

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051520\
 Data File : BN010728.D
 Acq On : 15 May 2020 13:11
 Operator : CG/JU
 Sample : L2447-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-BNA-SOIL

Quant Time: May 15 13:44:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 10:34:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	8300	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	17222	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	10588	0.40	ng	0.00
19) Phenanthrene-d10	16.94	188	24286	0.40	ng	0.00
27) Chrysene-d12	21.16	240	21371	0.40	ng	0.00
34) Perylene-d12	23.32	264	22270	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	1150124	70.78	ng	0.00
5) Phenol-d6	6.77	99	1581577	79.68	ng	0.00
8) Nitrobenzene-d5	8.71	82	1123245	93.93	ng	0.00
11) 2-Methylnaphthalene-d10	11.92	152	11	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.70	330	779197	202.95	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	3134875	80.70	ng	0.00
25) Fluoranthene-d10	18.99	212	36	0.00	ng	0.00
29) Terphenyl-d14	19.60	244	4167137	82.19	ng	0.00

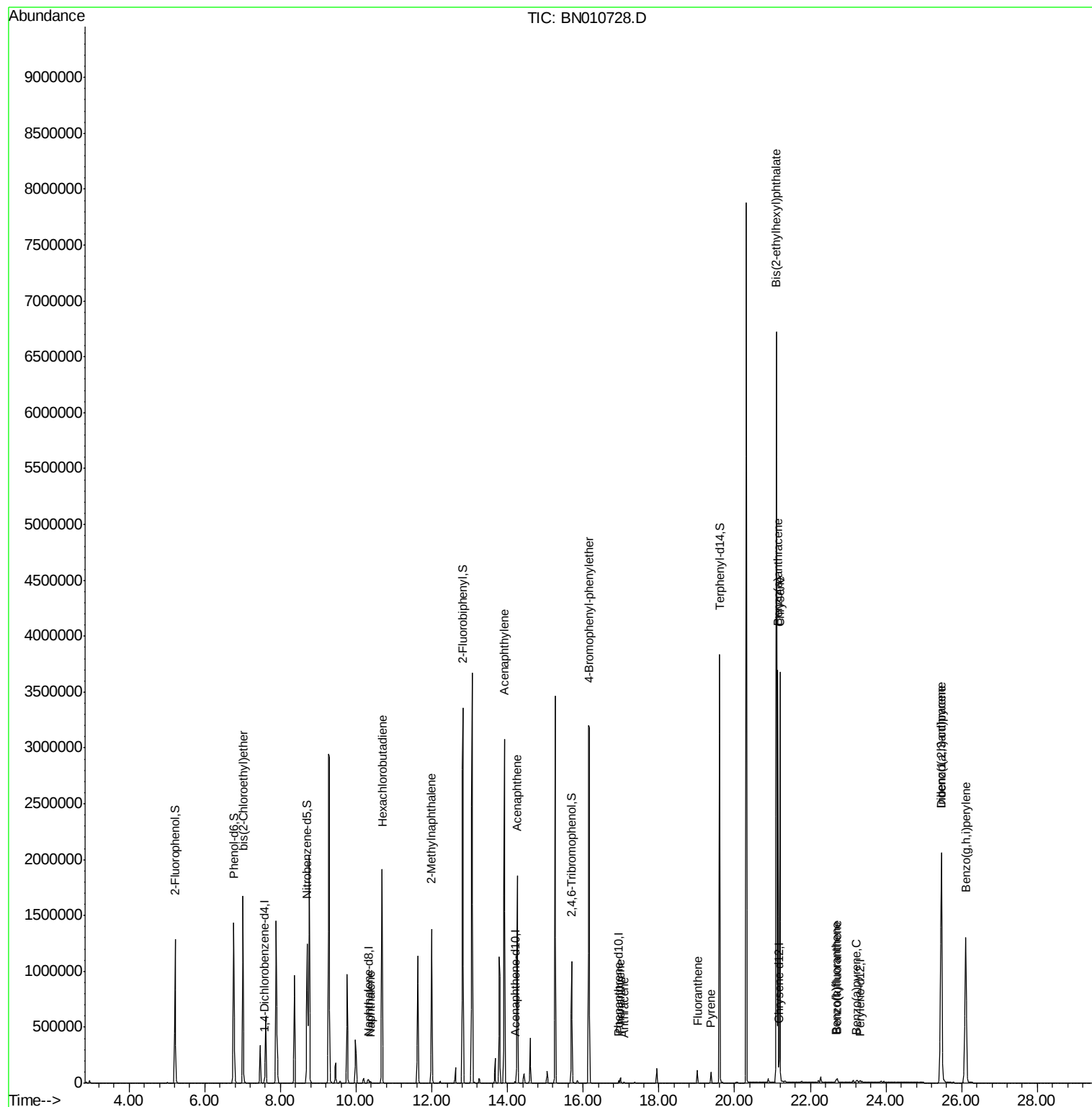
Target Compounds					Qvalue	
6) bis(2-Chloroethyl)ether	7.01	93	1258235	61.53	ng	95
9) Naphthalene	10.38	128	15419	0.36	ng	99
10) Hexachlorobutadiene	10.68	225	1814740	183.16	ng	# 98
12) 2-Methylnaphthalene	11.99	142	978635	32.05	ng	98
16) Acenaphthylene	13.91	152	3267977	75.56	ng	99
17) Acenaphthene	14.26	154	908446	31.09	ng	96
20) 4-Bromophenyl-phenylether	16.16	248	1784162	133.01	ng	# 84
23) Phenanthrene	16.99	178	46306	0.71	ng	100
24) Anthracene	17.07	178	4551	0.08	ng	# 96
26) Fluoranthene	19.01	202	99357	1.34	ng	98
28) Pyrene	19.38	202	89781	1.17	ng	# 95
30) Benzo(a)anthracene	21.14	228	2926971	46.96	ng	99
31) Chrysene	21.20	228	2884855	40.88	ng	100
32) Bis(2-ethylhexyl)phthalate	21.10	149	6940321	254.22	ng	94
33) Indeno(1,2,3-cd)pyrene	25.46	276	4047560	64.48	ng	99
35) Benzo(b)fluoranthene	22.68	252	45835	0.62	ng	97
36) Benzo(k)fluoranthene	22.72	252	18268m	0.23	ng	
37) Benzo(a)pyrene	23.22	252	29493	0.46	ng	92
38) Dibenzo(a,h)anthracene	25.46	278	116463	2.14	ng	# 68
39) Benzo(g,h,i)perylene	26.11	276	2747030	43.02	ng	97

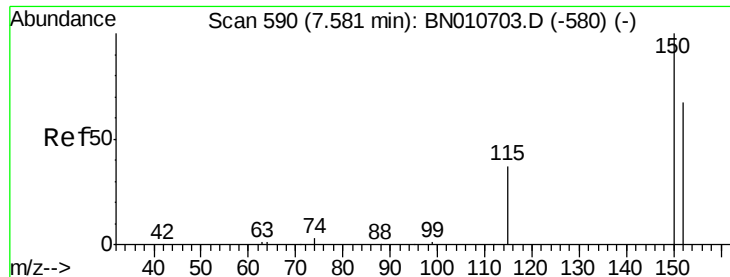
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.57 min Scan# 589

Delta R.T. 0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

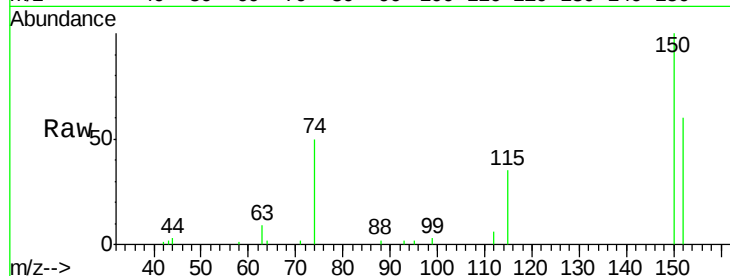
Tgt Ion:152 Resp: 8300

Ion Ratio Lower Upper

152 100

150 167.7 119.4 179.0

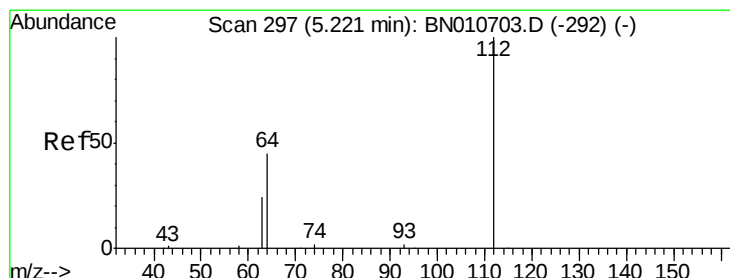
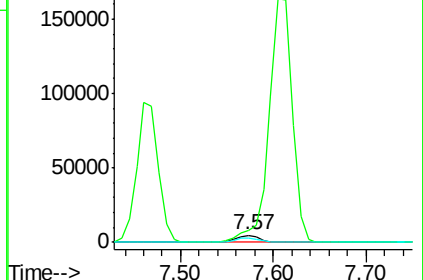
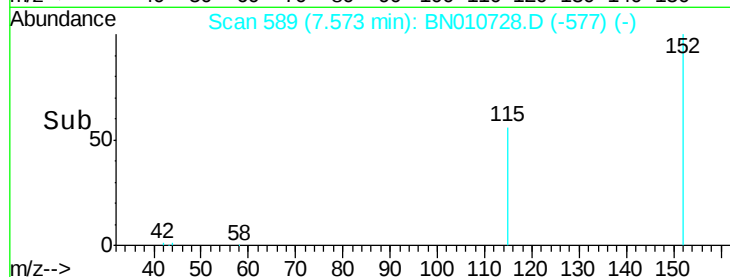
115 58.4 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 70.78 ng

RT: 5.21 min Scan# 296

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

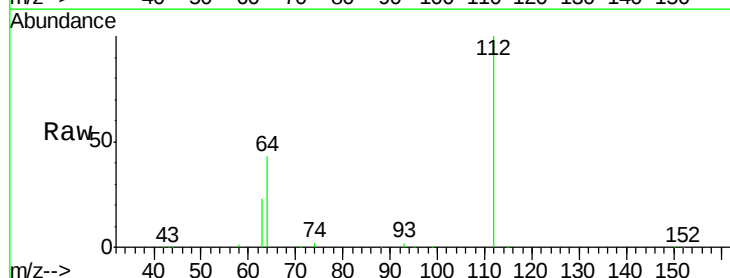
Tgt Ion:112 Resp: 1150124

Ion Ratio Lower Upper

112 100

64 45.8 36.2 54.4

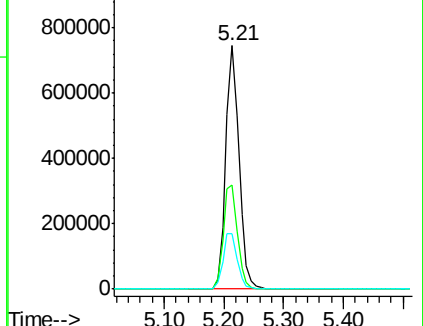
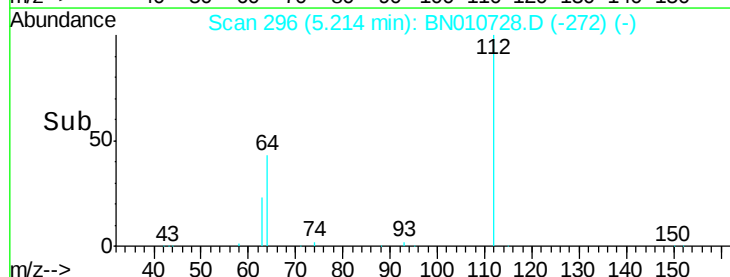
63 24.6 19.8 29.8

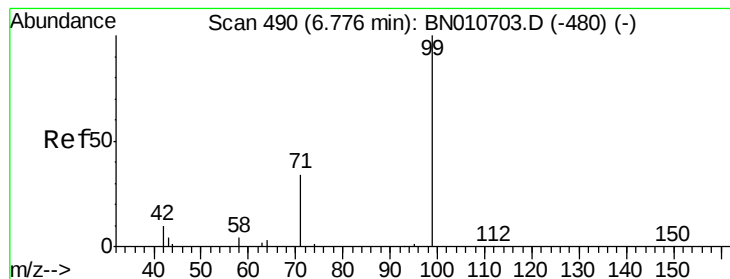


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 79.68 ng

RT: 6.77 min Scan# 489

Delta R.T. 0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

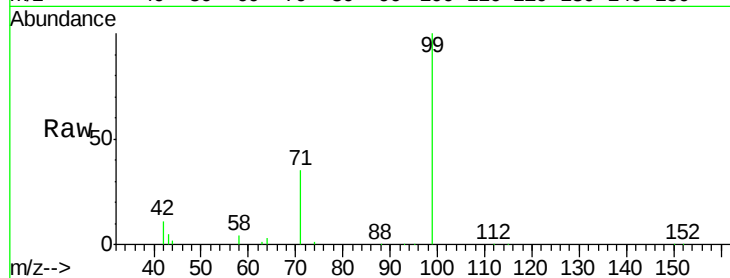
Tgt Ion: 99 Resp: 1581577

Ion Ratio Lower Upper

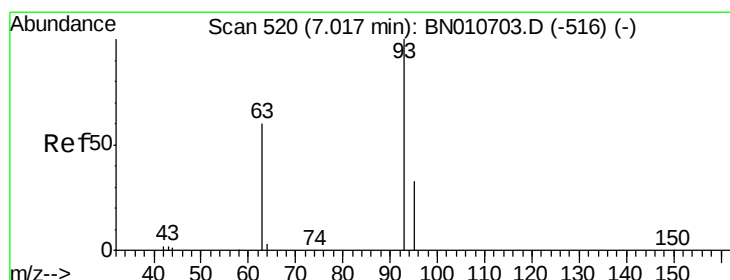
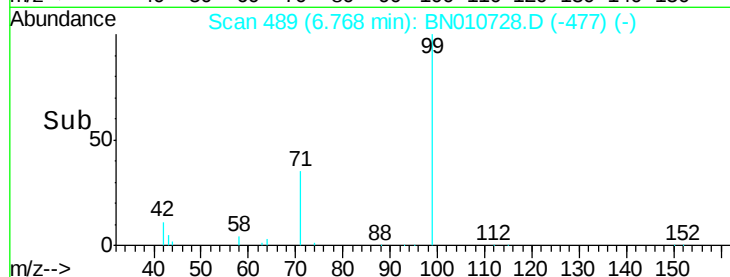
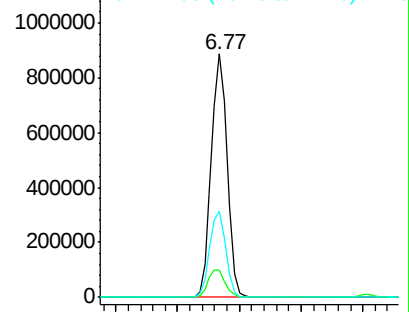
99 100

42 12.4 9.8 14.8

71 35.8 28.6 42.8



Abundance Ion 99.00 (98.70 to 99.70): BN010728.D (-477) (-)



#6

bis(2-Chloroethyl)ether

Concen: 61.53 ng

RT: 7.01 min Scan# 519

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

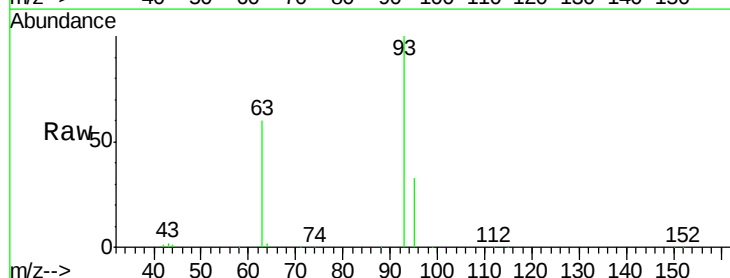
Tgt Ion: 93 Resp: 1258235

Ion Ratio Lower Upper

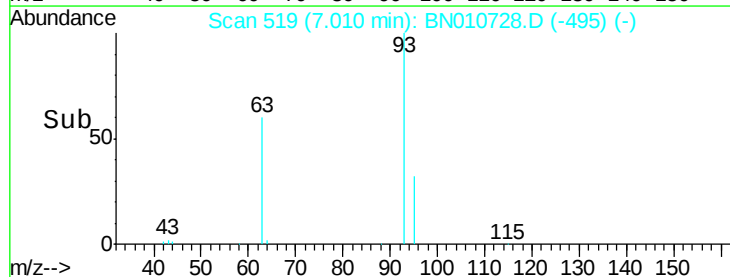
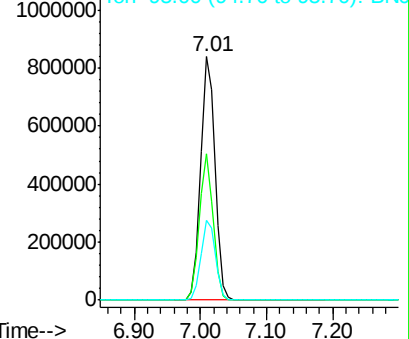
93 100

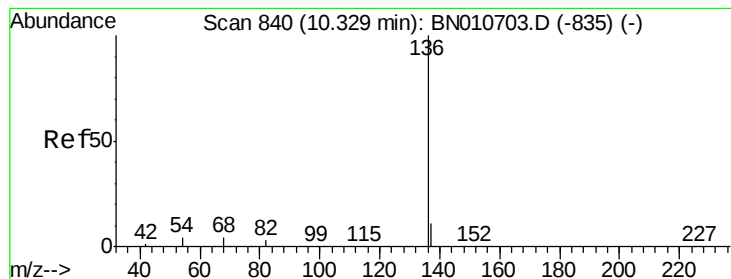
63 58.1 43.1 64.7

95 33.0 24.6 37.0



Abundance Ion 93.00 (92.70 to 93.70): BN010728.D (-495) (-)





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

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PT-BNA-SOIL

Tgt Ion:136 Resp: 17222

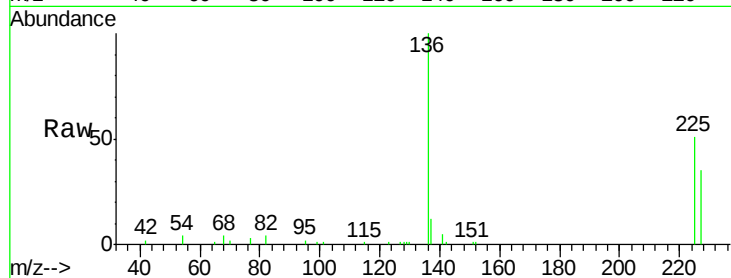
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 3.6 3.6 5.4#

68 4.4 4.1 6.1

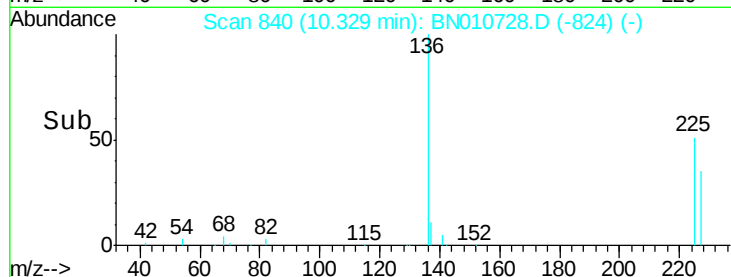


Abundance Ion 136.00 (135.70 to 136.70): E

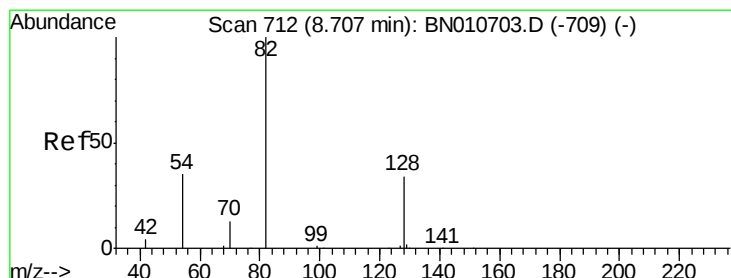
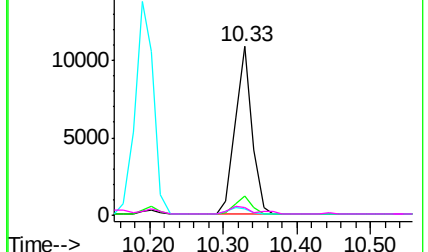
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 93.93 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

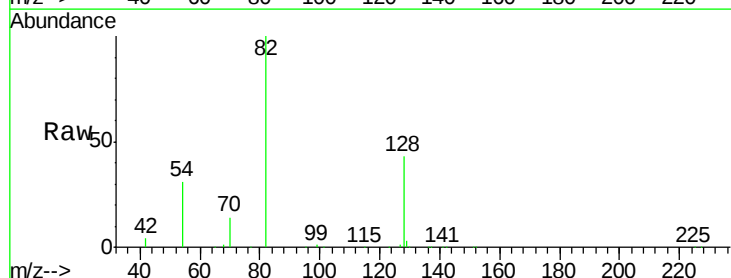
Tgt Ion: 82 Resp: 1123245

Ion Ratio Lower Upper

82 100

128 43.2 29.0 43.4

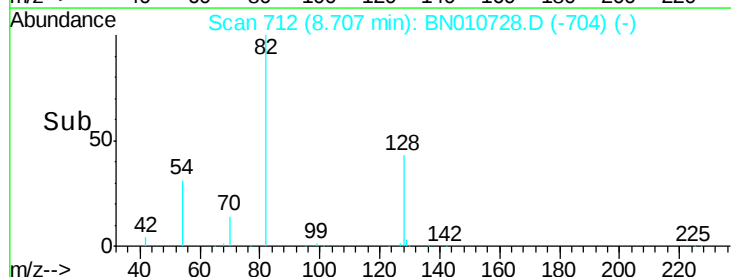
54 31.0 29.3 43.9



Abundance Ion 82.00 (81.70 to 82.70): BNC

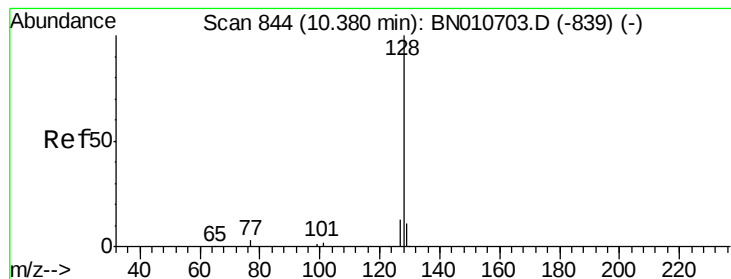
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->





#9

Naphthalene

Concen: 0.36 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

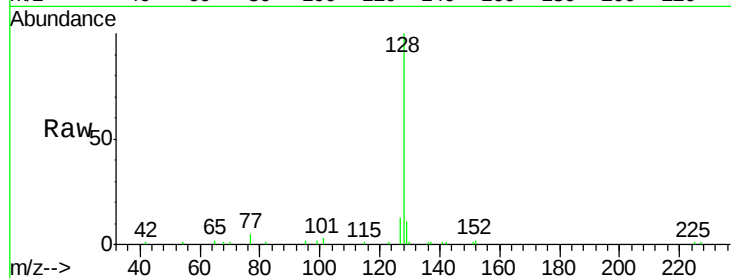
Tgt Ion:128 Resp: 15419

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

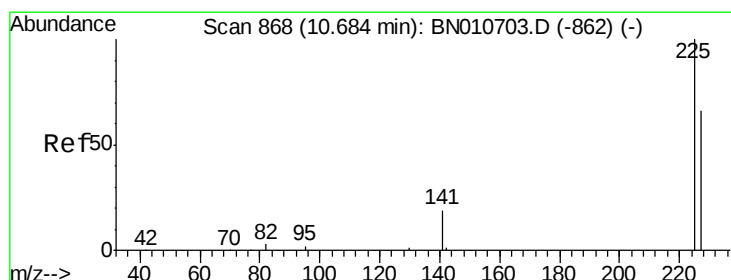
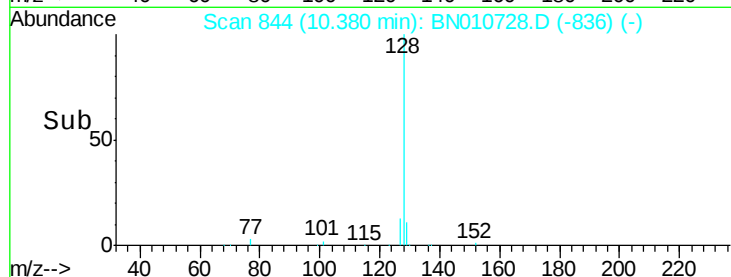
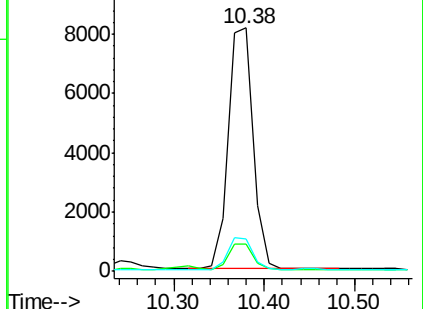
127 13.3 11.0 16.6



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



#10

Hexachlorobutadiene

Concen: 183.16 ng

RT: 10.68 min Scan# 868

Delta R.T. 0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

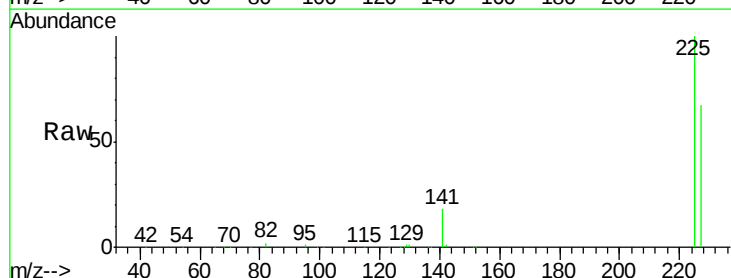
Tgt Ion:225 Resp: 1814740

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

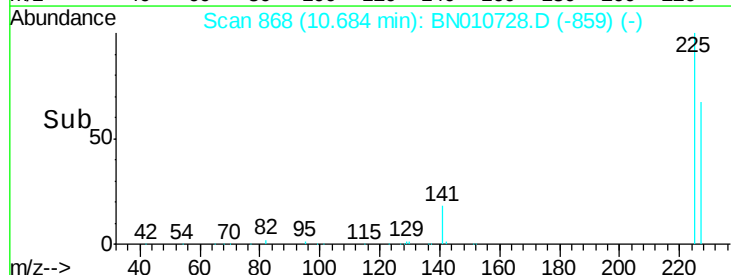
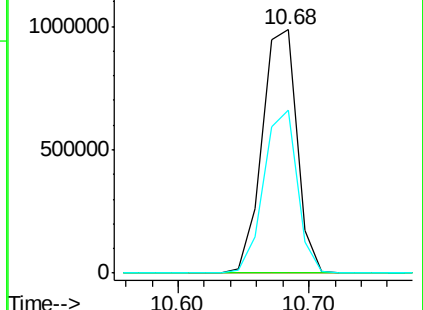
227 64.6 50.7 76.1

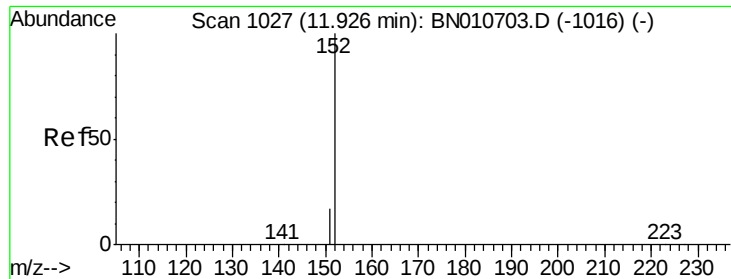


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.00 ng

RT: 11.92 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

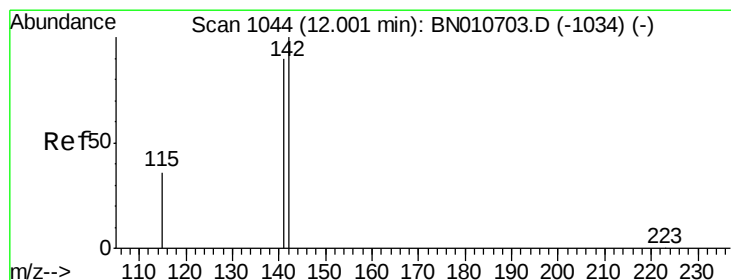
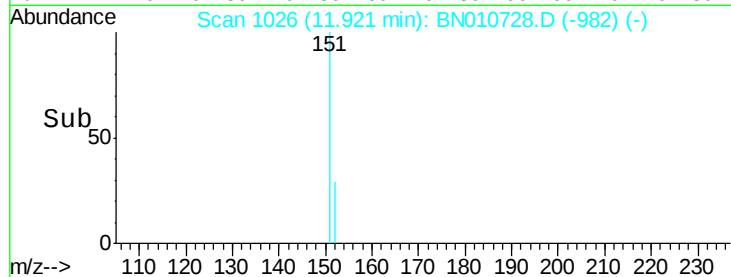
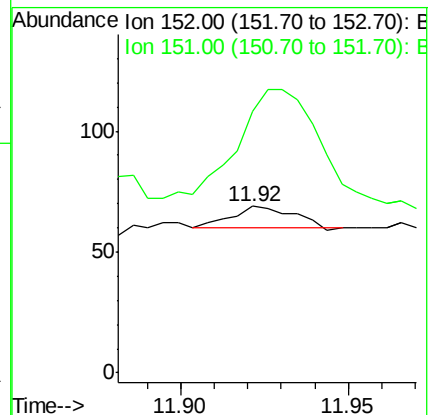
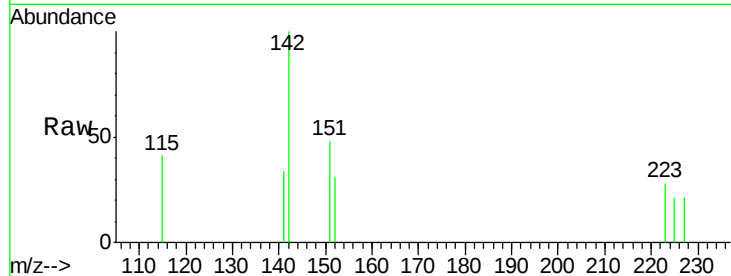
PT-BNA-SOIL

Tgt Ion:152 Resp: 11

Ion Ratio Lower Upper

152 100

151 890.9 15.0 22.6#



#12

2-Methylnaphthalene

Concen: 32.05 ng

RT: 11.99 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

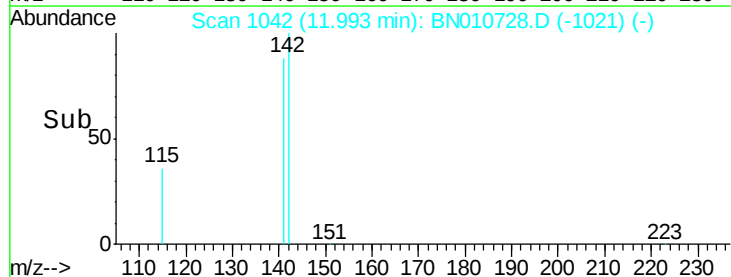
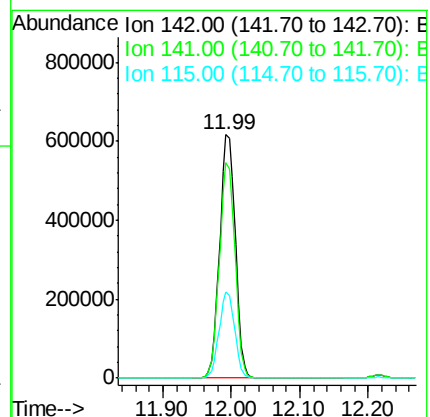
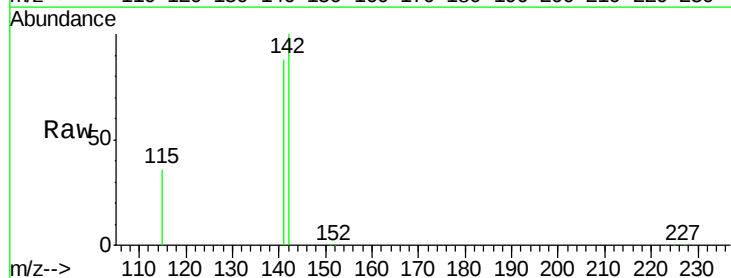
Tgt Ion:142 Resp: 978635

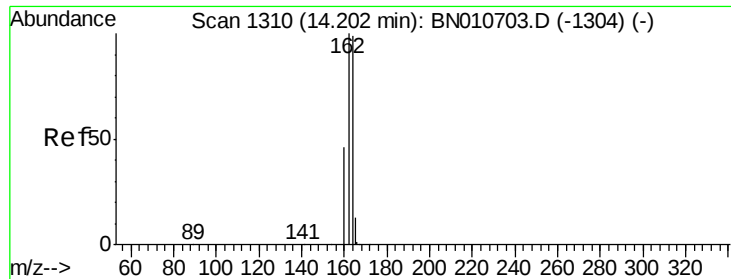
Ion Ratio Lower Upper

142 100

141 88.4 71.7 107.5

115 35.5 29.8 44.6





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.19 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

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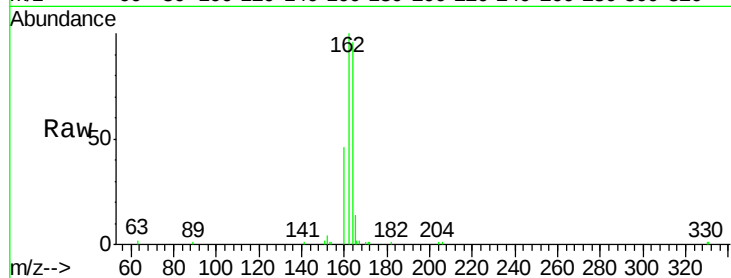
Tgt Ion:164 Resp: 10588

Ion Ratio Lower Upper

164 100

162 104.5 81.1 121.7

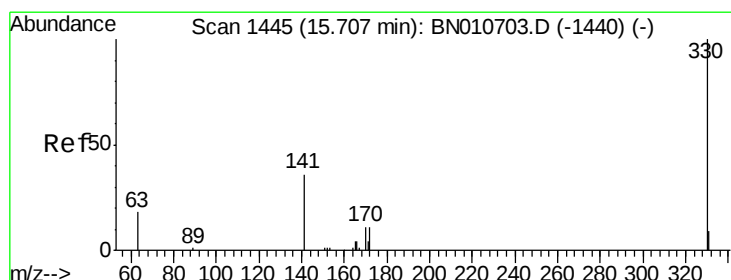
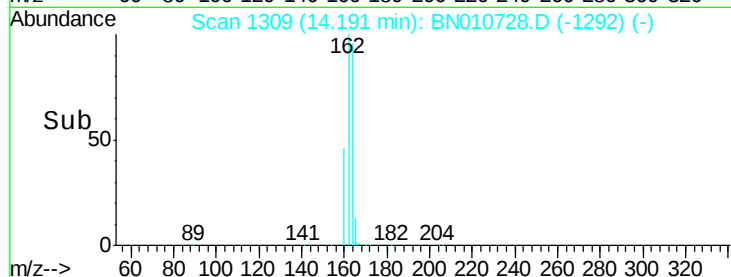
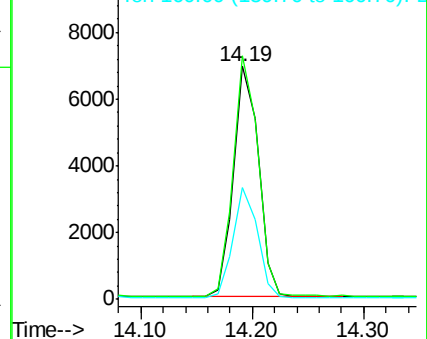
160 47.9 37.9 56.9



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: 202.95 ng

RT: 15.70 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

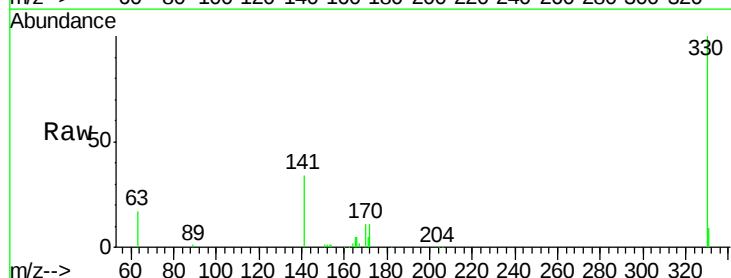
Tgt Ion:330 Resp: 779197

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

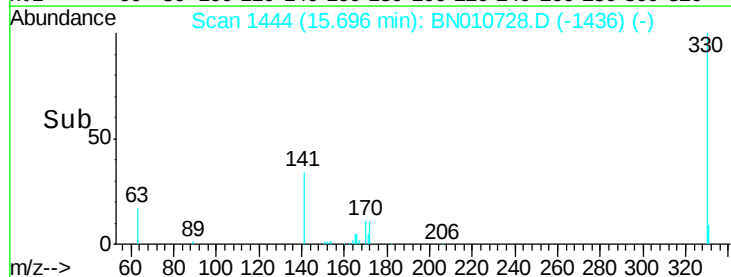
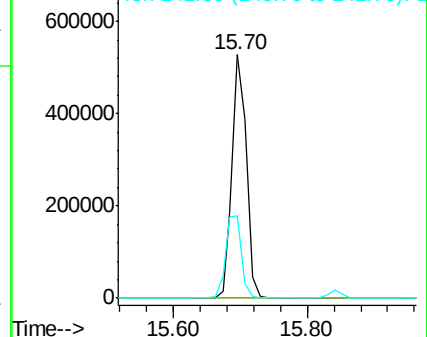
141 37.9 28.8 43.2

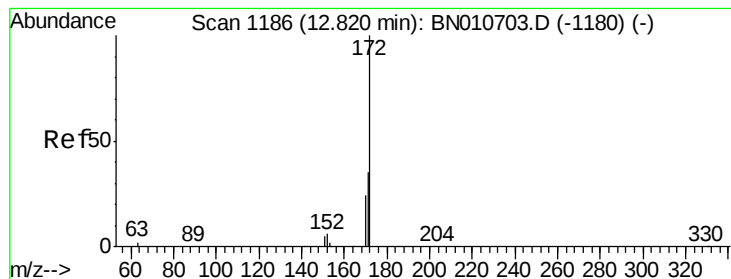


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

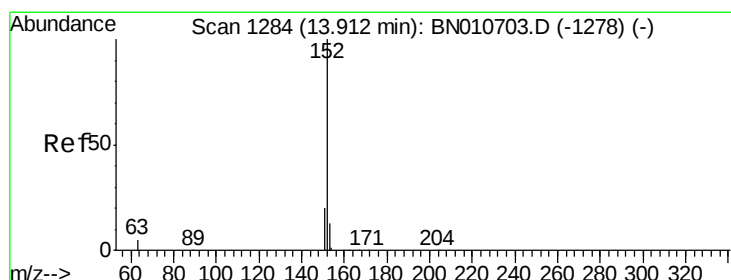
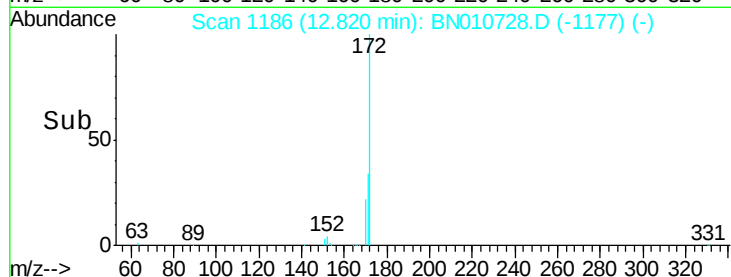
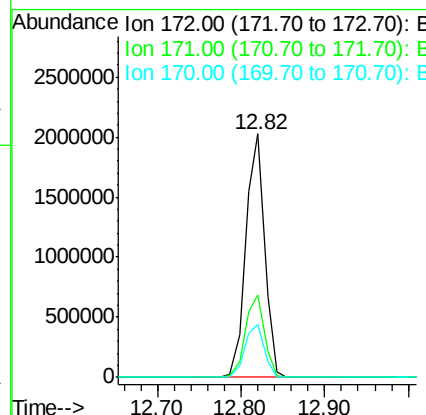
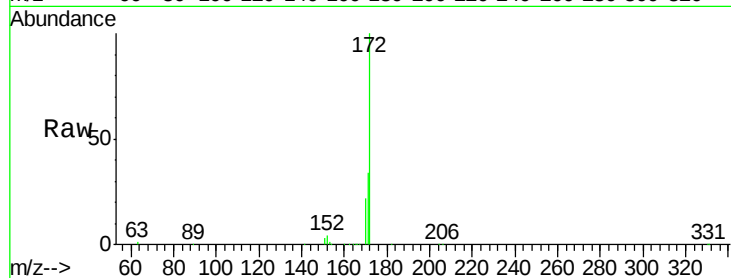




#15
 2-Fluorobiphenyl
 Concen: 80.70 ng
 RT: 12.82 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BN010728.D
 Acq: 15 May 2020 13:11

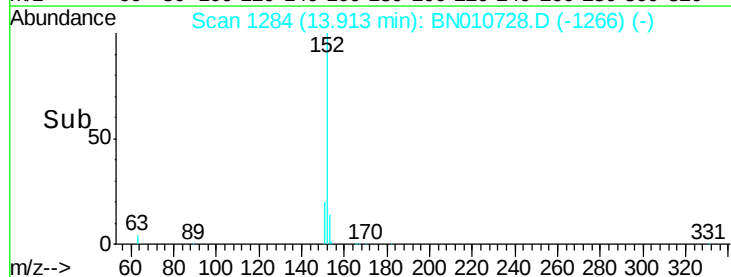
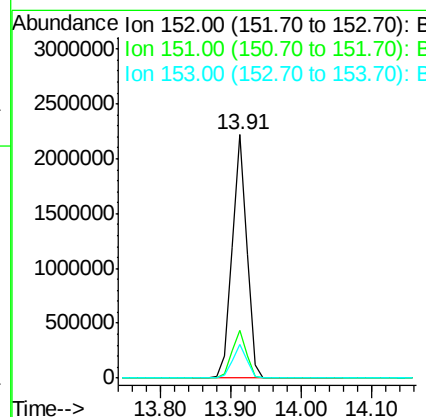
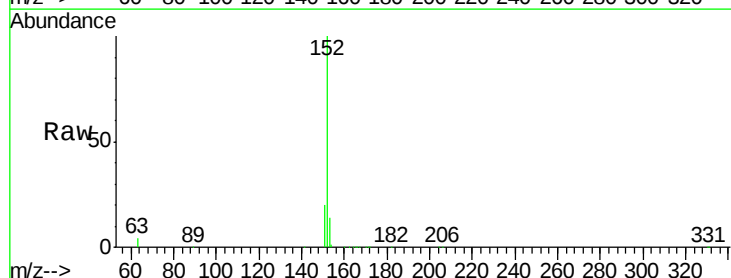
Instrument :
 BNA_N
 ClientSampleId :
 PT-BNA-SOIL

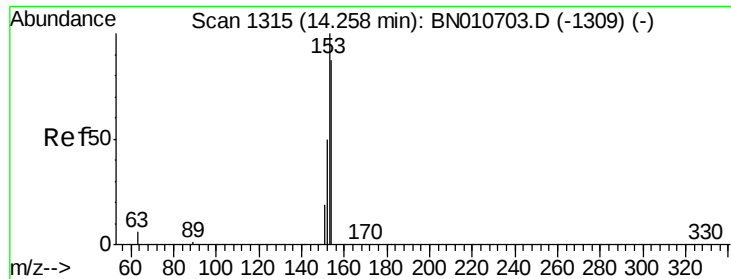
Tgt Ion:172 Resp: 3134875
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.6 42.8
 170 21.7 19.8 29.8



#16
 Acenaphthylene
 Concen: 75.56 ng
 RT: 13.91 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BN010728.D
 Acq: 15 May 2020 13:11

Tgt Ion:152 Resp: 3267977
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.6 23.4
 153 13.5 10.4 15.6





#17

Acenaphthene

Concen: 31.09 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

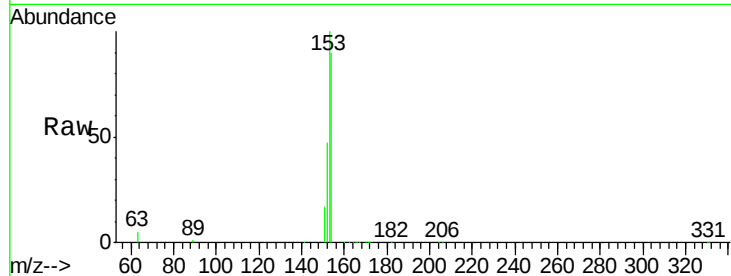
Tgt Ion:154 Resp: 908446

Ion Ratio Lower Upper

154 100

153 111.6 91.5 137.3

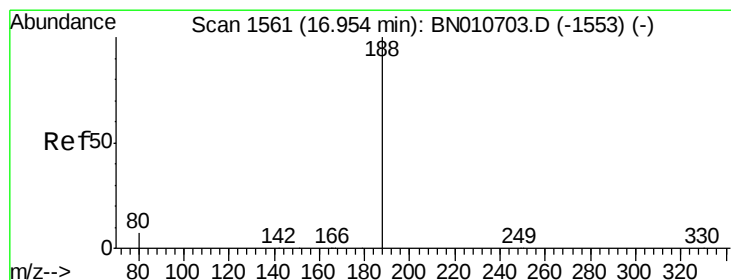
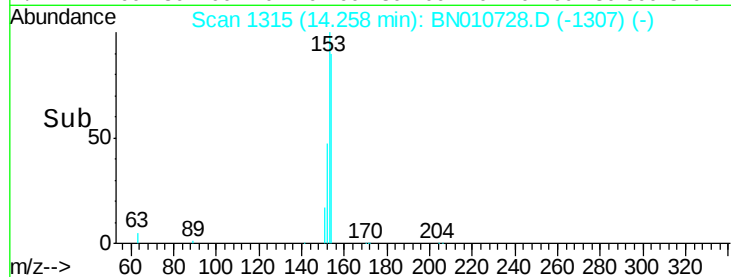
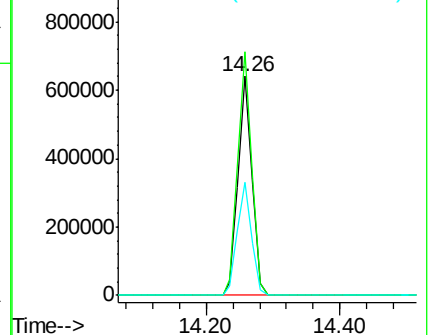
152 52.5 45.6 68.4



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



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

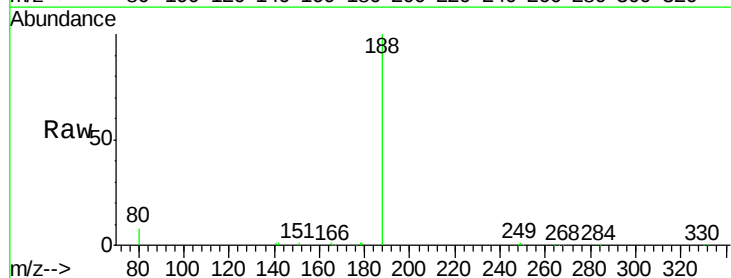
Tgt Ion:188 Resp: 24286

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

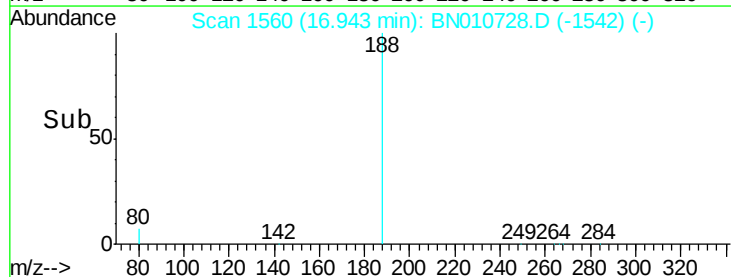
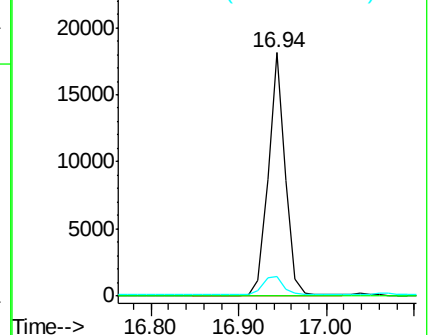
80 7.9 6.3 9.5

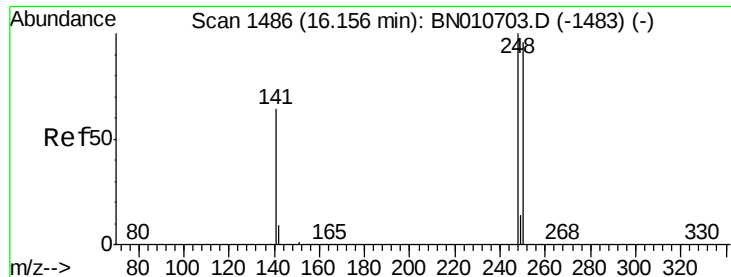


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

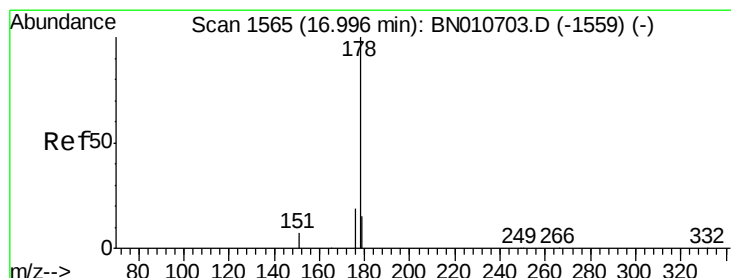
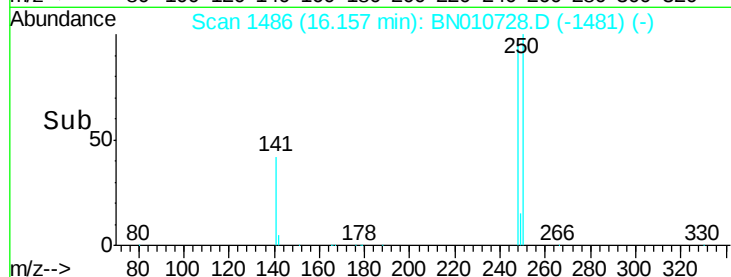
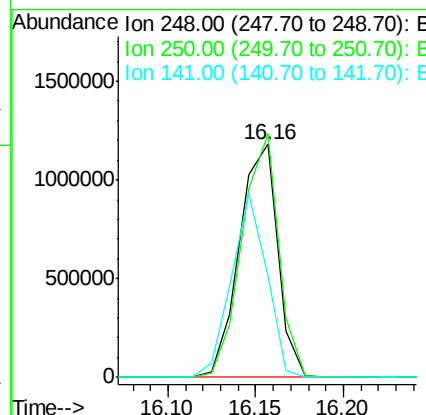
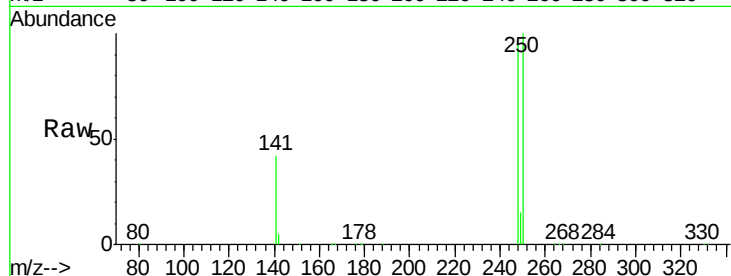




#20
4-Bromophenyl-phenylether
Concen: 133.01 ng
RT: 16.16 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BN010728.D
Acq: 15 May 2020 13:11

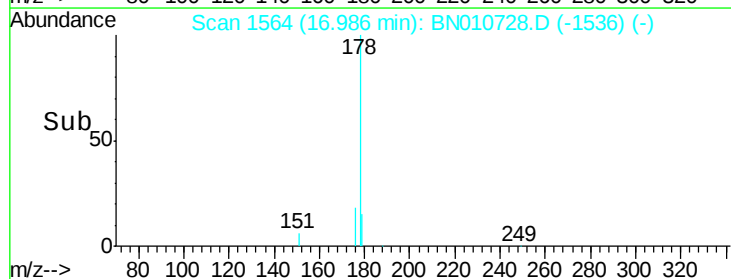
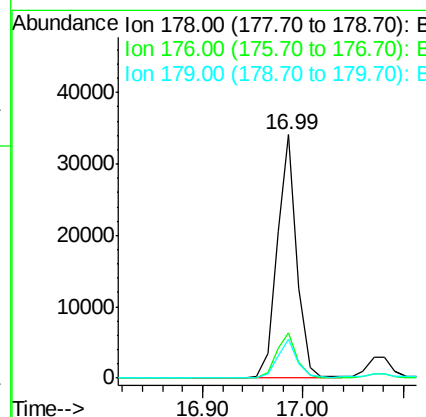
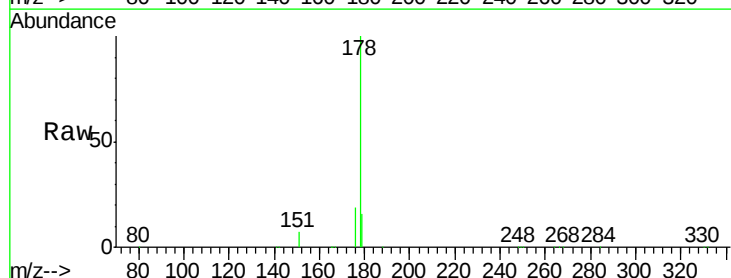
Instrument :
BNA_N
ClientSampleId :
PT-BNA-SOIL

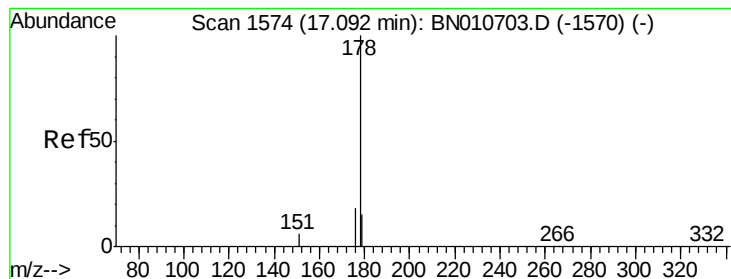
Tgt Ion:248 Resp: 1784162
Ion Ratio Lower Upper
248 100
250 104.5 77.4 116.0
141 43.5 53.1 79.7#



#23
Phenanthrene
Concen: 0.71 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BN010728.D
Acq: 15 May 2020 13:11

Tgt Ion:178 Resp: 46306
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.5 12.2 18.4





#24

Anthracene

Concen: 0.08 ng

RT: 17.07 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

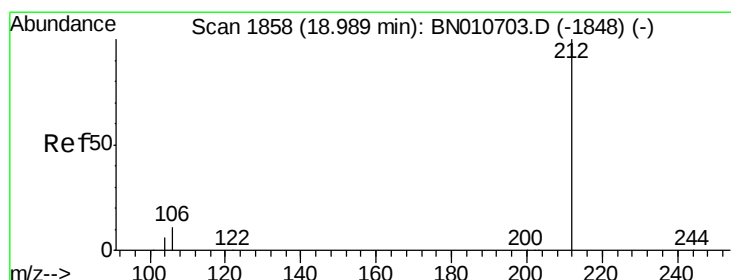
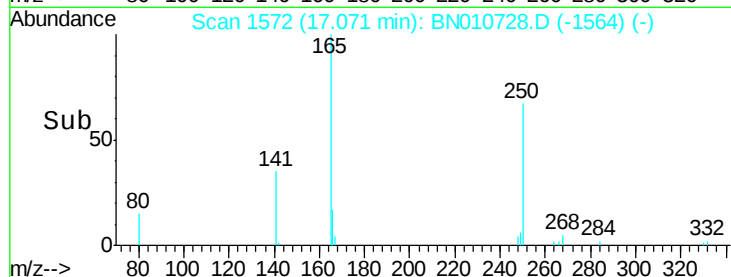
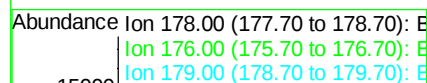
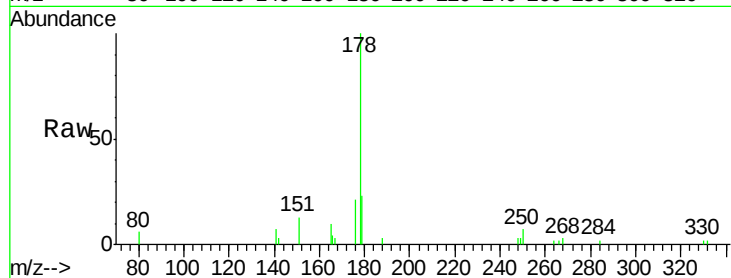
Tgt Ion:178 Resp: 4551

Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 19.0 12.3 18.5#



#25

Fluoranthene-d10

Concen: 0.00 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

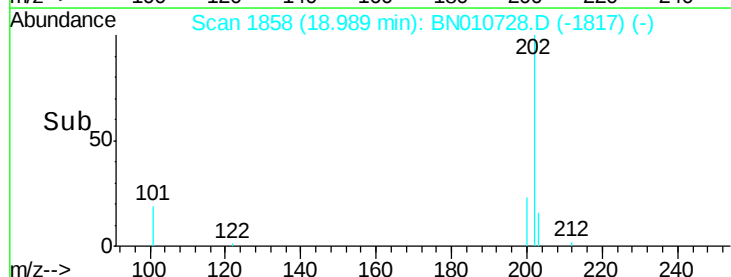
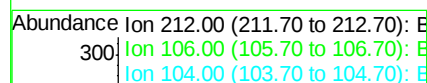
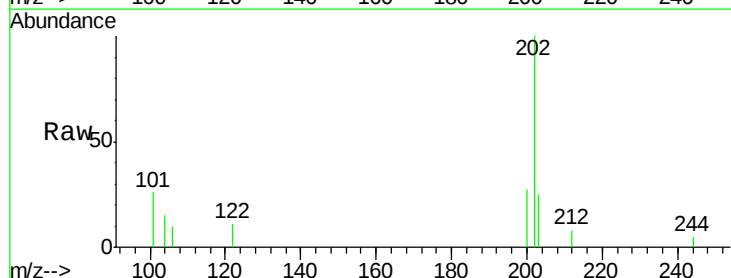
Tgt Ion:212 Resp: 36

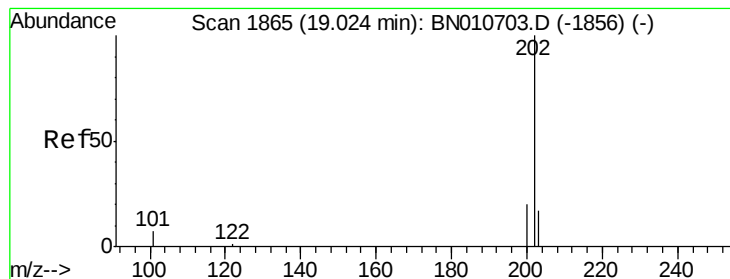
Ion Ratio Lower Upper

212 100

106 22.2 8.2 12.2#

104 0.0 4.7 7.1#





#26

Fluoranthene

Concen: 1.34 ng

RT: 19.01 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

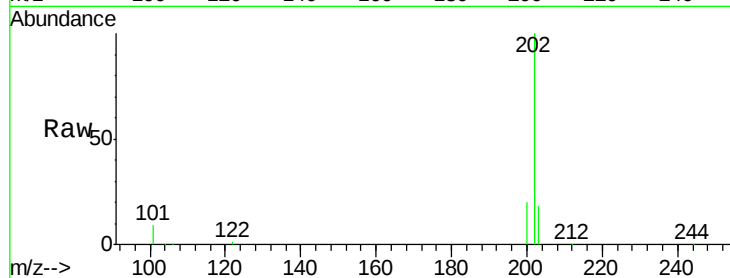
BNA_N

ClientSampleId :

PT-BNA-SOIL

Tgt Ion:202 Resp: 99357

Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.7	10.1
203	17.4	13.4	20.0

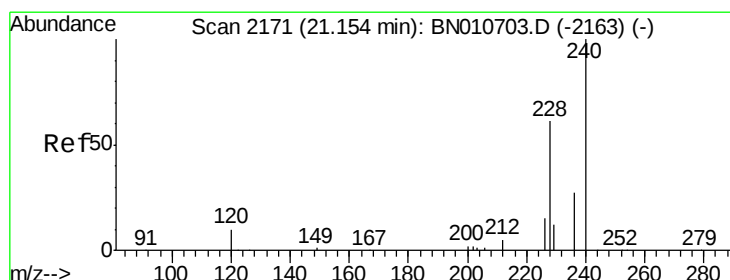
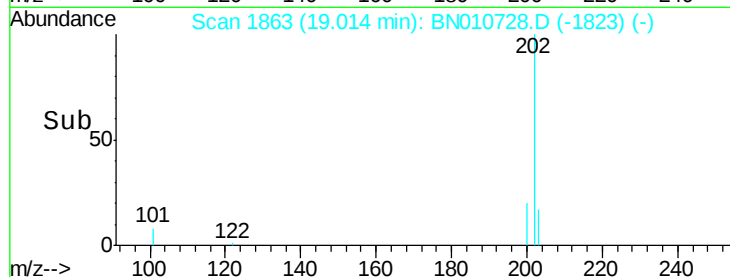
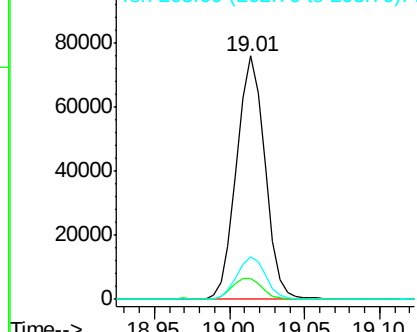


Abundance

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: 0.40 ng

RT: 21.16 min Scan# 2172

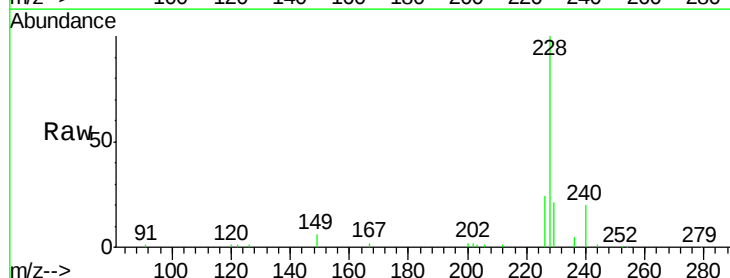
Delta R.T. 0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Tgt Ion:240 Resp: 21371

Ion	Ratio	Lower	Upper
240	100		
120	6.0	9.5	14.3#
236	26.5	22.5	33.7

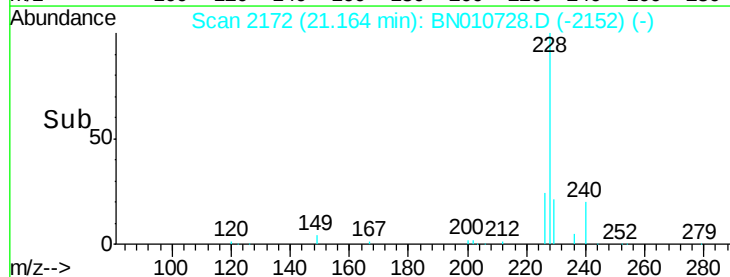
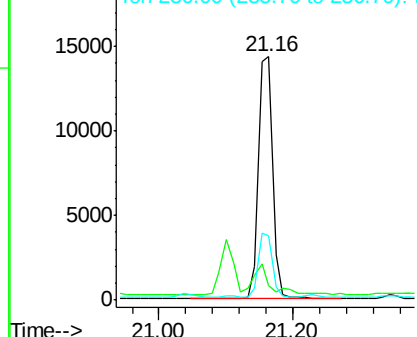


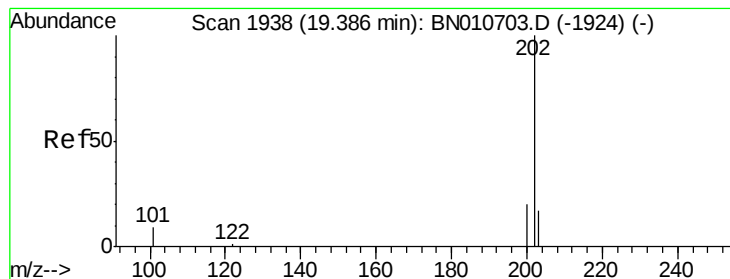
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 1.17 ng

RT: 19.38 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

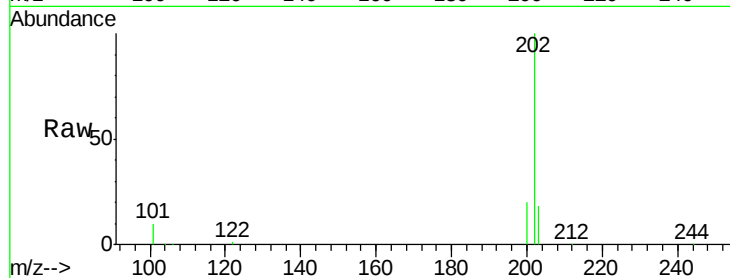
Tgt Ion:202 Resp: 89781

Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.4

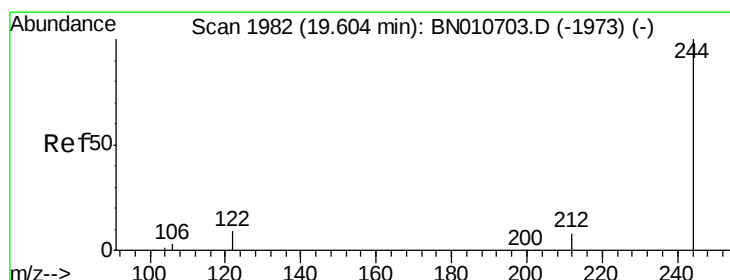
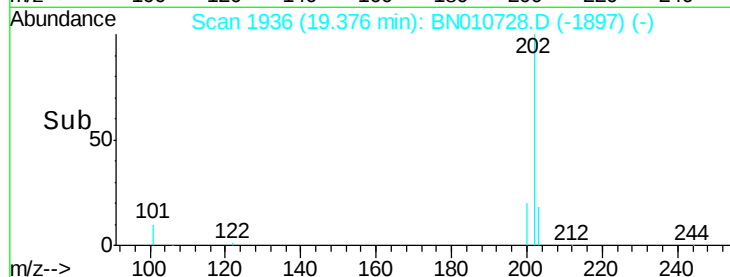
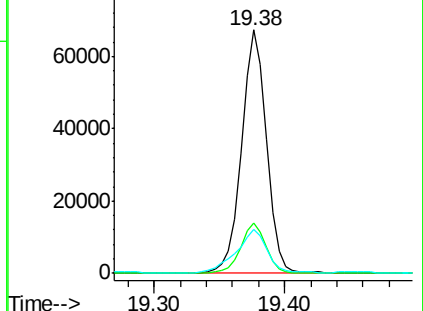
203 22.1 14.1 21.1#



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: 82.19 ng

RT: 19.60 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

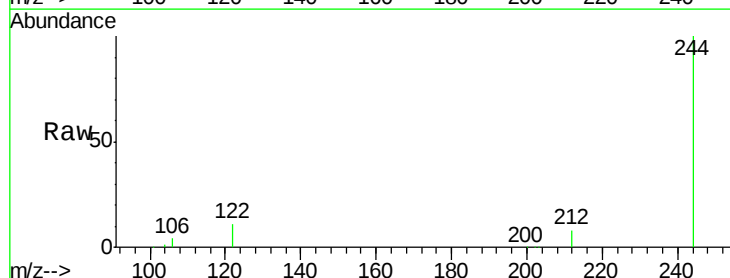
Tgt Ion:244 Resp: 4167137

Ion Ratio Lower Upper

244 100

212 8.0 6.8 10.2

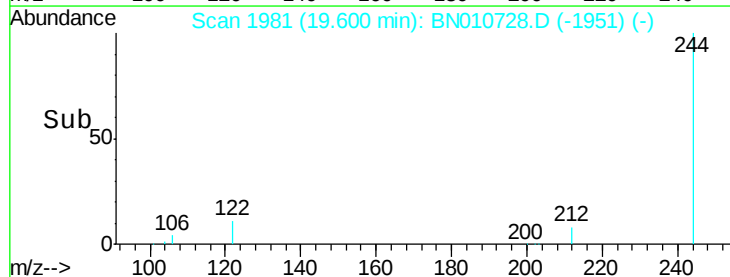
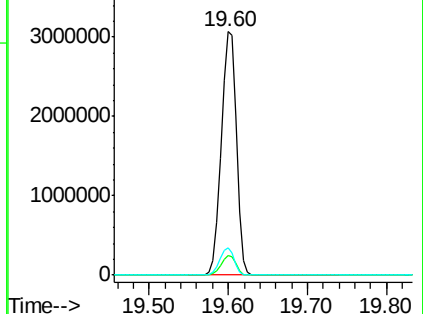
122 11.4 8.1 12.1

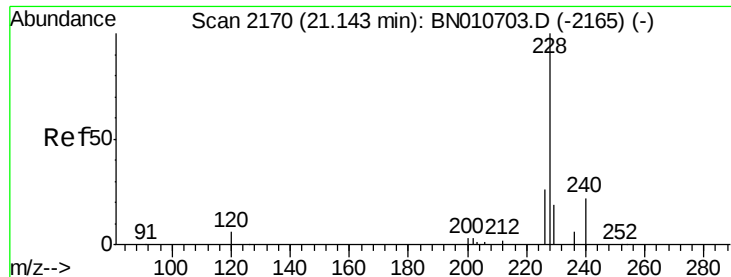


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 46.96 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

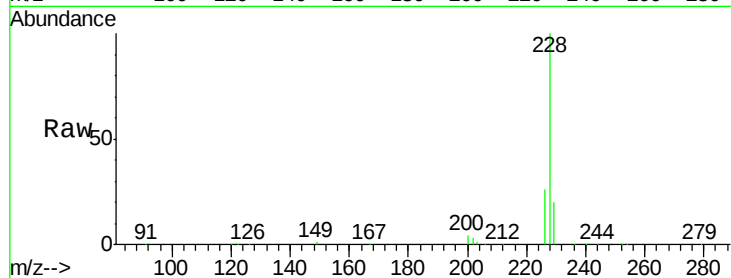
Tgt Ion:228 Resp: 2926971

Ion Ratio Lower Upper

228 100

226 26.3 21.3 31.9

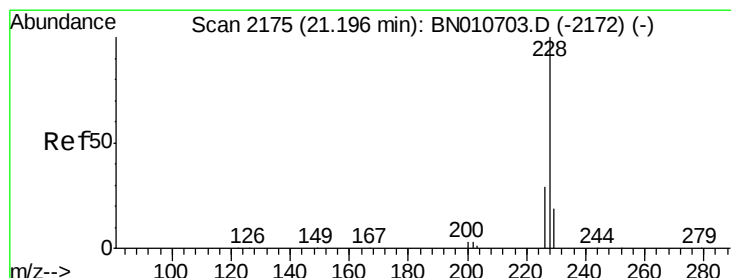
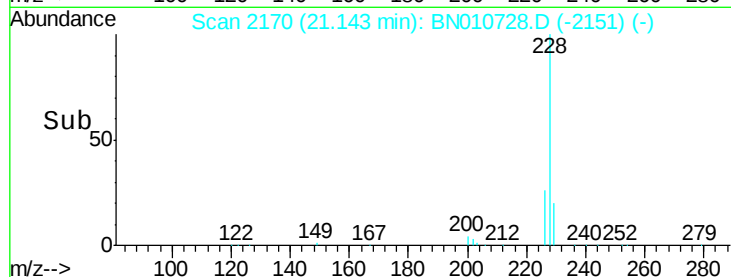
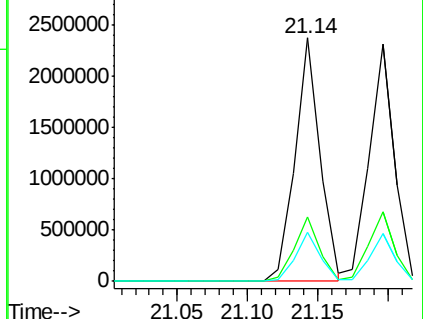
229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 40.88 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

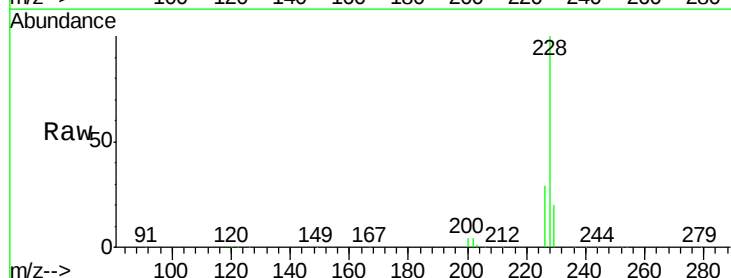
Tgt Ion:228 Resp: 2884855

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.0

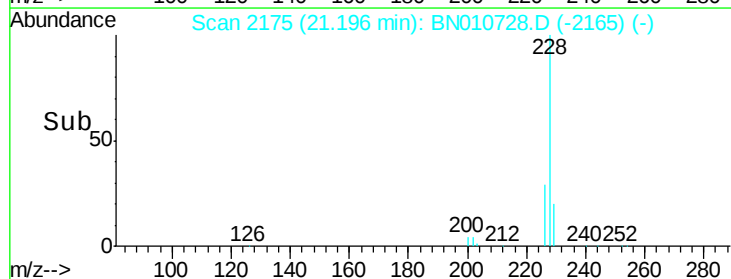
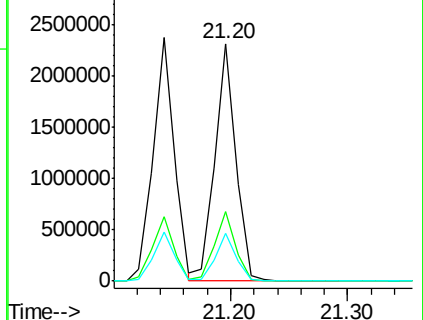
229 20.3 16.1 24.1

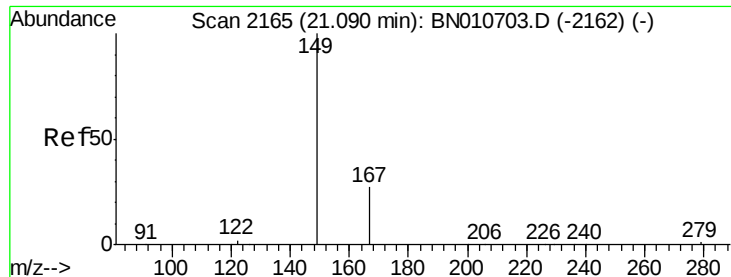


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 254.22 ng

RT: 21.10 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

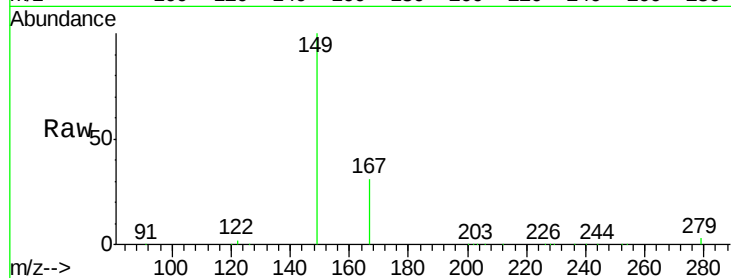
Tgt Ion:149 Resp: 6940321

Ion Ratio Lower Upper

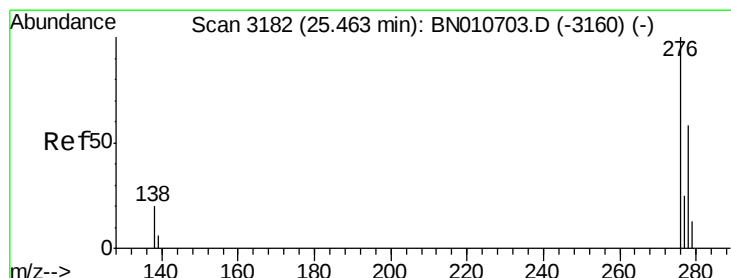
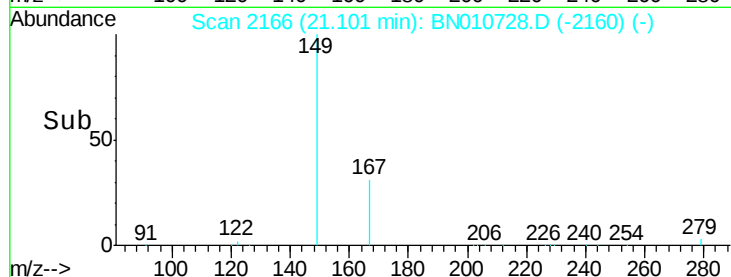
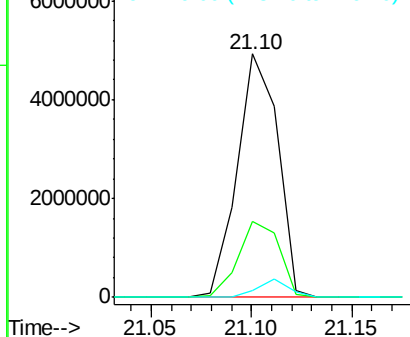
149 100

167 31.4 22.5 33.7

279 5.7 4.1 6.1



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: 64.48 ng

RT: 25.46 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

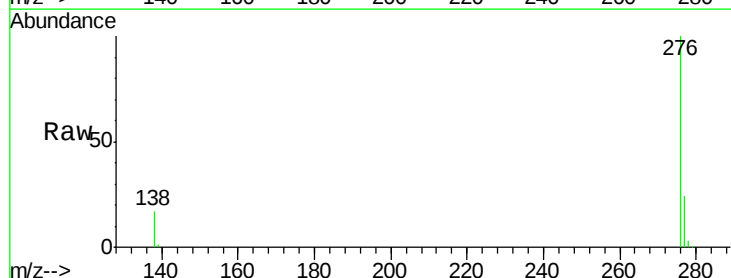
Tgt Ion:276 Resp: 4047560

Ion Ratio Lower Upper

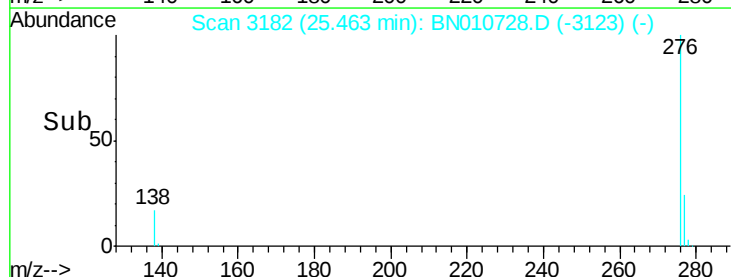
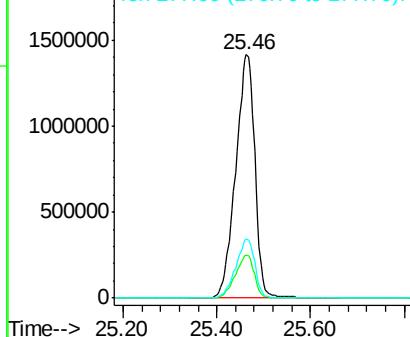
276 100

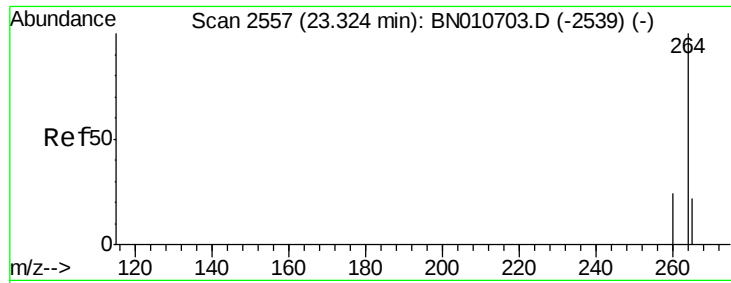
138 17.6 15.1 22.7

277 24.1 19.4 29.0



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: 0.40 ng

RT: 23.32 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

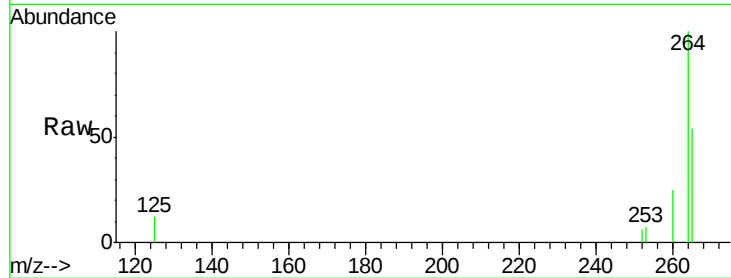
Tgt Ion:264 Resp: 22270

Ion Ratio Lower Upper

264 100

260 25.1 19.6 29.4

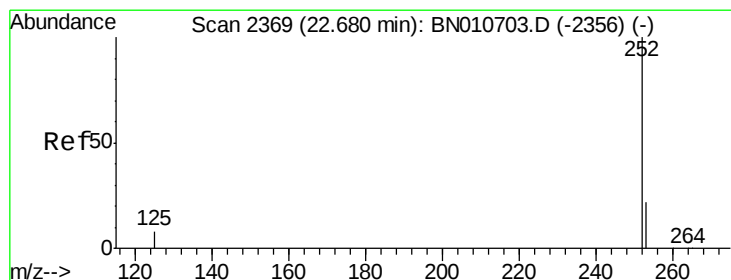
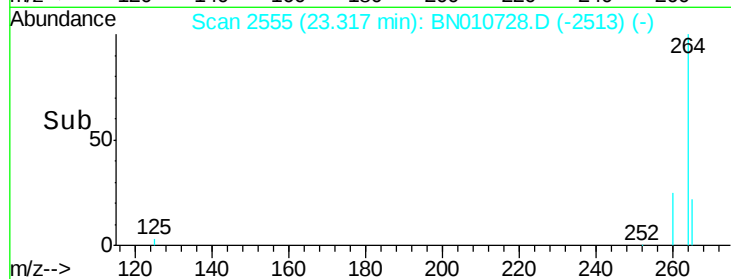
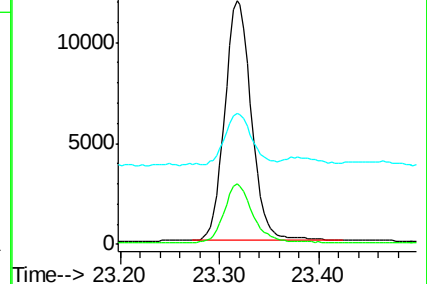
265 53.8 70.1 105.1#



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: 0.62 ng

RT: 22.68 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

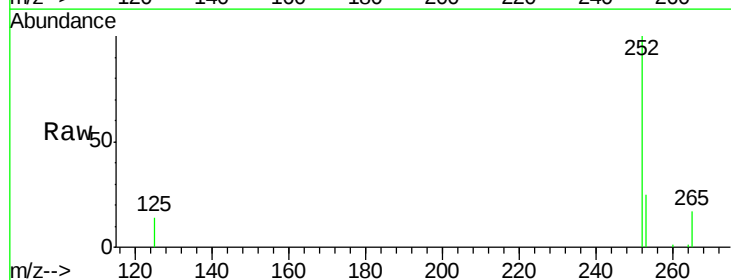
Tgt Ion:252 Resp: 45835

Ion Ratio Lower Upper

252 100

253 25.3 22.0 33.0

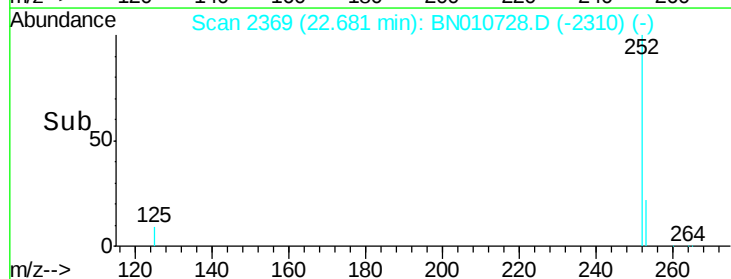
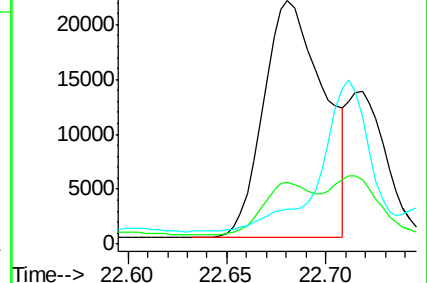
125 14.2 10.8 16.2

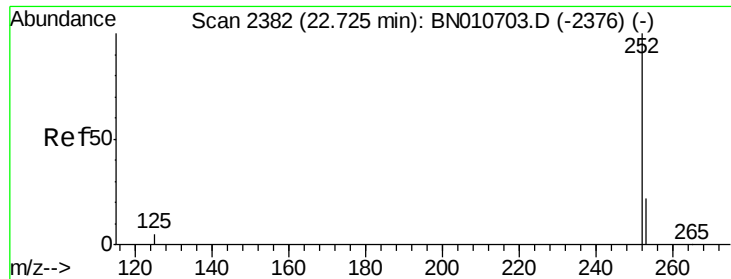


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 0.23 ng m

RT: 22.72 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

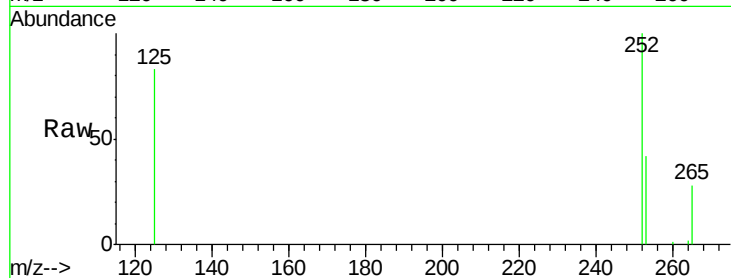
Tgt Ion:252 Resp: 18268

Ion Ratio Lower Upper

252 100

253 42.3 21.9 32.9#

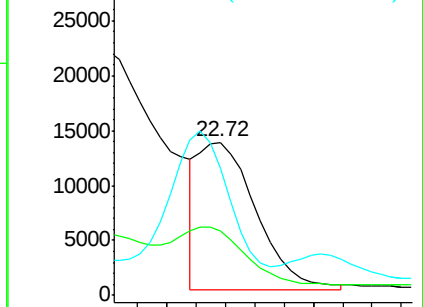
125 83.0 11.1 16.7#



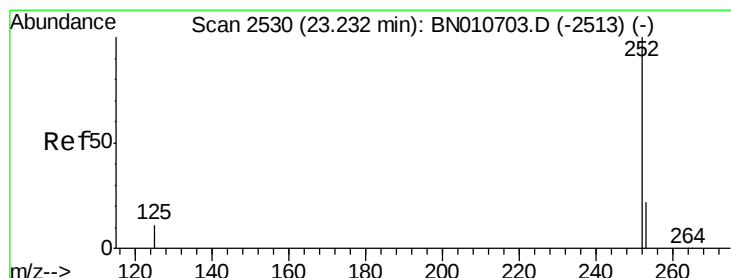
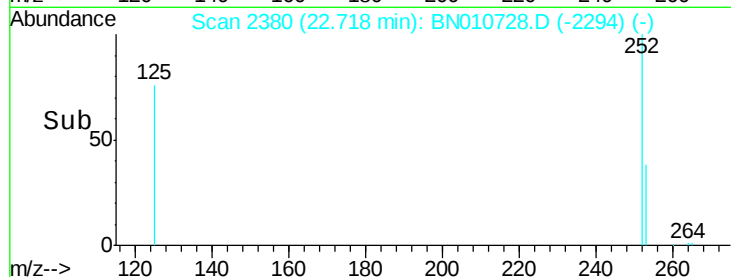
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#37

Benzo(a)pyrene

Concen: 0.46 ng

RT: 23.22 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

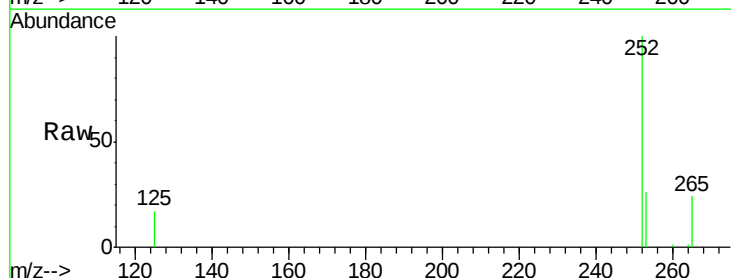
Tgt Ion:252 Resp: 29493

Ion Ratio Lower Upper

252 100

253 26.0 24.8 37.2

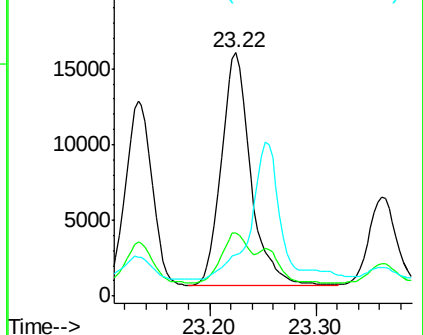
125 16.8 15.8 23.6



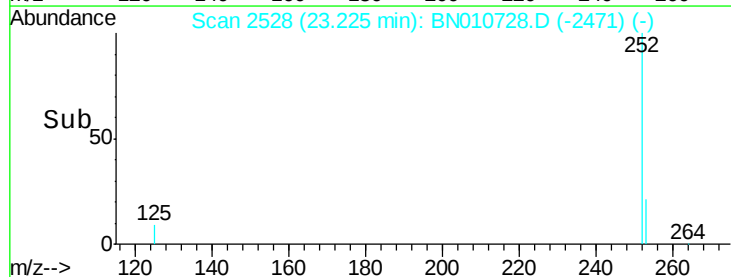
Abundance Ion 252.00 (251.70 to 252.70): E

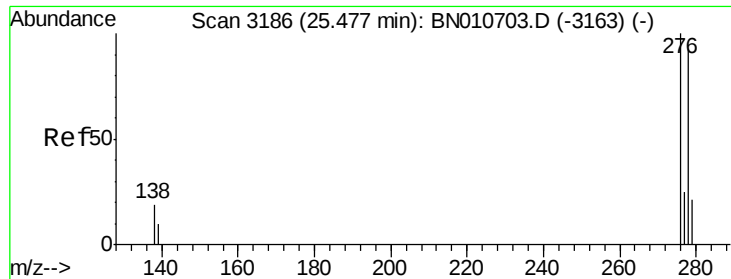
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#38

Dibenzo(a,h)anthracene

Concen: 2.14 ng

RT: 25.46 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

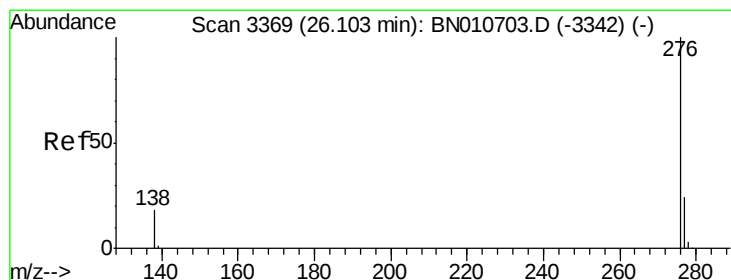
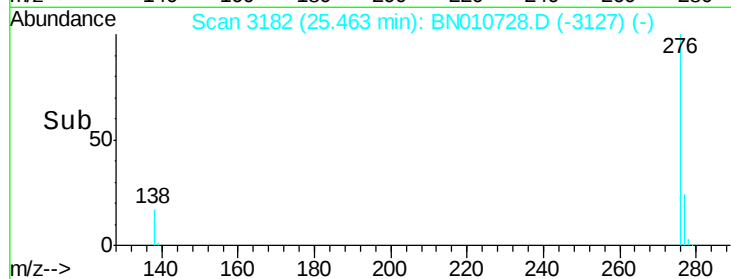
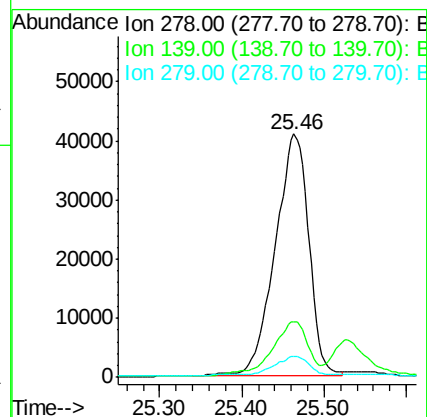
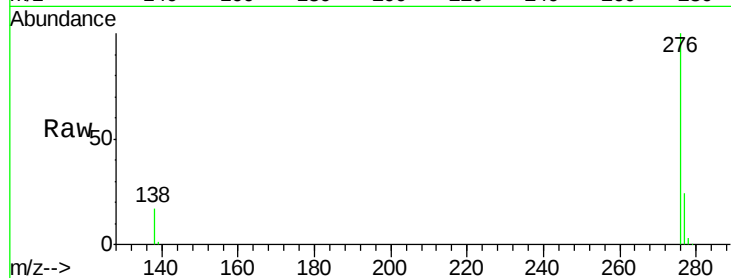
Tgt Ion:278 Resp: 116463

Ion Ratio Lower Upper

278 100

139 23.0 13.0 19.4#

279 8.7 25.1 37.7#



#39

Benzo(g,h,i)perylene

Concen: 43.02 ng

RT: 26.11 min Scan# 3371

Delta R.T. 0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Tgt Ion:276 Resp: 2747030

Ion Ratio Lower Upper

276 100

277 23.9 20.6 30.8

138 19.2 16.0 24.0

