

Data File : BE101030.D
Acq On : 10 Jan 2020 19:26
Operator : JU
Sample : K3591-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT3-2019

Quant Time: Jan 11 00:53:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3143	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	14047	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	8909	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	19084	0.40	ng	0.00
27) Chrysene-d12	21.28	240	14482	0.40	ng	0.00
34) Perylene-d12	23.69	264	17292	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2303	0.33	ng	0.00
5) Phenol-d6	6.92	99	2210	0.25	ng	0.00
8) Nitrobenzene-d5	8.89	82	2445	0.24	ng	0.01
11) 2-Methylnaphthalene-d10	12.11	152	8376	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	534	0.21	ng	0.01
15) 2-Fluorobiphenyl	13.00	172	12461	0.37	ng	0.00
25) Fluoranthene-d10	19.13	212	73740	0.28	ng	0.00
29) Terphenyl-d14	19.74	244	14708	0.41	ng	0.00

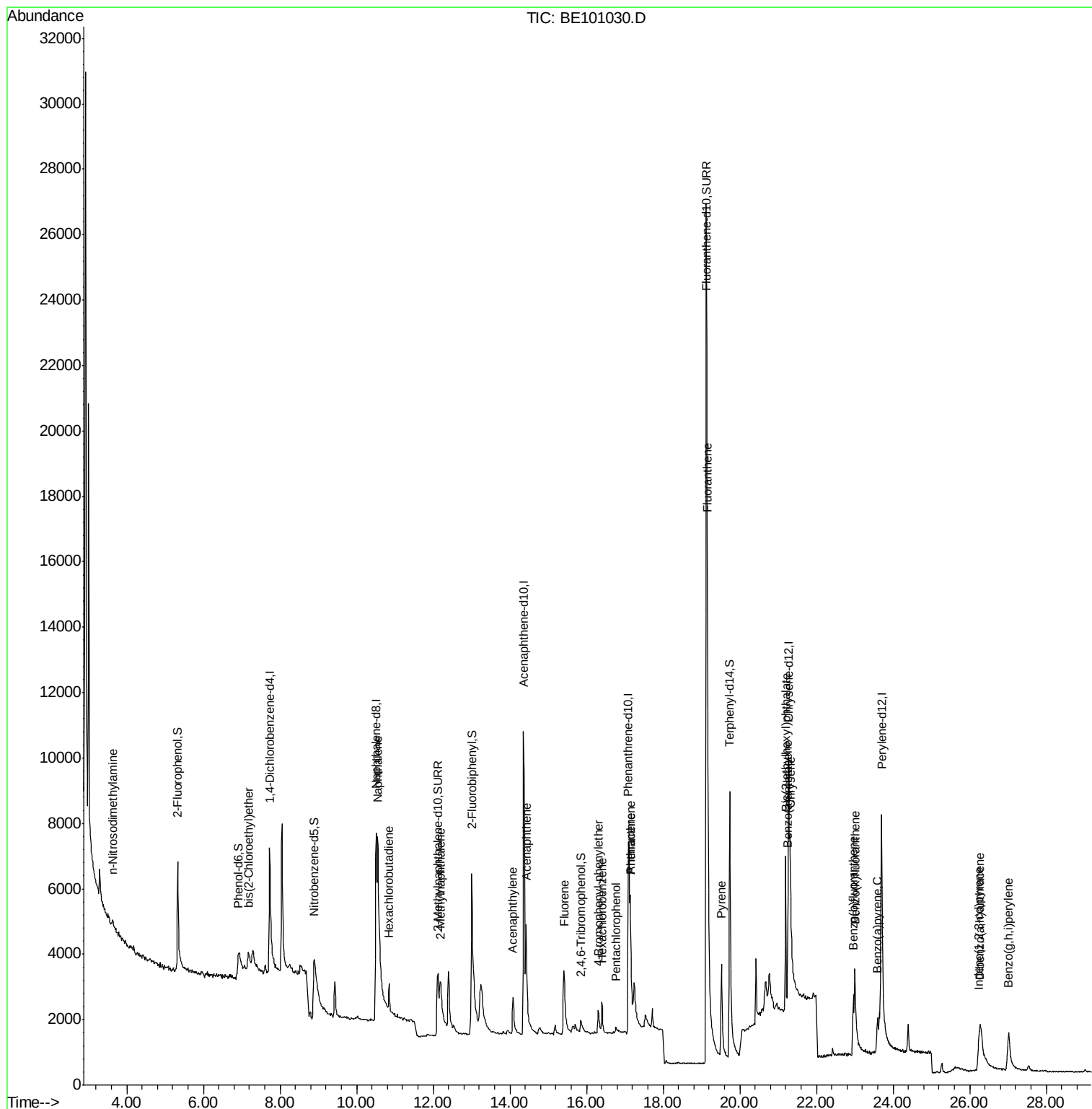
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	917	Below Cal	#	81
3) n-Nitrosodimethylamine	3.63	42	159	0.036 ng	#	46
6) bis(2-Chloroethyl)ether	7.17	93	570	0.053 ng		86
9) Naphthalene	10.56	128	13801	0.088 ng	#	96
10) Hexachlorobutadiene	10.85	225	589	0.089 ng		96
12) 2-Methylnaphthalene	12.19	142	1971	0.084 ng		94
16) Acenaphthylene	14.08	152	2400	0.066 ng		96
17) Acenaphthene	14.43	154	1929	0.074 ng		94
18) Fluorene	15.41	166	2462	0.075 ng		99
20) 4-Bromophenyl-phenylether	16.30	248	765	0.082 ng	#	81
21) Hexachlorobenzene	16.41	284	879	0.086 ng		97
22) Pentachlorophenol	16.76	266	280	0.328 ng		91
23) Phenanthrene	17.15	178	3926	0.075 ng		98
24) Anthracene	17.15	178	3926	0.080 ng		99
26) Fluoranthene	19.16	202	4927	0.075 ng		98
28) Pyrene	19.52	202	5019	0.093 ng		99
30) Benzo(a)anthracene	21.26	228	2572	0.062 ng		96
31) Chrysene	21.32	228	6163	0.100 ng		99
32) Bis(2-ethylhexyl)phthalate	21.20	149	5462	0.079 ng		99
33) Indeno(1,2,3-cd)pyrene	26.24	276	3924	0.081 ng	#	75
35) Benzo(b)fluoranthene	22.96	252	2984	0.062 ng	#	82
36) Benzo(k)fluoranthene	23.01	252	4892	0.070 ng	#	80
37) Benzo(a)pyrene	23.59	252	3567	0.076 ng	#	79
38) Dibenzo(a,h)anthracene	26.27	278	2218	0.051 ng	#	67
39) Benzo(g,h,i)perylene	27.01	276	4057	0.076 ng	#	89

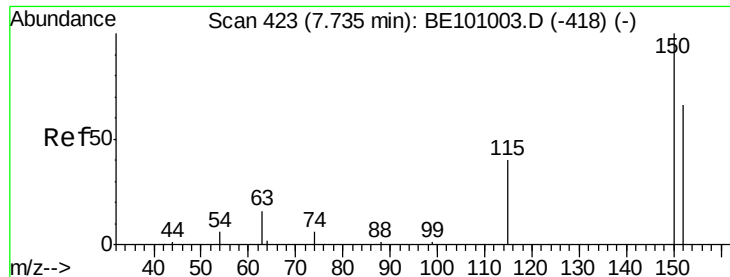
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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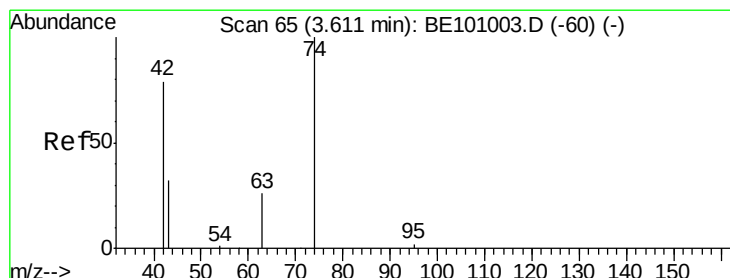
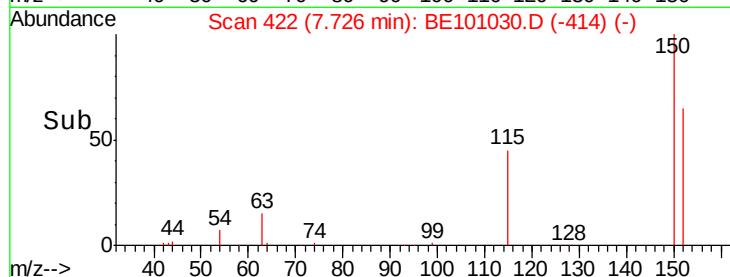
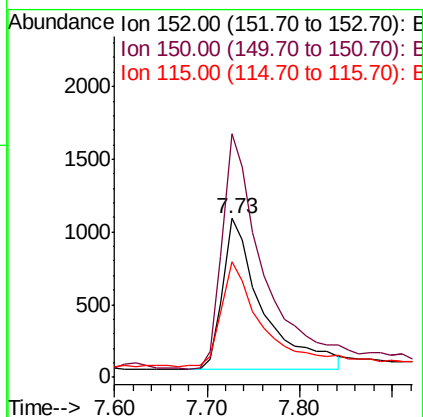
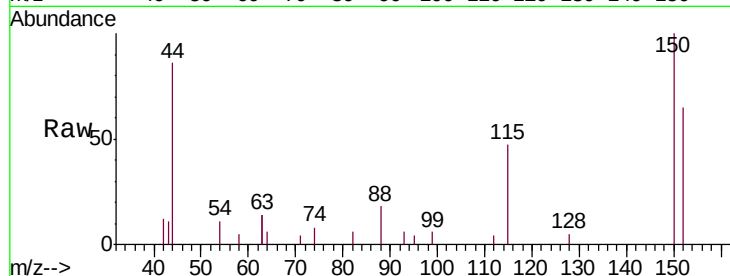


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101030.D
Acq: 10 Jan 2020 19:26

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT3-2019

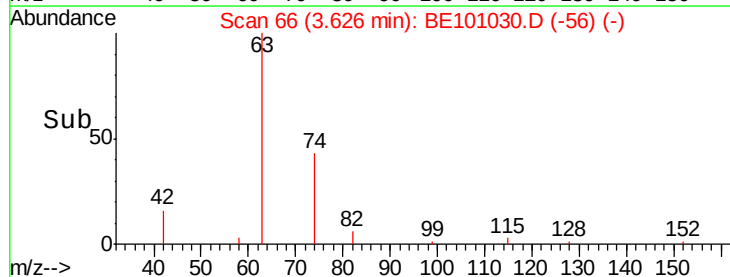
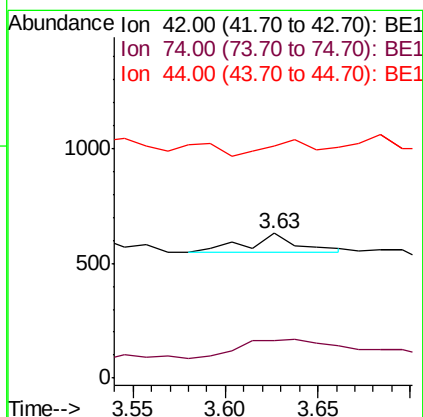
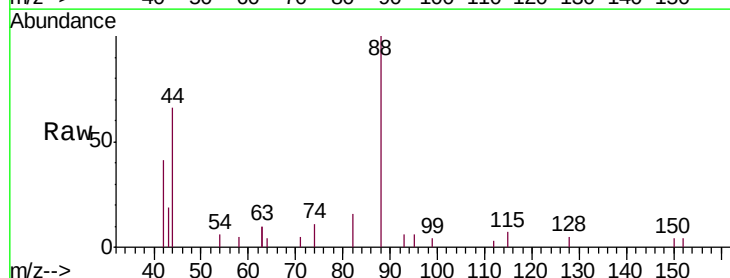
Tgt Ion:152 Resp: 3143
Ion Ratio Lower Upper
152 100
150 153.4 120.3 180.5
115 72.5 51.7 77.5

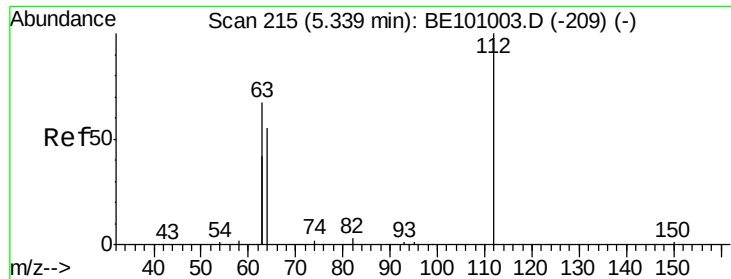


#3

n-Nitrosodimethylamine
Concen: 0.036 ng
RT: 3.63 min Scan# 66
Delta R.T. 0.01 min
Lab File: BE101030.D
Acq: 10 Jan 2020 19:26

Tgt Ion: 42 Resp: 159
Ion Ratio Lower Upper
42 100
74 183.0 105.7 158.5#
44 76.7 10.0 15.0#





#4

2-Fluorophenol

Concen: 0.326 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT3-2019

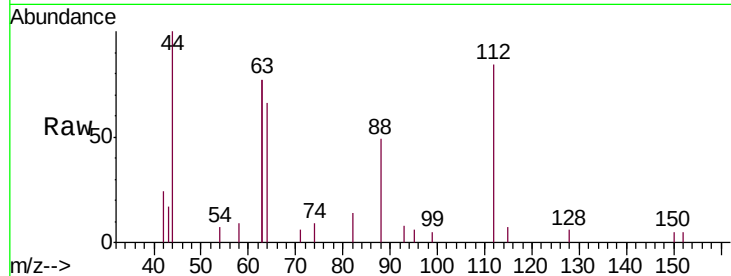
Tgt Ion: 112 Resp: 2303

Ion Ratio Lower Upper

112 100

64 71.2 53.6 80.4

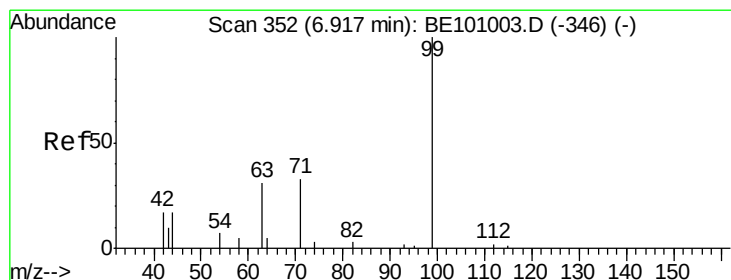
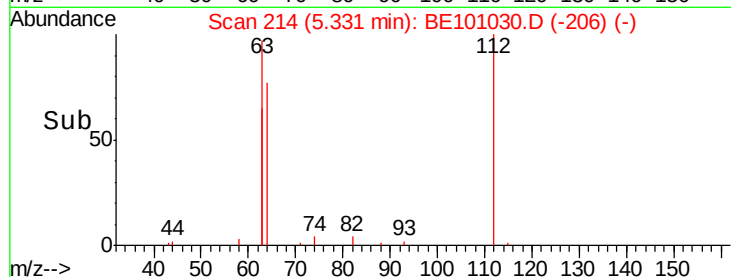
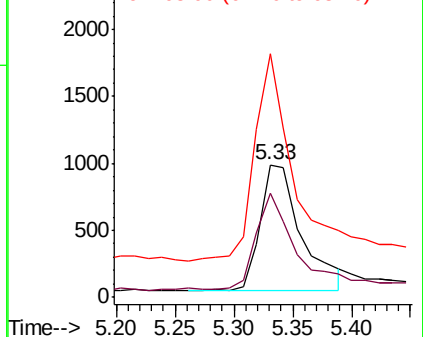
63 150.7 114.6 172.0



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.247 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

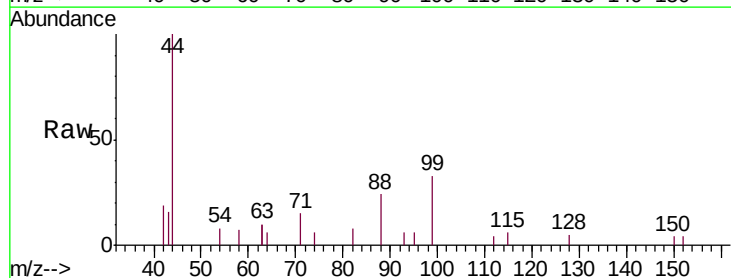
Tgt Ion: 99 Resp: 2210

Ion Ratio Lower Upper

99 100

42 14.4 18.3 27.5#

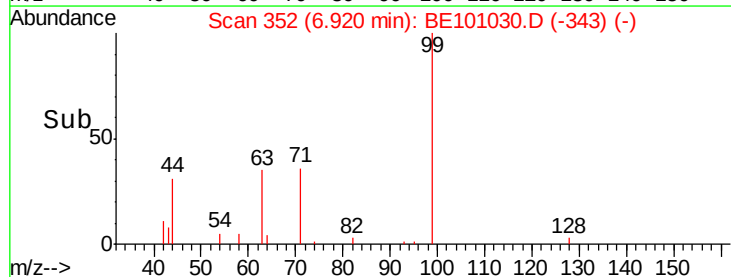
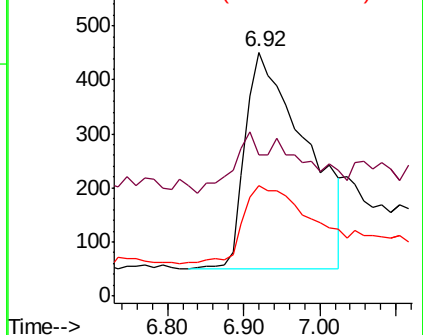
71 40.3 28.0 42.0

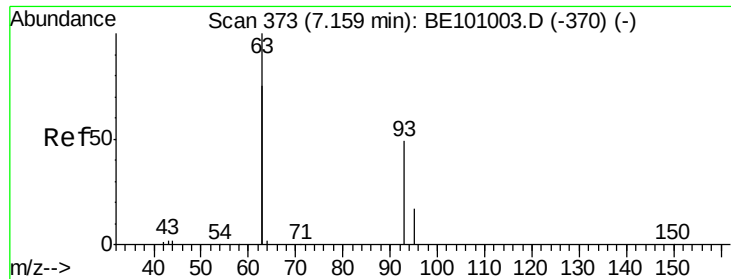


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.053 ng

RT: 7.17 min Scan# 374

Delta R.T. 0.01 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT3-2019

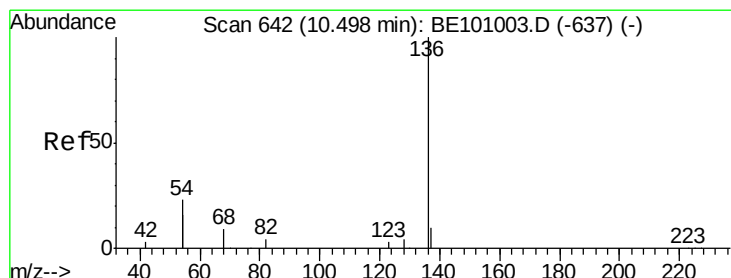
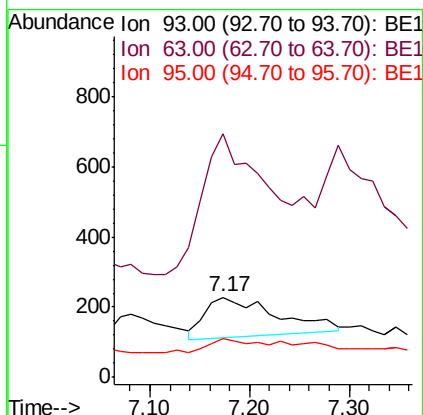
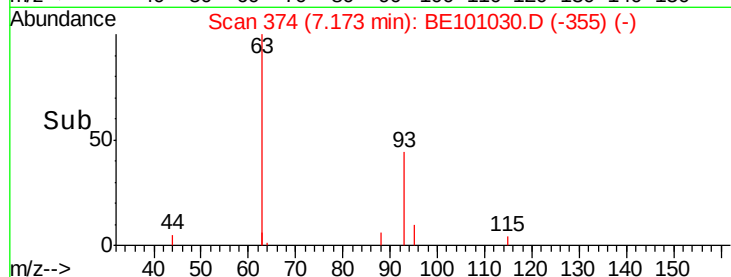
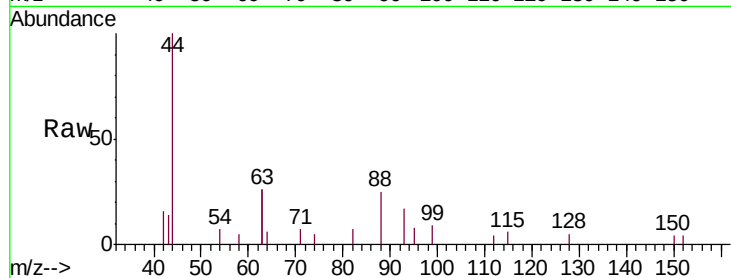
Tgt Ion: 93 Resp: 570

Ion Ratio Lower Upper

93 100

63 319.3 233.9 350.9

95 24.2 23.5 35.3



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

Tgt Ion: 136 Resp: 14047

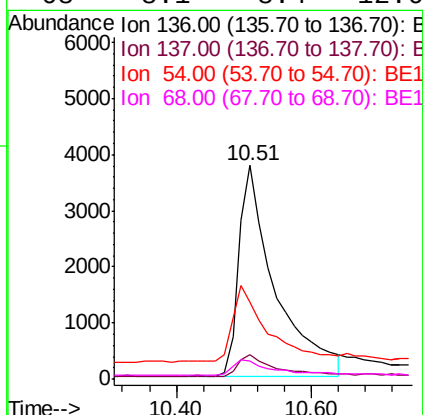
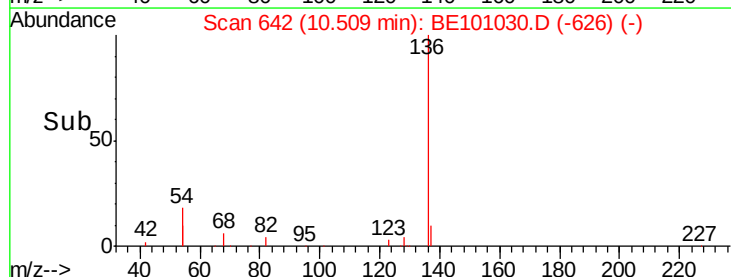
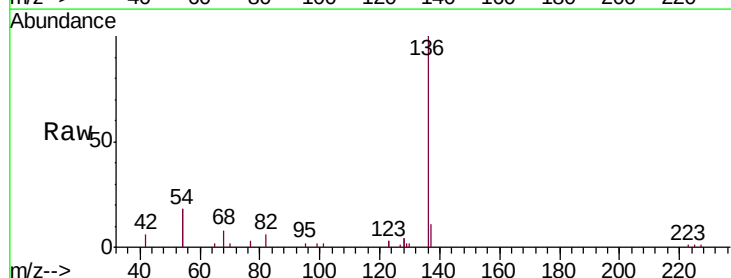
Ion Ratio Lower Upper

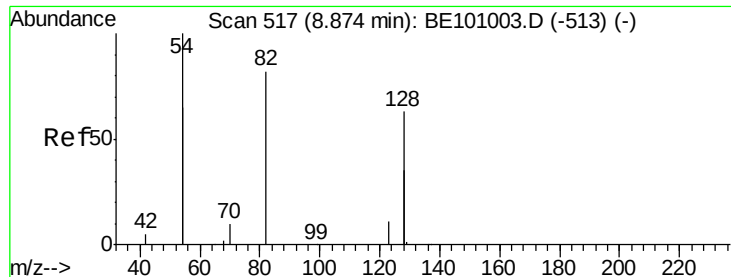
136 100

137 11.3 9.3 13.9

54 36.2 36.8 55.2#

68 8.1 8.4 12.6#





#8

Nitrobenzene-d5

Concen: 0.243 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT3-2019

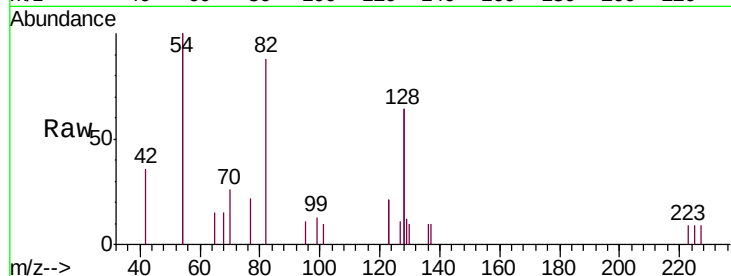
Tgt Ion: 82 Resp: 2445

Ion Ratio Lower Upper

82 100

128 144.6 109.8 164.6

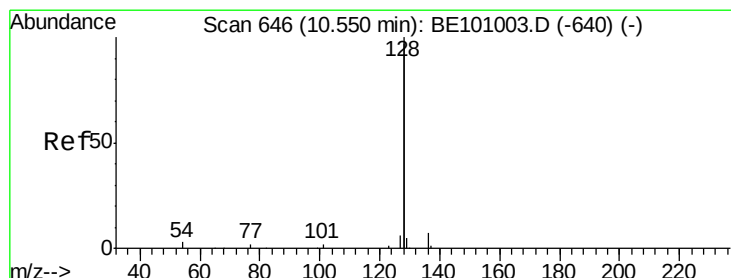
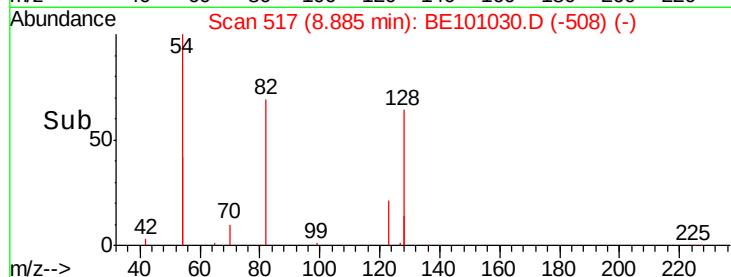
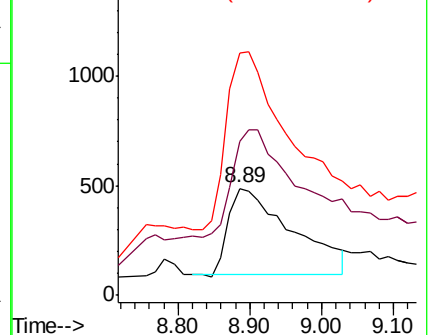
54 226.7 174.5 261.7



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 0.088 ng

RT: 10.56 min Scan# 646

Delta R.T. 0.01 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

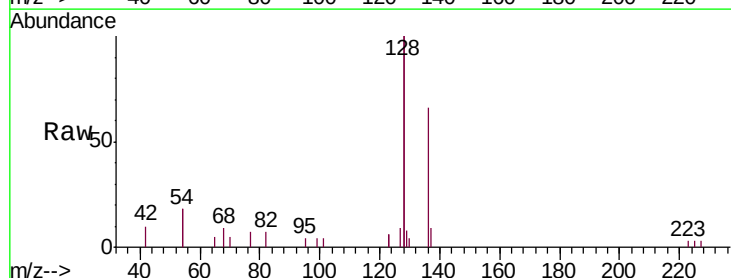
Tgt Ion: 128 Resp: 13801

Ion Ratio Lower Upper

128 100

129 4.2 2.3 3.5#

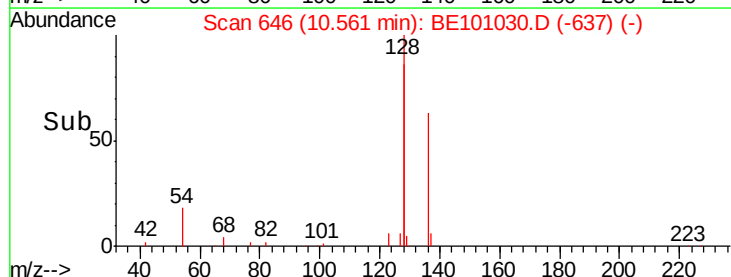
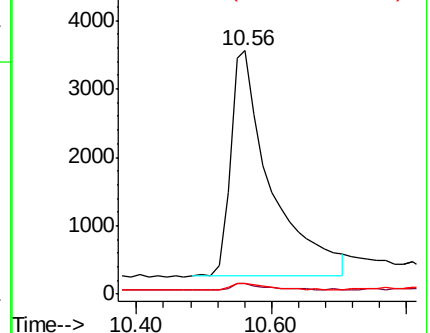
127 4.5 2.7 4.1#

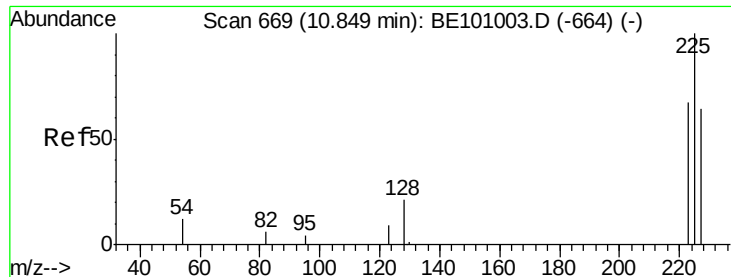


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

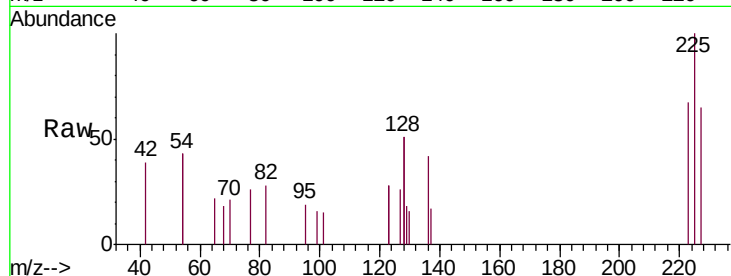




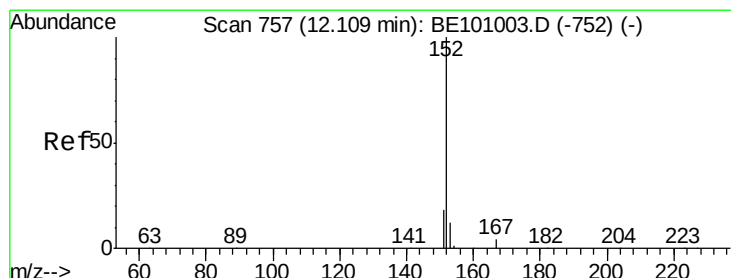
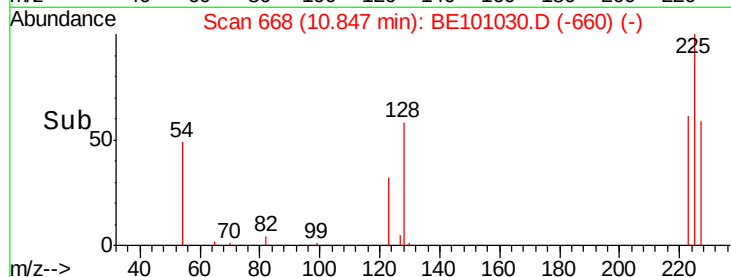
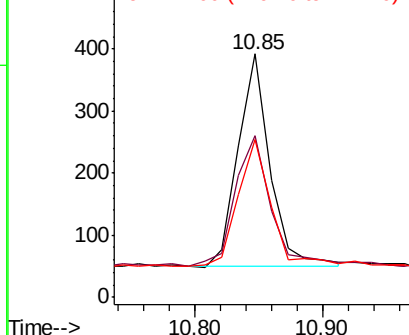
#10
Hexachlorobutadiene
Concen: 0.089 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE101030.D
Acq: 10 Jan 2020 19:26

Instrument :
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LOQ-SOIL-02-QT3-2019

Tgt Ion: 225 Resp: 589
Ion Ratio Lower Upper
225 100
223 70.5 52.2 78.4
227 63.0 49.9 74.9

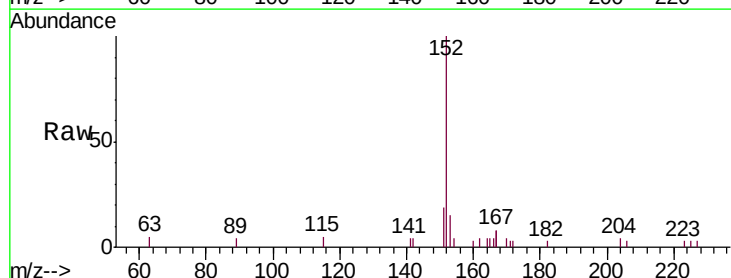


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

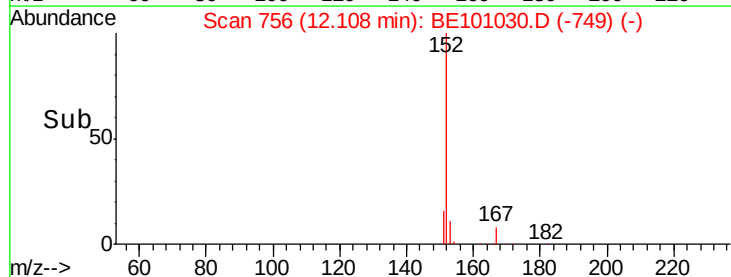
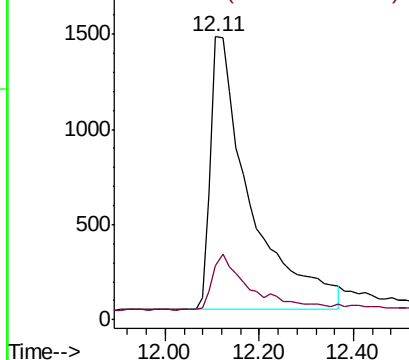


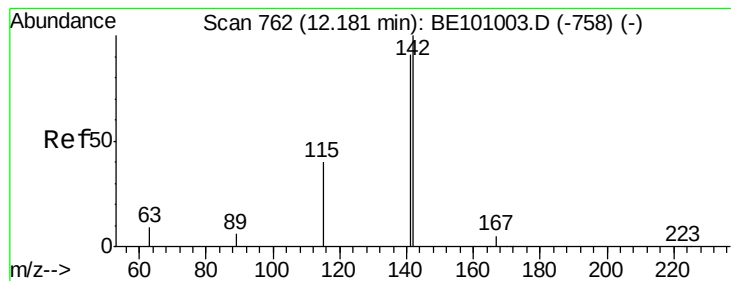
#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.00 min
Lab File: BE101030.D
Acq: 10 Jan 2020 19:26

Tgt Ion: 152 Resp: 8376
Ion Ratio Lower Upper
152 100
151 19.4 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.084 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.01 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

Instrument :

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ClientSampleId :

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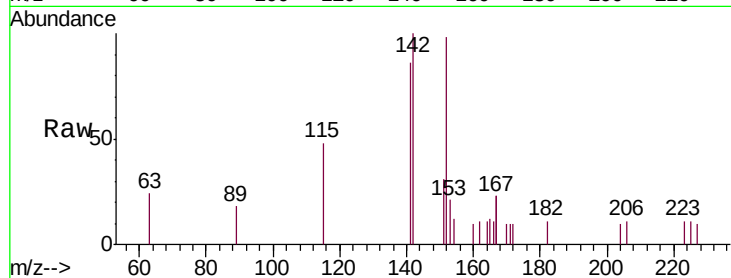
Tgt Ion:142 Resp: 1971

Ion Ratio Lower Upper

142 100

141 86.4 72.5 108.7

115 47.8 33.0 49.6

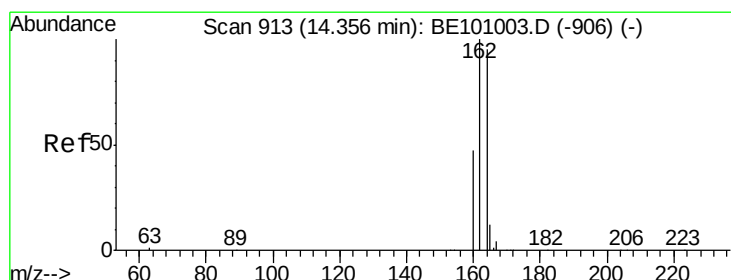
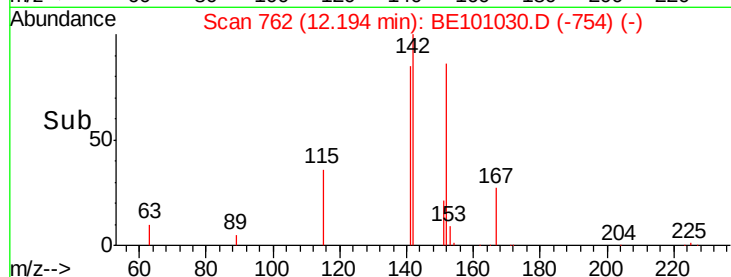


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 912

Delta R.T. -0.00 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

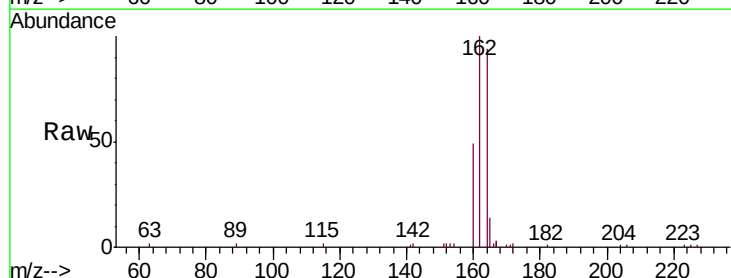
Tgt Ion:164 Resp: 8909

Ion Ratio Lower Upper

164 100

162 106.7 84.1 126.1

160 52.3 40.4 60.6

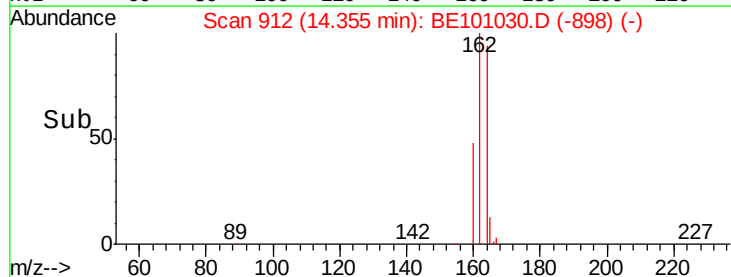


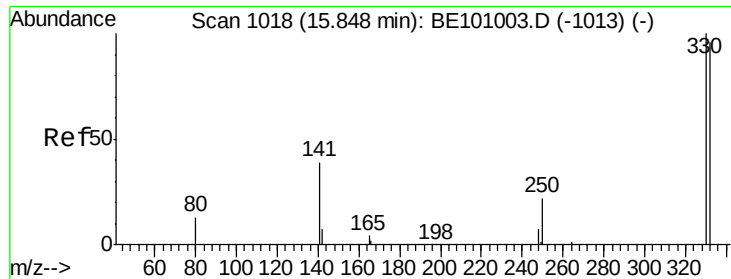
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

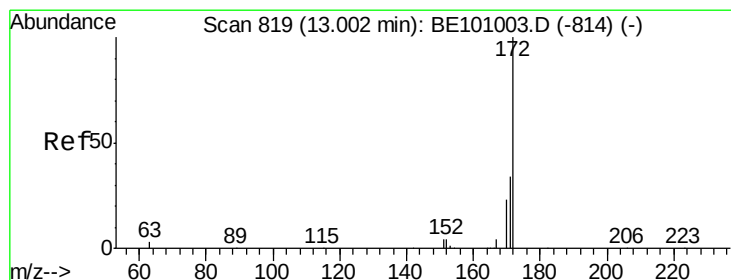
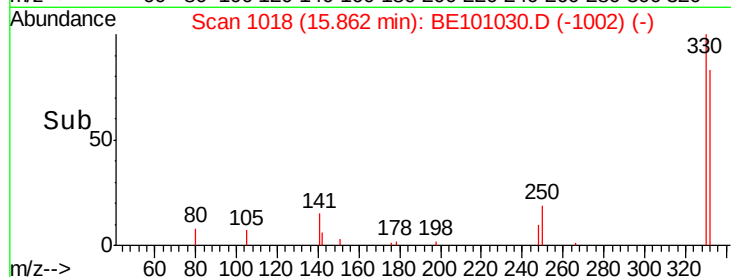
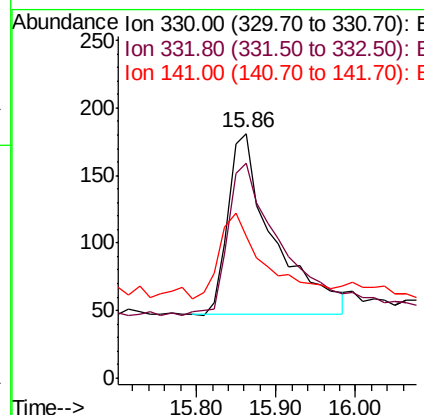
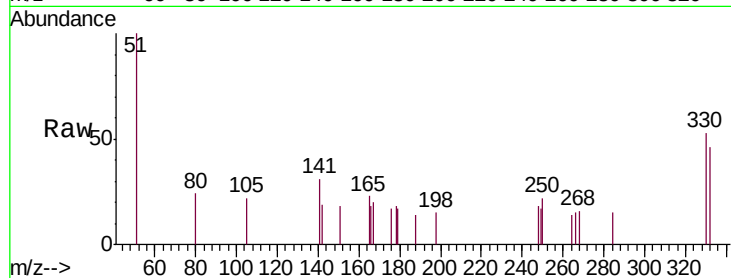




#14
 2,4,6-Tribromophenol
 Concen: 0.212 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BE101030.D
 Acq: 10 Jan 2020 19:26

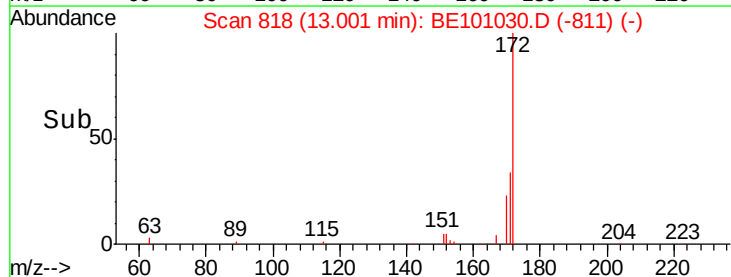
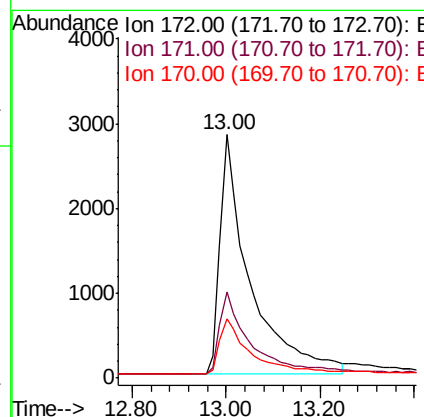
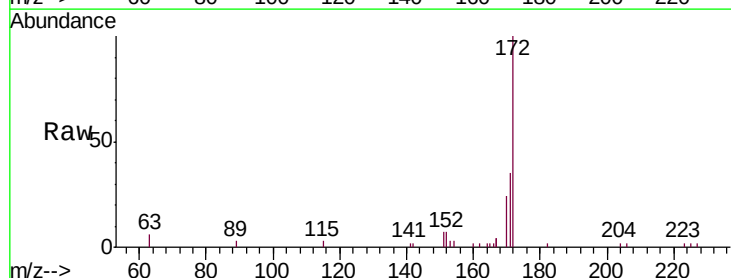
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT3-2019

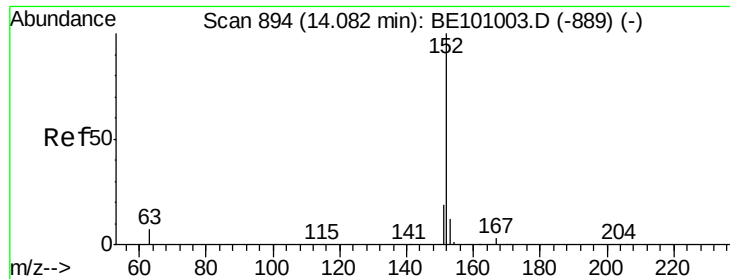
Tgt Ion: 330 Resp: 534
 Ion Ratio Lower Upper
 330 100
 332 98.5 78.4 117.6
 141 47.0 37.0 55.4



#15
 2-Fluorobiphenyl
 Concen: 0.368 ng
 RT: 13.00 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BE101030.D
 Acq: 10 Jan 2020 19:26

Tgt Ion: 172 Resp: 12461
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.2
 170 24.3 18.9 28.3

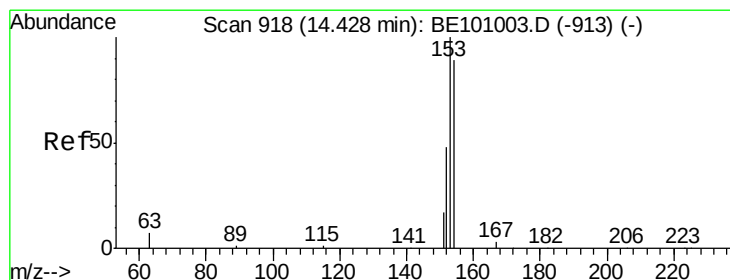
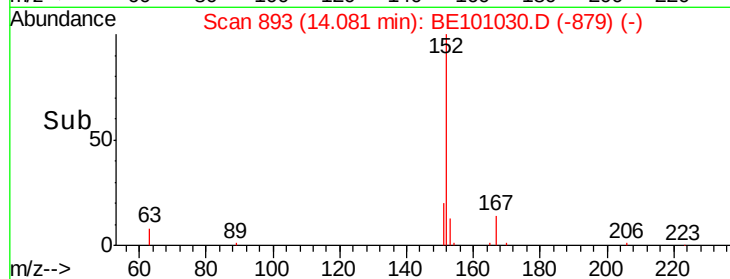
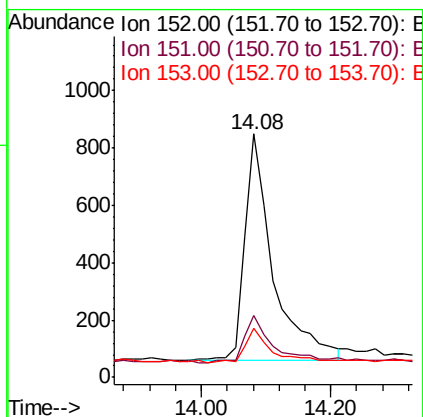
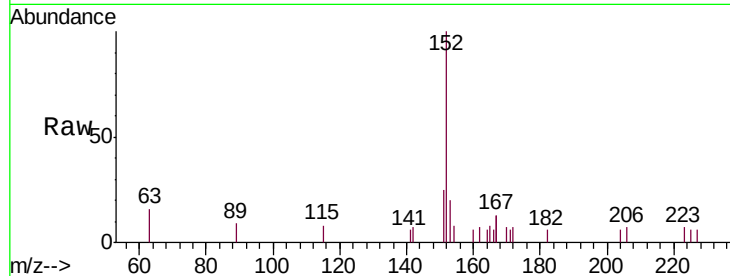




#16
Acenaphthylene
Concen: 0.066 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101030.D
Acq: 10 Jan 2020 19:26

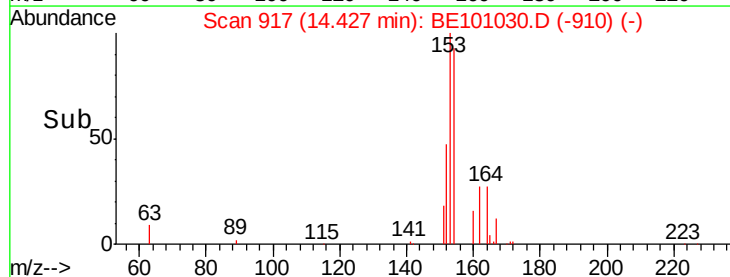
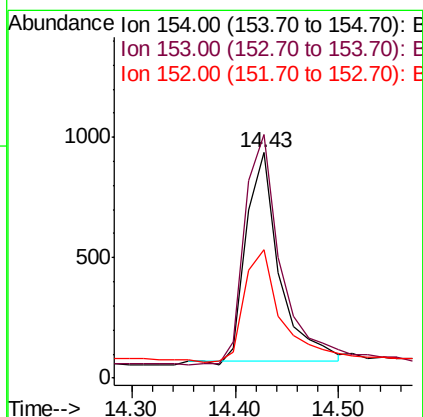
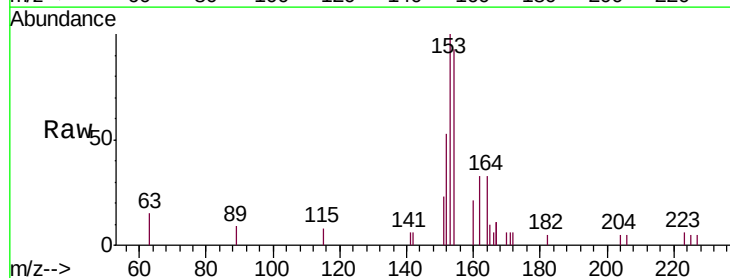
Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT3-2019

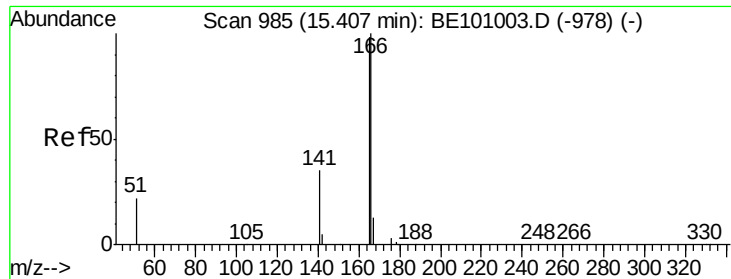
Tgt Ion:152 Resp: 2400
Ion Ratio Lower Upper
152 100
151 21.9 15.5 23.3
153 14.0 10.4 15.6



#17
Acenaphthene
Concen: 0.074 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101030.D
Acq: 10 Jan 2020 19:26

Tgt Ion:154 Resp: 1929
Ion Ratio Lower Upper
154 100
153 124.0 93.6 140.4
152 60.9 46.3 69.5

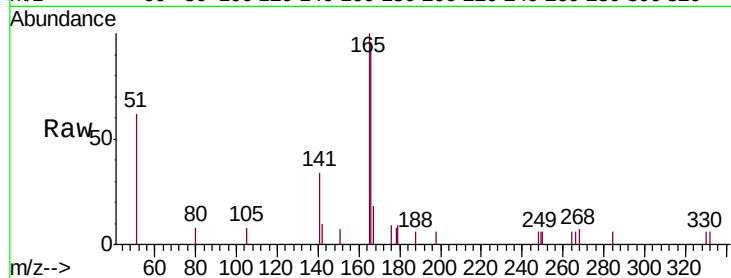




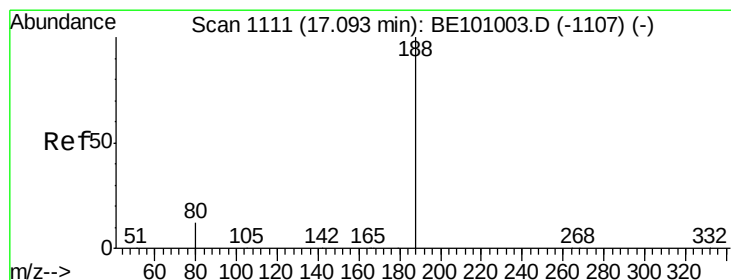
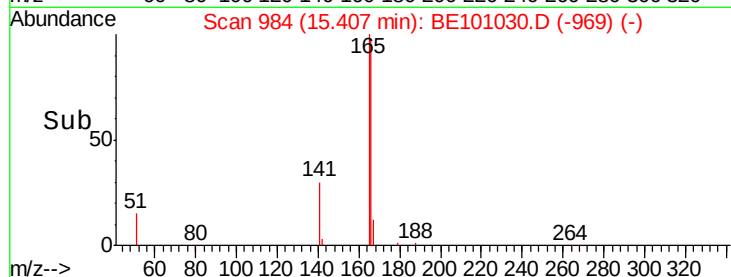
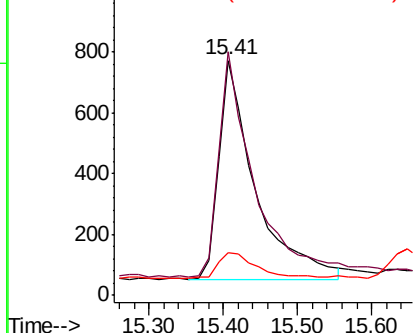
#18
 Fluorene
 Concen: 0.075 ng
 RT: 15.41 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BE101030.D
 Acq: 10 Jan 2020 19:26

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT3-2019

Tgt Ion:166 Resp: 2462
 Ion Ratio Lower Upper
 166 100
 165 100.7 79.8 119.8
 167 12.8 11.0 16.6

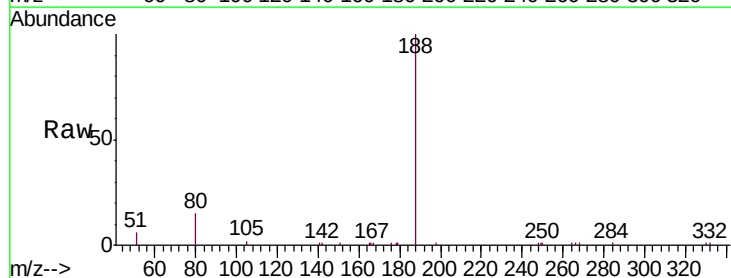


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

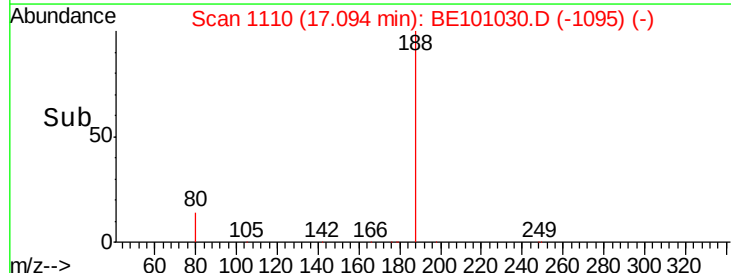
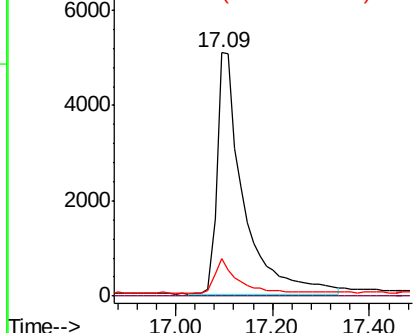


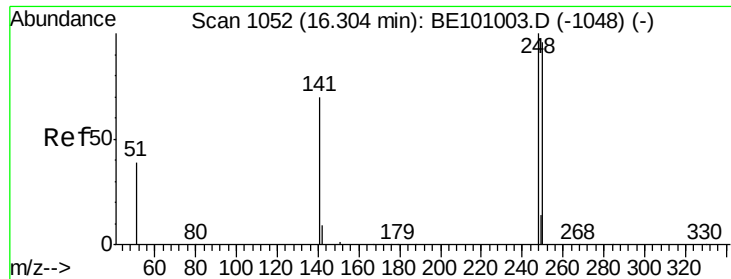
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.09 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BE101030.D
 Acq: 10 Jan 2020 19:26

Tgt Ion:188 Resp: 19084
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 15.4 10.8 16.2



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BE1
 Ion 80.00 (79.70 to 80.70): BE1

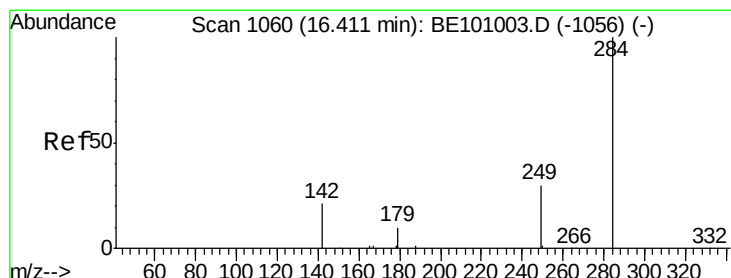
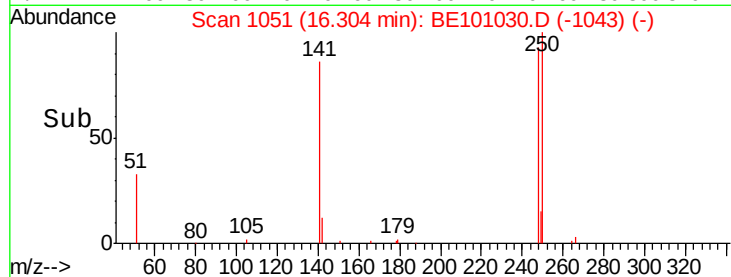
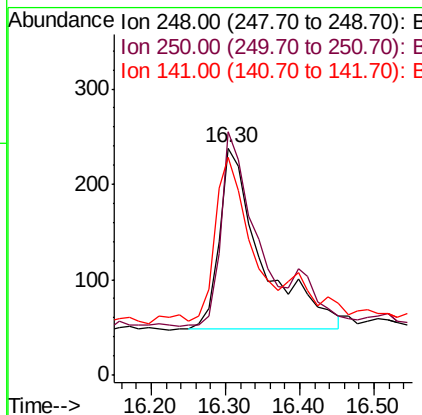
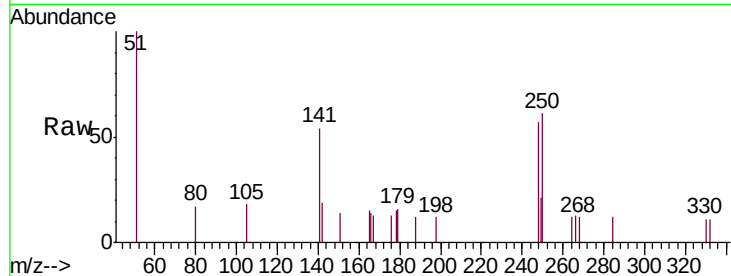




#20
4-Bromophenyl-phenylether
Concen: 0.082 ng
RT: 16.30 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE101030.D
Acq: 10 Jan 2020 19:26

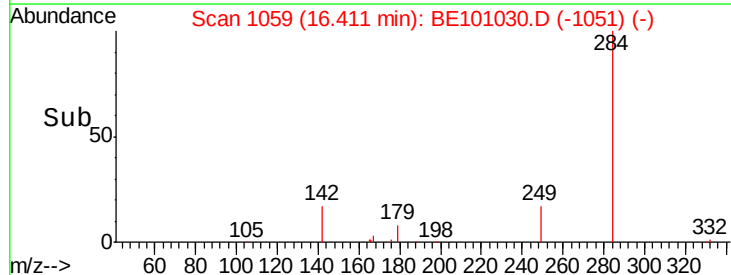
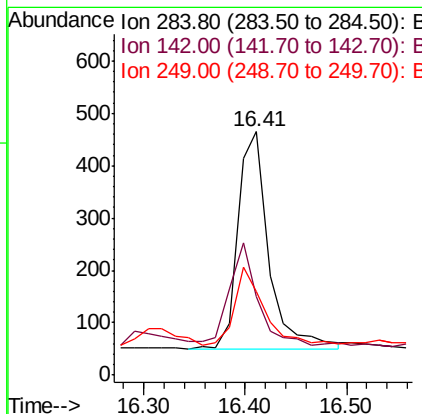
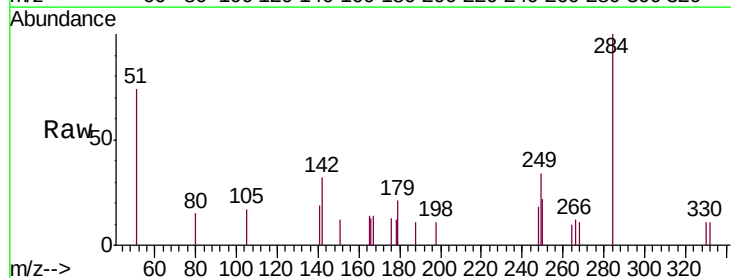
Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT3-2019

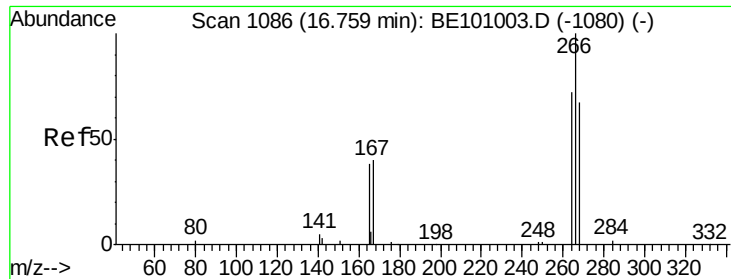
Tgt Ion:248 Resp: 765
Ion Ratio Lower Upper
248 100
250 107.1 76.6 115.0
141 95.8 57.7 86.5#



#21
Hexachlorobenzene
Concen: 0.086 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE101030.D
Acq: 10 Jan 2020 19:26

Tgt Ion:284 Resp: 879
Ion Ratio Lower Upper
284 100
142 44.7 34.0 51.0
249 33.8 28.2 42.4

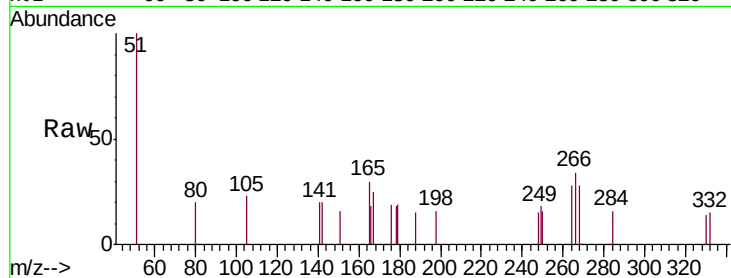




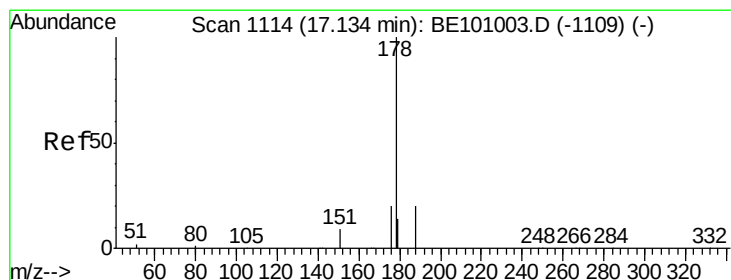
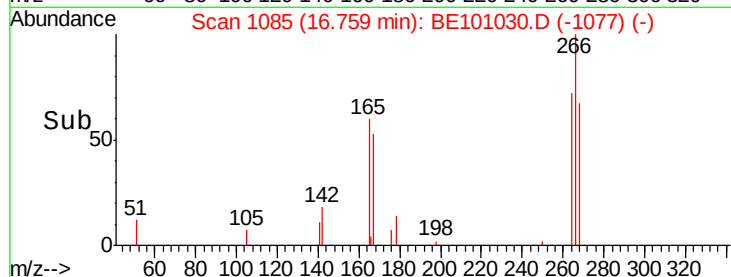
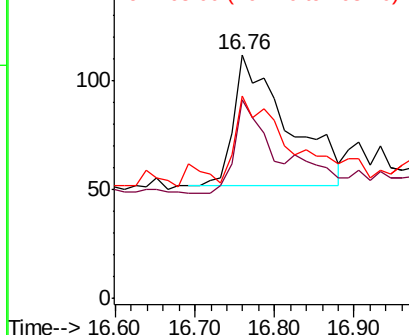
#22
 Pentachlorophenol
 Concen: 0.328 ng
 RT: 16.76 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BE101030.D
 Acq: 10 Jan 2020 19:26

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT3-2019

Tgt Ion: 266 Resp: 280
 Ion Ratio Lower Upper
 266 100
 264 81.3 61.0 91.4
 268 83.0 58.5 87.7

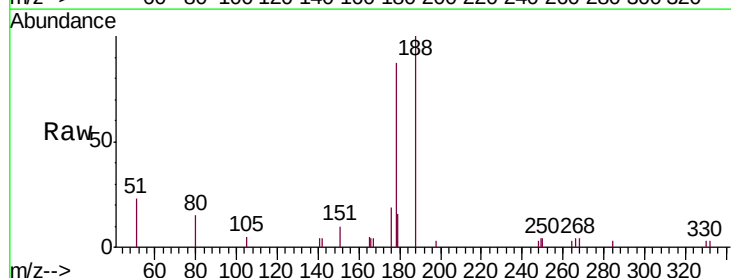


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

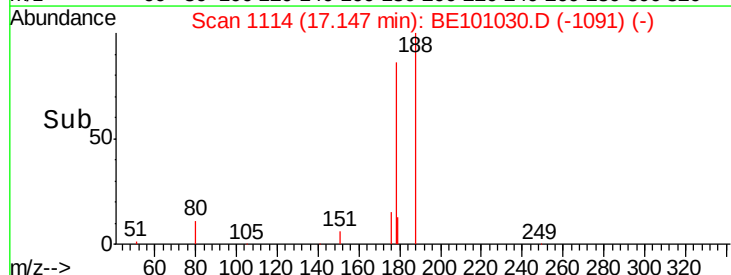
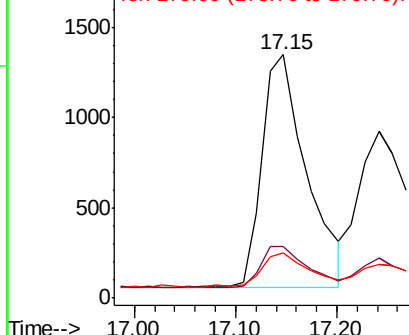


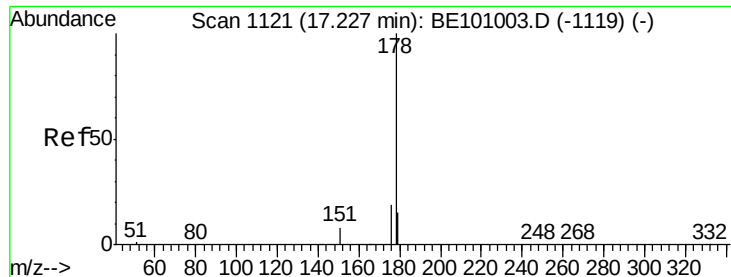
#23
 Phenanthrene
 Concen: 0.075 ng
 RT: 17.15 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BE101030.D
 Acq: 10 Jan 2020 19:26

Tgt Ion: 178 Resp: 3926
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.7 23.5
 179 16.0 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.080 ng

RT: 17.15 min Scan# 1114

Delta R.T. -0.08 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT3-2019

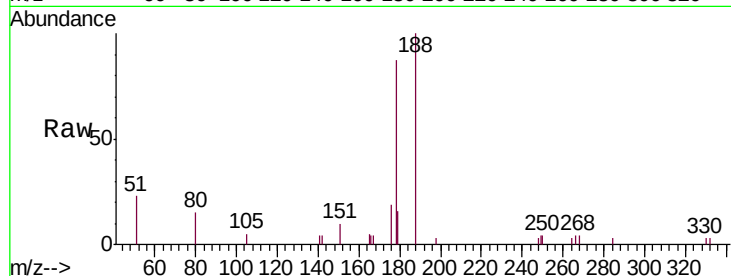
Tgt Ion:178 Resp: 3926

Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

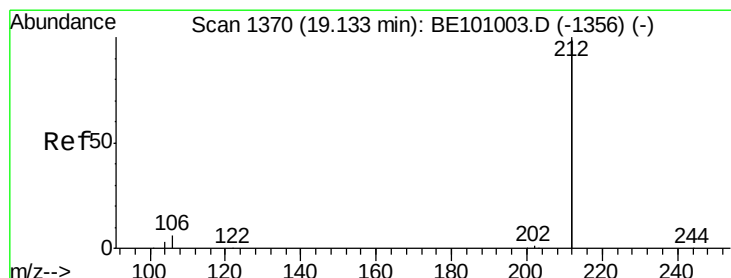
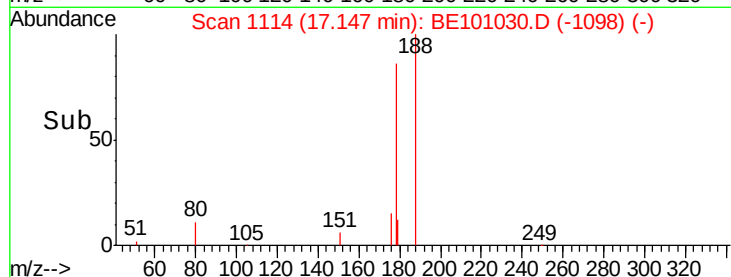
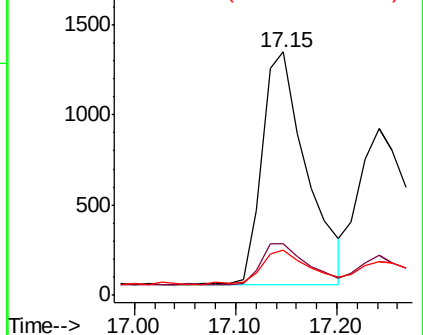
179 16.0 12.4 18.6



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: 0.278 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

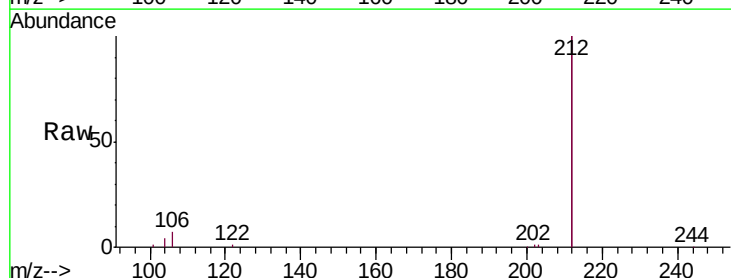
Tgt Ion:212 Resp: 73740

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

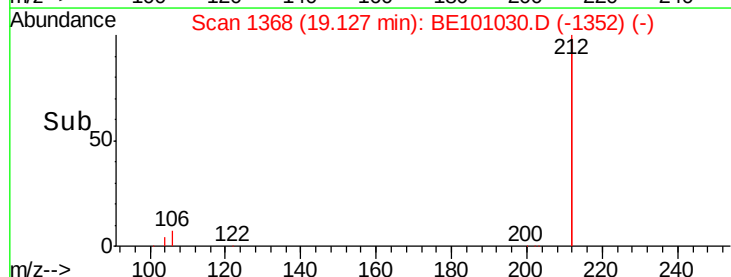
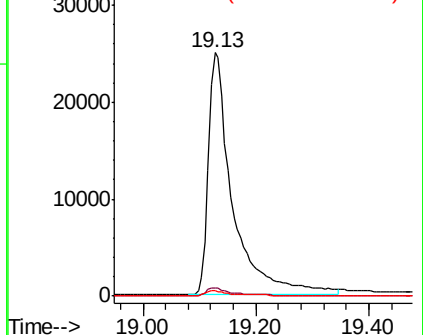
104 1.9 1.4 2.0

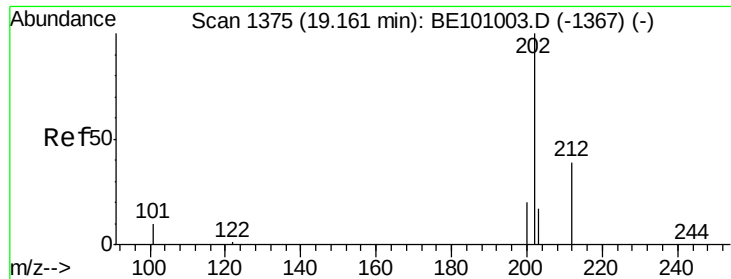


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

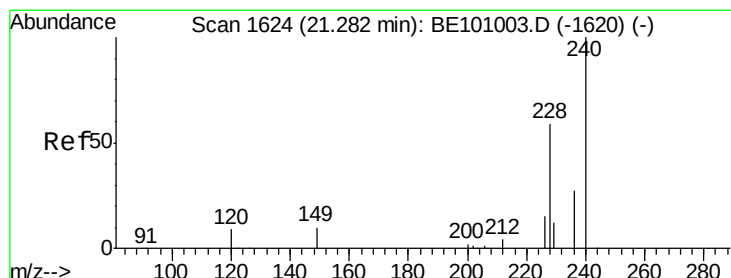
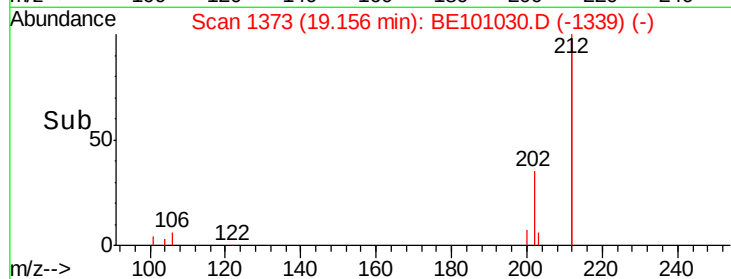
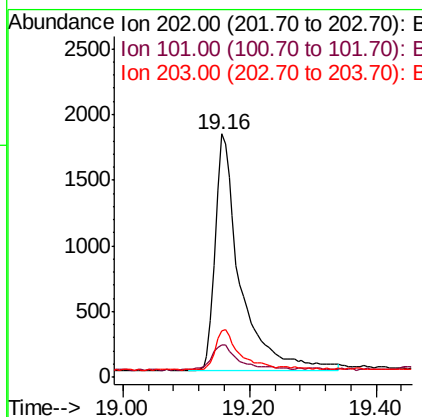
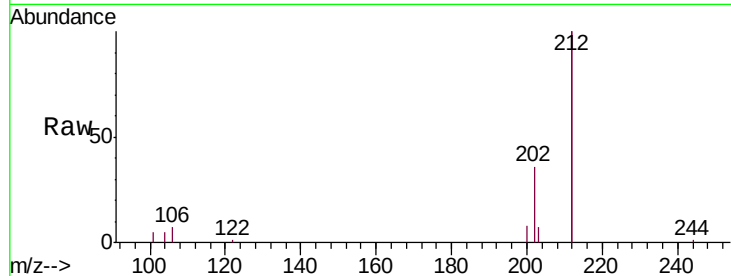




#26
Fluoranthene
Concen: 0.075 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE101030.D
Acq: 10 Jan 2020 19:26

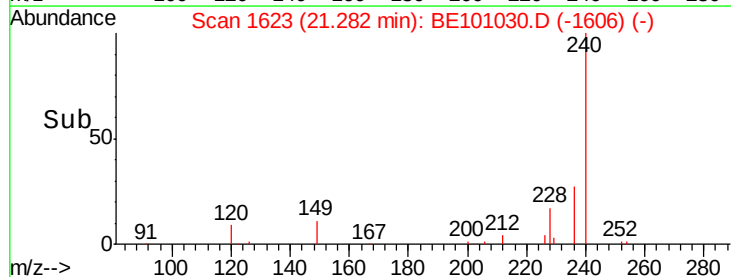
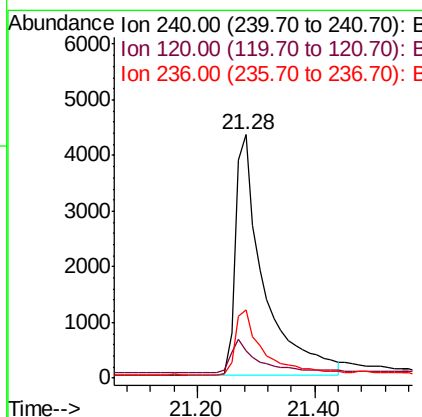
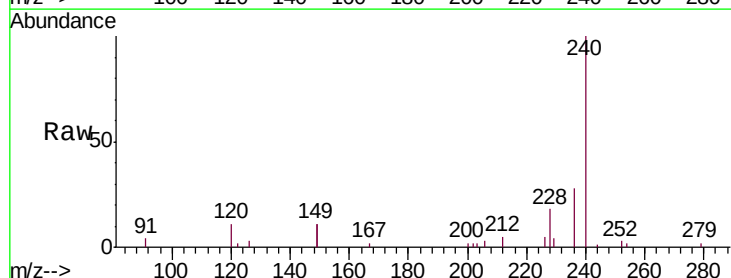
Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT3-2019

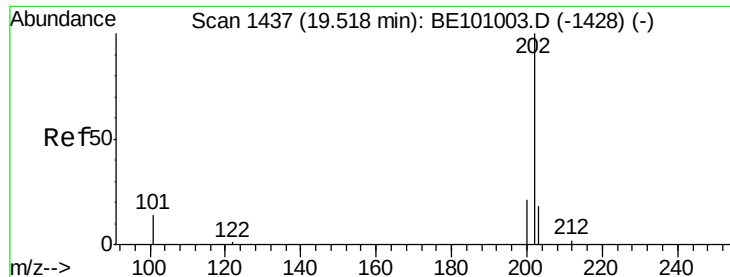
Tgt Ion:202 Resp: 4927
Ion Ratio Lower Upper
202 100
101 11.8 9.6 14.4
203 16.2 13.8 20.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE101030.D
Acq: 10 Jan 2020 19:26

Tgt Ion:240 Resp: 14482
Ion Ratio Lower Upper
240 100
120 11.4 8.6 13.0
236 28.0 22.2 33.4





#28

Pyrene

Concen: 0.093 ng

RT: 19.52 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT3-2019

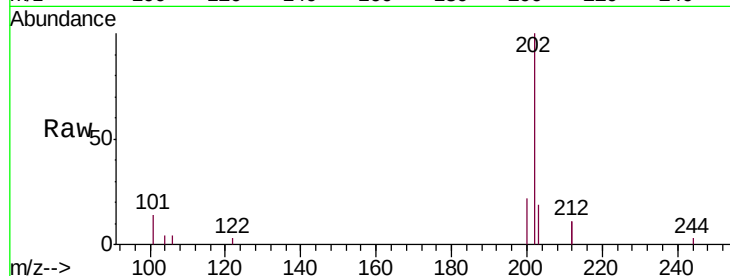
Tgt Ion: 202 Resp: 5019

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

203 16.7 13.8 20.6

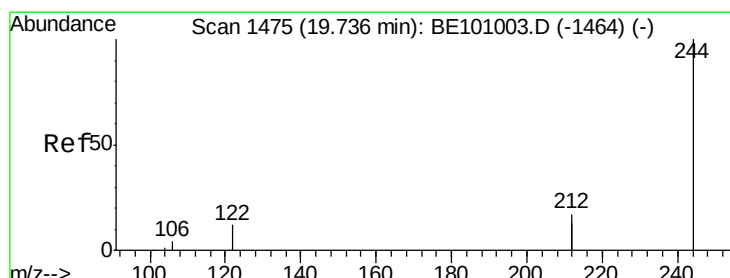
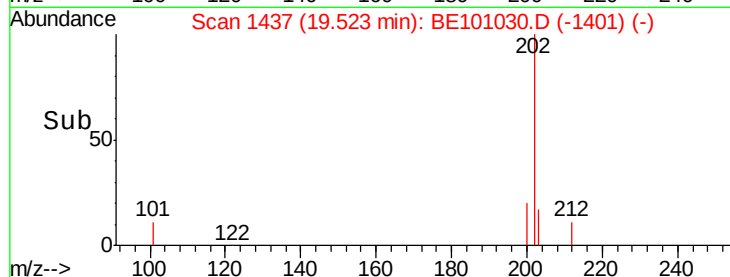
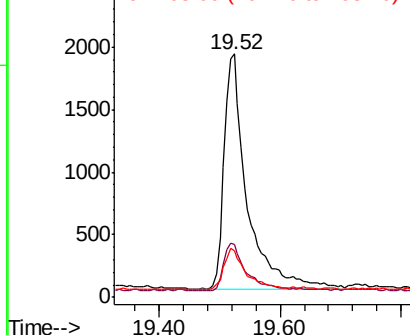


Abundance

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: 0.414 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

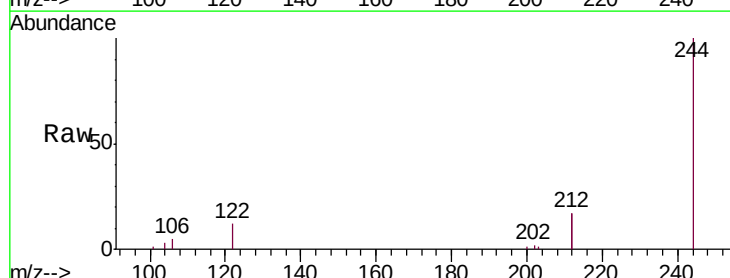
Tgt Ion: 244 Resp: 14708

Ion Ratio Lower Upper

244 100

212 34.4 27.2 40.8

122 12.1 9.8 14.8

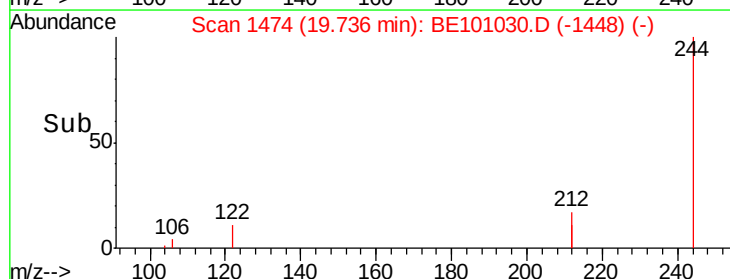
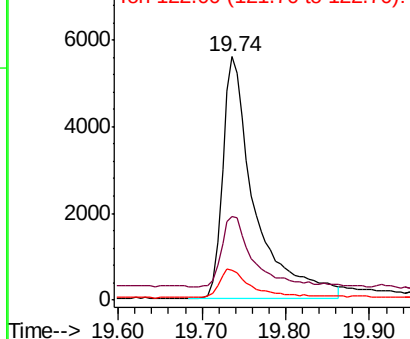


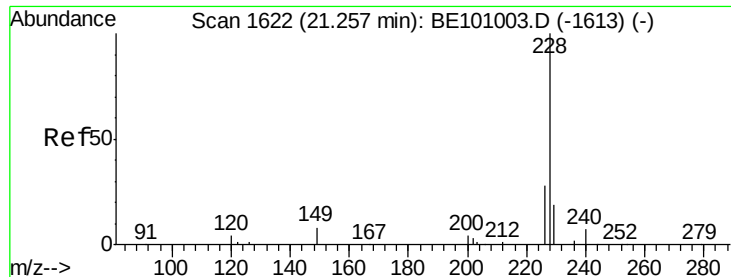
Abundance

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: 0.062 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT3-2019

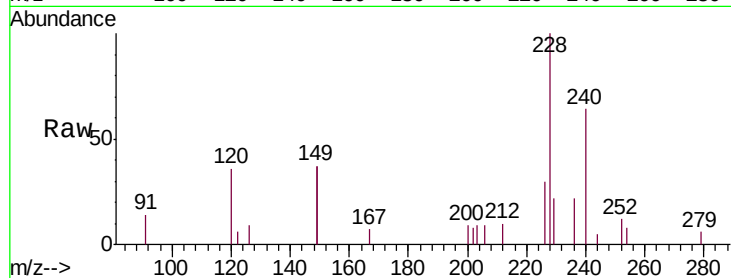
Tgt Ion:228 Resp: 2572

Ion Ratio Lower Upper

228 100

226 29.7 22.7 34.1

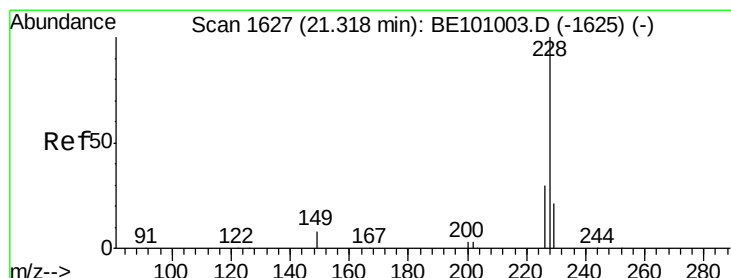
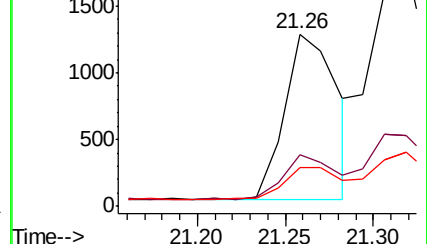
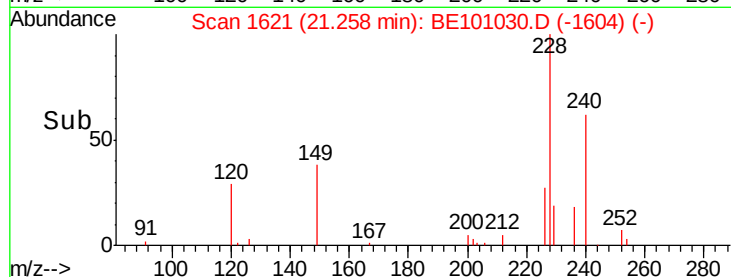
229 22.4 15.5 23.3



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: 0.100 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

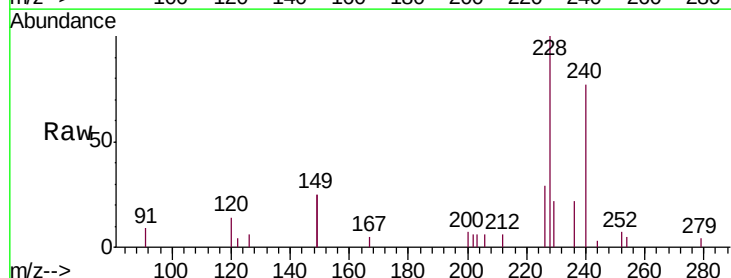
Tgt Ion:228 Resp: 6163

Ion Ratio Lower Upper

228 100

226 29.1 23.5 35.3

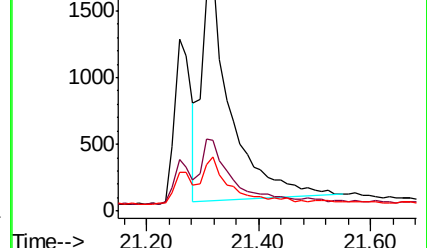
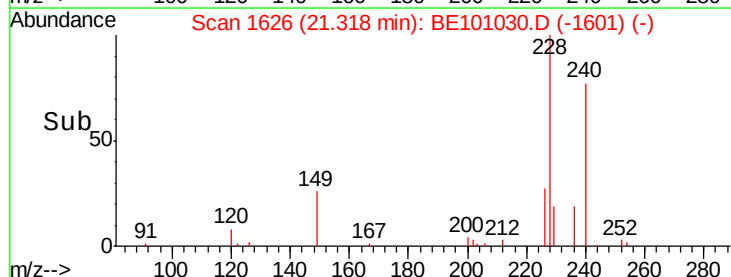
229 22.0 16.7 25.1

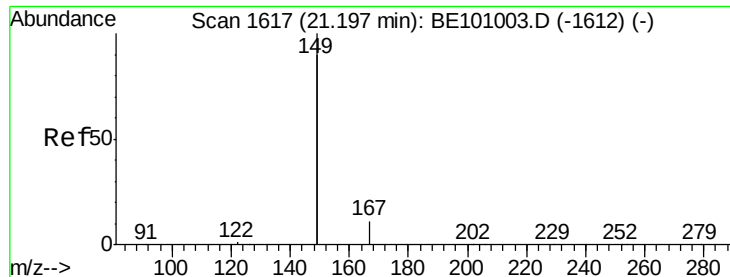


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.079 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT3-2019

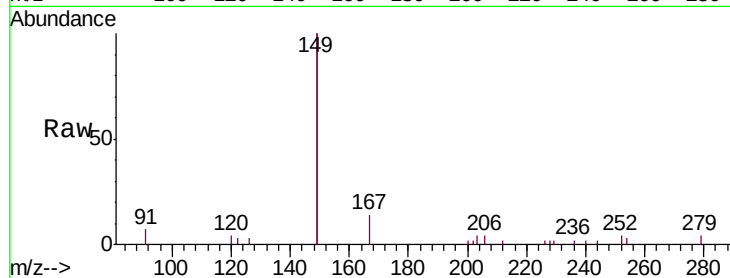
Tgt Ion:149 Resp: 5462

Ion Ratio Lower Upper

149 100

167 6.7 5.2 7.8

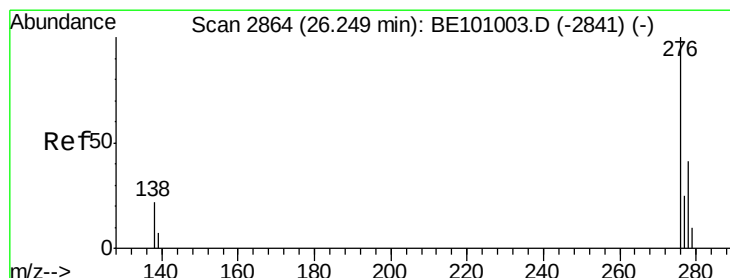
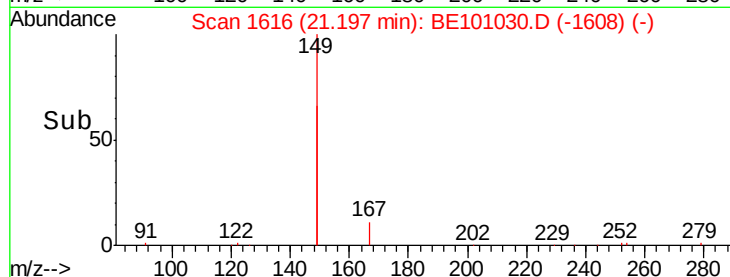
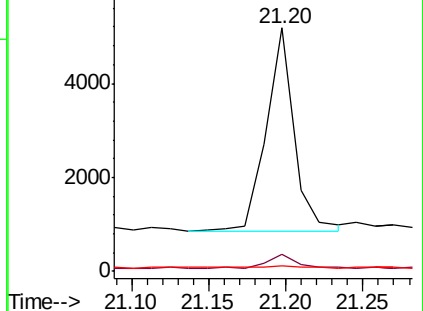
279 1.2 0.8 1.2



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: 0.081 ng

RT: 26.24 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

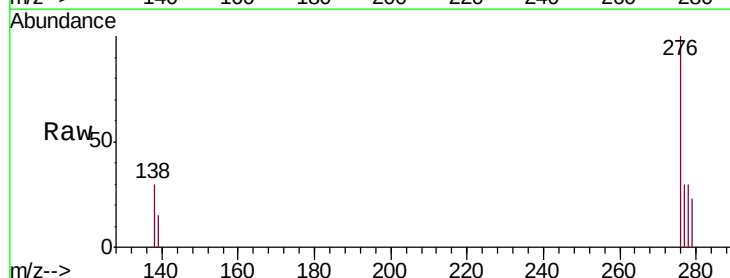
Tgt Ion:276 Resp: 3924

Ion Ratio Lower Upper

276 100

138 8.5 16.1 24.1#

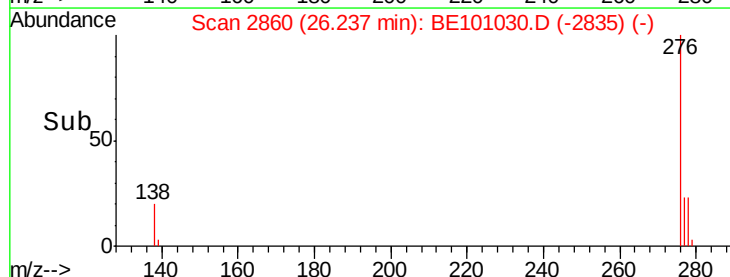
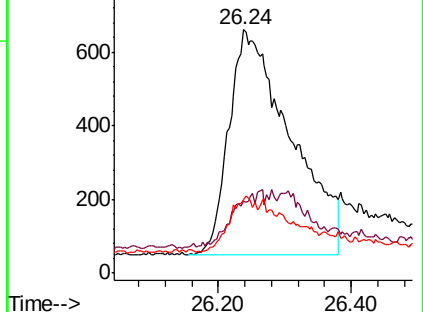
277 10.4 18.1 27.1#

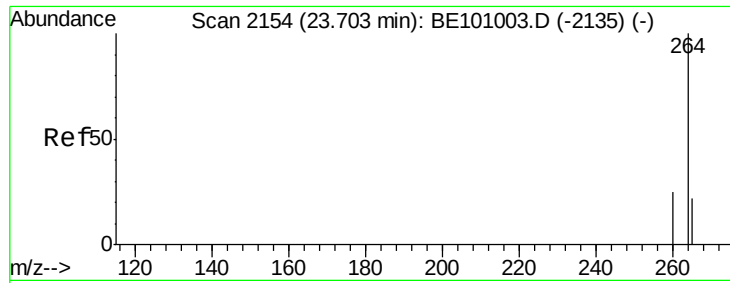


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

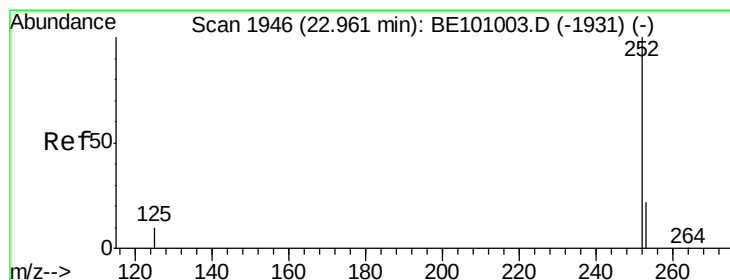
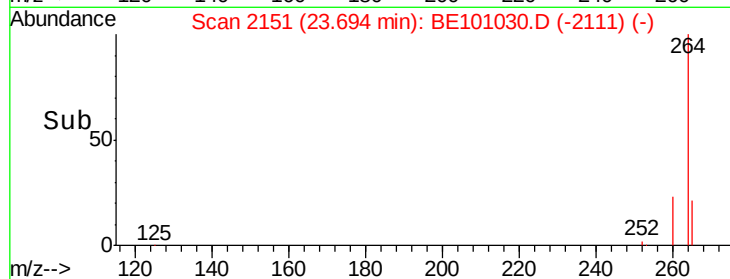
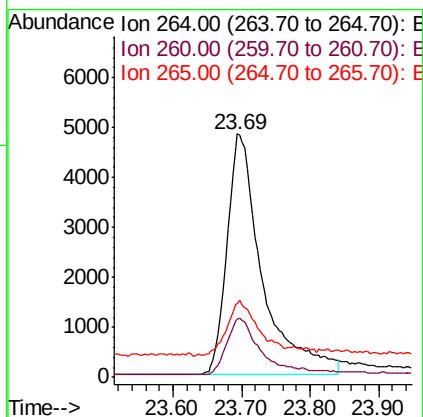
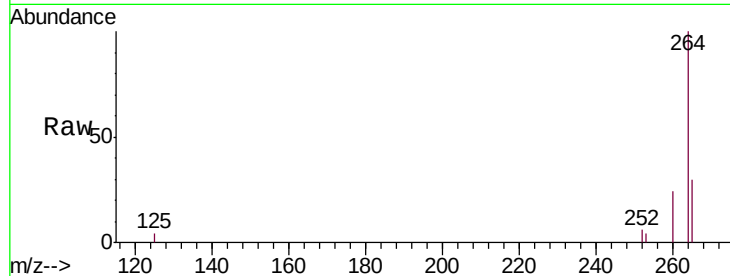




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.69 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BE101030.D
 Acq: 10 Jan 2020 19:26

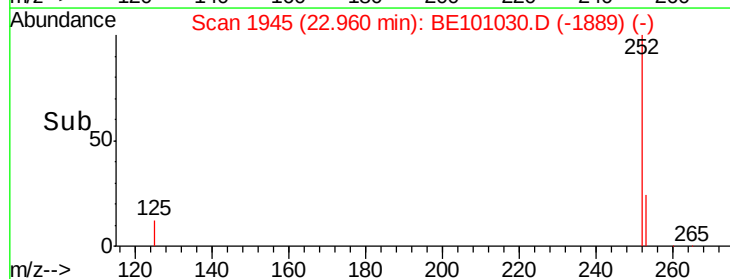
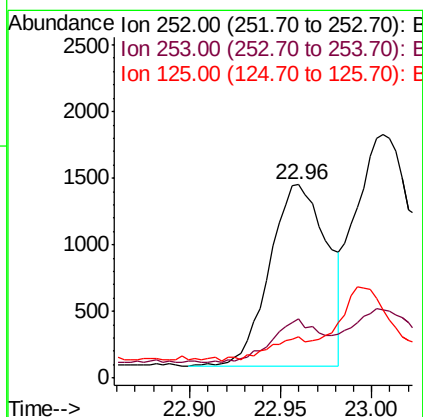
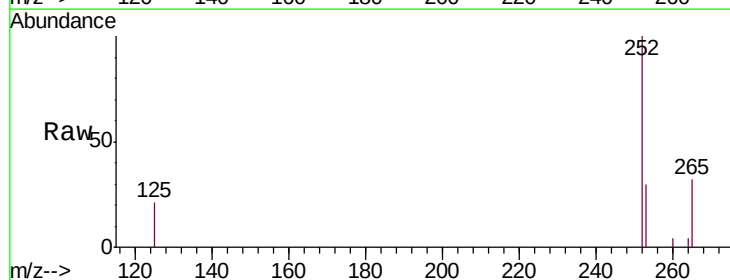
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT3-2019

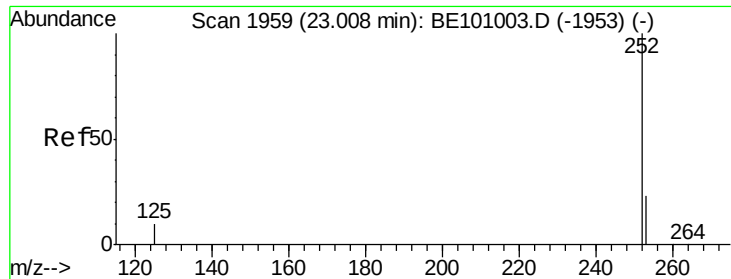
Tgt Ion: 264 Resp: 17292
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.3 30.5
 265 30.1 27.0 40.4



#35
 Benzo(b)fluoranthene
 Concen: 0.062 ng
 RT: 22.96 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: BE101030.D
 Acq: 10 Jan 2020 19:26

Tgt Ion: 252 Resp: 2984
 Ion Ratio Lower Upper
 252 100
 253 30.4 18.5 27.7#
 125 21.1 9.5 14.3#





#36

Benzo(k)fluoranthene

Concen: 0.070 ng

RT: 23.01 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT3-2019

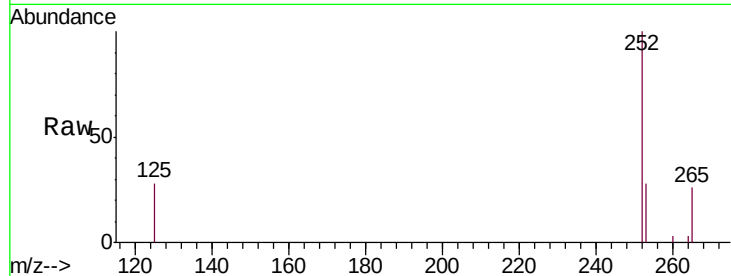
Tgt Ion:252 Resp: 4892

Ion Ratio Lower Upper

252 100

253 28.0 18.9 28.3

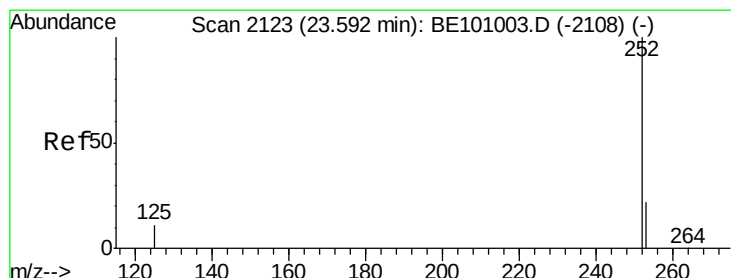
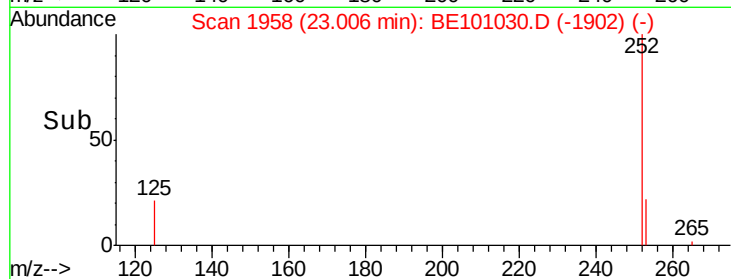
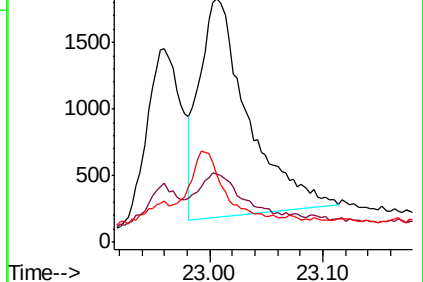
125 28.1 10.1 15.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.076 ng

RT: 23.59 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

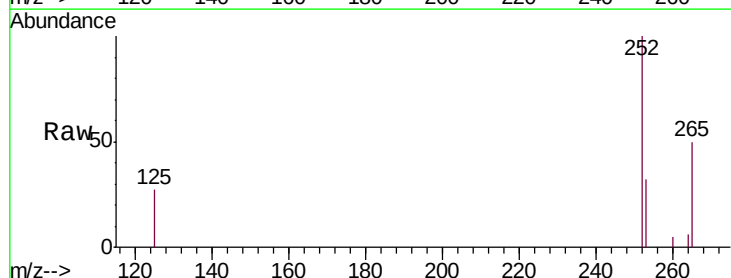
Tgt Ion:252 Resp: 3567

Ion Ratio Lower Upper

252 100

253 32.1 19.4 29.2#

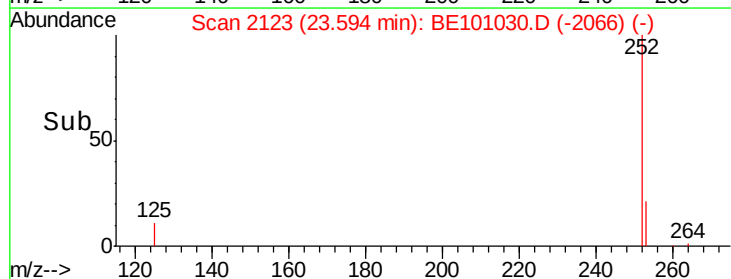
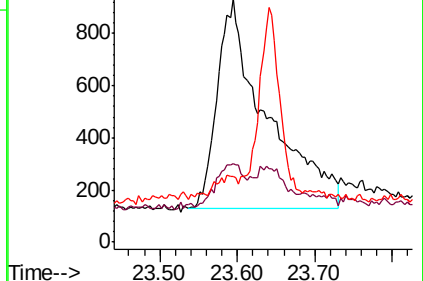
125 26.8 11.8 17.6#

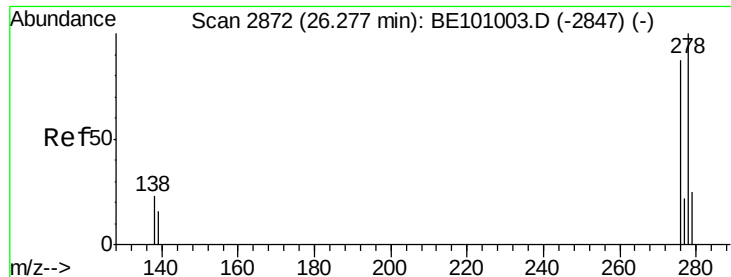


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.051 ng

RT: 26.27 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT3-2019

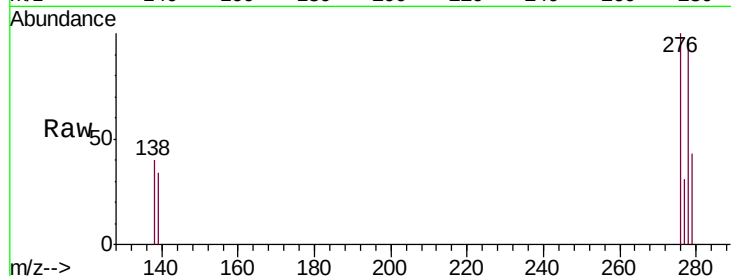
Tgt Ion: 278 Resp: 2218

Ion Ratio Lower Upper

278 100

139 35.1 15.0 22.4#

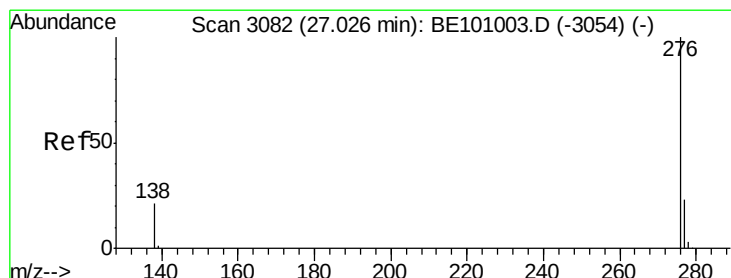
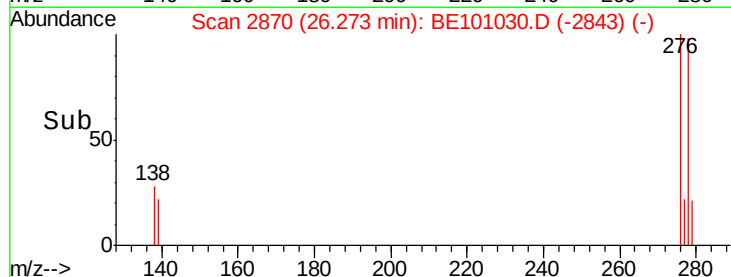
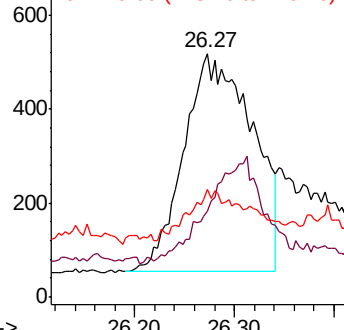
279 44.4 22.6 33.8#



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: 0.076 ng

RT: 27.01 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BE101030.D

Acq: 10 Jan 2020 19:26

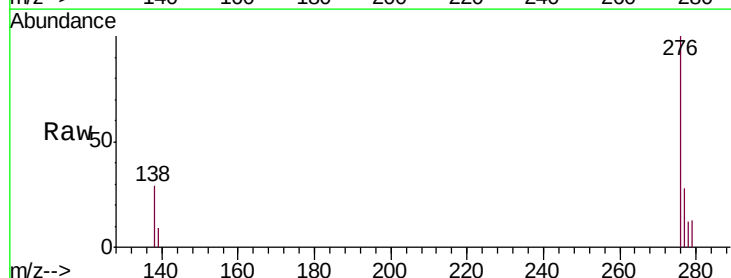
Tgt Ion: 276 Resp: 4057

Ion Ratio Lower Upper

276 100

277 28.3 19.4 29.2

138 29.5 17.9 26.9#



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

