

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
 Data File : BE099194.D
 Acq On : 25 Mar 2019 00:01
 Operator : JU/SJ
 Sample : K2019-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-190319

Quant Time: Mar 26 07:10:26 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	3616	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	16832	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	12984	0.40	ng	-0.01
19) Phenanthrene-d10	17.22	188	35950	0.40	ng	0.00
27) Chrysene-d12	21.38	240	39533	0.40	ng	-0.01
34) Perylene-d12	23.89	264	37511	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1706	0.16	ng	0.00
5) Phenol-d6	6.99	99	1418	0.09	ng	0.00
8) Nitrobenzene-d5	8.99	82	4651	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11520	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1711	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	20744	0.39	ng	0.00
25) Fluoranthene-d10	19.24	212	159394	0.37	ng	0.00
29) Terphenyl-d14	19.83	244	30915	0.36	ng	0.00

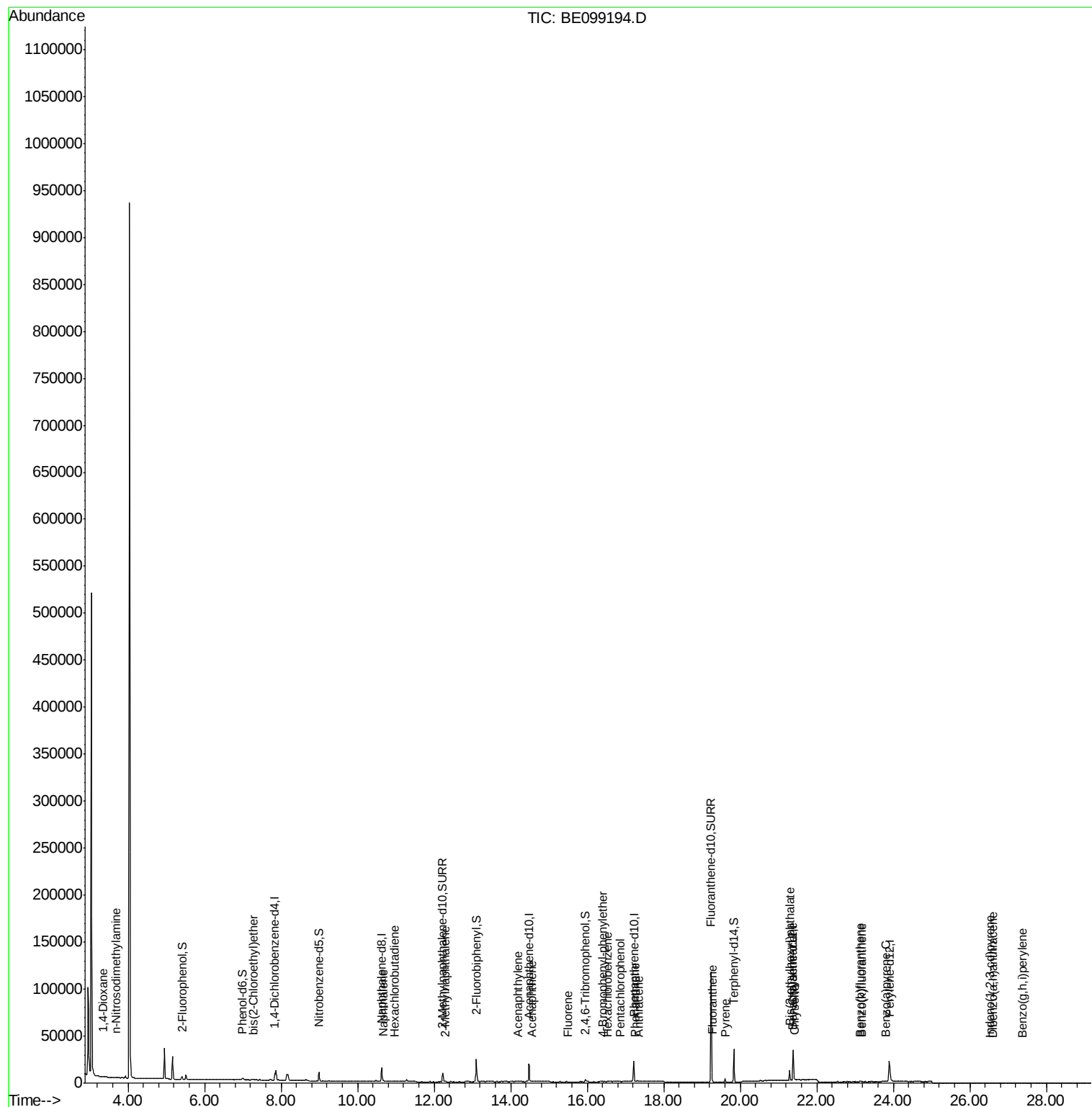
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	232	0.049	ng	# 47
3) n-Nitrosodimethylamine	3.68	42	82	0.031	ng	# 1
6) bis(2-Chloroethyl)ether	7.26	93	30	0.002	ng	# 74
9) Naphthalene	10.68	128	1071	0.005	ng	# 80
10) Hexachlorobutadiene	10.95	225	24	0.002	ng	# 19
12) 2-Methylnaphthalene	12.30	142	80	0.002	ng	# 63
16) Acenaphthylene	14.20	152	42	0.001	ng	# 1
17) Acenaphthene	14.54	154	32	0.001	ng	# 72
18) Fluorene	15.50	166	59	0.001	ng	# 96
20) 4-Bromophenyl-phenylether	16.41	248	14	0.001	ng	# 60
21) Hexachlorobenzene	16.52	284	23	0.001	ng	# 78
22) Pentachlorophenol	16.85	266	44	0.252	ng	# 82
23) Phenanthrene	17.26	178	171	0.002	ng	# 41
24) Anthracene	17.34	178	45	0.000	ng	# 77
26) Fluoranthene	19.27	202	118	0.001	ng	# 84
28) Pyrene	19.63	202	136	0.001	ng	# 88
30) Benzo(a)anthracene	21.37	228	266	0.002	ng	# 43
31) Chrysene	21.43	228	158	0.001	ng	# 44
32) Bis(2-ethylhexyl)phthalate	21.29	149	13950	0.090	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.52	276	18	0.000	ng	# 99
35) Benzo(b)fluoranthene	23.13	252	254	0.002	ng	# 1
36) Benzo(k)fluoranthene	23.18	252	193	0.001	ng	# 1
37) Benzo(a)pyrene	23.79	252	68	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.59	278	15	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.37	276	55	0.001	ng	# 1

(#) = 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: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

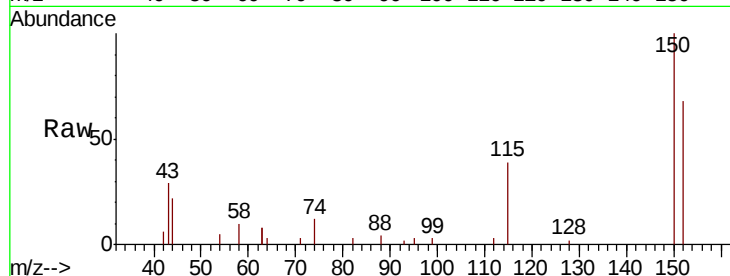
Tgt Ion: 152 Resp: 3616

Ion Ratio Lower Upper

152 100

150 146.5 112.8 169.2

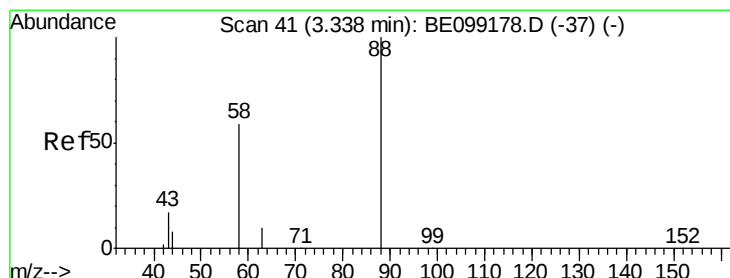
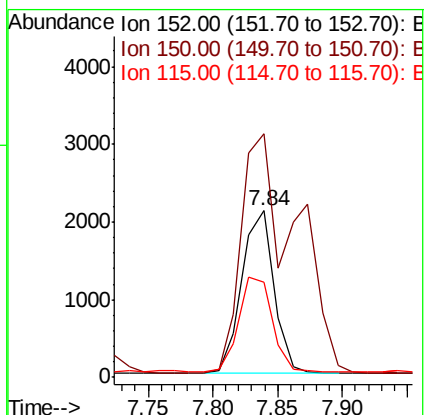
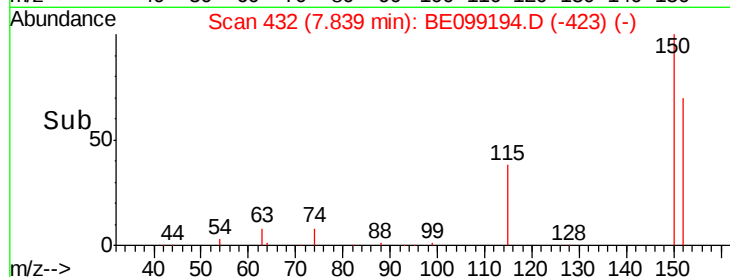
115 57.5 45.1 67.7



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: 0.049 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

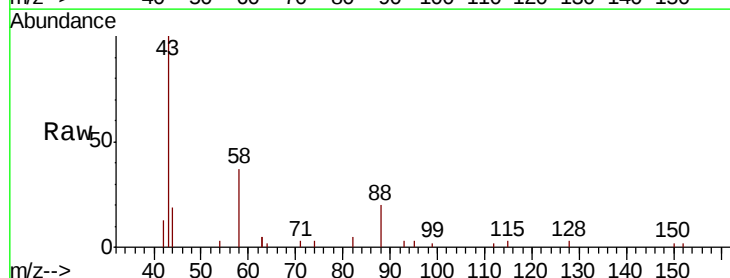
Tgt Ion: 88 Resp: 232

Ion Ratio Lower Upper

88 100

58 101.3 47.4 71.0#

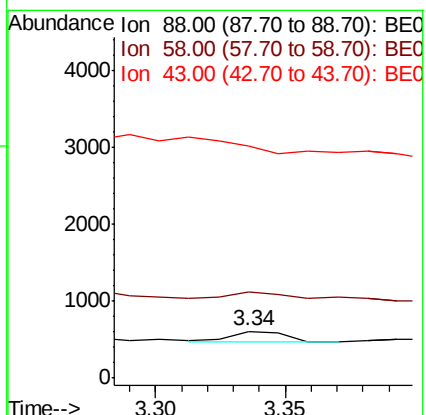
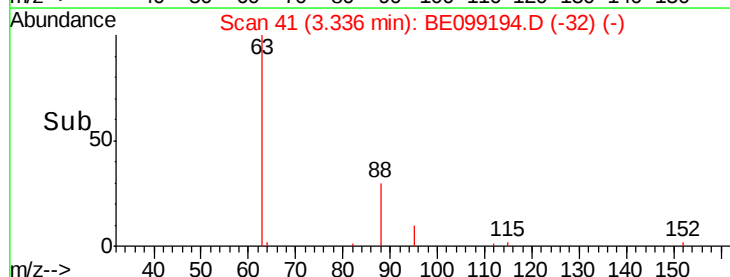
43 0.0 15.6 23.4#



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: 0.031 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.01 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

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OUTFALL001-190319

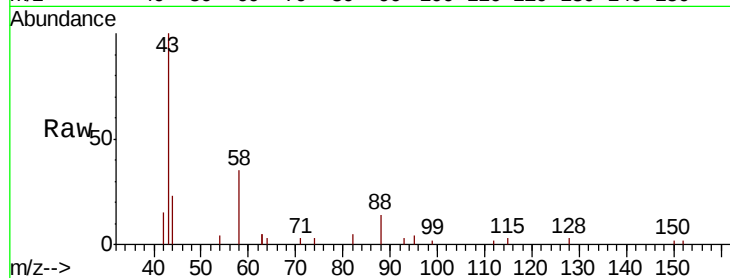
Tgt Ion: 42 Resp: 82

Ion Ratio Lower Upper

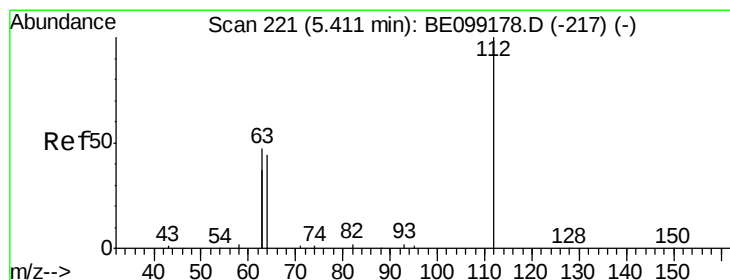
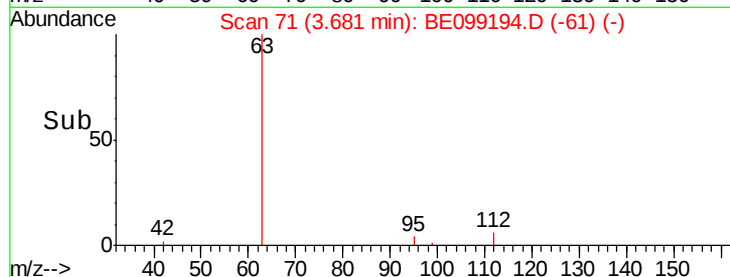
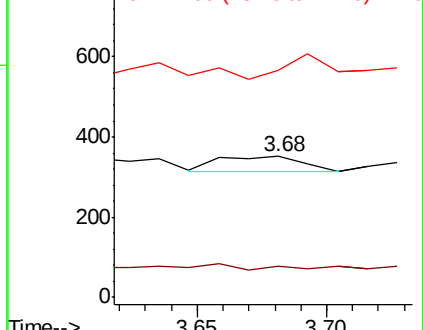
42 100

74 0.0 138.6 207.8#

44 0.0 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: 0.158 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

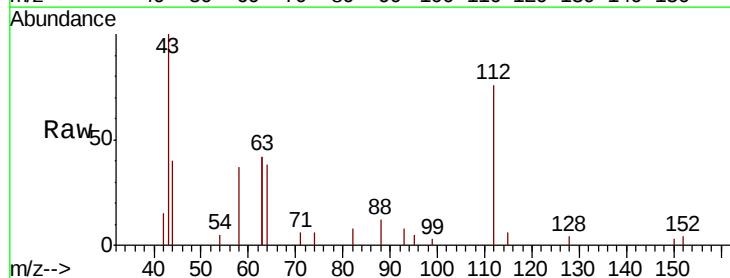
Tgt Ion: 112 Resp: 1706

Ion Ratio Lower Upper

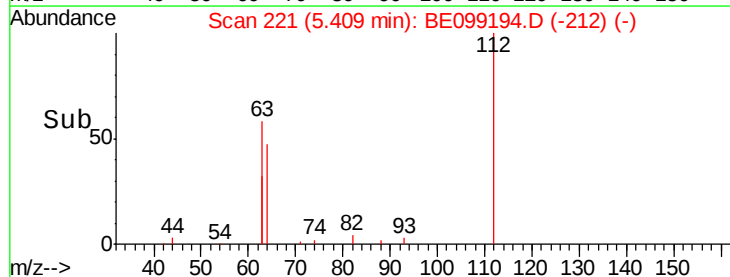
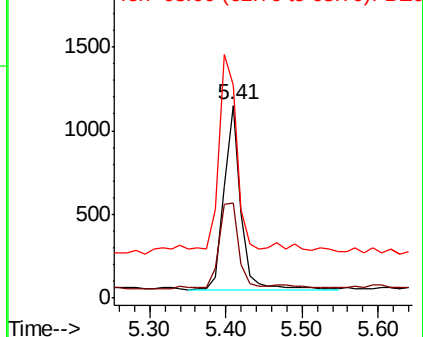
112 100

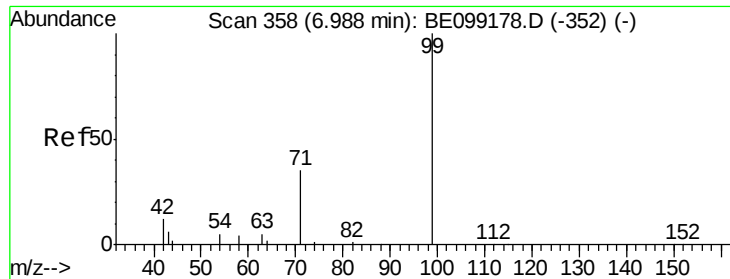
64 54.3 46.2 69.2

63 109.3 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: 0.086 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

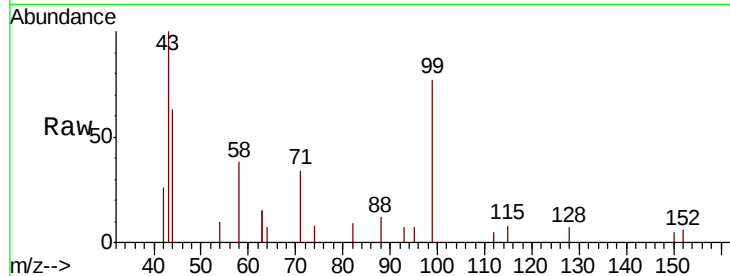
Tgt Ion: 99 Resp: 1418

Ion Ratio Lower Upper

99 100

42 18.3 12.4 18.6

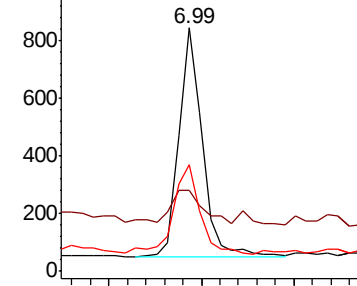
71 44.2 28.4 42.6#



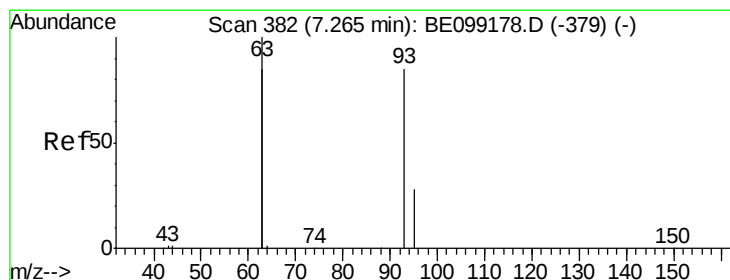
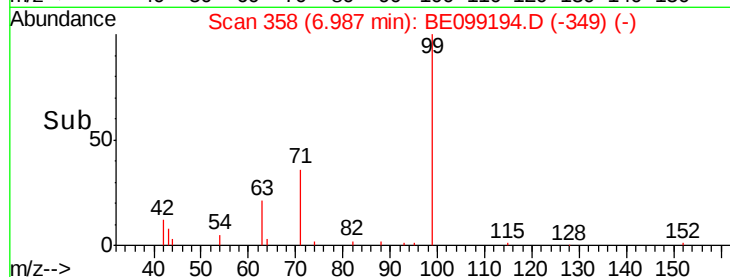
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.002 ng

RT: 7.26 min Scan# 382

Delta R.T. -0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

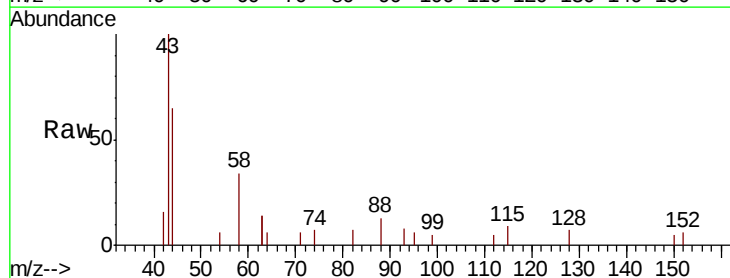
Tgt Ion: 93 Resp: 30

Ion Ratio Lower Upper

93 100

63 323.3 221.4 332.0

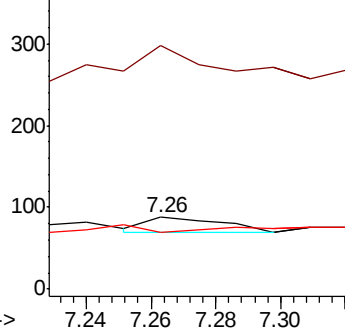
95 50.0 25.8 38.8#



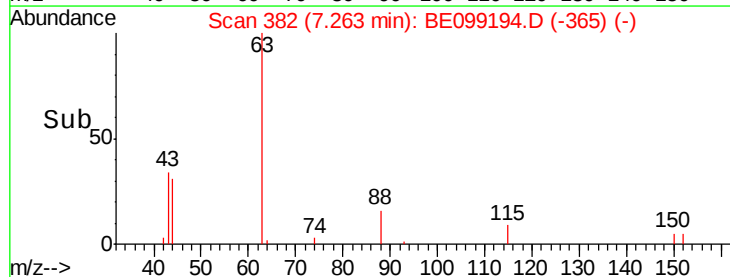
Abundance Ion 93.00 (92.70 to 93.70): BE0

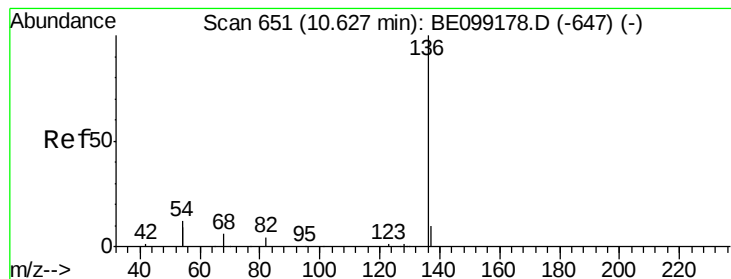
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

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OUTFALL001-190319

Tgt Ion:136 Resp: 16832

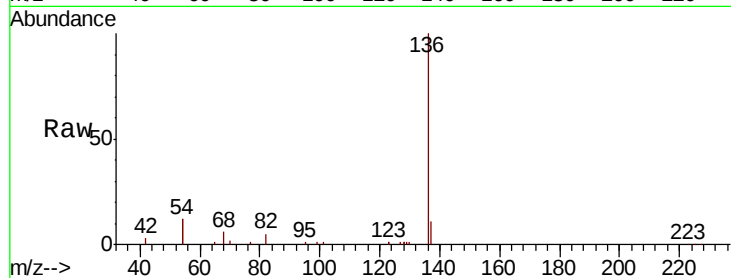
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 23.1 18.7 28.1

68 6.0 5.2 7.8

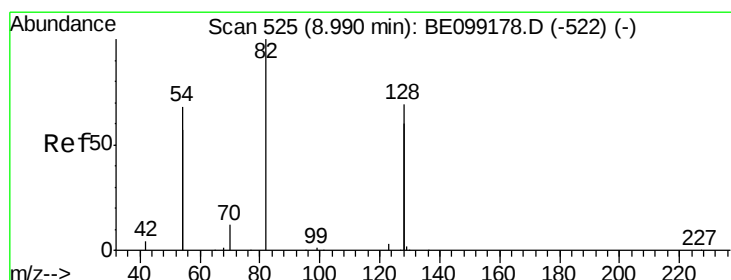
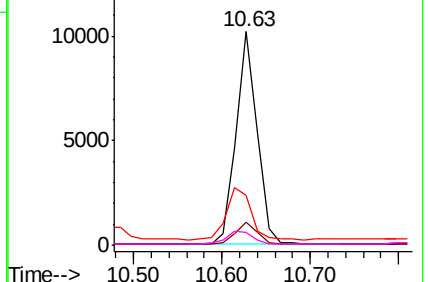
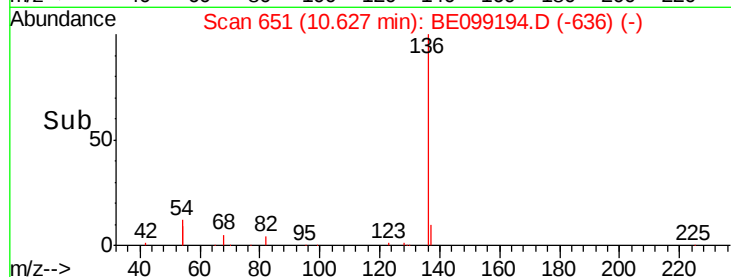


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.338 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

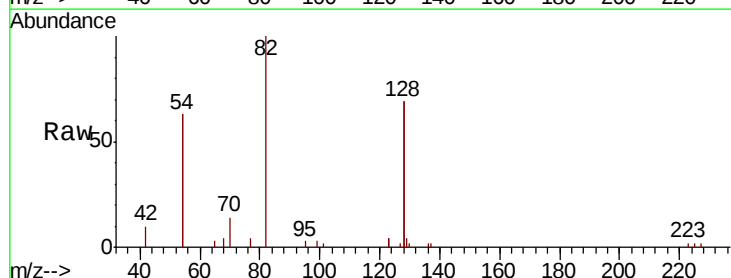
Tgt Ion: 82 Resp: 4651

Ion Ratio Lower Upper

82 100

128 138.5 107.5 161.3

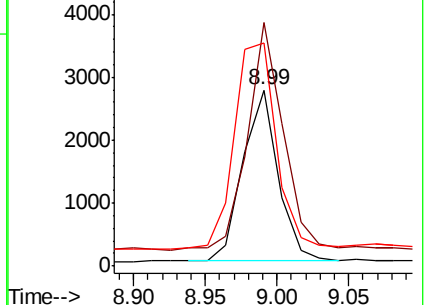
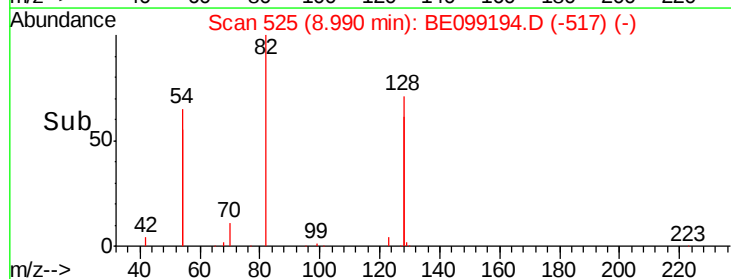
54 126.6 106.3 159.5

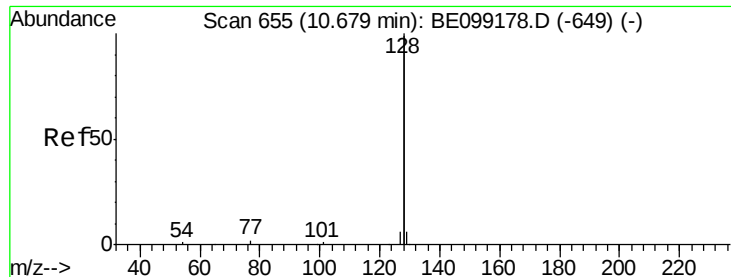


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

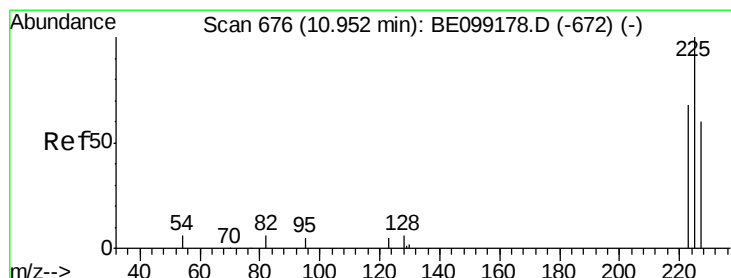
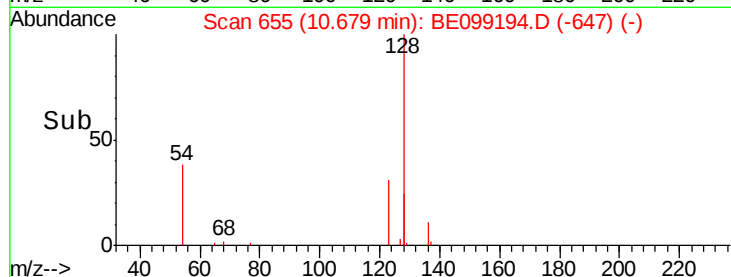
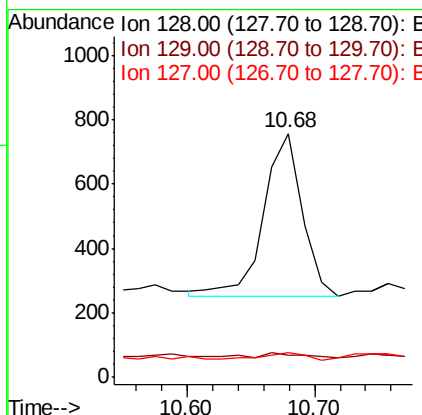
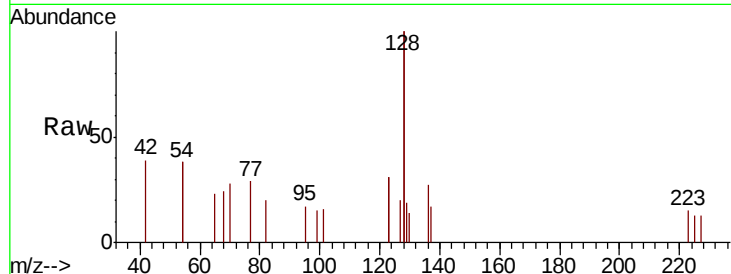




#9
Naphthalene
Concen: 0.005 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099194.D
Acq: 25 Mar 2019 00:01

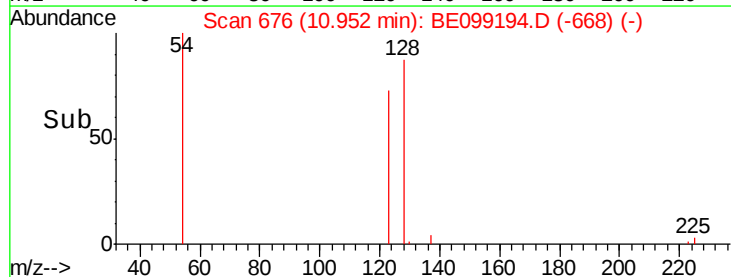
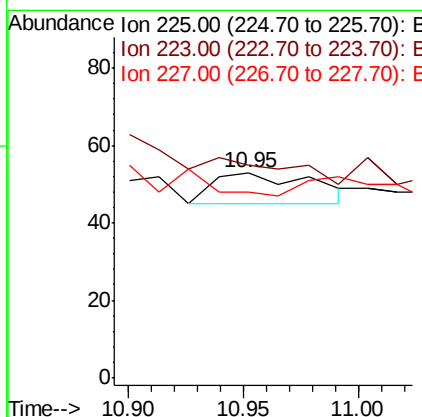
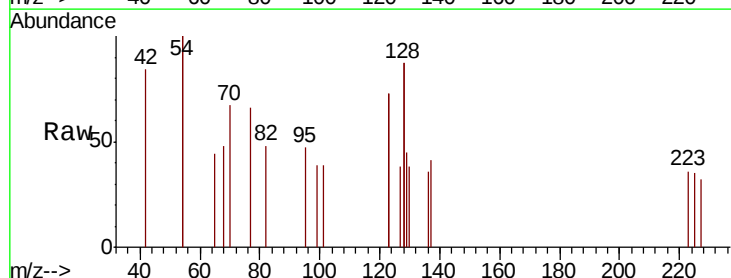
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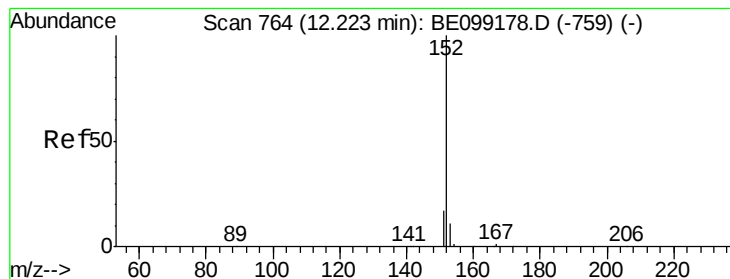
Tgt Ion:128 Resp: 1071
Ion Ratio Lower Upper
128 100
129 9.3 2.3 3.5#
127 10.2 2.6 3.8#



#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099194.D
Acq: 25 Mar 2019 00:01

Tgt Ion:225 Resp: 24
Ion Ratio Lower Upper
225 100
223 0.0 51.3 76.9#
227 0.0 48.6 73.0#





#11

2-Methylnaphthalene-d10

Concen: 0.355 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA_E

ClientSampleId :

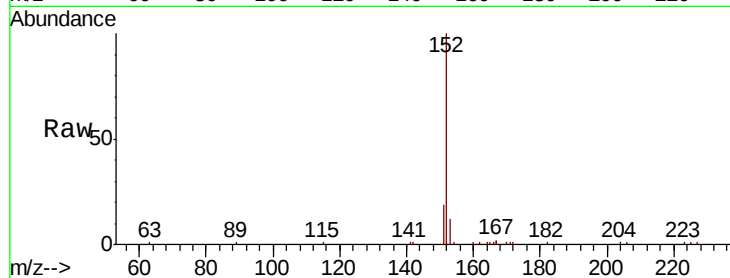
OUTFALL001-190319

Tgt Ion:152 Resp: 11520

Ion Ratio Lower Upper

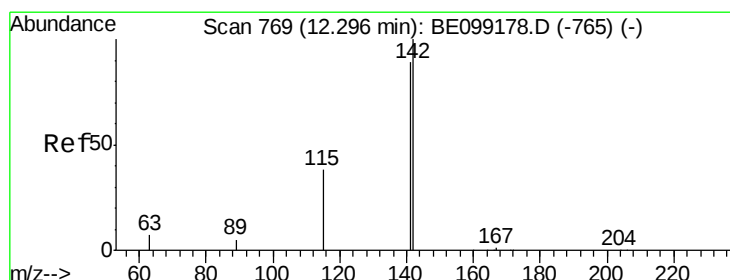
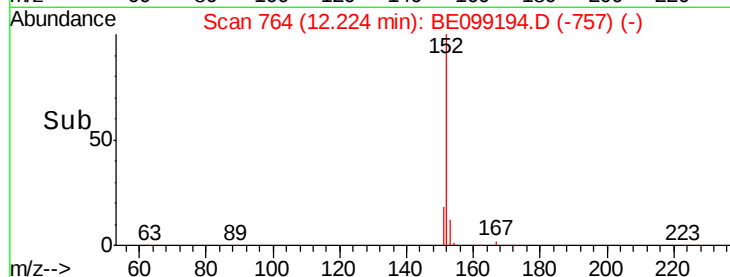
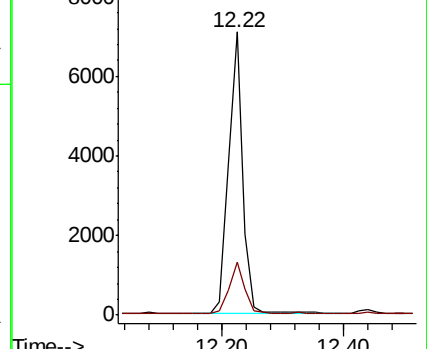
152 100

151 19.5 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: 0.002 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

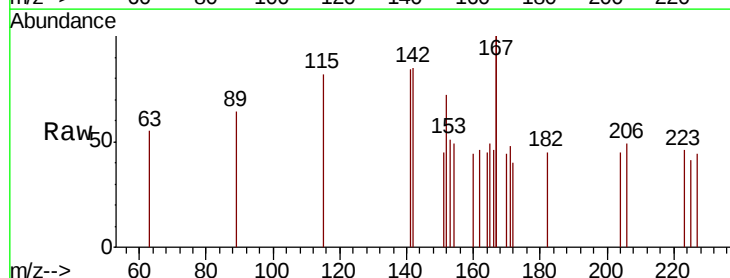
Tgt Ion:142 Resp: 80

Ion Ratio Lower Upper

142 100

141 99.0 71.3 106.9

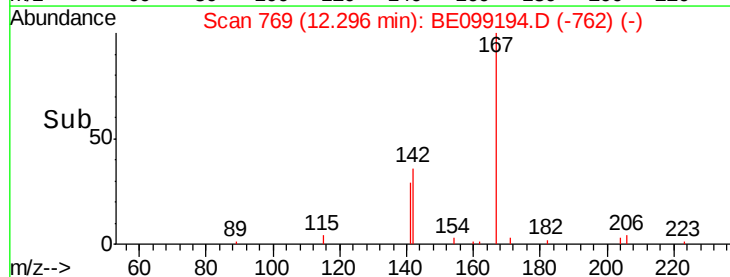
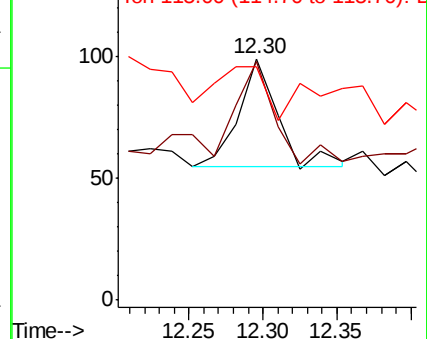
115 97.0 30.4 45.6#

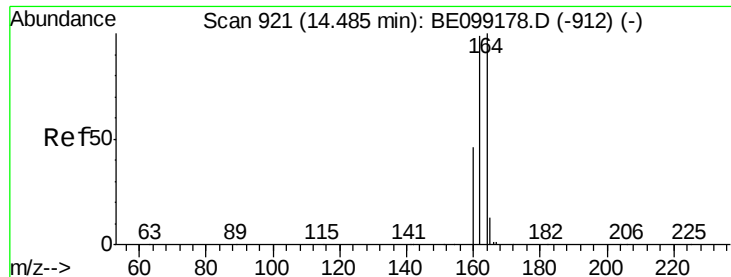


Abundance Ion 142.00 (141.70 to 142.70): E

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# 920

Delta R.T. -0.01 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

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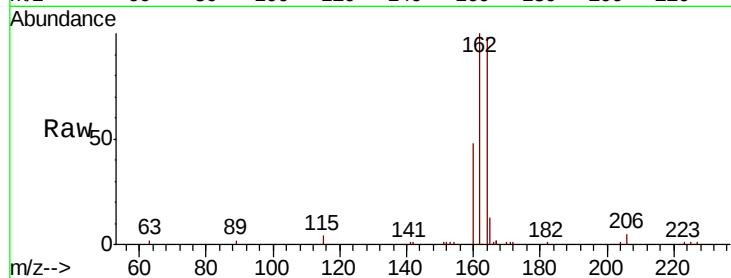
Tgt Ion:164 Resp: 12984

Ion Ratio Lower Upper

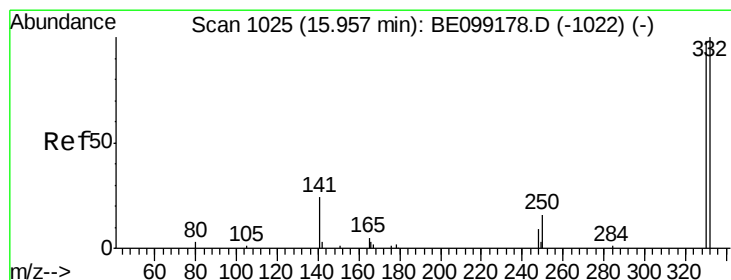
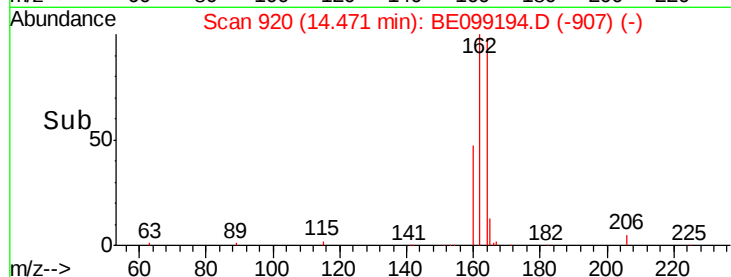
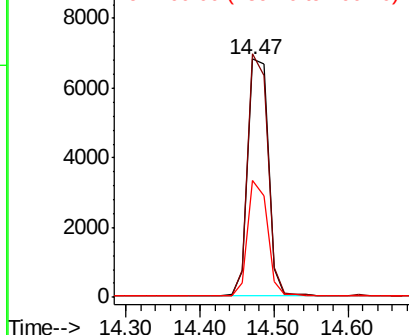
164 100

162 102.2 79.2 118.8

160 48.9 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: 0.461 ng

RT: 15.96 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

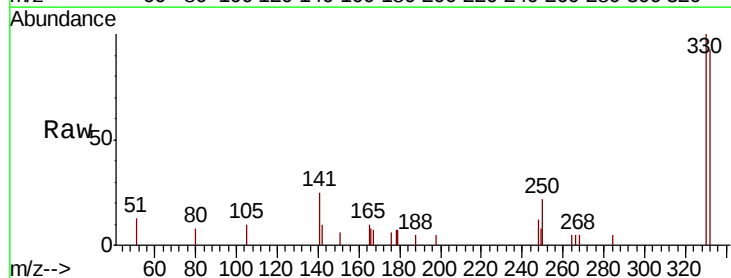
Tgt Ion:330 Resp: 1711

Ion Ratio Lower Upper

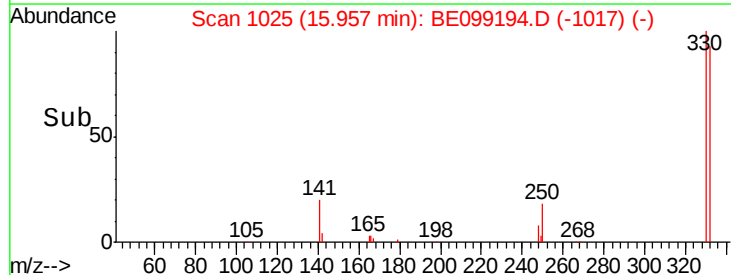
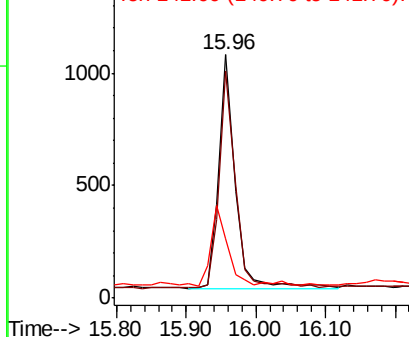
330 100

332 92.3 71.3 106.9

141 33.3 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

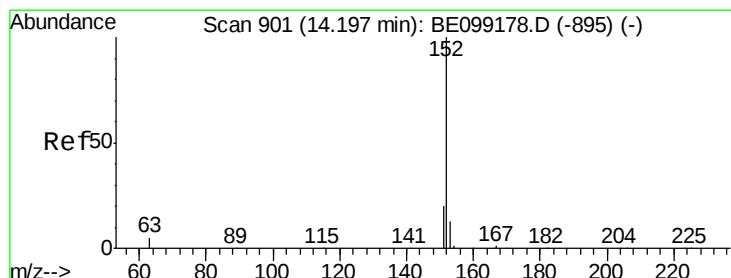
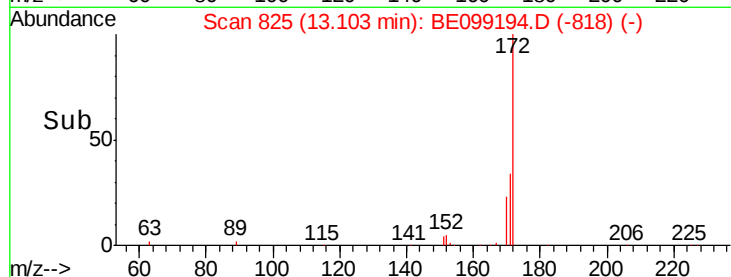
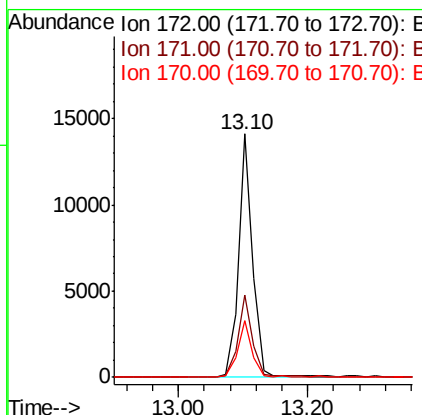
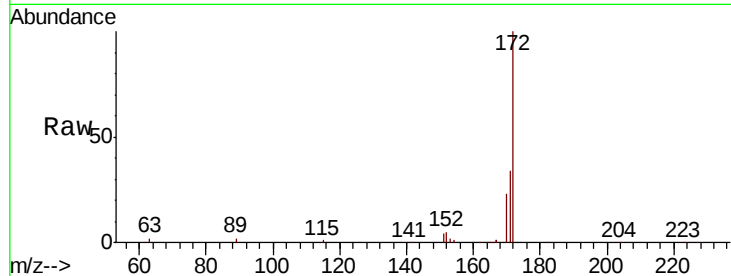




#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099194.D
Acq: 25 Mar 2019 00:01

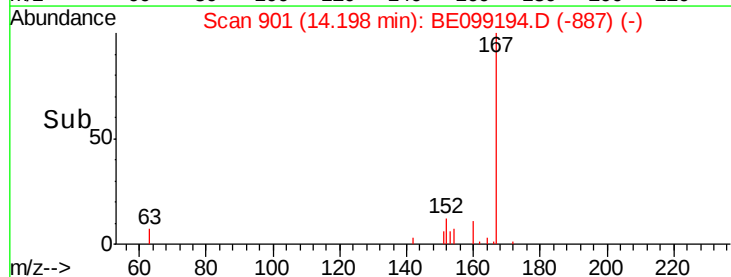
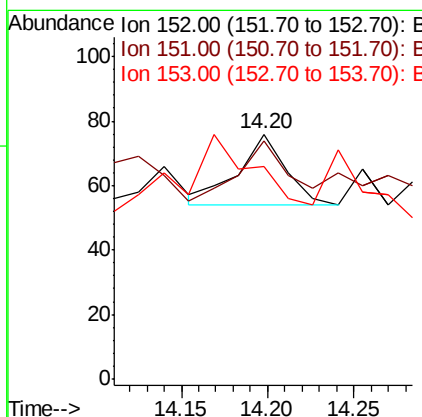
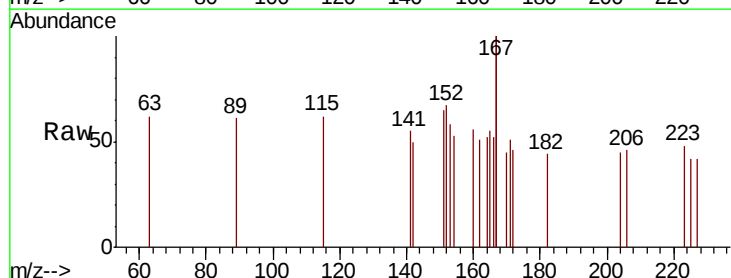
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-190319

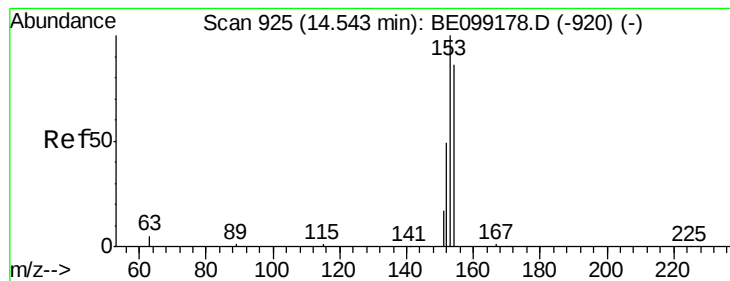
Tgt Ion:172 Resp: 20744
Ion Ratio Lower Upper
172 100
171 33.8 27.4 41.0
170 23.1 19.1 28.7



#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099194.D
Acq: 25 Mar 2019 00:01

Tgt Ion:152 Resp: 42
Ion Ratio Lower Upper
152 100
151 88.1 15.7 23.5#
153 0.0 10.6 15.8#





#17

Acenaphthene

Concen: 0.001 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

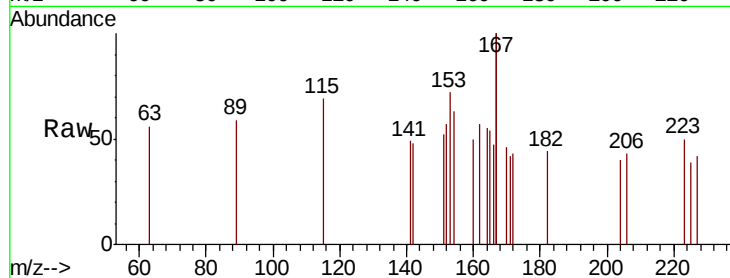
Tgt Ion:154 Resp: 32

Ion Ratio Lower Upper

154 100

153 143.8 93.4 140.0#

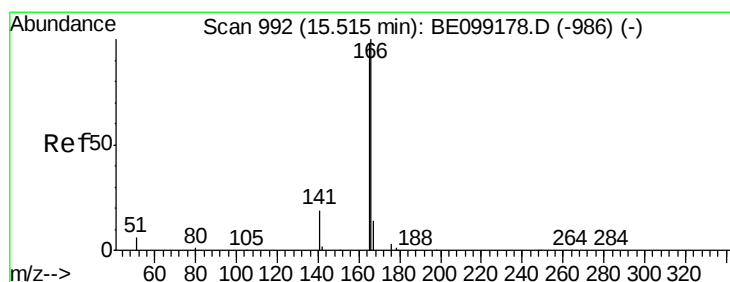
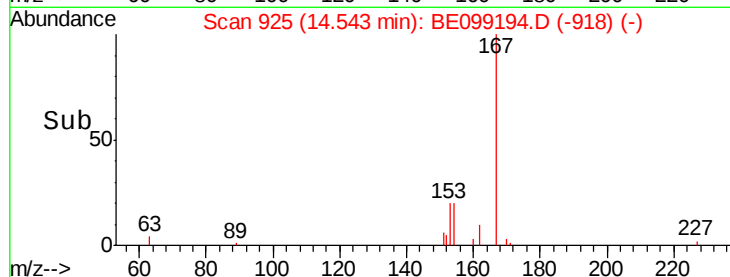
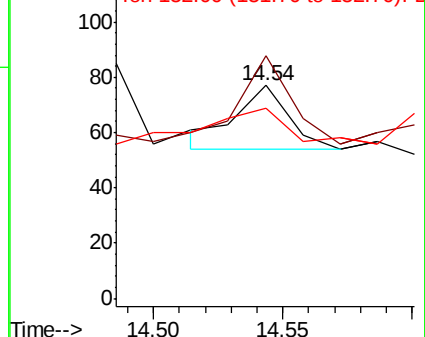
152 84.4 46.6 69.8#



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: 0.001 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

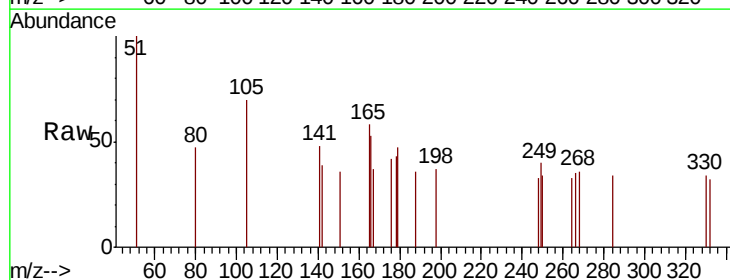
Tgt Ion:166 Resp: 59

Ion Ratio Lower Upper

166 100

165 101.7 78.9 118.3

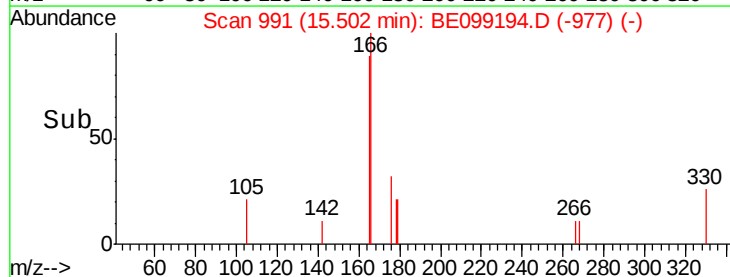
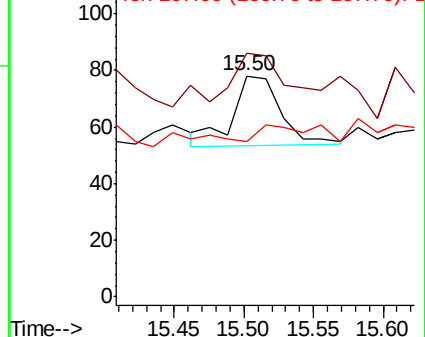
167 18.6 10.9 16.3#

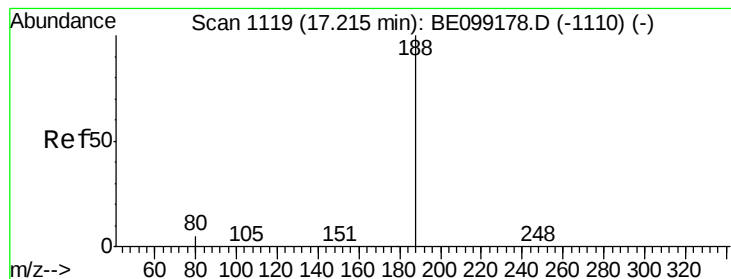


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

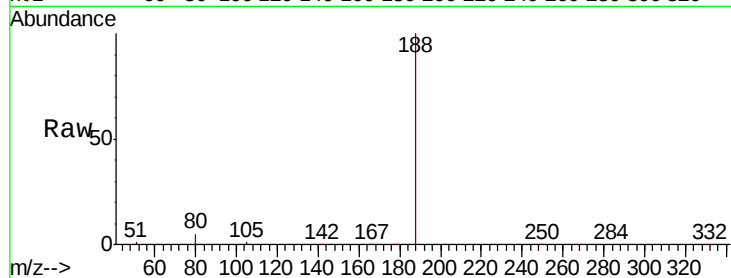
Tgt Ion:188 Resp: 35950

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

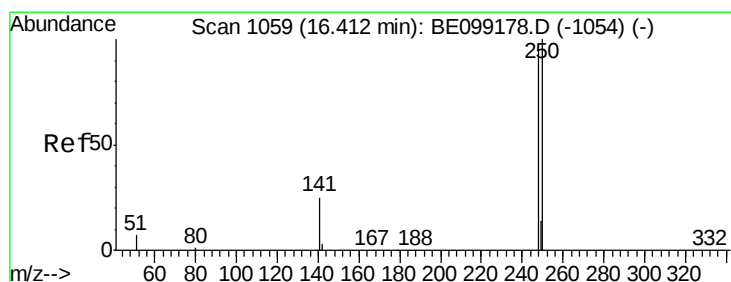
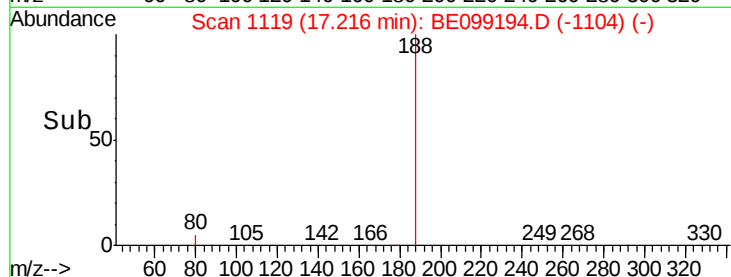
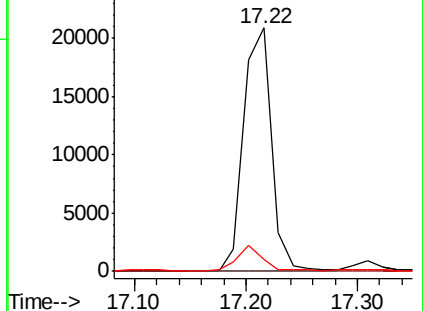
80 5.0 4.5 6.7



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: 0.001 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

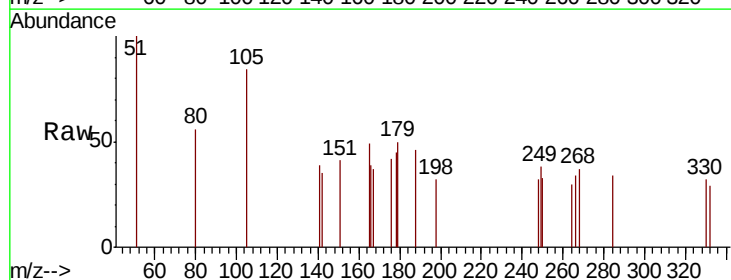
Tgt Ion:248 Resp: 14

Ion Ratio Lower Upper

248 100

250 101.9 84.2 126.2

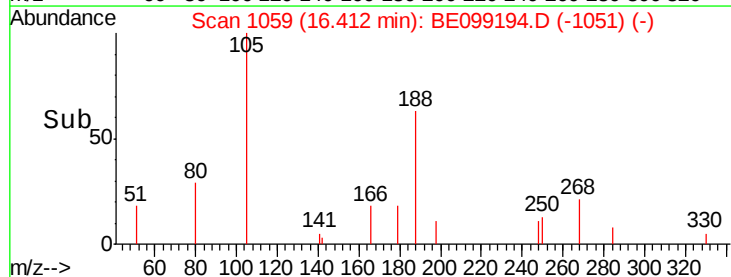
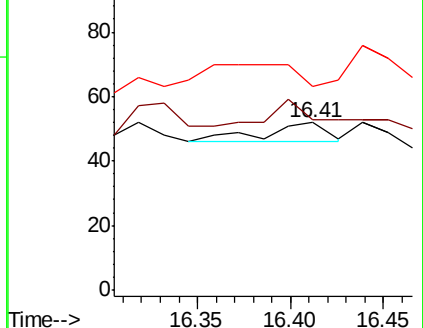
141 121.2 21.8 32.6#

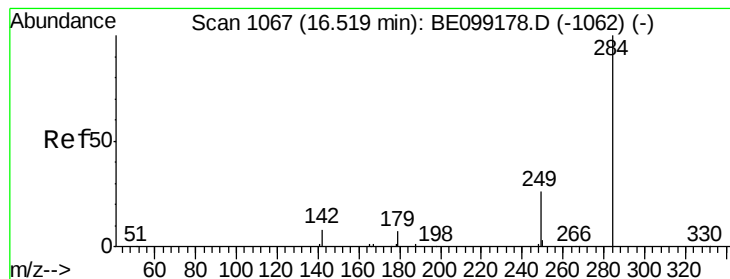


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

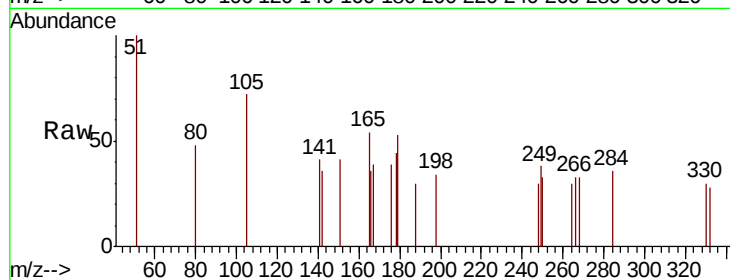
Tgt Ion:284 Resp: 23

Ion Ratio Lower Upper

284 100

142 43.5 22.7 34.1#

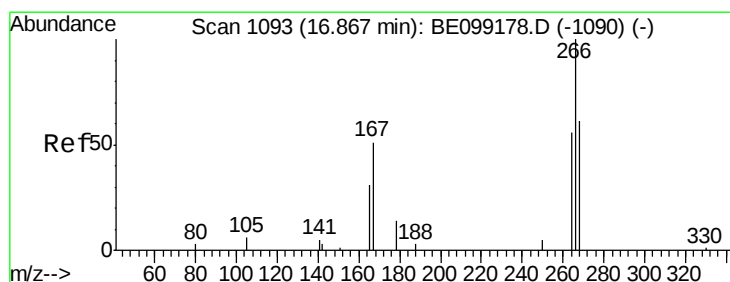
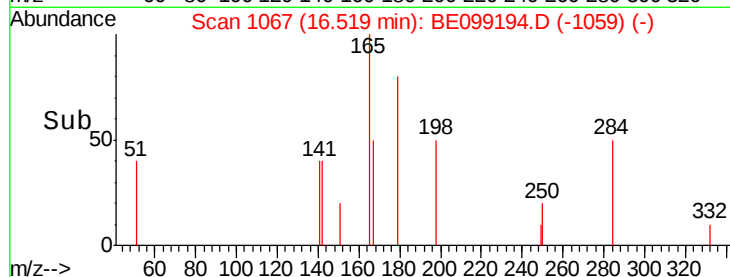
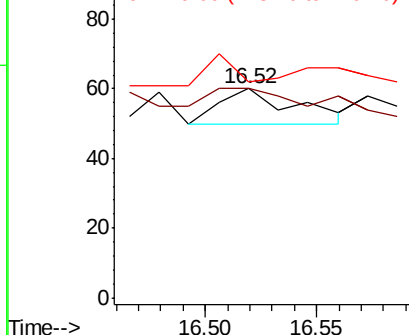
249 43.5 26.9 40.3#



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: 0.252 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

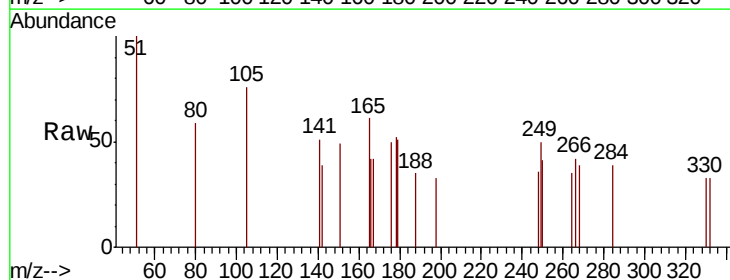
Tgt Ion:266 Resp: 44

Ion Ratio Lower Upper

266 100

264 82.3 54.4 81.6#

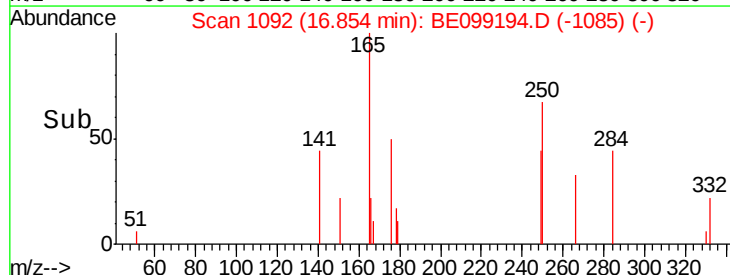
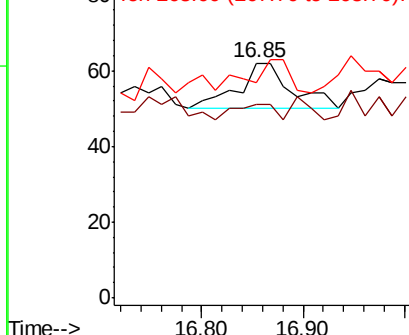
268 91.9 61.3 91.9#

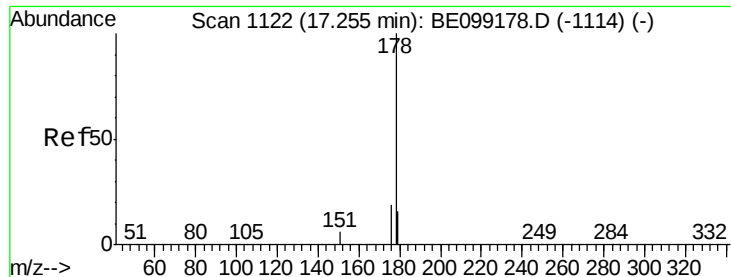


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.002 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

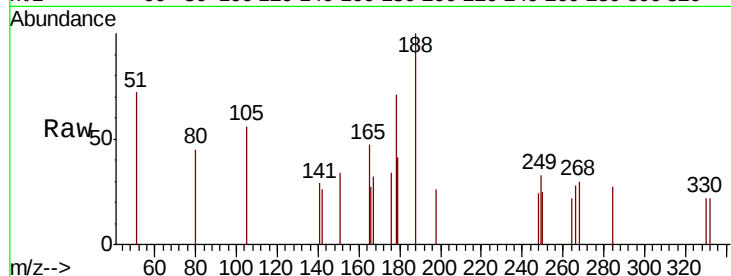
Tgt Ion:178 Resp: 171

Ion Ratio Lower Upper

178 100

176 53.8 15.4 23.2#

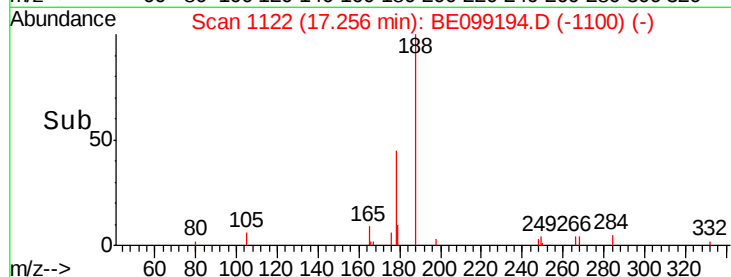
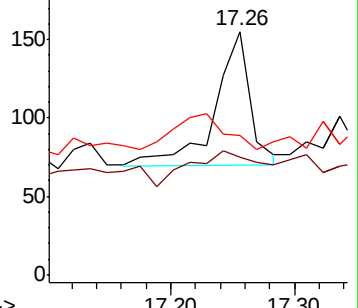
179 0.0 12.3 18.5#



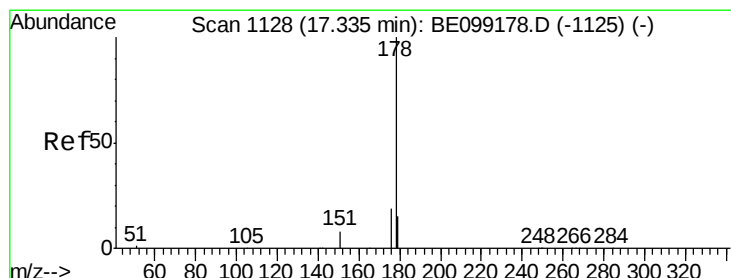
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.000 ng

RT: 17.34 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

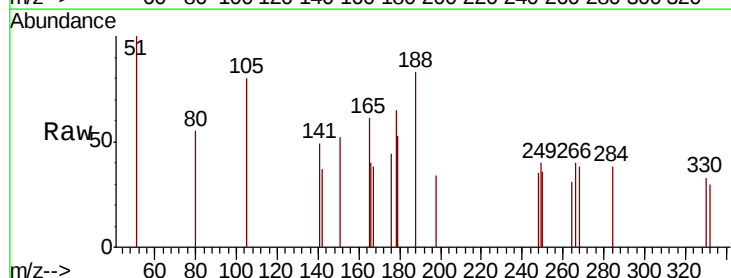
Tgt Ion:178 Resp: 45

Ion Ratio Lower Upper

178 100

176 13.3 15.1 22.7#

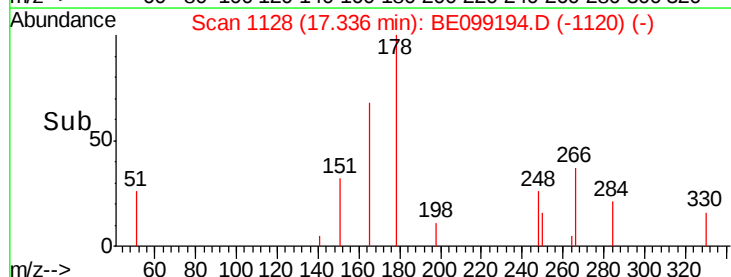
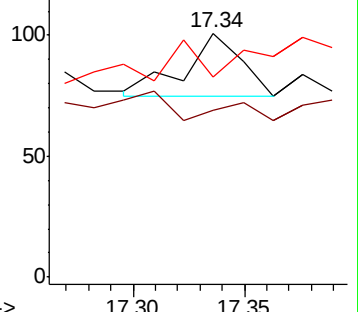
179 0.0 12.4 18.6#



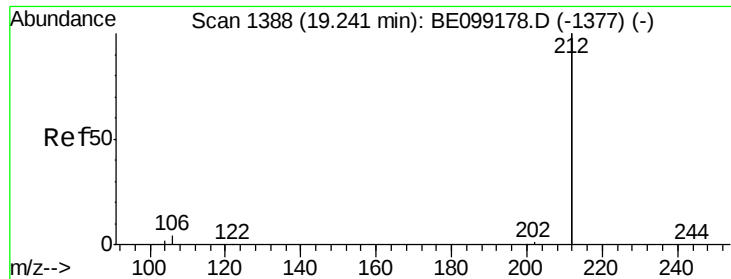
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

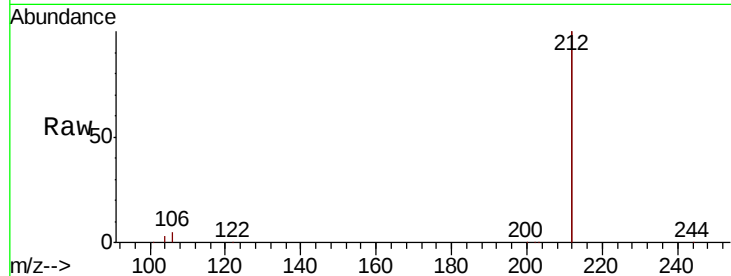
Tgt Ion:212 Resp: 159394

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

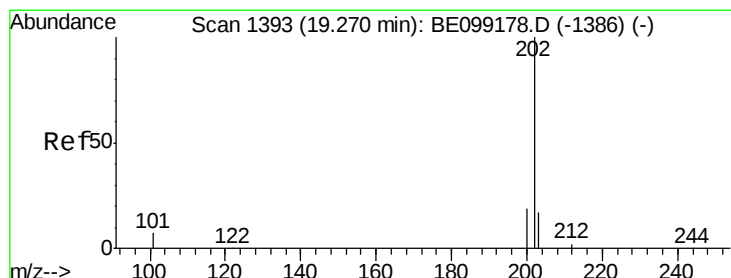
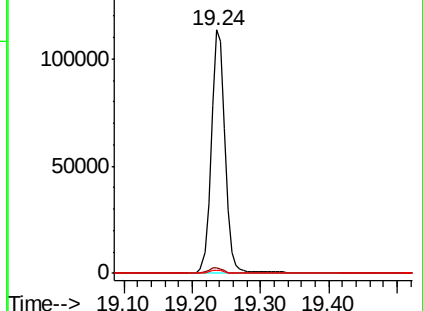
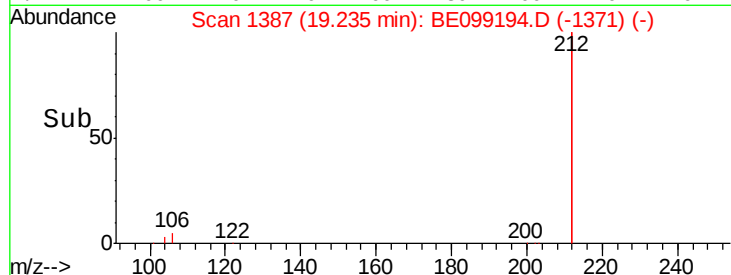
104 1.4 1.1 1.7



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: 0.001 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

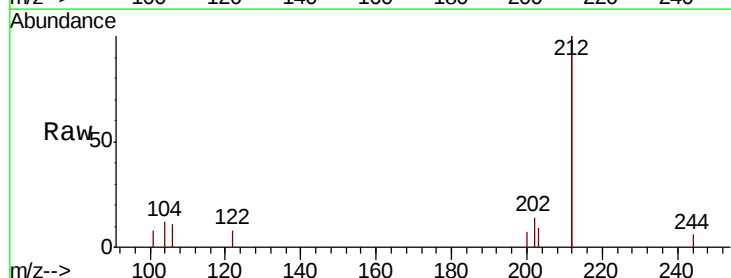
Tgt Ion:202 Resp: 118

Ion Ratio Lower Upper

202 100

101 0.0 7.0 10.4#

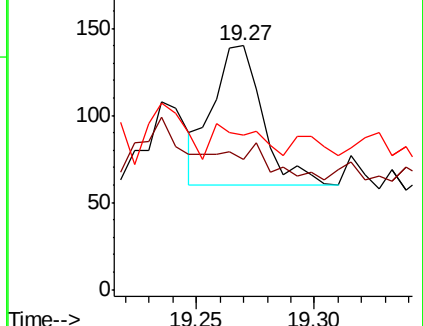
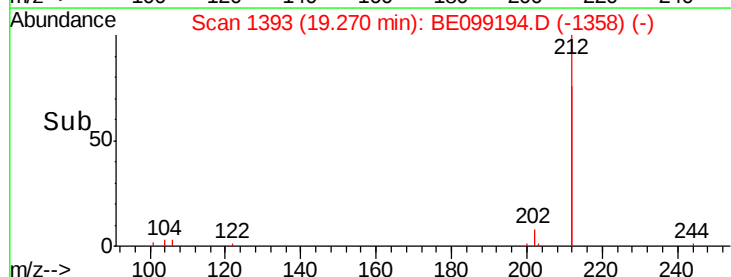
203 22.0 13.8 20.6#

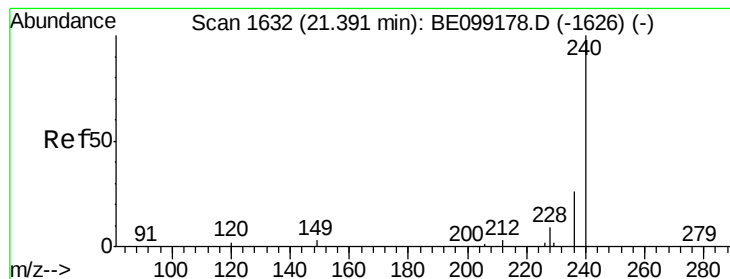


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

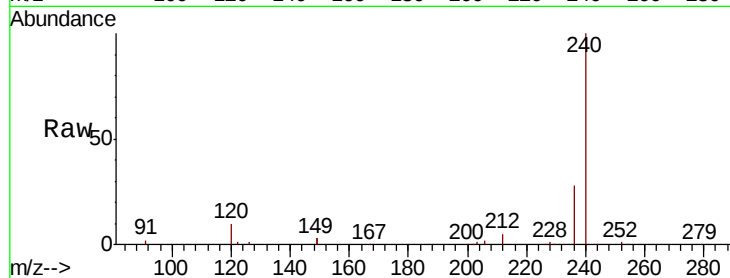
Tgt Ion:240 Resp: 39533

Ion Ratio Lower Upper

240 100

120 10.3 2.6 3.8#

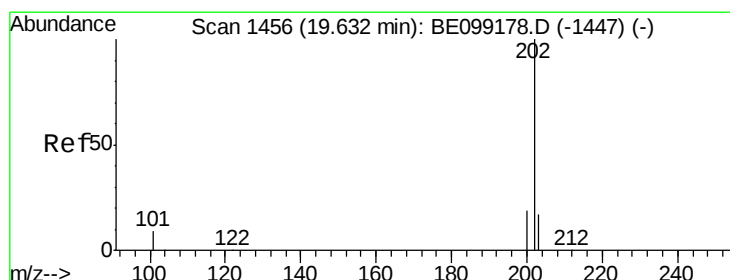
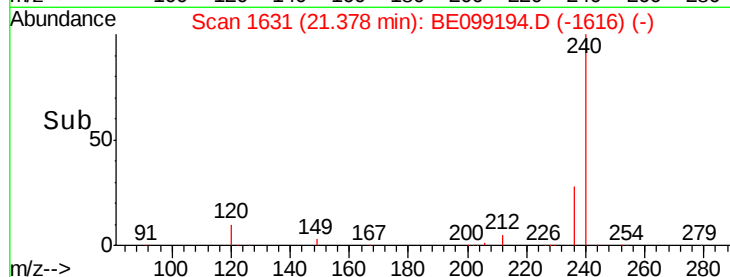
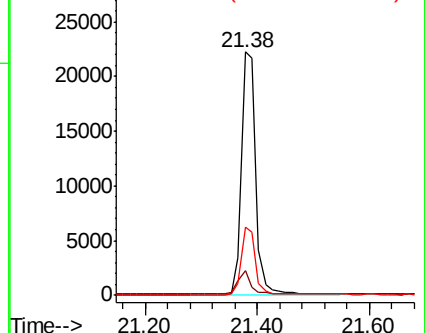
236 28.1 20.9 31.3



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: 0.001 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

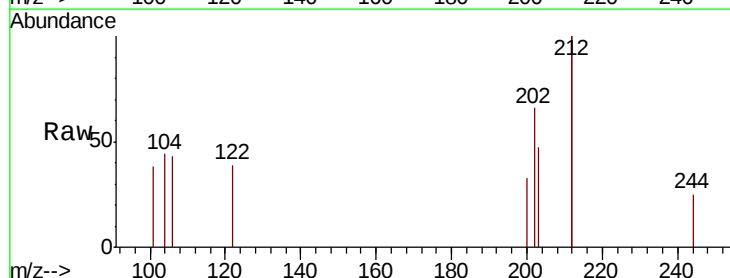
Tgt Ion:202 Resp: 136

Ion Ratio Lower Upper

202 100

200 29.4 15.8 23.8#

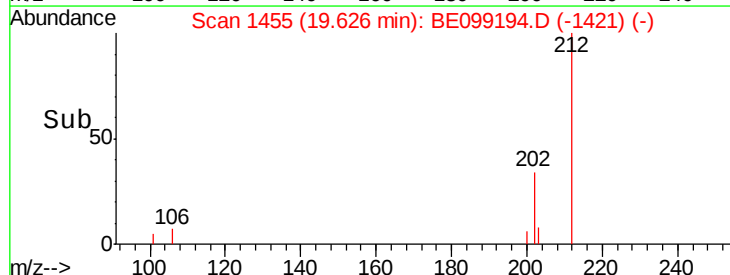
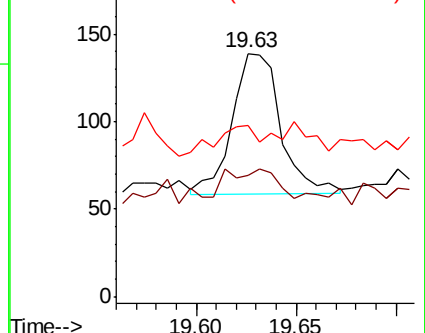
203 18.4 14.1 21.1



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: 0.360 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

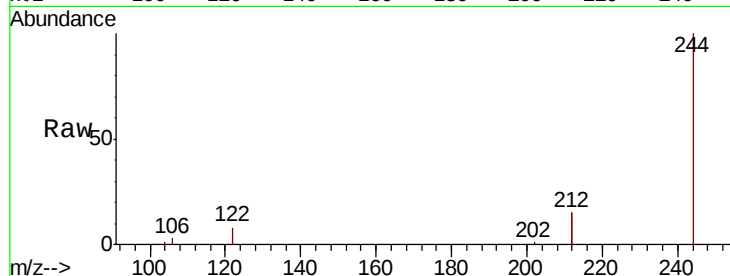
Tgt Ion:244 Resp: 30915

Ion Ratio Lower Upper

244 100

212 30.7 22.7 34.1

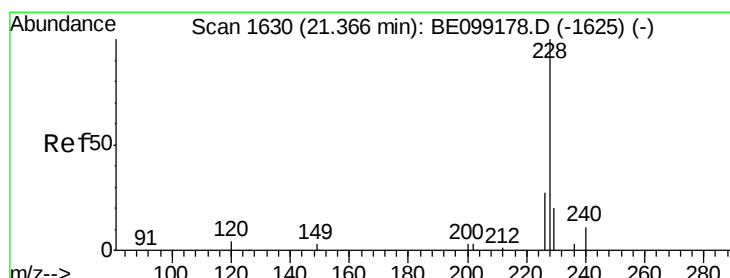
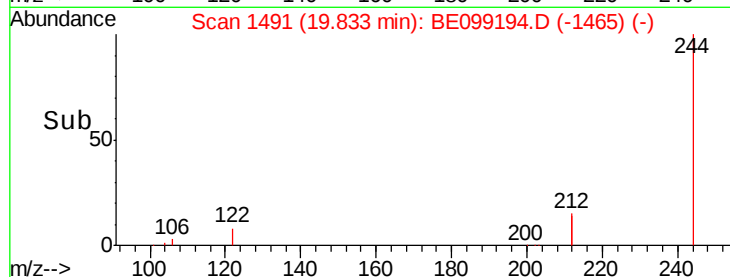
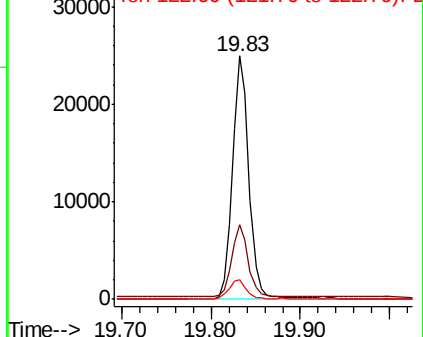
122 8.0 5.8 8.6



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: 0.002 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

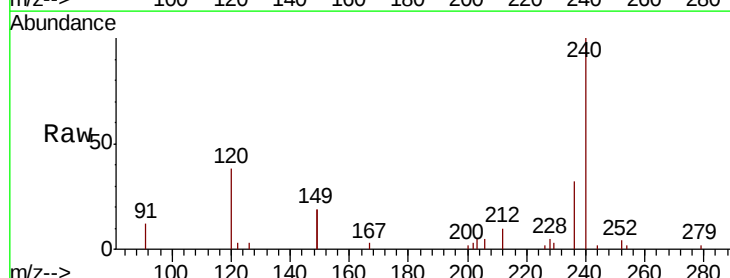
Tgt Ion:228 Resp: 266

Ion Ratio Lower Upper

228 100

226 48.0 21.7 32.5#

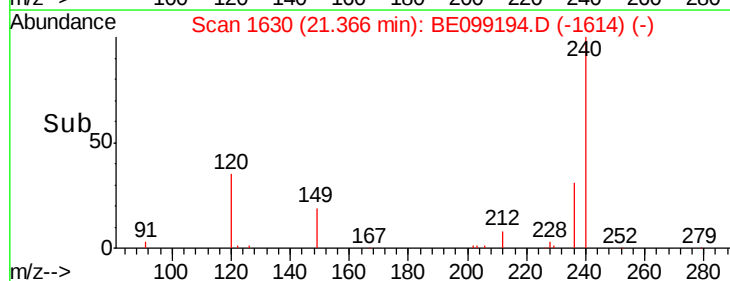
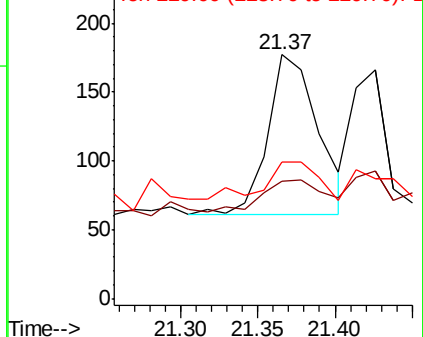
229 55.9 15.9 23.9#



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: 0.001 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

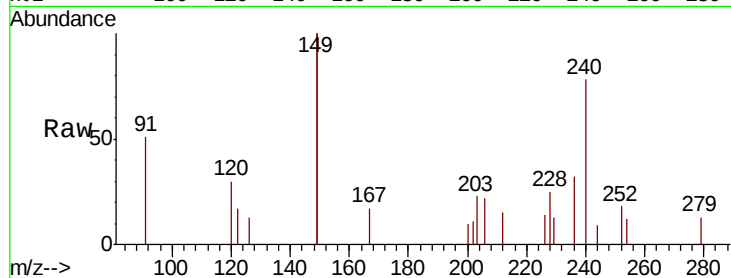
Tgt Ion: 228 Resp: 158

Ion Ratio Lower Upper

228 100

226 56.0 24.8 37.2#

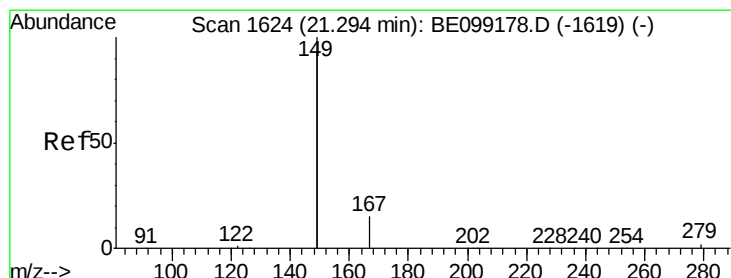
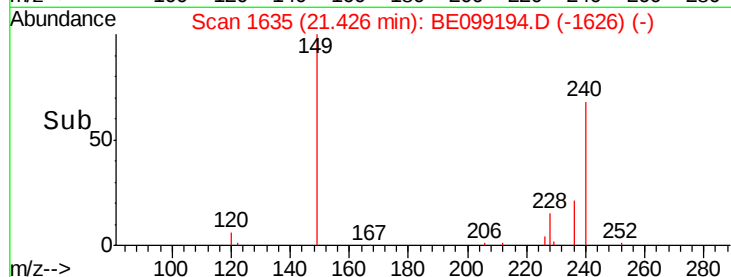
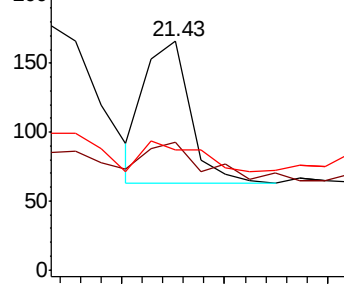
229 52.4 15.4 23.0#



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: 0.090 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

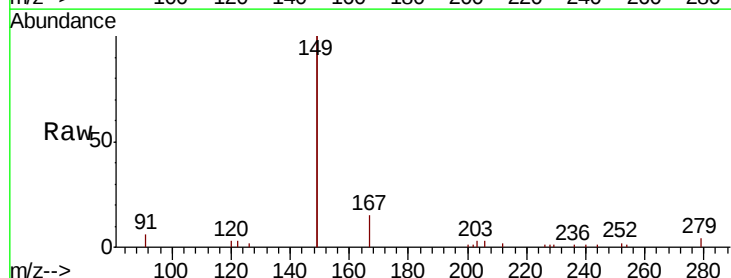
Tgt Ion: 149 Resp: 13950

Ion Ratio Lower Upper

149 100

167 6.8 5.9 8.9

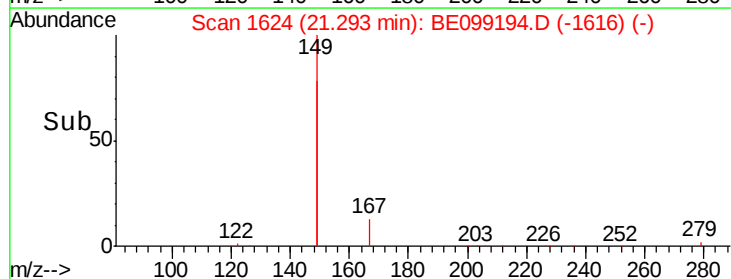
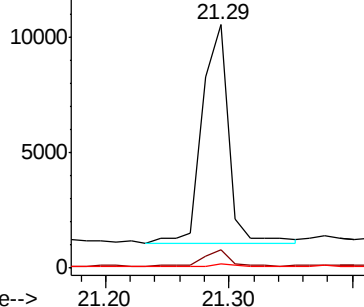
279 1.9 1.0 1.6#



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: 0.000 ng

RT: 26.52 min Scan# 2939

Delta R.T. -0.04 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

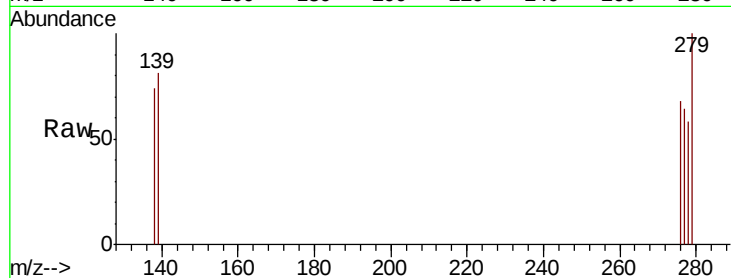
Tgt Ion: 276 Resp: 18

Ion Ratio Lower Upper

276 100

138 16.7 12.9 19.3

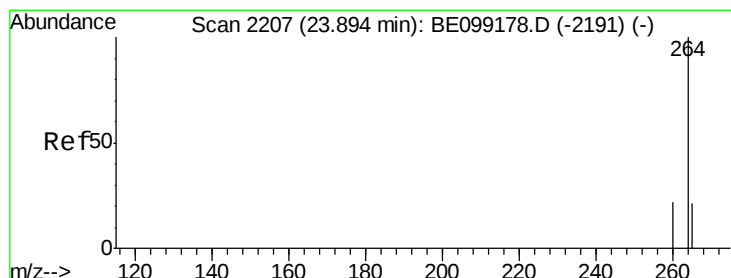
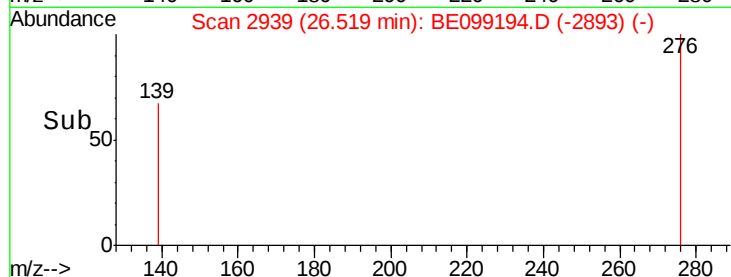
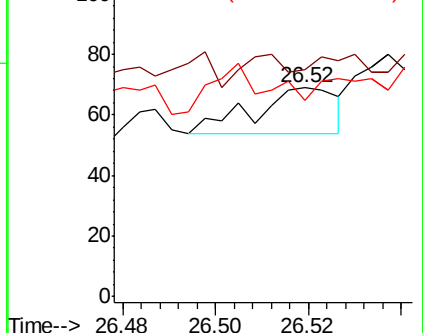
277 22.2 18.3 27.5



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: BE099194.D

Acq: 25 Mar 2019 00:01

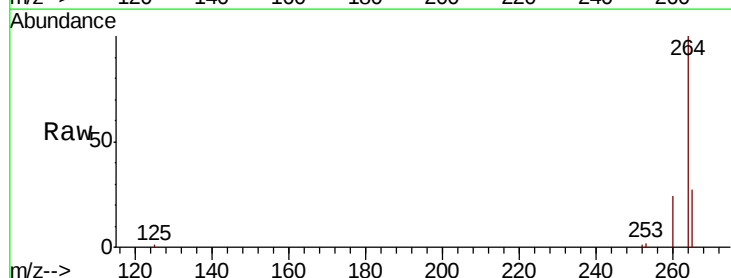
Tgt Ion: 264 Resp: 37511

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.2

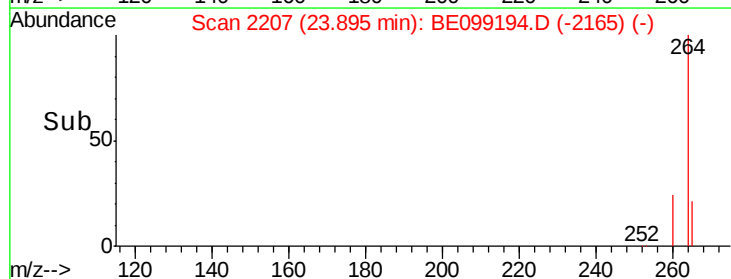
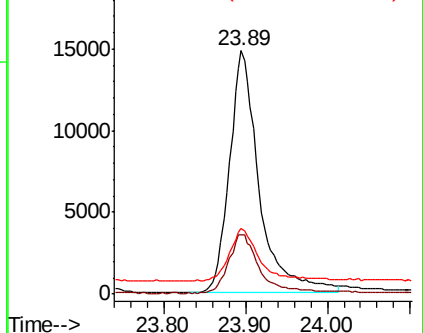
265 26.8 21.8 32.8



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: 0.002 ng

RT: 23.13 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

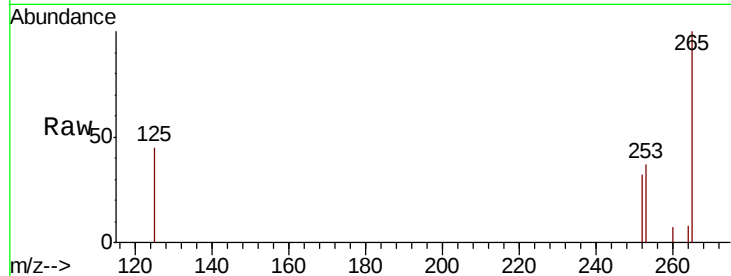
Tgt Ion: 252 Resp: 254

Ion Ratio Lower Upper

252 100

253 114.3 17.8 26.8#

125 140.9 6.1 9.1#

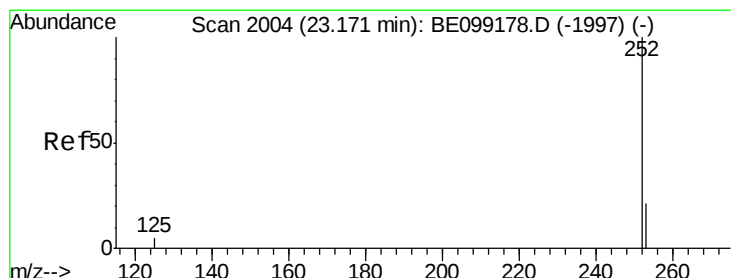
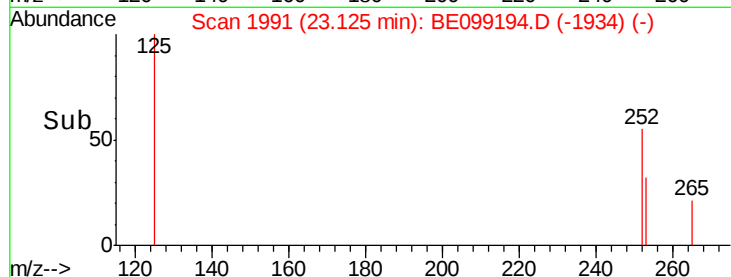
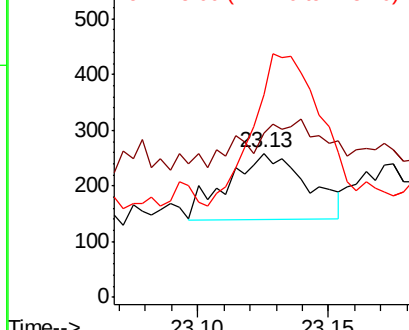


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 23.18 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

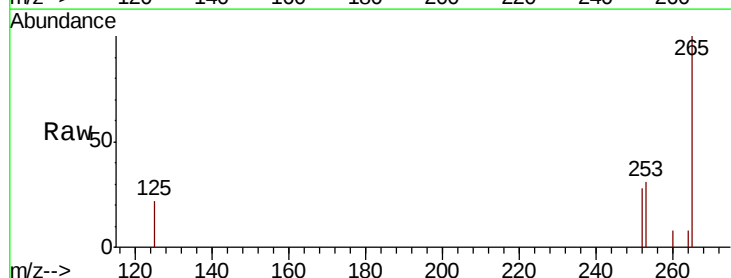
Tgt Ion: 252 Resp: 193

Ion Ratio Lower Upper

252 100

253 110.5 17.8 26.6#

125 76.2 5.9 8.9#

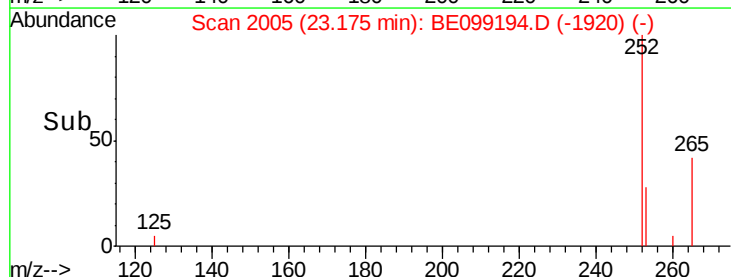
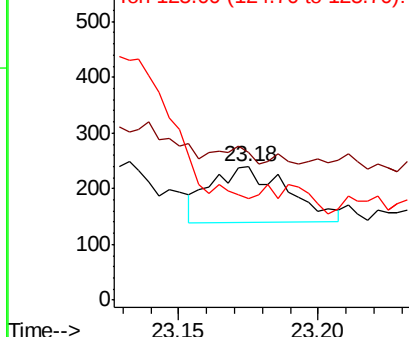


Abundance

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





#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.79 min Scan# 2178

Delta R.T. 0.01 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

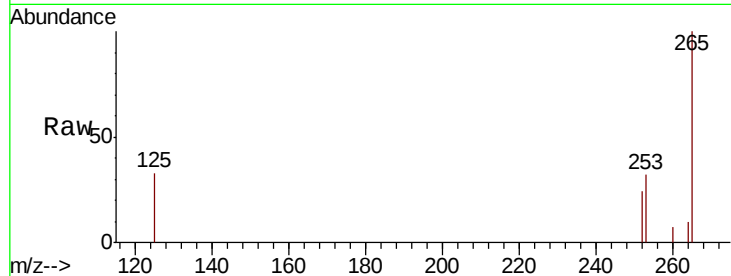
Tgt Ion:252 Resp: 68

Ion Ratio Lower Upper

252 100

253 132.5 18.1 27.1#

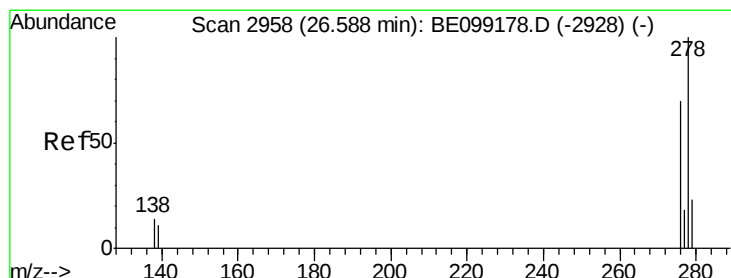
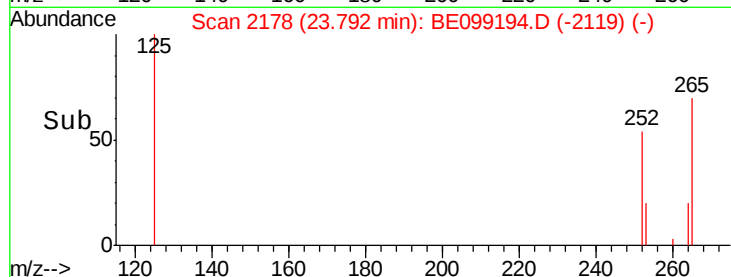
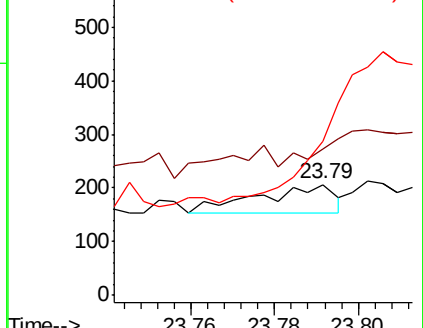
125 138.8 6.8 10.2#



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: 0.000 ng

RT: 26.59 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BE099194.D

Acq: 25 Mar 2019 00:01

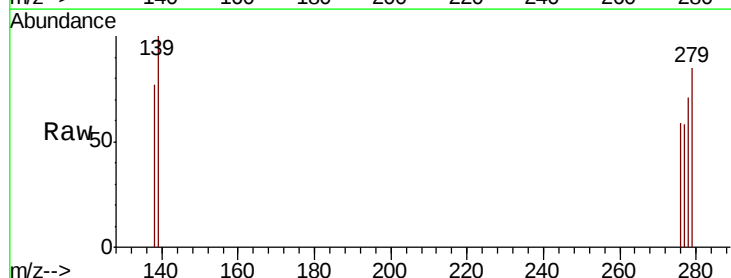
Tgt Ion:278 Resp: 15

Ion Ratio Lower Upper

278 100

139 141.2 9.5 14.3#

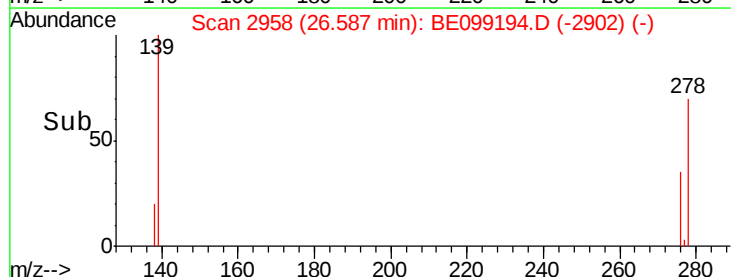
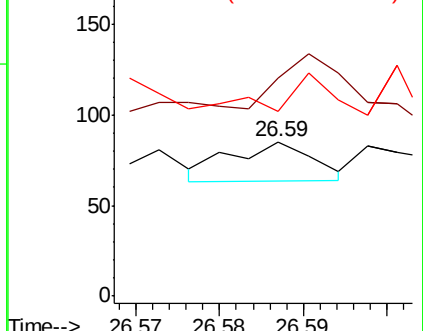
279 120.0 19.1 28.7#

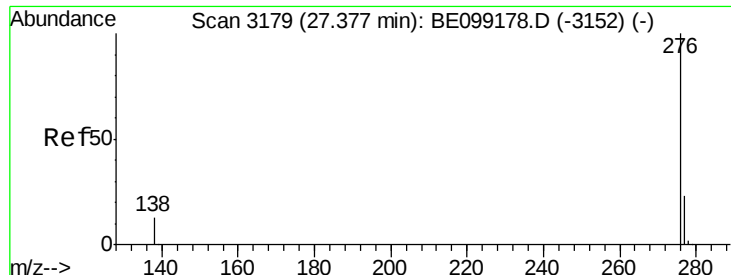


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 27.37 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BE099194.D

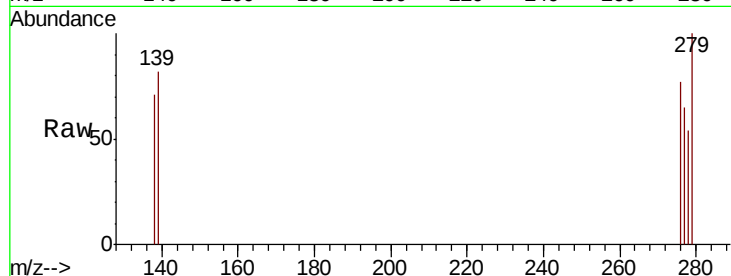
Acq: 25 Mar 2019 00:01

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319



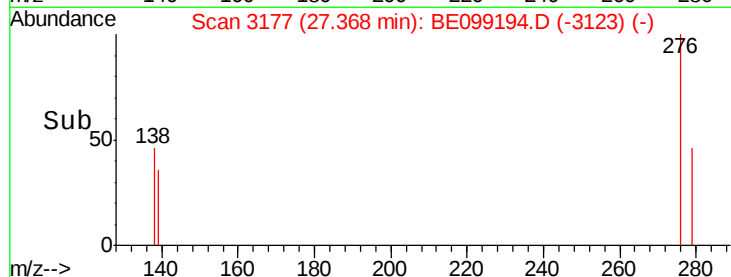
Tgt Ion: 276 Resp: 55

Ion Ratio Lower Upper

276 100

277 84.9 19.0 28.4#

138 93.0 11.1 16.7#



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

