

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
 Data File : BE099480.D
 Acq On : 2 May 2019 1:34
 Operator : JU/SJ
 Sample : K2533-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-B010-042219

Quant Time: May 02 07:44:19 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	19	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	7	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	28	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	25	0.40	ng	0.00
27) Chrysene-d12	21.34	240	32	0.40	ng	-0.02
34) Perylene-d12	23.83	264	2	0.40	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3	0.06	ng	0.01
5) Phenol-d6	7.00	99	3	0.04	ng	0.03
8) Nitrobenzene-d5	8.98	82	30	4.57	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	33	2.62	ng	0.03
14) 2,4,6-Tribromophenol	15.93	330	4	0.23	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	10	0.09	ng	-0.01
25) Fluoranthene-d10	19.22	212	23	0.07	ng	0.00
29) Terphenyl-d14	19.80	244	14	0.24	ng	-0.02

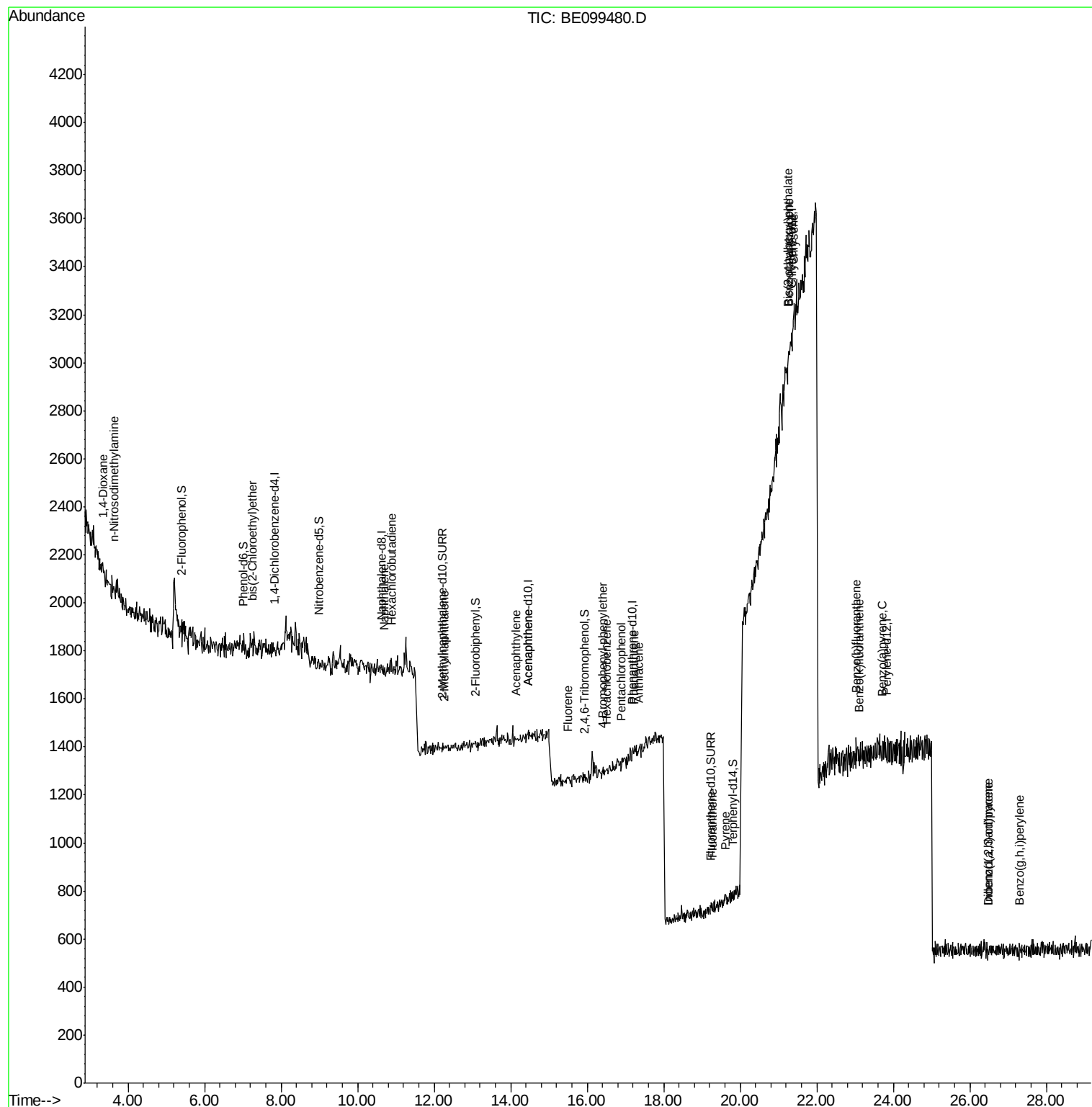
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	48	1.836	ng	# 27
3) n-Nitrosodimethylamine	3.63	42	19	1.206	ng	# 23
6) bis(2-Chloroethyl)ether	7.24	93	28	0.465	ng	# 1
9) Naphthalene	10.69	128	67	0.878	ng	# 44
10) Hexachlorobutadiene	10.90	225	3	0.565	ng	# 1
12) 2-Methylnaphthalene	12.25	142	12	0.905	ng	# 56
16) Acenaphthylene	14.14	152	43	0.314	ng	# 26
17) Acenaphthene	14.46	154	14	0.179	ng	# 3
18) Fluorene	15.49	166	27	0.234	ng	# 38
20) 4-Bromophenyl-phenylether	16.40	248	10	0.687	ng	# 64
21) Hexachlorobenzene	16.51	284	9	0.649	ng	# 1
22) Pentachlorophenol	16.89	266	15	2.013	ng	# 58
23) Phenanthrene	17.23	178	52	0.806	ng	# 66
24) Anthracene	17.35	178	37	0.602	ng	# 77
26) Fluoranthene	19.27	202	29	0.300	ng	# 71
28) Pyrene	19.61	202	27	0.324	ng	# 51
30) Benzo(a)anthracene	21.27	228	52	0.510	ng	# 1
31) Chrysene	21.40	228	98	0.982	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.26	149	277	1.855	ng	# 93
33) Indeno(1,2,3-cd)pyrene	26.47	276	6	0.051	ng	# 1
35) Benzo(b)fluoranthene	23.04	252	2	0.347	ng	# 1
36) Benzo(k)fluoranthene	23.11	252	22	3.956	ng	# 1
37) Benzo(a)pyrene	23.72	252	7	1.284	ng	# 1
38) Dibenzo(a,h)anthracene	26.49	278	10	1.793	ng	# 1
39) Benzo(g,h,i)perylene	27.28	276	18	3.221	ng	# 1

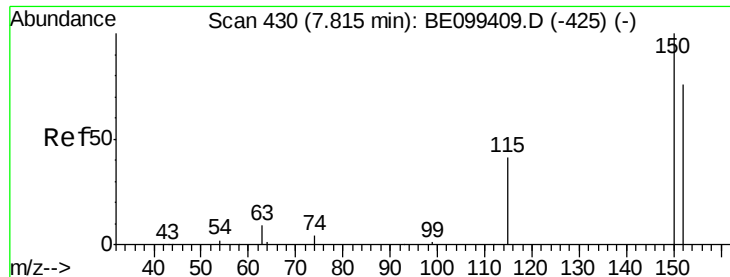
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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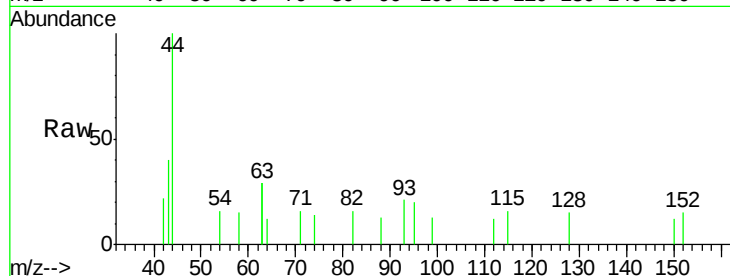


#1

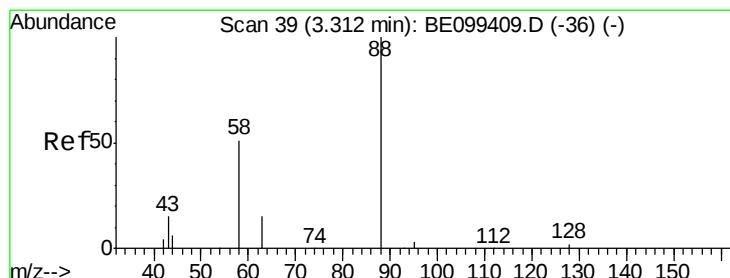
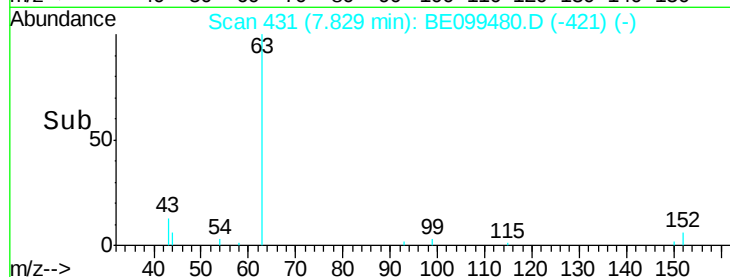
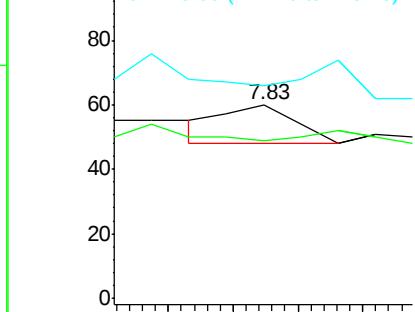
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099480.D
Acq: 2 May 2019 1:34

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tot Ion:152 Resp: 19
Ion Ratio Lower Upper
152 100
150 81.7 104.8 157.2#
115 110.0 46.6 69.8#



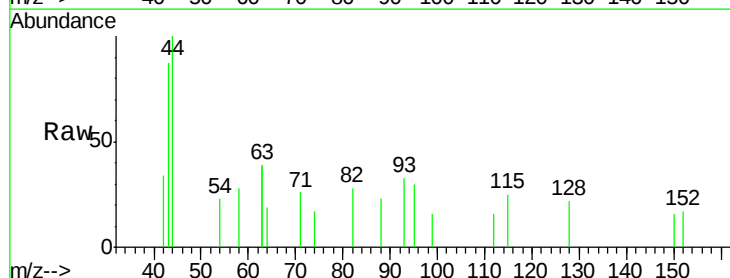
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



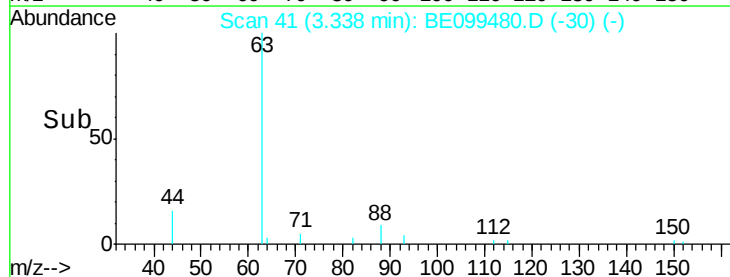
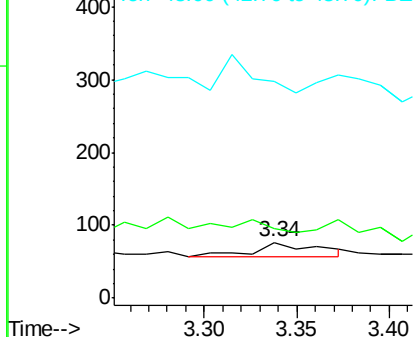
#2

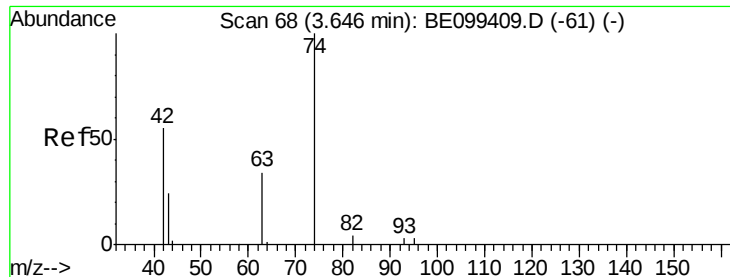
1,4-Dioxane
Concen: 1.836 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.03 min
Lab File: BE099480.D
Acq: 2 May 2019 1:34

Tgt Ion: 88 Resp: 48
Ion Ratio Lower Upper
88 100
58 0.0 51.0 76.6#
43 0.0 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: 1.206 ng

RT: 3.63 min Scan# 66

Delta R.T. -0.02 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219

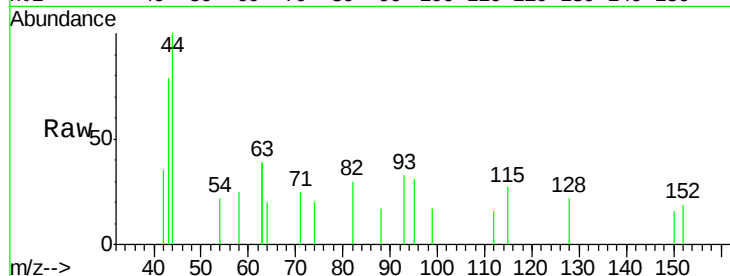
Tot Ion: 42 Resp: 19

Ion Ratio Lower Upper

42 100

74 68.4 141.6 212.4#

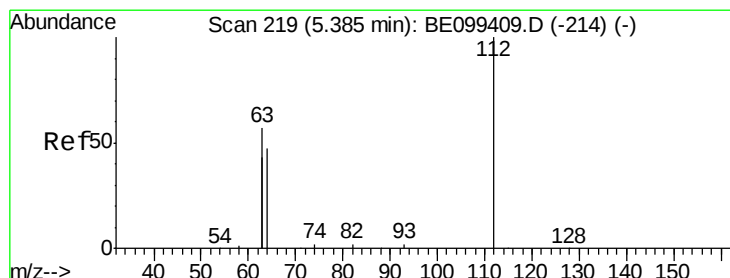
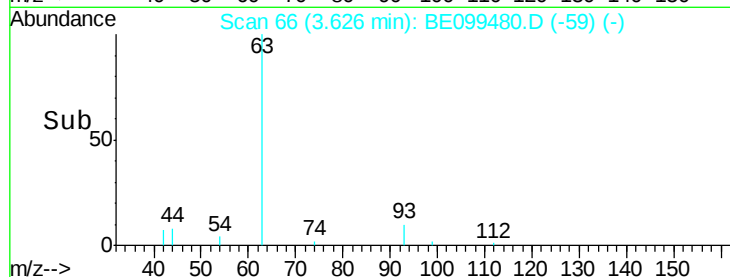
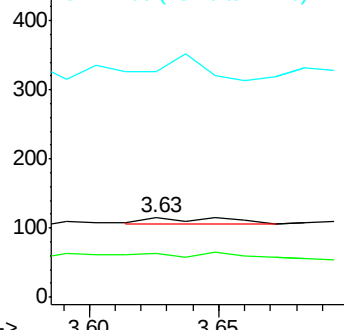
44 210.5 0.0 0.0#



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: 0.057 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

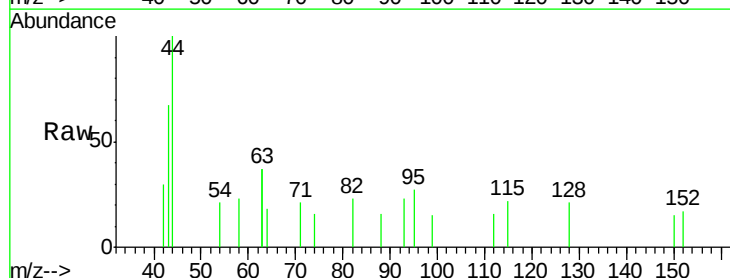
Tgt Ion: 112 Resp: 3

Ion Ratio Lower Upper

112 100

64 0.0 47.4 71.0#

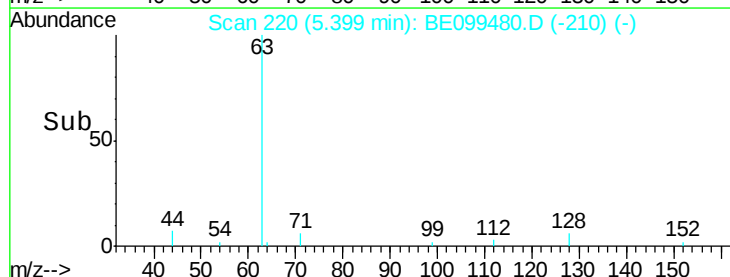
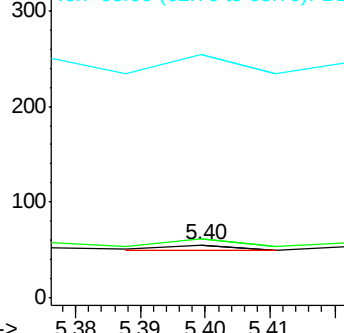
63 0.0 104.3 156.5#

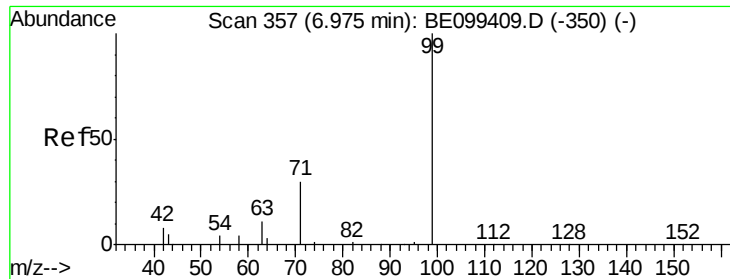


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.043 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.03 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

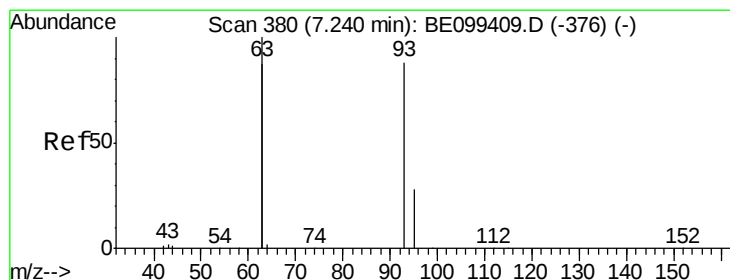
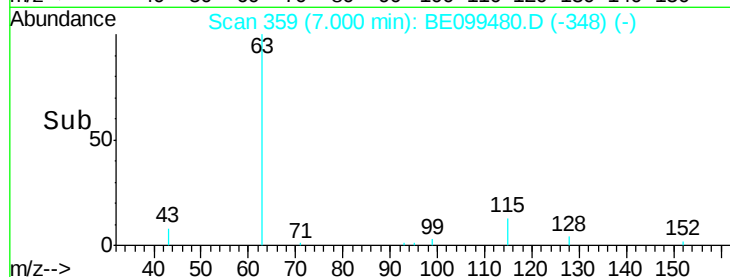
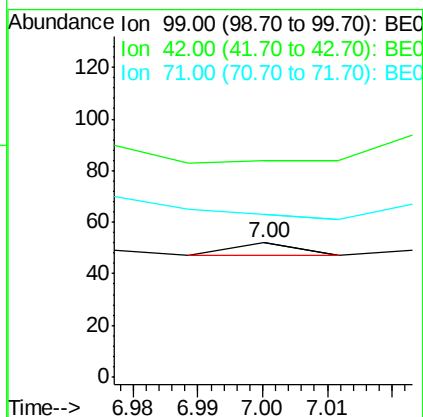
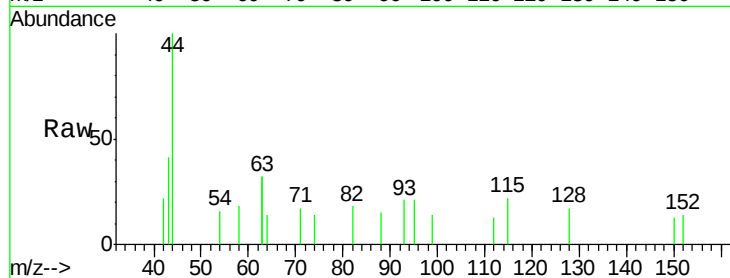
Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219

Tot Ion:	99	Resp:	3
Ion	Ratio	Lower	Upper
99	100		
42	0.0	14.9	22.3#
71	0.0	33.0	49.6#



#6

bis(2-Chloroethyl)ether

Concen: 0.465 ng

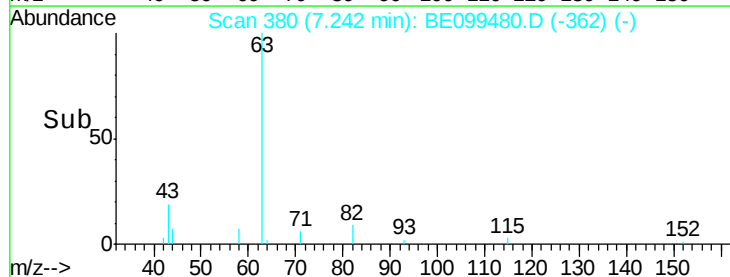
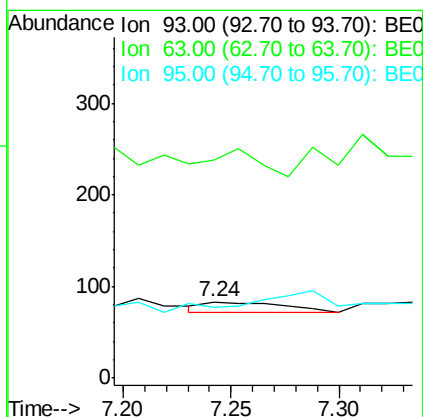
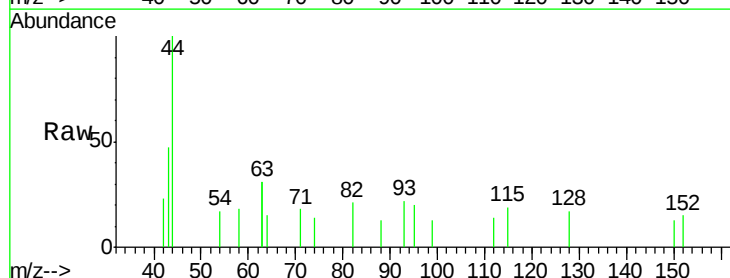
RT: 7.24 min Scan# 380

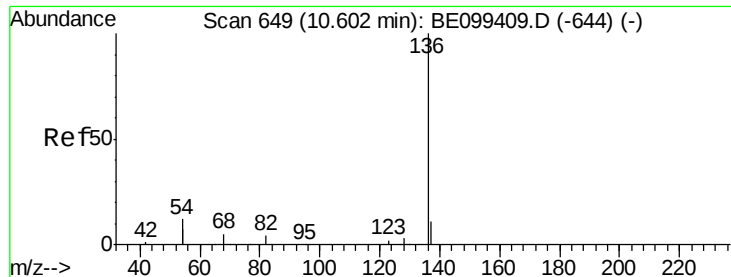
Delta R.T. 0.00 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

Tgt Ion:	93	Resp:	28
Ion	Ratio	Lower	Upper
93	100		
63	0.0	215.6	323.4#
95	0.0	26.2	39.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

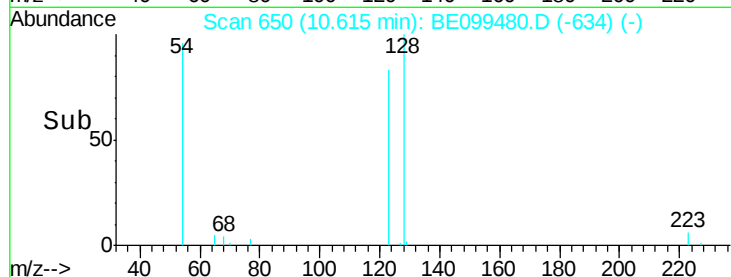
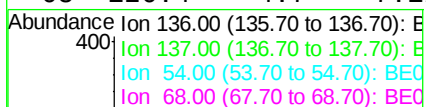
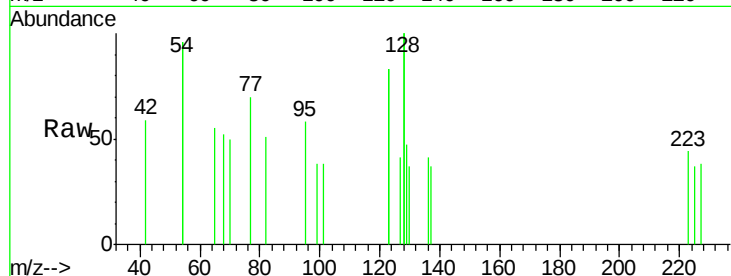
Instrument :

BNA_E

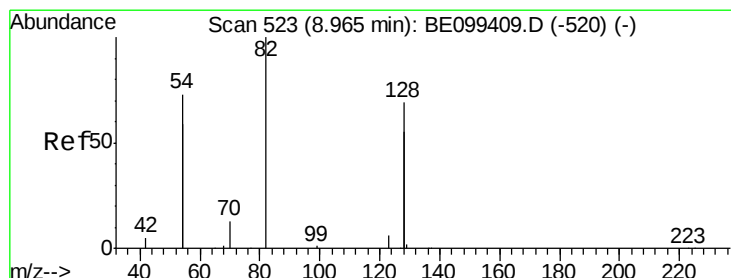
ClientSampleId :

PST-028-B010-042219

Tot Ion:136	Resp:	7
Ion Ratio	Lower	Upper
136 100		
137 90.6	9.8	14.8#
54 467.9	18.5	27.7#
68 126.4	4.7	7.1#



Time-->



#8

Nitrobenzene-d5

Concen: 4.573 ng

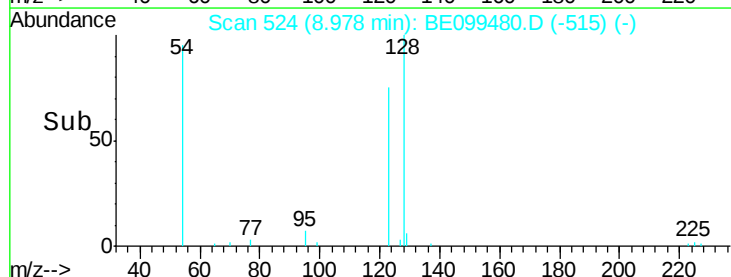
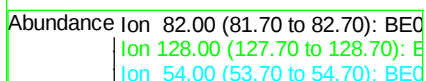
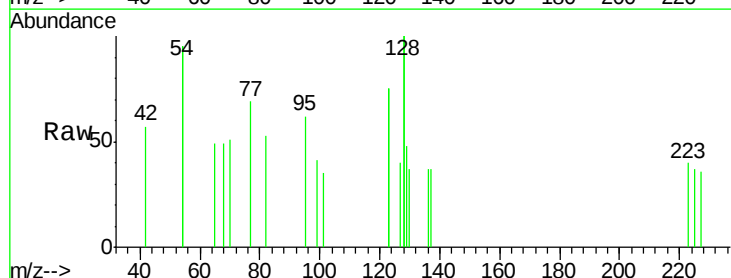
RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

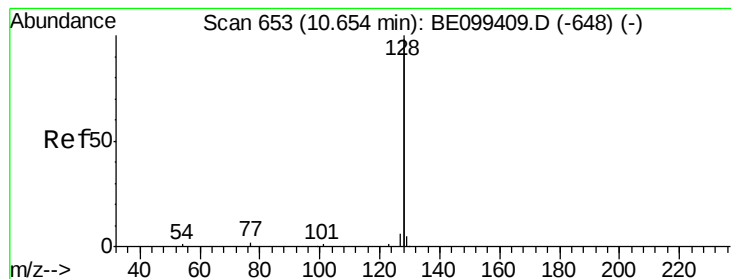
Lab File: BE099480.D

Acq: 2 May 2019 1:34

Tgt	Ion: 82	Resp:	30
Ion	Ratio	Lower	Upper
82	100		
128	377.5	107.0	160.4#
54	357.7	113.1	169.7#



Time-->



#9

Naphthalene

Concen: 0.878 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.04 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219

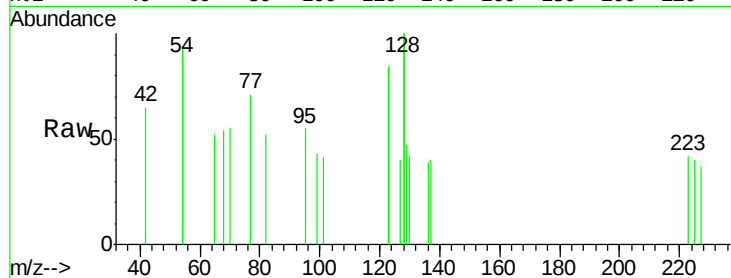
Tot Ion:128 Resp: 67

Ion Ratio Lower Upper

128 100

129 23.4 2.4 3.6#

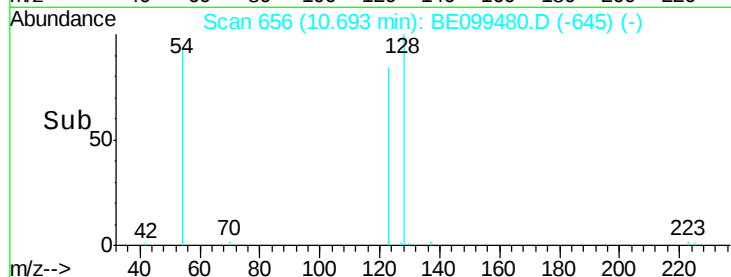
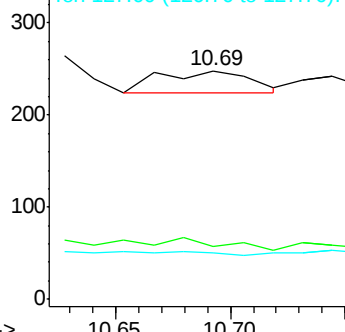
127 20.2 2.8 4.2#



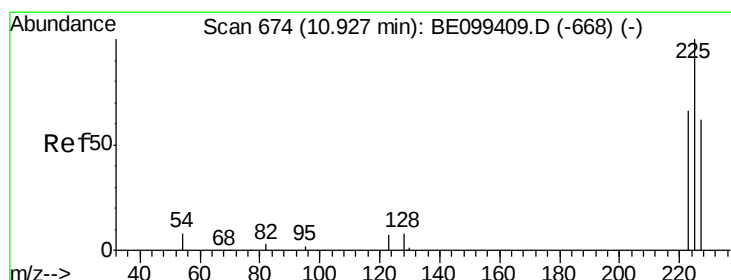
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.565 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.03 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

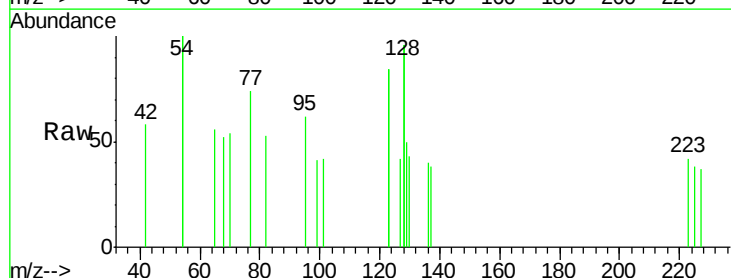
Tgt Ion:225 Resp: 3

Ion Ratio Lower Upper

225 100

223 1133.3 51.0 76.6#

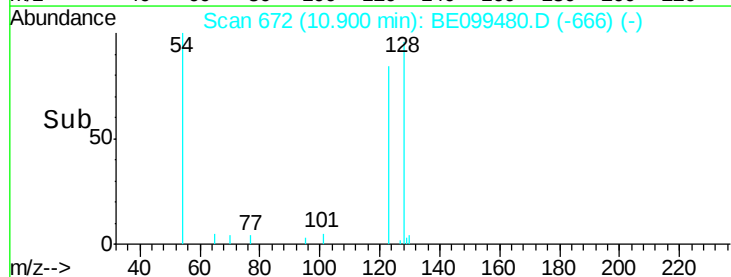
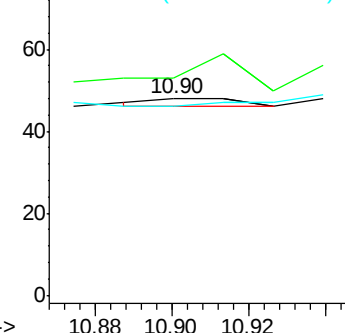
227 0.0 50.9 76.3#



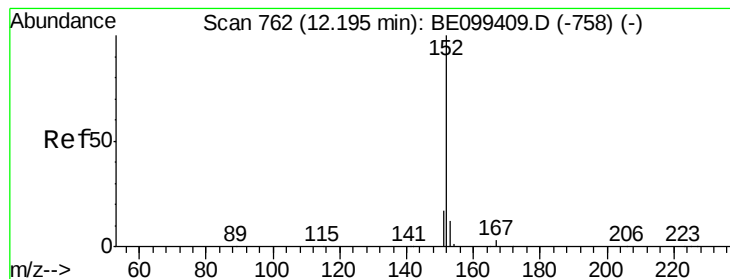
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#11

2-Methylnaphthalene-d10

Concen: 2.617 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

Instrument :

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ClientSampleId :

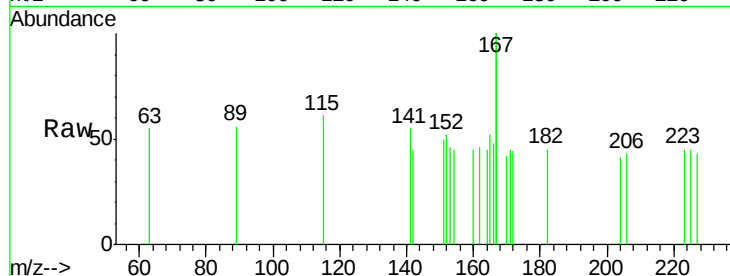
PST-028-B010-042219

Tot Ion:152 Resp: 33

Ion Ratio Lower Upper

152 100

151 15.2 15.5 23.3#

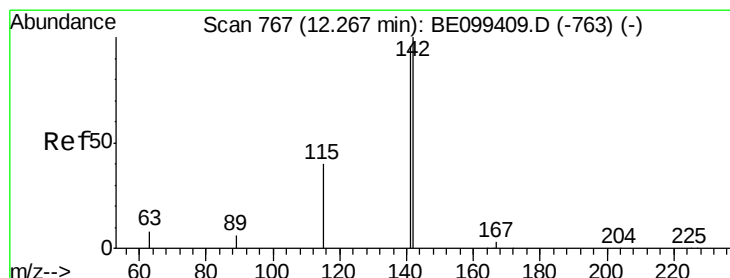
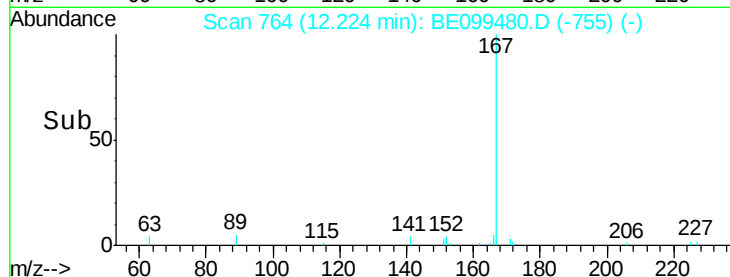


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

Time-->



#12

2-Methylnaphthalene

Concen: 0.905 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.02 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

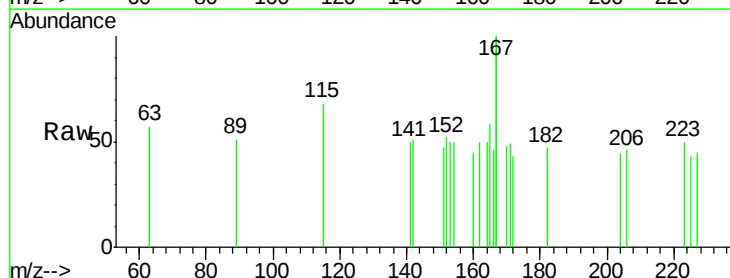
Tgt Ion:142 Resp: 12

Ion Ratio Lower Upper

142 100

141 98.1 77.0 115.4

115 131.5 33.4 50.0#



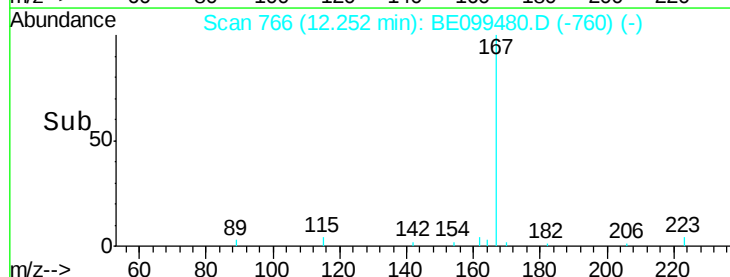
Abundance Ion 142.00 (141.70 to 142.70): E

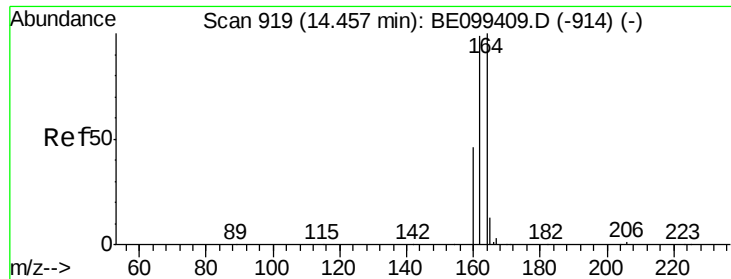
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.25

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219

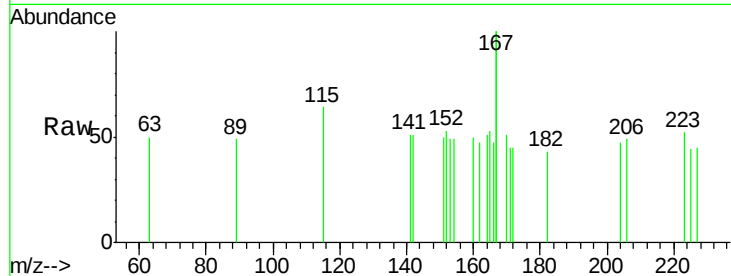
Tot Ion:164 Resp: 28

Ion Ratio Lower Upper

164 100

162 92.9 79.0 118.4

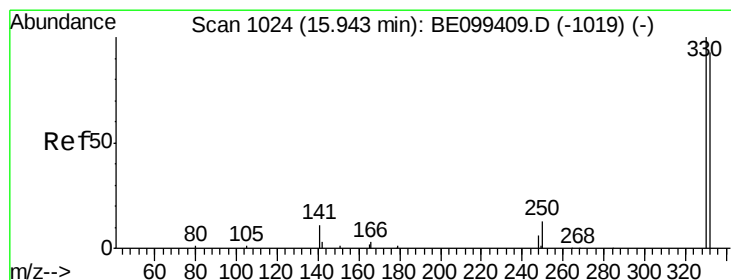
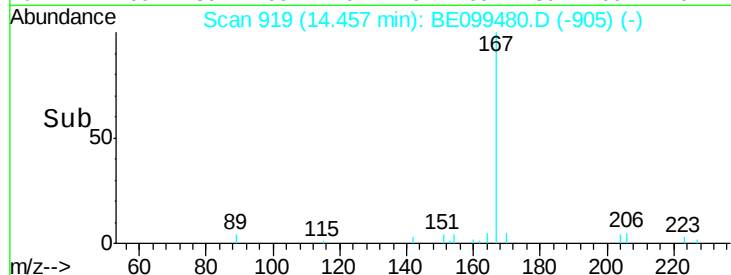
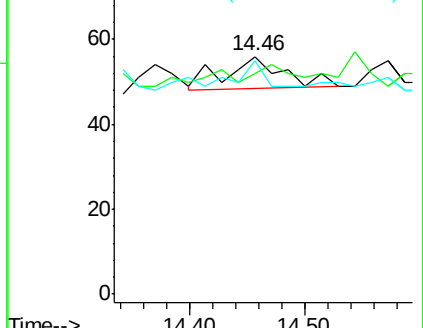
160 98.2 37.0 55.4#



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: 0.227 ng

RT: 15.93 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

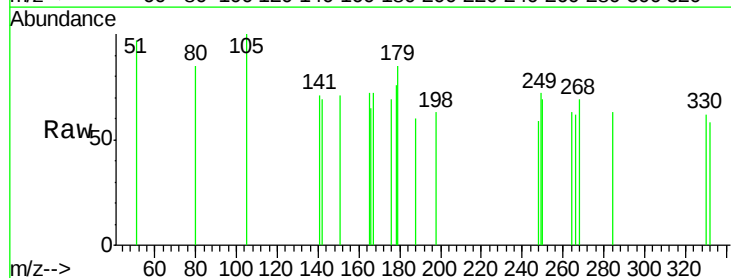
Tgt Ion:330 Resp: 4

Ion Ratio Lower Upper

330 100

332 0.0 71.5 107.3#

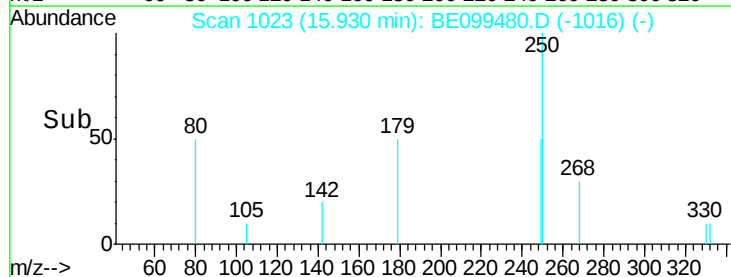
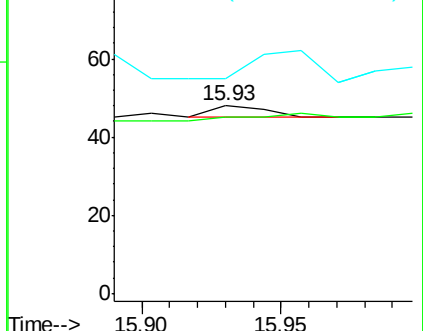
141 0.0 24.0 36.0#

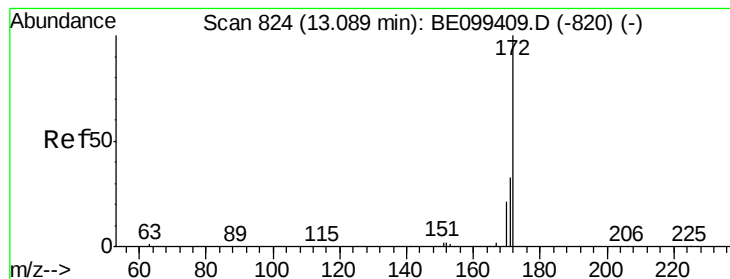


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.094 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219

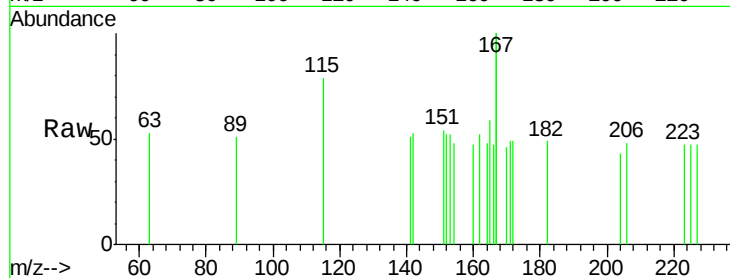
Tot Ion:172 Resp: 10

Ion Ratio Lower Upper

172 100

171 100.0 26.6 39.8#

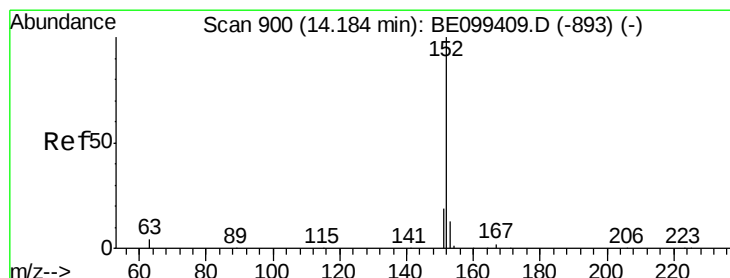
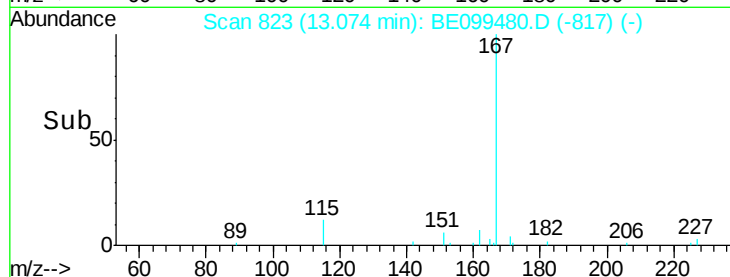
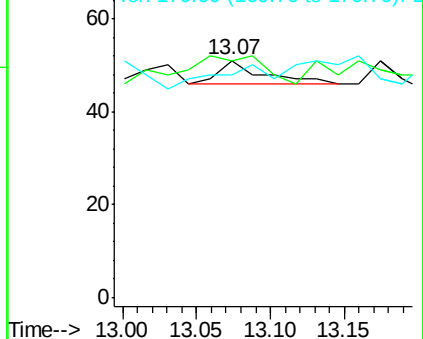
170 94.1 17.0 25.6#



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: 0.314 ng

RT: 14.14 min Scan# 897

Delta R.T. -0.04 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

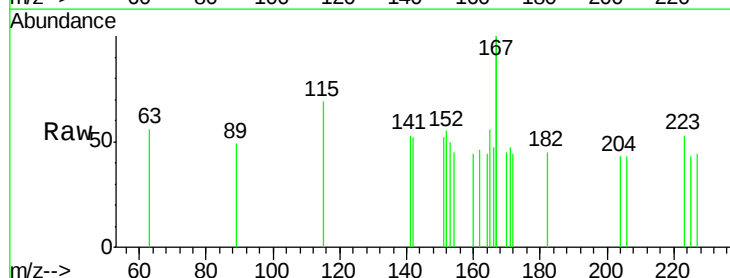
Tgt Ion:152 Resp: 43

Ion Ratio Lower Upper

152 100

151 0.0 15.4 23.2#

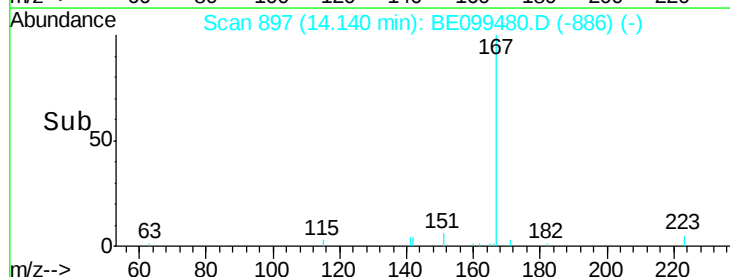
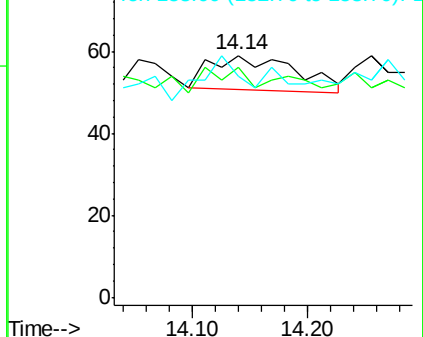
153 60.5 9.8 14.6#

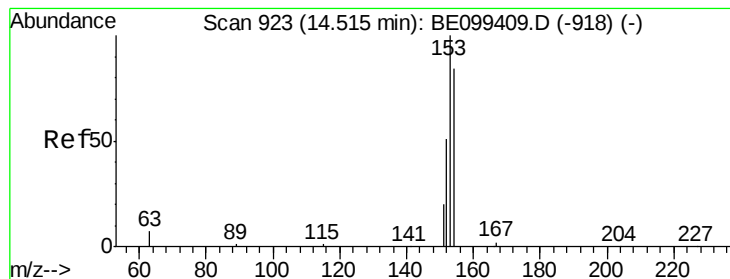


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.179 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.06 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219

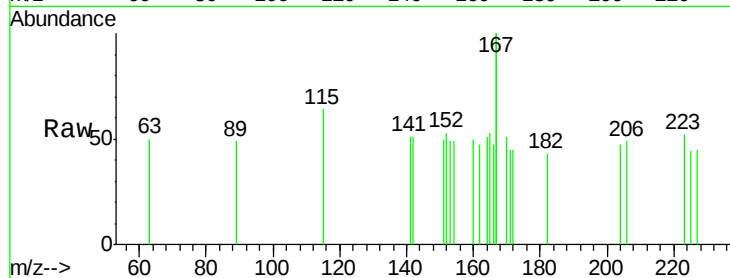
Tot Ion:154 Resp: 14

Ion Ratio Lower Upper

154 100

153 0.0 92.6 138.8#

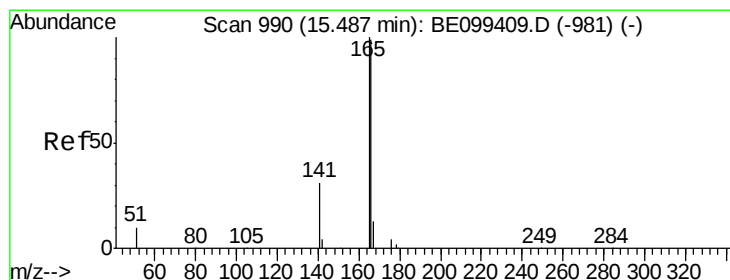
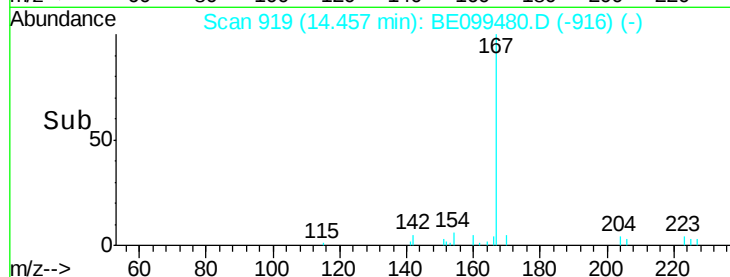
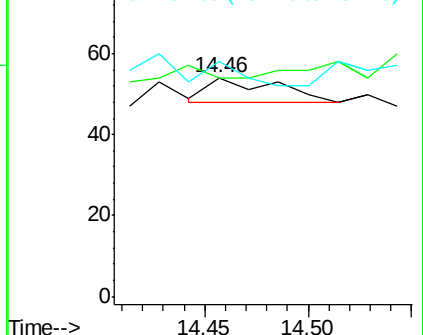
152 0.0 45.8 68.8#



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: 0.234 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

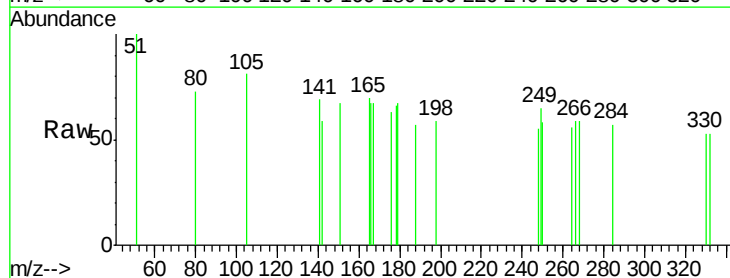
Tgt Ion:166 Resp: 27

Ion Ratio Lower Upper

166 100

165 51.9 80.3 120.5#

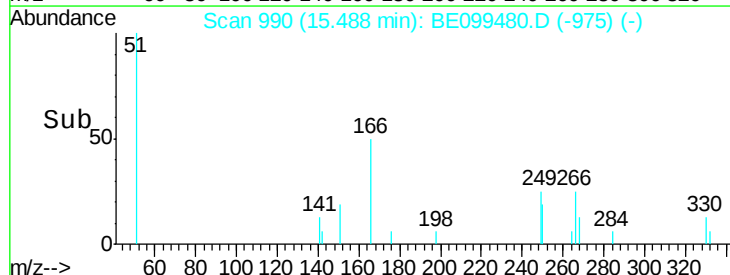
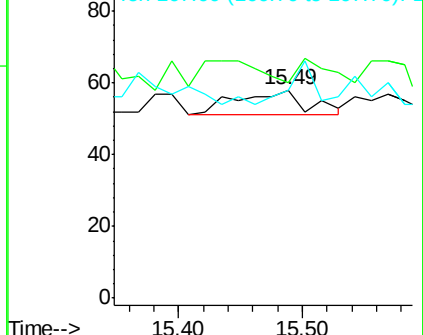
167 77.8 10.7 16.1#

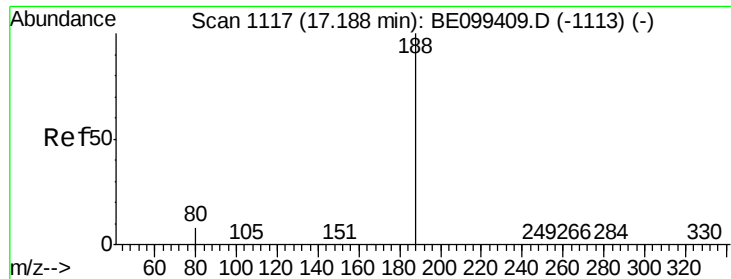


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099480.D

Acq: 2 May 2019 1:34

Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219

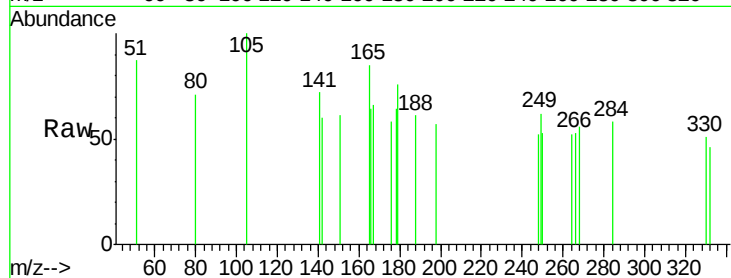
Tot Ion:188 Resp: 25

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

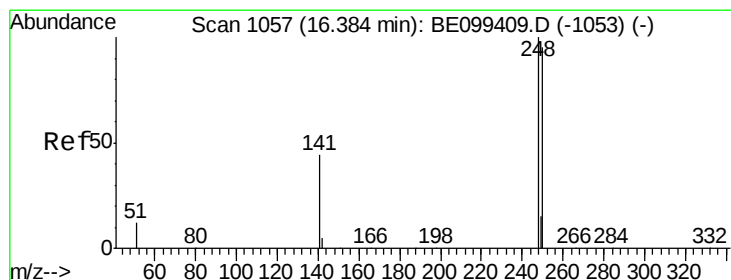
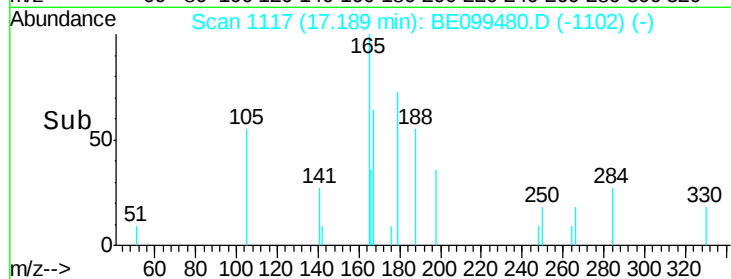
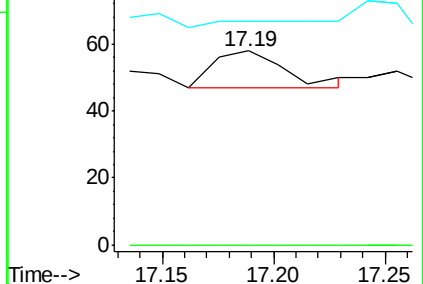
80 115.5 6.7 10.1#



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



#20

4-Bromophenyl-phenylether

Concen: 0.687 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.01 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

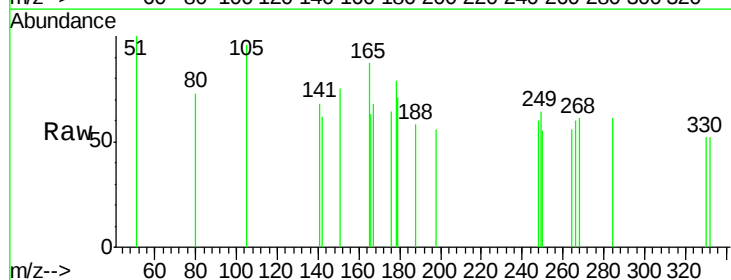
Tgt Ion:248 Resp: 10

Ion Ratio Lower Upper

248 100

250 92.0 75.8 113.8

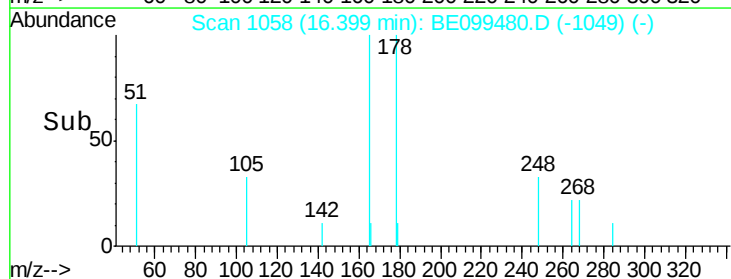
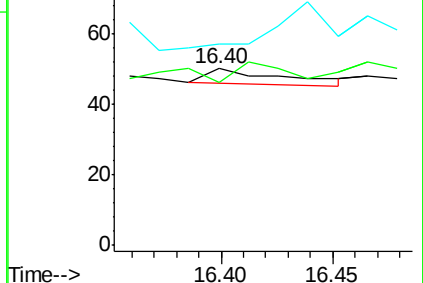
141 114.0 35.7 53.5#

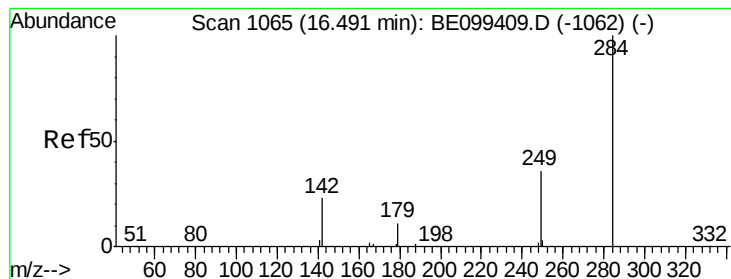


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.649 ng

RT: 16.51 min Scan# 1066

Delta R.T. 0.01 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219

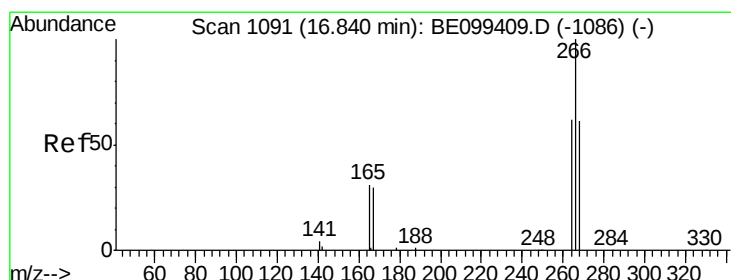
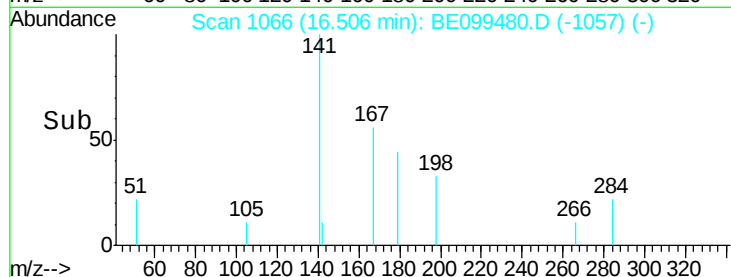
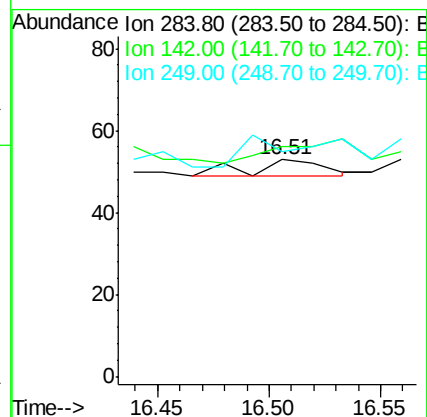
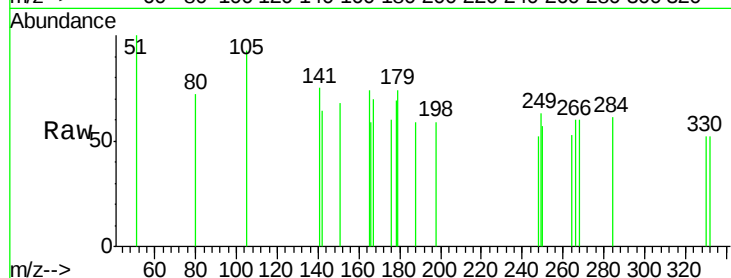
Tot Ion:284 Resp: 9

Ion Ratio Lower Upper

284 100

142 33.3 21.0 31.6#

249 155.6 26.7 40.1#



#22

Pentachlorophenol

Concen: 2.013 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.06 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

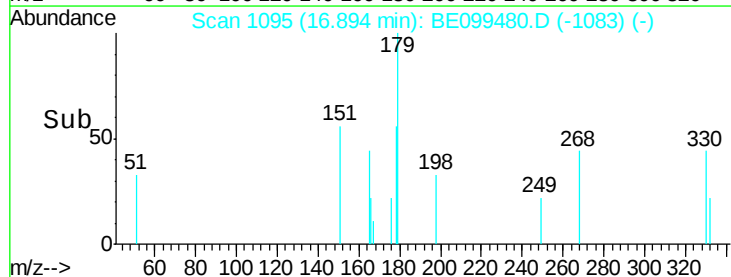
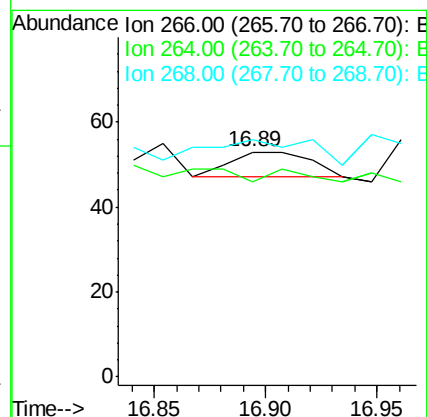
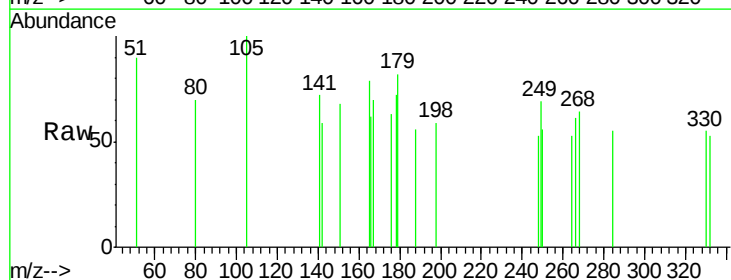
Tgt Ion:266 Resp: 15

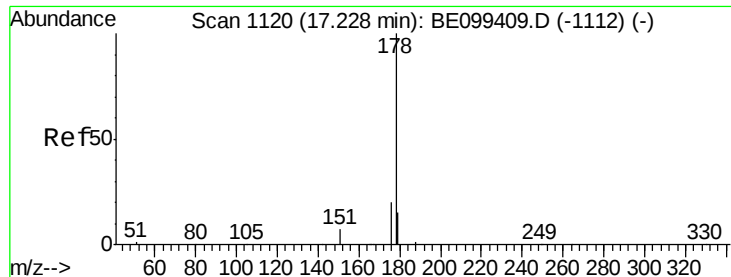
Ion Ratio Lower Upper

266 100

264 86.8 50.8 76.2#

268 105.7 50.5 75.7#





#23

Phenanthrene

Concen: 0.806 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219

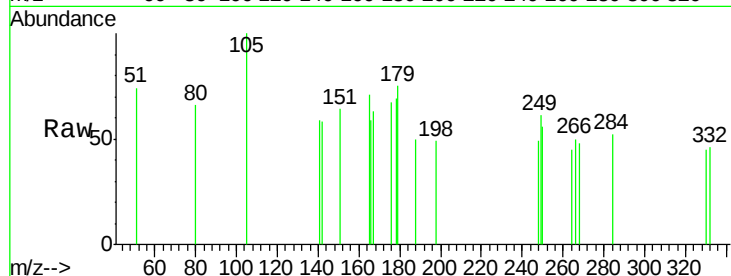
Tot Ion:178 Resp: 52

Ion Ratio Lower Upper

178 100

176 34.6 15.6 23.4#

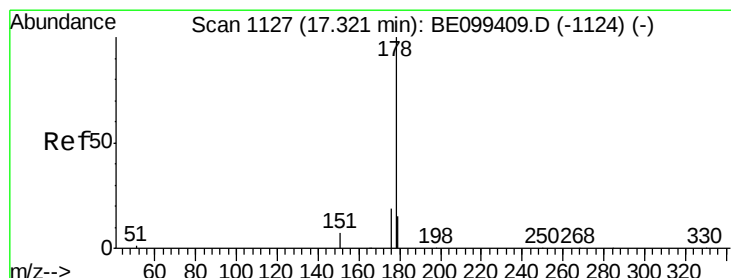
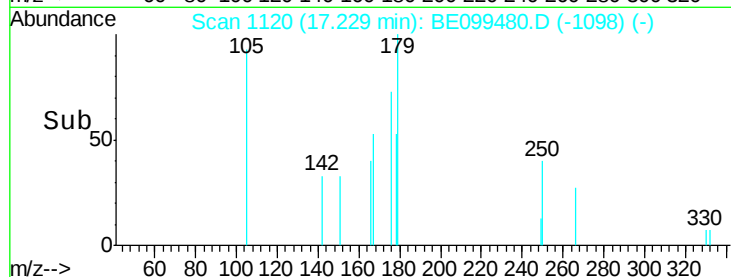
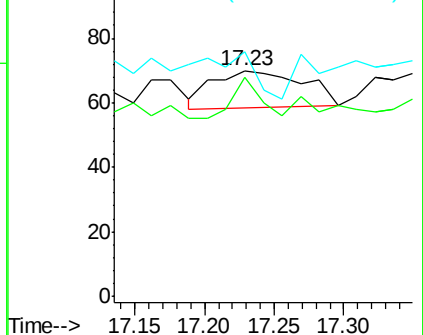
179 0.0 12.0 18.0#



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: 0.602 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.03 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

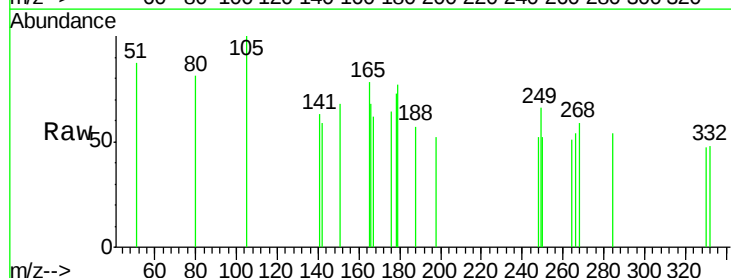
Tgt Ion:178 Resp: 37

Ion Ratio Lower Upper

178 100

176 24.3 14.9 22.3#

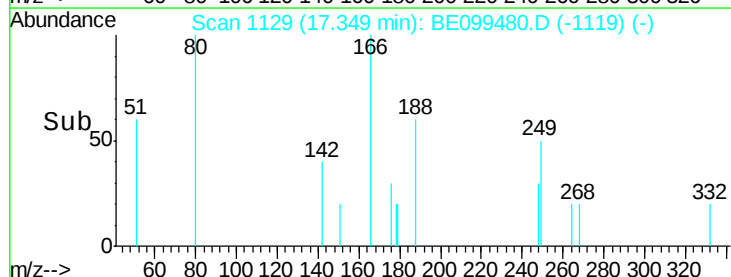
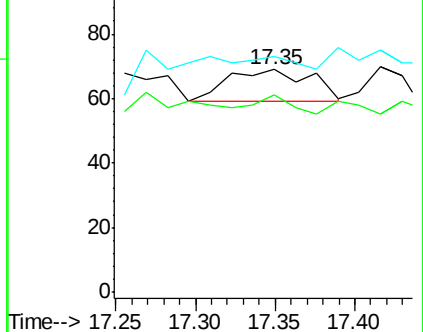
179 0.0 11.9 17.9#

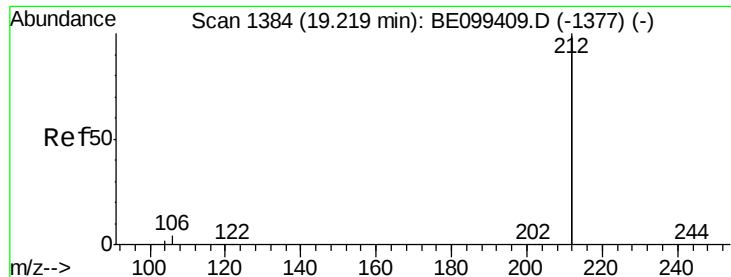


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.068 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219

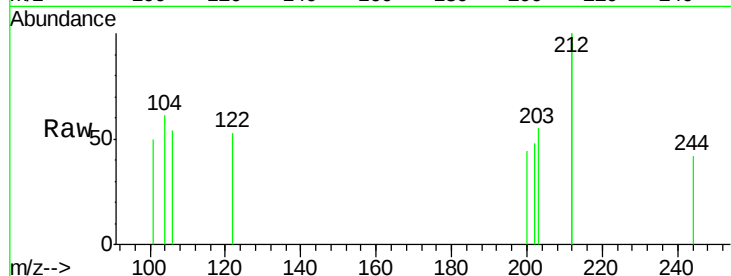
Tot Ion:212 Resp: 23

Ion Ratio Lower Upper

212 100

106 0.0 1.5 2.3#

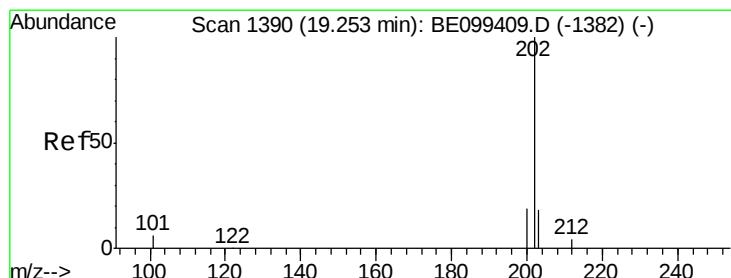
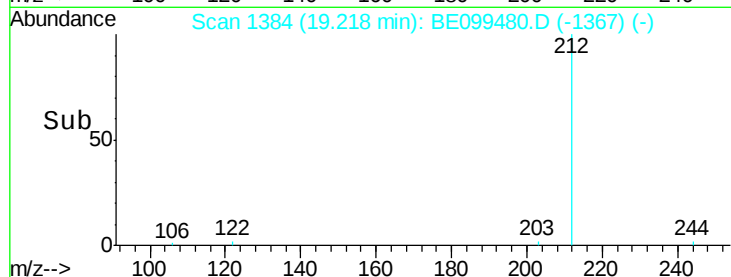
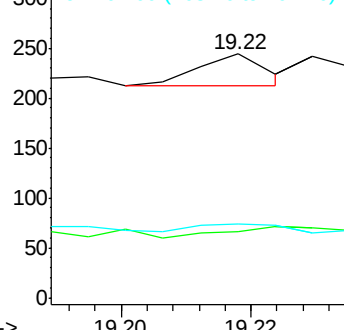
104 43.5 0.9 1.3#



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: 0.300 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.02 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

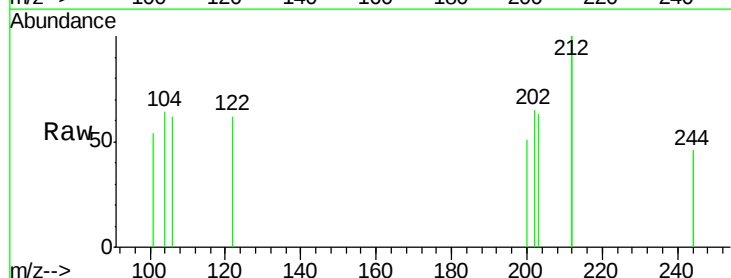
Tgt Ion:202 Resp: 29

Ion Ratio Lower Upper

202 100

101 6.9 5.4 8.0

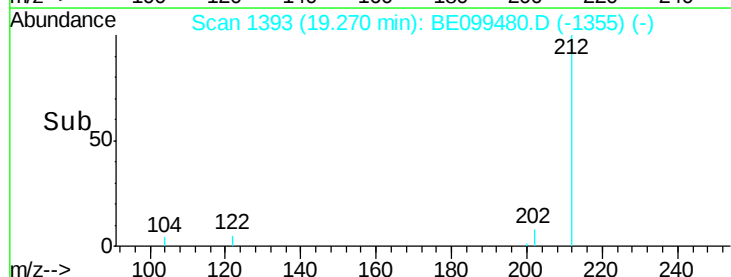
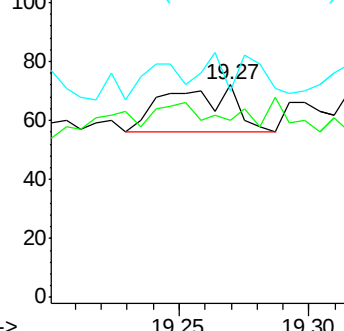
203 0.0 13.9 20.9#

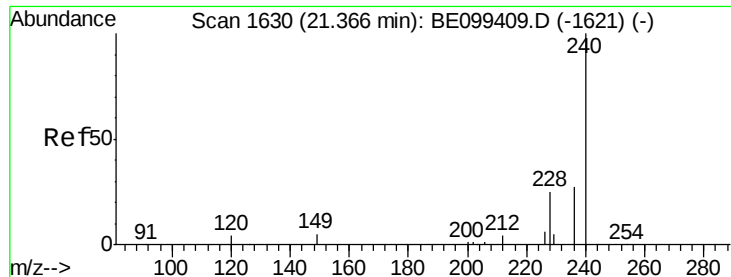


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.34 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219

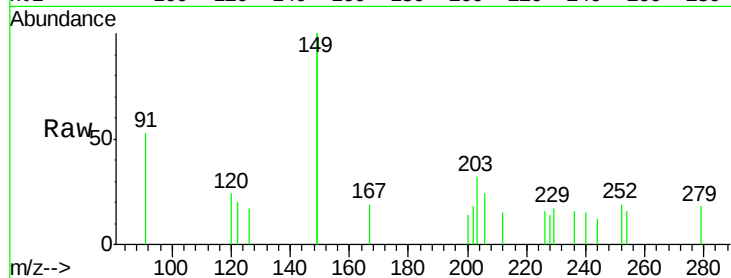
Tot Ion:240 Resp: 32

Ion Ratio Lower Upper

240 100

120 161.7 4.0 6.0#

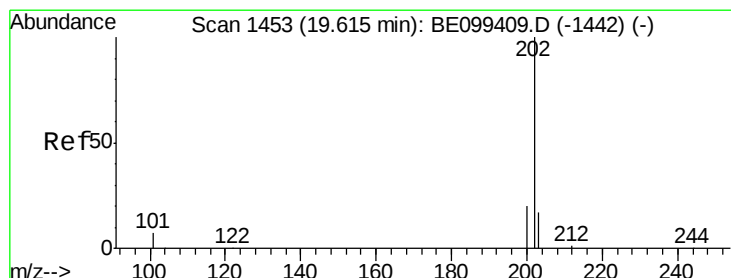
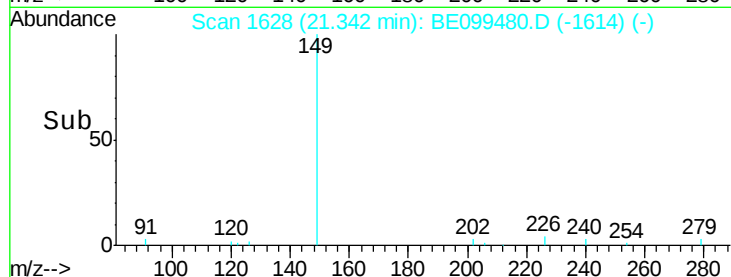
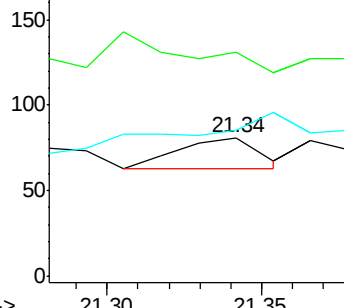
236 104.9 22.0 33.0#



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: 0.324 ng

RT: 19.61 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

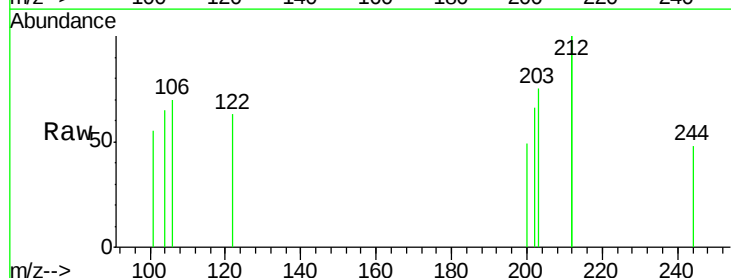
Tgt Ion:202 Resp: 27

Ion Ratio Lower Upper

202 100

200 33.3 15.7 23.5#

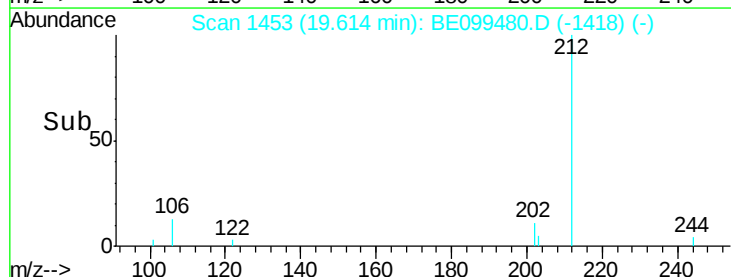
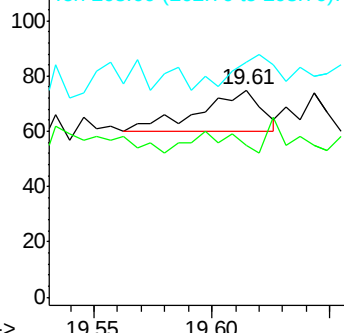
203 48.1 13.9 20.9#

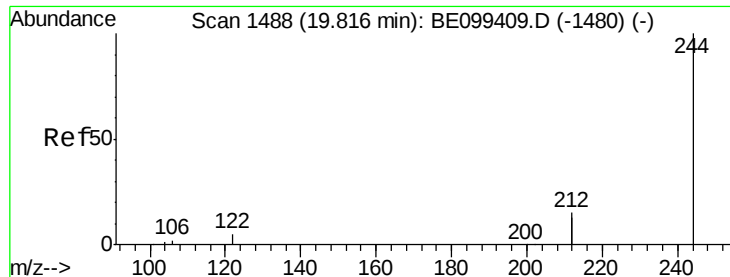


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.239 ng

RT: 19.80 min Scan# 1485

Delta R.T. -0.02 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219

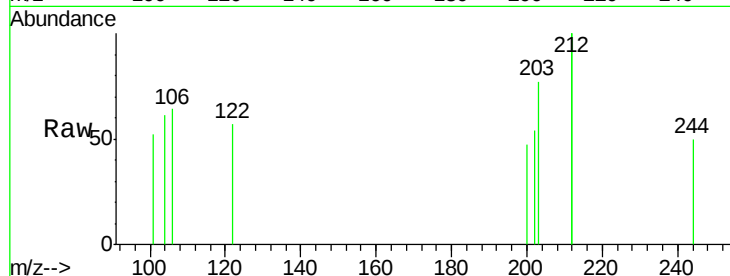
Tot Ion:244 Resp: 14

Ion Ratio Lower Upper

244 100

212 403.4 23.2 34.8#

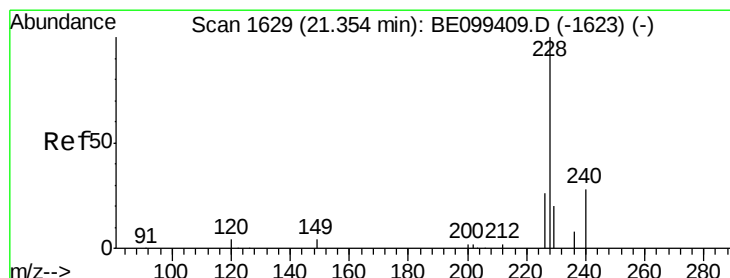
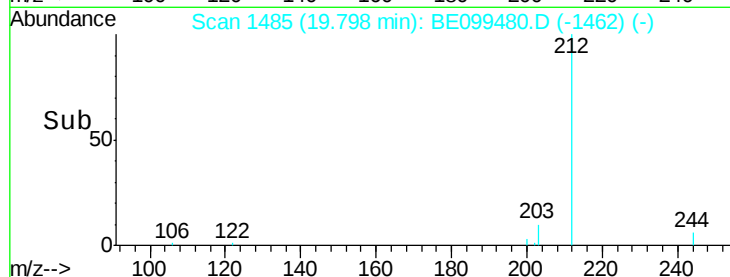
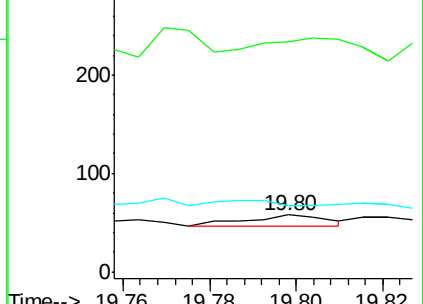
122 115.5 4.2 6.4#



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: 0.510 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.09 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

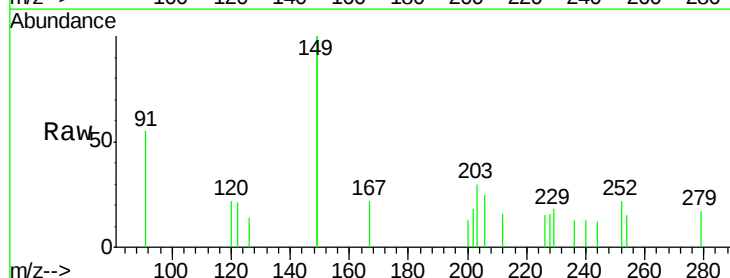
Tgt Ion:228 Resp: 52

Ion Ratio Lower Upper

228 100

226 95.1 21.0 31.6#

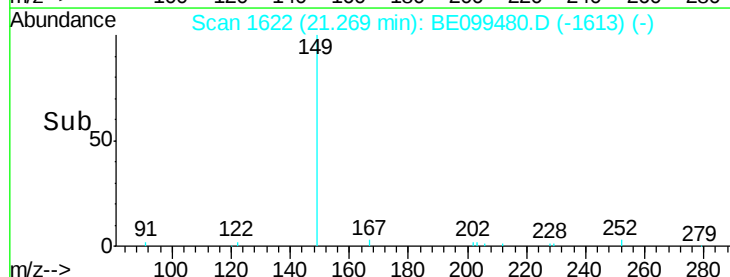
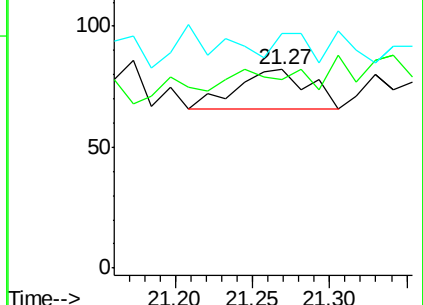
229 118.3 16.6 25.0#

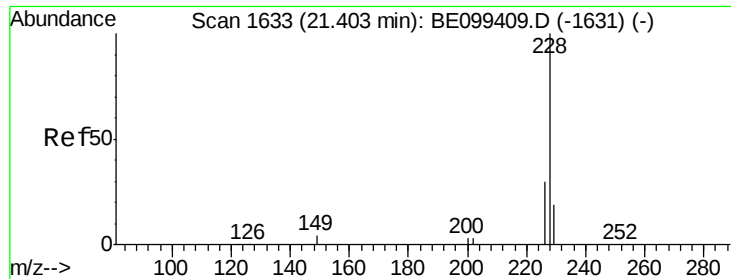


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.982 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219

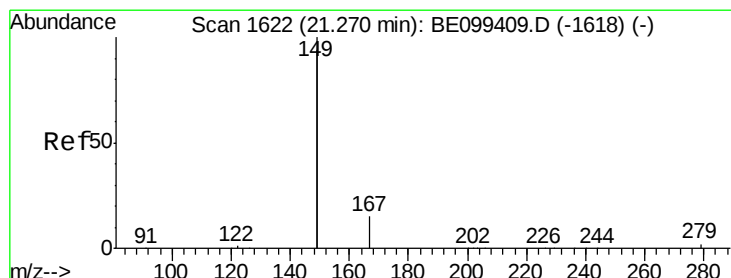
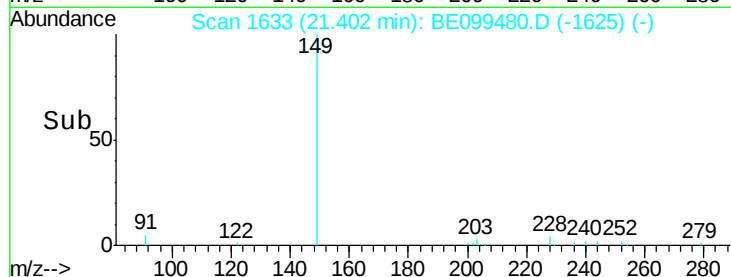
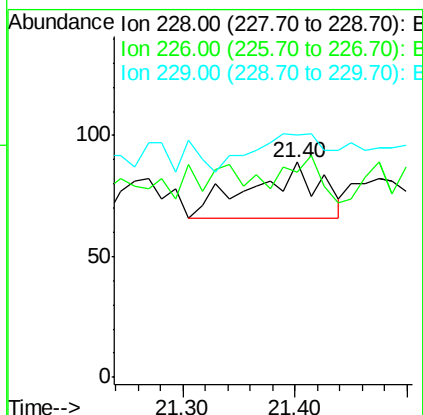
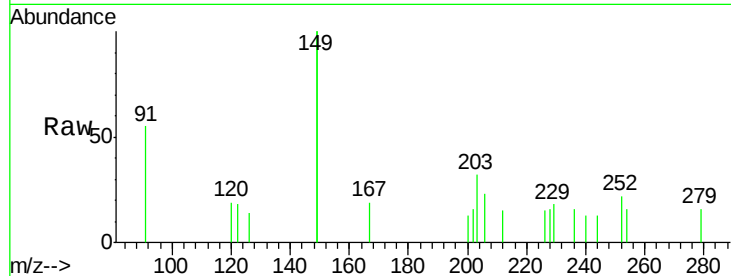
Tot Ion:228 Resp: 98

Ion Ratio Lower Upper

228 100

226 95.5 24.0 36.0#

229 112.4 15.8 23.8#



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.855 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

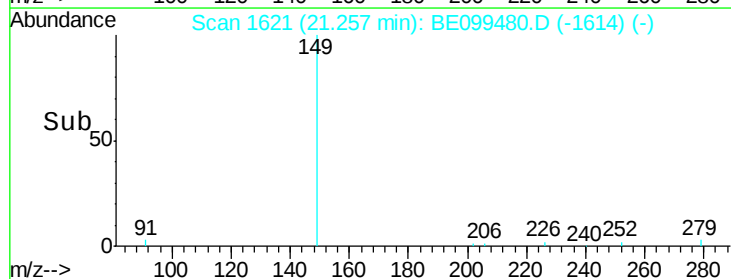
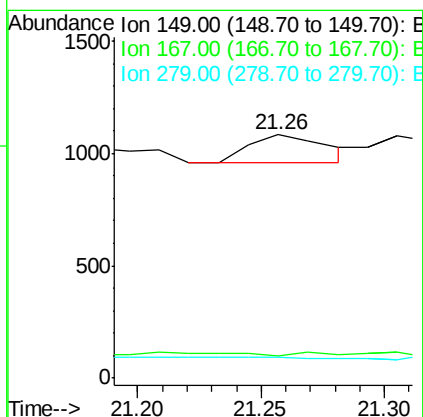
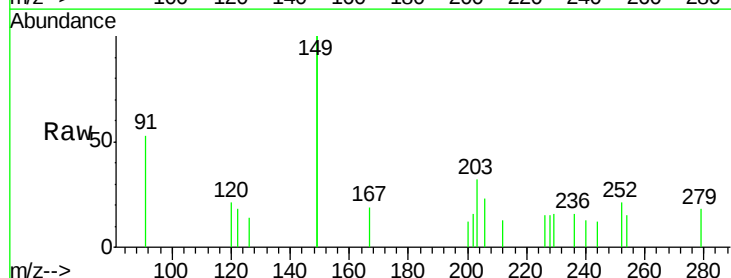
Tgt Ion:149 Resp: 277

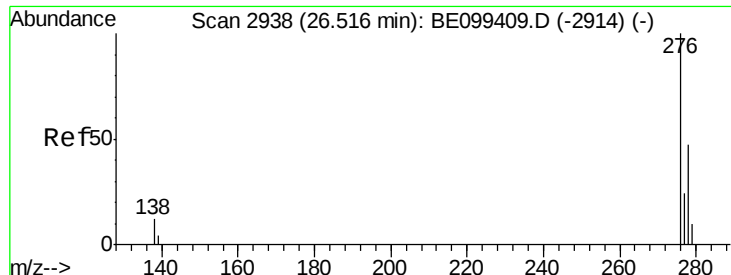
Ion Ratio Lower Upper

149 100

167 4.7 5.8 8.6#

279 0.0 1.0 1.6#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.051 ng

RT: 26.47 min Scan# 2926

Delta R.T. -0.04 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219

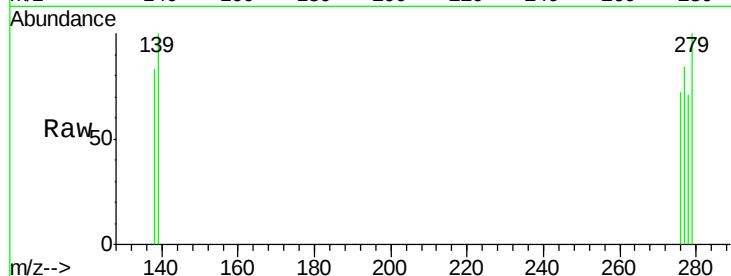
Tot Ion:276 Resp: 6

Ion Ratio Lower Upper

276 100

138 116.7 10.2 15.2#

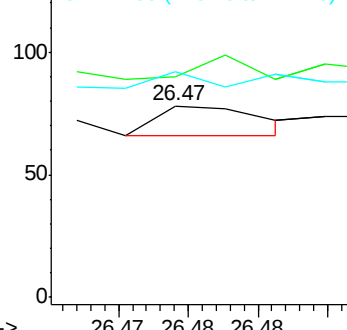
277 33.3 19.2 28.8#



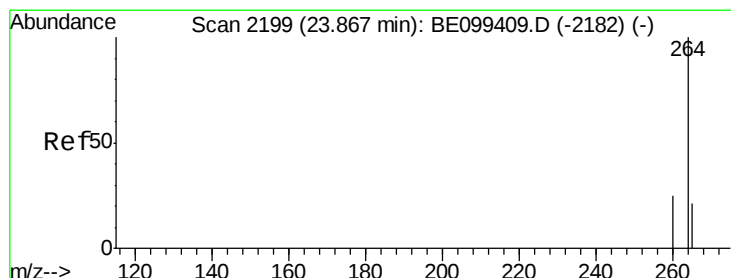
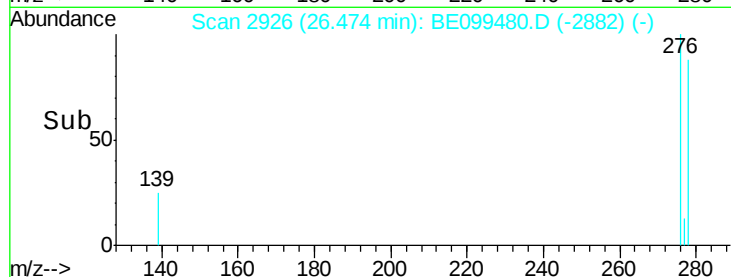
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.83 min Scan# 2188

Delta R.T. -0.04 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

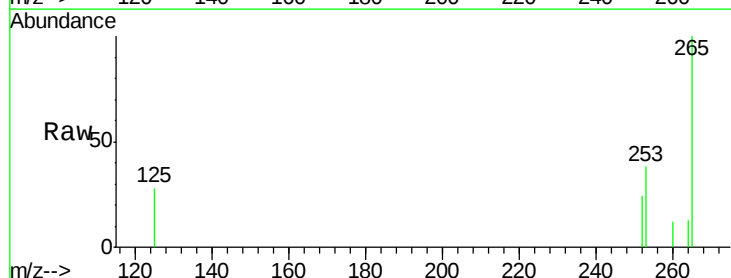
Tgt Ion:264 Resp: 2

Ion Ratio Lower Upper

264 100

260 90.6 20.2 30.2#

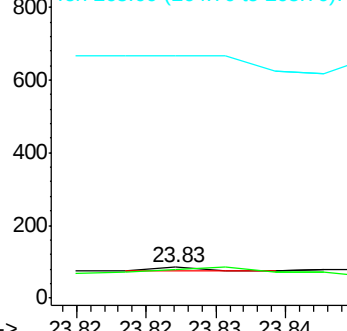
265 783.5 21.3 31.9#



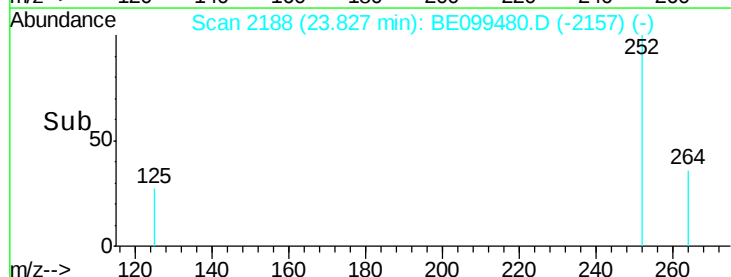
Abundance Ion 264.00 (263.70 to 264.70): E

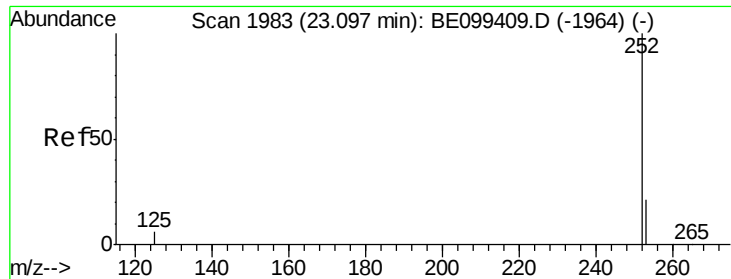
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->





#35

Benzo(b)fluoranthene

Concen: 0.347 ng

RT: 23.04 min Scan# 1967

Delta R.T. -0.06 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

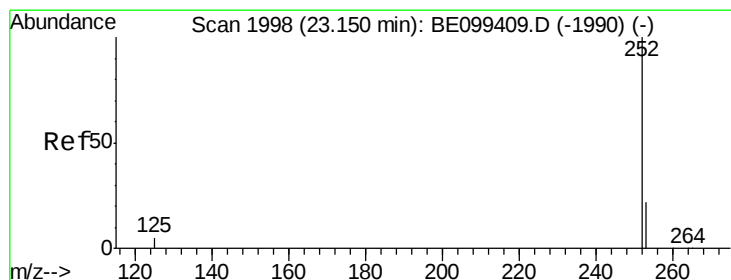
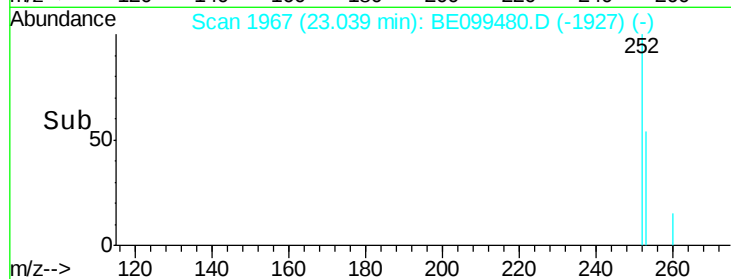
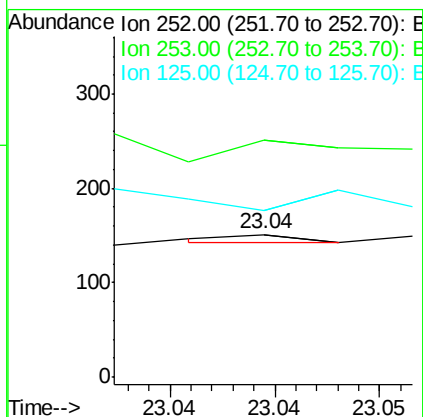
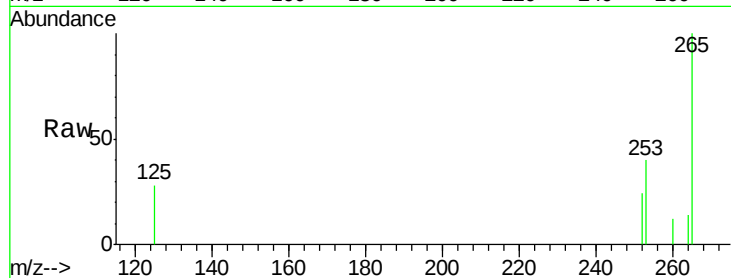
Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219

Tot Ion:	252	Resp:	2
Ion	Ratio	Lower	Upper
252	100		
253	166.2	18.1	27.1#
125	116.6	5.6	8.4#



#36

Benzo(k)fluoranthene

Concen: 3.956 ng

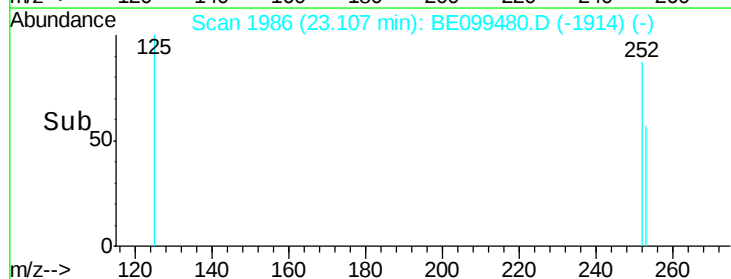
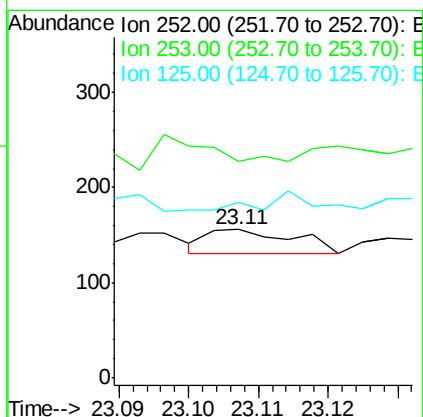
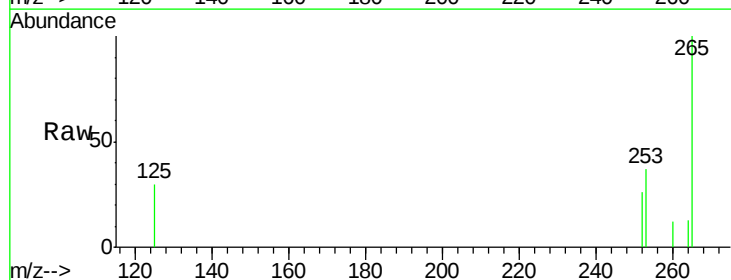
RT: 23.11 min Scan# 1986

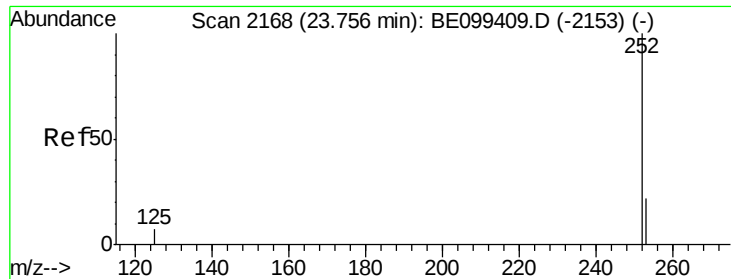
Delta R.T. -0.04 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

Tgt Ion:	252	Resp:	22
Ion	Ratio	Lower	Upper
252	100		
253	146.2	18.4	27.6#
125	118.6	5.0	7.4#





#37

Benzo(a)pyrene

Concen: 1.284 ng

RT: 23.72 min Scan# 2159

Delta R.T. -0.03 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219

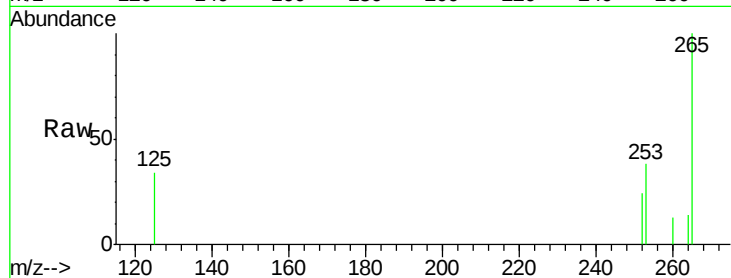
Tot Ion:252 Resp: 7

Ion Ratio Lower Upper

252 100

253 158.0 18.9 28.3#

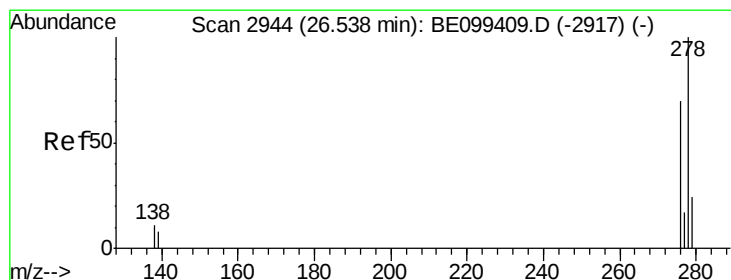
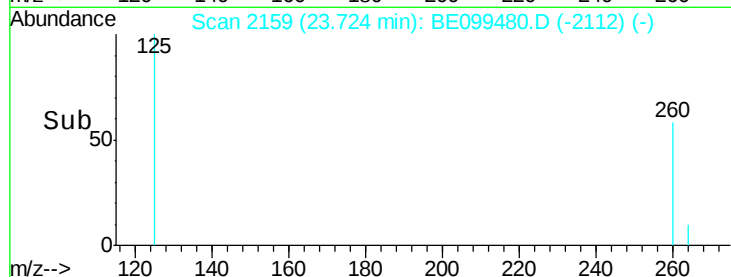
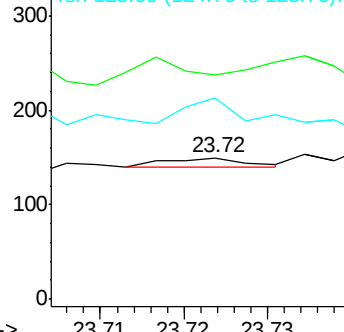
125 142.0 6.7 10.1#



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



#38

Dibenzo(a,h)anthracene

Concen: 1.793 ng

RT: 26.49 min Scan# 2930

Delta R.T. -0.05 min

Lab File: BE099480.D

Acq: 2 May 2019 1:34

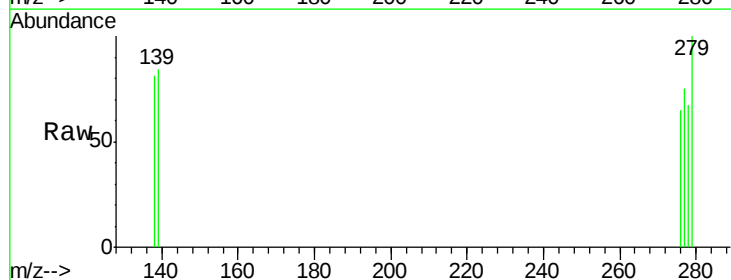
Tgt Ion:278 Resp: 10

Ion Ratio Lower Upper

278 100

139 125.3 7.7 11.5#

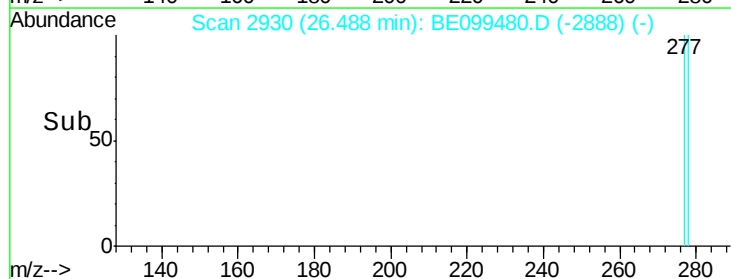
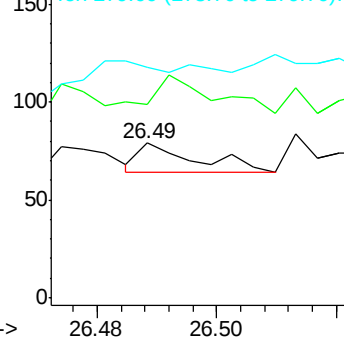
279 149.4 20.2 30.2#

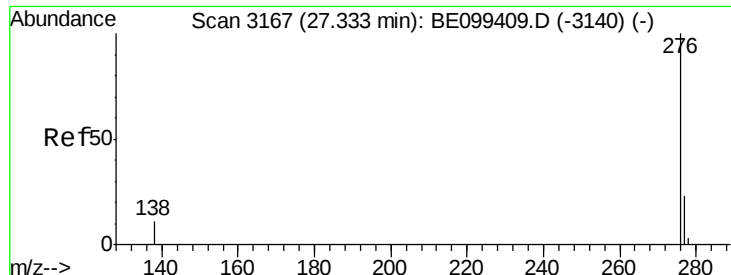


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 3.221 ng

RT: 27.28 min Scan# 3153

Delta R.T. -0.05 min

Lab File: BE099480.D

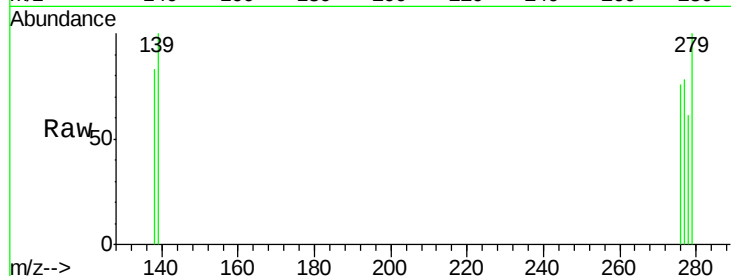
Acq: 2 May 2019 1:34

Instrument :

BNA_E

ClientSampleId :

PST-028-B010-042219



Tot Ion: 276 Resp: 18

Ion Ratio Lower Upper

276 100

277 102.4 19.5 29.3#

138 109.4 9.6 14.4#

