

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
 Data File : BE099189.D
 Acq On : 25 Mar 2019 20:53
 Operator : JU/SJ
 Sample : PB118217BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118217BL

Quant Time: Mar 26 07:09:02 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	3493	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	13353	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	9181	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	29832	0.40	ng	0.00
27) Chrysene-d12	21.38	240	32635	0.40	ng	-0.01
34) Perylene-d12	23.90	264	28015	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	2661	0.26	ng	0.00
5) Phenol-d6	6.99	99	3623	0.23	ng	0.00
8) Nitrobenzene-d5	8.99	82	2660	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	6545	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	384	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	9793	0.26	ng	0.00
25) Fluoranthene-d10	19.24	212	100818	0.28	ng	0.00
29) Terphenyl-d14	19.83	244	16700	0.24	ng	0.00

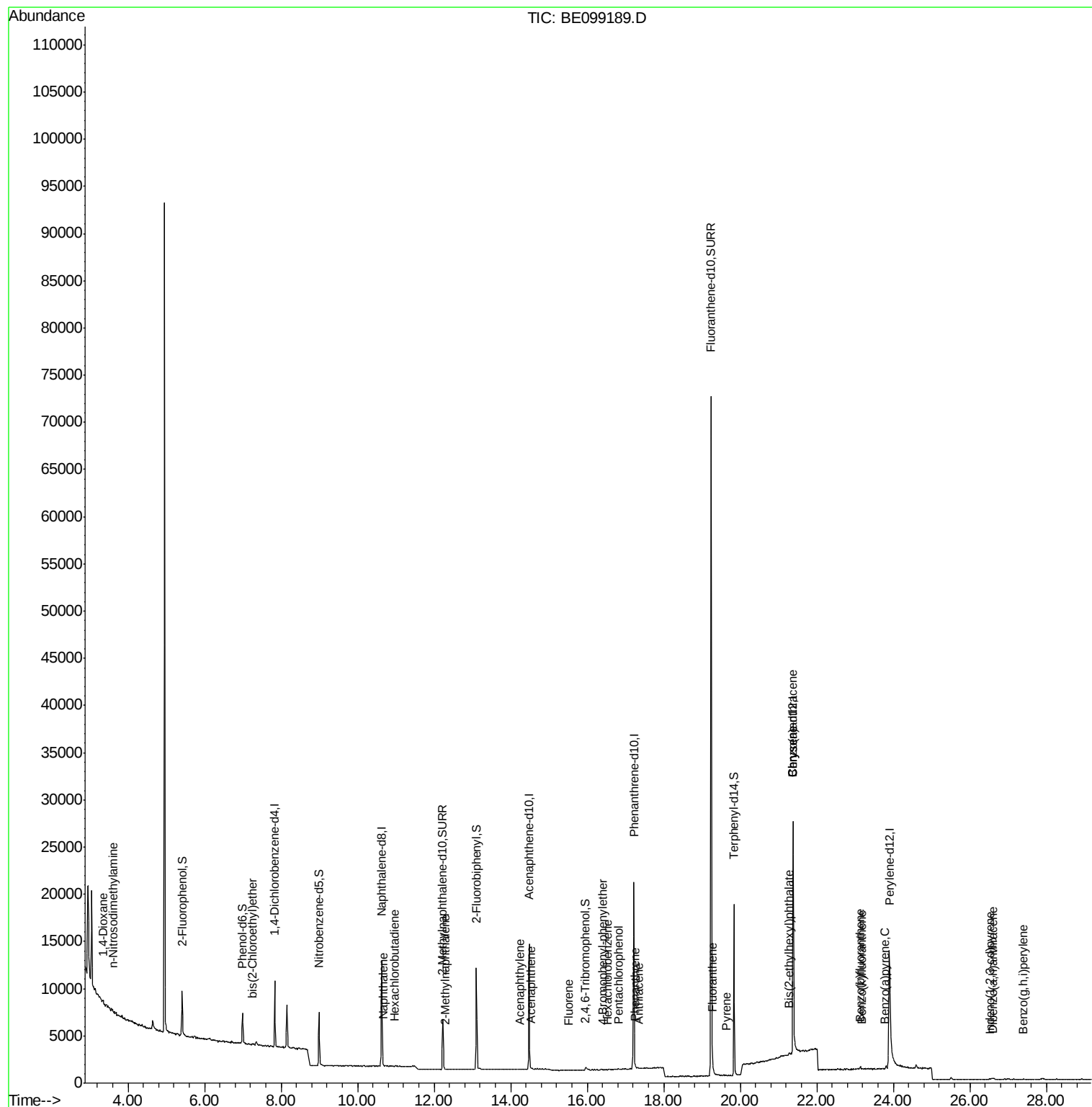
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	131	0.028	ng	# 30
3) n-Nitrosodimethylamine	3.61	42	198	0.077	ng	# 1
6) bis(2-Chloroethyl)ether	7.24	93	20	0.002	ng	# 1
9) Naphthalene	10.67	128	101	0.001	ng	# 40
10) Hexachlorobutadiene	10.95	225	11	0.001	ng	# 19
12) 2-Methylnaphthalene	12.29	142	10	0.000	ng	# 53
16) Acenaphthylene	14.24	152	15	0.000	ng	# 61
17) Acenaphthene	14.53	154	3	0.000	ng	# 1
18) Fluorene	15.51	166	15	0.000	ng	# 1
20) 4-Bromophenyl-phenylether	16.40	248	5	0.000	ng	# 59
21) Hexachlorobenzene	16.52	284	10	0.001	ng	# 1
22) Pentachlorophenol	16.81	266	9	0.242	ng	84
23) Phenanthrene	17.26	178	106	0.001	ng	# 60
24) Anthracene	17.34	178	29	0.000	ng	# 1
26) Fluoranthene	19.28	202	56	0.001	ng	# 70
28) Pyrene	19.63	202	63	0.001	ng	# 80
30) Benzo(a)anthracene	21.38	228	168	0.002	ng	# 21
31) Chrysene	21.38	228	150	0.001	ng	# 28
32) Bis(2-ethylhexyl)phthalate	21.28	149	810	0.006	ng	# 87
33) Indeno(1,2,3-cd)pyrene	26.53	276	4	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.13	252	22	0.000	ng	# 1
36) Benzo(k)fluoranthene	23.19	252	44	0.000	ng	# 1
37) Benzo(a)pyrene	23.77	252	32	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.59	278	9	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.38	276	4	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: BE099189.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

PB118217BL

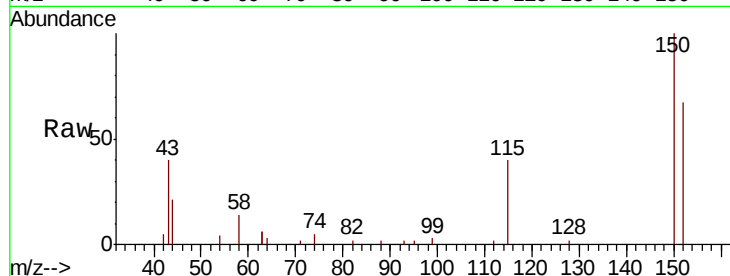
Tgt Ion: 152 Resp: 3493

Ion Ratio Lower Upper

152 100

150 148.6 112.8 169.2

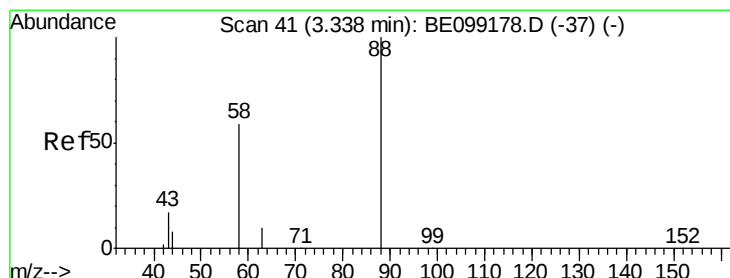
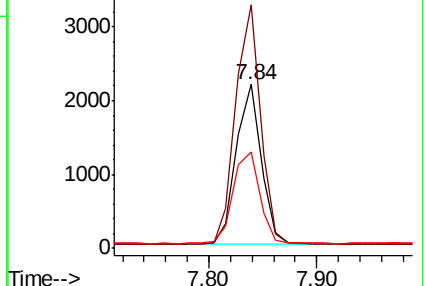
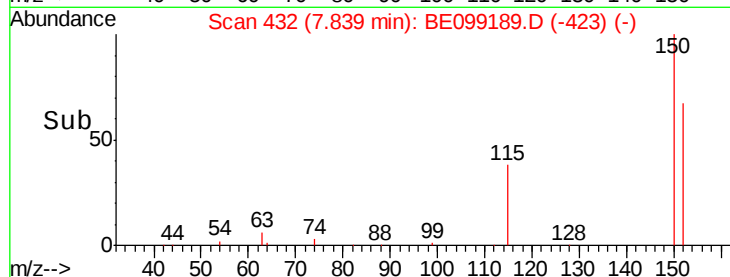
115 58.8 45.1 67.7



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: 0.028 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.00 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

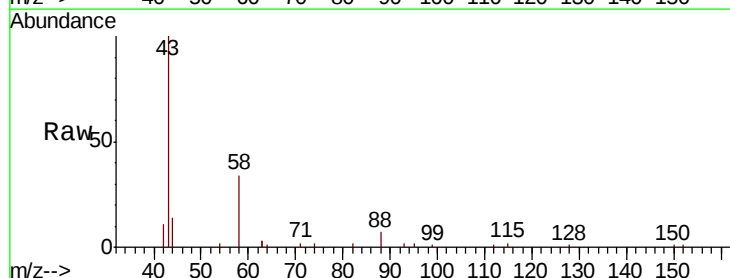
Tgt Ion: 88 Resp: 131

Ion Ratio Lower Upper

88 100

58 0.0 47.4 71.0#

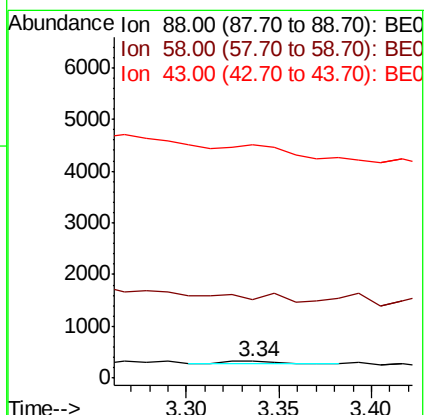
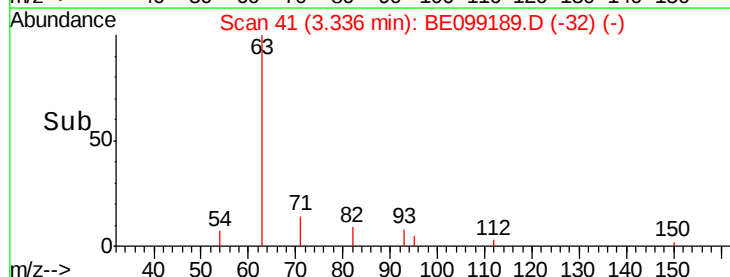
43 0.0 15.6 23.4#



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: 0.077 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.06 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

PB118217BL

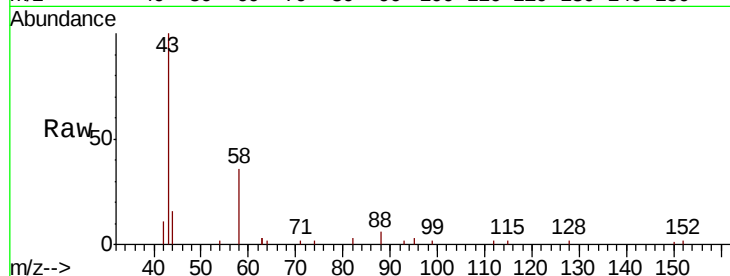
Tgt Ion: 42 Resp: 198

Ion Ratio Lower Upper

42 100

74 0.0 138.6 207.8#

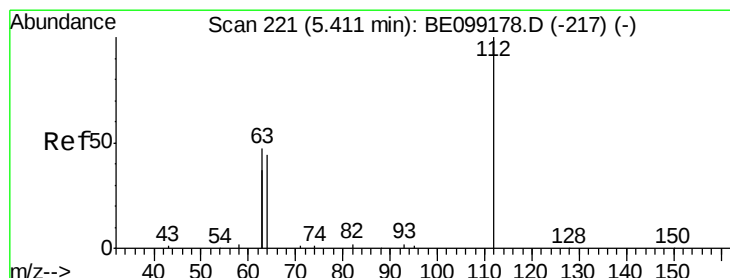
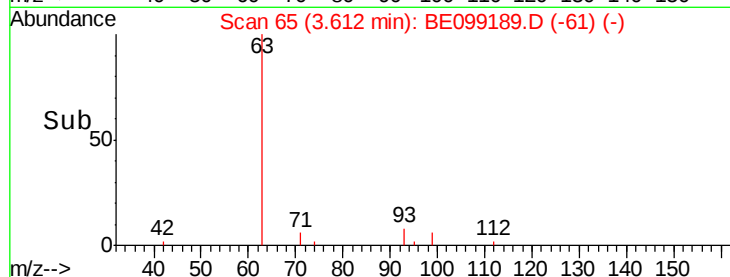
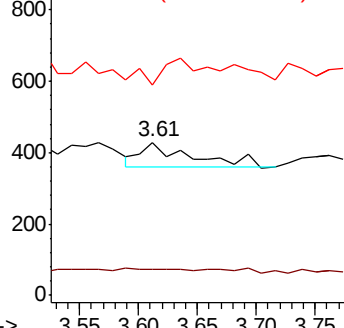
44 0.0 15.0 22.6#



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: 0.255 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

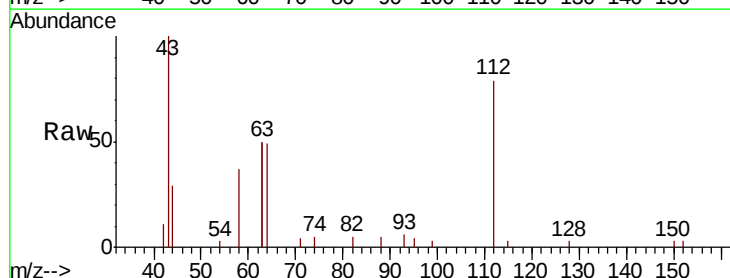
Tgt Ion: 112 Resp: 2661

Ion Ratio Lower Upper

112 100

64 57.8 46.2 69.2

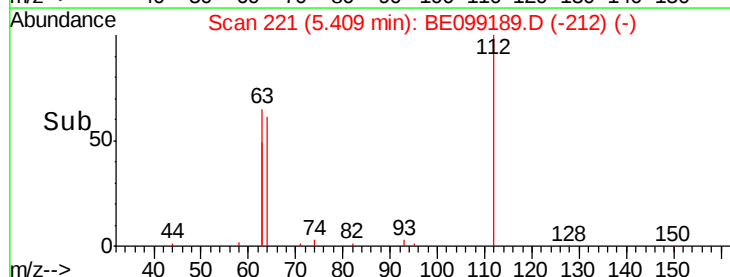
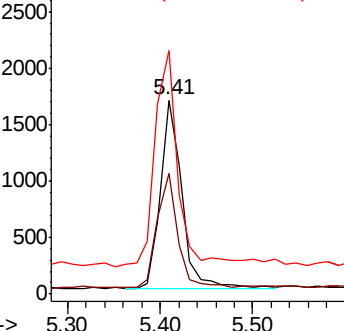
63 122.5 89.9 134.9

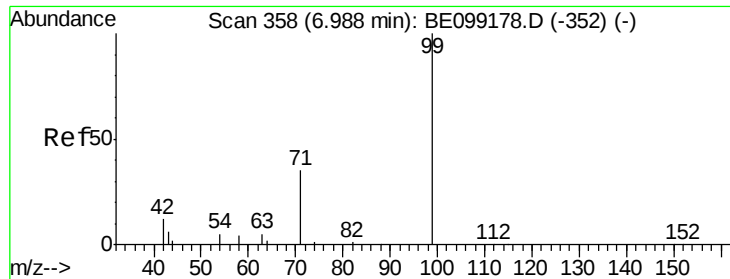


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.227 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

PB118217BL

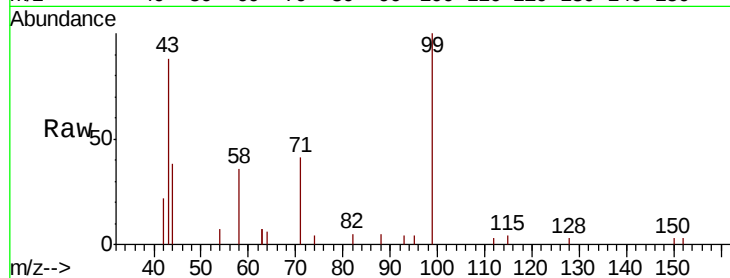
Tgt Ion: 99 Resp: 3623

Ion Ratio Lower Upper

99 100

42 15.1 12.4 18.6

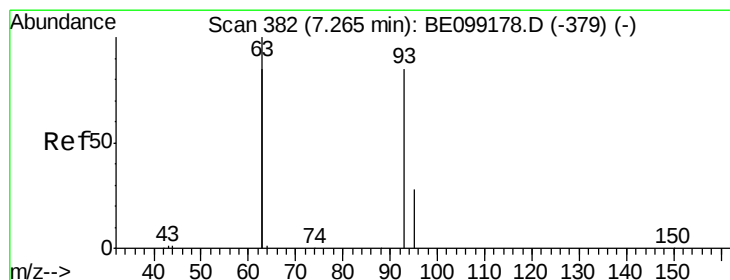
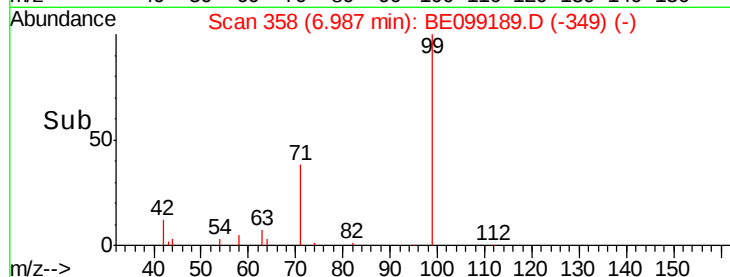
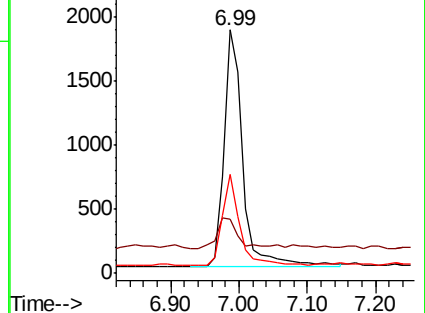
71 34.6 28.4 42.6



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: 0.002 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.02 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

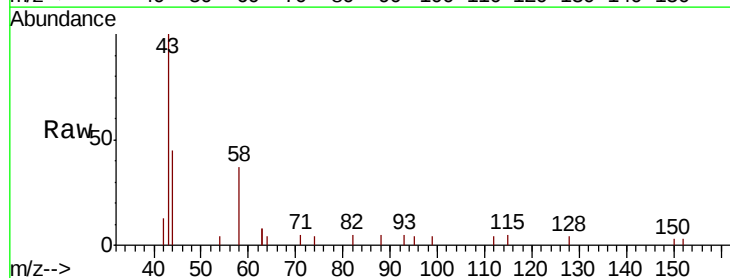
Tgt Ion: 93 Resp: 20

Ion Ratio Lower Upper

93 100

63 0.0 221.4 332.0#

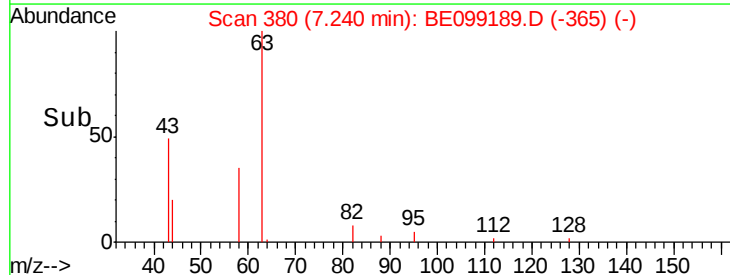
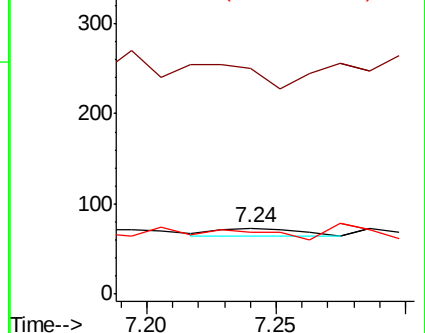
95 0.0 25.8 38.8#

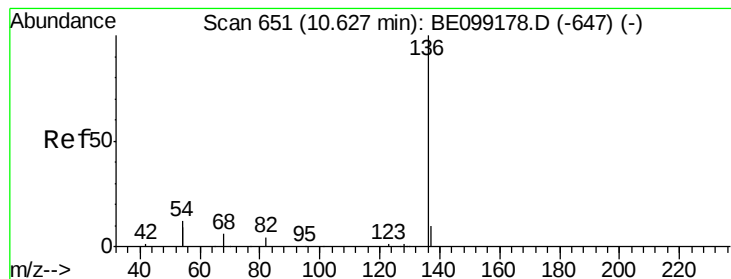


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

Instrument :

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ClientSampleId :

PB118217BL

Tgt Ion:136 Resp: 13353

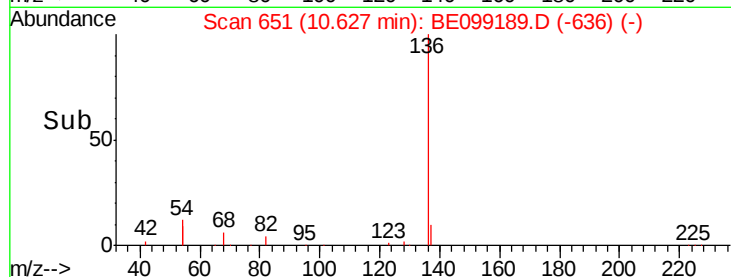
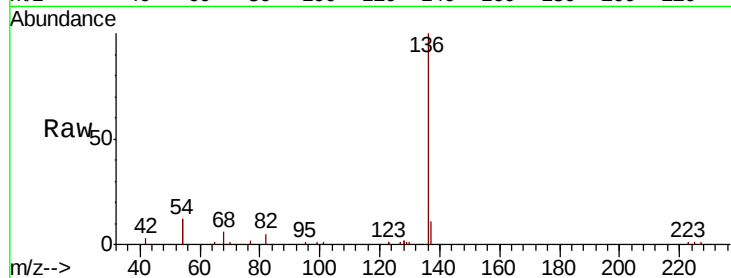
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 24.0 18.7 28.1

68 6.3 5.2 7.8

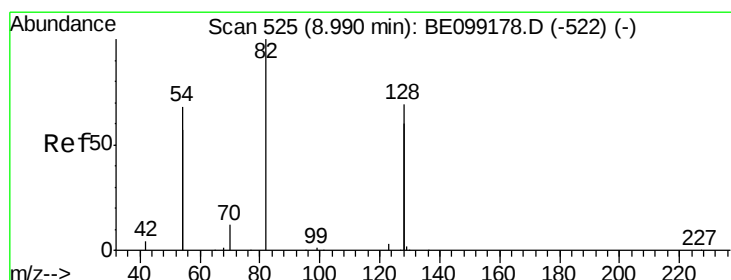
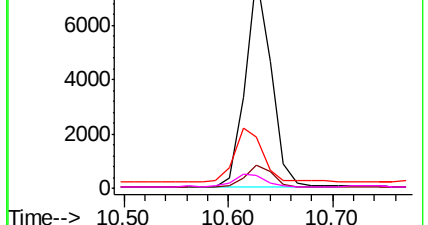


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.244 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

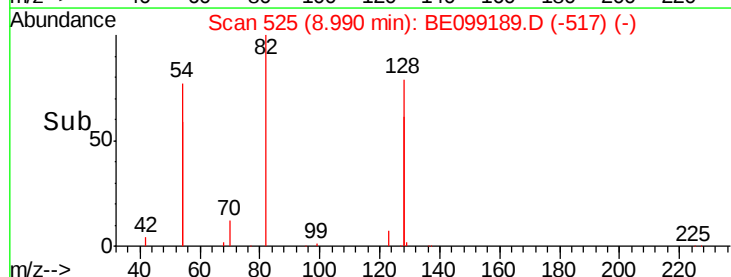
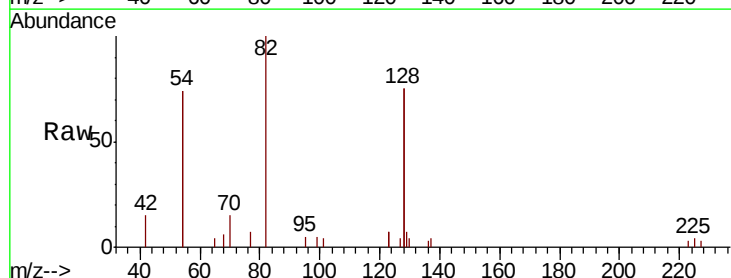
Tgt Ion: 82 Resp: 2660

Ion Ratio Lower Upper

82 100

128 150.7 107.5 161.3

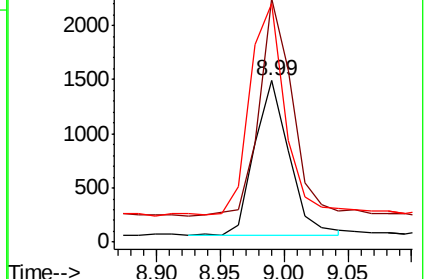
54 147.3 106.3 159.5

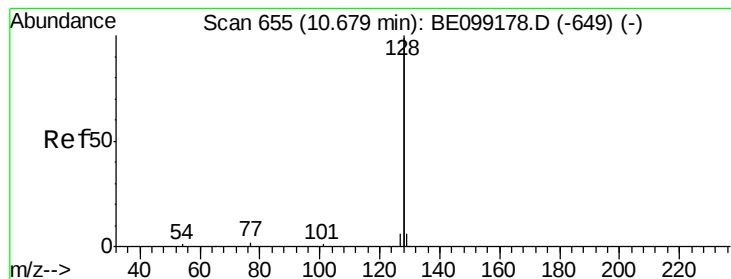


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.001 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.01 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

Instrument :

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ClientSampleId :

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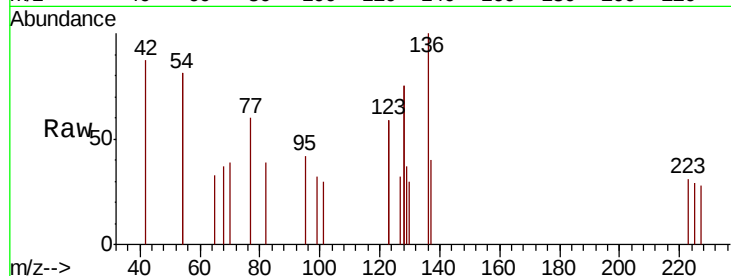
Tgt Ion:128 Resp: 101

Ion Ratio Lower Upper

128 100

129 24.4 2.3 3.5#

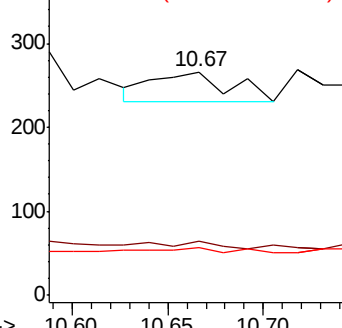
127 21.4 2.6 3.8#



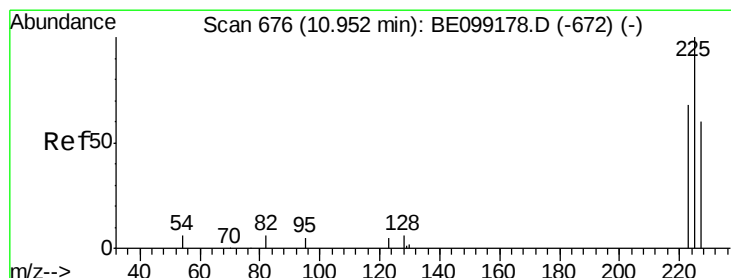
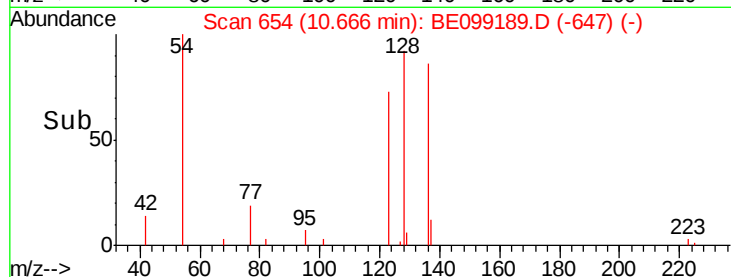
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

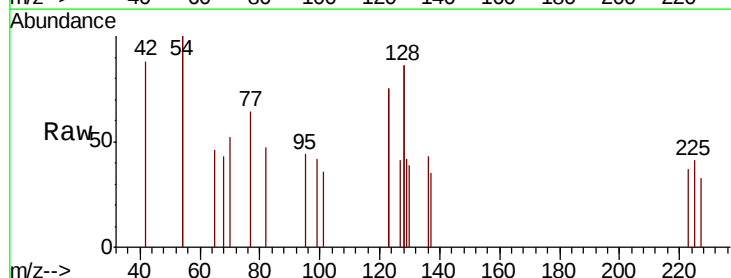
Tgt Ion:225 Resp: 11

Ion Ratio Lower Upper

225 100

223 0.0 51.3 76.9#

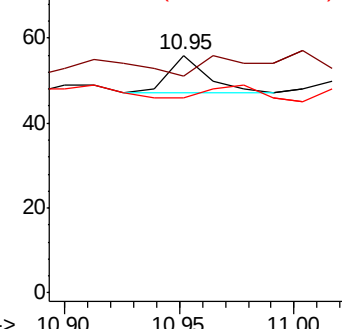
227 0.0 48.6 73.0#



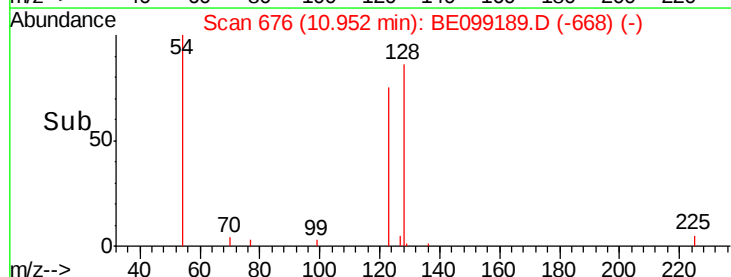
Abundance Ion 225.00 (224.70 to 225.70): E

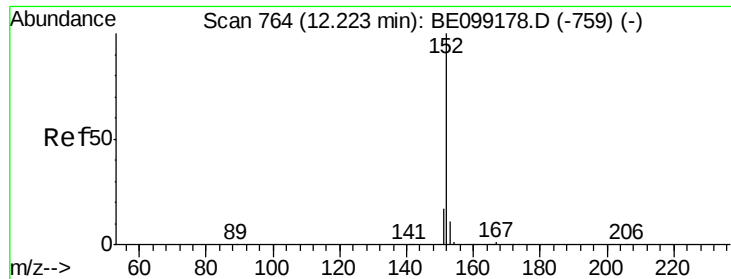
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

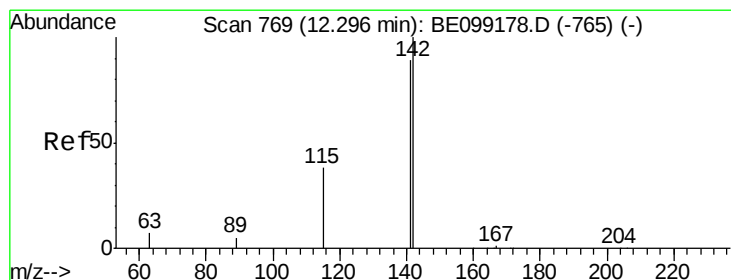
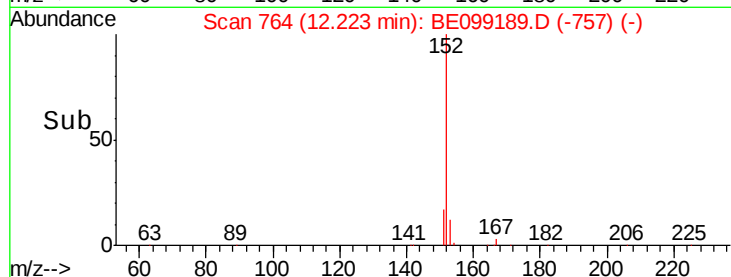
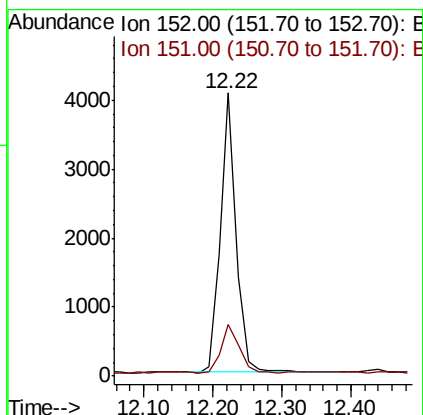
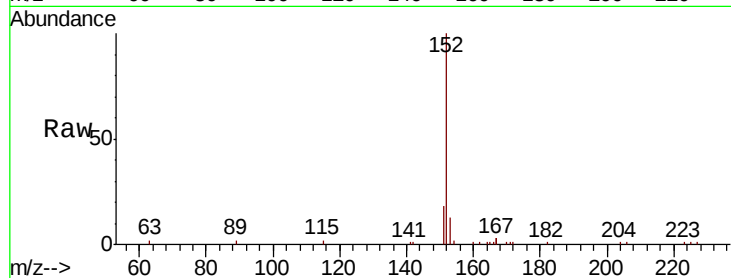




#11
 2-Methylnaphthalene-d10
 Concen: 0.254 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE099189.D
 Acq: 25 Mar 2019 20:53

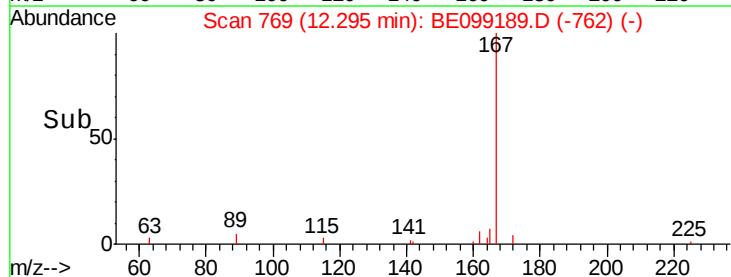
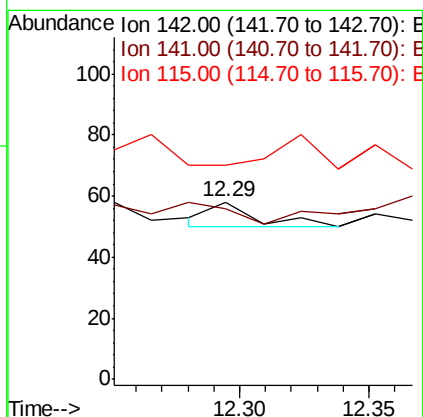
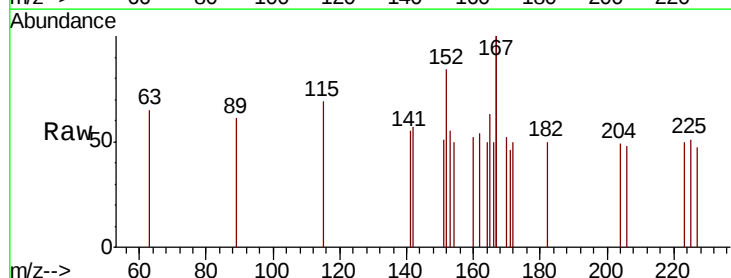
Instrument :
 BNA_E
 ClientSampleId :
 PB118217BL

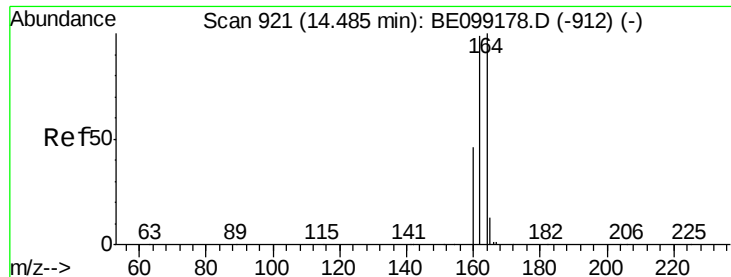
Tgt Ion:152 Resp: 6545
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.000 ng
 RT: 12.29 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE099189.D
 Acq: 25 Mar 2019 20:53

Tgt Ion:142 Resp: 10
 Ion Ratio Lower Upper
 142 100
 141 96.6 71.3 106.9
 115 120.7 30.4 45.6#

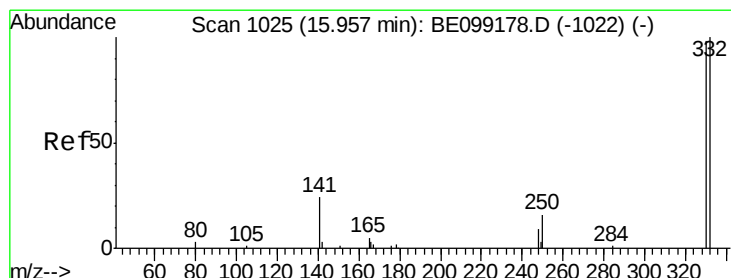
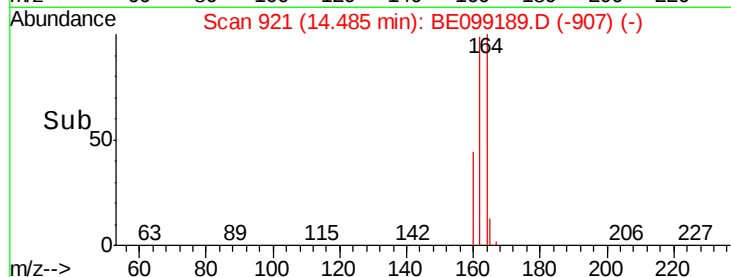
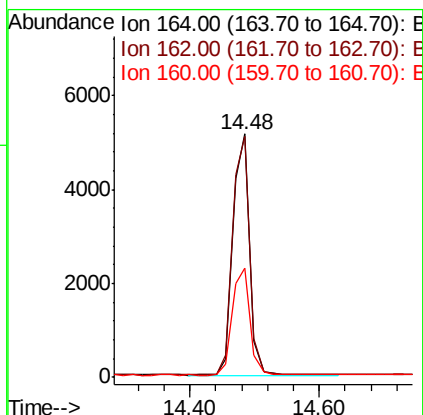
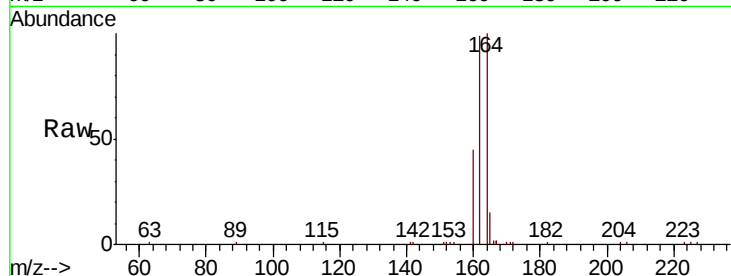




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

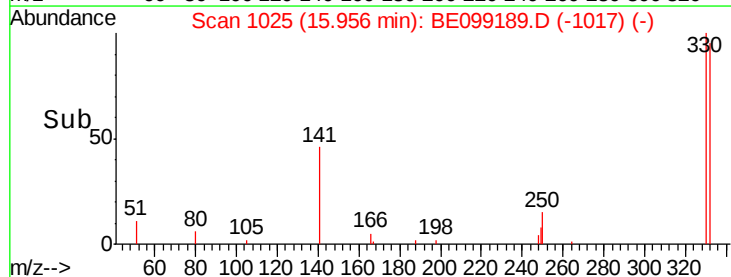
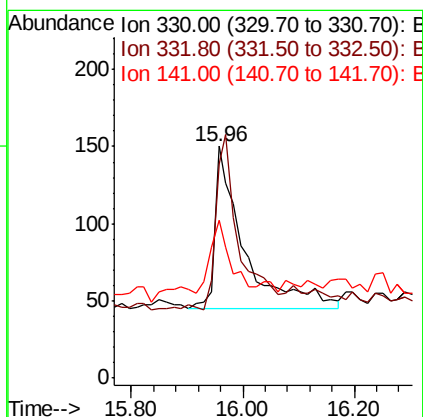
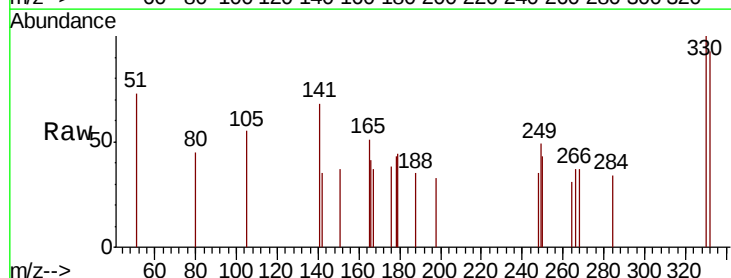
Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:164 Resp: 9181
Ion Ratio Lower Upper
164 100
162 98.8 79.2 118.8
160 44.8 36.7 55.1



#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:330 Resp: 384
Ion Ratio Lower Upper
330 100
332 85.2 71.3 106.9
141 31.0 21.7 32.5

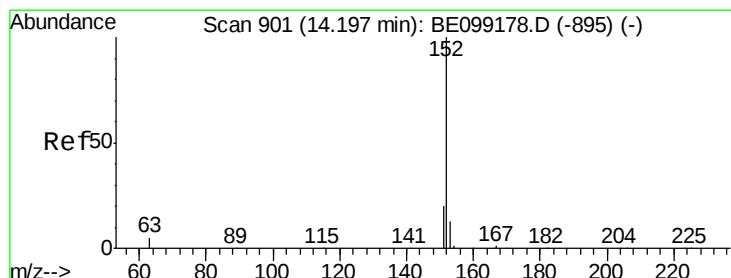
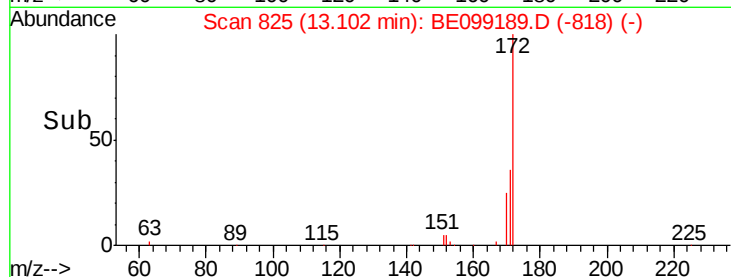
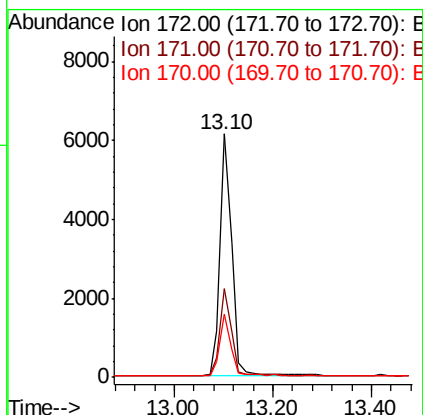
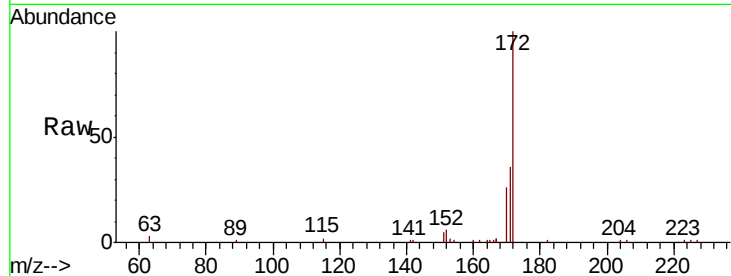




#15
2-Fluorobiphenyl
Concen: 0.262 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

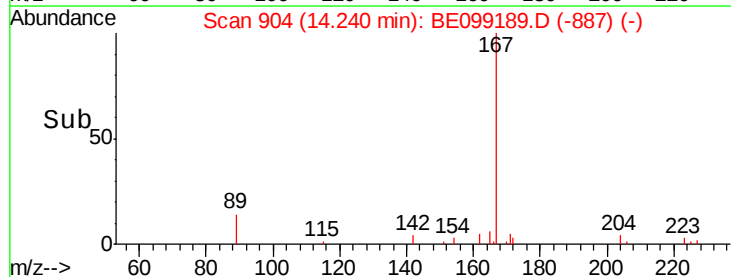
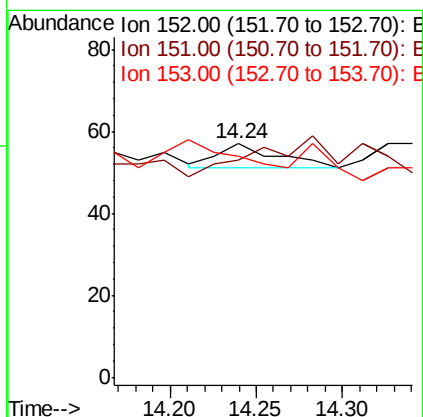
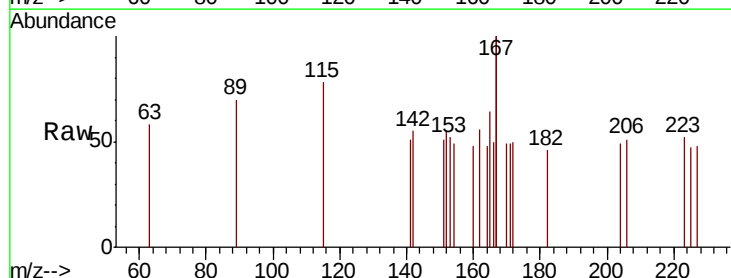
Instrument :
BNA_E
ClientSampleId :
PB118217BL

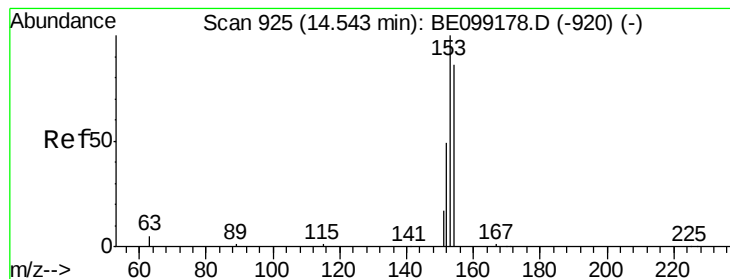
Tgt Ion:172 Resp: 9793
Ion Ratio Lower Upper
172 100
171 36.3 27.4 41.0
170 25.8 19.1 28.7



#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.04 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:152 Resp: 15
Ion Ratio Lower Upper
152 100
151 0.0 15.7 23.5#
153 0.0 10.6 15.8#





#17

Acenaphthene

Concen: 0.000 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.02 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

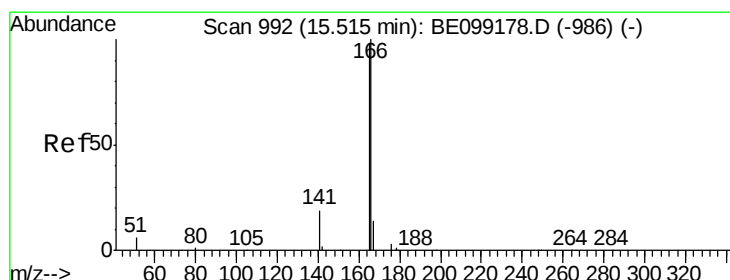
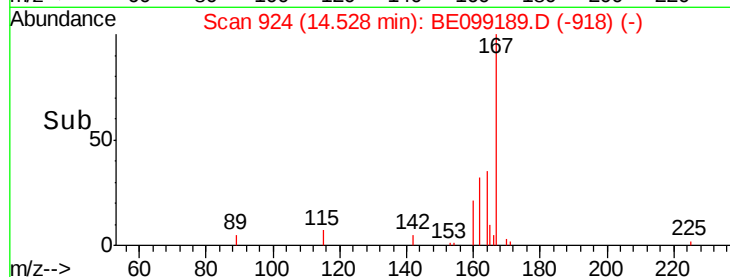
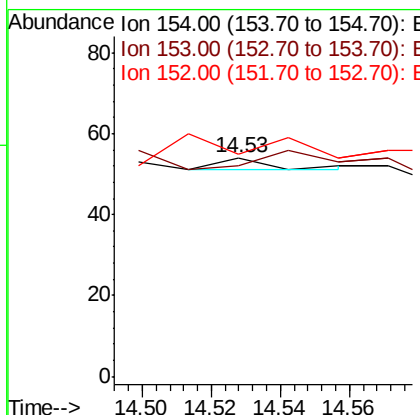
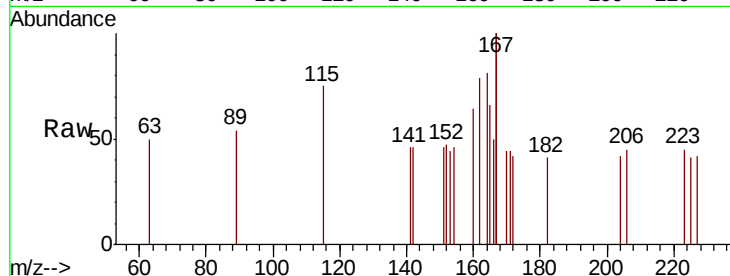
Instrument :

BNA_E

ClientSampleId :

PB118217BL

Tgt Ion:	154	Resp:	3
Ion	Ratio	Lower	Upper
154	100		
153	433.3	93.4	140.0#
152	0.0	46.6	69.8#



#18

Fluorene

Concen: 0.000 ng

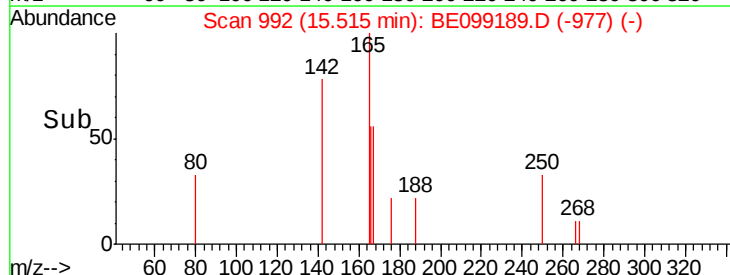
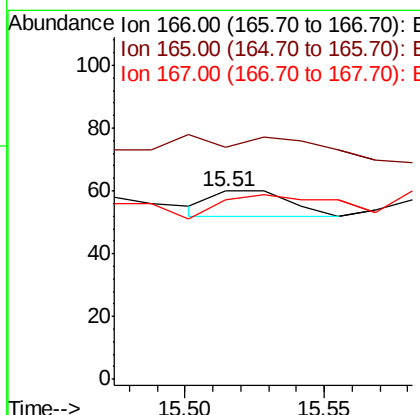
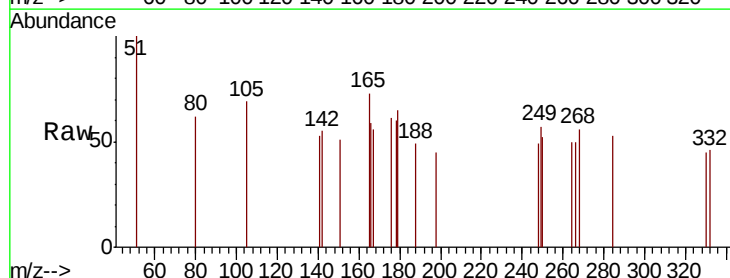
RT: 15.51 min Scan# 992

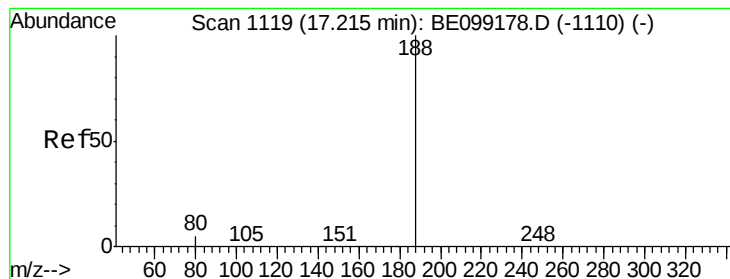
Delta R.T. -0.00 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

Tgt Ion:	166	Resp:	15
Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.9	118.3#
167	146.7	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: BE099189.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

PB118217BL

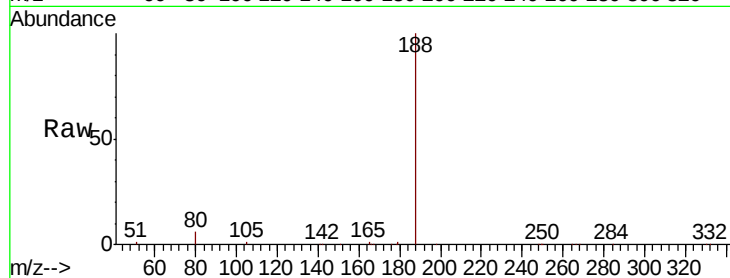
Tgt Ion:188 Resp: 29832

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

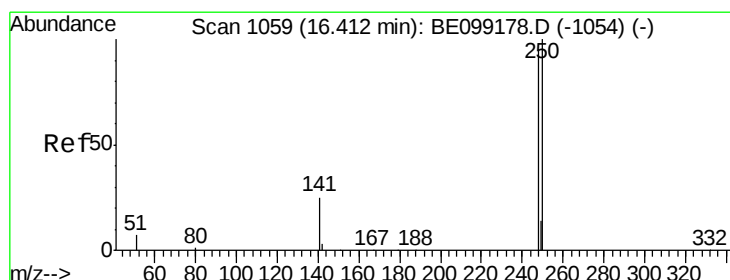
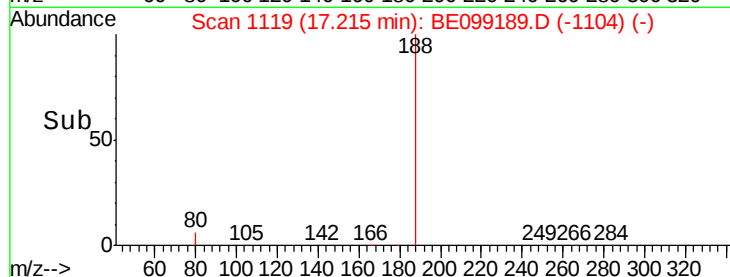
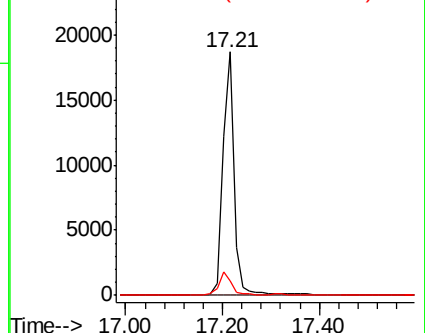
80 6.0 4.5 6.7



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: 0.000 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

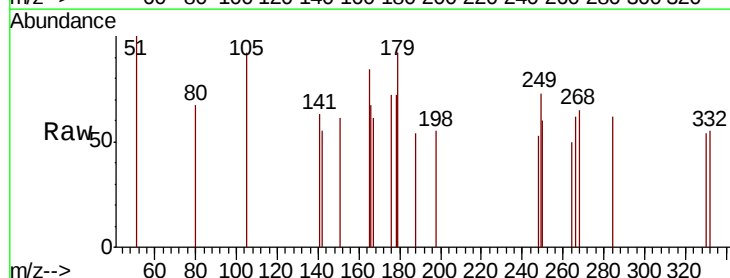
Tgt Ion:248 Resp: 5

Ion Ratio Lower Upper

248 100

250 112.2 84.2 126.2

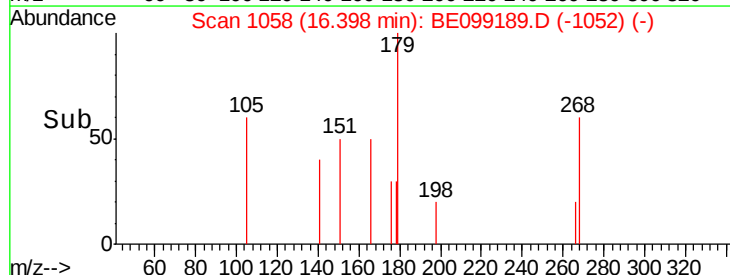
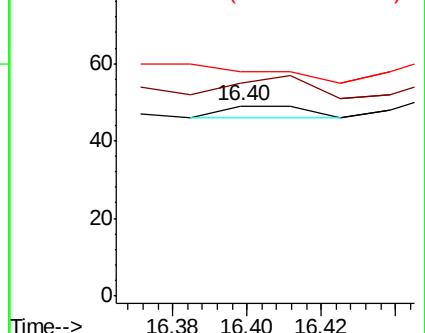
141 118.4 21.8 32.6#

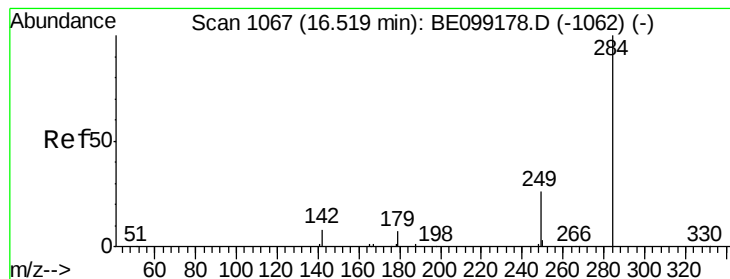


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

PB118217BL

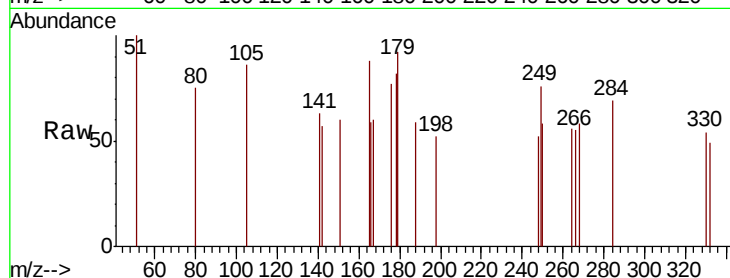
Tgt Ion:284 Resp: 10

Ion Ratio Lower Upper

284 100

142 0.0 22.7 34.1#

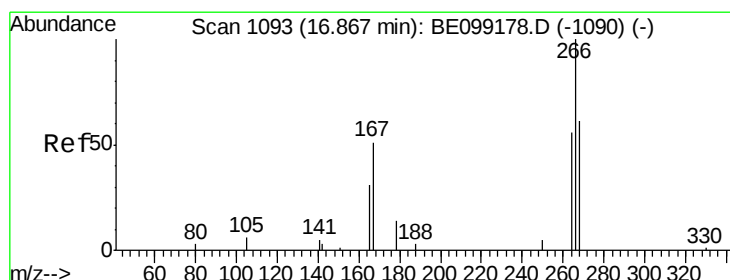
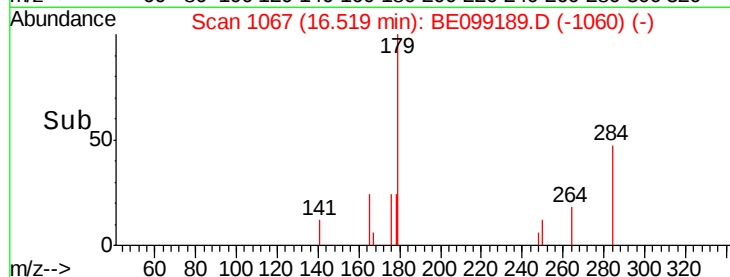
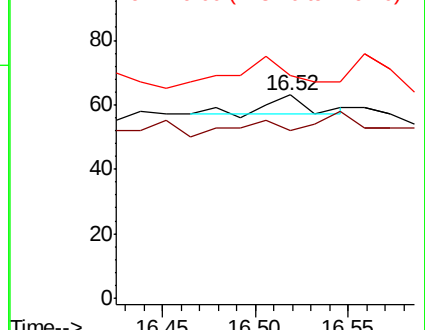
249 210.0 26.9 40.3#



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: 0.242 ng

RT: 16.81 min Scan# 1089

Delta R.T. -0.05 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

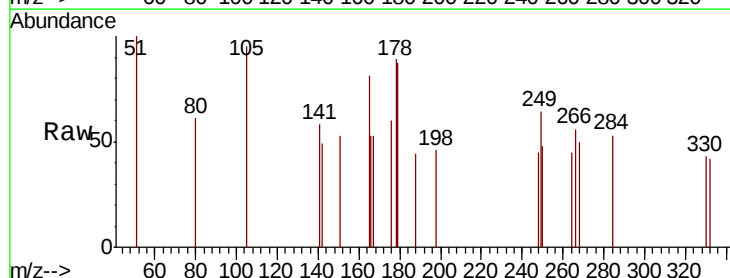
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 80.6 54.4 81.6

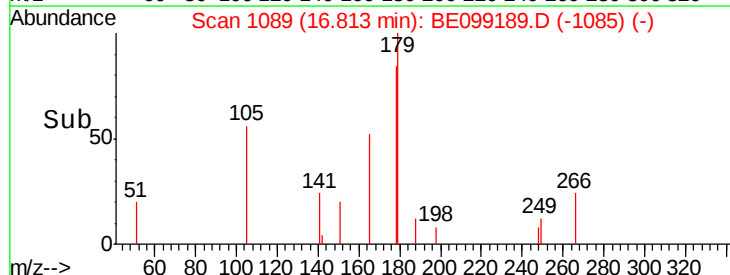
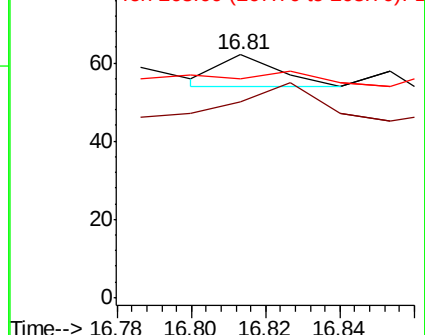
268 90.3 61.3 91.9

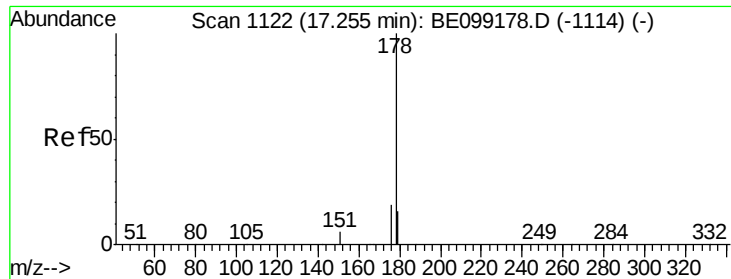


Abundance Ion 266.00 (265.70 to 266.70): E

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: 17.26 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

PB118217BL

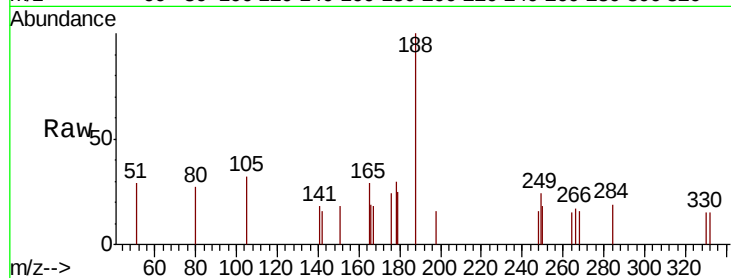
Tgt Ion:178 Resp: 106

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

179 0.0 12.3 18.5#



Abundance Ion 178.00 (177.70 to 178.70): E

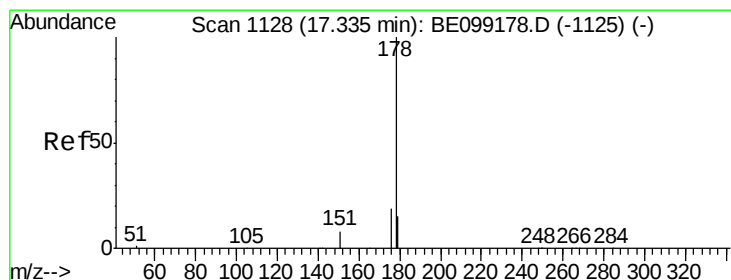
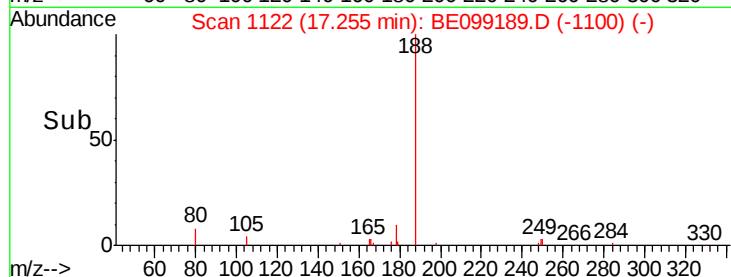
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.26

17.30

Time-->



#24

Anthracene

Concen: 0.000 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

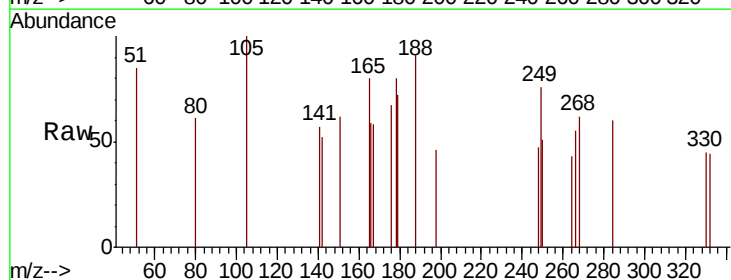
Tgt Ion:178 Resp: 29

Ion Ratio Lower Upper

178 100

176 144.8 15.1 22.7#

179 0.0 12.4 18.6#



Abundance Ion 178.00 (177.70 to 178.70): E

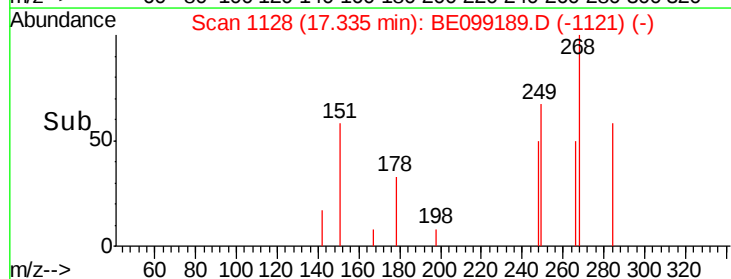
Ion 176.00 (175.70 to 176.70): E

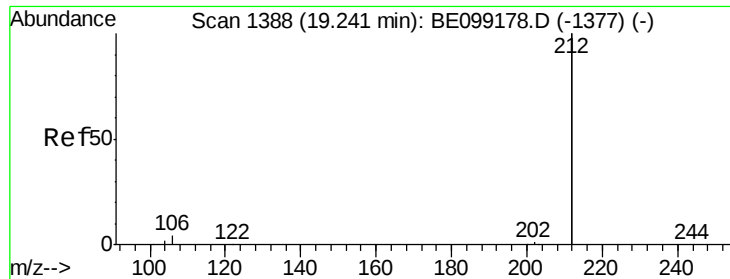
Ion 179.00 (178.70 to 179.70): E

17.34

17.40

Time-->





#25

Fluoranthene-d10

Concen: 0.279 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

PB118217BL

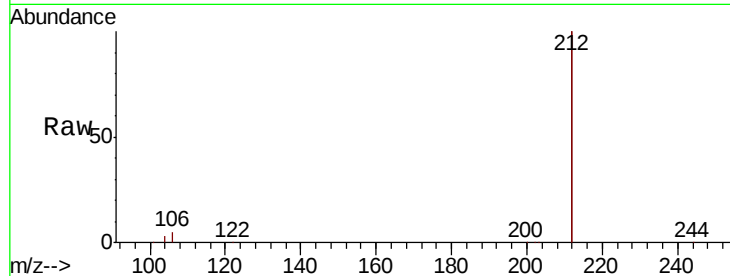
Tgt Ion:212 Resp: 100818

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

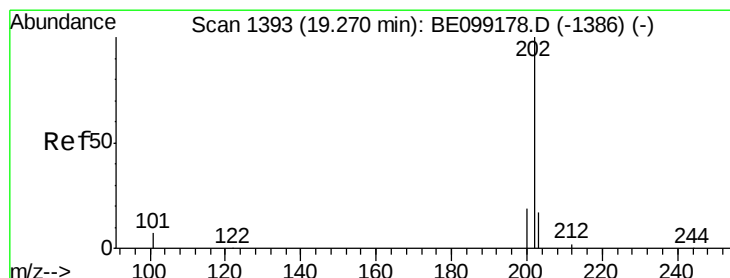
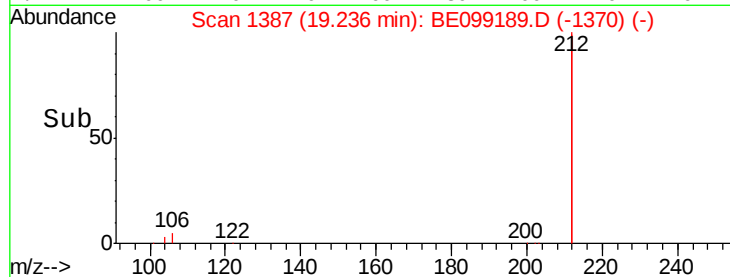
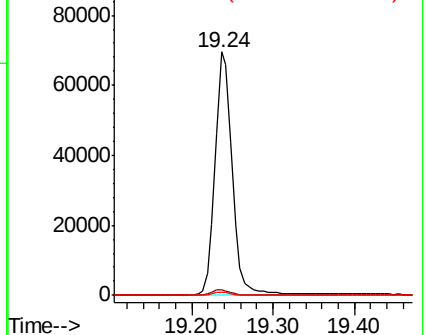
104 1.3 1.1 1.7



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: 0.001 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

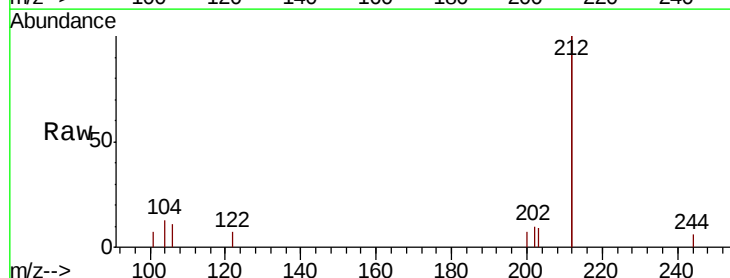
Tgt Ion:202 Resp: 56

Ion Ratio Lower Upper

202 100

101 12.5 7.0 10.4#

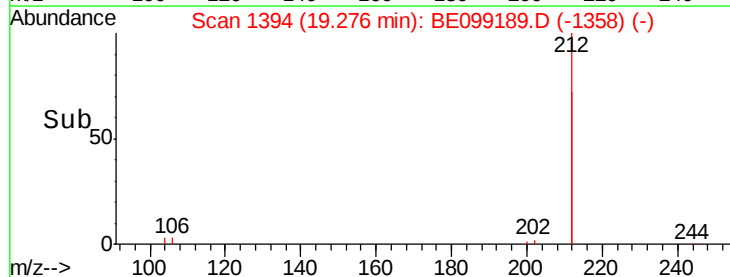
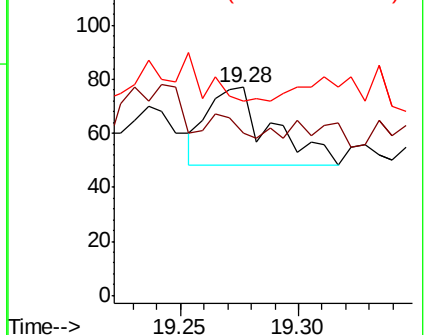
203 0.0 13.8 20.6#



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

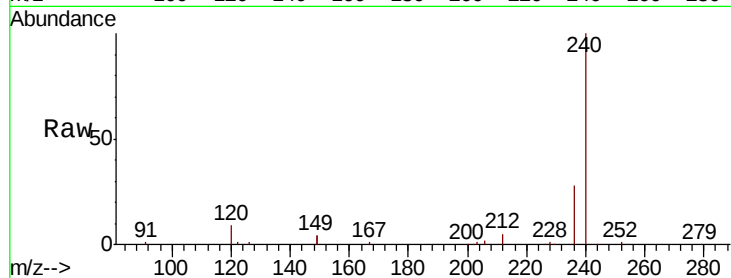




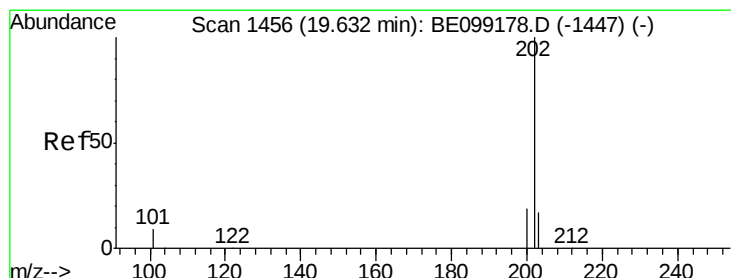
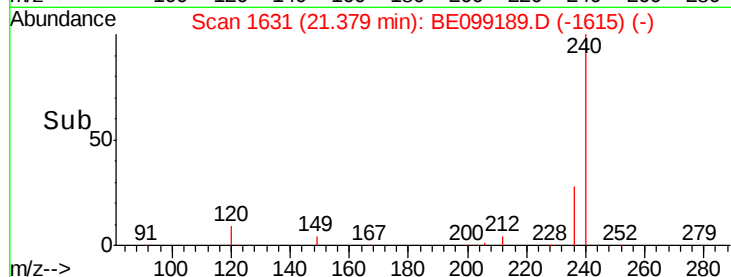
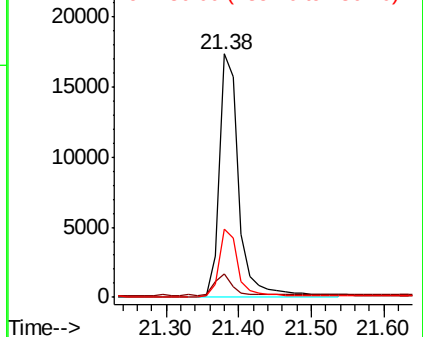
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:240 Resp: 32635
Ion Ratio Lower Upper
240 100
120 9.5 2.6 3.8#
236 28.0 20.9 31.3

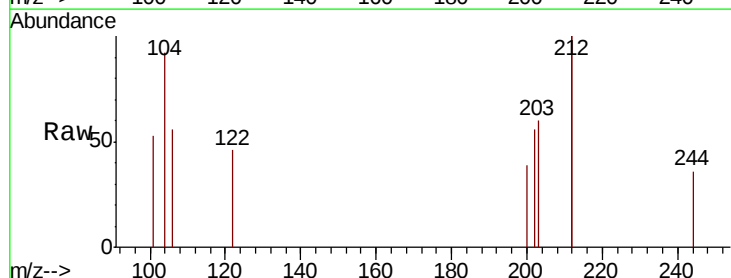


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

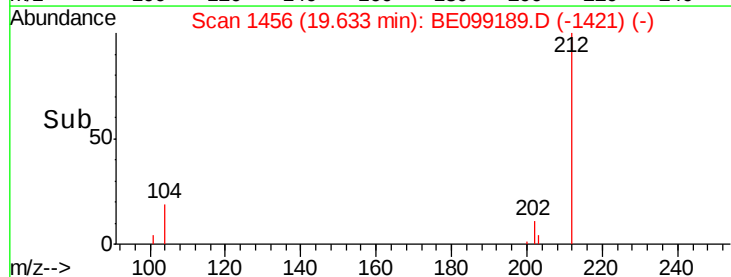
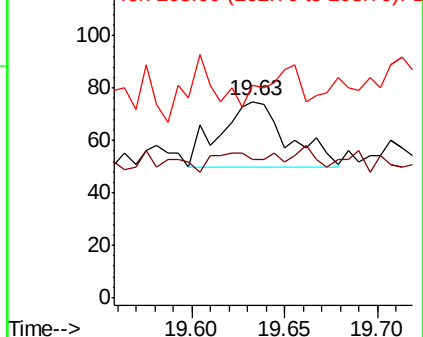


#28
Pyrene
Concen: 0.001 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:202 Resp: 63
Ion Ratio Lower Upper
202 100
200 19.0 15.8 23.8
203 0.0 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: 0.235 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

PB118217BL

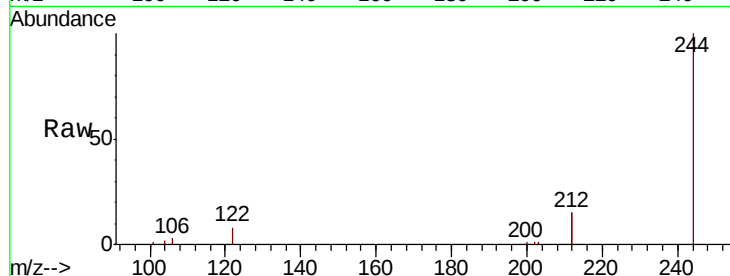
Tgt Ion:244 Resp: 16700

Ion Ratio Lower Upper

244 100

212 31.0 22.7 34.1

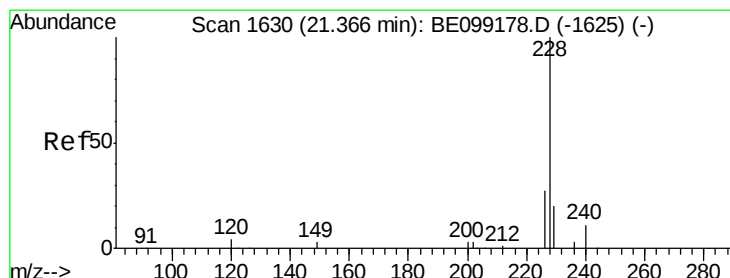
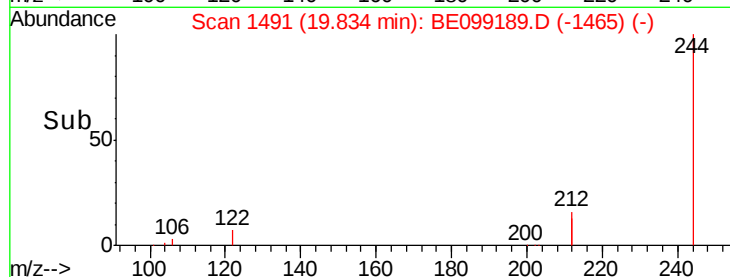
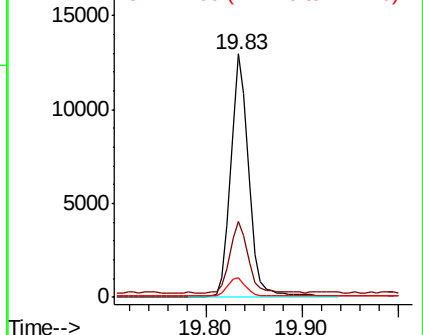
122 7.8 5.8 8.6



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: BE099189.D

Acq: 25 Mar 2019 20:53

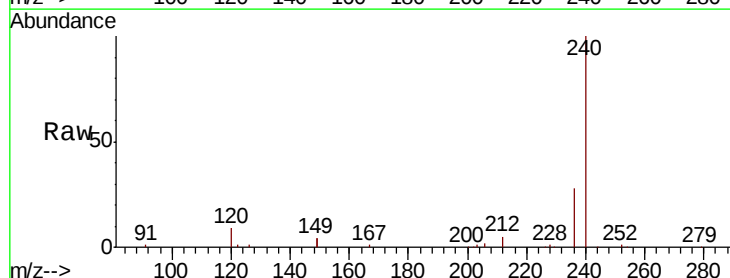
Tgt Ion:228 Resp: 168

Ion Ratio Lower Upper

228 100

226 58.1 21.7 32.5#

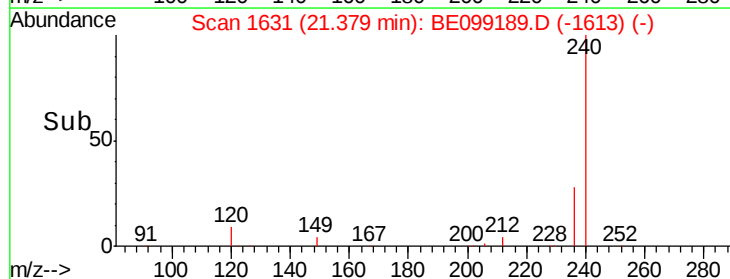
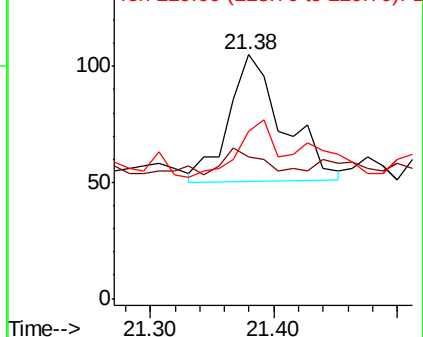
229 68.6 15.9 23.9#



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: BE099189.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

PB118217BL

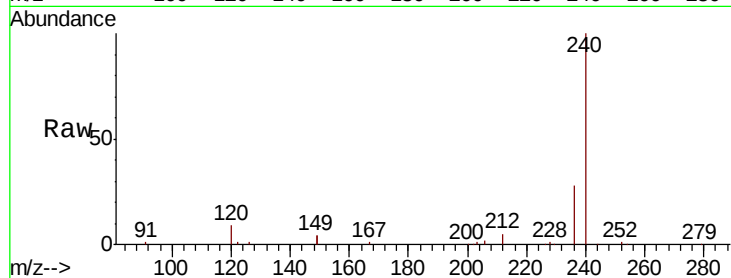
Tgt Ion:228 Resp: 150

Ion Ratio Lower Upper

228 100

226 58.1 24.8 37.2#

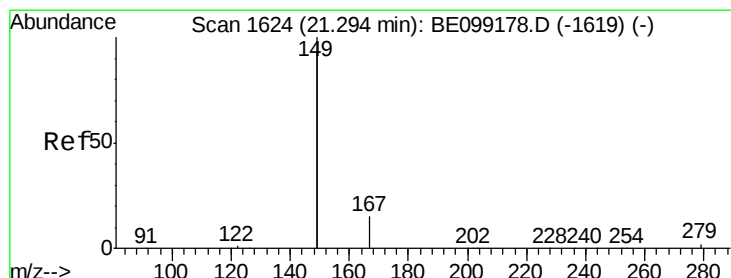
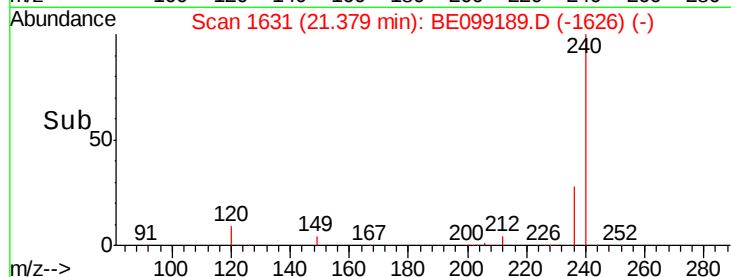
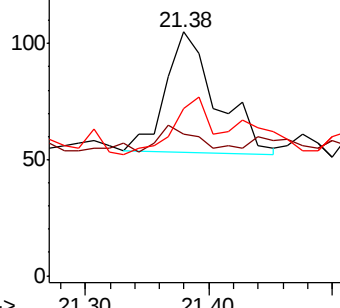
229 68.6 15.4 23.0#



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: 0.006 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

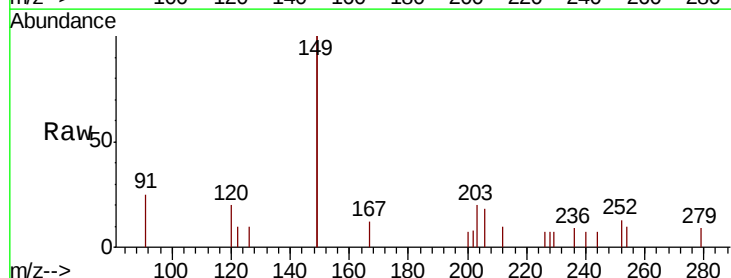
Tgt Ion:149 Resp: 810

Ion Ratio Lower Upper

149 100

167 2.5 5.9 8.9#

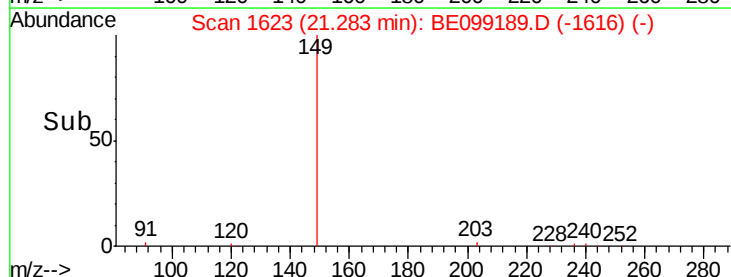
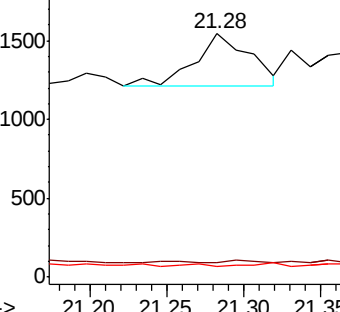
279 0.0 1.0 1.6#



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: 26.53 min Scan# 2943

Delta R.T. -0.02 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

PB118217BL

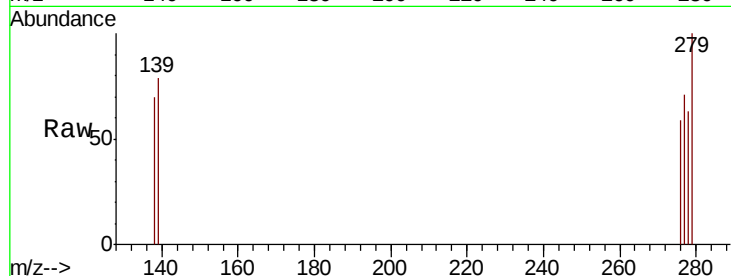
Tgt Ion: 276 Resp: 4

Ion Ratio Lower Upper

276 100

138 175.0 12.9 19.3#

277 100.0 18.3 27.5#

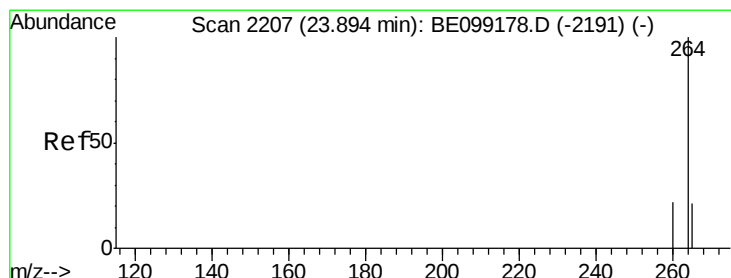
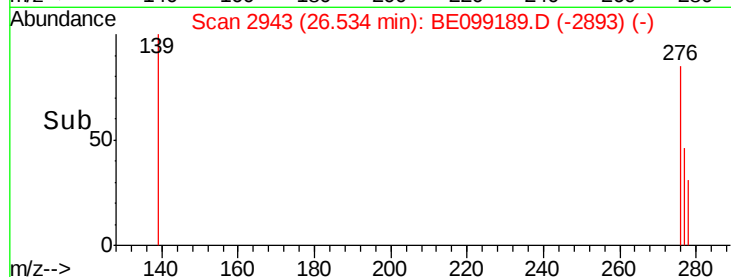
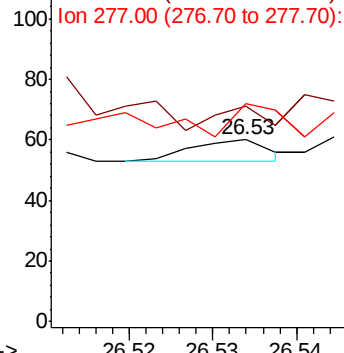


Abundance

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: 23.90 min Scan# 2209

Delta R.T. 0.01 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

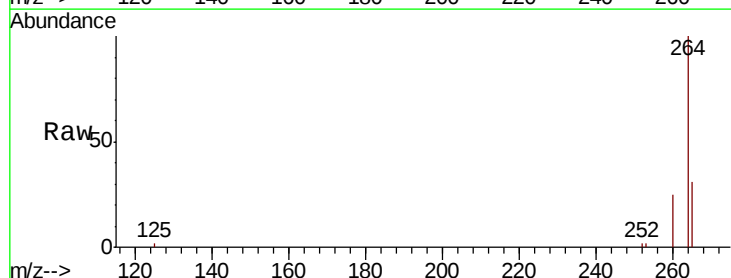
Tgt Ion: 264 Resp: 28015

Ion Ratio Lower Upper

264 100

260 25.5 18.2 27.2

265 30.8 21.8 32.8

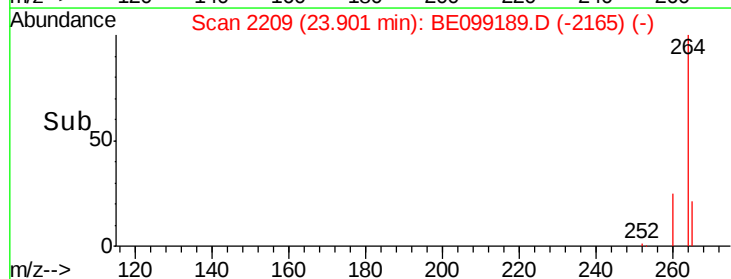
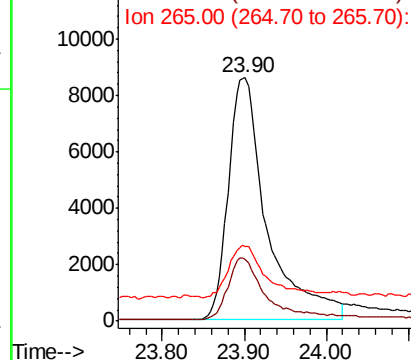


Abundance

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: 0.000 ng

RT: 23.13 min Scan# 1993

Delta R.T. 0.01 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

PB118217BL

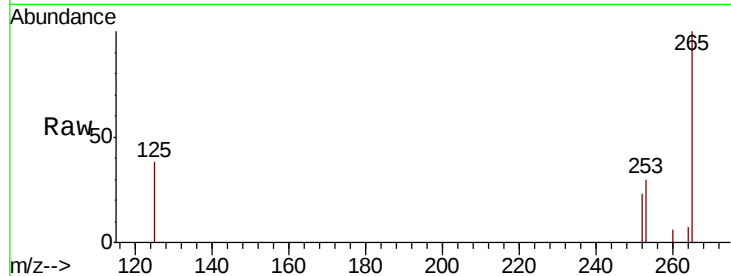
Tgt Ion: 252 Resp: 22

Ion Ratio Lower Upper

252 100

253 126.9 17.8 26.8#

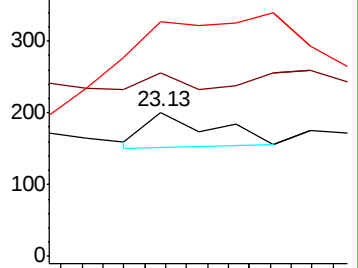
125 162.7 6.1 9.1#



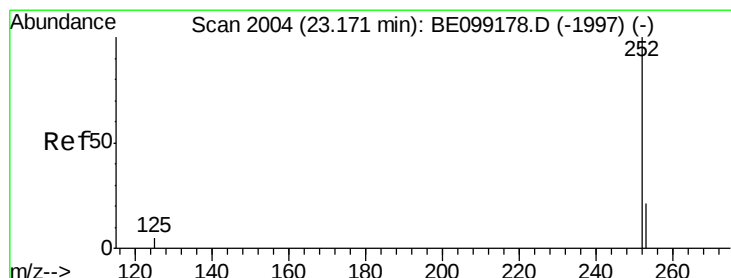
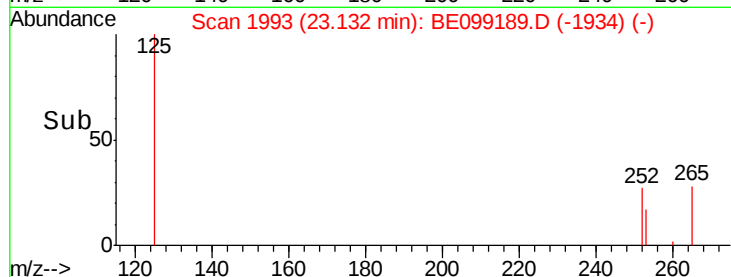
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#36

Benzo(k)fluoranthene

Concen: 0.000 ng

RT: 23.19 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

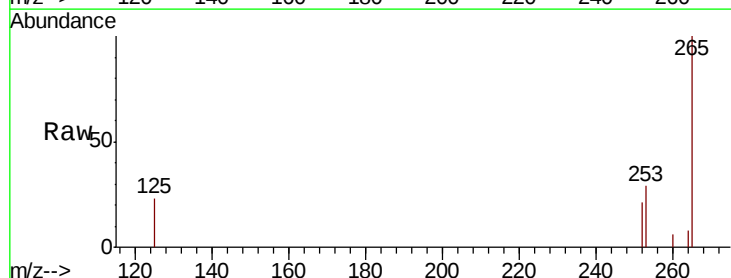
Tgt Ion: 252 Resp: 44

Ion Ratio Lower Upper

252 100

253 136.8 17.8 26.6#

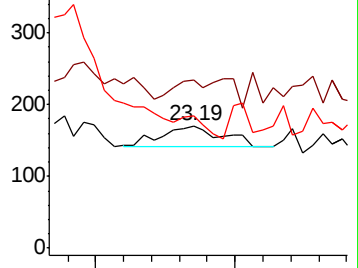
125 107.6 5.9 8.9#



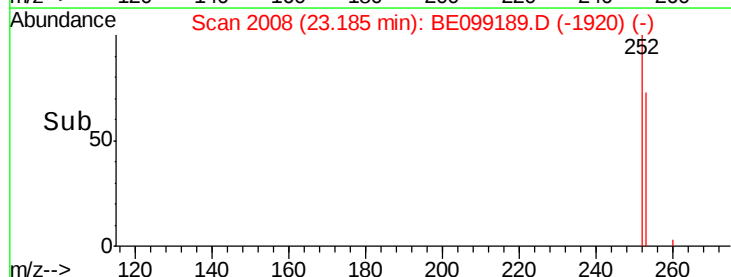
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#37

Benzo(a)pyrene

Concen: 0.000 ng

RT: 23.77 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

PB118217BL

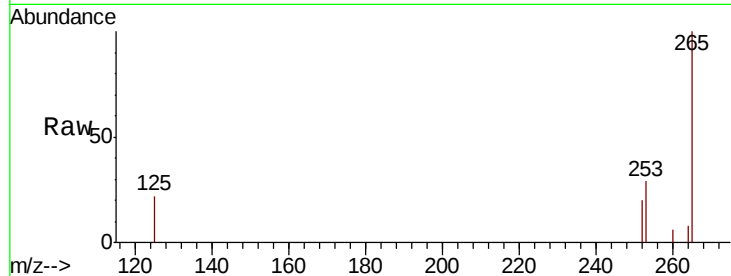
Tgt Ion:252 Resp: 32

Ion Ratio Lower Upper

252 100

253 141.6 18.1 27.1#

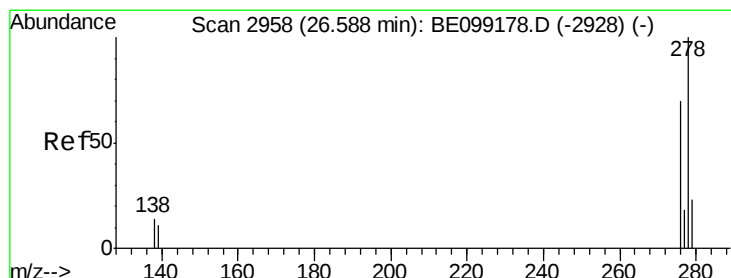
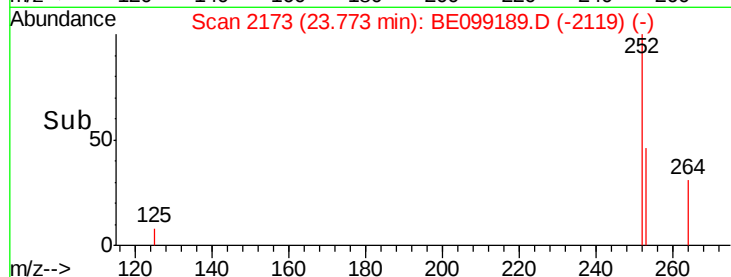
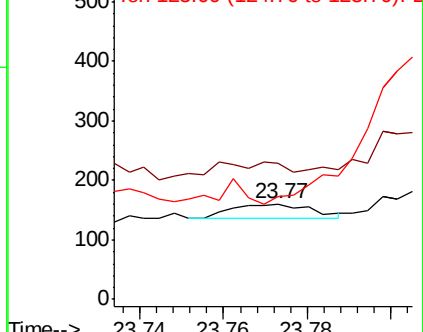
125 108.1 6.8 10.2#



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# 2959

Delta R.T. 0.00 min

Lab File: BE099189.D

Acq: 25 Mar 2019 20:53

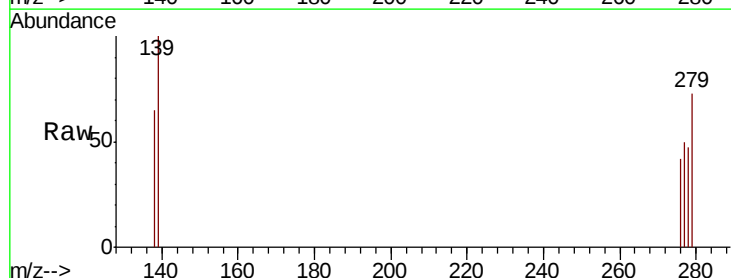
Tgt Ion:278 Resp: 9

Ion Ratio Lower Upper

278 100

139 213.6 9.5 14.3#

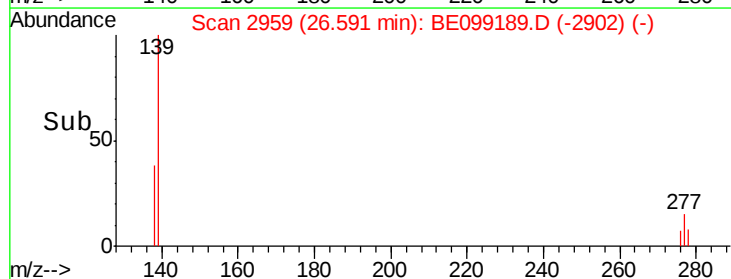
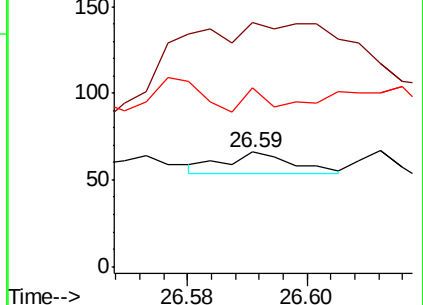
279 156.1 19.1 28.7#

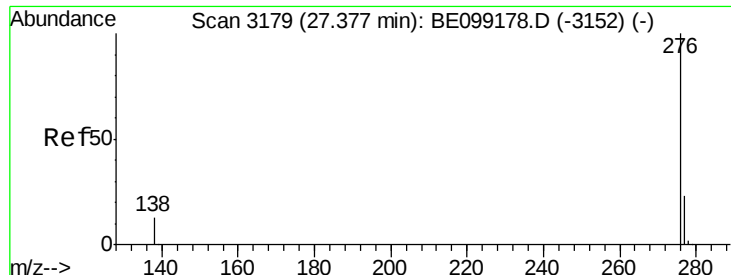


Abundance Ion 278.00 (277.70 to 278.70): E

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: 27.38 min Scan# 3181

Delta R.T. 0.01 min

Lab File: BE099189.D

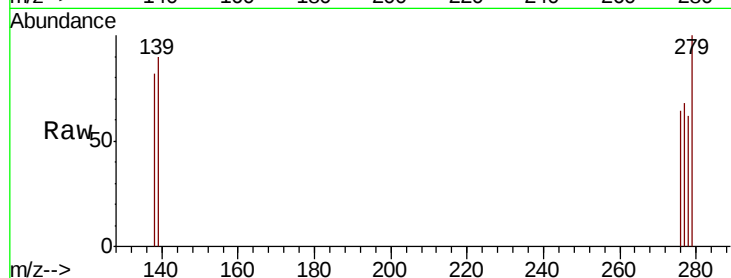
Acq: 25 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

PB118217BL



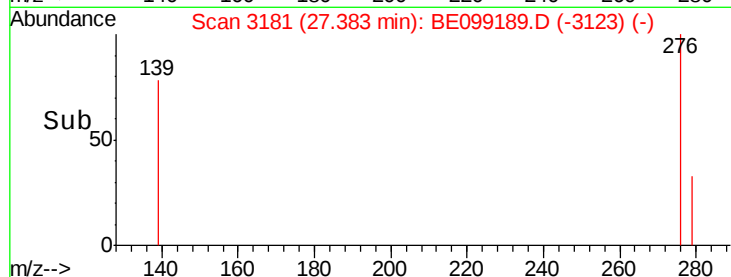
Tgt Ion: 276 Resp: 4

Ion Ratio Lower Upper

276 100

277 106.8 19.0 28.4#

138 127.1 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

27.38

Time-->