

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
 Data File : BE099460.D
 Acq On : 1 May 2019 12:40
 Operator : JU/SJ
 Sample : K2589-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B196-042519

Quant Time: May 02 04:13:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 18:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	13	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	42	0.40	ng	0.01
13) Acenaphthene-d10	14.44	164	41	0.40	ng	-0.02
19) Phenanthrene-d10	17.19	188	87	0.40	ng	0.00
27) Chrysene-d12	21.37	240	82	0.40	ng	0.00
34) Perylene-d12	23.87	264	29	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	23	0.64	ng	0.01
5) Phenol-d6	7.01	99	8	0.17	ng	0.04
8) Nitrobenzene-d5	8.95	82	16	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	12.19	152	26	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	14	0.54	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	22	0.14	ng	0.00
25) Fluoranthene-d10	19.22	212	145	0.12	ng	0.00
29) Terphenyl-d14	19.81	244	49	0.33	ng	0.00

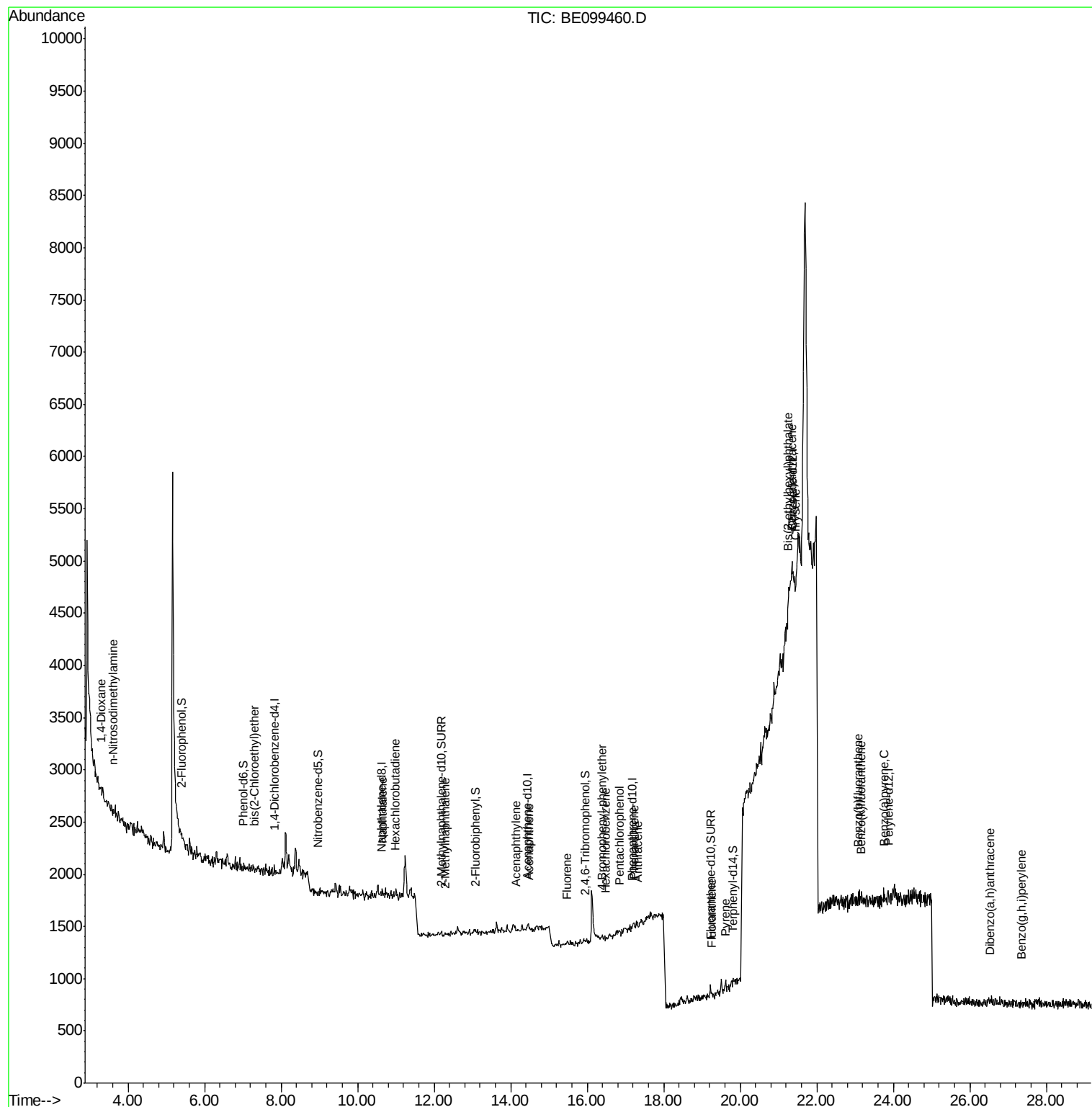
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	39	2.181	ng	# 1
3) n-Nitrosodimethylamine	3.60	42	37	3.433	ng	# 1
6) bis(2-Chloroethyl)ether	7.31	93	16	0.388	ng	# 1
9) Naphthalene	10.64	128	69	0.151	ng	# 45
10) Hexachlorobutadiene	10.98	225	7	0.220	ng	# 72
12) 2-Methylnaphthalene	12.29	142	13	0.163	ng	# 48
16) Acenaphthylene	14.14	152	10	0.050	ng	# 62
17) Acenaphthene	14.47	154	10	0.087	ng	# 17
18) Fluorene	15.46	166	18	0.106	ng	# 8
20) 4-Bromophenyl-phenylether	16.38	248	30	0.592	ng	# 64
21) Hexachlorobenzene	16.49	284	10	0.207	ng	# 45
22) Pentachlorophenol	16.84	266	37	1.489	ng	# 74
23) Phenanthrene	17.23	178	87	0.388	ng	# 60
24) Anthracene	17.33	178	8	0.037	ng	# 61
26) Fluoranthene	19.25	202	69	0.205	ng	# 86
28) Pyrene	19.61	202	44	0.206	ng	# 48
30) Benzo(a)anthracene	21.34	228	64	0.245	ng	# 1
31) Chrysene	21.45	228	15	0.059	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.26	149	1217	3.231	ng	# 98
35) Benzo(b)fluoranthene	23.10	252	36	0.431	ng	# 1
36) Benzo(k)fluoranthene	23.16	252	12	0.149	ng	# 1
37) Benzo(a)pyrene	23.76	252	21	0.266	ng	# 1
38) Dibenzo(a,h)anthracene	26.53	278	8	0.099	ng	# 1
39) Benzo(g,h,i)perylene	27.34	276	3	0.037	ng	# 1

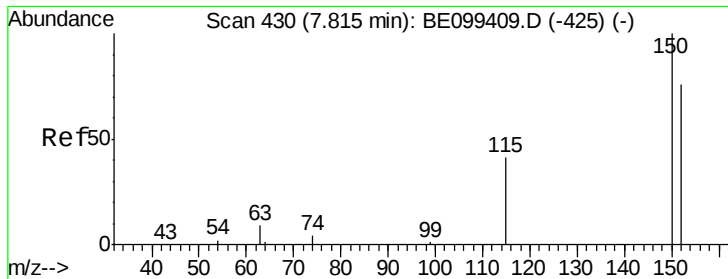
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
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QLast Update : Mon Apr 29 18:36:43 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. 0.01 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519

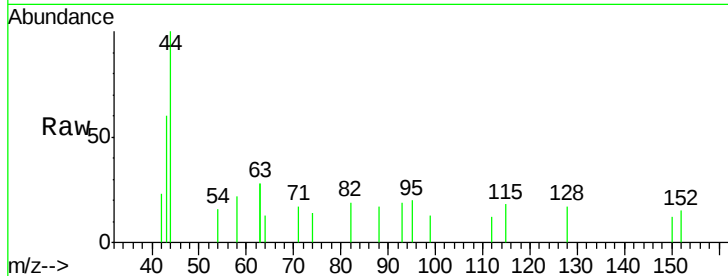
Tgt Ion: 152 Resp: 13

Ion Ratio Lower Upper

152 100

150 80.3 104.8 157.2#

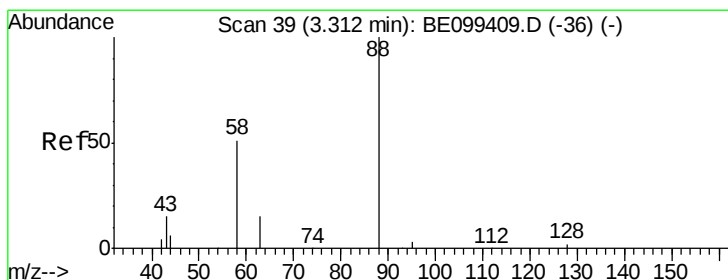
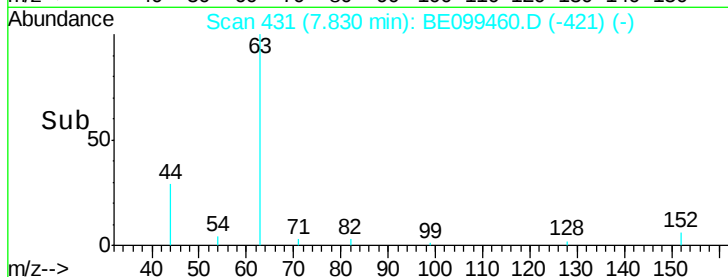
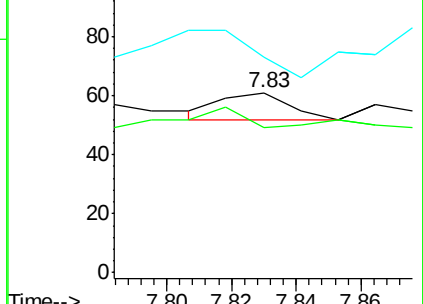
115 119.7 46.6 69.8#



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: 2.181 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.02 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

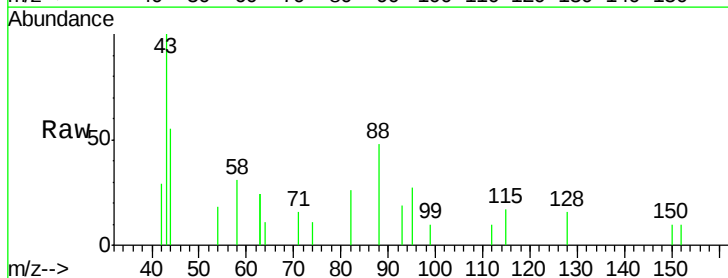
Tgt Ion: 88 Resp: 39

Ion Ratio Lower Upper

88 100

58 0.0 51.0 76.6#

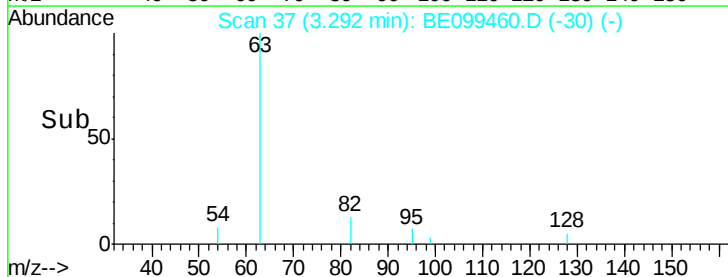
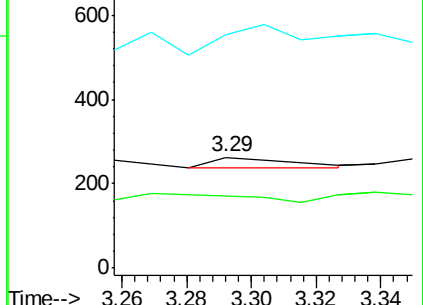
43 594.9 20.6 30.8#



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: 3.433 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.04 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

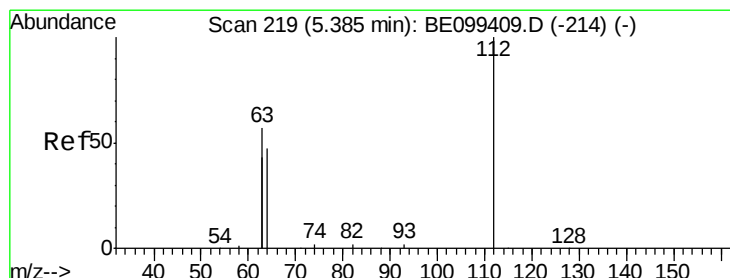
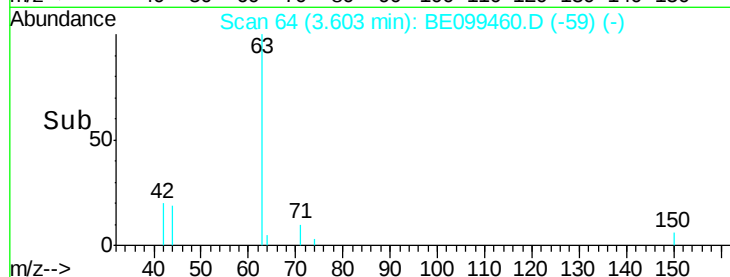
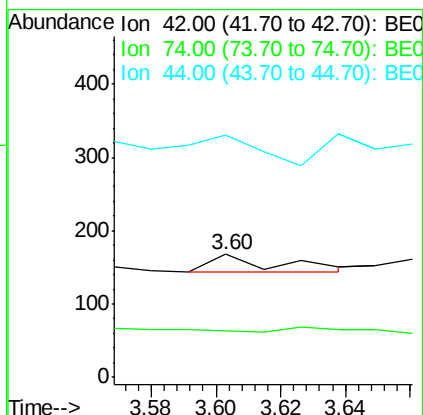
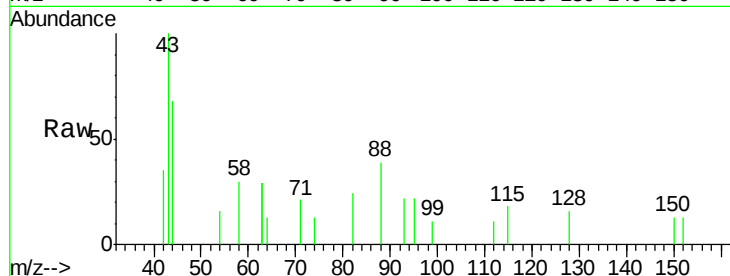
Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519

Tgt Ion:	42	Resp:	37
Ion	Ratio	Lower	Upper
42	100		
74	0.0	141.6	212.4#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.640 ng

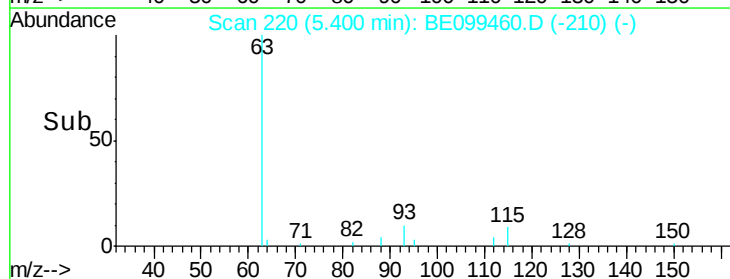
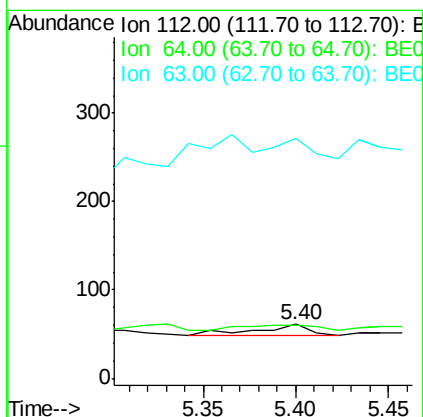
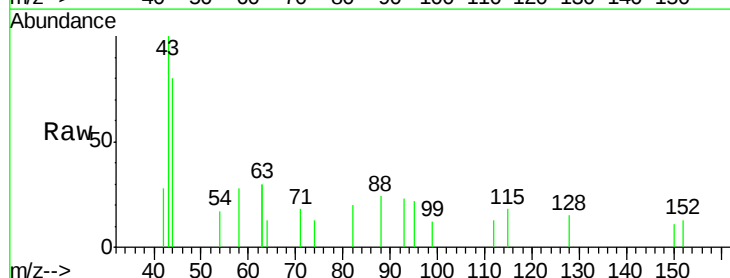
RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

Tgt Ion:	112	Resp:	23
Ion	Ratio	Lower	Upper
112	100		
64	82.6	47.4	71.0#
63	0.0	104.3	156.5#





#5

Phenol-d6

Concen: 0.167 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.04 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519

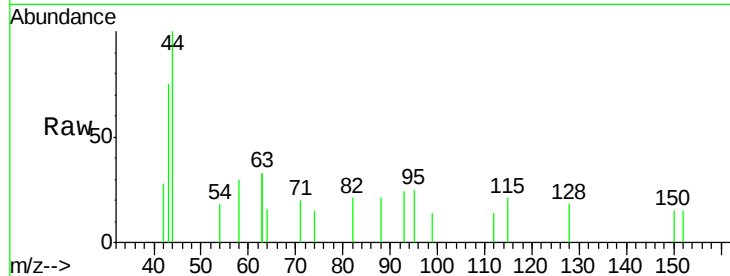
Tgt Ion: 99 Resp: 8

Ion Ratio Lower Upper

99 100

42 225.0 14.9 22.3#

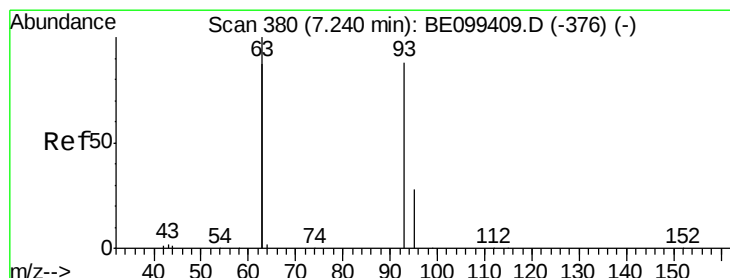
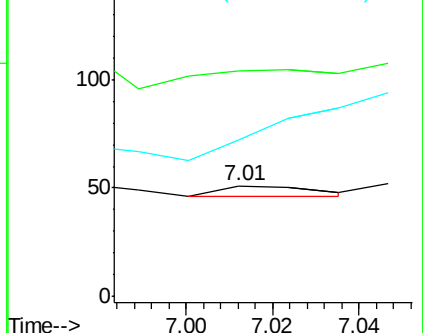
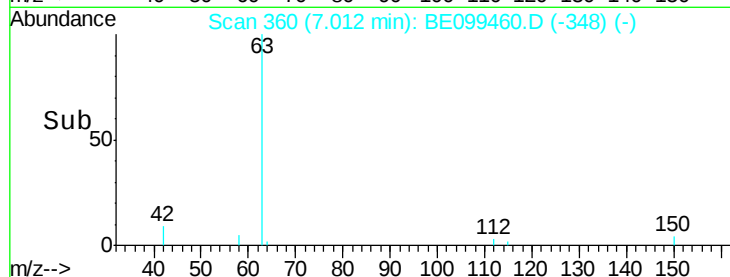
71 0.0 33.0 49.6#



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: 0.388 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.07 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

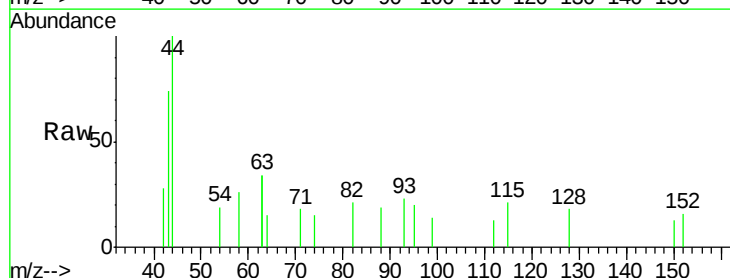
Tgt Ion: 93 Resp: 16

Ion Ratio Lower Upper

93 100

63 481.3 215.6 323.4#

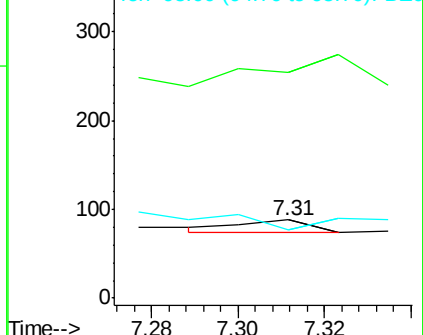
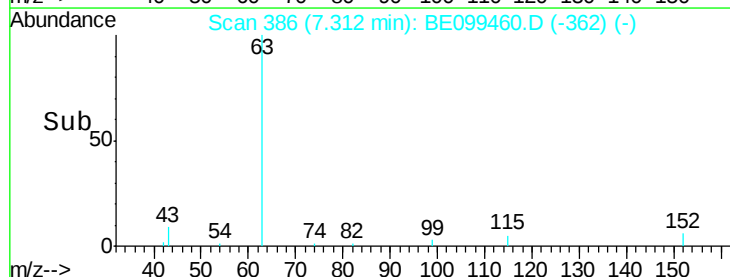
95 0.0 26.2 39.2#



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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519

Tgt Ion: 136 Resp: 42

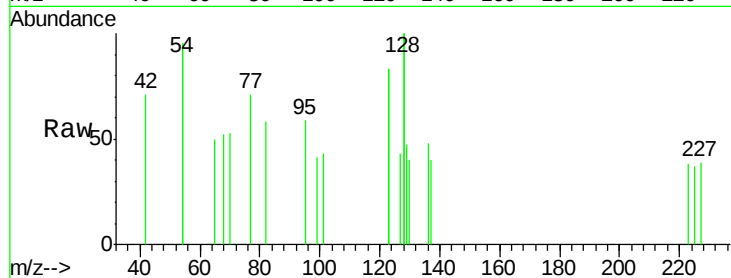
Ion Ratio Lower Upper

136 100

137 82.3 9.8 14.8#

54 396.8 18.5 27.7#

68 108.1 4.7 7.1#



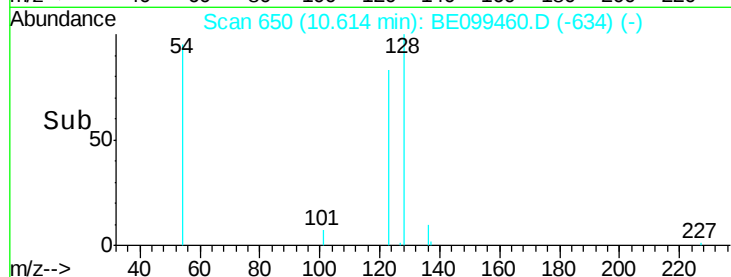
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

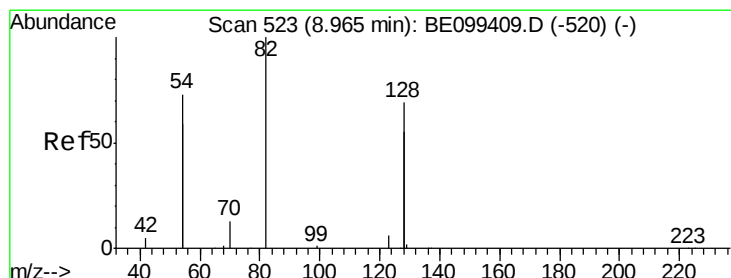
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.406 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

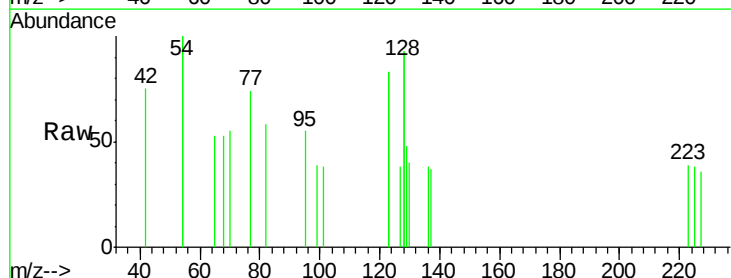
Tgt Ion: 82 Resp: 16

Ion Ratio Lower Upper

82 100

128 320.5 107.0 160.4#

54 343.6 113.1 169.7#

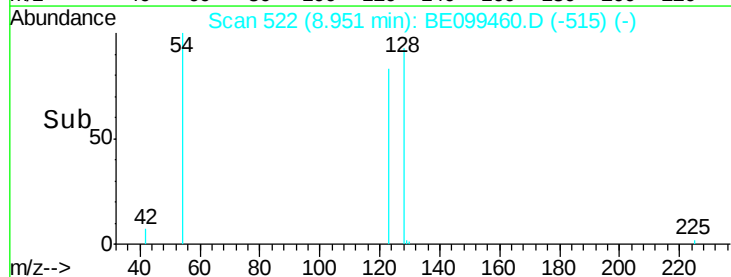


Abundance Ion 82.00 (81.70 to 82.70): BE0

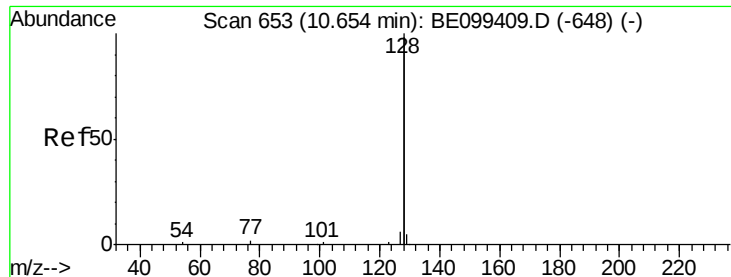
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#9

Naphthalene

Concen: 0.151 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519

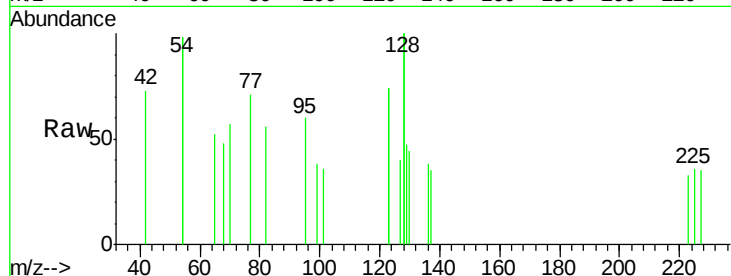
Tgt Ion:128 Resp: 69

Ion Ratio Lower Upper

128 100

129 23.7 2.4 3.6#

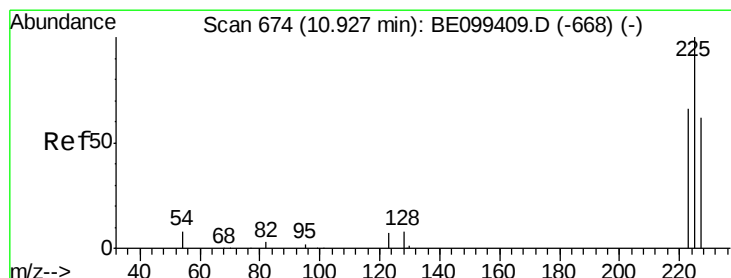
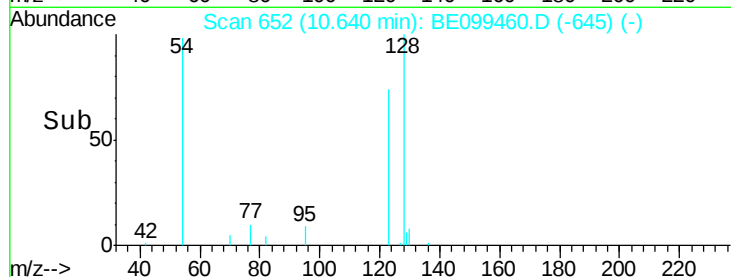
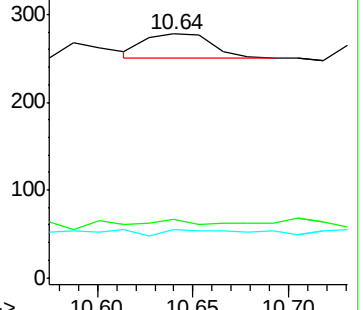
127 19.8 2.8 4.2#



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: 0.220 ng

RT: 10.98 min Scan# 678

Delta R.T. 0.05 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

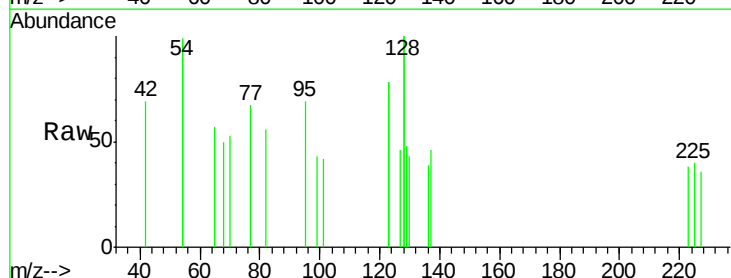
Tgt Ion:225 Resp: 7

Ion Ratio Lower Upper

225 100

223 28.6 51.0 76.6#

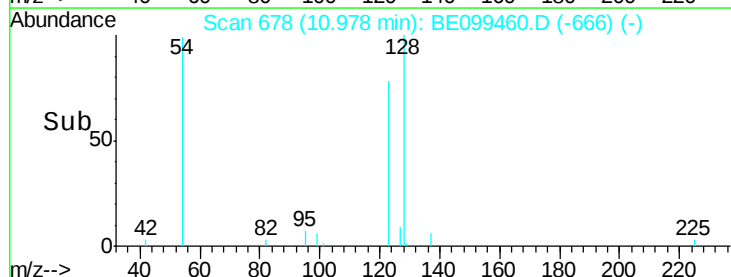
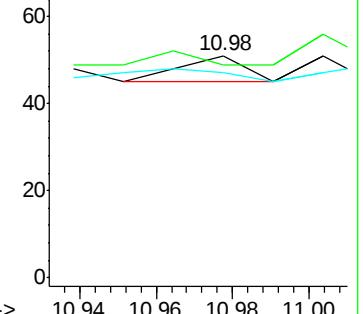
227 71.4 50.9 76.3

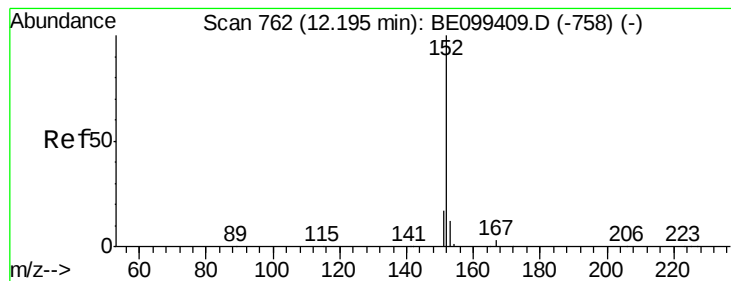


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.344 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

Instrument :

BNA_E

ClientSampleId :

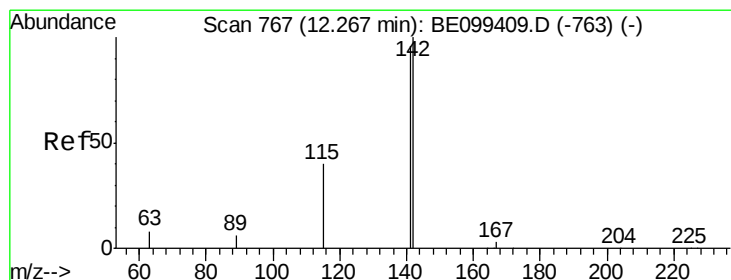
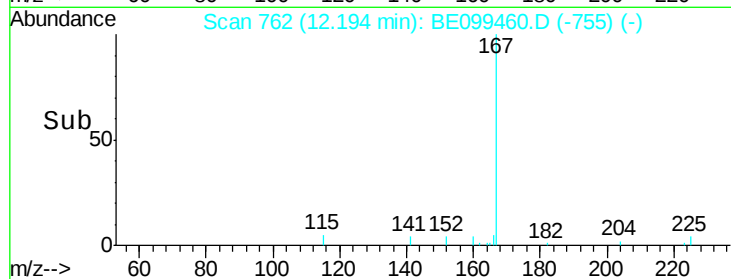
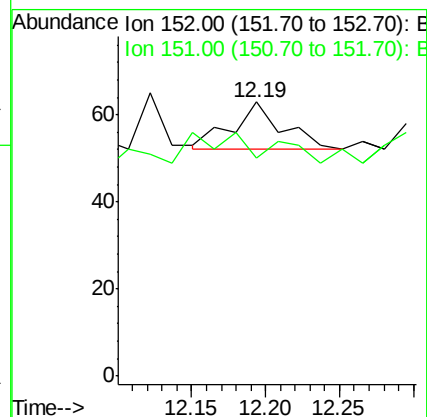
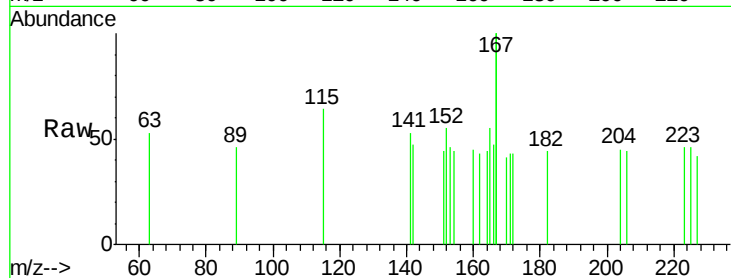
PST-001-B196-042519

Tgt Ion:152 Resp: 26

Ion Ratio Lower Upper

152 100

151 0.0 15.5 23.3#



#12

2-Methylnaphthalene

Concen: 0.163 ng

RT: 12.29 min Scan# 769

Delta R.T. 0.03 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

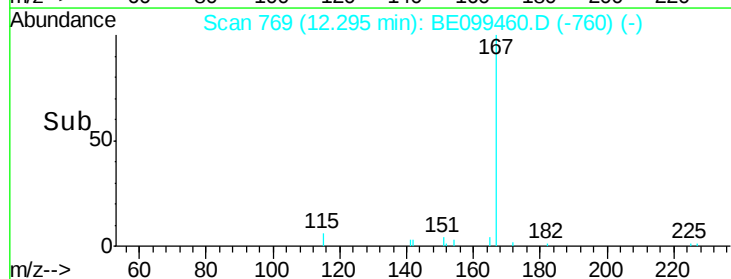
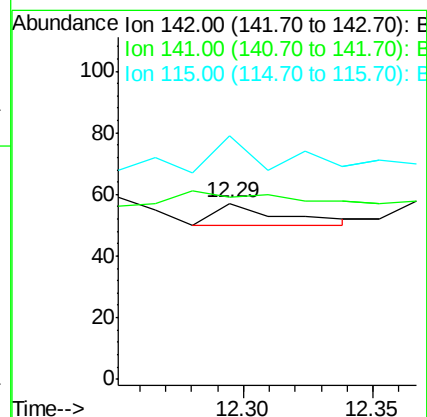
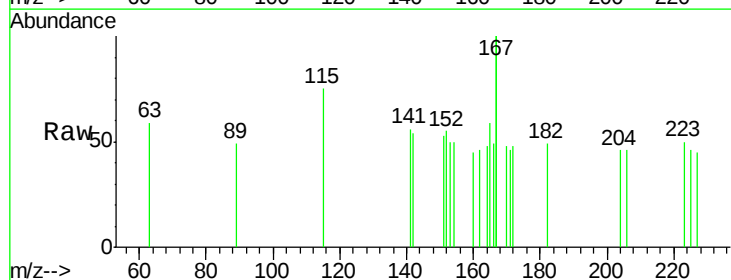
Tgt Ion:142 Resp: 13

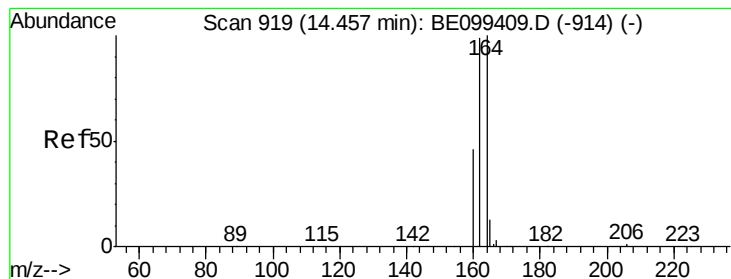
Ion Ratio Lower Upper

142 100

141 103.5 77.0 115.4

115 138.6 33.4 50.0#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.02 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519

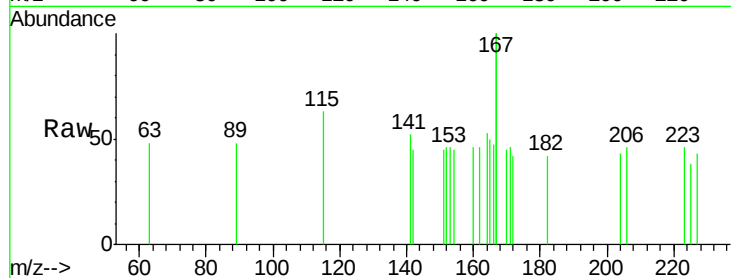
Tgt Ion:164 Resp: 41

Ion Ratio Lower Upper

164 100

162 85.9 79.0 118.4

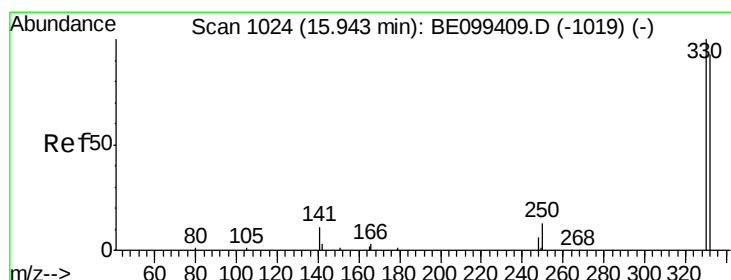
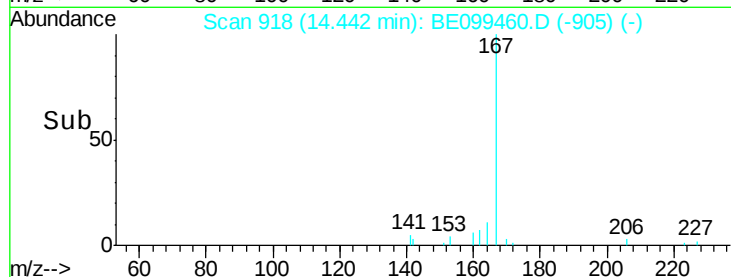
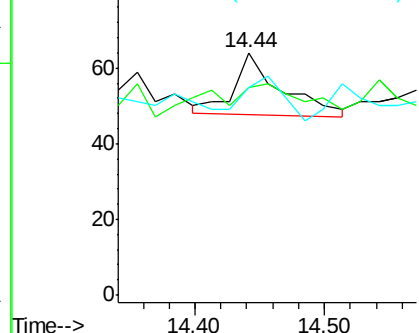
160 85.9 37.0 55.4#



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: 0.542 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

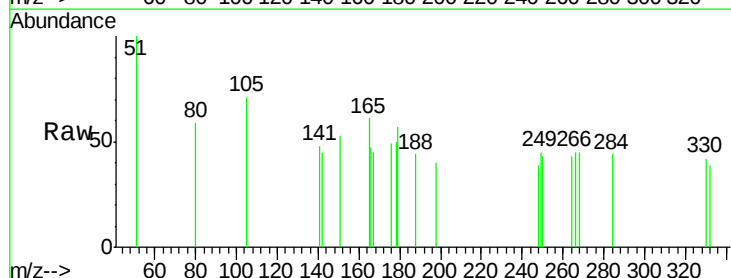
Tgt Ion:330 Resp: 14

Ion Ratio Lower Upper

330 100

332 0.0 71.5 107.3#

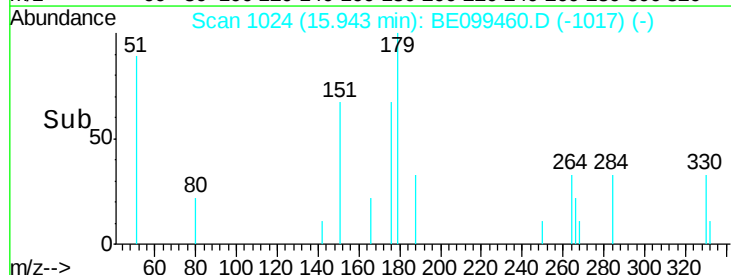
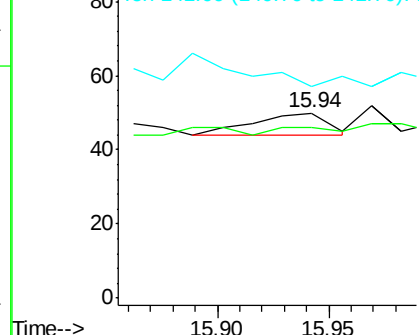
141 0.0 24.0 36.0#

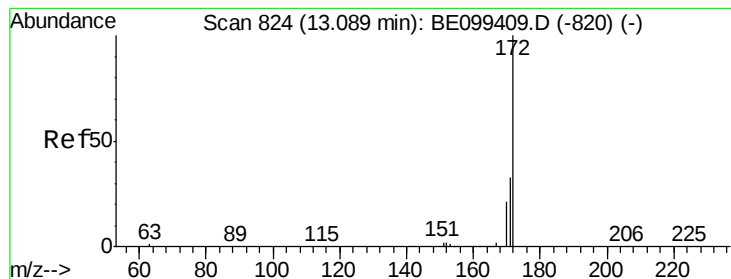


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.141 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519

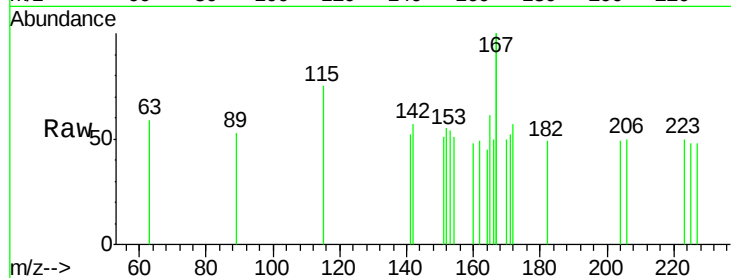
Tgt Ion:172 Resp: 22

Ion Ratio Lower Upper

172 100

171 91.5 26.6 39.8#

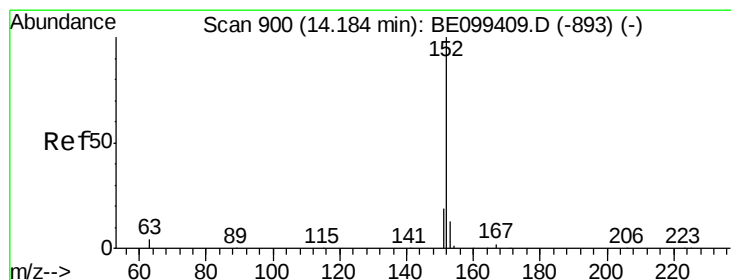
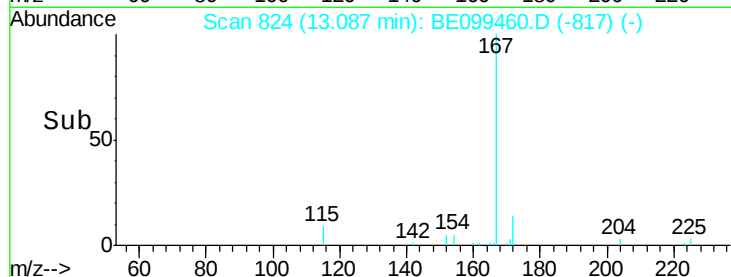
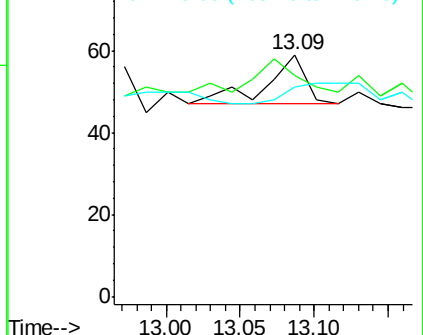
170 86.4 17.0 25.6#



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: 0.050 ng

RT: 14.14 min Scan# 897

Delta R.T. -0.04 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

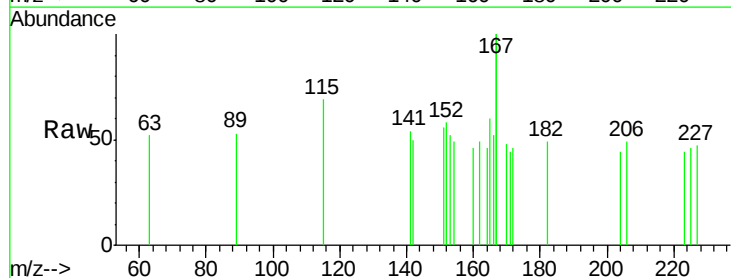
Tgt Ion:152 Resp: 10

Ion Ratio Lower Upper

152 100

151 0.0 15.4 23.2#

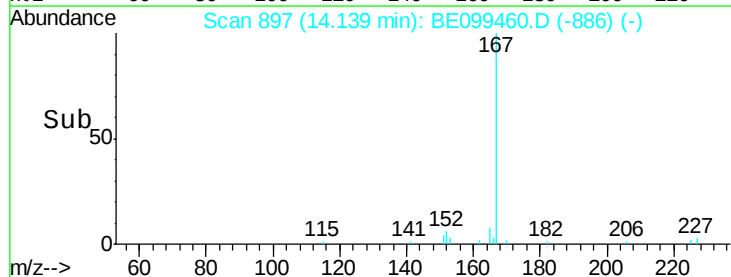
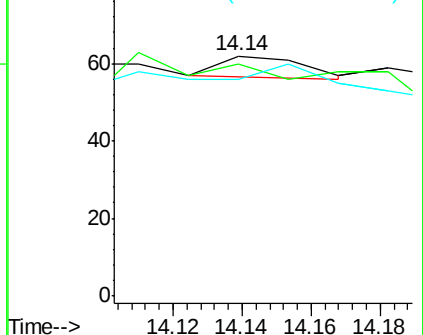
153 0.0 9.8 14.6#

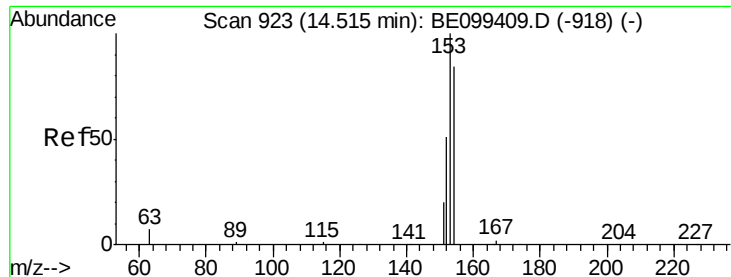


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.087 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.04 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519

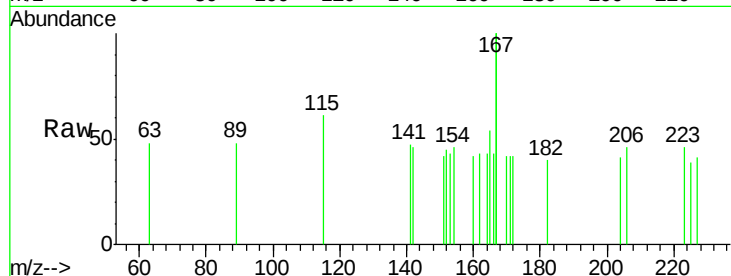
Tgt Ion:154 Resp: 10

Ion Ratio Lower Upper

154 100

153 0.0 92.6 138.8#

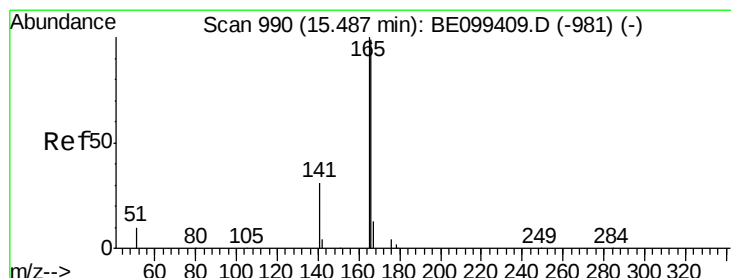
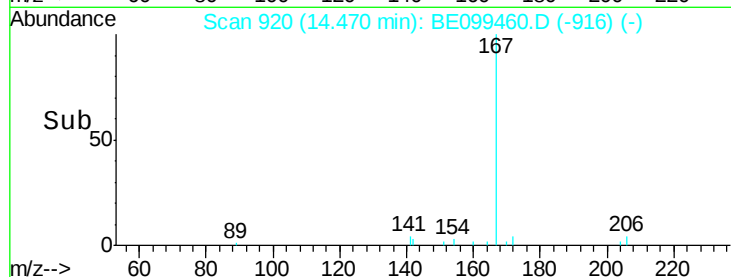
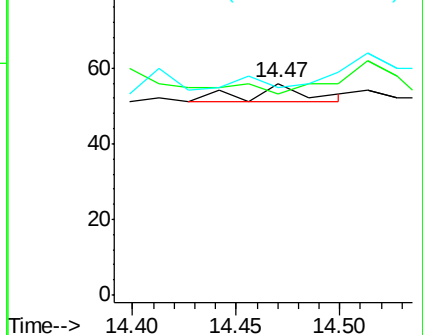
152 30.0 45.8 68.8#



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: 0.106 ng

RT: 15.46 min Scan# 988

Delta R.T. -0.03 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

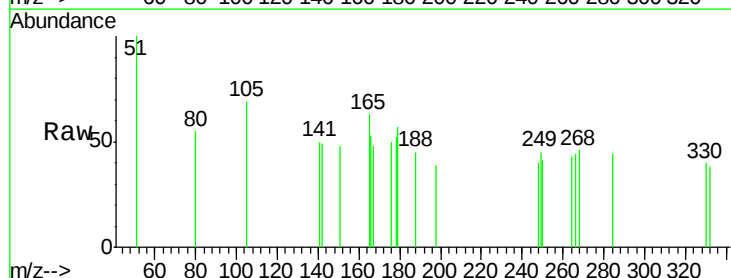
Tgt Ion:166 Resp: 18

Ion Ratio Lower Upper

166 100

165 0.0 80.3 120.5#

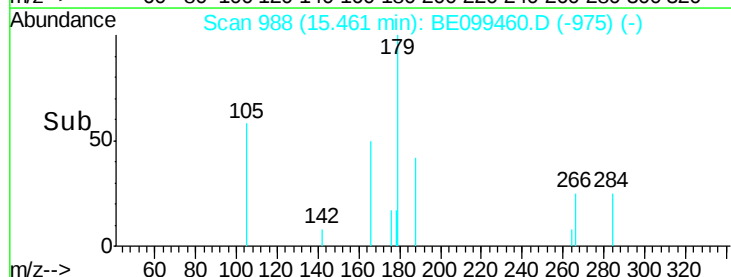
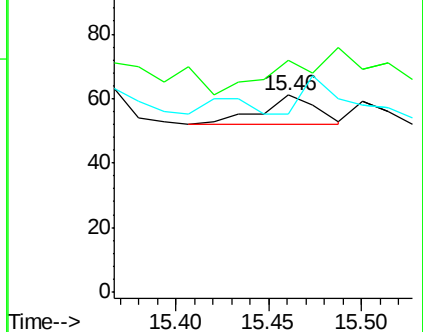
167 0.0 10.7 16.1#

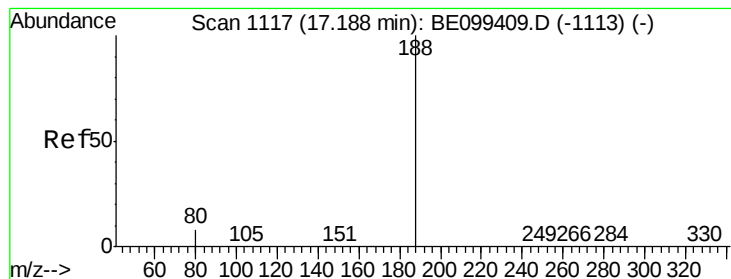


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519

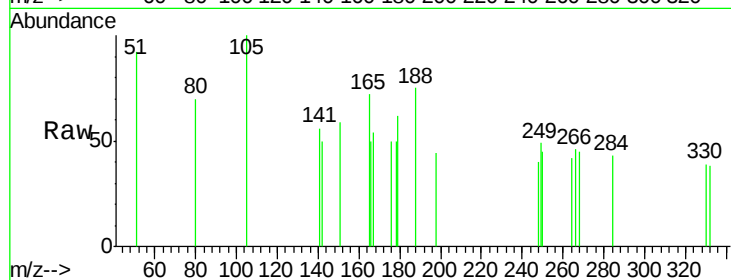
Tgt Ion:188 Resp: 87

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 93.3 6.7 10.1#



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

120

100

80

60

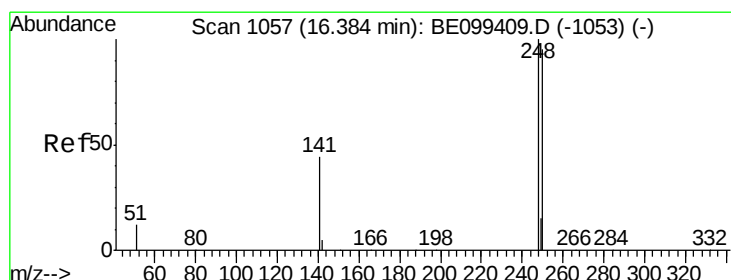
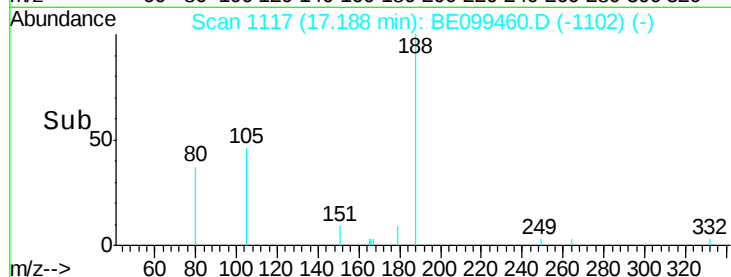
40

20

0

17.10 17.20

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.592 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

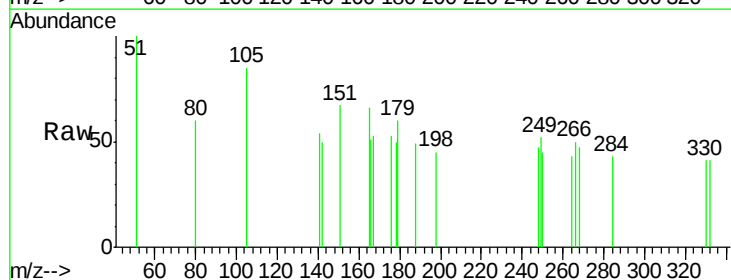
Tgt Ion:248 Resp: 30

Ion Ratio Lower Upper

248 100

250 96.2 75.8 113.8

141 115.1 35.7 53.5#



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

100

80

60

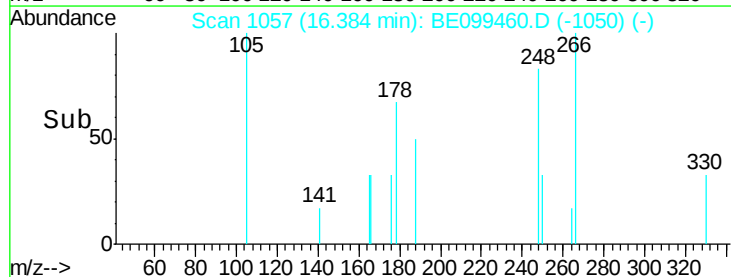
40

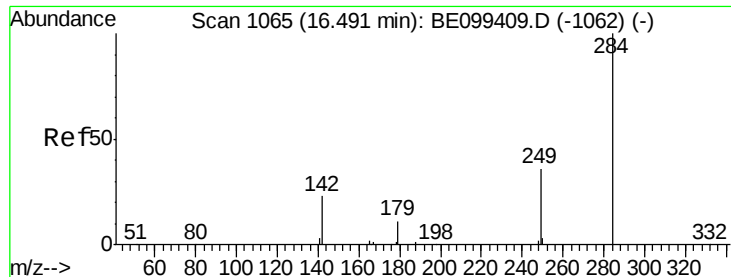
20

0

16.30 16.40 16.50

Time-->





#21

Hexachlorobenzene

Concen: 0.207 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519

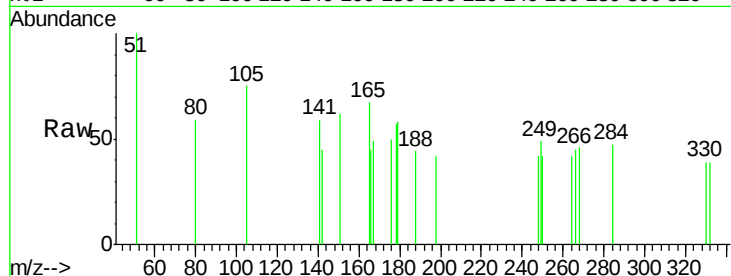
Tgt Ion:284 Resp: 10

Ion Ratio Lower Upper

284 100

142 0.0 21.0 31.6#

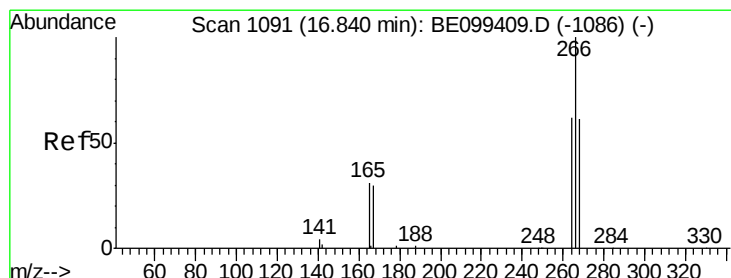
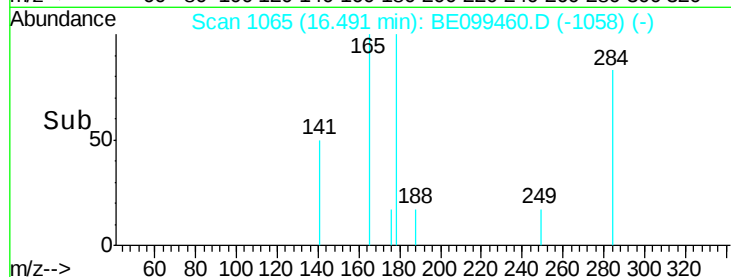
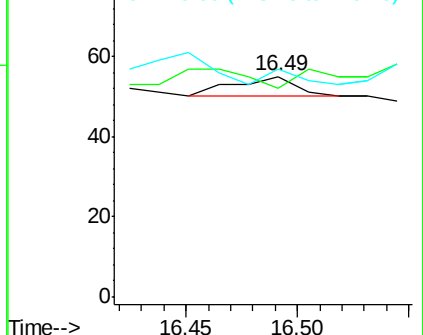
249 0.0 26.7 40.1#



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: 1.489 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

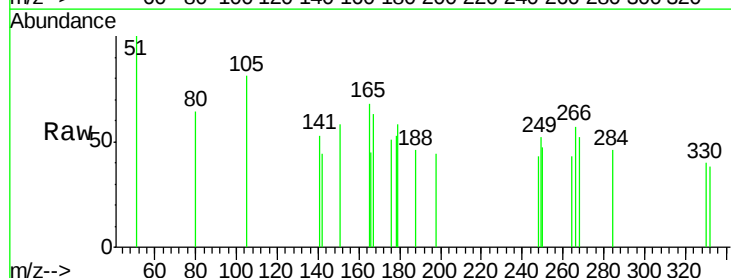
Tgt Ion:266 Resp: 37

Ion Ratio Lower Upper

266 100

264 76.1 50.8 76.2

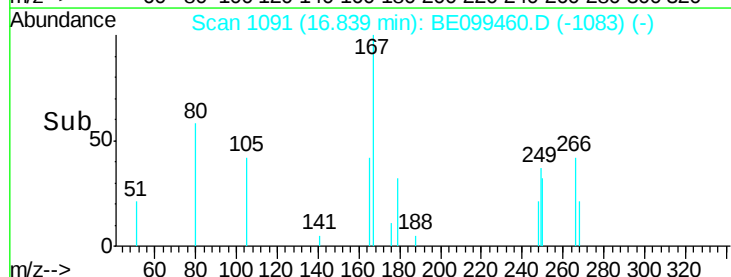
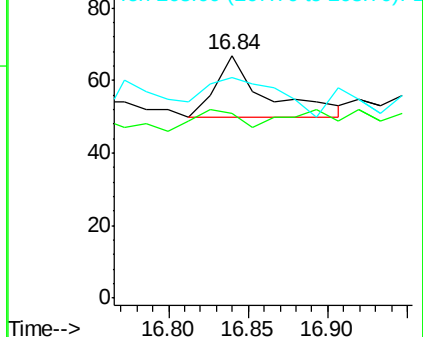
268 91.0 50.5 75.7#

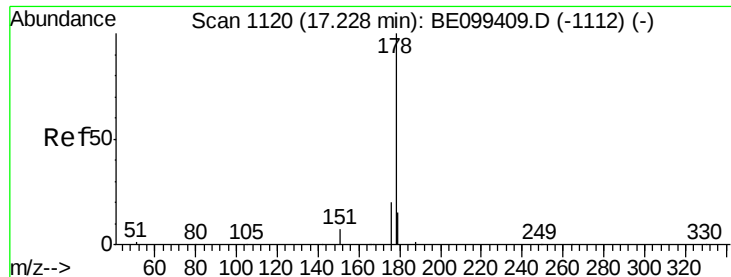


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.388 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519

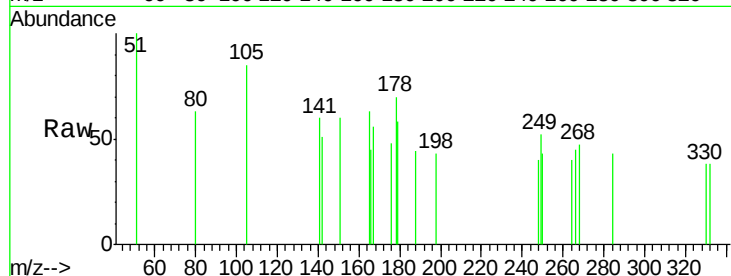
Tgt Ion:178 Resp: 87

Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

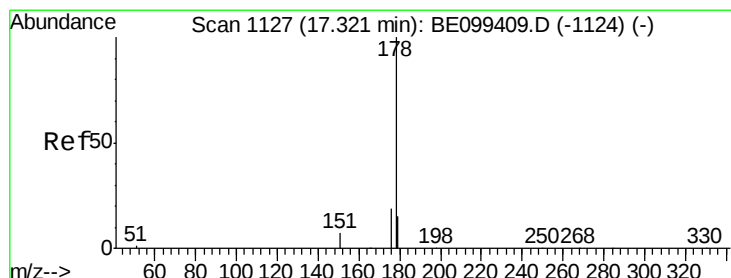
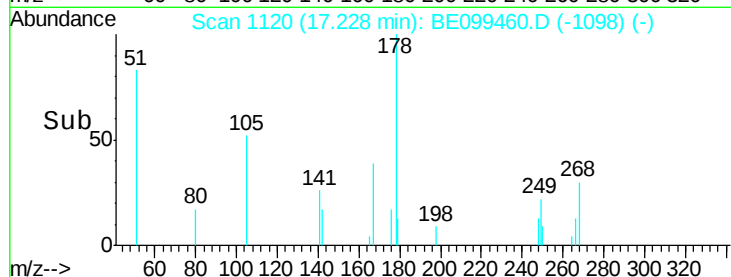
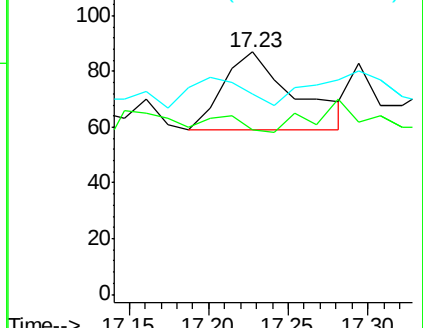
179 0.0 12.0 18.0#



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: 0.037 ng

RT: 17.33 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

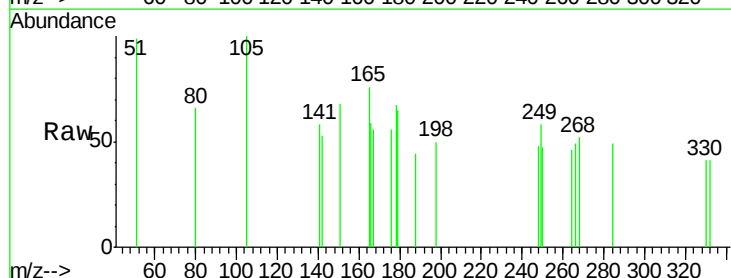
Tgt Ion:178 Resp: 8

Ion Ratio Lower Upper

178 100

176 0.0 14.9 22.3#

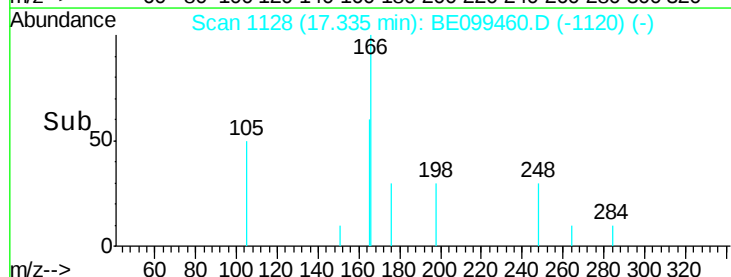
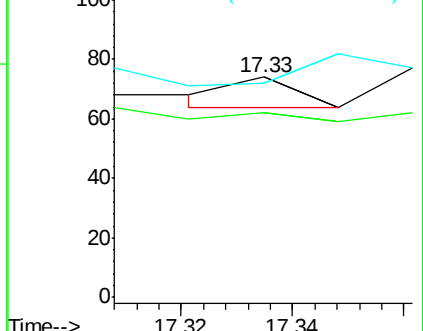
179 0.0 11.9 17.9#

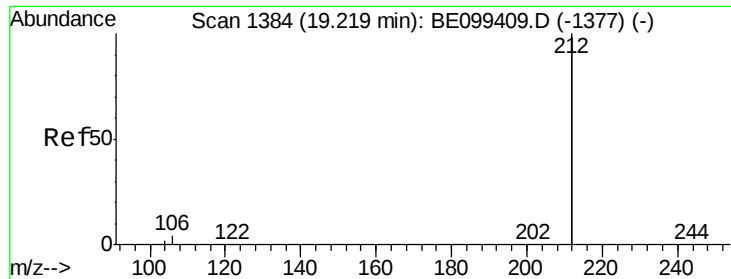


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

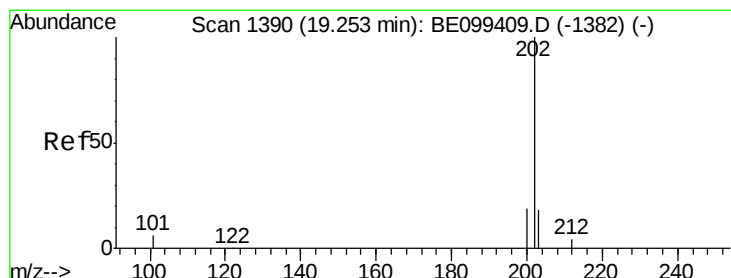
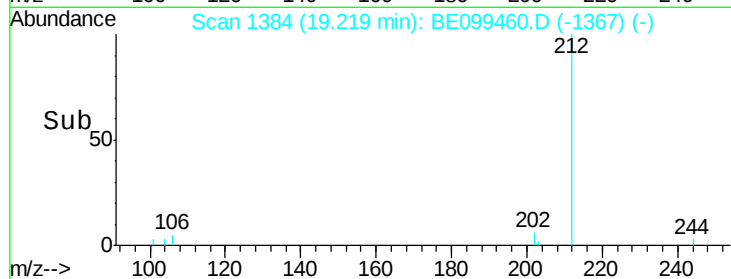
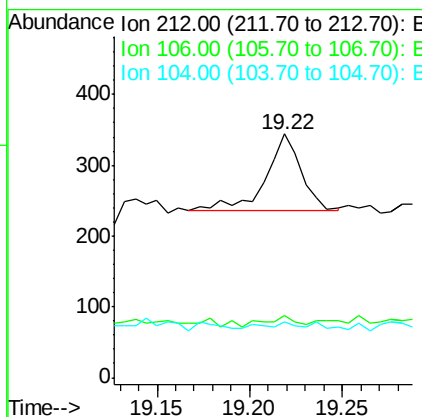
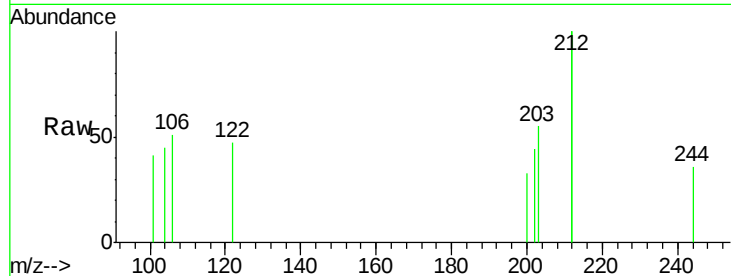




#25
Fluoranthene-d10
Concen: 0.124 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099460.D
Acq: 1 May 2019 12:40

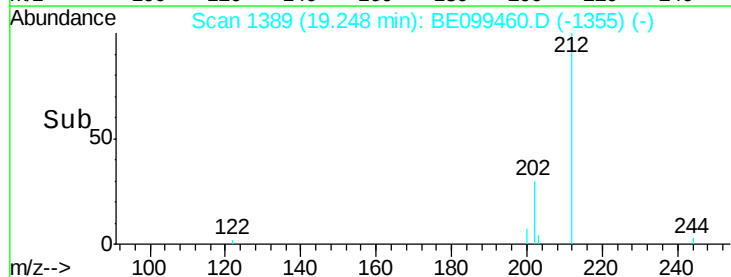
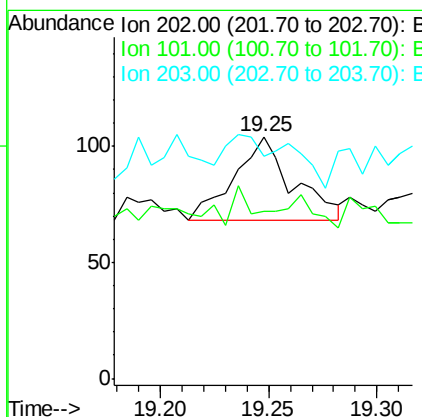
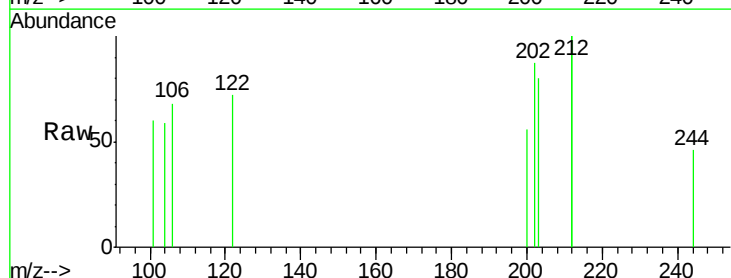
Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519

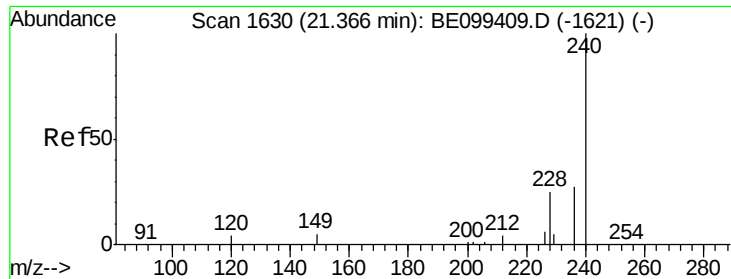
Tgt Ion: 212 Resp: 145
Ion Ratio Lower Upper
212 100
106 11.0 1.5 2.3#
104 10.3 0.9 1.3#



#26
Fluoranthene
Concen: 0.205 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099460.D
Acq: 1 May 2019 12:40

Tgt Ion: 202 Resp: 69
Ion Ratio Lower Upper
202 100
101 11.6 5.4 8.0#
203 23.2 13.9 20.9#

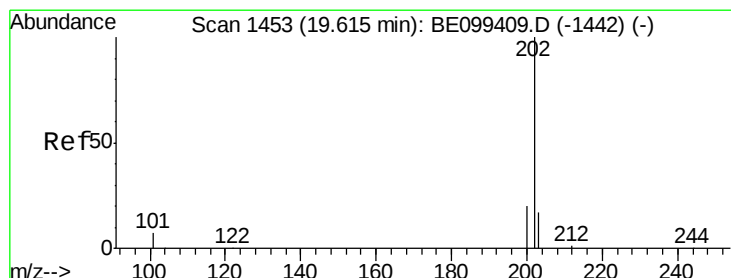
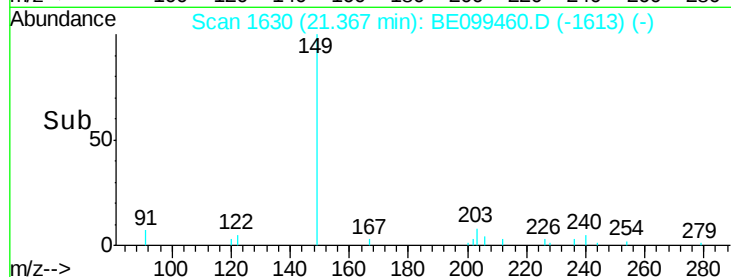
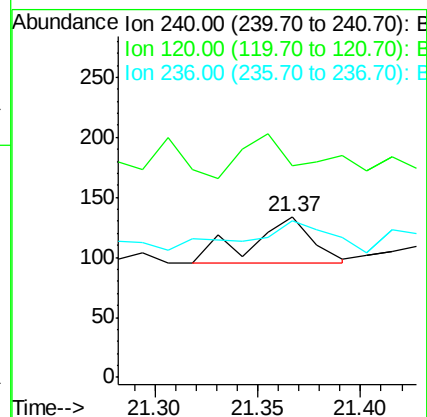
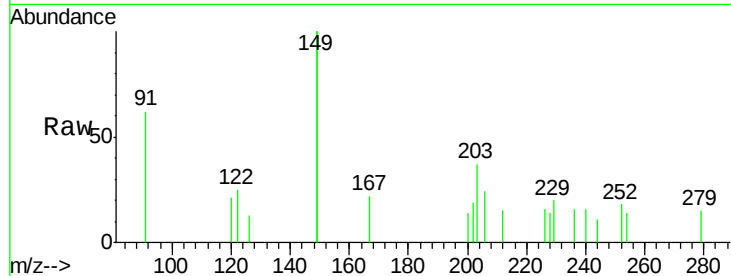




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099460.D
Acq: 1 May 2019 12:40

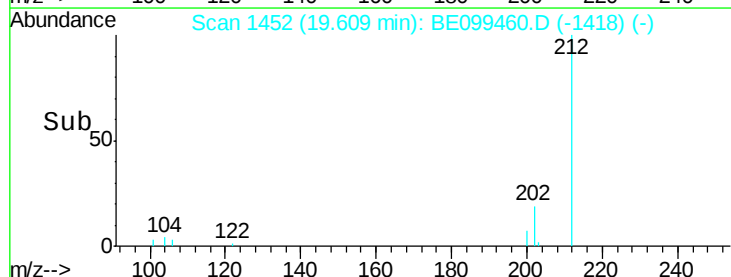
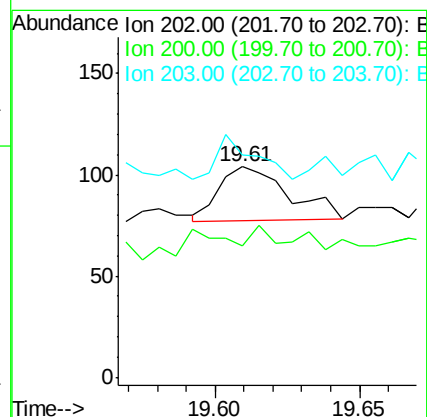
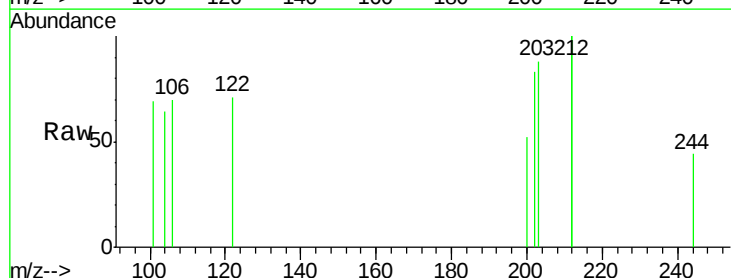
Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519

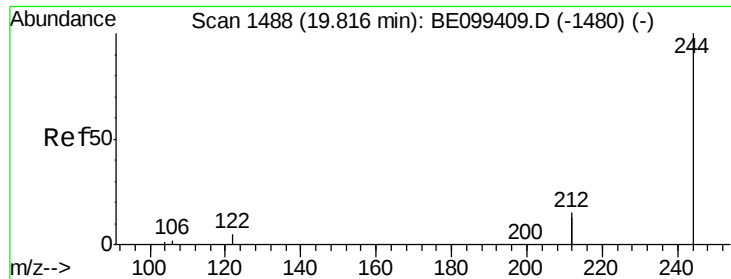
Tgt Ion:240 Resp: 82
Ion Ratio Lower Upper
240 100
120 131.3 4.0 6.0#
236 97.0 22.0 33.0#



#28
Pyrene
Concen: 0.206 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099460.D
Acq: 1 May 2019 12:40

Tgt Ion:202 Resp: 44
Ion Ratio Lower Upper
202 100
200 40.9 15.7 23.5#
203 43.2 13.9 20.9#





#29

Terphenyl-d14

Concen: 0.326 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519

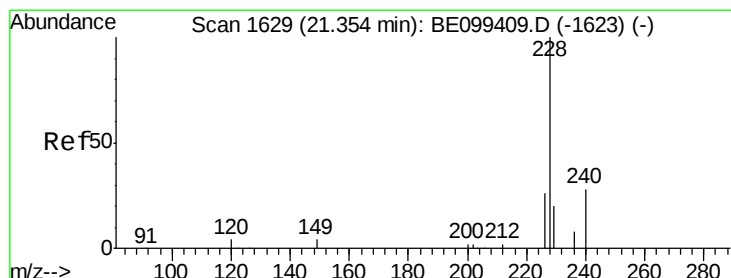
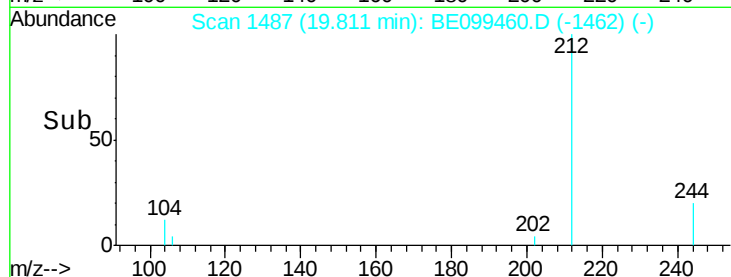
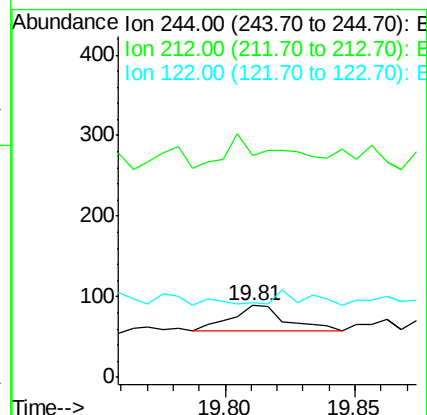
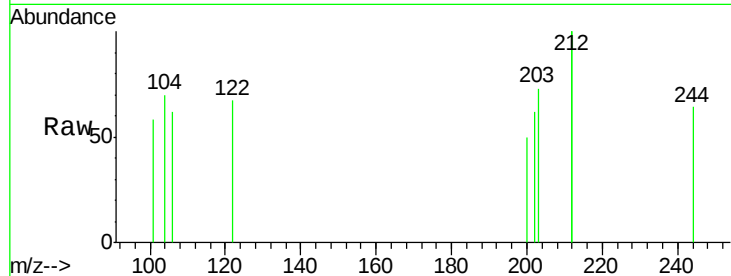
Tgt Ion:244 Resp: 49

Ion Ratio Lower Upper

244 100

212 310.1 23.2 34.8#

122 104.5 4.2 6.4#



#30

Benzo(a)anthracene

Concen: 0.245 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

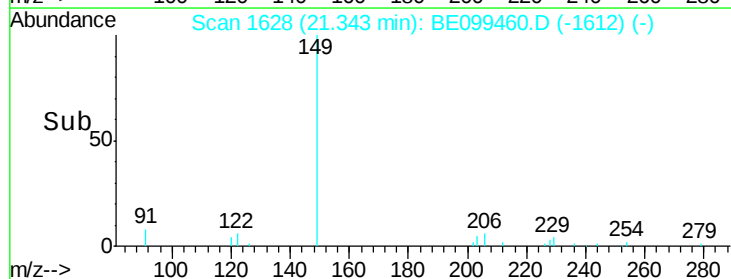
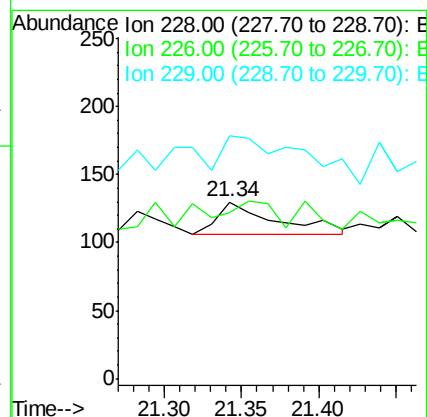
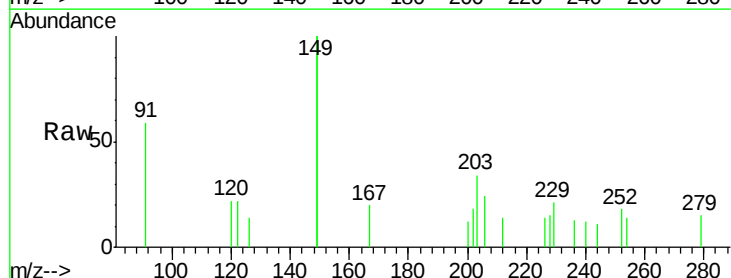
Tgt Ion:228 Resp: 64

Ion Ratio Lower Upper

228 100

226 93.8 21.0 31.6#

229 137.7 16.6 25.0#





#31

Chrysene

Concen: 0.059 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.05 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519

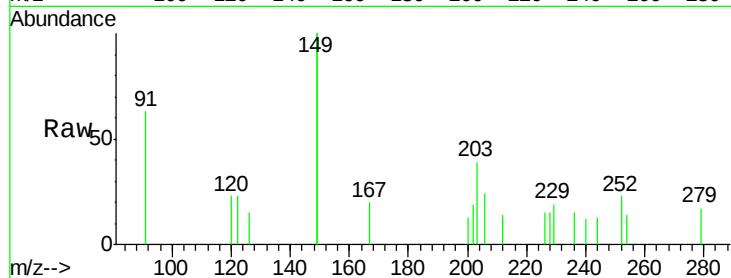
Tgt Ion:228 Resp: 15

Ion Ratio Lower Upper

228 100

226 97.5 24.0 36.0#

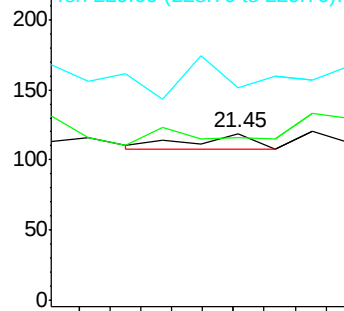
229 127.7 15.8 23.8#



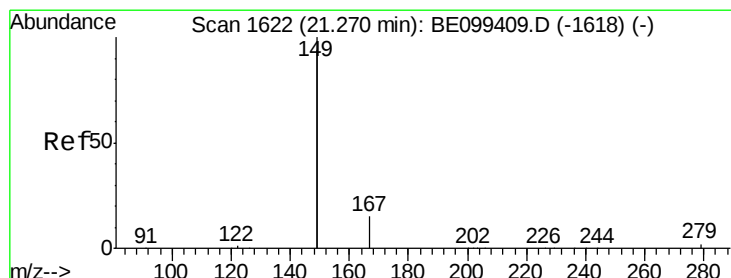
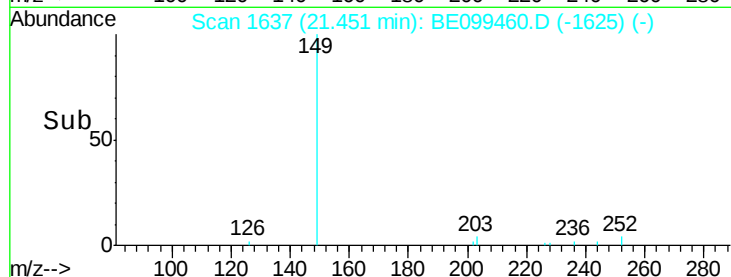
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 3.231 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

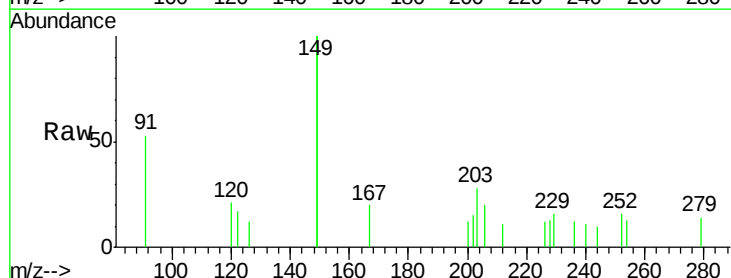
Tgt Ion:149 Resp: 1217

Ion Ratio Lower Upper

149 100

167 7.9 5.8 8.6

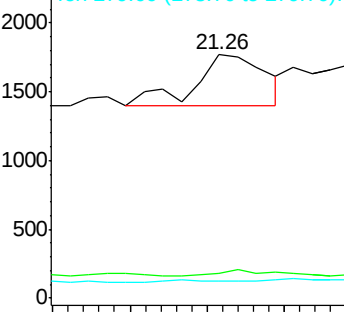
279 0.0 1.0 1.6#



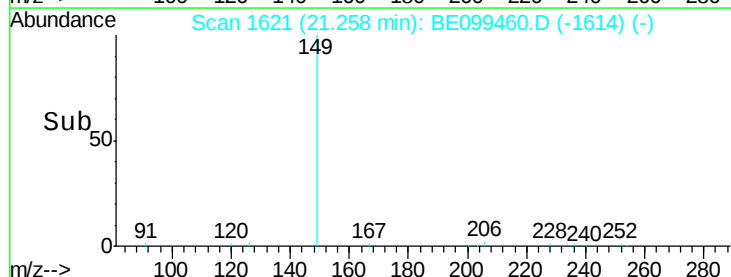
Abundance Ion 149.00 (148.70 to 149.70): E

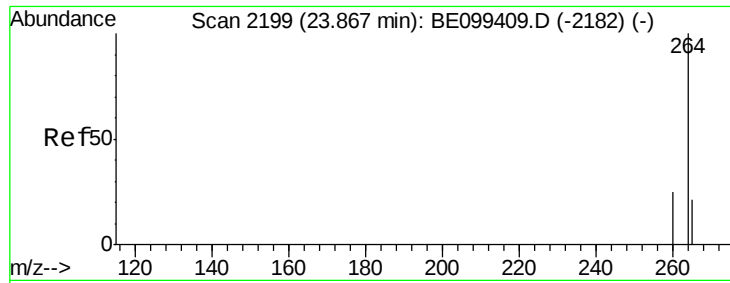
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

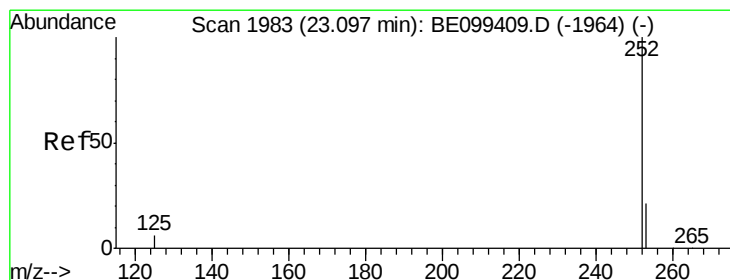
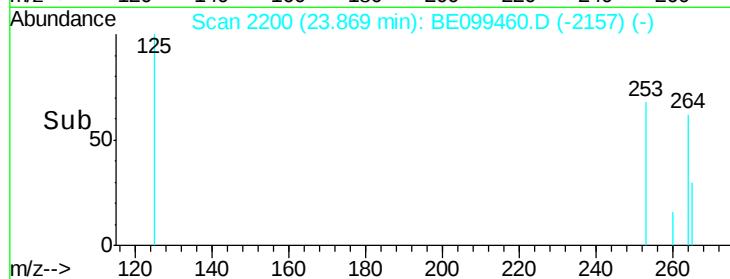
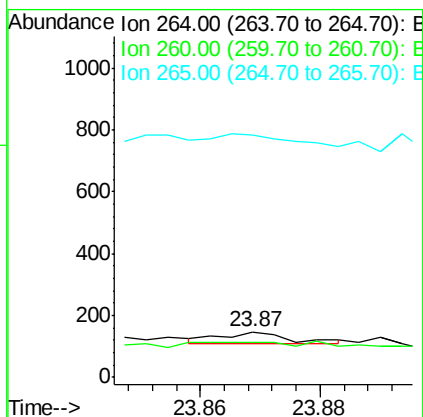
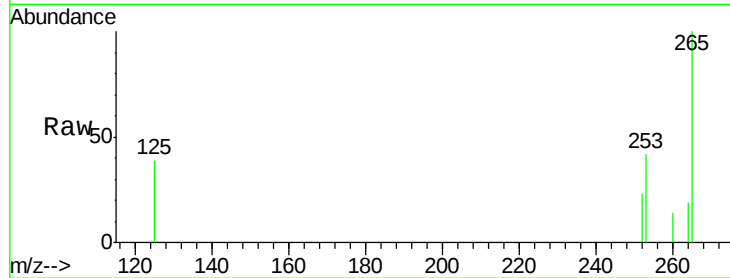




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.87 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: BE099460.D
 Acq: 1 May 2019 12:40

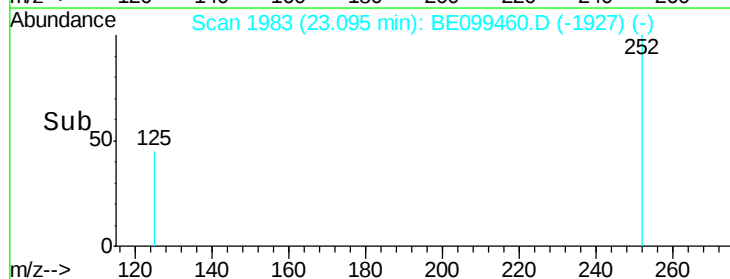
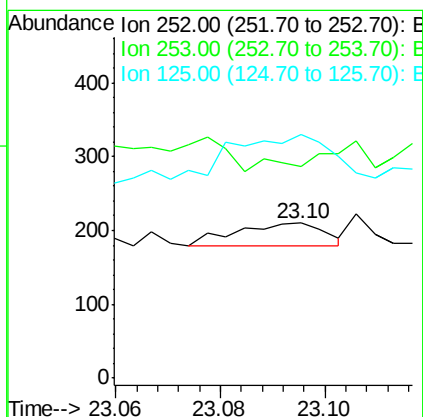
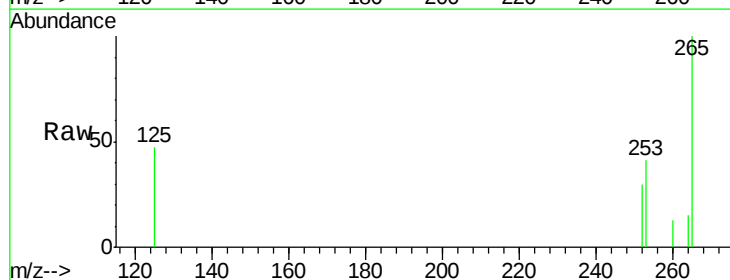
Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B196-042519

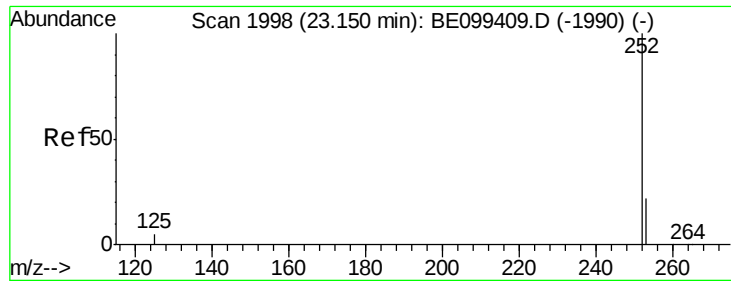
Tgt Ion: 264 Resp: 29
 Ion Ratio Lower Upper
 264 100
 260 75.5 20.2 30.2#
 265 533.3 21.3 31.9#



#35
 Benzo(b)fluoranthene
 Concen: 0.431 ng
 RT: 23.10 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BE099460.D
 Acq: 1 May 2019 12:40

Tgt Ion: 252 Resp: 36
 Ion Ratio Lower Upper
 252 100
 253 136.7 18.1 27.1#
 125 157.1 5.6 8.4#

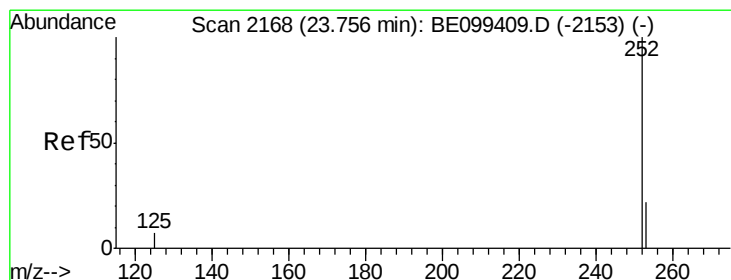
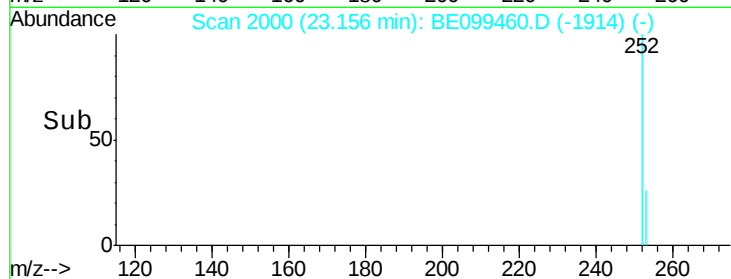
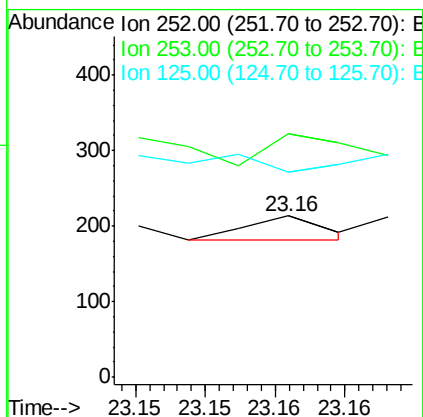
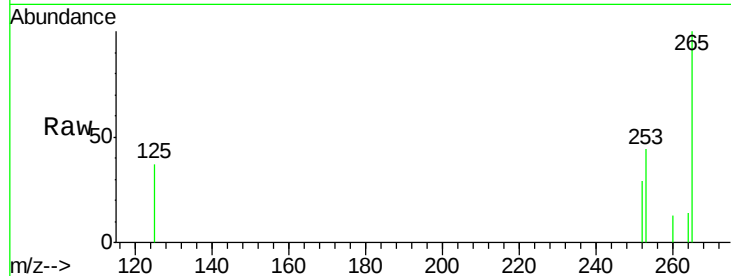




#36
Benzo(k)fluoranthene
Concen: 0.149 ng
RT: 23.16 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BE099460.D
Acq: 1 May 2019 12:40

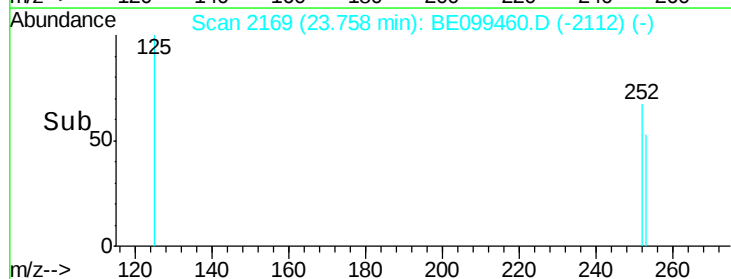
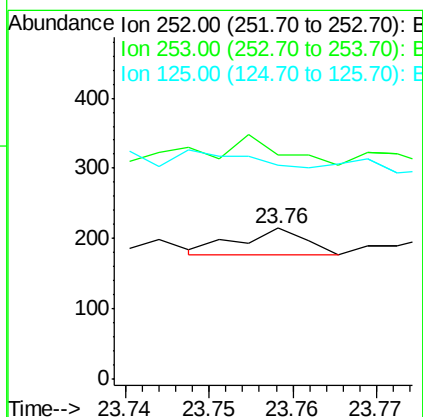
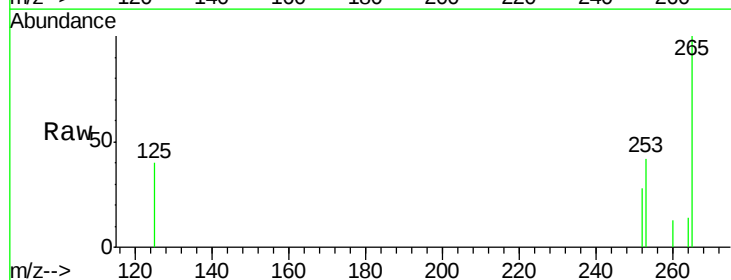
Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519

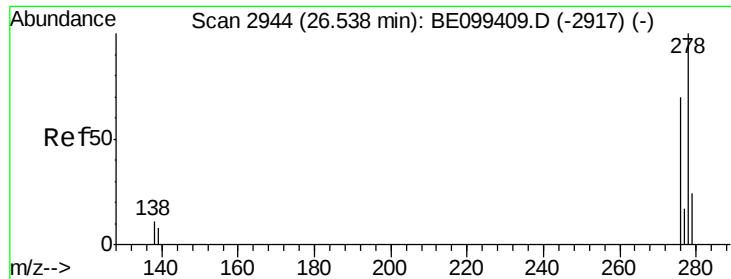
Tgt Ion: 252 Resp: 12
Ion Ratio Lower Upper
252 100
253 151.2 18.4 27.6#
125 127.2 5.0 7.4#



#37
Benzo(a)pyrene
Concen: 0.266 ng
RT: 23.76 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BE099460.D
Acq: 1 May 2019 12:40

Tgt Ion: 252 Resp: 21
Ion Ratio Lower Upper
252 100
253 149.1 18.9 28.3#
125 142.1 6.7 10.1#





#38

Dibenzo(a,h)anthracene

Concen: 0.099 ng

RT: 26.53 min Scan# 2943

Delta R.T. -0.00 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519

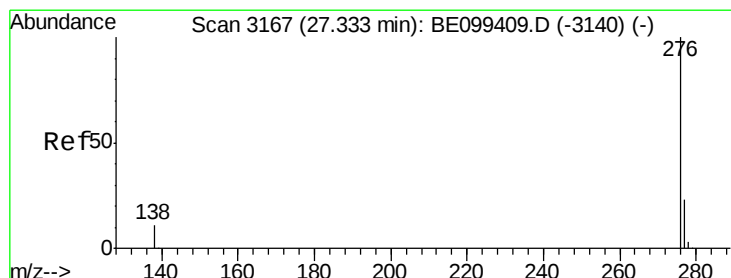
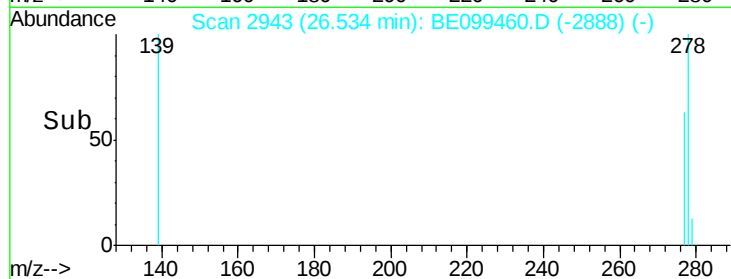
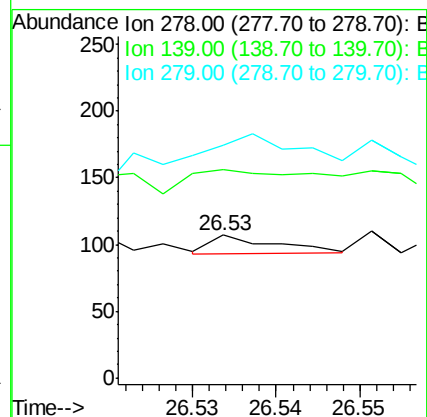
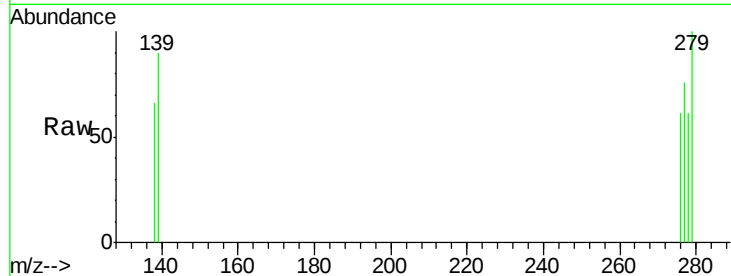
Tgt Ion:278 Resp: 8

Ion Ratio Lower Upper

278 100

139 145.8 7.7 11.5#

279 162.6 20.2 30.2#



#39

Benzo(g,h,i)perylene

Concen: 0.037 ng

RT: 27.34 min Scan# 3169

Delta R.T. 0.01 min

Lab File: BE099460.D

Acq: 1 May 2019 12:40

Tgt Ion:276 Resp: 3

Ion Ratio Lower Upper

276 100

277 102.6 19.5 29.3#

138 94.0 9.6 14.4#

