

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
 Data File : BE099463.D
 Acq On : 1 May 2019 14:43
 Operator : JU/SJ
 Sample : K2589-15MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B186-042419MS

Quant Time: May 02 04:13:49 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	1763	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	6440	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	4947	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	16812	0.40	ng	0.00
27) Chrysene-d12	21.37	240	22357	0.40	ng	0.00
34) Perylene-d12	23.86	264	25995	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1298	0.27	ng	0.00
5) Phenol-d6	6.97	99	1780	0.27	ng	0.00
8) Nitrobenzene-d5	8.97	82	1488	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	3468	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	939	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	4229	0.22	ng	-0.01
25) Fluoranthene-d10	19.22	212	56128	0.25	ng	0.00
29) Terphenyl-d14	19.81	244	11783	0.29	ng	0.00

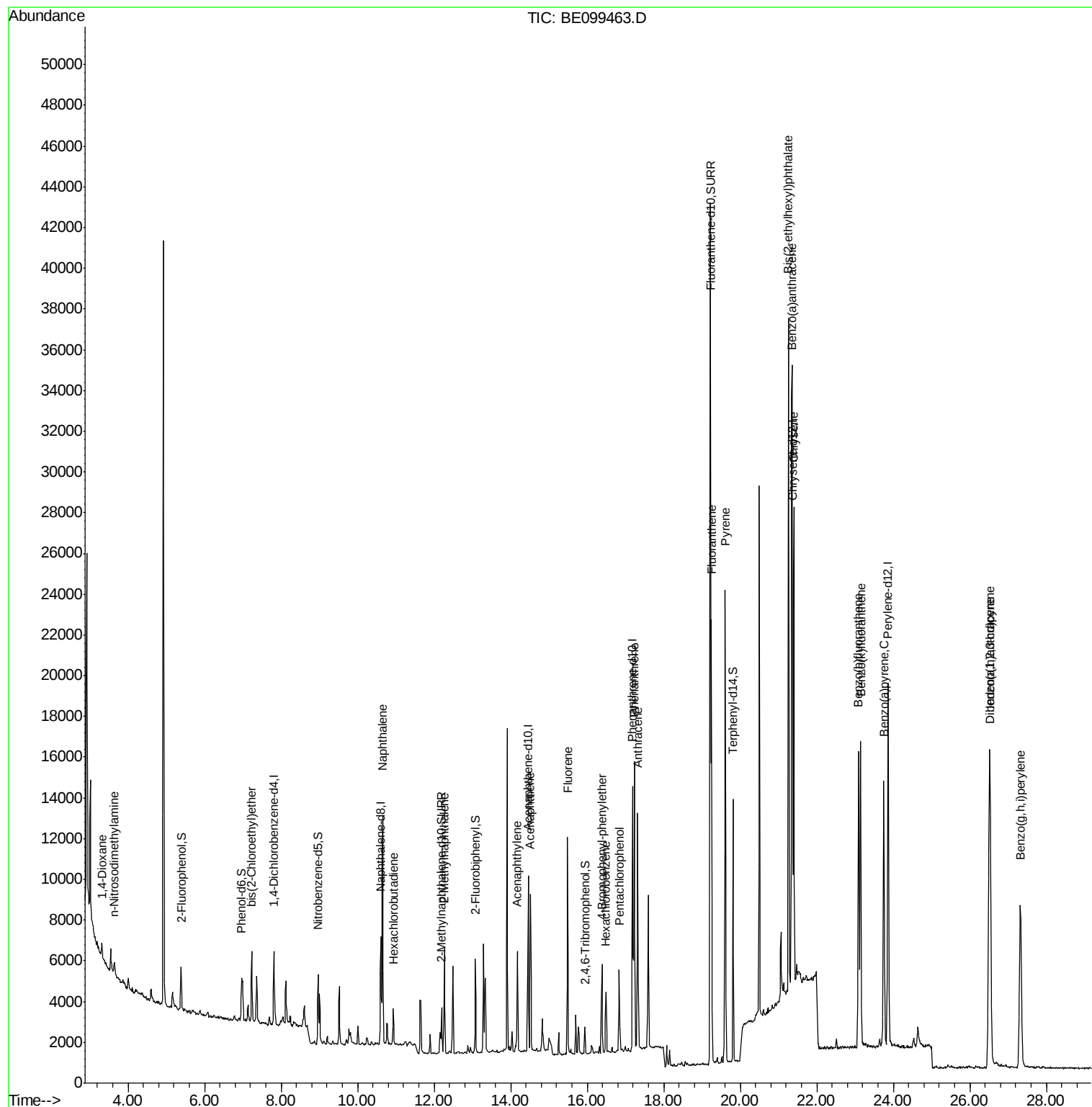
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	466	0.192	ng	# 56
3) n-Nitrosodimethylamine	3.64	42	356	0.244	ng	# 86
6) bis(2-Chloroethyl)ether	7.23	93	1321	0.236	ng	94
9) Naphthalene	10.65	128	18916	0.270	ng	100
10) Hexachlorobutadiene	10.93	225	1217	0.249	ng	99
12) 2-Methylnaphthalene	12.27	142	3351	0.275	ng	93
16) Acenaphthylene	14.17	152	6390	0.264	ng	97
17) Acenaphthene	14.51	154	3711	0.268	ng	98
18) Fluorene	15.49	166	5984	0.293	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	2334	0.238	ng	# 92
21) Hexachlorobenzene	16.49	284	2443	0.262	ng	98
22) Pentachlorophenol	16.84	266	2181	0.604	ng	97
23) Phenanthrene	17.23	178	13973	0.322	ng	98
24) Anthracene	17.32	178	11719	0.283	ng	99
26) Fluoranthene	19.25	202	20379	0.314	ng	99
28) Pyrene	19.61	202	21360	0.367	ng	99
30) Benzo(a)anthracene	21.34	228	23350	0.328	ng	98
31) Chrysene	21.40	228	22865	0.328	ng	98
32) Bis(2-ethylhexyl)phthalate	21.26	149	42732	0.354	ng	100
33) Indeno(1,2,3-cd)pyrene	26.51	276	25285	0.307	ng	99
35) Benzo(b)fluoranthene	23.09	252	22039	0.294	ng	# 94
36) Benzo(k)fluoranthene	23.14	252	21392	0.296	ng	# 95
37) Benzo(a)pyrene	23.75	252	21048	0.297	ng	# 96
38) Dibenzo(a,h)anthracene	26.53	278	21027	0.290	ng	99
39) Benzo(g,h,i)perylene	27.32	276	21619	0.298	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

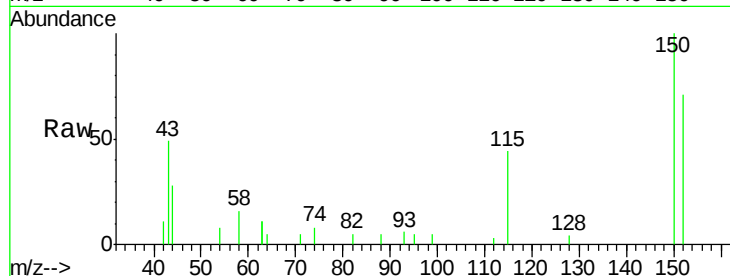
Tot Ion:152 Resp: 1763

Ion Ratio Lower Upper

152 100

150 141.4 104.8 157.2

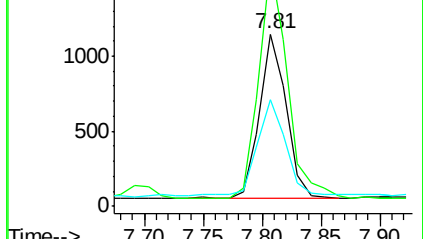
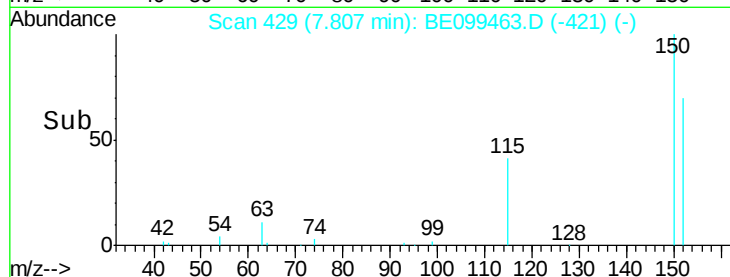
115 62.2 46.6 69.8



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: 0.192 ng

RT: 3.32 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

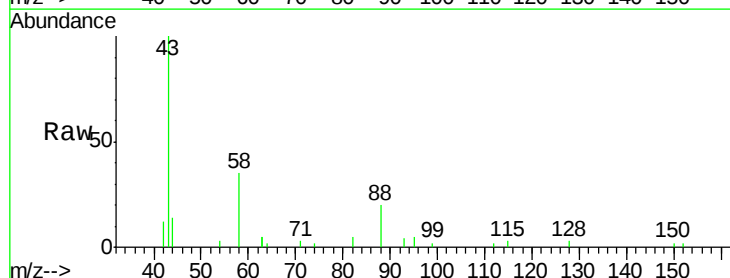
Tgt Ion: 88 Resp: 466

Ion Ratio Lower Upper

88 100

58 96.6 51.0 76.6#

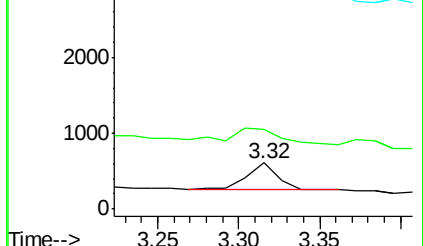
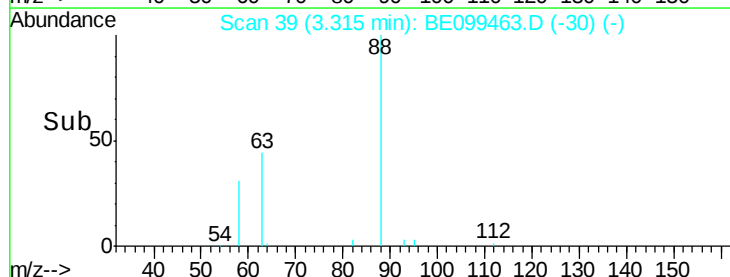
43 0.0 20.6 30.8#



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



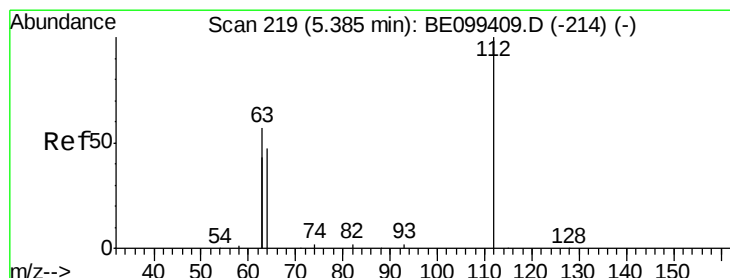
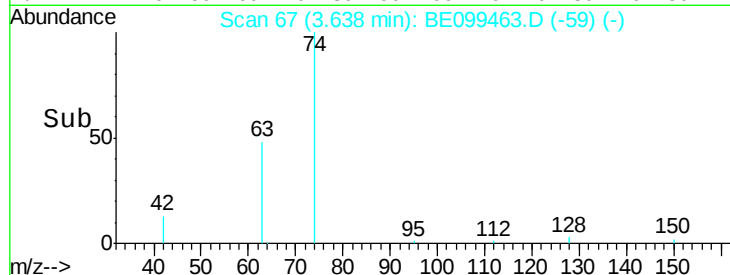
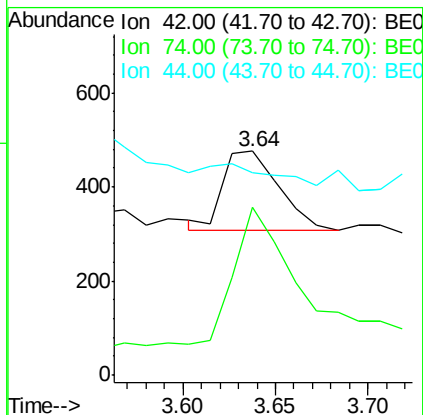
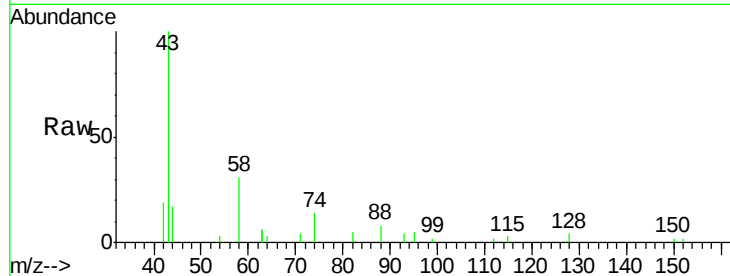


#3

n-Nitrosodimethylamine
 Concen: 0.244 ng
 RT: 3.64 min Scan# 67
 Delta R.T. -0.01 min
 Lab File: BE099463.D
 Acq: 1 May 2019 14:43

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B186-042419MS

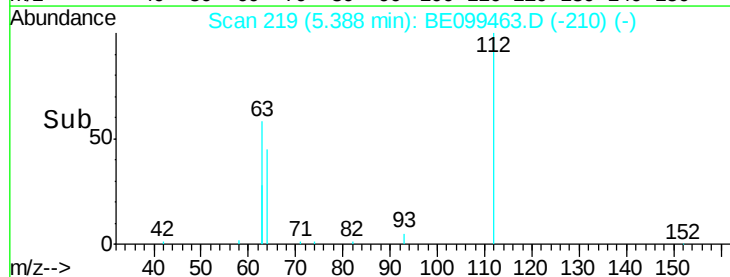
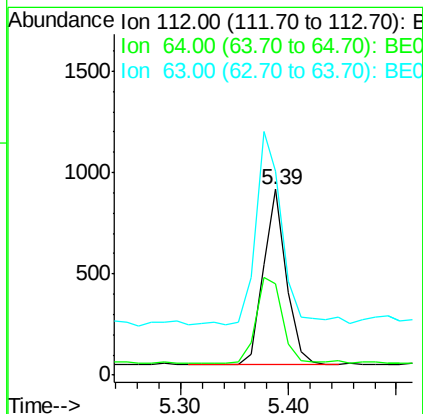
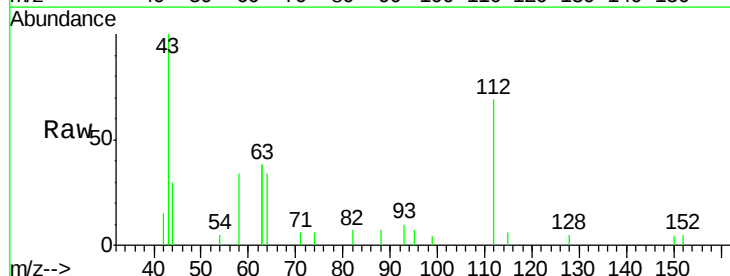
Tot Ion: 42 Resp: 356
 Ion Ratio Lower Upper
 42 100
 74 196.9 141.6 212.4
 44 0.0 0.0 0.0



#4

2-Fluorophenol
 Concen: 0.266 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE099463.D
 Acq: 1 May 2019 14:43

Tgt Ion: 112 Resp: 1298
 Ion Ratio Lower Upper
 112 100
 64 55.3 47.4 71.0
 63 120.5 104.3 156.5





#5

Phenol-d6

Concen: 0.275 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

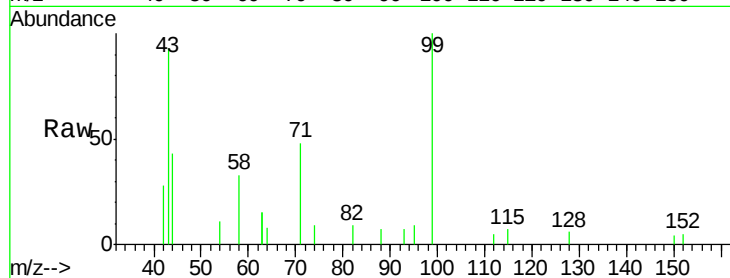
Tot Ion: 99 Resp: 1780

Ion Ratio Lower Upper

99 100

42 19.7 14.9 22.3

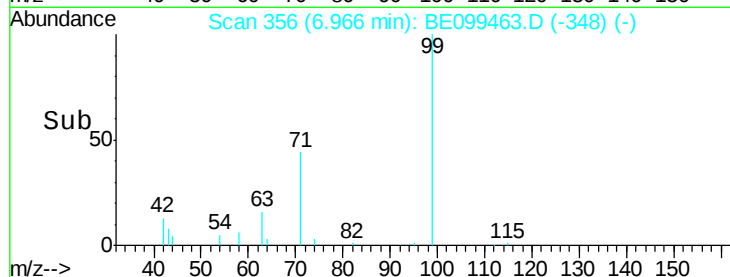
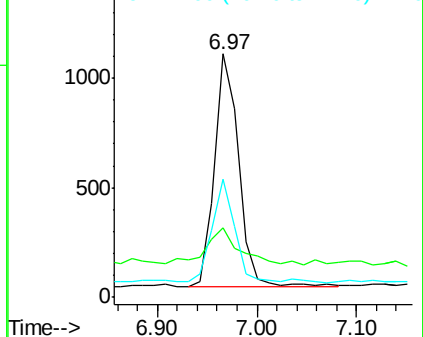
71 40.4 33.0 49.6



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: 0.236 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

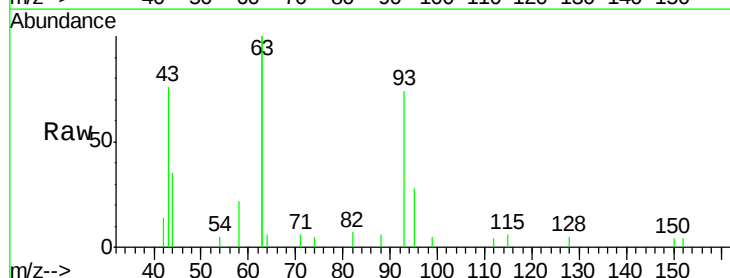
Tgt Ion: 93 Resp: 1321

Ion Ratio Lower Upper

93 100

63 281.6 215.6 323.4

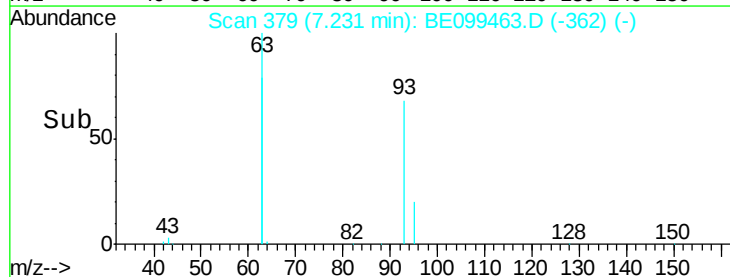
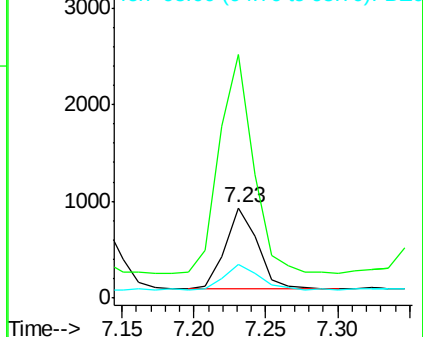
95 34.8 26.2 39.2

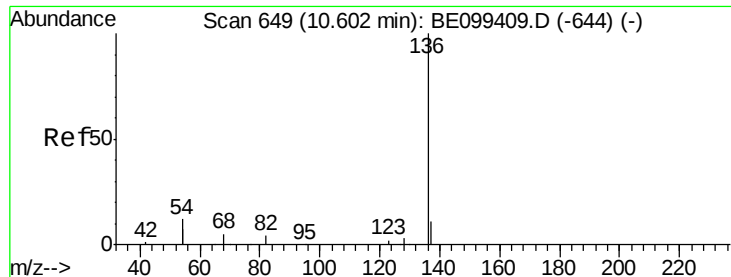


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

Tot Ion:136 Resp: 6440

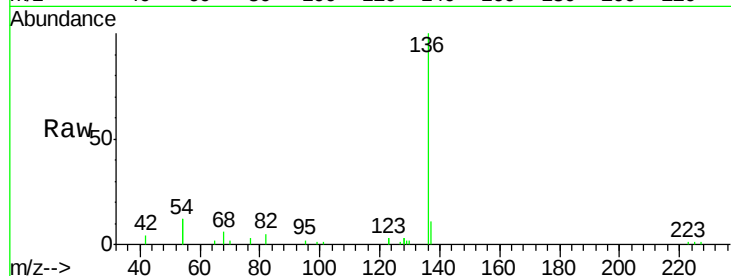
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.8

54 23.9 18.5 27.7

68 6.0 4.7 7.1

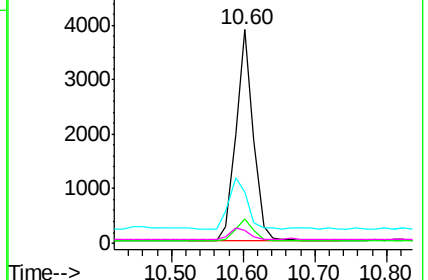
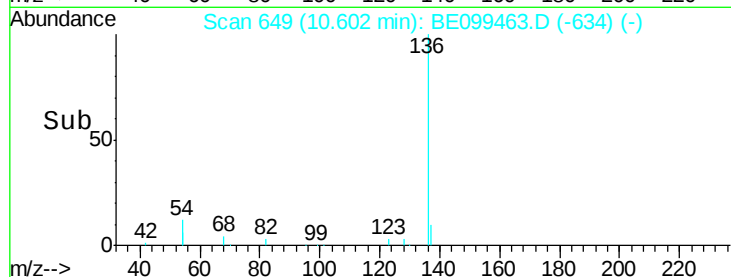


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.247 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

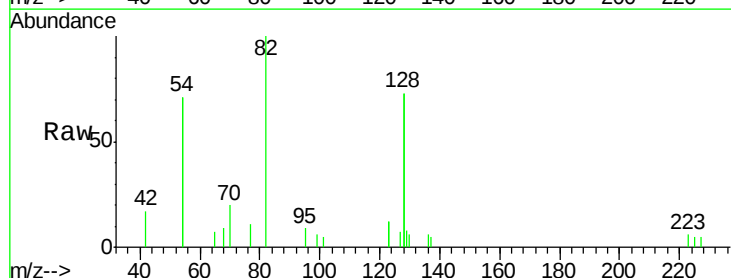
Tgt Ion: 82 Resp: 1488

Ion Ratio Lower Upper

82 100

128 146.4 107.0 160.4

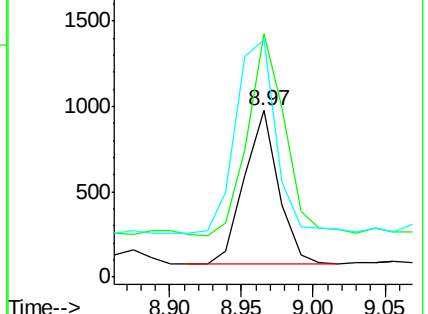
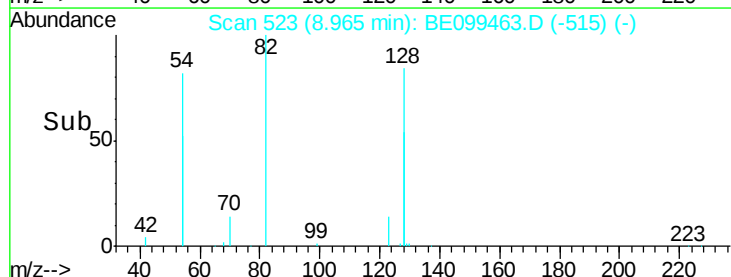
54 142.7 113.1 169.7

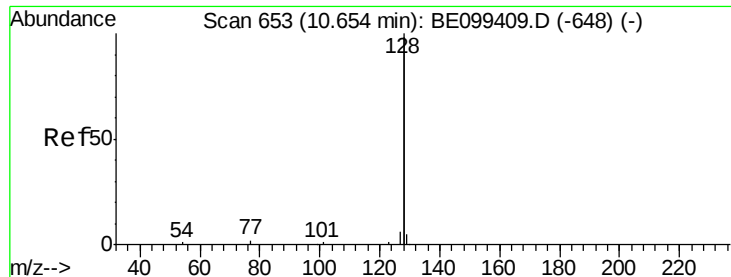


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.270 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

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ClientSampleId :

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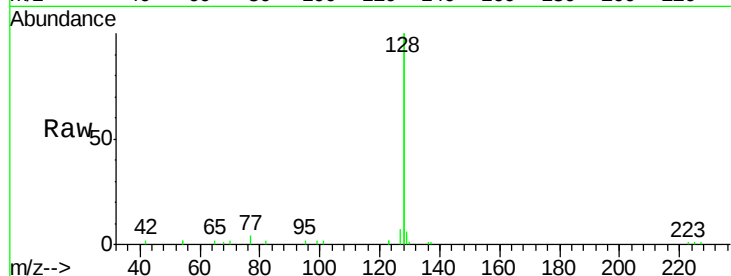
Tot Ion:128 Resp: 18916

Ion Ratio Lower Upper

128 100

129 3.2 2.4 3.6

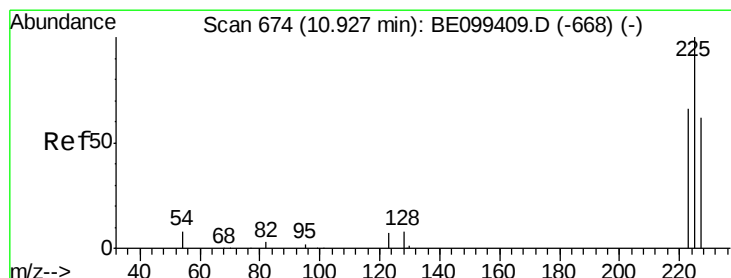
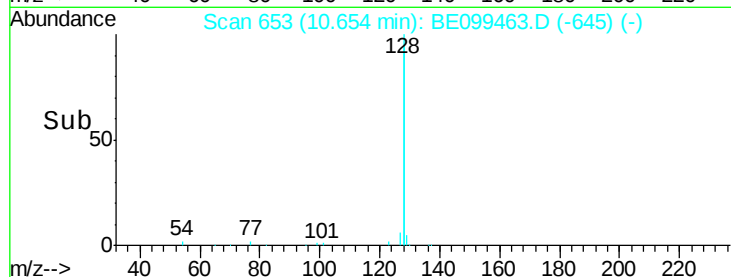
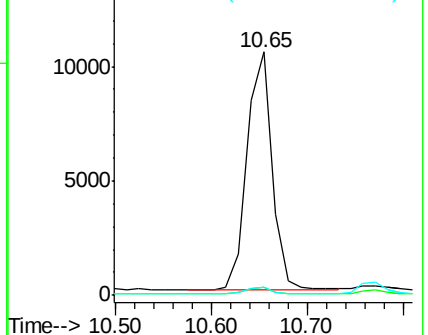
127 3.4 2.8 4.2



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: 0.249 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

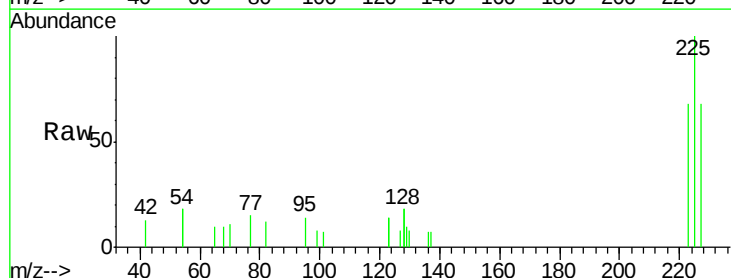
Tgt Ion:225 Resp: 1217

Ion Ratio Lower Upper

225 100

223 61.7 51.0 76.6

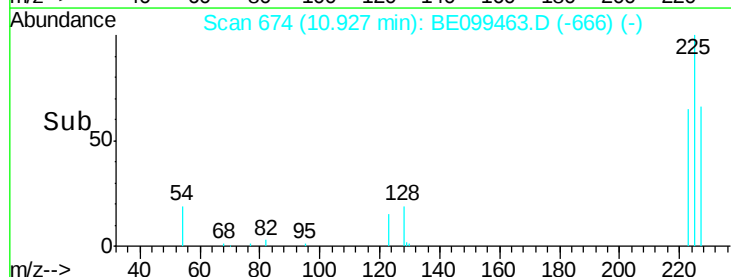
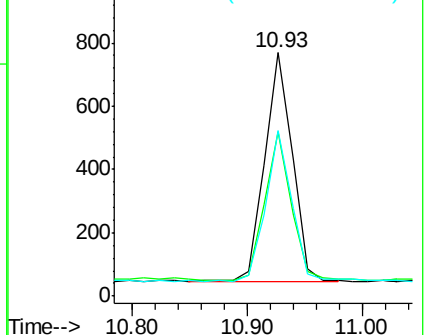
227 63.4 50.9 76.3

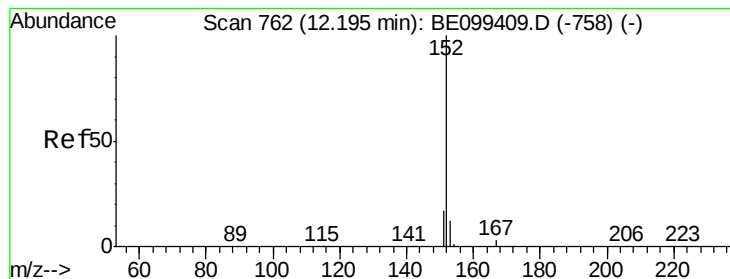


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.299 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

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ClientSampleId :

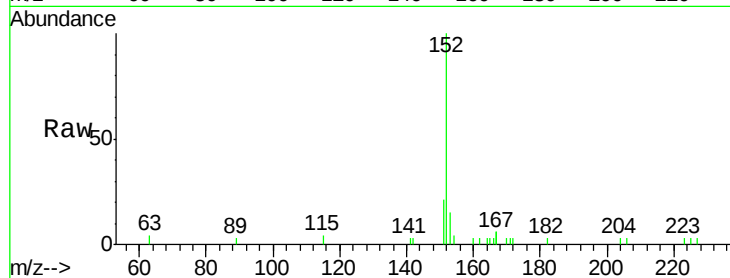
PST-001-B186-042419MS

Tot Ion:152 Resp: 3468

Ion Ratio Lower Upper

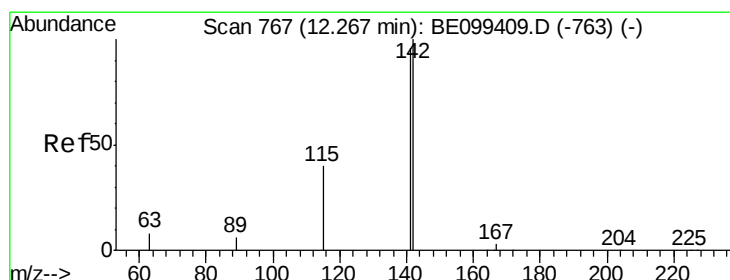
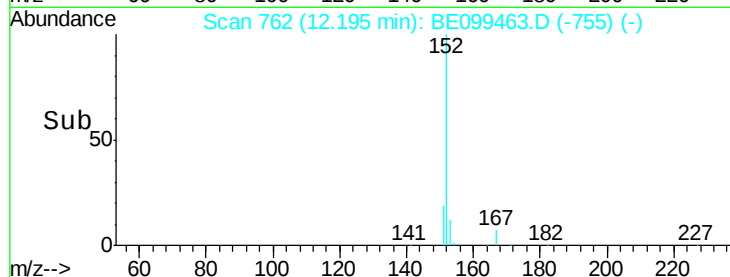
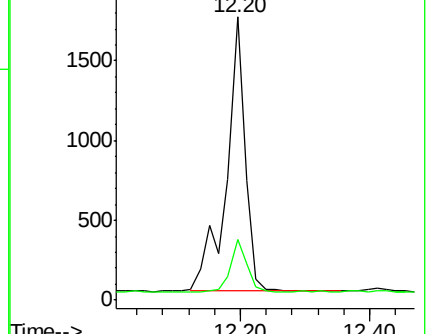
152 100

151 16.3 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.275 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

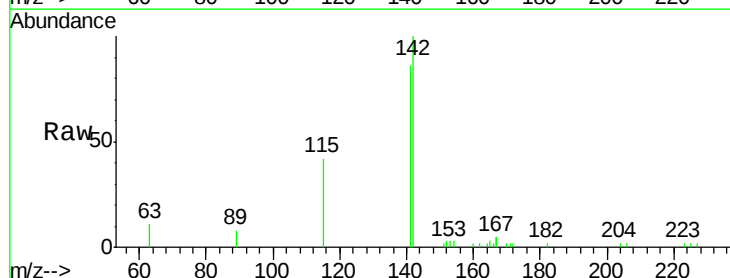
Tgt Ion:142 Resp: 3351

Ion Ratio Lower Upper

142 100

141 86.2 77.0 115.4

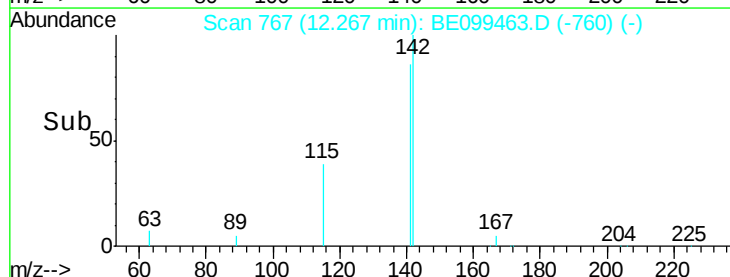
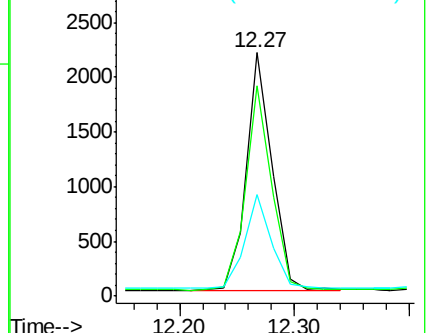
115 41.7 33.4 50.0

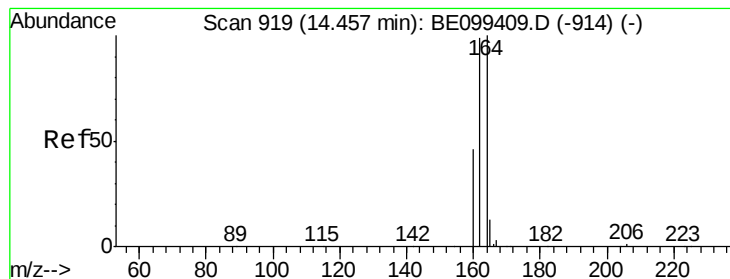


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

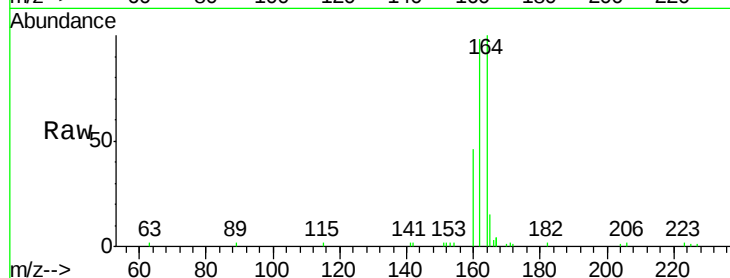
Tot Ion:164 Resp: 4947

Ion Ratio Lower Upper

164 100

162 97.8 79.0 118.4

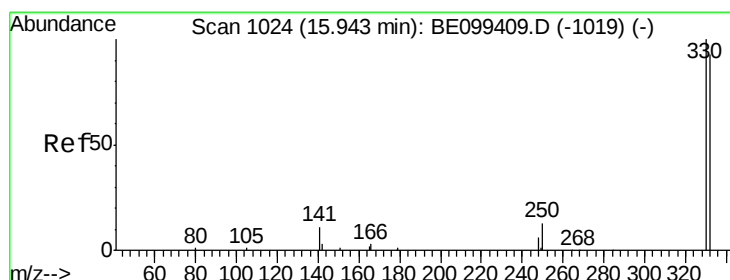
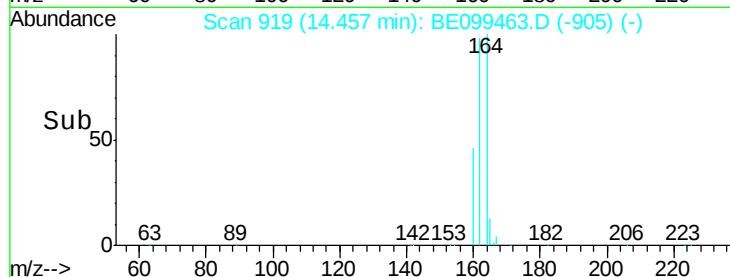
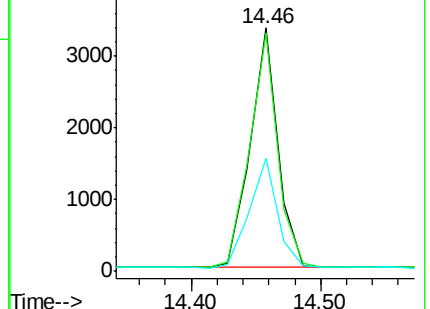
160 46.4 37.0 55.4



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: 0.301 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

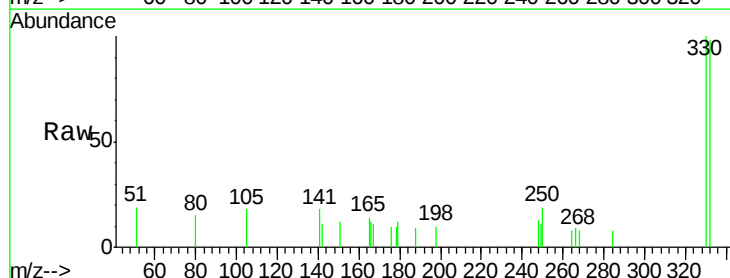
Tgt Ion:330 Resp: 939

Ion Ratio Lower Upper

330 100

332 94.4 71.5 107.3

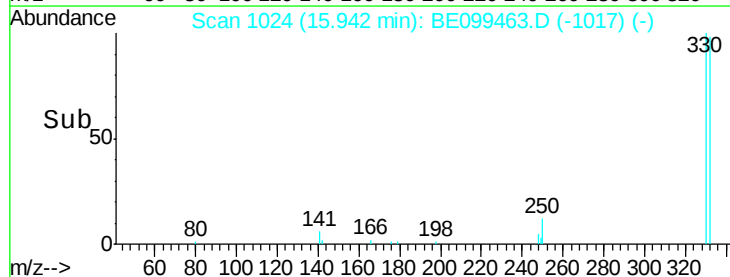
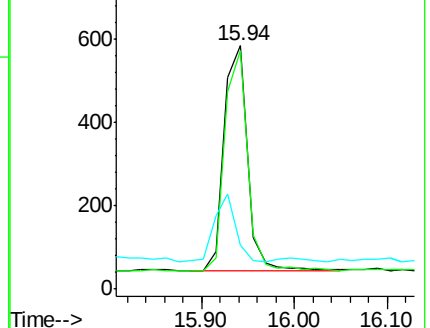
141 28.0 24.0 36.0

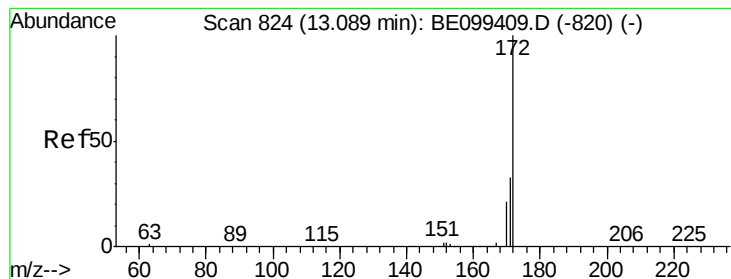


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.224 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

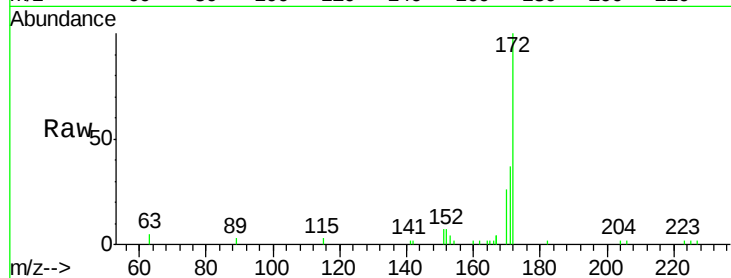
Tot Ion:172 Resp: 4229

Ion Ratio Lower Upper

172 100

171 36.8 26.6 39.8

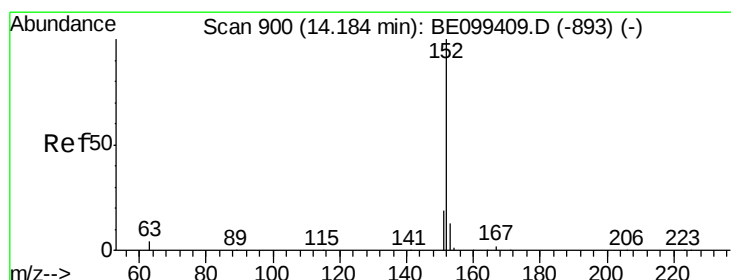
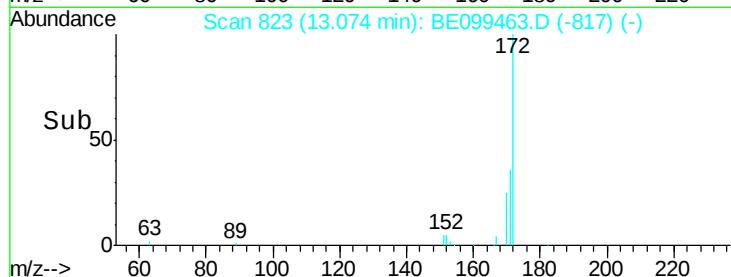
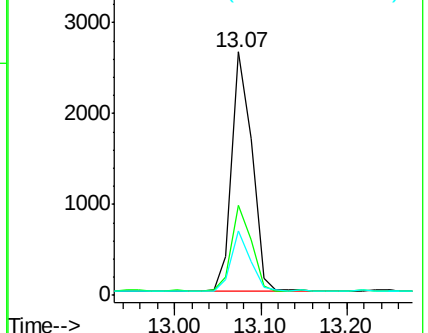
170 26.4 17.0 25.6#



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: 0.264 ng

RT: 14.17 min Scan# 899

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

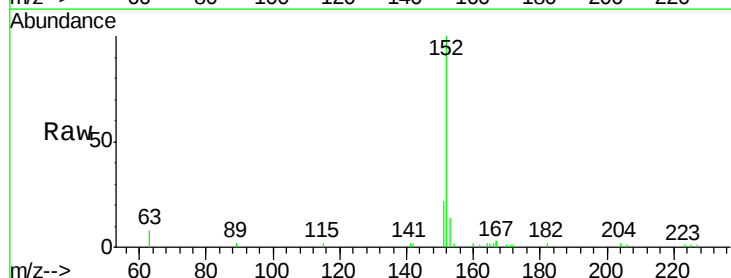
Tgt Ion:152 Resp: 6390

Ion Ratio Lower Upper

152 100

151 20.7 15.4 23.2

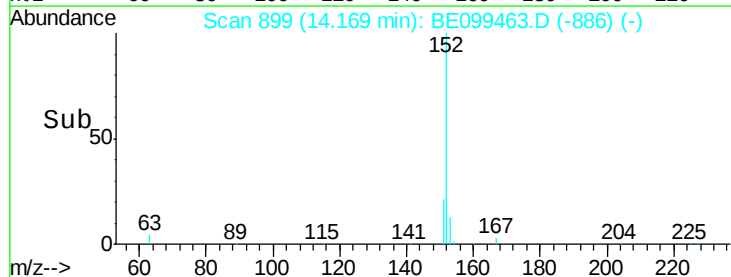
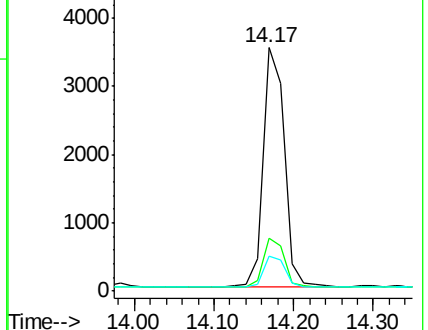
153 13.7 9.8 14.6

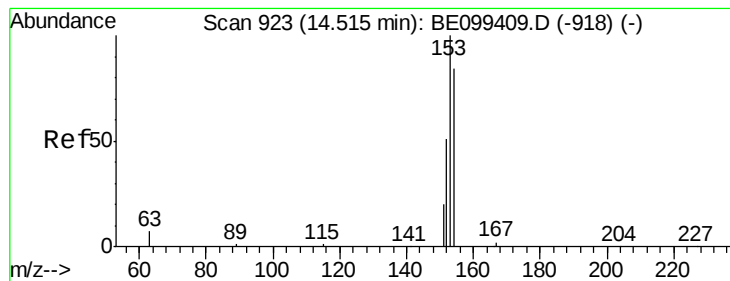


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.268 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

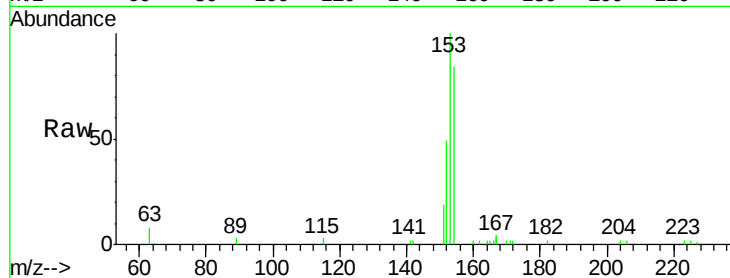
Tot Ion:154 Resp: 3711

Ion Ratio Lower Upper

154 100

153 118.2 92.6 138.8

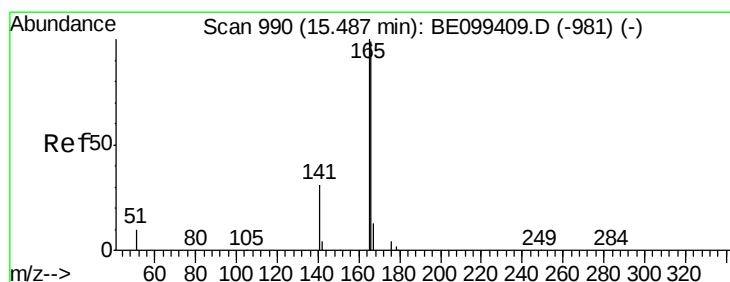
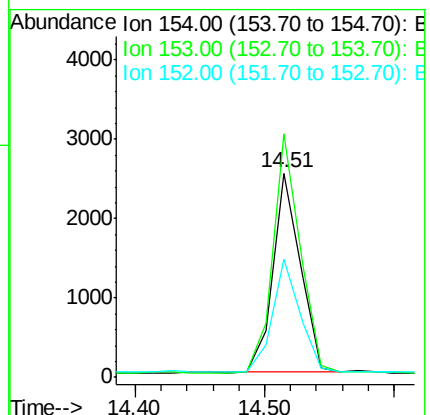
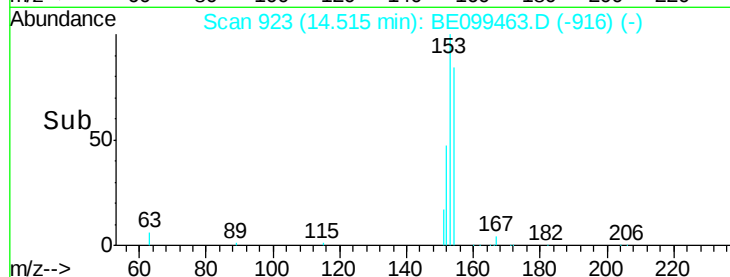
152 57.9 45.8 68.8



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: 0.293 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

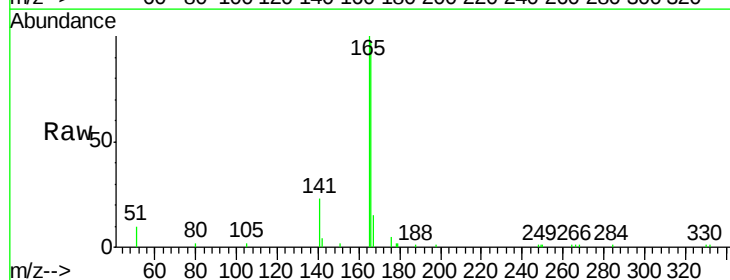
Tgt Ion:166 Resp: 5984

Ion Ratio Lower Upper

166 100

165 99.7 80.3 120.5

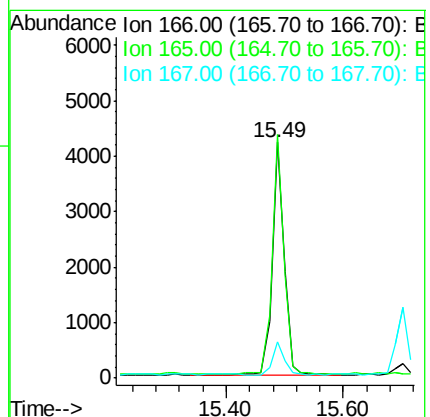
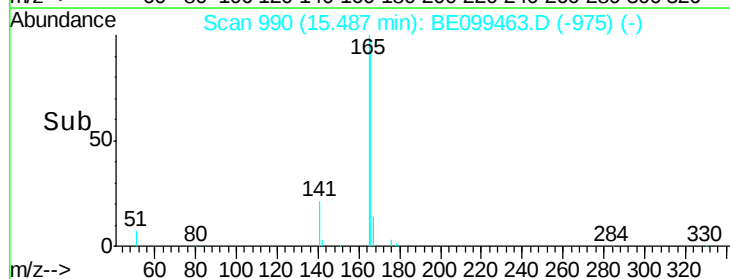
167 13.8 10.7 16.1

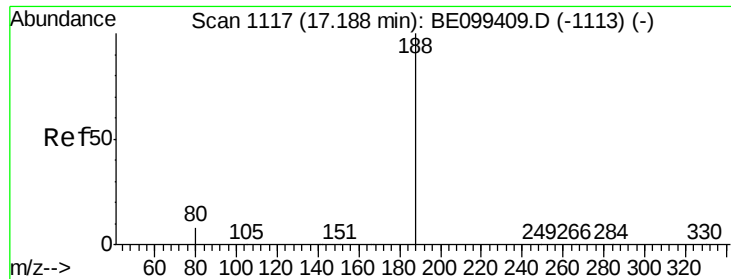


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

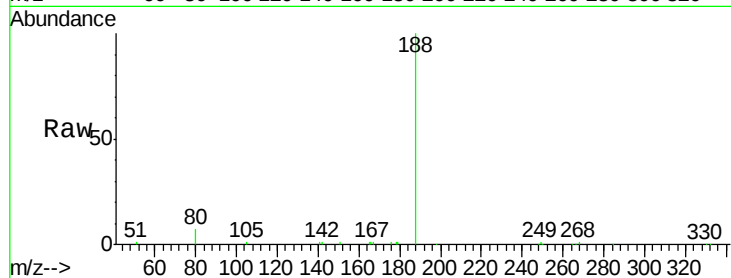
Tot Ion:188 Resp: 16812

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

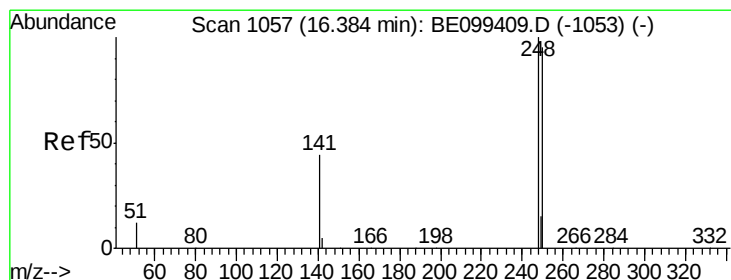
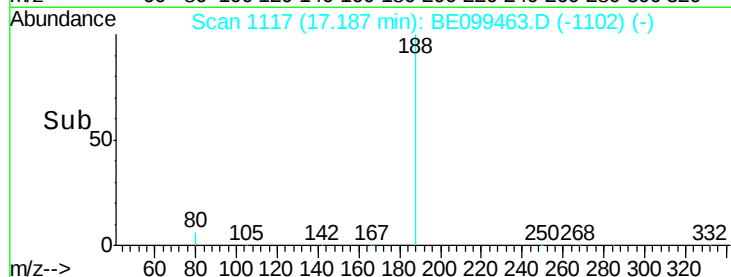
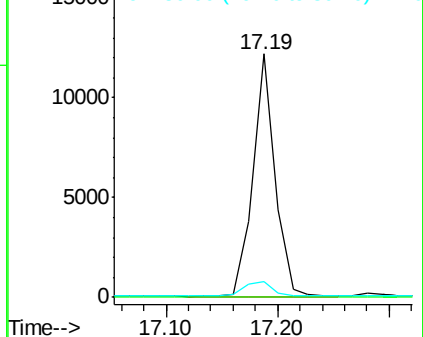
80 6.5 6.7 10.1#



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: 0.238 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

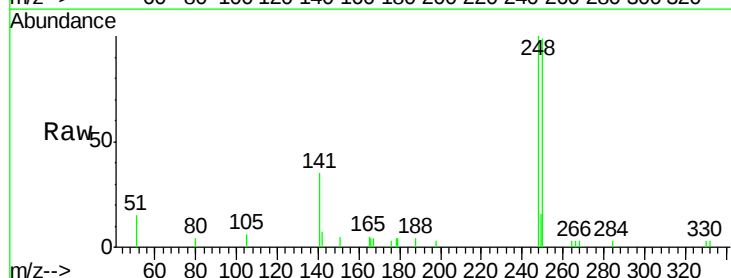
Tgt Ion:248 Resp: 2334

Ion Ratio Lower Upper

248 100

250 98.8 75.8 113.8

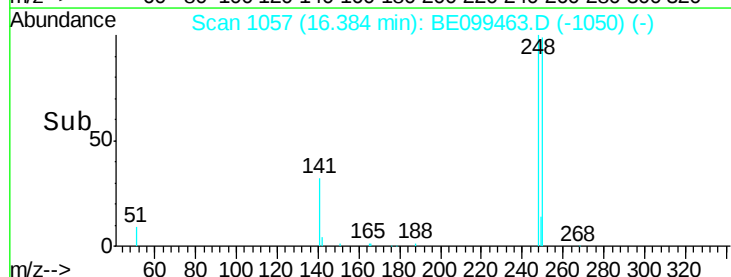
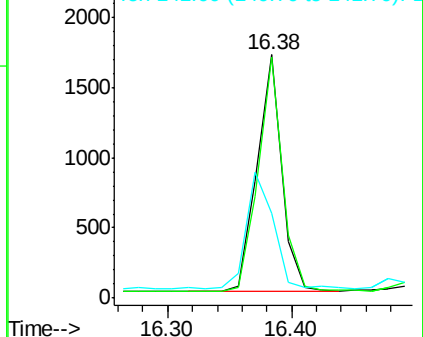
141 34.7 35.7 53.5#

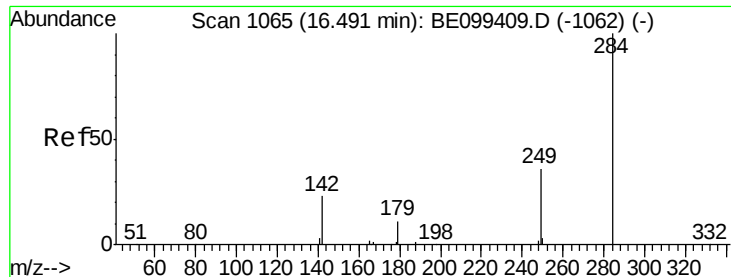


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.262 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

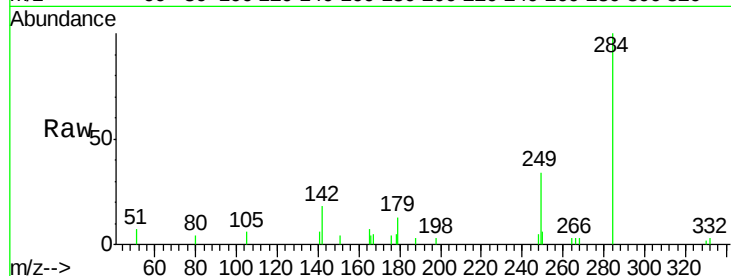
Tot Ion:284 Resp: 2443

Ion Ratio Lower Upper

284 100

142 24.6 21.0 31.6

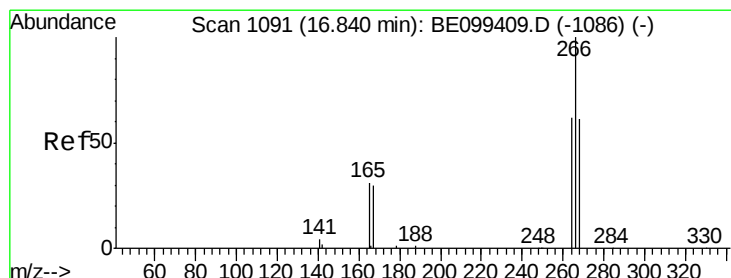
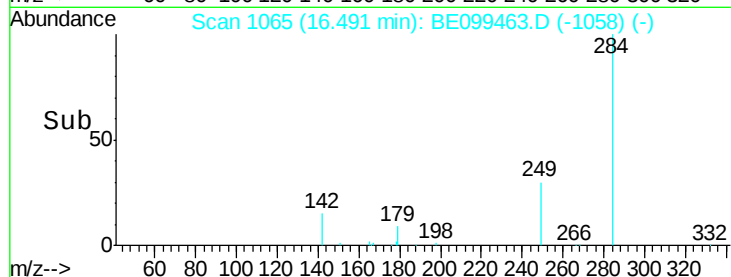
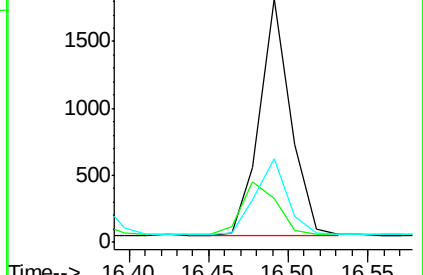
249 32.5 26.7 40.1



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: 0.604 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

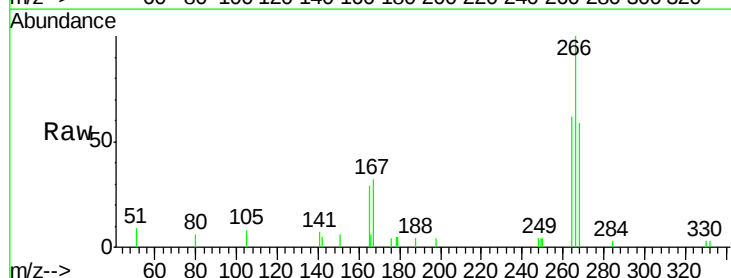
Tgt Ion:266 Resp: 2181

Ion Ratio Lower Upper

266 100

264 62.1 50.8 76.2

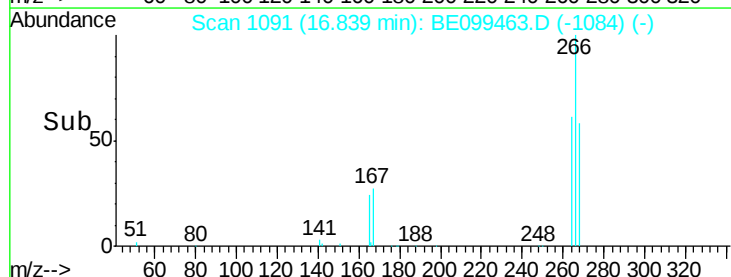
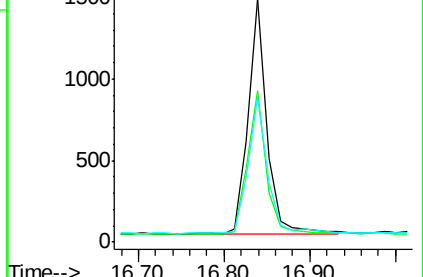
268 59.5 50.5 75.7

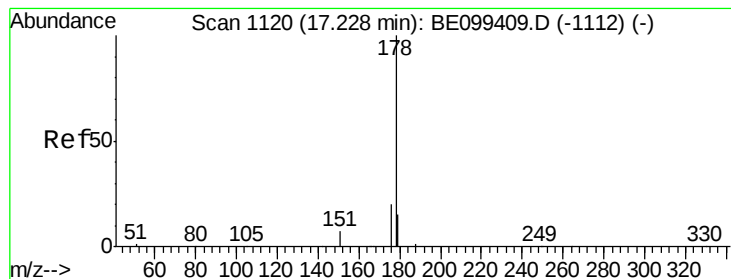


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.322 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

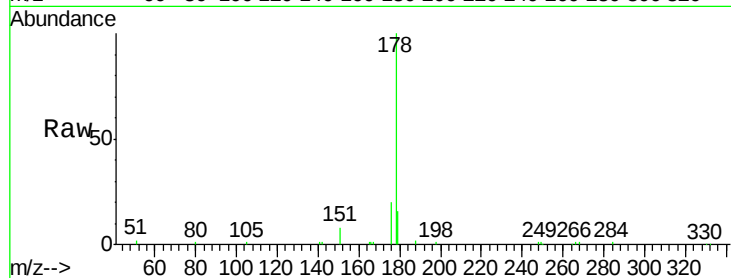
Tot Ion:178 Resp: 13973

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

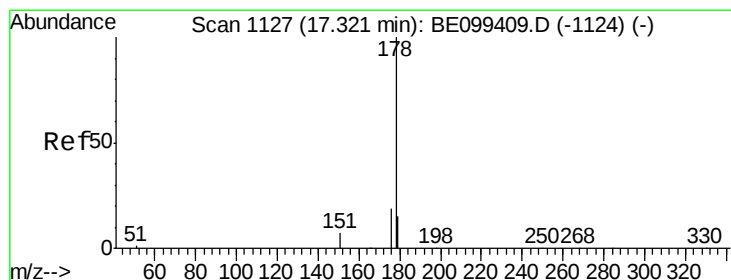
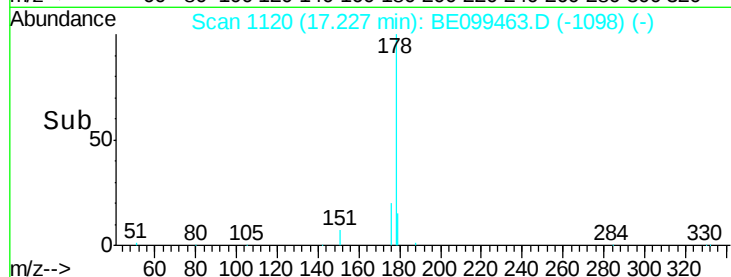
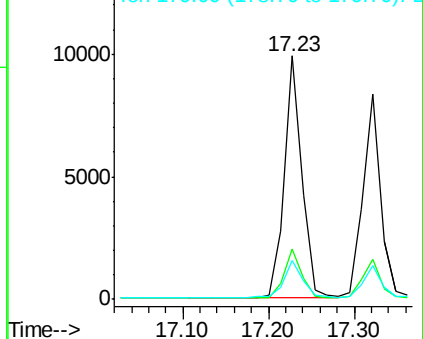
179 16.0 12.0 18.0



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: 0.283 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

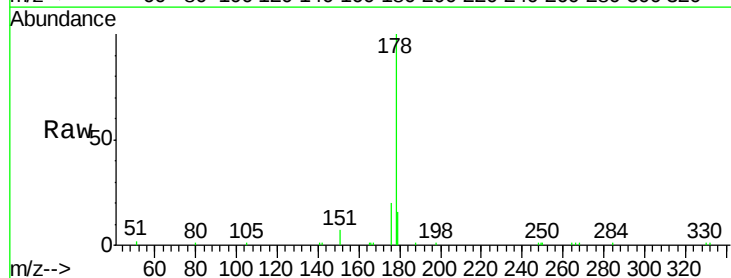
Tgt Ion:178 Resp: 11719

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

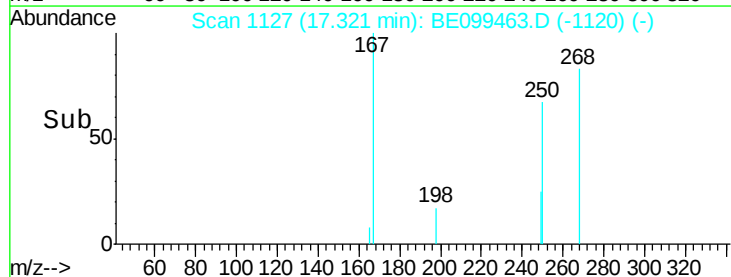
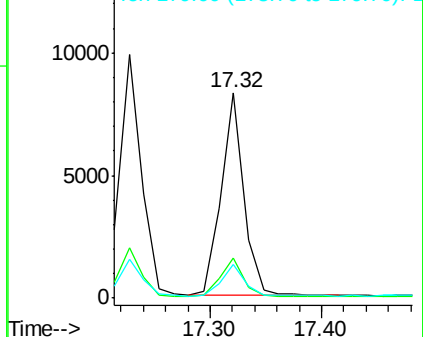
179 15.1 11.9 17.9

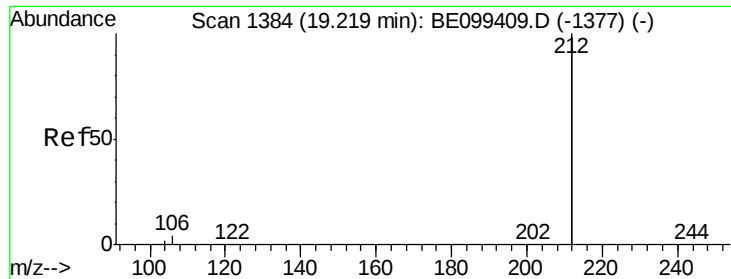


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.248 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

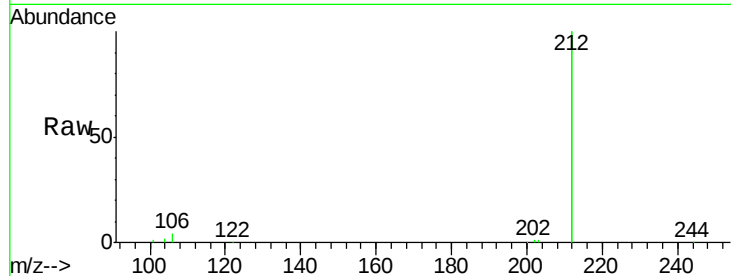
Tot Ion:212 Resp: 56128

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

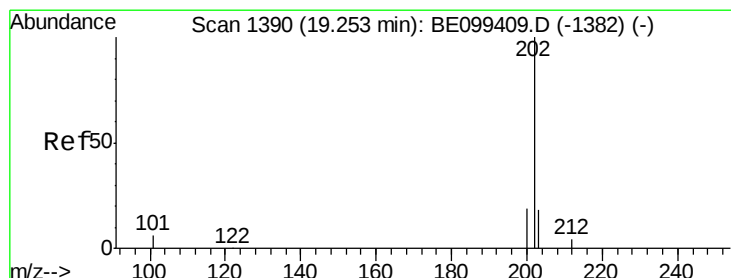
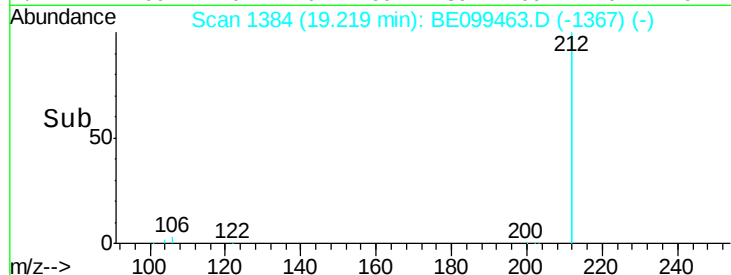
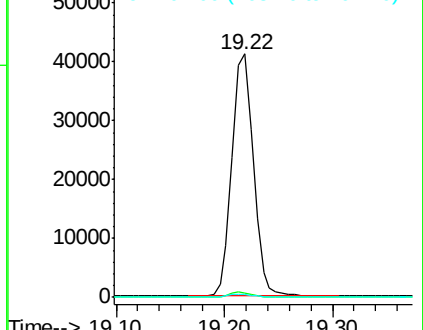
104 1.2 0.9 1.3



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: 0.314 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

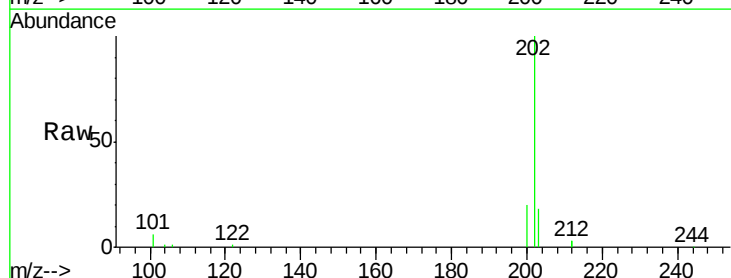
Tgt Ion:202 Resp: 20379

Ion Ratio Lower Upper

202 100

101 6.9 5.4 8.0

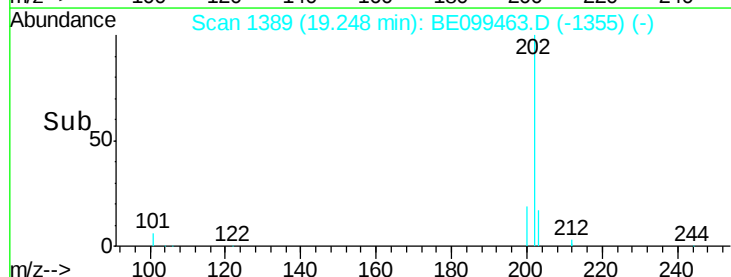
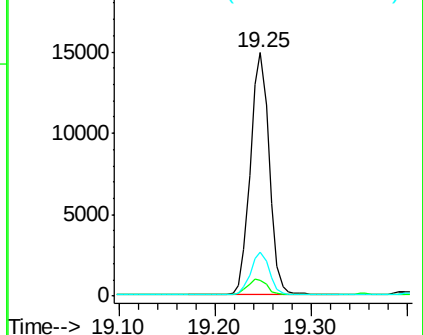
203 17.0 13.9 20.9



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: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

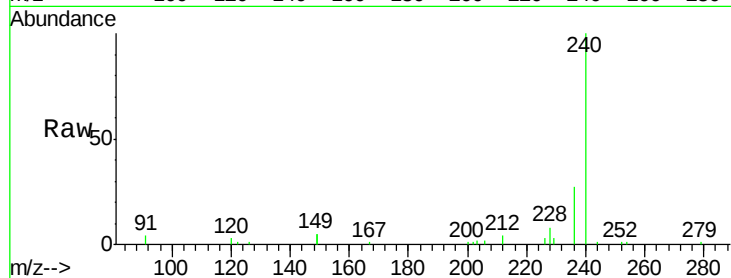
Tot Ion:240 Resp: 22357

Ion Ratio Lower Upper

240 100

120 3.2 4.0 6.0#

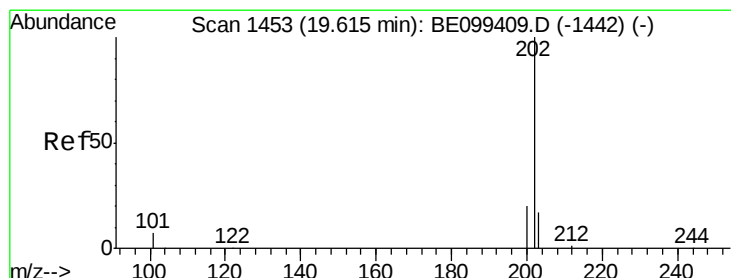
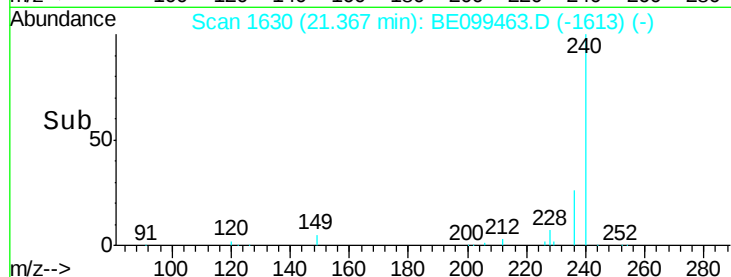
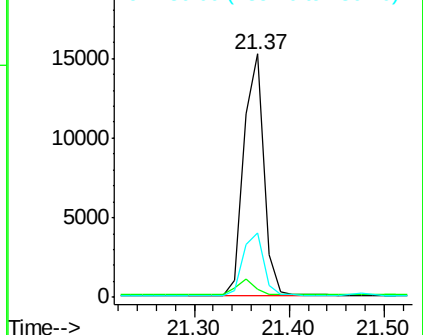
236 26.6 22.0 33.0



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: 0.367 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

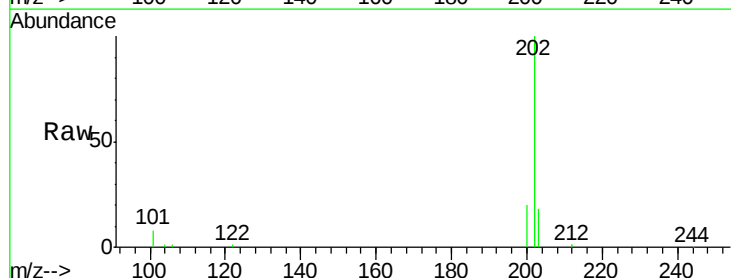
Tgt Ion:202 Resp: 21360

Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

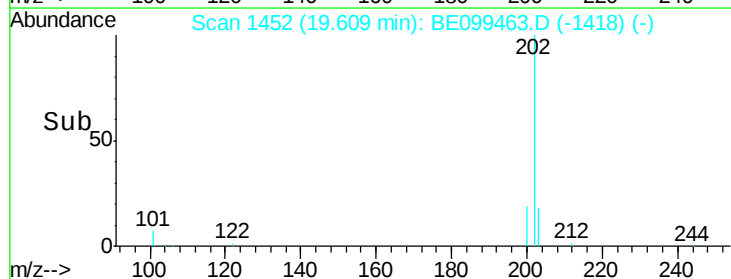
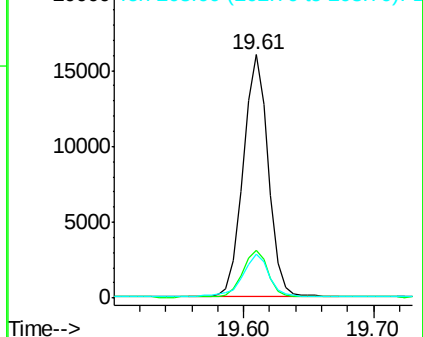
203 18.5 13.9 20.9

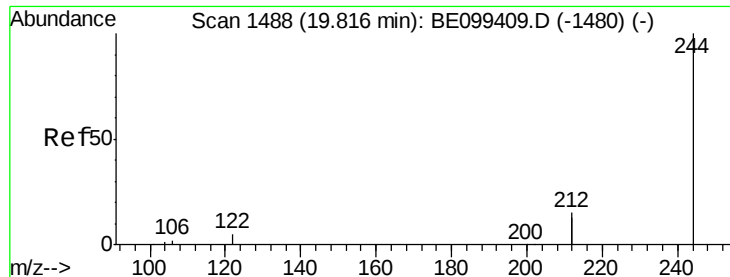


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.288 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

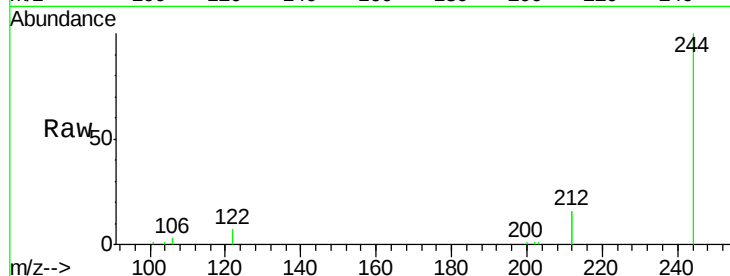
Tot Ion:244 Resp: 11783

Ion Ratio Lower Upper

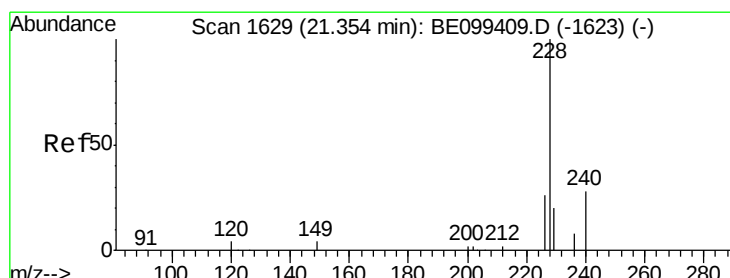
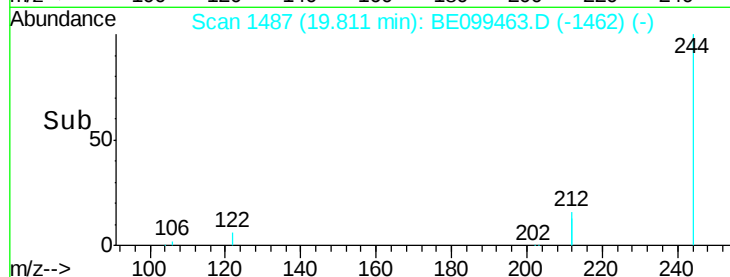
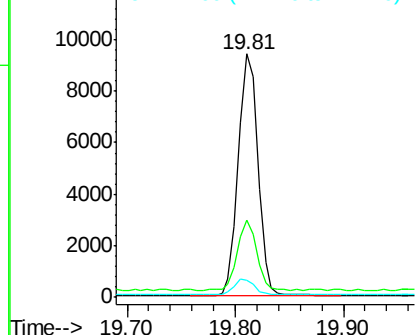
244 100

212 31.8 23.2 34.8

122 7.0 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: 0.328 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

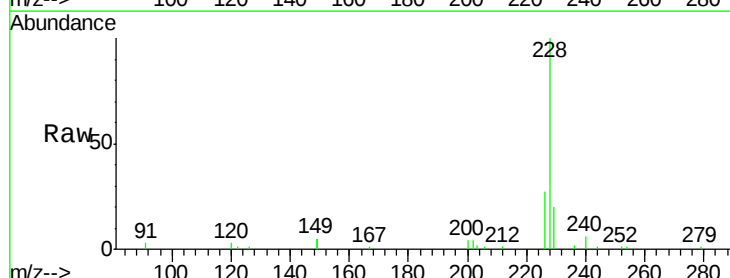
Tgt Ion:228 Resp: 23350

Ion Ratio Lower Upper

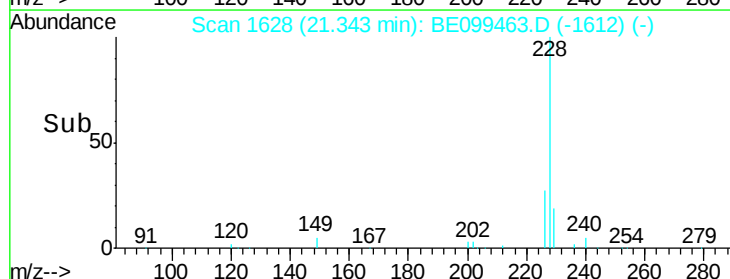
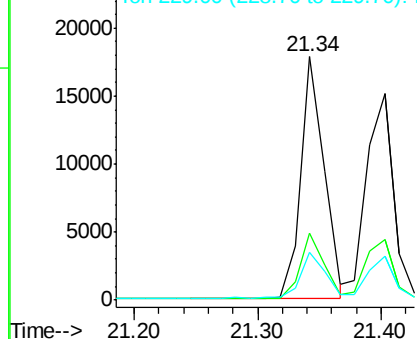
228 100

226 27.4 21.0 31.6

229 19.6 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: 0.328 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

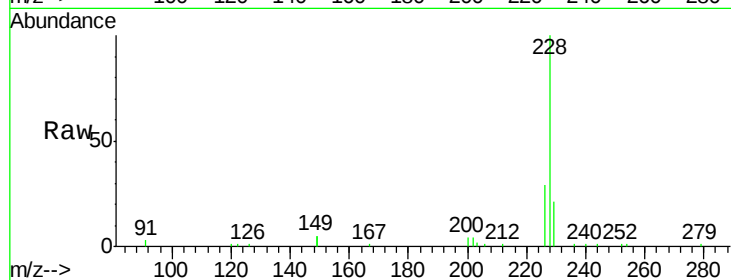
Tot Ion:228 Resp: 22865

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

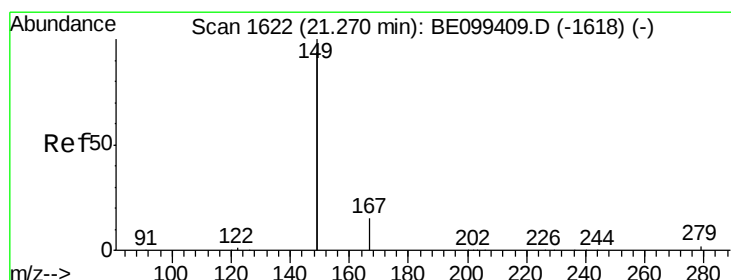
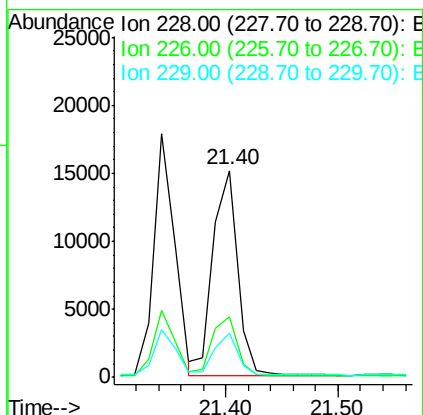
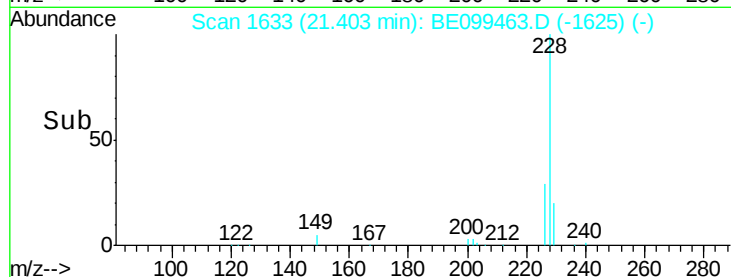
229 21.1 15.8 23.8



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: 0.354 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

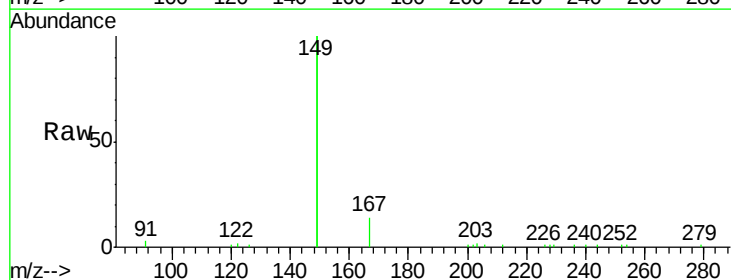
Tgt Ion:149 Resp: 42732

Ion Ratio Lower Upper

149 100

167 7.1 5.8 8.6

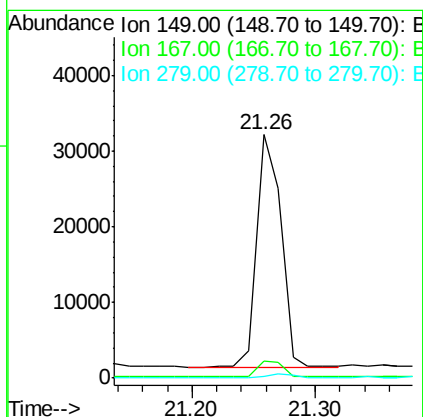
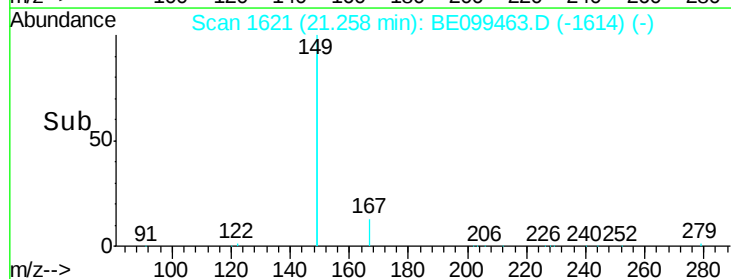
279 1.5 1.0 1.6

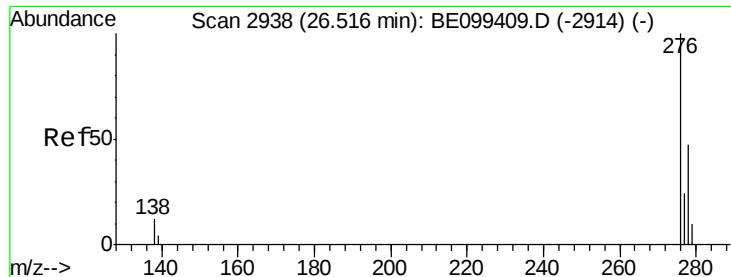


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.307 ng

RT: 26.51 min Scan# 2936

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

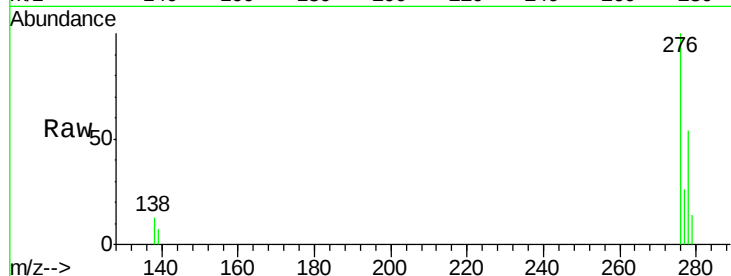
Tot Ion:276 Resp: 25285

Ion Ratio Lower Upper

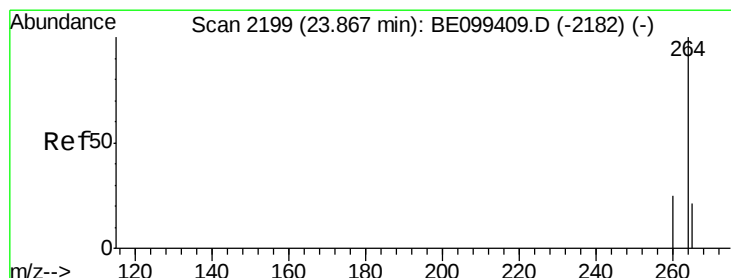
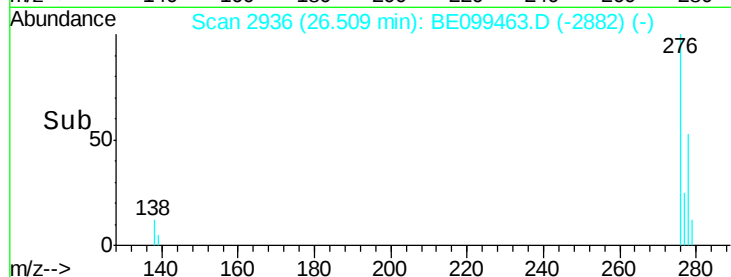
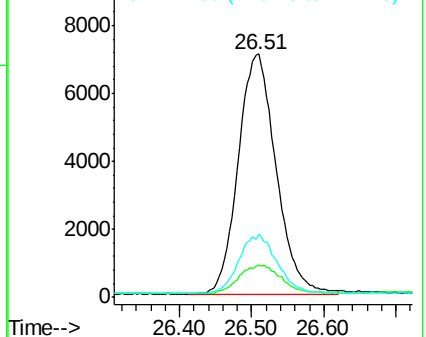
276 100

138 12.8 10.2 15.2

277 24.6 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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

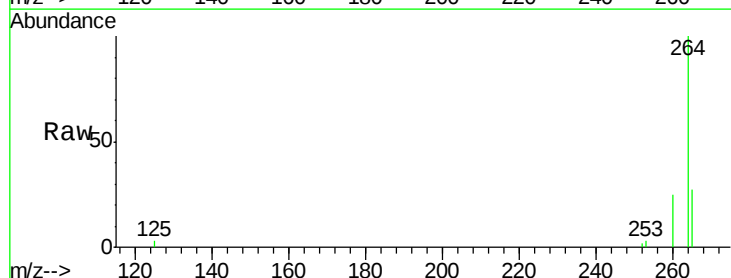
Tgt Ion:264 Resp: 25995

Ion Ratio Lower Upper

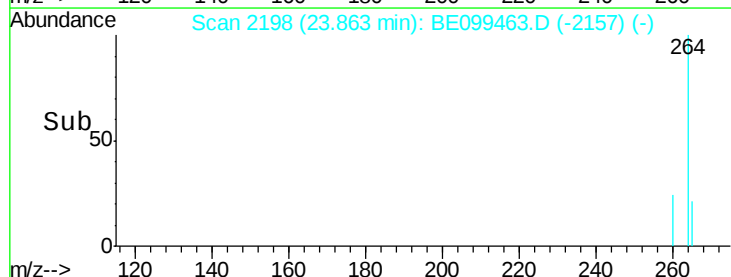
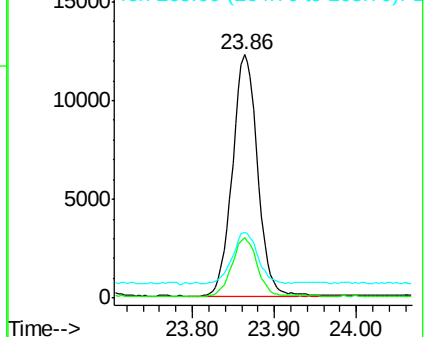
264 100

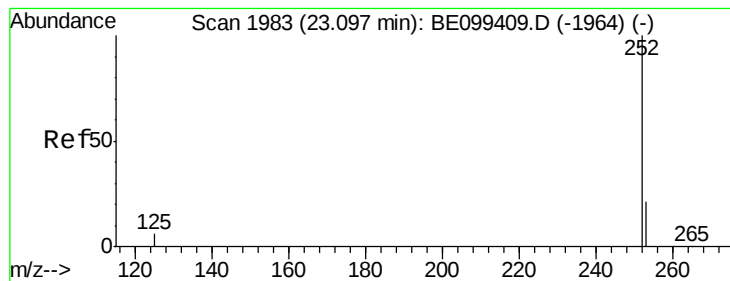
260 24.9 20.2 30.2

265 27.1 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





#35

Benzo(b)fluoranthene

Concen: 0.294 ng

RT: 23.09 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

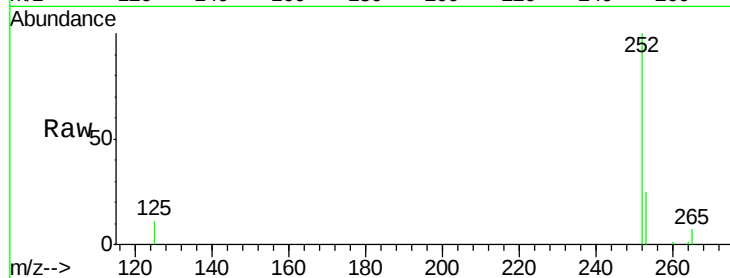
Tot Ion:252 Resp: 22039

Ion Ratio Lower Upper

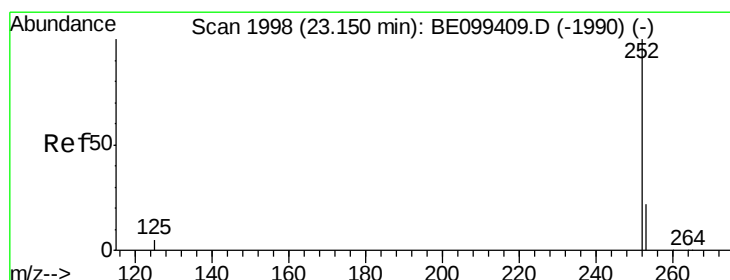
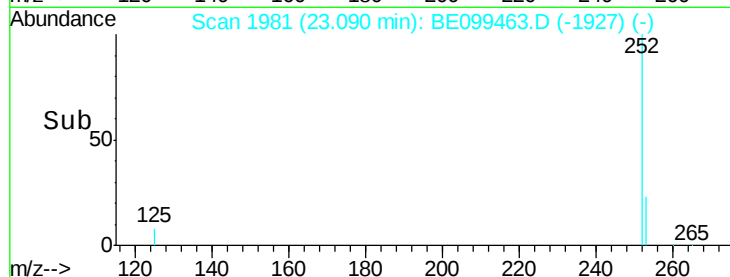
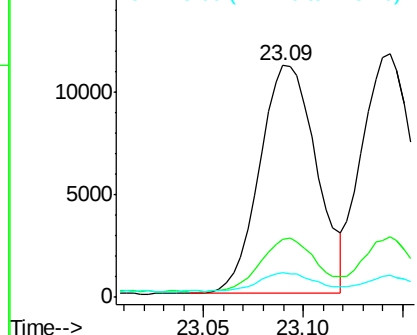
252 100

253 25.0 18.1 27.1

125 10.6 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



#36

Benzo(k)fluoranthene

Concen: 0.296 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

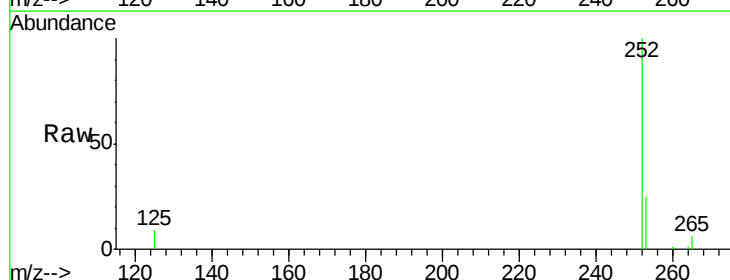
Tgt Ion:252 Resp: 21392

Ion Ratio Lower Upper

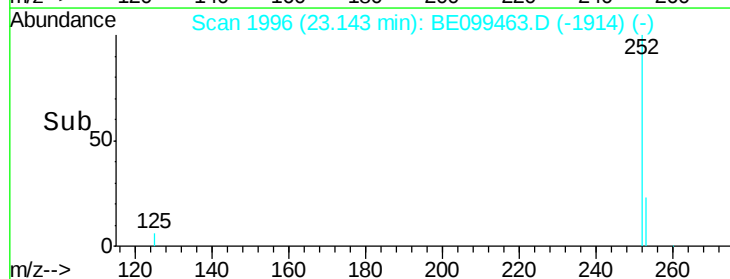
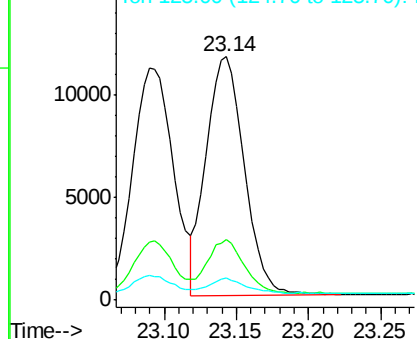
252 100

253 25.0 18.4 27.6

125 8.9 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





#37

Benzo(a)pyrene

Concen: 0.297 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

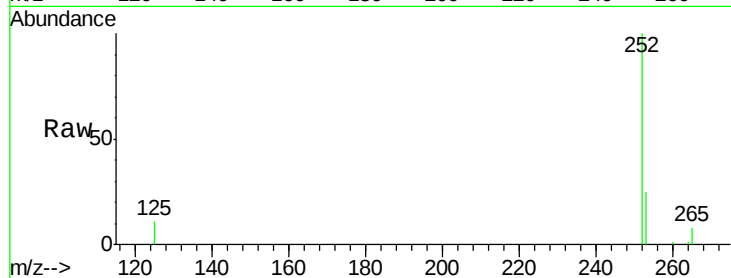
Tot Ion:252 Resp: 21048

Ion Ratio Lower Upper

252 100

253 24.9 18.9 28.3

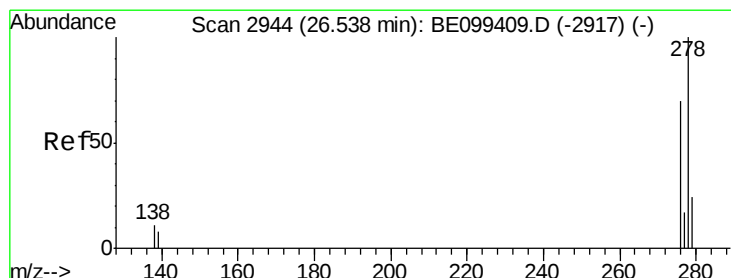
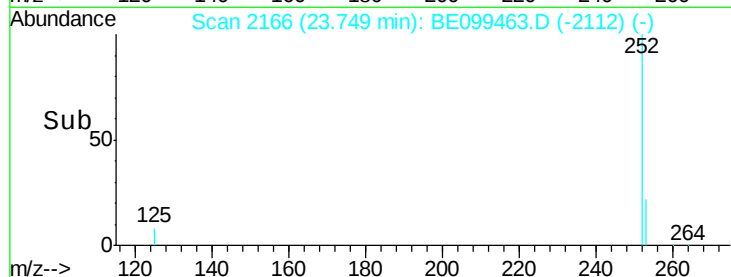
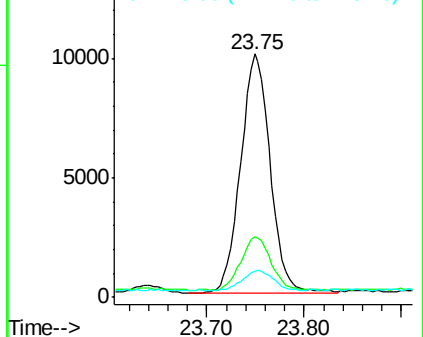
125 11.0 6.7 10.1#



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: 0.290 ng

RT: 26.53 min Scan# 2943

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

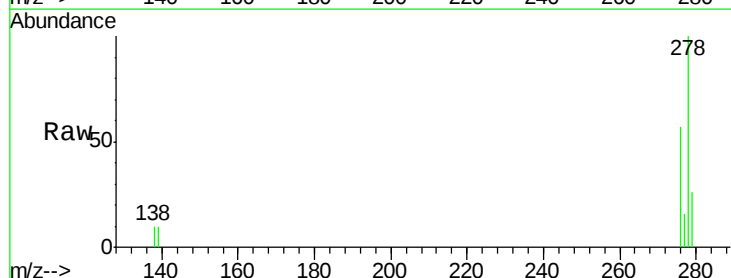
Tgt Ion:278 Resp: 21027

Ion Ratio Lower Upper

278 100

139 10.0 7.7 11.5

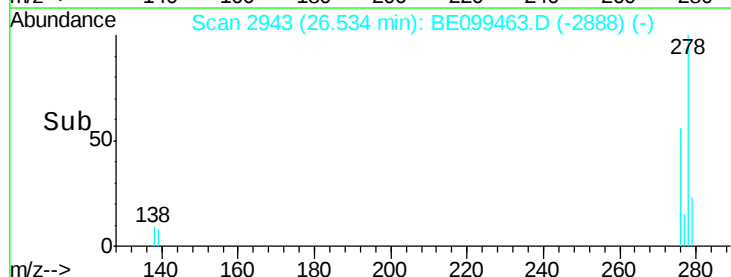
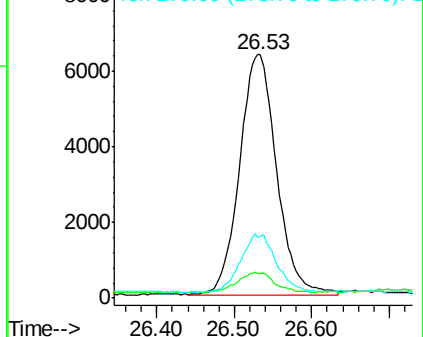
279 25.5 20.2 30.2



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: 0.298 ng

RT: 27.32 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BE099463.D

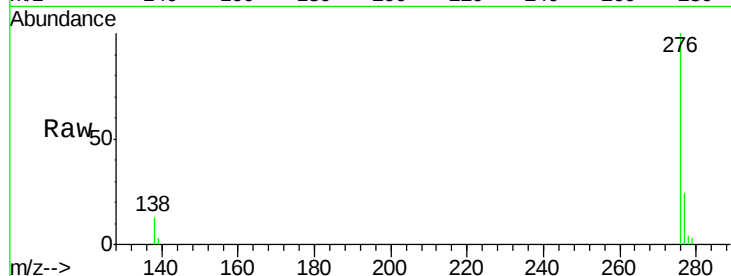
Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS



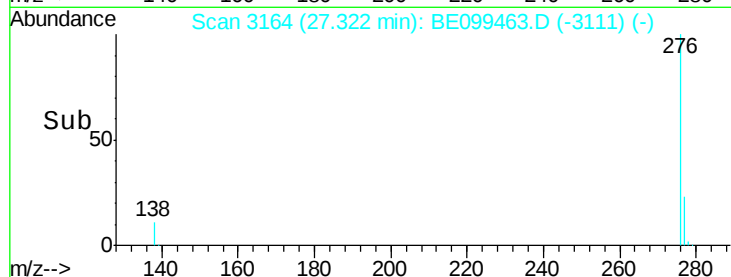
Tot Ion: 276 Resp: 21619

Ion Ratio Lower Upper

276 100

277 24.3 19.5 29.3

138 13.4 9.6 14.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

