

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
 Data File : BE099188.D
 Acq On : 25 Mar 2019 20:17
 Operator : JU/SJ
 Sample : PB118226BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118226BL

Quant Time: Mar 26 07:08:47 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	3639	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	13135	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	8841	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	29360	0.40	ng	0.00
27) Chrysene-d12	21.38	240	32942	0.40	ng	-0.01
34) Perylene-d12	23.90	264	29615	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	4027	0.37	ng	0.00
5) Phenol-d6	6.99	99	5430	0.33	ng	0.00
8) Nitrobenzene-d5	8.99	82	4035	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	9938	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	823	0.39	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	14598	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	153599	0.43	ng	0.00
29) Terphenyl-d14	19.83	244	25188	0.35	ng	0.00

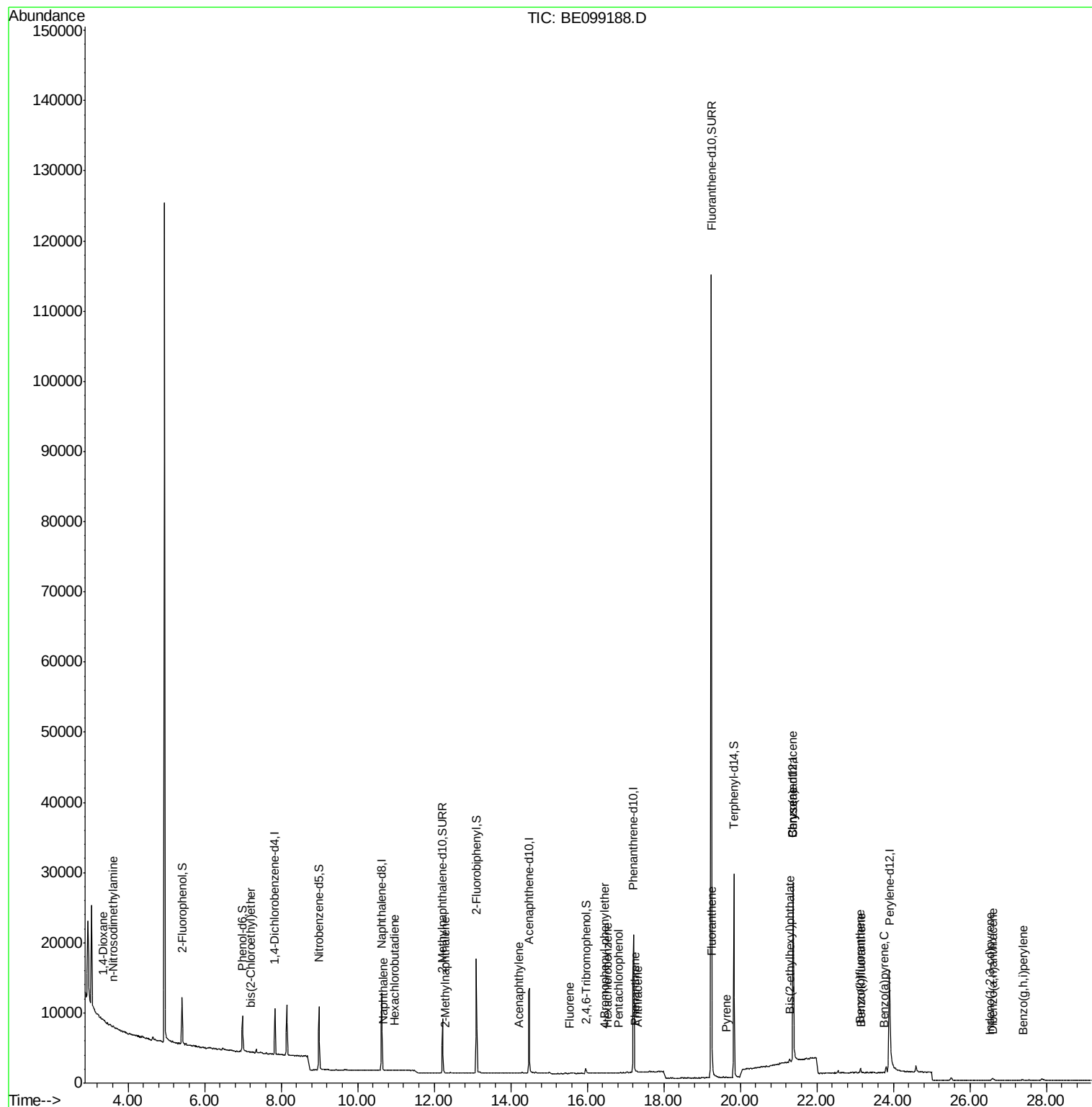
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	58	0.012	ng	# 30
3) n-Nitrosodimethylamine	3.61	42	115	0.043	ng	# 1
6) bis(2-Chloroethyl)ether	7.21	93	52	0.004	ng	# 6
9) Naphthalene	10.67	128	45	0.000	ng	# 45
10) Hexachlorobutadiene	10.97	225	6	0.001	ng	# 1
12) 2-Methylnaphthalene	12.30	142	13	0.000	ng	# 53
16) Acenaphthylene	14.21	152	52	0.001	ng	# 61
18) Fluorene	15.54	166	18	0.000	ng	# 9
20) 4-Bromophenyl-phenylether	16.45	248	16	0.001	ng	# 65
21) Hexachlorobenzene	16.52	284	22	0.001	ng	# 1
22) Pentachlorophenol	16.83	266	26	0.248	ng	89
23) Phenanthrene	17.25	178	117	0.001	ng	# 76
24) Anthracene	17.32	178	44	0.001	ng	# 1
26) Fluoranthene	19.26	202	33	0.000	ng	# 11
28) Pyrene	19.63	202	41	0.000	ng	# 25
30) Benzo(a)anthracene	21.38	228	193	0.002	ng	# 39
31) Chrysene	21.38	228	168	0.001	ng	# 46
32) Bis(2-ethylhexyl)phthalate	21.29	149	1259	0.010	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.52	276	3	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.14	252	142	0.001	ng	# 1
36) Benzo(k)fluoranthene	23.17	252	37	0.000	ng	# 1
37) Benzo(a)pyrene	23.76	252	16	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.58	278	6	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.39	276	8	0.000	ng	# 1

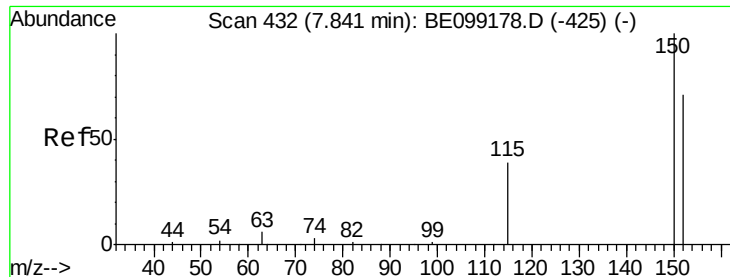
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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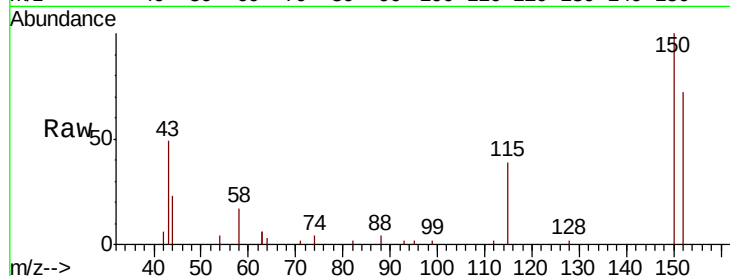


#1

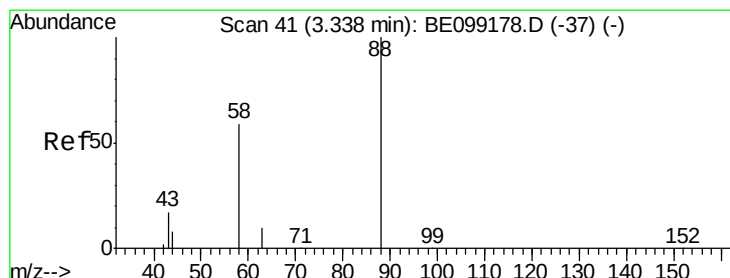
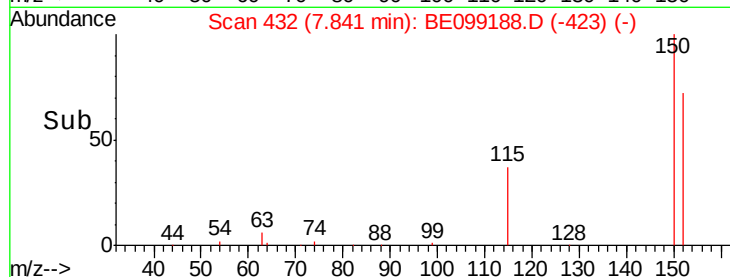
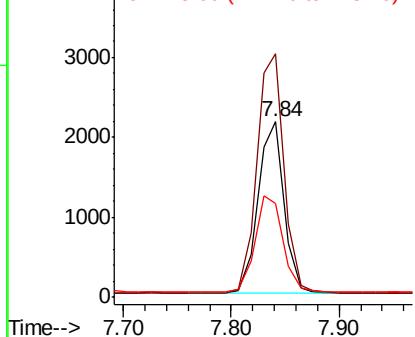
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099188.D
Acq: 25 Mar 2019 20:17

Instrument :
BNA_E
ClientSampleId :
PB118226BL

Tgt Ion: 152 Resp: 3639
Ion Ratio Lower Upper
152 100
150 138.6 112.8 169.2
115 53.4 45.1 67.7



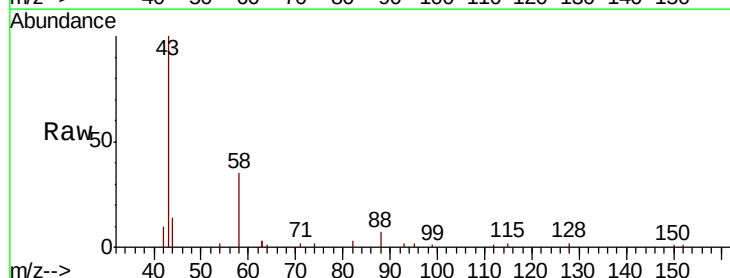
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



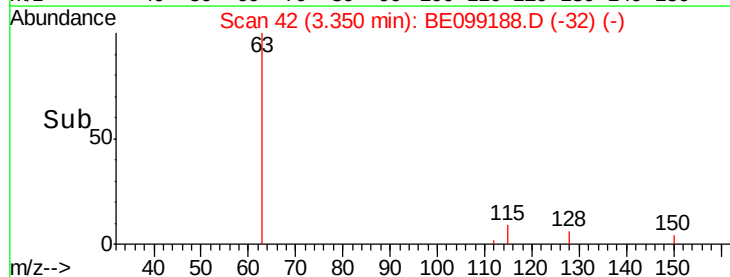
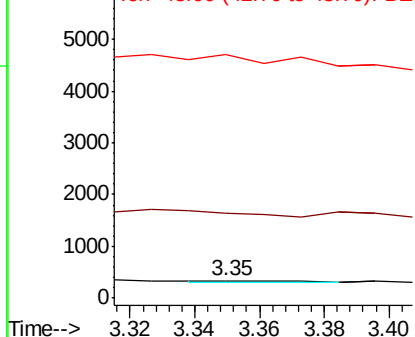
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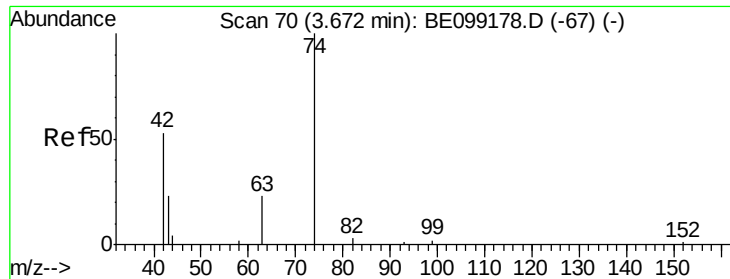
1,4-Dioxane
Concen: 0.012 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE099188.D
Acq: 25 Mar 2019 20:17

Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
58 0.0 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: 0.043 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.06 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

Instrument :

BNA_E

ClientSampleId :

PB118226BL

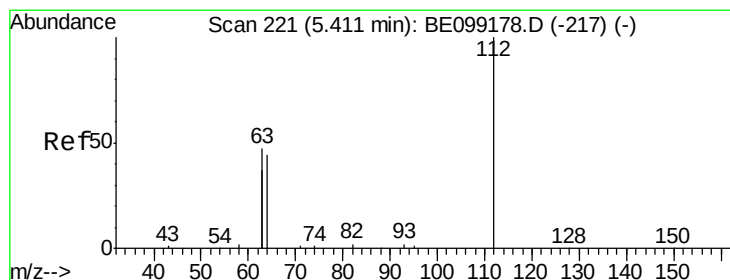
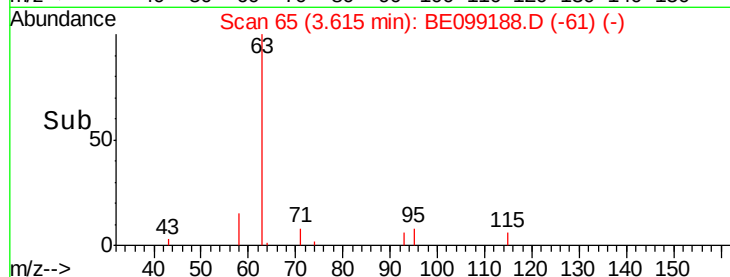
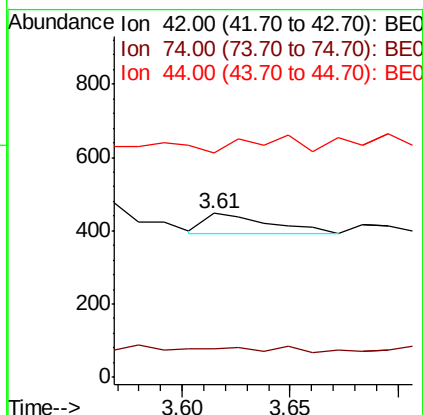
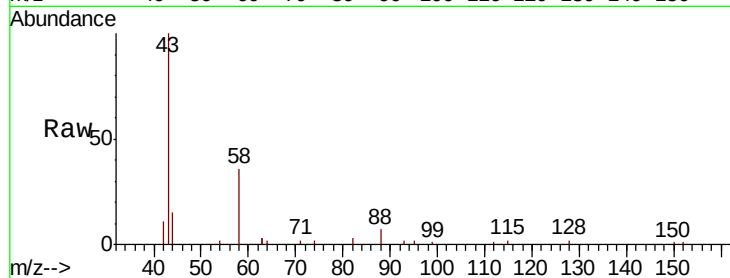
Tgt Ion: 42 Resp: 115

Ion Ratio Lower Upper

42 100

74 0.0 138.6 207.8#

44 0.0 15.0 22.6#



#4

2-Fluorophenol

Concen: 0.371 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

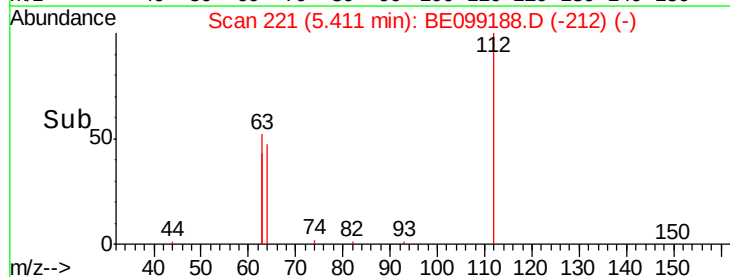
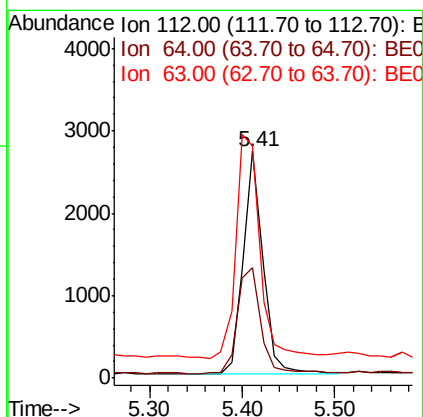
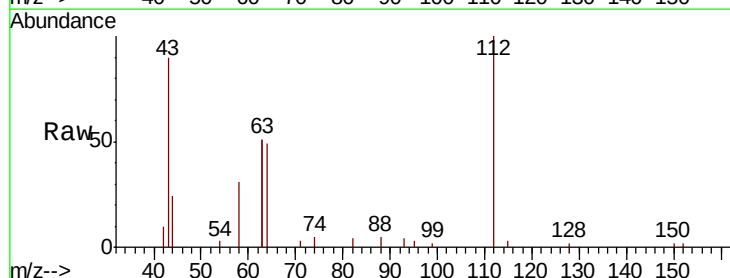
Tgt Ion: 112 Resp: 4027

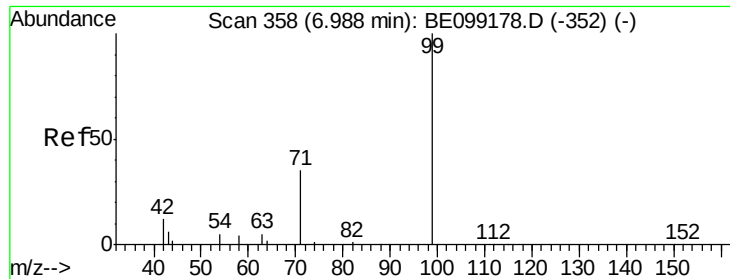
Ion Ratio Lower Upper

112 100

64 56.1 46.2 69.2

63 120.7 89.9 134.9





#5

Phenol-d6

Concen: 0.327 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

Instrument :

BNA_E

ClientSampleId :

PB118226BL

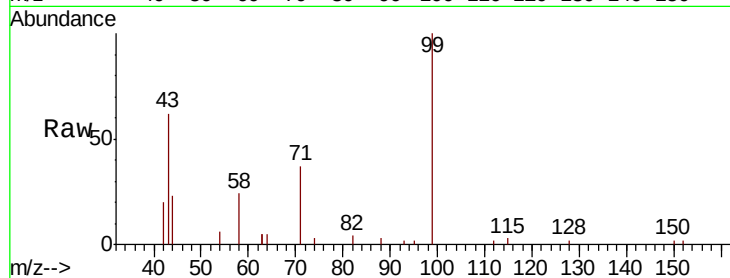
Tgt Ion: 99 Resp: 5430

Ion Ratio Lower Upper

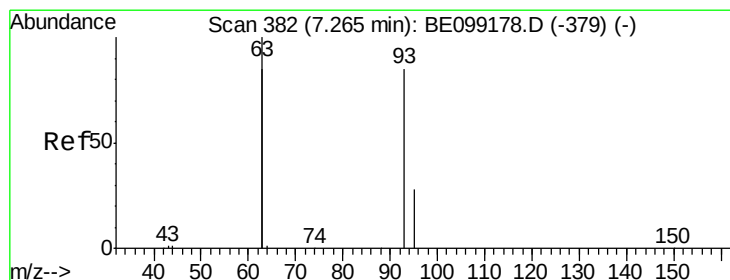
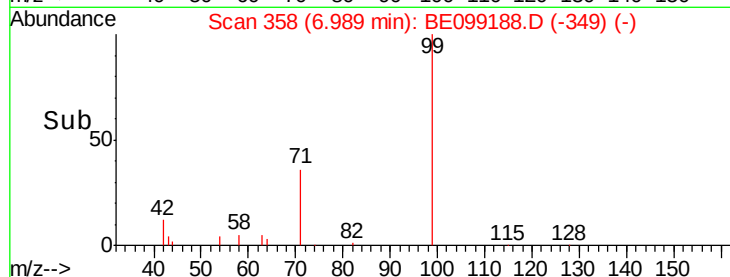
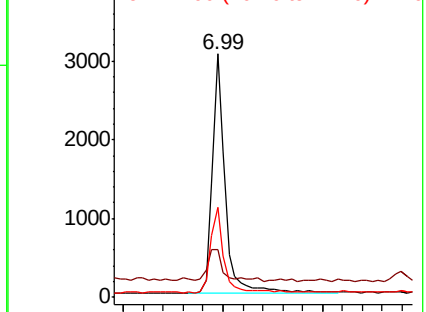
99 100

42 15.9 12.4 18.6

71 35.4 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: 0.004 ng

RT: 7.21 min Scan# 377

Delta R.T. -0.06 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

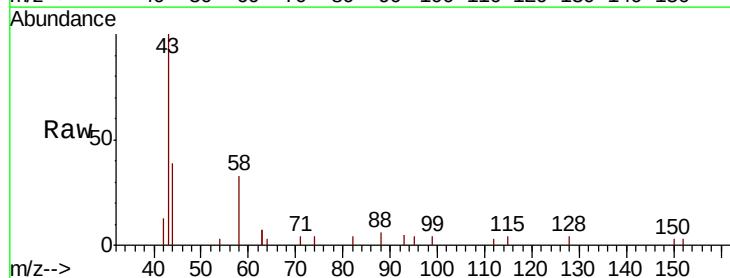
Tgt Ion: 93 Resp: 52

Ion Ratio Lower Upper

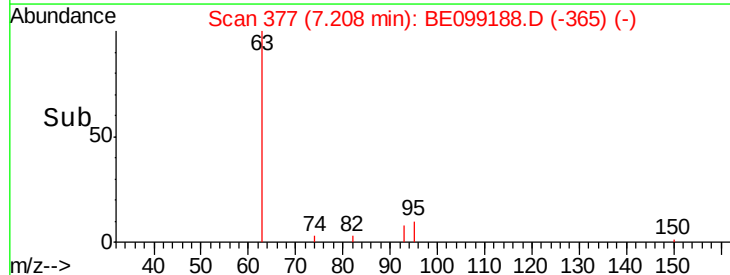
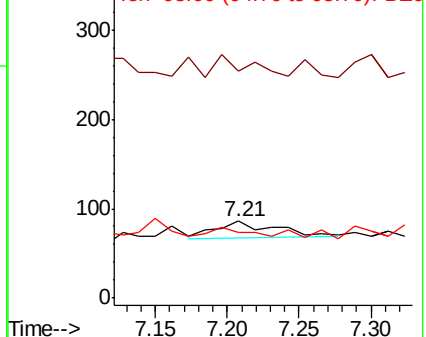
93 100

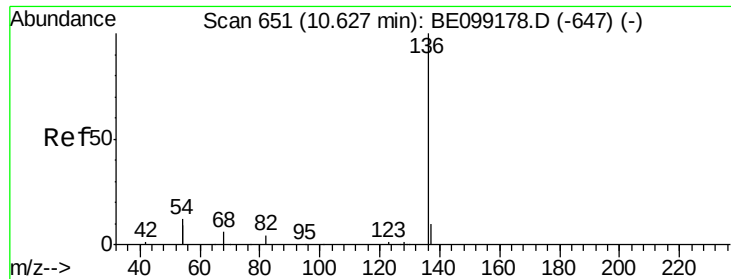
63 82.7 221.4 332.0#

95 28.8 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# 651

Delta R.T. 0.00 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

Instrument :

BNA_E

ClientSampleId :

PB118226BL

Tgt Ion: 136 Resp: 13135

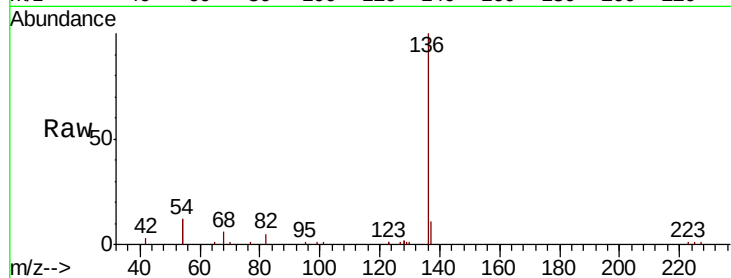
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 23.5 18.7 28.1

68 6.4 5.2 7.8

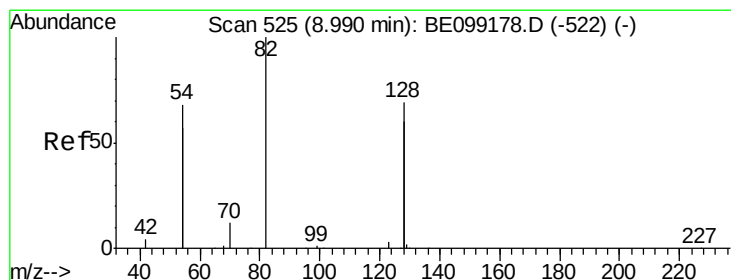
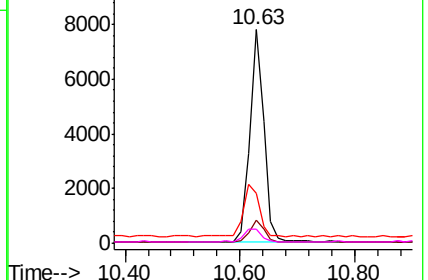
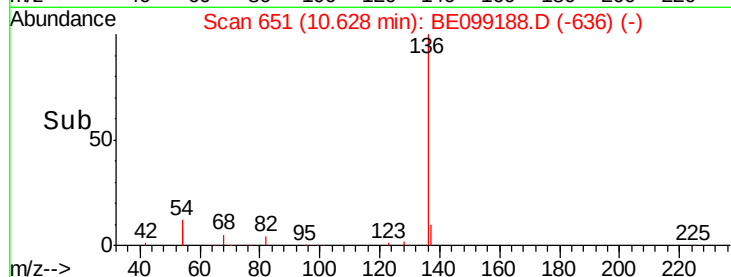


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.376 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

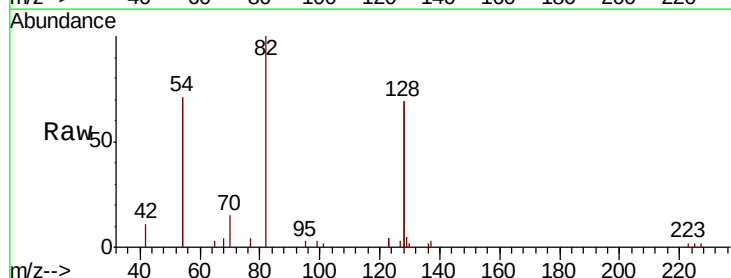
Tgt Ion: 82 Resp: 4035

Ion Ratio Lower Upper

82 100

128 137.9 107.5 161.3

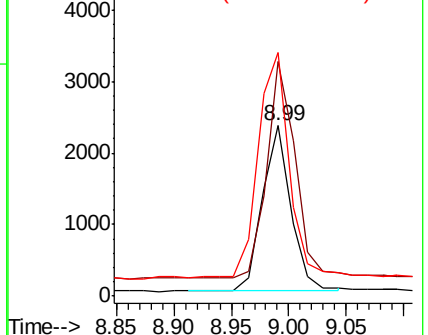
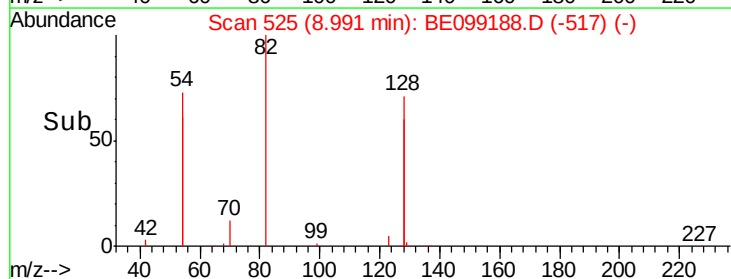
54 142.8 106.3 159.5

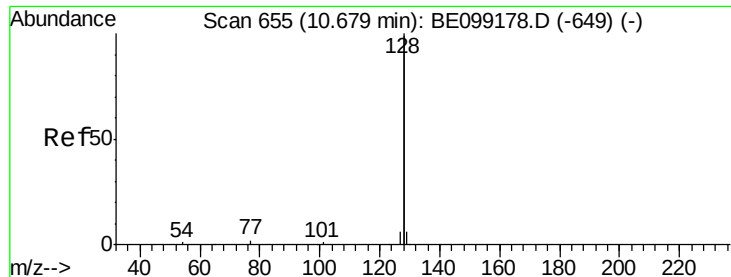


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

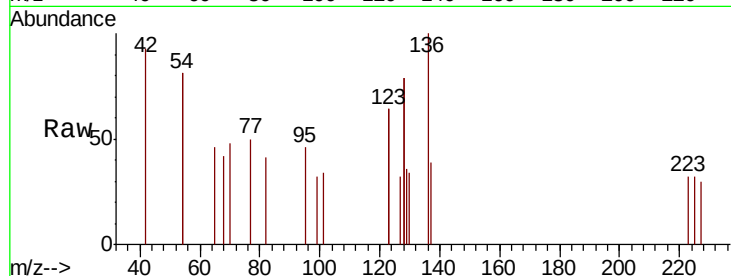




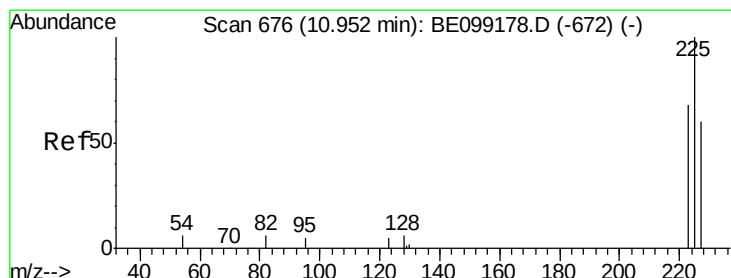
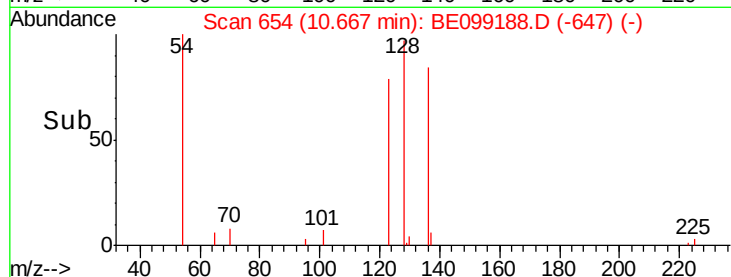
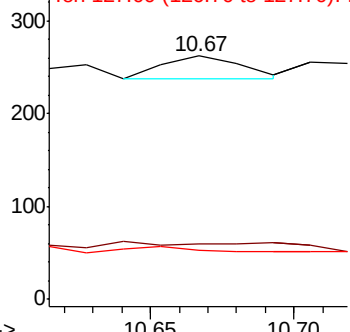
#9
Naphthalene
Concen: 0.000 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.01 min
Lab File: BE099188.D
Acq: 25 Mar 2019 20:17

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion:128 Resp: 45
Ion Ratio Lower Upper
128 100
129 22.5 2.3 3.5#
127 20.2 2.6 3.8#

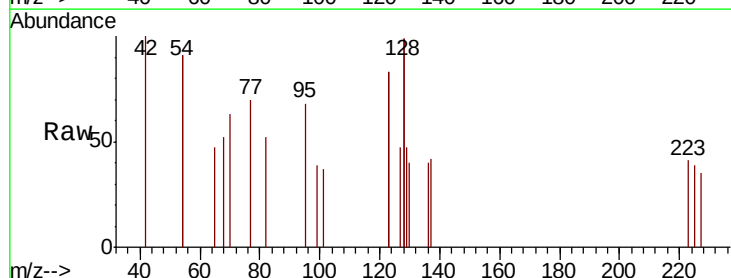


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

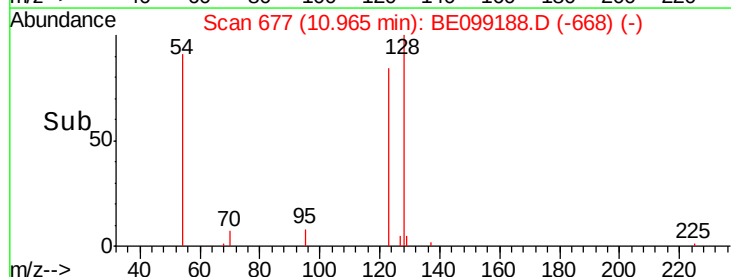
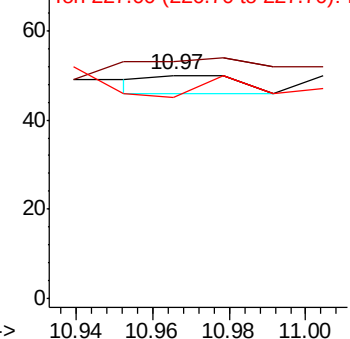


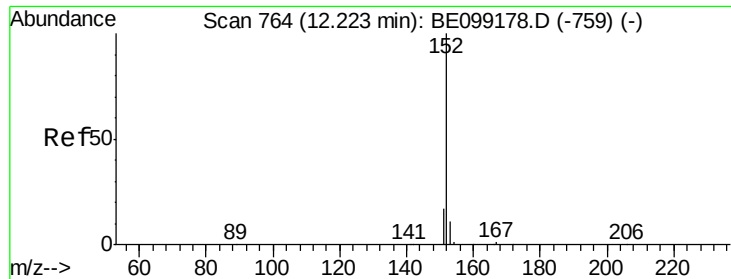
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.97 min Scan# 677
Delta R.T. 0.01 min
Lab File: BE099188.D
Acq: 25 Mar 2019 20:17

Tgt Ion:225 Resp: 6
Ion Ratio Lower Upper
225 100
223 200.0 51.3 76.9#
227 83.3 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

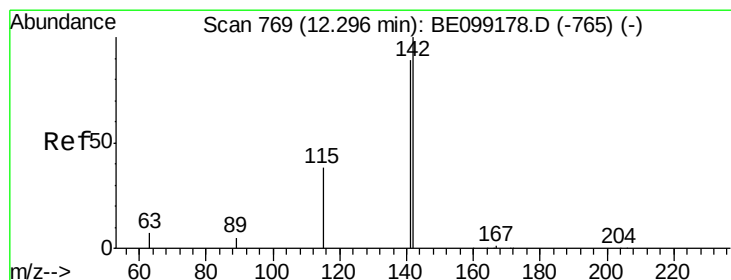
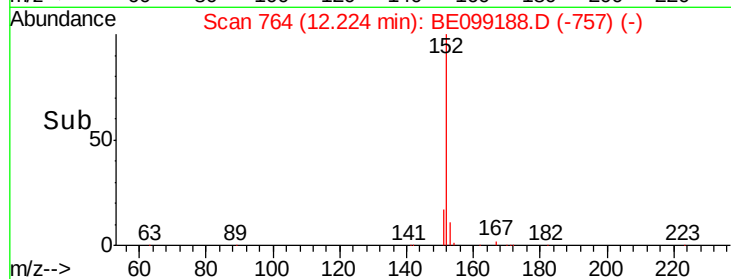
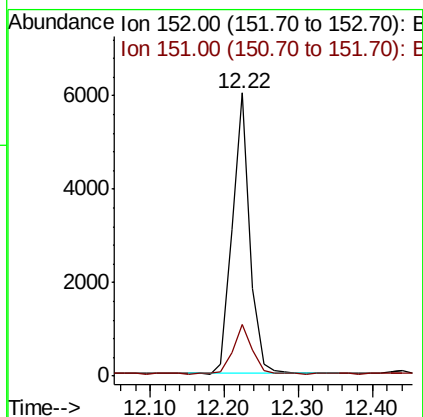
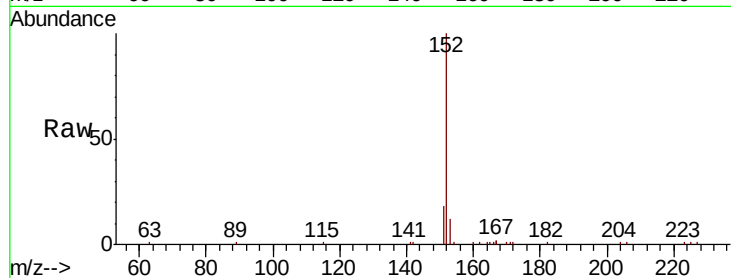




#11
 2-Methylnaphthalene-d10
 Concen: 0.393 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099188.D
 Acq: 25 Mar 2019 20:17

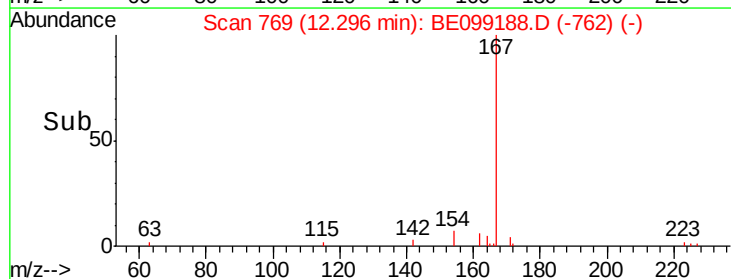
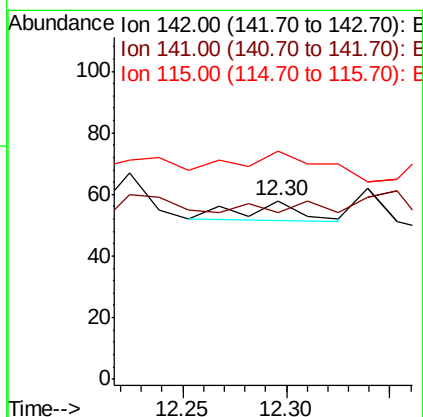
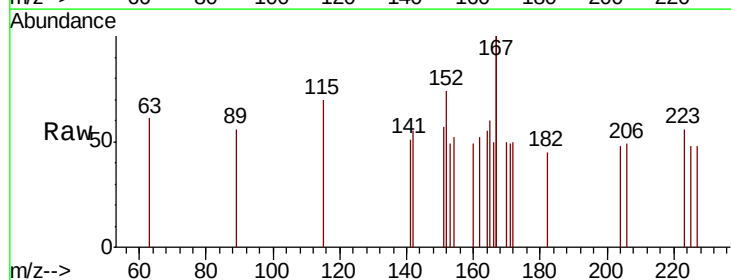
Instrument :
 BNA_E
 ClientSampleId :
 PB118226BL

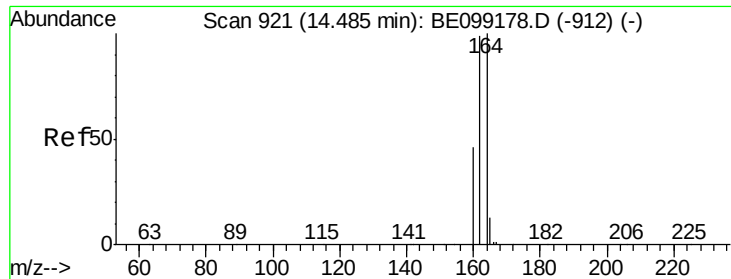
Tgt Ion:152 Resp: 9938
 Ion Ratio Lower Upper
 152 100
 151 18.5 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.000 ng
 RT: 12.30 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BE099188.D
 Acq: 25 Mar 2019 20:17

Tgt Ion:142 Resp: 13
 Ion Ratio Lower Upper
 142 100
 141 93.1 71.3 106.9
 115 127.6 30.4 45.6#

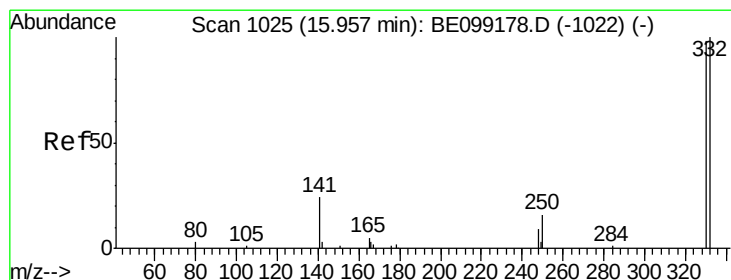
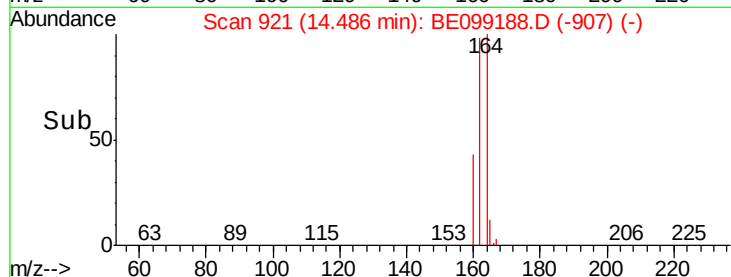
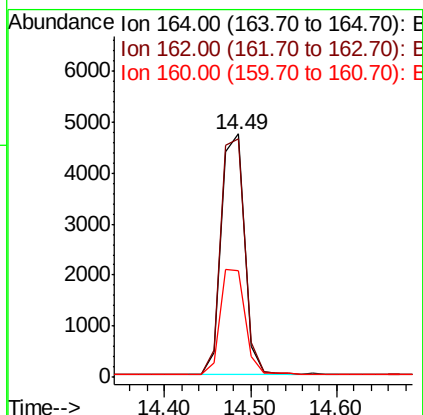
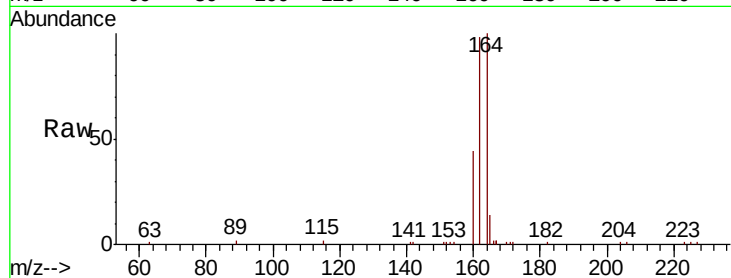




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE099188.D
 Acq: 25 Mar 2019 20:17

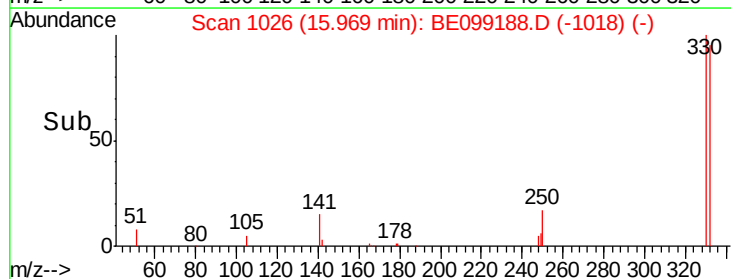
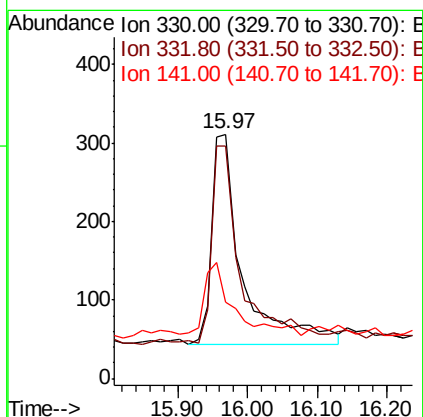
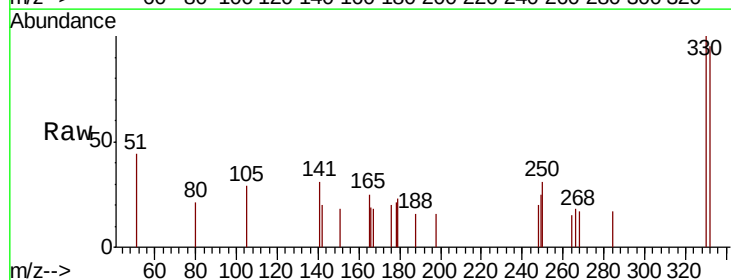
Instrument :
 BNA_E
 ClientSampleId :
 PB118226BL

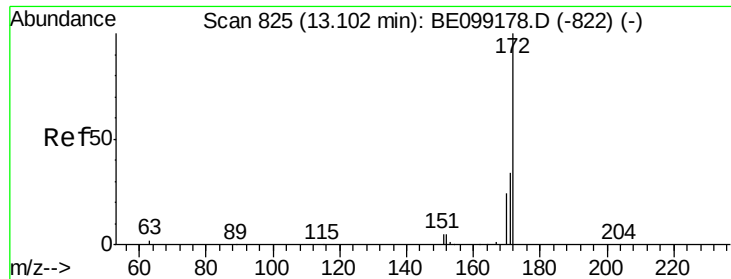
Tgt Ion:164 Resp: 8841
 Ion Ratio Lower Upper
 164 100
 162 98.2 79.2 118.8
 160 44.0 36.7 55.1



#14
 2,4,6-Tribromophenol
 Concen: 0.394 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.01 min
 Lab File: BE099188.D
 Acq: 25 Mar 2019 20:17

Tgt Ion:330 Resp: 823
 Ion Ratio Lower Upper
 330 100
 332 88.9 71.3 106.9
 141 33.9 21.7 32.5#

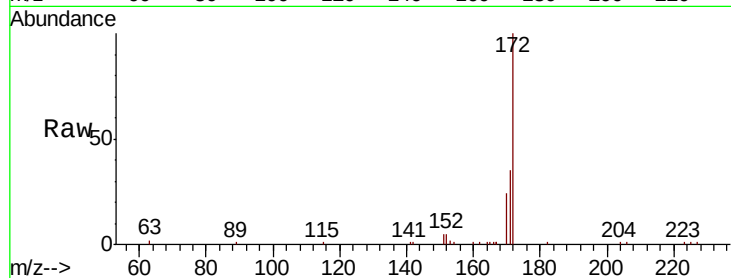




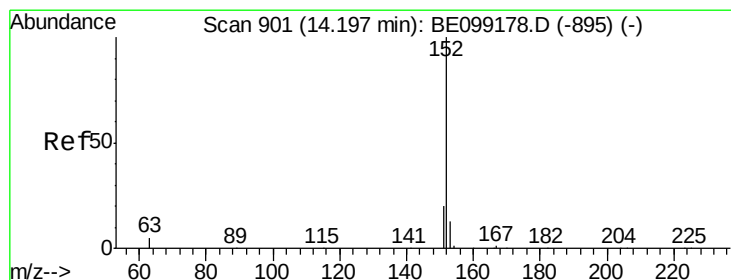
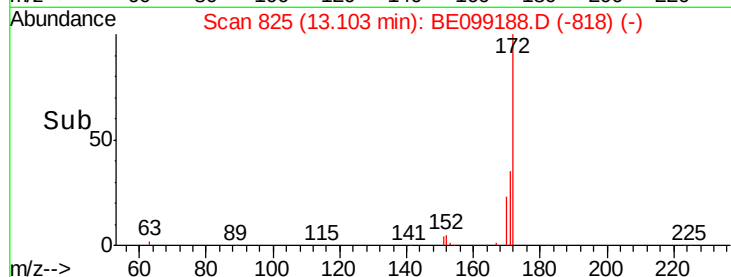
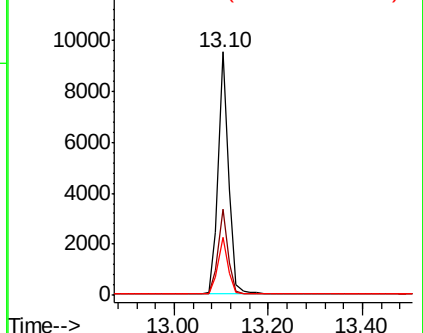
#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099188.D
Acq: 25 Mar 2019 20:17

Instrument :
BNA_E
ClientSampleId :
PB118226BL

Tgt Ion:172 Resp: 14598
Ion Ratio Lower Upper
172 100
171 35.4 27.4 41.0
170 23.6 19.1 28.7

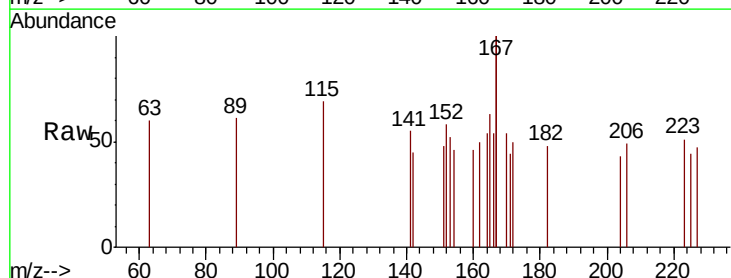


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

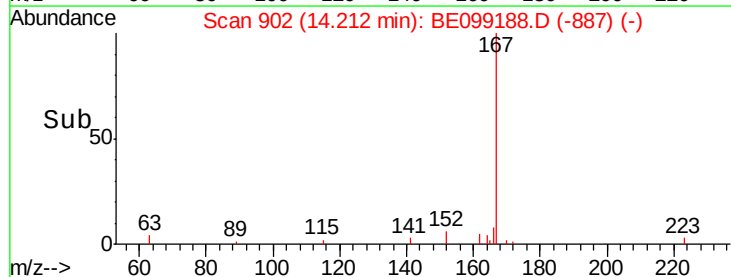
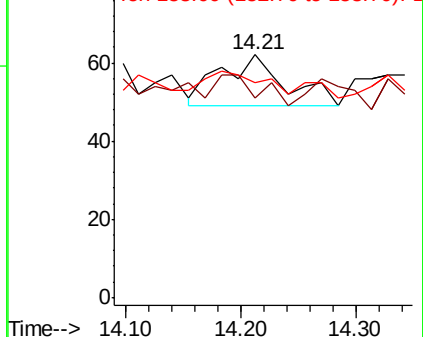


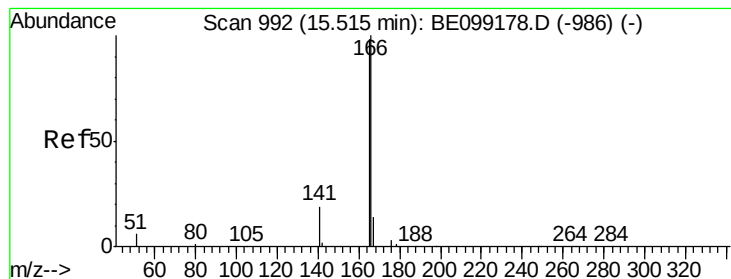
#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE099188.D
Acq: 25 Mar 2019 20:17

Tgt Ion:152 Resp: 52
Ion Ratio Lower Upper
152 100
151 0.0 15.7 23.5#
153 0.0 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





#18

Fluorene

Concen: 0.000 ng

RT: 15.54 min Scan# 994

Delta R.T. 0.03 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

Instrument :

BNA_E

ClientSampleId :

PB118226BL

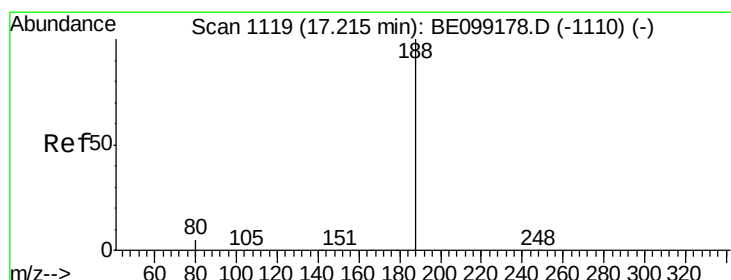
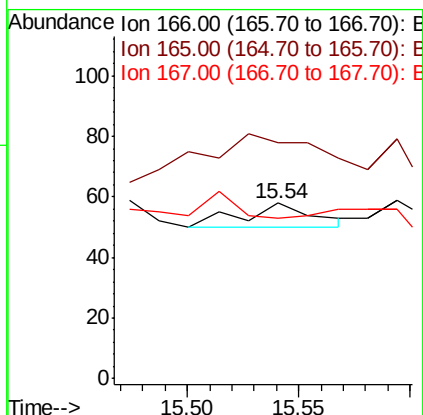
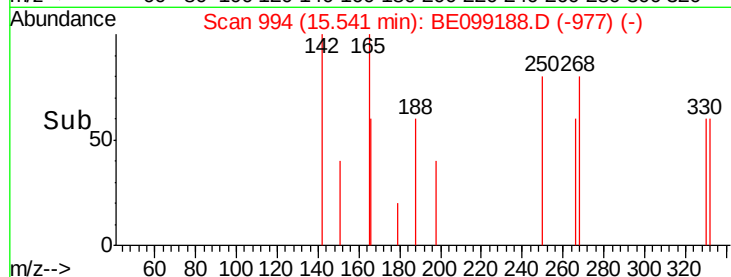
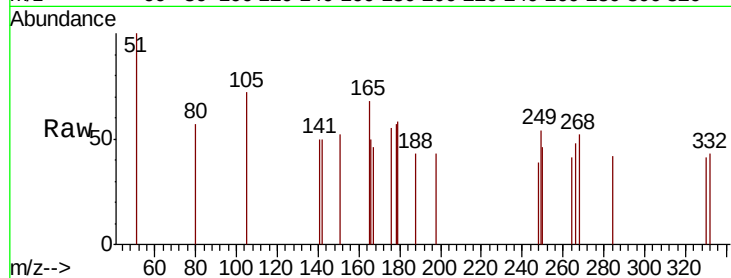
Tgt Ion:166 Resp: 18

Ion Ratio Lower Upper

166 100

165 0.0 78.9 118.3#

167 0.0 10.9 16.3#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

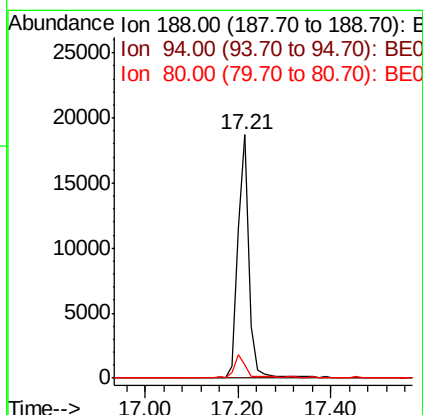
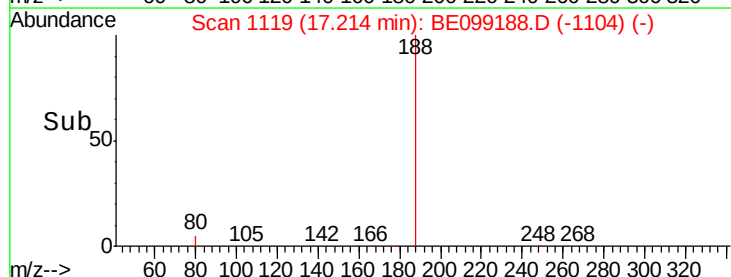
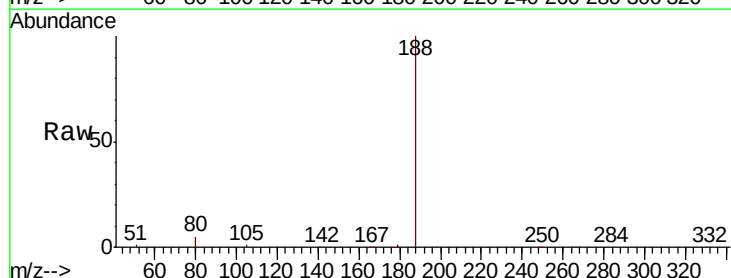
Tgt Ion:188 Resp: 29360

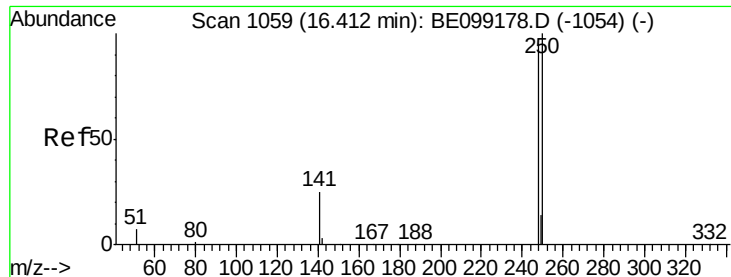
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.2 4.5 6.7

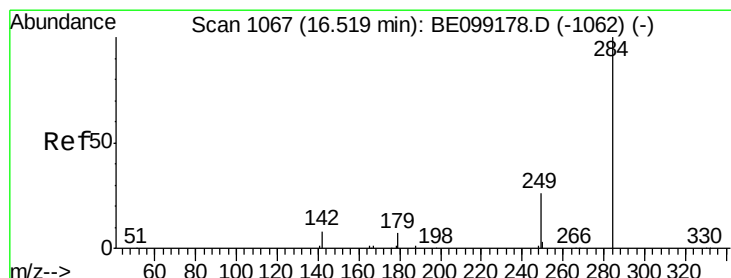
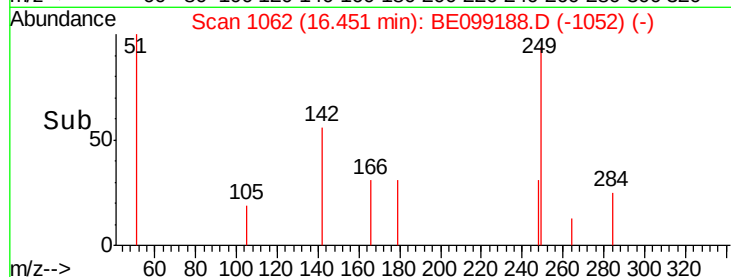
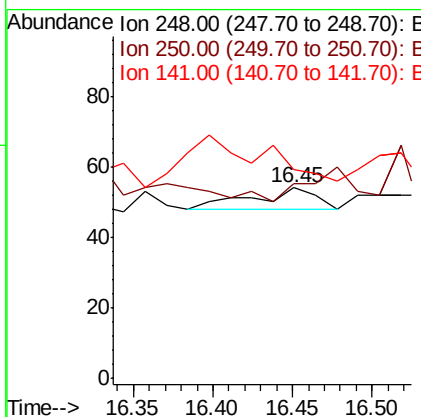
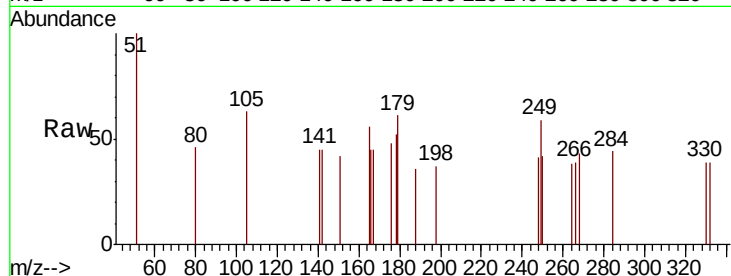




#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.45 min Scan# 1062
Delta R.T. 0.04 min
Lab File: BE099188.D
Acq: 25 Mar 2019 20:17

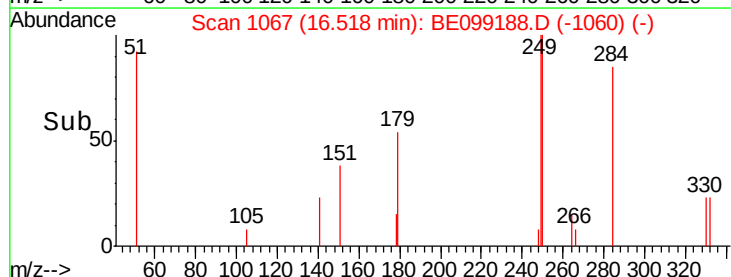
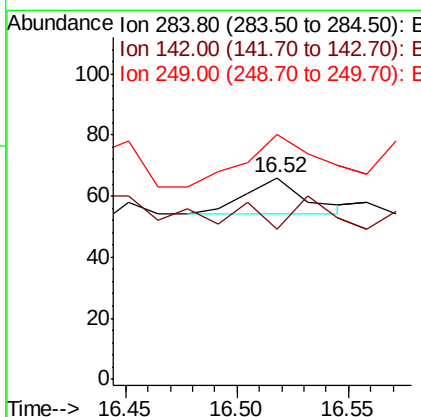
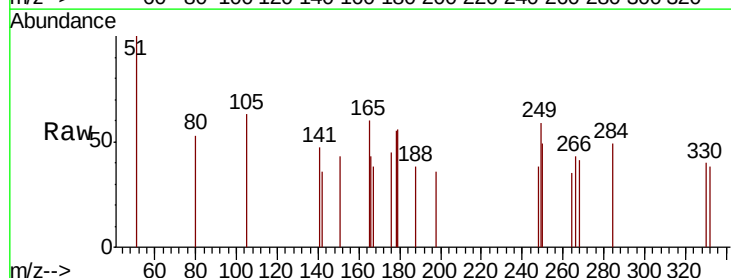
Instrument :
BNA_E
ClientSampleId :
PB118226BL

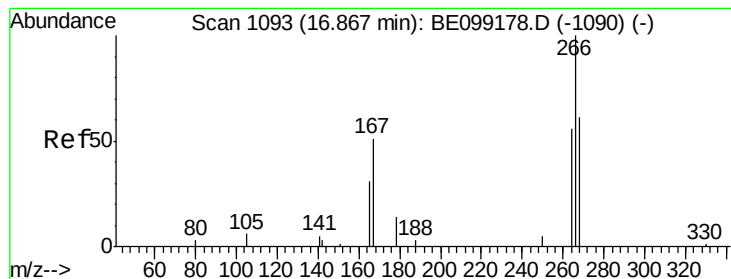
Tgt Ion: 248 Resp: 16
Ion Ratio Lower Upper
248 100
250 101.9 84.2 126.2
141 109.3 21.8 32.6#



#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099188.D
Acq: 25 Mar 2019 20:17

Tgt Ion: 284 Resp: 22
Ion Ratio Lower Upper
284 100
142 31.8 22.7 34.1
249 190.9 26.9 40.3#





#22

Pentachlorophenol

Concen: 0.248 ng

RT: 16.83 min Scan# 1090

Delta R.T. -0.04 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

Instrument :

BNA_E

ClientSampleId :

PB118226BL

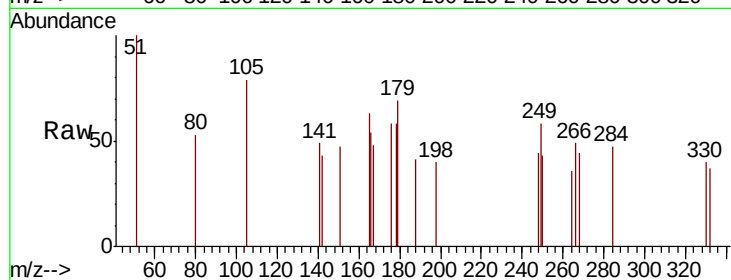
Tgt Ion: 266 Resp: 26

Ion Ratio Lower Upper

266 100

264 72.6 54.4 81.6

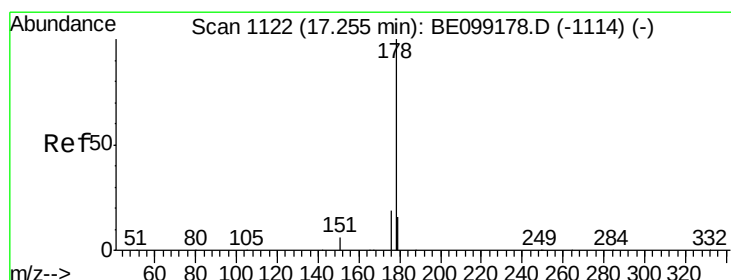
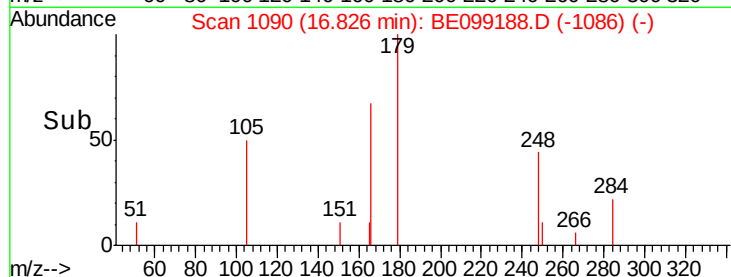
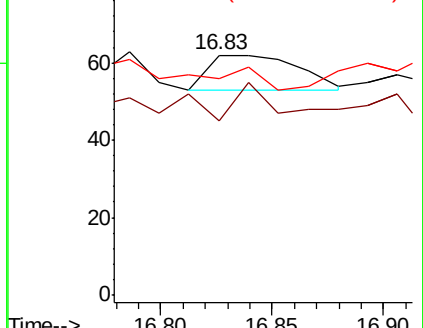
268 90.3 61.3 91.9



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: 0.001 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

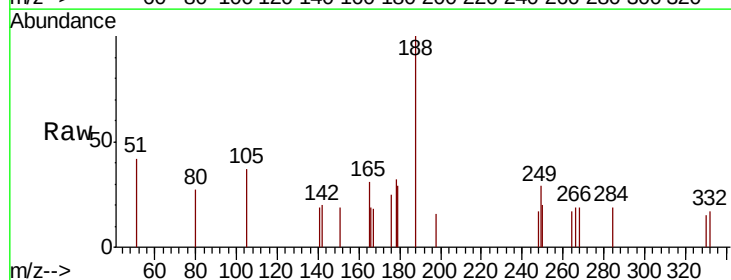
Tgt Ion: 178 Resp: 117

Ion Ratio Lower Upper

178 100

176 12.8 15.4 23.2#

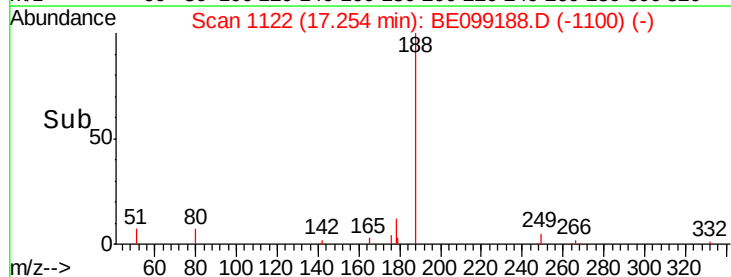
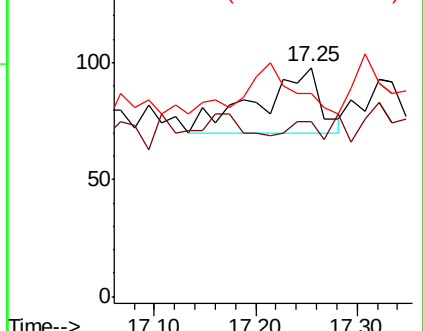
179 0.0 12.3 18.5#

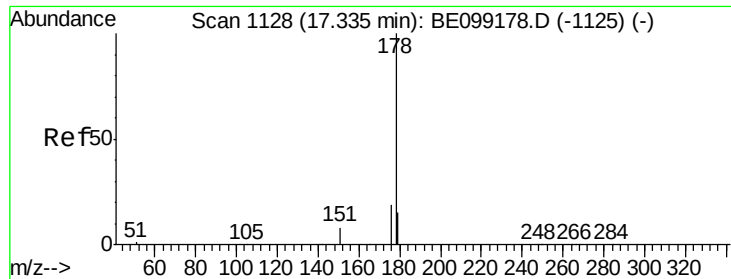


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.001 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

Instrument :

BNA_E

ClientSampleId :

PB118226BL

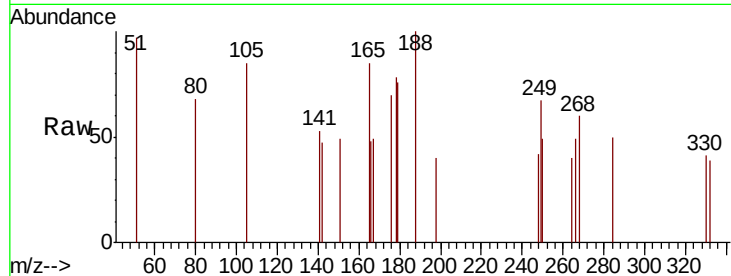
Tgt Ion:178 Resp: 44

Ion Ratio Lower Upper

178 100

176 106.8 15.1 22.7#

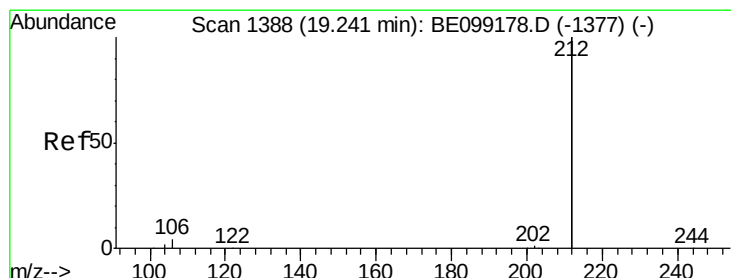
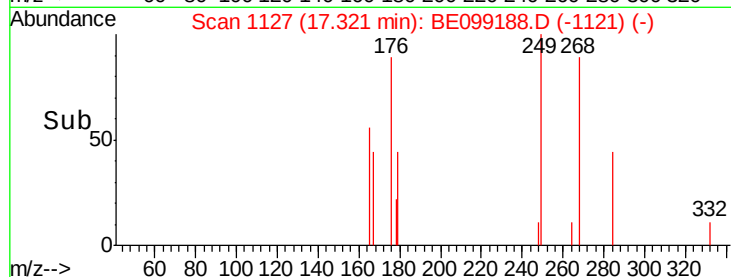
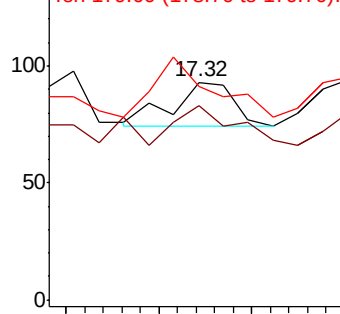
179 125.0 12.4 18.6#



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



#25

Fluoranthene-d10

Concen: 0.432 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

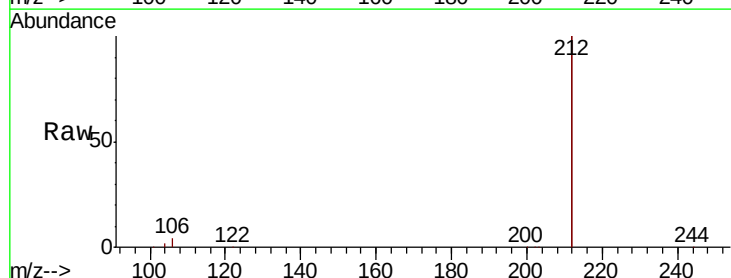
Tgt Ion:212 Resp: 153599

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

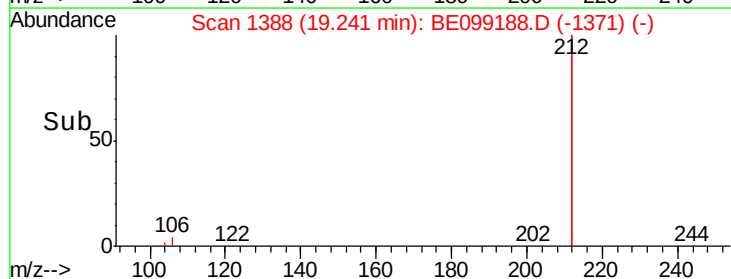
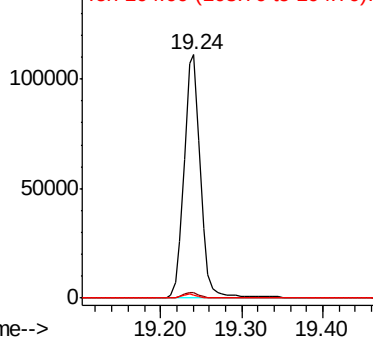
104 1.3 1.1 1.7

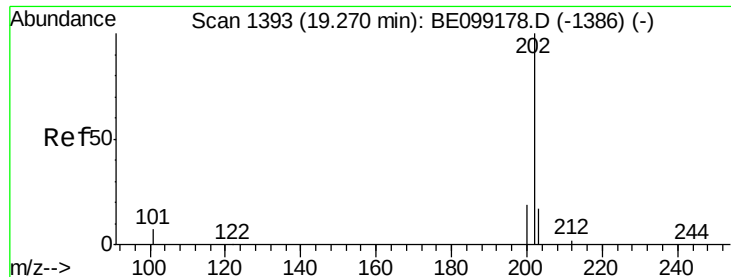


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

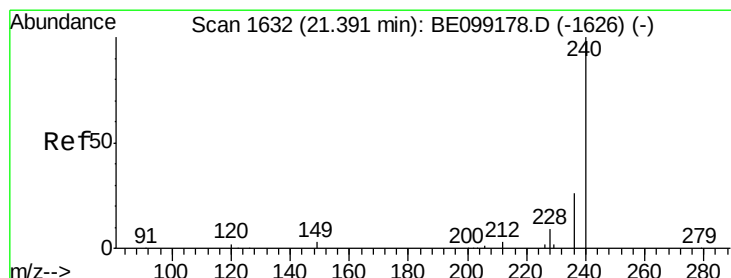
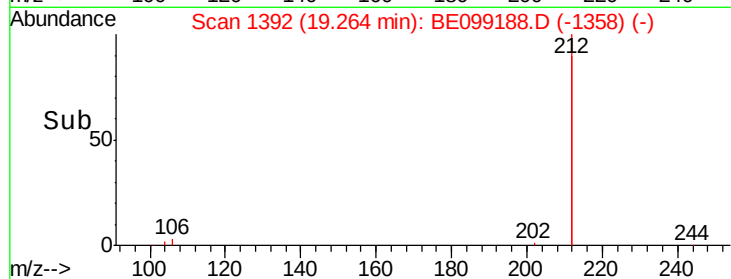
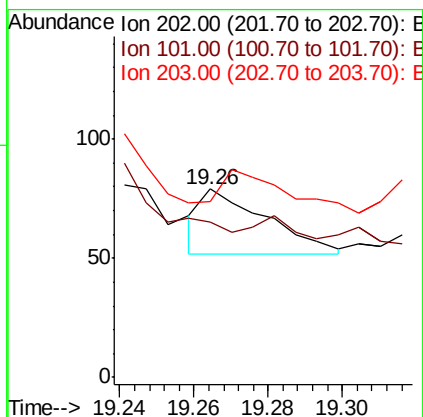
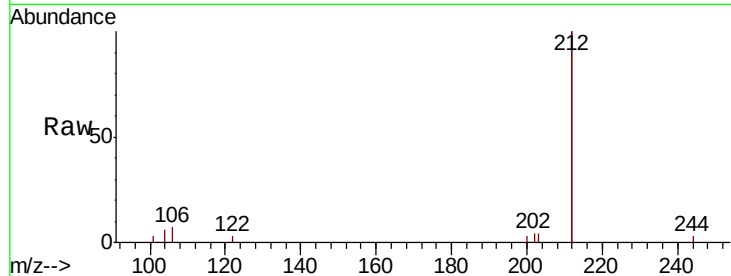




#26
Fluoranthene
Concen: 0.000 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099188.D
Acq: 25 Mar 2019 20:17

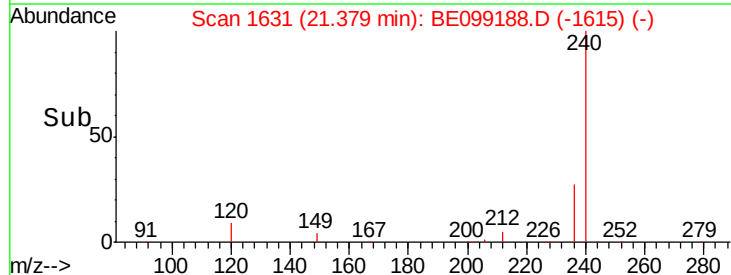
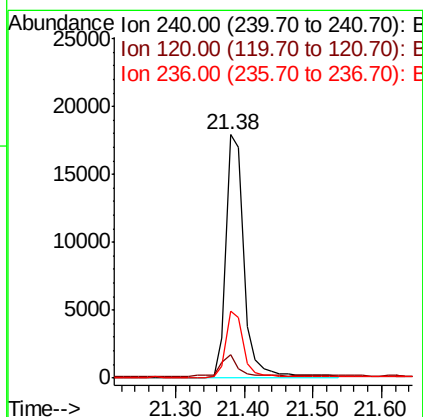
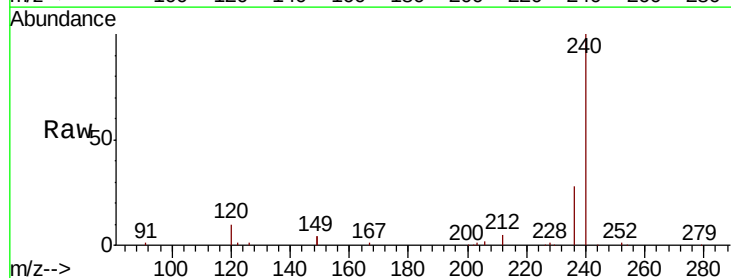
Instrument :
BNA_E
ClientSampleId :
PB118226BL

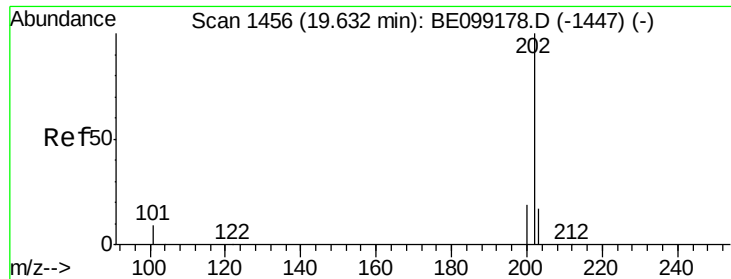
Tgt Ion: 202 Resp: 33
Ion Ratio Lower Upper
202 100
101 18.2 7.0 10.4#
203 69.7 13.8 20.6#



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099188.D
Acq: 25 Mar 2019 20:17

Tgt Ion: 240 Resp: 32942
Ion Ratio Lower Upper
240 100
120 9.7 2.6 3.8#
236 27.7 20.9 31.3





#28

Pyrene

Concen: 0.000 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

Instrument :

BNA_E

ClientSampleId :

PB118226BL

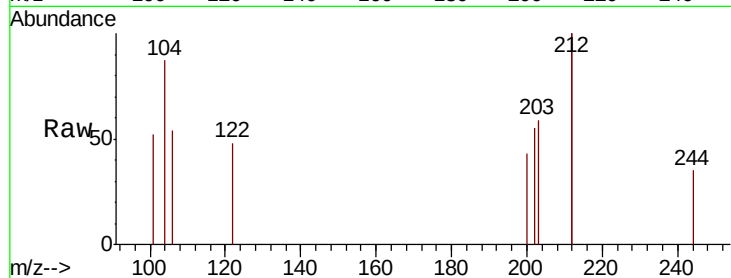
Tgt Ion: 202 Resp: 41

Ion Ratio Lower Upper

202 100

200 53.7 15.8 23.8#

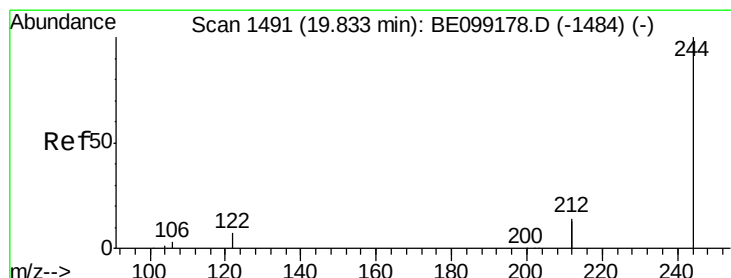
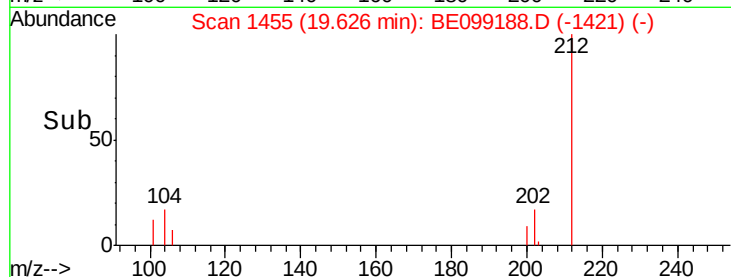
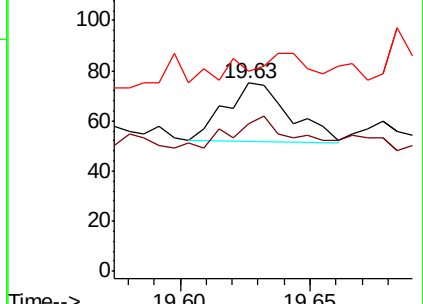
203 51.2 14.1 21.1#



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: 0.352 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

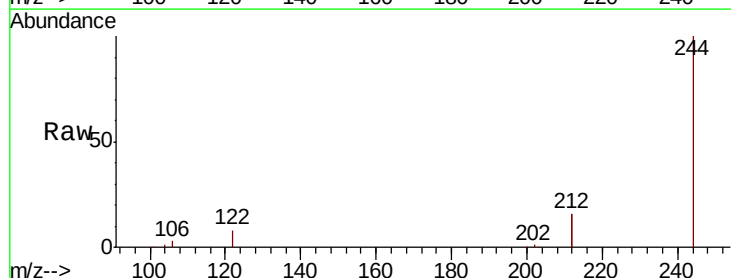
Tgt Ion: 244 Resp: 25188

Ion Ratio Lower Upper

244 100

212 31.7 22.7 34.1

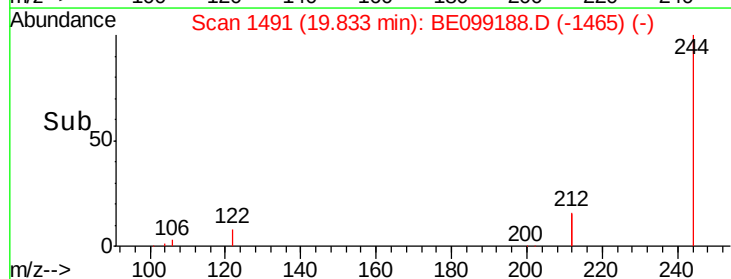
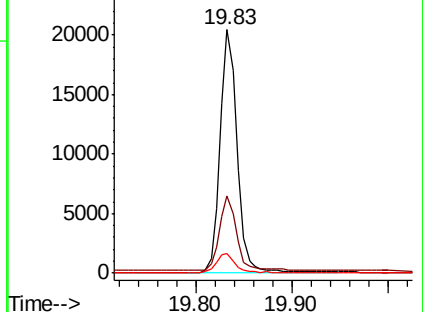
122 8.1 5.8 8.6

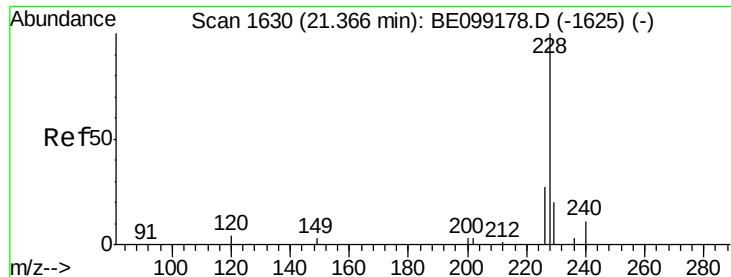


Abundance Ion 244.00 (243.70 to 244.70): E

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: 21.38 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

Instrument :

BNA_E

ClientSampleId :

PB118226BL

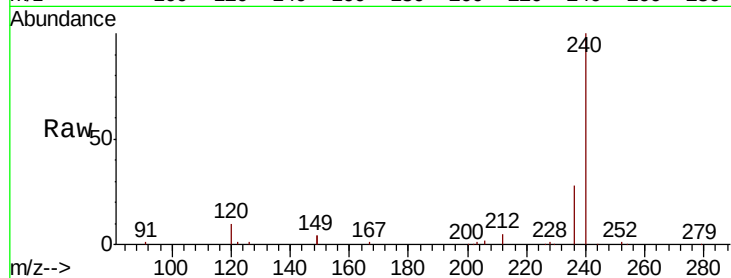
Tgt Ion:228 Resp: 193

Ion Ratio Lower Upper

228 100

226 50.4 21.7 32.5#

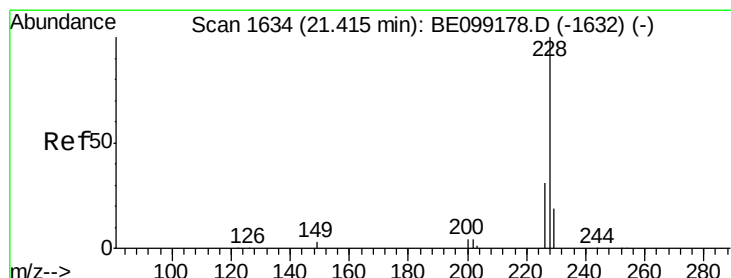
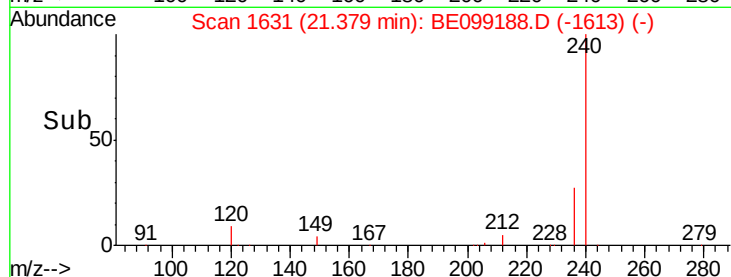
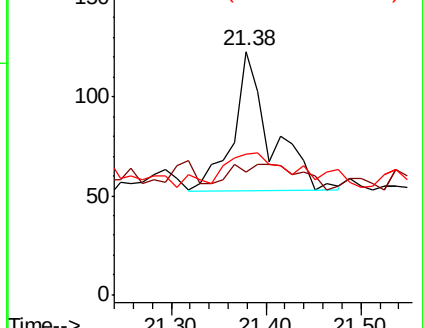
229 57.7 15.9 23.9#



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: 21.38 min Scan# 1631

Delta R.T. -0.04 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

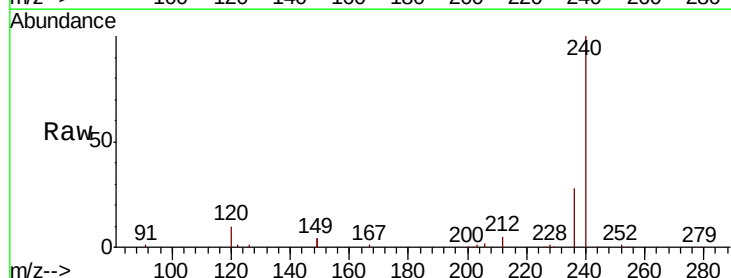
Tgt Ion:228 Resp: 168

Ion Ratio Lower Upper

228 100

226 50.4 24.8 37.2#

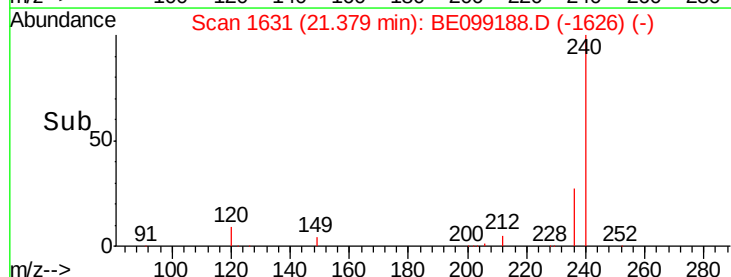
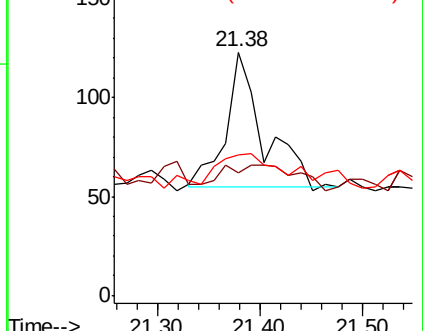
229 57.7 15.4 23.0#

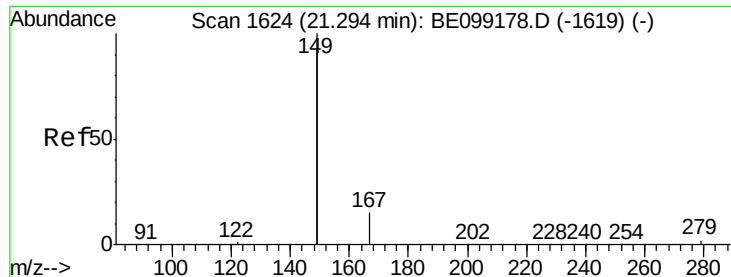


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.010 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

Instrument :

BNA_E

ClientSampleId :

PB118226BL

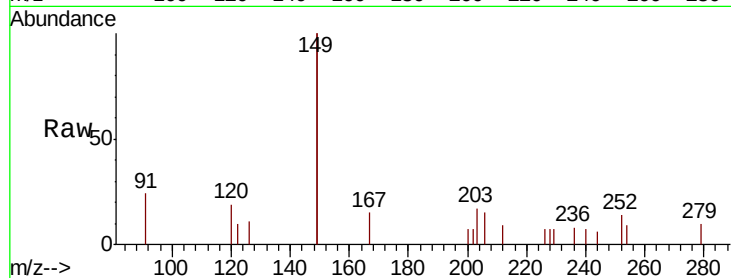
Tgt Ion:149 Resp: 1259

Ion Ratio Lower Upper

149 100

167 6.0 5.9 8.9

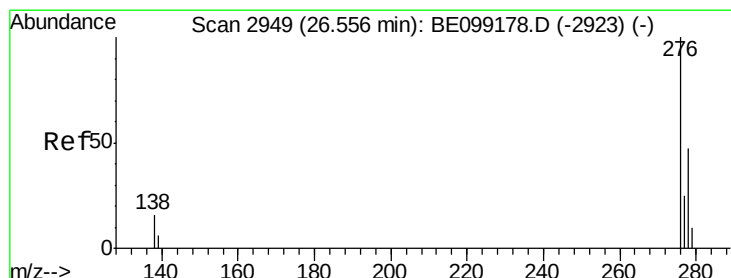
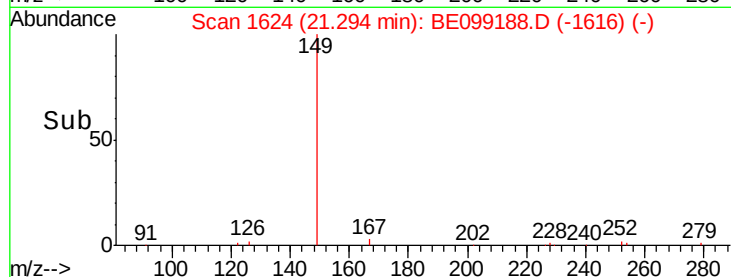
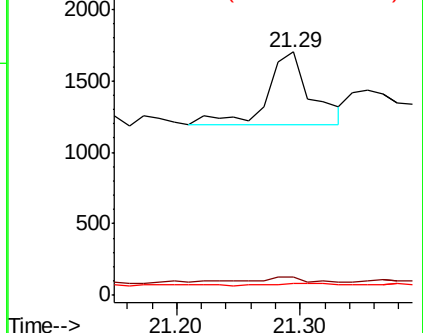
279 0.0 1.0 1.6#



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# 2940

Delta R.T. -0.03 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

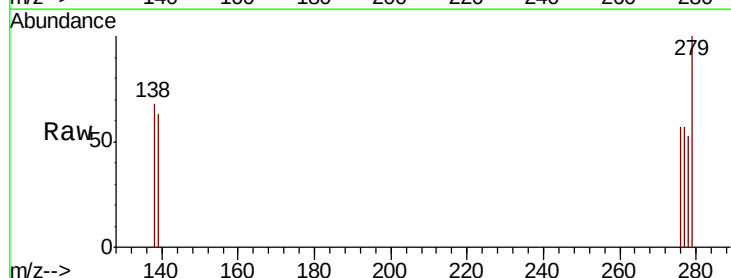
Tgt Ion:276 Resp: 3

Ion Ratio Lower Upper

276 100

138 266.7 12.9 19.3#

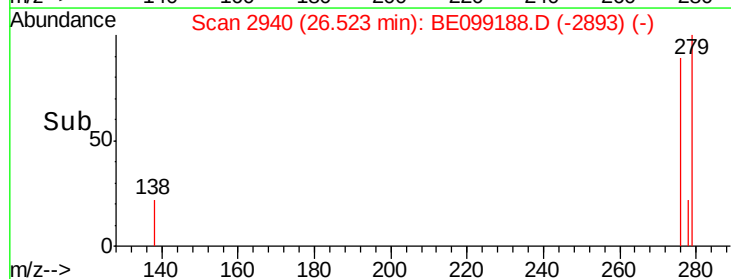
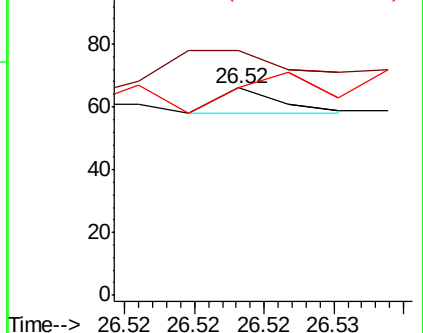
277 333.3 18.3 27.5#

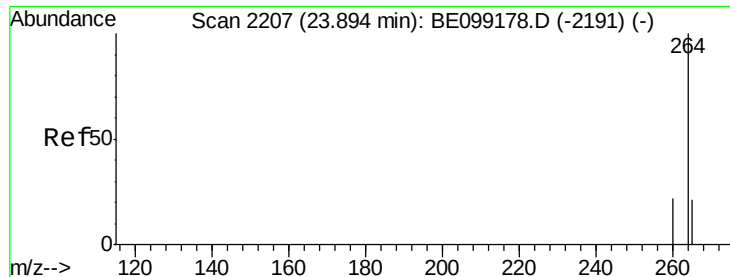


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

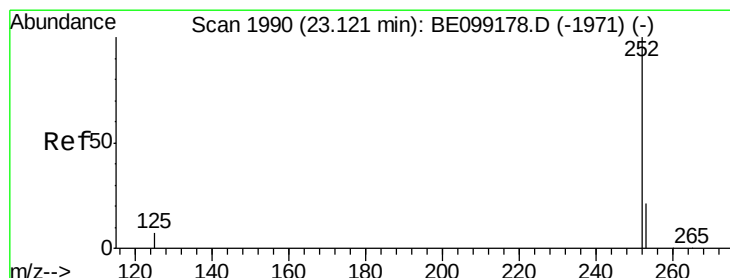
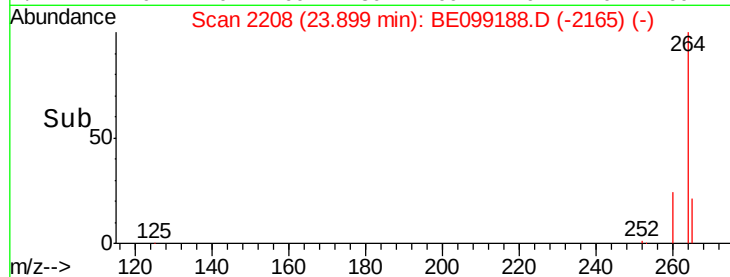
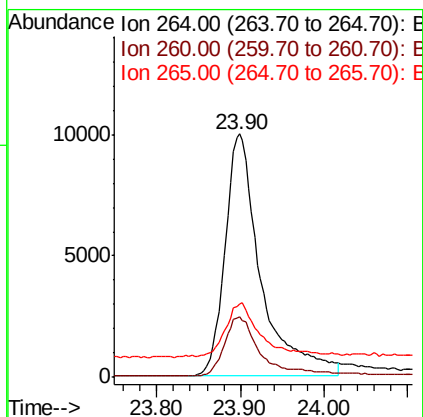
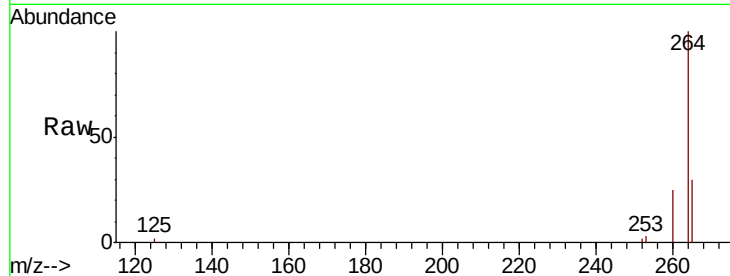




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE099188.D
 Acq: 25 Mar 2019 20:17

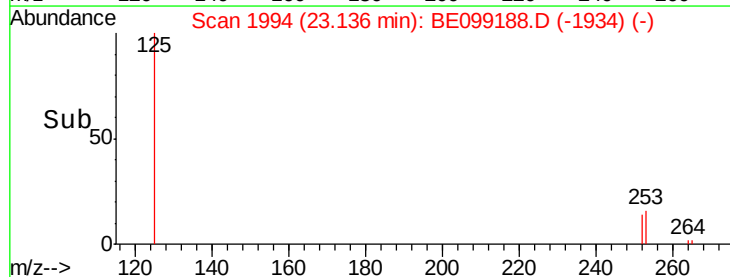
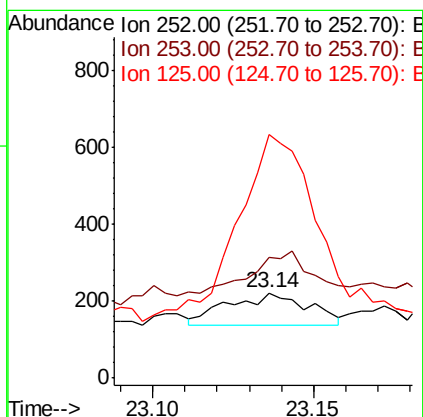
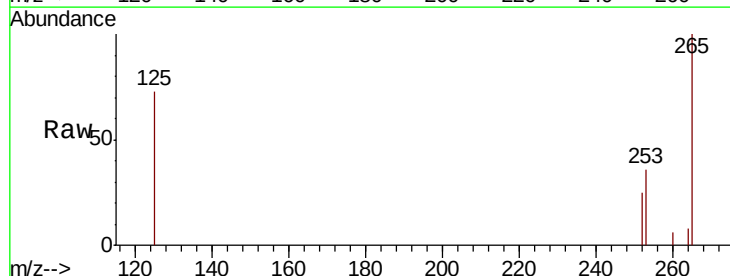
Instrument :
 BNA_E
 ClientSampleId :
 PB118226BL

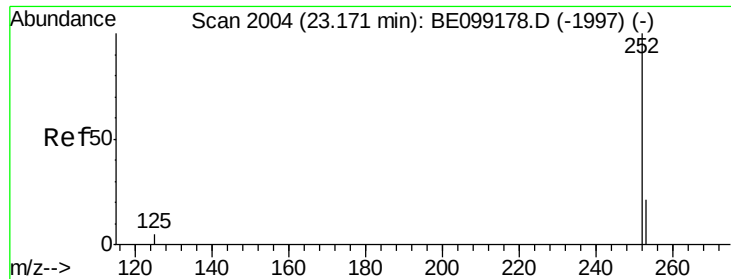
Tgt Ion: 264 Resp: 29615
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.2 27.2
 265 30.0 21.8 32.8



#35
 Benzo(b)fluoranthene
 Concen: 0.001 ng
 RT: 23.14 min Scan# 1994
 Delta R.T. 0.02 min
 Lab File: BE099188.D
 Acq: 25 Mar 2019 20:17

Tgt Ion: 252 Resp: 142
 Ion Ratio Lower Upper
 252 100
 253 141.4 17.8 26.8#
 125 285.6 6.1 9.1#





#36

Benzo(k)fluoranthene

Concen: 0.000 ng

RT: 23.17 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

Instrument :

BNA_E

ClientSampleId :

PB118226BL

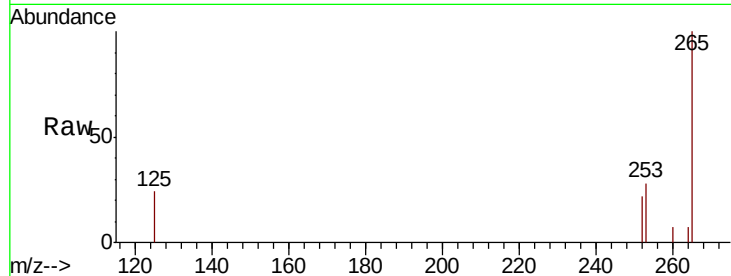
Tgt Ion:252 Resp: 37

Ion Ratio Lower Upper

252 100

253 125.9 17.8 26.6#

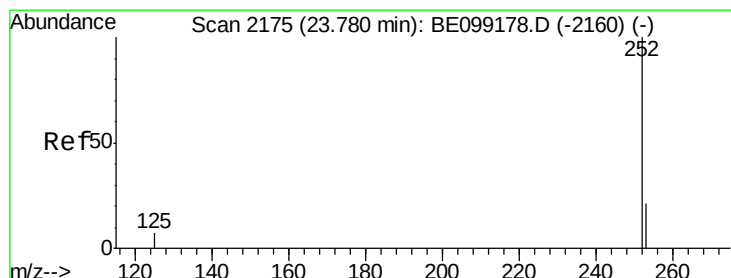
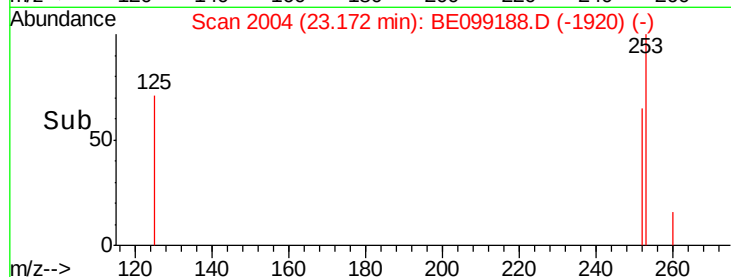
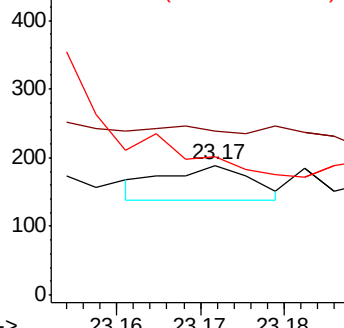
125 106.9 5.9 8.9#



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: 0.000 ng

RT: 23.76 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

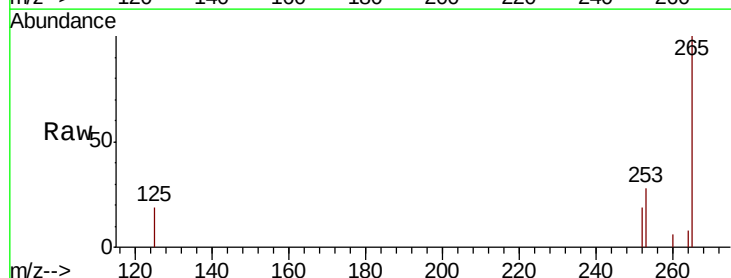
Tgt Ion:252 Resp: 16

Ion Ratio Lower Upper

252 100

253 149.4 18.1 27.1#

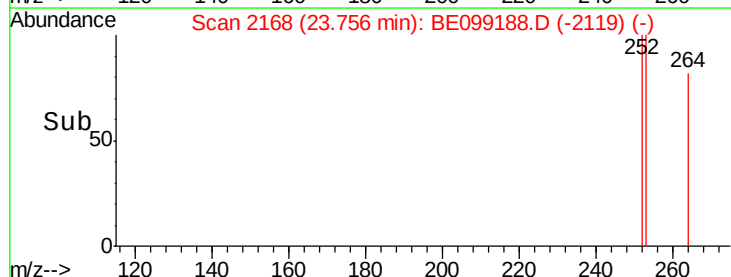
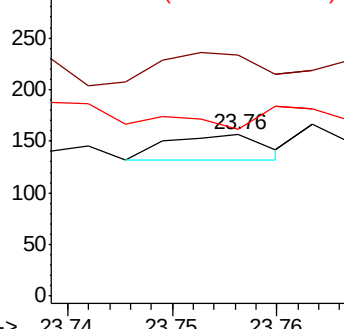
125 103.8 6.8 10.2#

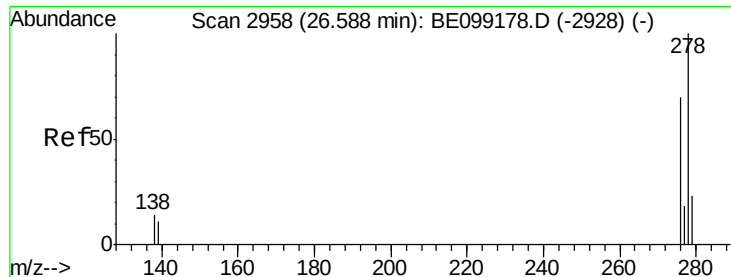


Abundance Ion 252.00 (251.70 to 252.70): E

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: 26.58 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

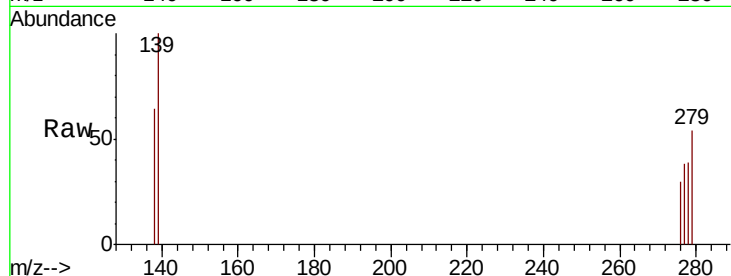
Instrument :

BNA_E

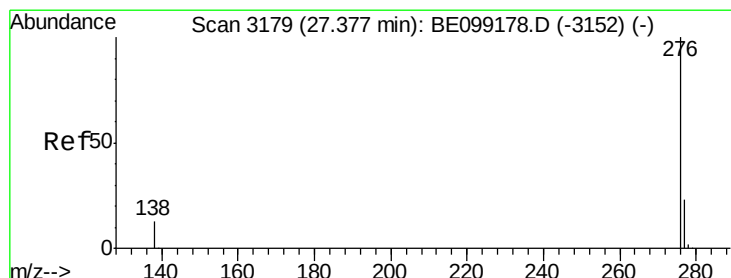
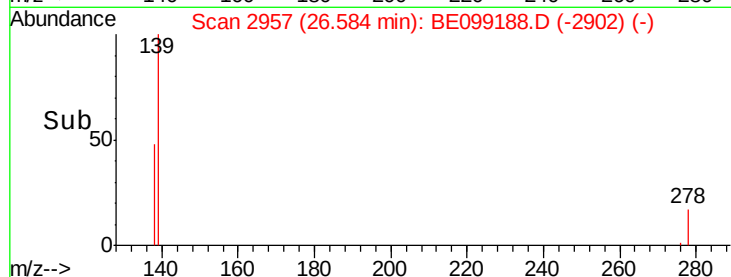
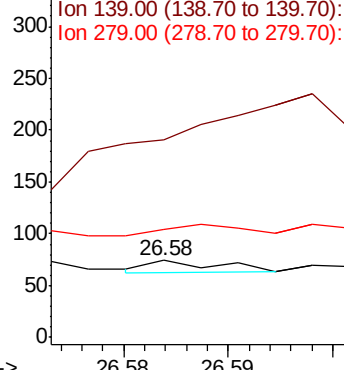
ClientSampleId :

PB118226BL

Tgt Ion:	278	Resp:	6
Ion	Ratio	Lower	Upper
278	100		
139	258.1	9.5	14.3#
279	140.5	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: 0.000 ng

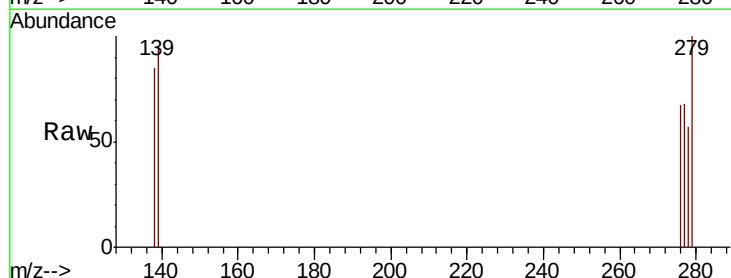
RT: 27.39 min Scan# 3182

Delta R.T. 0.01 min

Lab File: BE099188.D

Acq: 25 Mar 2019 20:17

Tgt Ion:	276	Resp:	8
Ion	Ratio	Lower	Upper
276	100		
277	101.5	19.0	28.4#
138	125.8	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

