

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050319\
 Data File : BE099536.D
 Acq On : 3 May 2019 18:54
 Operator : JU/SJ
 Sample : K2588-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B016-042519

Quant Time: May 03 23:37:05 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	7.82	152	2635	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	10205	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	8046	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	22075	0.40	ng	0.01
27) Chrysene-d12	21.38	240	26097	0.40	ng	0.01
34) Perylene-d12	23.88	264	31084	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	2484	0.34	ng	0.00
5) Phenol-d6	6.97	99	3651	0.38	ng	0.00
8) Nitrobenzene-d5	8.97	82	3127	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	5733	0.31	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	1842	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	8912	0.29	ng	0.00
25) Fluoranthene-d10	19.23	212	81285	0.27	ng	0.01
29) Terphenyl-d14	19.82	244	16697	0.35	ng	0.00

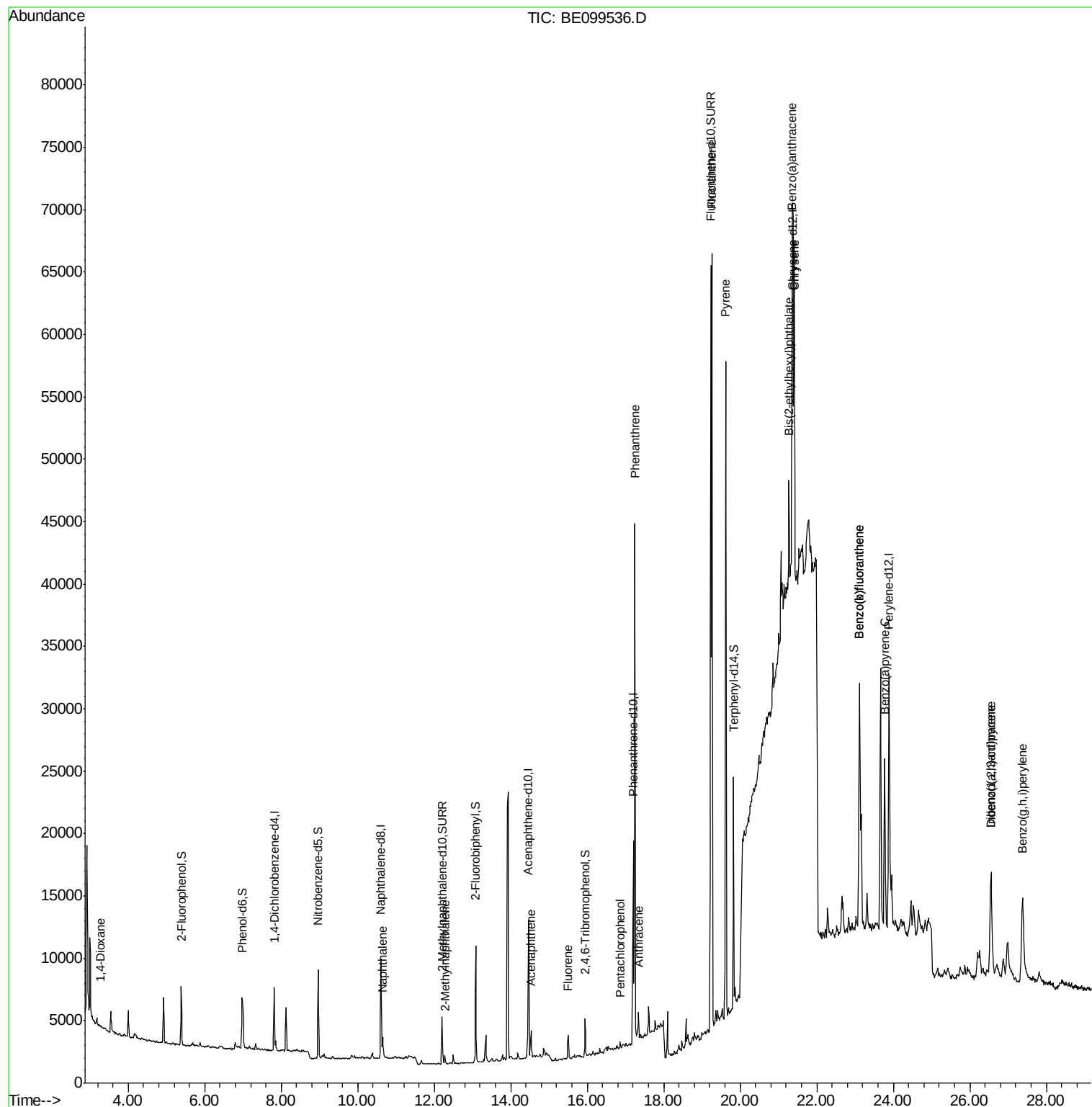
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	94	0.026	ng	# 27
9) Naphthalene	10.65	128	2514	0.023	ng	# 91
12) 2-Methylnaphthalene	12.28	142	435	0.022	ng	# 85
17) Acenaphthene	14.53	154	1084	0.048	ng	92
18) Fluorene	15.50	166	1610	0.049	ng	92
22) Pentachlorophenol	16.85	266	16	0.218	ng	# 62
23) Phenanthrene	17.24	178	41652	0.731	ng	99
24) Anthracene	17.33	178	2306	0.042	ng	# 78
26) Fluoranthene	19.26	202	56756	0.665	ng	99
28) Pvrene	19.62	202	49868	0.733	ng	96
30) Benzo(a)anthracene	21.35	228	23357	0.281	ng	# 80
31) Chrysene	21.41	228	28338	0.348	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.27	149	11255	0.024	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.55	276	17159	0.178	ng	# 97
35) Benzo(b)fluoranthene	23.11	252	36456	0.407	ng	# 56
36) Benzo(k)fluoranthene	23.11	252	36456	0.422	ng	# 57
37) Benzo(a)pvrene	23.77	252	22512	0.266	ng	# 55
38) Dibenzo(a,h)anthracene	26.56	278	6756	0.078	ng	# 1
39) Benzo(g,h,i)perylene	27.37	276	22445	0.258	ng	# 66

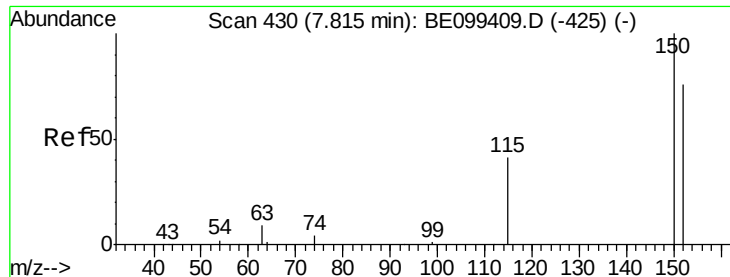
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099536.D

Acq: 3 May 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-001-B016-042519

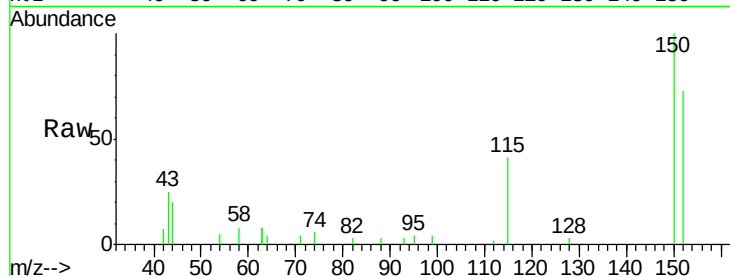
Tot Ion:152 Resp: 2635

Ion Ratio Lower Upper

152 100

150 137.6 104.8 157.2

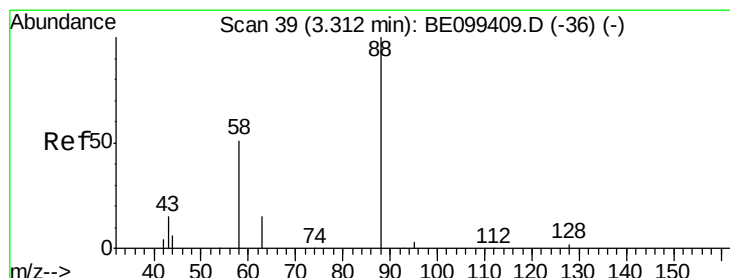
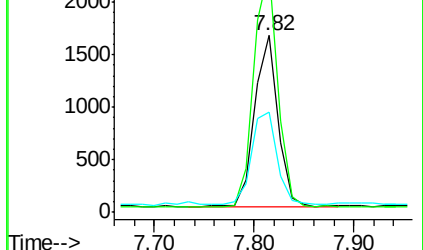
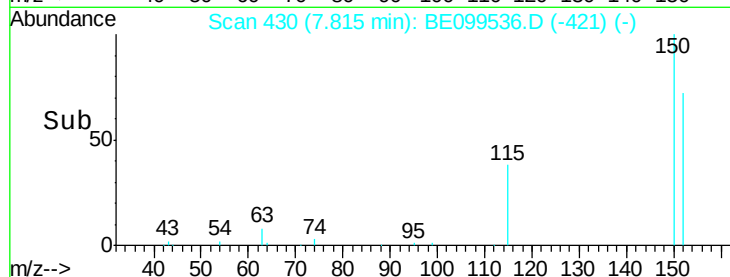
115 56.5 46.6 69.8



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: 0.026 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.03 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

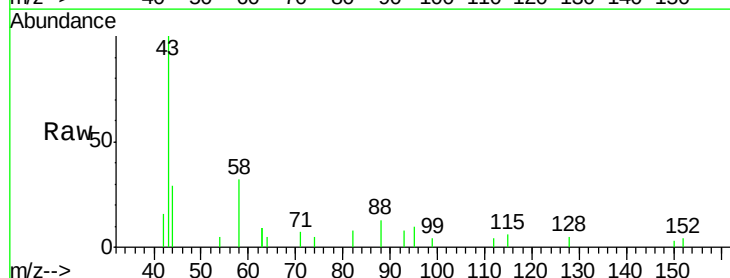
Tgt Ion: 88 Resp: 94

Ion Ratio Lower Upper

88 100

58 0.0 51.0 76.6#

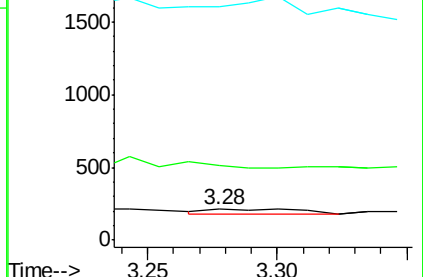
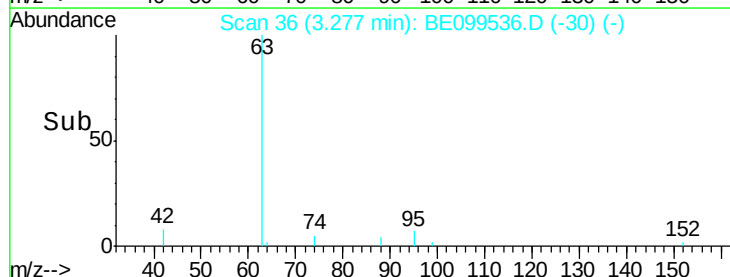
43 0.0 20.6 30.8#

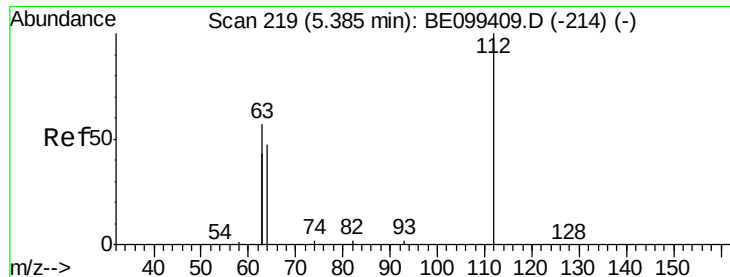


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.341 ng

RT: 5.38 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-001-B016-042519

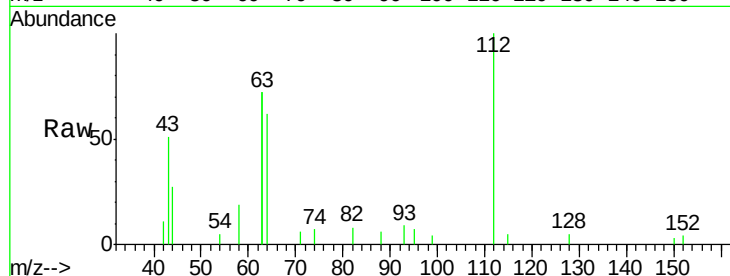
Tot Ion:112 Resp: 2484

Ion Ratio Lower Upper

112 100

64 55.9 47.4 71.0

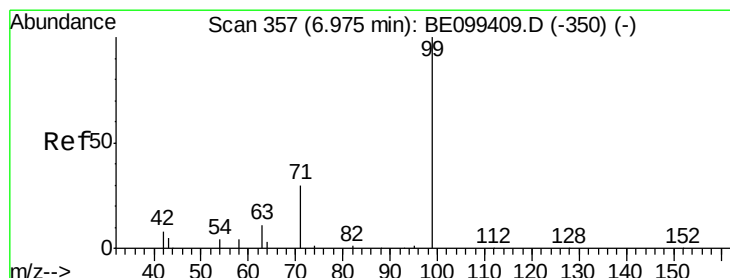
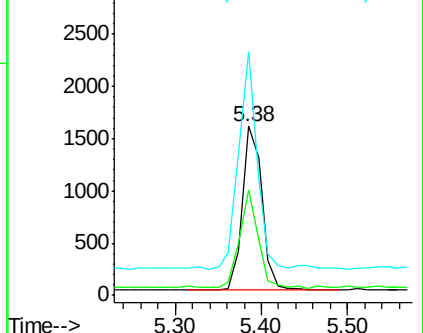
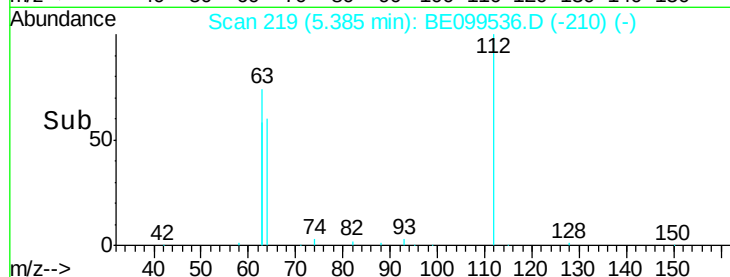
63 121.5 104.3 156.5



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: 0.377 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

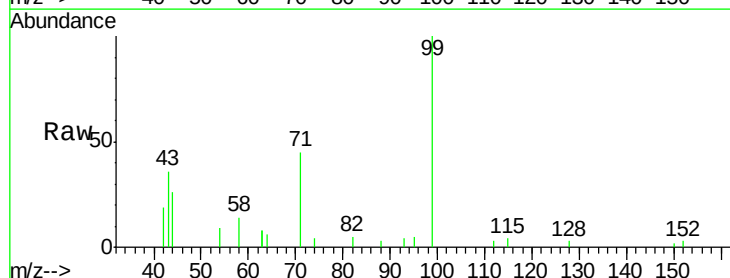
Tgt Ion: 99 Resp: 3651

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

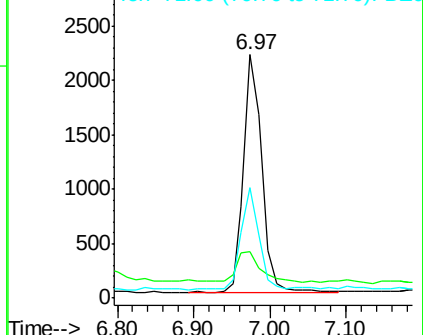
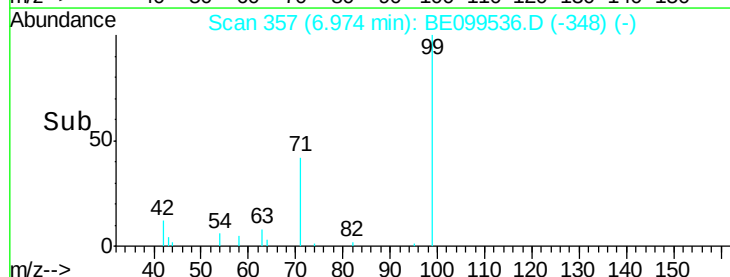
71 42.5 33.0 49.6

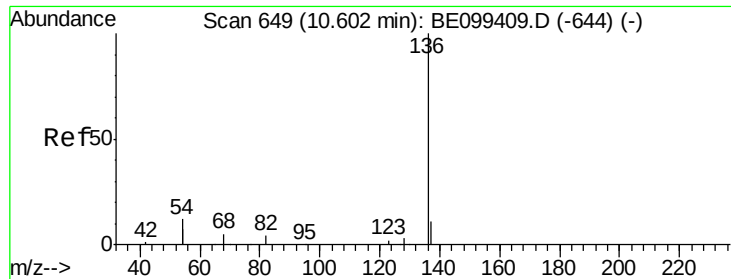


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-001-B016-042519

Tot Ion:136 Resp: 10205

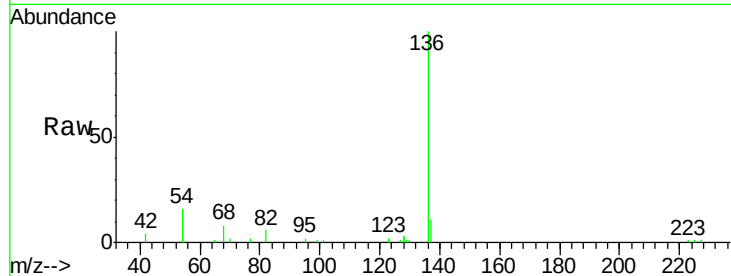
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.8

54 32.1 18.5 27.7#

68 7.8 4.7 7.1#

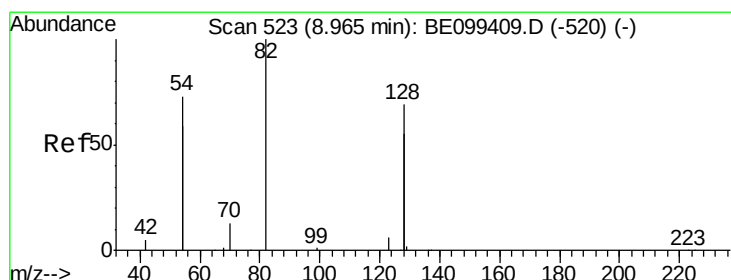
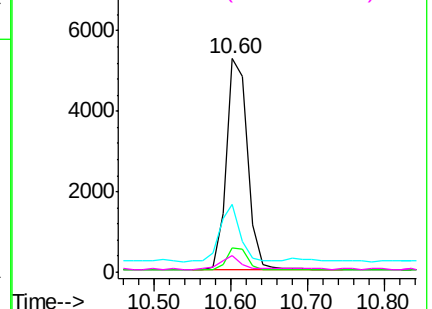
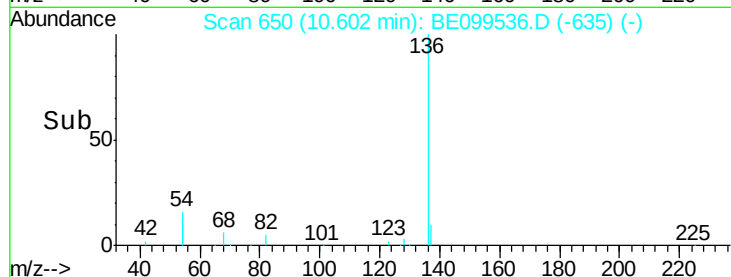


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.327 ng

RT: 8.97 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

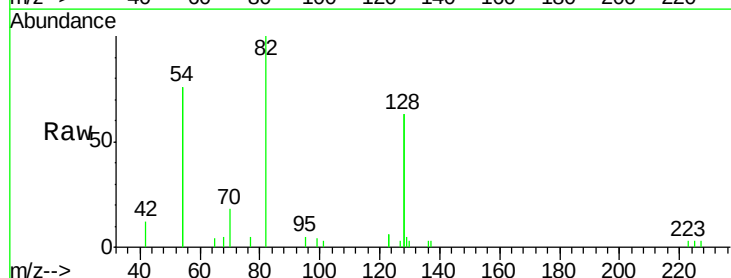
Tgt Ion: 82 Resp: 3127

Ion Ratio Lower Upper

82 100

128 126.5 107.0 160.4

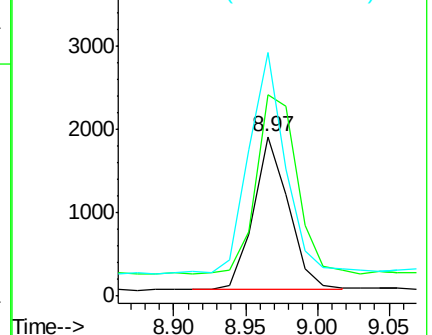
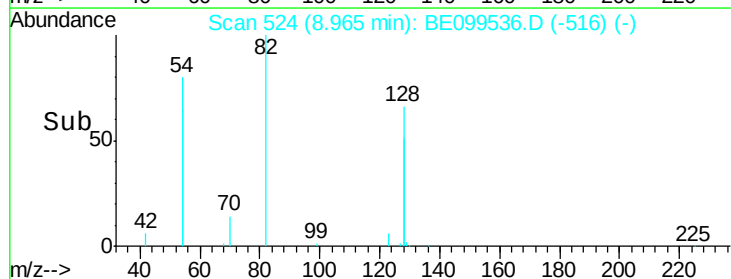
54 152.9 113.1 169.7

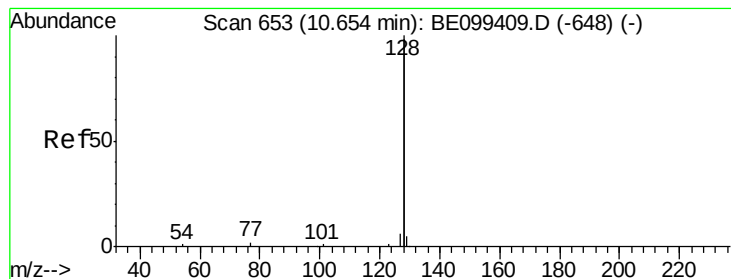


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.023 ng

RT: 10.65 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-001-B016-042519

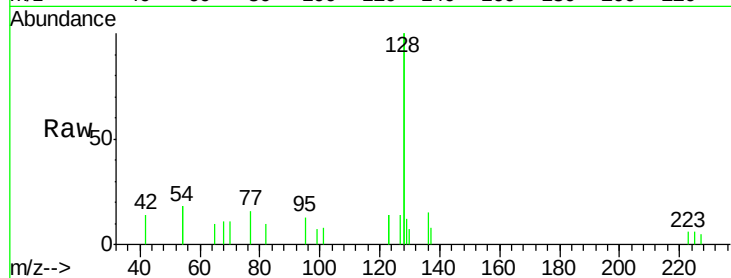
Tot Ion:128 Resp: 2514

Ion Ratio Lower Upper

128 100

129 5.8 2.4 3.6#

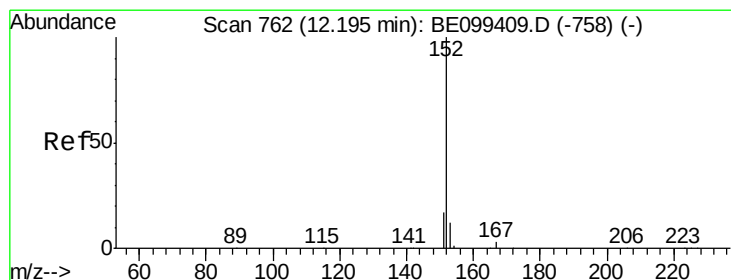
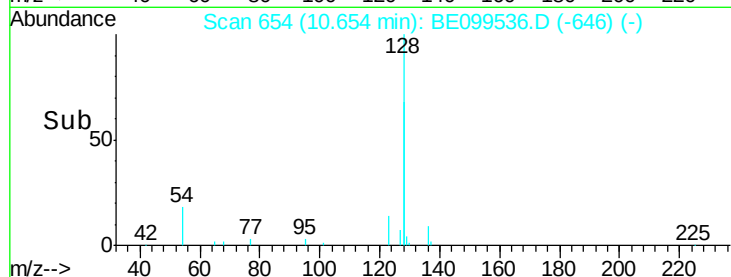
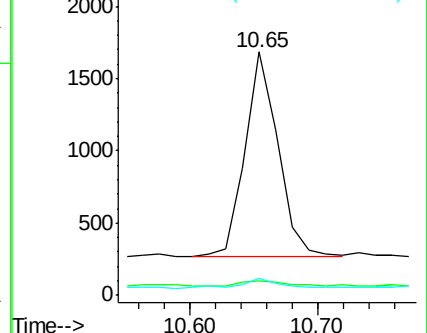
127 6.8 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.312 ng

RT: 12.21 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099536.D

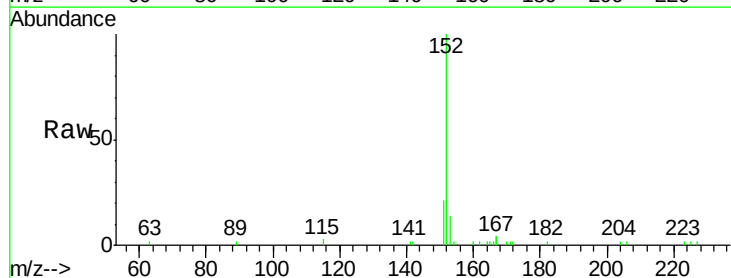
Acq: 3 May 2019 18:54

Tgt Ion:152 Resp: 5733

Ion Ratio Lower Upper

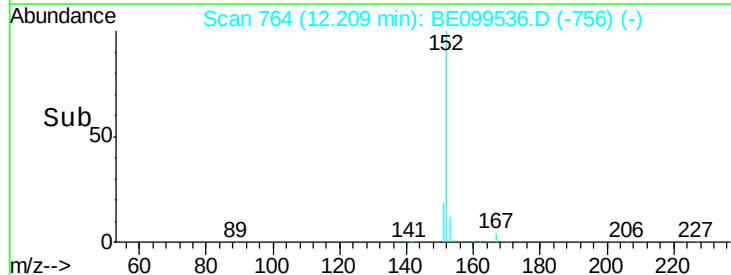
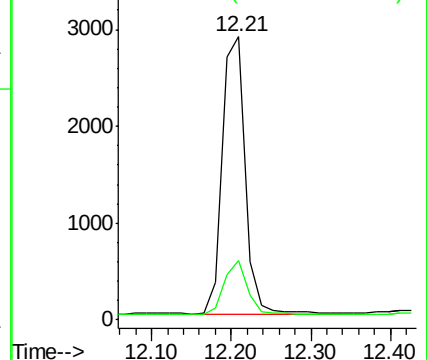
152 100

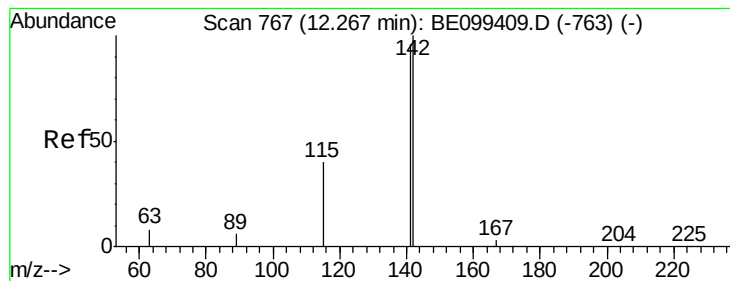
151 19.1 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.022 ng

RT: 12.28 min Scan# 769

Delta R.T. 0.01 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-001-B016-042519

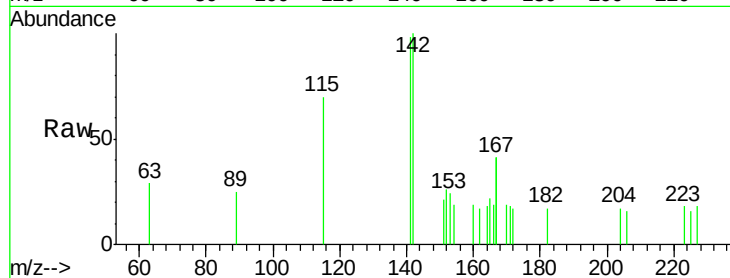
Tot Ion:142 Resp: 435

Ion Ratio Lower Upper

142 100

141 98.0 77.0 115.4

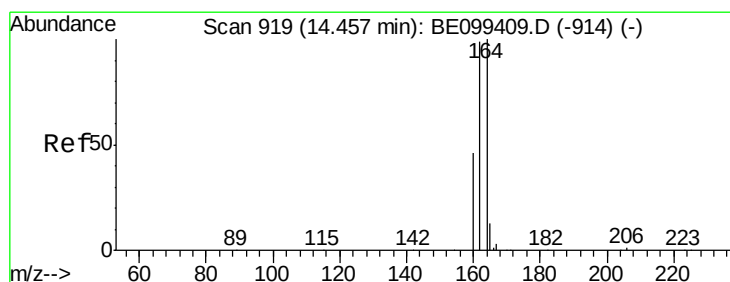
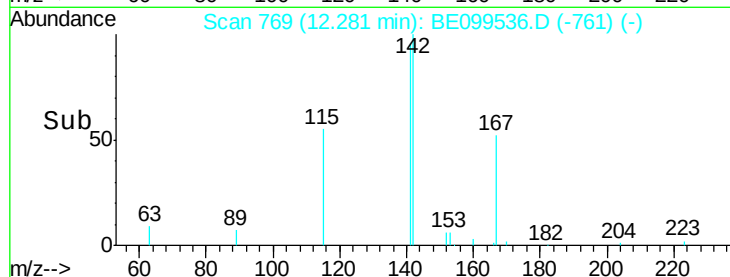
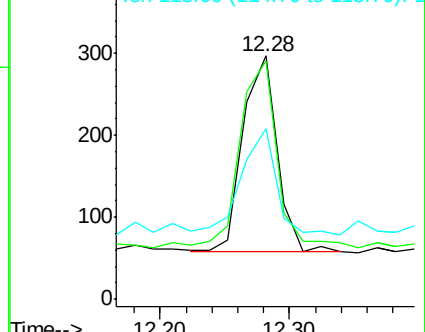
115 70.0 33.4 50.0#



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

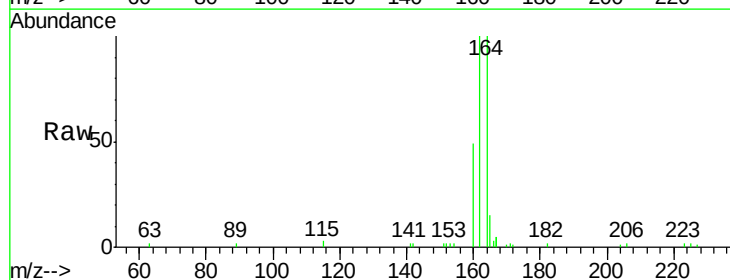
Tgt Ion:164 Resp: 8046

Ion Ratio Lower Upper

164 100

162 100.5 79.0 118.4

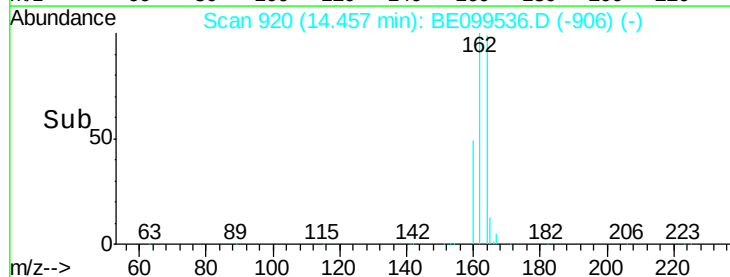
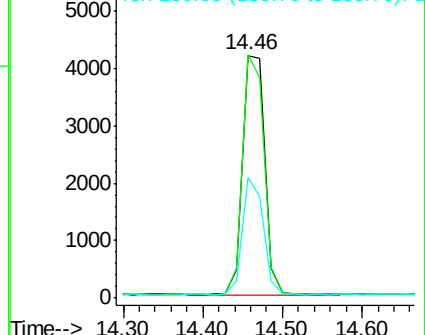
160 49.6 37.0 55.4

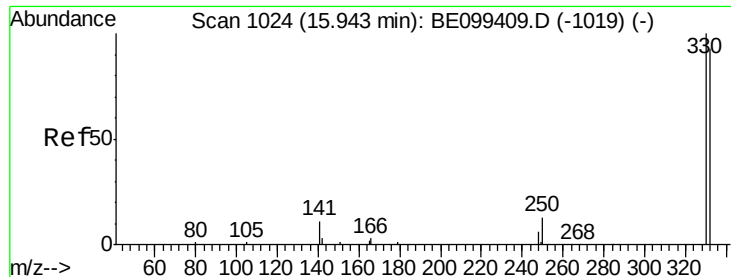


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.363 ng

RT: 15.94 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BE099536.D

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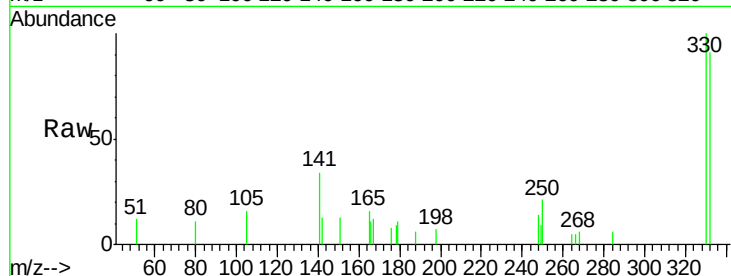
Tot Ion:330 Resp: 1842

Ion Ratio Lower Upper

330 100

332 92.0 71.5 107.3

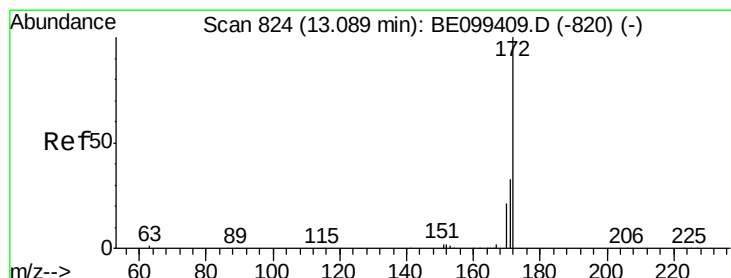
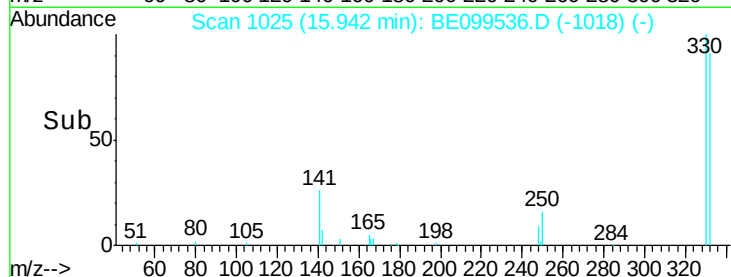
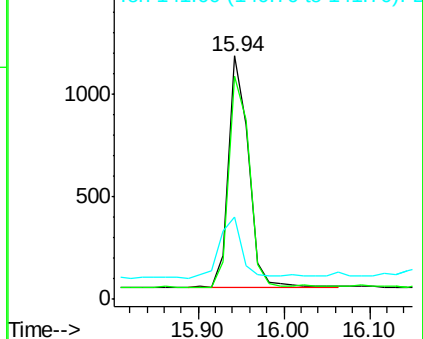
141 29.1 24.0 36.0



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: 0.290 ng

RT: 13.09 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

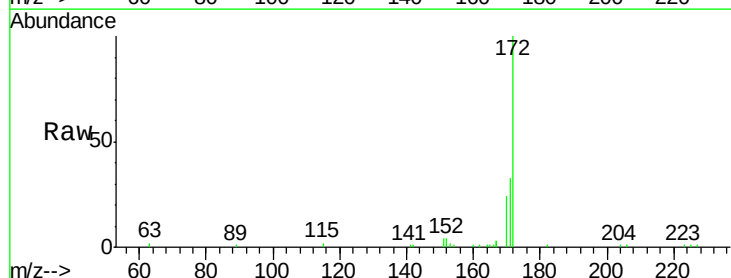
Tgt Ion:172 Resp: 8912

Ion Ratio Lower Upper

172 100

171 33.4 26.6 39.8

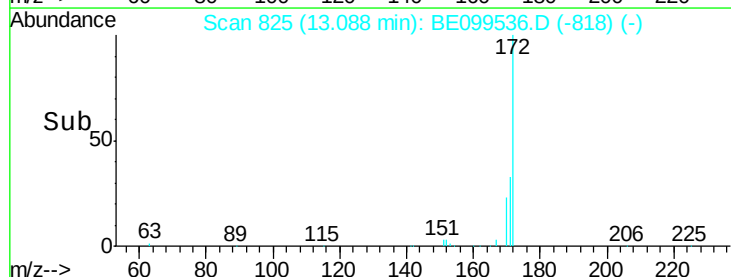
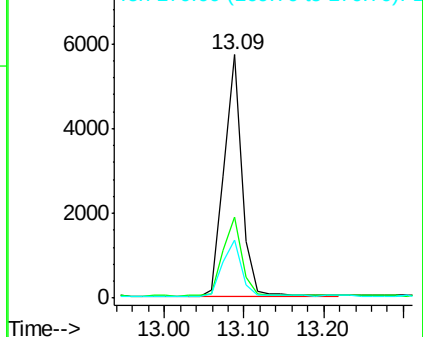
170 23.6 17.0 25.6

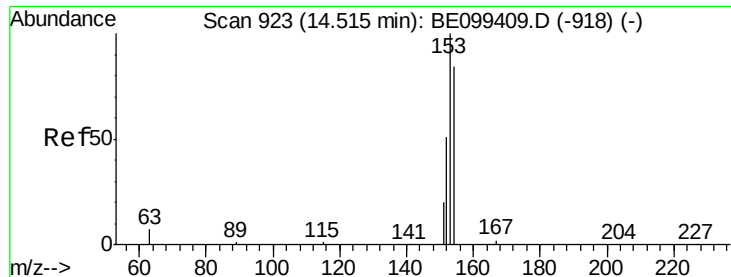


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

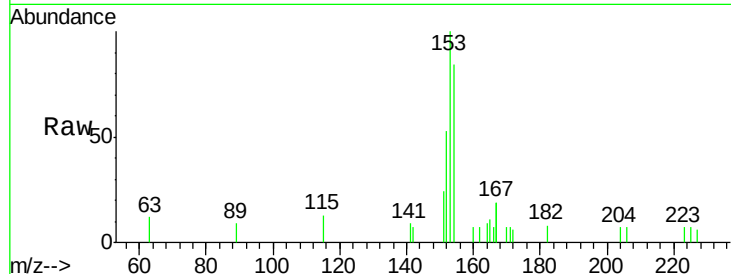




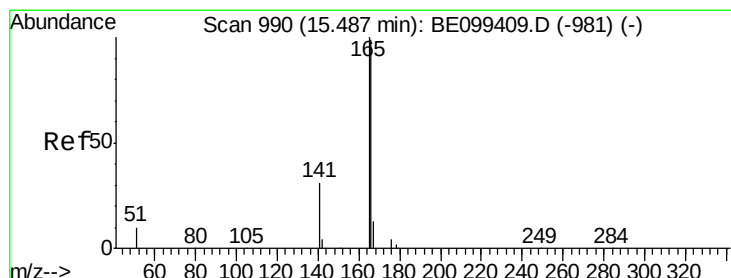
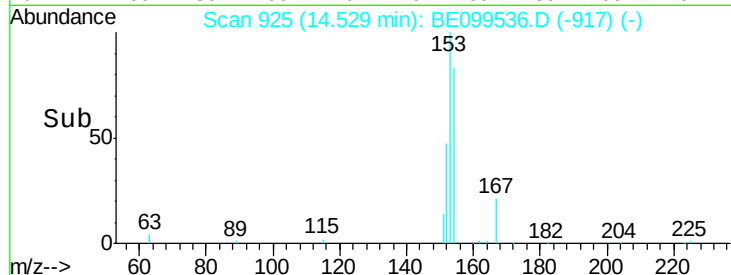
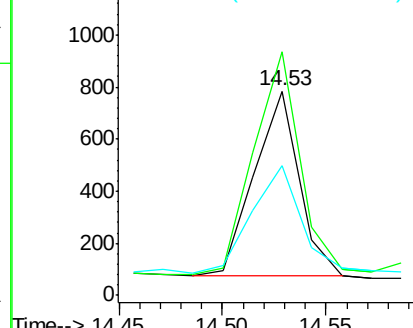
#17
Acenaphthene
Concen: 0.048 ng
RT: 14.53 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE099536.D
Acq: 3 May 2019 18:54

Instrument :
BNA_E
ClientSampleId :
PST-001-B016-042519

Tot Ion:154 Resp: 1084
Ion Ratio Lower Upper
154 100
153 123.6 92.6 138.8
152 63.2 45.8 68.8

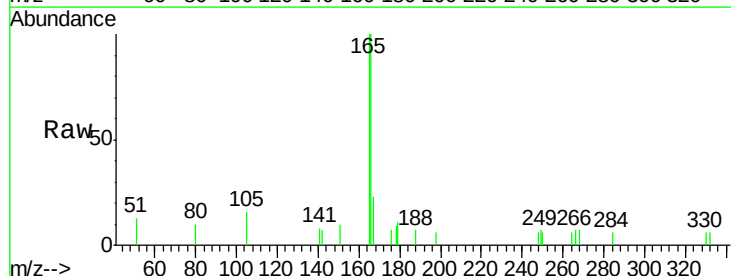


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

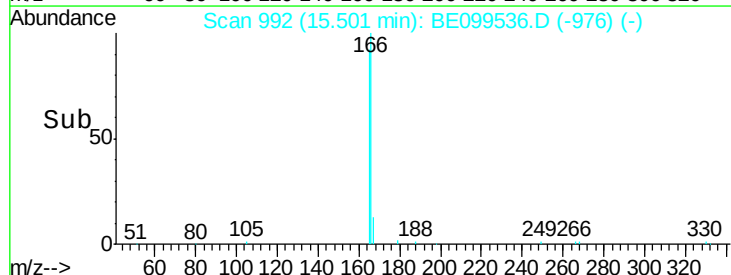
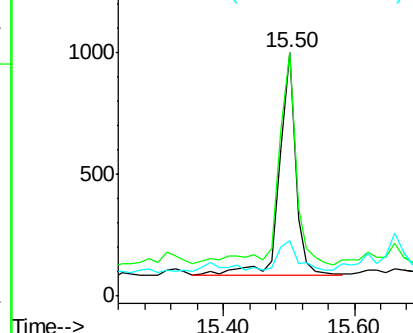


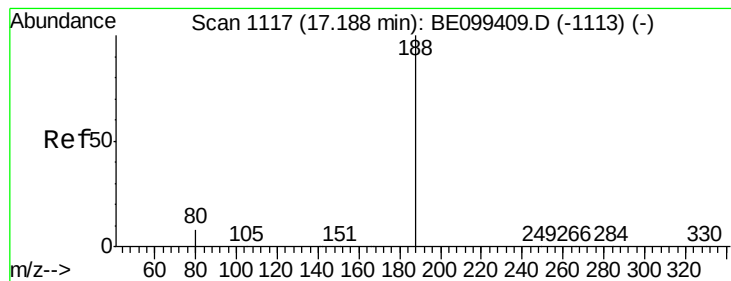
#18
Fluorene
Concen: 0.049 ng
RT: 15.50 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE099536.D
Acq: 3 May 2019 18:54

Tgt Ion:166 Resp: 1610
Ion Ratio Lower Upper
166 100
165 91.9 80.3 120.5
167 15.1 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: 17.20 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-001-B016-042519

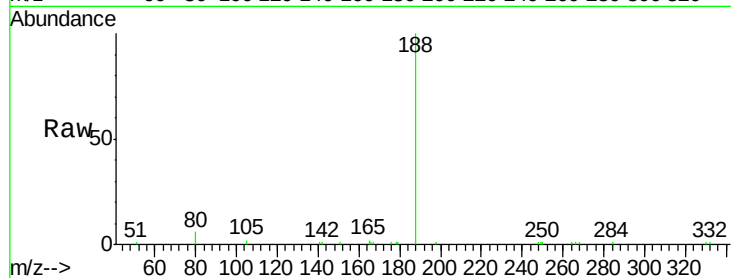
Tot Ion:188 Resp: 22075

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

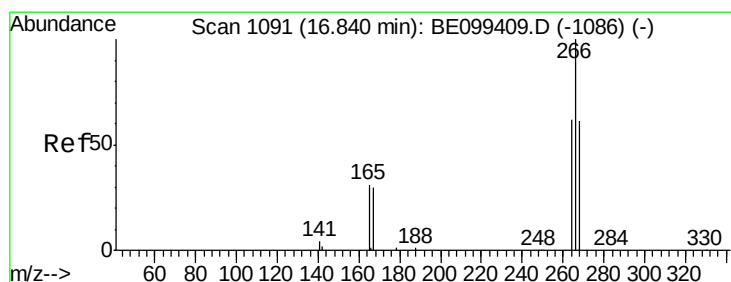
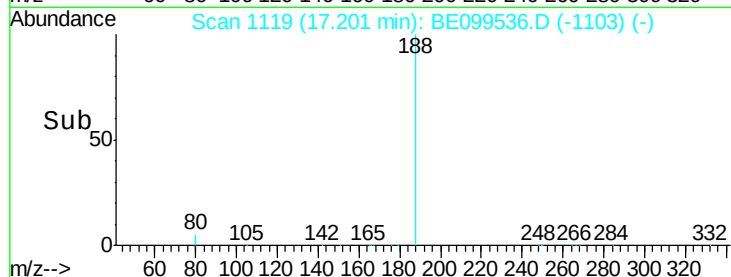
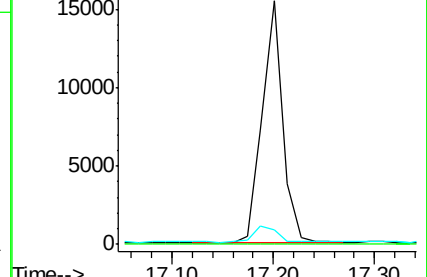
80 6.0 6.7 10.1#



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



#22

Pentachlorophenol

Concen: 0.218 ng

RT: 16.85 min Scan# 1093

Delta R.T. 0.01 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

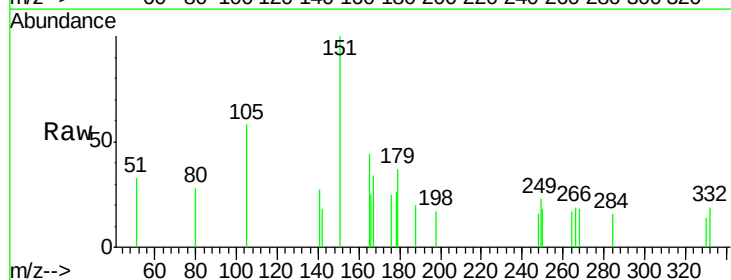
Tgt Ion:266 Resp: 16

Ion Ratio Lower Upper

266 100

264 91.7 50.8 76.2#

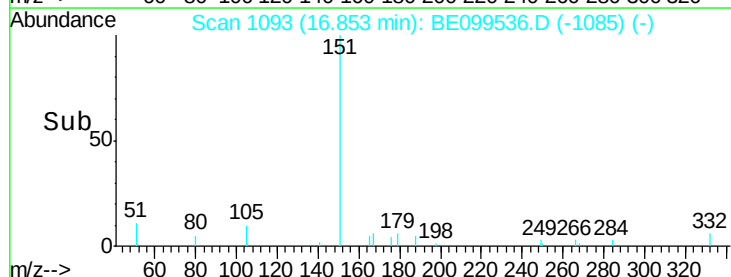
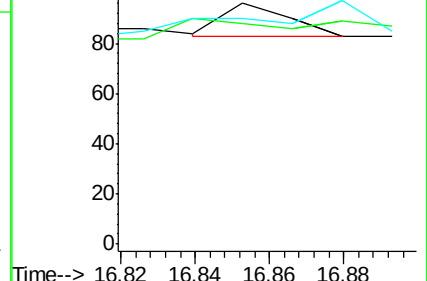
268 93.8 50.5 75.7#

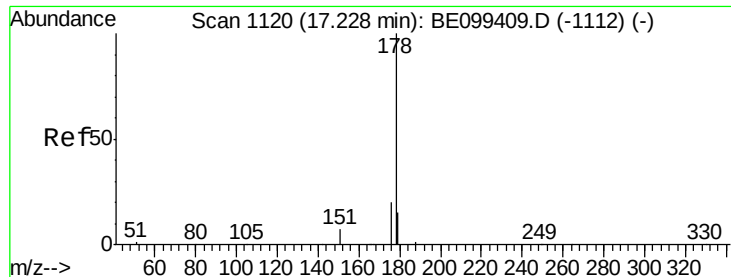


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.731 ng

RT: 17.24 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-001-B016-042519

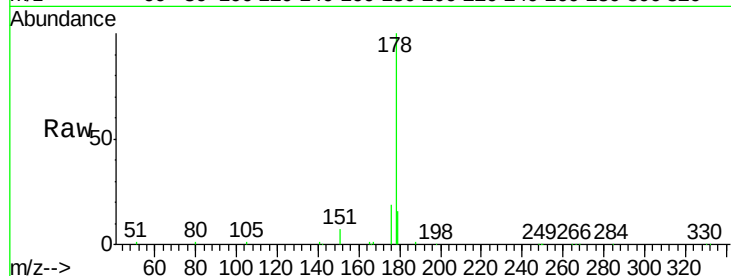
Tot Ion:178 Resp: 41652

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

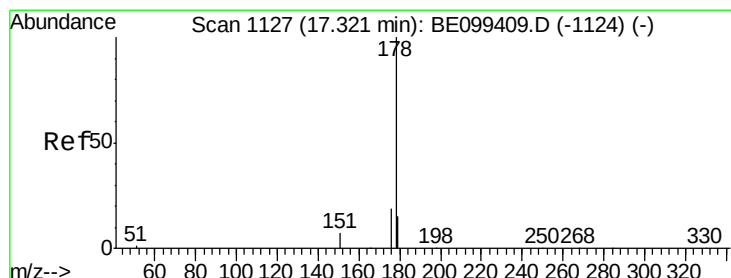
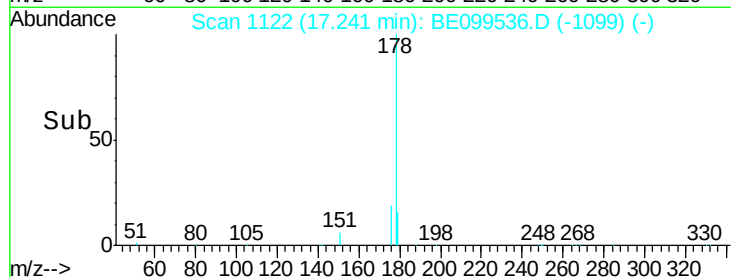
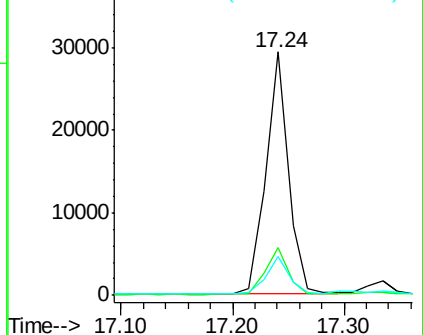
179 15.8 12.0 18.0



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: 0.042 ng

RT: 17.33 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

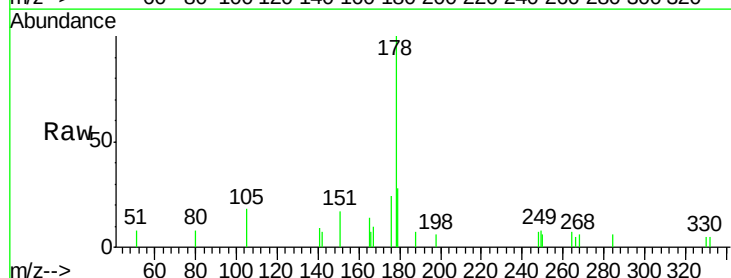
Tgt Ion:178 Resp: 2306

Ion Ratio Lower Upper

178 100

176 20.4 14.9 22.3

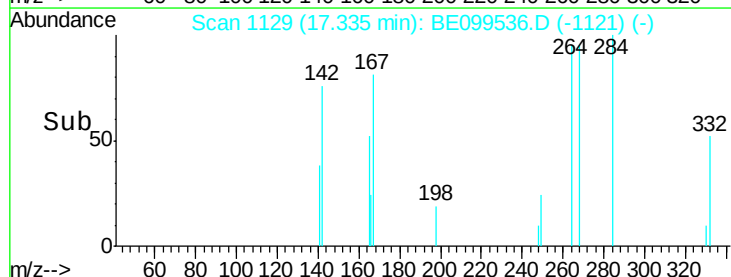
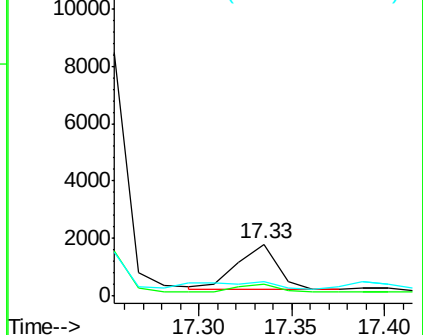
179 33.4 11.9 17.9#

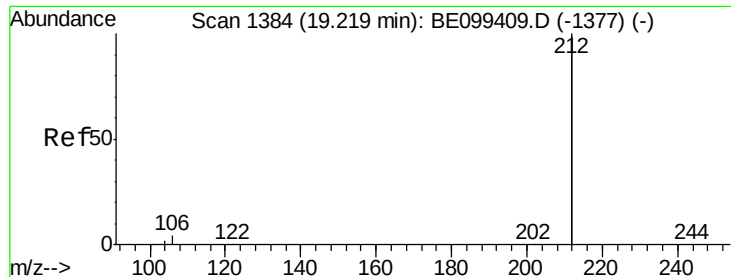


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.273 ng

RT: 19.23 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-001-B016-042519

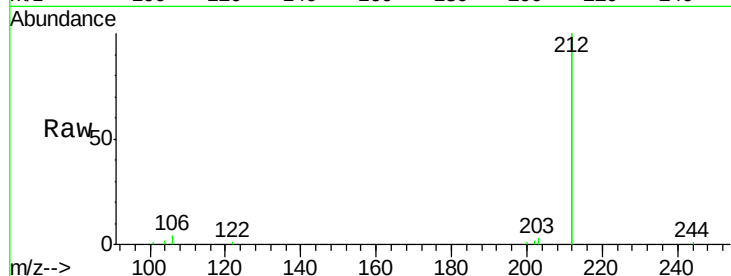
Tot Ion:212 Resp: 81285

Ion Ratio Lower Upper

212 100

106 1.8 1.5 2.3

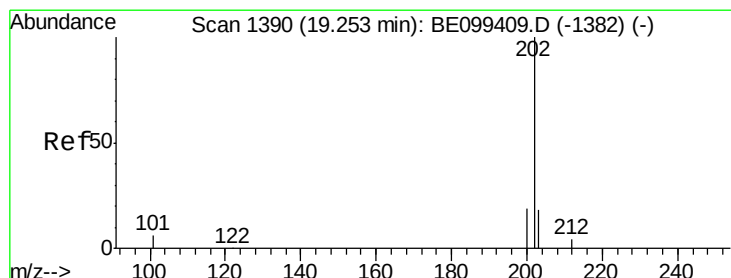
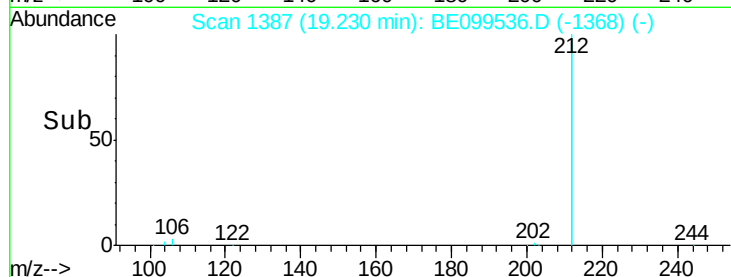
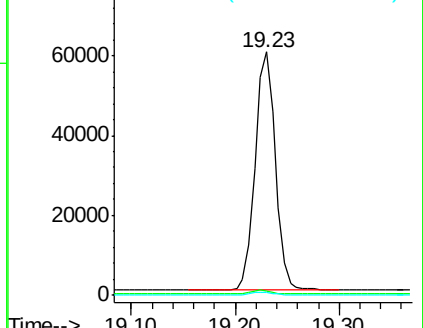
104 1.1 0.9 1.3



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: 0.665 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.01 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

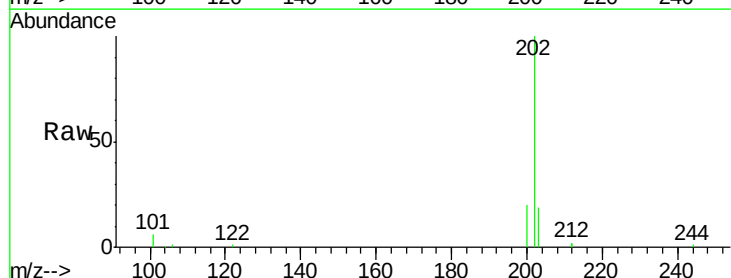
Tgt Ion:202 Resp: 56756

Ion Ratio Lower Upper

202 100

101 6.5 5.4 8.0

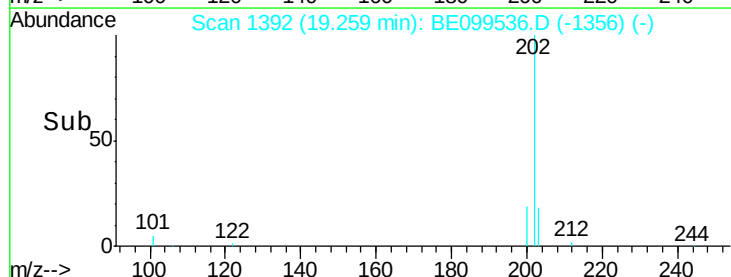
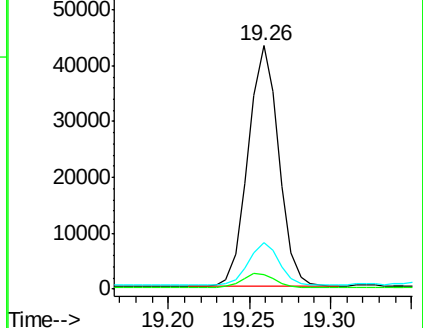
203 17.7 13.9 20.9

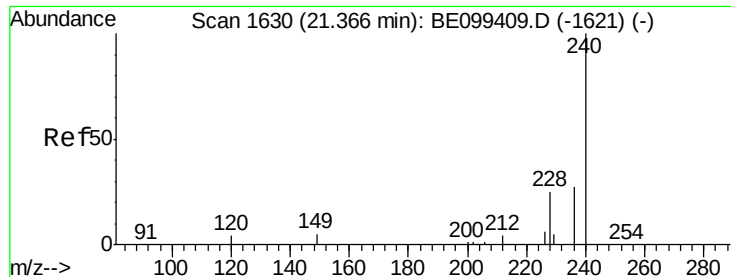


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

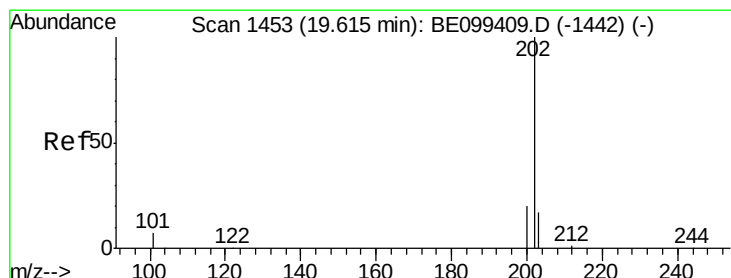
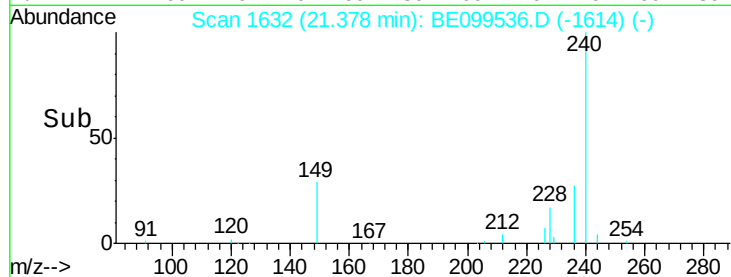
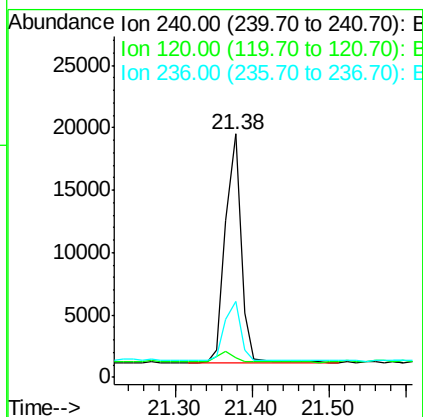
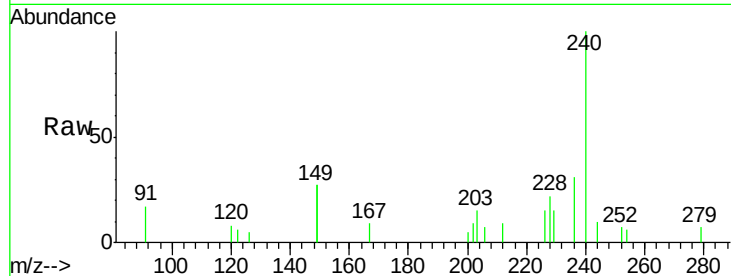




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: BE099536.D
 Acq: 3 May 2019 18:54

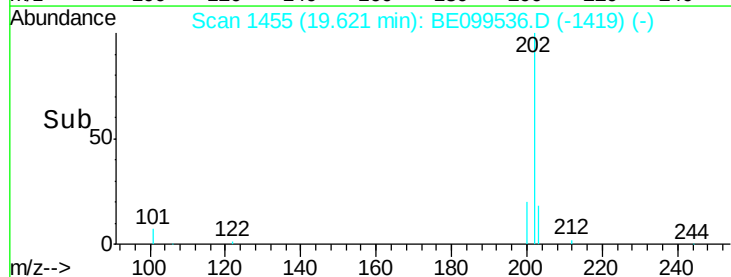
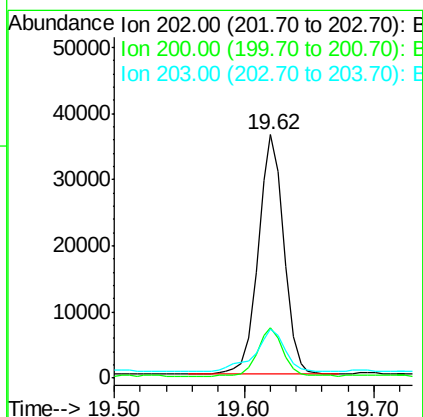
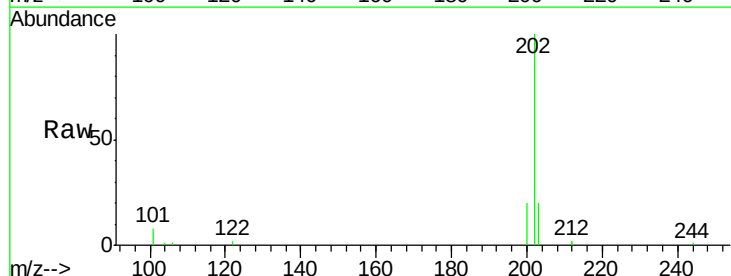
Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B016-042519

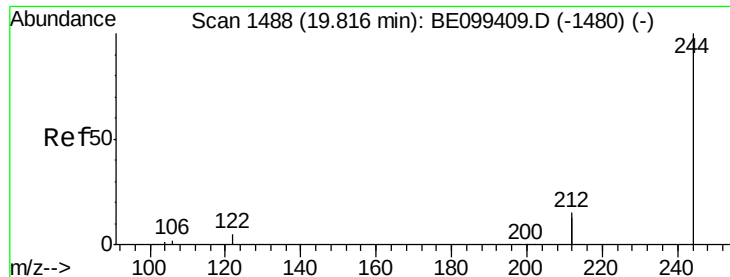
Tot Ion:240 Resp: 26097
 Ion Ratio Lower Upper
 240 100
 120 8.3 4.0 6.0#
 236 31.4 22.0 33.0



#28
 Pyrene
 Concen: 0.733 ng
 RT: 19.62 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BE099536.D
 Acq: 3 May 2019 18:54

Tgt Ion:202 Resp: 49868
 Ion Ratio Lower Upper
 202 100
 200 20.2 15.7 23.5
 203 20.8 13.9 20.9





#29

Terphenyl-d14

Concen: 0.349 ng

RT: 19.82 min Scan# 1490

Delta R.T. 0.01 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-001-B016-042519

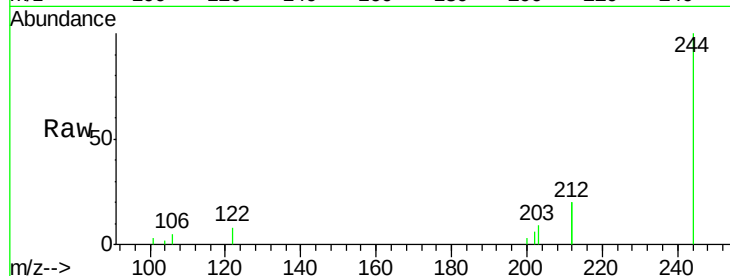
Tot Ion:244 Resp: 16697

Ion Ratio Lower Upper

244 100

212 39.8 23.2 34.8#

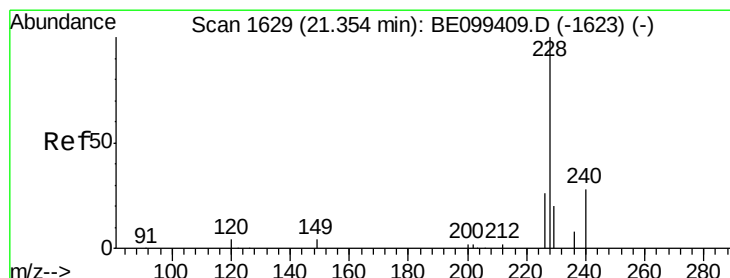
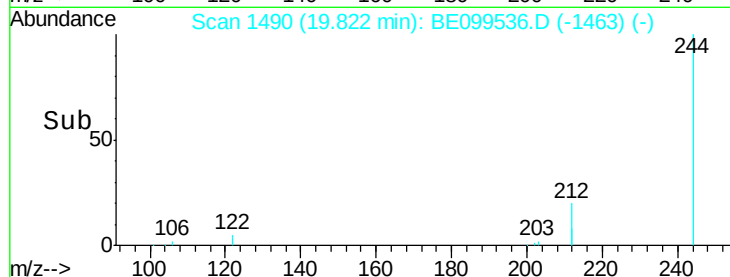
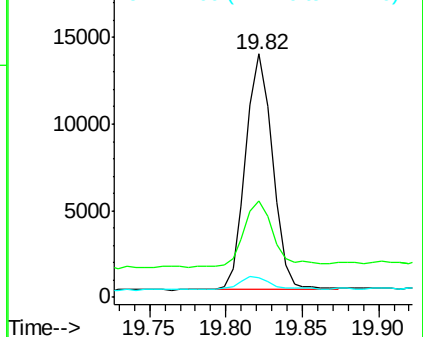
122 8.0 4.2 6.4#



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: 0.281 ng

RT: 21.35 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

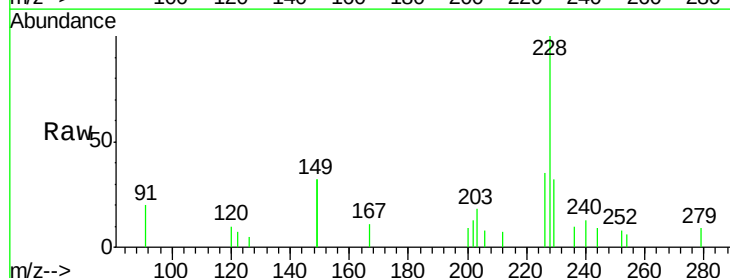
Tgt Ion:228 Resp: 23357

Ion Ratio Lower Upper

228 100

226 34.9 21.0 31.6#

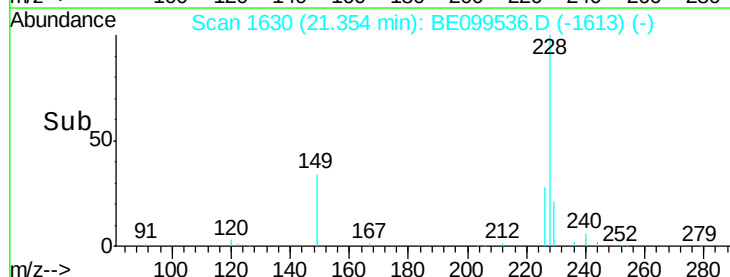
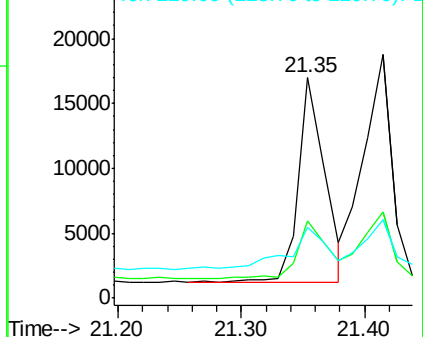
229 32.4 16.6 25.0#

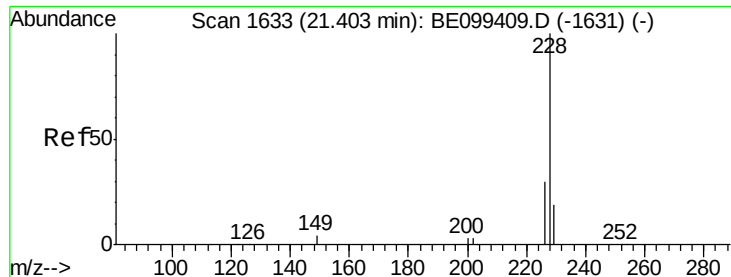


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.348 ng

RT: 21.41 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-001-B016-042519

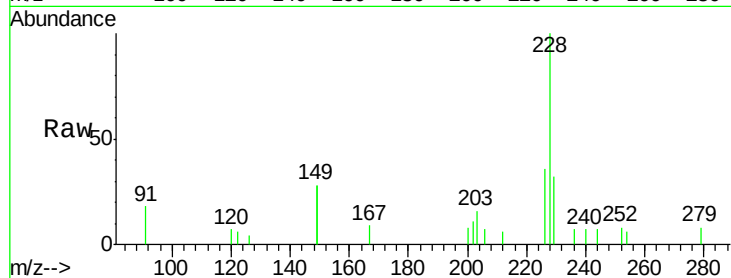
Tot Ion:228 Resp: 28338

Ion Ratio Lower Upper

228 100

226 35.6 24.0 36.0

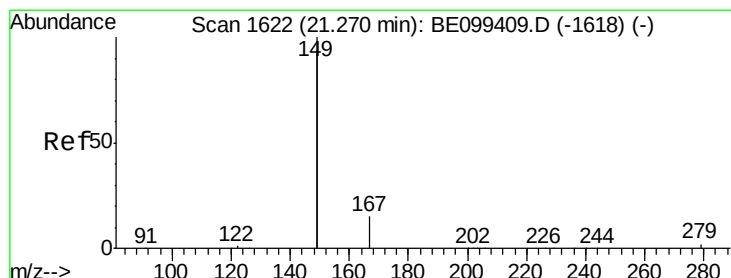
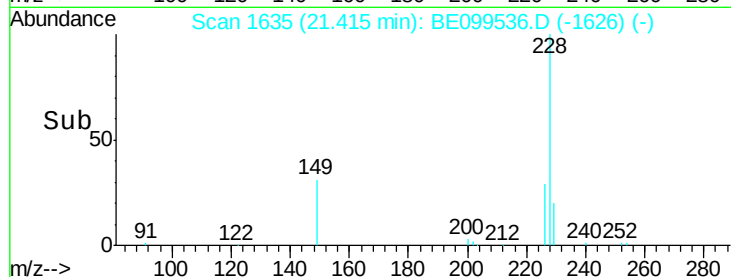
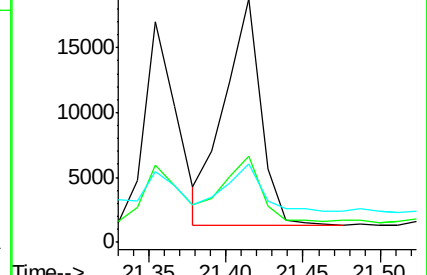
229 32.0 15.8 23.8#



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: 0.024 ng

RT: 21.27 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

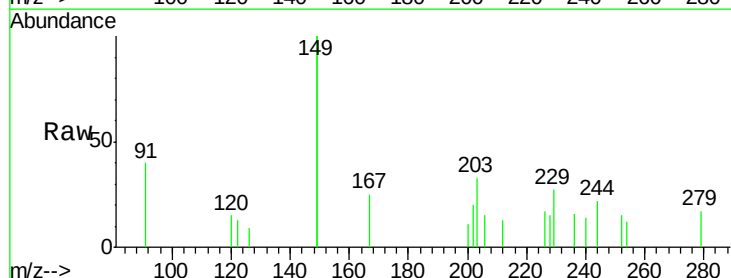
Tgt Ion:149 Resp: 11255

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.6

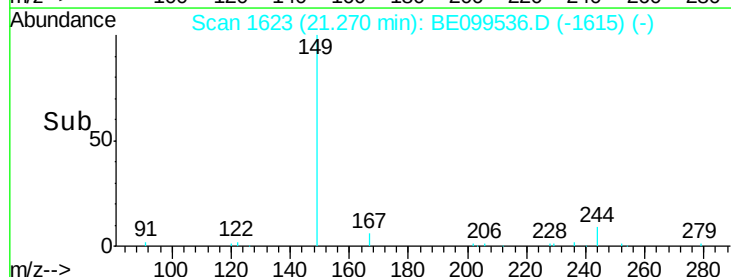
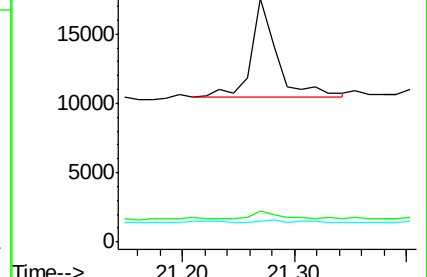
279 3.4 1.0 1.6#

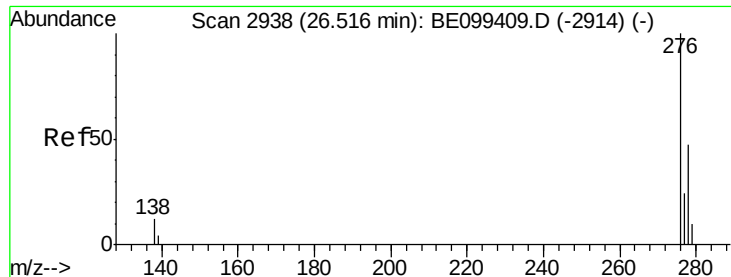


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.178 ng

RT: 26.55 min Scan# 2948

Delta R.T. 0.03 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-001-B016-042519

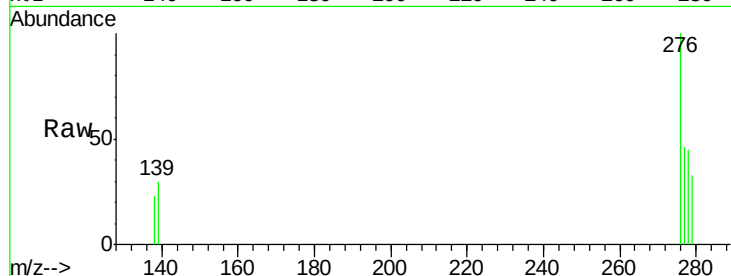
Tot Ion:276 Resp: 17159

Ion Ratio Lower Upper

276 100

138 9.7 10.2 15.2#

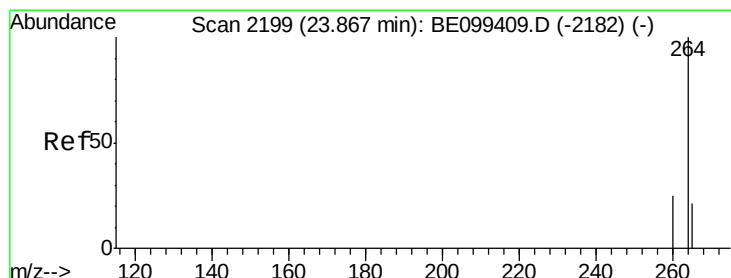
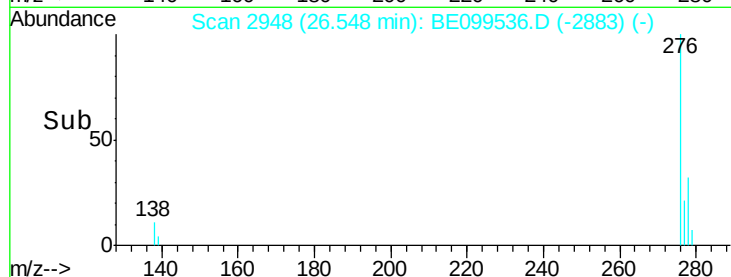
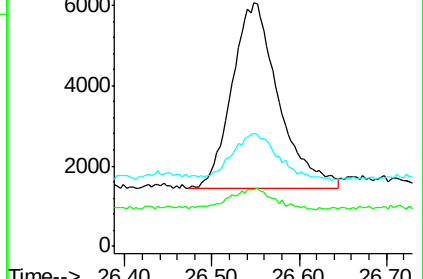
277 24.0 19.2 28.8



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: 23.88 min Scan# 2205

Delta R.T. 0.02 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

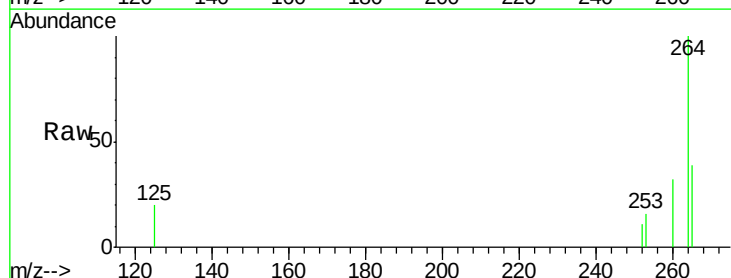
Tgt Ion:264 Resp: 31084

Ion Ratio Lower Upper

264 100

260 32.0 20.2 30.2#

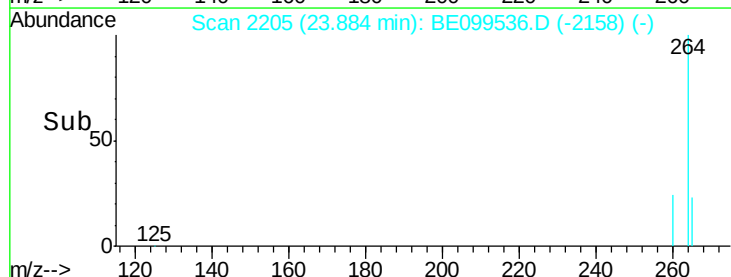
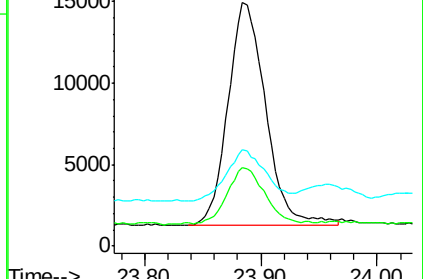
265 39.4 21.3 31.9#

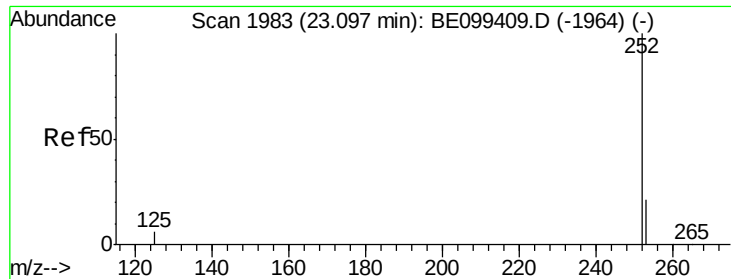


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.407 ng

RT: 23.11 min Scan# 1989

Delta R.T. 0.02 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-001-B016-042519

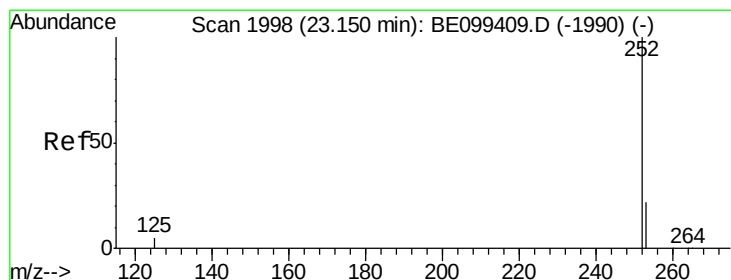
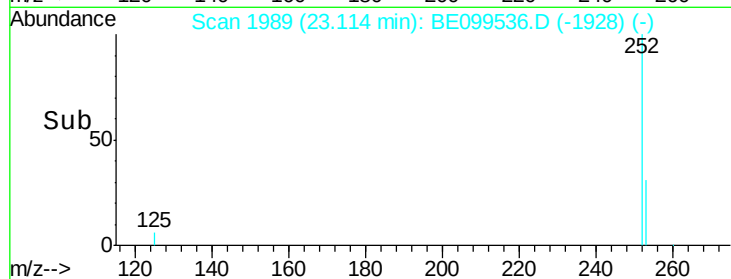
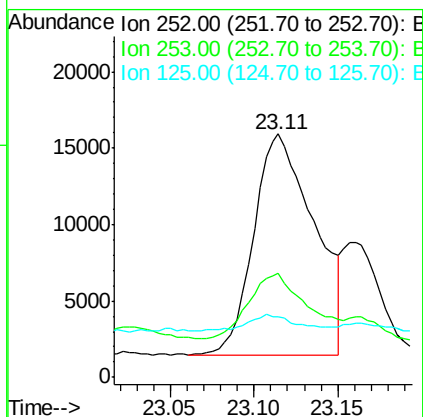
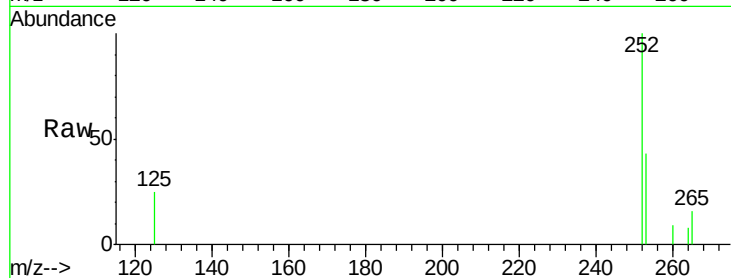
Tot Ion:252 Resp: 36456

Ion Ratio Lower Upper

252 100

253 42.5 18.1 27.1#

125 25.0 5.6 8.4#



#36

Benzo(k)fluoranthene

Concen: 0.422 ng

RT: 23.11 min Scan# 1989

Delta R.T. -0.04 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

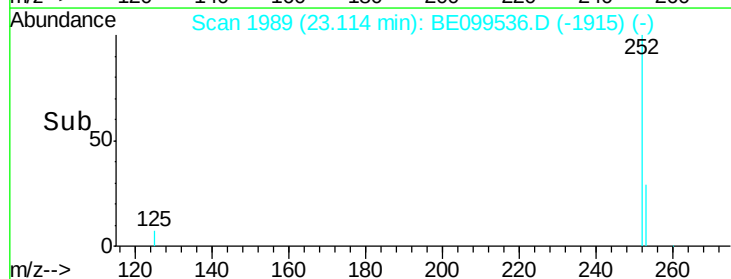
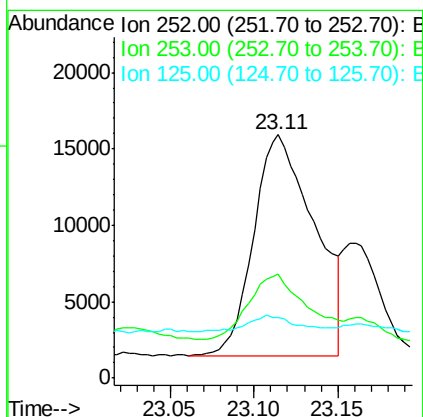
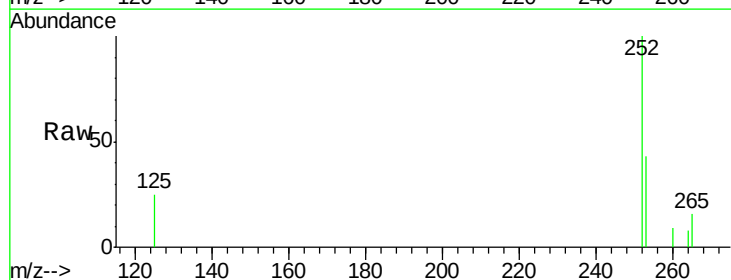
Tgt Ion:252 Resp: 36456

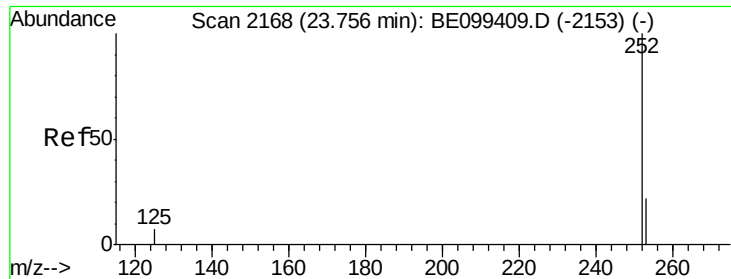
Ion Ratio Lower Upper

252 100

253 42.5 18.4 27.6#

125 25.0 5.0 7.4#





#37

Benzo(a)pyrene

Concen: 0.266 ng

RT: 23.77 min Scan# 2174

Delta R.T. 0.02 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-001-B016-042519

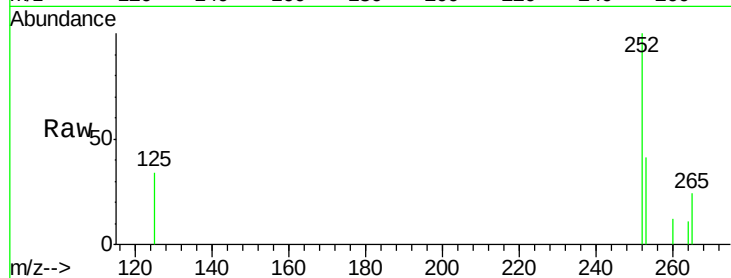
Tot Ion:252 Resp: 22512

Ion Ratio Lower Upper

252 100

253 40.5 18.9 28.3#

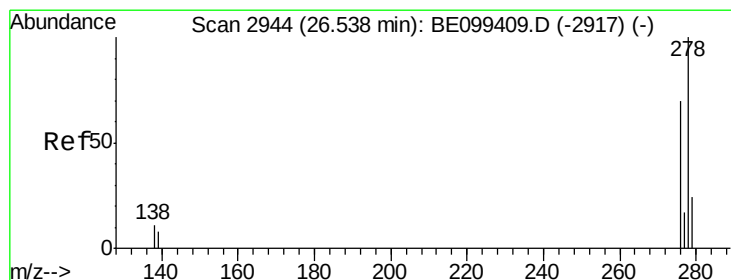
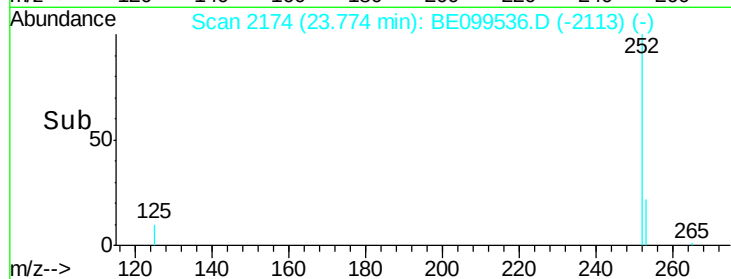
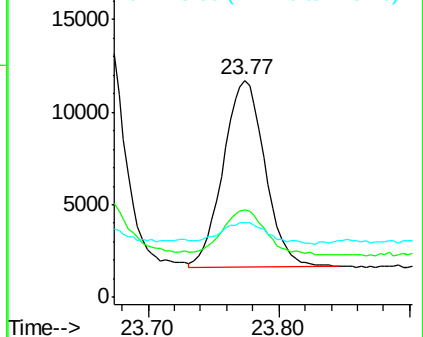
125 34.3 6.7 10.1#



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: 0.078 ng

RT: 26.56 min Scan# 2951

Delta R.T. 0.02 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

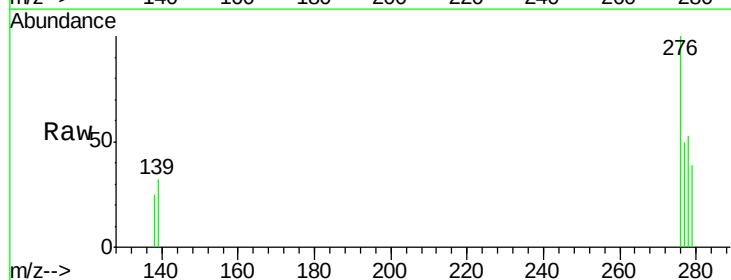
Tgt Ion:278 Resp: 6756

Ion Ratio Lower Upper

278 100

139 61.2 7.7 11.5#

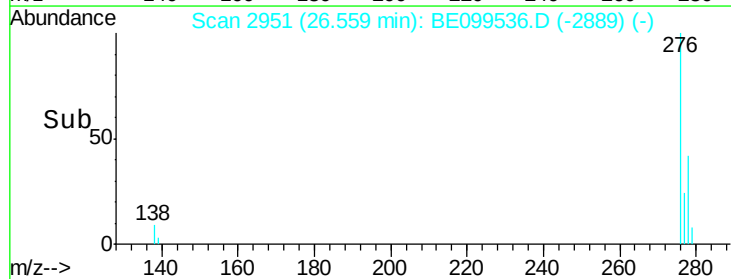
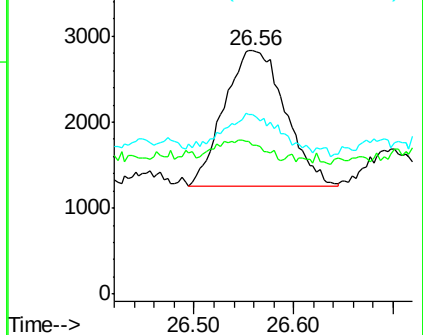
279 73.5 20.2 30.2#

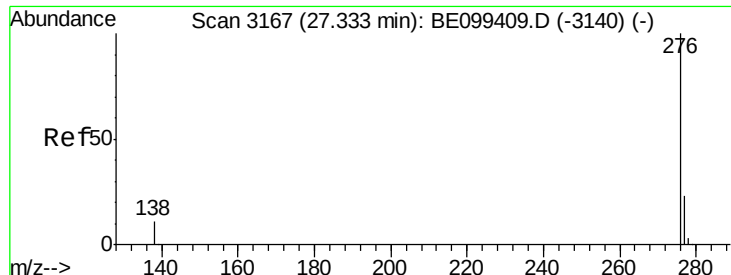


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.258 ng

RT: 27.37 min Scan# 3179

Delta R.T. 0.04 min

Lab File: BE099536.D

Acq: 3 May 2019 18:54

Instrument :

BNA_E

ClientSampleId :

PST-001-B016-042519

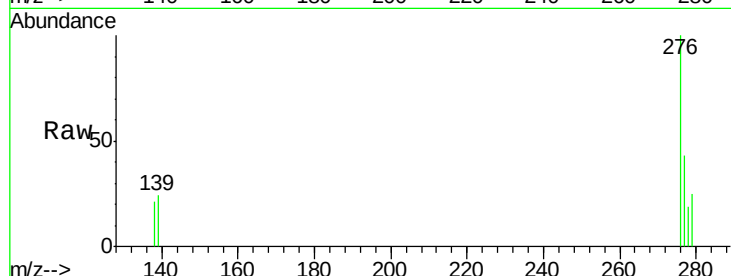
Tot Ion: 276 Resp: 22445

Ion Ratio Lower Upper

276 100

277 43.5 19.5 29.3#

138 21.4 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

