

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099623.D
 Acq On : 16 May 2019 14:48
 Operator : JU/SJ
 Sample : K2551-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-PAH-SOIL

Quant Time: May 17 07:01:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1641	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	5853	0.40	ng	0.01
13) Acenaphthene-d10	14.48	164	4255	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12634	0.40	ng	0.00
27) Chrysene-d12	21.43	240	15570	0.40	ng	0.01
34) Perylene-d12	23.97	264	17890	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1676	0.36	ng	0.01
5) Phenol-d6	6.98	99	2402	0.41	ng	0.00
8) Nitrobenzene-d5	8.98	82	2014	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4198	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1031	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	6301	0.38	ng	0.01
25) Fluoranthene-d10	19.27	212	68957	0.41	ng	0.00
29) Terphenyl-d14	19.86	244	14758	0.53	ng	0.00

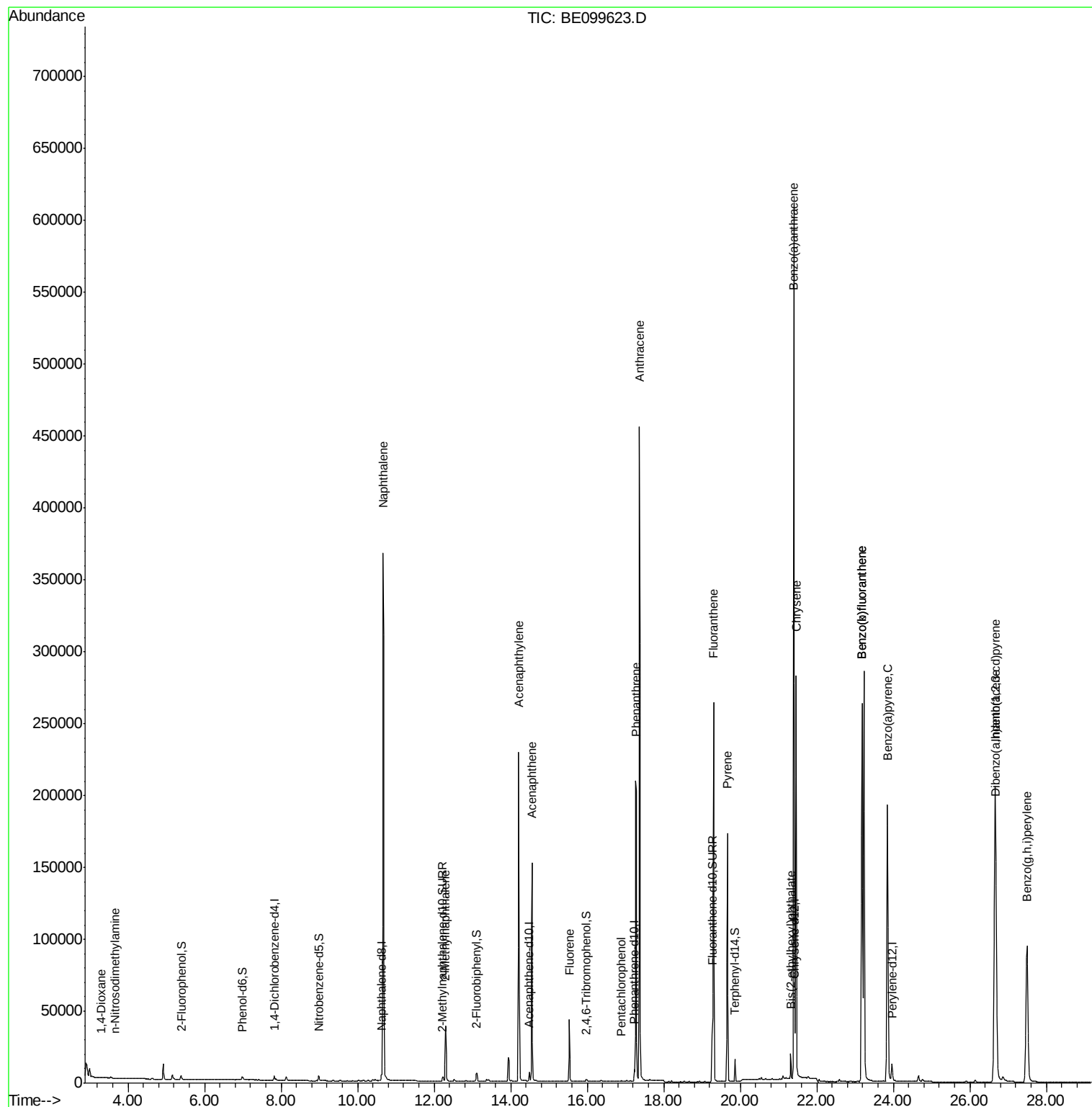
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	88	0.036	ng	# 58
3) n-Nitrosodimethylamine	3.67	42	33	0.021	ng	# 1
9) Naphthalene	10.67	128	638934	10.259	ng	99
12) 2-Methylnaphthalene	12.29	142	26388	2.565	ng	98
16) Acenaphthylene	14.21	152	246450	12.266	ng	99
17) Acenaphthene	14.56	154	82162	7.245	ng	98
18) Fluorene	15.53	166	29980	1.843	ng	99
22) Pentachlorophenol	16.89	266	218	0.327	ng	94
23) Phenanthrene	17.27	178	266960	8.512	ng	100
24) Anthracene	17.36	178	499394	17.263	ng	100
26) Fluoranthene	19.30	202	245100	5.166	ng	100
28) Pyrene	19.66	202	156796	3.951	ng	100
30) Benzo(a)anthracene	21.40	228	518384	11.017	ng	99
31) Chrysene	21.46	228	269278	5.557	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	18977	0.262	ng	100
33) Indeno(1,2,3-cd)pyrene	26.66	276	458663	7.604	ng	98
35) Benzo(b)fluoranthene	23.18	252	372657	7.450	ng	# 95
36) Benzo(k)fluoranthene	23.18	252	372657	7.544	ng	98
37) Benzo(a)pyrene	23.85	252	330795	6.827	ng	# 94
38) Dibenzo(a,h)anthracene	26.69	278	141534	2.817	ng	97
39) Benzo(g,h,i)perylene	27.49	276	252884	5.005	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOIL

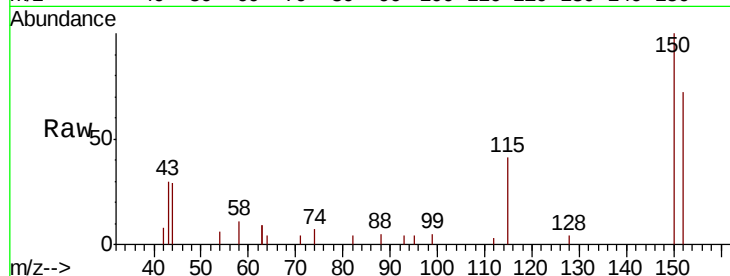
Tgt Ion: 152 Resp: 1641

Ion Ratio Lower Upper

152 100

150 139.5 110.1 165.1

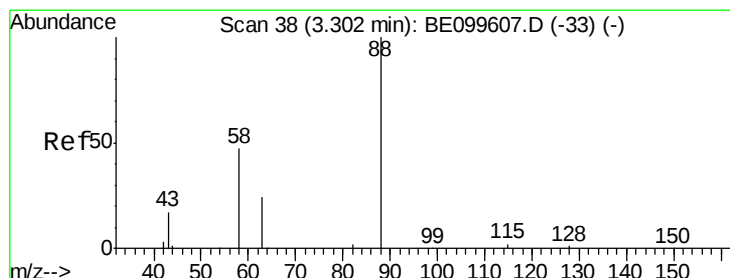
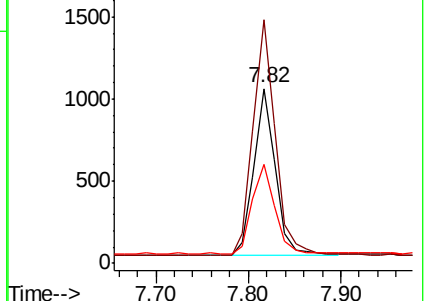
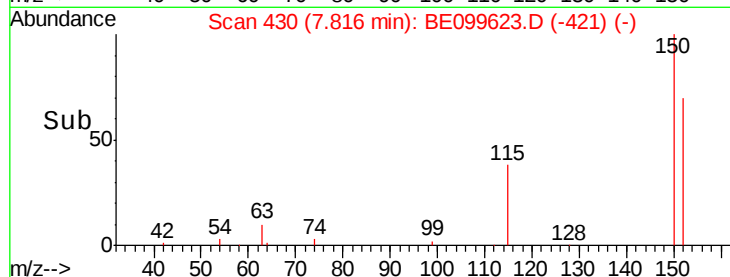
115 56.8 46.2 69.4



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: 0.036 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.01 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

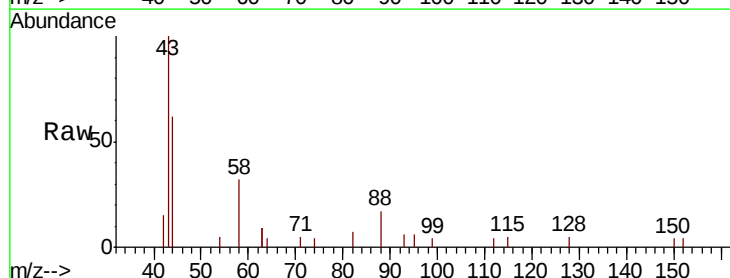
Tgt Ion: 88 Resp: 88

Ion Ratio Lower Upper

88 100

58 75.0 39.8 59.6#

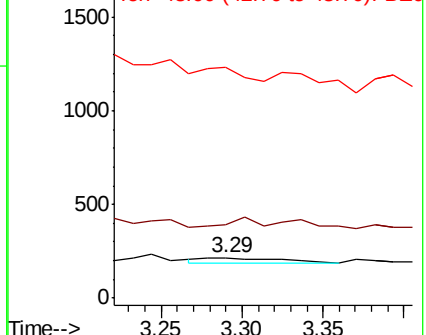
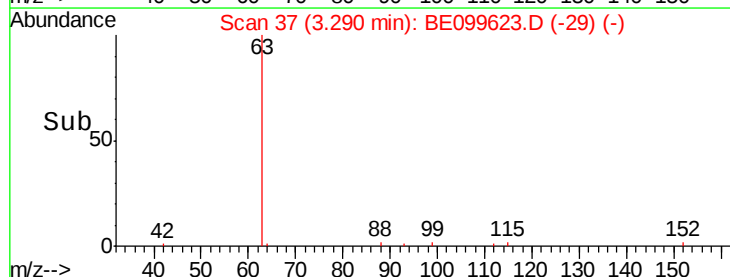
43 0.0 21.0 31.6#



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.021 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.05 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

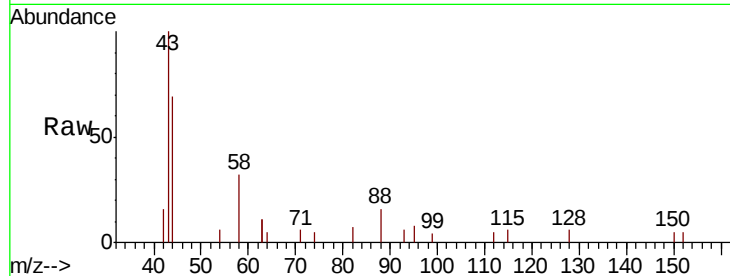
Instrument :

BNA_E

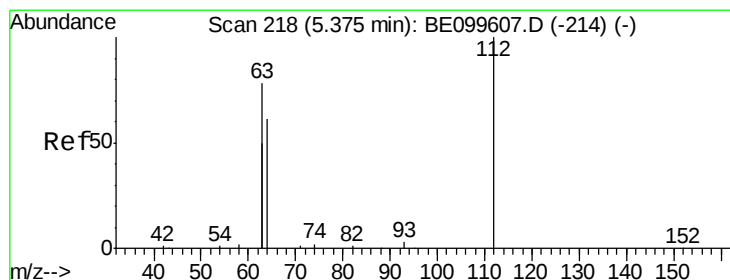
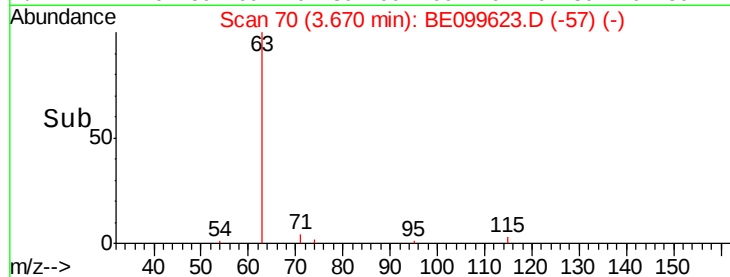
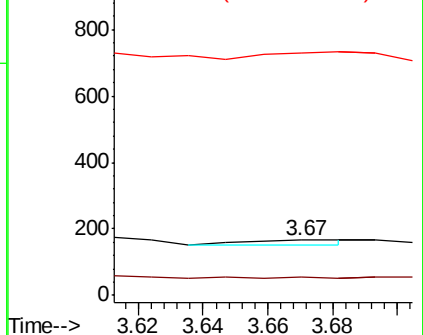
ClientSampleId :

PT-PAH-SOIL

Tgt Ion:	42	Resp:	33
Ion	Ratio	Lower	Upper
42	100		
74	0.0	134.7	202.1#
44	0.0	12.5	18.7#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.360 ng

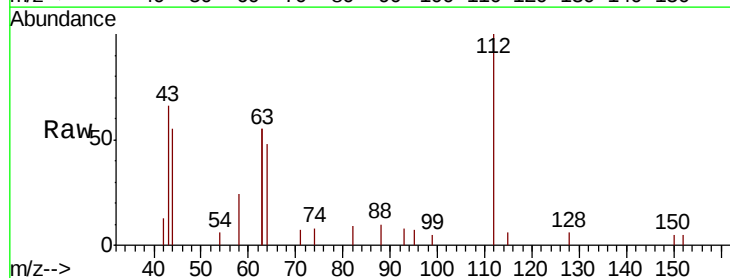
RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

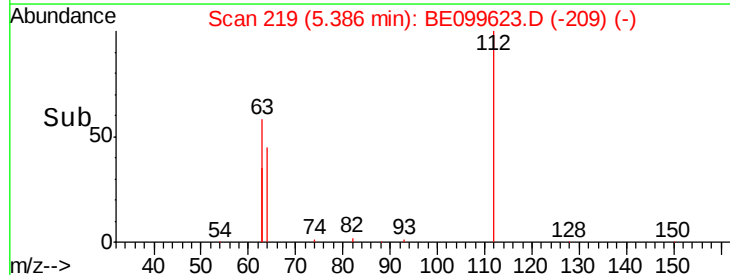
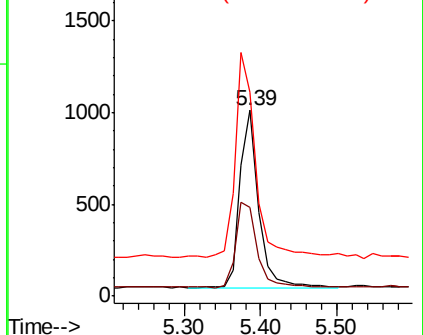
Lab File: BE099623.D

Acq: 16 May 2019 14:48

Tgt Ion:	112	Resp:	1676
Ion	Ratio	Lower	Upper
112	100		
64	55.2	43.7	65.5
63	125.9	94.0	141.0



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: 0.407 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOIL

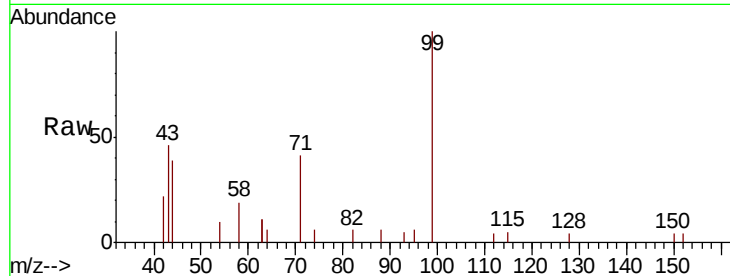
Tgt Ion: 99 Resp: 2402

Ion Ratio Lower Upper

99 100

42 17.8 14.3 21.5

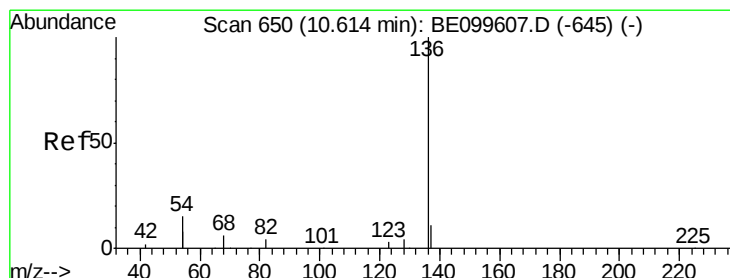
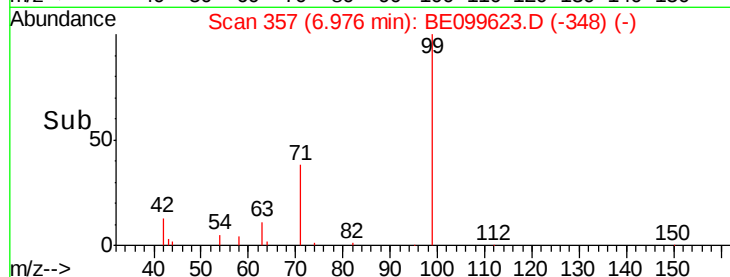
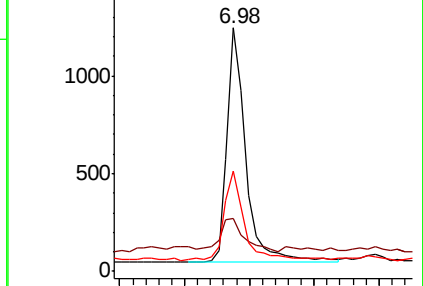
71 39.3 33.1 49.7



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: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

Tgt Ion: 136 Resp: 5853

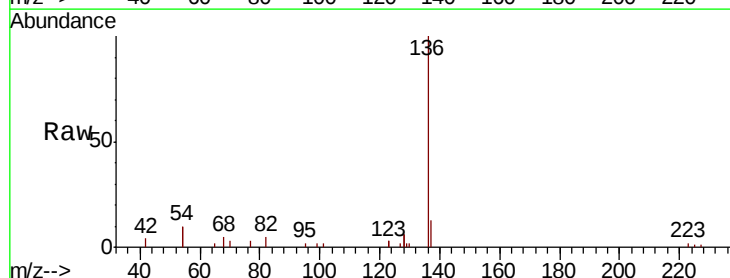
Ion Ratio Lower Upper

136 100

137 12.6 9.7 14.5

54 19.2 23.8 35.8#

68 5.3 6.2 9.2#

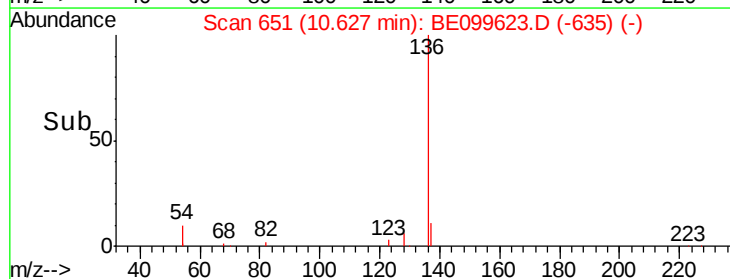
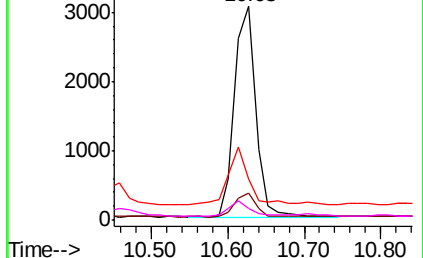


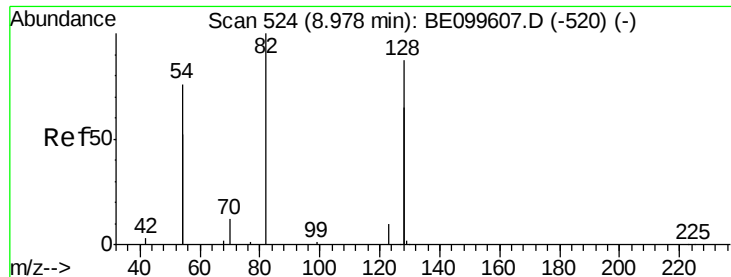
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.355 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

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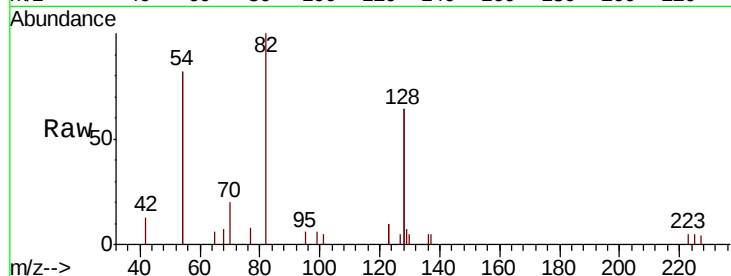
Tgt Ion: 82 Resp: 2014

Ion Ratio Lower Upper

82 100

128 127.1 131.4 197.2#

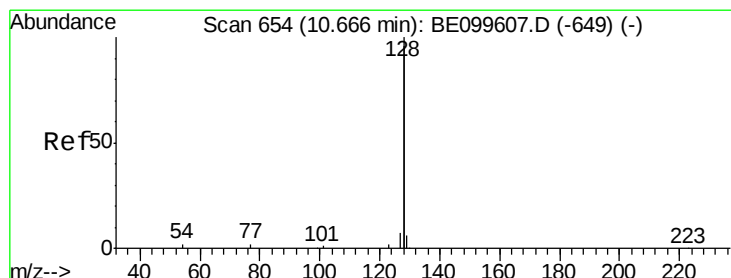
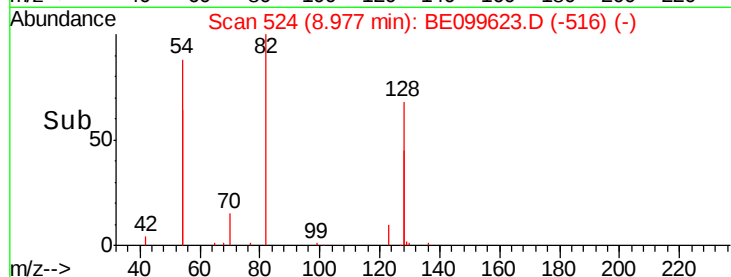
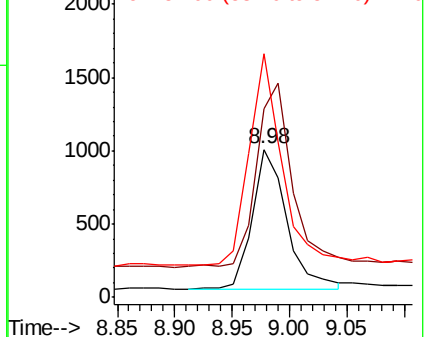
54 164.6 113.9 170.9



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: 10.259 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

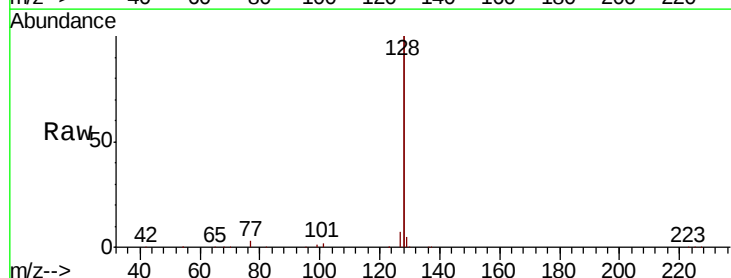
Tgt Ion: 128 Resp: 638934

Ion Ratio Lower Upper

128 100

129 2.7 2.6 4.0

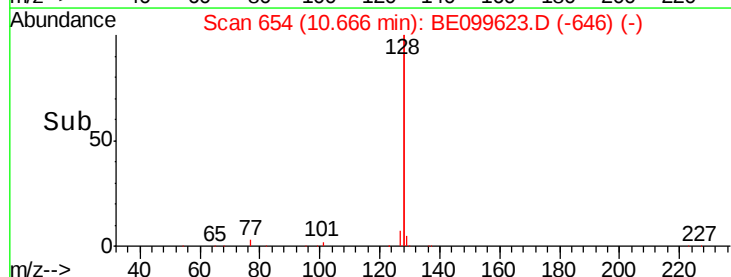
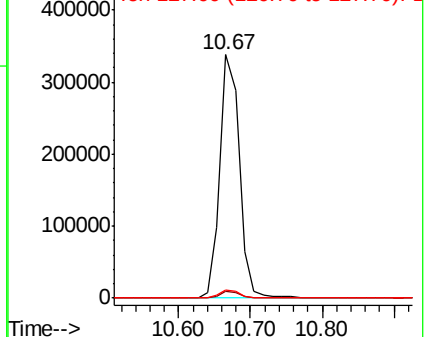
127 3.4 3.0 4.6

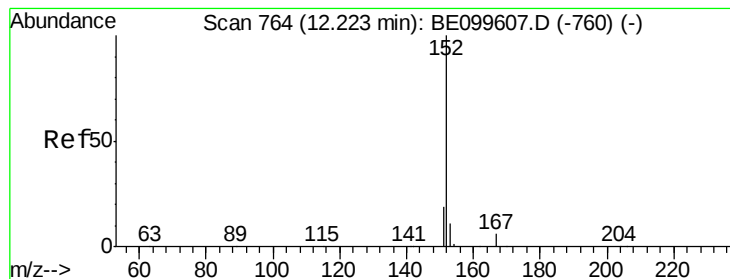


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.426 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

Instrument :

BNA_E

ClientSampleId :

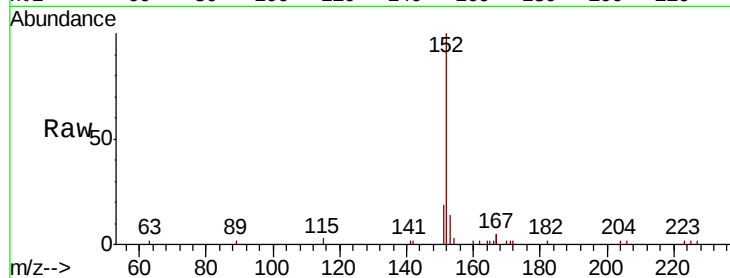
PT-PAH-SOIL

Tgt Ion:152 Resp: 4198

Ion Ratio Lower Upper

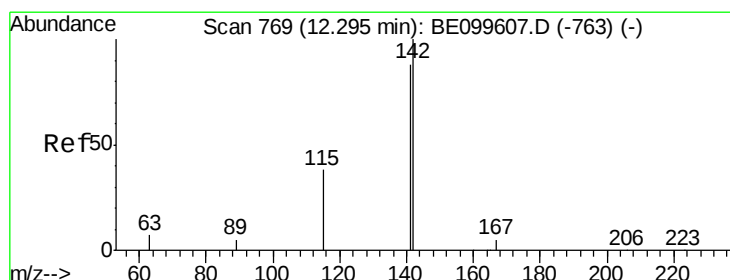
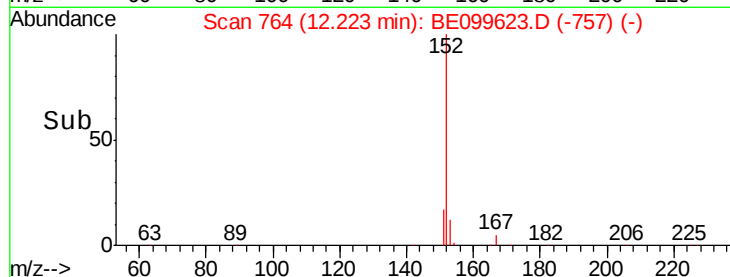
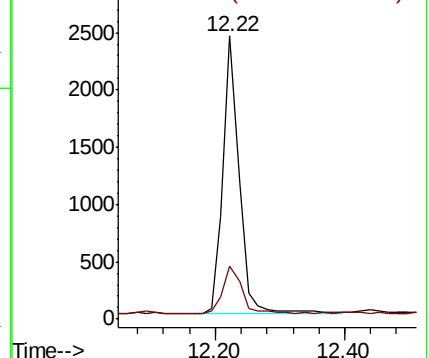
152 100

151 20.2 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 2.565 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

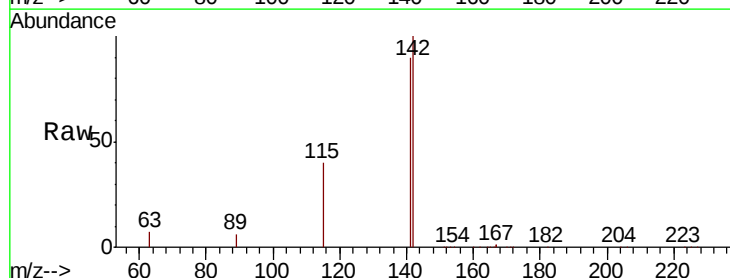
Tgt Ion:142 Resp: 26388

Ion Ratio Lower Upper

142 100

141 90.5 70.4 105.6

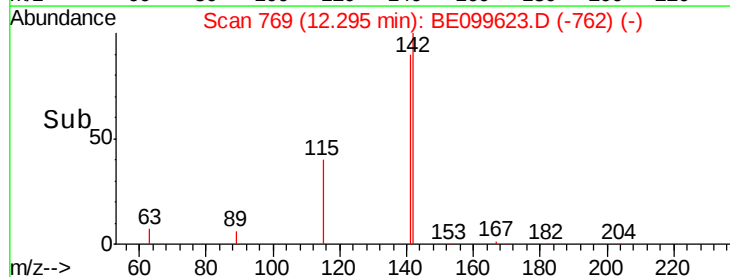
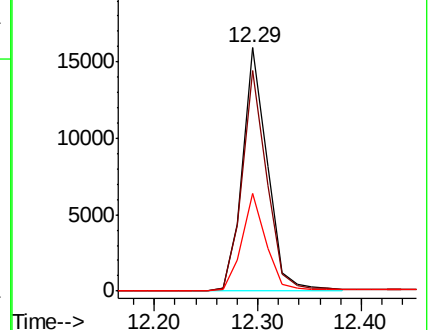
115 40.0 32.2 48.4

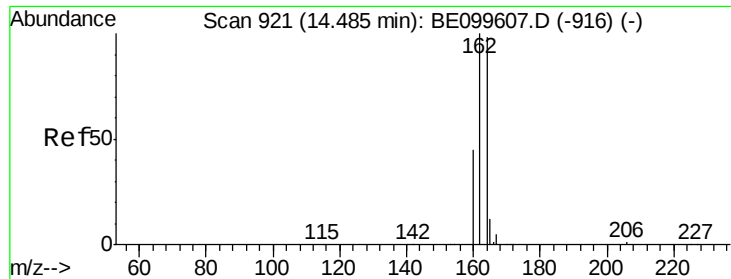


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

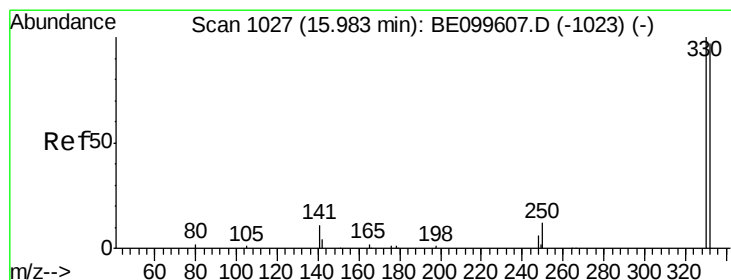
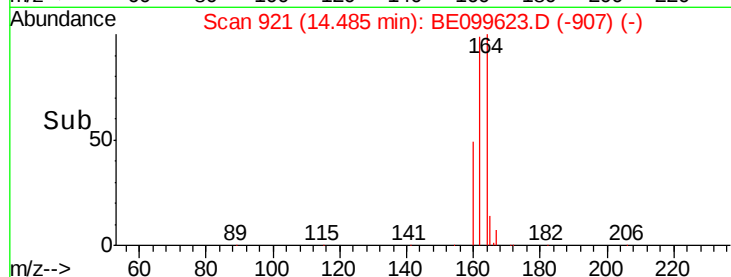
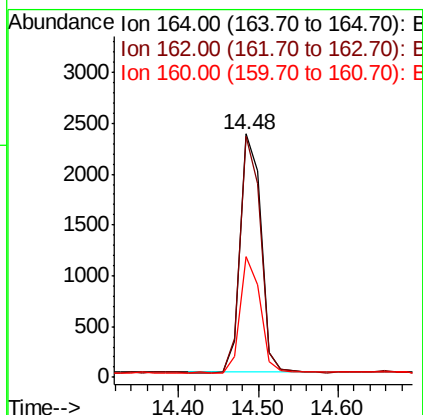
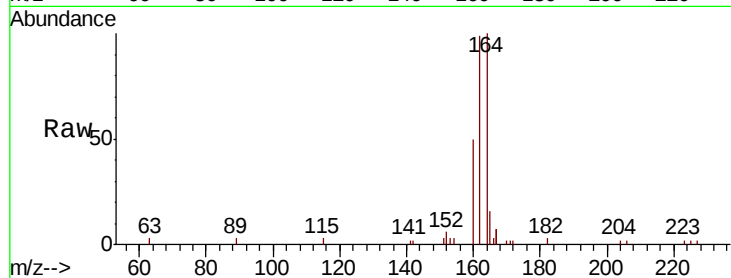




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.48 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE099623.D
 Acq: 16 May 2019 14:48

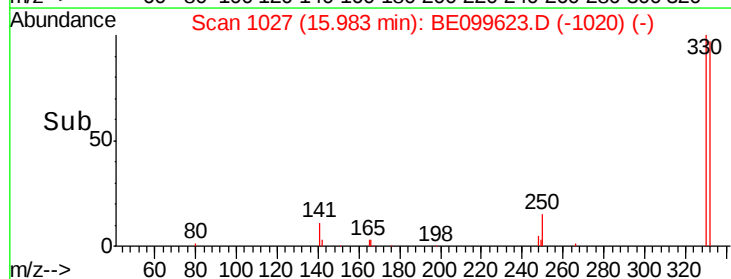
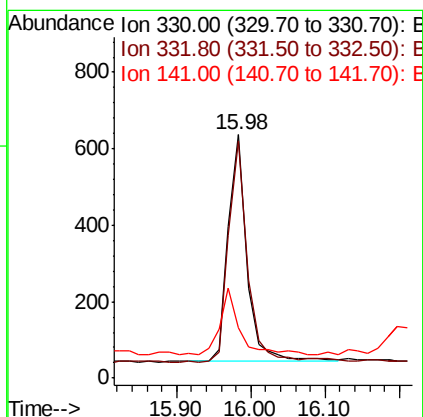
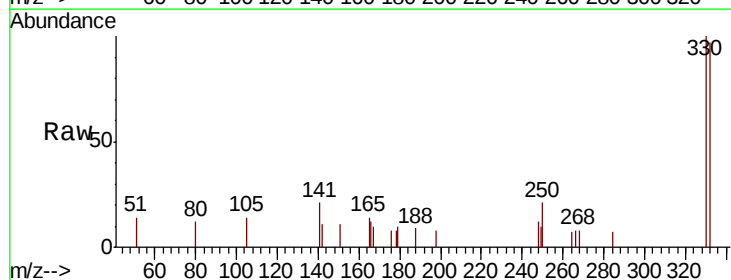
Instrument :
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 PT-PAH-SOIL

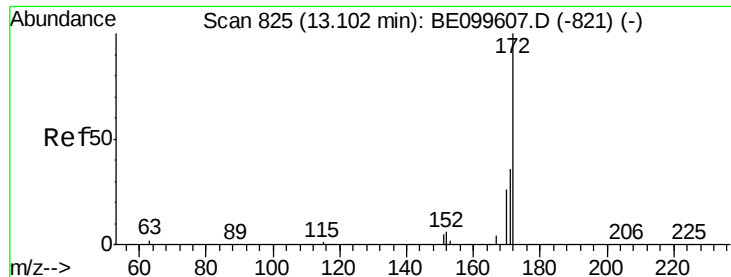
Tgt Ion:164 Resp: 4255
 Ion Ratio Lower Upper
 164 100
 162 99.2 81.4 122.0
 160 49.8 37.4 56.2



#14
 2,4,6-Tribromophenol
 Concen: 0.354 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE099623.D
 Acq: 16 May 2019 14:48

Tgt Ion:330 Resp: 1031
 Ion Ratio Lower Upper
 330 100
 332 97.6 73.8 110.8
 141 30.5 21.0 31.6

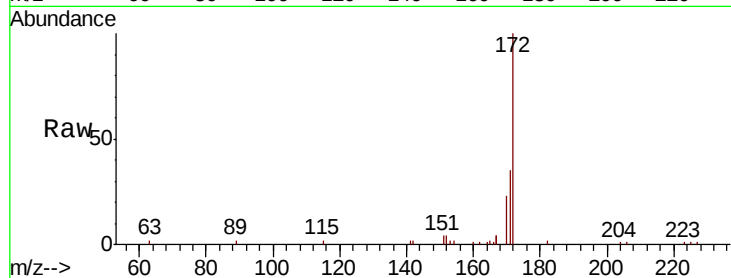




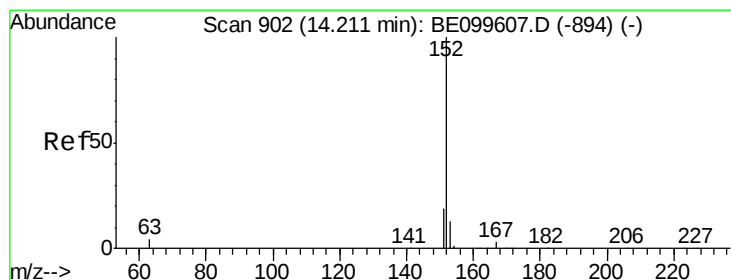
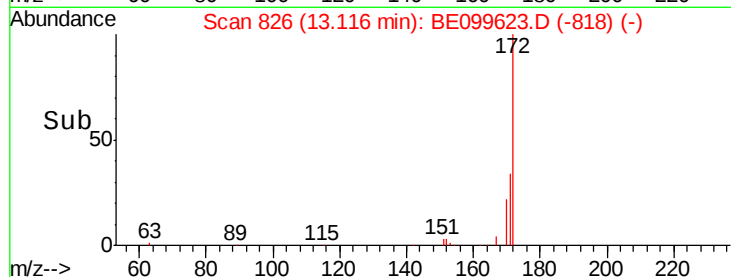
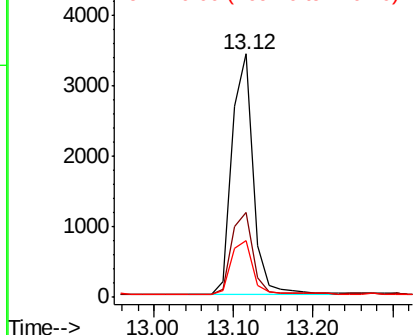
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099623.D
Acq: 16 May 2019 14:48

Instrument :
BNA_E
ClientSampleId :
PT-PAH-SOIL

Tgt Ion:172 Resp: 6301
Ion Ratio Lower Upper
172 100
171 34.7 29.4 44.2
170 23.1 21.5 32.3

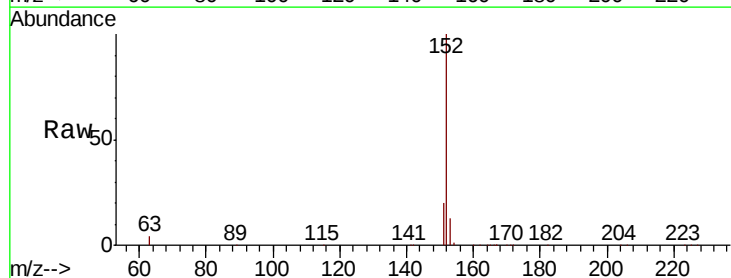


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

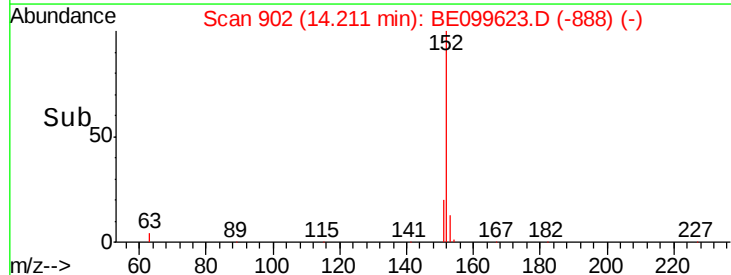
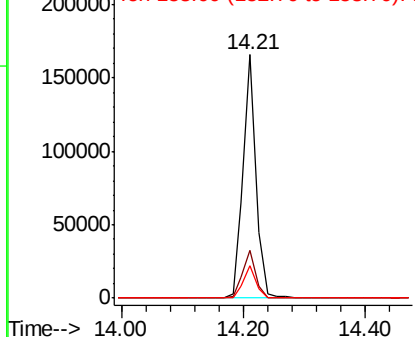


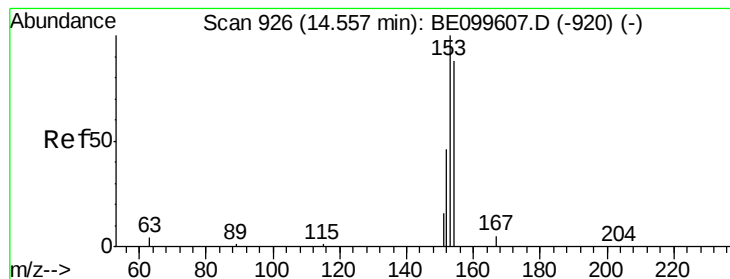
#16
Acenaphthylene
Concen: 12.266 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099623.D
Acq: 16 May 2019 14:48

Tgt Ion:152 Resp: 246450
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.2 10.4 15.6



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: 7.245 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOIL

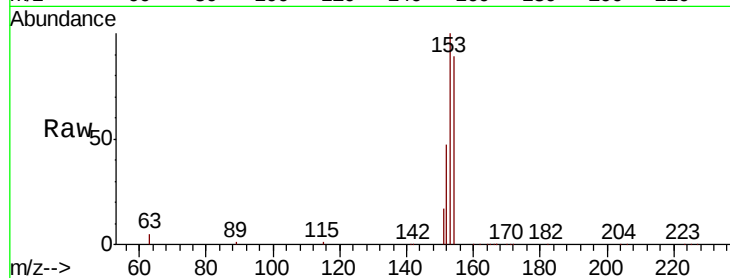
Tgt Ion:154 Resp: 82162

Ion Ratio Lower Upper

154 100

153 115.3 94.1 141.1

152 56.0 46.5 69.7

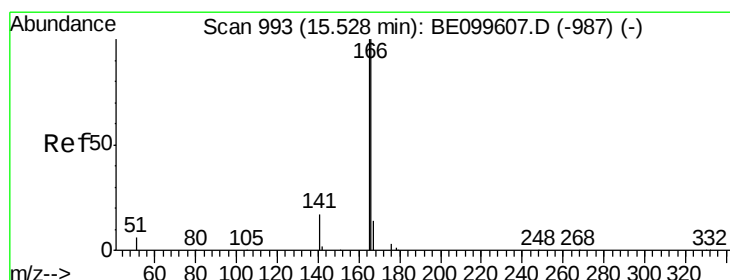
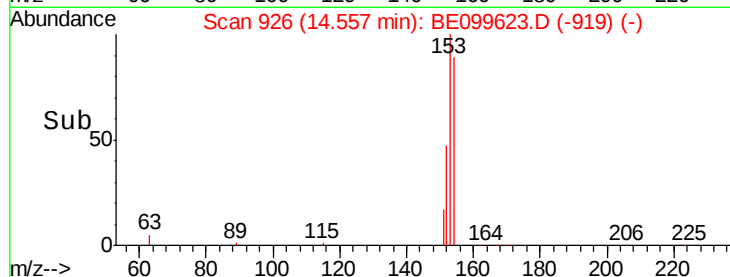
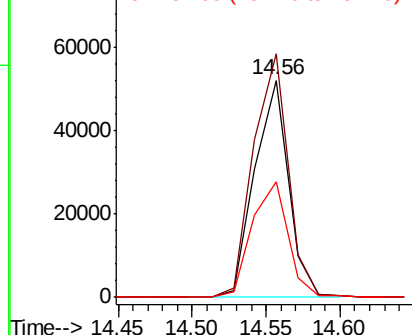


Abundance

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: 1.843 ng

RT: 15.53 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

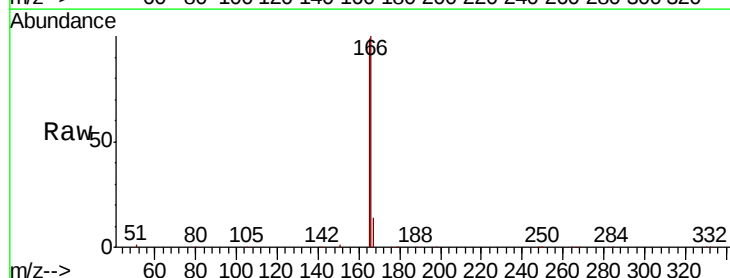
Tgt Ion:166 Resp: 29980

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

167 13.4 11.2 16.8

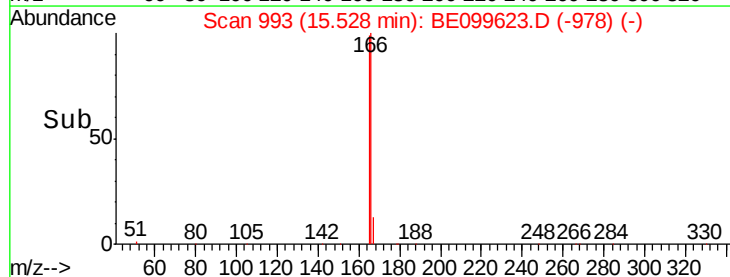
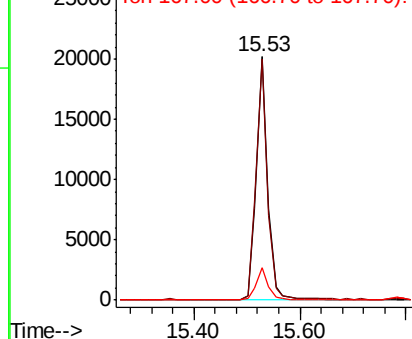


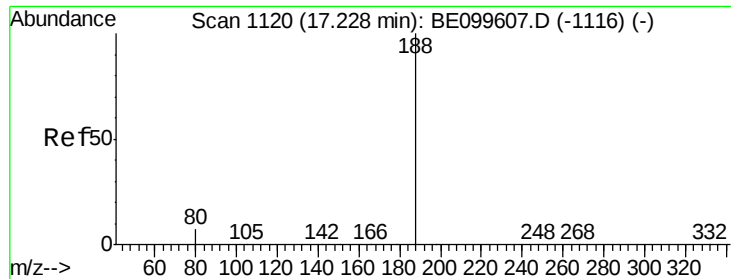
Abundance

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: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOIL

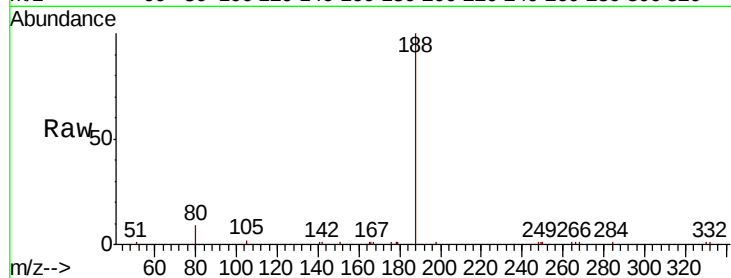
Tgt Ion:188 Resp: 12634

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

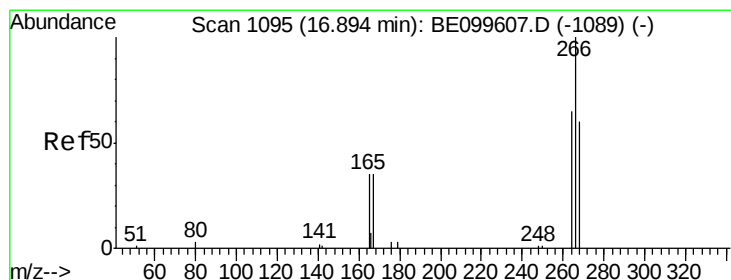
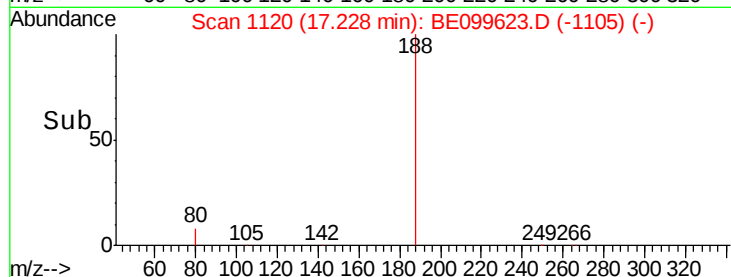
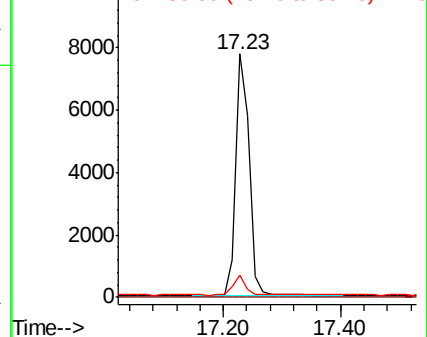
80 9.1 6.4 9.6



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: 0.327 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

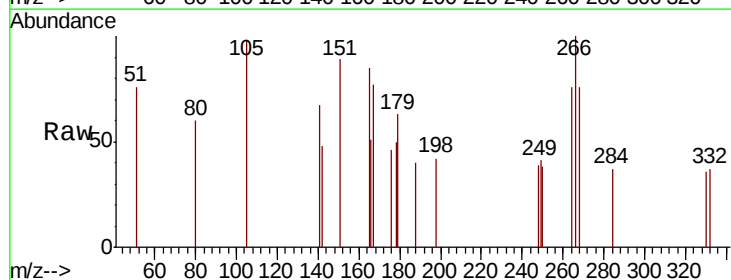
Tgt Ion:266 Resp: 218

Ion Ratio Lower Upper

266 100

264 76.4 57.7 86.5

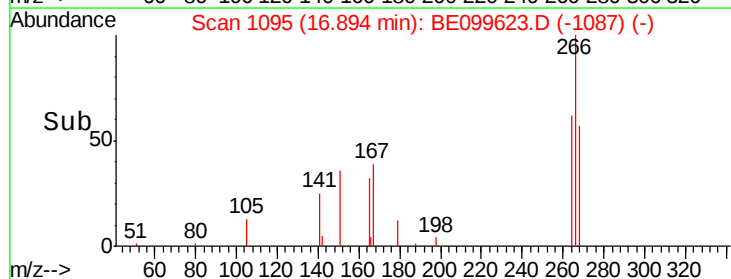
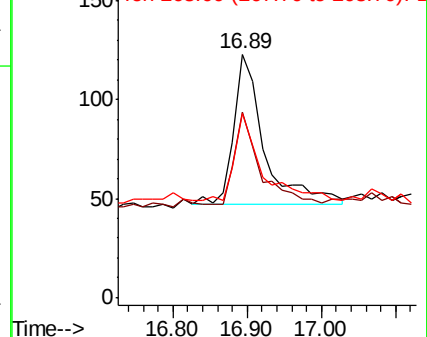
268 75.6 55.8 83.8

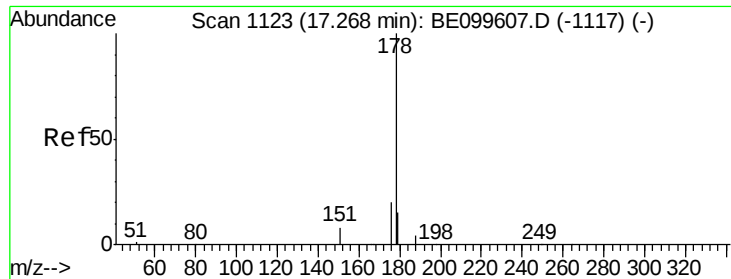


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 8.512 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOIL

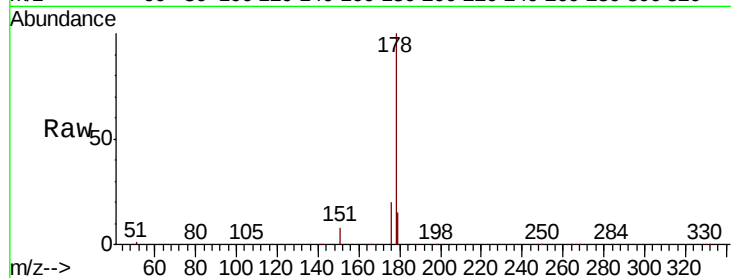
Tgt Ion:178 Resp: 266960

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

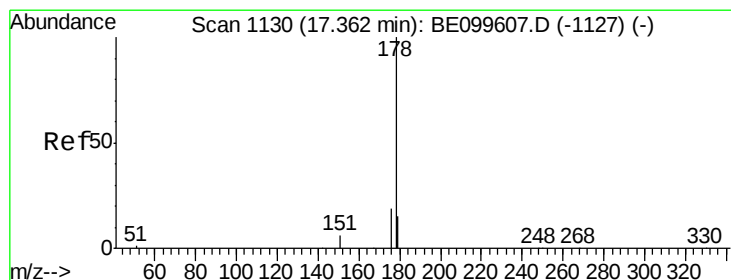
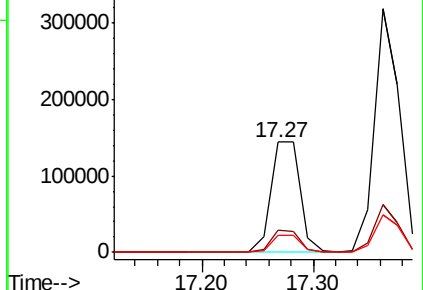
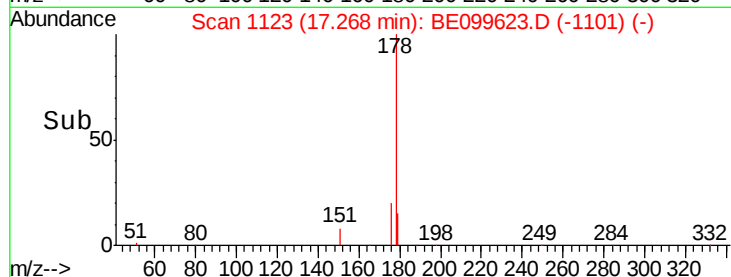
179 15.4 12.2 18.2



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: 17.263 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

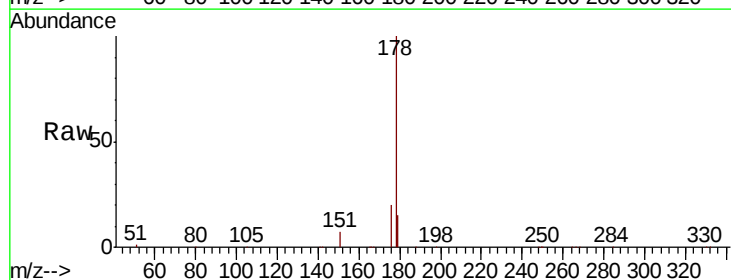
Tgt Ion:178 Resp: 499394

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

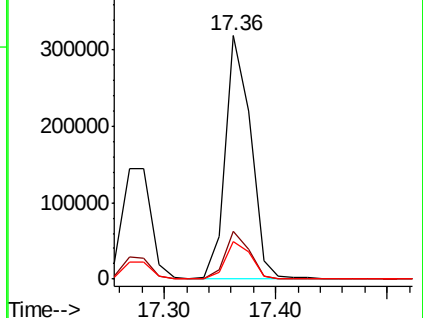
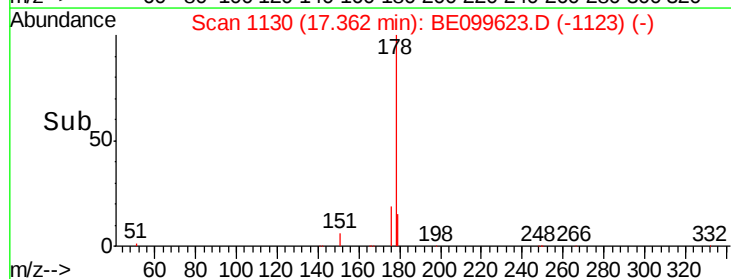
179 15.4 12.1 18.1

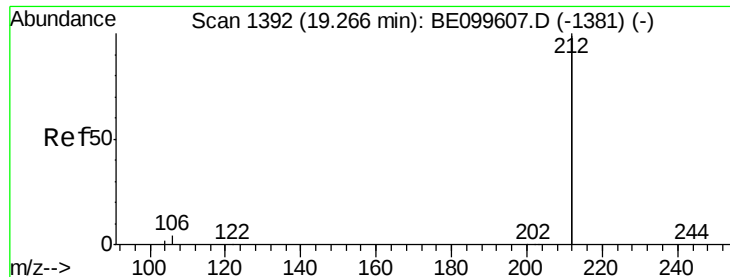


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.410 ng

RT: 19.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOIL

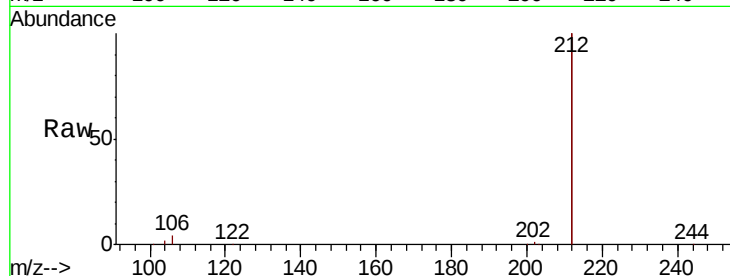
Tgt Ion:212 Resp: 68957

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

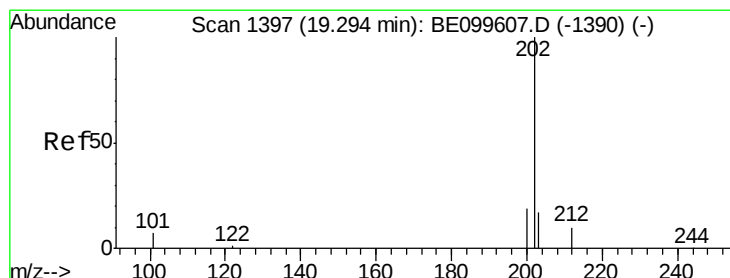
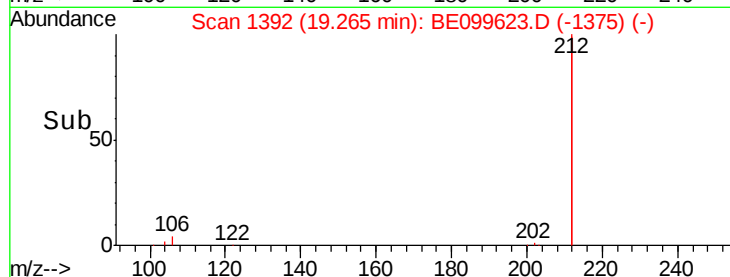
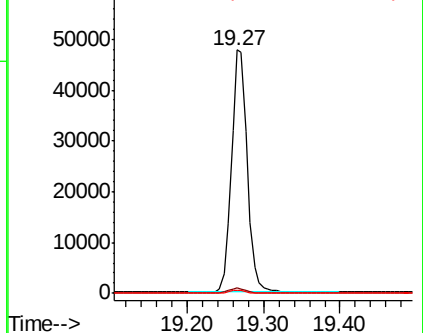
104 1.1 0.9 1.3



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: 5.166 ng

RT: 19.30 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

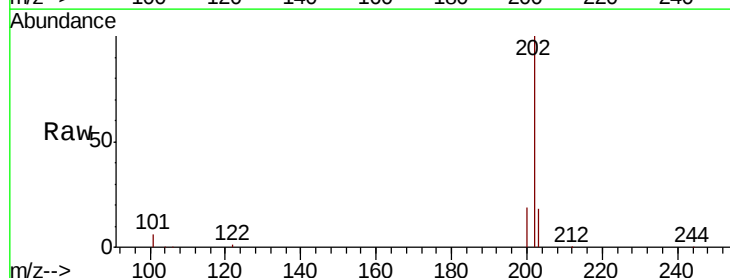
Tgt Ion:202 Resp: 245100

Ion Ratio Lower Upper

202 100

101 6.4 5.0 7.6

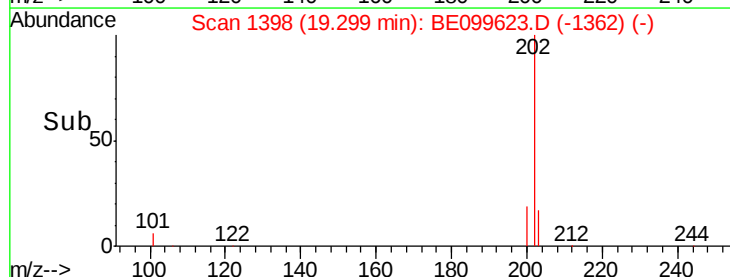
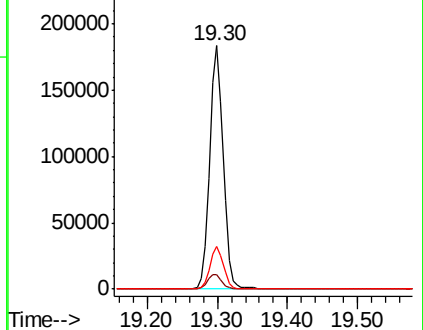
203 17.3 13.7 20.5

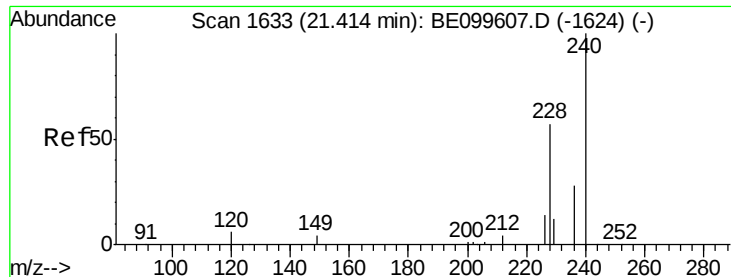


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

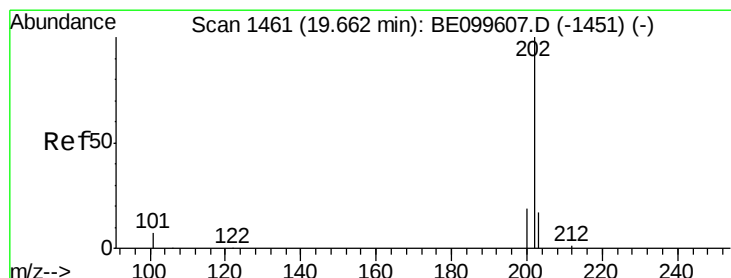
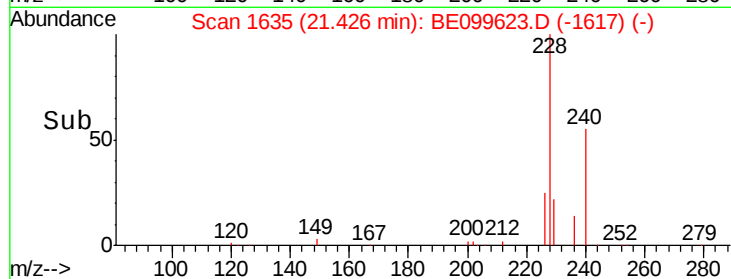
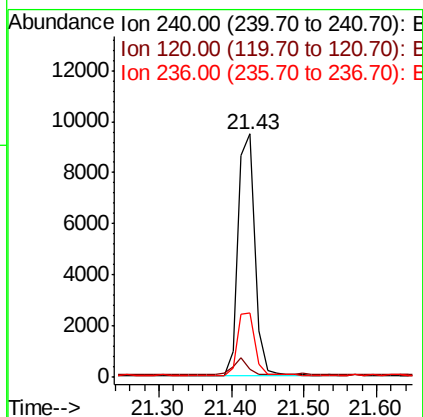
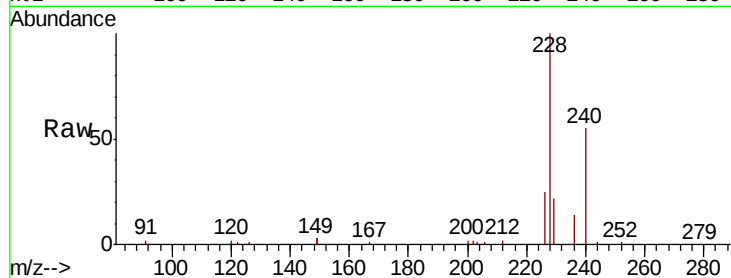




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1635
 Delta R.T. 0.01 min
 Lab File: BE099623.D
 Acq: 16 May 2019 14:48

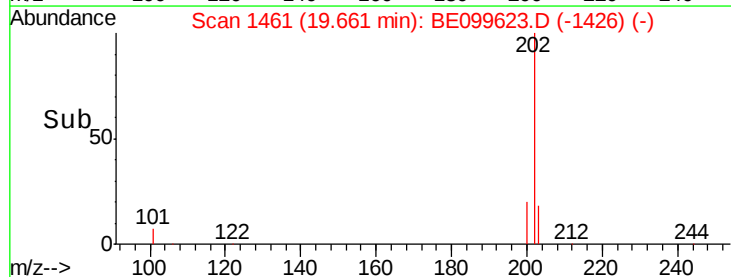
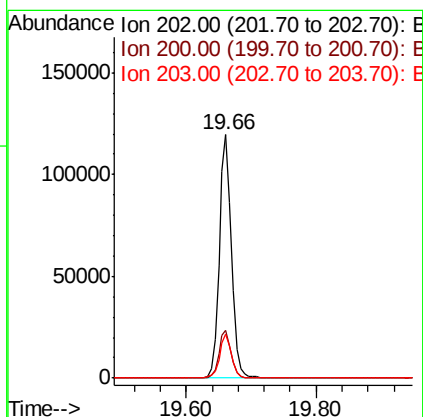
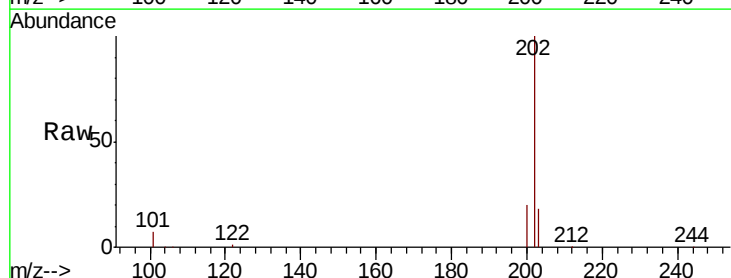
Instrument :
 BNA_E
 ClientSampleId :
 PT-PAH-SOIL

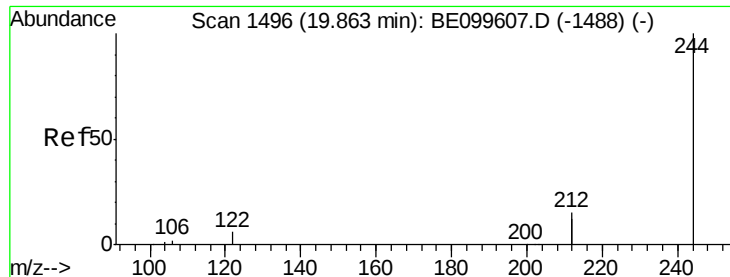
Tgt Ion:240 Resp: 15570
 Ion Ratio Lower Upper
 240 100
 120 3.1 5.7 8.5#
 236 26.3 22.8 34.2



#28
 Pyrene
 Concen: 3.951 ng
 RT: 19.66 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BE099623.D
 Acq: 16 May 2019 14:48

Tgt Ion:202 Resp: 156796
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.8 23.6
 203 17.8 14.1 21.1





#29

Terphenyl-d14

Concen: 0.527 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOIL

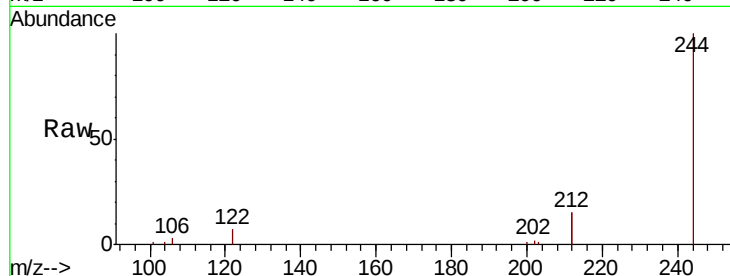
Tgt Ion:244 Resp: 14758

Ion Ratio Lower Upper

244 100

212 29.1 23.8 35.6

122 6.6 5.0 7.6

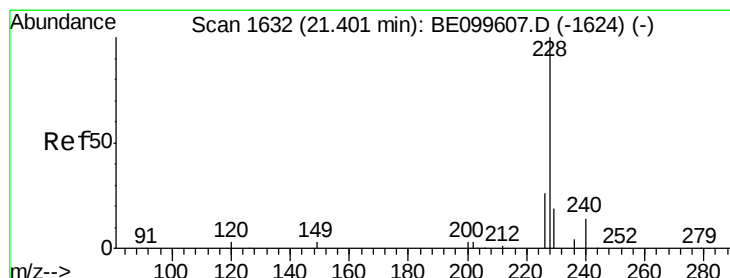
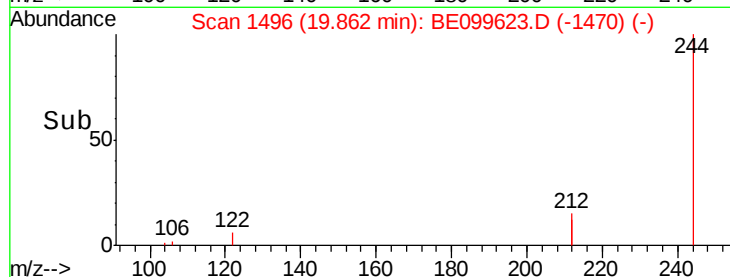
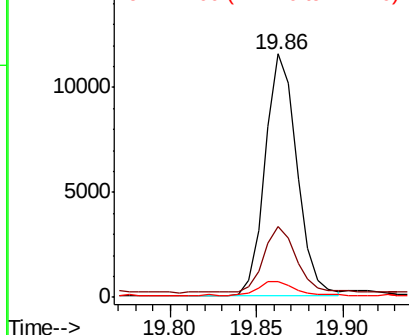


Abundance

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: 11.017 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

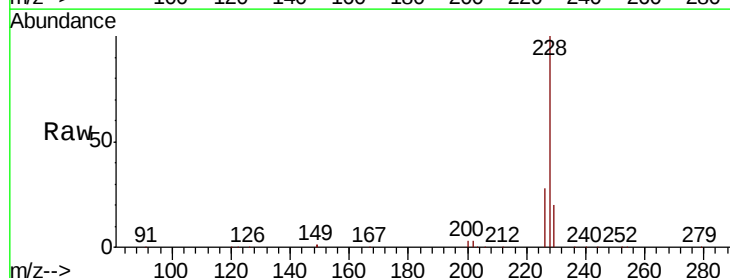
Tgt Ion:228 Resp: 518384

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.2

229 19.7 15.8 23.8

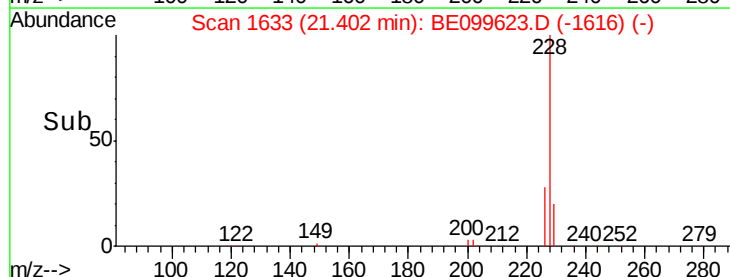
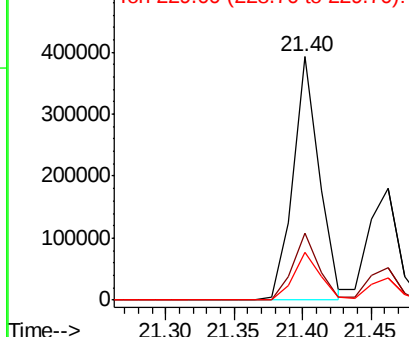


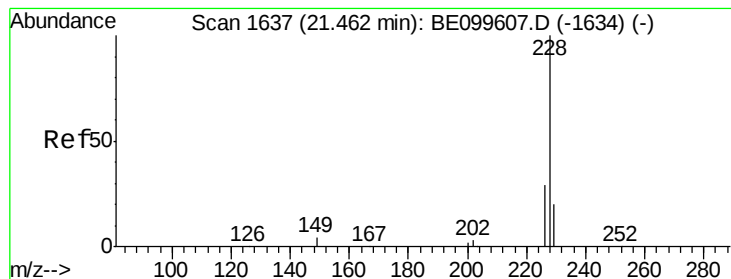
Abundance

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





#31

Chrysene

Concen: 5.557 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOIL

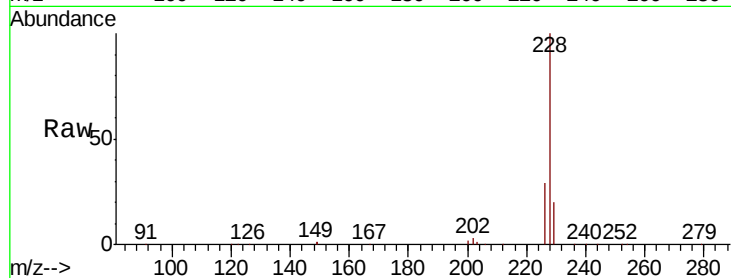
Tgt Ion: 228 Resp: 269278

Ion Ratio Lower Upper

228 100

226 29.2 23.0 34.4

229 20.1 16.4 24.6

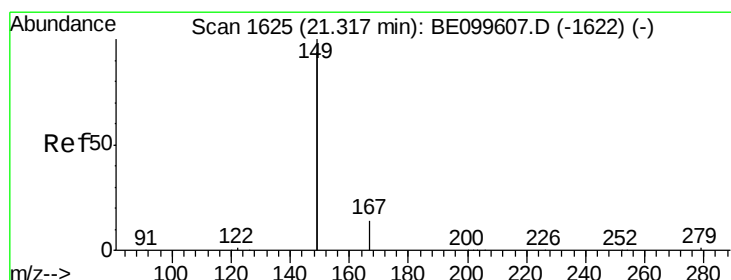
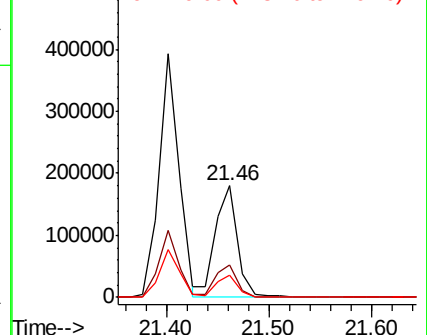
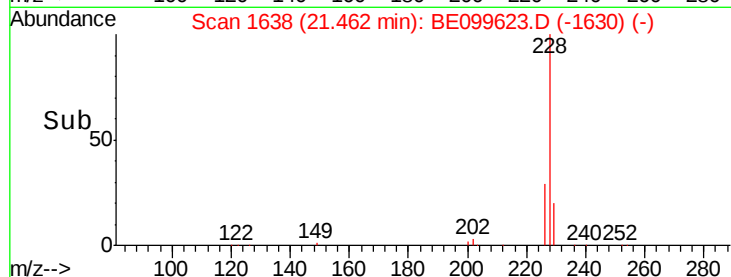


Abundance

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: 0.262 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

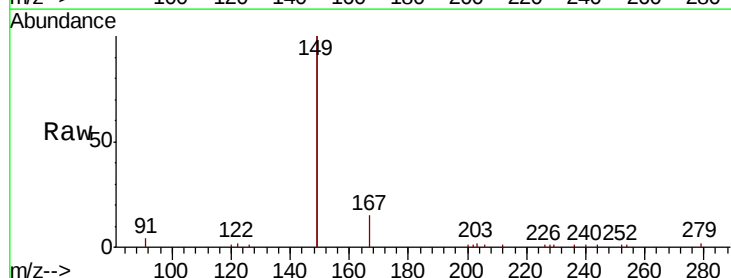
Tgt Ion: 149 Resp: 18977

Ion Ratio Lower Upper

149 100

167 7.5 6.0 9.0

279 1.5 1.1 1.7

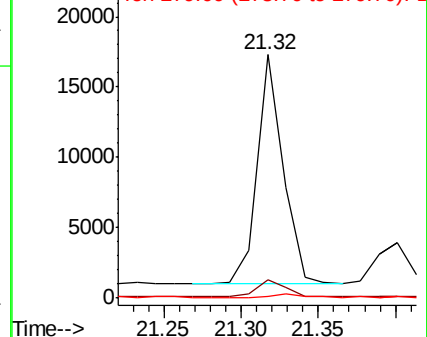
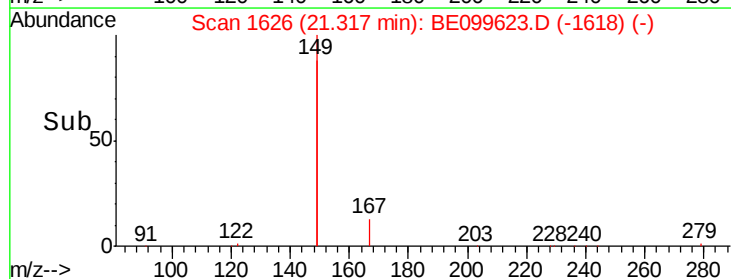


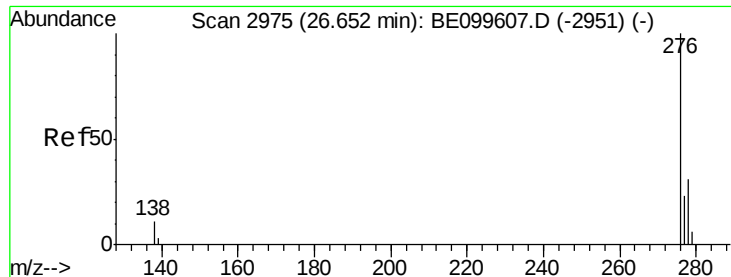
Abundance

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: 7.604 ng

RT: 26.66 min Scan# 2978

Delta R.T. 0.01 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOIL

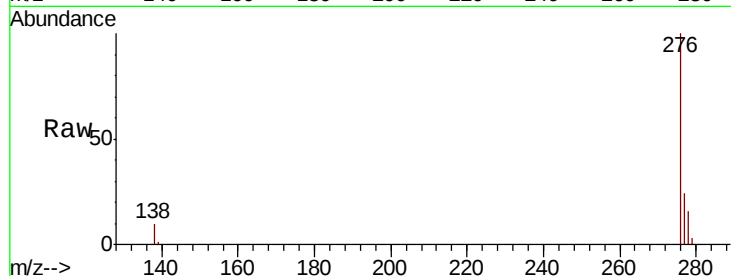
Tgt Ion:276 Resp: 458663

Ion Ratio Lower Upper

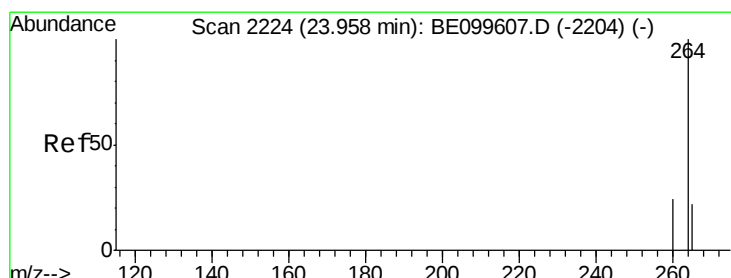
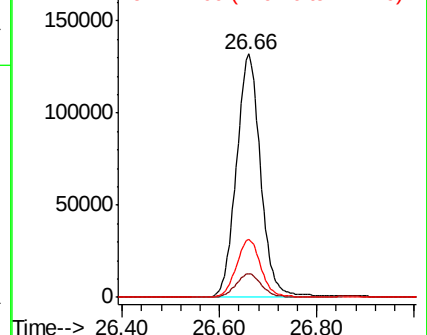
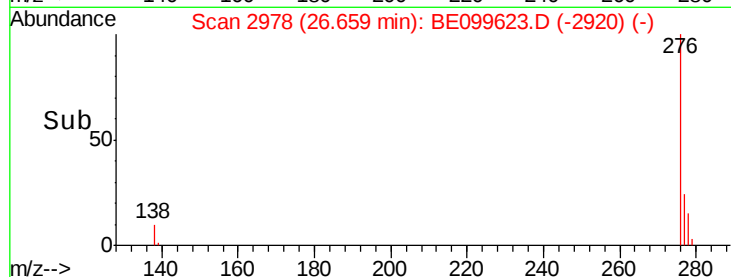
276 100

138 10.2 10.0 15.0

277 24.1 19.1 28.7



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: 23.97 min Scan# 2227

Delta R.T. 0.01 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

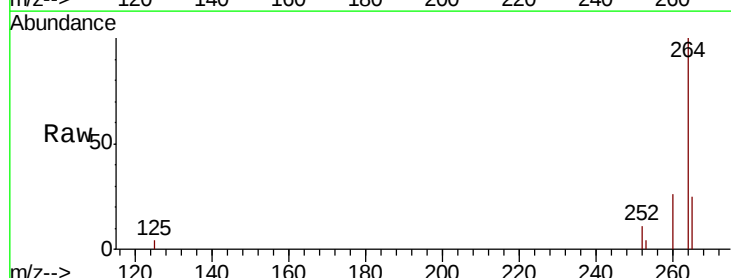
Tgt Ion:264 Resp: 17890

Ion Ratio Lower Upper

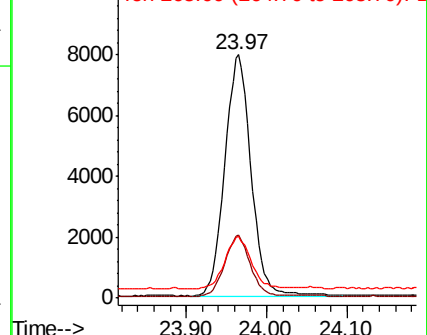
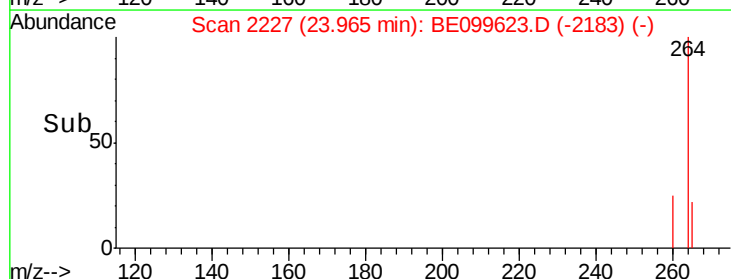
264 100

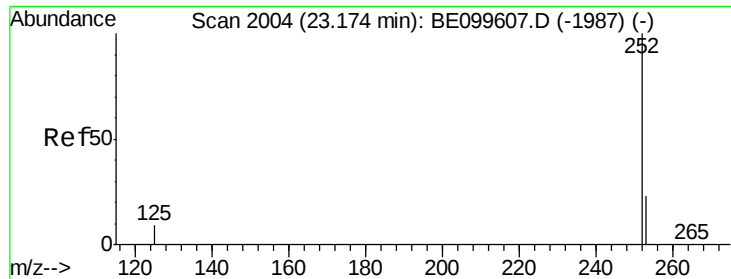
260 25.9 19.7 29.5

265 25.3 21.2 31.8



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: 7.450 ng

RT: 23.18 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOIL

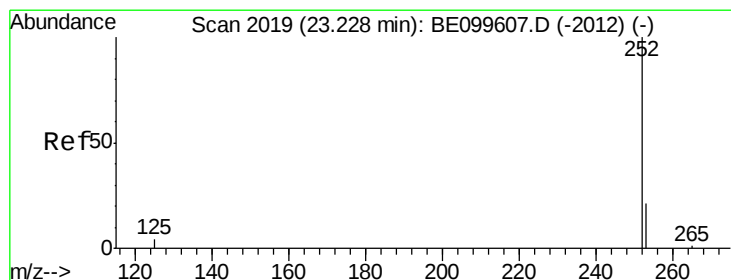
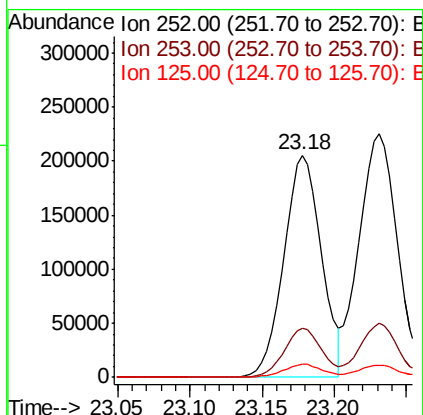
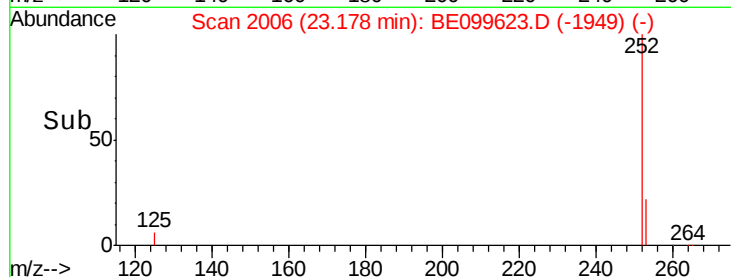
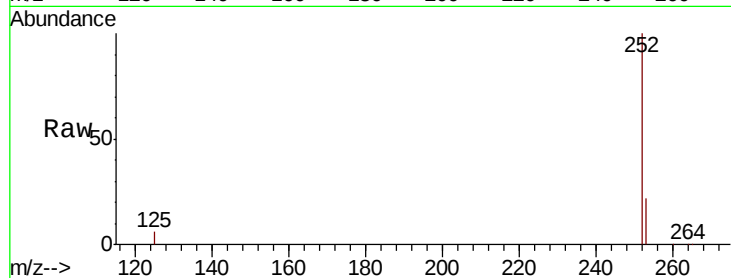
Tgt Ion:252 Resp: 372657

Ion Ratio Lower Upper

252 100

253 22.3 19.1 28.7

125 5.8 7.8 11.8#



#36

Benzo(k)fluoranthene

Concen: 7.544 ng

RT: 23.18 min Scan# 2006

Delta R.T. -0.05 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

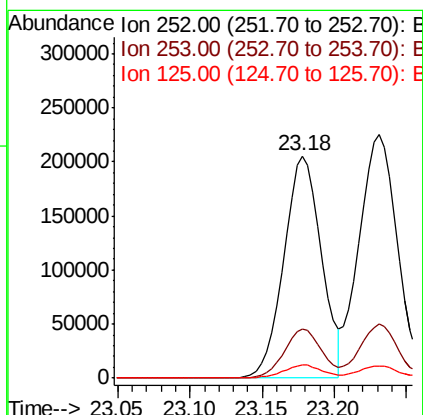
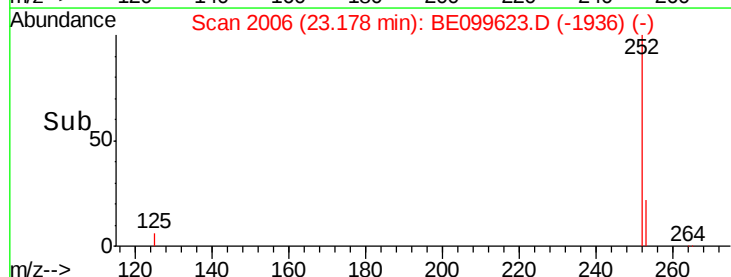
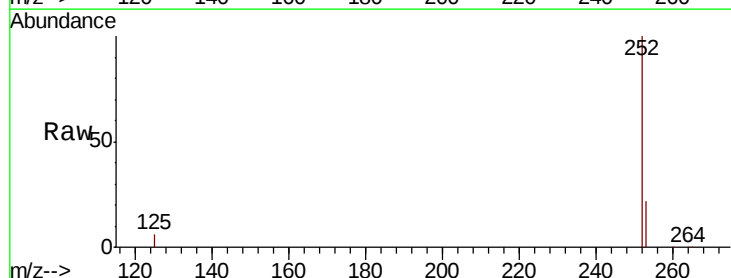
Tgt Ion:252 Resp: 372657

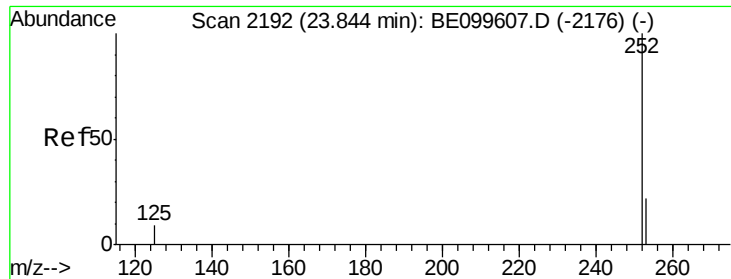
Ion Ratio Lower Upper

252 100

253 22.3 18.6 28.0

125 5.8 5.2 7.8





#37

Benzo(a)pyrene

Concen: 6.827 ng

RT: 23.85 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOIL

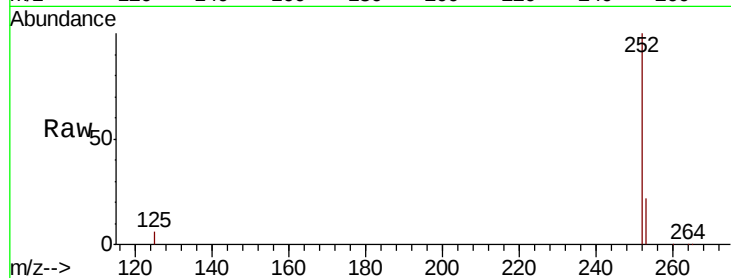
Tgt Ion: 252 Resp: 330795

Ion Ratio Lower Upper

252 100

253 22.2 19.0 28.6

125 5.9 8.8 13.2#

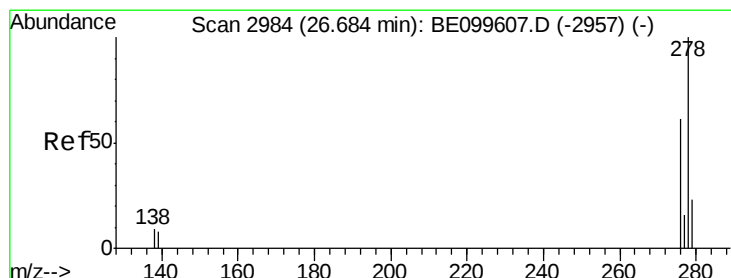
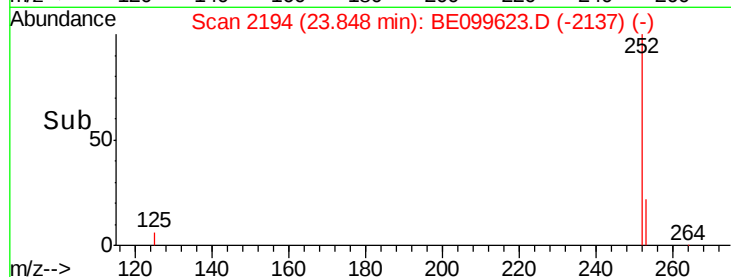
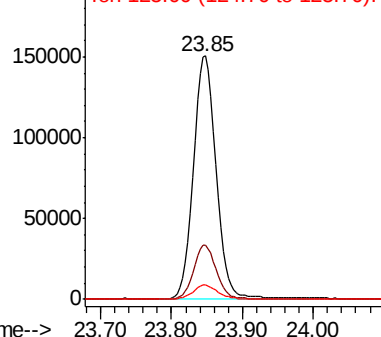


Abundance

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: 2.817 ng

RT: 26.69 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

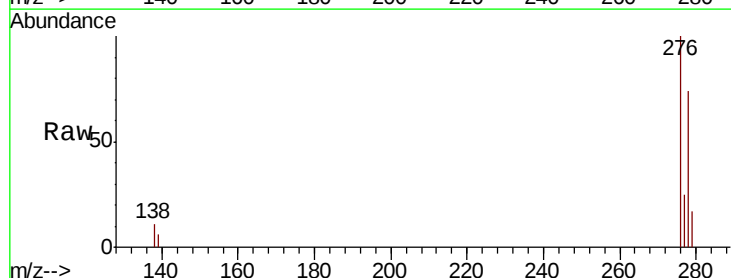
Tgt Ion: 278 Resp: 141534

Ion Ratio Lower Upper

278 100

139 8.1 7.9 11.9

279 23.5 19.5 29.3

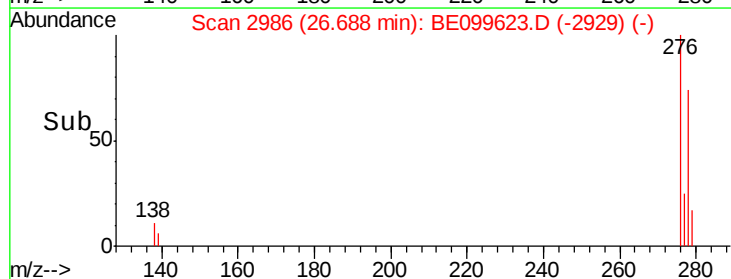
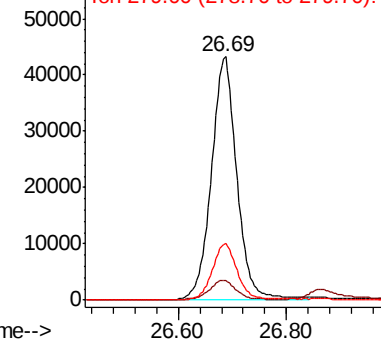


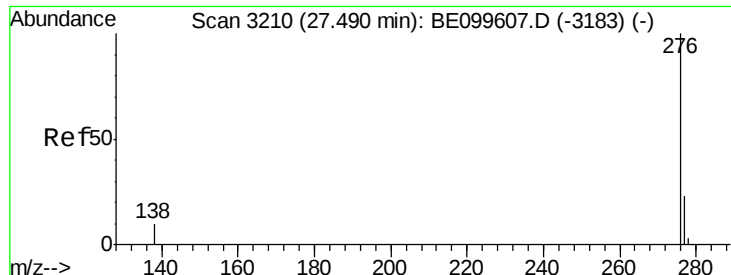
Abundance

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: 5.005 ng

RT: 27.49 min Scan# 3212

Delta R.T. 0.00 min

Lab File: BE099623.D

Acq: 16 May 2019 14:48

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOIL

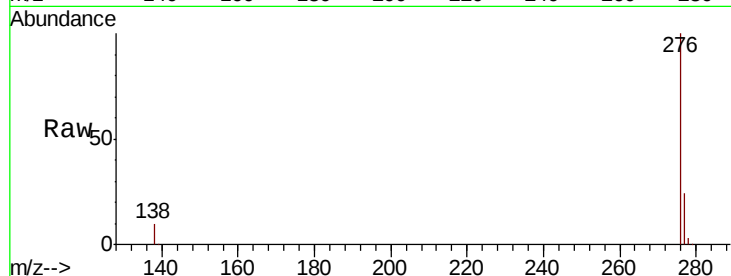
Tgt Ion: 276 Resp: 252884

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 10.2 9.1 13.7



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

