

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 13:41:51 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

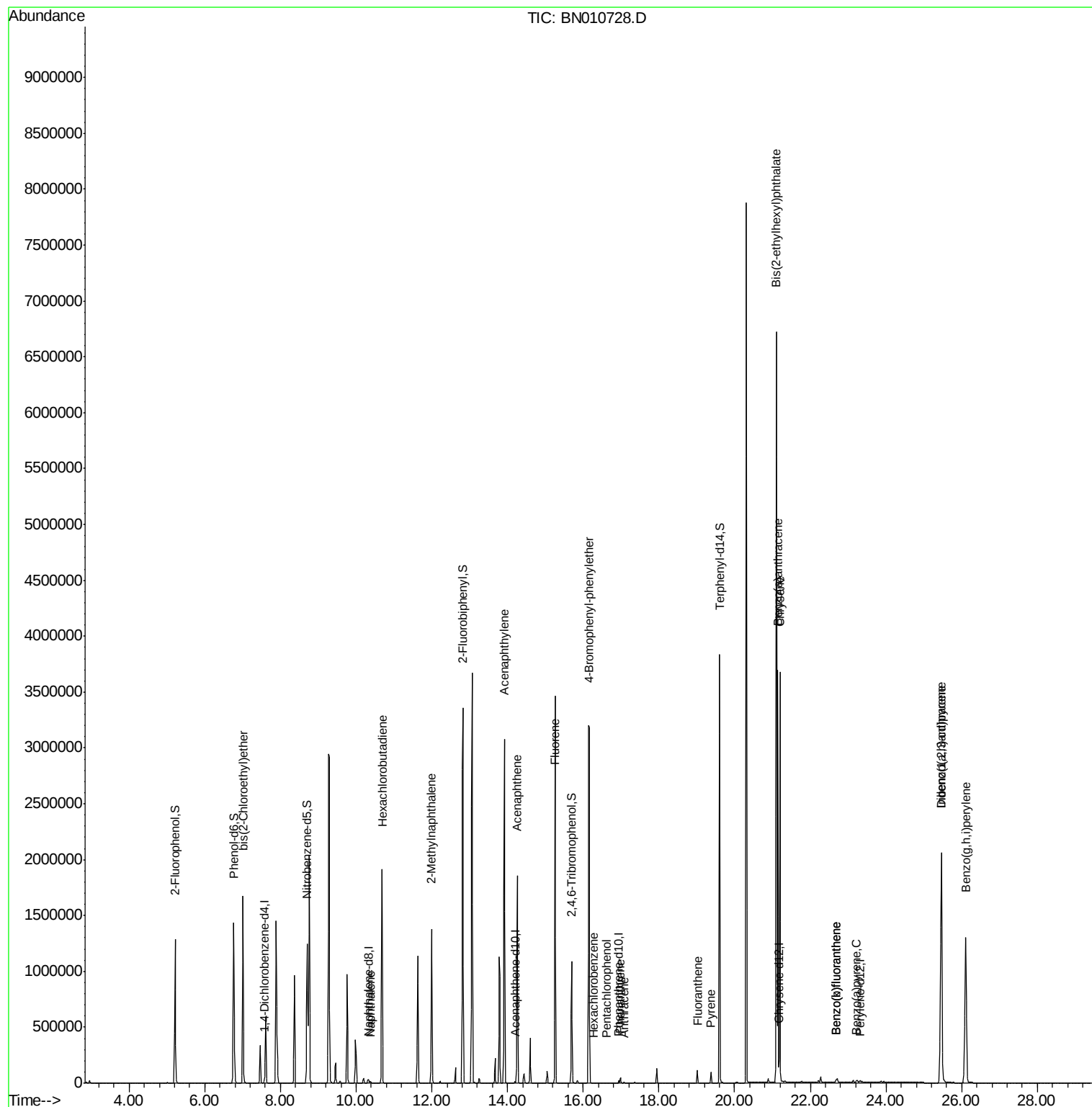
Target Compounds					Qvalue	
6) bis(2-Chloroethyl)ether	7.01	93	1258235	61.526	ng	95
9) Naphthalene	10.38	128	15419	0.356	ng	99
10) Hexachlorobutadiene	10.68	225	1814740	183.159	ng	# 98
12) 2-Methylnaphthalene	11.99	142	978635	32.051	ng	98
16) Acenaphthylene	13.91	152	3267977	75.562	ng	99
17) Acenaphthene	14.26	154	908446	31.089	ng	96
18) Fluorene	15.25	166	2446	0.064	ng	# 1
20) 4-Bromophenyl-phenylether	16.16	248	1784162	133.014	ng	# 84
21) Hexachlorobenzene	16.26	284	377	0.024	ng	# 55
22) Pentachlorophenol	16.61	266	119	0.024	ng	# 80
23) Phenanthrene	16.99	178	46306	0.711	ng	100
24) Anthracene	17.07	178	4551	0.083	ng	# 96
26) Fluoranthene	19.01	202	99357	1.343	ng	98
28) Pyrene	19.38	202	89781	1.172	ng	# 95
30) Benzo(a)anthracene	21.14	228	2926971	46.956	ng	99
31) Chrysene	21.20	228	2884855	40.878	ng	100
32) Bis(2-ethylhexyl)phthalate	21.10	149	6940321	254.217	ng	94
33) Indeno(1,2,3-cd)pyrene	25.46	276	4047560	64.483	ng	99
35) Benzo(b)fluoranthene	22.68	252	45835	0.623	ng	97
36) Benzo(k)fluoranthene	22.68	252	45835	0.578	ng	97
37) Benzo(a)pyrene	23.22	252	29493	0.463	ng	92
38) Dibenzo(a,h)anthracene	25.46	278	116463	2.139	ng	# 68
39) Benzo(g,h,i)perylene	26.11	276	2747030	43.024	ng	97

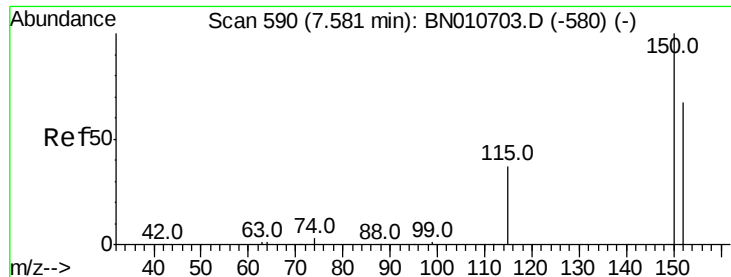
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 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

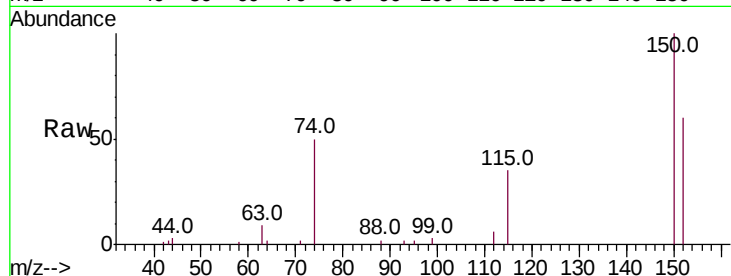
Tot Ion:152 Resp: 8300

Ion Ratio Lower Upper

152 100

150 167.7 119.4 179.0

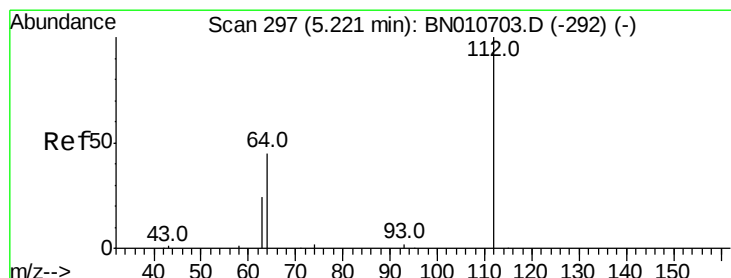
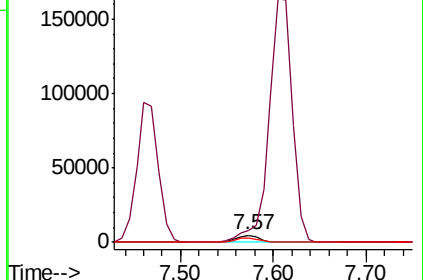
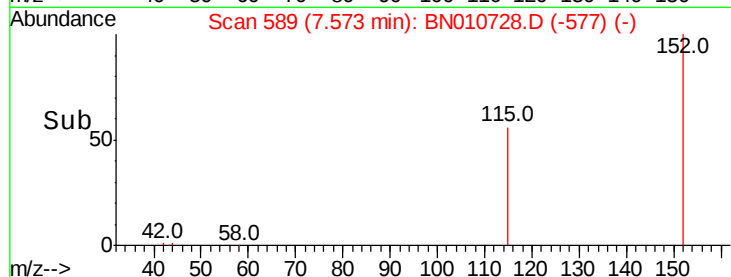
115 58.4 45.9 68.9



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: 70.780 ng

RT: 5.21 min Scan# 296

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

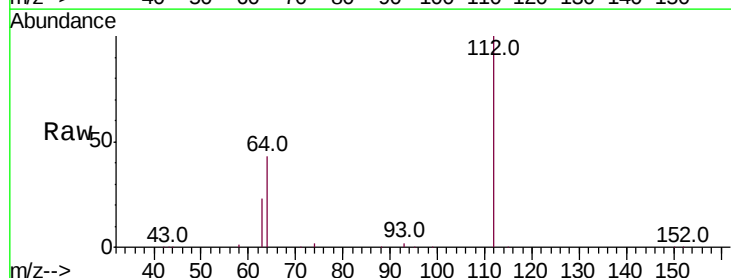
Tgt Ion:112 Resp: 1150124

Ion Ratio Lower Upper

112 100

64 45.8 36.2 54.4

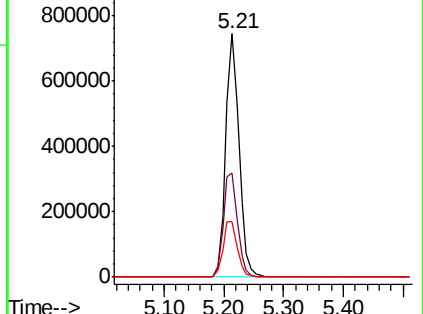
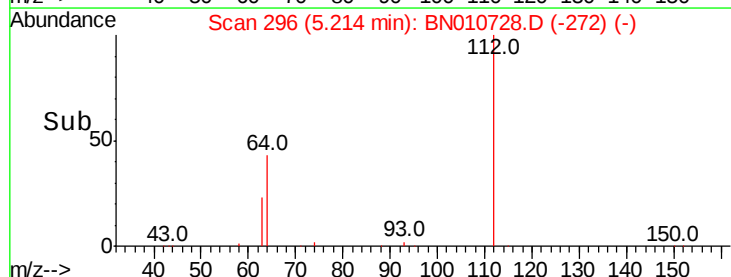
63 24.6 19.8 29.8

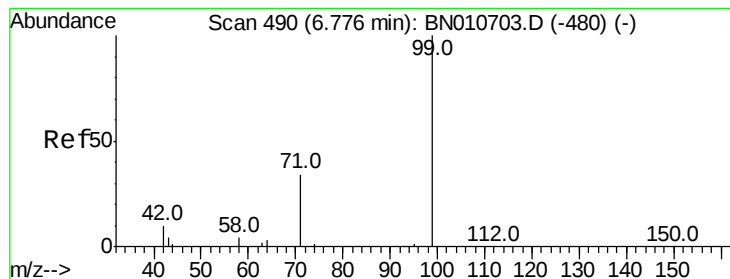


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 79.675 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

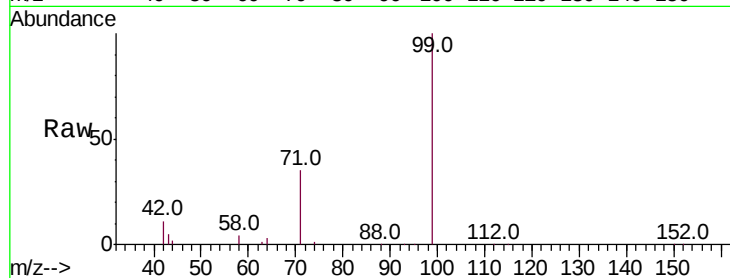
Tot Ion: 99 Resp: 1581577

Ion Ratio Lower Upper

99 100

42 12.4 9.8 14.8

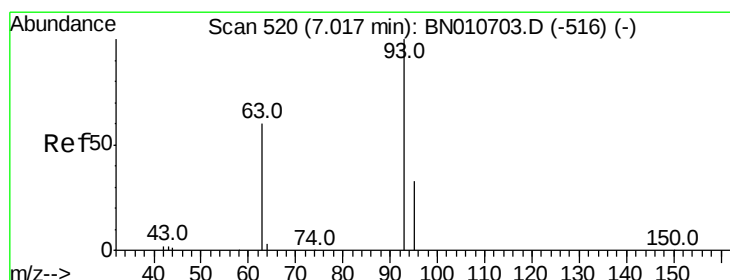
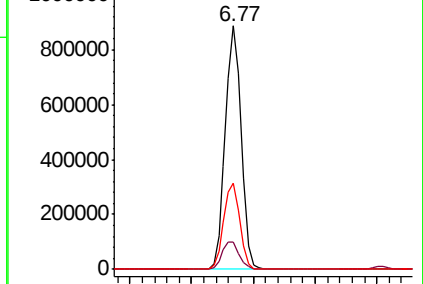
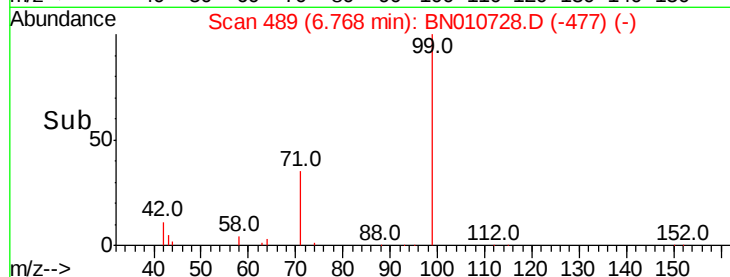
71 35.8 28.6 42.8



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

Ion 42.00 (41.70 to 42.70): BN010728.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN010728.D (-477) (-)



#6

bis(2-Chloroethyl)ether

Concen: 61.526 ng

RT: 7.01 min Scan# 519

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

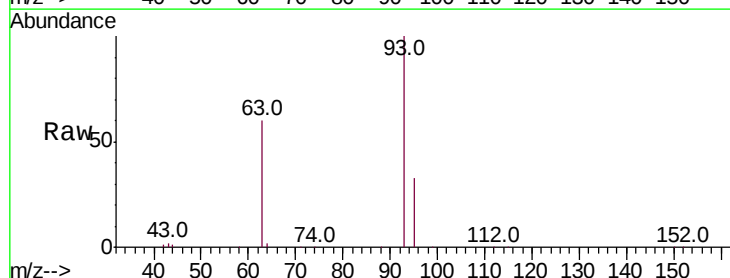
Tgt Ion: 93 Resp: 1258235

Ion Ratio Lower Upper

93 100

63 58.1 43.1 64.7

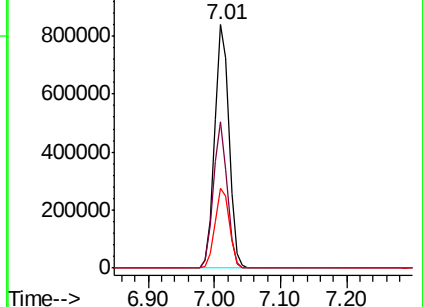
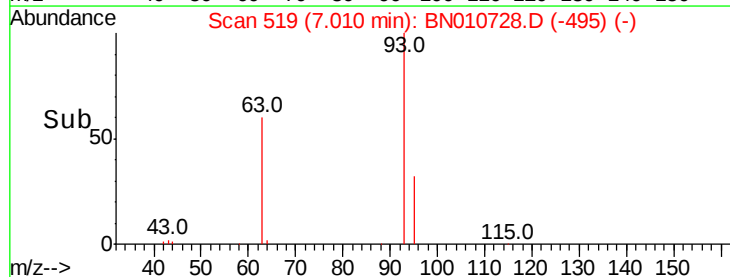
95 33.0 24.6 37.0

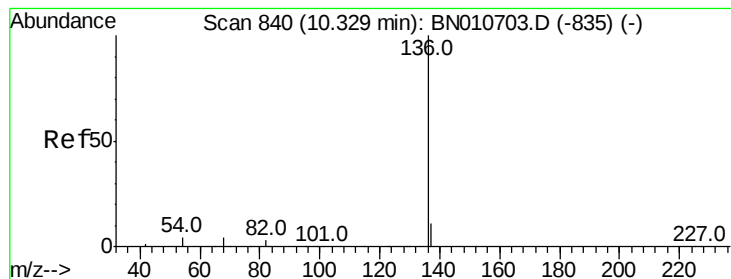


Abundance Ion 93.00 (92.70 to 93.70): BN010728.D (-495) (-)

Ion 63.00 (62.70 to 63.70): BN010728.D (-495) (-)

Ion 95.00 (94.70 to 95.70): BN010728.D (-495) (-)





#7

Naphthalene-d8

Concen: 0.400 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

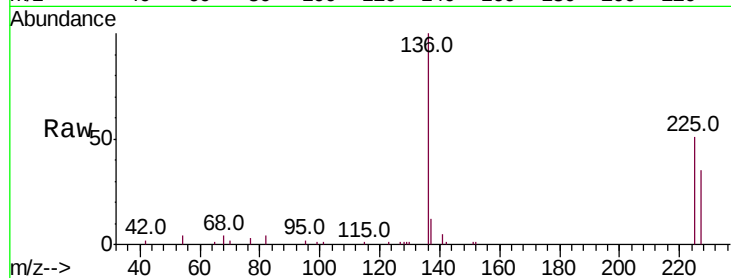
ClientSampleId :

PT-BNA-SOIL

Tot 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



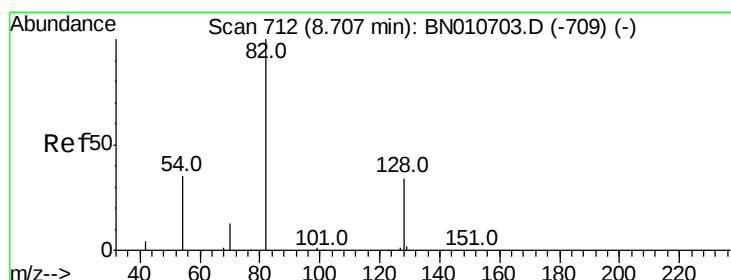
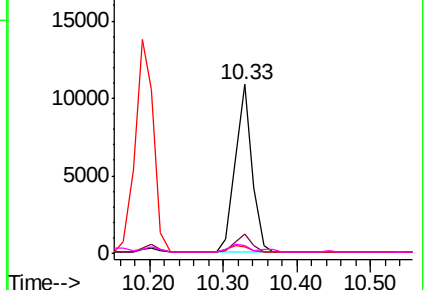
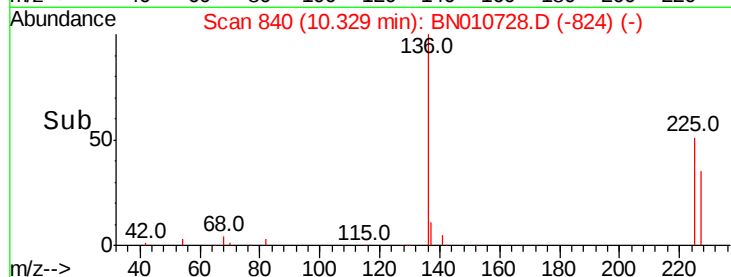
Abundance

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



#8

Nitrobenzene-d5

Concen: 93.927 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.00 min

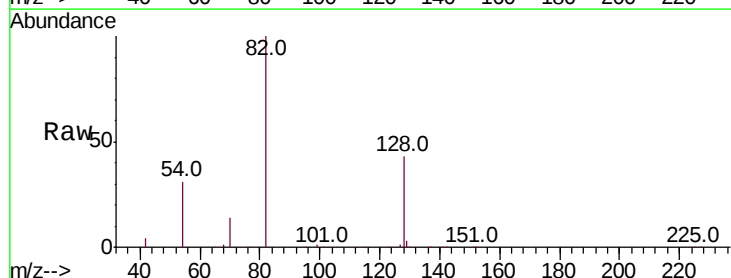
Lab File: BN010728.D

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

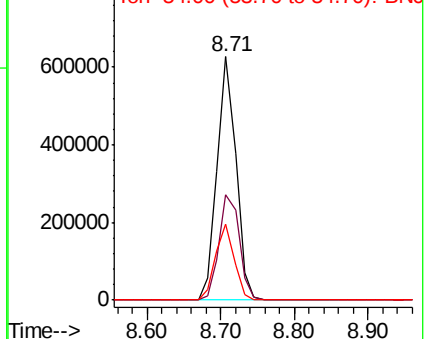
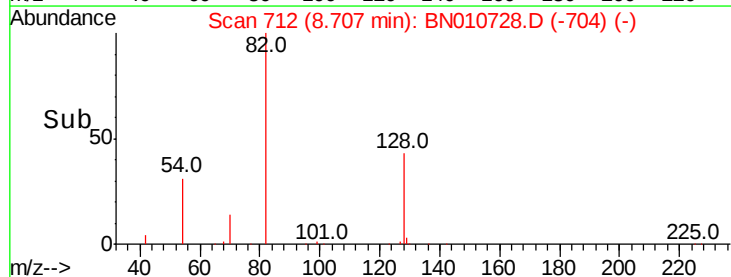


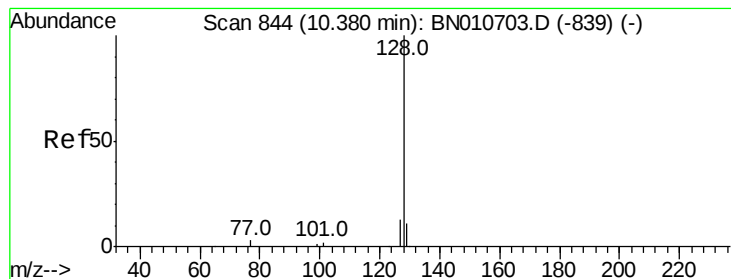
Abundance

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





#9

Naphthalene

Concen: 0.356 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

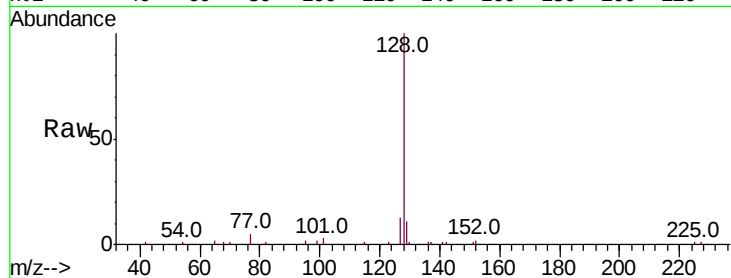
Tot Ion:128 Resp: 15419

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

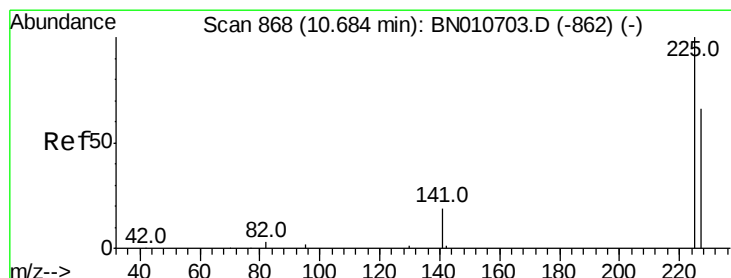
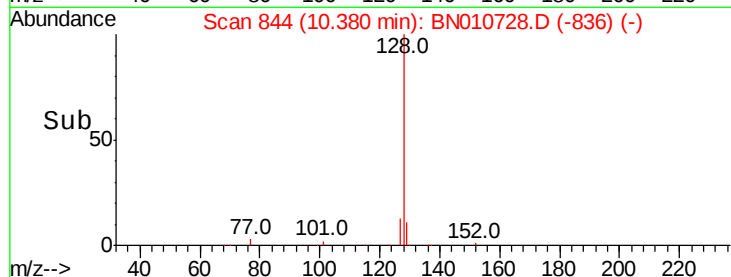
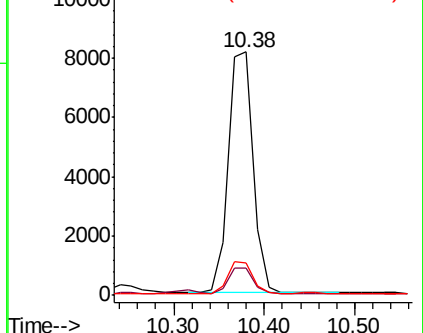
127 13.3 11.0 16.6



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: 183.159 ng

RT: 10.68 min Scan# 868

Delta R.T. 0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

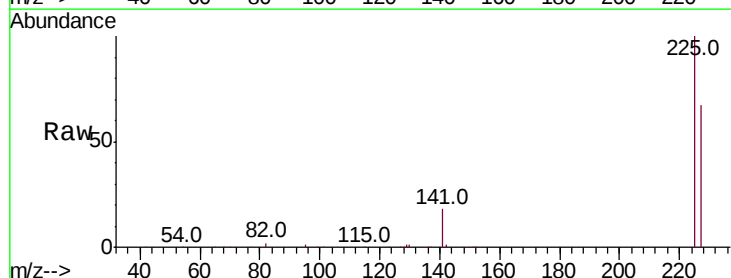
Tgt Ion:225 Resp: 1814740

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

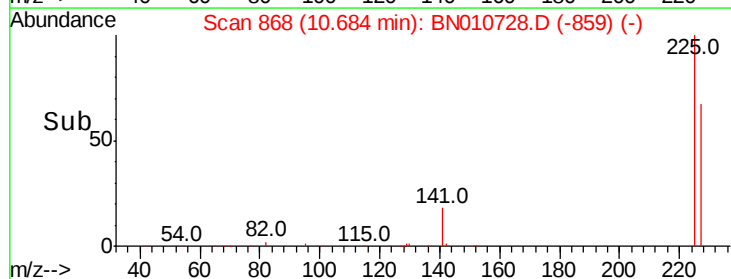
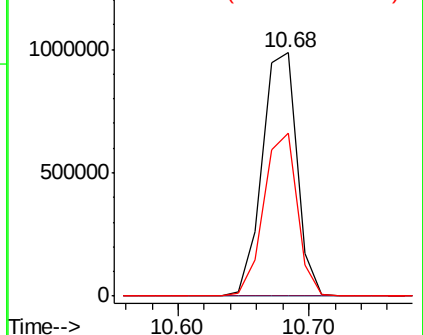
227 64.6 50.7 76.1

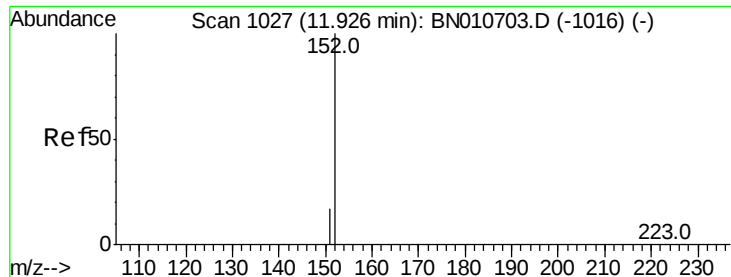


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

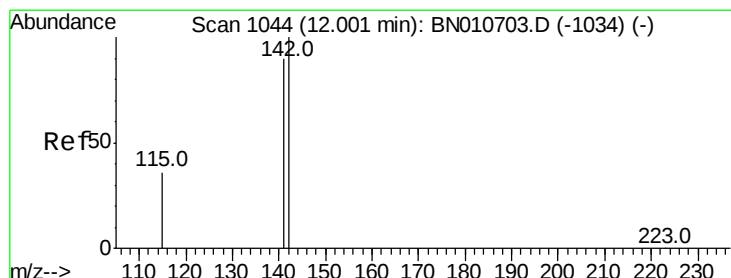
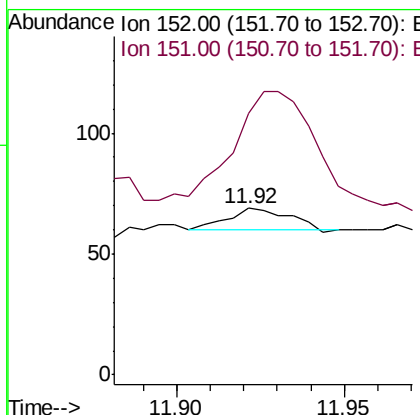
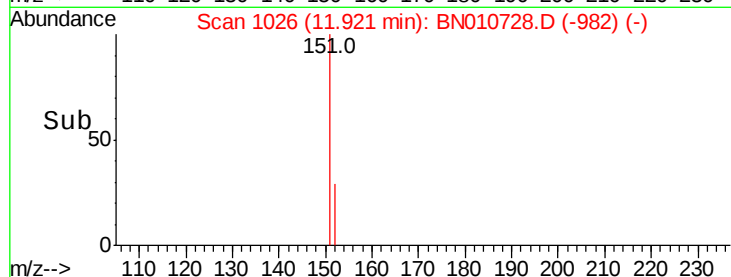
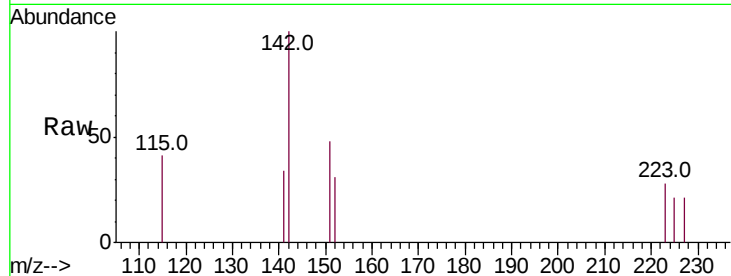




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 11.92 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BN010728.D
Acq: 15 May 2020 13:11

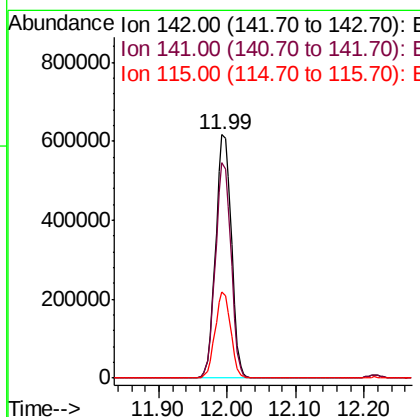
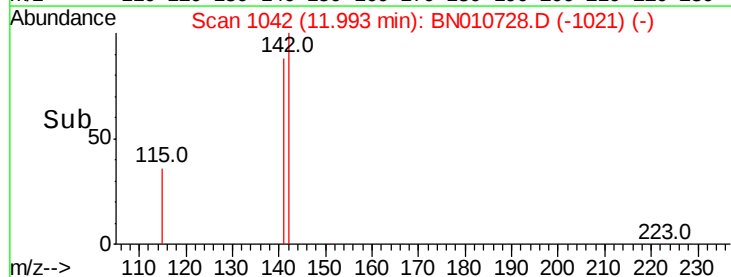
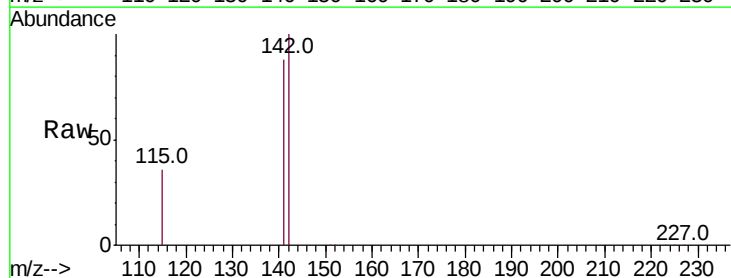
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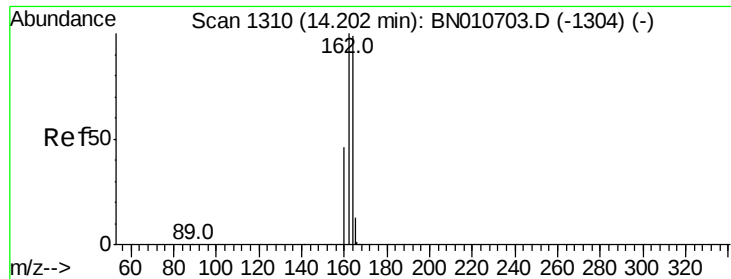
Tot Ion:152 Resp: 11
Ion Ratio Lower Upper
152 100
151 890.9 15.0 22.6#



#12
2-Methylnaphthalene
Concen: 32.051 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: 0.400 ng

RT: 14.19 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

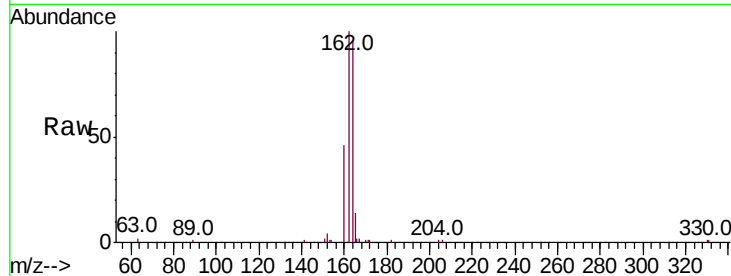
Tot Ion:164 Resp: 10588

Ion Ratio Lower Upper

164 100

162 104.5 81.1 121.7

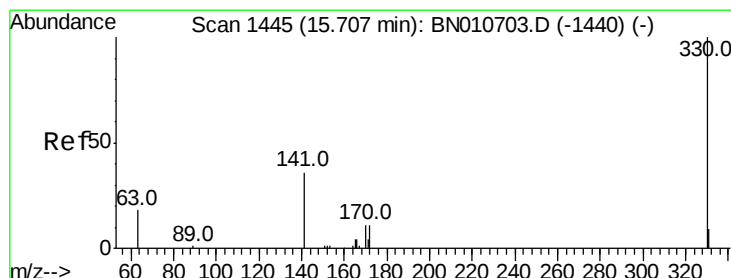
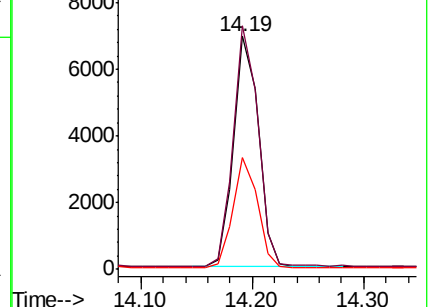
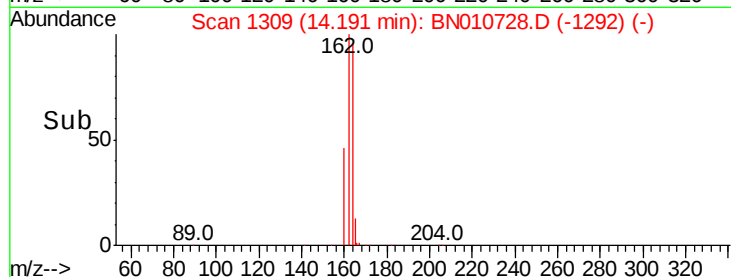
160 47.9 37.9 56.9



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: 202.948 ng

RT: 15.70 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

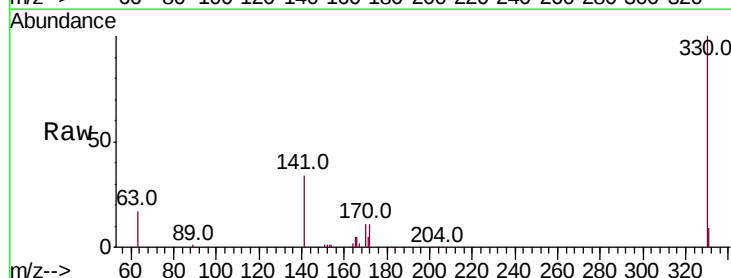
Tgt Ion:330 Resp: 779197

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

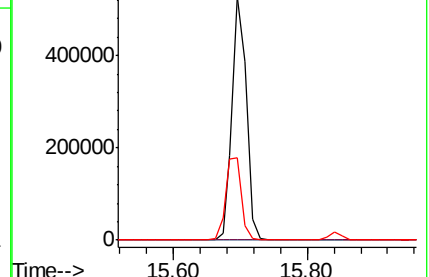
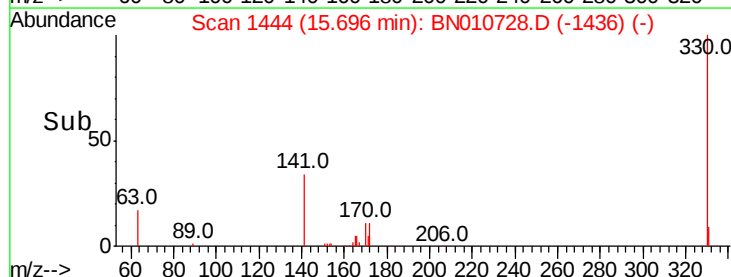
141 37.9 28.8 43.2

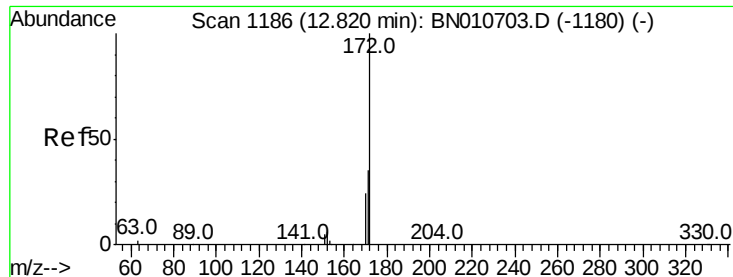


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



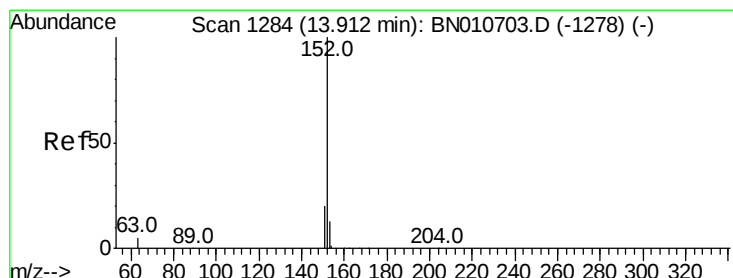
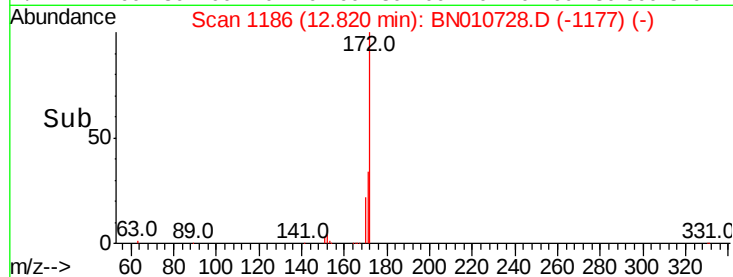
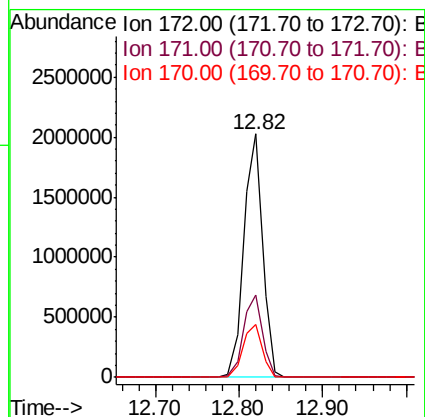
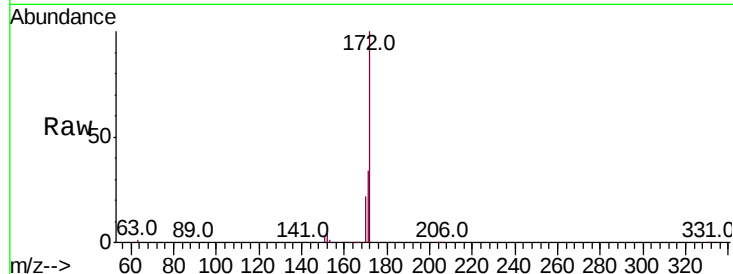


#15
 2-Fluorobiphenyl
 Concen: 80.701 ng
 RT: 12.82 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BN010728.D
 Acq: 15 May 2020 13:11

Instrument :
 BNA_N
 ClientSampleId :
 PT-BNA-SOIL

Tot Ion:172 Resp: 3134875

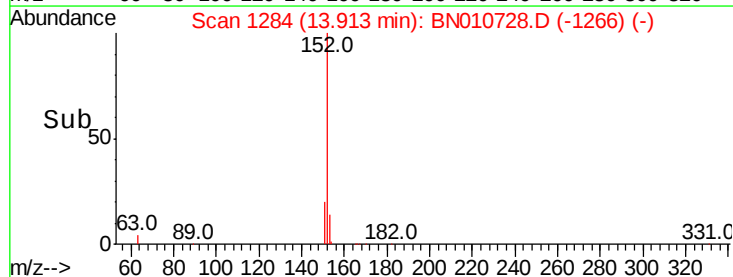
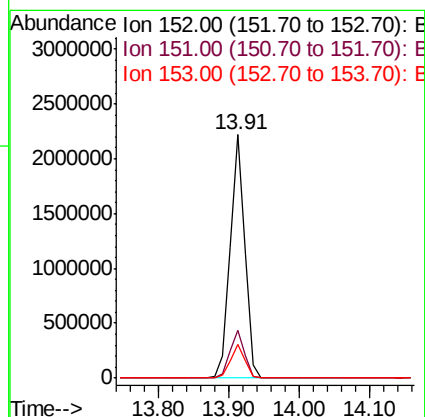
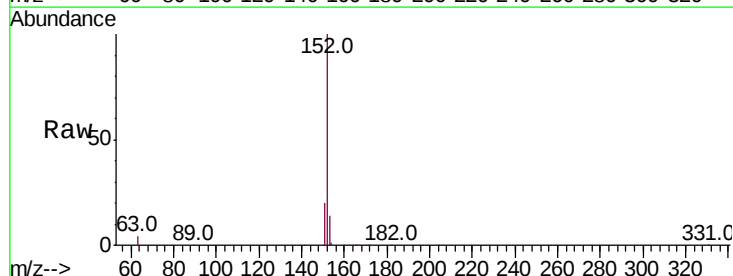
Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.6	42.8
170	21.7	19.8	29.8

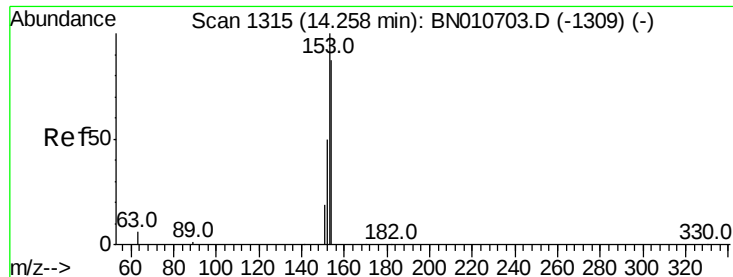


#16
 Acenaphthylene
 Concen: 75.562 ng
 RT: 13.91 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BN010728.D
 Acq: 15 May 2020 13:11

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: 31.089 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

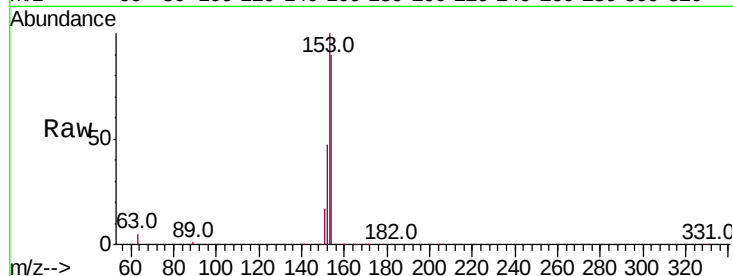
Tot Ion:154 Resp: 908446

Ion Ratio Lower Upper

154 100

153 111.6 91.5 137.3

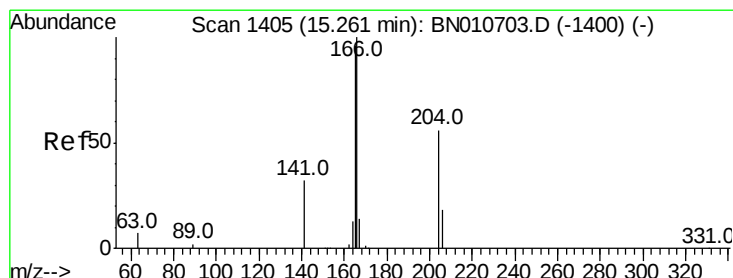
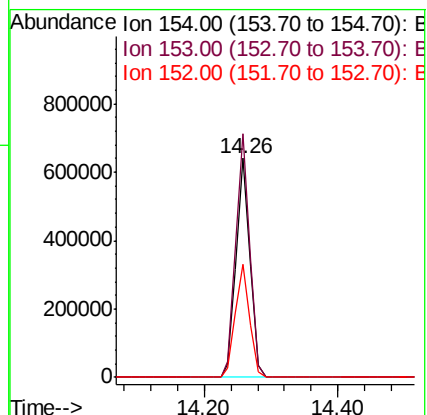
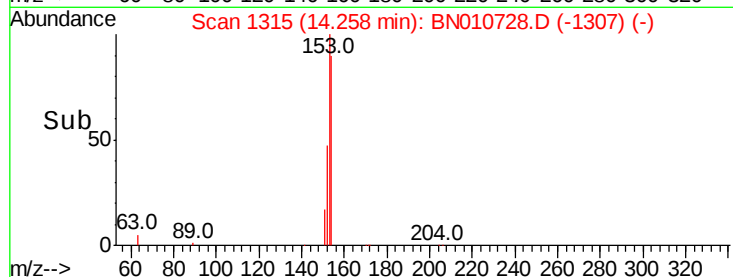
152 52.5 45.6 68.4



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



#18

Fluorene

Concen: 0.064 ng

RT: 15.25 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

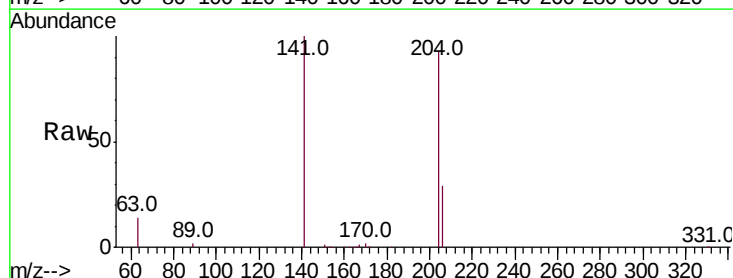
Tgt Ion:166 Resp: 2446

Ion Ratio Lower Upper

166 100

165 157.0 77.9 116.9#

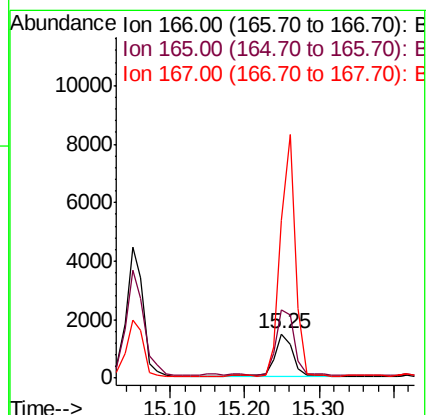
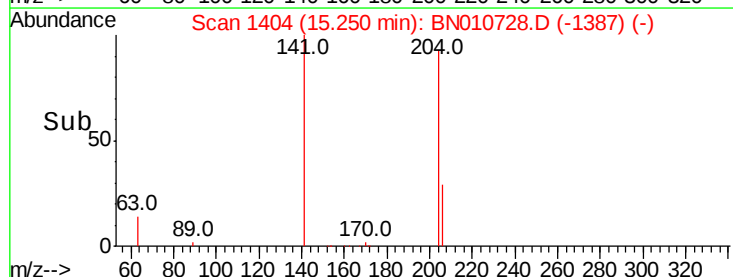
167 467.0 11.0 16.4#

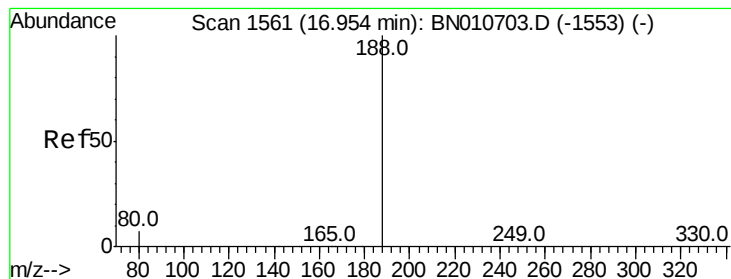


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

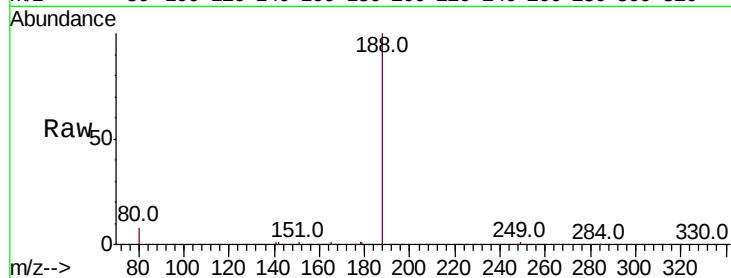
Tot Ion:188 Resp: 24286

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

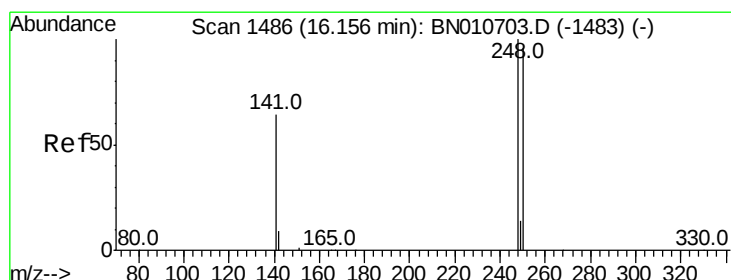
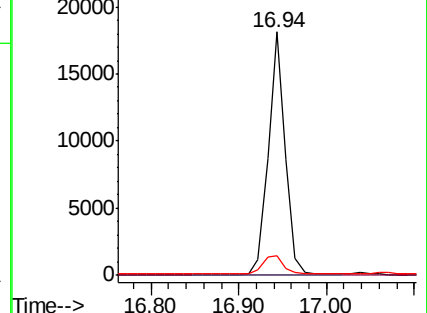
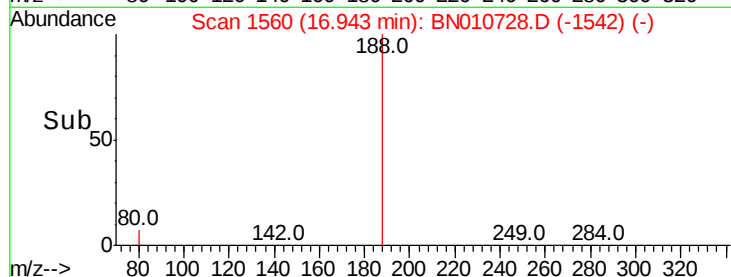
80 7.9 6.3 9.5



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: 133.014 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

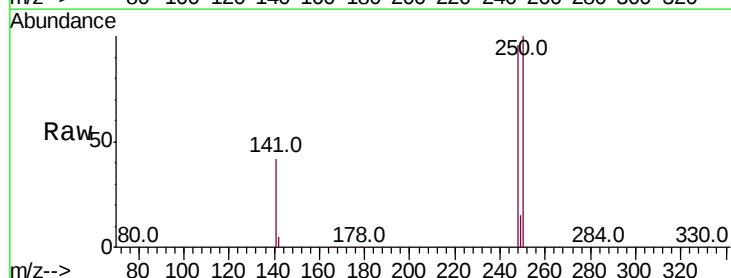
Tgt Ion:248 Resp: 1784162

Ion Ratio Lower Upper

248 100

250 104.5 77.4 116.0

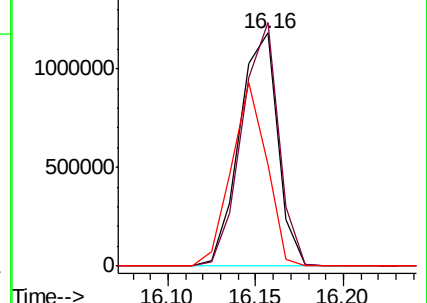
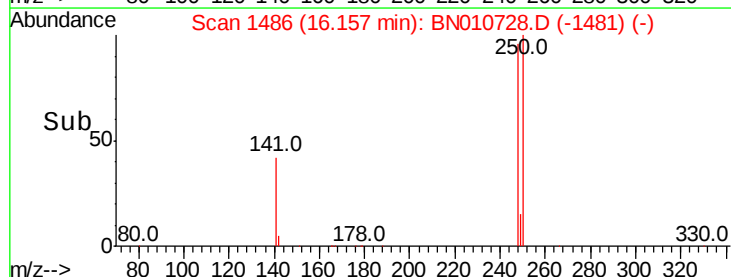
141 43.5 53.1 79.7#

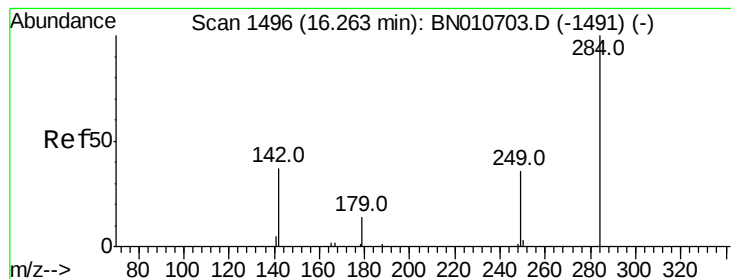


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.024 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN010728.D

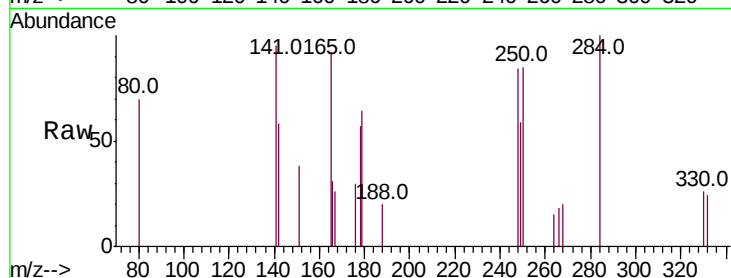
Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL



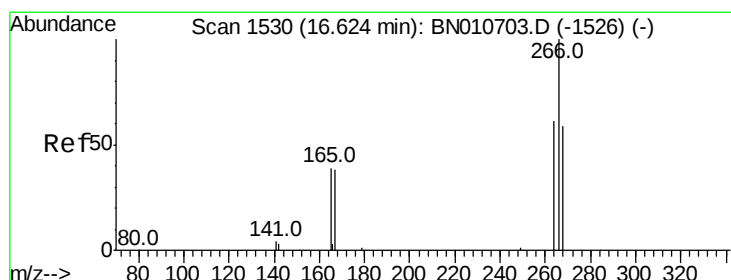
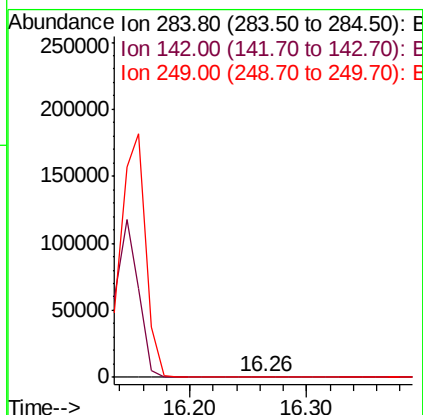
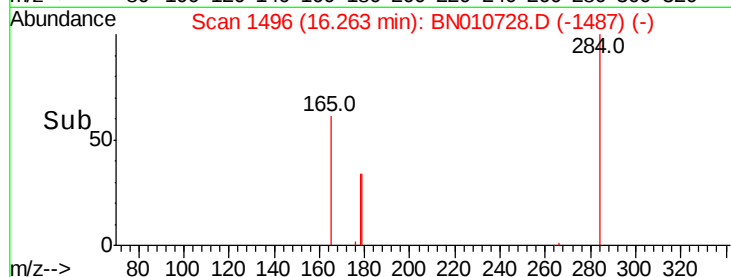
Tot Ion:284 Resp: 377

Ion Ratio Lower Upper

284 100

142 53.6 28.2 42.2#

249 0.0 26.4 39.6#



#22

Pentachlorophenol

Concen: 0.024 ng

RT: 16.61 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

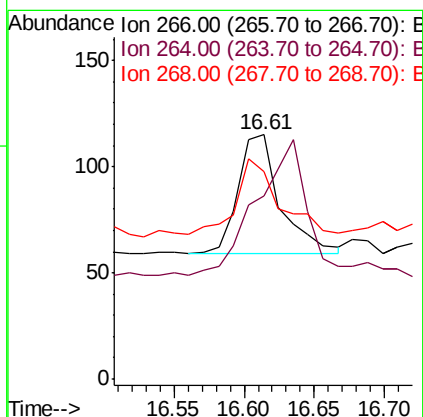
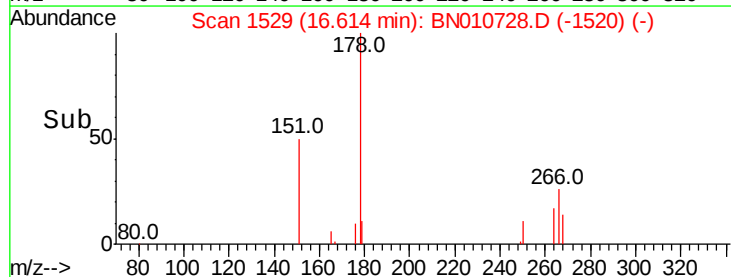
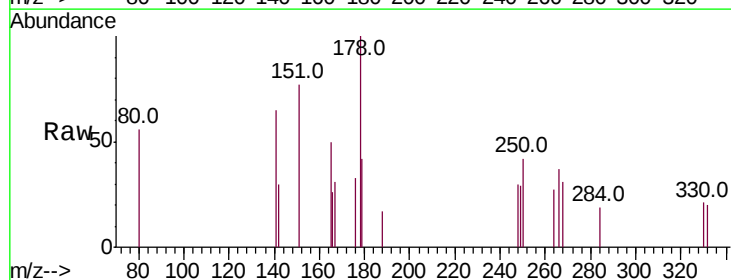
Tgt Ion:266 Resp: 119

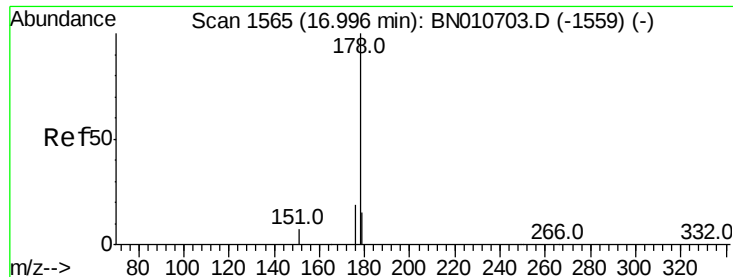
Ion Ratio Lower Upper

266 100

264 74.8 51.1 76.7

268 85.2 52.1 78.1#





#23

Phenanthrene

Concen: 0.711 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

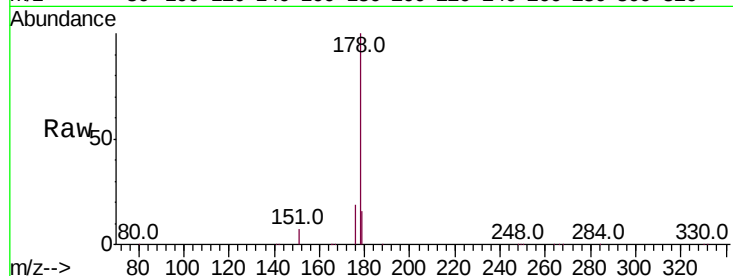
Tot Ion:178 Resp: 46306

Ion Ratio Lower Upper

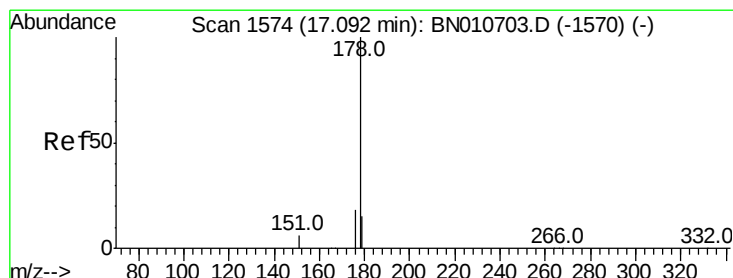
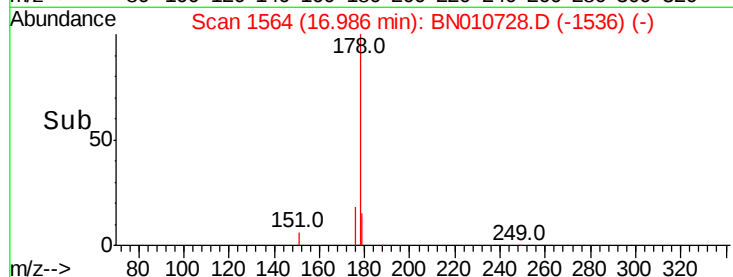
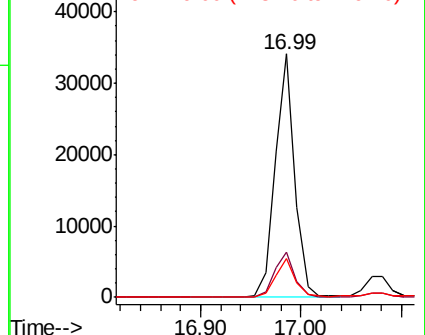
178 100

176 18.8 14.9 22.3

179 15.5 12.2 18.4



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: 0.083 ng

RT: 17.07 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

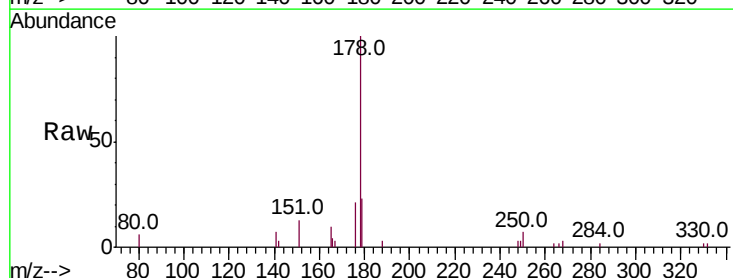
Tgt Ion:178 Resp: 4551

Ion Ratio Lower Upper

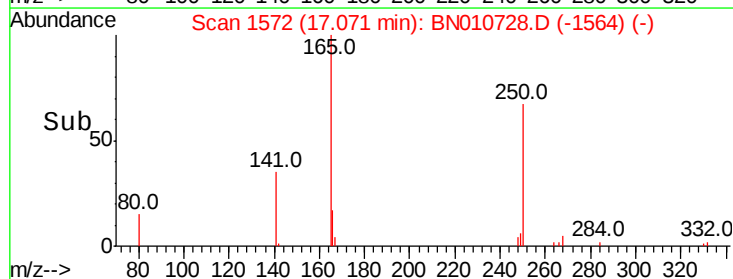
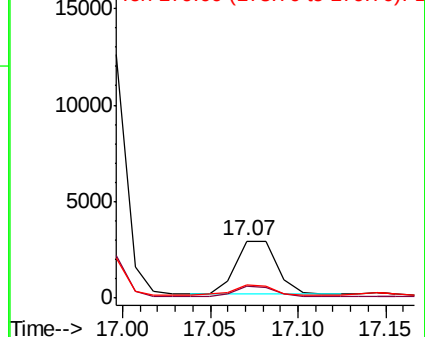
178 100

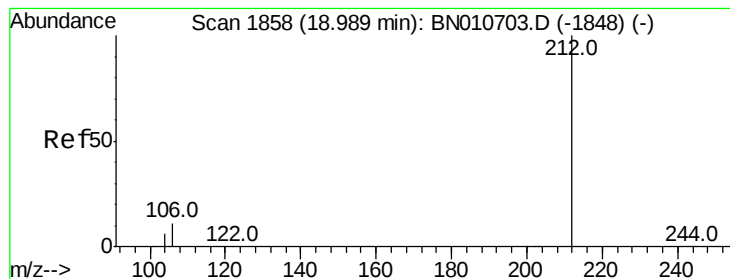
176 18.7 14.7 22.1

179 19.0 12.3 18.5#



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: 0.001 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

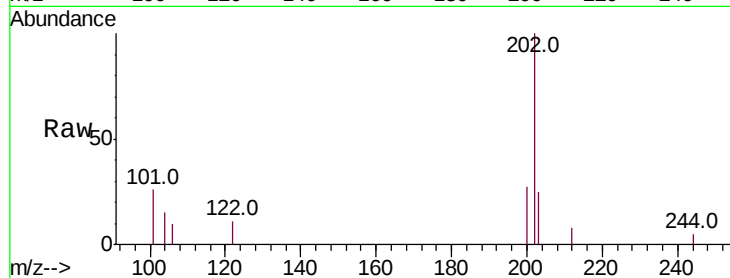
Tot Ion:212 Resp: 36

Ion Ratio Lower Upper

212 100

106 22.2 8.2 12.2#

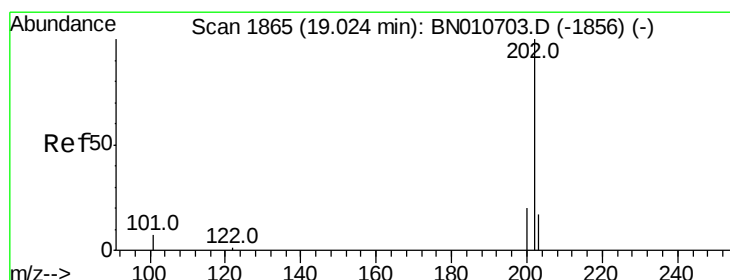
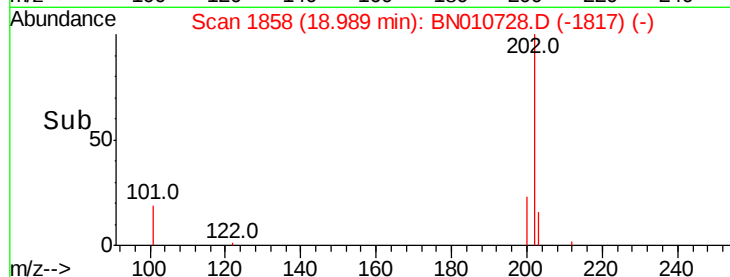
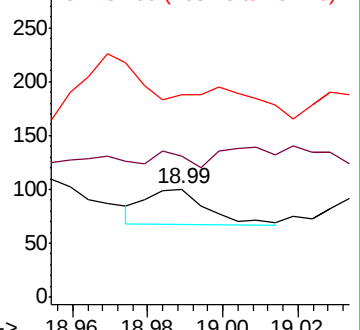
104 0.0 4.7 7.1#



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: 1.343 ng

RT: 19.01 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

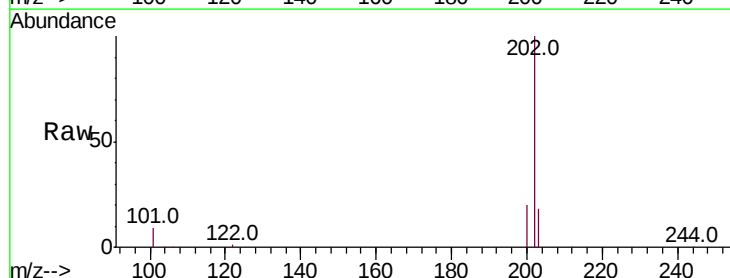
Tgt Ion:202 Resp: 99357

Ion Ratio Lower Upper

202 100

101 8.8 6.7 10.1

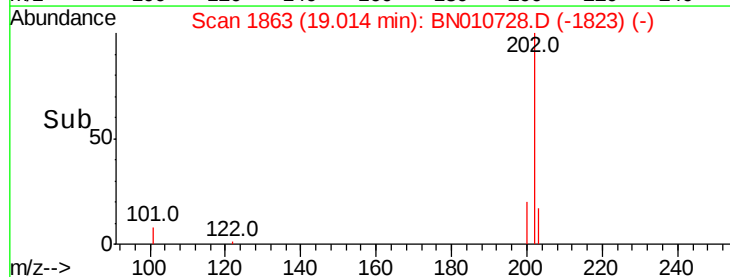
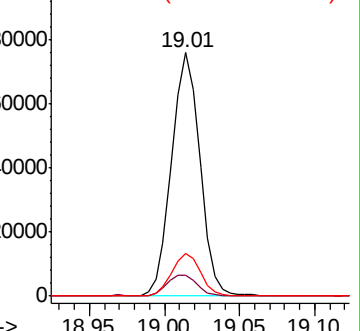
203 17.4 13.4 20.0

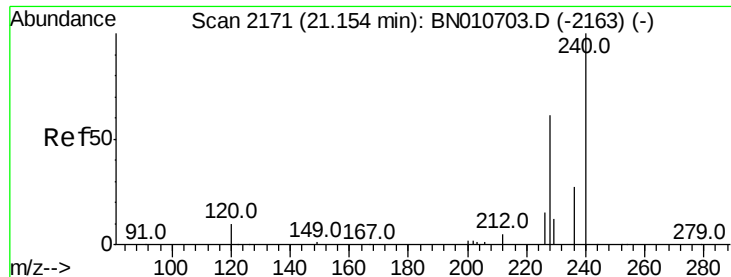


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

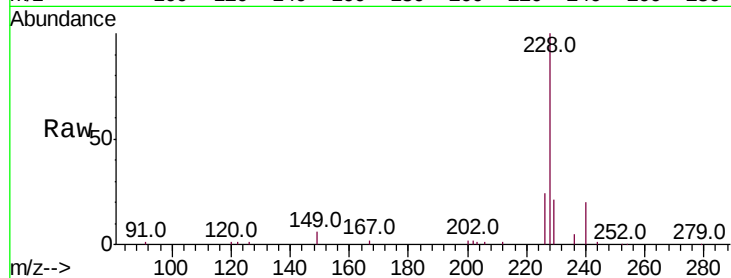
Tot Ion:240 Resp: 21371

Ion Ratio Lower Upper

240 100

120 6.0 9.5 14.3#

236 26.5 22.5 33.7

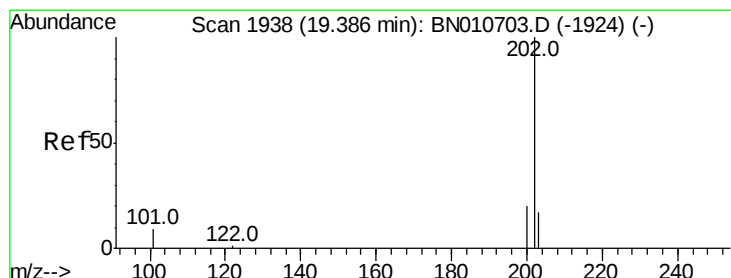
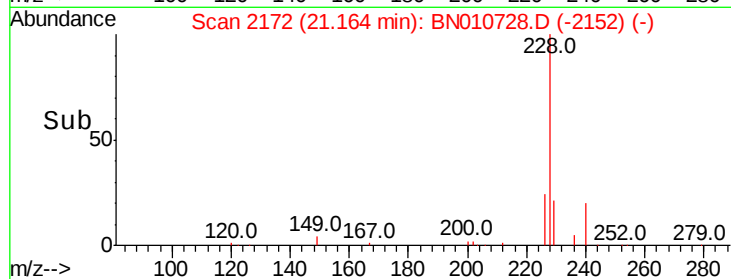
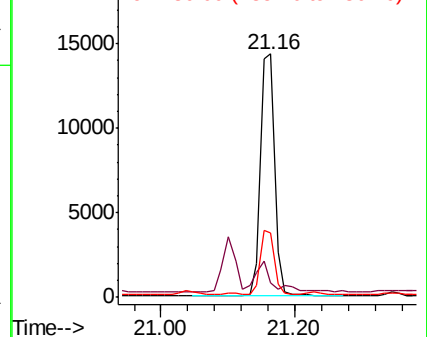


Abundance

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: 1.172 ng

RT: 19.38 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

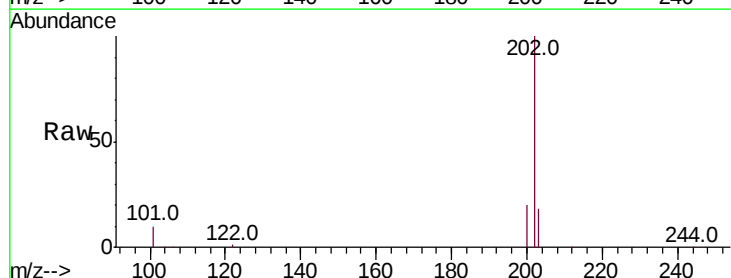
Tgt Ion:202 Resp: 89781

Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.4

203 22.1 14.1 21.1#

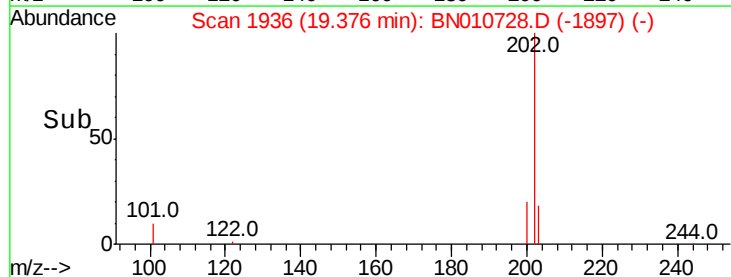
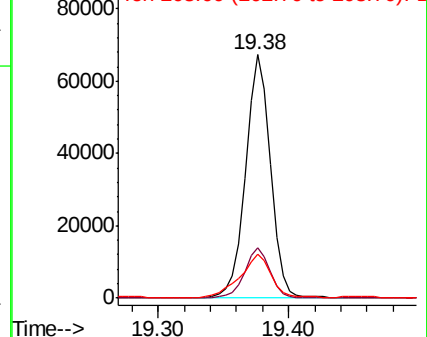


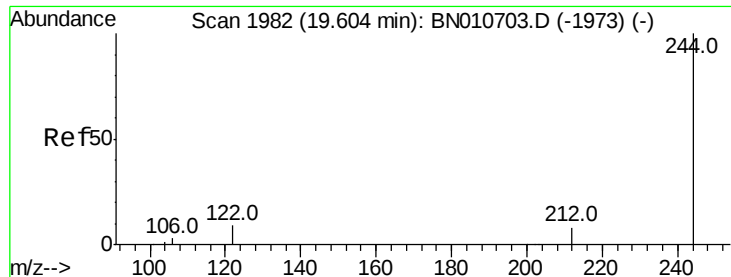
Abundance

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: 82.194 ng

RT: 19.60 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

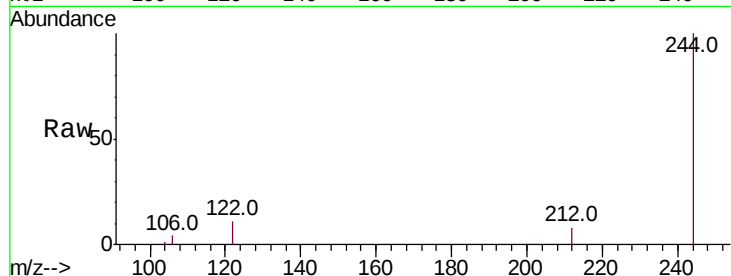
Tot Ion:244 Resp: 4167137

Ion Ratio Lower Upper

244 100

212 8.0 6.8 10.2

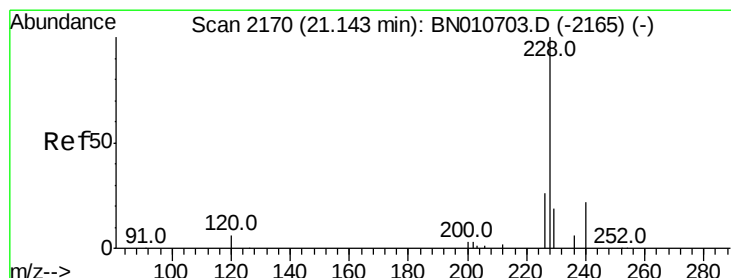
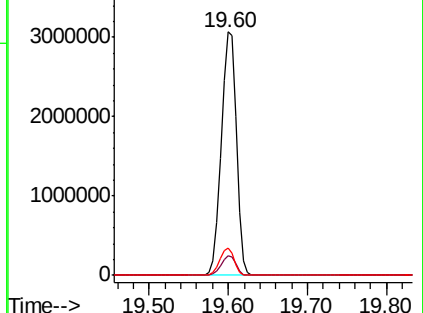
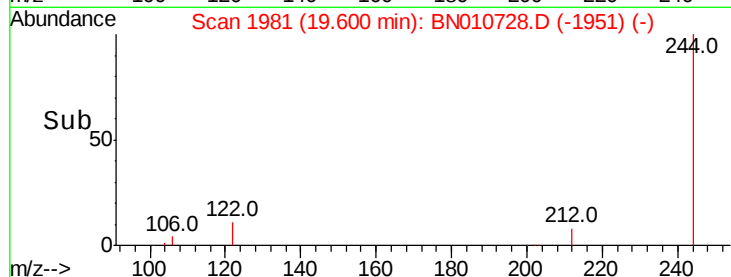
122 11.4 8.1 12.1



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: 46.956 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

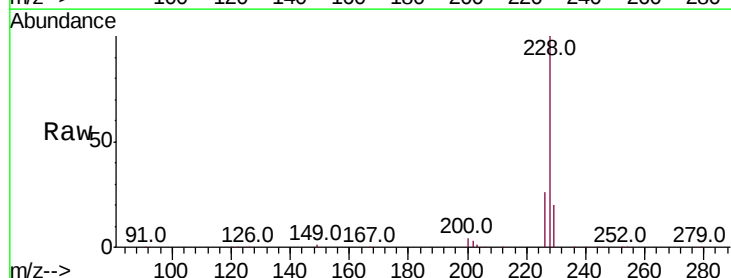
Tgt Ion:228 Resp: 2926971

Ion Ratio Lower Upper

228 100

226 26.3 21.3 31.9

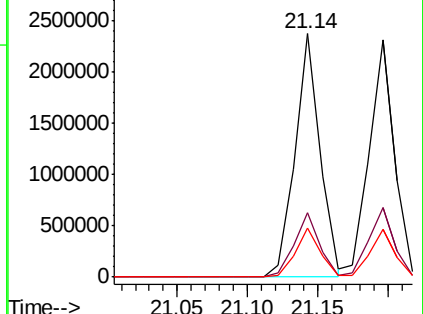
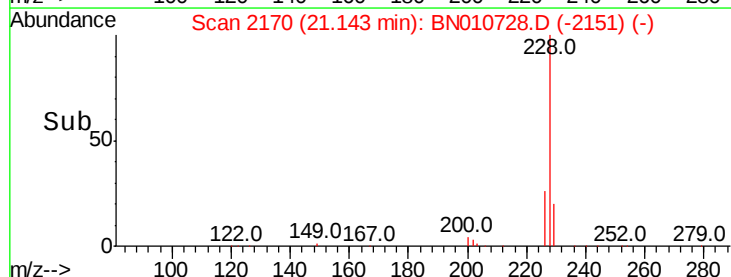
229 20.3 16.0 24.0

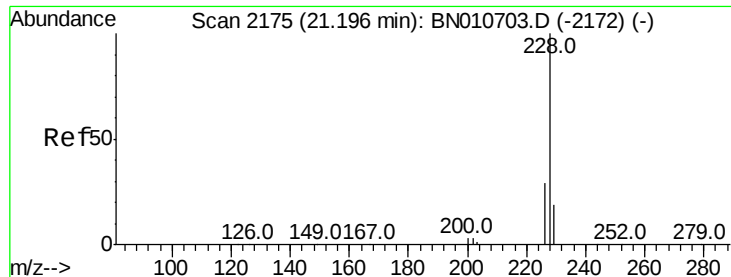


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



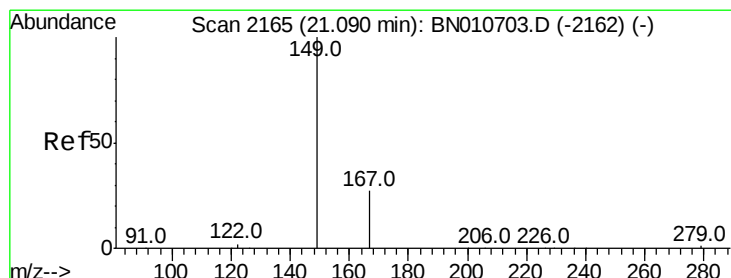
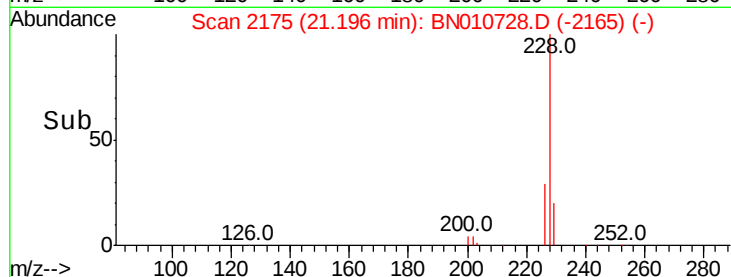
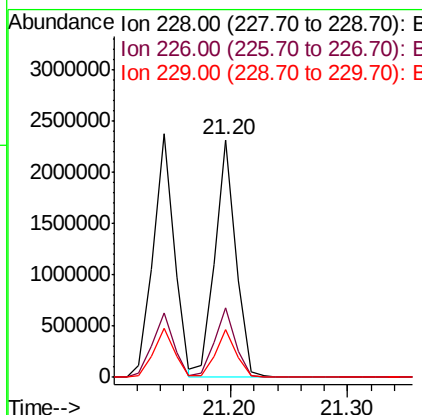
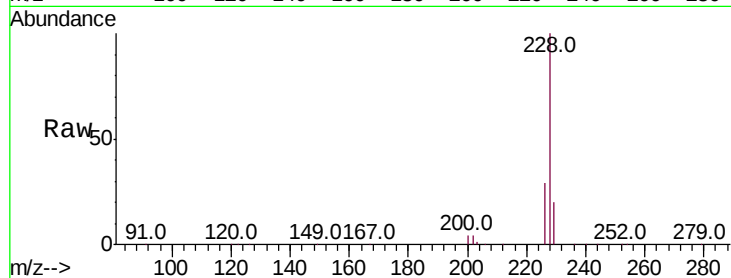


#31
 Chrysene
 Concen: 40.878 ng
 RT: 21.20 min Scan# 2175
 Delta R.T. 0.01 min
 Lab File: BN010728.D
 Acq: 15 May 2020 13:11

Instrument :
 BNA_N
 ClientSampleId :
 PT-BNA-SOIL

Tot Ion:228 Resp: 2884855

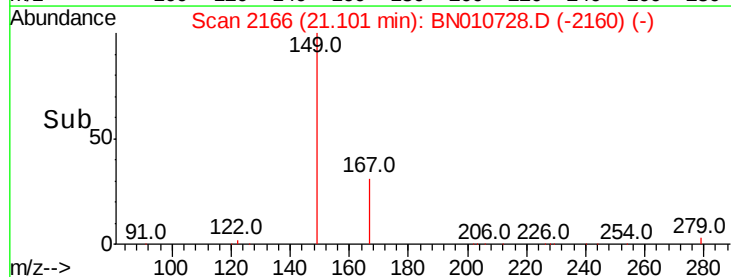
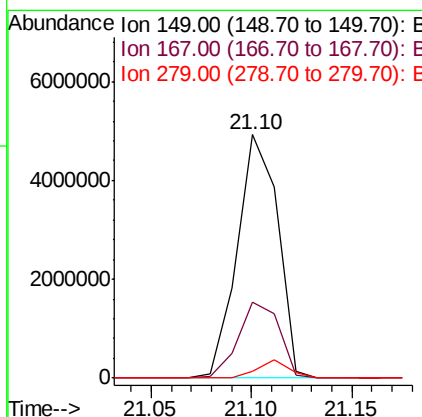
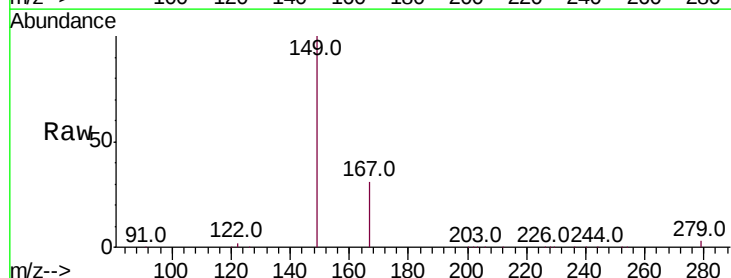
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.0
229	20.3	16.1	24.1

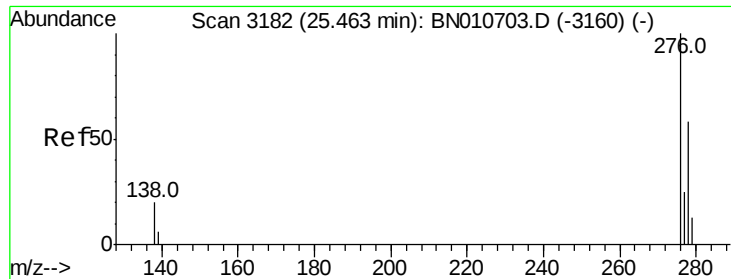


#32
 Bis(2-ethylhexyl)phthalate
 Concen: 254.217 ng
 RT: 21.10 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: BN010728.D
 Acq: 15 May 2020 13:11

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





#33

Indeno(1,2,3-cd)pyrene

Concen: 64.483 ng

RT: 25.46 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

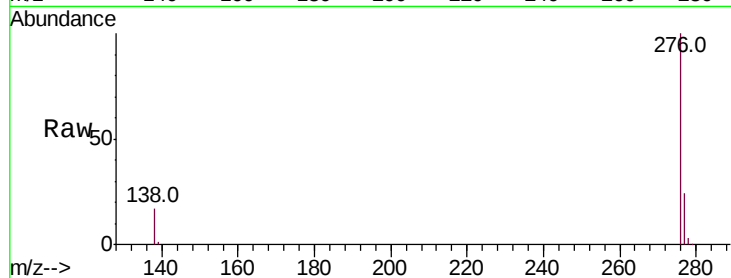
Tot Ion:276 Resp: 4047560

Ion Ratio Lower Upper

276 100

138 17.6 15.1 22.7

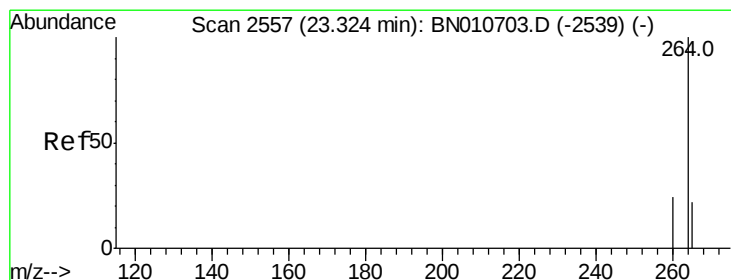
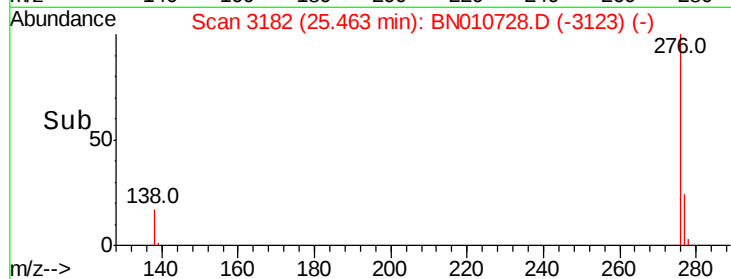
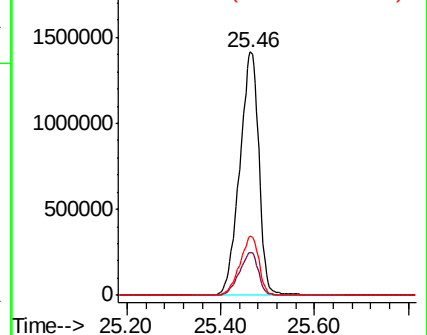
277 24.1 19.4 29.0



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: 0.400 ng

RT: 23.32 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

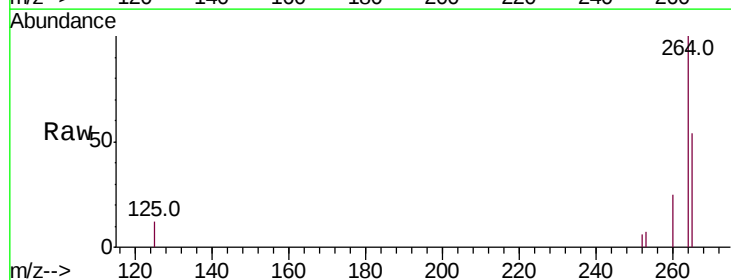
Tgt Ion:264 Resp: 22270

Ion Ratio Lower Upper

264 100

260 25.1 19.6 29.4

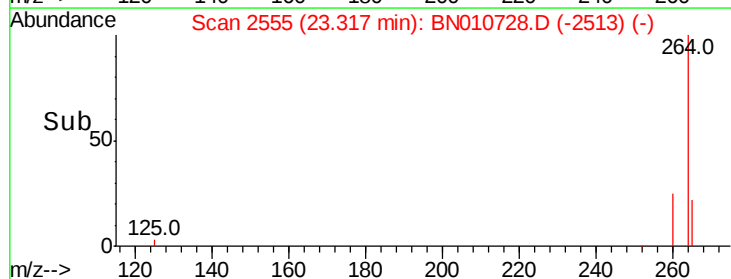
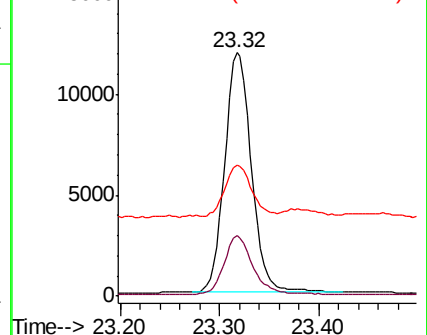
265 53.8 70.1 105.1#

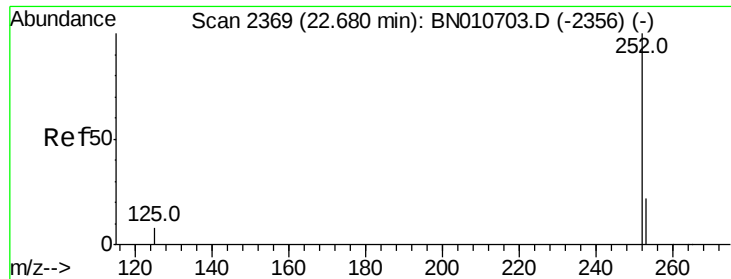


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.623 ng

RT: 22.68 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

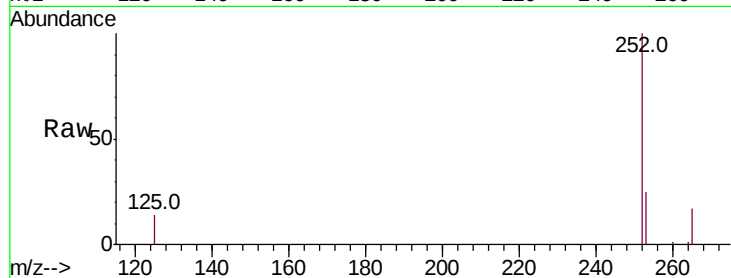
Tot Ion:252 Resp: 45835

Ion Ratio Lower Upper

252 100

253 25.3 22.0 33.0

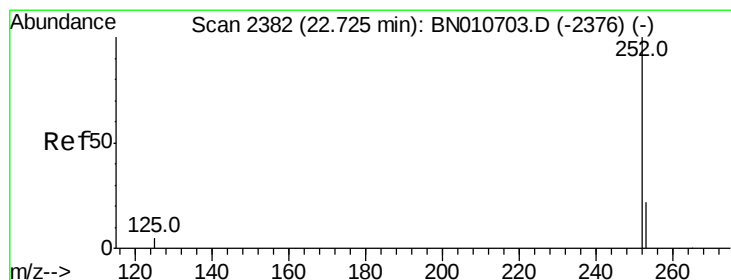
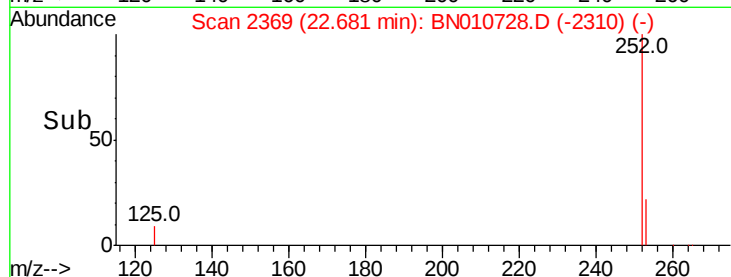
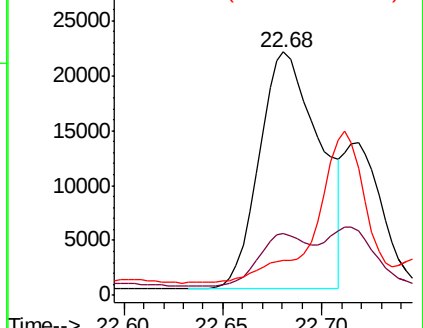
125 14.2 10.8 16.2



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: 0.578 ng

RT: 22.68 min Scan# 2369

Delta R.T. -0.04 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

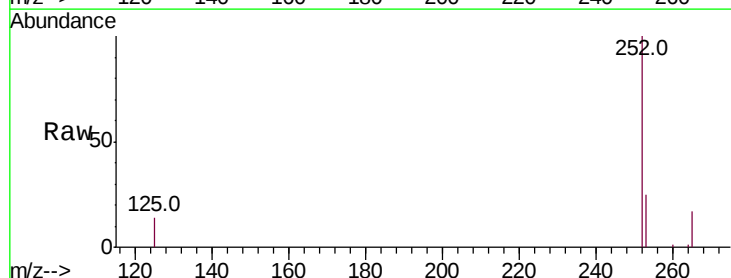
Tgt Ion:252 Resp: 45835

Ion Ratio Lower Upper

252 100

253 25.3 21.9 32.9

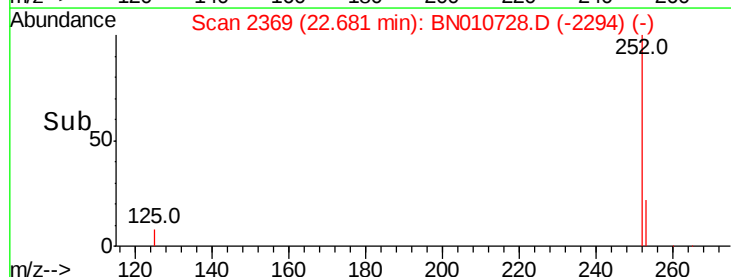
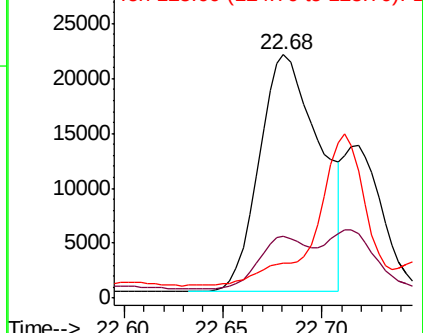
125 14.2 11.1 16.7

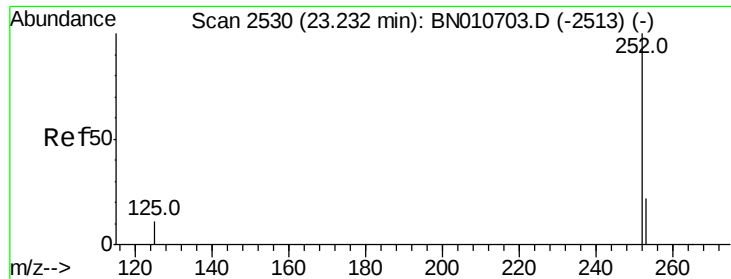


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.463 ng

RT: 23.22 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

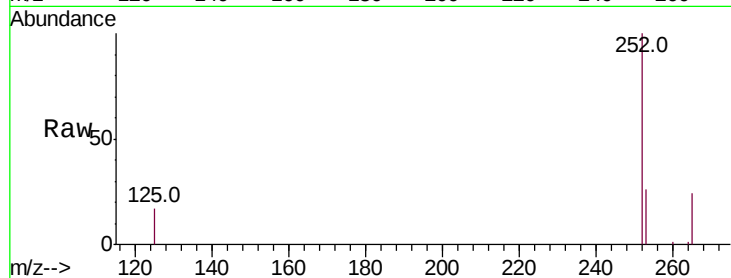
Tot Ion:252 Resp: 29493

Ion Ratio Lower Upper

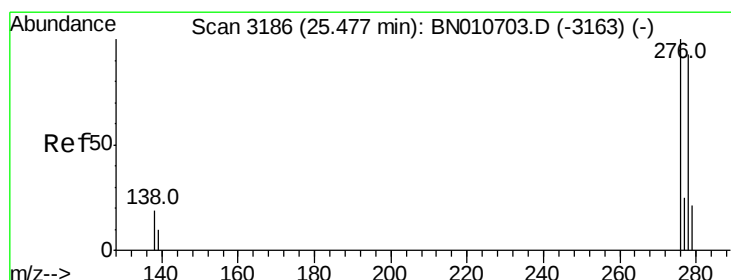
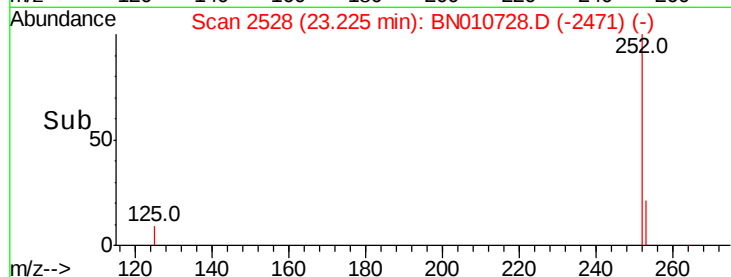
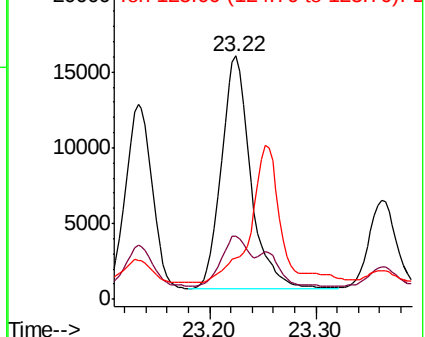
252 100

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



#38

Dibenzo(a,h)anthracene

Concen: 2.139 ng

RT: 25.46 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BN010728.D

Acq: 15 May 2020 13:11

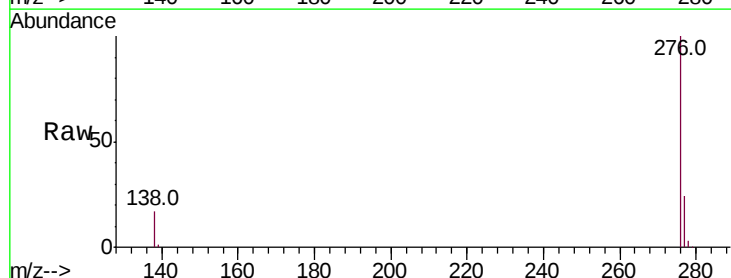
Tgt Ion:278 Resp: 116463

Ion Ratio Lower Upper

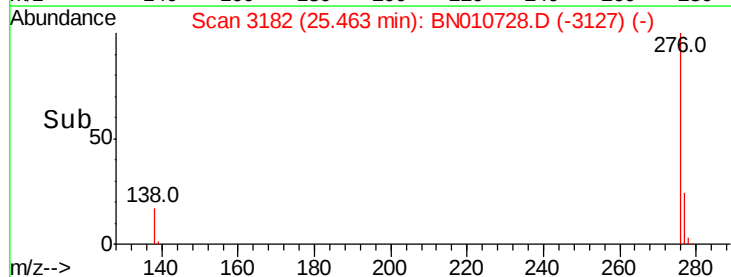
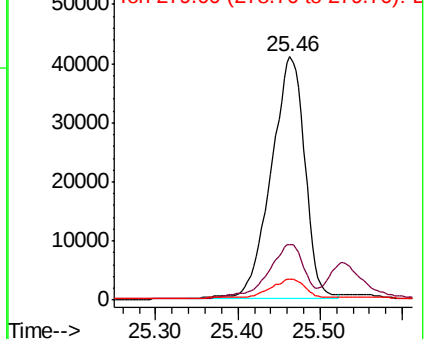
278 100

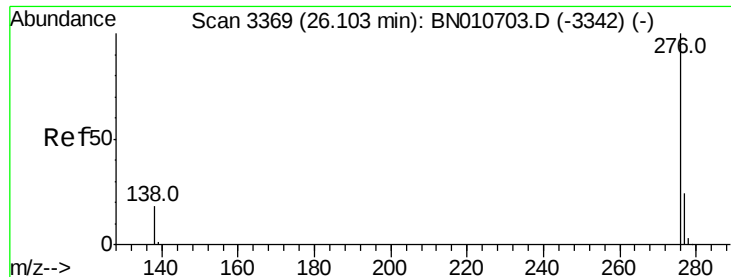
139 23.0 13.0 19.4#

279 8.7 25.1 37.7#



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(a,h,i)perylene

Concen: 43.024 ng

RT: 26.11 min Scan# 3371

Delta R.T. 0.01 min

Lab File: BN010728.D

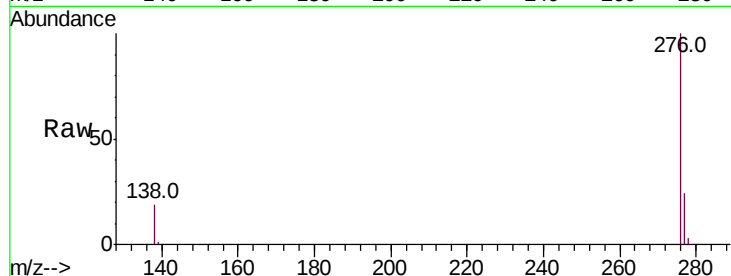
Acq: 15 May 2020 13:11

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL



Tot Ion:276 Resp: 2747030

Ion Ratio Lower Upper

276 100

277 23.9 20.6 30.8

138 19.2 16.0 24.0

