

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
 Data File : BE099392.D
 Acq On : 27 Apr 2019 00:06
 Operator : JU/SJ
 Sample : K2533-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-B006-042219

Quant Time: Apr 27 05:09:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 06:51:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3772	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	15295	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	11091	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	29323	0.40	ng	0.00
27) Chrysene-d12	21.37	240	33720	0.40	ng	0.00
34) Perylene-d12	23.88	264	38173	0.40	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	3858	0.42	ng	0.01
5) Phenol-d6	6.97	99	6005	0.46	ng	0.00
8) Nitrobenzene-d5	8.96	82	5404	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	9695	0.36	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	2567	0.70	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	13895	0.32	ng	0.00
25) Fluoranthene-d10	19.22	212	114174	0.32	ng	0.00
29) Terphenyl-d14	19.82	244	19294	0.29	ng	0.00

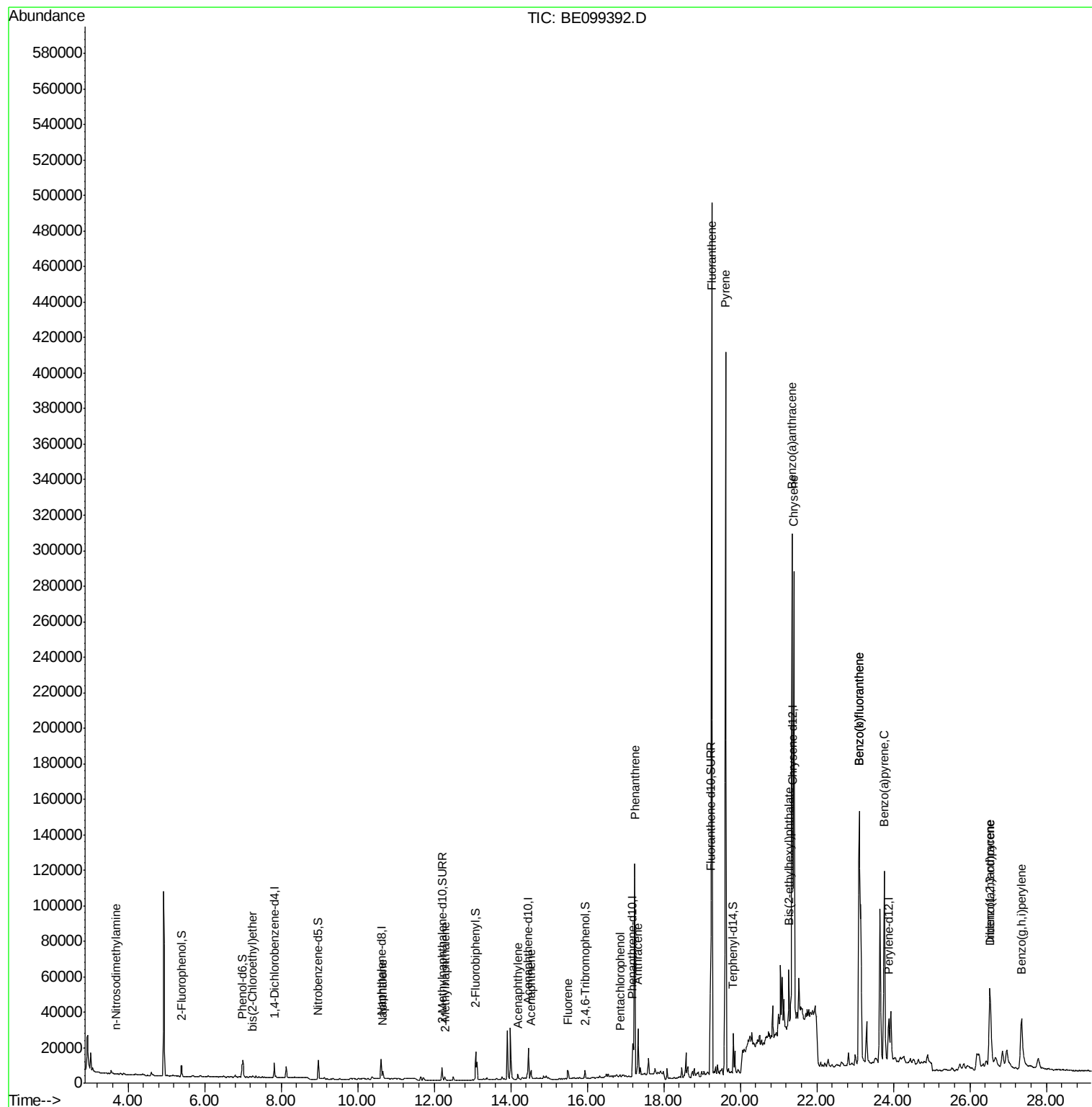
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.68	42	81	0.029	ng	# 19
6) bis(2-Chloroethyl)ether	7.25	93	1093	0.089	ng	# 1
9) Naphthalene	10.65	128	7380	0.044	ng	# 97
12) 2-Methylnaphthalene	12.28	142	1369	0.048	ng	96
16) Acenaphthylene	14.18	152	4142	0.083	ng	97
17) Acenaphthene	14.53	154	2604	0.084	ng	99
18) Fluorene	15.49	166	4568	0.103	ng	# 90
22) Pentachlorophenol	16.85	266	47	0.228	ng	# 80
23) Phenanthrene	17.24	178	148068	1.907	ng	99
24) Anthracene	17.32	178	28694	0.415	ng	97
26) Fluoranthene	19.25	202	439105	4.225	ng	97
28) Pyrene	19.61	202	382318	3.848	ng	# 94
30) Benzo(a)anthracene	21.35	228	256568	2.588	ng	97
31) Chrysene	21.40	228	242266	2.296	ng	95
32) Bis(2-ethylhexyl)phthalate	21.27	149	33236	0.368	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.52	276	102516	0.984	ng	# 91
35) Benzo(b)fluoranthene	23.11	252	291827	2.497	ng	94
36) Benzo(k)fluoranthene	23.11	252	291827	2.505	ng	96
37) Benzo(a)pyrene	23.76	252	193208	1.845	ng	96
38) Dibenzo(a,h)anthracene	26.54	278	26182	0.245	ng	# 67
39) Benzo(g,h,i)perylene	27.35	276	94725	0.873	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

Instrument :

BNA_E

ClientSampleId :

PST-028-B006-042219

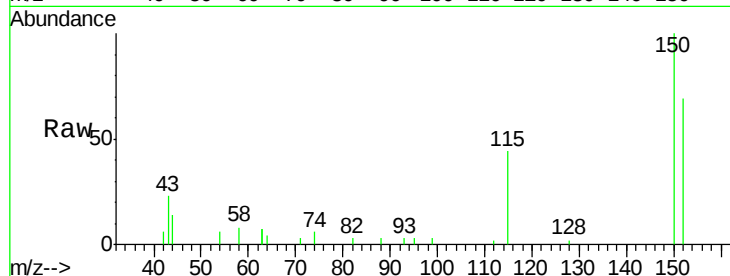
Tot Ion:152 Resp: 3772

Ion Ratio Lower Upper

152 100

150 145.7 119.5 179.3

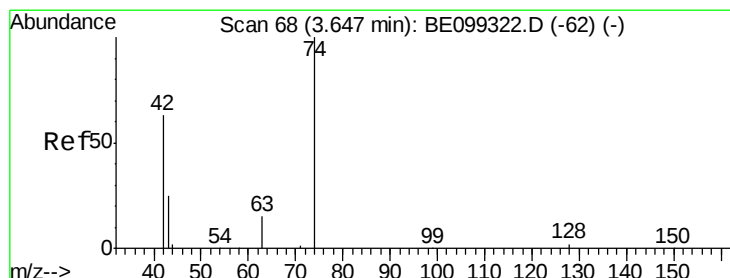
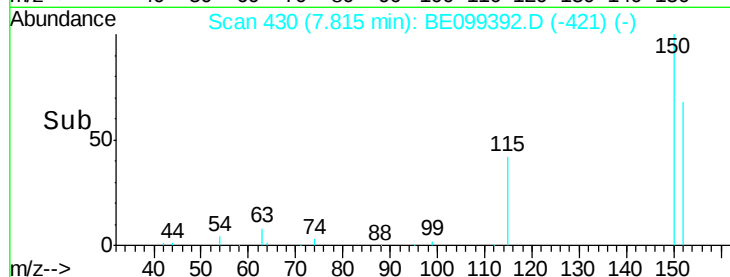
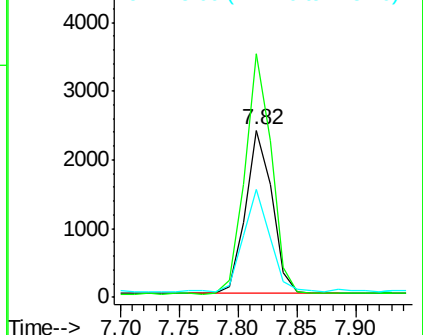
115 64.4 47.5 71.3



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



#3

n-Nitrosodimethylamine

Concen: 0.029 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.02 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

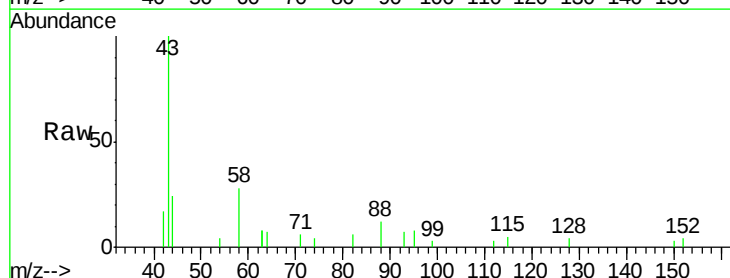
Tgt Ion: 42 Resp: 81

Ion Ratio Lower Upper

42 100

74 61.7 145.8 218.8#

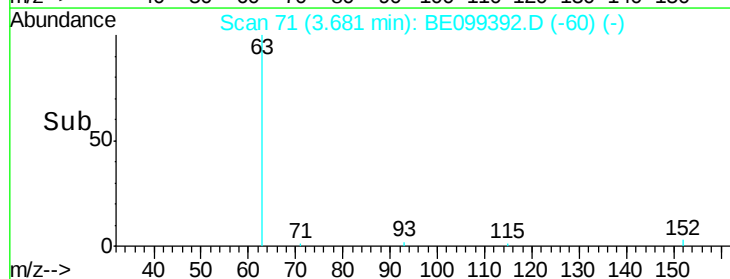
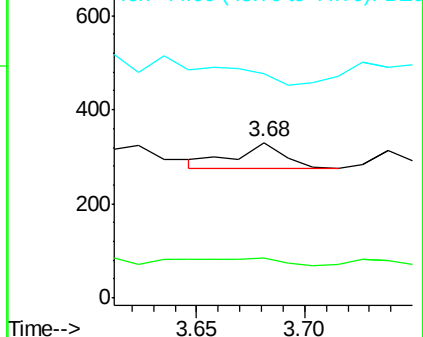
44 0.0 9.0 13.4#

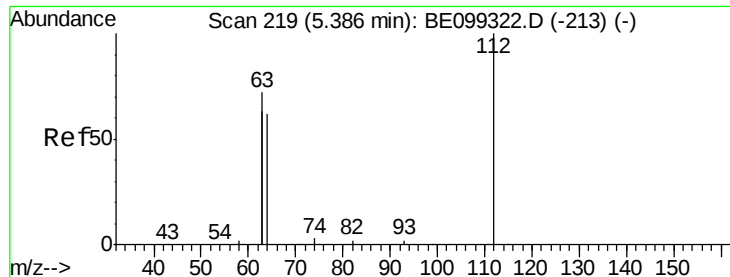


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.419 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

Instrument :

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ClientSampleId :

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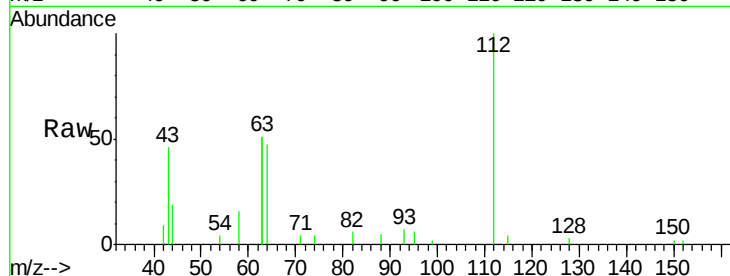
Tot Ion:112 Resp: 3858

Ion Ratio Lower Upper

112 100

64 58.1 44.9 67.3

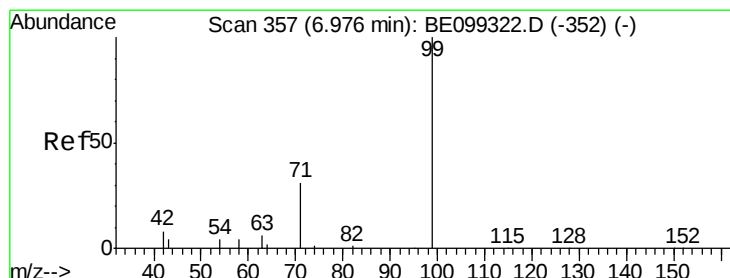
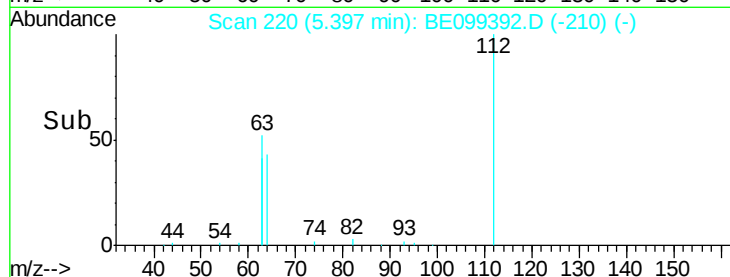
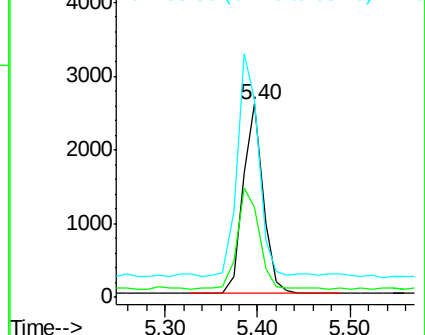
63 124.7 97.4 146.0



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.457 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

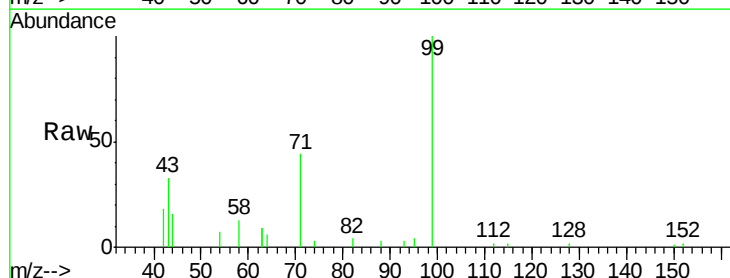
Tgt Ion: 99 Resp: 6005

Ion Ratio Lower Upper

99 100

42 21.0 11.7 17.5#

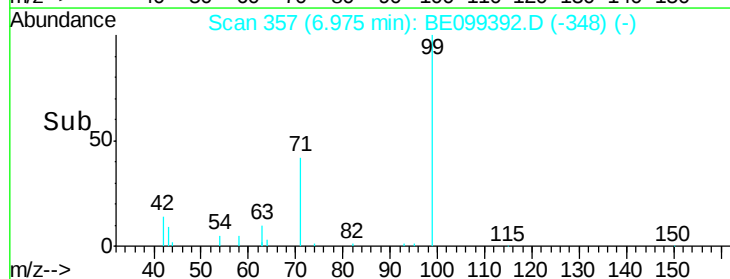
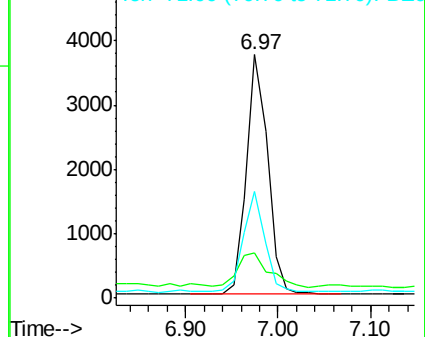
71 41.7 29.6 44.4

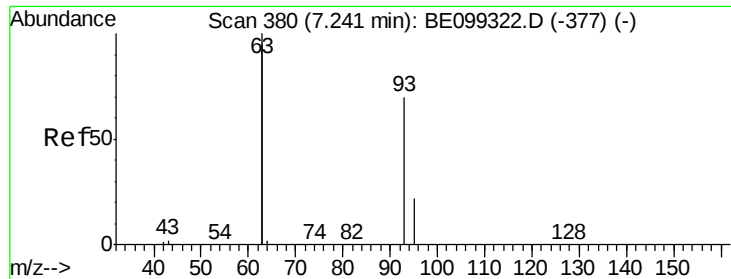


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.089 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.01 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

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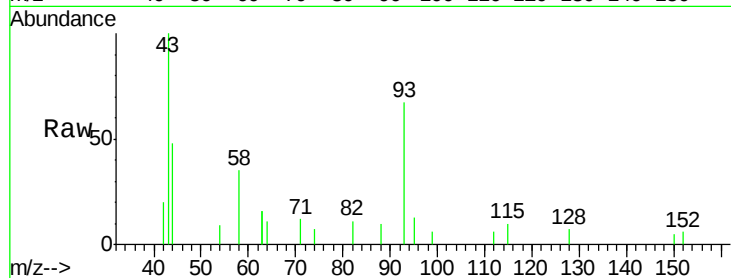
Tot Ion: 93 Resp: 1093

Ion Ratio Lower Upper

93 100

63 14.6 216.6 324.8#

95 0.0 25.8 38.6#

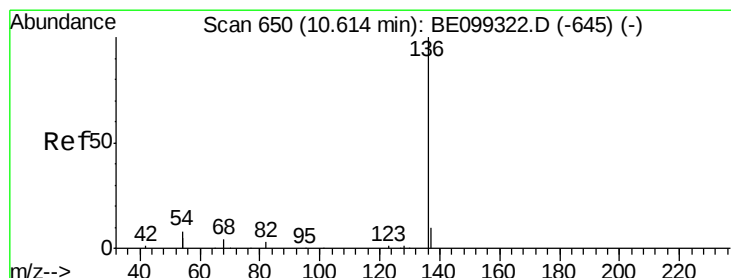
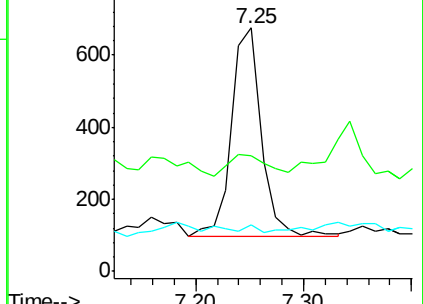
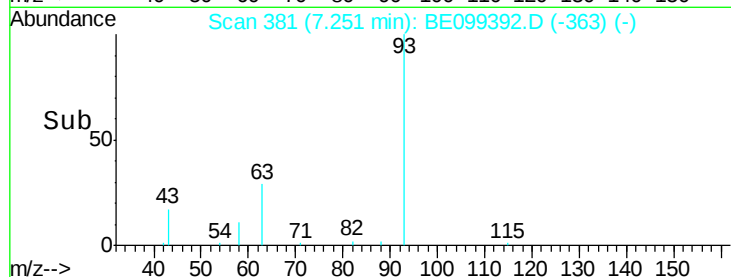


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

Tgt Ion: 136 Resp: 15295

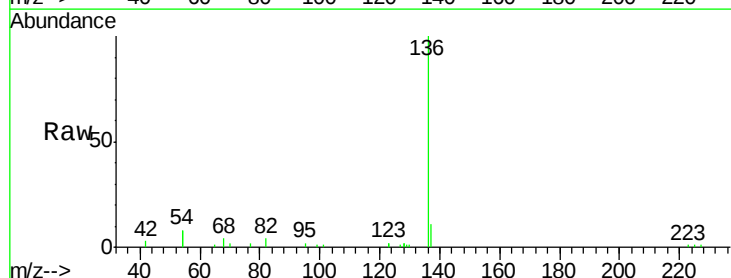
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 16.3 23.8 35.8#

68 4.3 6.4 9.6#



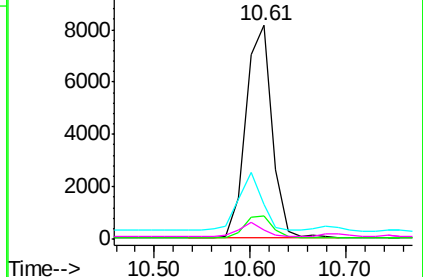
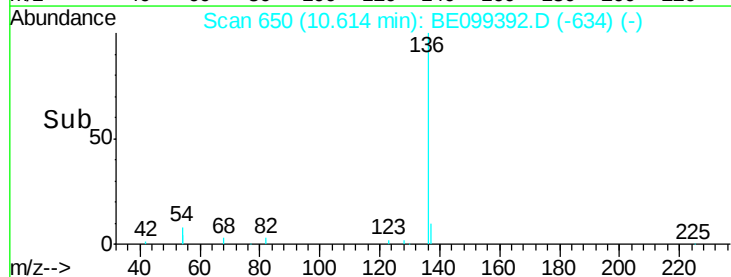
Abundance Ion 136.00 (135.70 to 136.70): E

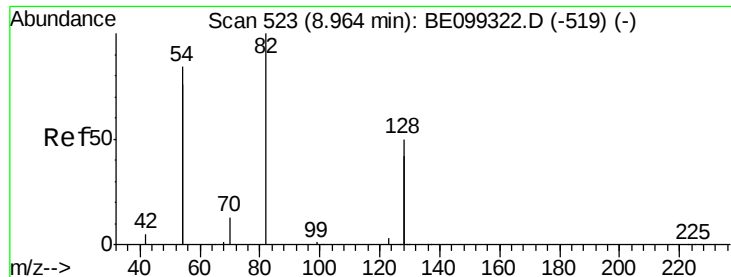
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->





#8

Nitrobenzene-d5

Concen: 0.455 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

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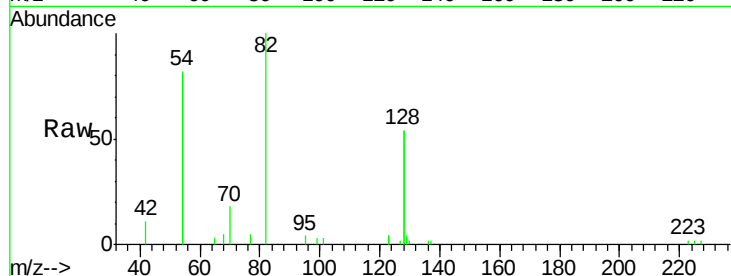
Tot Ion: 82 Resp: 5404

Ion Ratio Lower Upper

82 100

128 108.4 91.7 137.5

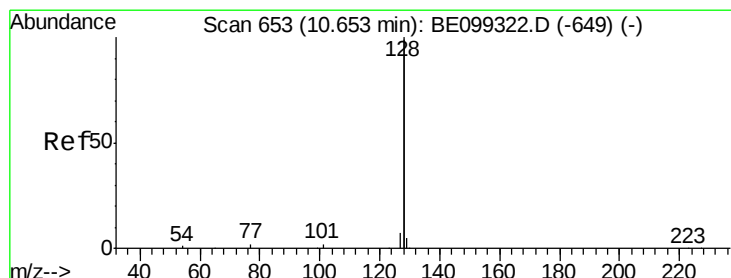
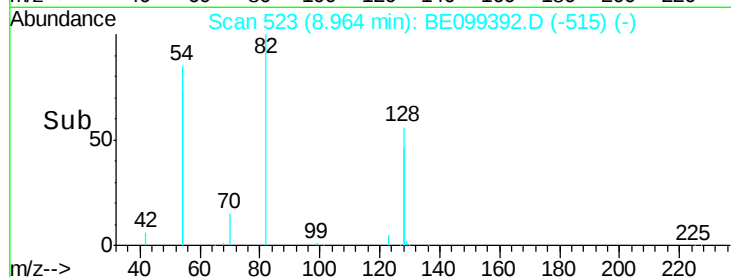
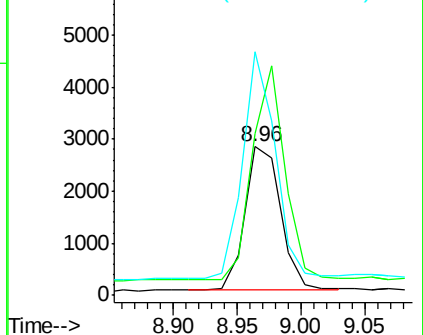
54 163.8 122.8 184.2



Abundance Ion 82.00 (81.70 to 82.70): BE099322.D (-519) (-)

Ion 128.00 (127.70 to 128.70): BE099322.D (-519) (-)

Ion 54.00 (53.70 to 54.70): BE099322.D (-519) (-)



#9

Naphthalene

Concen: 0.044 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

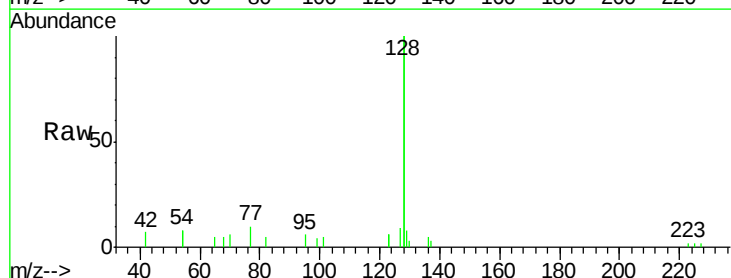
Tgt Ion: 128 Resp: 7380

Ion Ratio Lower Upper

128 100

129 4.1 2.3 3.5#

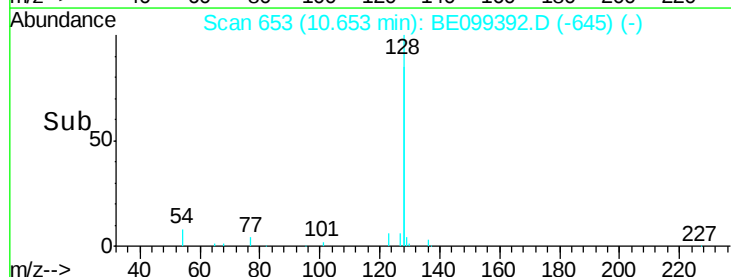
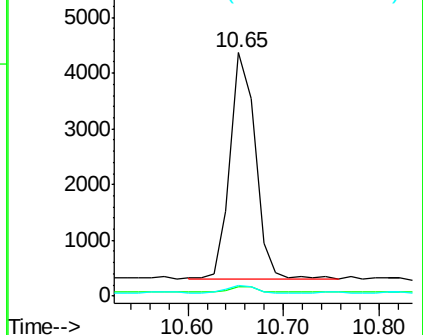
127 4.6 2.8 4.2#

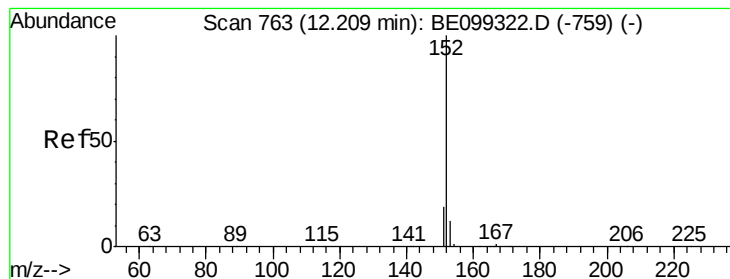


Abundance Ion 128.00 (127.70 to 128.70): BE099322.D (-649) (-)

Ion 129.00 (128.70 to 129.70): BE099322.D (-649) (-)

Ion 127.00 (126.70 to 127.70): BE099322.D (-649) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

Instrument :

BNA_E

ClientSampleId :

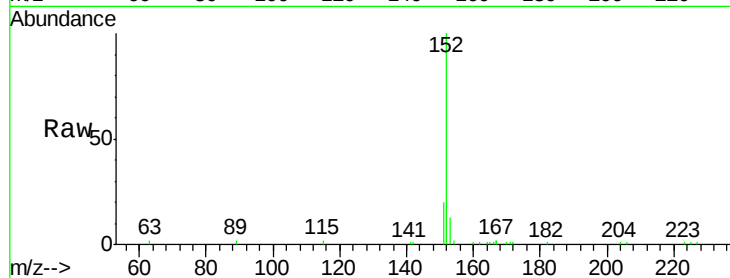
PST-028-B006-042219

Tot Ion:152 Resp: 9695

Ion Ratio Lower Upper

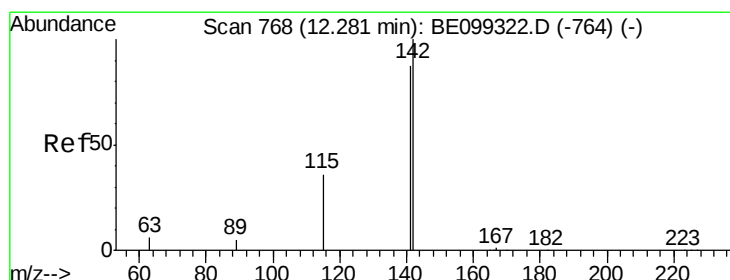
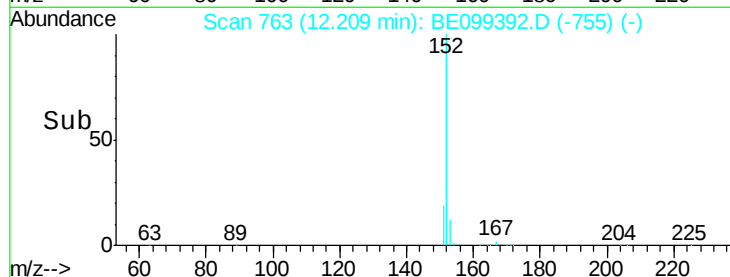
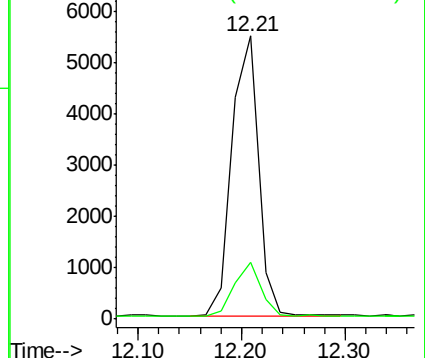
152 100

151 19.3 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.048 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

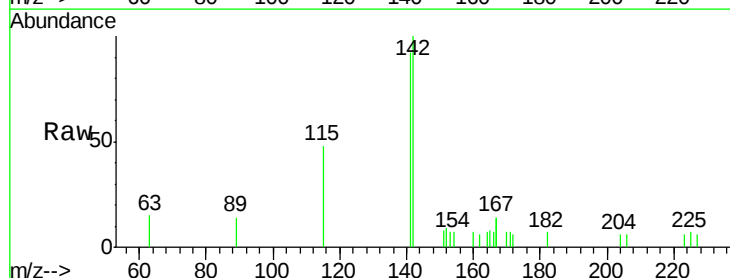
Tgt Ion:142 Resp: 1369

Ion Ratio Lower Upper

142 100

141 91.9 72.0 108.0

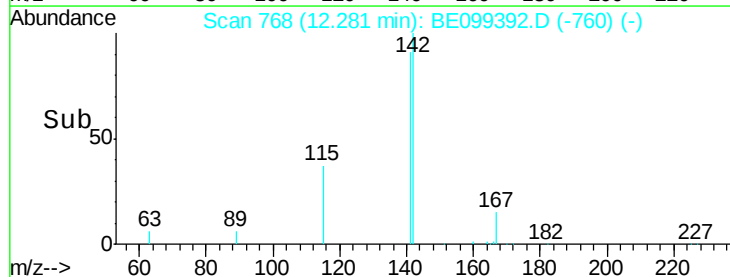
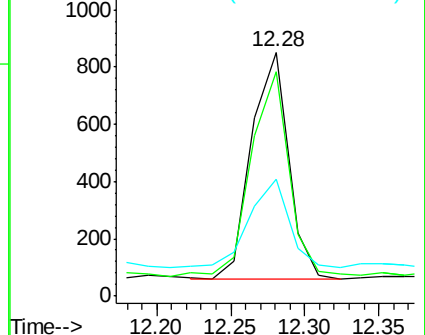
115 47.7 33.4 50.0

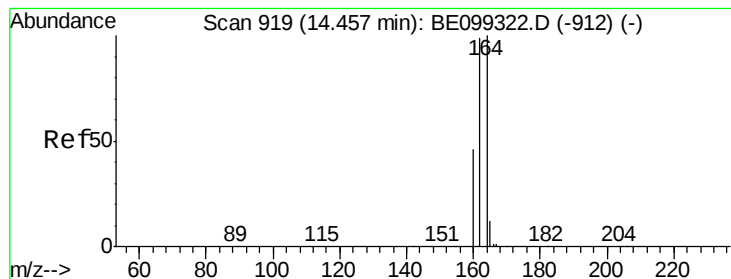


Abundance Ion 142.00 (141.70 to 142.70): E

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

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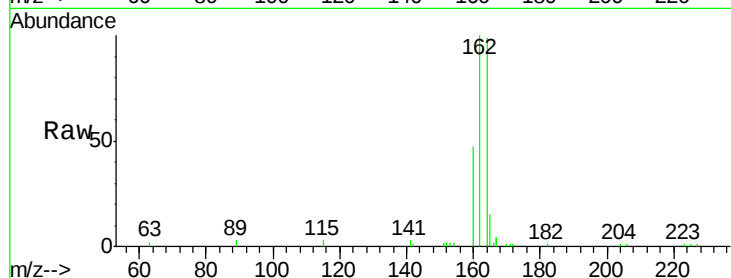
Tot Ion:164 Resp: 11091

Ion Ratio Lower Upper

164 100

162 100.6 77.8 116.6

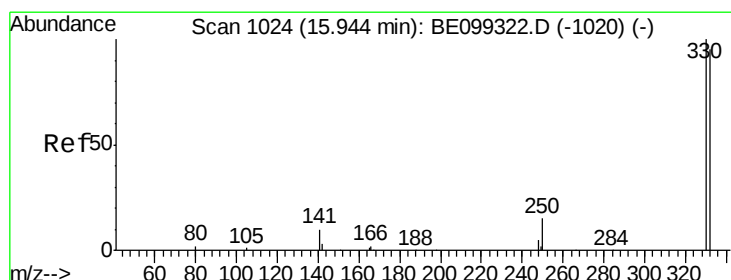
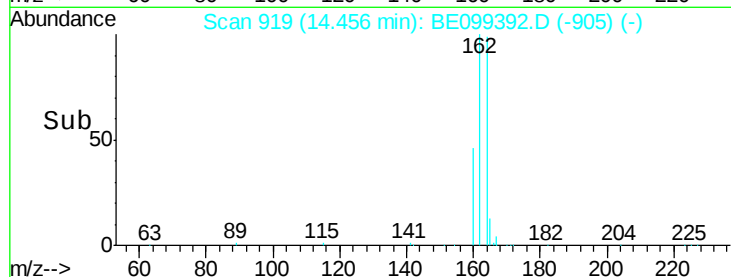
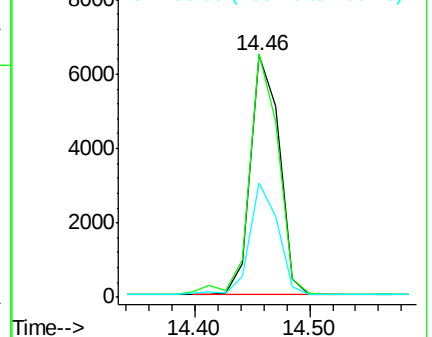
160 47.1 37.1 55.7



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: 0.697 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

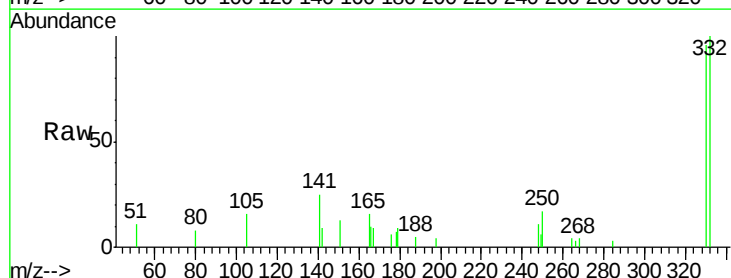
Tgt Ion:330 Resp: 2567

Ion Ratio Lower Upper

330 100

332 100.7 82.5 123.7

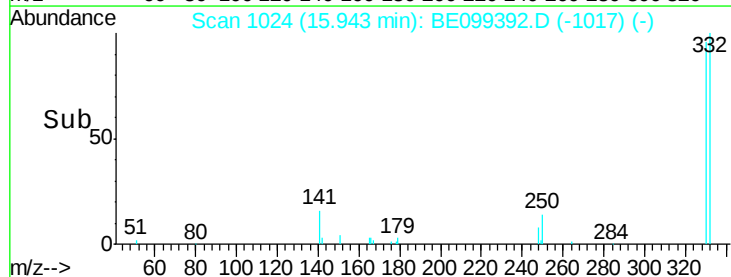
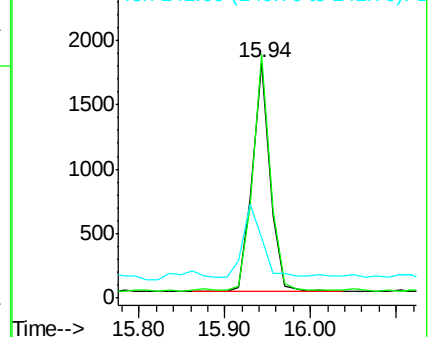
141 33.0 24.9 37.3

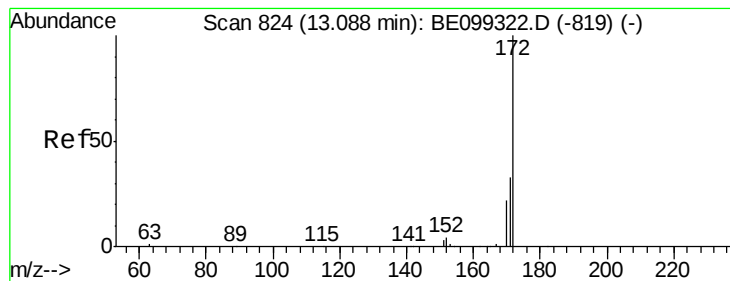


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.319 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

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ClientSampleId :

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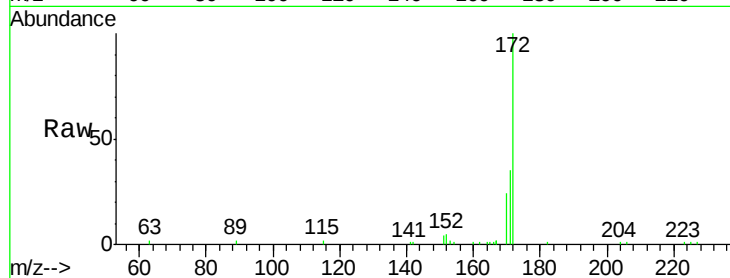
Tot Ion:172 Resp: 13895

Ion Ratio Lower Upper

172 100

171 35.0 26.2 39.2

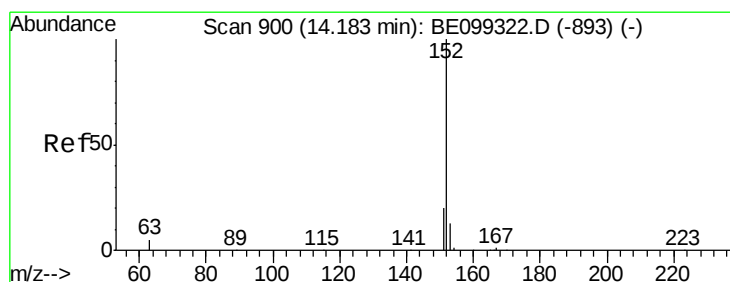
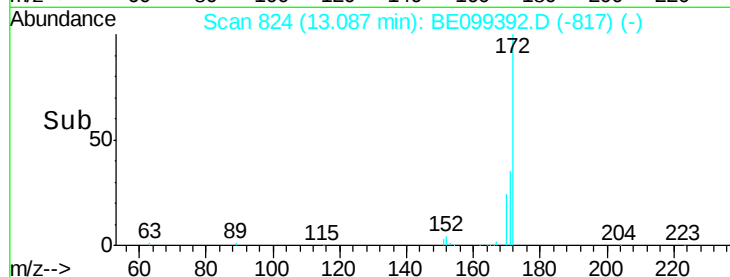
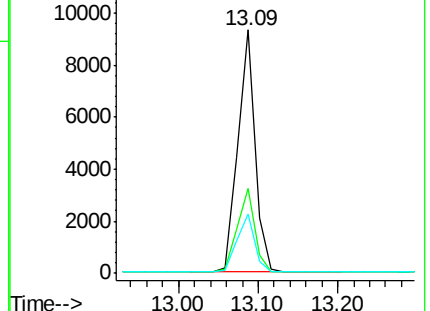
170 24.1 18.1 27.1



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: 0.083 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

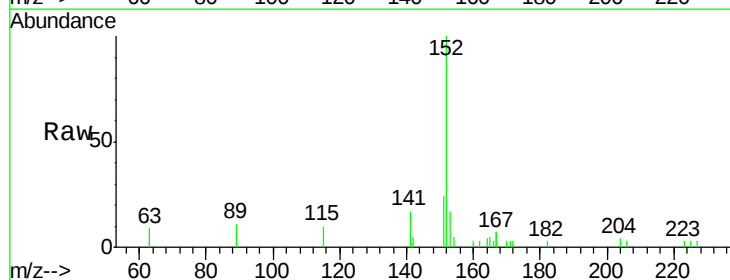
Tgt Ion:152 Resp: 4142

Ion Ratio Lower Upper

152 100

151 22.0 15.5 23.3

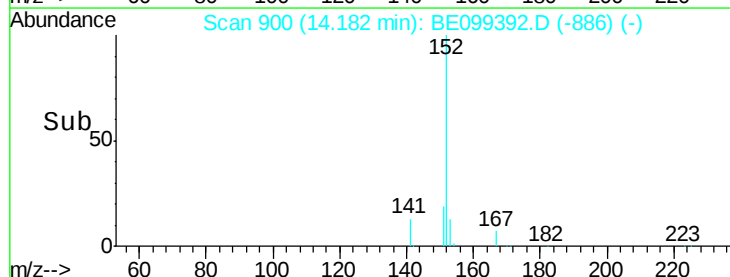
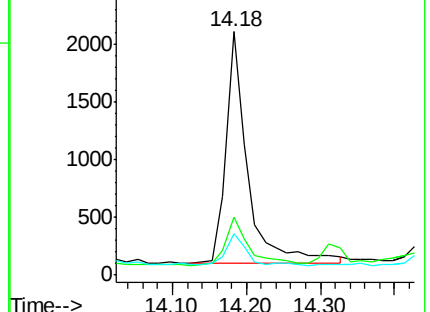
153 12.8 10.2 15.4

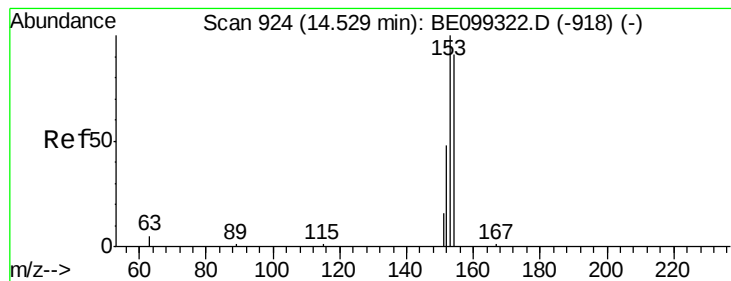


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.084 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.01 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

Instrument :

BNA_E

ClientSampleId :

PST-028-B006-042219

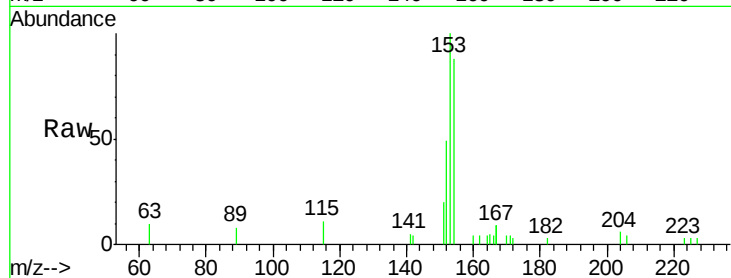
Tot Ion:154 Resp: 2604

Ion Ratio Lower Upper

154 100

153 118.8 94.7 142.1

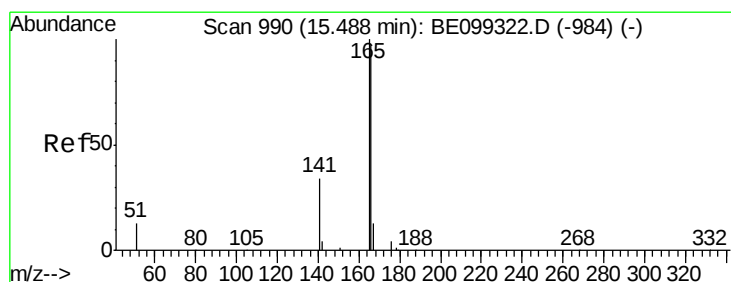
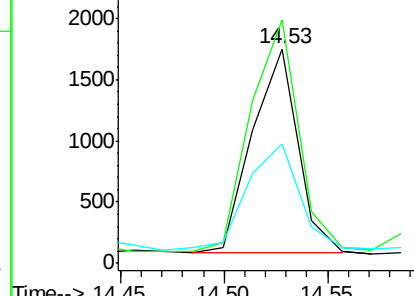
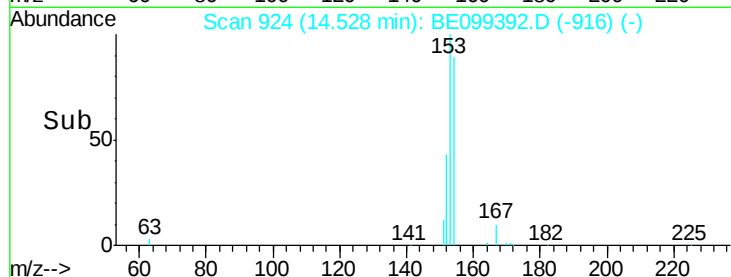
152 58.6 46.4 69.6



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: 0.103 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

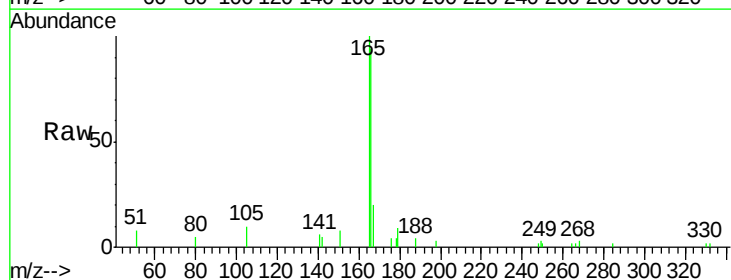
Tgt Ion:166 Resp: 4568

Ion Ratio Lower Upper

166 100

165 109.0 79.7 119.5

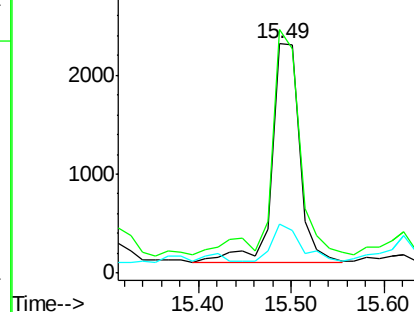
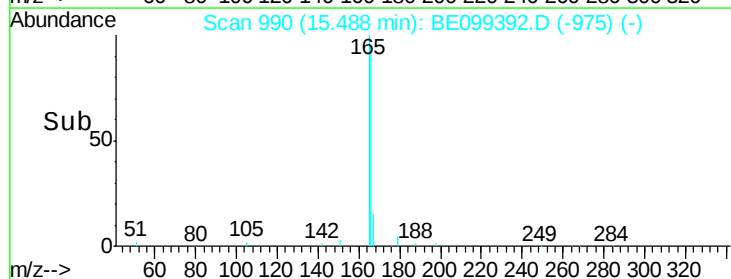
167 18.3 11.0 16.4#

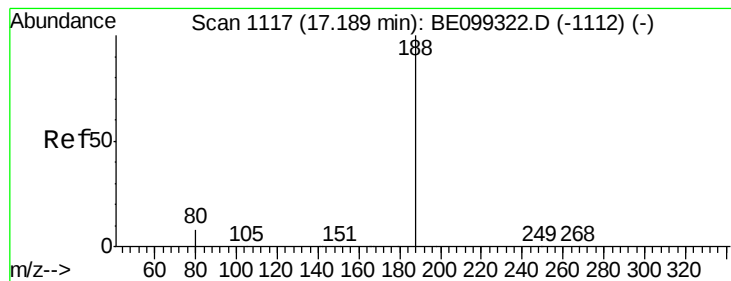


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099392.D

Acq: 27 Apr 2019 00:06

Instrument :

BNA_E

ClientSampleId :

PST-028-B006-042219

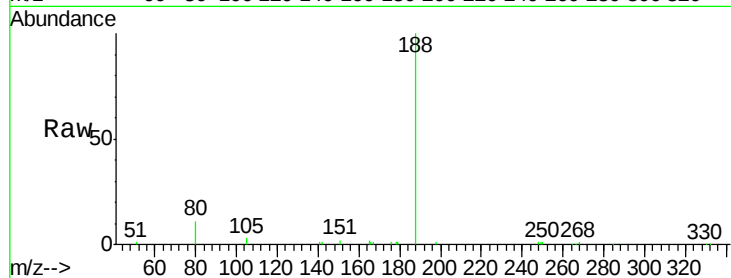
Tot Ion:188 Resp: 29323

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

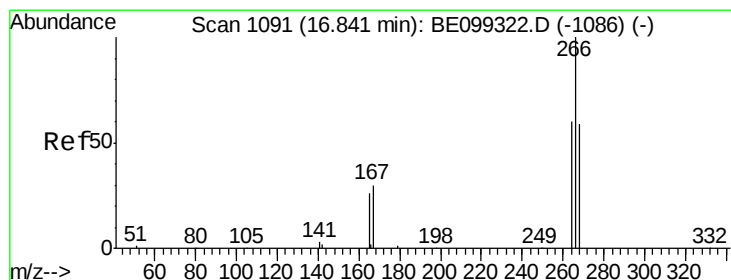
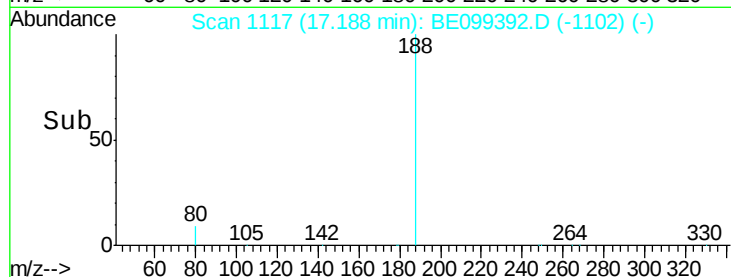
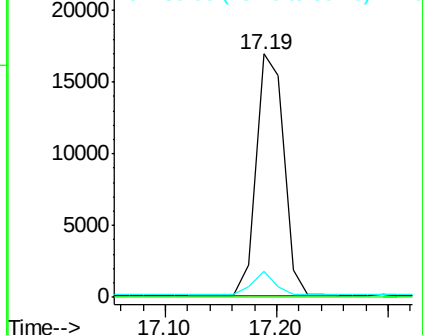
80 10.5 6.2 9.4#



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



#22

Pentachlorophenol

Concen: 0.228 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

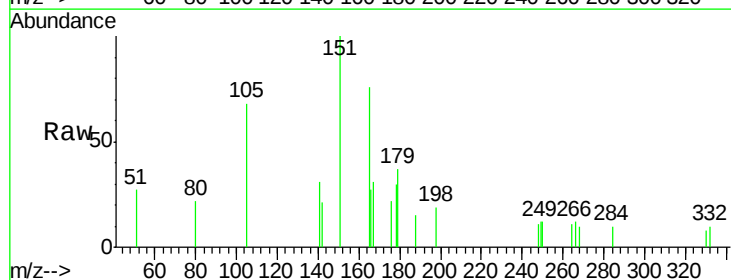
Tgt Ion:266 Resp: 47

Ion Ratio Lower Upper

266 100

264 84.8 54.5 81.7#

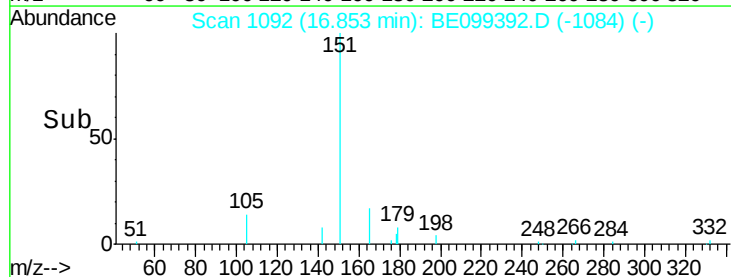
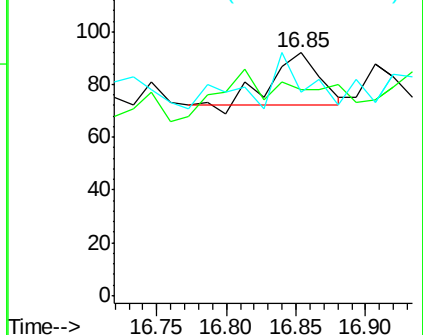
268 83.7 54.3 81.5#

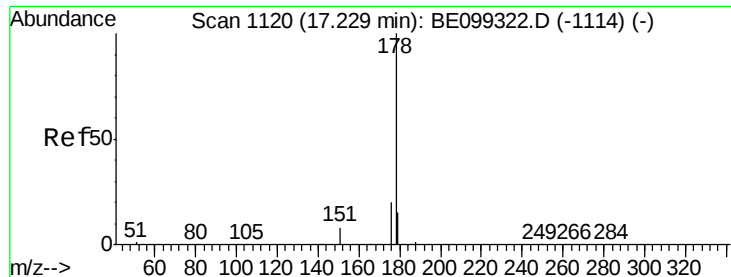


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.907 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

Instrument :

BNA_E

ClientSampleId :

PST-028-B006-042219

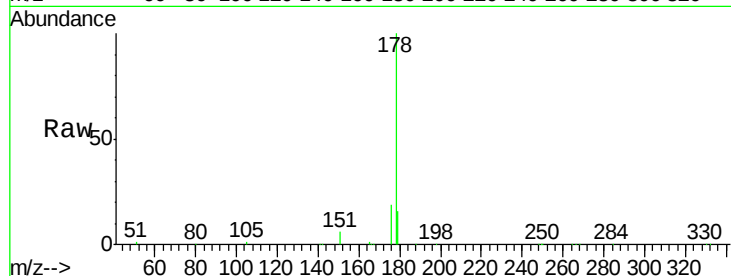
Tot Ion:178 Resp: 148068

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

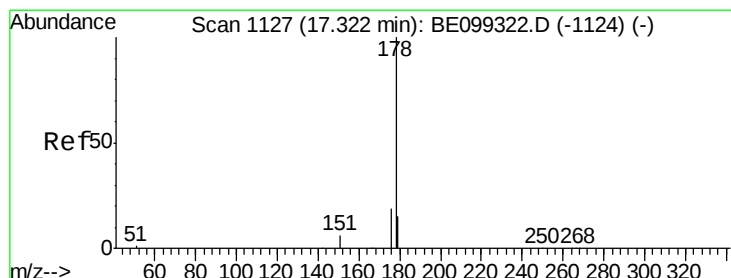
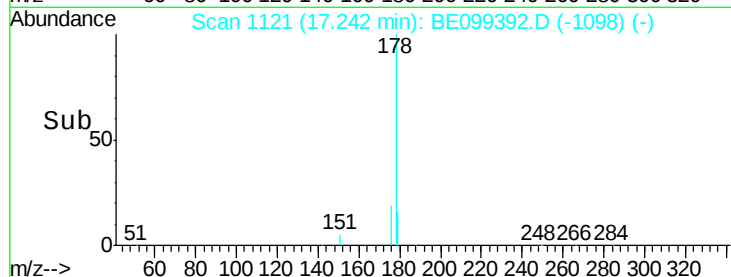
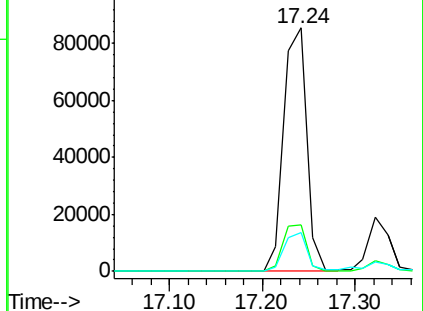
179 15.7 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.415 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

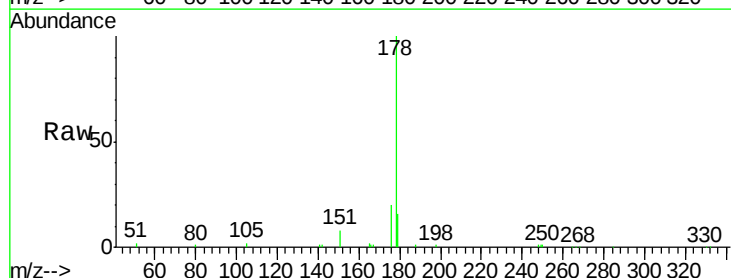
Tgt Ion:178 Resp: 28694

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

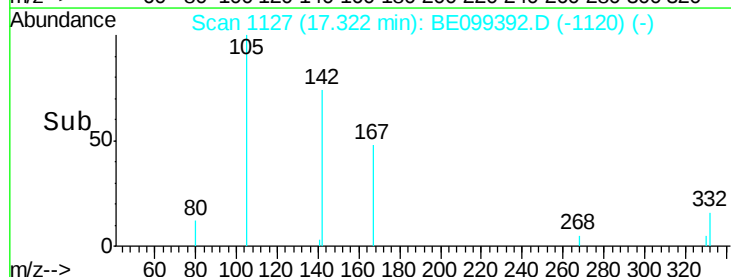
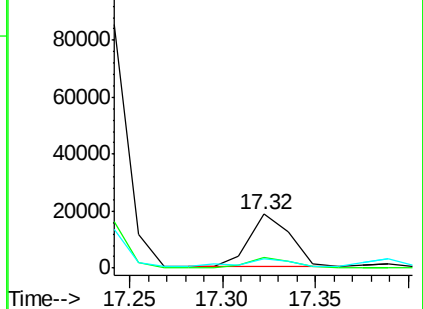
179 16.5 11.9 17.9

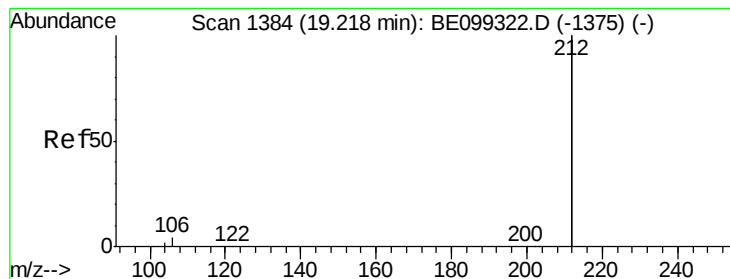


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.324 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

Instrument :

BNA_E

ClientSampleId :

PST-028-B006-042219

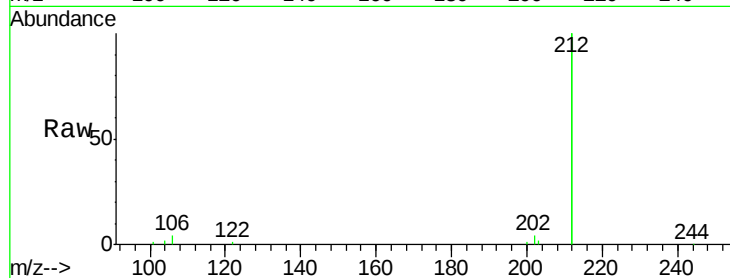
Tot Ion:212 Resp: 114174

Ion Ratio Lower Upper

212 100

106 1.8 1.8 2.6

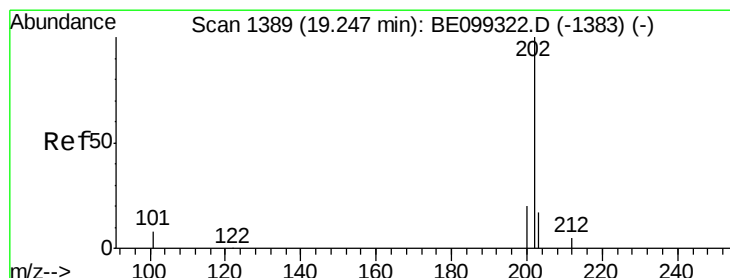
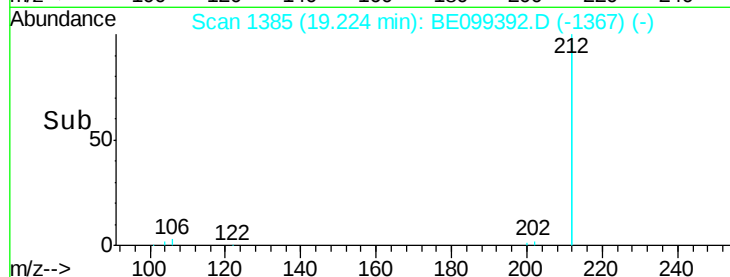
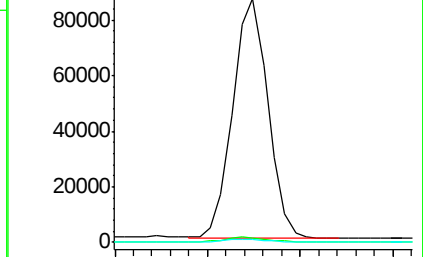
104 1.2 1.0 1.4



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: 4.225 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

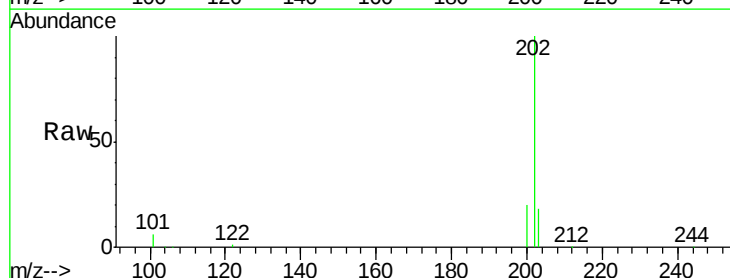
Tgt Ion:202 Resp: 439105

Ion Ratio Lower Upper

202 100

101 6.5 6.4 9.6

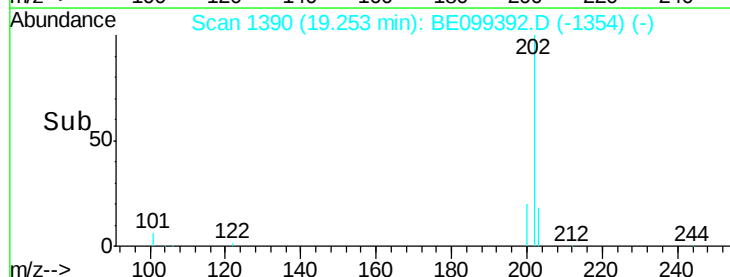
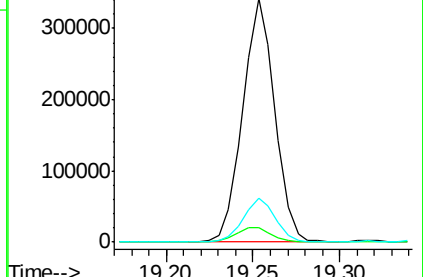
203 17.7 13.5 20.3

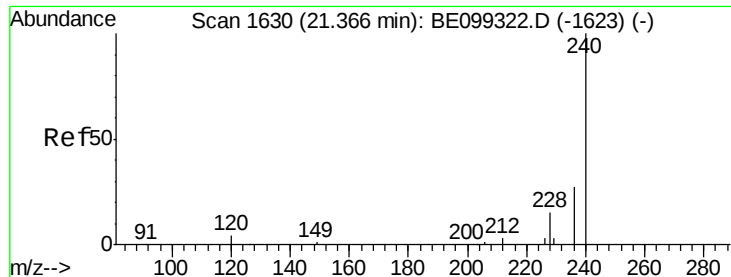


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099392.D

Acq: 27 Apr 2019 00:06

Instrument :

BNA_E

ClientSampleId :

PST-028-B006-042219

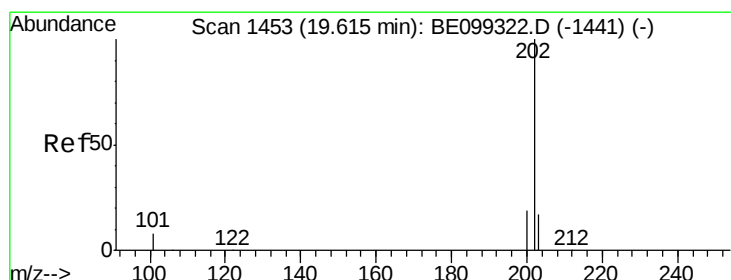
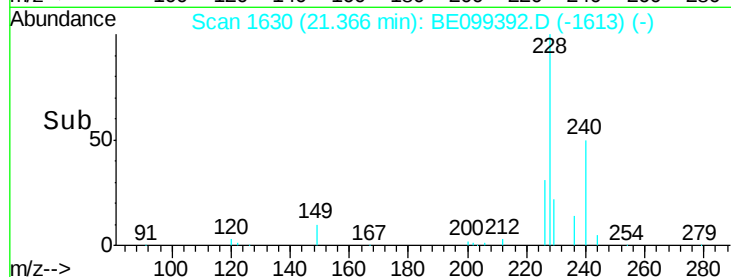
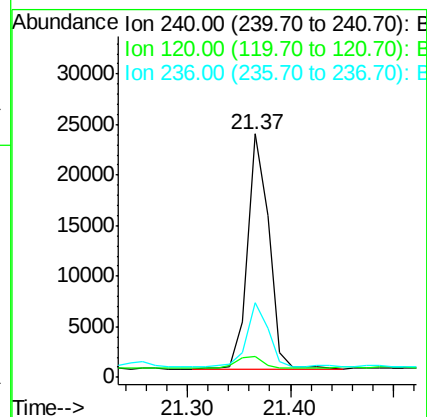
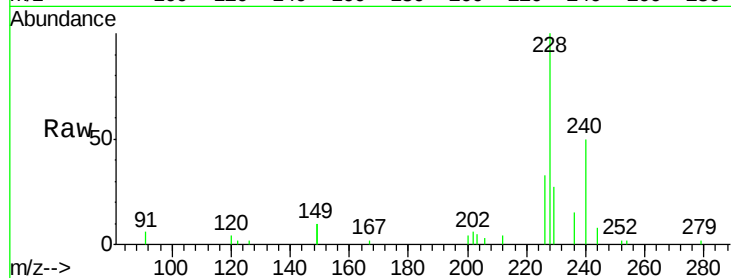
Tot Ion:240 Resp: 33720

Ion Ratio Lower Upper

240 100

120 8.8 2.2 3.2#

236 30.6 20.2 30.4#



#28

Pyrene

Concen: 3.848 ng

RT: 19.61 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

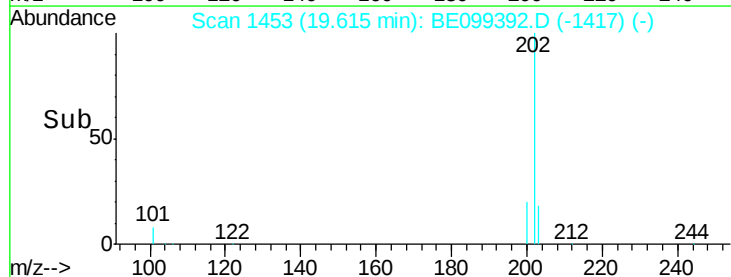
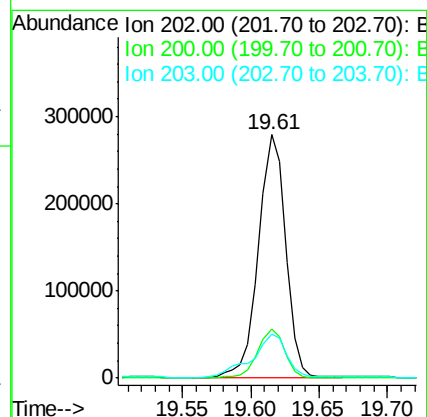
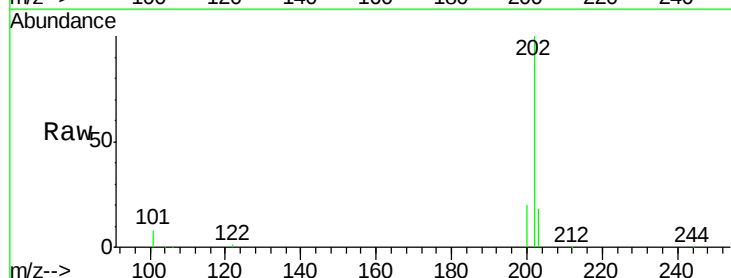
Tgt Ion:202 Resp: 382318

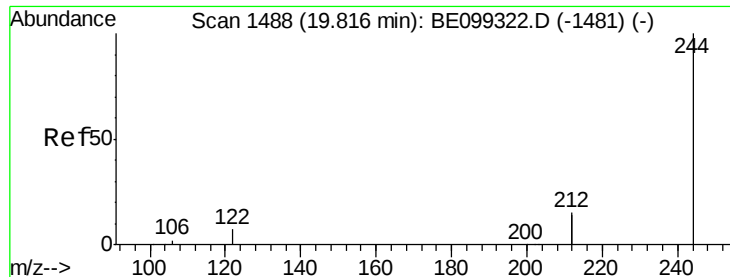
Ion Ratio Lower Upper

202 100

200 20.0 15.7 23.5

203 22.5 13.7 20.5#





#29

Terphenyl-d14

Concen: 0.291 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

Instrument :

BNA_E

ClientSampleId :

PST-028-B006-042219

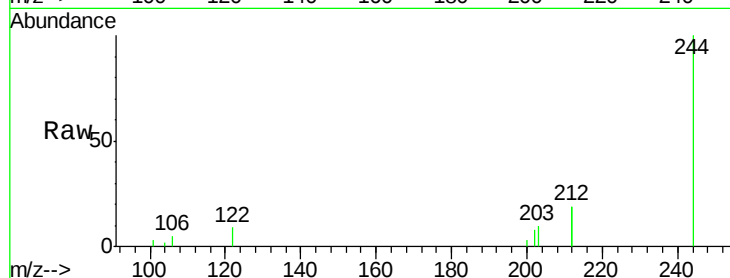
Tot Ion:244 Resp: 19294

Ion Ratio Lower Upper

244 100

212 38.8 22.6 33.8#

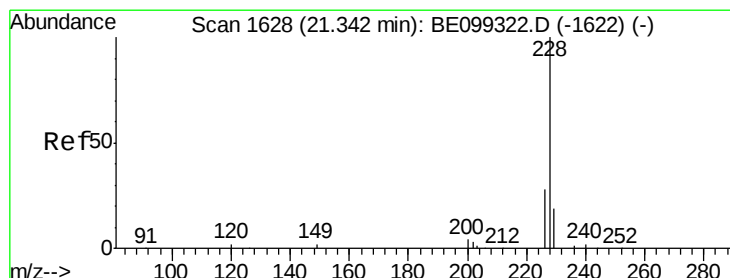
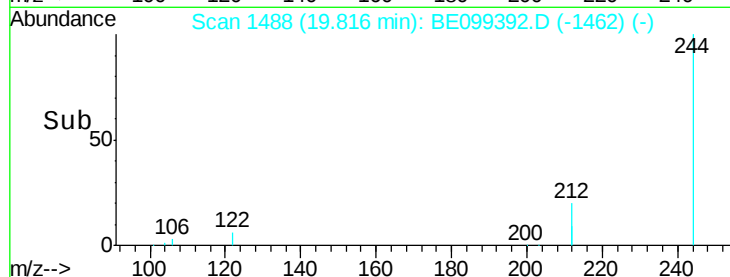
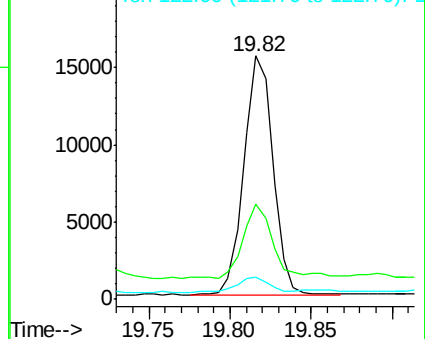
122 9.0 4.6 7.0#



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: 2.588 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

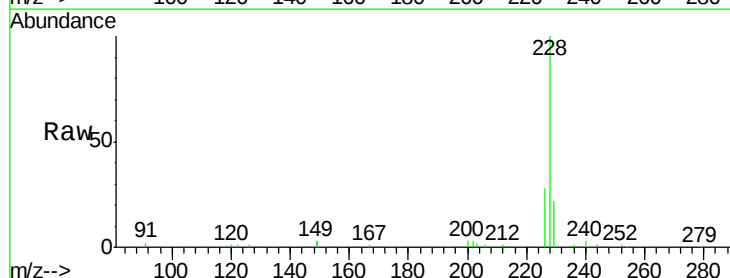
Tgt Ion:228 Resp: 256568

Ion Ratio Lower Upper

228 100

226 28.1 22.0 33.0

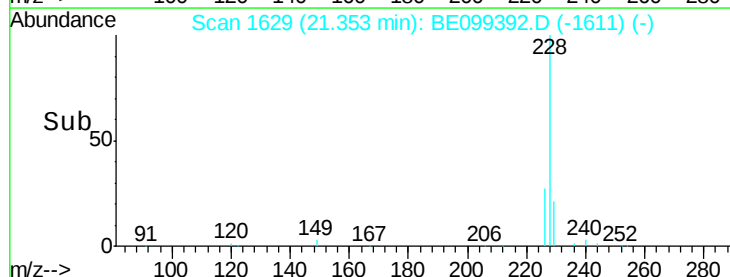
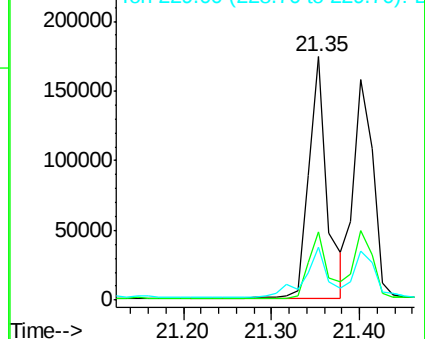
229 21.9 15.8 23.8

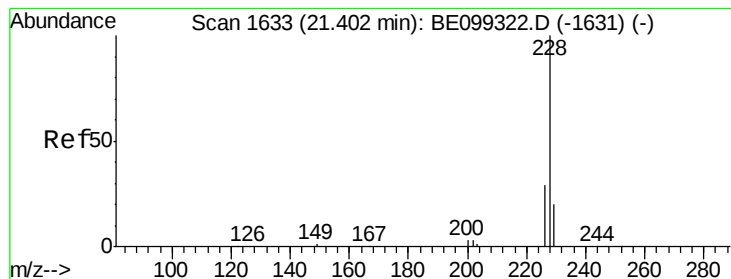


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.296 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

Instrument :

BNA_E

ClientSampleId :

PST-028-B006-042219

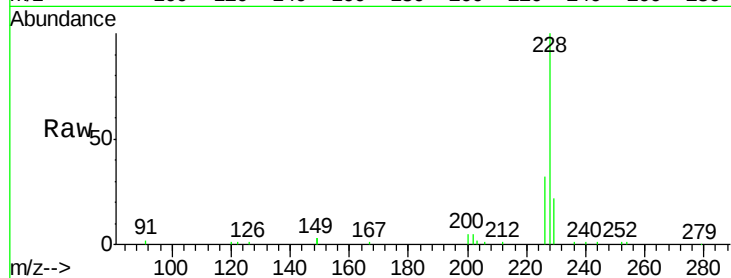
Tot Ion:228 Resp: 242266

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.2

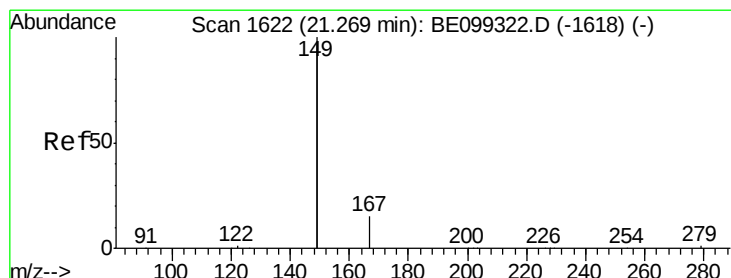
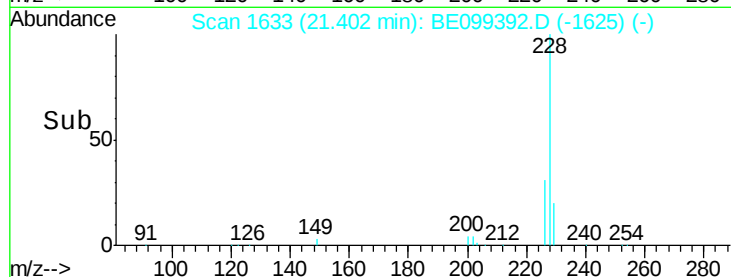
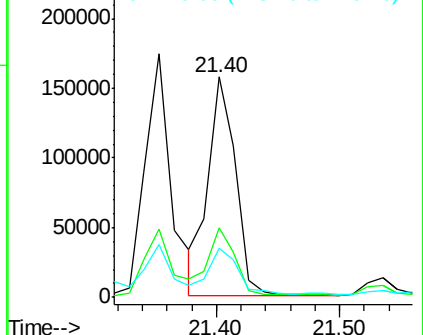
229 22.4 16.2 24.2



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: 0.368 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

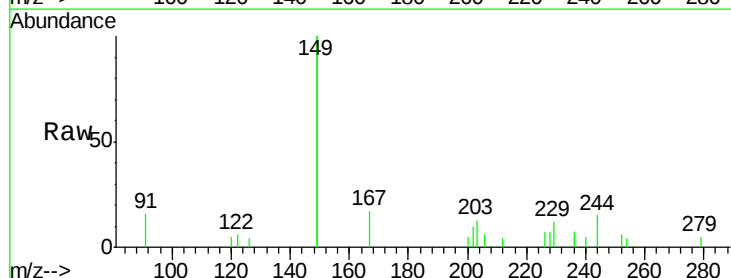
Tgt Ion:149 Resp: 33236

Ion Ratio Lower Upper

149 100

167 8.4 6.0 9.0

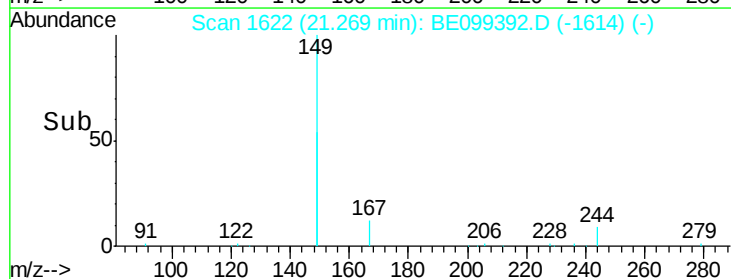
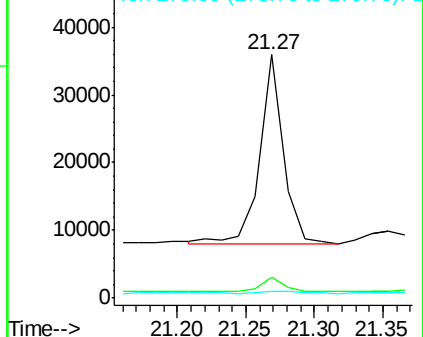
279 1.9 1.1 1.7#

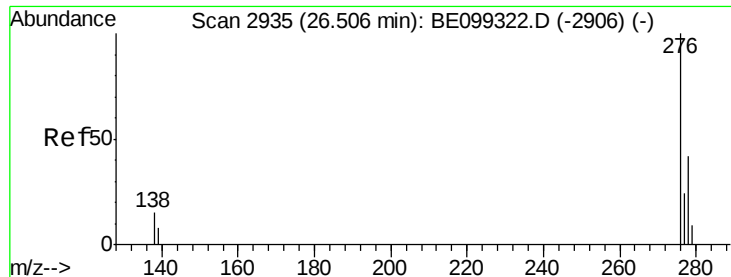


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

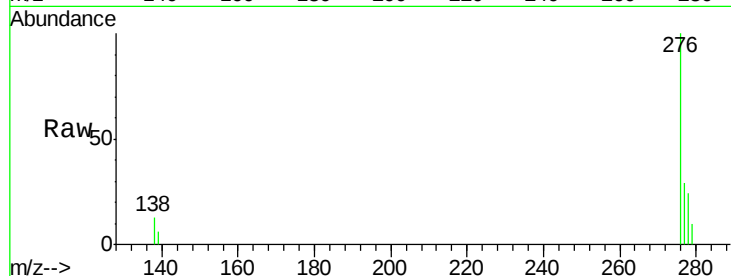




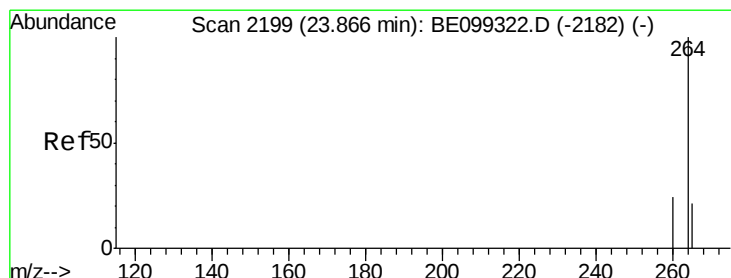
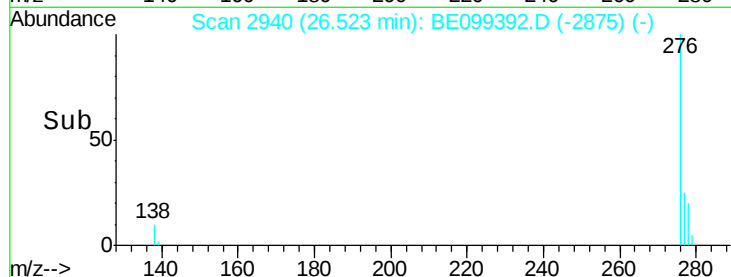
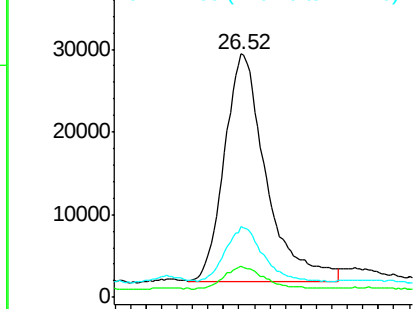
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.984 ng
RT: 26.52 min Scan# 2940
Delta R.T. 0.03 min
Lab File: BE099392.D
Acq: 27 Apr 2019 00:06

Instrument :
BNA_E
ClientSampleId :
PST-028-B006-042219

Tot Ion:276 Resp: 102516
Ion Ratio Lower Upper
276 100
138 9.4 12.7 19.1#
277 21.8 19.6 29.4

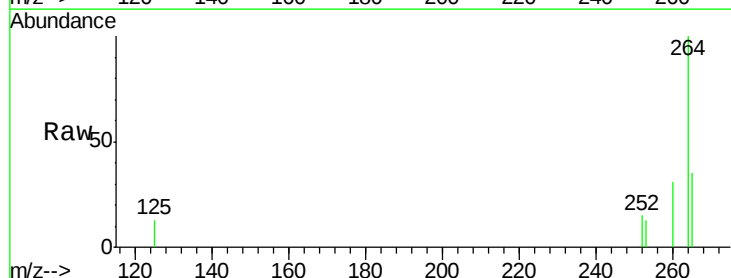


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

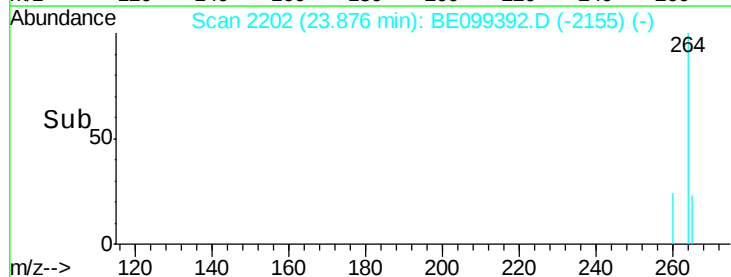
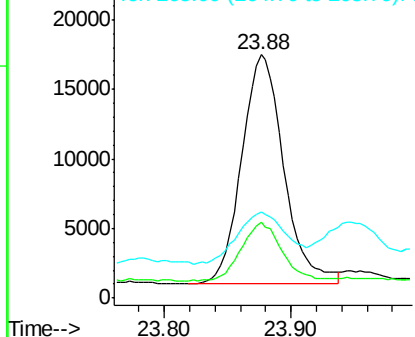


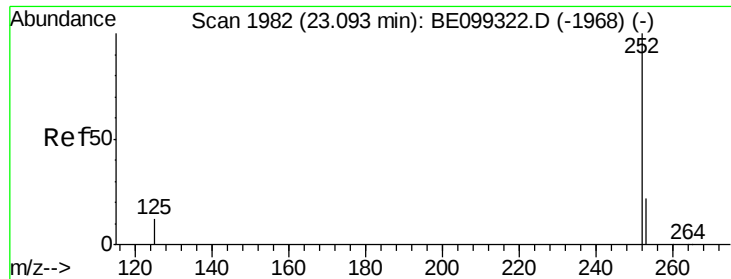
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2202
Delta R.T. 0.02 min
Lab File: BE099392.D
Acq: 27 Apr 2019 00:06

Tgt Ion:264 Resp: 38173
Ion Ratio Lower Upper
264 100
260 31.0 20.1 30.1#
265 35.4 19.9 29.9#



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: 2.497 ng

RT: 23.11 min Scan# 1986

Delta R.T. 0.02 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

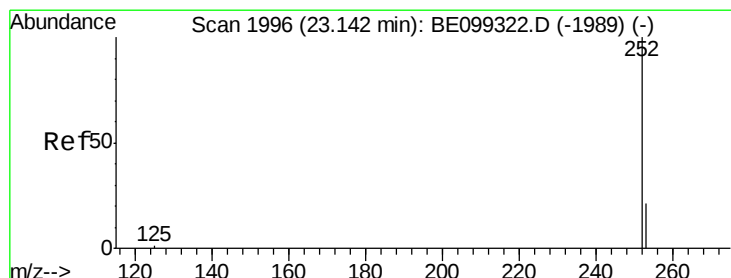
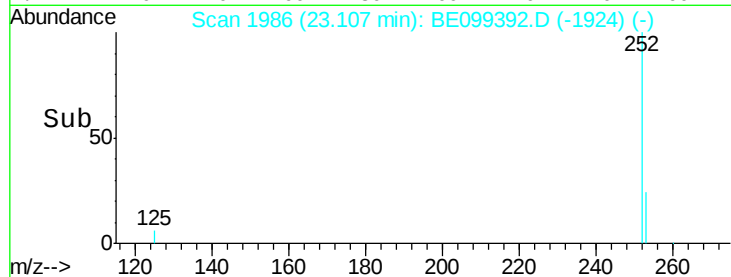
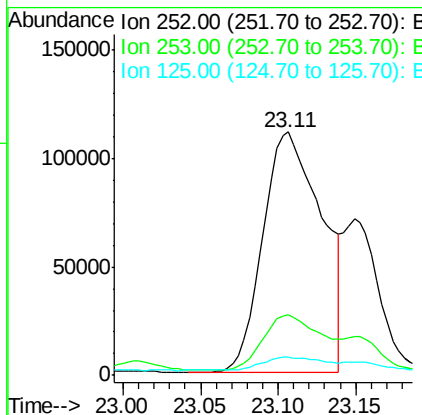
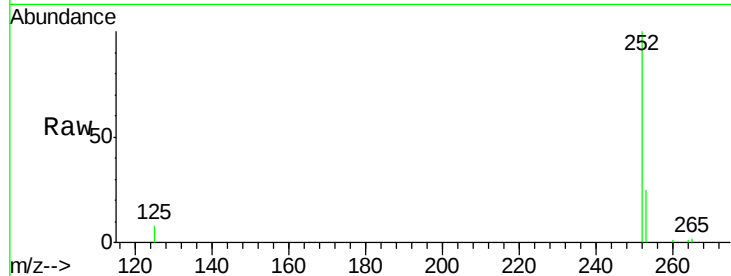
Instrument :

BNA_E

ClientSampleId :

PST-028-B006-042219

Tot Ion:252	Resp:	291827
Ion Ratio	Lower	Upper
252	100	
253	24.9	17.3 25.9
125	7.6	5.8 8.6



#36

Benzo(k)fluoranthene

Concen: 2.505 ng

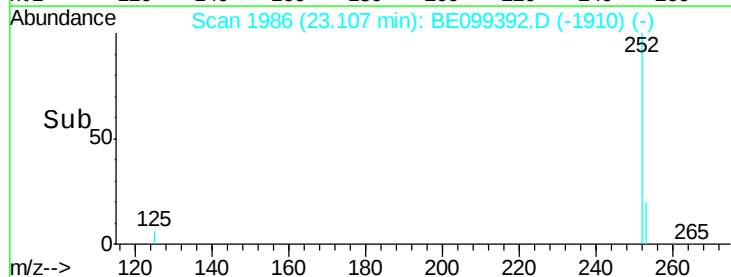
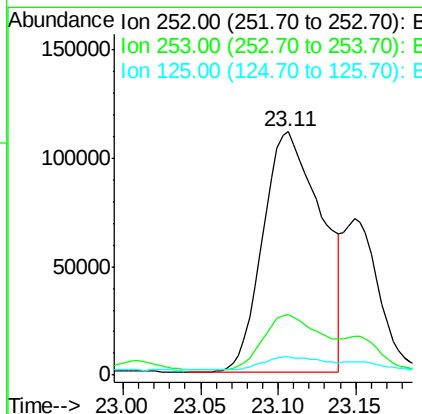
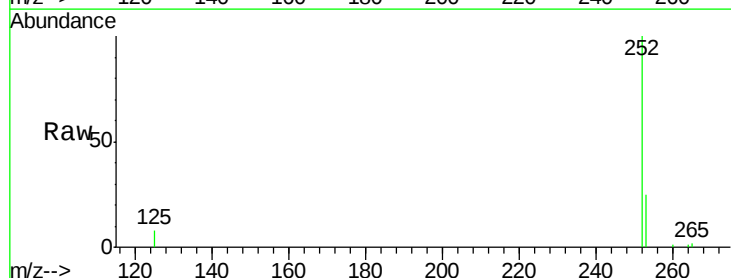
RT: 23.11 min Scan# 1986

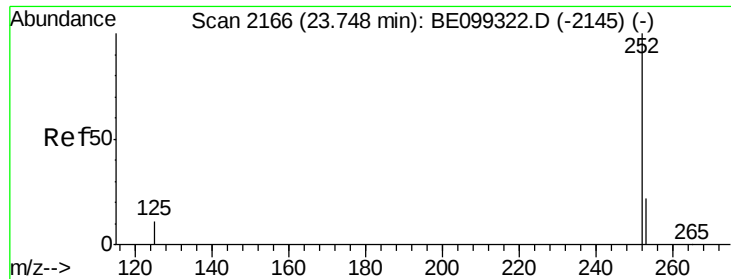
Delta R.T. -0.03 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

Tgt Ion:252	Resp:	291827
Ion Ratio	Lower	Upper
252	100	
253	24.9	18.4 27.6
125	7.6	5.4 8.0





#37

Benzo(a)pyrene

Concen: 1.845 ng

RT: 23.76 min Scan# 2170

Delta R.T. 0.02 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

Instrument :

BNA_E

ClientSampleId :

PST-028-B006-042219

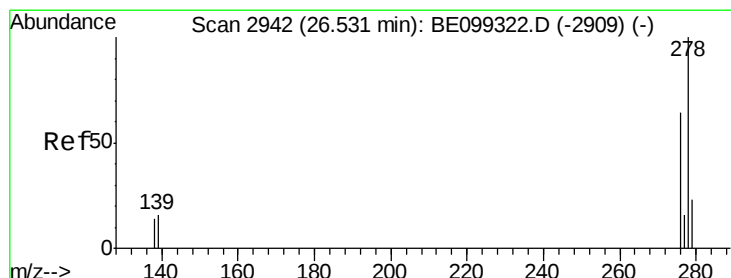
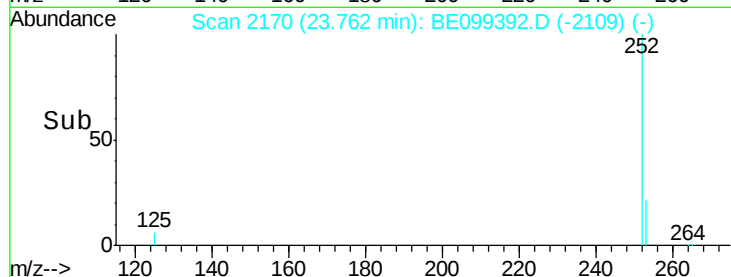
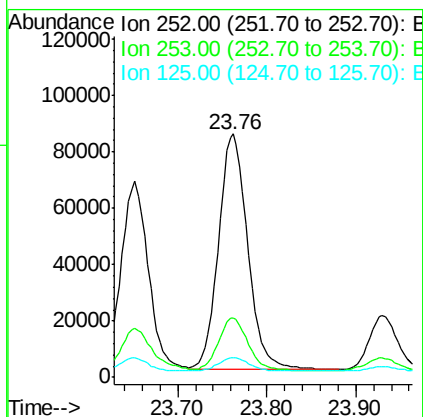
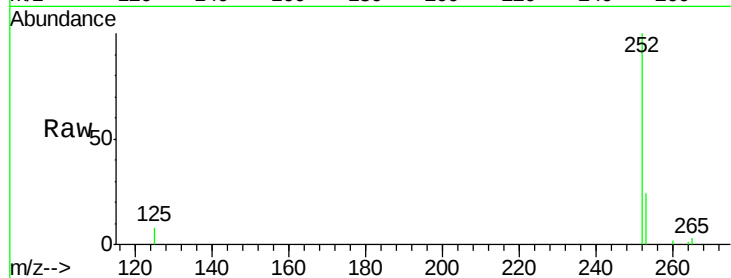
Tot Ion:252 Resp: 193208

Ion Ratio Lower Upper

252 100

253 24.5 17.6 26.4

125 8.2 6.5 9.7



#38

Dibenzo(a,h)anthracene

Concen: 0.245 ng

RT: 26.54 min Scan# 2944

Delta R.T. 0.02 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

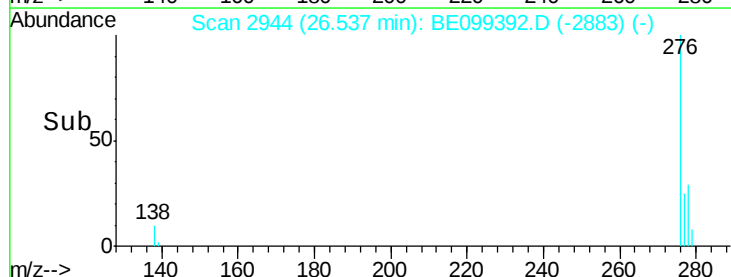
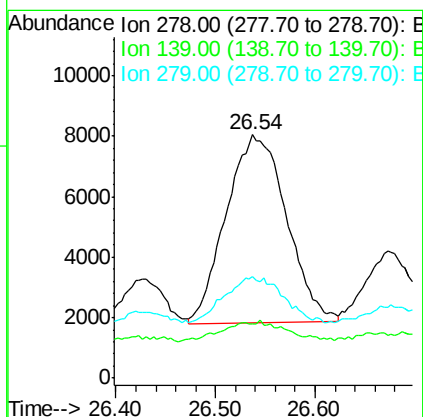
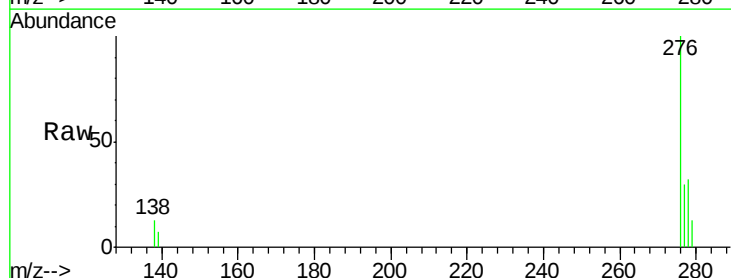
Tgt Ion:278 Resp: 26182

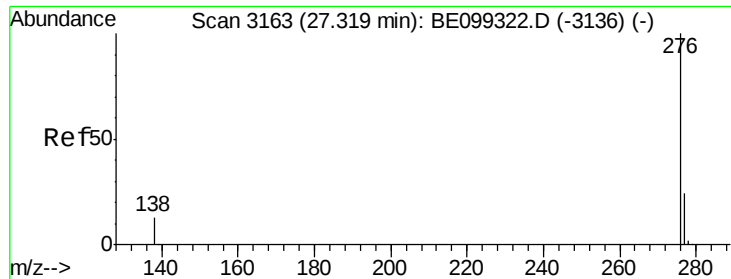
Ion Ratio Lower Upper

278 100

139 22.0 8.5 12.7#

279 41.6 19.8 29.8#





#39

Benzo(a,h,i)perylene

Concen: 0.873 ng

RT: 27.35 min Scan# 3171

Delta R.T. 0.04 min

Lab File: BE099392.D

Acq: 27 Apr 2019 00:06

Instrument :

BNA_E

ClientSampleId :

PST-028-B006-042219

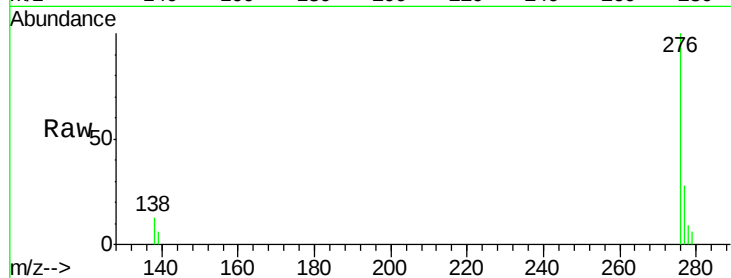
Tot Ion: 276 Resp: 94725

Ion Ratio Lower Upper

276 100

277 28.3 20.0 30.0

138 12.9 11.1 16.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

