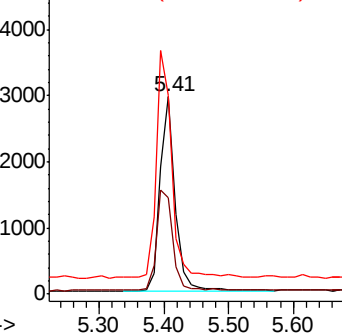
63 121.0 89.9 134.9

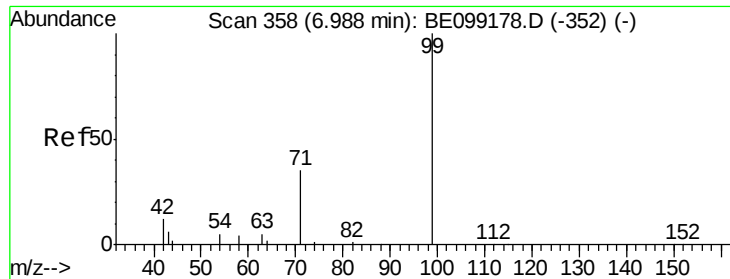


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.332 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

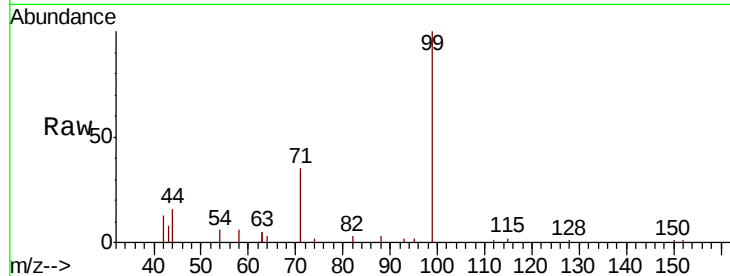
Tgt Ion: 99 Resp: 7302

Ion Ratio Lower Upper

99 100

42 14.6 12.4 18.6

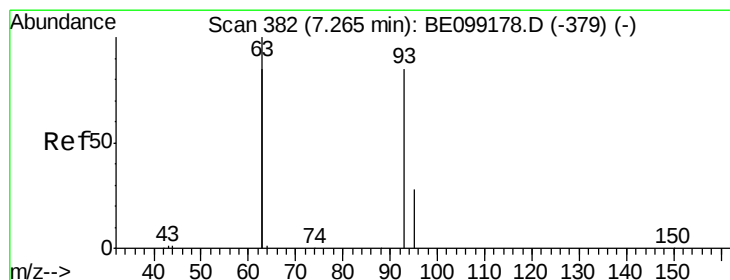
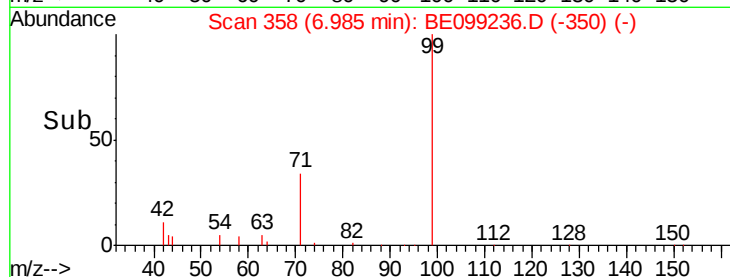
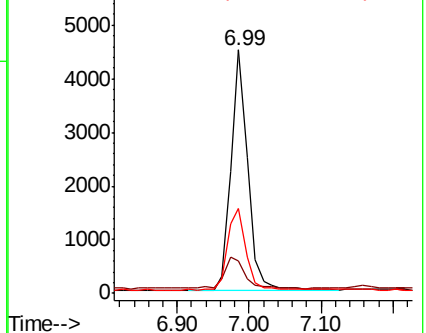
71 37.5 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.328 ng

RT: 7.26 min Scan# 382

Delta R.T. -0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

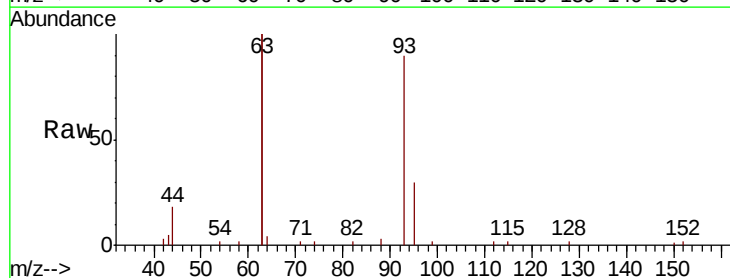
Tgt Ion: 93 Resp: 5675

Ion Ratio Lower Upper

93 100

63 275.8 221.4 332.0

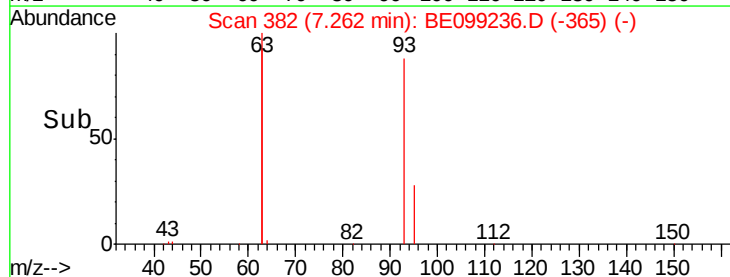
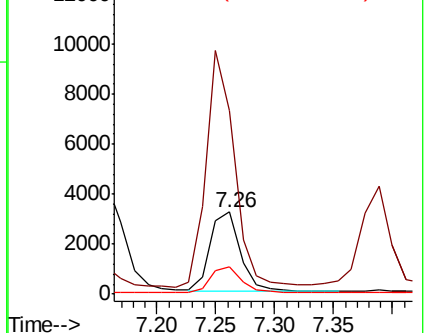
95 34.1 25.8 38.8

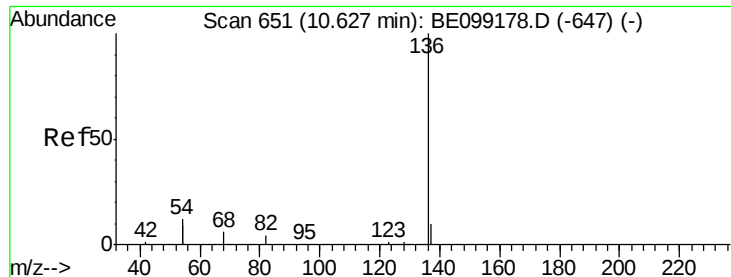


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 21665

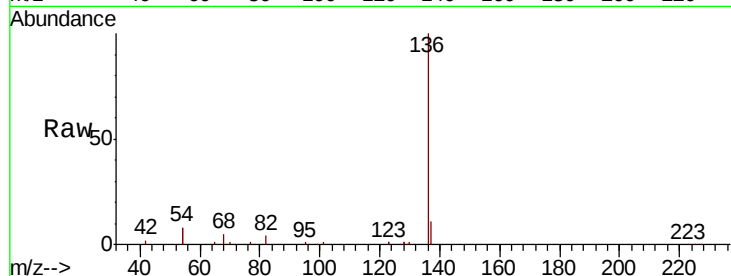
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 16.1 18.7 28.1#

68 5.0 5.2 7.8#

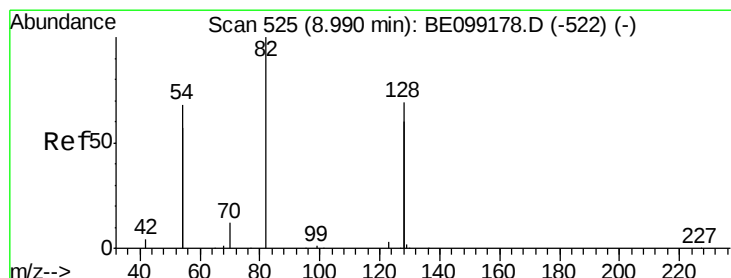
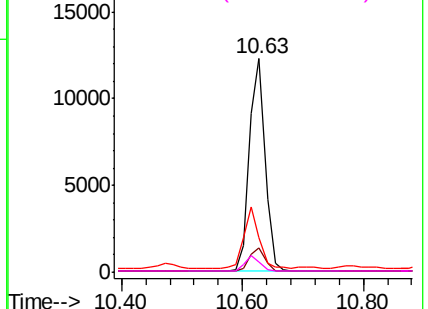
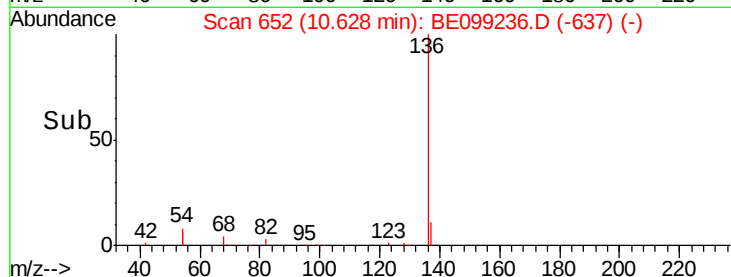


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.339 ng

RT: 8.99 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

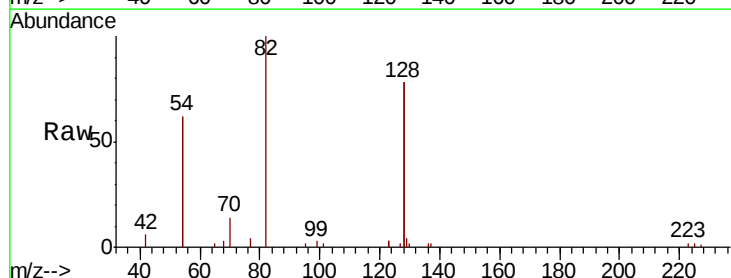
Tgt Ion: 82 Resp: 6004

Ion Ratio Lower Upper

82 100

128 156.9 107.5 161.3

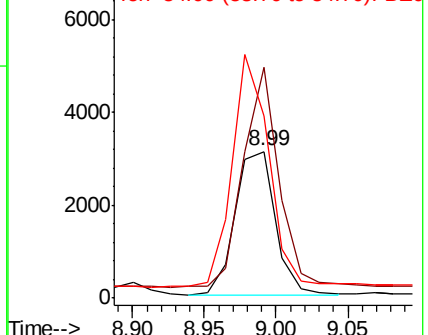
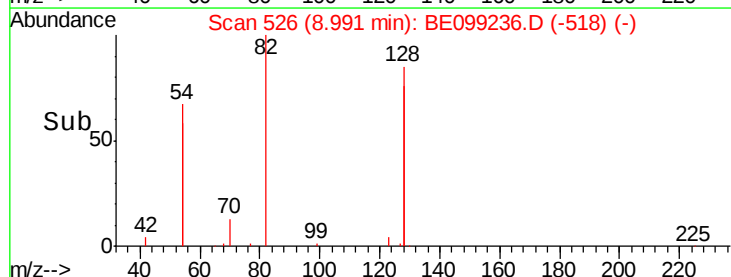
54 123.9 106.3 159.5

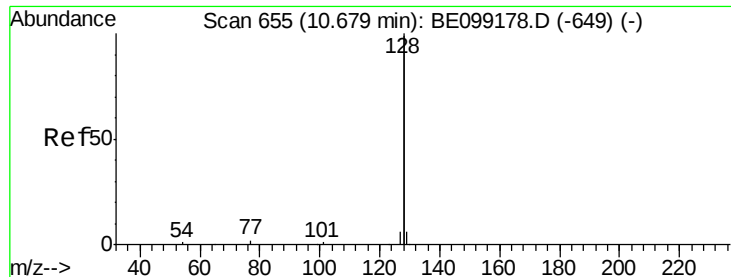


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.346 ng

RT: 10.67 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

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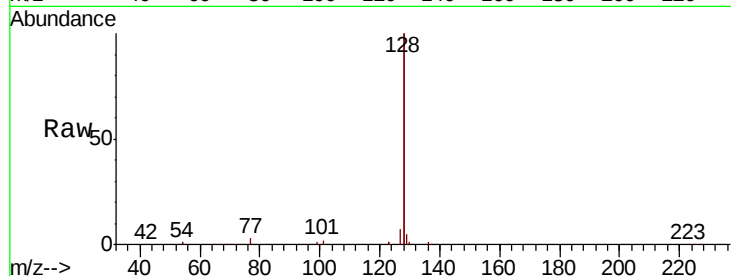
Tgt Ion:128 Resp: 88303

Ion Ratio Lower Upper

128 100

129 2.7 2.3 3.5

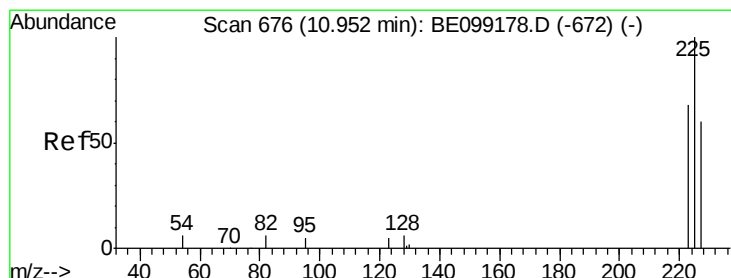
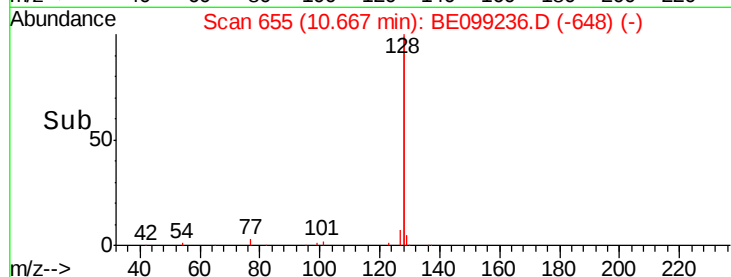
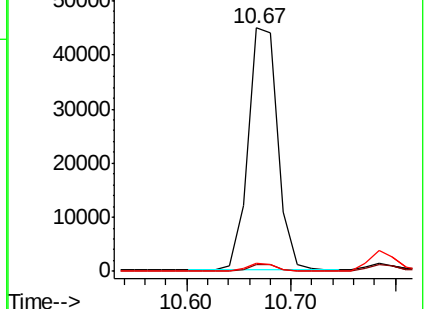
127 3.4 2.6 3.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.348 ng

RT: 10.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

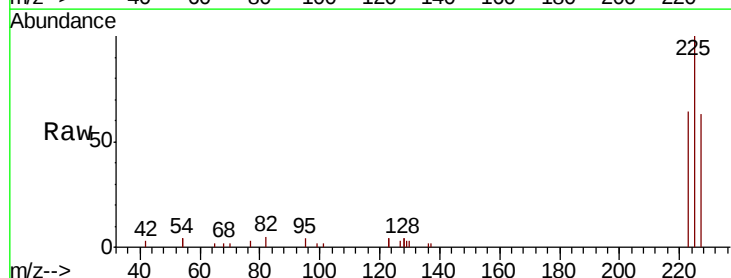
Tgt Ion:225 Resp: 4734

Ion Ratio Lower Upper

225 100

223 63.1 51.3 76.9

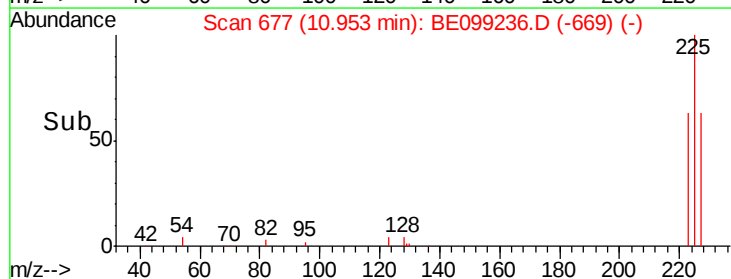
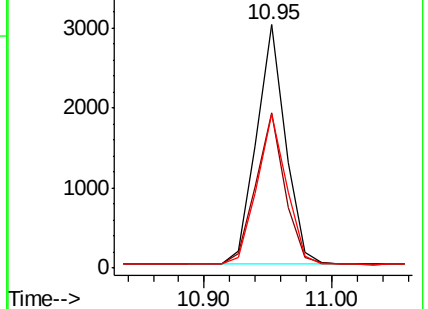
227 64.2 48.6 73.0

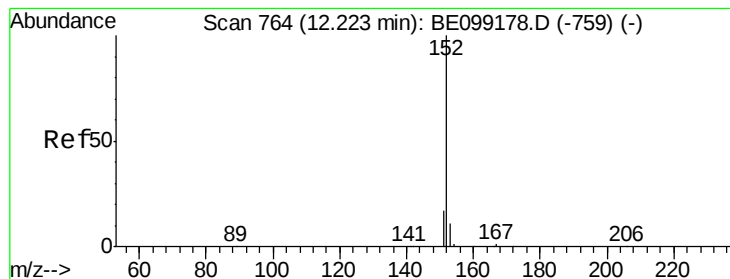


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.355 ng

RT: 12.22 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

Instrument :

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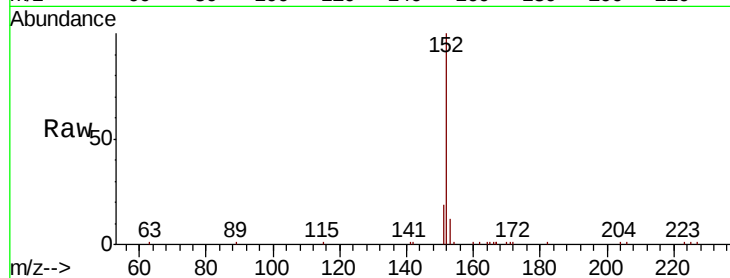
SSTDCCC0.4EC

Tgt Ion:152 Resp: 14805

Ion Ratio Lower Upper

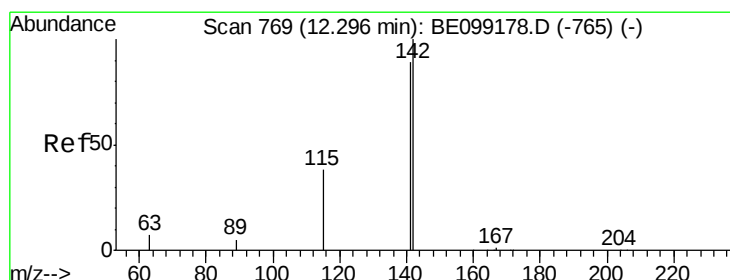
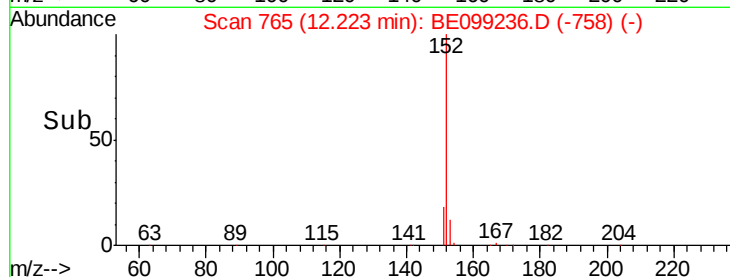
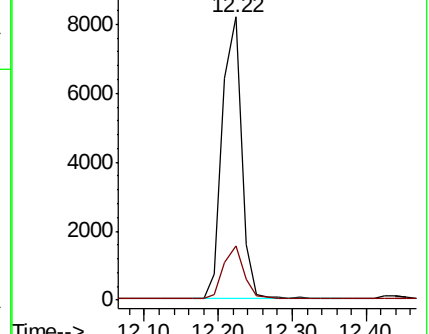
152 100

151 19.4 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.348 ng

RT: 12.30 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

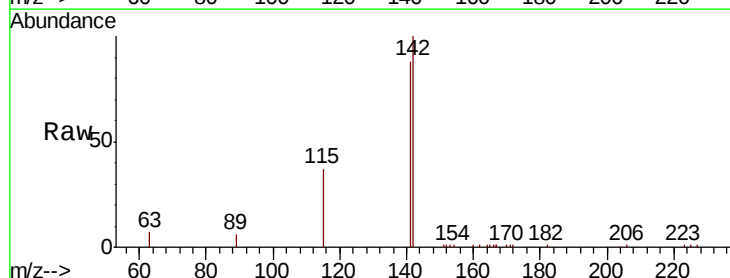
Tgt Ion:142 Resp: 15894

Ion Ratio Lower Upper

142 100

141 87.7 71.3 106.9

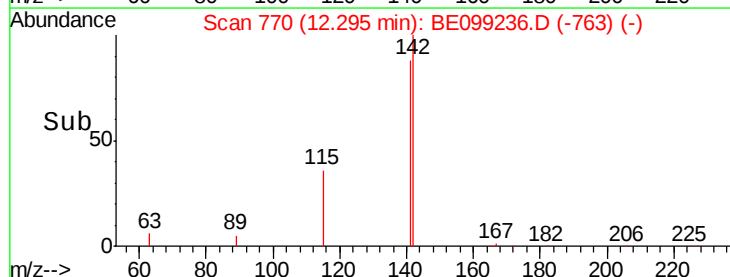
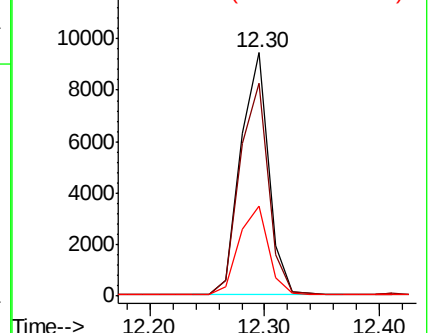
115 36.9 30.4 45.6

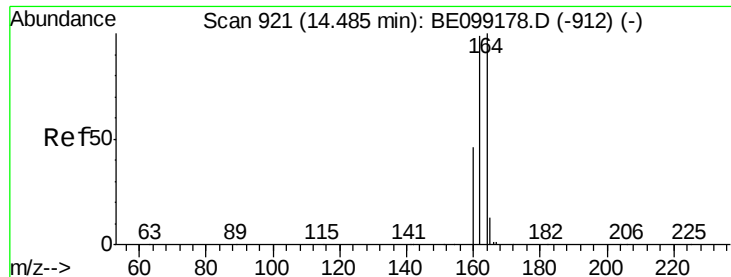


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 921

Delta R.T. -0.01 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

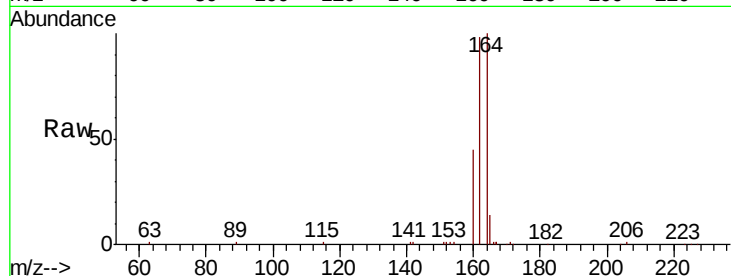
Tgt Ion:164 Resp: 16075

Ion Ratio Lower Upper

164 100

162 98.0 79.2 118.8

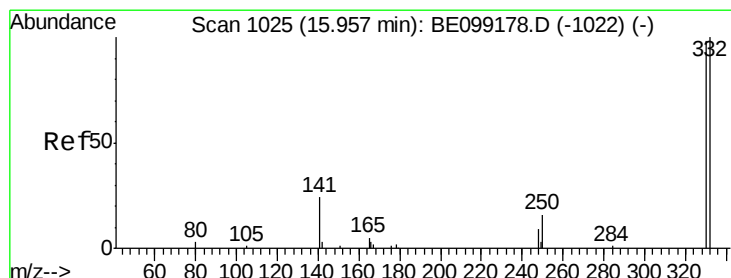
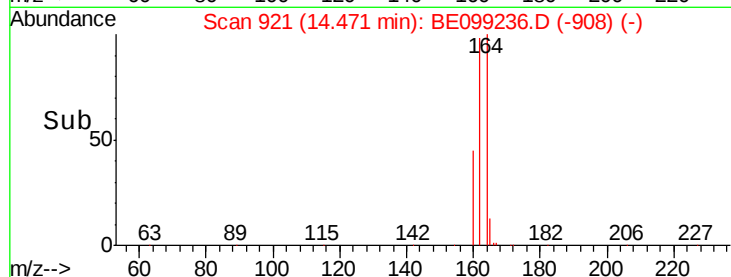
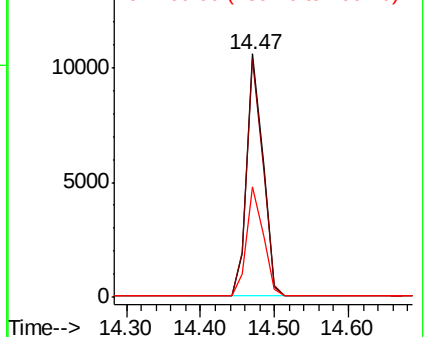
160 45.3 36.7 55.1



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: 0.429 ng

RT: 15.96 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

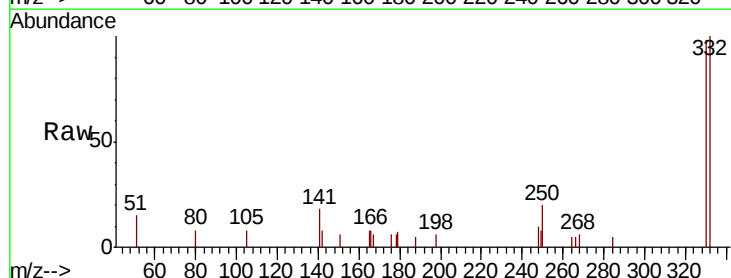
Tgt Ion:330 Resp: 1823

Ion Ratio Lower Upper

330 100

332 95.6 71.3 106.9

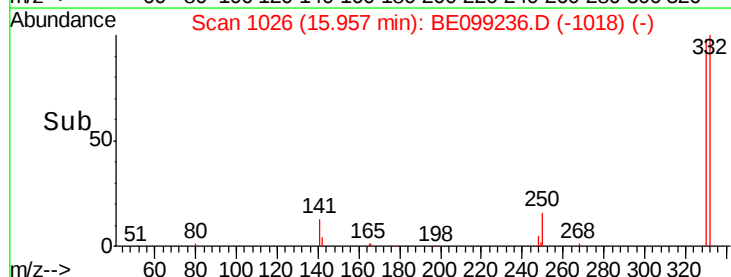
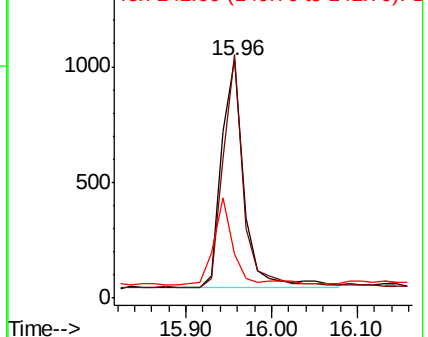
141 30.6 21.7 32.5

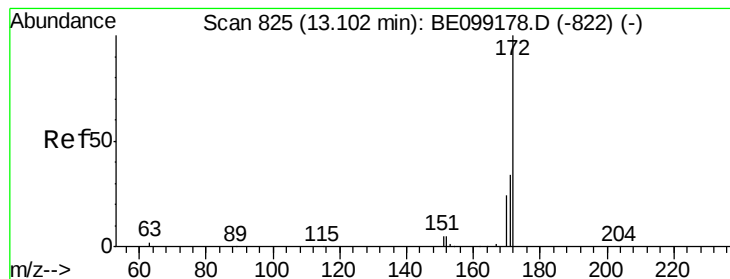


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.346 ng

RT: 13.10 min Scan# 826

Delta R.T. -0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

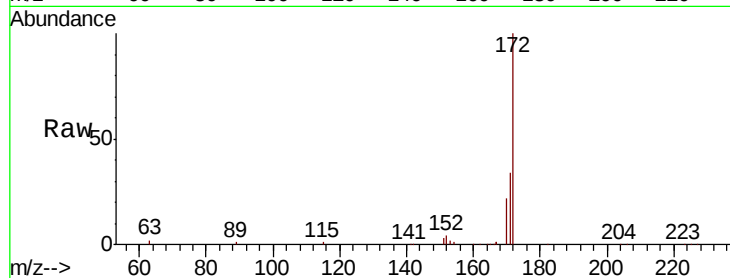
Tgt Ion:172 Resp: 22679

Ion Ratio Lower Upper

172 100

171 33.9 27.4 41.0

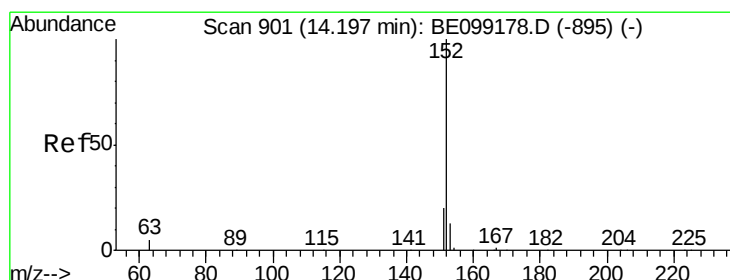
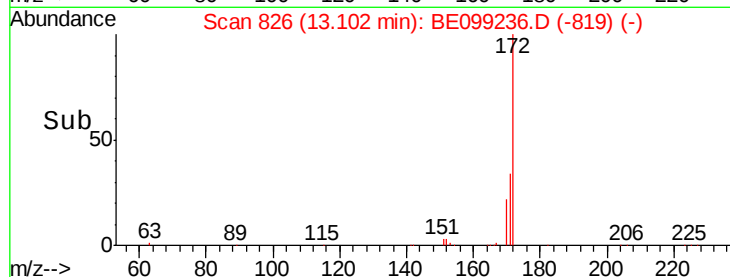
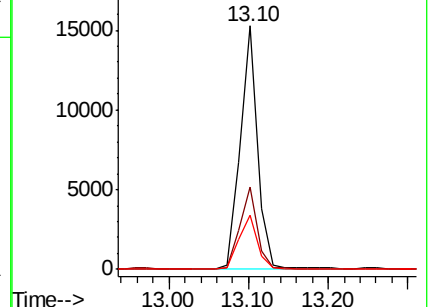
170 22.2 19.1 28.7



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: 0.320 ng

RT: 14.20 min Scan# 902

Delta R.T. -0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

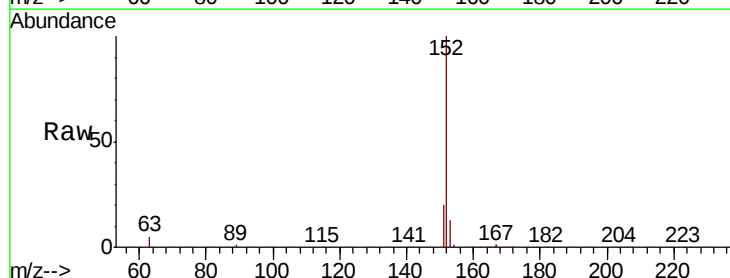
Tgt Ion:152 Resp: 26202

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

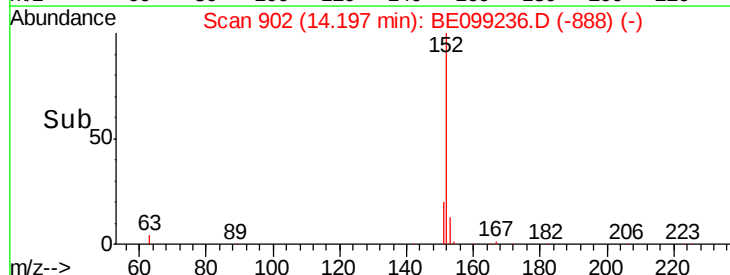
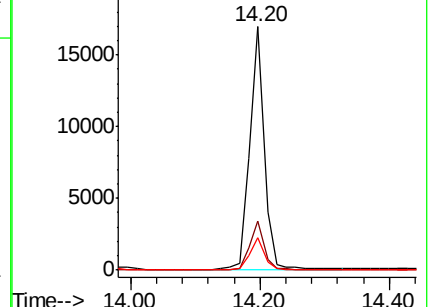
153 13.0 10.6 15.8

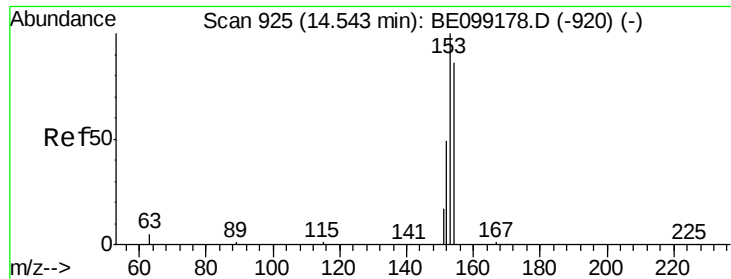


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.334 ng

RT: 14.54 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

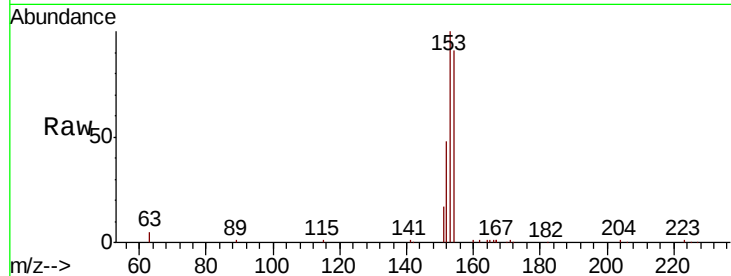
Tgt Ion:154 Resp: 16363

Ion Ratio Lower Upper

154 100

153 115.9 93.4 140.0

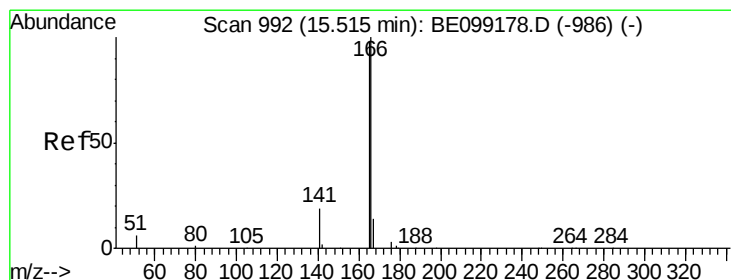
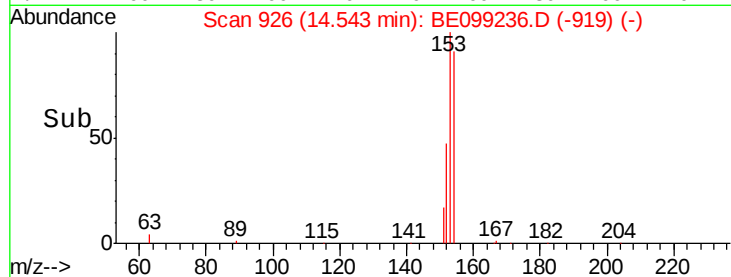
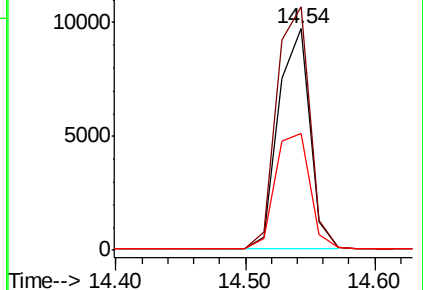
152 57.4 46.6 69.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.336 ng

RT: 15.50 min Scan# 992

Delta R.T. -0.01 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

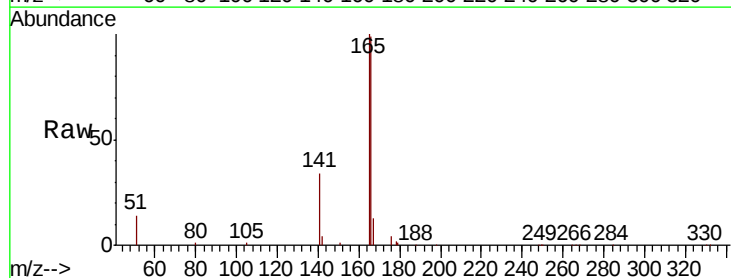
Tgt Ion:166 Resp: 23183

Ion Ratio Lower Upper

166 100

165 97.9 78.9 118.3

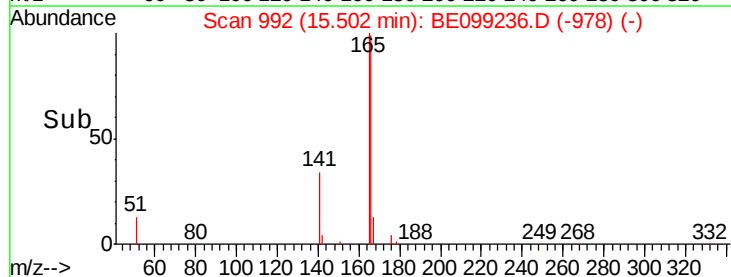
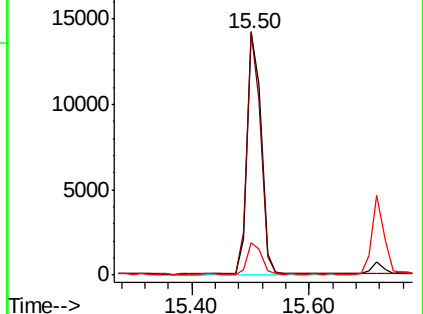
167 13.1 10.9 16.3

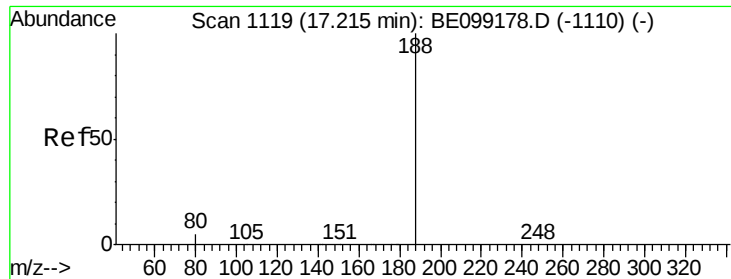


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

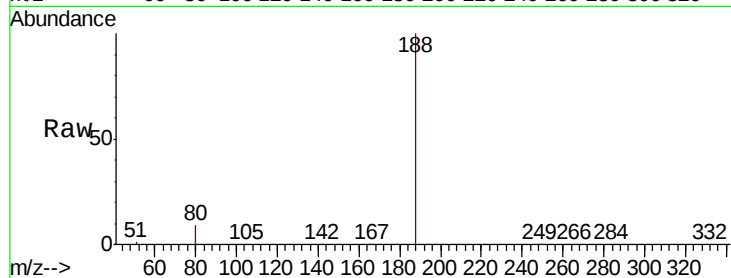
Tgt Ion:188 Resp: 41849

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

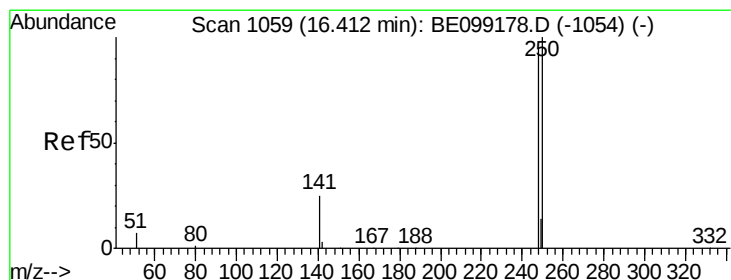
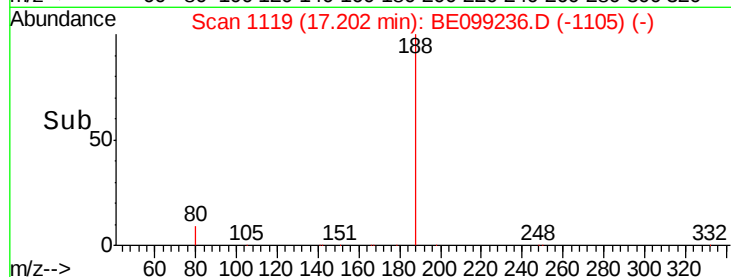
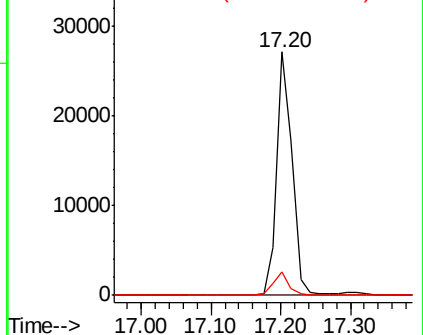
80 9.4 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.322 ng

RT: 16.40 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

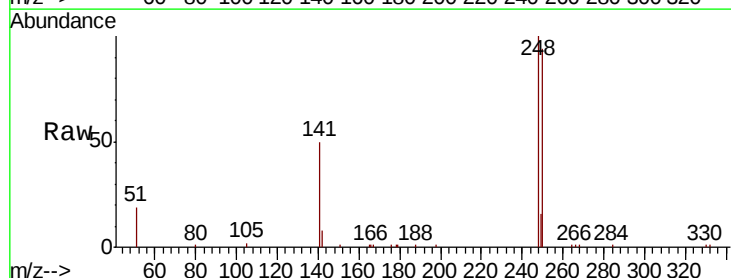
Tgt Ion:248 Resp: 8696

Ion Ratio Lower Upper

248 100

250 94.1 84.2 126.2

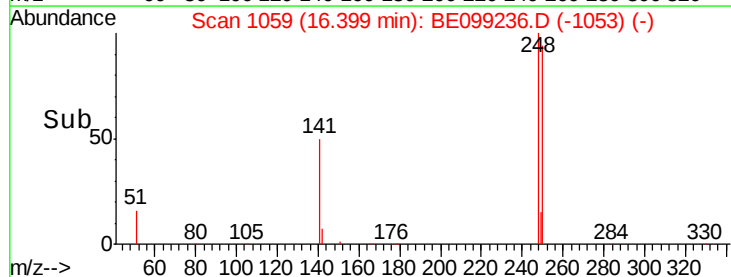
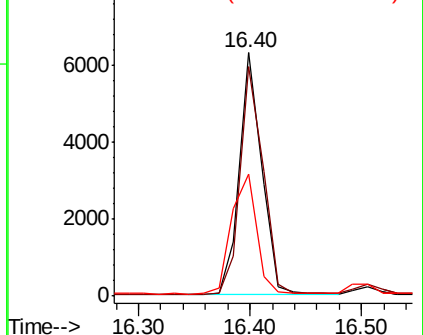
141 50.4 21.8 32.6#

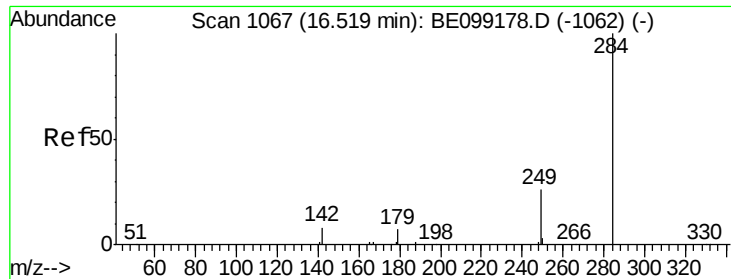


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

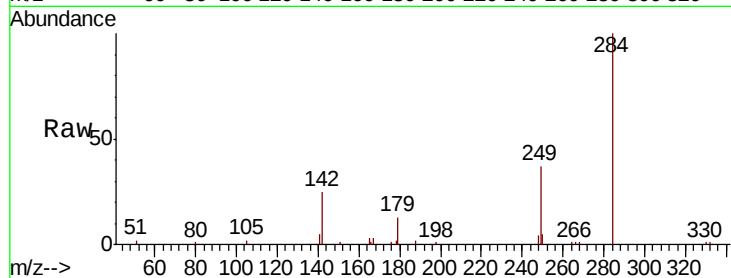




#21
Hexachlorobenzene
Concen: 0.325 ng
RT: 16.51 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	22.7	34.1
249	33.7	26.9	40.3

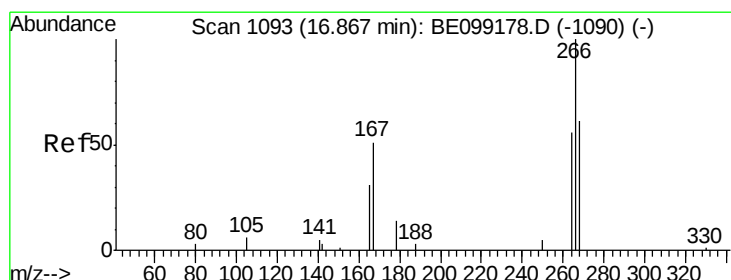
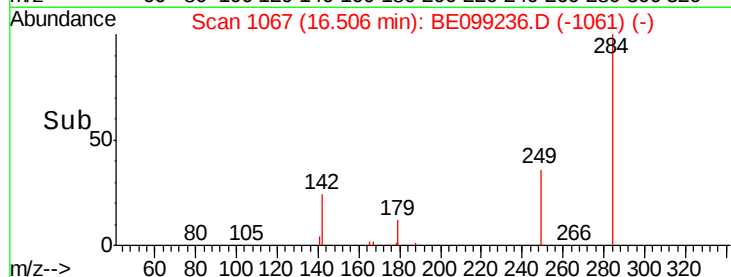
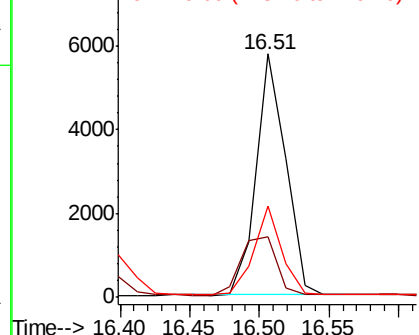


Abundance

Ion 283.80 (283.50 to 284.50): E

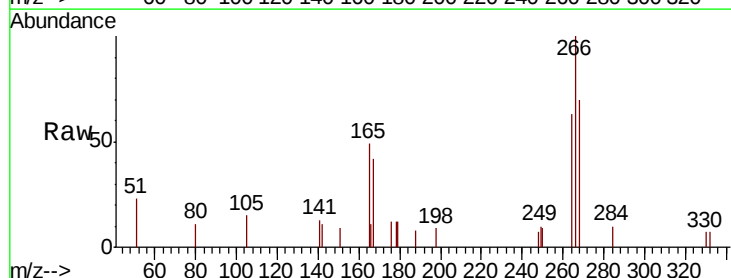
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.590 ng
RT: 16.85 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.0	54.4	81.6
268	70.5	61.3	91.9

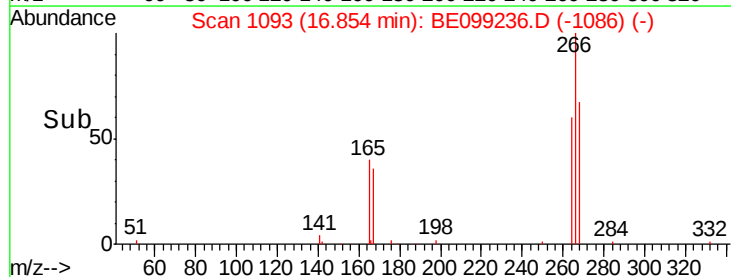
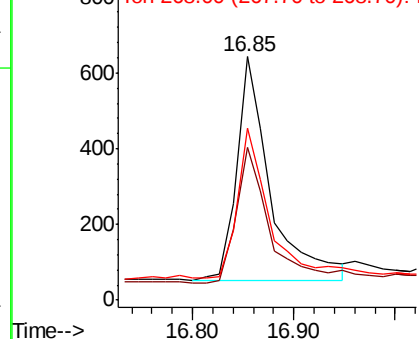


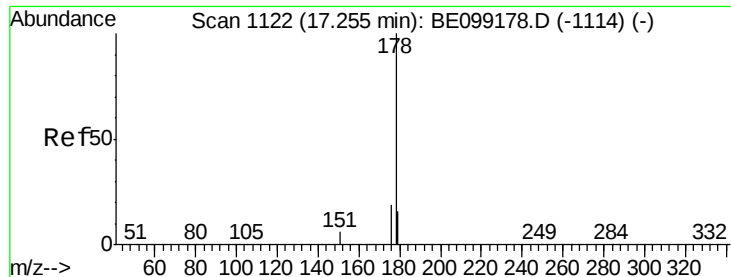
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

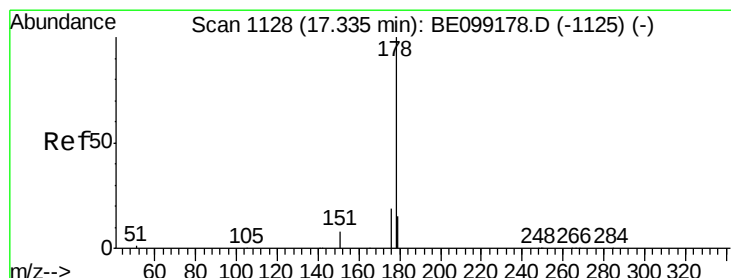
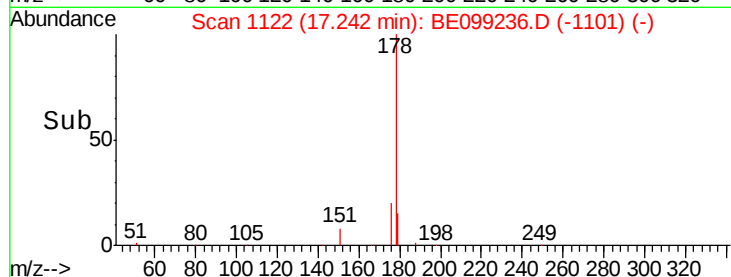
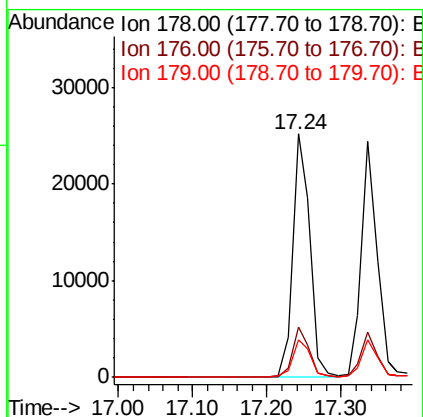
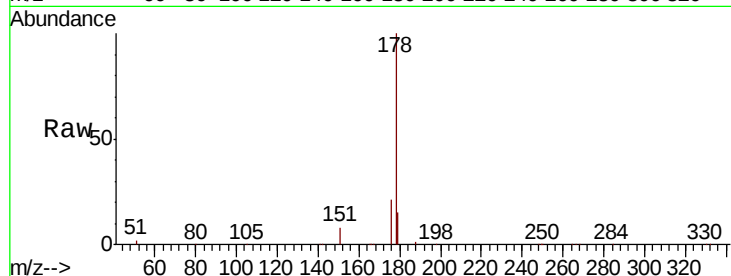




#23
Phenanthrene
Concen: 0.329 ng
RT: 17.24 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

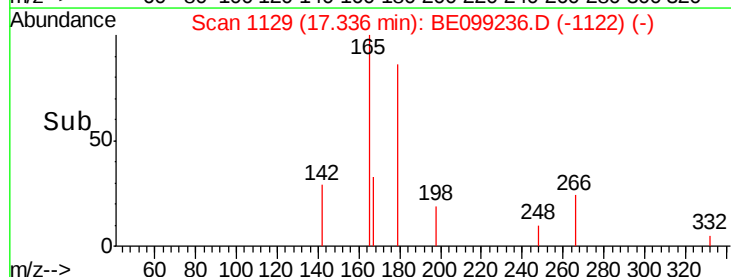
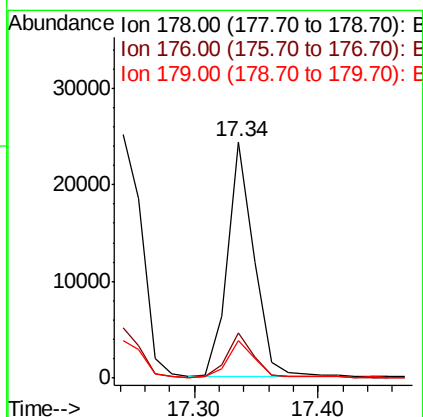
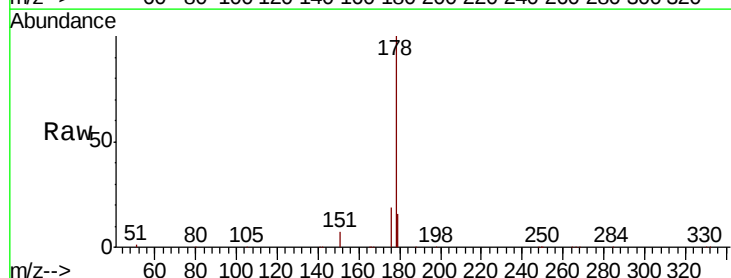
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

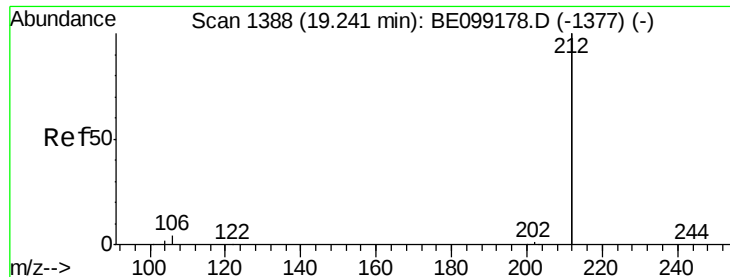
Tgt Ion:178 Resp: 40409
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.2 12.3 18.5



#24
Anthracene
Concen: 0.320 ng
RT: 17.34 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:178 Resp: 35541
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.8 12.4 18.6

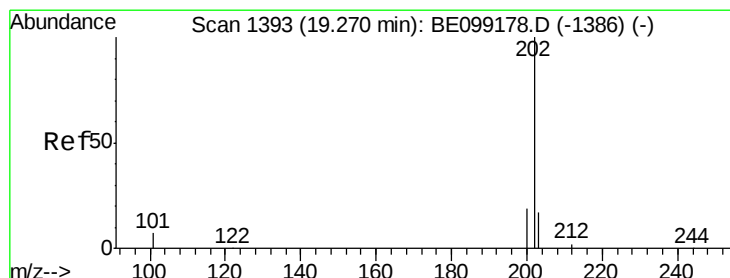
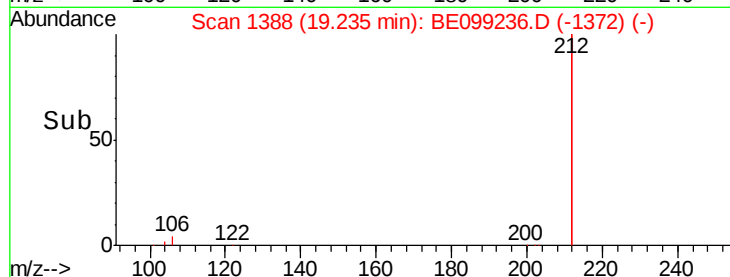
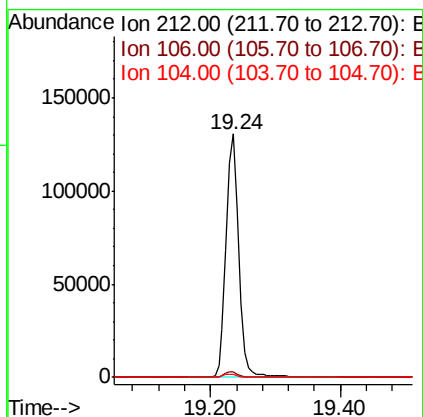
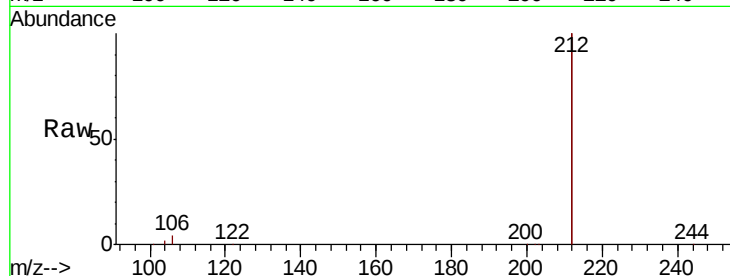




#25
 Fluoranthene-d10
 Concen: 0.345 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE099236.D
 Acq: 27 Mar 2019 4:18

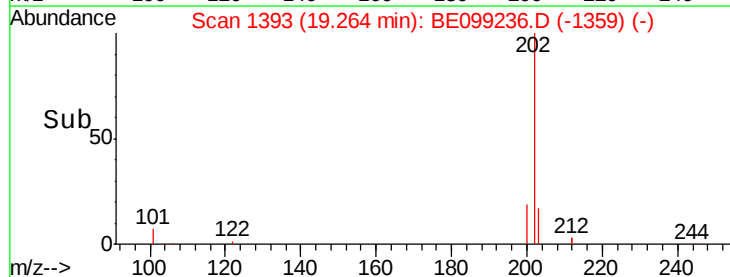
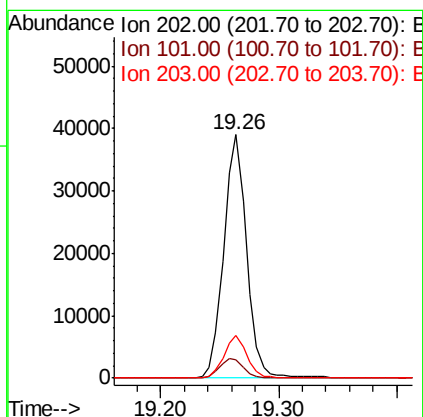
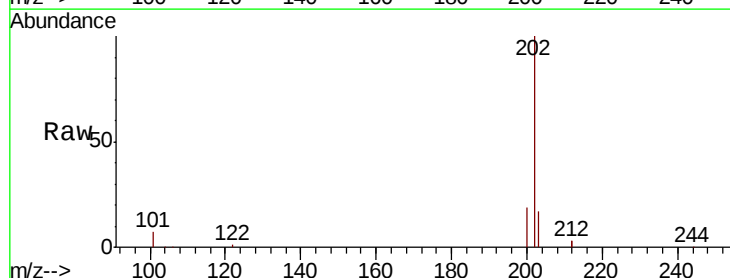
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 212 Resp: 175006
 Ion Ratio Lower Upper
 212 100
 106 2.3 1.8 2.8
 104 1.3 1.1 1.7



#26
 Fluoranthene
 Concen: 0.329 ng
 RT: 19.26 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BE099236.D
 Acq: 27 Mar 2019 4:18

Tgt Ion: 202 Resp: 51667
 Ion Ratio Lower Upper
 202 100
 101 8.4 7.0 10.4
 203 17.0 13.8 20.6

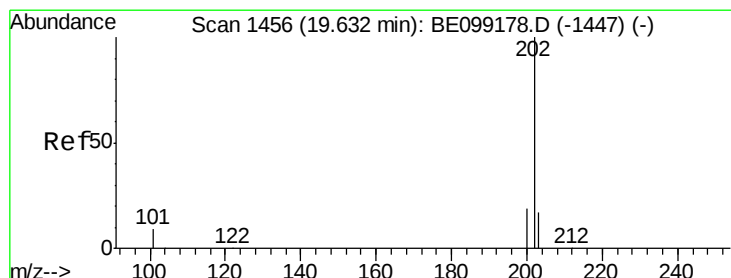
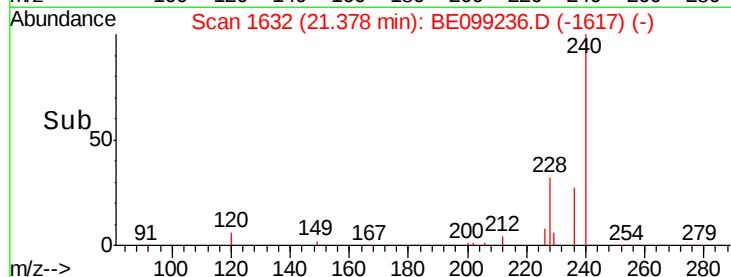
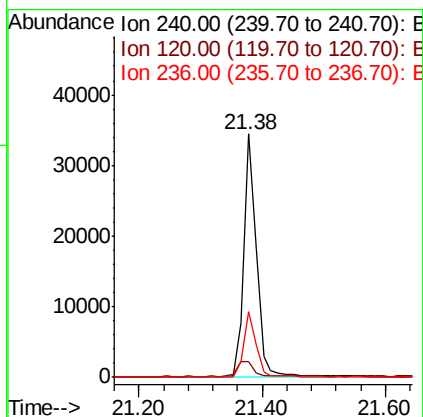
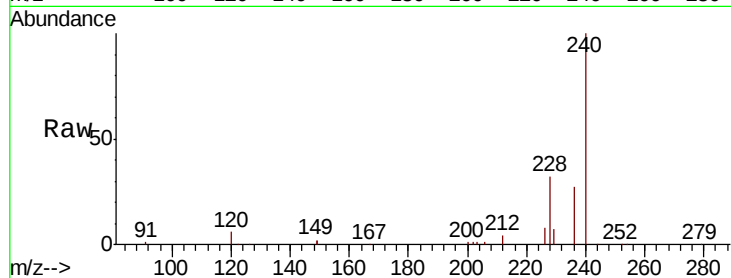




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE099236.D
 Acq: 27 Mar 2019 4:18

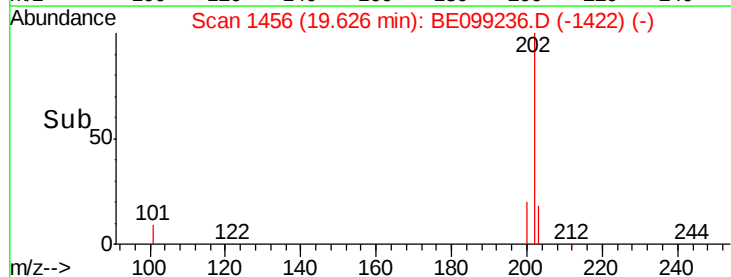
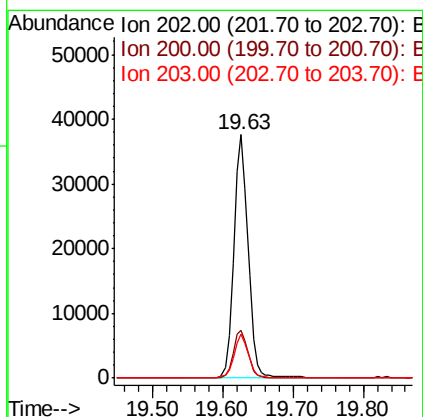
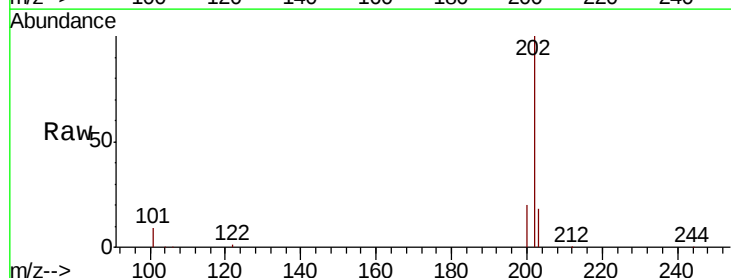
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

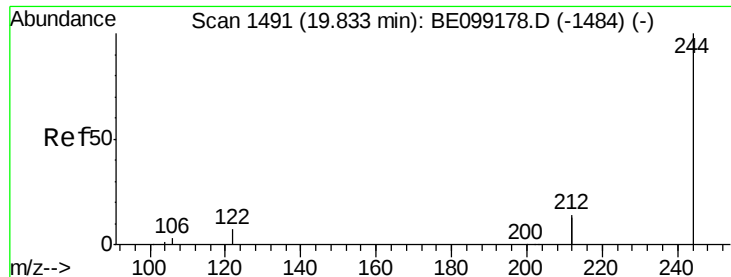
Tgt Ion: 240 Resp: 48358
 Ion Ratio Lower Upper
 240 100
 120 6.3 2.6 3.8#
 236 26.7 20.9 31.3



#28
 Pyrene
 Concen: 0.326 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BE099236.D
 Acq: 27 Mar 2019 4:18

Tgt Ion: 202 Resp: 52374
 Ion Ratio Lower Upper
 202 100
 200 20.0 15.8 23.8
 203 17.7 14.1 21.1

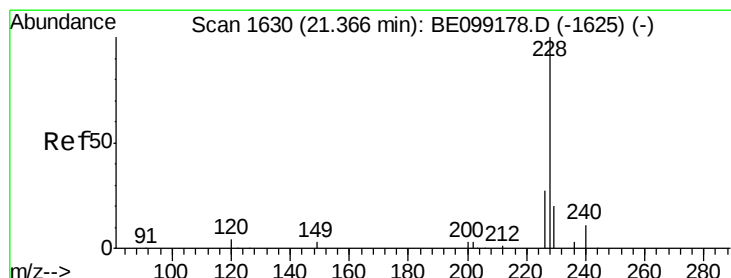
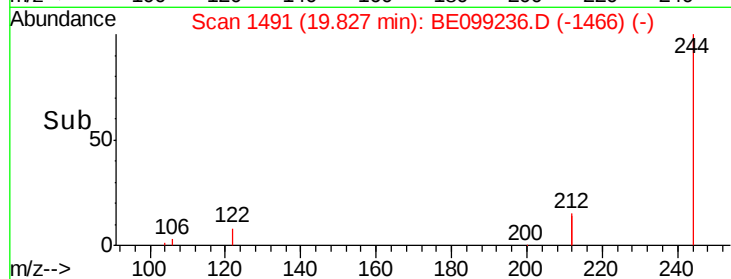
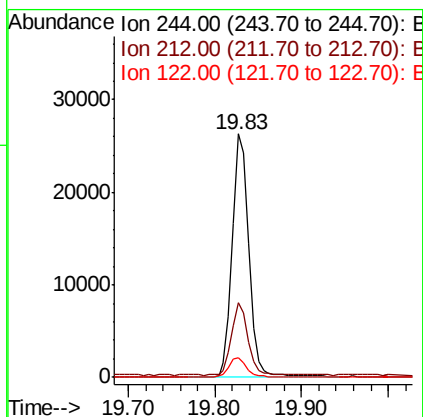
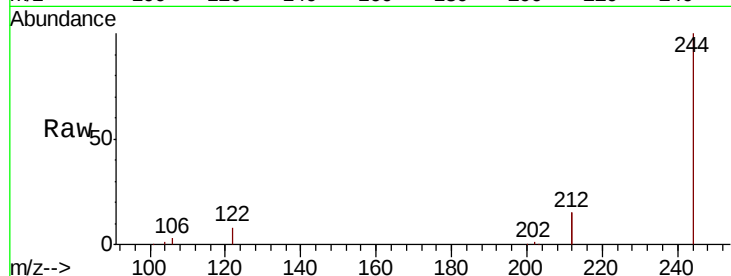




#29
 Terphenyl-d14
 Concen: 0.326 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BE099236.D
 Acq: 27 Mar 2019 4:18

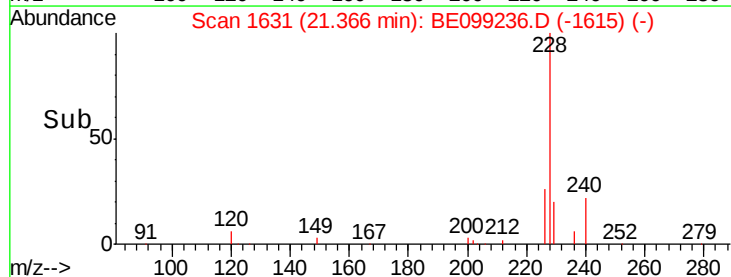
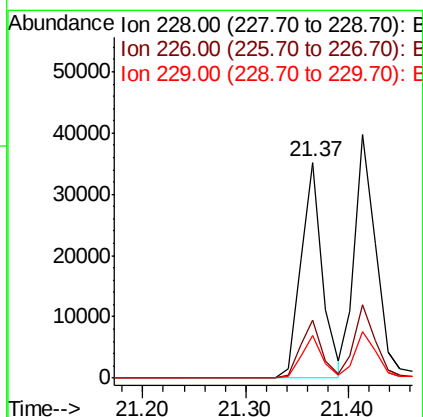
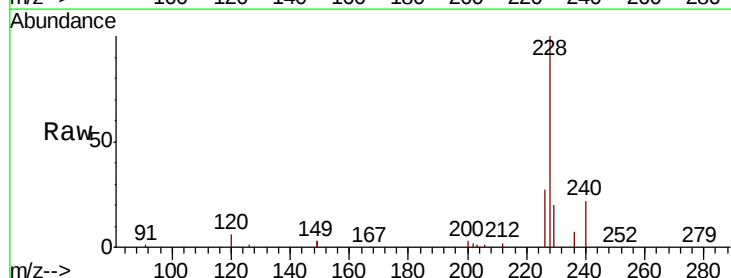
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

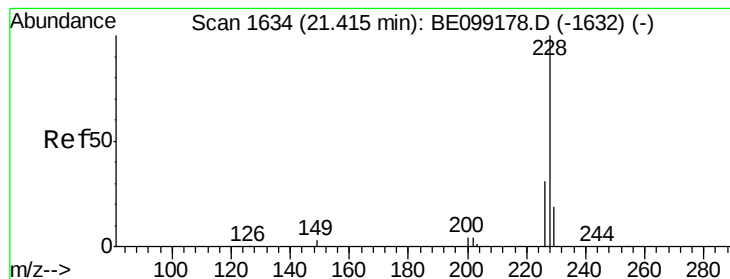
Tgt Ion: 244 Resp: 34287
 Ion Ratio Lower Upper
 244 100
 212 30.7 22.7 34.1
 122 8.1 5.8 8.6



#30
 Benzo(a)anthracene
 Concen: 0.318 ng
 RT: 21.37 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BE099236.D
 Acq: 27 Mar 2019 4:18

Tgt Ion: 228 Resp: 50719
 Ion Ratio Lower Upper
 228 100
 226 26.6 21.7 32.5
 229 19.9 15.9 23.9





#31

Chrysene

Concen: 0.332 ng

RT: 21.41 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

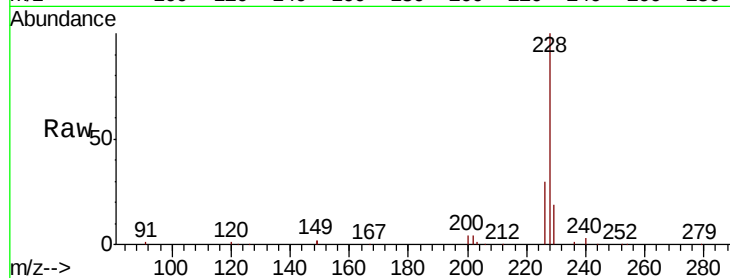
Tgt Ion:228 Resp: 56556

Ion Ratio Lower Upper

228 100

226 30.3 24.8 37.2

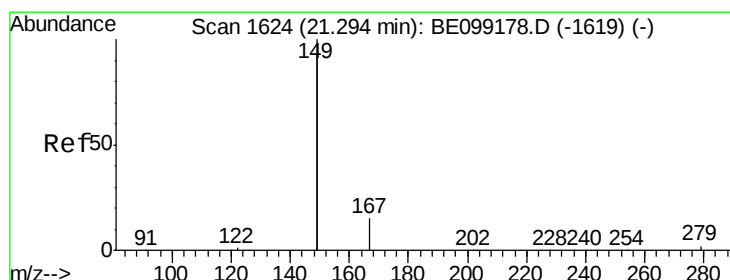
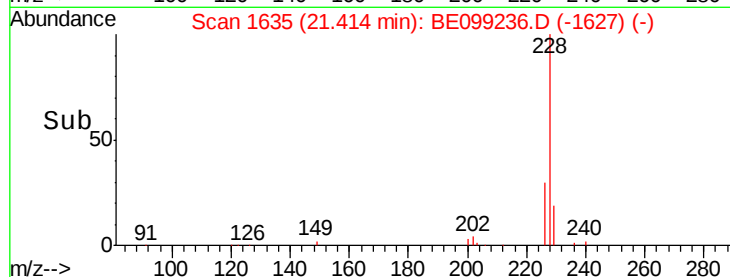
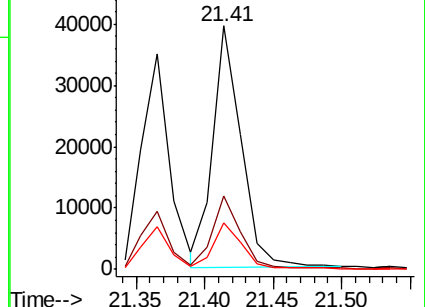
229 19.3 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.302 ng

RT: 21.28 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

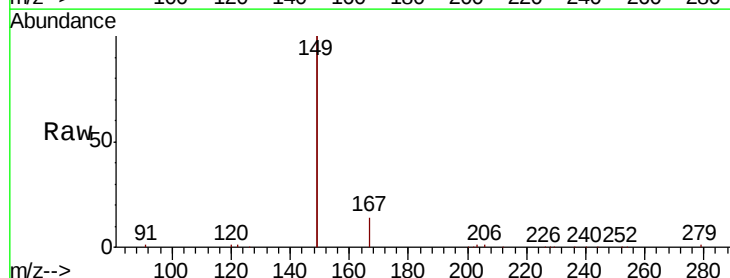
Tgt Ion:149 Resp: 57466

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

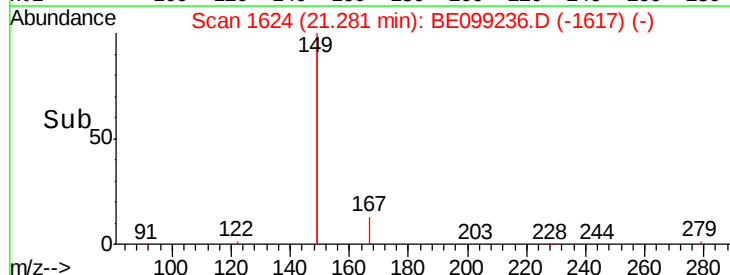
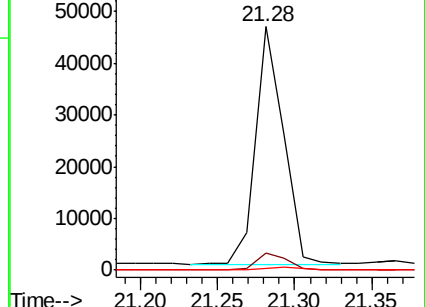
279 1.2 1.0 1.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.254 ng

RT: 26.55 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

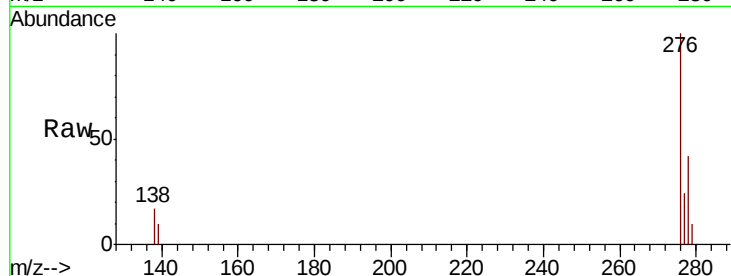
Tgt Ion:276 Resp: 40937

Ion Ratio Lower Upper

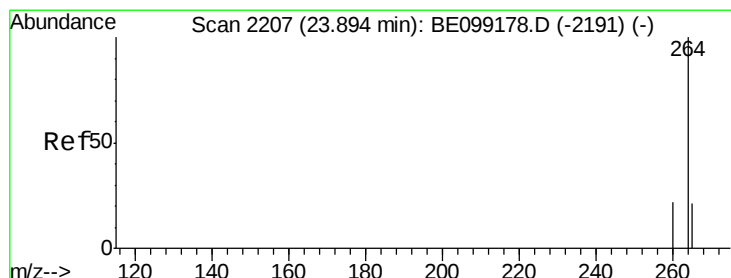
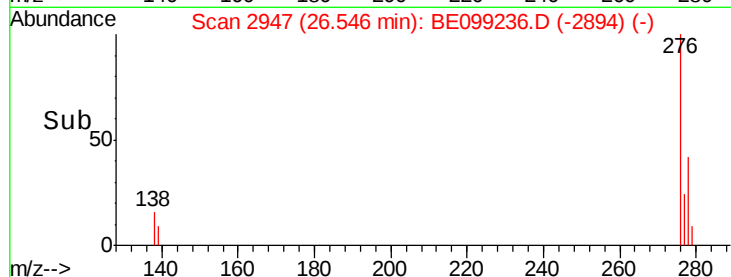
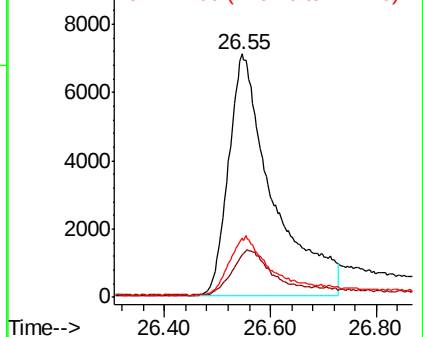
276 100

138 17.4 12.9 19.3

277 23.0 18.3 27.5



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.89 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

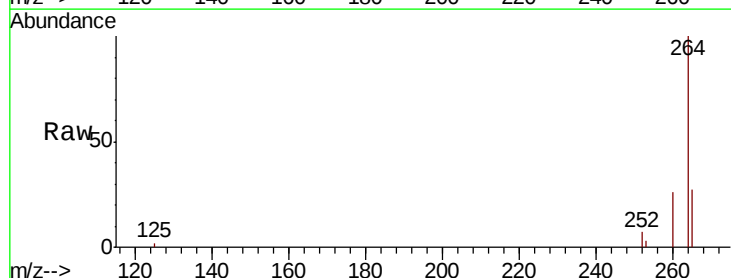
Tgt Ion:264 Resp: 44377

Ion Ratio Lower Upper

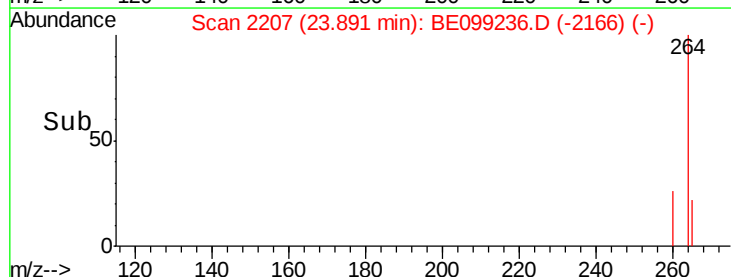
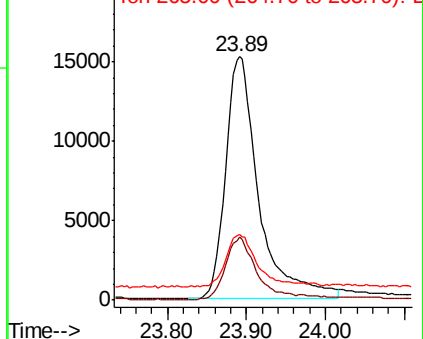
264 100

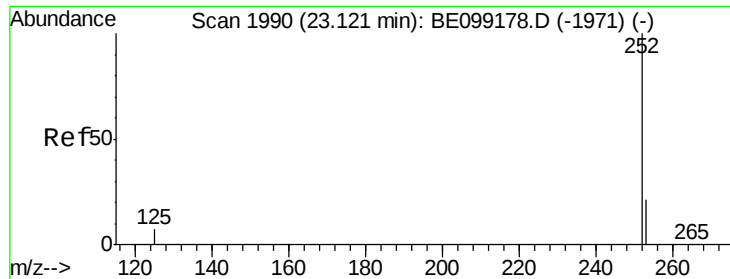
260 25.9 18.2 27.2

265 27.1 21.8 32.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.364 ng

RT: 23.17 min Scan# 2004

Delta R.T. 0.05 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

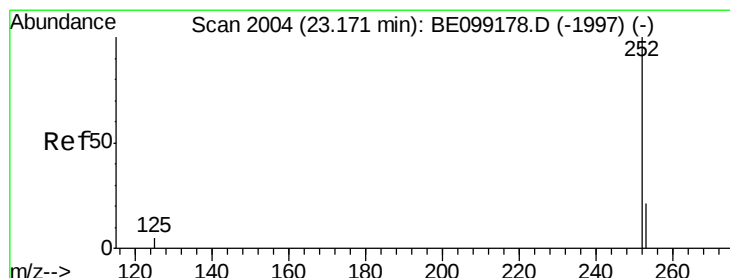
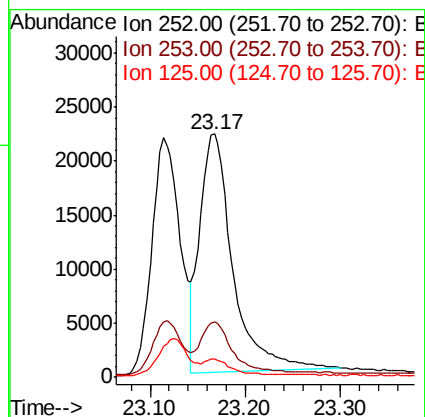
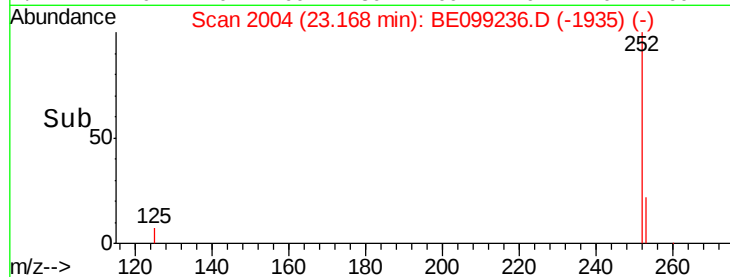
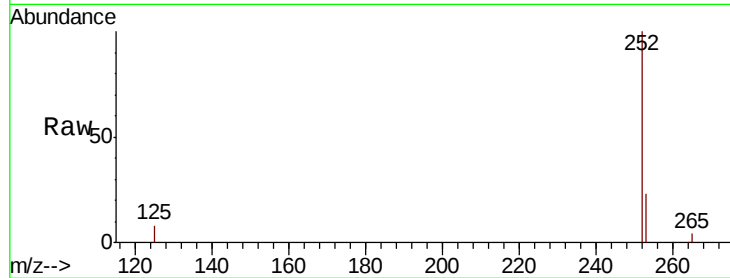
Tgt Ion:252 Resp: 53114

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 7.7 6.1 9.1



#36

Benzo(k)fluoranthene

Concen: 0.352 ng

RT: 23.17 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BE099236.D

Acq: 27 Mar 2019 4:18

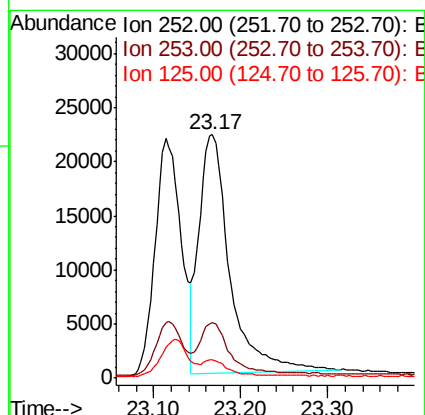
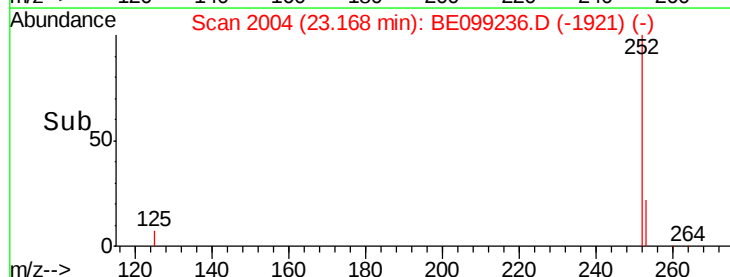
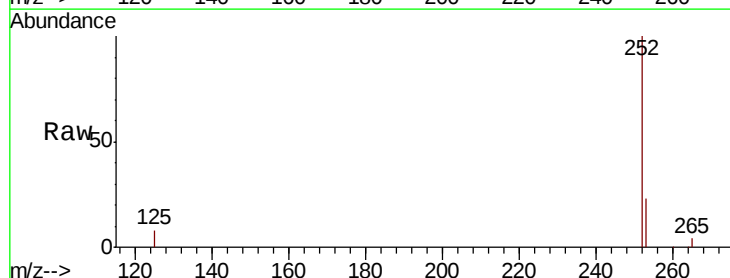
Tgt Ion:252 Resp: 54300

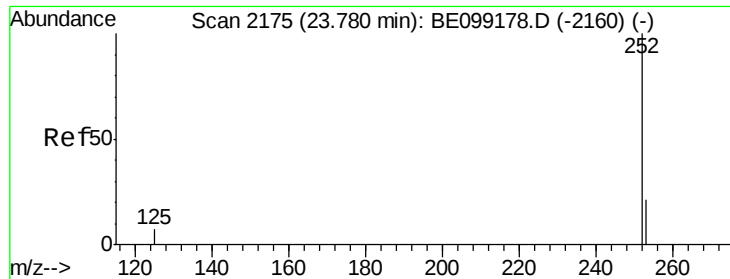
Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 7.7 5.9 8.9

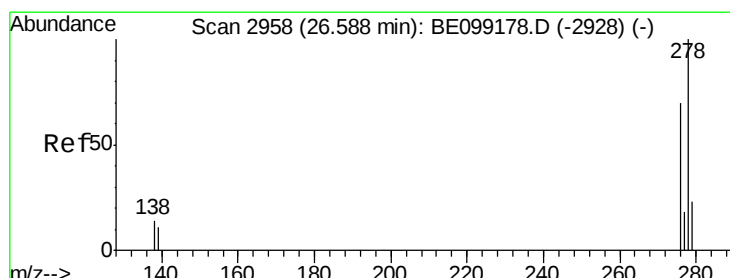
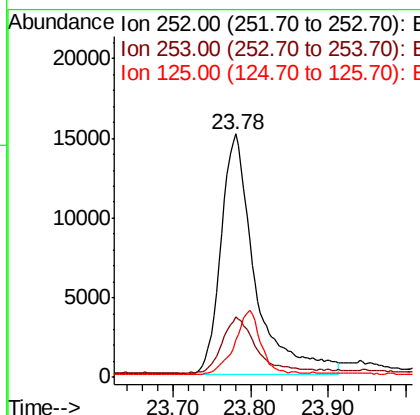
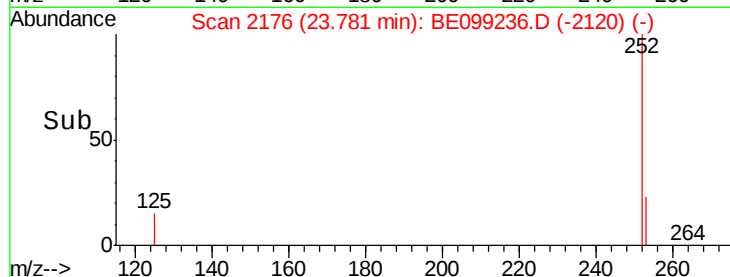
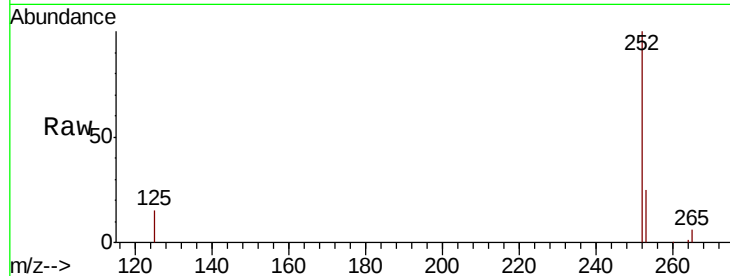




#37
Benzo(a)pyrene
Concen: 0.336 ng
RT: 23.78 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

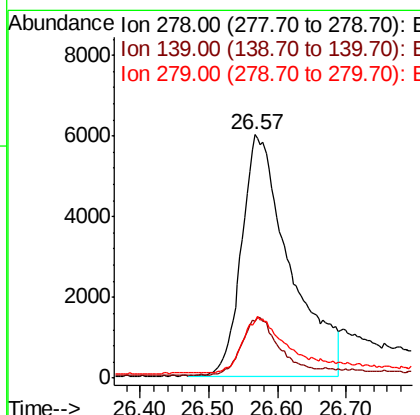
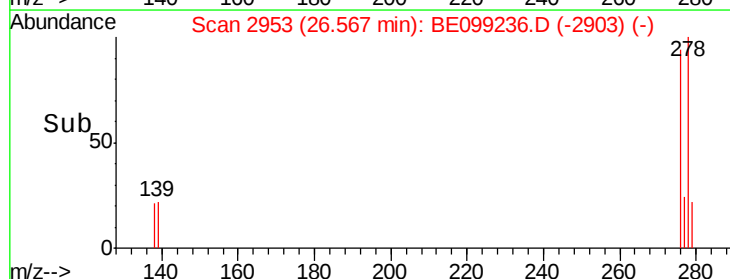
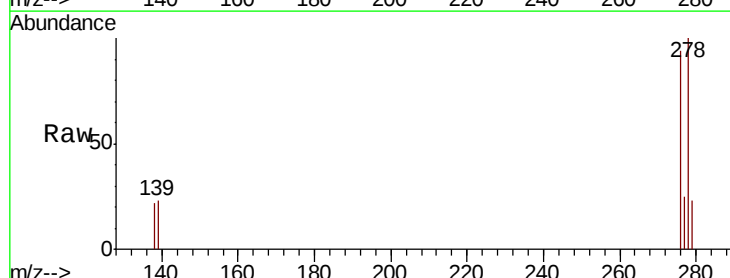
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

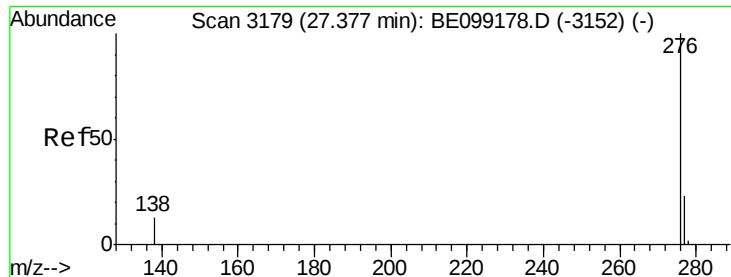
Tgt Ion: 252 Resp: 45773
Ion Ratio Lower Upper
252 100
253 24.7 18.1 27.1
125 15.3 6.8 10.2#



#38
Dibenzo(a,h)anthracene
Concen: 0.240 ng
RT: 26.57 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion: 278 Resp: 29102
Ion Ratio Lower Upper
278 100
139 23.4 9.5 14.3#
279 23.5 19.1 28.7





#39

Benzo(g,h,i)perylene

Concen: 0.268 ng

RT: 27.36 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BE099236.D

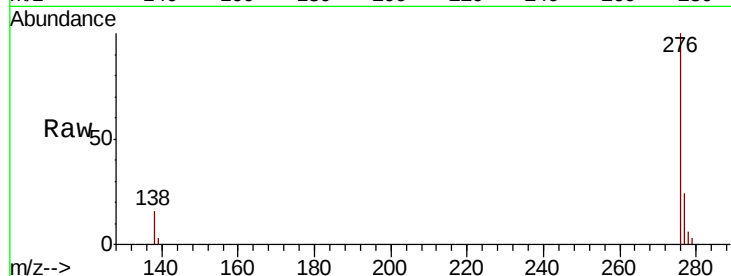
Acq: 27 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 32526

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 16.0 11.1 16.7

