

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
 Data File : BE099391.D
 Acq On : 26 Apr 2019 23:30
 Operator : JU/SJ
 Sample : K2533-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-023-B182-042219

Quant Time: Apr 27 05:08:58 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	3876	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	15609	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	11692	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	32658	0.40	ng	0.00
27) Chrysene-d12	21.37	240	35523	0.40	ng	0.00
34) Perylene-d12	23.87	264	41224	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	2957	0.31	ng	0.00
5) Phenol-d6	6.98	99	4338	0.32	ng	0.00
8) Nitrobenzene-d5	8.96	82	3963	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	7268	0.26	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	1967	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	10682	0.23	ng	0.00
25) Fluoranthene-d10	19.22	212	89633	0.23	ng	0.00
29) Terphenyl-d14	19.82	244	15111	0.22	ng	0.00

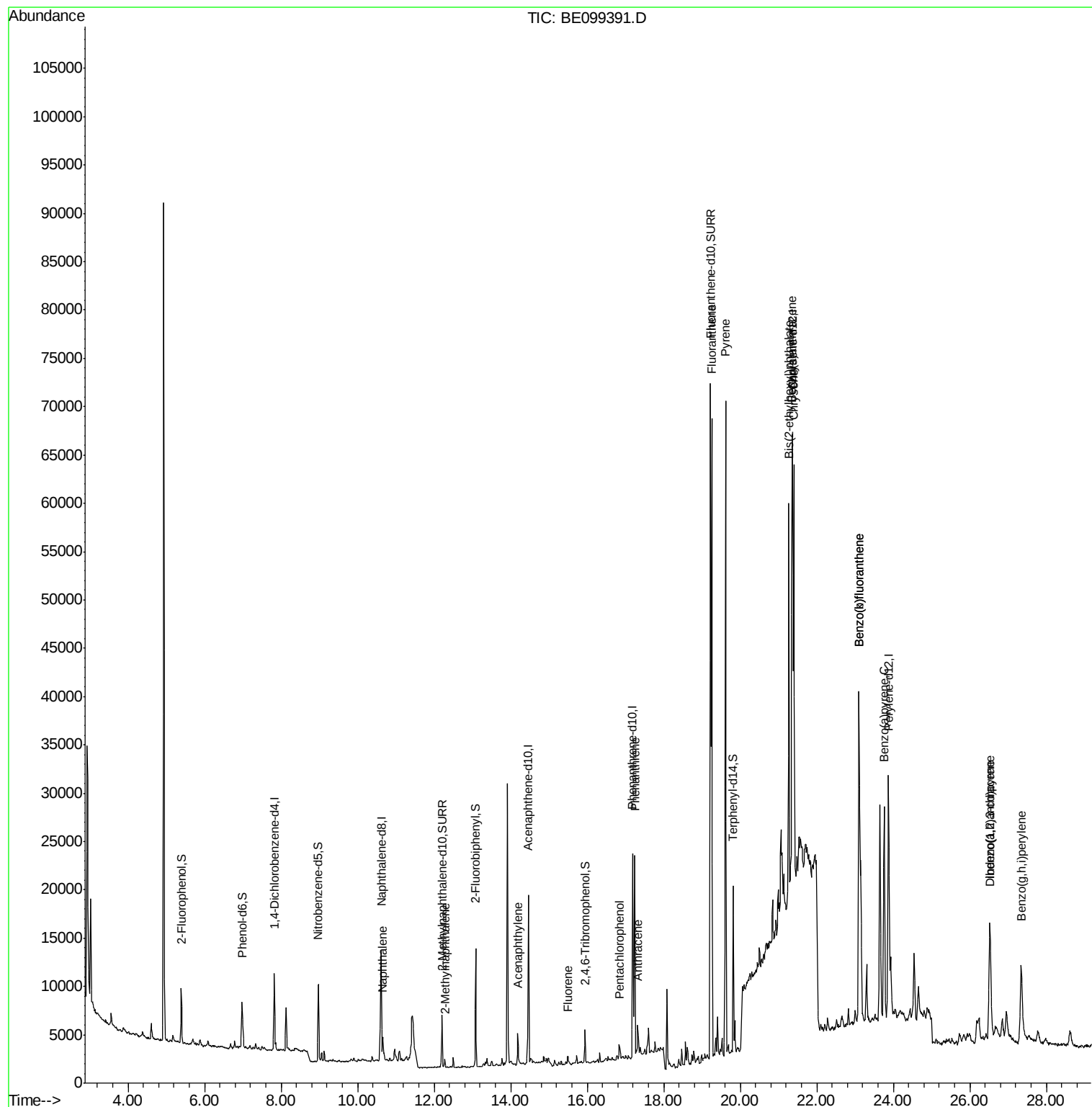
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.65	128	3955	0.023	ng	# 93
12) 2-Methylnaphthalene	12.28	142	628	0.022	ng	# 87
16) Acenaphthylene	14.18	152	4673	0.088	ng	97
18) Fluorene	15.50	166	1234	0.026	ng	89
22) Pentachlorophenol	16.84	266	934	0.353	ng	97
23) Phenanthrene	17.24	178	26063	0.301	ng	100
24) Anthracene	17.32	178	3823	0.050	ng	# 94
26) Fluoranthene	19.25	202	59491	0.514	ng	98
28) Pyrene	19.62	202	59330	0.567	ng	96
30) Benzo(a)anthracene	21.36	228	33778	0.323	ng	# 88
31) Chrysene	21.40	228	46302	0.417	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.27	149	47120	0.496	ng	99
33) Indeno(1,2,3-cd)pyrene	26.52	276	26460	0.241	ng	# 95
35) Benzo(b)fluoranthene	23.10	252	63504	0.503	ng	# 83
36) Benzo(k)fluoranthene	23.10	252	63504	0.505	ng	# 85
37) Benzo(a)pyrene	23.76	252	36188	0.320	ng	# 82
38) Dibenzo(a,h)anthracene	26.54	278	6726	0.058	ng	# 28
39) Benzo(a,h,i)perylene	27.35	276	26272	0.224	ng	# 88

(#) = 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: BE099391.D

Acq: 26 Apr 2019 23:30

Instrument :

BNA_E

ClientSampleId :

PST-023-B182-042219

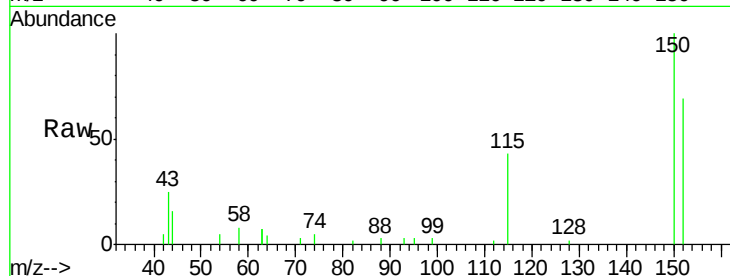
Tot Ion:152 Resp: 3876

Ion Ratio Lower Upper

152 100

150 145.4 119.5 179.3

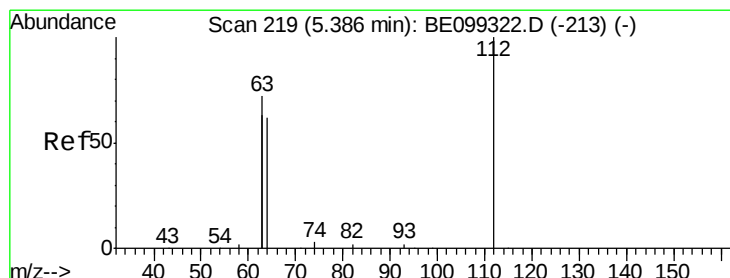
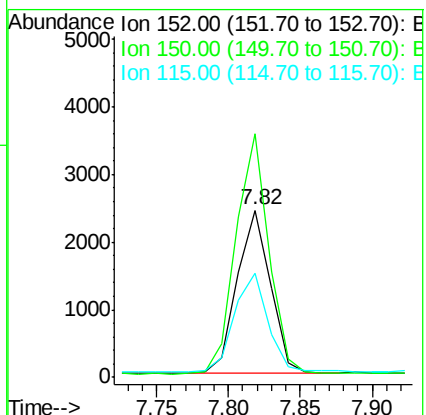
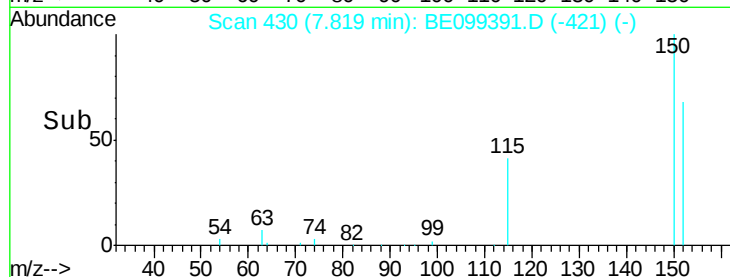
115 61.9 47.5 71.3



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



#4

2-Fluorophenol

Concen: 0.312 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

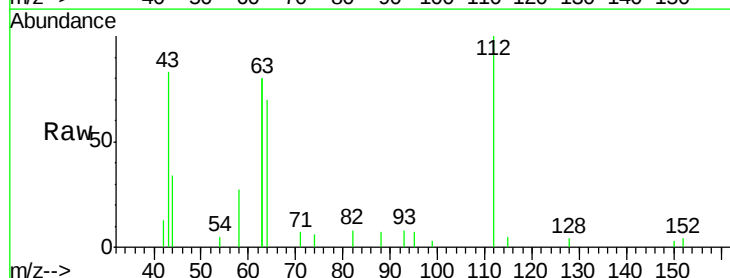
Tgt Ion:112 Resp: 2957

Ion Ratio Lower Upper

112 100

64 58.2 44.9 67.3

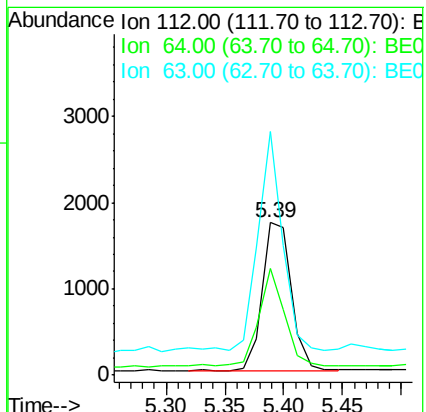
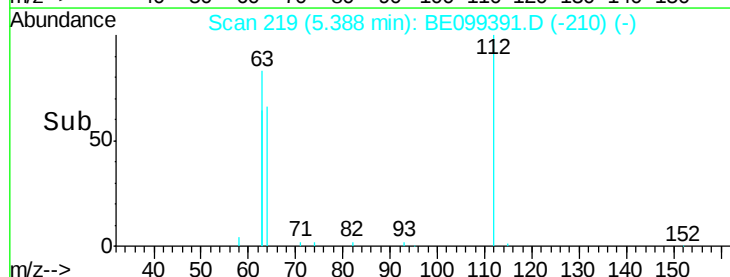
63 123.7 97.4 146.0

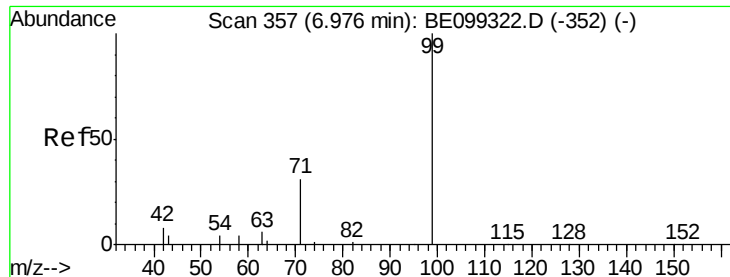


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.321 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

Instrument :

BNA_E

ClientSampleId :

PST-023-B182-042219

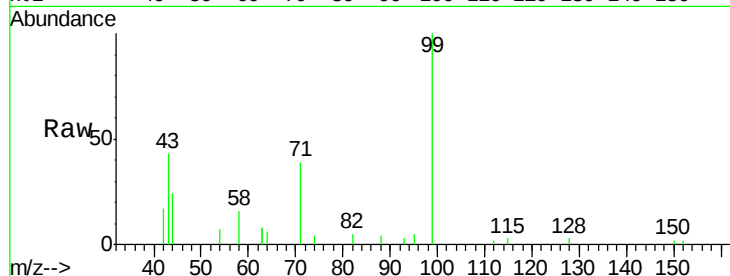
Tot Ion: 99 Resp: 4338

Ion Ratio Lower Upper

99 100

42 18.1 11.7 17.5#

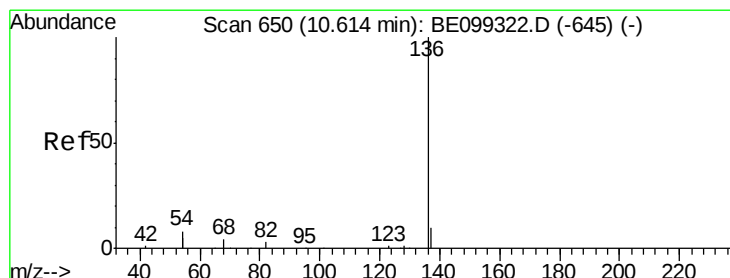
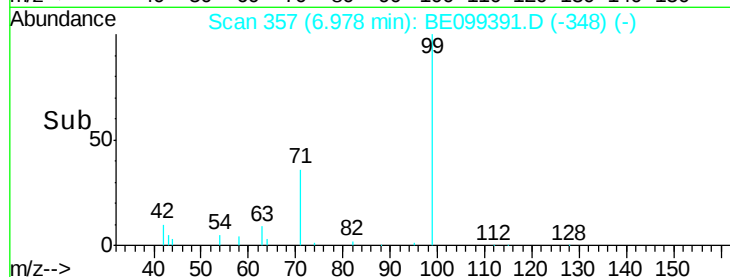
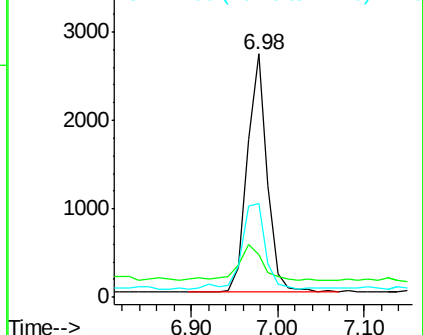
71 43.3 29.6 44.4



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

Tgt Ion: 136 Resp: 15609

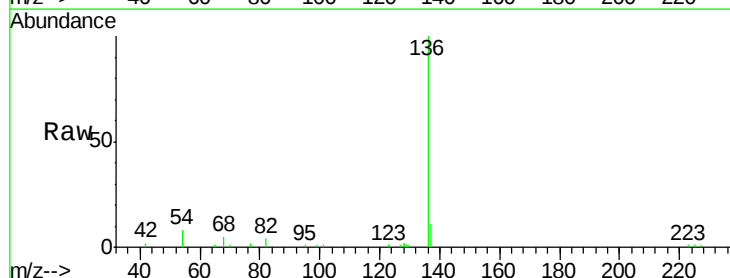
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 16.9 23.8 35.8#

68 4.6 6.4 9.6#

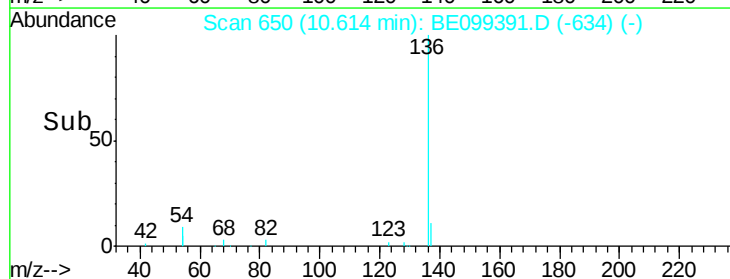
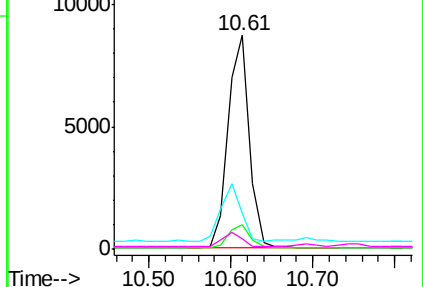


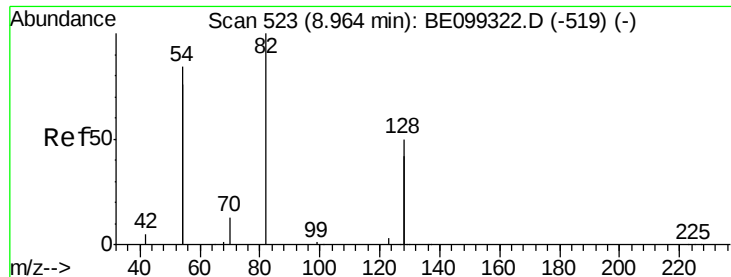
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.327 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

Instrument :

BNA_E

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PST-023-B182-042219

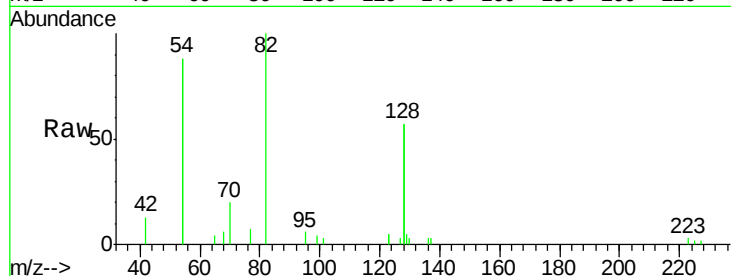
Tot Ion: 82 Resp: 3963

Ion Ratio Lower Upper

82 100

128 113.3 91.7 137.5

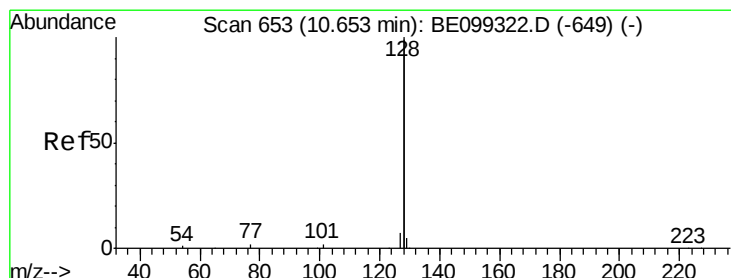
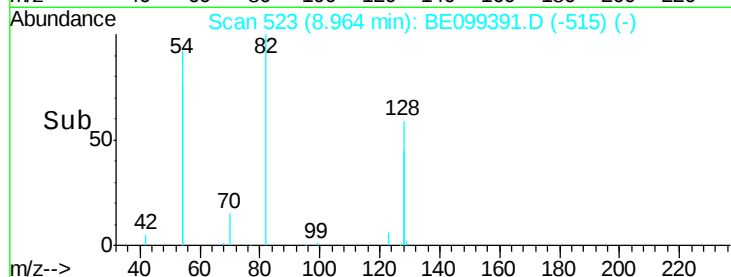
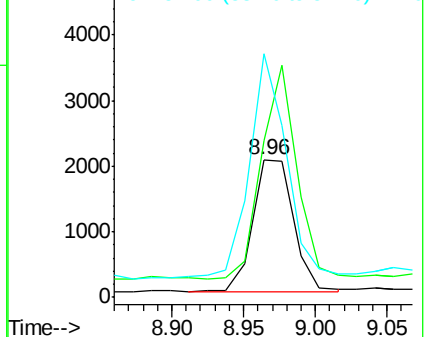
54 176.9 122.8 184.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.023 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

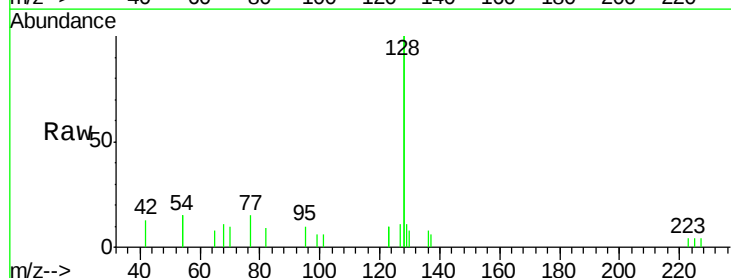
Tgt Ion: 128 Resp: 3955

Ion Ratio Lower Upper

128 100

129 5.4 2.3 3.5#

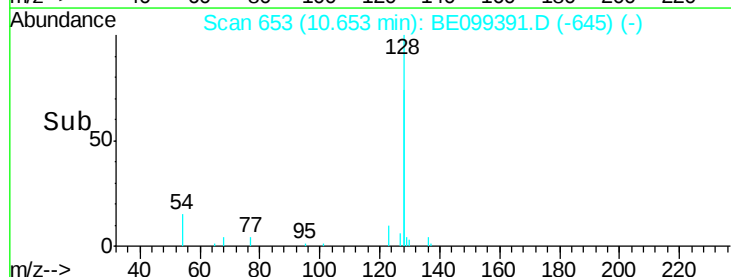
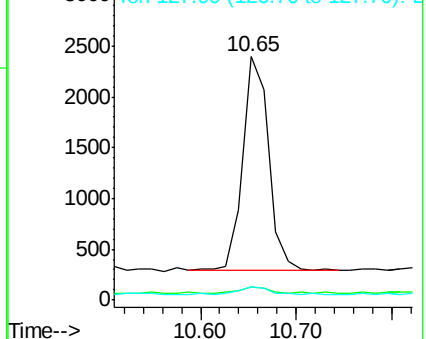
127 5.5 2.8 4.2#

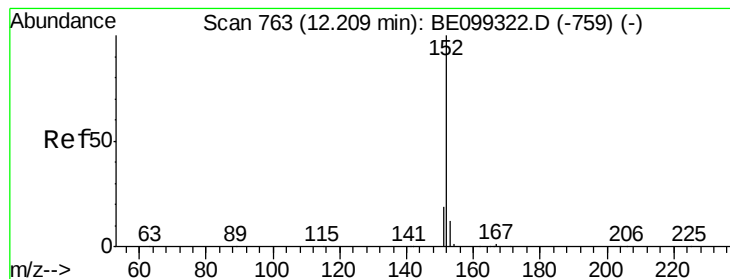


Abundance Ion 128.00 (127.70 to 128.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

Ion 127.00 (126.70 to 127.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.264 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

Instrument :

BNA_E

ClientSampleId :

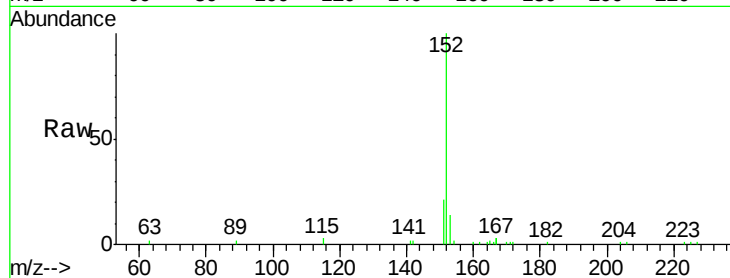
PST-023-B182-042219

Tot Ion:152 Resp: 7268

Ion Ratio Lower Upper

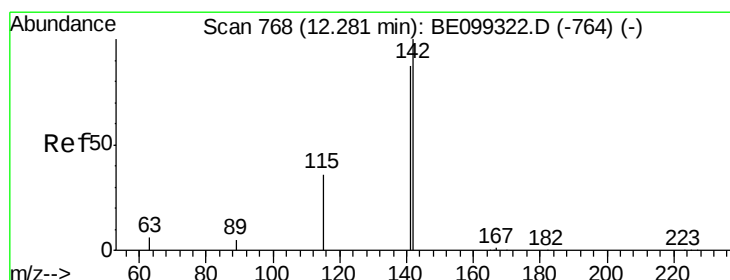
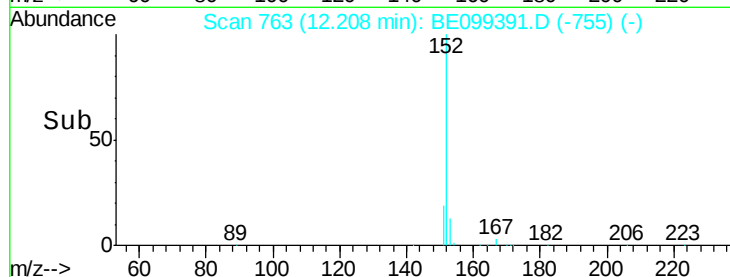
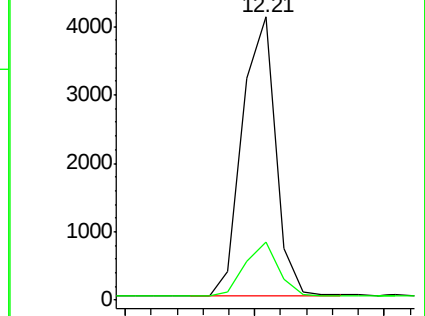
152 100

151 20.2 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: 0.022 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

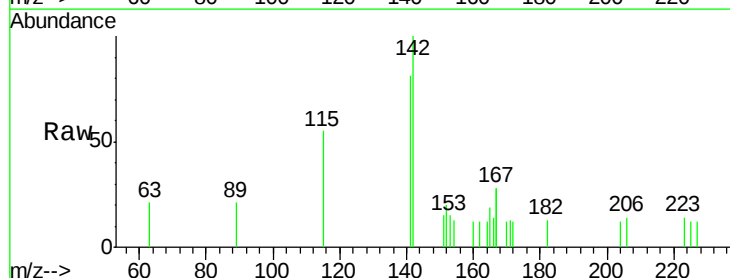
Tgt Ion:142 Resp: 628

Ion Ratio Lower Upper

142 100

141 81.4 72.0 108.0

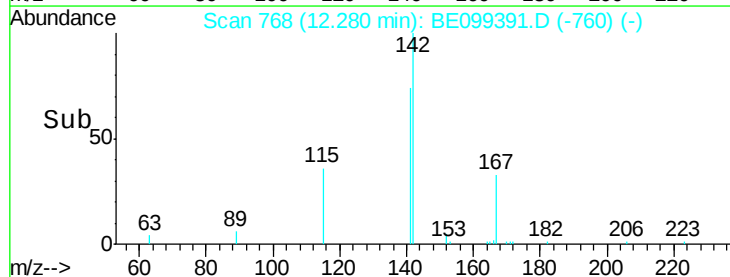
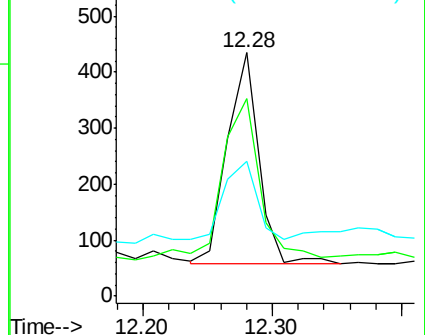
115 55.2 33.4 50.0#

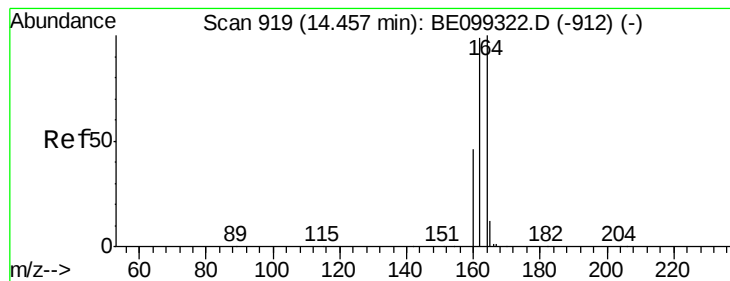


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE099391.D

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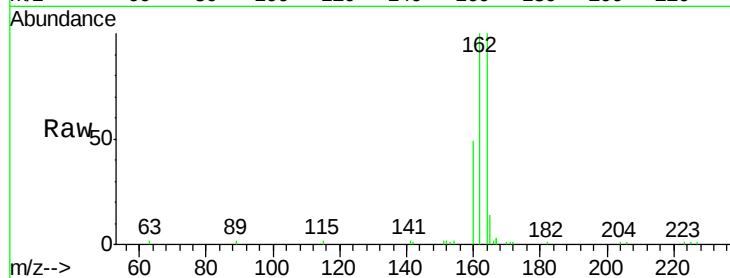
Tot Ion:164 Resp: 11692

Ion Ratio Lower Upper

164 100

162 100.1 77.8 116.6

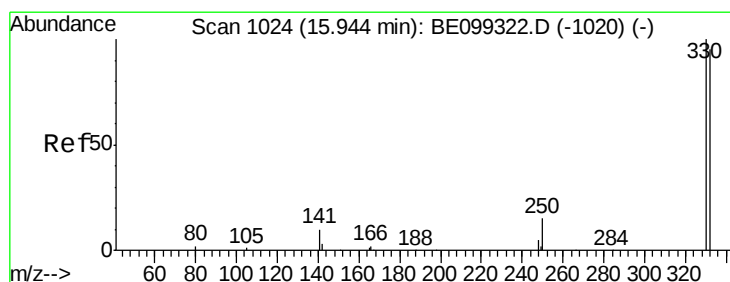
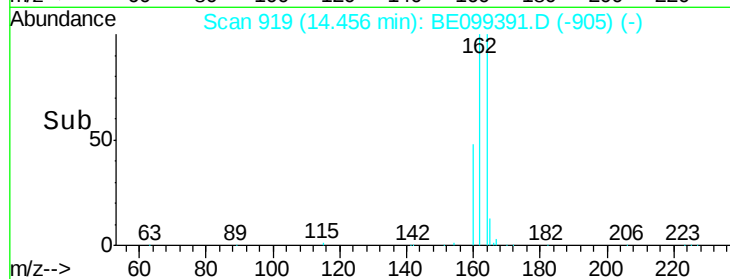
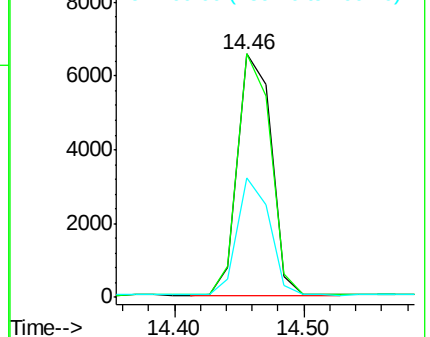
160 49.1 37.1 55.7



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: 0.506 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

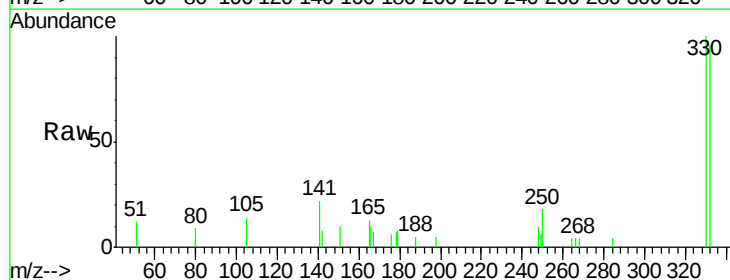
Tgt Ion:330 Resp: 1967

Ion Ratio Lower Upper

330 100

332 93.7 82.5 123.7

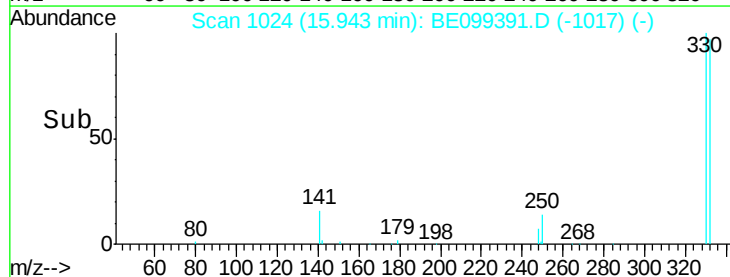
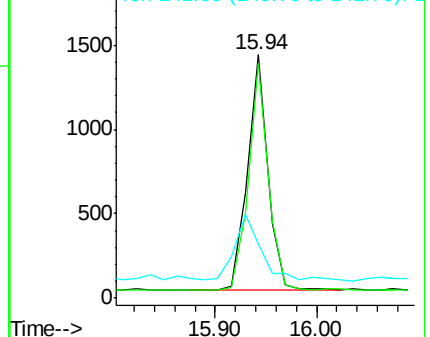
141 36.3 24.9 37.3

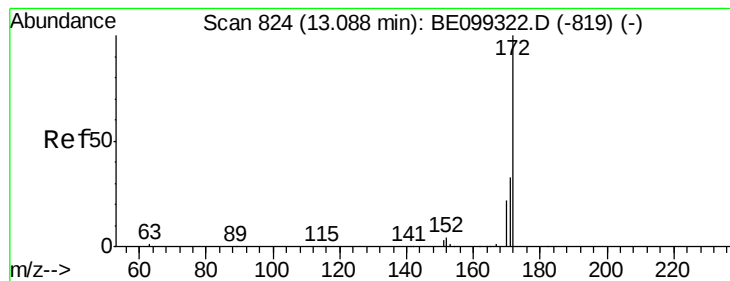


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

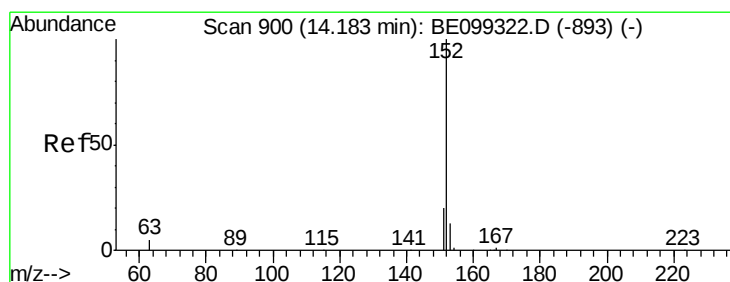
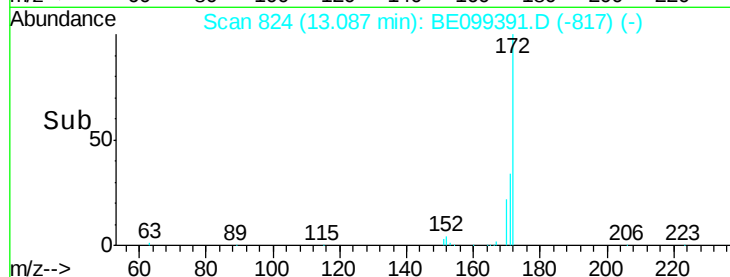
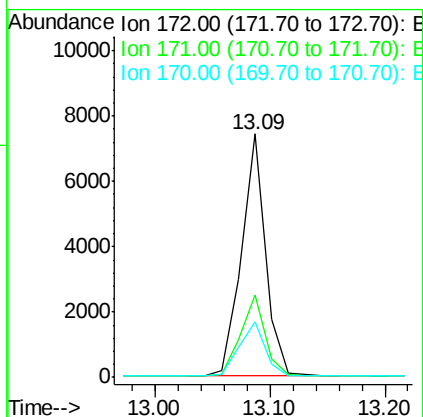
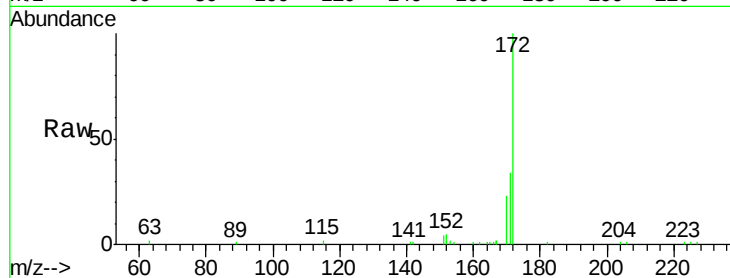




#15
 2-Fluorobiphenyl
 Concen: 0.232 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099391.D
 Acq: 26 Apr 2019 23:30

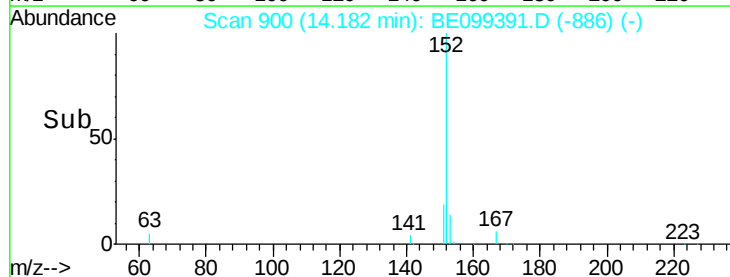
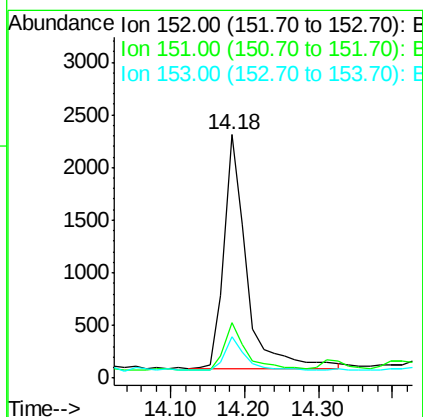
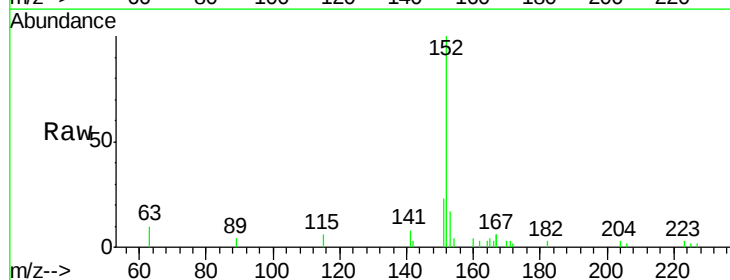
Instrument :
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 PST-023-B182-042219

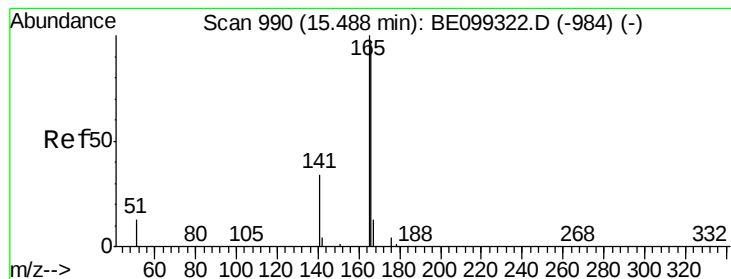
Tot Ion:172 Resp: 10682
 Ion Ratio Lower Upper
 172 100
 171 34.0 26.2 39.2
 170 22.6 18.1 27.1



#16
 Acenaphthylene
 Concen: 0.088 ng
 RT: 14.18 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BE099391.D
 Acq: 26 Apr 2019 23:30

Tgt Ion:152 Resp: 4673
 Ion Ratio Lower Upper
 152 100
 151 20.8 15.5 23.3
 153 13.6 10.2 15.4





#18

Fluorene

Concen: 0.026 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.01 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

Instrument :

BNA_E

ClientSampleId :

PST-023-B182-042219

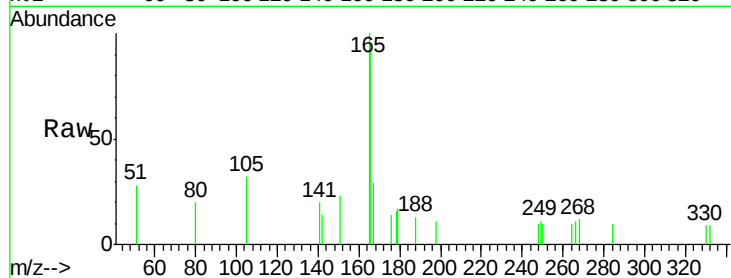
Tot Ion:166 Resp: 1234

Ion Ratio Lower Upper

166 100

165 87.6 79.7 119.5

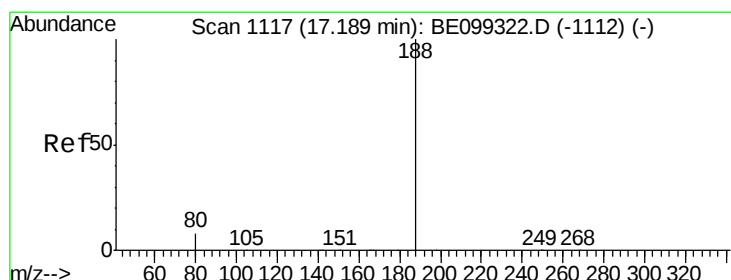
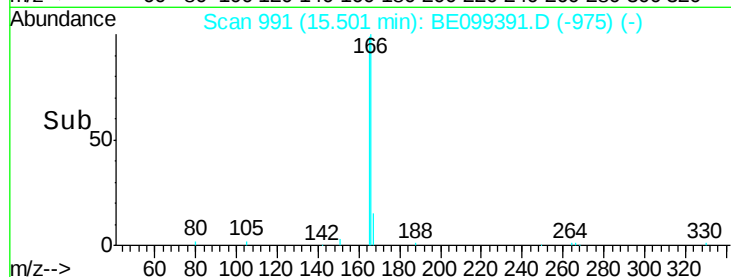
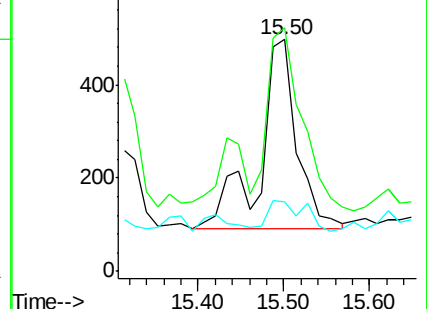
167 16.0 11.0 16.4



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: BE099391.D

Acq: 26 Apr 2019 23:30

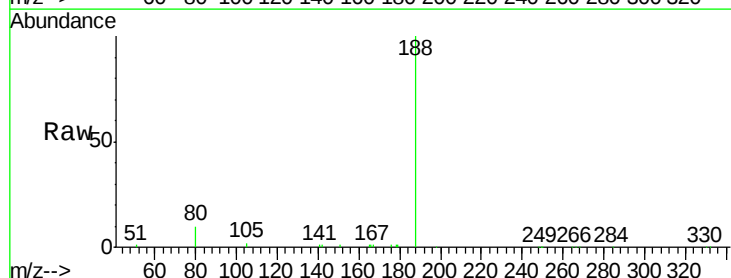
Tgt Ion:188 Resp: 32658

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

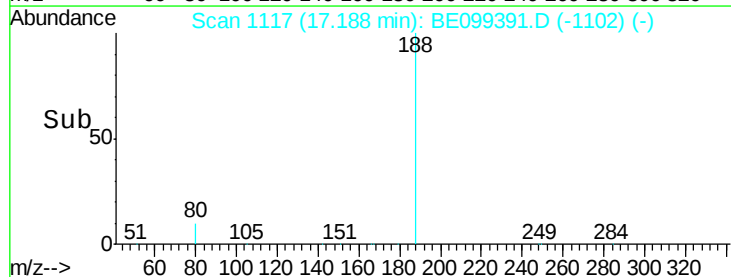
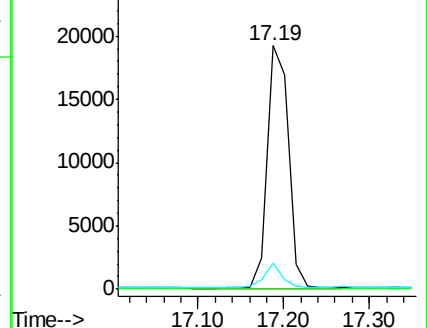
80 10.5 6.2 9.4#

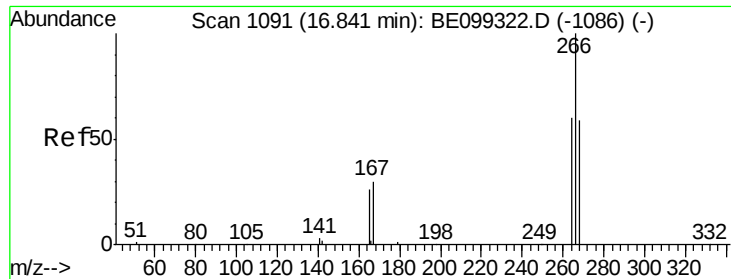


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

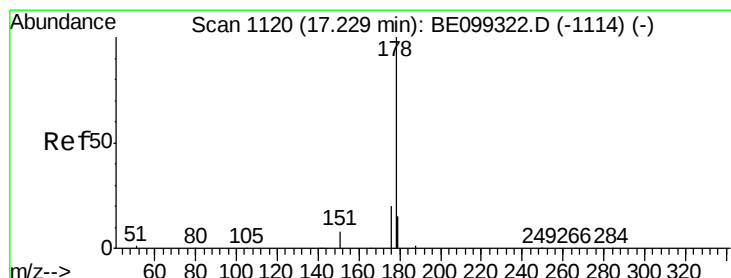
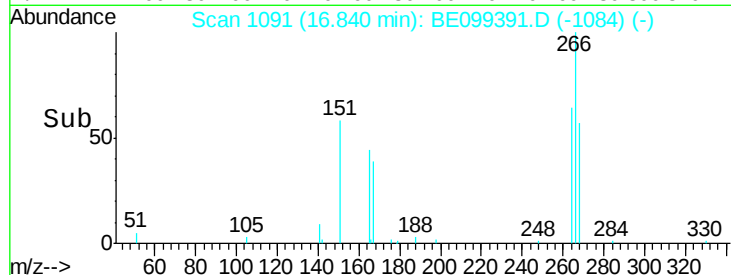
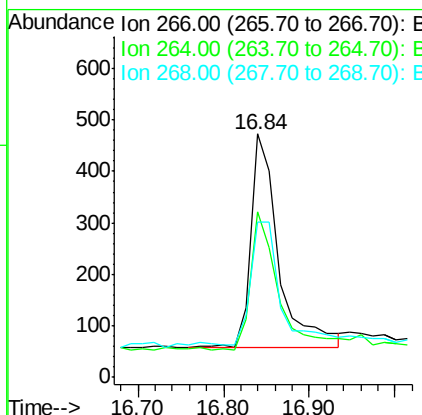
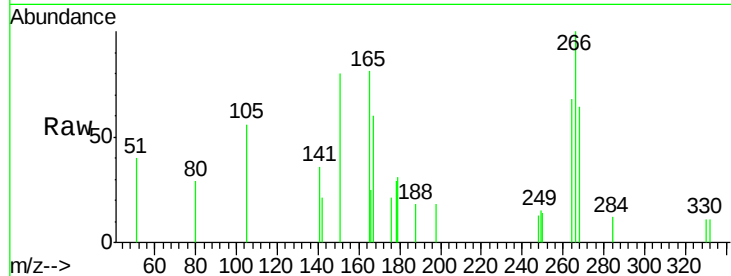




#22
 Pentachlorophenol
 Concen: 0.353 ng
 RT: 16.84 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: BE099391.D
 Acq: 26 Apr 2019 23:30

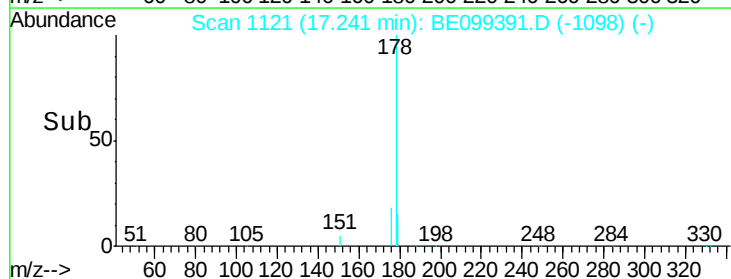
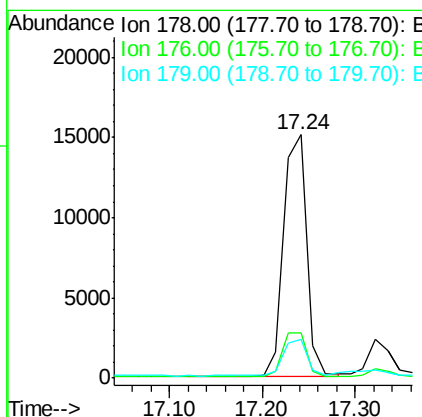
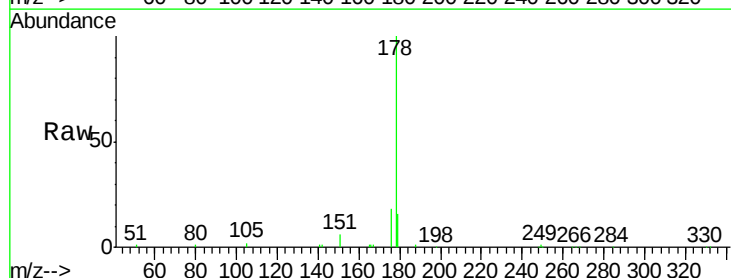
Instrument :
 BNA_E
 ClientSampleId :
 PST-023-B182-042219

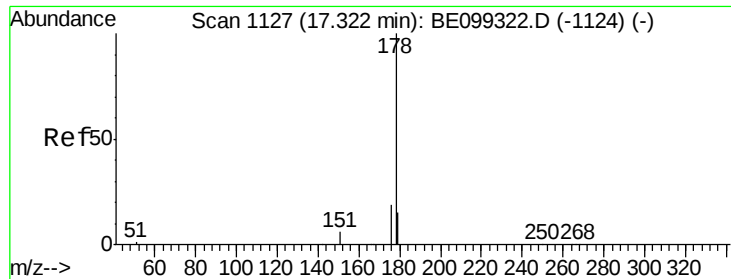
Tot Ion:266 Resp: 934
 Ion Ratio Lower Upper
 266 100
 264 67.9 54.5 81.7
 268 63.8 54.3 81.5



#23
 Phenanthrene
 Concen: 0.301 ng
 RT: 17.24 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BE099391.D
 Acq: 26 Apr 2019 23:30

Tgt Ion:178 Resp: 26063
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 15.7 12.4 18.6





#24

Anthracene

Concen: 0.050 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

Instrument :

BNA_E

ClientSampleId :

PST-023-B182-042219

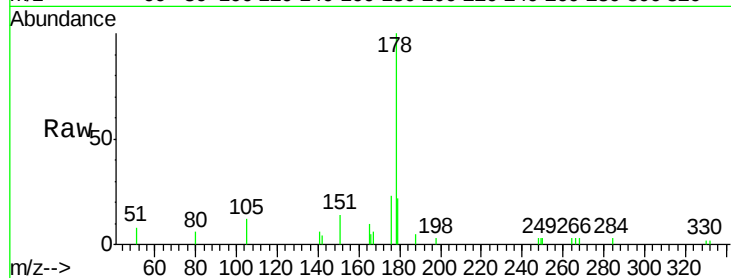
Tot Ion:178 Resp: 3823

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

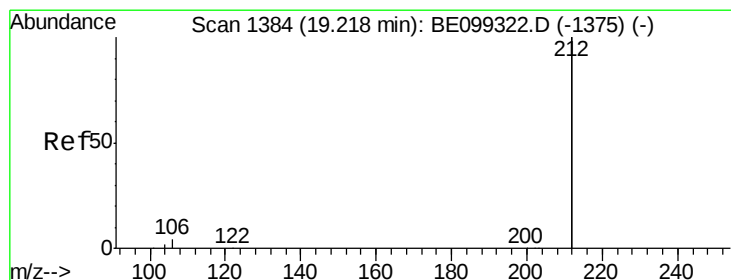
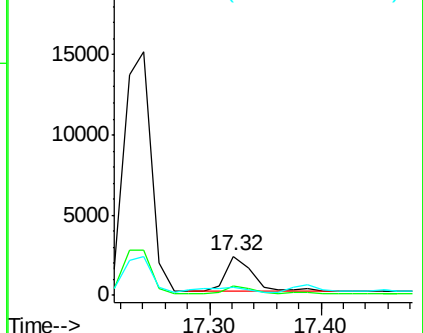
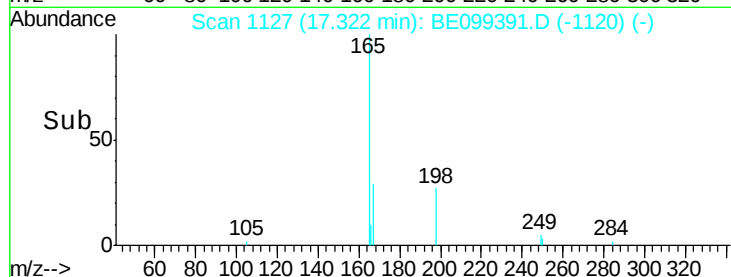
179 20.7 11.9 17.9#



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: 0.228 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

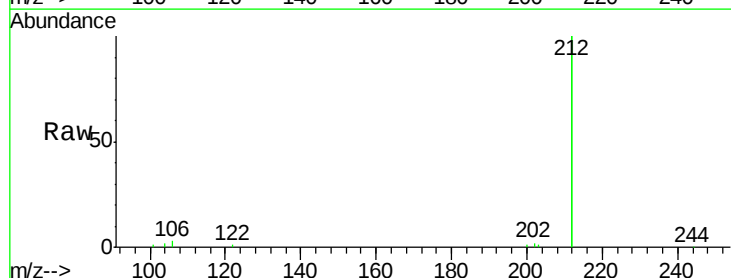
Tgt Ion:212 Resp: 89633

Ion Ratio Lower Upper

212 100

106 1.8 1.8 2.6

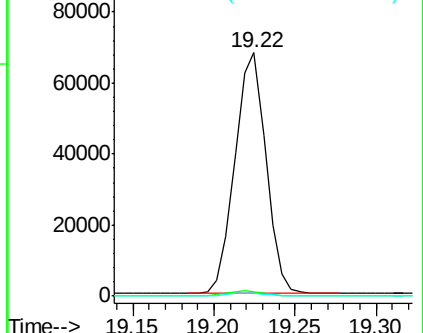
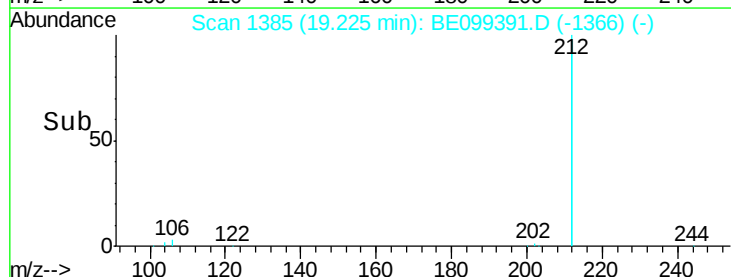
104 1.2 1.0 1.4

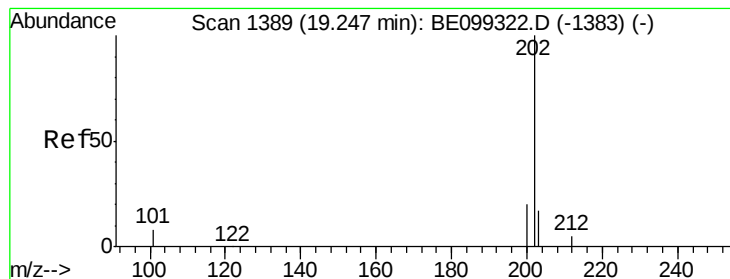


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.514 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

Instrument :

BNA_E

ClientSampleId :

PST-023-B182-042219

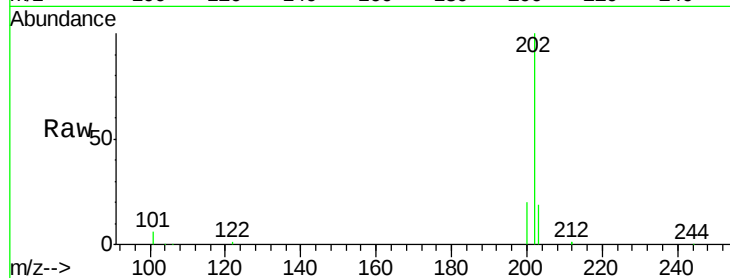
Tot Ion:202 Resp: 59491

Ion Ratio Lower Upper

202 100

101 7.2 6.4 9.6

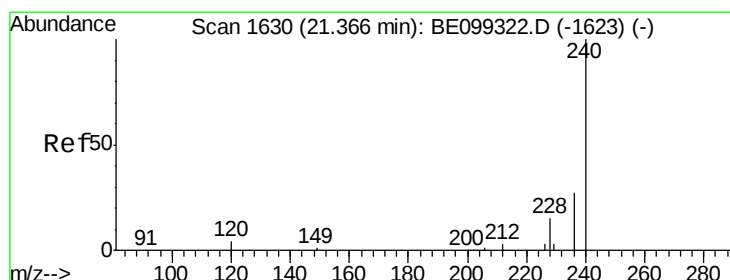
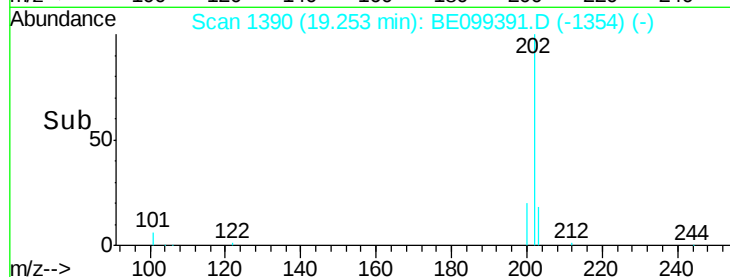
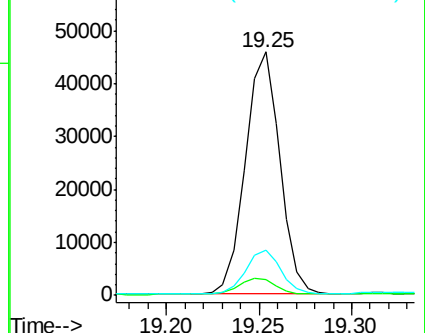
203 17.9 13.5 20.3



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: BE099391.D

Acq: 26 Apr 2019 23:30

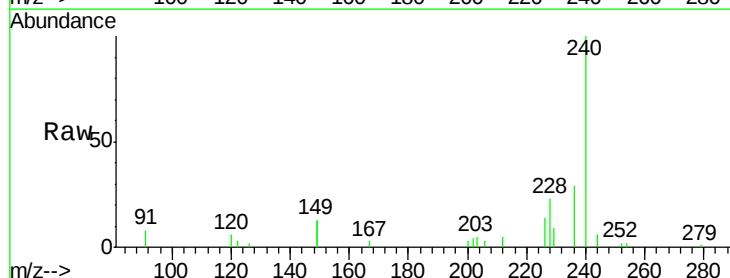
Tgt Ion:240 Resp: 35523

Ion Ratio Lower Upper

240 100

120 6.2 2.2 3.2#

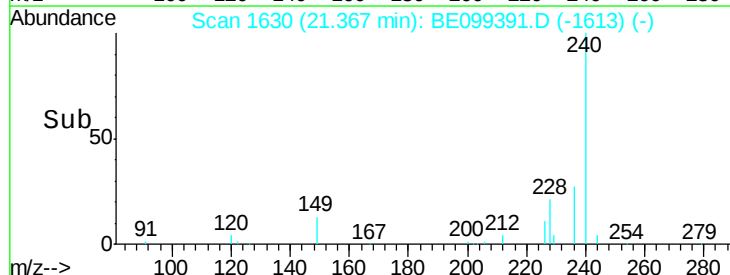
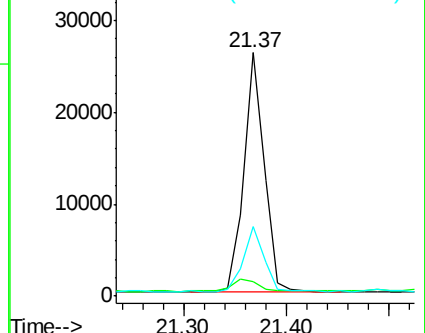
236 28.5 20.2 30.4

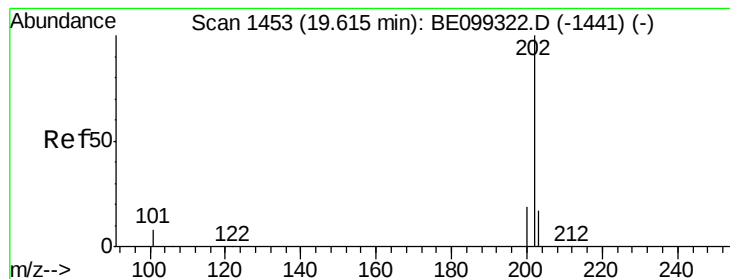


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 0.567 ng

RT: 19.62 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

Instrument :

BNA_E

ClientSampleId :

PST-023-B182-042219

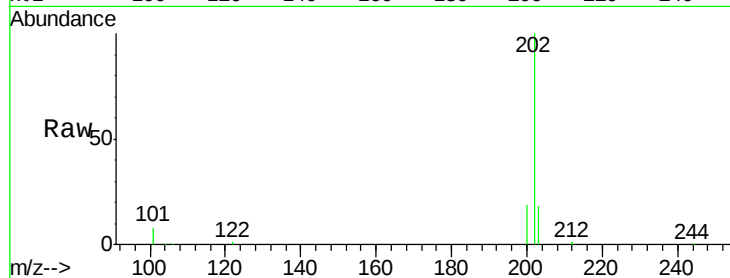
Tot Ion:202 Resp: 59330

Ion Ratio Lower Upper

202 100

200 19.7 15.7 23.5

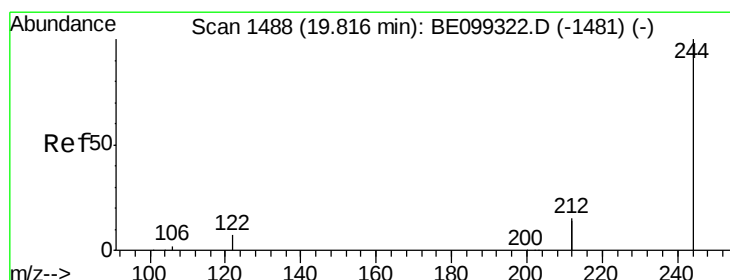
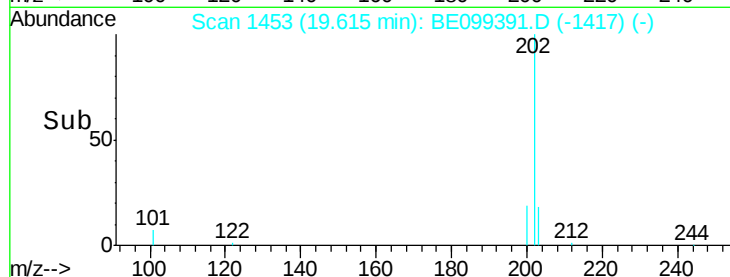
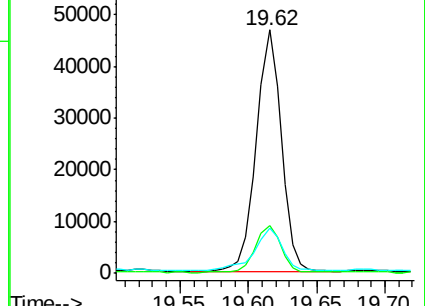
203 20.4 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.216 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

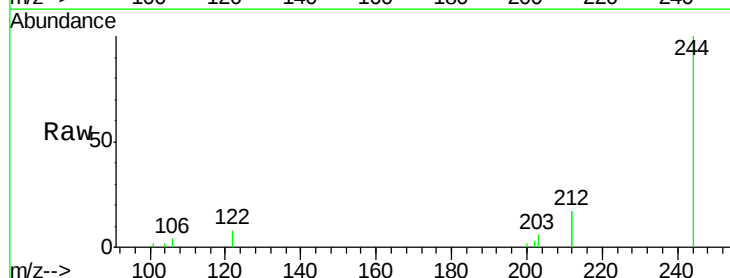
Tgt Ion:244 Resp: 15111

Ion Ratio Lower Upper

244 100

212 33.9 22.6 33.8#

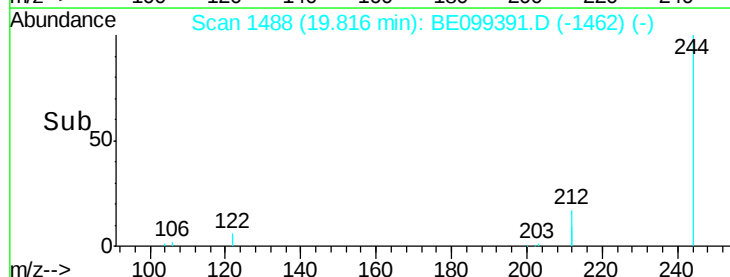
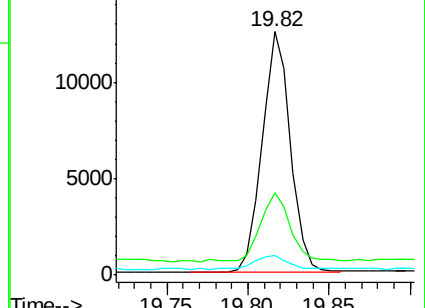
122 8.2 4.6 7.0#

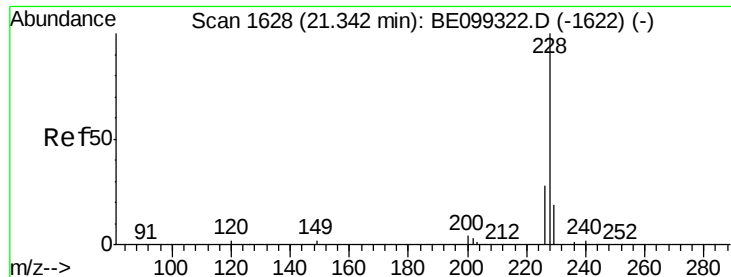


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.323 ng

RT: 21.36 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

Instrument :

BNA_E

ClientSampleId :

PST-023-B182-042219

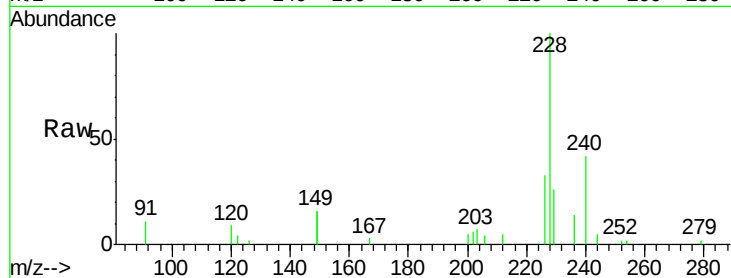
Tot Ion:228 Resp: 33778

Ion Ratio Lower Upper

228 100

226 33.0 22.0 33.0

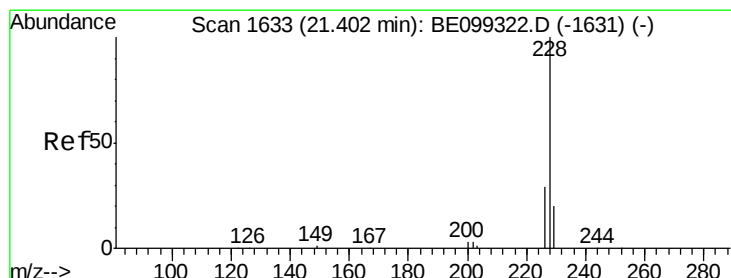
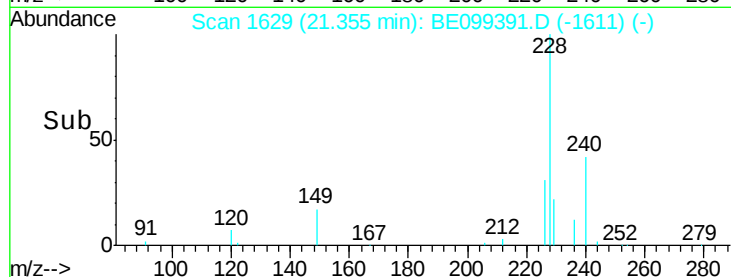
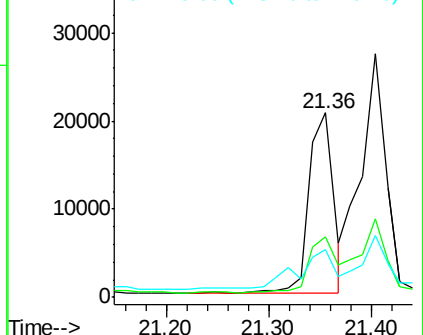
229 26.1 15.8 23.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.417 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

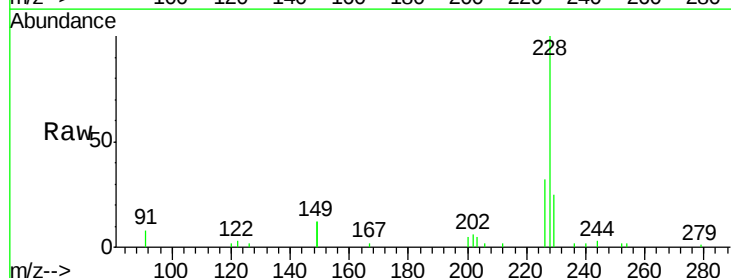
Tgt Ion:228 Resp: 46302

Ion Ratio Lower Upper

228 100

226 32.5 23.4 35.2

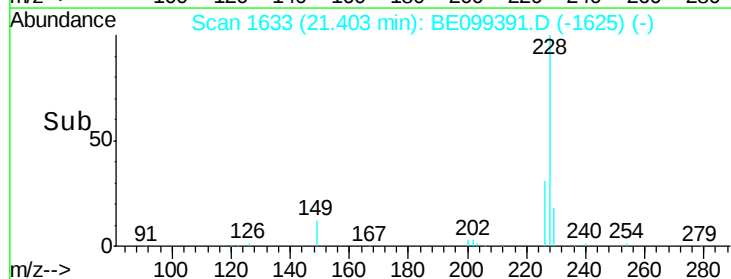
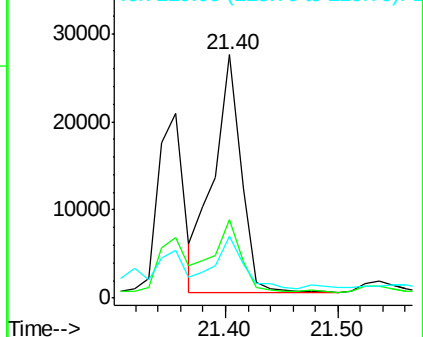
229 25.5 16.2 24.2#

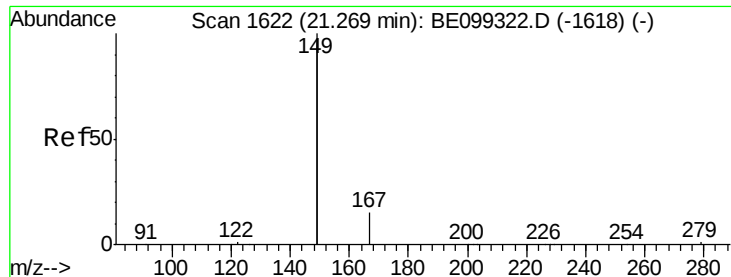


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.496 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

Instrument :

BNA_E

ClientSampleId :

PST-023-B182-042219

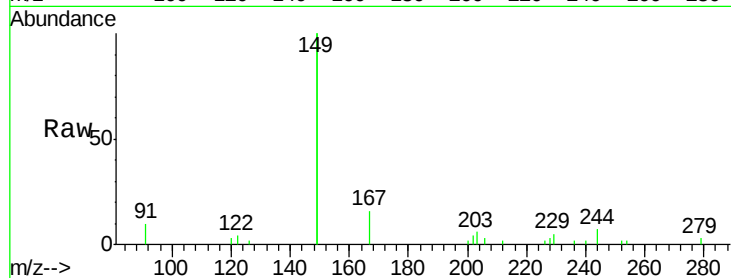
Tot Ion:149 Resp: 47120

Ion Ratio Lower Upper

149 100

167 7.1 6.0 9.0

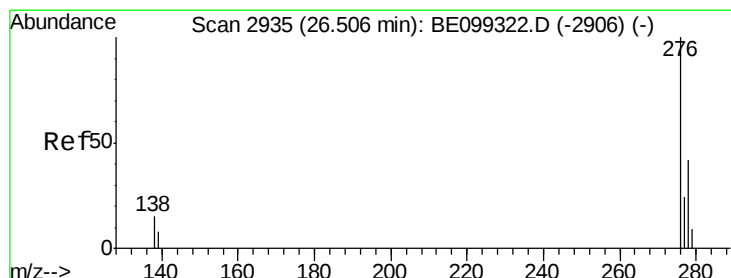
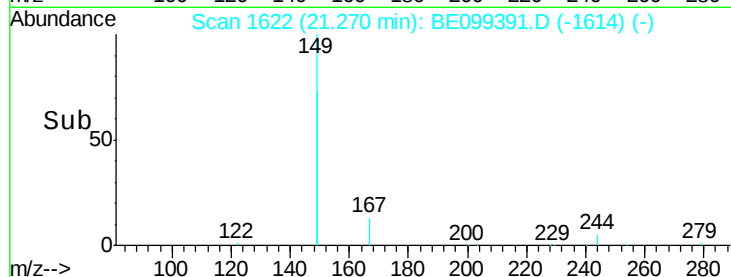
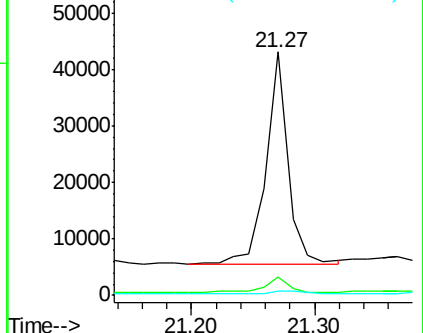
279 1.6 1.1 1.7



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: 0.241 ng

RT: 26.52 min Scan# 2940

Delta R.T. 0.03 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

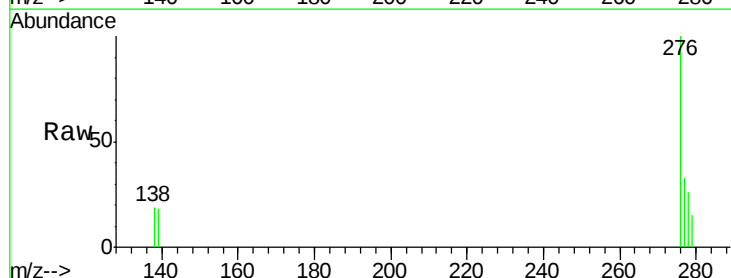
Tgt Ion:276 Resp: 26460

Ion Ratio Lower Upper

276 100

138 11.9 12.7 19.1#

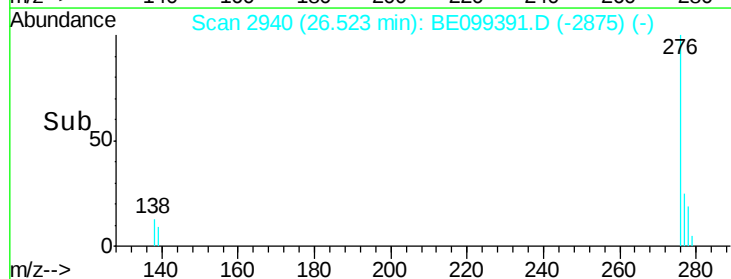
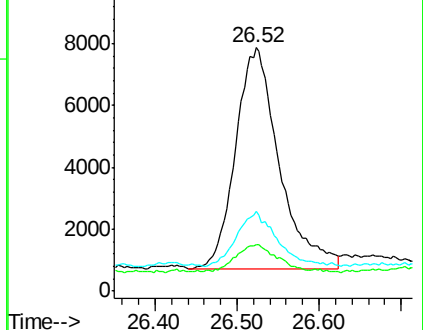
277 23.4 19.6 29.4

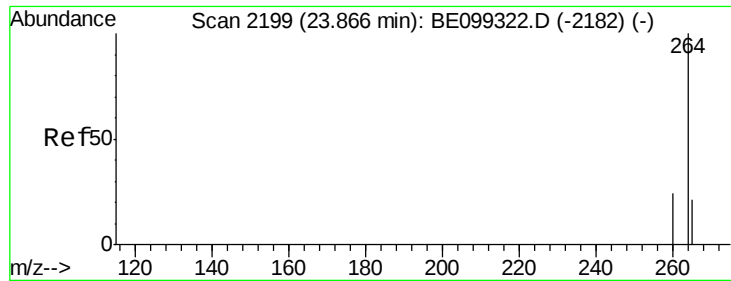


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

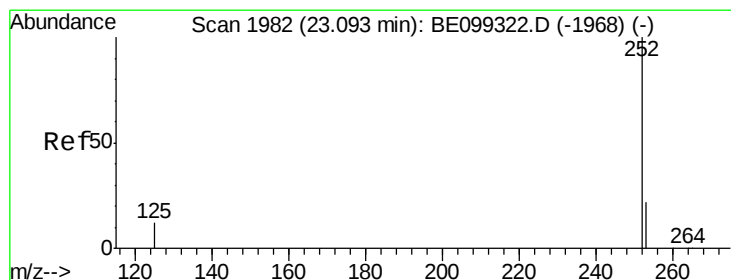
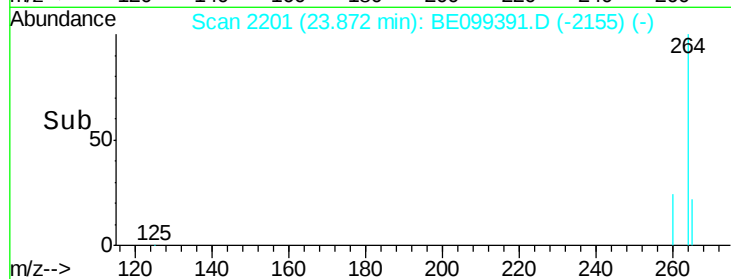
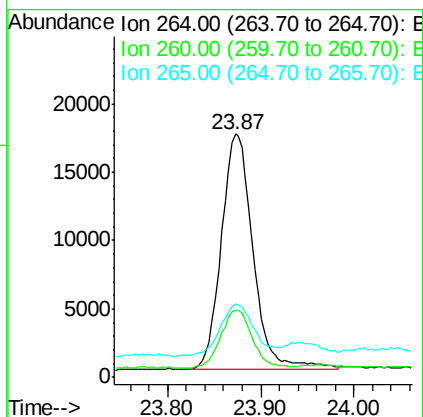
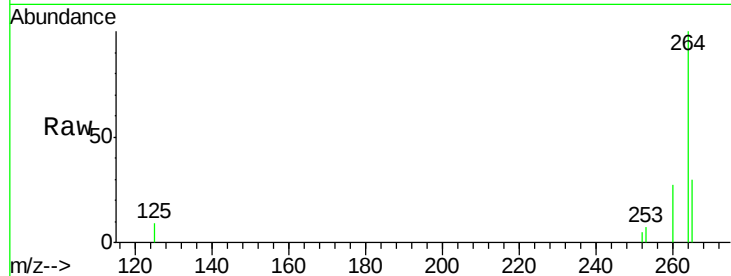




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BE099391.D
Acq: 26 Apr 2019 23:30

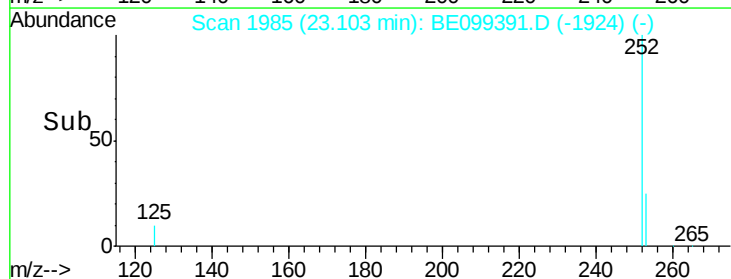
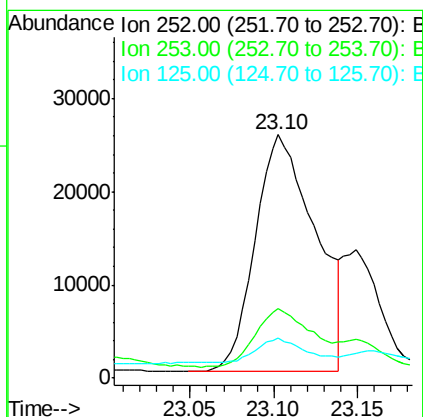
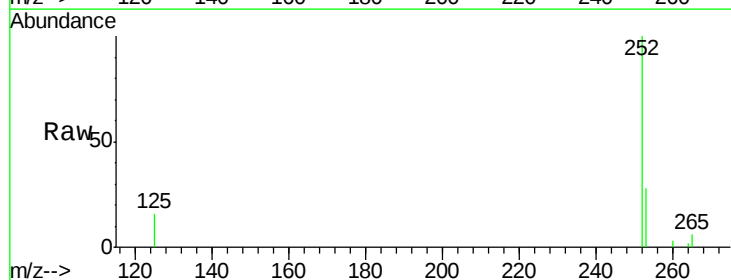
Instrument :
BNA_E
ClientSampleId :
PST-023-B182-042219

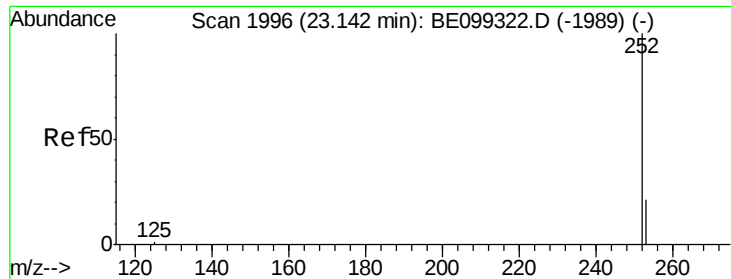
Tot Ion:264 Resp: 41224
Ion Ratio Lower Upper
264 100
260 27.4 20.1 30.1
265 30.3 19.9 29.9#



#35
Benzo(b)fluoranthene
Concen: 0.503 ng
RT: 23.10 min Scan# 1985
Delta R.T. 0.02 min
Lab File: BE099391.D
Acq: 26 Apr 2019 23:30

Tgt Ion:252 Resp: 63504
Ion Ratio Lower Upper
252 100
253 28.5 17.3 25.9#
125 16.3 5.8 8.6#





#36

Benzo(k)fluoranthene

Concen: 0.505 ng

RT: 23.10 min Scan# 1985

Delta R.T. -0.03 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

Instrument :

BNA_E

ClientSampleId :

PST-023-B182-042219

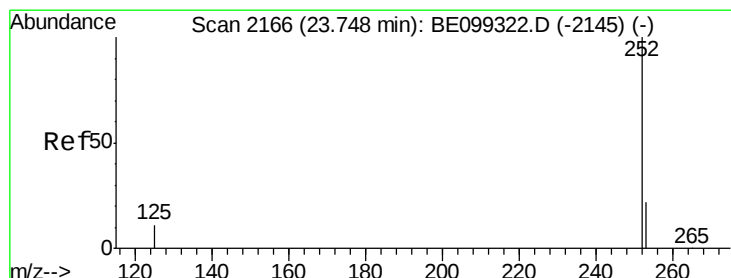
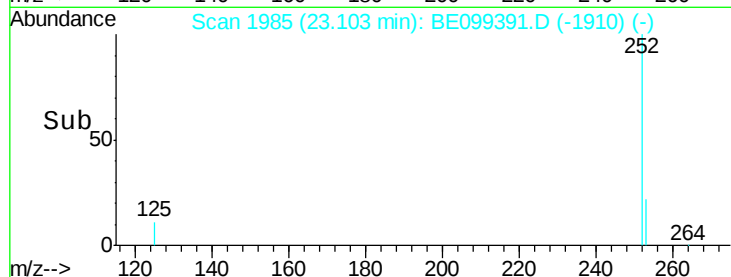
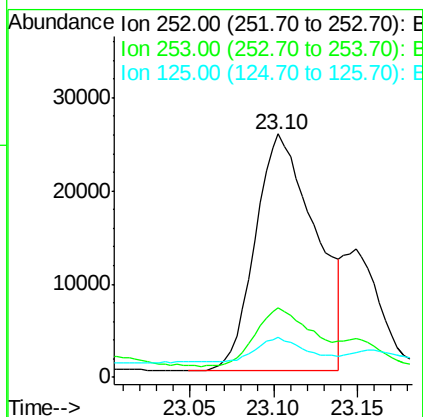
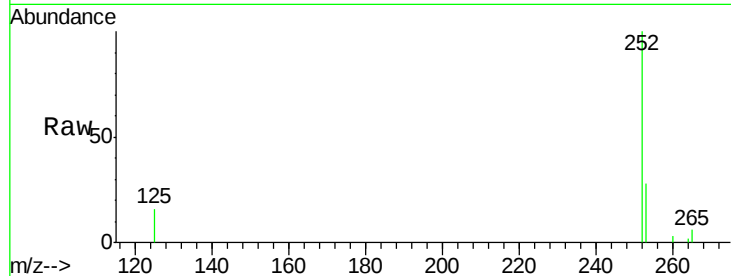
Tot Ion:252 Resp: 63504

Ion Ratio Lower Upper

252 100

253 28.5 18.4 27.6#

125 16.3 5.4 8.0#



#37

Benzo(a)pyrene

Concen: 0.320 ng

RT: 23.76 min Scan# 2169

Delta R.T. 0.01 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

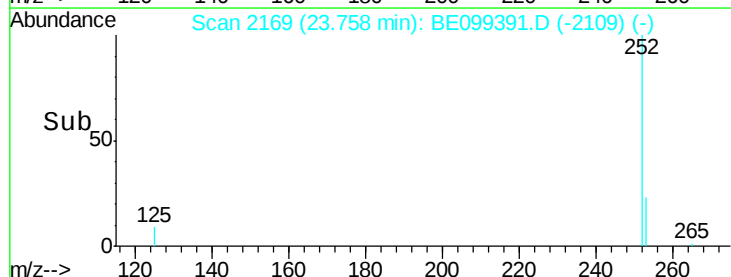
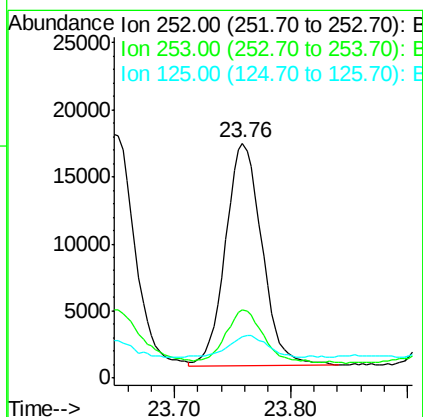
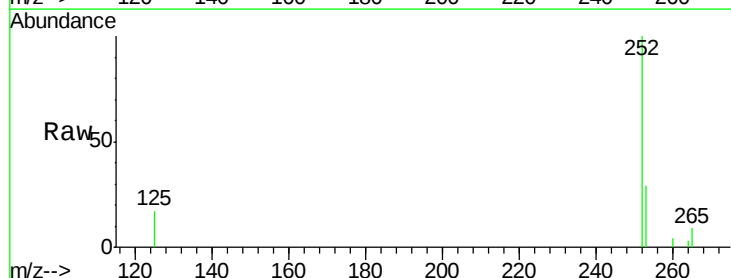
Tgt Ion:252 Resp: 36188

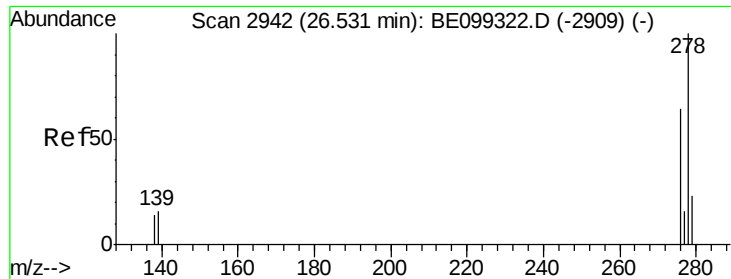
Ion Ratio Lower Upper

252 100

253 29.0 17.6 26.4#

125 17.5 6.5 9.7#





#38

Dibenzo(a,h)anthracene

Concen: 0.058 ng

RT: 26.54 min Scan# 2944

Delta R.T. 0.02 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

Instrument :

BNA_E

ClientSampleId :

PST-023-B182-042219

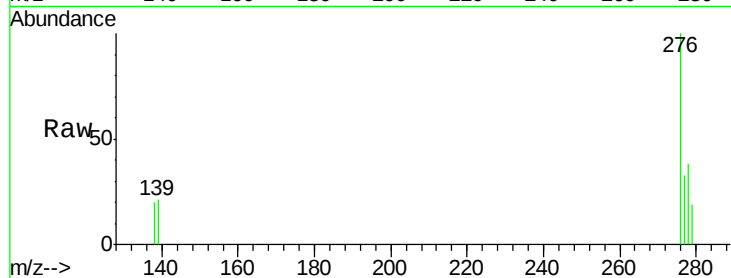
Tot Ion:278 Resp: 6726

Ion Ratio Lower Upper

278 100

139 55.5 8.5 12.7#

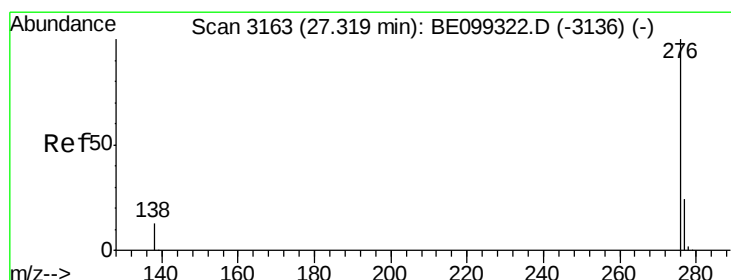
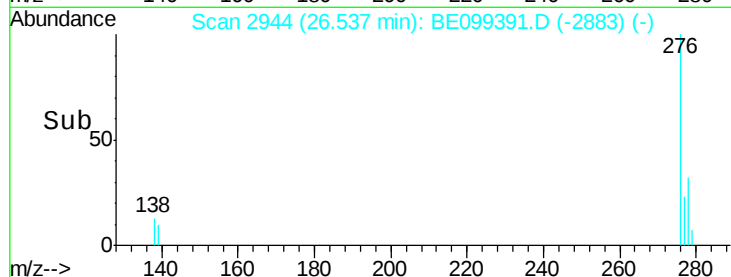
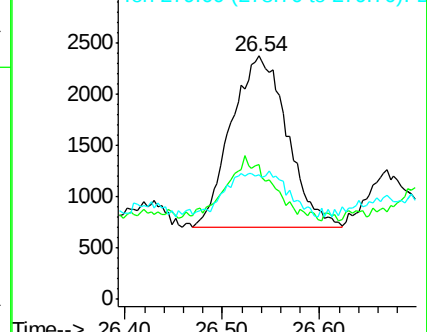
279 50.9 19.8 29.8#



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: 0.224 ng

RT: 27.35 min Scan# 3171

Delta R.T. 0.04 min

Lab File: BE099391.D

Acq: 26 Apr 2019 23:30

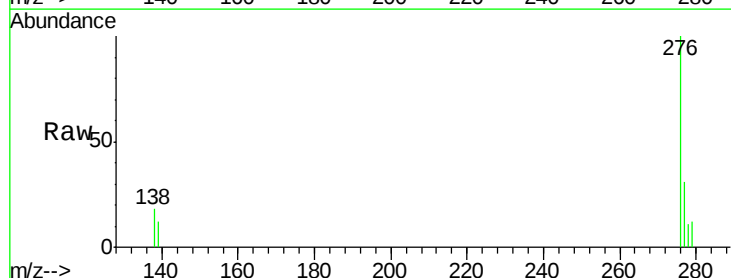
Tgt Ion:276 Resp: 26272

Ion Ratio Lower Upper

276 100

277 31.3 20.0 30.0#

138 18.0 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

