

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099624.D
 Acq On : 16 May 2019 15:54
 Operator : JU/SJ
 Sample : K2551-13DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-PAH-SOILDL

Quant Time: May 17 07:02:12 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	7.83	152	1641	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	5836	0.40	ng	0.01
13) Acenaphthene-d10	14.50	164	4213	0.40	ng	0.02
19) Phenanthrene-d10	17.24	188	12748	0.40	ng	0.01
27) Chrysene-d12	21.43	240	17112	0.40	ng	0.01
34) Perylene-d12	23.97	264	19902	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	432	0.09	ng	0.02
5) Phenol-d6	6.99	99	677	0.11	ng	0.00
8) Nitrobenzene-d5	8.99	82	379	0.07	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	779	0.08	ng	0.02
14) 2,4,6-Tribromophenol	16.00	330	207	0.07	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	1240	0.08	ng	0.02
25) Fluoranthene-d10	19.27	212	13532	0.08	ng	0.00
29) Terphenyl-d14	19.87	244	3020	0.10	ng	0.00

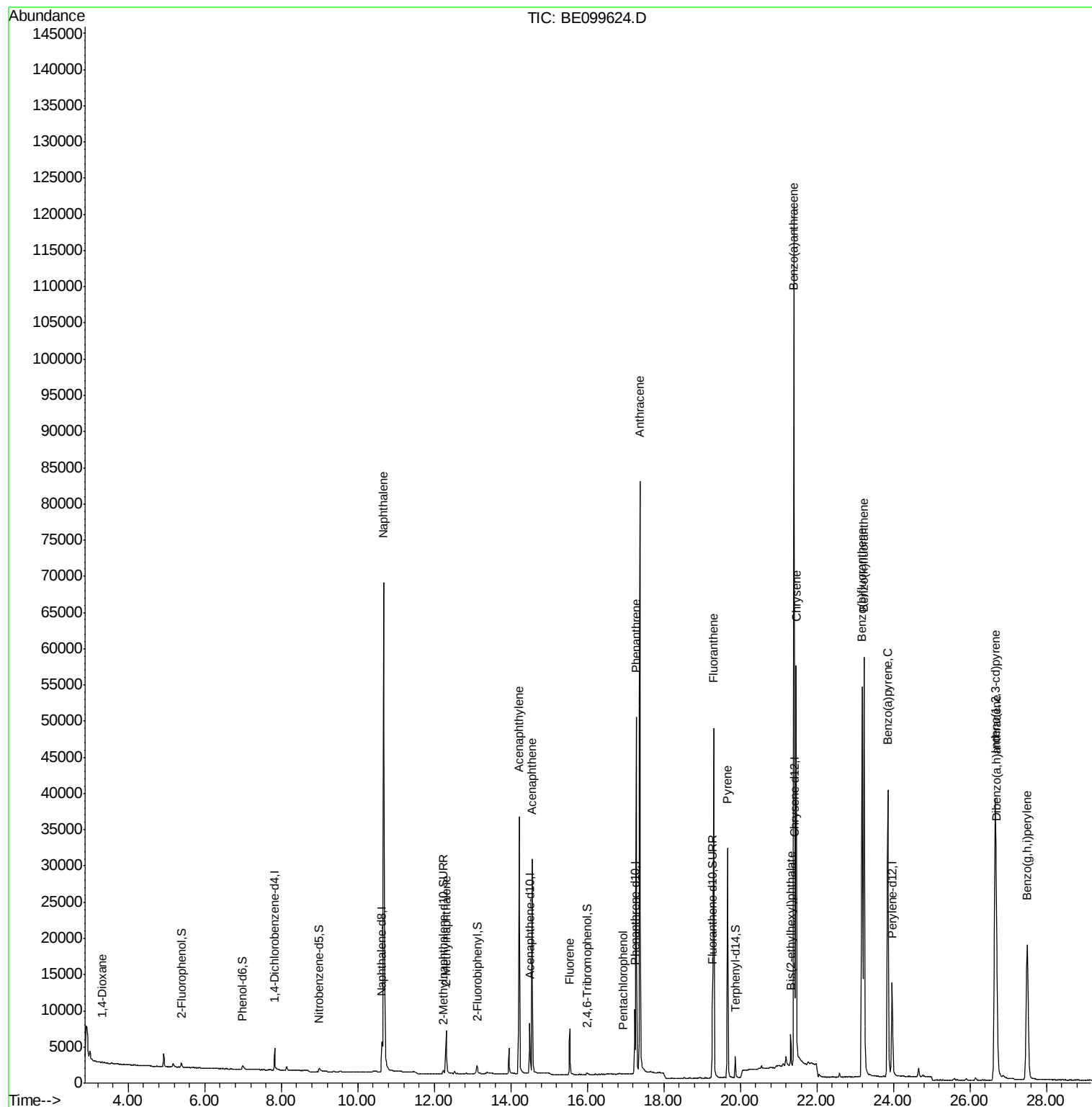
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	61	0.025	ng	# 35
9) Naphthalene	10.68	128	119344	1.922	ng	98
12) 2-Methylnaphthalene	12.31	142	4619	0.450	ng	99
16) Acenaphthylene	14.21	152	43690	2.196	ng	100
17) Acenaphthene	14.56	154	14764	1.315	ng	99
18) Fluorene	15.54	166	5396	0.335	ng	99
22) Pentachlorophenol	16.93	266	43	0.285	ng	# 74
23) Phenanthrene	17.28	178	50567	1.598	ng	99
24) Anthracene	17.37	178	93148	3.191	ng	100
26) Fluoranthene	19.30	202	48057	1.004	ng	99
28) Pyrene	19.67	202	31309	0.718	ng	100
30) Benzo(a)anthracene	21.40	228	109038	2.109	ng	99
31) Chrysene	21.46	228	52964	0.994	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	5280	0.066	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.66	276	94184	1.421	ng	98
35) Benzo(b)fluoranthene	23.18	252	77868	1.399	ng	# 95
36) Benzo(k)fluoranthene	23.23	252	89562	1.630	ng	97
37) Benzo(a)pyrene	23.85	252	69059	1.281	ng	# 95
38) Dibenzo(a,h)anthracene	26.69	278	28881	0.517	ng	99
39) Benzo(g,h,i)perylene	27.50	276	52391	0.932	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: 7.83 min Scan# 431

Delta R.T. 0.01 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOILDL

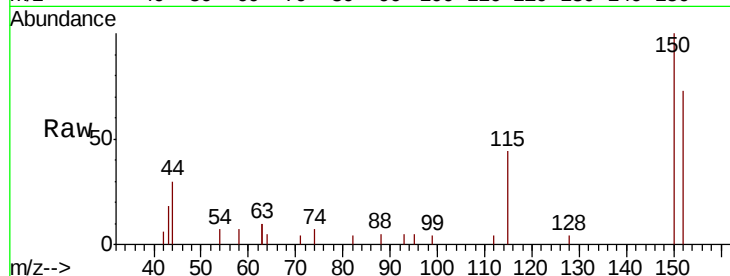
Tgt Ion: 152 Resp: 1641

Ion Ratio Lower Upper

152 100

150 137.6 110.1 165.1

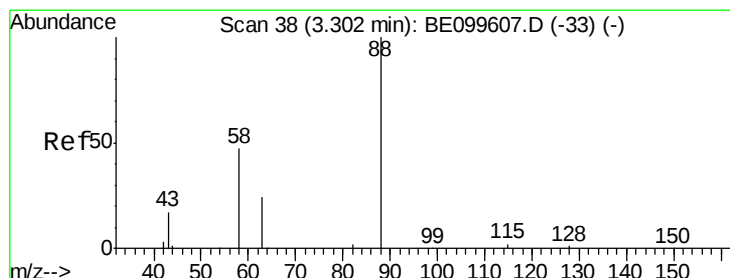
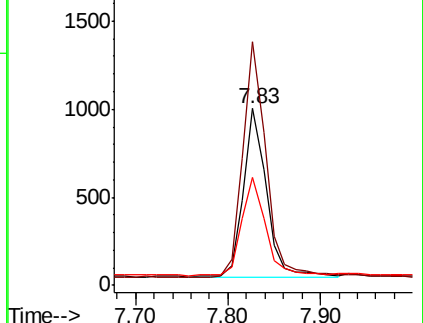
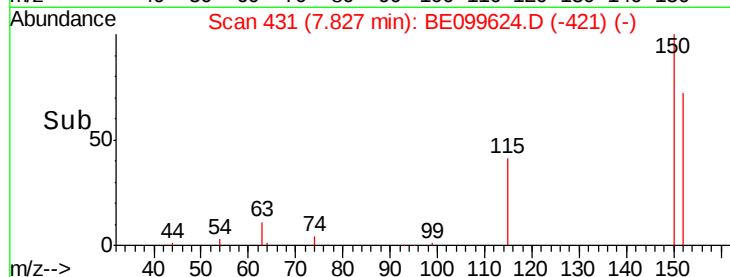
115 60.9 46.2 69.4



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: 0.025 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.01 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

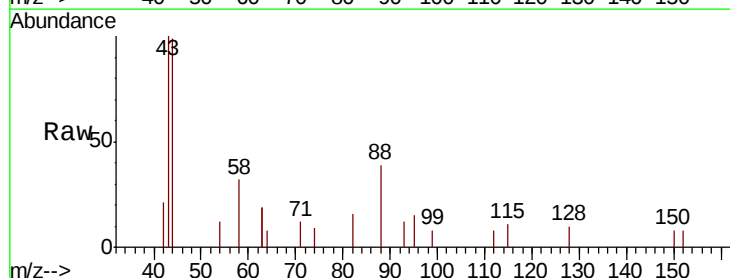
Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

58 50.8 39.8 59.6

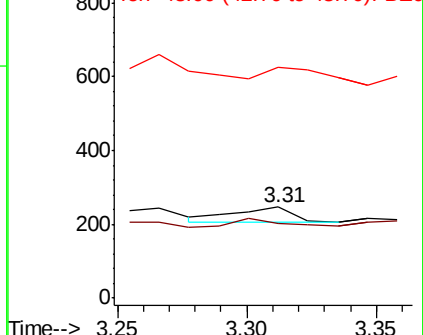
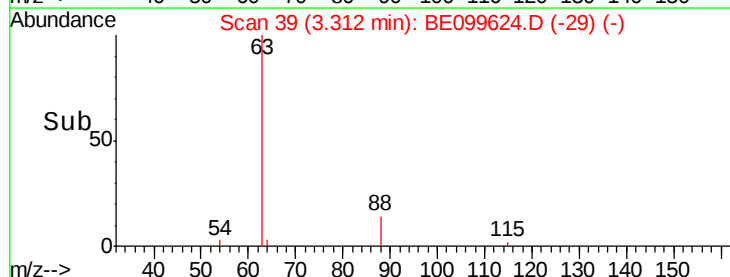
43 121.3 21.0 31.6#

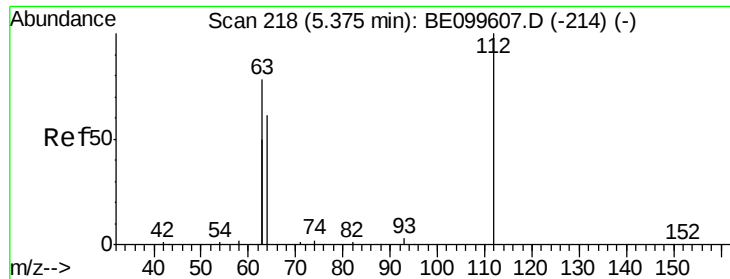


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.093 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.02 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOILD

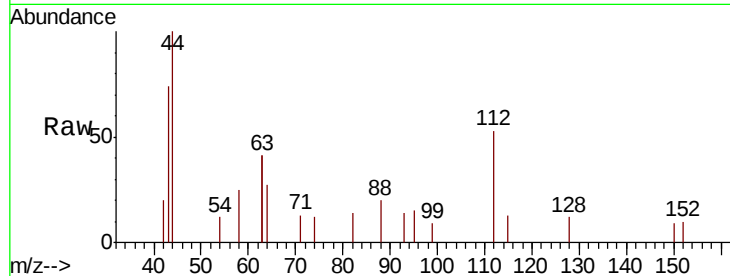
Tgt Ion: 112 Resp: 432

Ion Ratio Lower Upper

112 100

64 52.5 43.7 65.5

63 149.1 94.0 141.0#

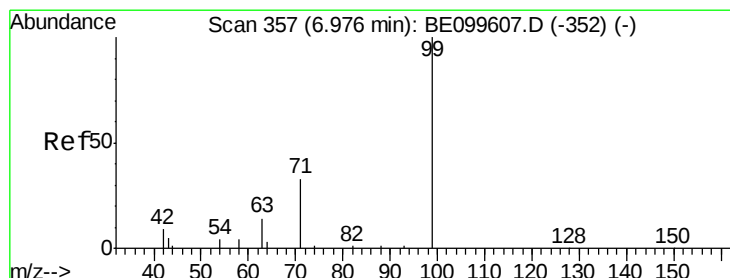
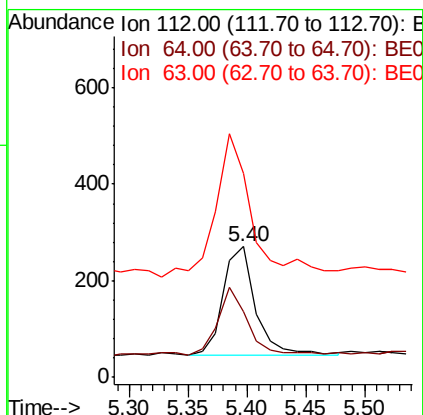
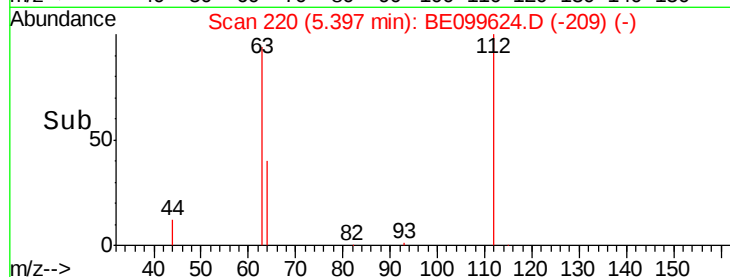


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time--> 5.30 5.35 5.40 5.45 5.50



#5

Phenol-d6

Concen: 0.115 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

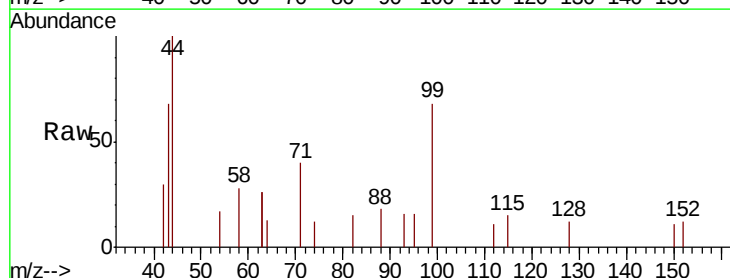
Tgt Ion: 99 Resp: 677

Ion Ratio Lower Upper

99 100

42 16.5 14.3 21.5

71 32.9 33.1 49.7#

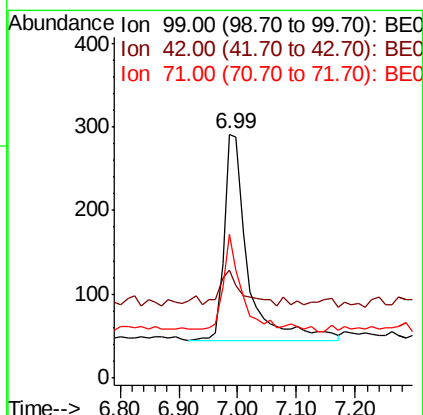
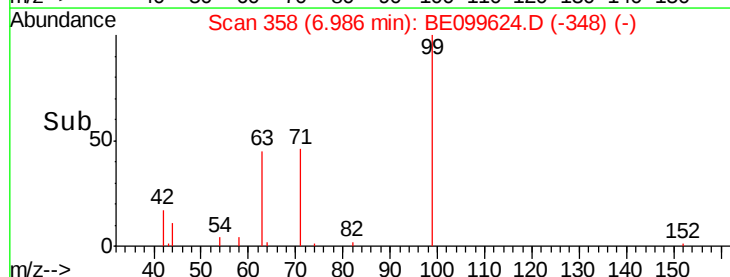


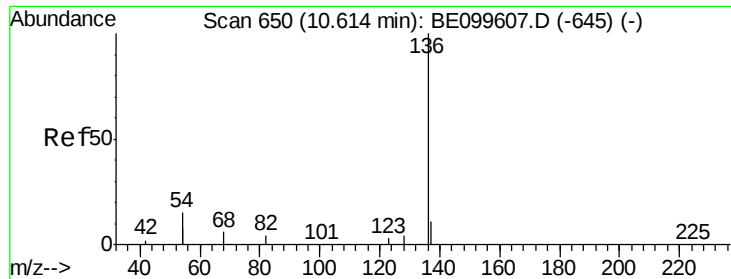
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time--> 6.80 6.90 7.00 7.10 7.20





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOILDL

Tgt Ion:136 Resp: 5836

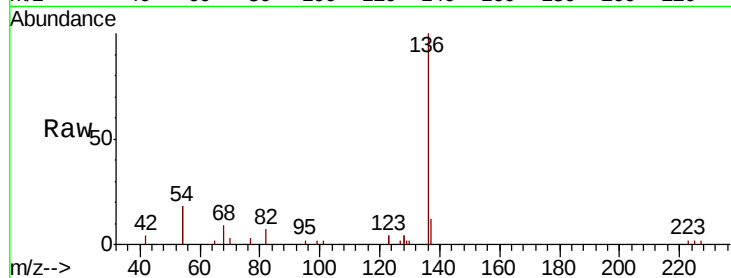
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 35.7 23.8 35.8

68 9.3 6.2 9.2#

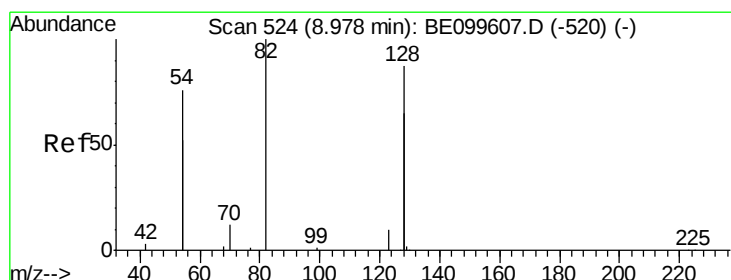
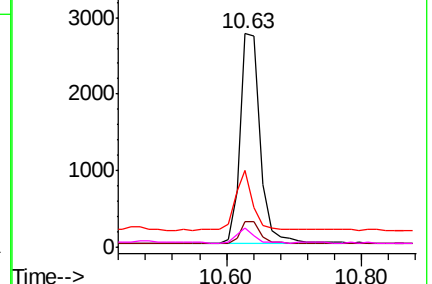
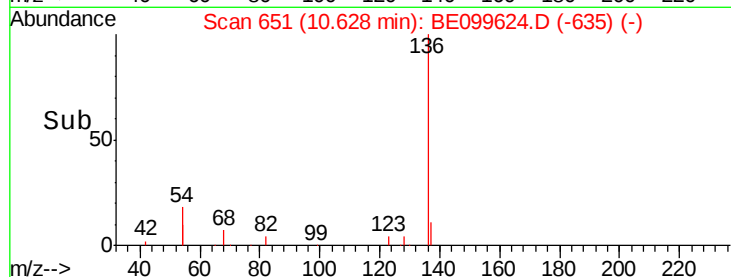


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.067 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

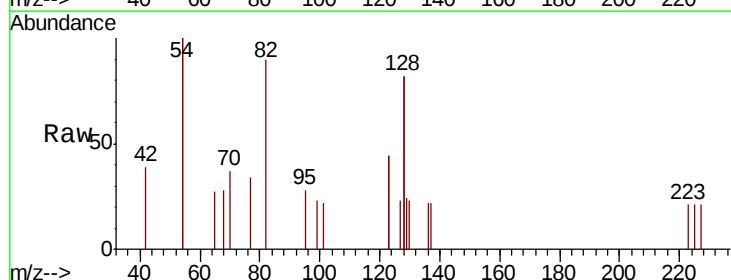
Tgt Ion: 82 Resp: 379

Ion Ratio Lower Upper

82 100

128 182.7 131.4 197.2

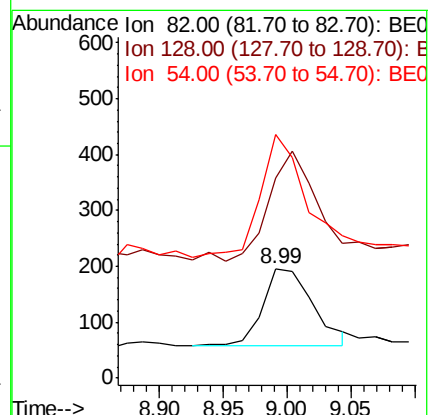
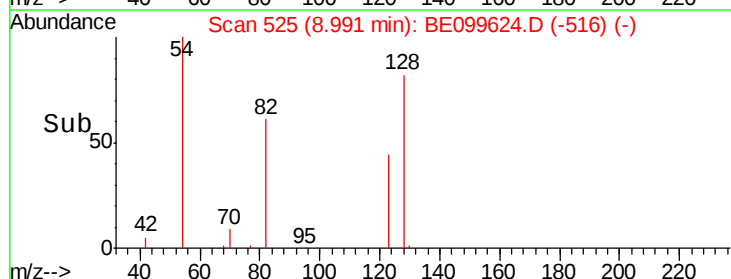
54 222.4 113.9 170.9#

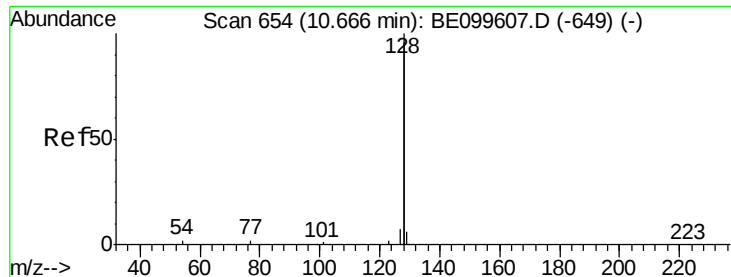


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.922 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOILDL

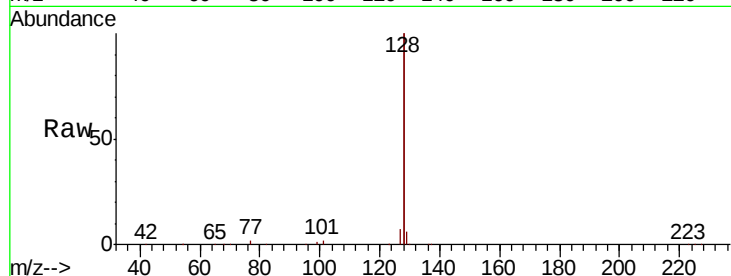
Tgt Ion:128 Resp: 119344

Ion Ratio Lower Upper

128 100

129 2.8 2.6 4.0

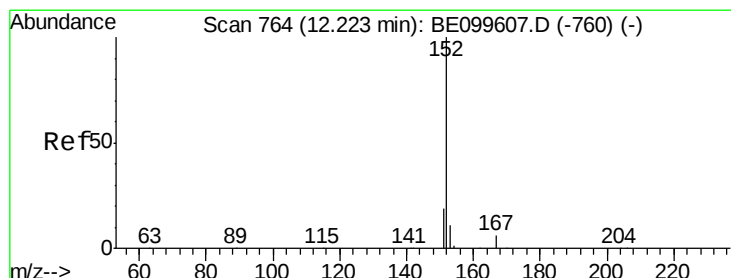
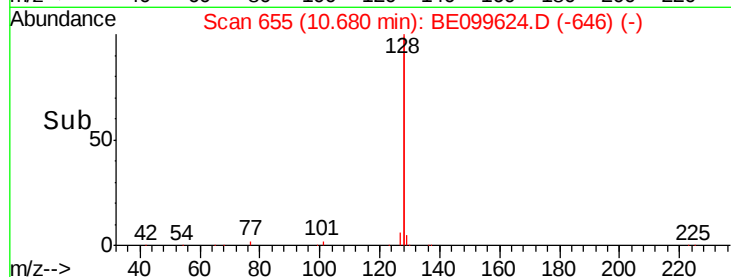
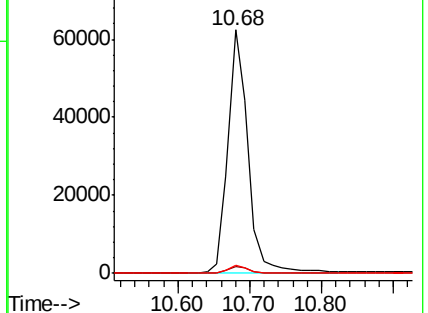
127 3.3 3.0 4.6



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: 0.079 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.02 min

Lab File: BE099624.D

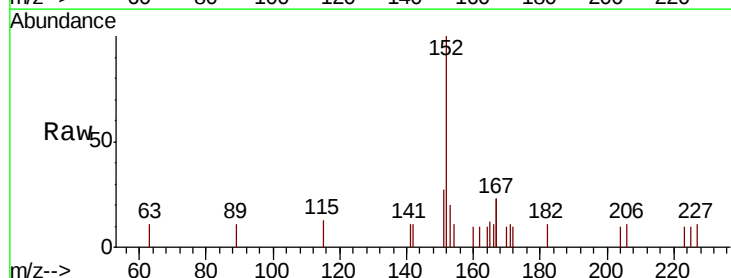
Acq: 16 May 2019 15:54

Tgt Ion:152 Resp: 779

Ion Ratio Lower Upper

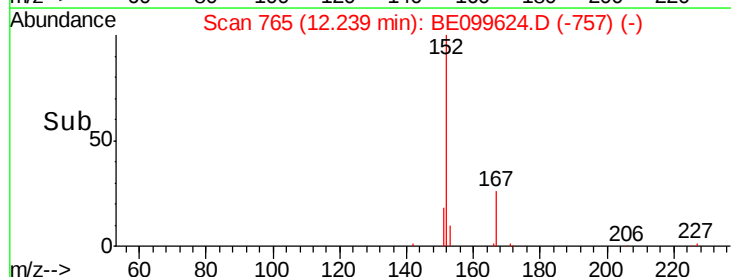
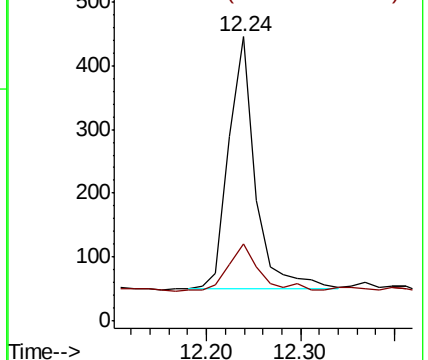
152 100

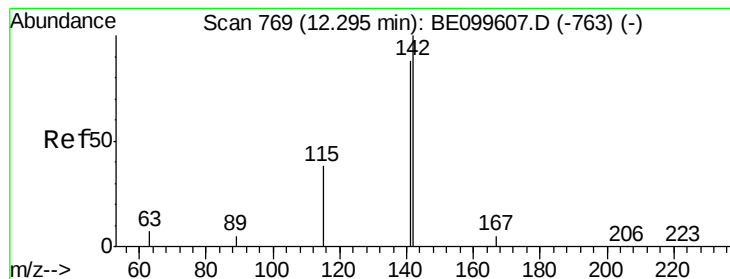
151 21.7 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.450 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.02 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOILD

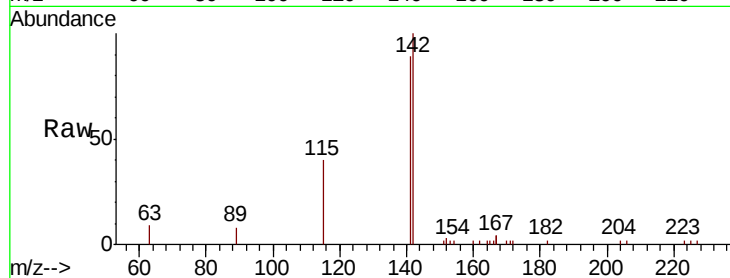
Tgt Ion:142 Resp: 4619

Ion Ratio Lower Upper

142 100

141 89.2 70.4 105.6

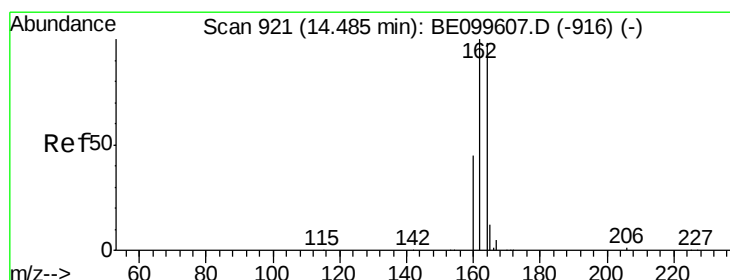
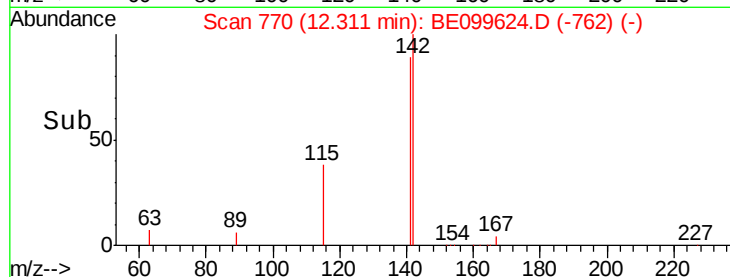
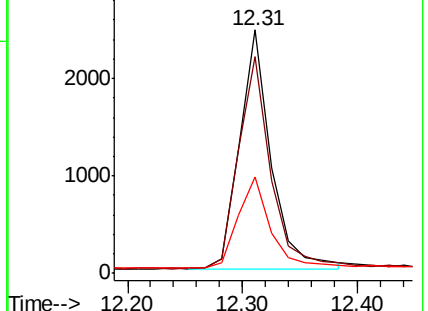
115 39.8 32.2 48.4



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: 14.50 min Scan# 922

Delta R.T. 0.02 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

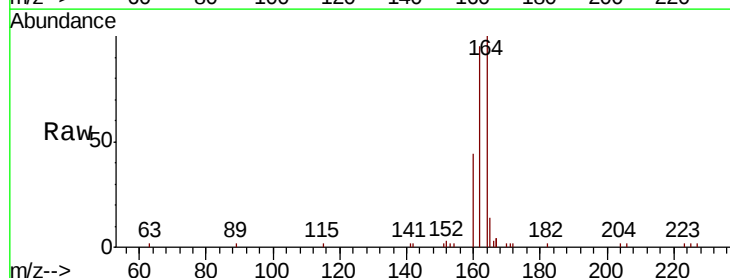
Tgt Ion:164 Resp: 4213

Ion Ratio Lower Upper

164 100

162 95.4 81.4 122.0

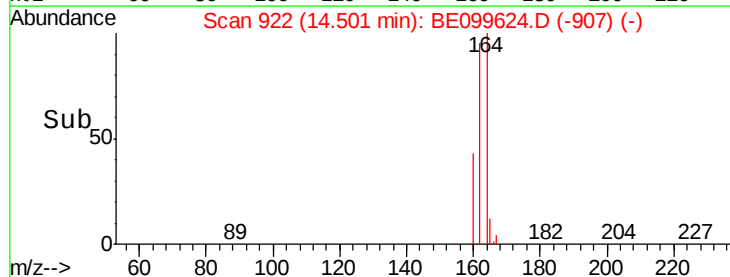
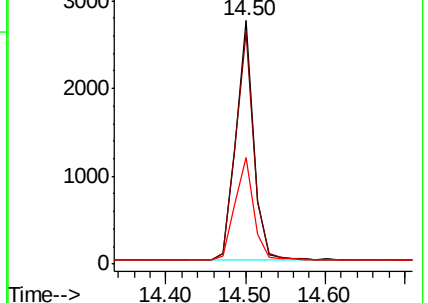
160 43.7 37.4 56.2

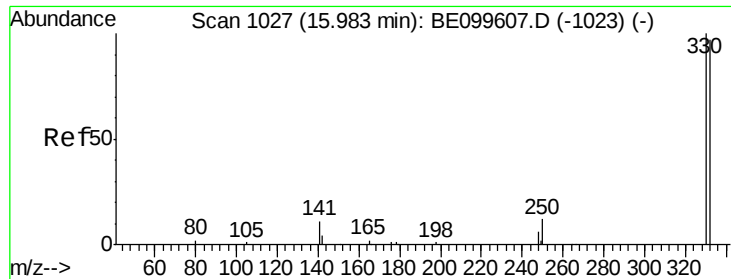


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

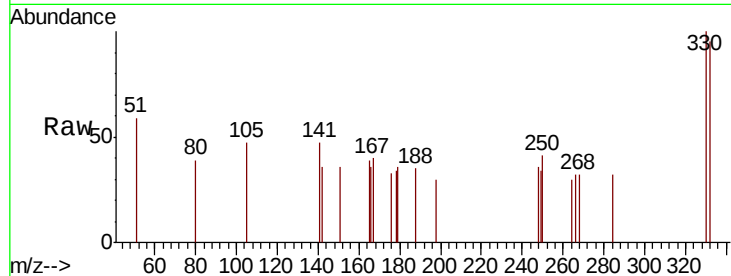




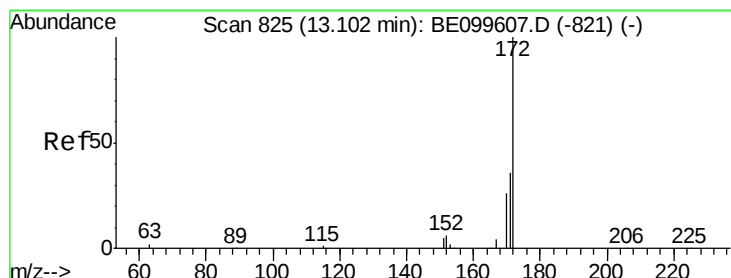
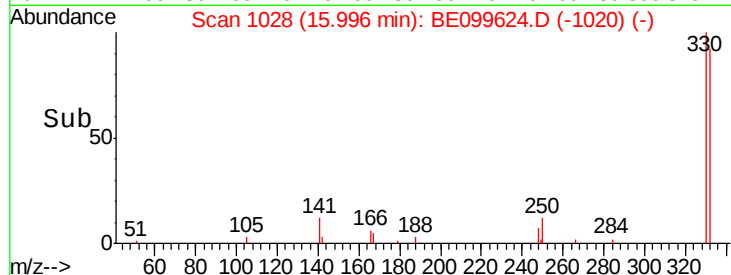
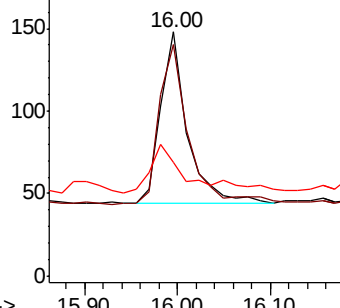
#14
 2,4,6-Tribromophenol
 Concen: 0.072 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BE099624.D
 Acq: 16 May 2019 15:54

Instrument :
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Tgt Ion: 330 Resp: 207
 Ion Ratio Lower Upper
 330 100
 332 107.2 73.8 110.8
 141 43.5 21.0 31.6#

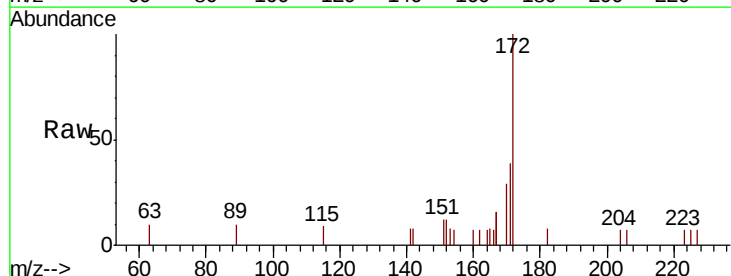


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

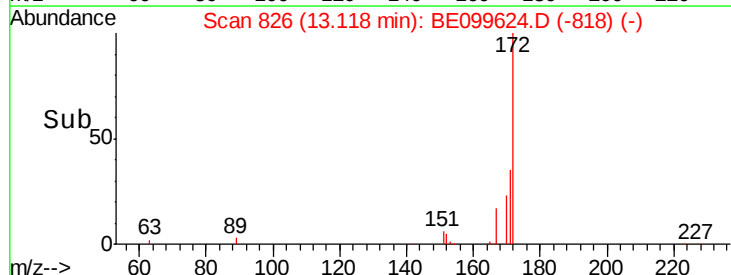
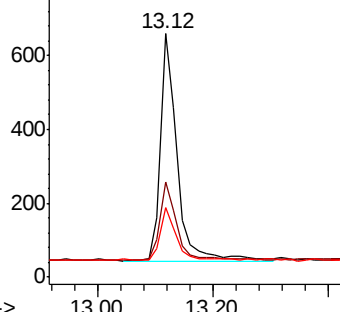


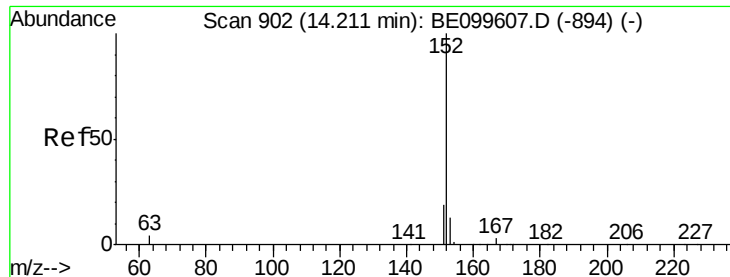
#15
 2-Fluorobiphenyl
 Concen: 0.076 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.02 min
 Lab File: BE099624.D
 Acq: 16 May 2019 15:54

Tgt Ion: 172 Resp: 1240
 Ion Ratio Lower Upper
 172 100
 171 39.2 29.4 44.2
 170 28.8 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

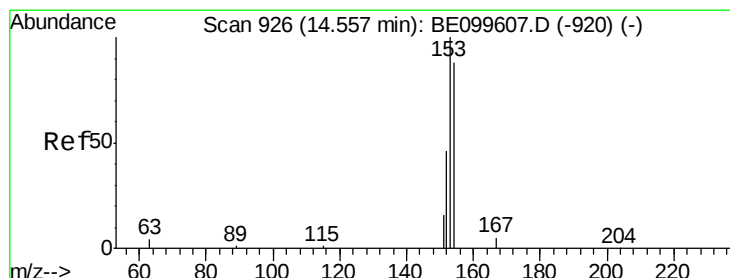
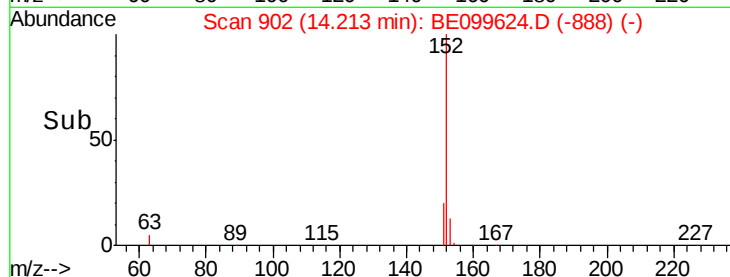
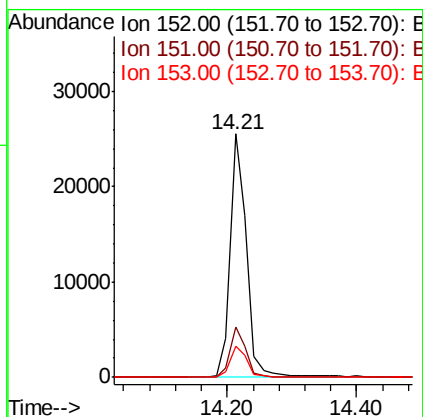
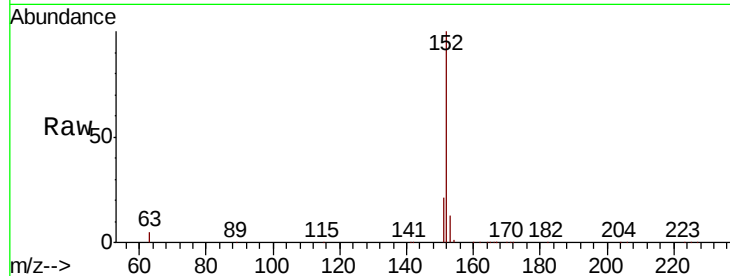




#16
Acenaphthylene
Concen: 2.196 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099624.D
Acq: 16 May 2019 15:54

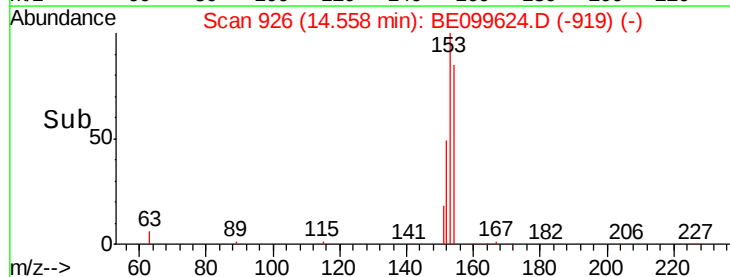
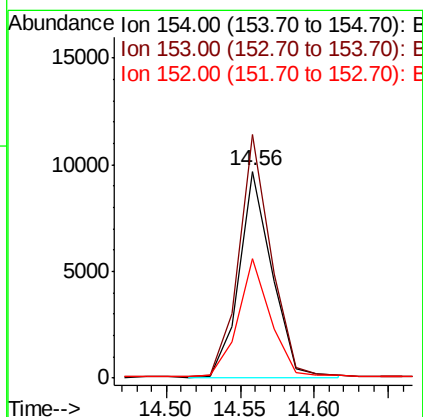
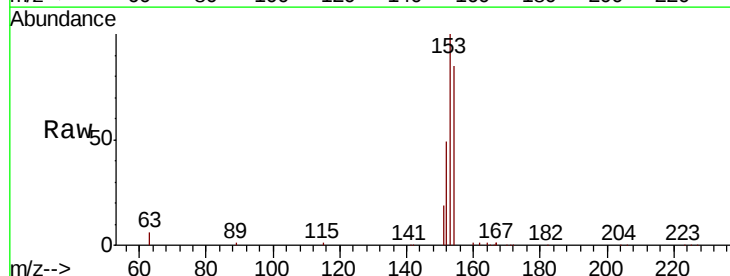
Instrument :
BNA_E
ClientSampleId :
PT-PAH-SOILDL

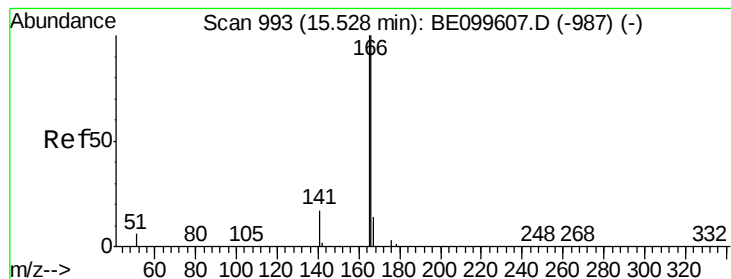
Tgt Ion:152 Resp: 43690
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.0 10.4 15.6



#17
Acenaphthene
Concen: 1.315 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099624.D
Acq: 16 May 2019 15:54

Tgt Ion:154 Resp: 14764
Ion Ratio Lower Upper
154 100
153 116.2 94.1 141.1
152 57.2 46.5 69.7





#18

Fluorene

Concen: 0.335 ng

RT: 15.54 min Scan# 994

Delta R.T. 0.01 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOILDL

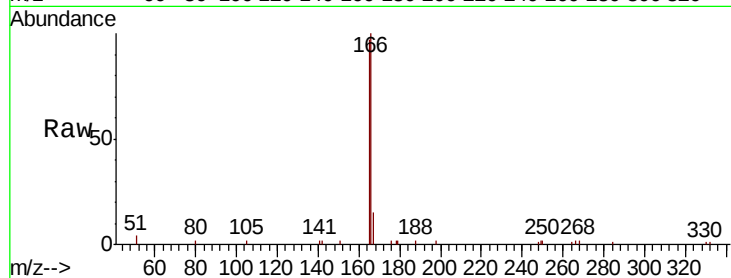
Tgt Ion:166 Resp: 5396

Ion Ratio Lower Upper

166 100

165 99.4 79.8 119.8

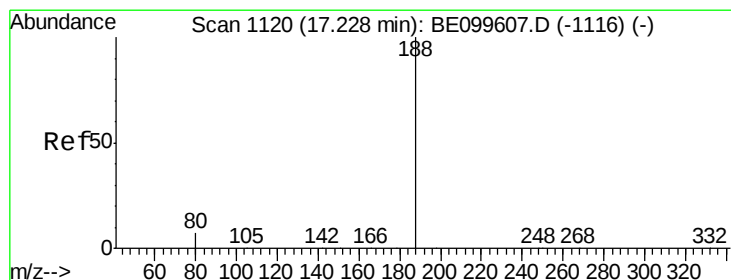
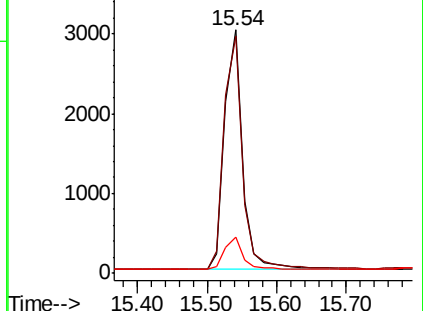
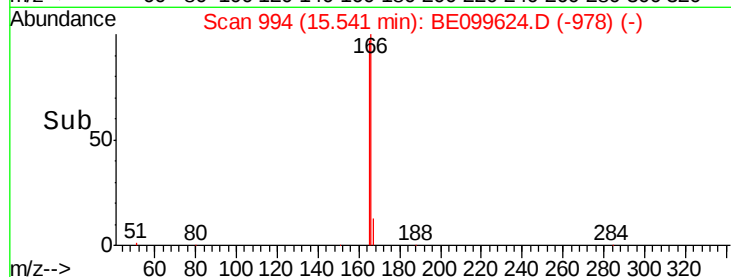
167 13.4 11.2 16.8



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: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

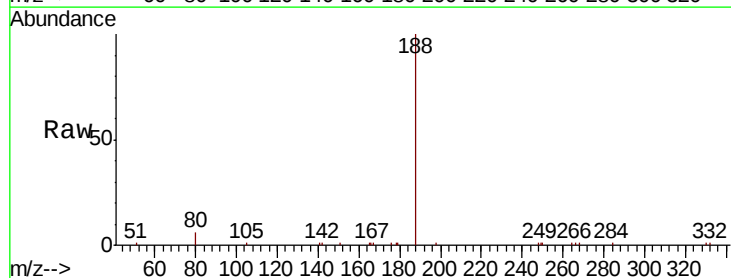
Tgt Ion:188 Resp: 12748

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

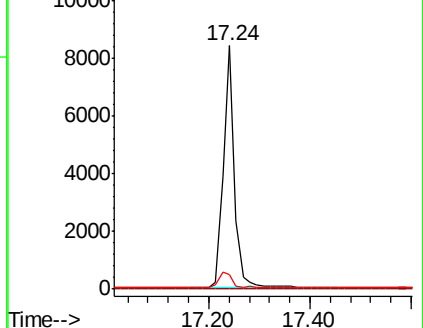
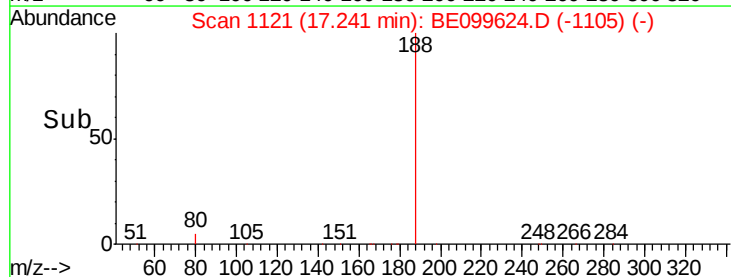
80 5.9 6.4 9.6#

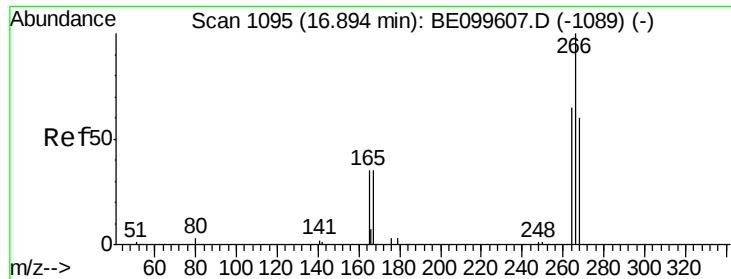


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.285 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.04 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOILDL

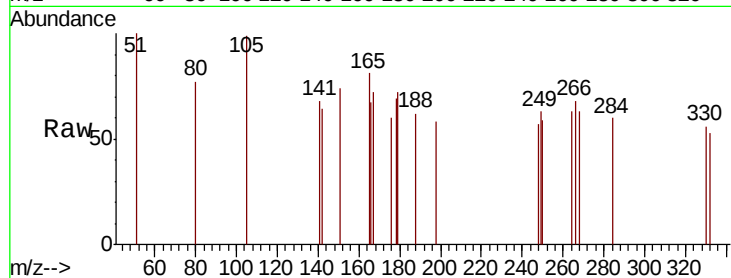
Tgt Ion:266 Resp: 43

Ion Ratio Lower Upper

266 100

264 92.7 57.7 86.5#

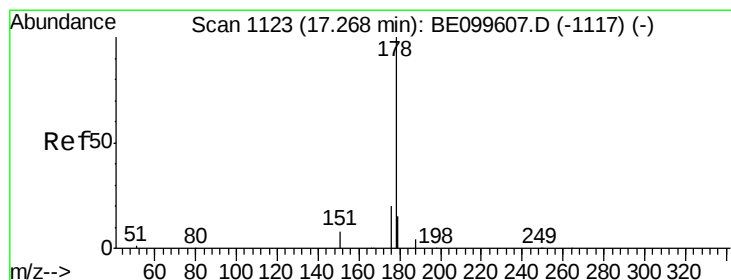
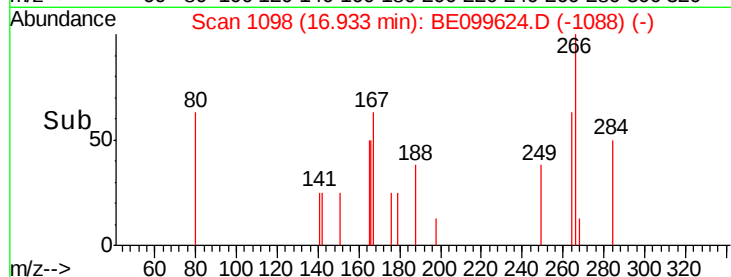
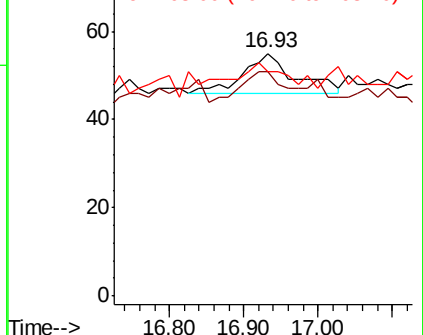
268 92.7 55.8 83.8#



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: 1.598 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

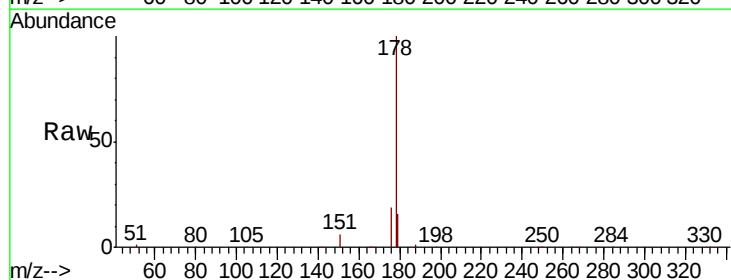
Tgt Ion:178 Resp: 50567

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

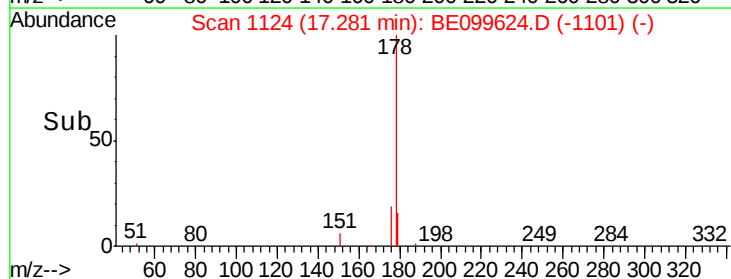
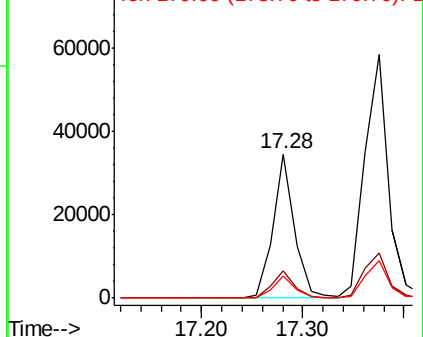
179 15.6 12.2 18.2

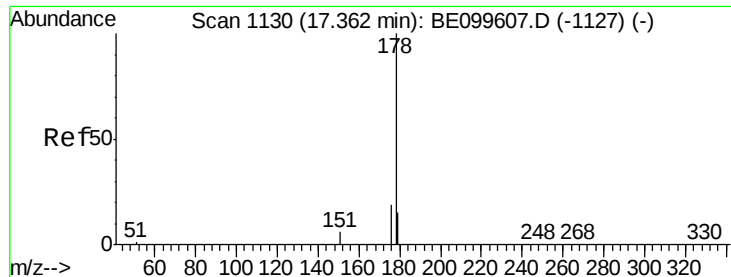


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 3.191 ng

RT: 17.37 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOILDL

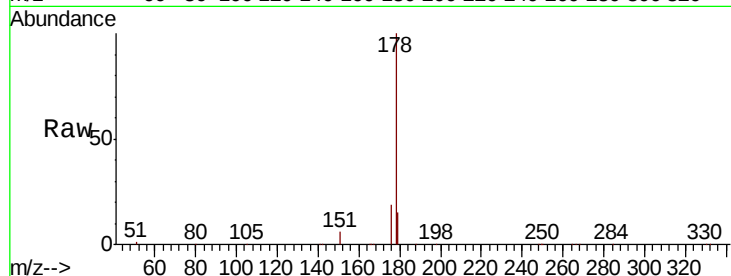
Tgt Ion:178 Resp: 93148

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

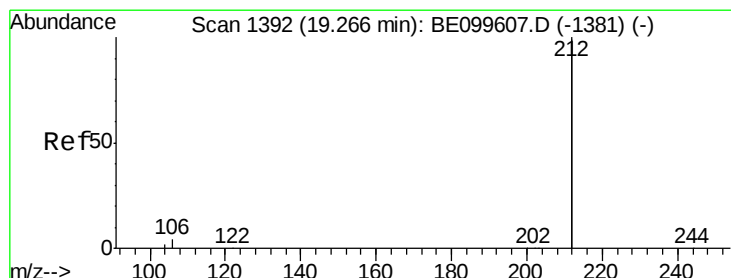
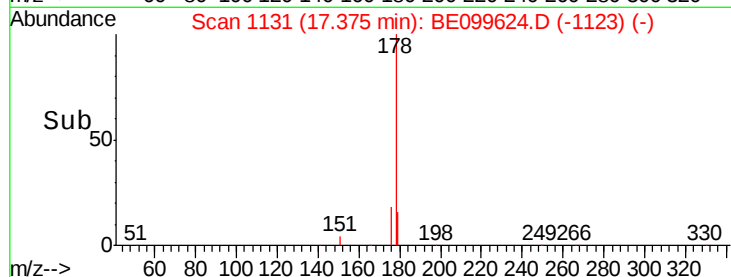
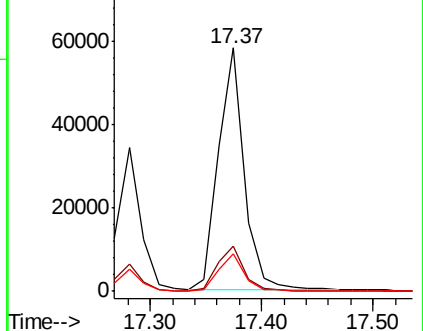
179 15.2 12.1 18.1



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: 0.080 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

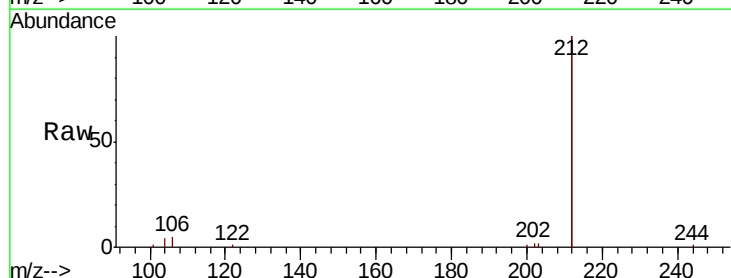
Tgt Ion:212 Resp: 13532

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

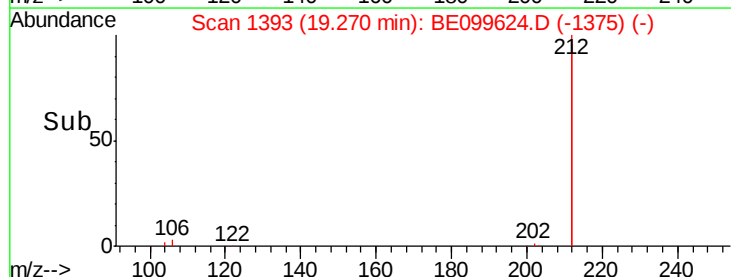
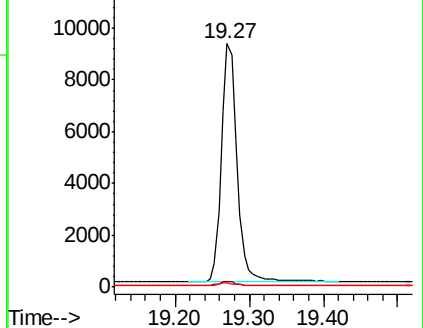
104 1.2 0.9 1.3

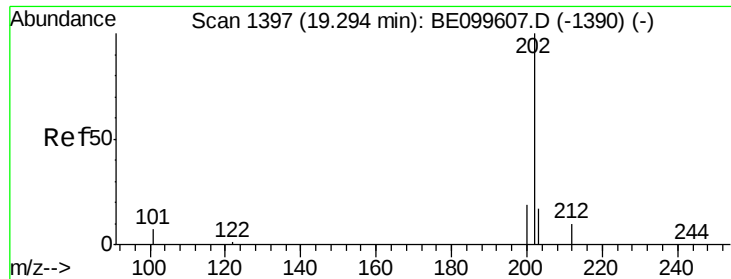


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

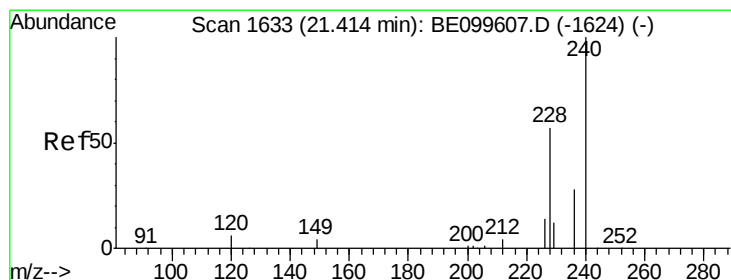
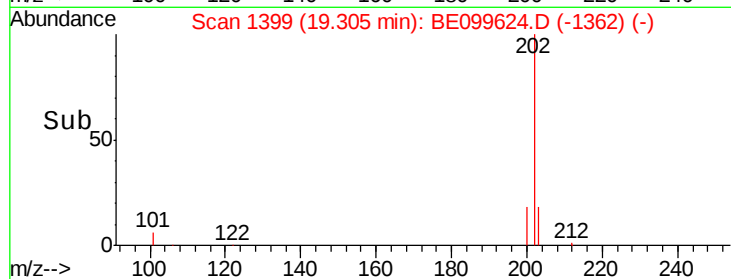
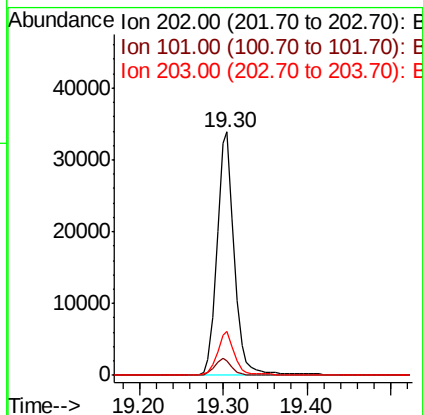
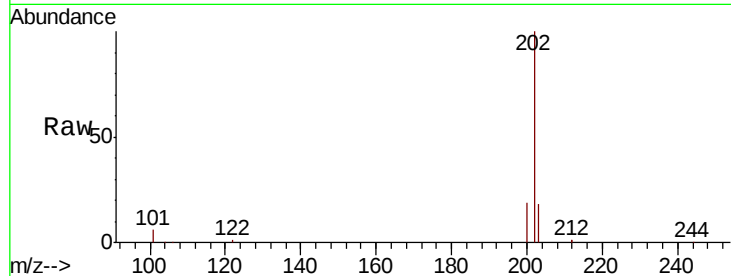




#26
 Fluoranthene
 Concen: 1.004 ng
 RT: 19.30 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BE099624.D
 Acq: 16 May 2019 15:54

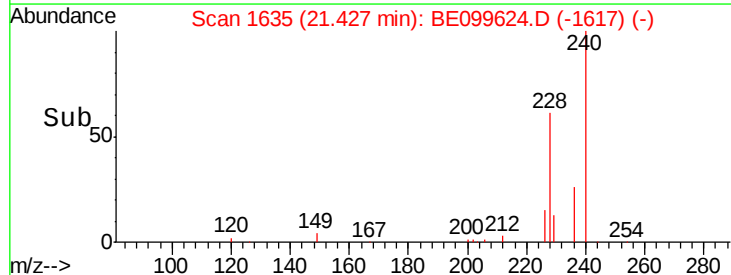
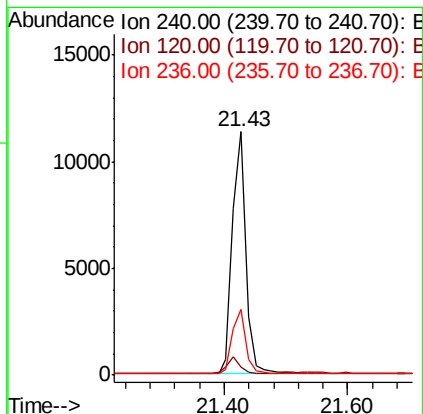
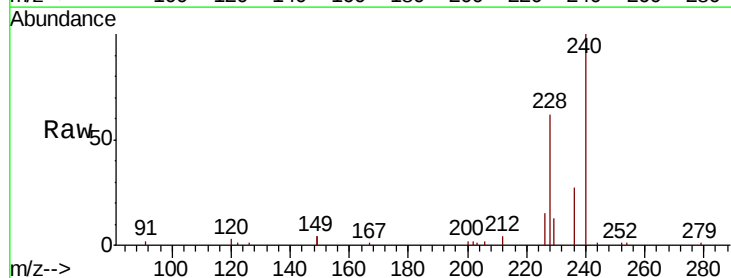
Instrument :
 BNA_E
 ClientSampleId :
 PT-PAH-SOILD

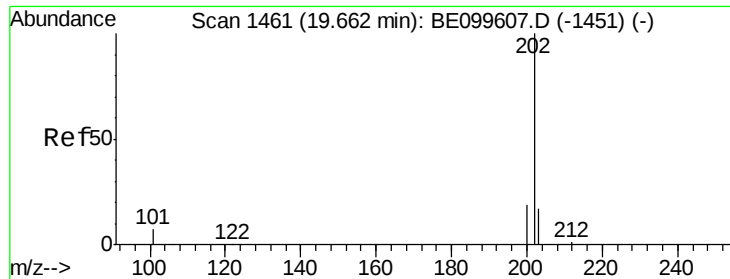
Tgt Ion: 202 Resp: 48057
 Ion Ratio Lower Upper
 202 100
 101 6.5 5.0 7.6
 203 17.3 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1635
 Delta R.T. 0.01 min
 Lab File: BE099624.D
 Acq: 16 May 2019 15:54

Tgt Ion: 240 Resp: 17112
 Ion Ratio Lower Upper
 240 100
 120 3.2 5.7 8.5#
 236 26.9 22.8 34.2

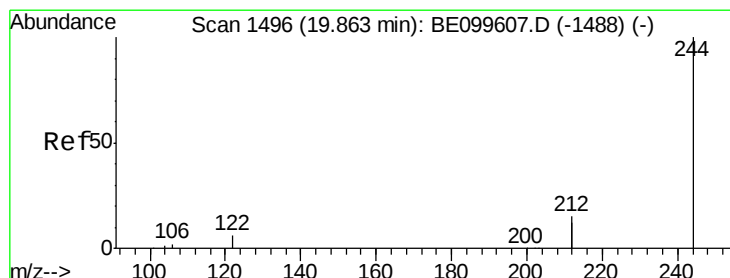
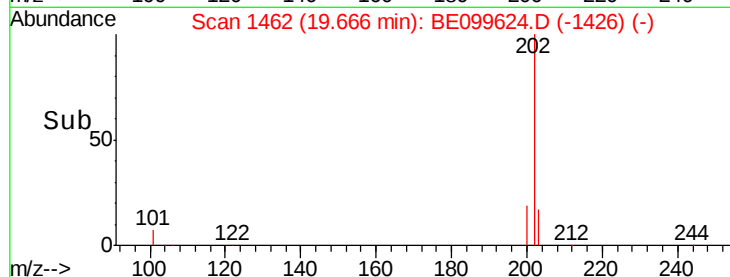
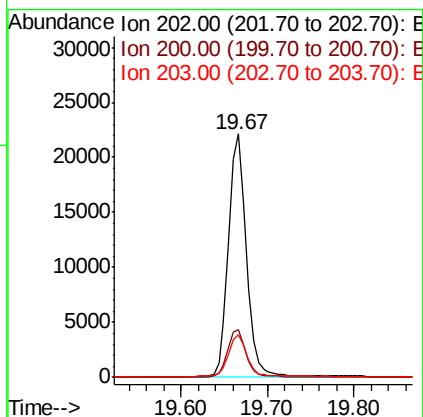
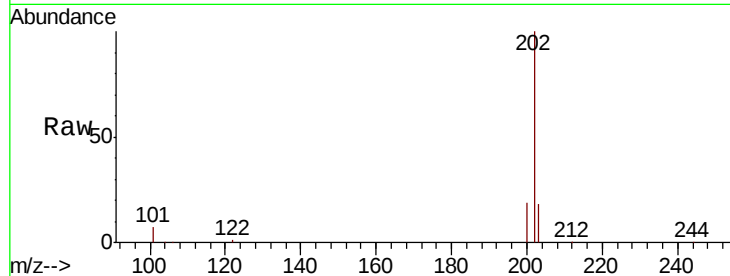




#28
 Pyrene
 Concen: 0.718 ng
 RT: 19.67 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BE099624.D
 Acq: 16 May 2019 15:54

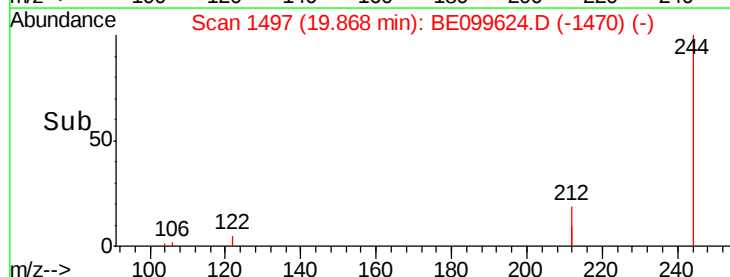
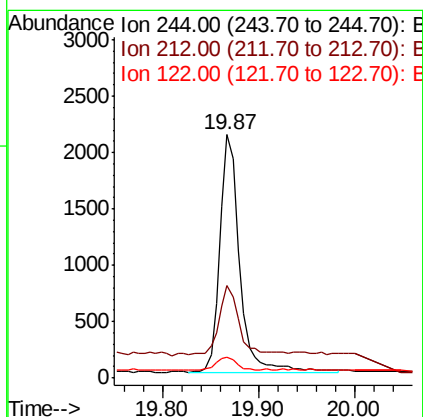
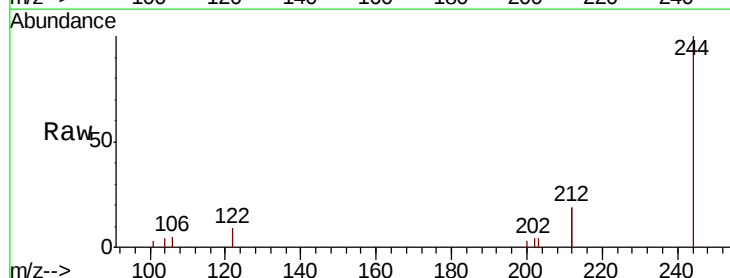
Instrument :
 BNA_E
 ClientSampleId :
 PT-PAH-SOILDL

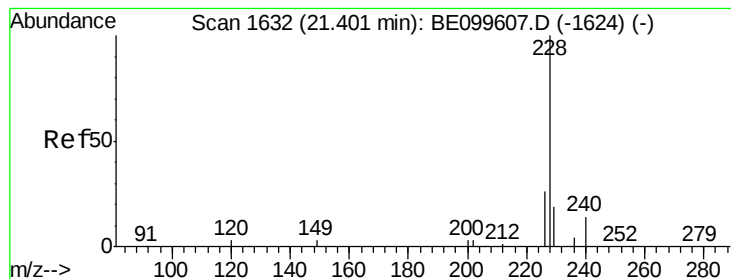
Tgt Ion: 202 Resp: 31309
 Ion Ratio Lower Upper
 202 100
 200 19.6 15.8 23.6
 203 17.7 14.1 21.1



#29
 Terphenyl-d14
 Concen: 0.098 ng
 RT: 19.87 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BE099624.D
 Acq: 16 May 2019 15:54

Tgt Ion: 244 Resp: 3020
 Ion Ratio Lower Upper
 244 100
 212 38.0 23.8 35.6#
 122 8.8 5.0 7.6#





#30

Benzo(a)anthracene

Concen: 2.109 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOILDL

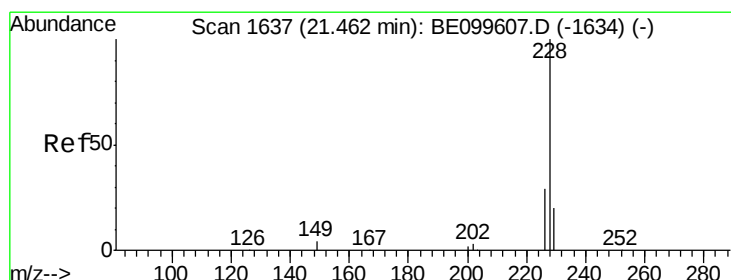
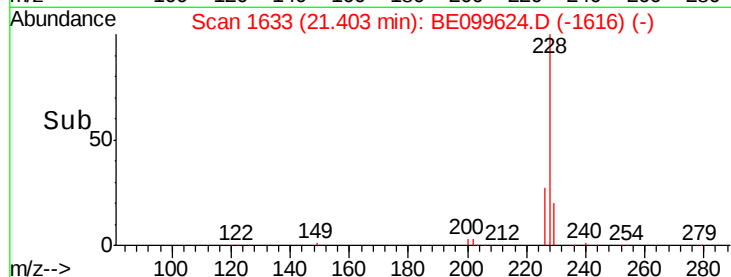
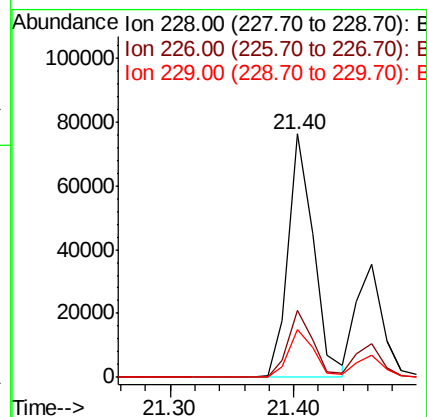
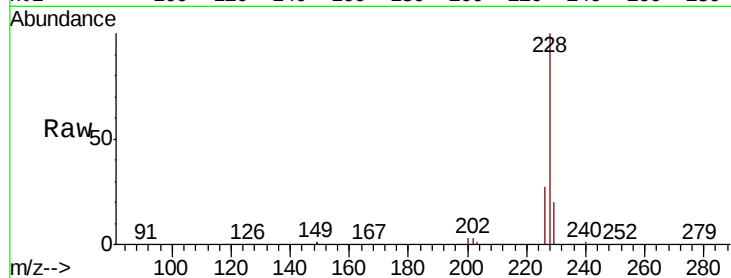
Tgt Ion:228 Resp: 109038

Ion Ratio Lower Upper

228 100

226 27.5 21.4 32.2

229 19.7 15.8 23.8



#31

Chrysene

Concen: 0.994 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

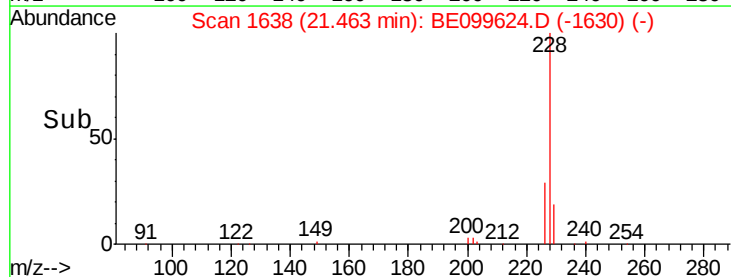
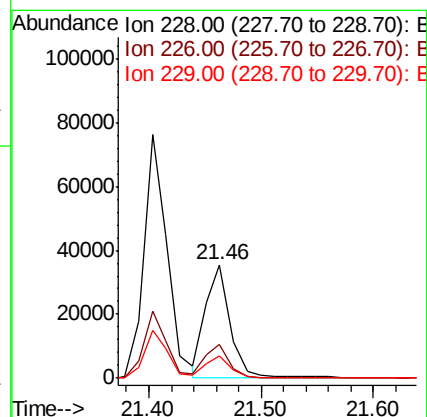
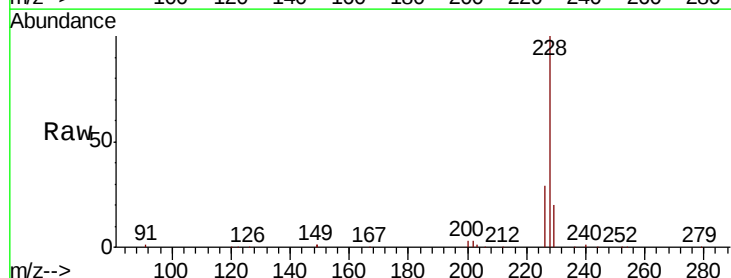
Tgt Ion:228 Resp: 52964

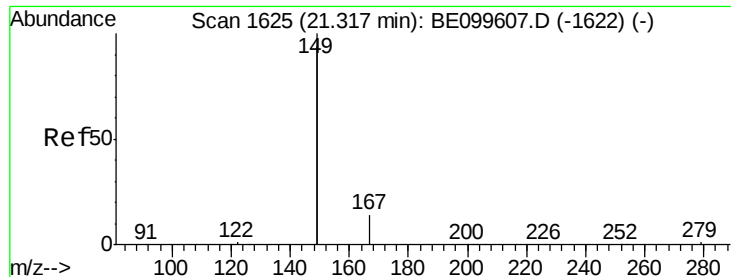
Ion Ratio Lower Upper

228 100

226 29.3 23.0 34.4

229 19.7 16.4 24.6

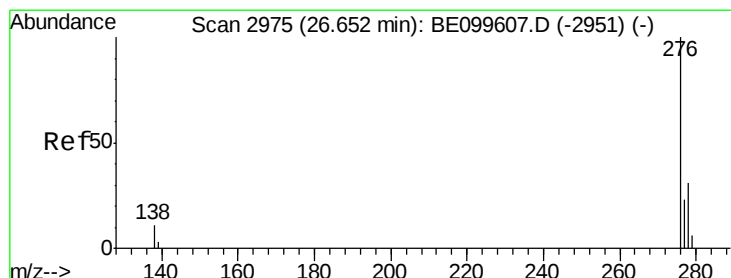
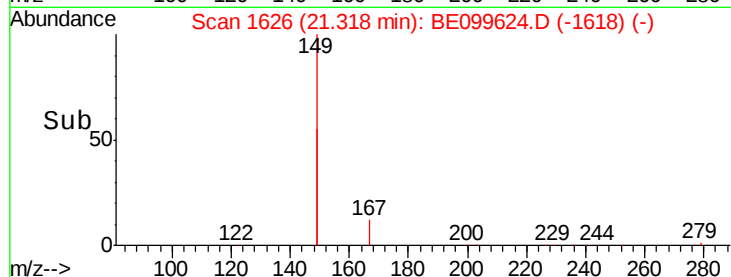
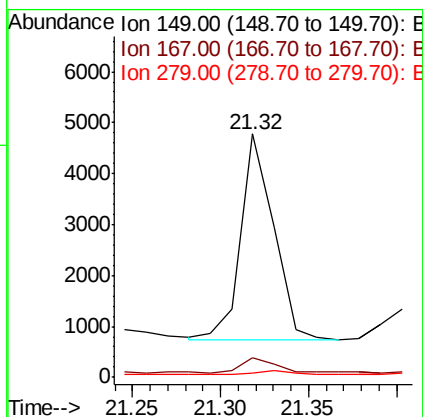
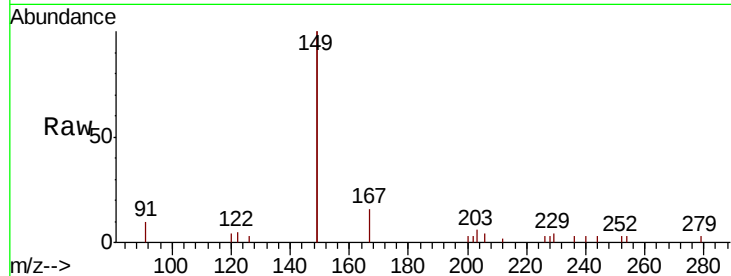




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.066 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BE099624.D
 Acq: 16 May 2019 15:54

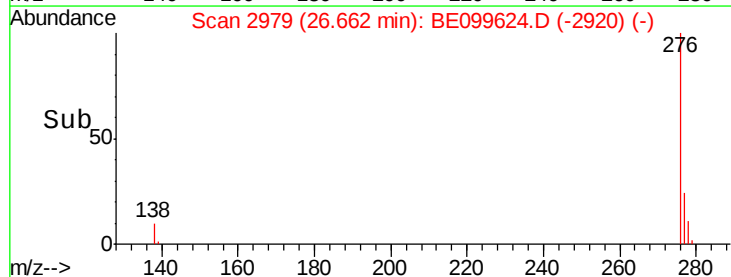
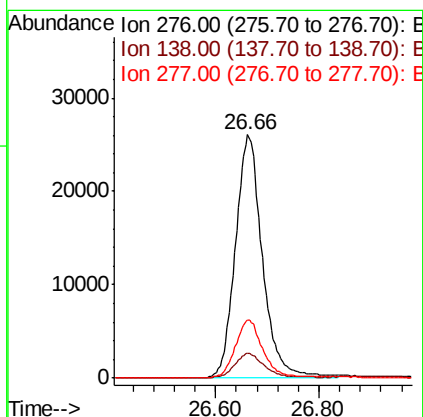
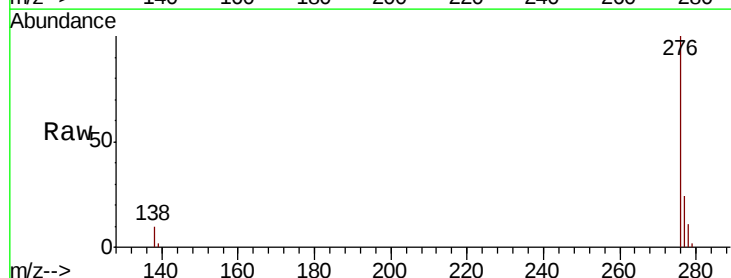
Instrument :
 BNA_E
 ClientSampleId :
 PT-PAH-SOILD

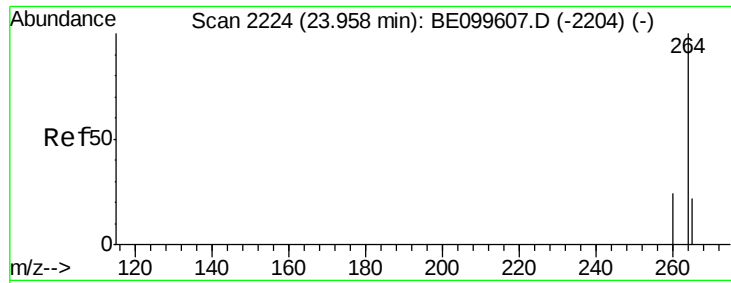
Tgt Ion:149 Resp: 5280
 Ion Ratio Lower Upper
 149 100
 167 7.7 6.0 9.0
 279 1.9 1.1 1.7#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.421 ng
 RT: 26.66 min Scan# 2979
 Delta R.T. 0.01 min
 Lab File: BE099624.D
 Acq: 16 May 2019 15:54

Tgt Ion:276 Resp: 94184
 Ion Ratio Lower Upper
 276 100
 138 10.5 10.0 15.0
 277 23.9 19.1 28.7

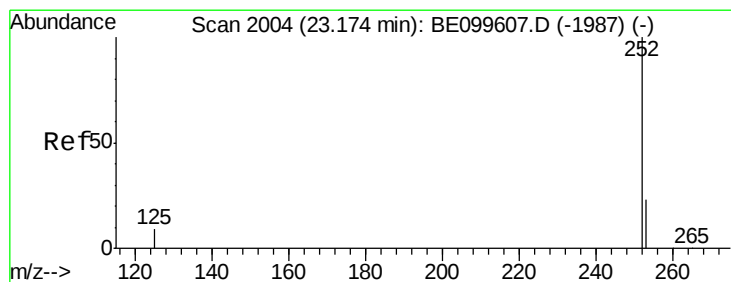
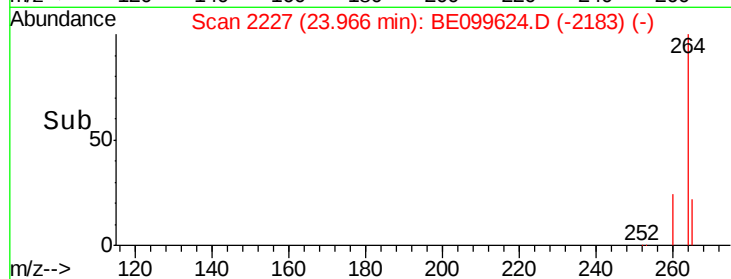
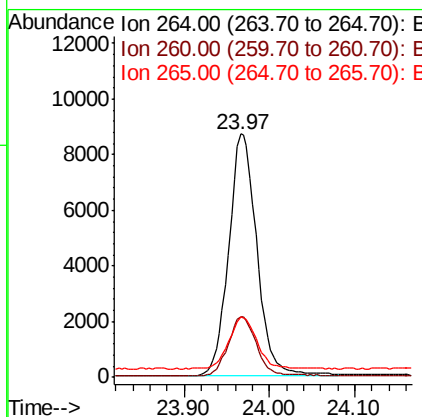
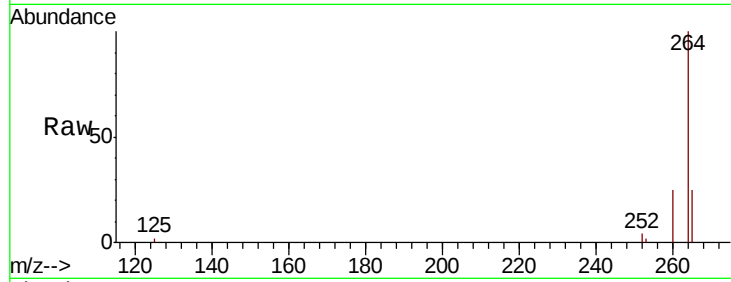




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BE099624.D
Acq: 16 May 2019 15:54

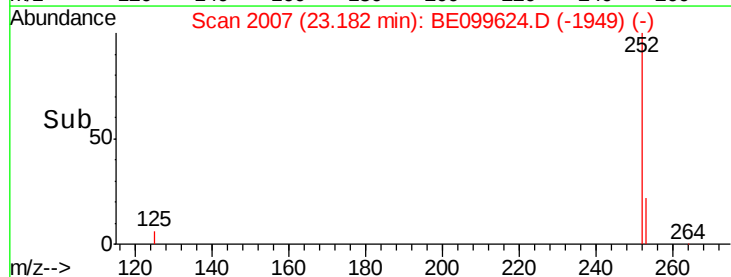
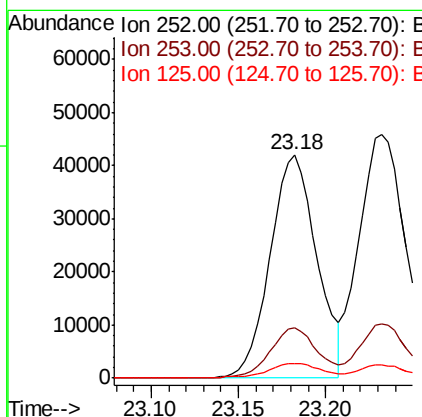
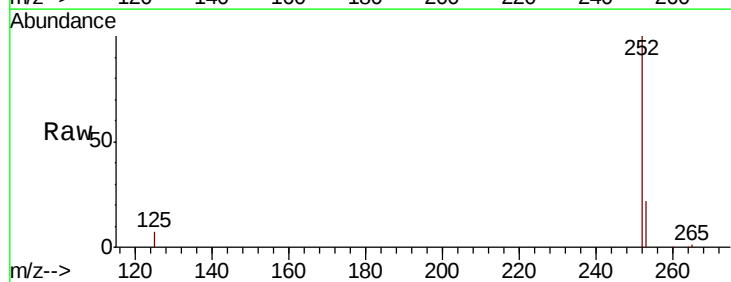
Instrument :
BNA_E
ClientSampleId :
PT-PAH-SOILDL

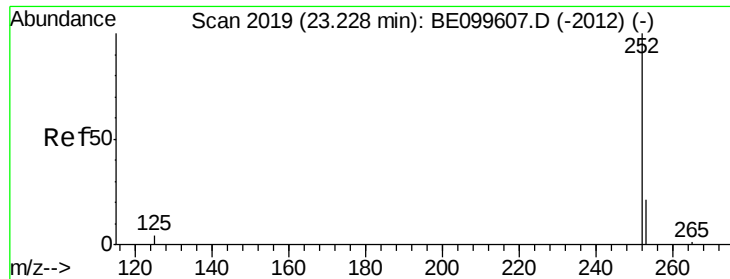
Tgt Ion: 264 Resp: 19902
Ion Ratio Lower Upper
264 100
260 24.8 19.7 29.5
265 25.0 21.2 31.8



#35
Benzo(b)fluoranthene
Concen: 1.399 ng
RT: 23.18 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BE099624.D
Acq: 16 May 2019 15:54

Tgt Ion: 252 Resp: 77868
Ion Ratio Lower Upper
252 100
253 22.3 19.1 28.7
125 6.7 7.8 11.8#

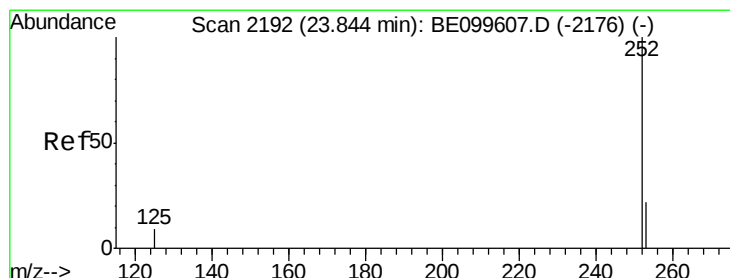
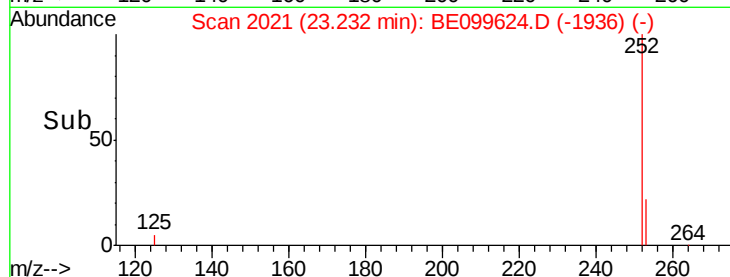
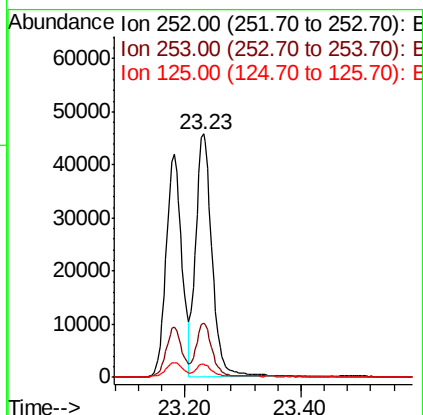
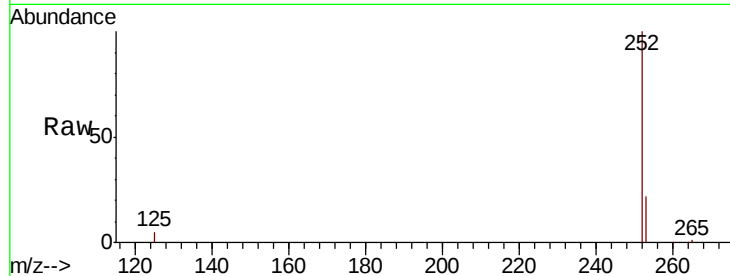




#36
Benzo(k)fluoranthene
Concen: 1.630 ng
RT: 23.23 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BE099624.D
Acq: 16 May 2019 15:54

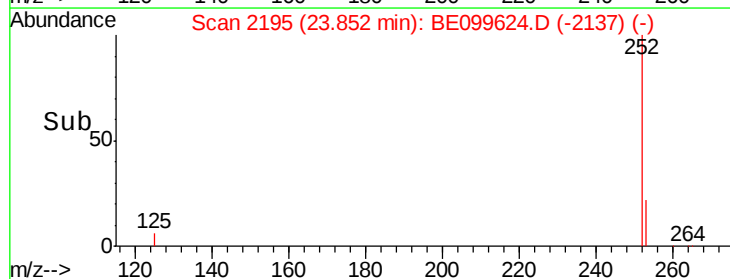
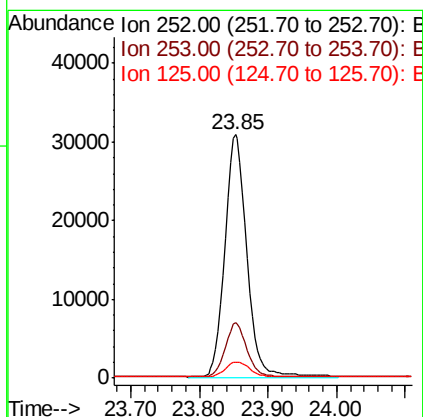
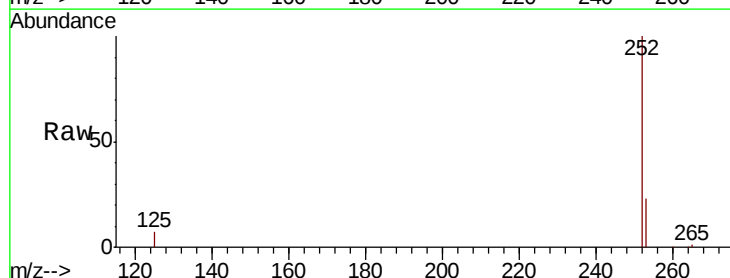
Instrument :
BNA_E
ClientSampleId :
PT-PAH-SOILD

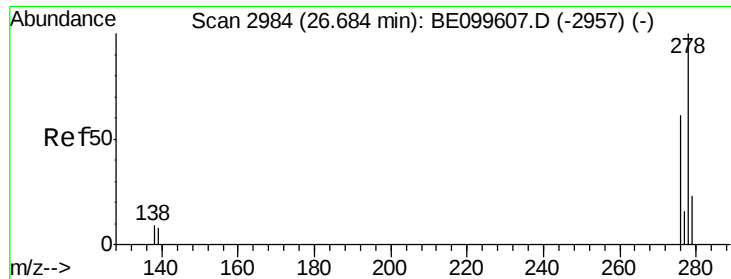
Tgt Ion:252 Resp: 89562
Ion Ratio Lower Upper
252 100
253 22.1 18.6 28.0
125 5.4 5.2 7.8



#37
Benzo(a)pyrene
Concen: 1.281 ng
RT: 23.85 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BE099624.D
Acq: 16 May 2019 15:54

Tgt Ion:252 Resp: 69059
Ion Ratio Lower Upper
252 100
253 22.8 19.0 28.6
125 6.7 8.8 13.2#





#38

Dibenzo(a,h)anthracene

Concen: 0.517 ng

RT: 26.69 min Scan# 2988

Delta R.T. 0.01 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

Instrument :

BNA_E

ClientSampleId :

PT-PAH-SOILDL

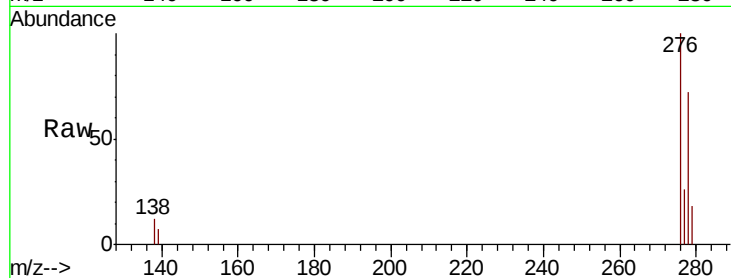
Tgt Ion:278 Resp: 28881

Ion Ratio Lower Upper

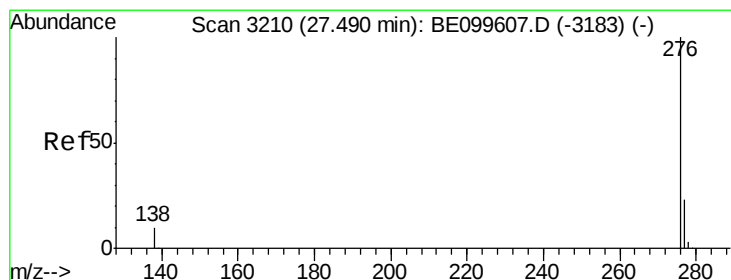
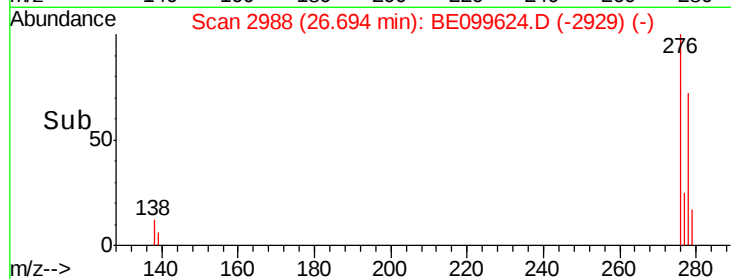
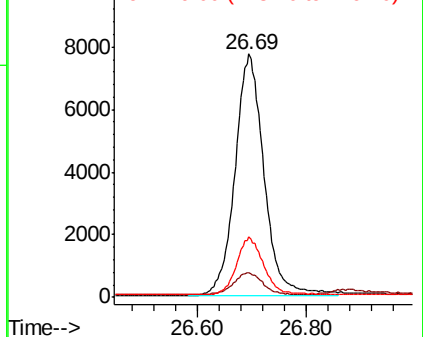
278 100

139 9.9 7.9 11.9

279 25.1 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: 0.932 ng

RT: 27.50 min Scan# 3213

Delta R.T. 0.01 min

Lab File: BE099624.D

Acq: 16 May 2019 15:54

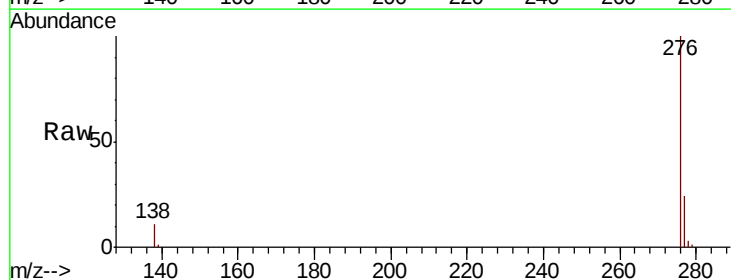
Tgt Ion:276 Resp: 52391

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 10.6 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

