

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
 Data File : BE099475.D
 Acq On : 1 May 2019 22:34
 Operator : JU/SJ
 Sample : K2588-10MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B194-042519MS

Quant Time: May 02 07:43:19 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	7.81	152	12	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	32	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	27	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	55	0.40	ng	0.00
27) Chrysene-d12	21.37	240	60	0.40	ng	0.00
34) Perylene-d12	23.87	264	12	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	15	0.45	ng	0.07
5) Phenol-d6	6.98	99	22	0.50	ng	0.00
8) Nitrobenzene-d5	8.95	82	7	0.23	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	15	0.26	ng	0.01
14) 2,4,6-Tribromophenol	15.93	330	3	0.18	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	29	0.28	ng	-0.01
25) Fluoranthene-d10	19.21	212	223	0.30	ng	0.00
29) Terphenyl-d14	19.81	244	56	0.51	ng	0.00

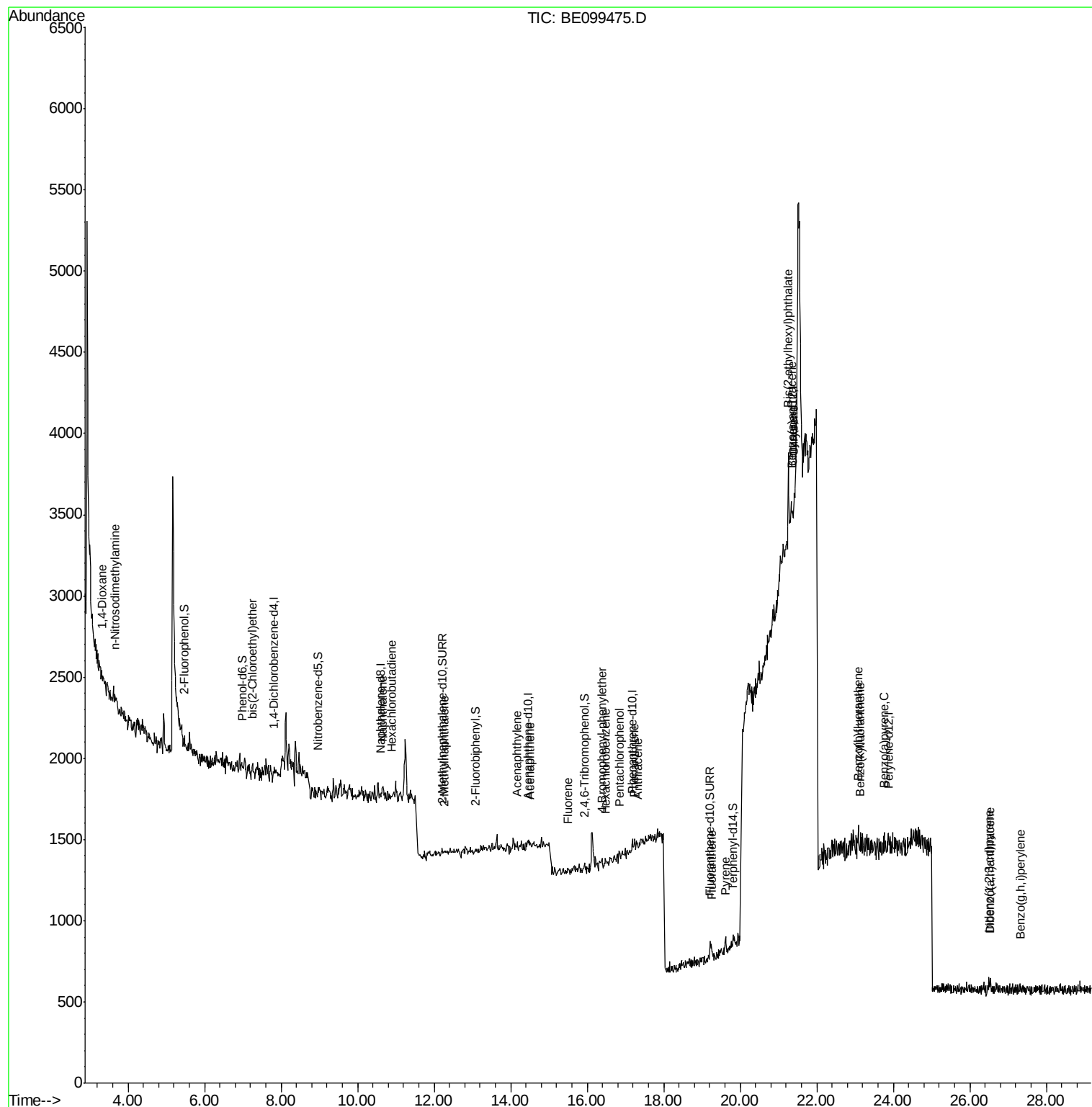
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	36	2.181	ng	# 27
3) n-Nitrosodimethylamine	3.65	42	37	3.719	ng	# 12
6) bis(2-Chloroethyl)ether	7.25	93	23	0.604	ng	# 1
9) Naphthalene	10.65	128	209	0.599	ng	# 58
10) Hexachlorobutadiene	10.89	225	19	0.783	ng	# 49
12) 2-Methylnaphthalene	12.27	142	16	0.264	ng	# 56
16) Acenaphthylene	14.17	152	35	0.265	ng	# 64
17) Acenaphthene	14.51	154	21	0.278	ng	# 77
18) Fluorene	15.49	166	59	0.530	ng	# 42
20) 4-Bromophenyl-phenylether	16.38	248	16	0.500	ng	# 51
21) Hexachlorobenzene	16.48	284	18	0.590	ng	# 1
22) Pentachlorophenol	16.84	266	57	3.319	ng	# 68
23) Phenanthrene	17.23	178	84	0.592	ng	# 36
24) Anthracene	17.32	178	35	0.259	ng	# 1
26) Fluoranthene	19.24	202	82	0.386	ng	# 60
28) Pyrene	19.61	202	95	0.607	ng	# 80
30) Benzo(a)anthracene	21.35	228	79	0.413	ng	# 1
31) Chrysene	21.40	228	65	0.347	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.26	149	858	3.111	ng	# 82
33) Indeno(1,2,3-cd)pyrene	26.51	276	9	0.041	ng	# 1
35) Benzo(b)fluoranthene	23.08	252	22	0.636	ng	# 1
36) Benzo(k)fluoranthene	23.14	252	37	1.109	ng	# 1
37) Benzo(a)pyrene	23.75	252	60	1.834	ng	# 1
38) Dibenzo(a,h)anthracene	26.52	278	14	0.418	ng	# 1
39) Benzo(g,h,i)perylene	27.33	276	19	0.567	ng	# 1

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

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QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS

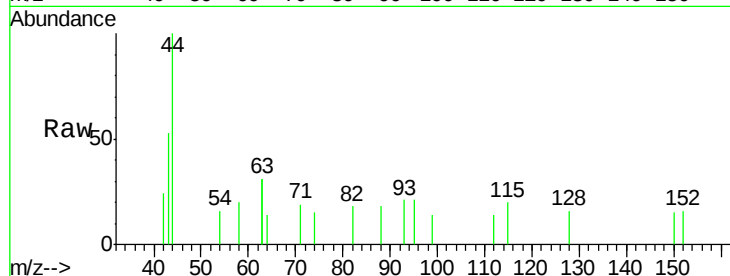
Tgt Ion: 152 Resp: 12

Ion Ratio Lower Upper

152 100

150 93.4 104.8 157.2#

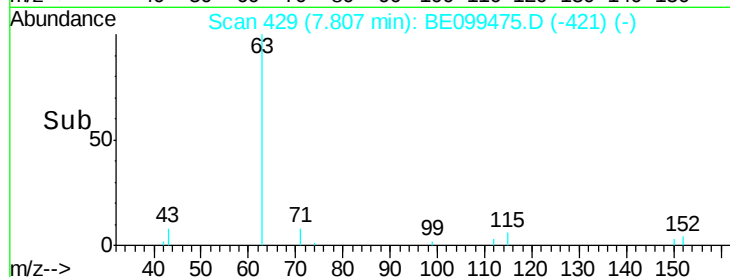
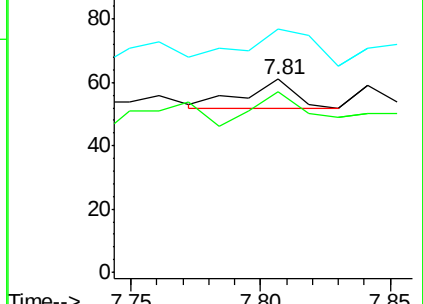
115 126.2 46.6 69.8#



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: 3.32 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

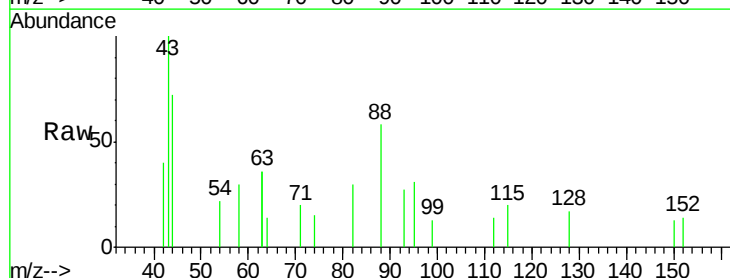
Tgt Ion: 88 Resp: 36

Ion Ratio Lower Upper

88 100

58 0.0 51.0 76.6#

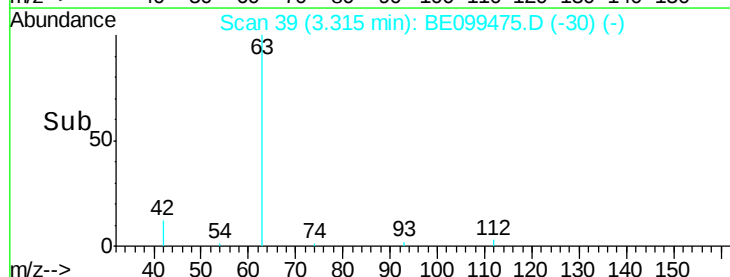
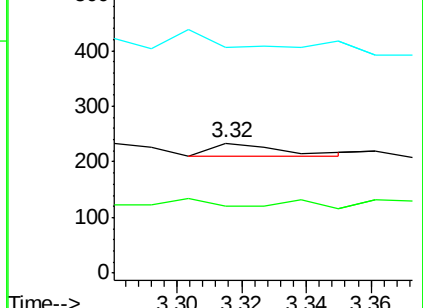
43 0.0 20.6 30.8#



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: 3.719 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS

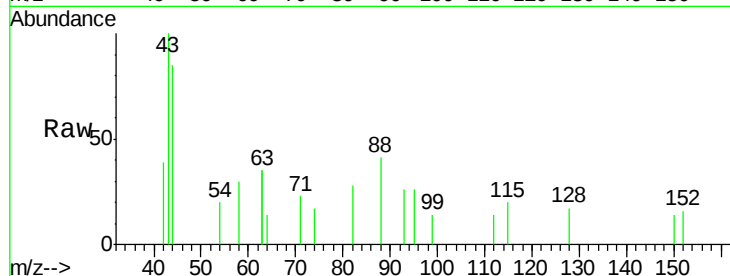
Tgt Ion: 42 Resp: 37

Ion Ratio Lower Upper

42 100

74 54.1 141.6 212.4#

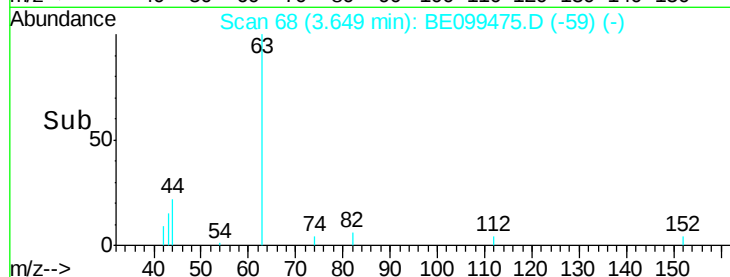
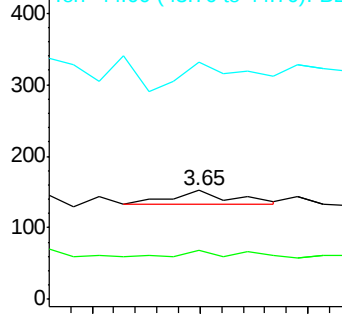
44 232.4 0.0 0.0#



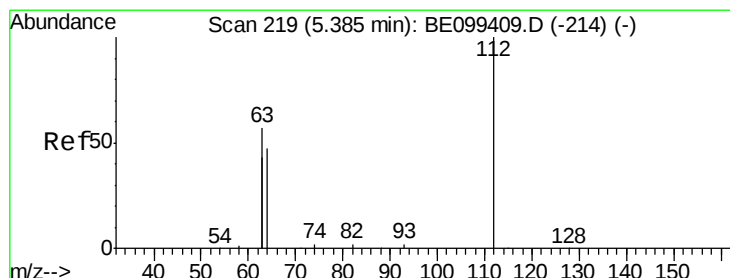
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.452 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.07 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

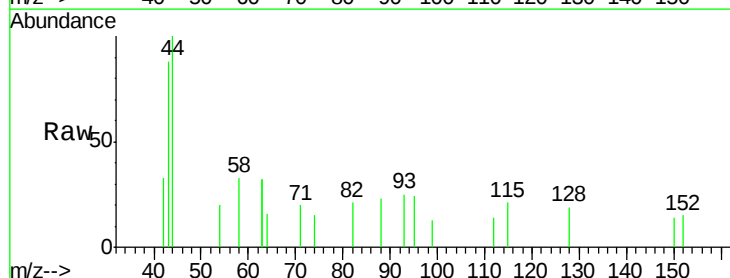
Tgt Ion: 112 Resp: 15

Ion Ratio Lower Upper

112 100

64 60.0 47.4 71.0

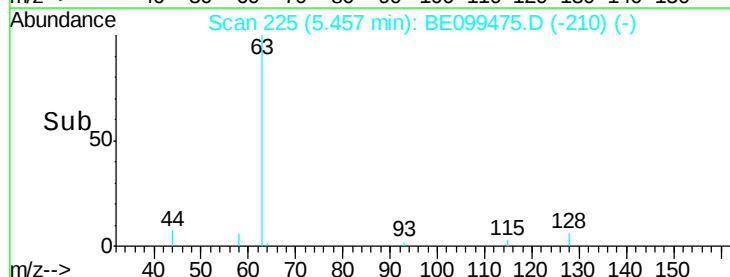
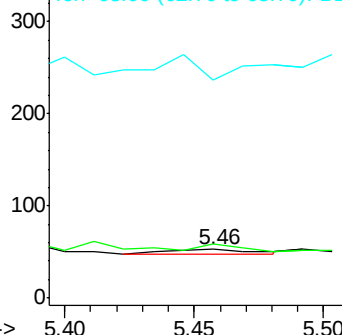
63 126.7 104.3 156.5



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: 0.499 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS

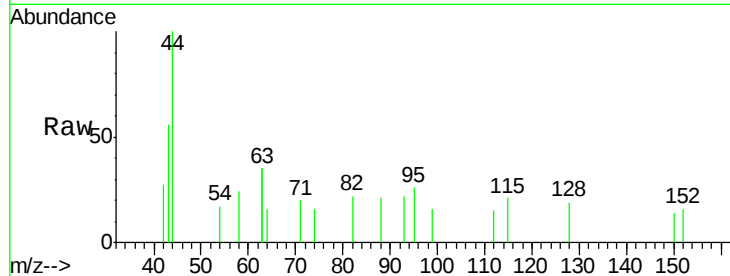
Tgt Ion: 99 Resp: 22

Ion Ratio Lower Upper

99 100

42 95.5 14.9 22.3#

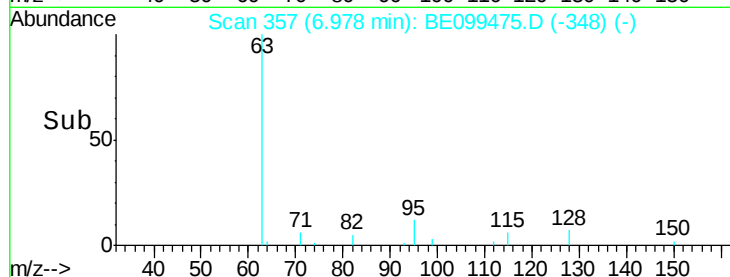
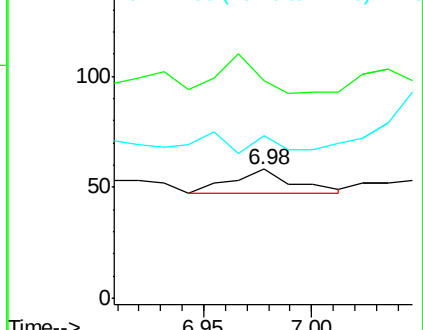
71 0.0 33.0 49.6#



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: 0.604 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.01 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

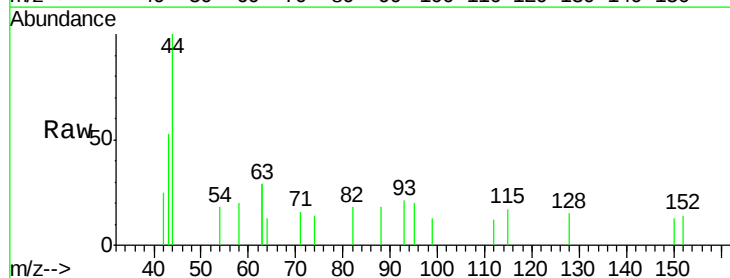
Tgt Ion: 93 Resp: 23

Ion Ratio Lower Upper

93 100

63 0.0 215.6 323.4#

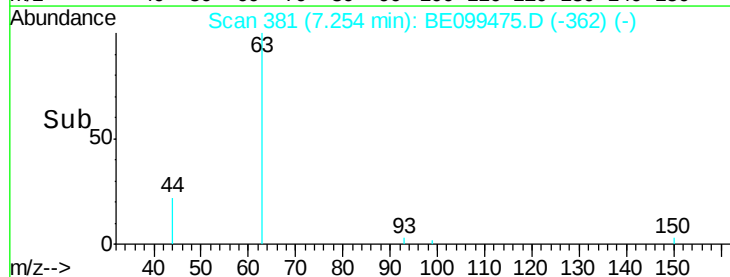
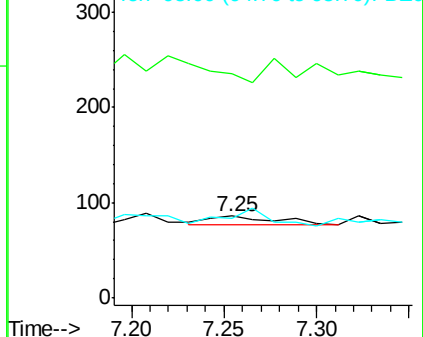
95 0.0 26.2 39.2#

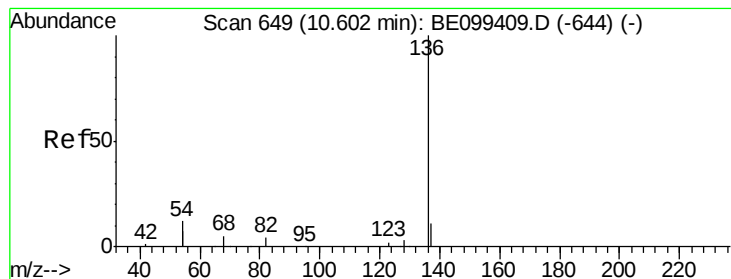


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

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Tgt Ion: 136 Resp: 32

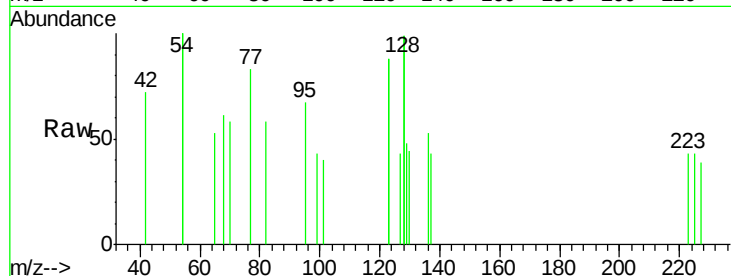
Ion Ratio Lower Upper

136 100

137 82.5 9.8 14.8#

54 381.0 18.5 27.7#

68 115.9 4.7 7.1#



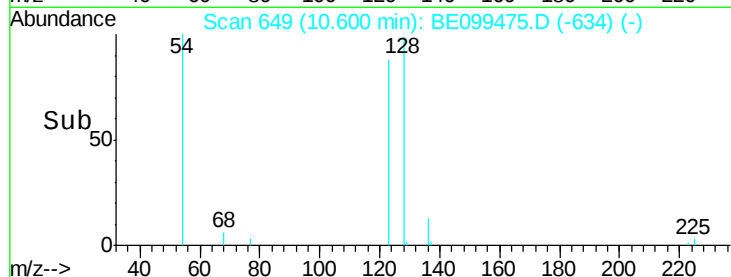
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

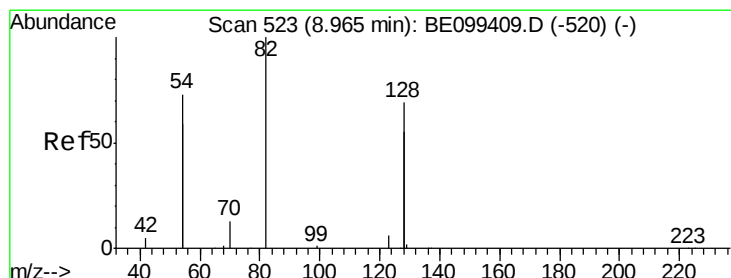
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.233 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

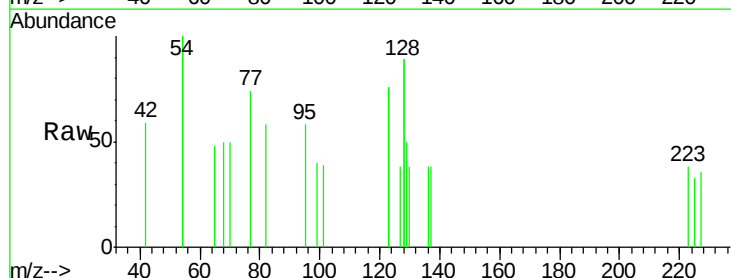
Tgt Ion: 82 Resp: 7

Ion Ratio Lower Upper

82 100

128 307.7 107.0 160.4#

54 346.2 113.1 169.7#

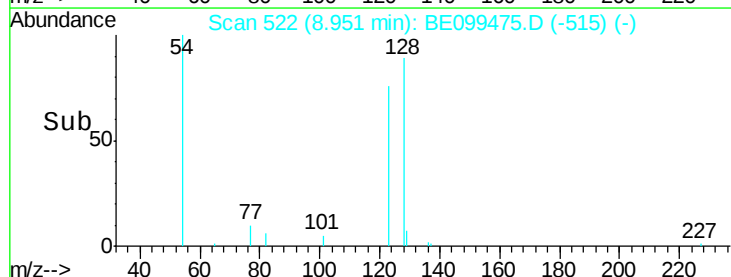


Abundance Ion 82.00 (81.70 to 82.70): BE0

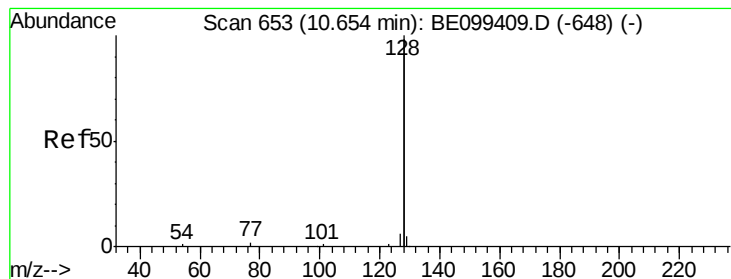
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#9

Naphthalene

Concen: 0.599 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

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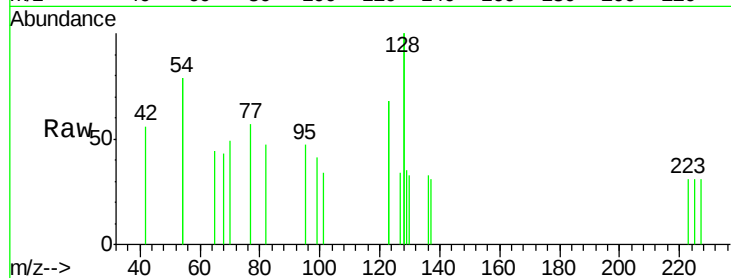
Tgt Ion:128 Resp: 209

Ion Ratio Lower Upper

128 100

129 17.6 2.4 3.6#

127 17.0 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

10.65

300

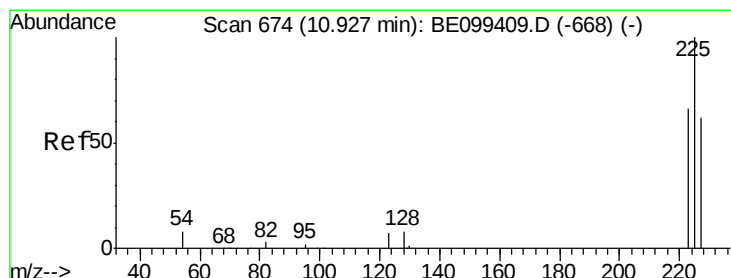
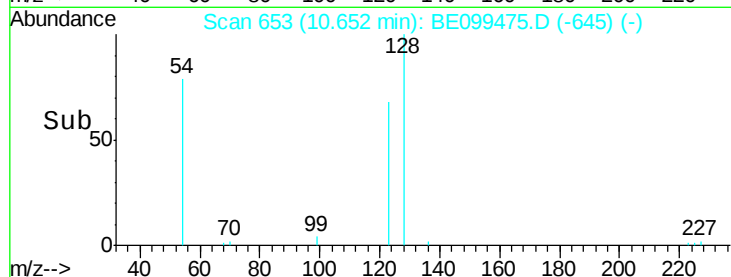
200

100

0

10.60 10.70

Time-->



#10

Hexachlorobutadiene

Concen: 0.783 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.04 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

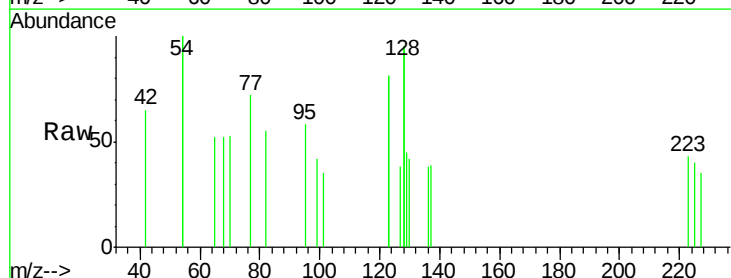
Tgt Ion:225 Resp: 19

Ion Ratio Lower Upper

225 100

223 47.4 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

10.89

60

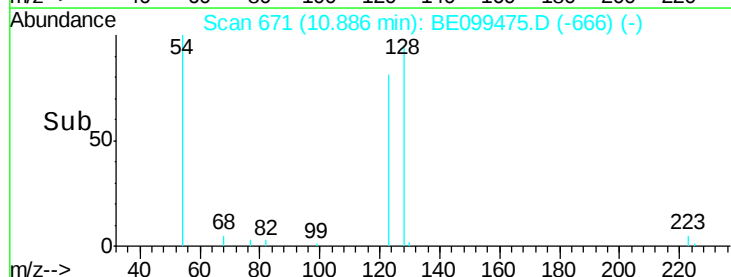
40

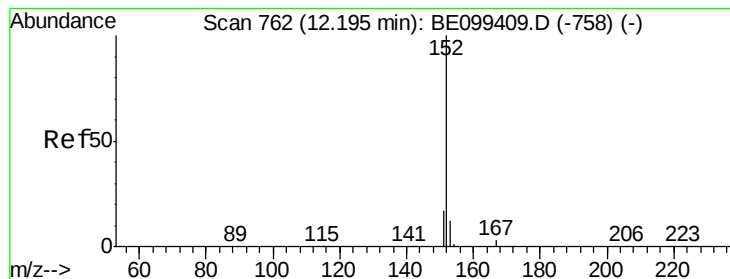
20

0

10.80 10.90 11.00

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.260 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

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ClientSampleId :

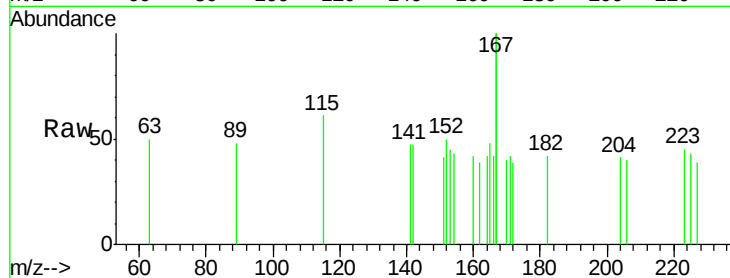
PST-001-B194-042519MS

Tgt Ion:152 Resp: 15

Ion Ratio Lower Upper

152 100

151 26.7 15.5 23.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

60

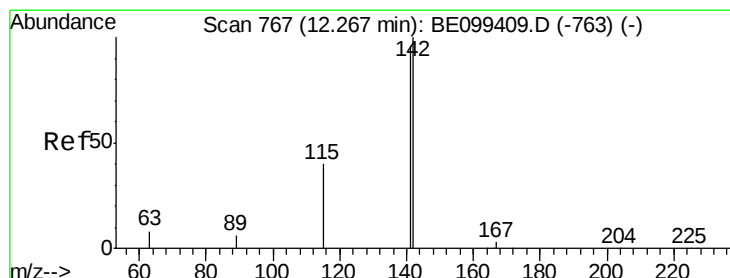
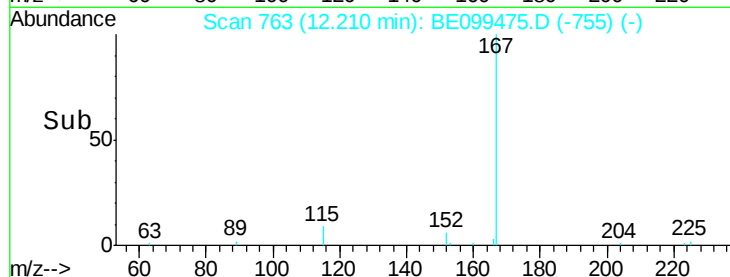
12.21

40

20

0

Time--> 12.15 12.20 12.25



#12

2-Methylnaphthalene

Concen: 0.264 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

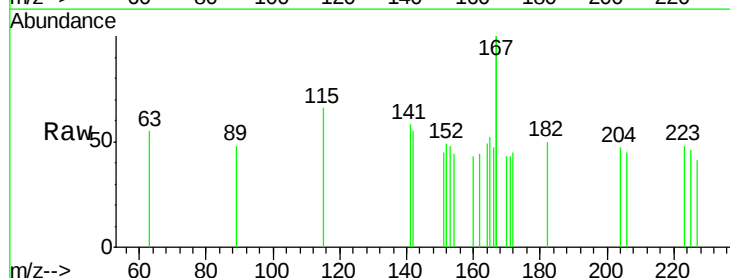
Tgt Ion:142 Resp: 16

Ion Ratio Lower Upper

142 100

141 105.0 77.0 115.4

115 120.0 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

100

80

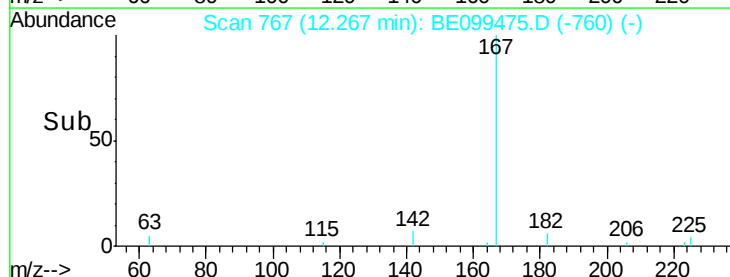
60

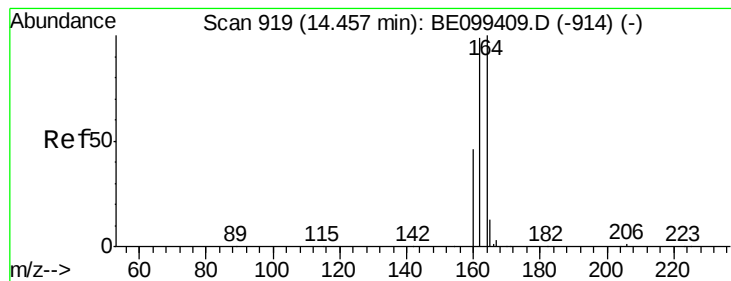
40

20

0

Time--> 12.20 12.25 12.30 12.35





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

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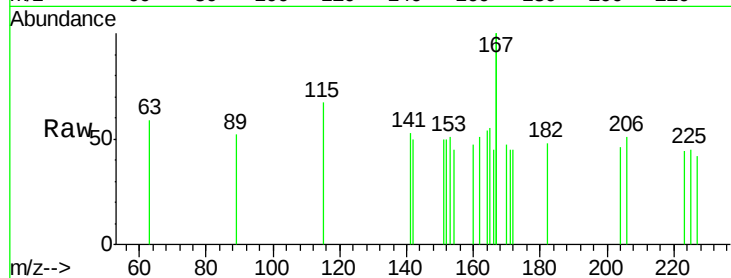
Tgt Ion:164 Resp: 27

Ion Ratio Lower Upper

164 100

162 94.9 79.0 118.4

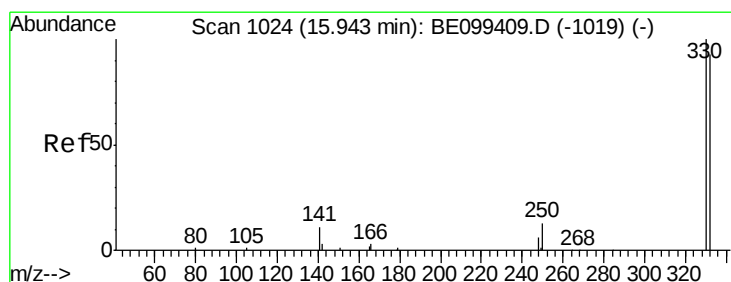
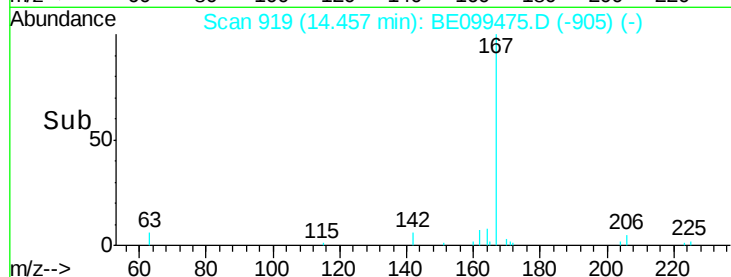
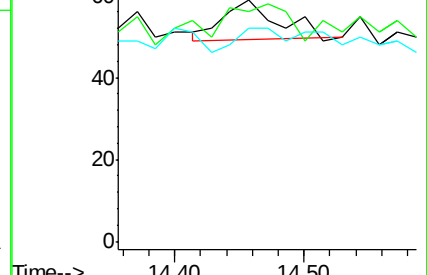
160 88.1 37.0 55.4#



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: 0.176 ng

RT: 15.93 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

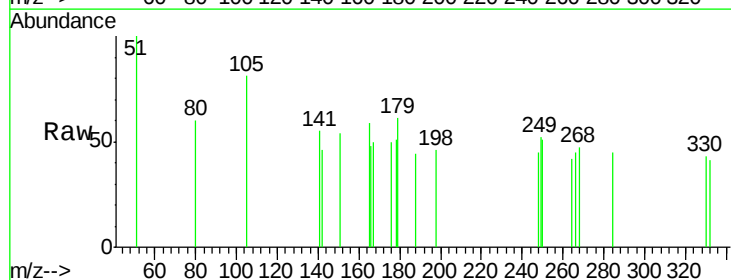
Tgt Ion:330 Resp: 3

Ion Ratio Lower Upper

330 100

332 0.0 71.5 107.3#

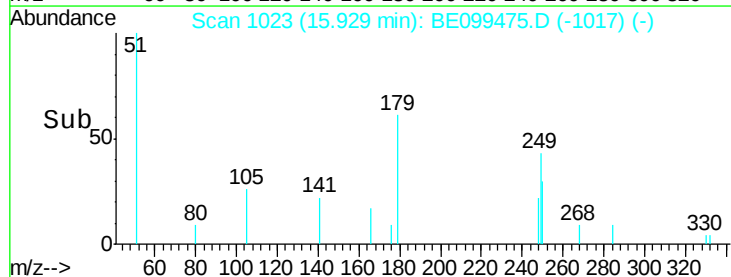
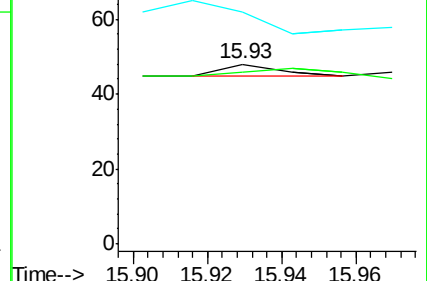
141 633.3 24.0 36.0#

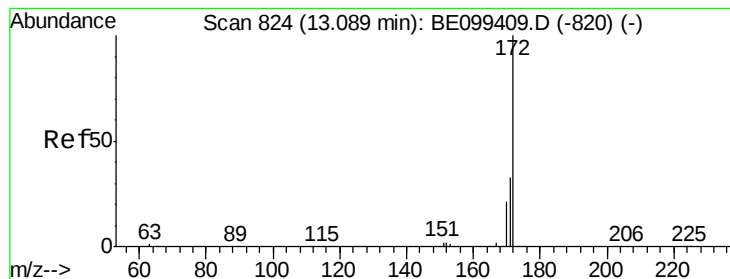


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.282 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS

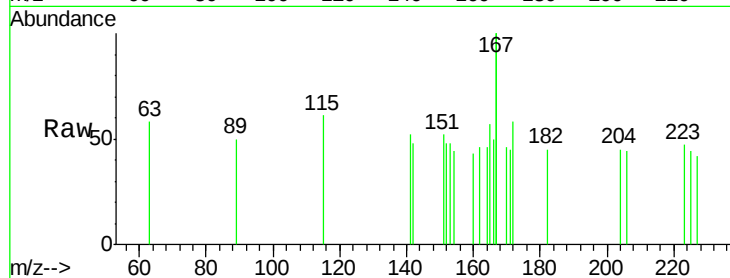
Tgt Ion:172 Resp: 29

Ion Ratio Lower Upper

172 100

171 77.8 26.6 39.8#

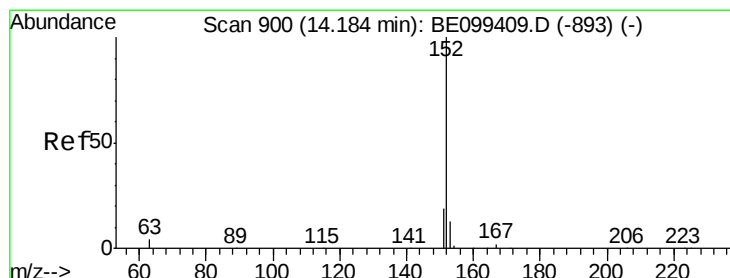
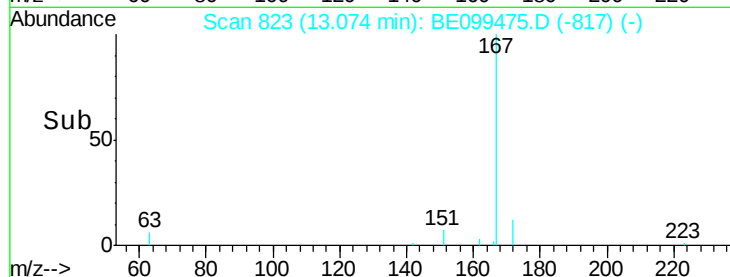
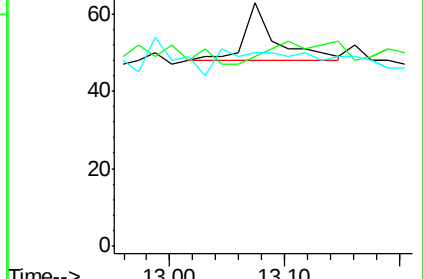
170 79.4 17.0 25.6#



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: 0.265 ng

RT: 14.17 min Scan# 899

Delta R.T. -0.01 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

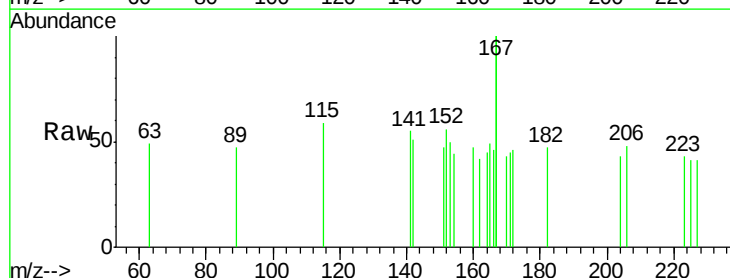
Tgt Ion:152 Resp: 35

Ion Ratio Lower Upper

152 100

151 37.1 15.4 23.2#

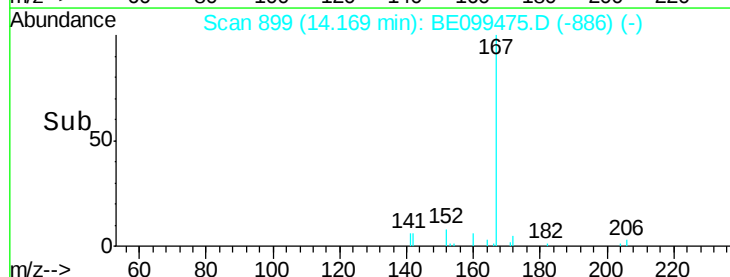
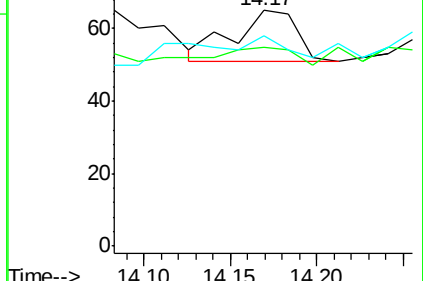
153 0.0 9.8 14.6#

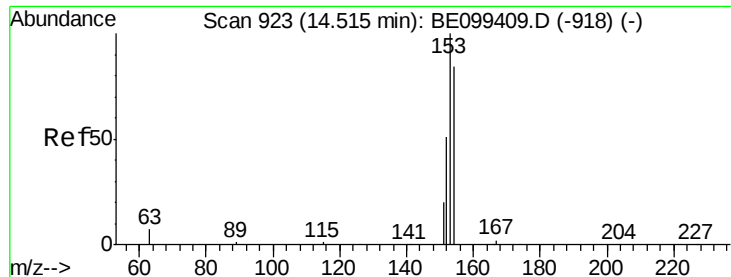


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.278 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS

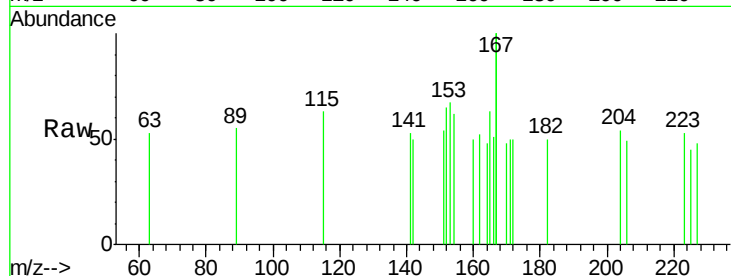
Tgt Ion:154 Resp: 21

Ion Ratio Lower Upper

154 100

153 152.4 92.6 138.8#

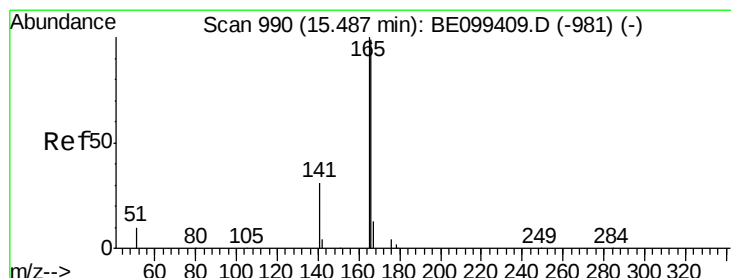
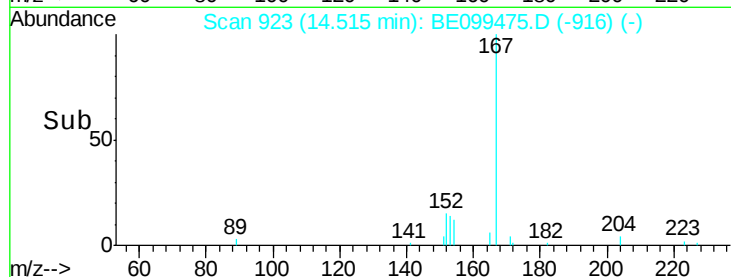
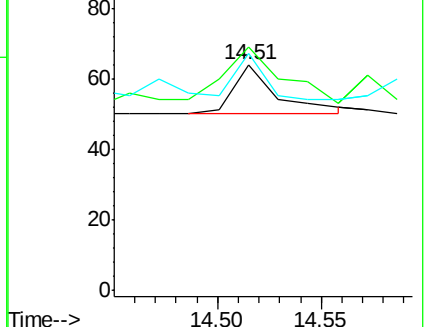
152 57.1 45.8 68.8



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: 0.530 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

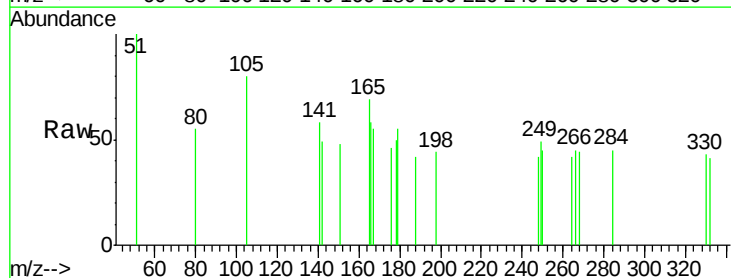
Tgt Ion:166 Resp: 59

Ion Ratio Lower Upper

166 100

165 39.0 80.3 120.5#

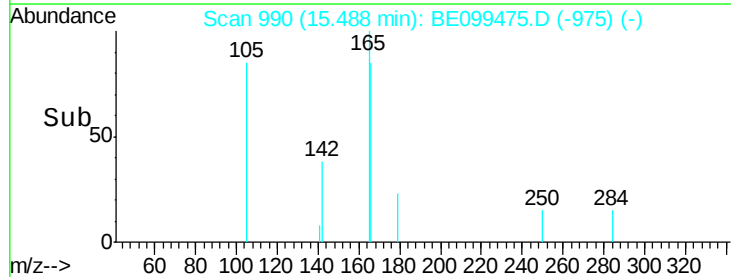
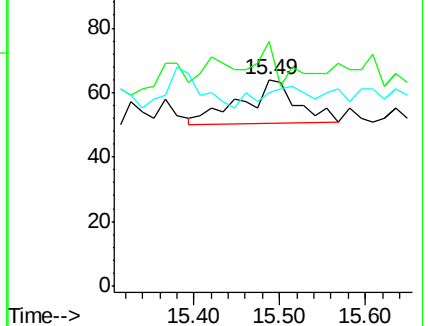
167 0.0 10.7 16.1#

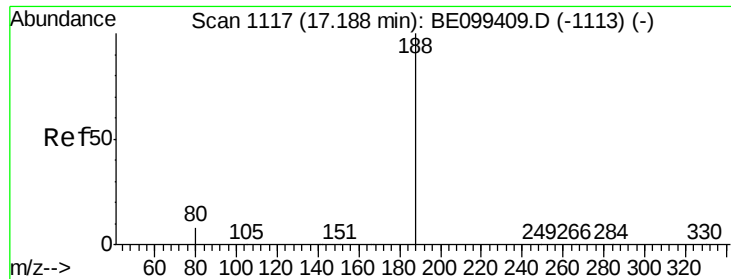


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS

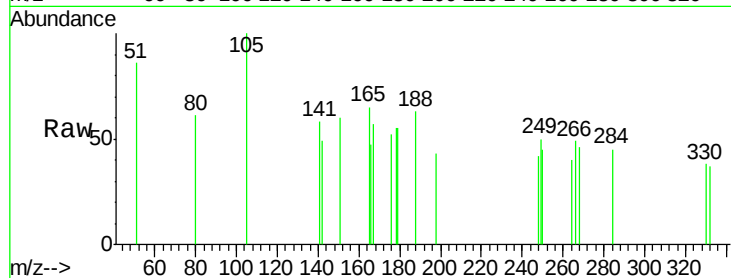
Tgt Ion:188 Resp: 55

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

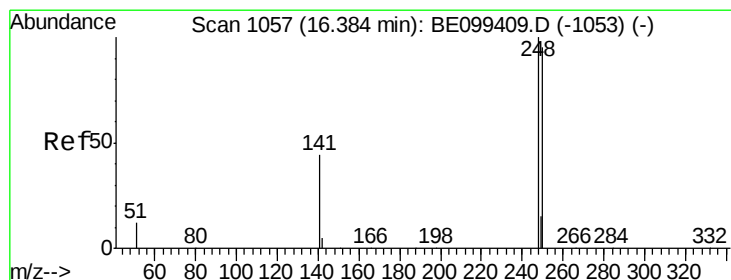
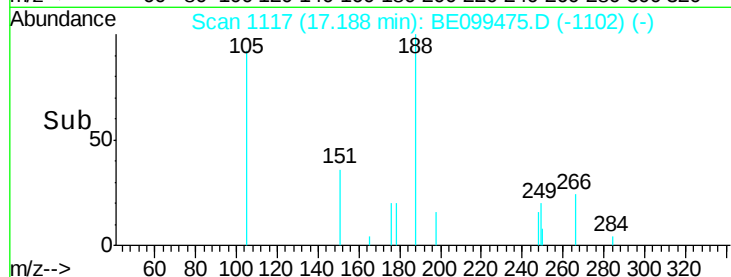
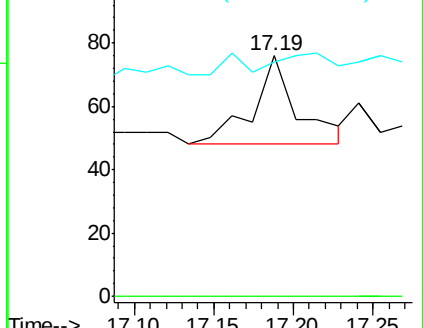
80 97.4 6.7 10.1#



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: 0.500 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

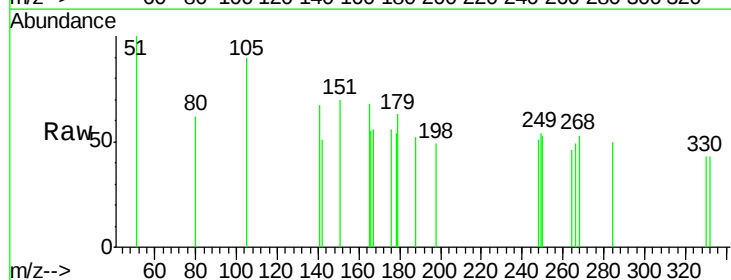
Tgt Ion:248 Resp: 16

Ion Ratio Lower Upper

248 100

250 103.8 75.8 113.8

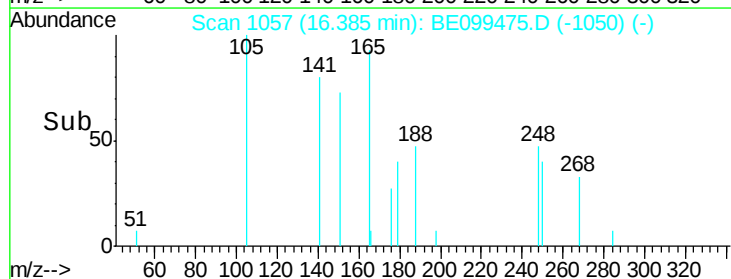
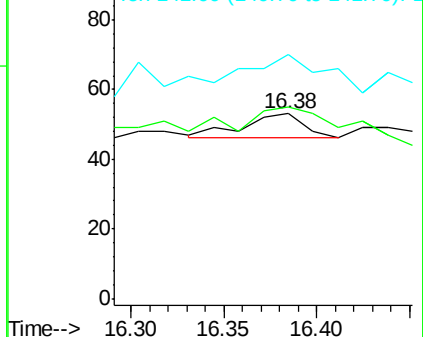
141 132.1 35.7 53.5#

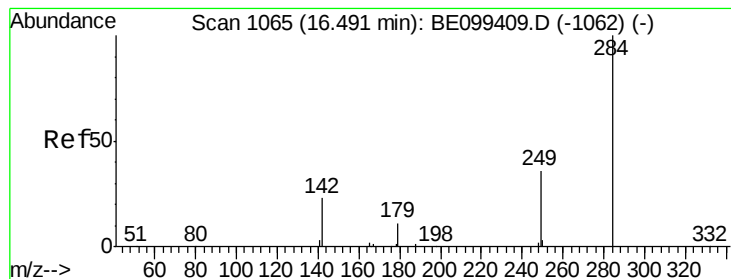


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.590 ng

RT: 16.48 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS

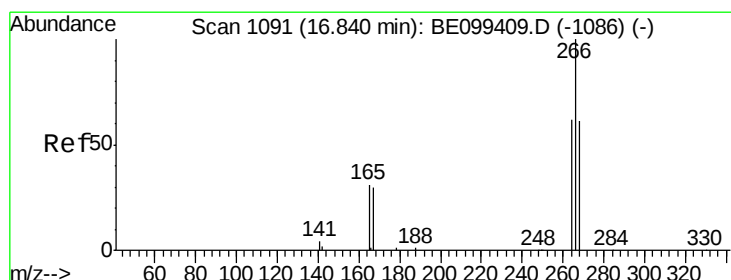
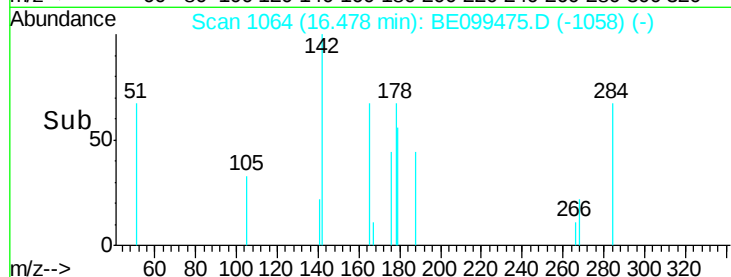
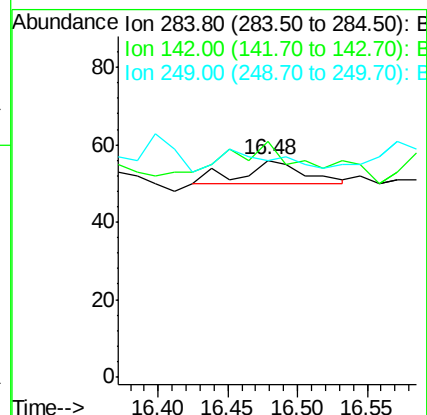
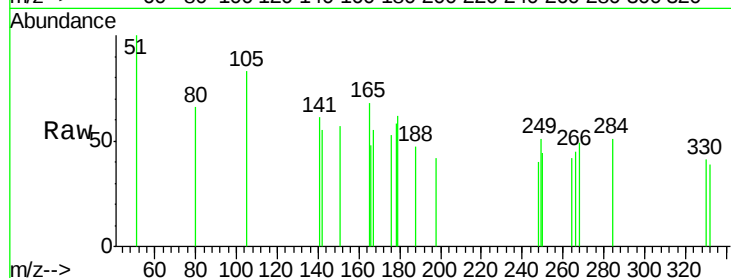
Tgt Ion:284 Resp: 18

Ion Ratio Lower Upper

284 100

142 111.1 21.0 31.6#

249 0.0 26.7 40.1#



#22

Pentachlorophenol

Concen: 3.319 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

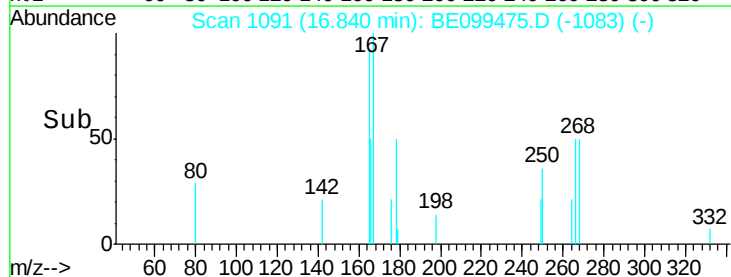
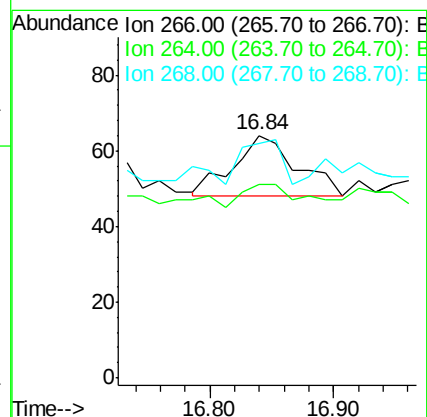
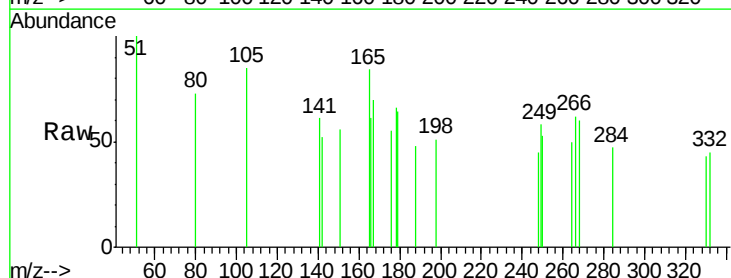
Tgt Ion:266 Resp: 57

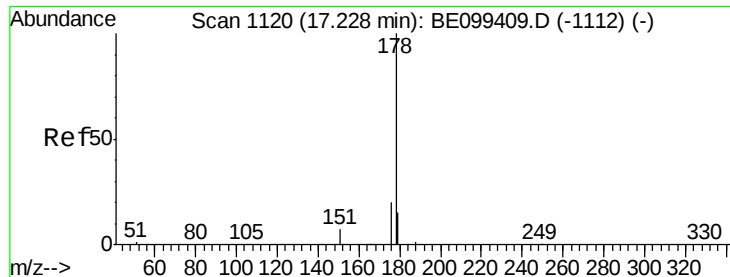
Ion Ratio Lower Upper

266 100

264 79.7 50.8 76.2#

268 96.9 50.5 75.7#





#23

Phenanthrene

Concen: 0.592 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS

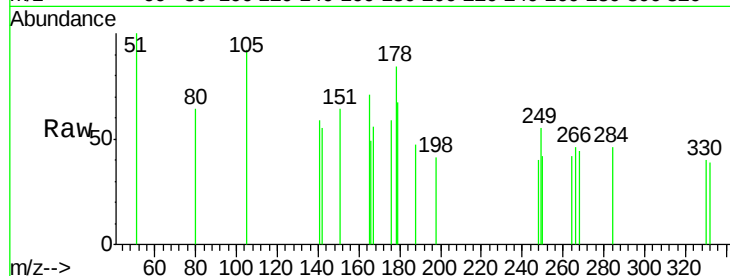
Tgt Ion:178 Resp: 84

Ion Ratio Lower Upper

178 100

176 47.6 15.6 23.4#

179 42.9 12.0 18.0#

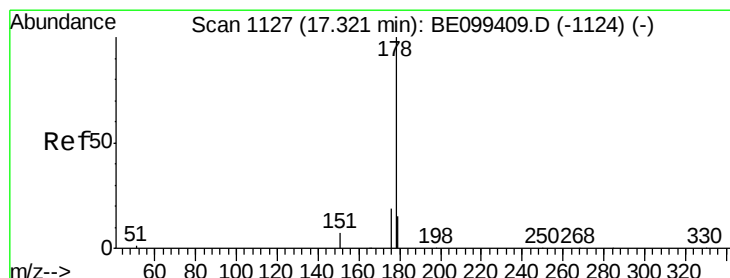
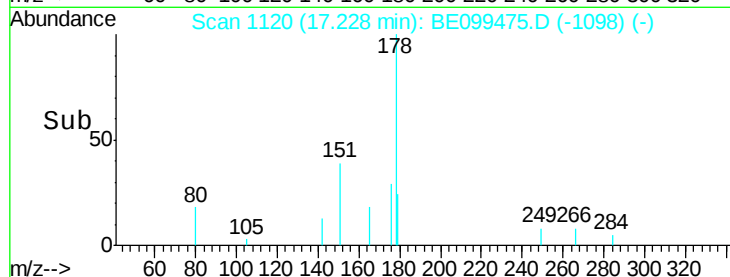
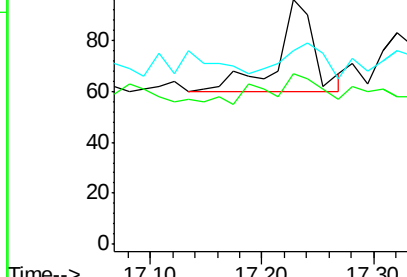


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.23



#24

Anthracene

Concen: 0.259 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

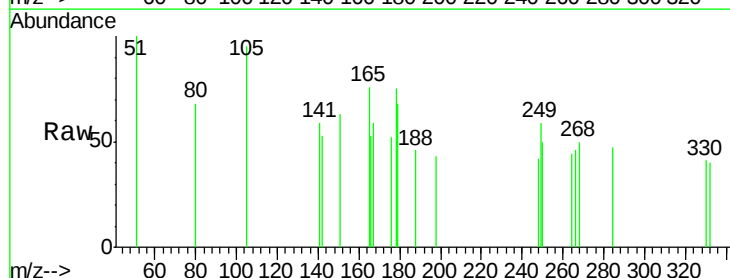
Tgt Ion:178 Resp: 35

Ion Ratio Lower Upper

178 100

176 0.0 14.9 22.3#

179 122.9 11.9 17.9#

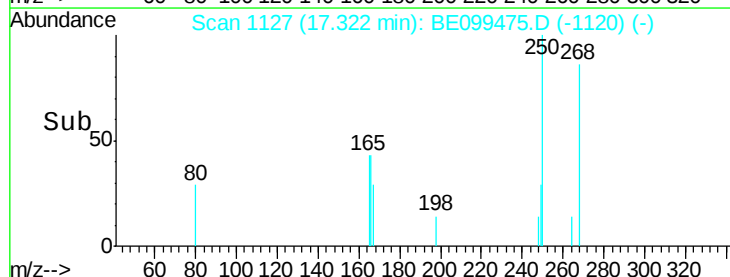
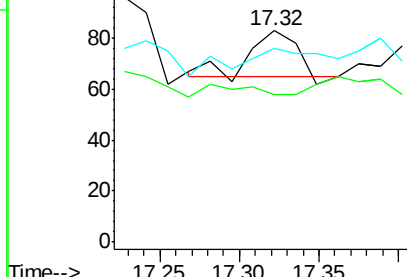


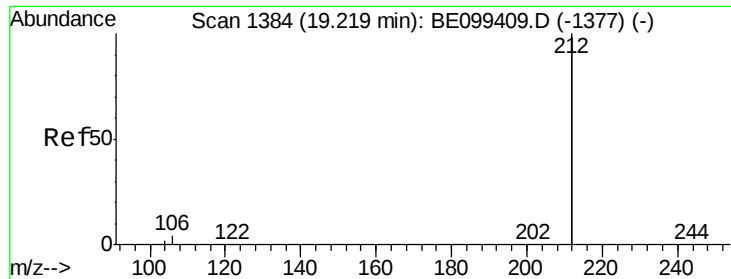
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.32





#25

Fluoranthene-d10

Concen: 0.301 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS

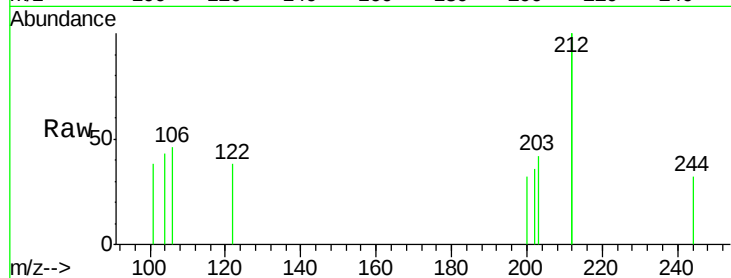
Tgt Ion:212 Resp: 223

Ion Ratio Lower Upper

212 100

106 6.3 1.5 2.3#

104 13.9 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

19.21

400

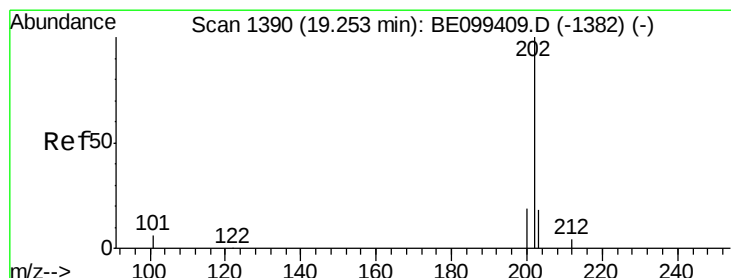
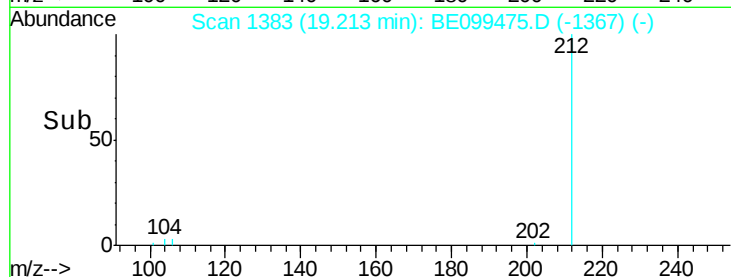
300

200

100

0

Time--> 19.15 19.20 19.25



#26

Fluoranthene

Concen: 0.386 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

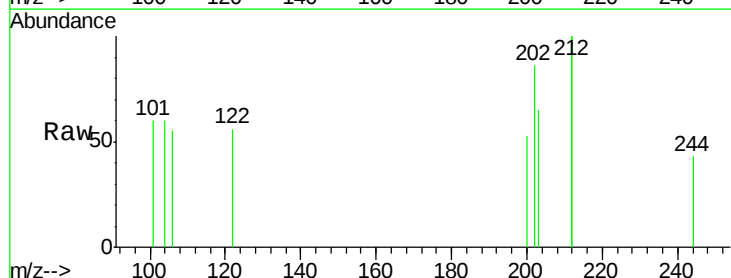
Tgt Ion:202 Resp: 82

Ion Ratio Lower Upper

202 100

101 22.0 5.4 8.0#

203 34.1 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

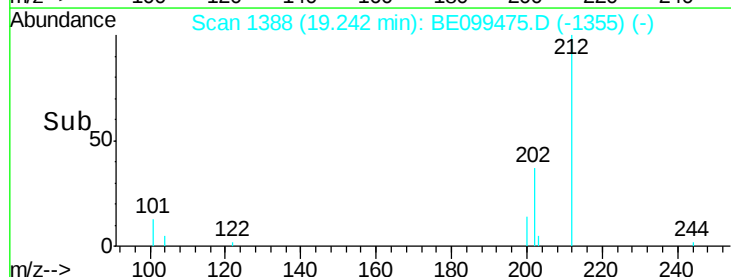
19.24

100

50

0

Time--> 19.20 19.25 19.30





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS

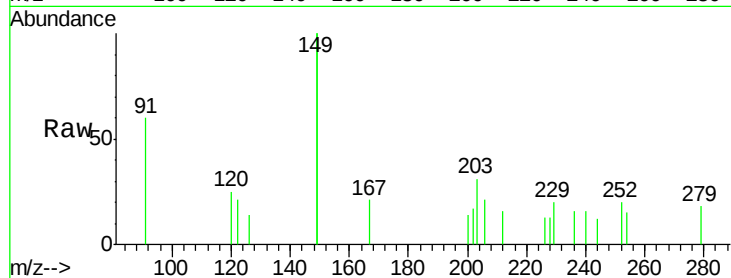
Tgt Ion:240 Resp: 60

Ion Ratio Lower Upper

240 100

120 154.6 4.0 6.0#

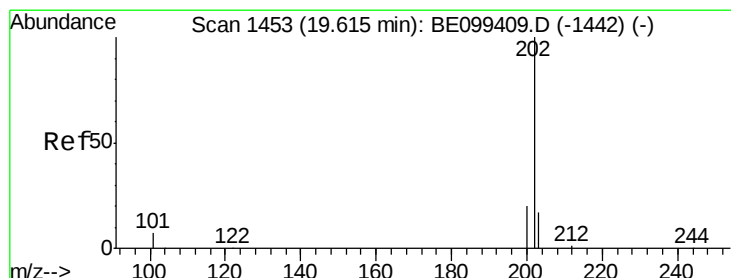
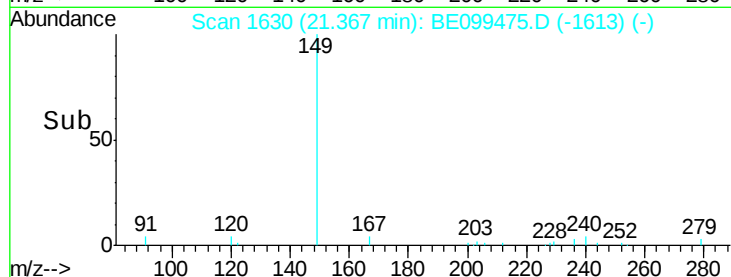
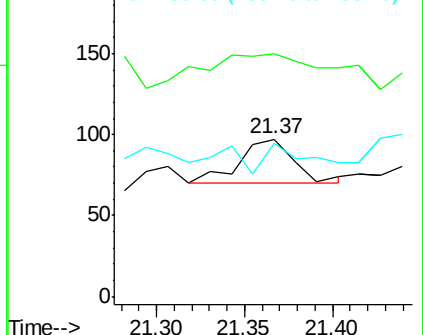
236 97.9 22.0 33.0#



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: 0.607 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

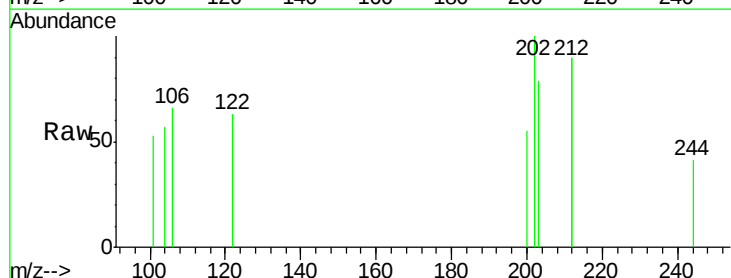
Tgt Ion:202 Resp: 95

Ion Ratio Lower Upper

202 100

200 21.1 15.7 23.5

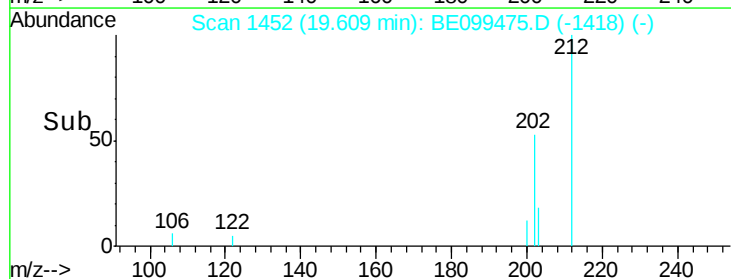
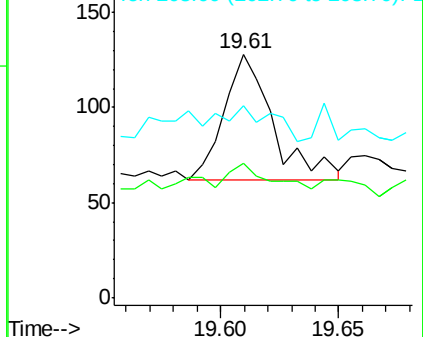
203 0.0 13.9 20.9#

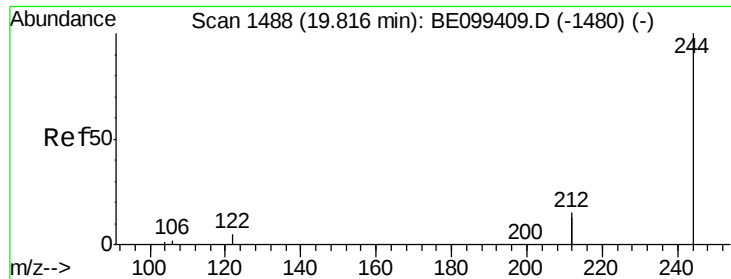


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.510 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099475.D

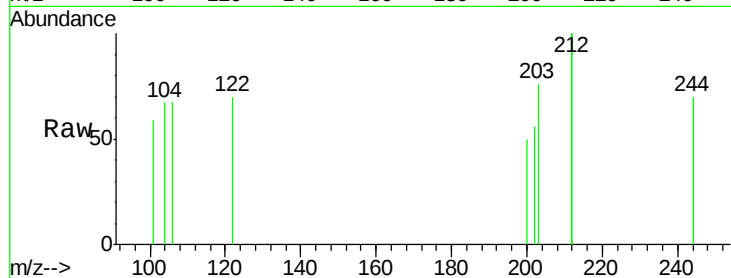
Acq: 1 May 2019 22:34

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS



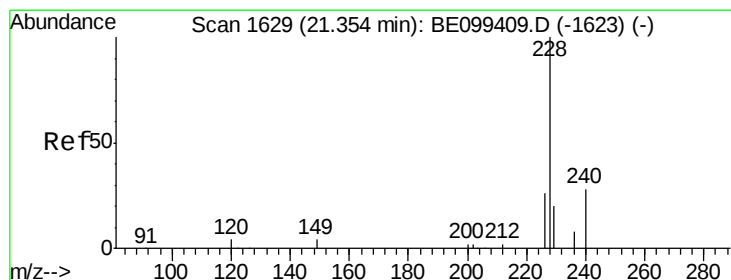
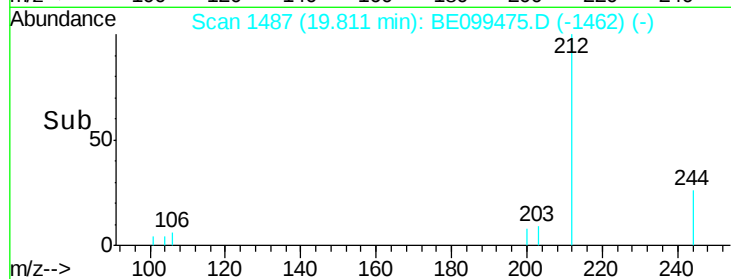
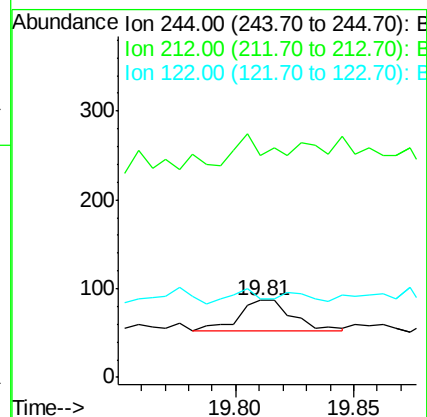
Tgt Ion:244 Resp: 56

Ion Ratio Lower Upper

244 100

212 287.4 23.2 34.8#

122 101.1 4.2 6.4#



#30

Benzo(a)anthracene

Concen: 0.413 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

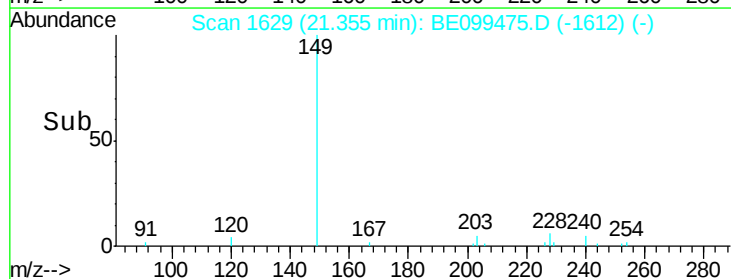
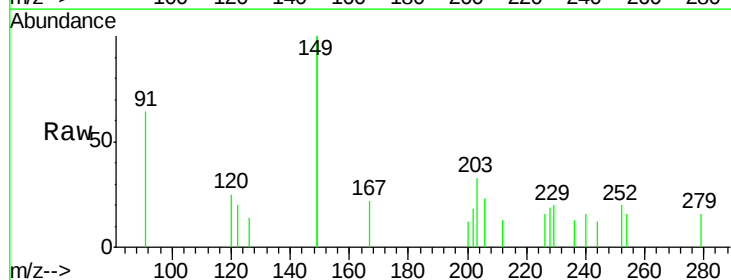
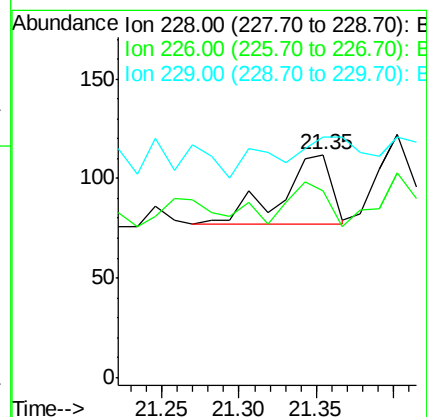
Tgt Ion:228 Resp: 79

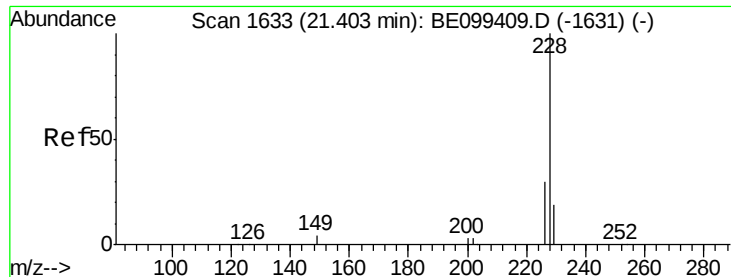
Ion Ratio Lower Upper

228 100

226 83.9 21.0 31.6#

229 108.0 16.6 25.0#





#31

Chrysene

Concen: 0.347 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS

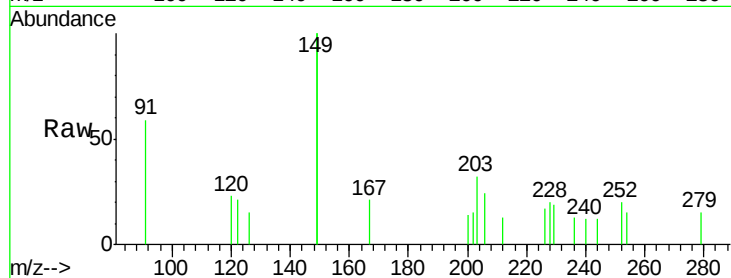
Tgt Ion:228 Resp: 65

Ion Ratio Lower Upper

228 100

226 84.4 24.0 36.0#

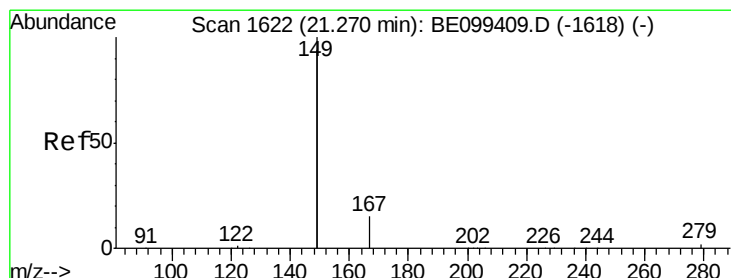
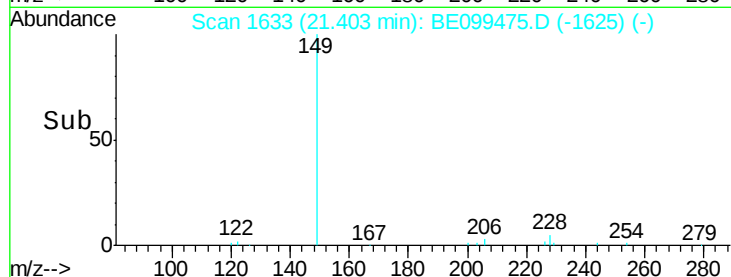
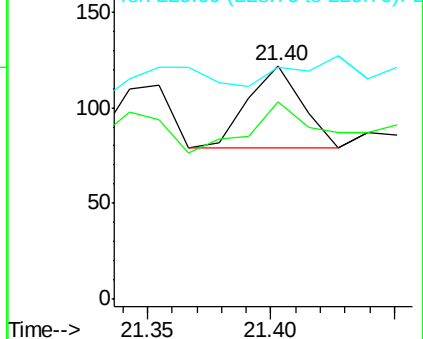
229 99.2 15.8 23.8#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 3.111 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

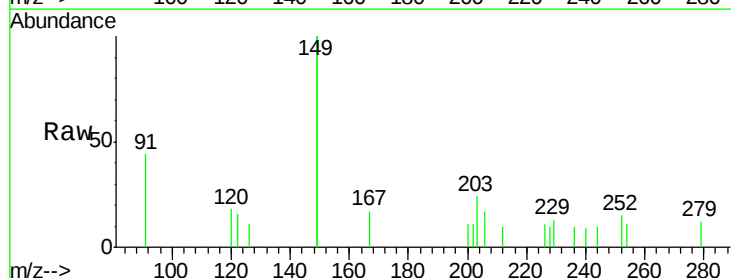
Tgt Ion:149 Resp: 858

Ion Ratio Lower Upper

149 100

167 0.0 5.8 8.6#

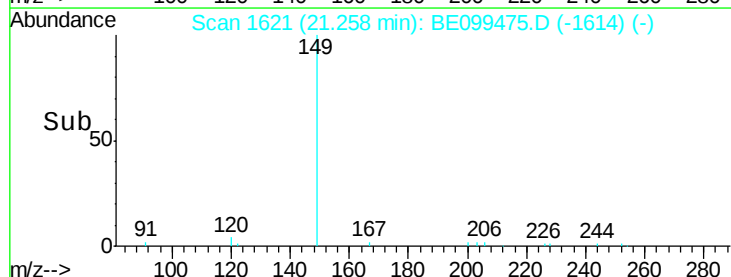
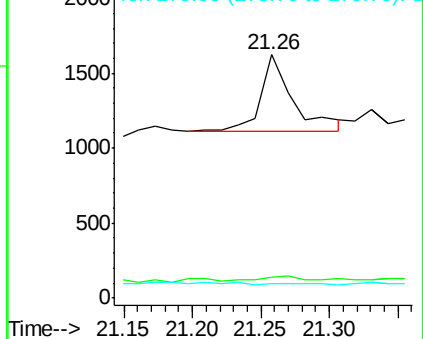
279 0.0 1.0 1.6#

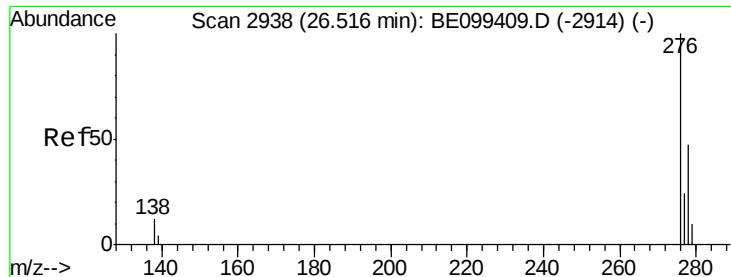


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.041 ng

RT: 26.51 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS

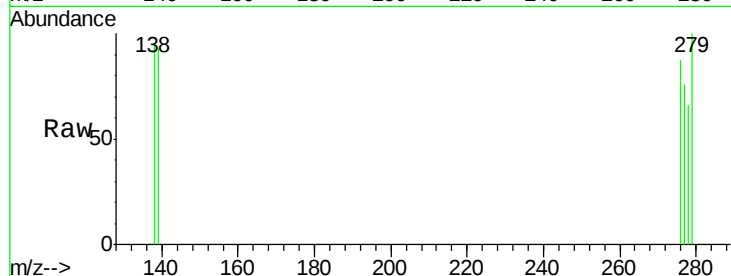
Tgt Ion:276 Resp: 9

Ion Ratio Lower Upper

276 100

138 166.7 10.2 15.2#

277 66.7 19.2 28.8#

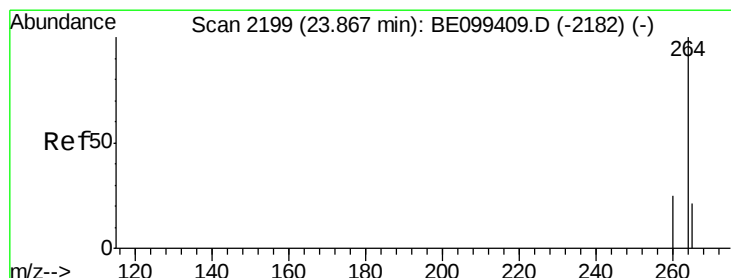
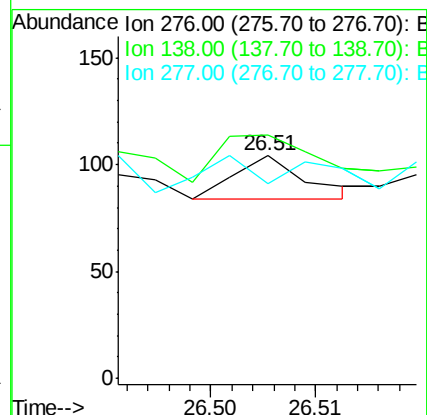
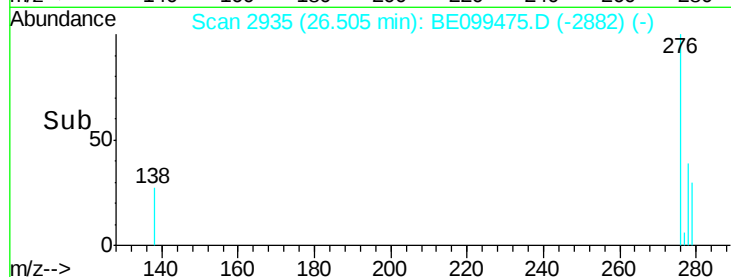


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

26.51



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.87 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

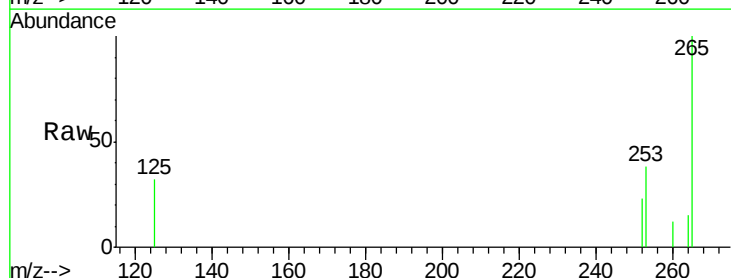
Tgt Ion:264 Resp: 12

Ion Ratio Lower Upper

264 100

260 79.8 20.2 30.2#

265 676.0 21.3 31.9#

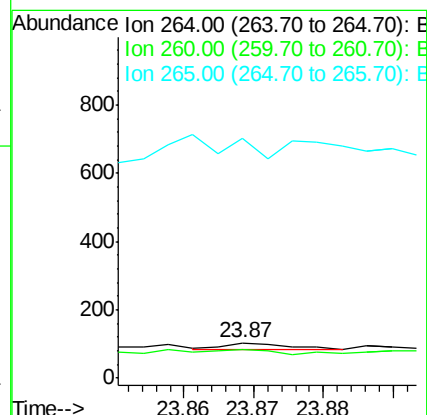
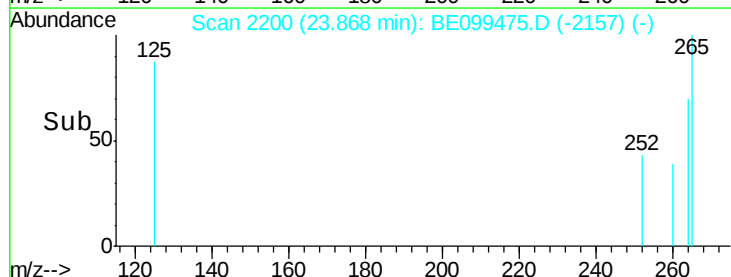


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.87





#35

Benzo(b)fluoranthene

Concen: 0.636 ng

RT: 23.08 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS

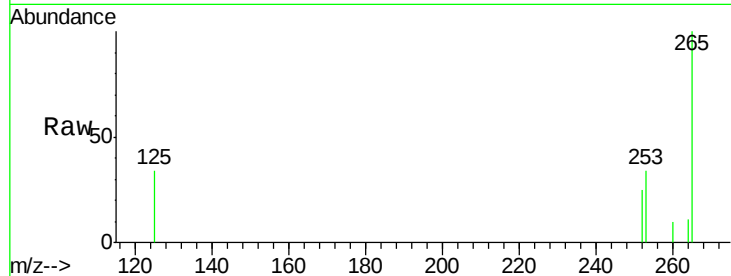
Tgt Ion: 252 Resp: 22

Ion Ratio Lower Upper

252 100

253 138.4 18.1 27.1#

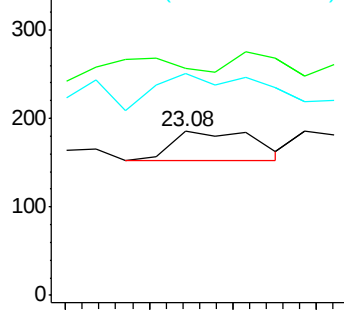
125 135.7 5.6 8.4#



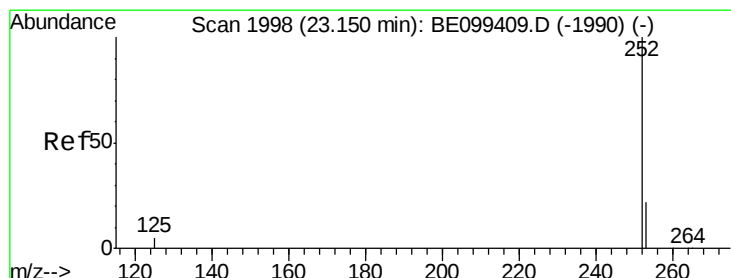
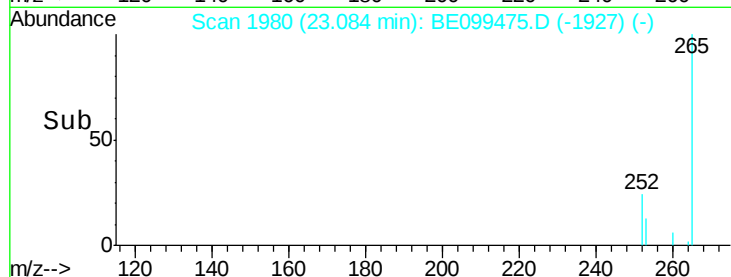
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 23.07 23.08 23.09 23.10



#36

Benzo(k)fluoranthene

Concen: 1.109 ng

RT: 23.14 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

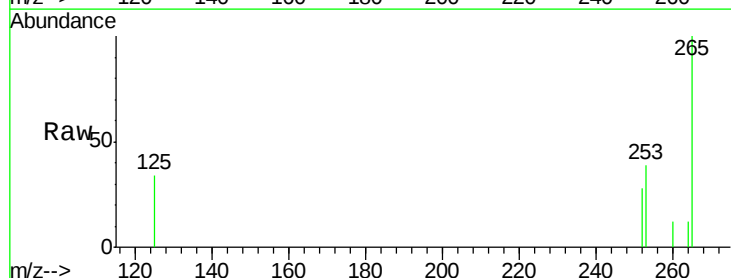
Tgt Ion: 252 Resp: 37

Ion Ratio Lower Upper

252 100

253 140.0 18.4 27.6#

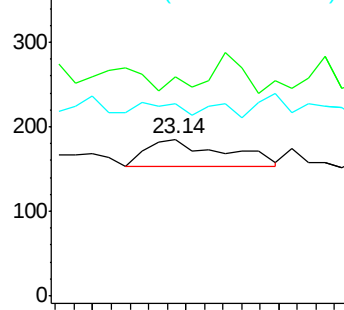
125 123.2 5.0 7.4#



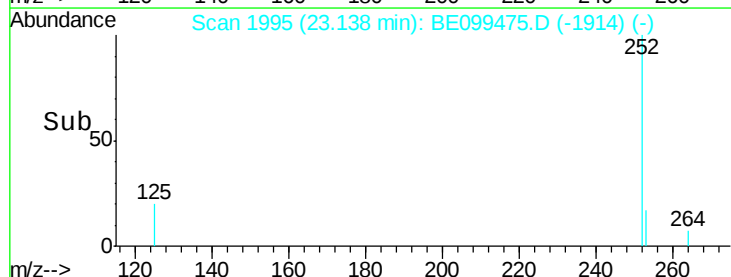
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 23.12 23.14 23.16





#37

Benzo(a)pyrene

Concen: 1.834 ng

RT: 23.75 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS

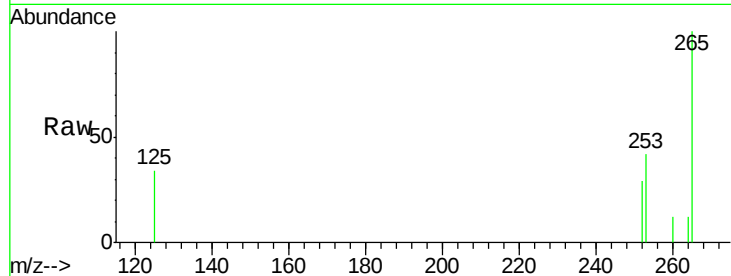
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

253 144.5 18.9 28.3#

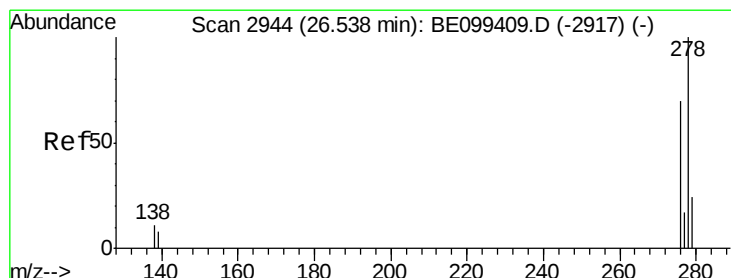
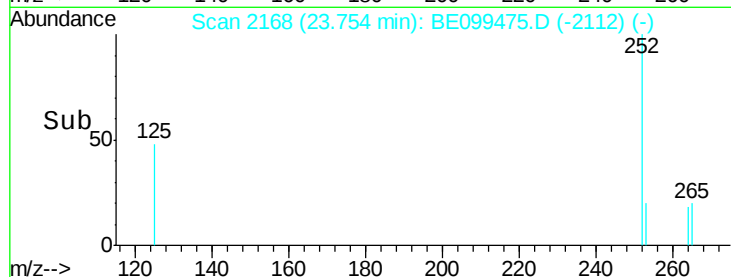
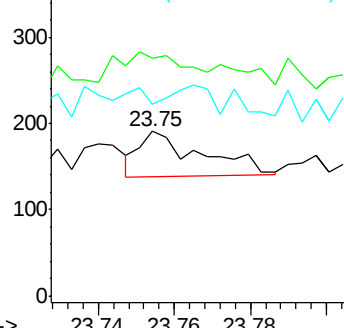
125 116.8 6.7 10.1#



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: 0.418 ng

RT: 26.52 min Scan# 2940

Delta R.T. -0.01 min

Lab File: BE099475.D

Acq: 1 May 2019 22:34

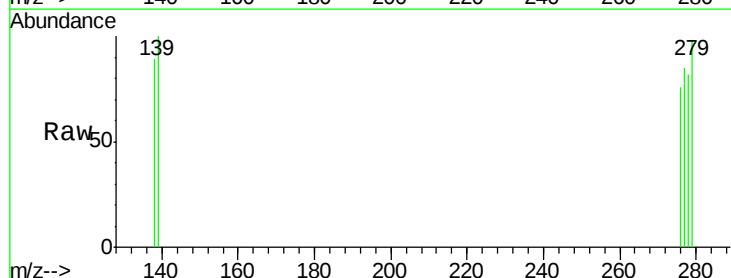
Tgt Ion:278 Resp: 14

Ion Ratio Lower Upper

278 100

139 122.3 7.7 11.5#

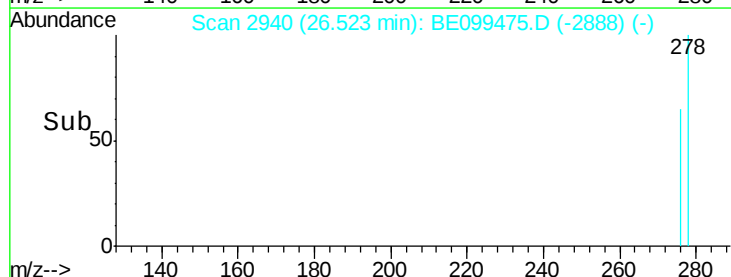
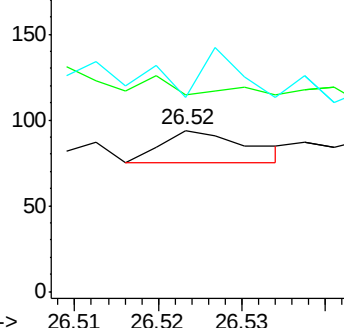
279 120.2 20.2 30.2#



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(g,h,i)perylene

Concen: 0.567 ng

RT: 27.33 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BE099475.D

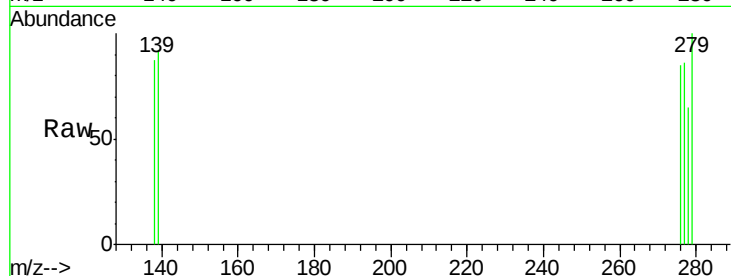
Acq: 1 May 2019 22:34

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS



Tgt Ion: 276 Resp: 19

Ion Ratio Lower Upper

276 100

277 101.0 19.5 29.3#

138 102.0 9.6 14.4#

