

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050319\
 Data File : BE099540.D
 Acq On : 3 May 2019 21:18
 Operator : JU/SJ
 Sample : K2587-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-003-B176-042319

Quant Time: May 03 23:37:43 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	2457	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	9563	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	7512	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	21728	0.40	ng	0.01
27) Chrysene-d12	21.38	240	25185	0.40	ng	0.01
34) Perylene-d12	23.89	264	29434	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2574	0.38	ng	0.00
5) Phenol-d6	6.98	99	3807	0.42	ng	0.00
8) Nitrobenzene-d5	8.96	82	3252	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	5978	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1985	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	9153	0.32	ng	0.00
25) Fluoranthene-d10	19.23	212	84523	0.29	ng	0.01
29) Terphenyl-d14	19.82	244	17042	0.37	ng	0.00

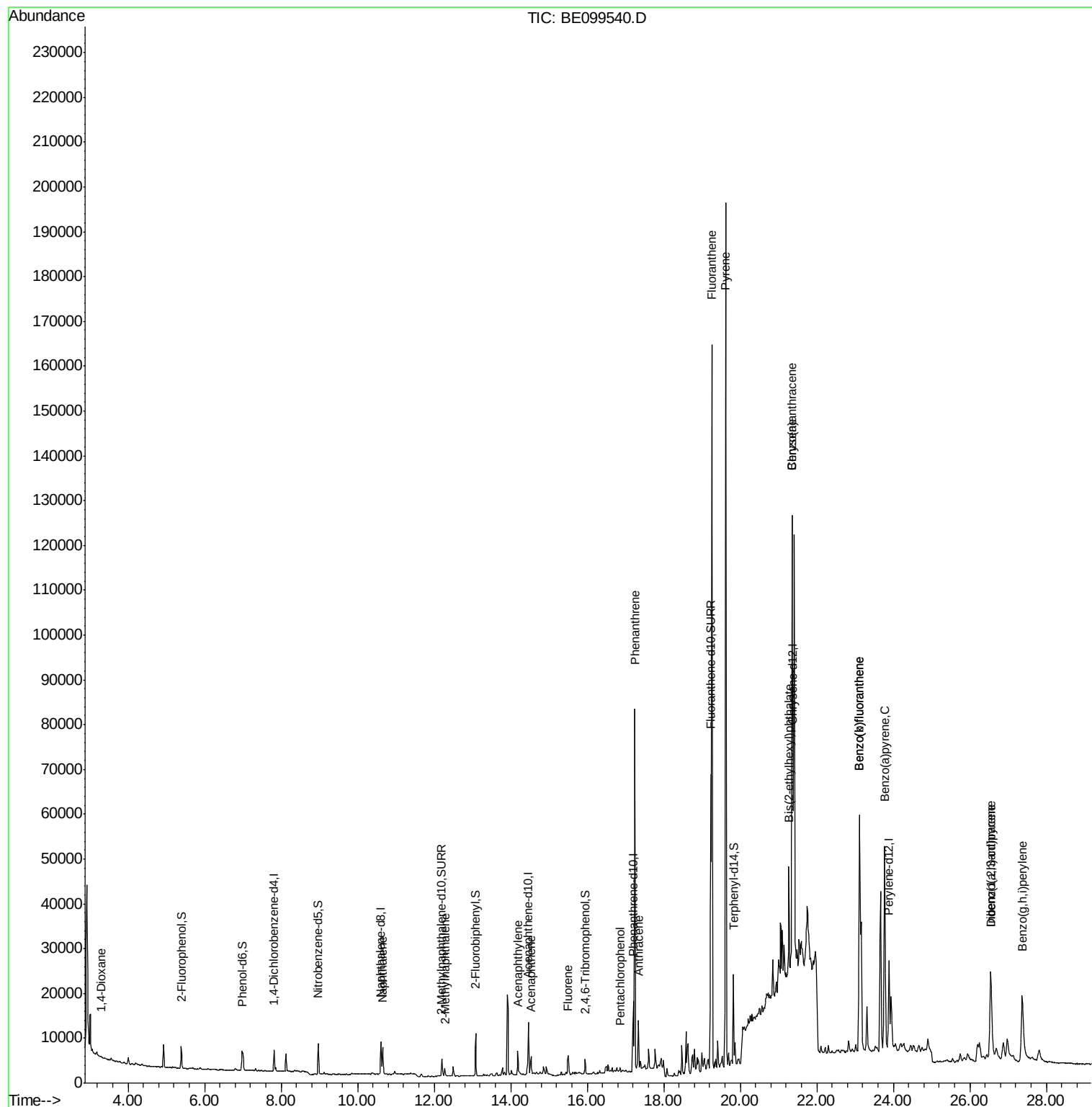
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	191	0.057	ng	# 27
9) Naphthalene	10.65	128	9346	0.090	ng	# 98
12) 2-Methylnaphthalene	12.28	142	1317	0.073	ng	95
16) Acenaphthylene	14.18	152	7447	0.203	ng	96
17) Acenaphthene	14.53	154	2043	0.097	ng	99
18) Fluorene	15.50	166	4097	0.132	ng	95
22) Pentachlorophenol	16.87	266	26	0.220	ng	# 64
23) Phenanthrene	17.24	178	82673	1.475	ng	99
24) Anthracene	17.33	178	13136	0.246	ng	96
26) Fluoranthene	19.26	202	143478	1.708	ng	99
28) Pyrene	19.62	202	171740	2.616	ng	96
30) Benzo(a)anthracene	21.35	228	90696	1.130	ng	95
31) Chrysene	21.35	228	56124	0.715	ng	97
32) Bis(2-ethylhexyl)phthalate	21.27	149	24230	0.142	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.55	276	46101	0.497	ng	# 94
35) Benzo(b)fluoranthene	23.11	252	104690	1.233	ng	# 95
36) Benzo(k)fluoranthene	23.11	252	104690	1.279	ng	# 95
37) Benzo(a)pyrene	23.77	252	80193	0.999	ng	97
38) Dibenzo(a,h)anthracene	26.56	278	11511	0.140	ng	# 56
39) Benzo(g,h,i)perylene	27.37	276	46445	0.565	ng	# 92

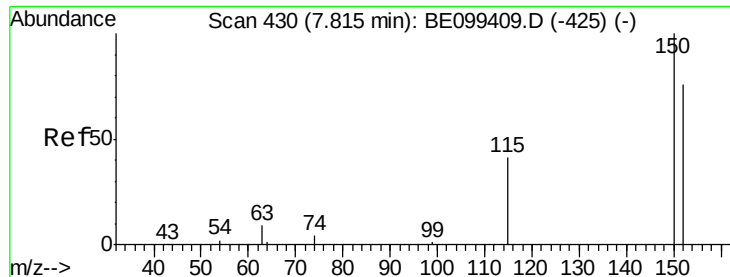
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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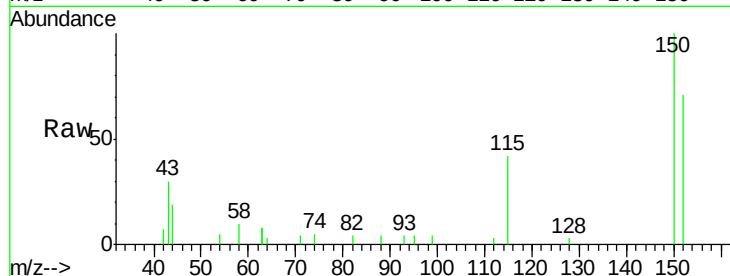


#1

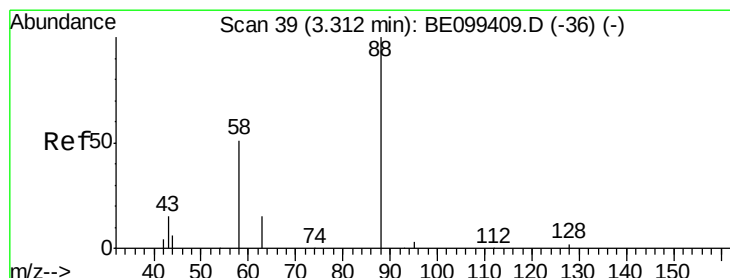
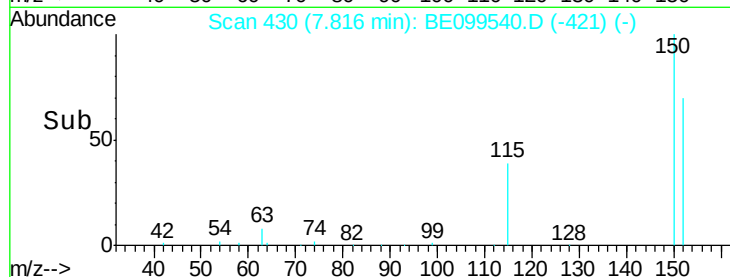
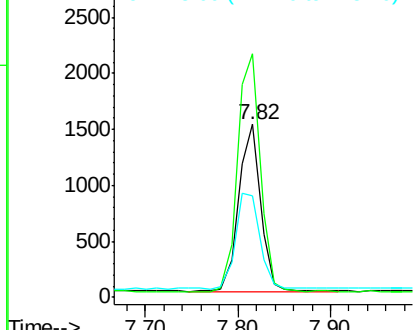
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099540.D
Acq: 3 May 2019 21:18

Instrument :
BNA_E
ClientSampleId :
PST-003-B176-042319

Tot Ion:152 Resp: 2457
Ion Ratio Lower Upper
152 100
150 140.6 104.8 157.2
115 58.8 46.6 69.8



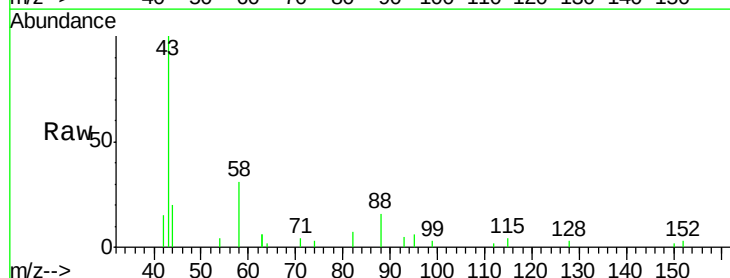
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



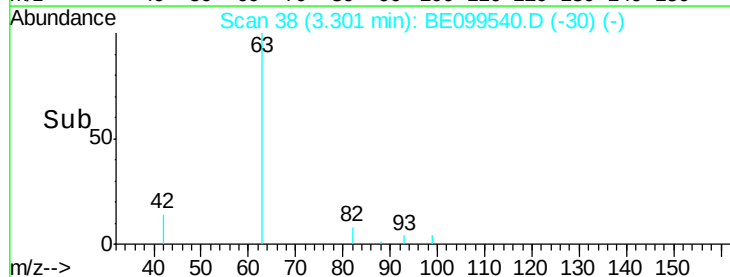
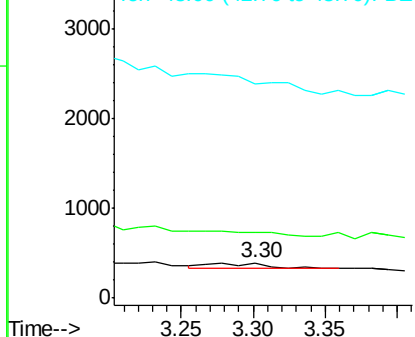
#2

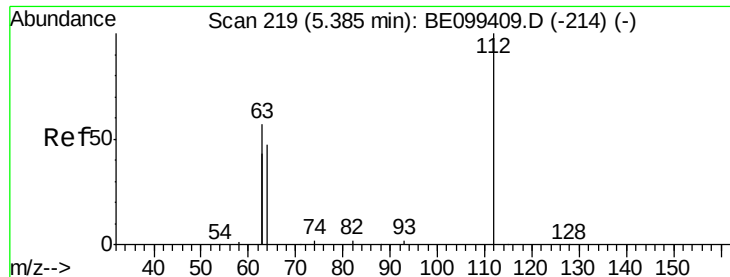
1,4-Dioxane
Concen: 0.057 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE099540.D
Acq: 3 May 2019 21:18

Tgt Ion: 88 Resp: 191
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: 0.379 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

Instrument :

BNA_E

ClientSampleId :

PST-003-B176-042319

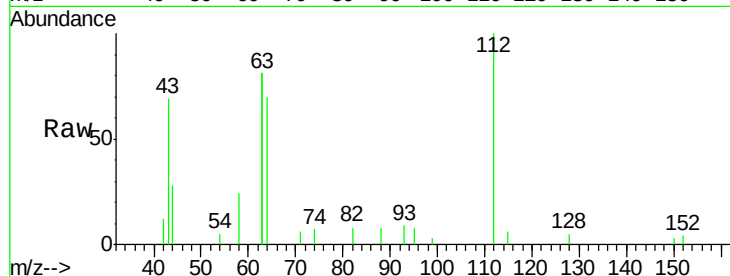
Tot Ion:112 Resp: 2574

Ion Ratio Lower Upper

112 100

64 59.9 47.4 71.0

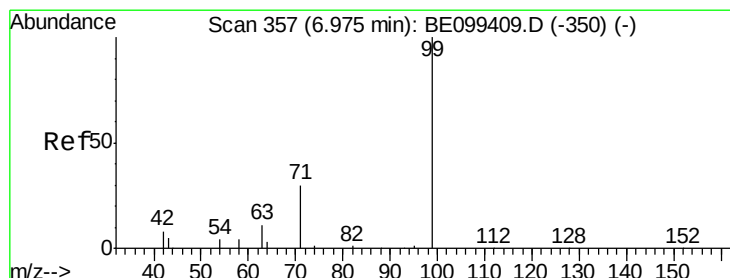
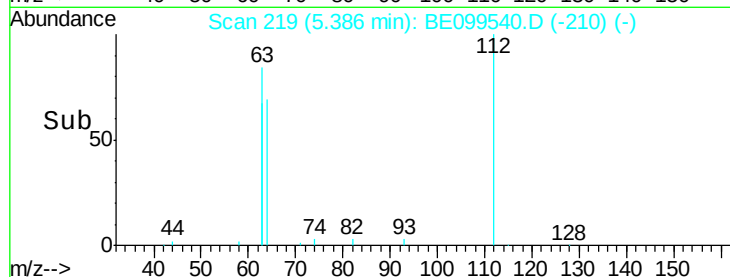
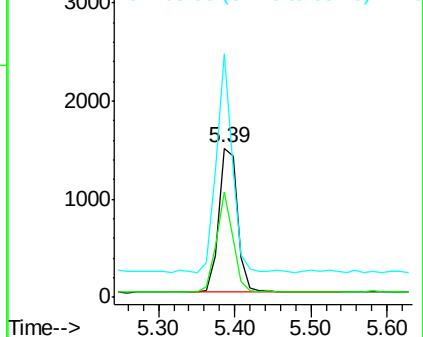
63 124.6 104.3 156.5



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: 0.421 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

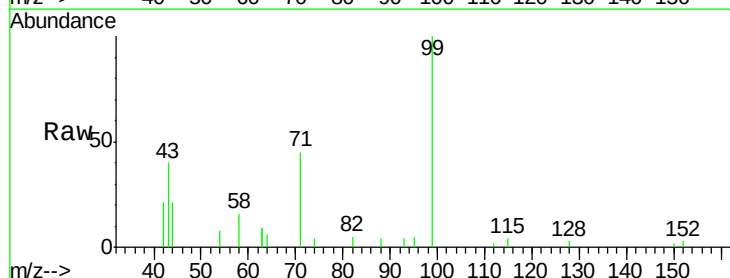
Tgt Ion: 99 Resp: 3807

Ion Ratio Lower Upper

99 100

42 17.9 14.9 22.3

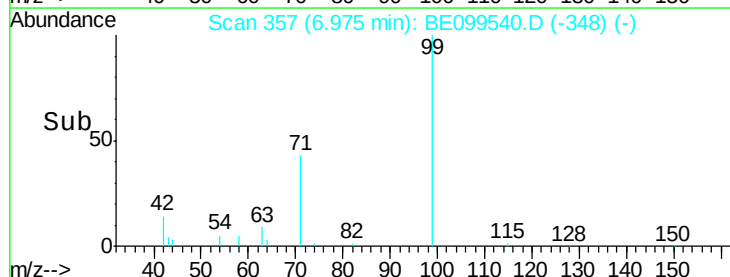
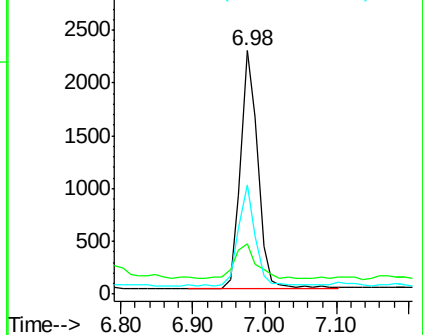
71 41.4 33.0 49.6

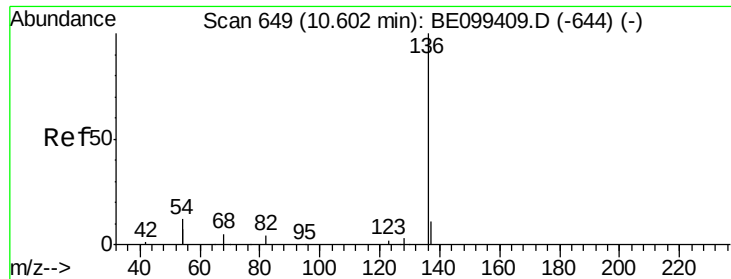


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

Instrument :

BNA_E

ClientSampleId :

PST-003-B176-042319

Tot Ion:136 Resp: 9563

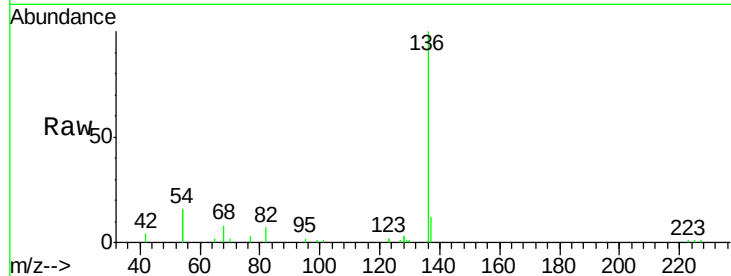
Ion Ratio Lower Upper

136 100

137 11.5 9.8 14.8

54 32.4 18.5 27.7#

68 8.1 4.7 7.1#

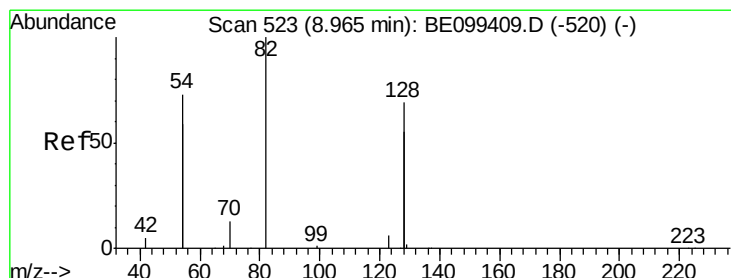
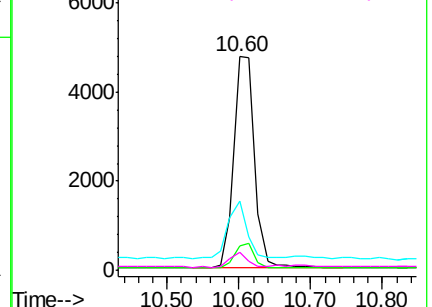
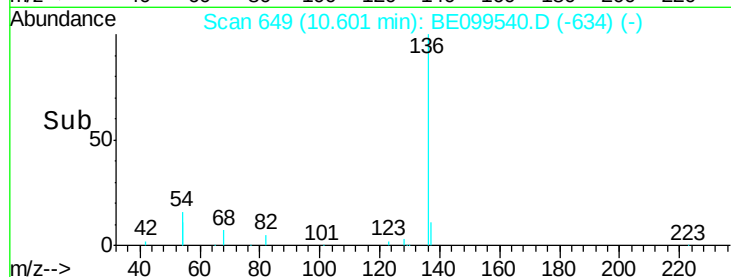


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.363 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

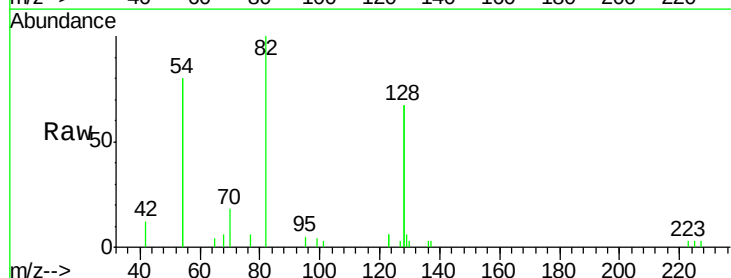
Tgt Ion: 82 Resp: 3252

Ion Ratio Lower Upper

82 100

128 133.3 107.0 160.4

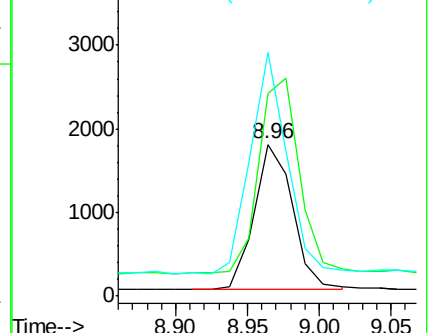
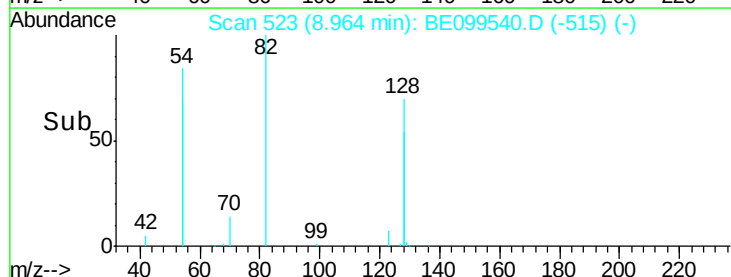
54 160.4 113.1 169.7

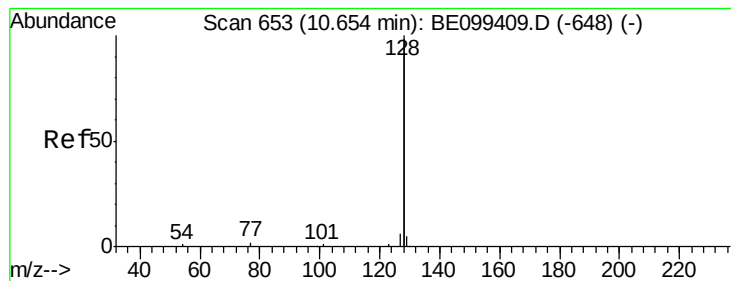


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.090 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

Instrument :

BNA_E

ClientSampleId :

PST-003-B176-042319

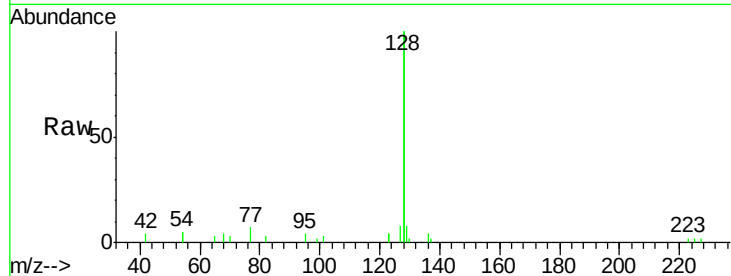
Tot Ion:128 Resp: 9346

Ion Ratio Lower Upper

128 100

129 3.9 2.4 3.6#

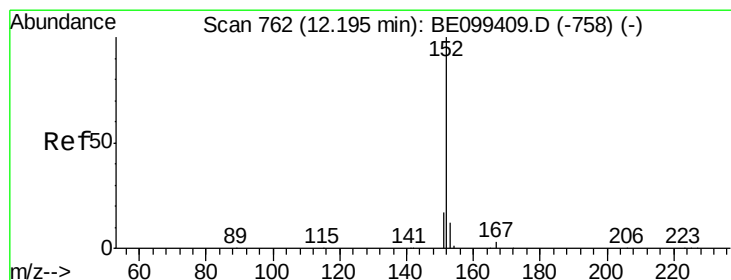
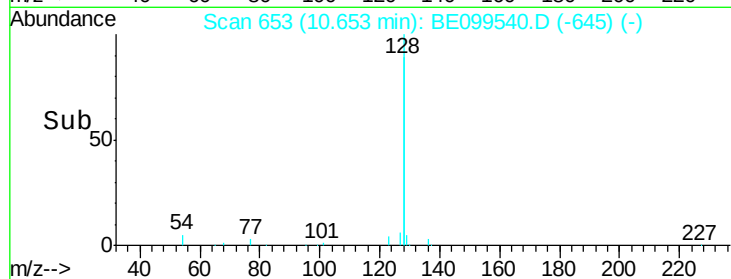
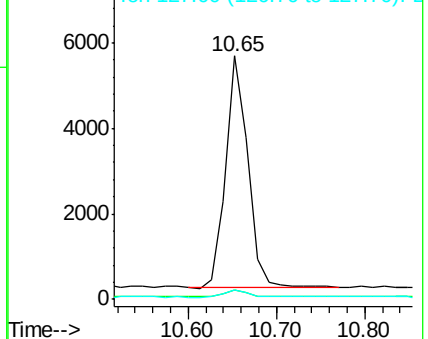
127 4.1 2.8 4.2



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: 0.347 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099540.D

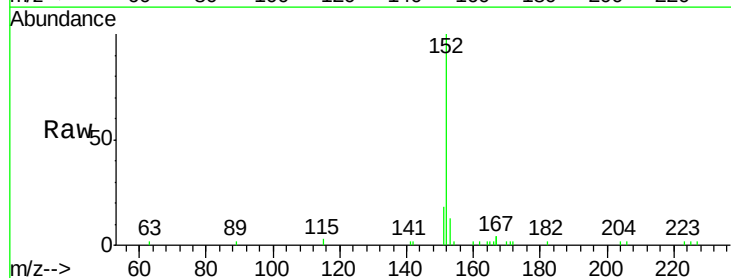
Acq: 3 May 2019 21:18

Tgt Ion:152 Resp: 5978

Ion Ratio Lower Upper

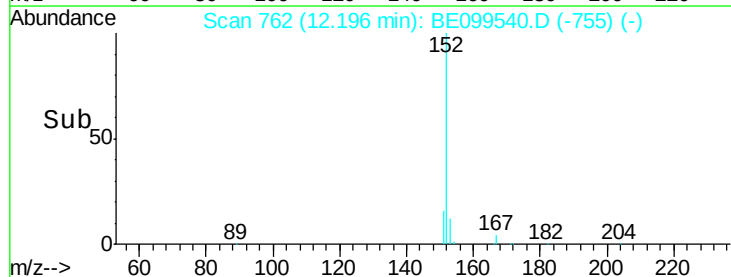
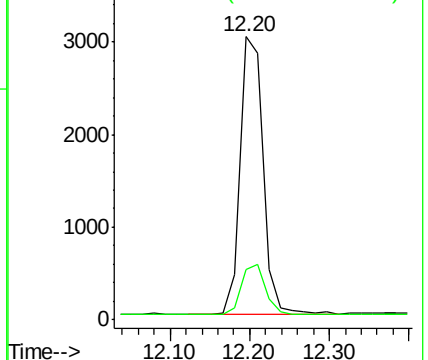
152 100

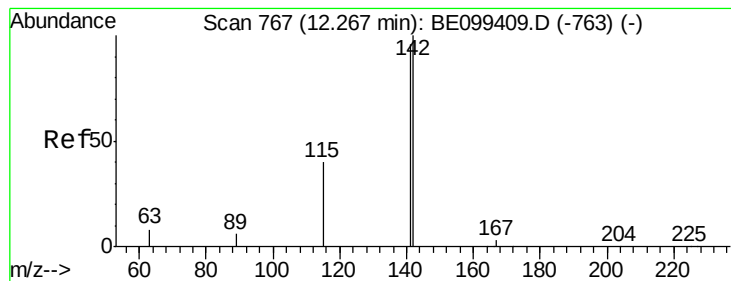
151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.073 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE099540.D

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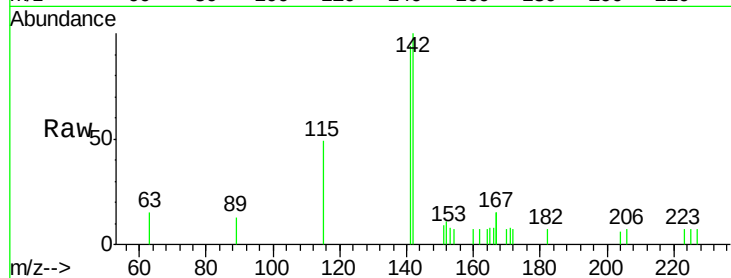
Tot Ion:142 Resp: 1317

Ion Ratio Lower Upper

142 100

141 94.1 77.0 115.4

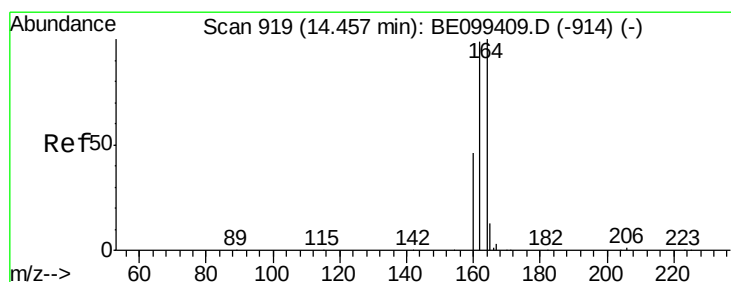
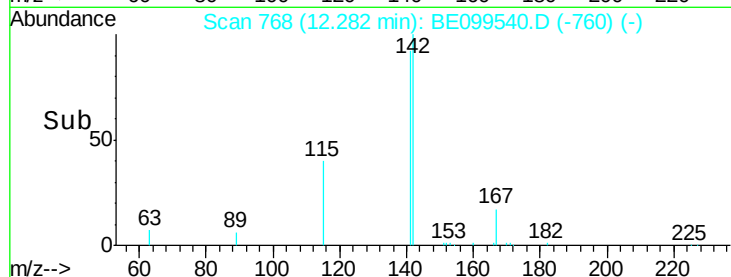
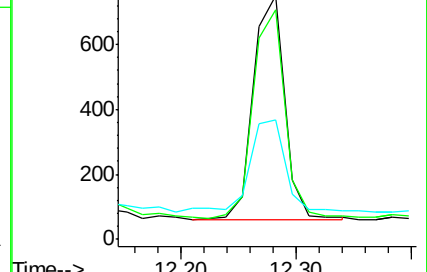
115 49.3 33.4 50.0



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: BE099540.D

Acq: 3 May 2019 21:18

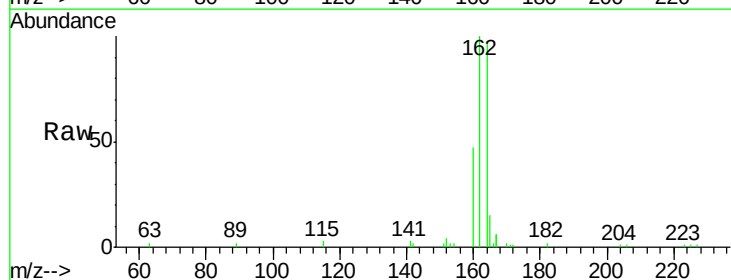
Tgt Ion:164 Resp: 7512

Ion Ratio Lower Upper

164 100

162 103.0 79.0 118.4

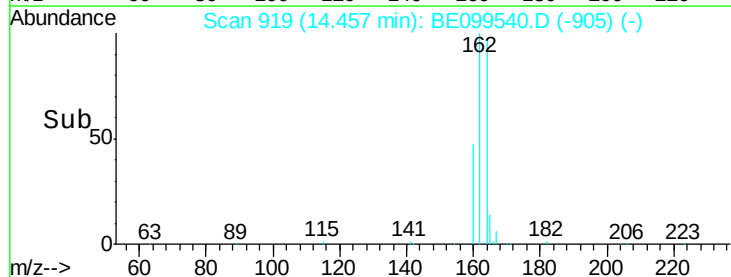
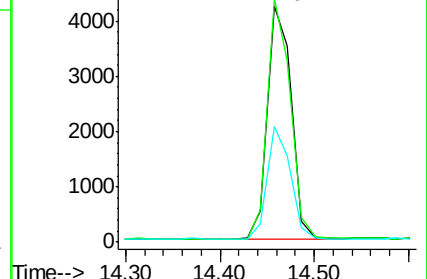
160 48.9 37.0 55.4

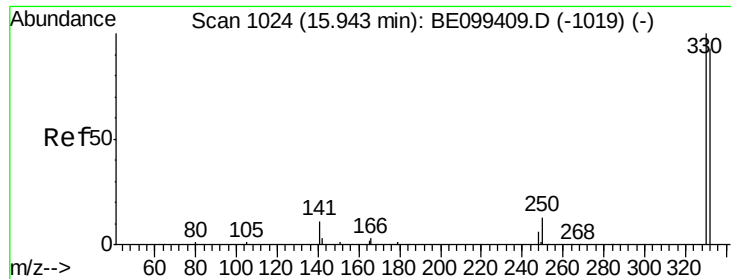


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.419 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

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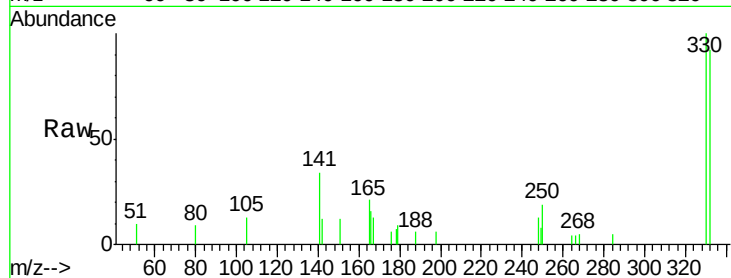
Tot Ion:330 Resp: 1985

Ion Ratio Lower Upper

330 100

332 93.7 71.5 107.3

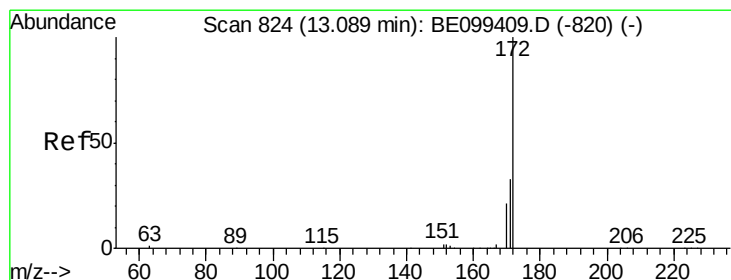
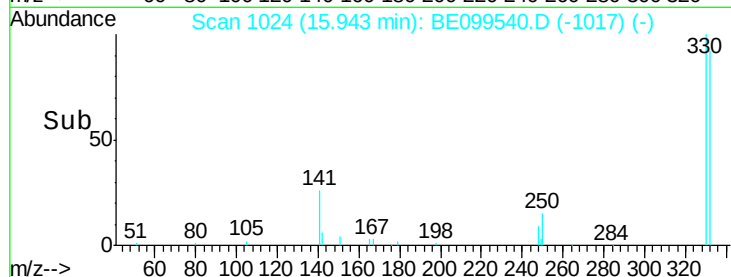
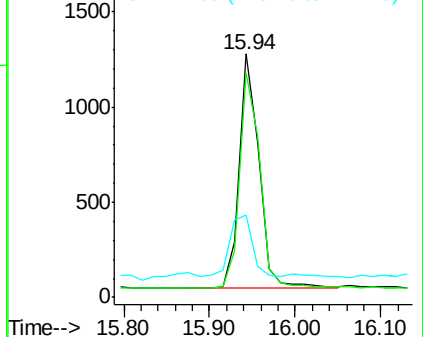
141 29.8 24.0 36.0



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: 0.319 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

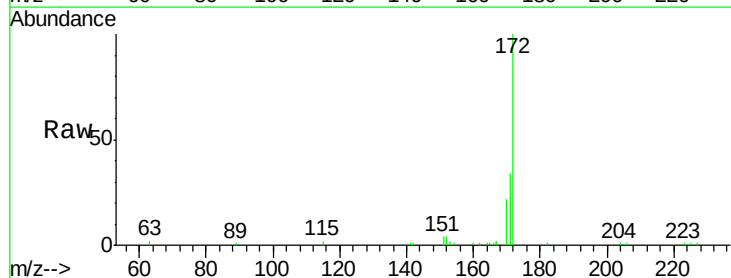
Tgt Ion:172 Resp: 9153

Ion Ratio Lower Upper

172 100

171 33.8 26.6 39.8

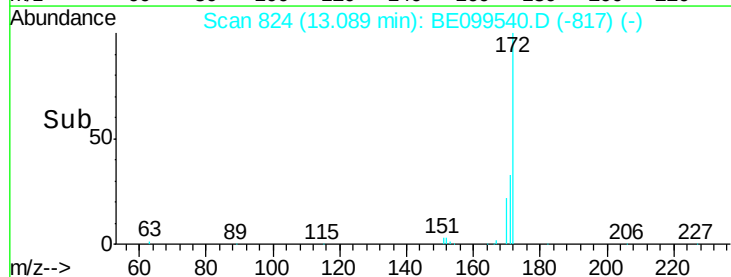
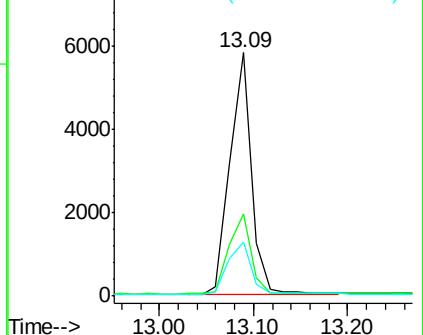
170 22.4 17.0 25.6

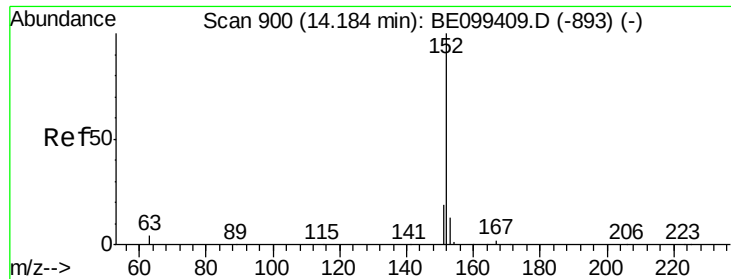


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.203 ng

RT: 14.18 min Scan# 900

Delta R.T. 0.00 min

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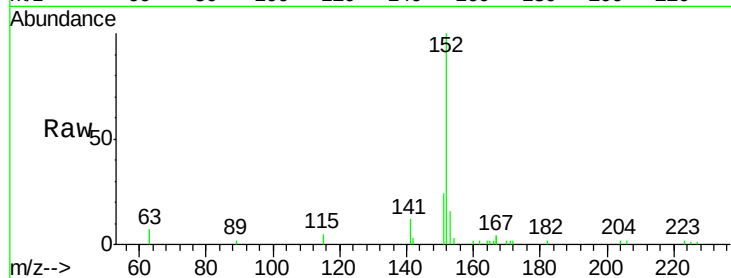
Tot Ion:152 Resp: 7447

Ion Ratio Lower Upper

152 100

151 20.7 15.4 23.2

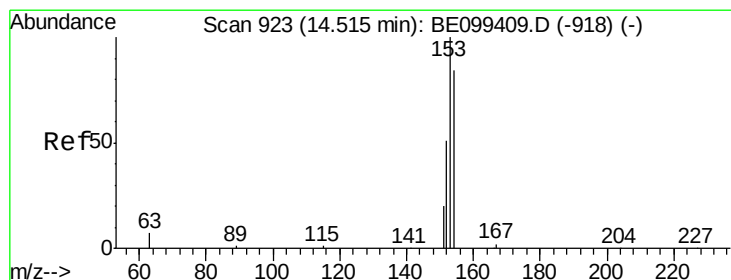
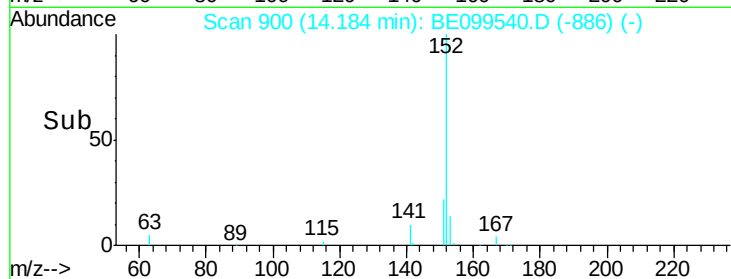
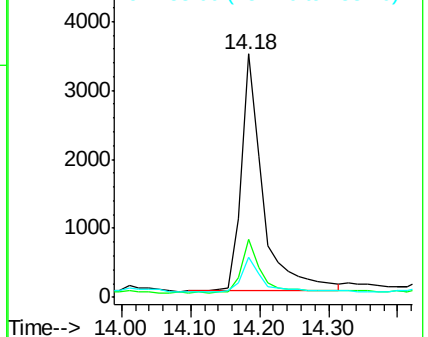
153 14.3 9.8 14.6



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: 0.097 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.01 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

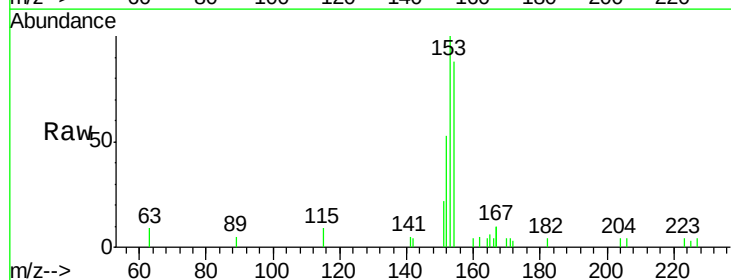
Tgt Ion:154 Resp: 2043

Ion Ratio Lower Upper

154 100

153 117.1 92.6 138.8

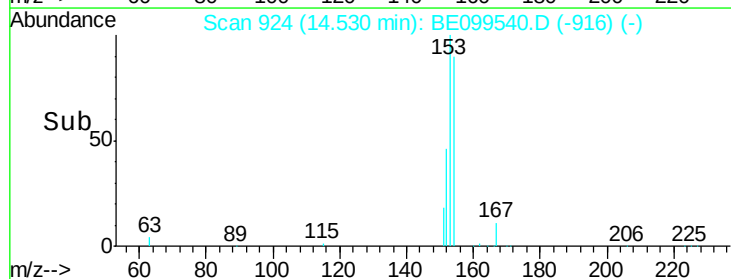
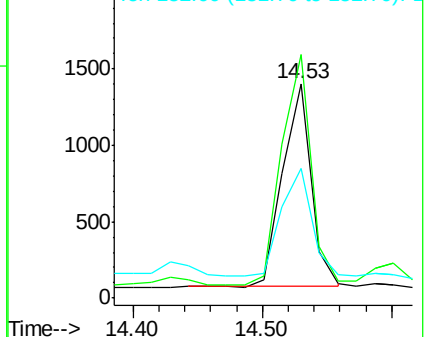
152 57.0 45.8 68.8

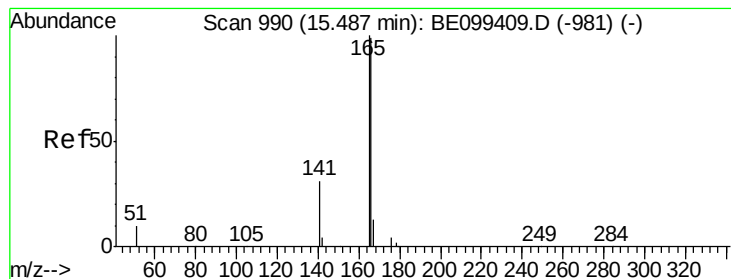


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.132 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.01 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

Instrument :

BNA_E

ClientSampleId :

PST-003-B176-042319

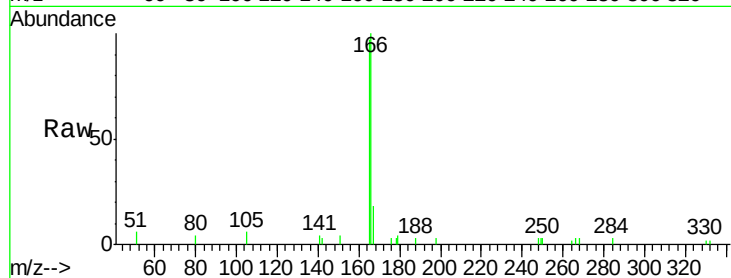
Tot Ion:166 Resp: 4097

Ion Ratio Lower Upper

166 100

165 105.6 80.3 120.5

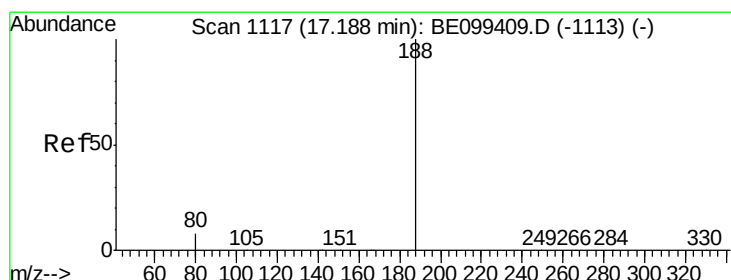
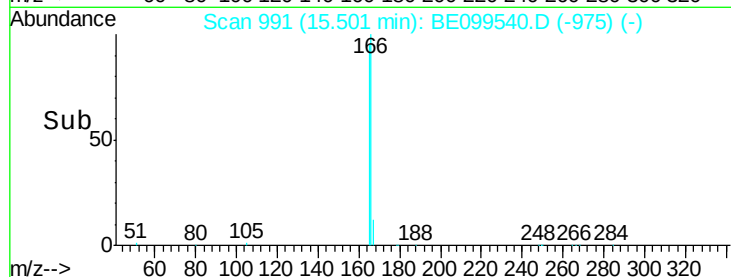
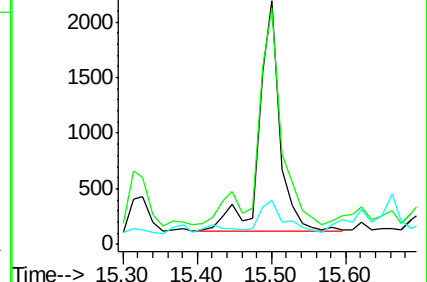
167 15.8 10.7 16.1



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: 17.20 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

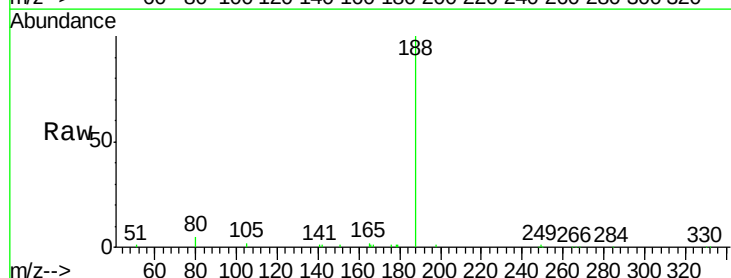
Tgt Ion:188 Resp: 21728

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

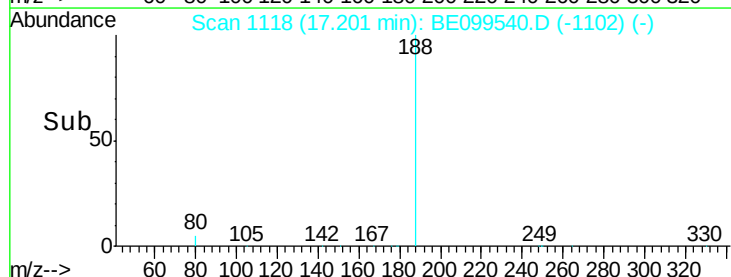
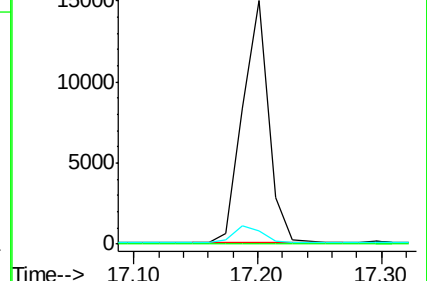
80 5.4 6.7 10.1#

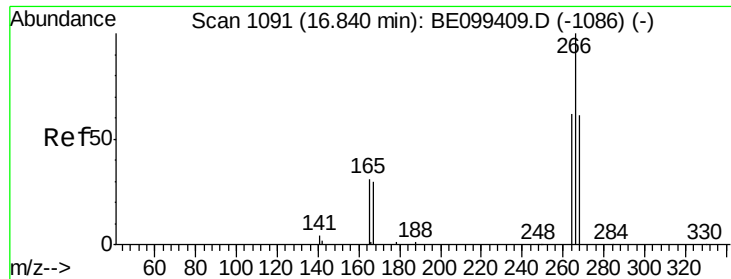


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.220 ng

RT: 16.87 min Scan# 1093

Delta R.T. 0.03 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

Instrument :

BNA_E

ClientSampleId :

PST-003-B176-042319

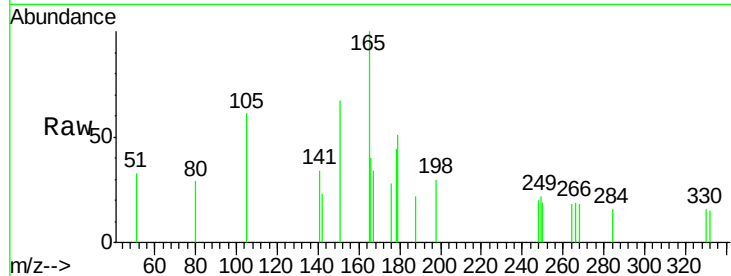
Tot Ion:266 Resp: 26

Ion Ratio Lower Upper

266 100

264 90.5 50.8 76.2#

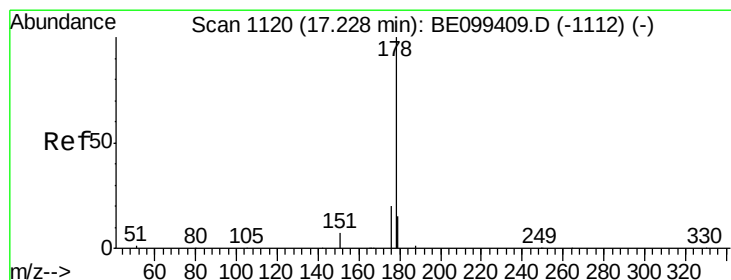
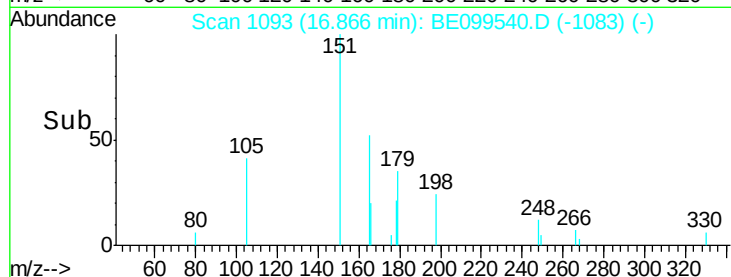
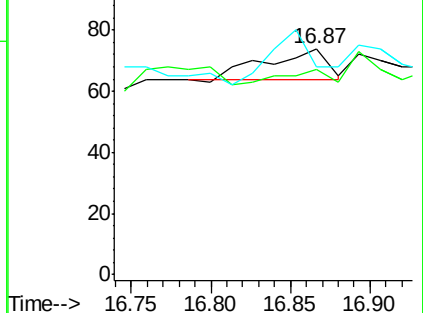
268 91.9 50.5 75.7#



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: 1.475 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

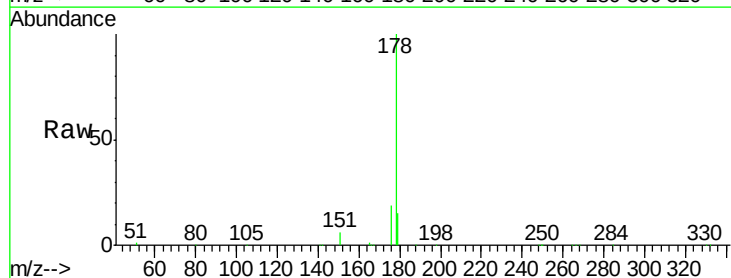
Tgt Ion:178 Resp: 82673

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

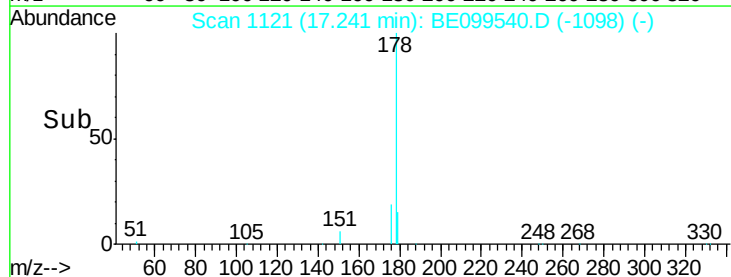
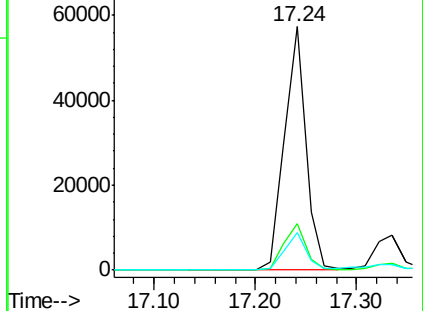
179 15.5 12.0 18.0

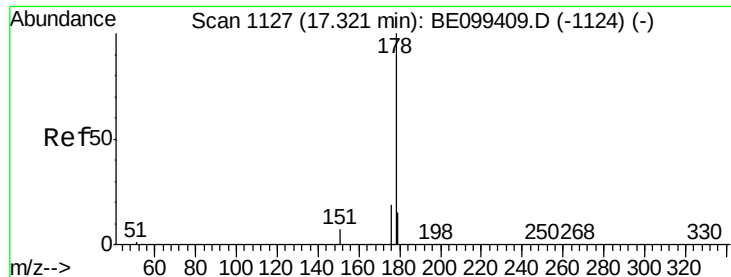


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.246 ng

RT: 17.33 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

Instrument :

BNA_E

ClientSampleId :

PST-003-B176-042319

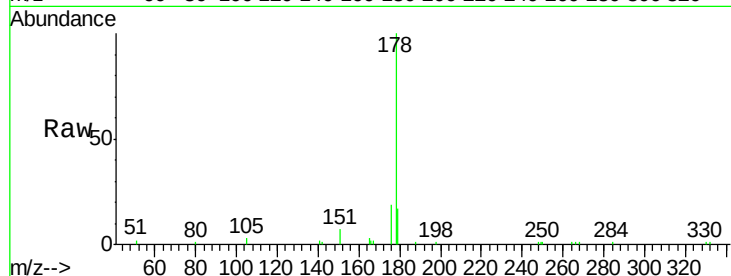
Tot Ion:178 Resp: 13136

Ion Ratio Lower Upper

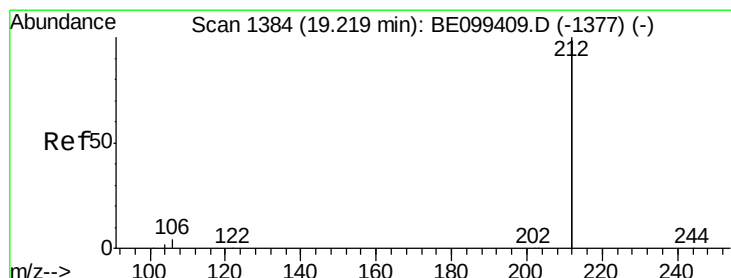
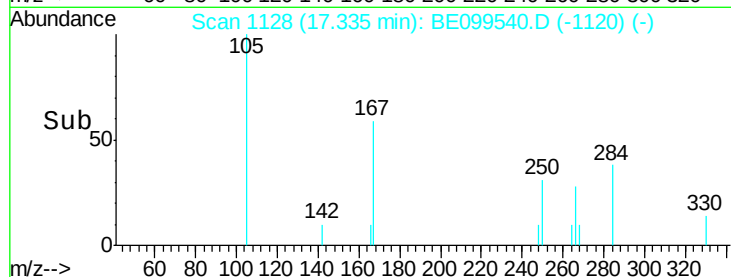
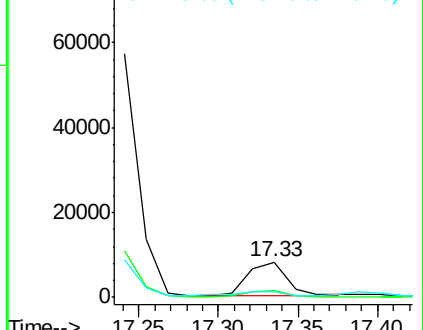
178 100

176 20.0 14.9 22.3

179 16.6 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: 0.289 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

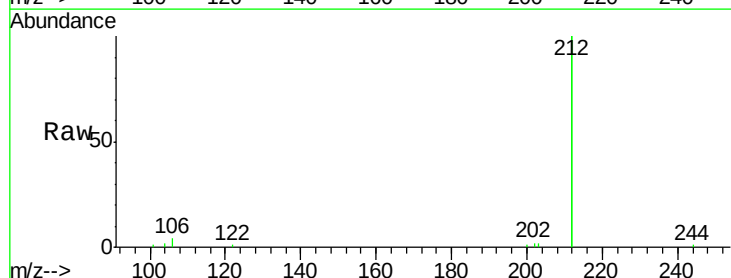
Tgt Ion:212 Resp: 84523

Ion Ratio Lower Upper

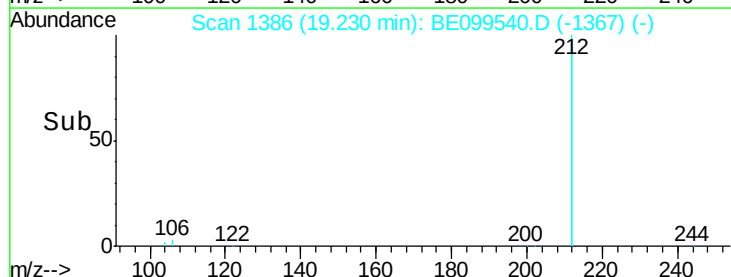
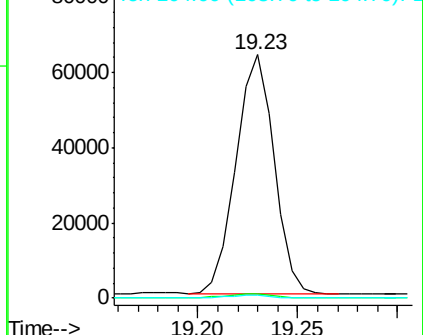
212 100

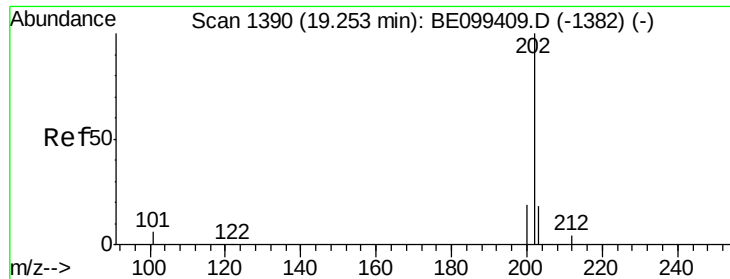
106 1.7 1.5 2.3

104 1.0 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

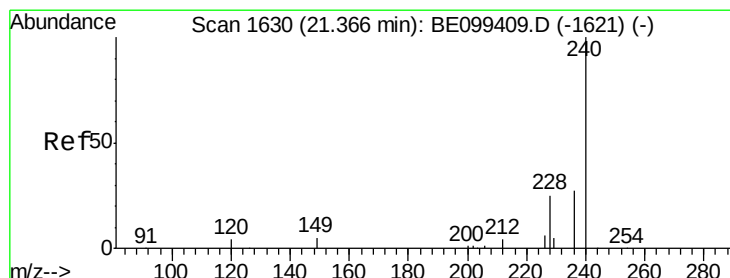
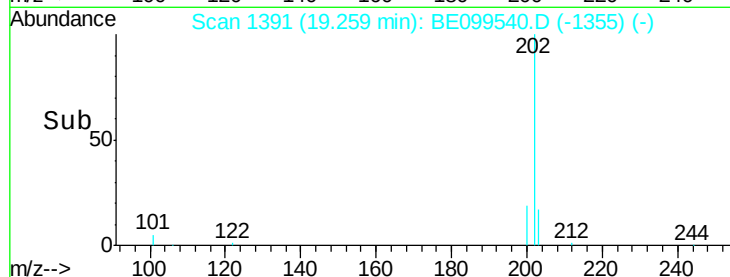
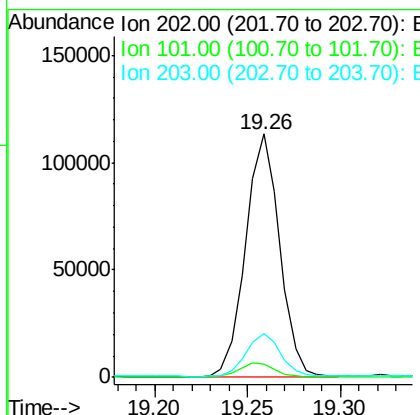
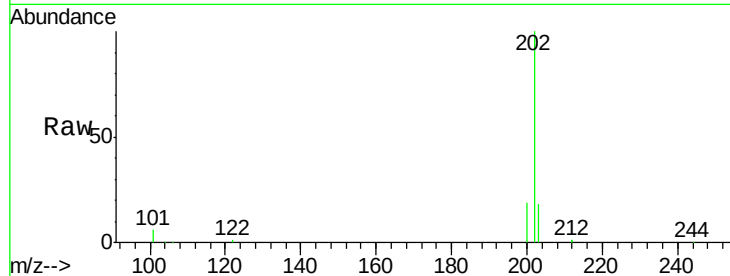




#26
Fluoranthene
Concen: 1.708 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BE099540.D
Acq: 3 May 2019 21:18

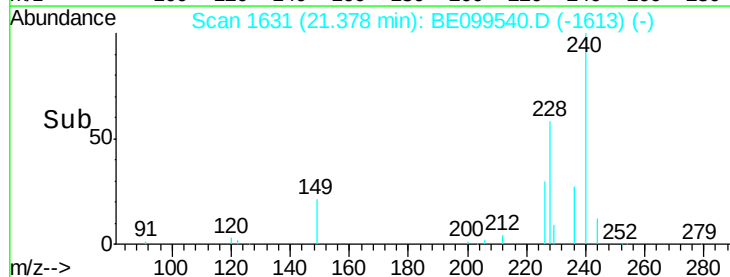
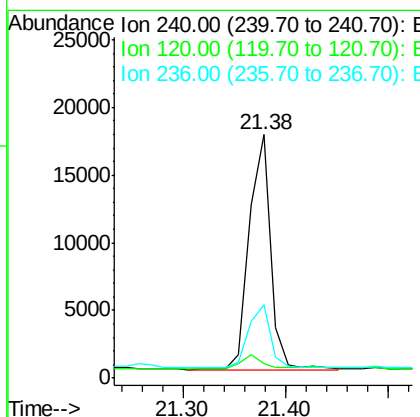
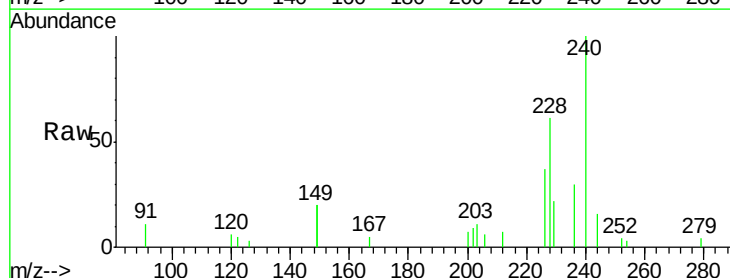
Instrument :
BNA_E
ClientSampleId :
PST-003-B176-042319

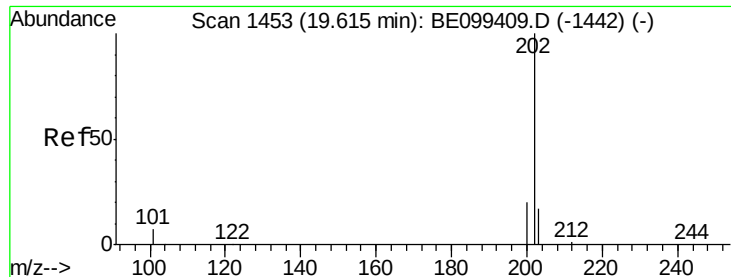
Tot Ion:202 Resp: 143478
Ion Ratio Lower Upper
202 100
101 6.1 5.4 8.0
203 17.7 13.9 20.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.01 min
Lab File: BE099540.D
Acq: 3 May 2019 21:18

Tgt Ion:240 Resp: 25185
Ion Ratio Lower Upper
240 100
120 6.0 4.0 6.0#
236 30.0 22.0 33.0

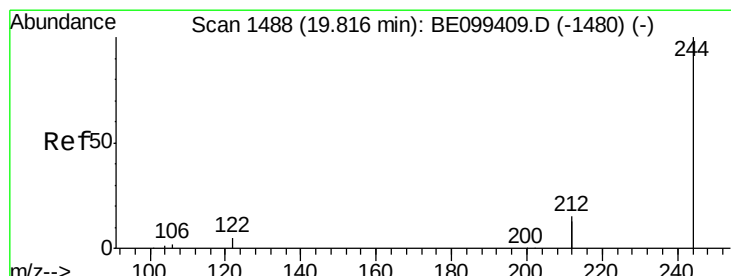
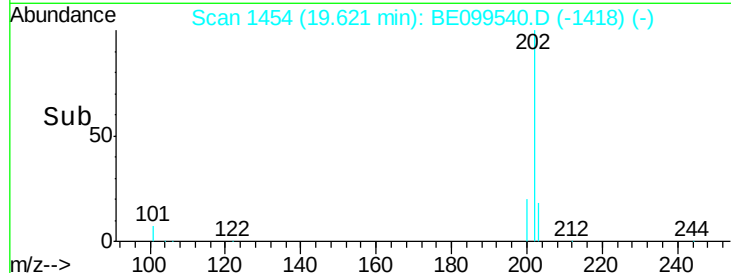
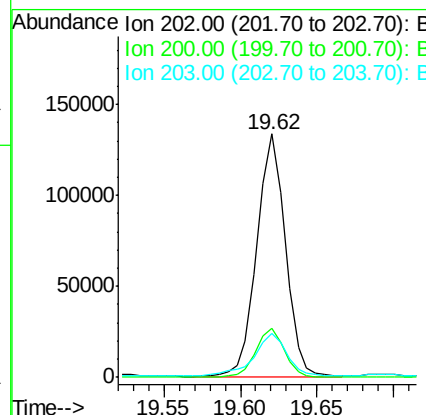
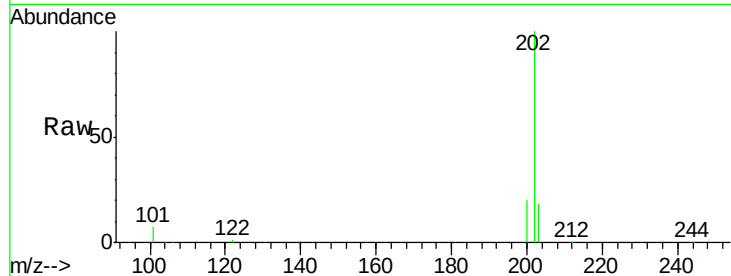




#28
 Pvrene
 Concen: 2.616 ng
 RT: 19.62 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BE099540.D
 Acq: 3 May 2019 21:18

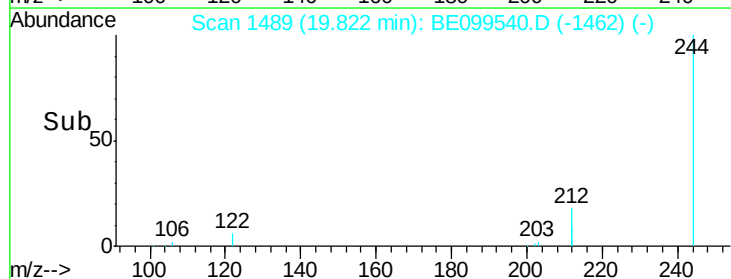
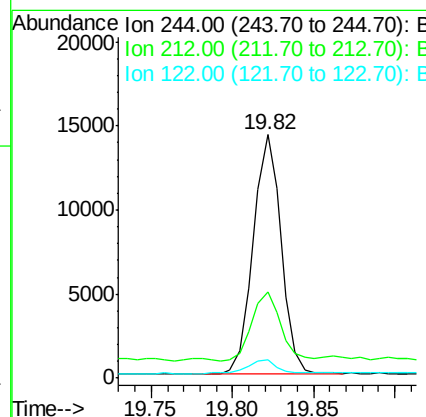
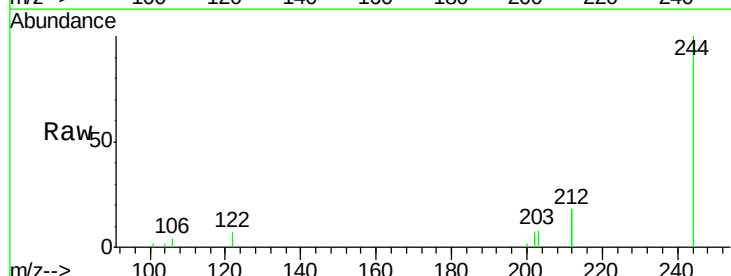
Instrument :
 BNA_E
 ClientSampleId :
 PST-003-B176-042319

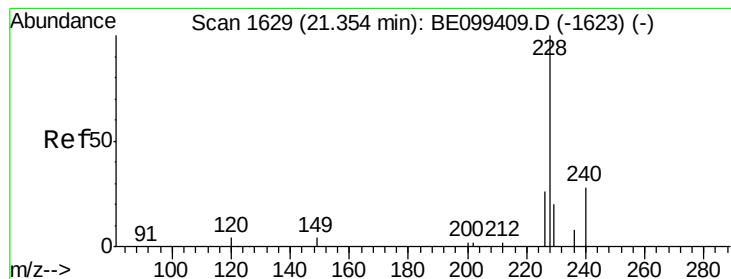
Tot Ion:202 Resp: 171740
 Ion Ratio Lower Upper
 202 100
 200 20.0 15.7 23.5
 203 20.6 13.9 20.9



#29
 Terphenyl-d14
 Concen: 0.369 ng
 RT: 19.82 min Scan# 1489
 Delta R.T. 0.01 min
 Lab File: BE099540.D
 Acq: 3 May 2019 21:18

Tgt Ion:244 Resp: 17042
 Ion Ratio Lower Upper
 244 100
 212 35.4 23.2 34.8#
 122 7.3 4.2 6.4#





#30

Benzo(a)anthracene

Concen: 1.130 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

Instrument :

BNA_E

ClientSampleId :

PST-003-B176-042319

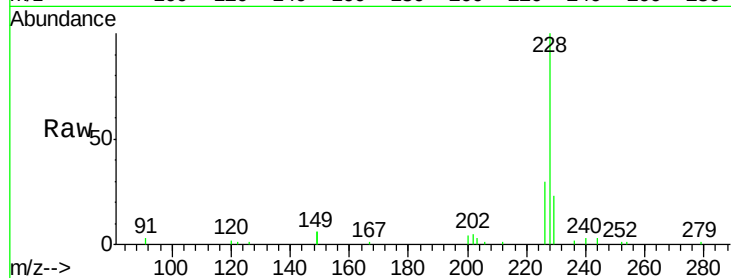
Tot Ion:228 Resp: 90696

Ion Ratio Lower Upper

228 100

226 29.5 21.0 31.6

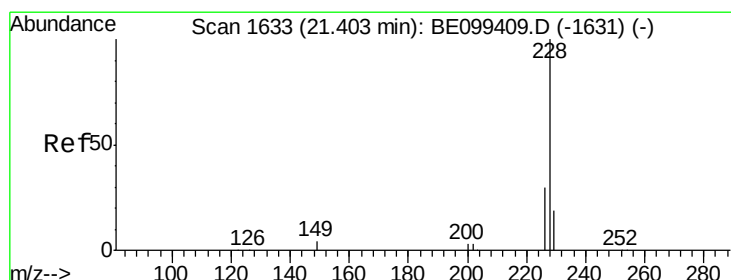
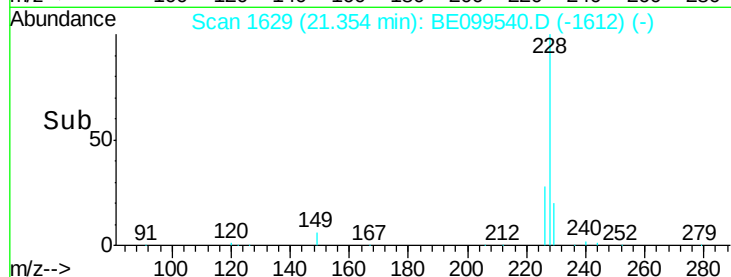
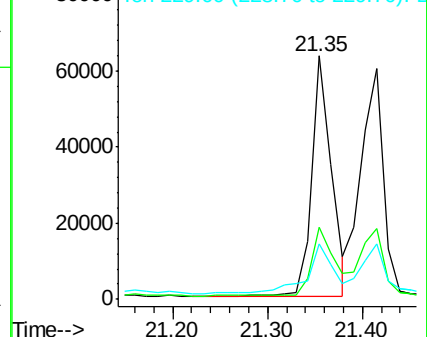
229 22.7 16.6 25.0



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: 0.715 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.05 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

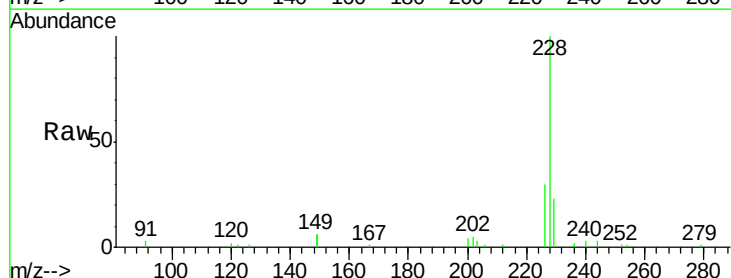
Tgt Ion:228 Resp: 56124

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

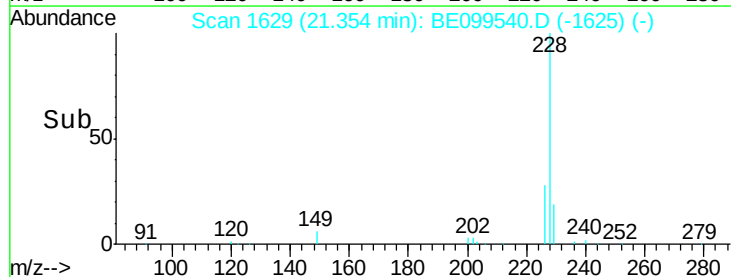
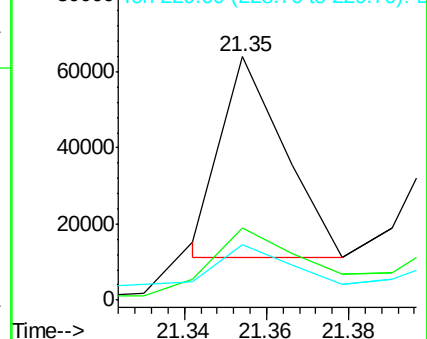
229 22.7 15.8 23.8

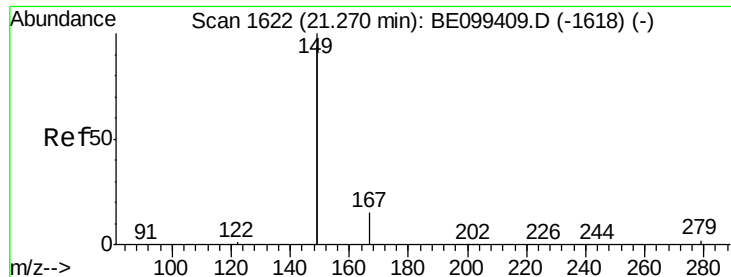


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.142 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

Instrument :

BNA_E

ClientSampleId :

PST-003-B176-042319

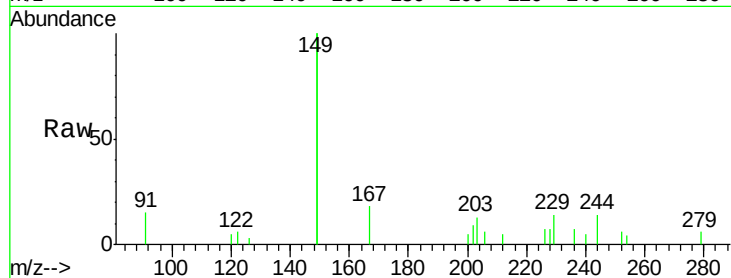
Tot Ion:149 Resp: 24230

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.6

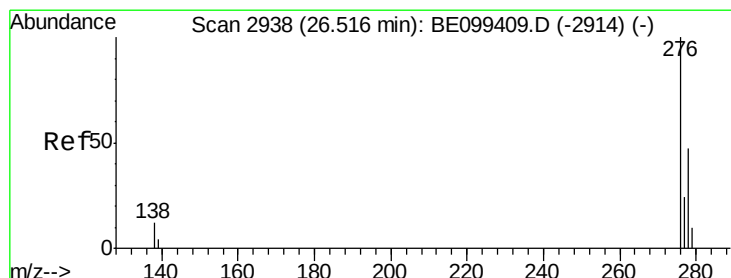
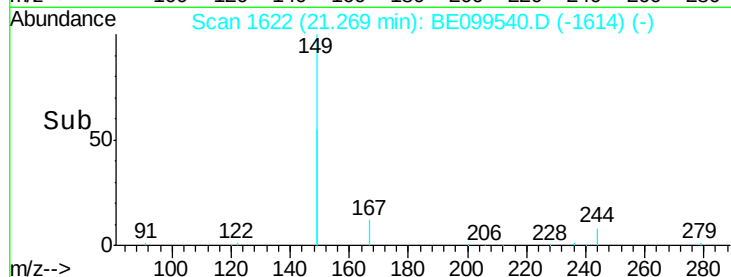
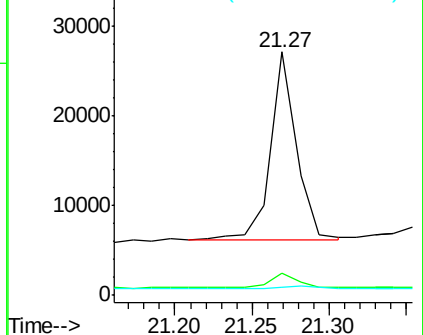
279 1.7 1.0 1.6#



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: 0.497 ng

RT: 26.55 min Scan# 2947

Delta R.T. 0.03 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

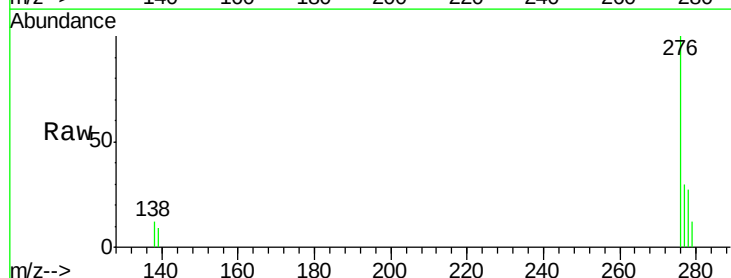
Tgt Ion:276 Resp: 46101

Ion Ratio Lower Upper

276 100

138 8.9 10.2 15.2#

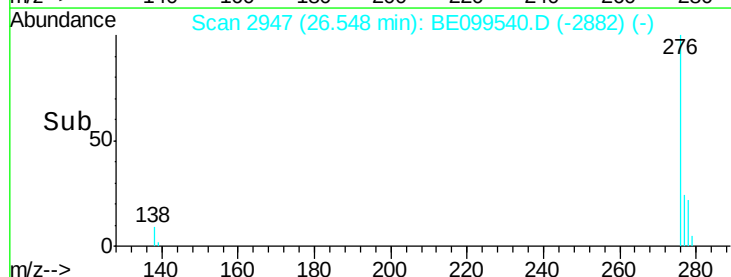
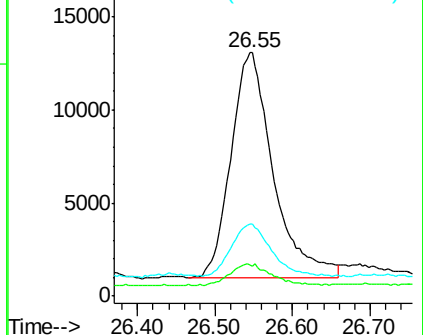
277 21.9 19.2 28.8

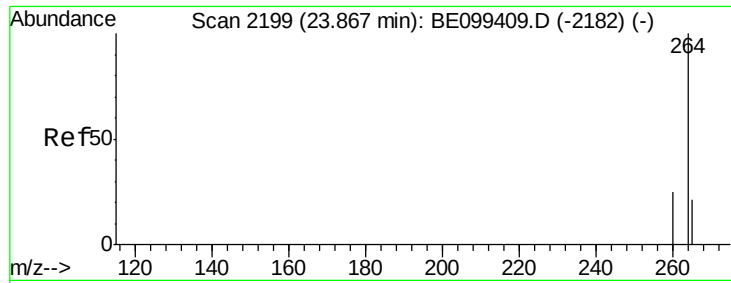


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

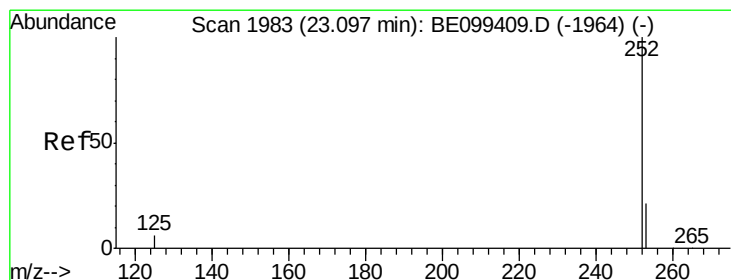
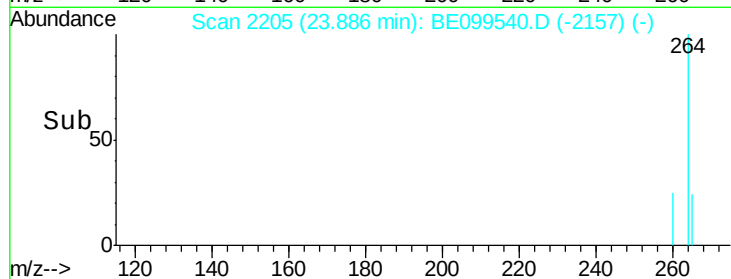
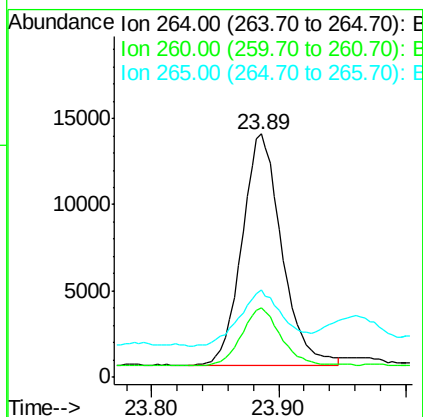
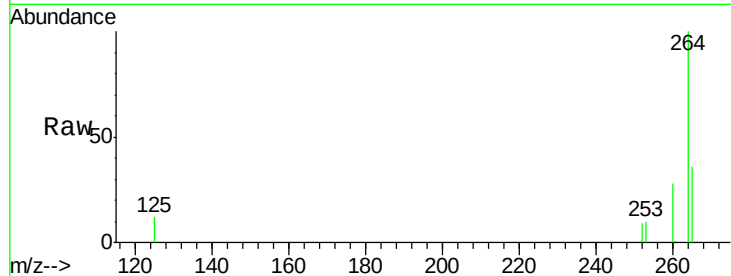




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BE099540.D
Acq: 3 May 2019 21:18

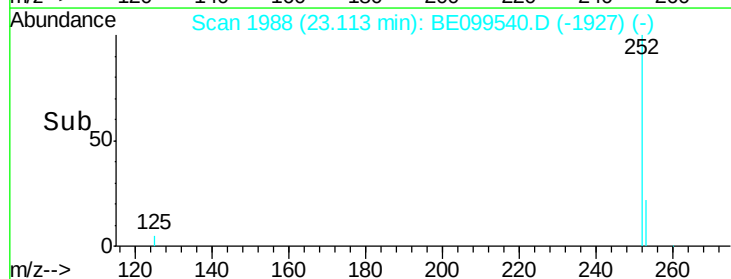
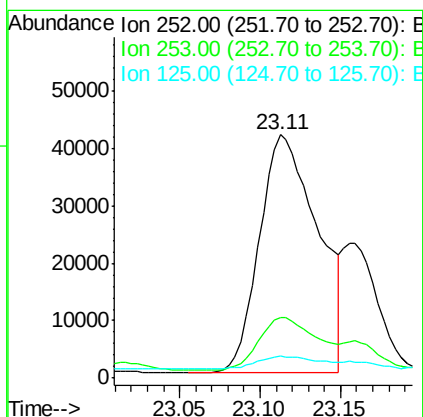
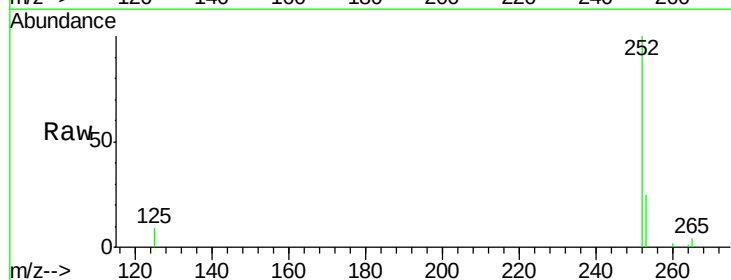
Instrument :
BNA_E
ClientSampleId :
PST-003-B176-042319

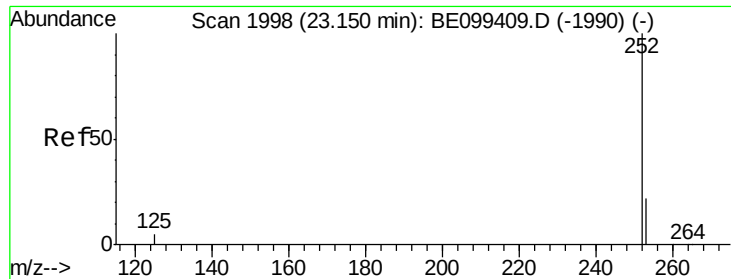
Tot Ion:264 Resp: 29434
Ion Ratio Lower Upper
264 100
260 28.5 20.2 30.2
265 35.7 21.3 31.9#



#35
Benzo(b)fluoranthene
Concen: 1.233 ng
RT: 23.11 min Scan# 1988
Delta R.T. 0.02 min
Lab File: BE099540.D
Acq: 3 May 2019 21:18

Tgt Ion:252 Resp: 104690
Ion Ratio Lower Upper
252 100
253 25.0 18.1 27.1
125 8.9 5.6 8.4#





#36

Benzo(k)fluoranthene

Concen: 1.279 ng

RT: 23.11 min Scan# 1988

Delta R.T. -0.04 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

Instrument :

BNA_E

ClientSampleId :

PST-003-B176-042319

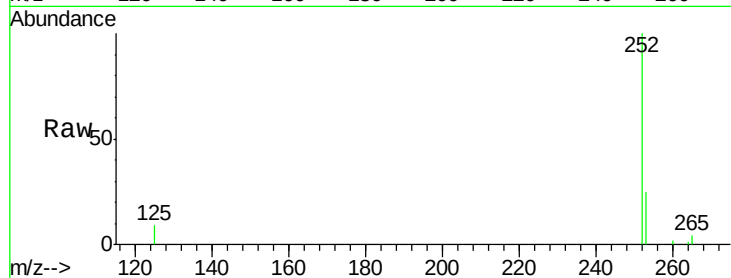
Tot Ion:252 Resp: 104690

Ion Ratio Lower Upper

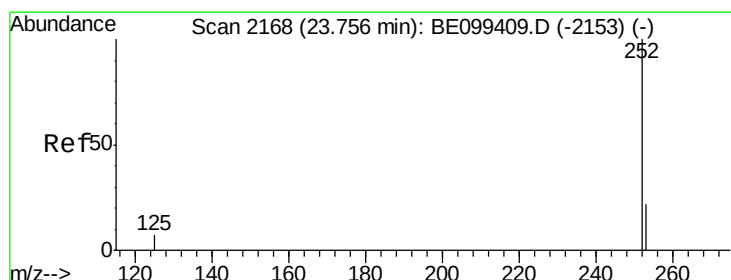
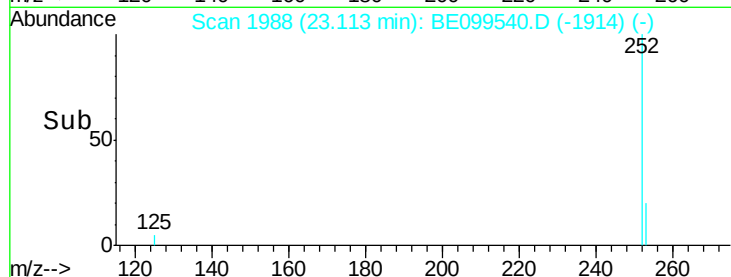
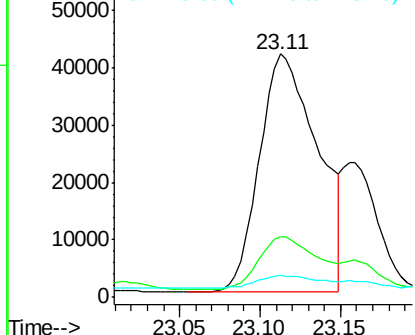
252 100

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: 0.999 ng

RT: 23.77 min Scan# 2173

Delta R.T. 0.02 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

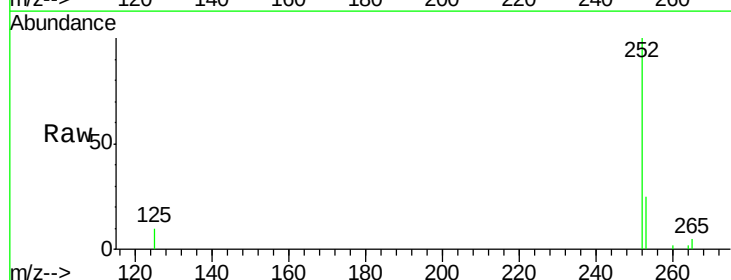
Tgt Ion:252 Resp: 80193

Ion Ratio Lower Upper

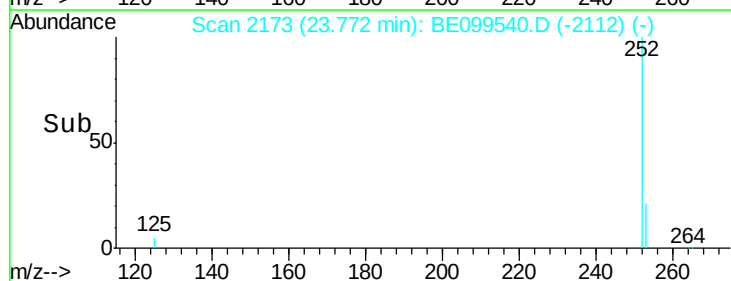
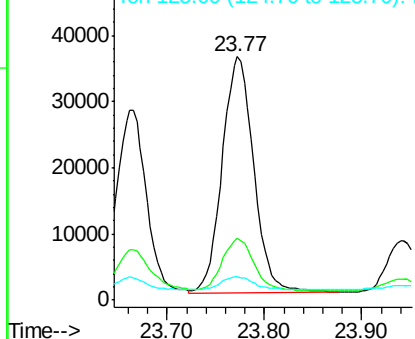
252 100

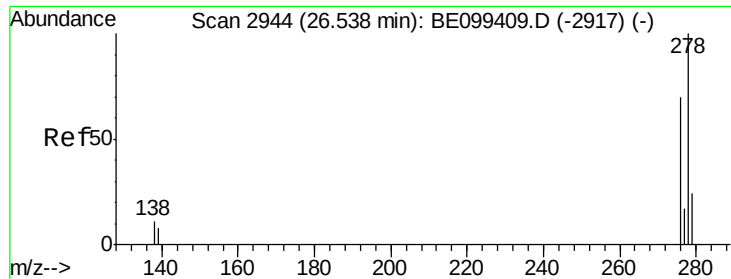
253 25.2 18.9 28.3

125 9.7 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: 0.140 ng

RT: 26.56 min Scan# 2949

Delta R.T. 0.02 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

Instrument :

BNA_E

ClientSampleId :

PST-003-B176-042319

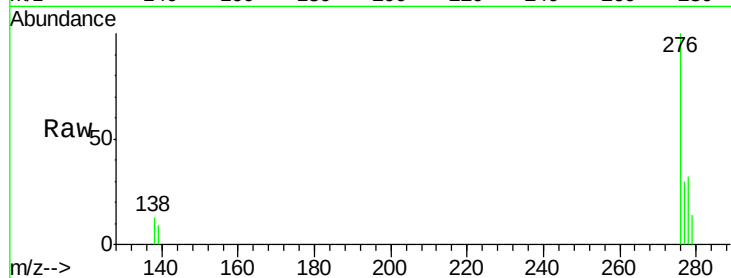
Tot Ion:278 Resp: 11511

Ion Ratio Lower Upper

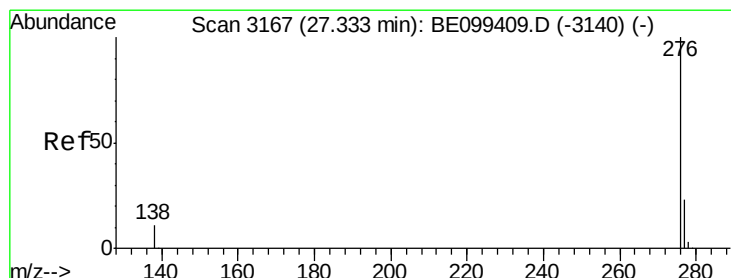
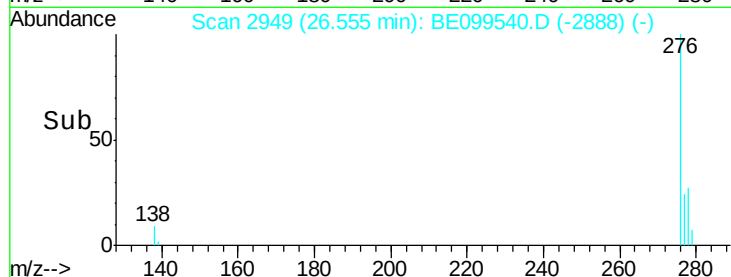
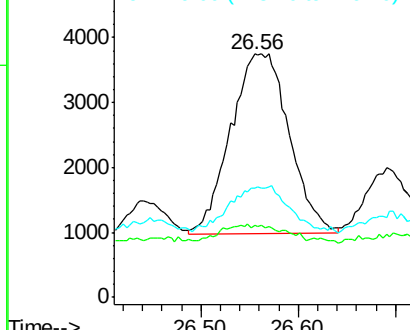
278 100

139 29.6 7.7 11.5#

279 45.0 20.2 30.2#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.565 ng

RT: 27.37 min Scan# 3177

Delta R.T. 0.04 min

Lab File: BE099540.D

Acq: 3 May 2019 21:18

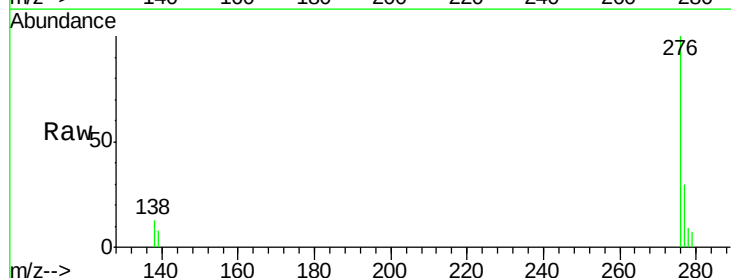
Tgt Ion:276 Resp: 46445

Ion Ratio Lower Upper

276 100

277 29.8 19.5 29.3#

138 13.0 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

