

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051420\
 Data File : BN010712.D
 Acq On : 14 May 2020 14:18
 Operator : CG/JU
 Sample : L2447-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOIL

Quant Time: May 14 16:58:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:56:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3130	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	12145	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	7485	0.40	ng	0.00
19) Phenanthrene-d10	16.94	188	16573	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	16338	0.40	ng	0.00
34) Perylene-d12	23.31	264	16592	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	960	0.16	ng	0.00
5) Phenol-d6	6.78	99	1232	0.16	ng	0.00
8) Nitrobenzene-d5	8.72	82	1471	0.17	ng	0.01
11) 2-Methylnaphthalene-d10	11.92	152	3384	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.70	330	570	0.21	ng	-0.01
15) 2-Fluorobiphenyl	12.82	172	5106	0.19	ng	0.00
25) Fluoranthene-d10	18.98	212	14068	0.31	ng	0.00
29) Terphenyl-d14	19.59	244	11038	0.28	ng	0.00

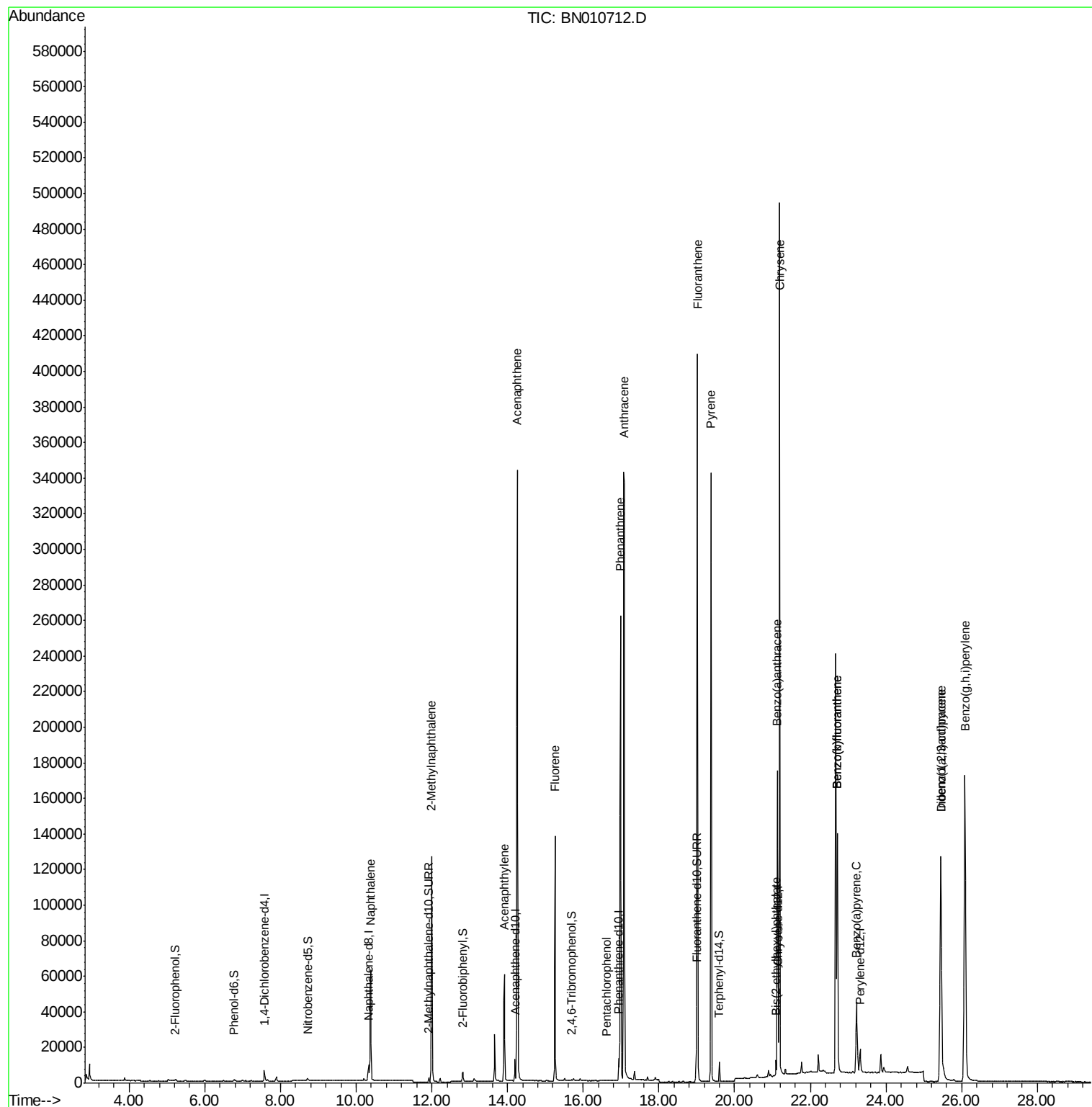
Target Compounds				Qvalue		
9) Naphthalene	10.38	128	87393	2.860	ng	98
12) 2-Methylnaphthalene	12.00	142	93469	4.341	ng	98
16) Acenaphthylene	13.91	152	72125	2.359	ng	100
17) Acenaphthene	14.26	154	173697	8.408	ng	99
18) Fluorene	15.25	166	87308	3.225	ng	100
22) Pentachlorophenol	16.61	266	90	0.027	ng	# 74
23) Phenanthrene	16.99	178	255290	5.744	ng	100
24) Anthracene	17.08	178	401794	10.756	ng	99
26) Fluoranthene	19.01	202	371345	7.353	ng	99
28) Pvrene	19.38	202	300933	5.138	ng	100
30) Benzo(a)anthracene	21.13	228	150848	3.165	ng	99
31) Chrysene	21.19	228	378280	7.011	ng	99
32) Bis(2-ethylhexyl)phthalate	21.09	149	7996	0.383	ng	97
33) Indeno(1,2,3-cd)pyrene	25.44	276	152652	3.181	ng	97
35) Benzo(b)fluoranthene	22.71	252	153766	2.804	ng	94
36) Benzo(k)fluoranthene	22.71	252	155312	2.629	ng	94
37) Benzo(a)pvrene	23.22	252	59731	1.258	ng	# 85
38) Dibenzo(a,h)anthracene	25.45	278	121810	3.003	ng	# 90
39) Benzo(g,h,i)perylene	26.09	276	357654	7.518	ng	97

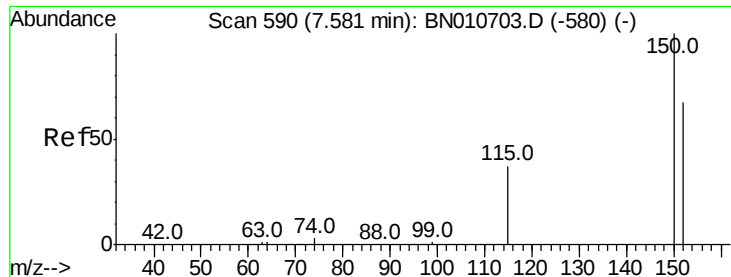
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

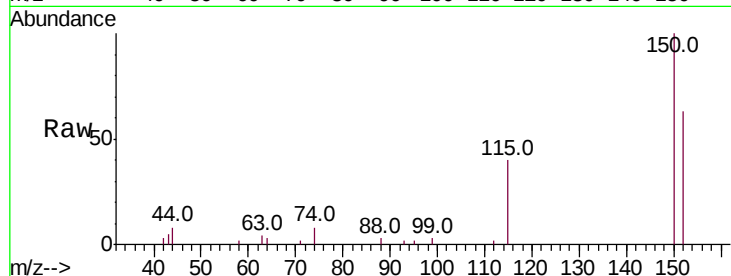
Tot Ion:152 Resp: 3130

Ion Ratio Lower Upper

152 100

150 158.5 119.4 179.0

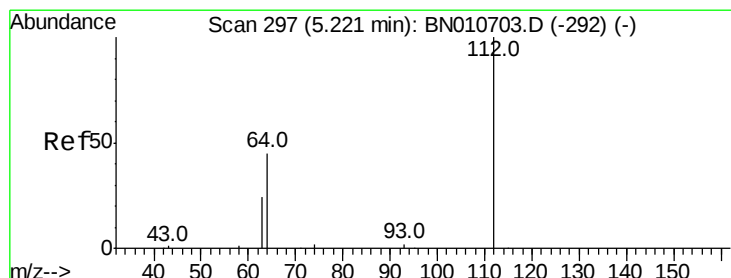
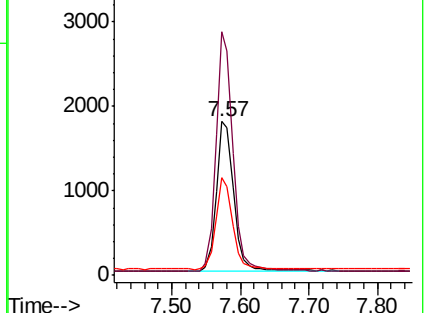
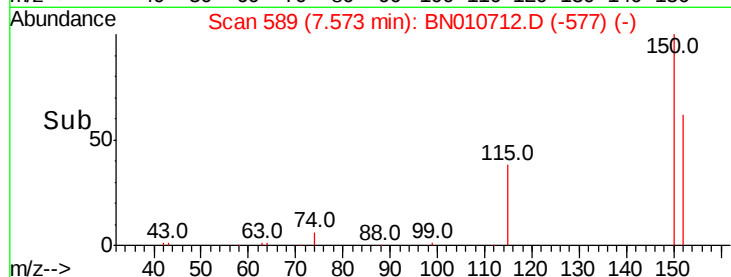
115 63.6 45.9 68.9



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: 0.157 ng

RT: 5.22 min Scan# 297

Delta R.T. 0.01 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

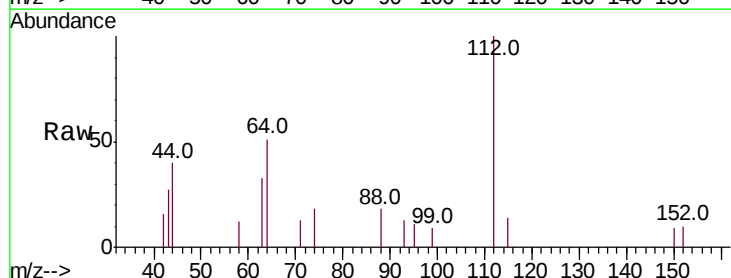
Tgt Ion:112 Resp: 960

Ion Ratio Lower Upper

112 100

64 46.0 36.2 54.4

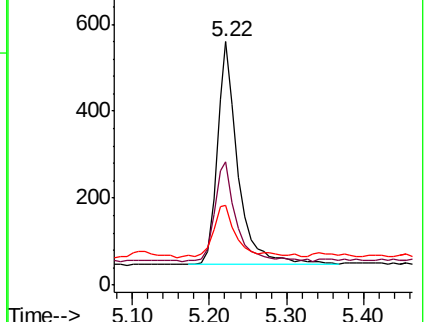
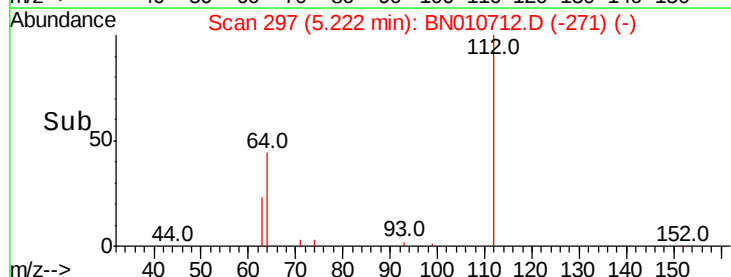
63 26.8 19.8 29.8

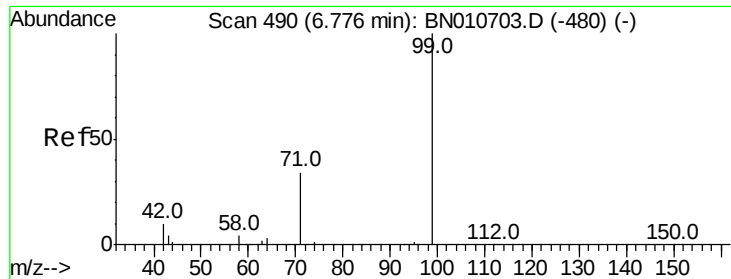


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.165 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.01 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

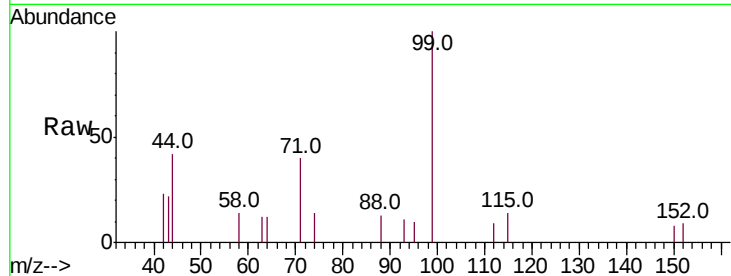
Tot Ion: 99 Resp: 1232

Ion Ratio Lower Upper

99 100

42 10.1 9.8 14.8

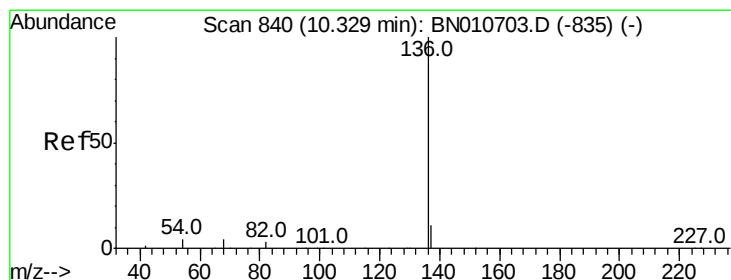
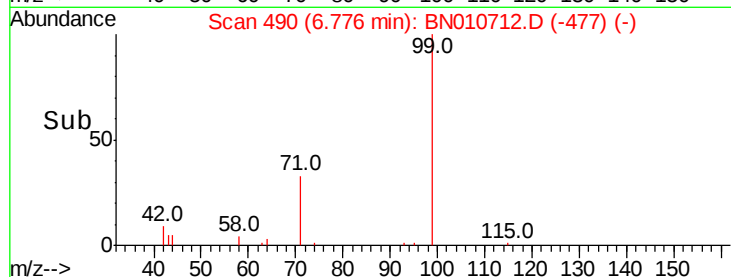
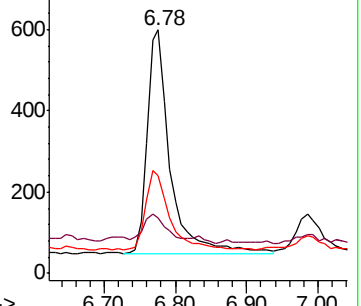
71 36.3 28.6 42.8



Abundance Ion 99.00 (98.70 to 99.70): BN010712.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN010712.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN010712.D (-477) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Tgt Ion: 136 Resp: 12145

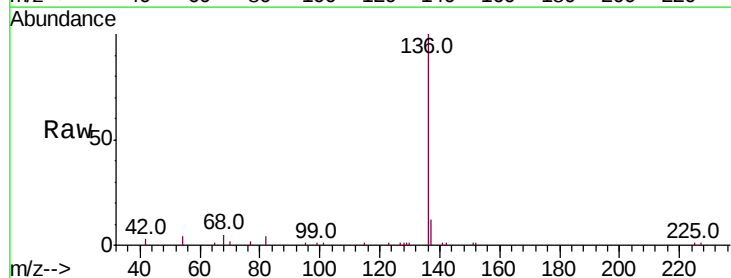
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 3.8 3.6 5.4

68 4.5 4.1 6.1

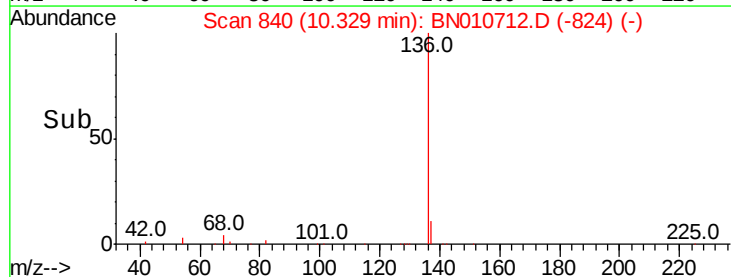
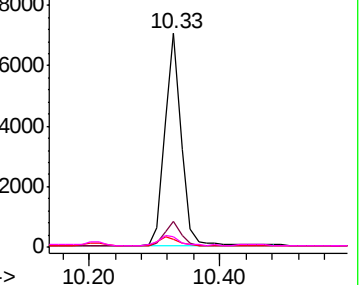


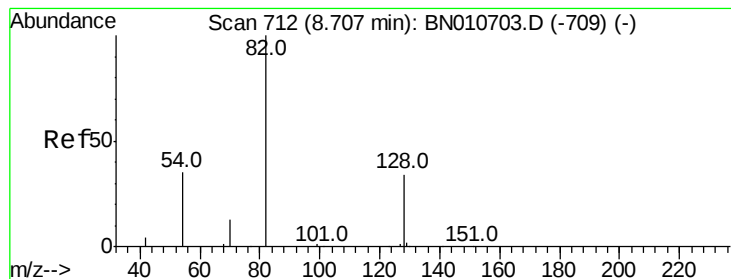
Abundance Ion 136.00 (135.70 to 136.70): BN010712.D (-824) (-)

Ion 137.00 (136.70 to 137.70): BN010712.D (-824) (-)

Ion 54.00 (53.70 to 54.70): BN010712.D (-824) (-)

Ion 68.00 (67.70 to 68.70): BN010712.D (-824) (-)





#8

Nitrobenzene-d5

Concen: 0.174 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.01 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

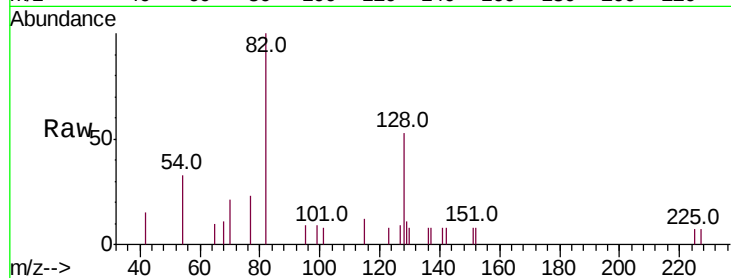
Tot Ion: 82 Resp: 1471

Ion Ratio Lower Upper

82 100

128 52.6 29.0 43.4#

54 33.1 29.3 43.9



Abundance Ion 82.00 (81.70 to 82.70): BN010712.D (-709) (-)

Ion 128.00 (127.70 to 128.70): BN010712.D (-709) (-)

Ion 54.00 (53.70 to 54.70): BN010712.D (-709) (-)

8.72

600

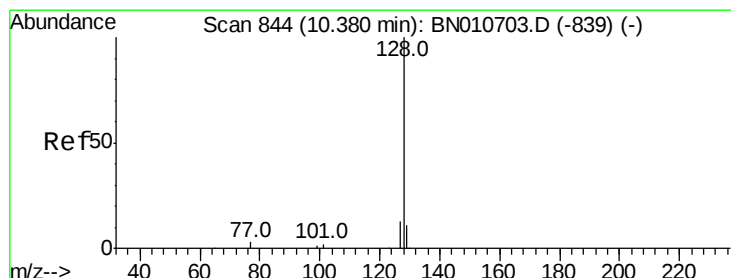
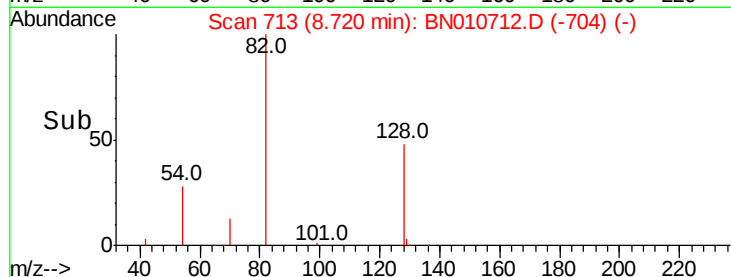
400

200

0

8.60 8.70 8.80 8.90

Time-->



#9

Naphthalene

Concen: 2.860 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.01 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

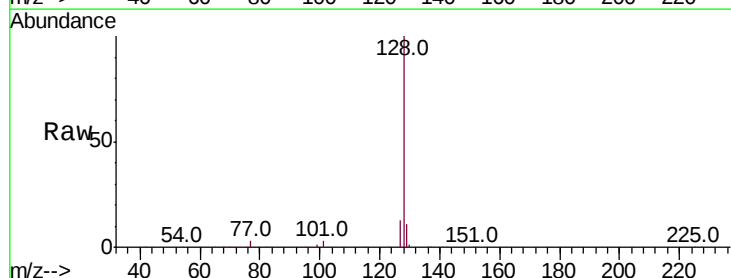
Tgt Ion: 128 Resp: 87393

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

127 13.0 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): BN010712.D (-835) (-)

Ion 129.00 (128.70 to 129.70): BN010712.D (-835) (-)

Ion 127.00 (126.70 to 127.70): BN010712.D (-835) (-)

10.38

60000

50000

40000

30000

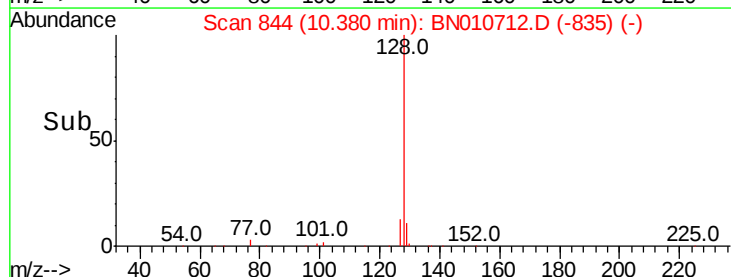
20000

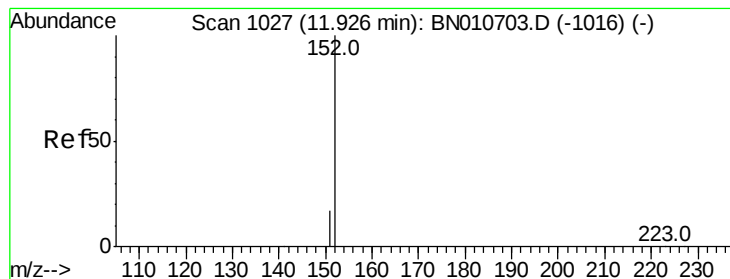
10000

0

10.20 10.30 10.40 10.50

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.171 ng

RT: 11.92 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

BNA_N

ClientSampled :

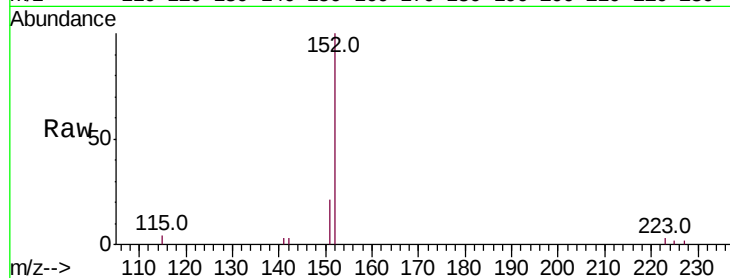
PT-PAH-SOIL

Tot Ion:152 Resp: 3384

Ion Ratio Lower Upper

152 100

151 20.8 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

1500

1000

500

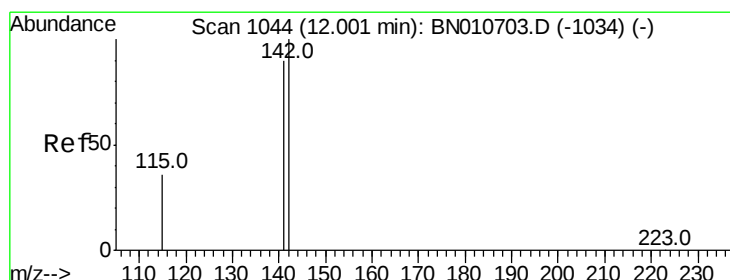
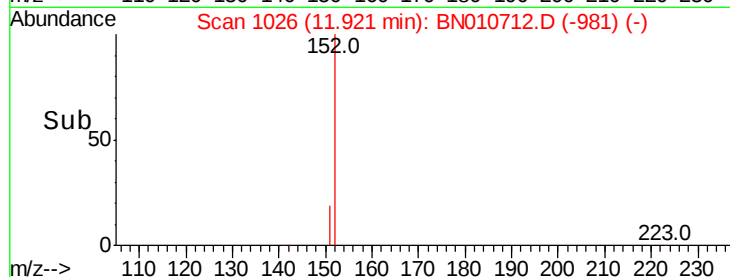
0

11.90

11.92

12.00

Time-->



#12

2-Methylnaphthalene

Concen: 4.341 ng

RT: 12.00 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

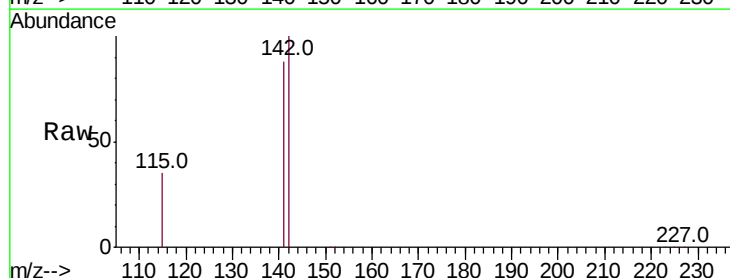
Tgt Ion:142 Resp: 93469

Ion Ratio Lower Upper

142 100

141 87.7 71.7 107.5

115 35.3 29.8 44.6



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

60000

40000

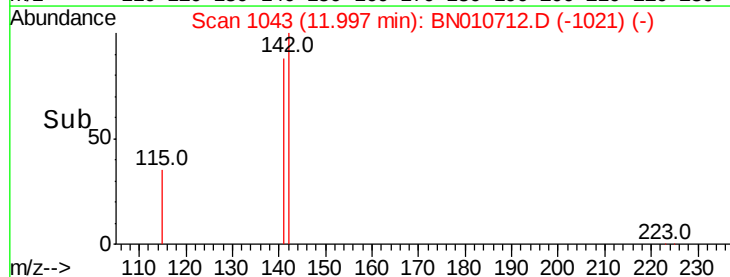
20000

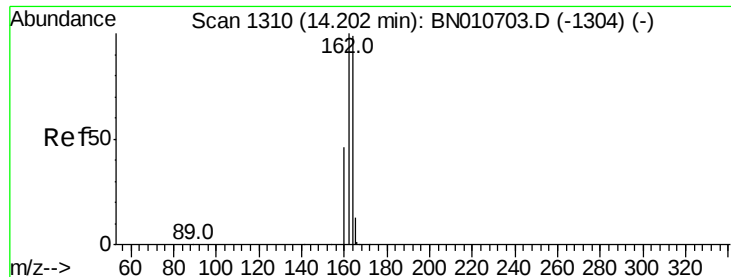
0

12.00

12.20

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

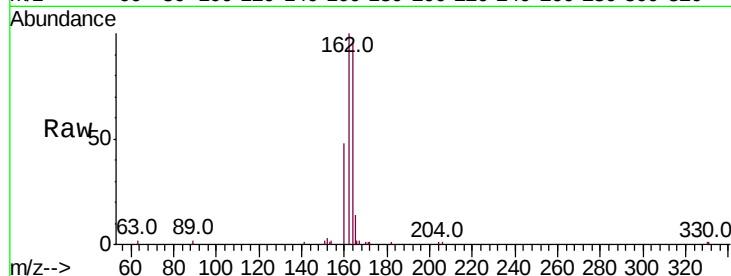
Tot Ion:164 Resp: 7485

Ion Ratio Lower Upper

164 100

162 103.9 81.1 121.7

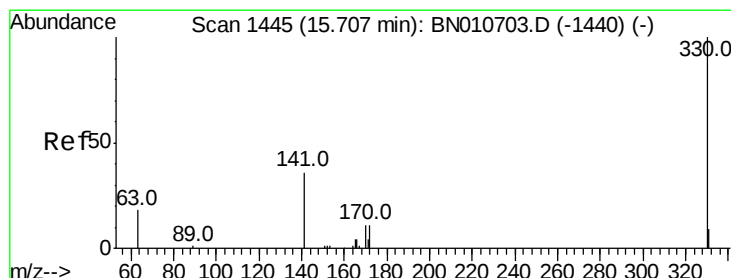
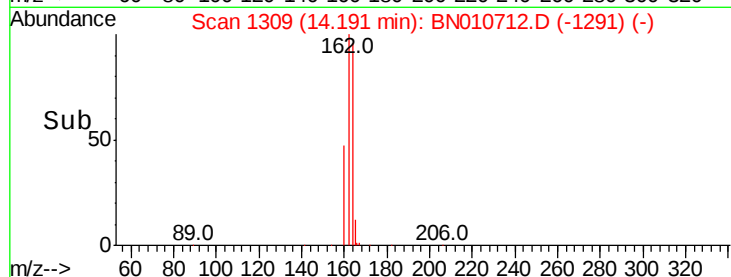
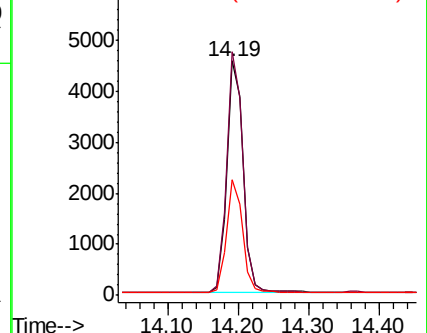
160 49.5 37.9 56.9



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: 0.210 ng

RT: 15.70 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

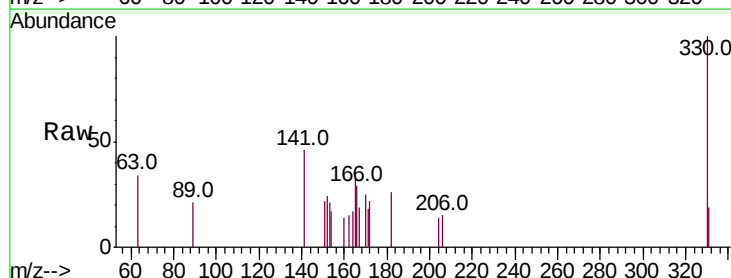
Tgt Ion:330 Resp: 570

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

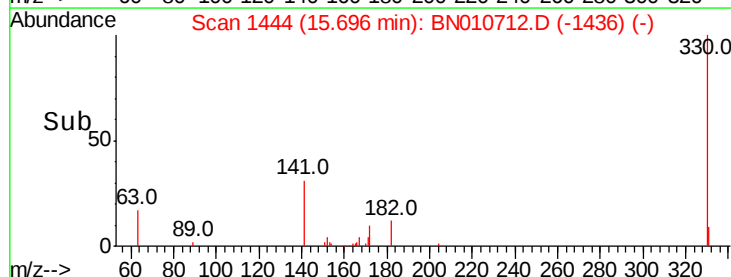
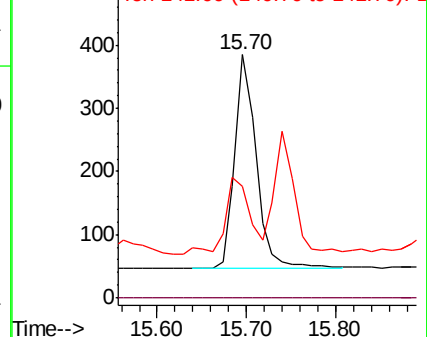
141 40.9 28.8 43.2

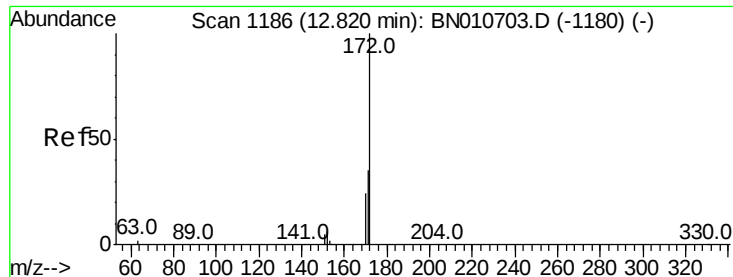


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.186 ng

RT: 12.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

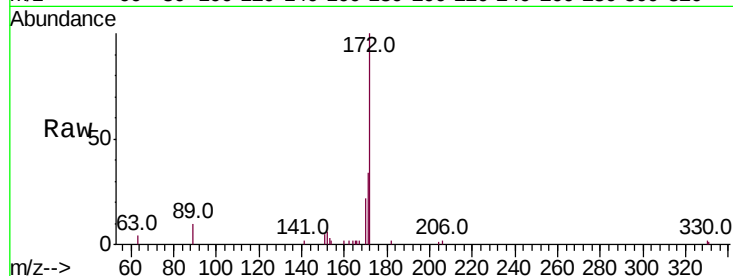
BNA_N

ClientSampleId :

PT-PAH-SOIL

Tot Ion:172 Resp: 5106

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.6	42.8
170	22.0	19.8	29.8

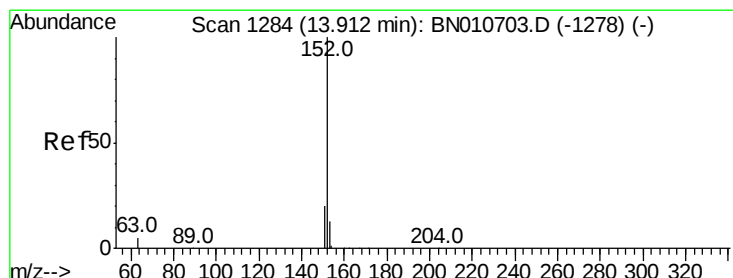
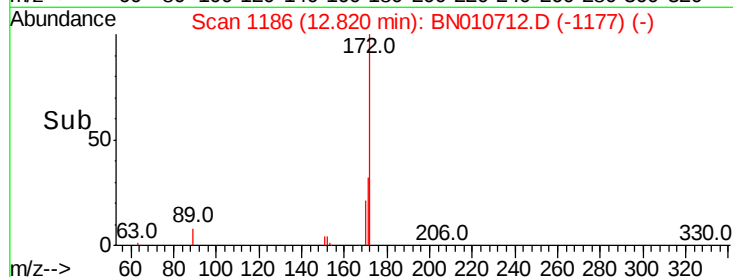
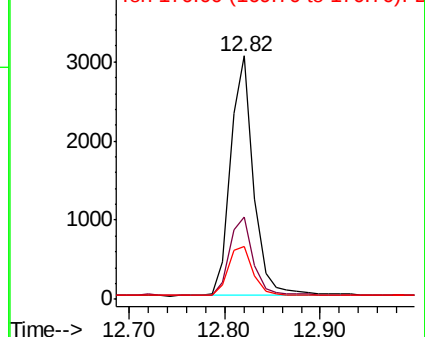


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 2.359 ng

RT: 13.91 min Scan# 1284

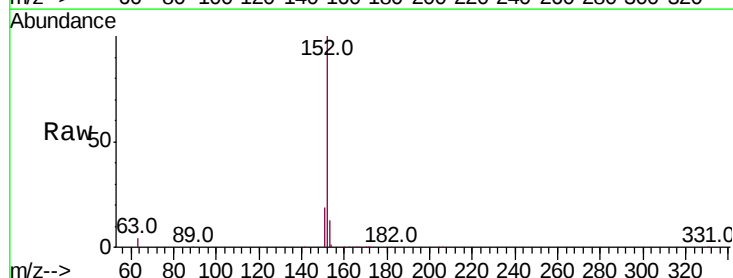
Delta R.T. -0.00 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Tgt Ion:152 Resp: 72125

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.2	10.4	15.6

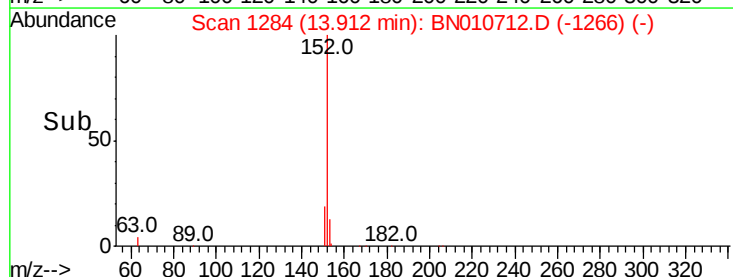
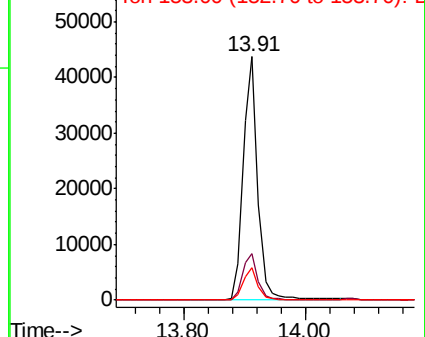


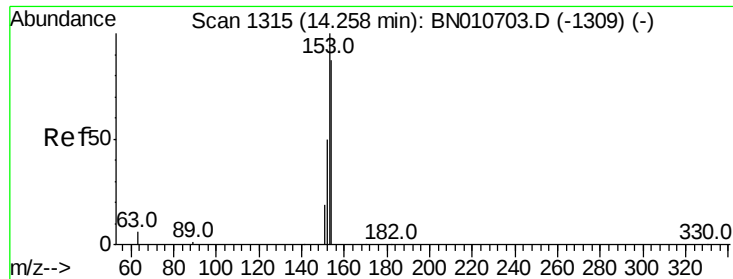
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 8.408 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

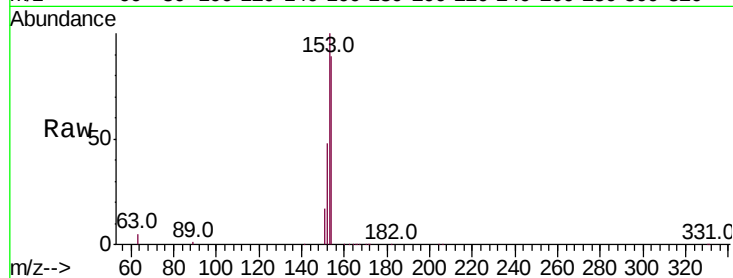
Tot Ion:154 Resp: 173697

Ion Ratio Lower Upper

154 100

153 113.4 91.5 137.3

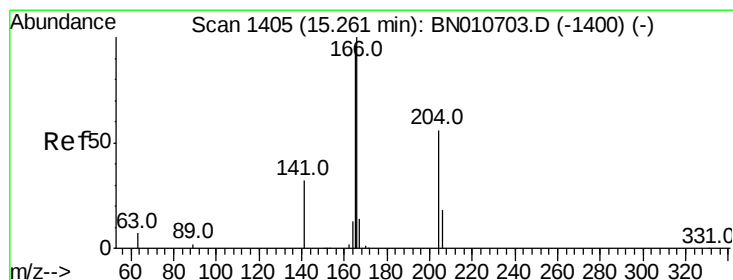
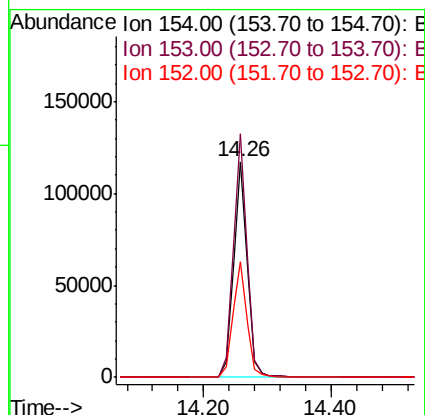
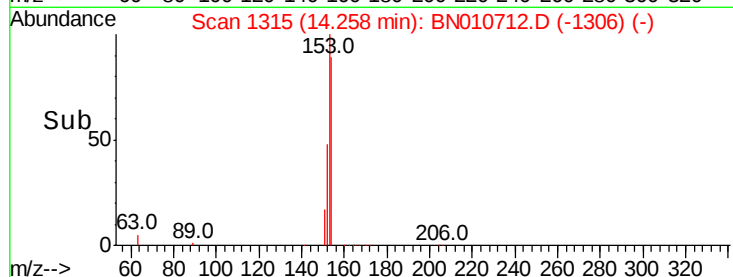
152 55.2 45.6 68.4



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: 3.225 ng

RT: 15.25 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

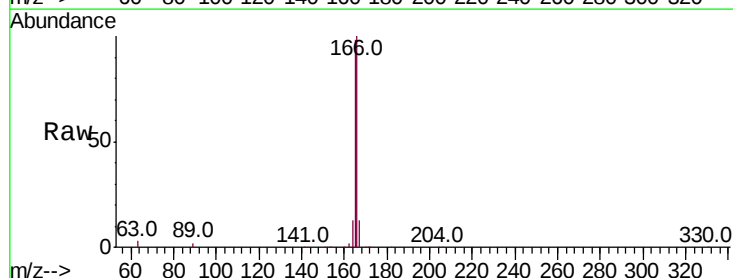
Tgt Ion:166 Resp: 87308

Ion Ratio Lower Upper

166 100

165 97.8 77.9 116.9

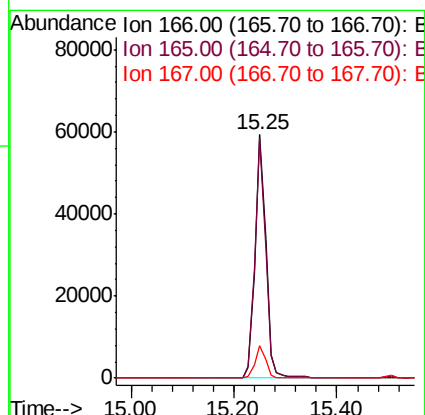
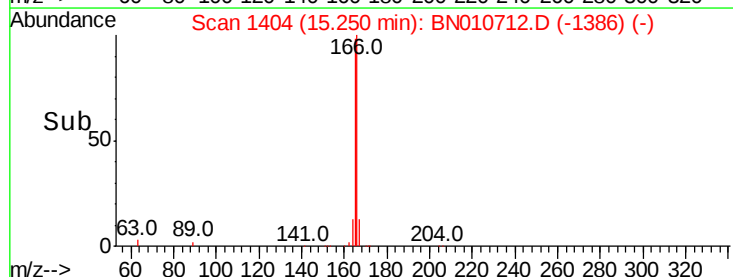
167 13.2 11.0 16.4

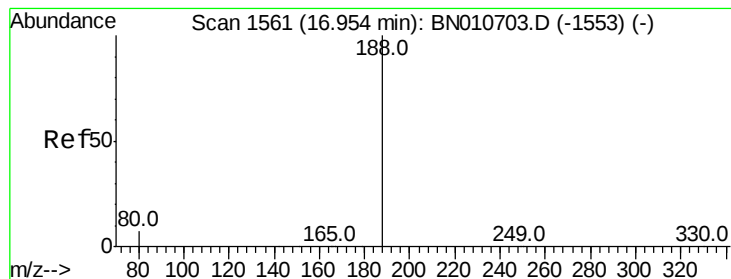


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

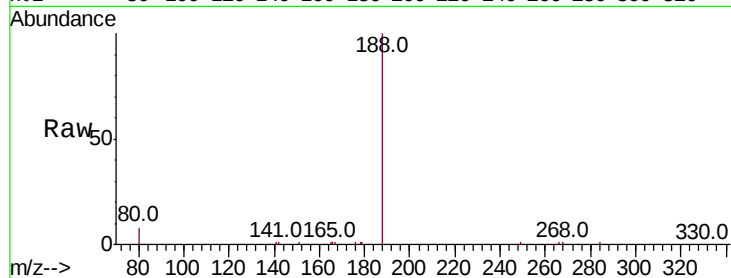
Tot Ion:188 Resp: 16573

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

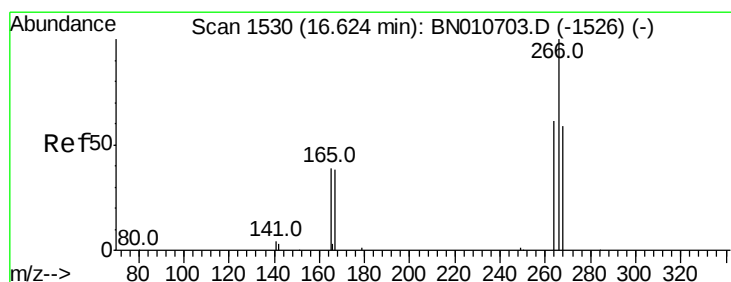
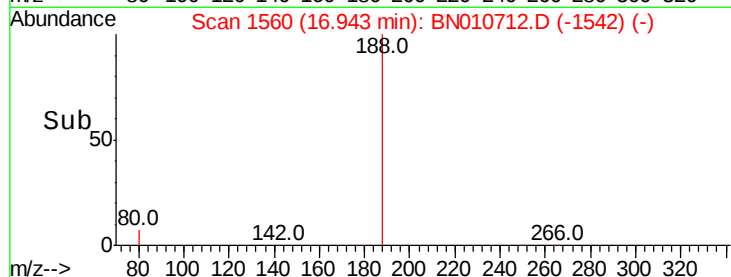
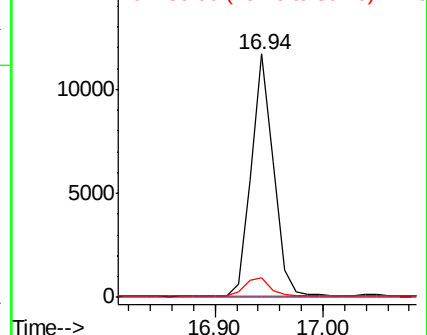
80 7.9 6.3 9.5



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



#22

Pentachlorophenol

Concen: 0.027 ng

RT: 16.61 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

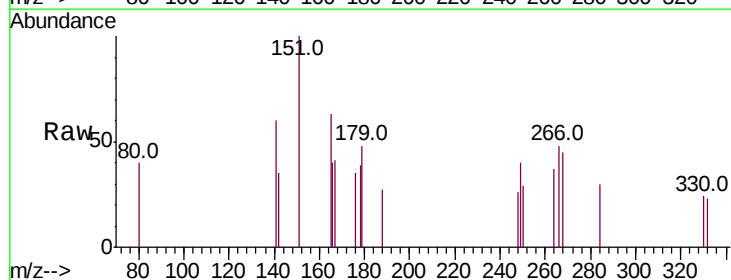
Tgt Ion:266 Resp: 90

Ion Ratio Lower Upper

266 100

264 76.3 51.1 76.7

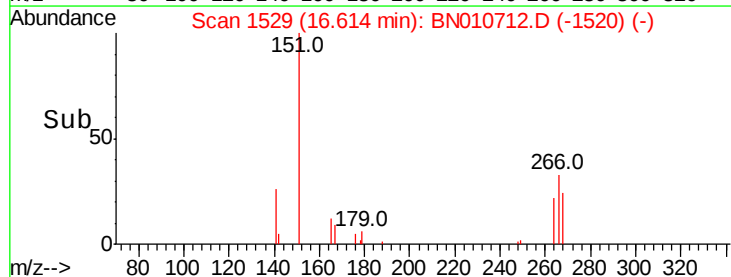
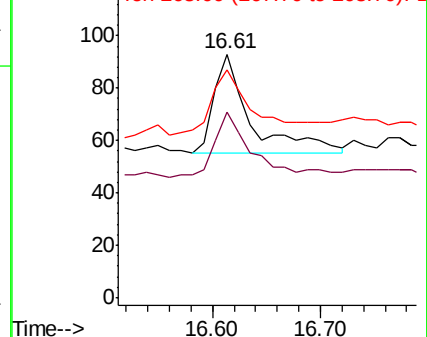
268 93.5 52.1 78.1#

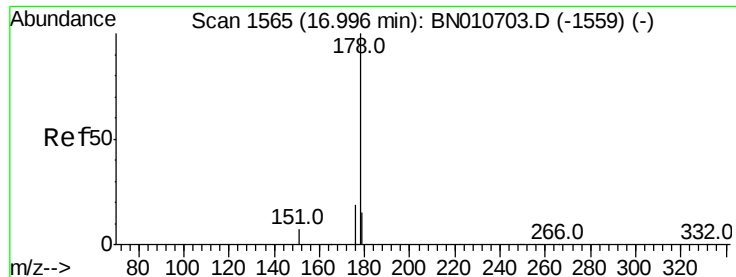


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.744 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

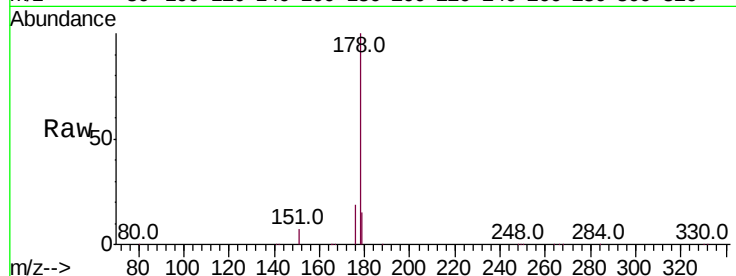
Tot Ion:178 Resp: 255290

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

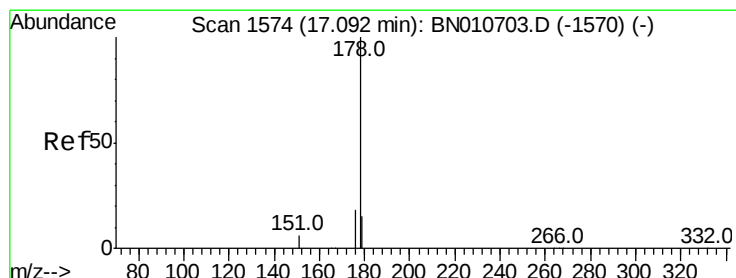
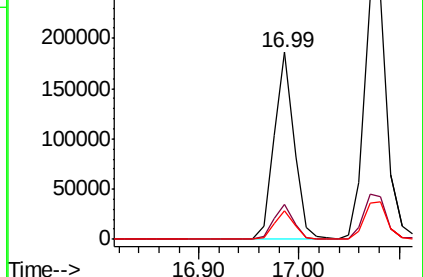
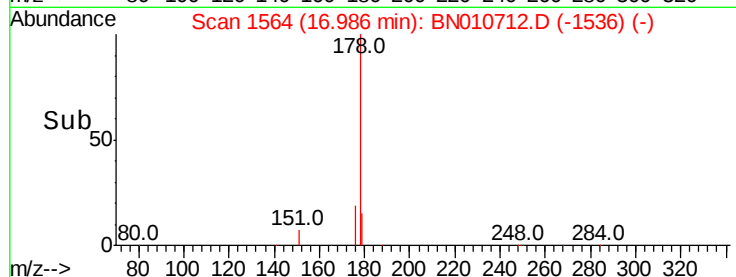
179 15.3 12.2 18.4



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: 10.756 ng

RT: 17.08 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

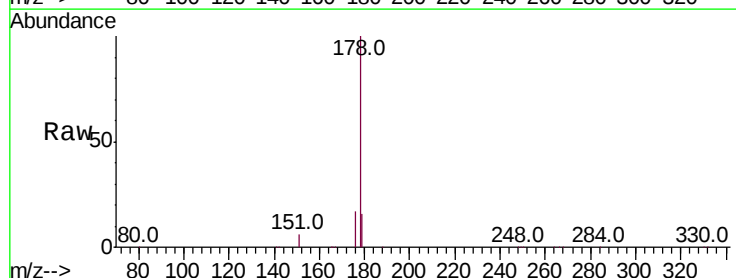
Tgt Ion:178 Resp: 401794

Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

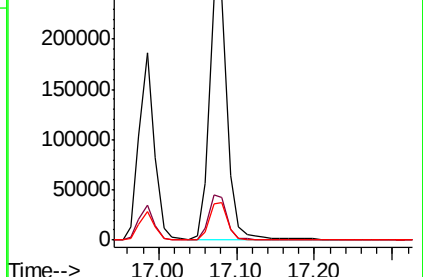
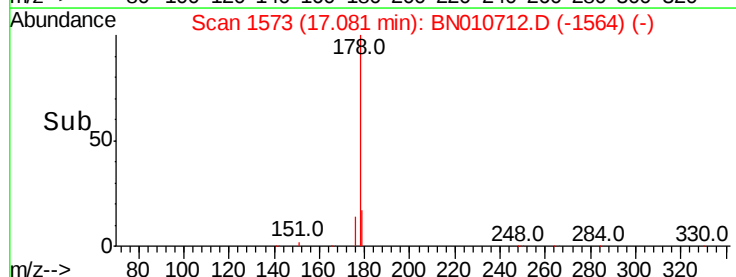
179 15.3 12.3 18.5

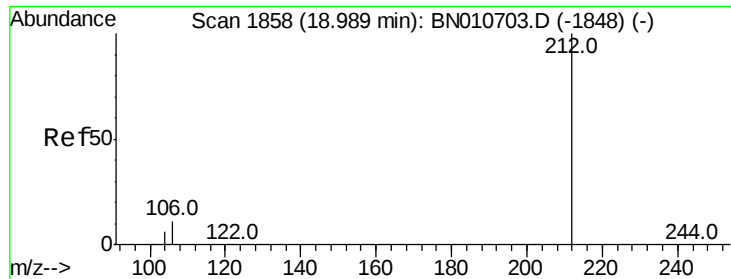


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.313 ng

RT: 18.98 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

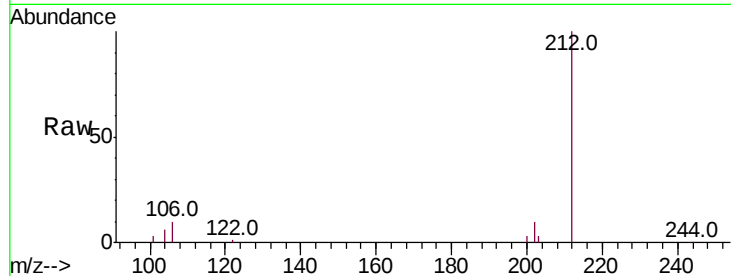
Tot Ion:212 Resp: 14068

Ion Ratio Lower Upper

212 100

106 10.2 8.2 12.2

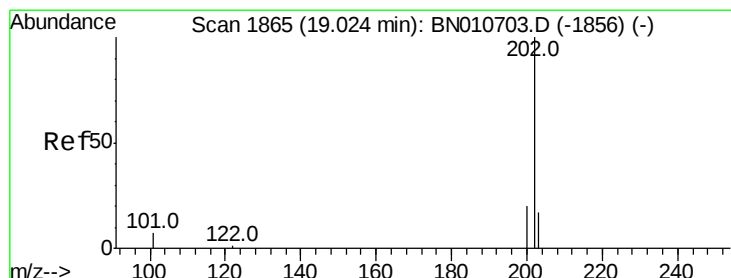
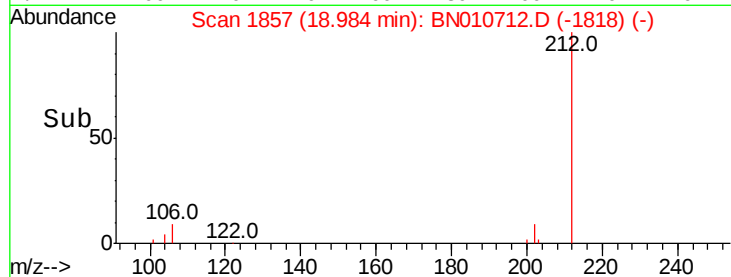
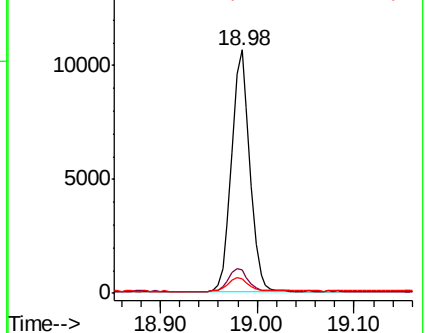
104 5.9 4.7 7.1



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: 7.353 ng

RT: 19.01 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

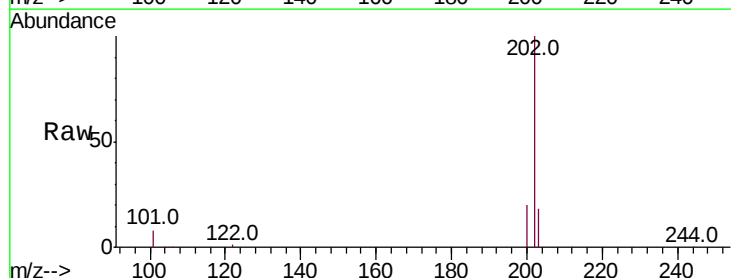
Tgt Ion:202 Resp: 371345

Ion Ratio Lower Upper

202 100

101 8.5 6.7 10.1

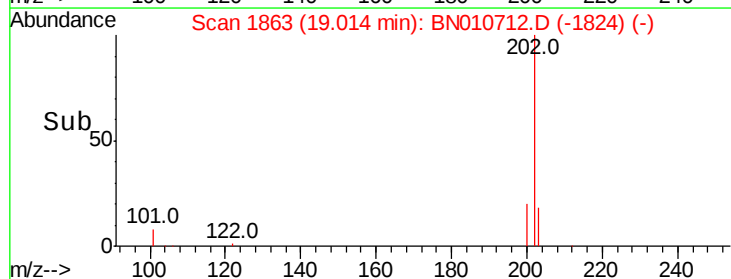
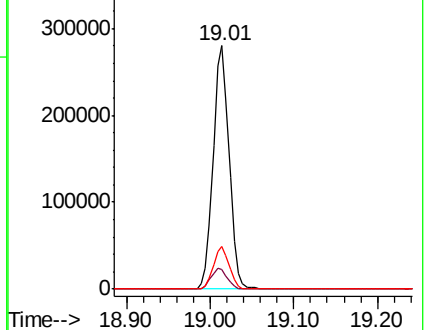
203 17.3 13.4 20.0

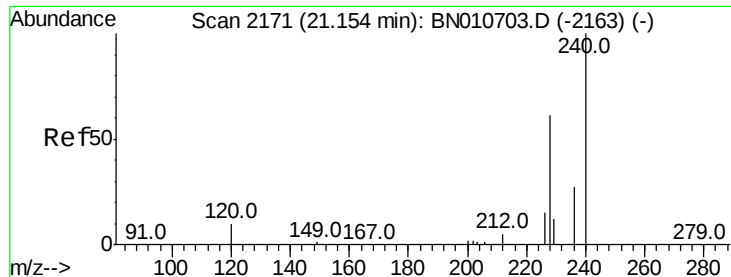


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.15 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

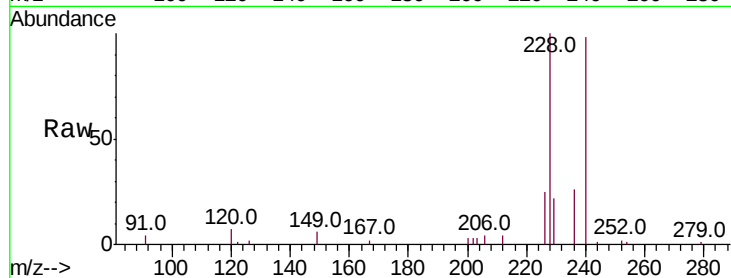
Tot Ion:240 Resp: 16338

Ion Ratio Lower Upper

240 100

120 7.1 9.5 14.3#

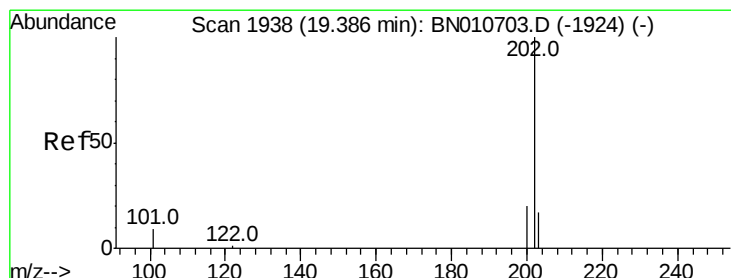
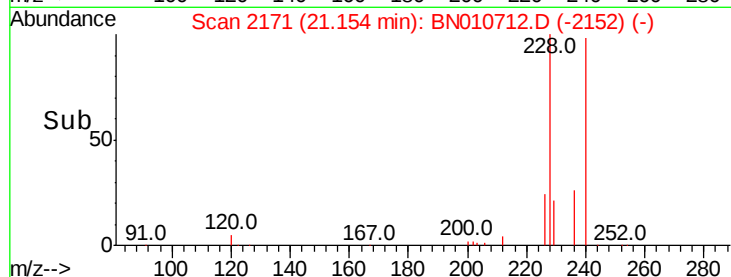
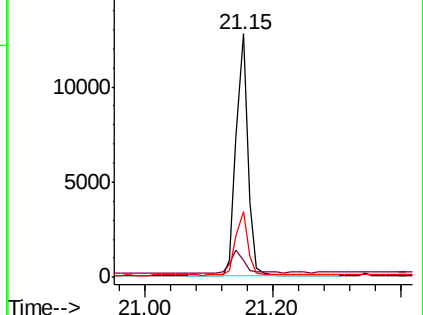
236 26.9 22.5 33.7



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: 5.138 ng

RT: 19.38 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

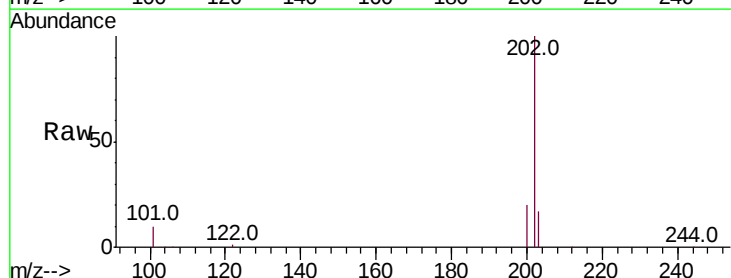
Tgt Ion:202 Resp: 300933

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.4

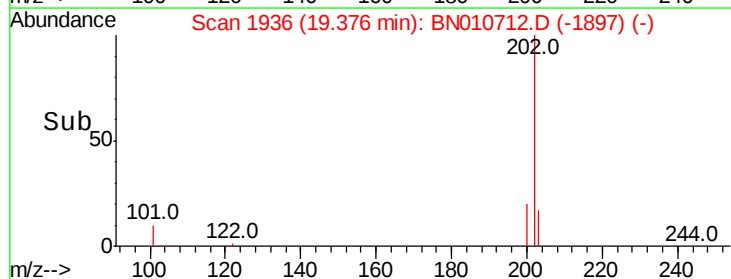
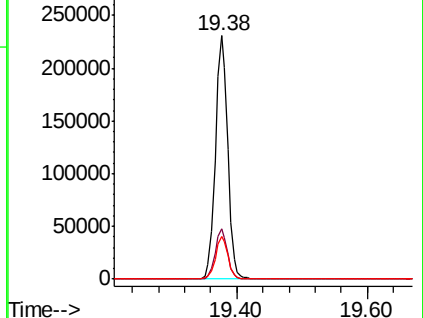
203 17.5 14.1 21.1

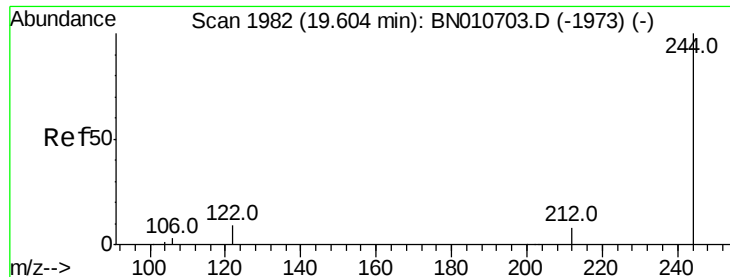


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.285 ng

RT: 19.59 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

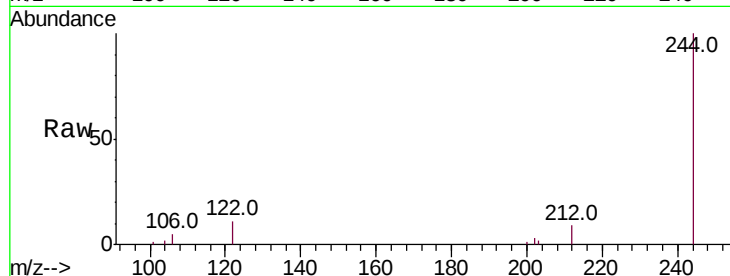
Tot Ion:244 Resp: 11038

Ion Ratio Lower Upper

244 100

212 8.5 6.8 10.2

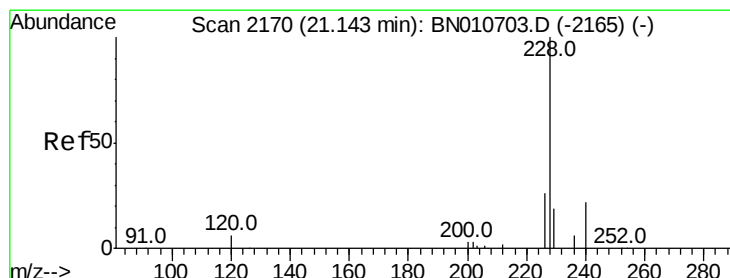
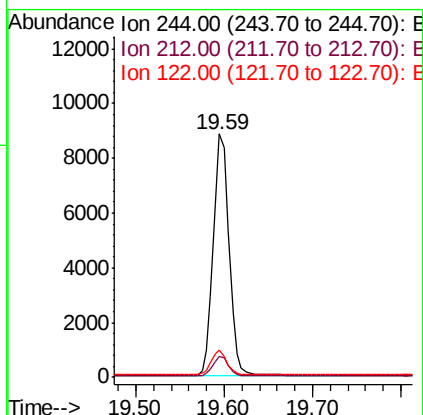
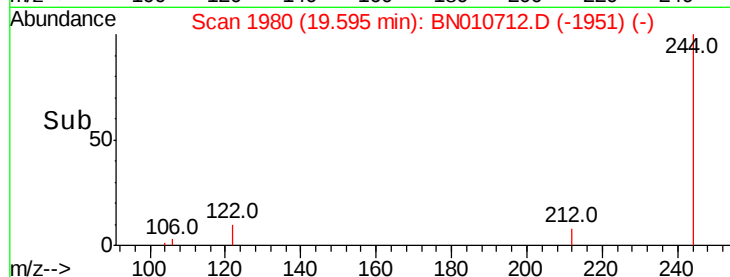
122 11.1 8.1 12.1



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: 3.165 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

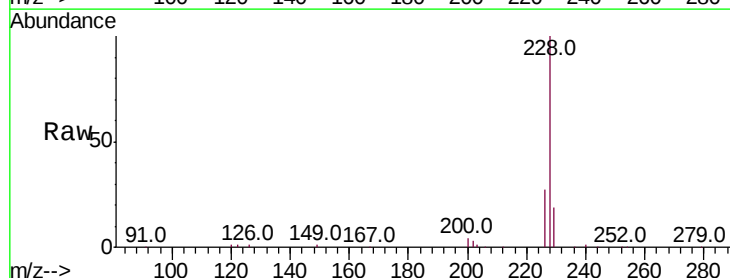
Tgt Ion:228 Resp: 150848

Ion Ratio Lower Upper

228 100

226 27.0 21.3 31.9

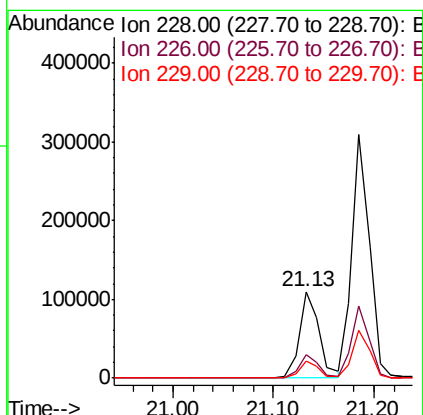
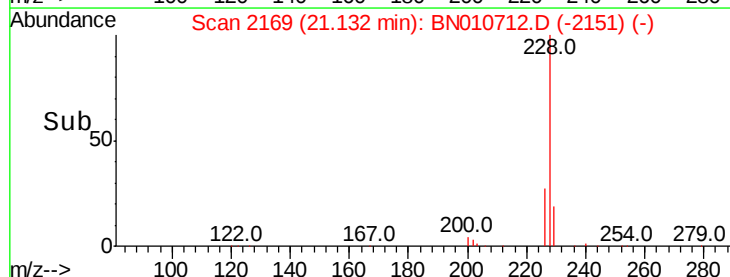
229 19.4 16.0 24.0

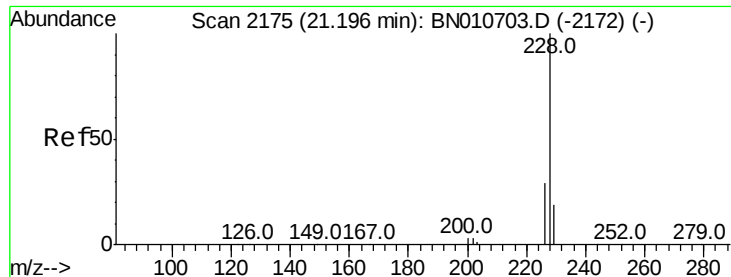


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 7.011 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

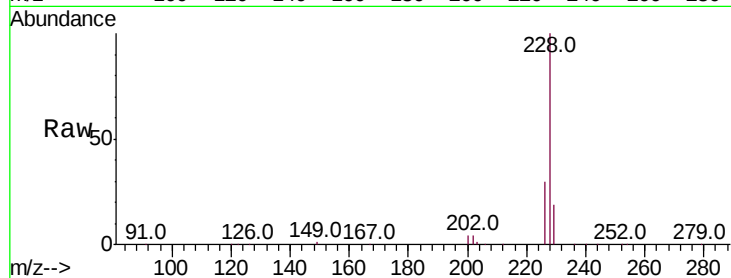
BNA_N

ClientSampleId :

PT-PAH-SOIL

Tot Ion:228 Resp: 378280

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.0
229	19.4	16.1	24.1

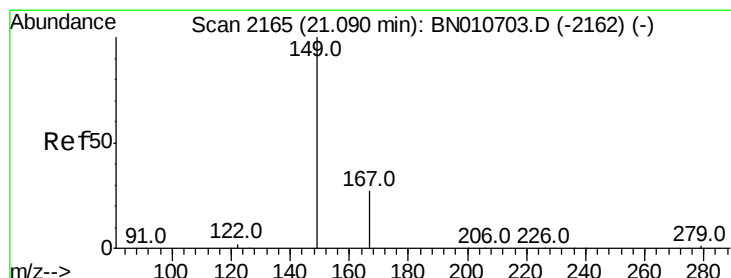
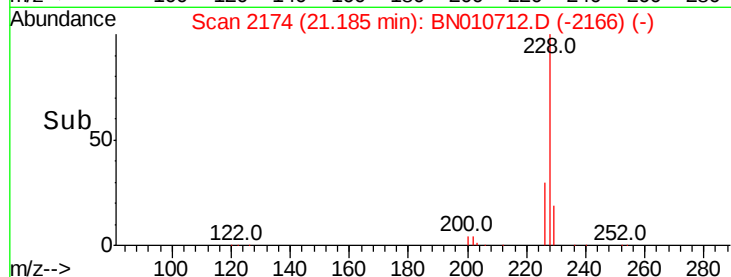
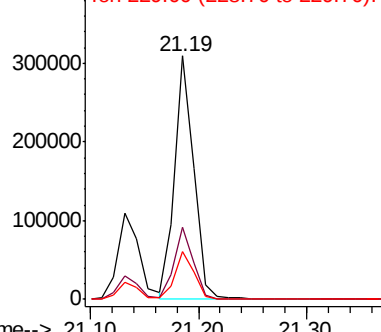


Abundance

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: 0.383 ng

RT: 21.09 min Scan# 2165

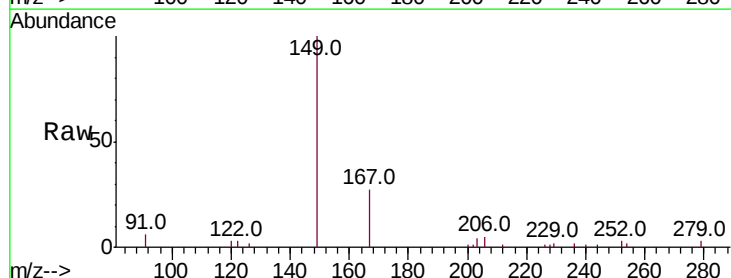
Delta R.T. -0.01 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Tgt Ion:149 Resp: 7996

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.5	33.7
279	4.3	4.1	6.1

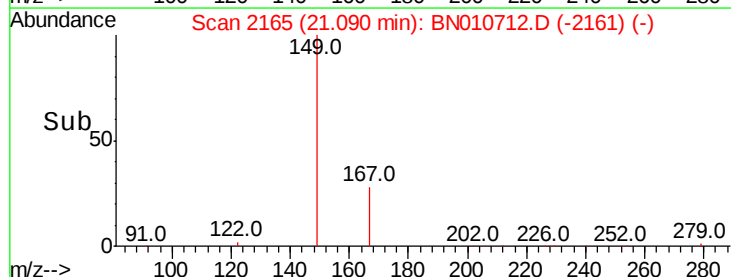
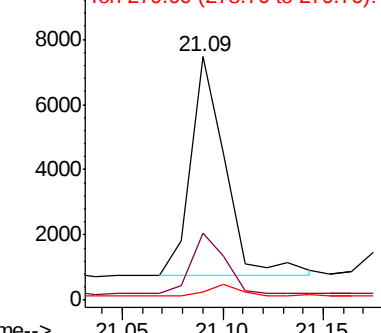


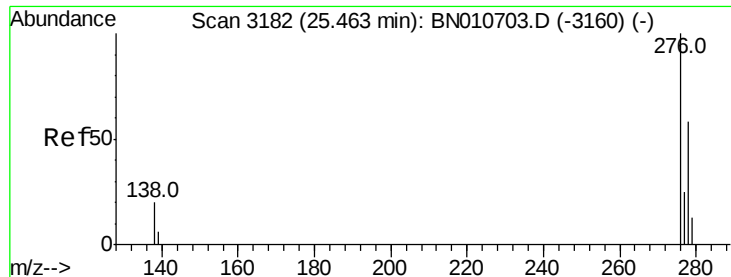
Abundance

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: 3.181 ng

RT: 25.44 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

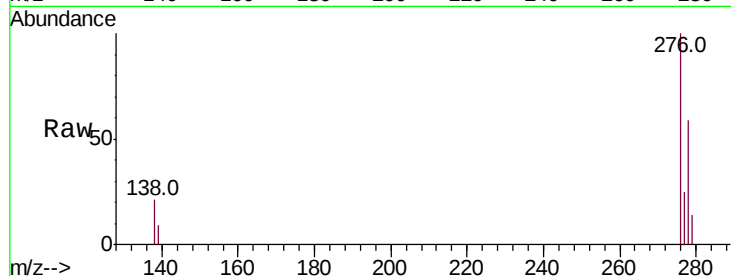
Tot Ion:276 Resp: 152652

Ion Ratio Lower Upper

276 100

138 21.1 15.1 22.7

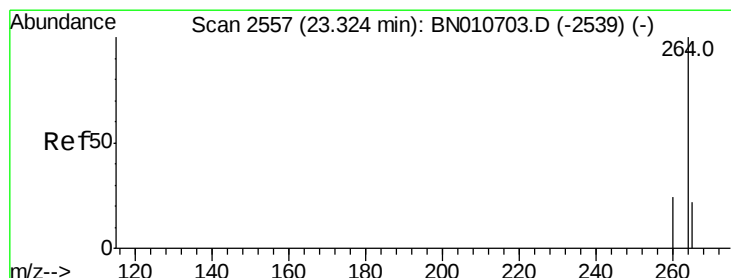
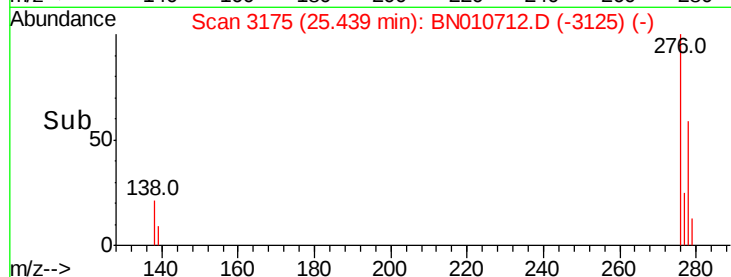
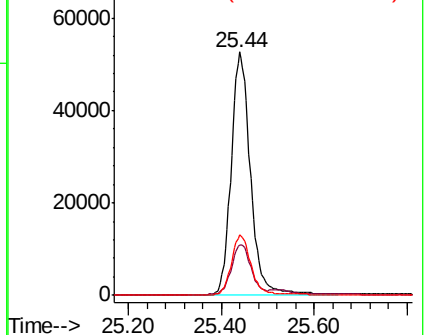
277 25.0 19.4 29.0



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: 23.31 min Scan# 2554

Delta R.T. -0.01 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

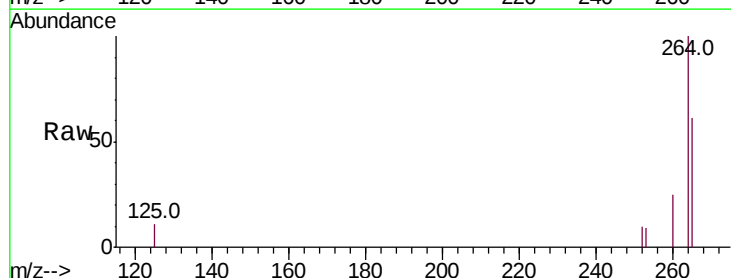
Tgt Ion:264 Resp: 16592

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

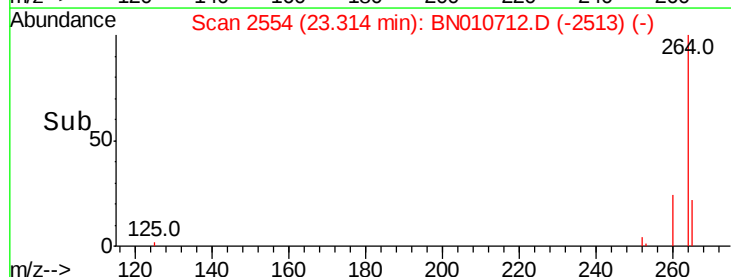
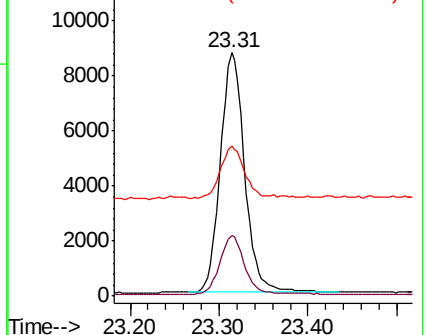
265 61.5 70.1 105.1#

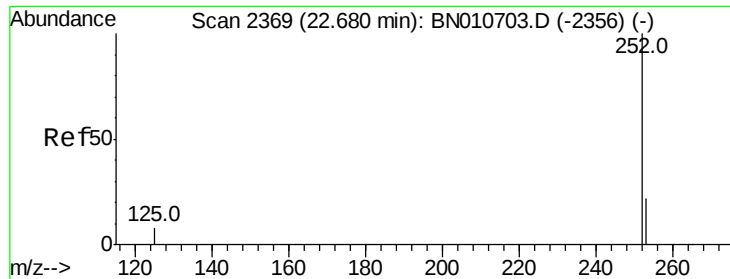


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 2.804 ng

RT: 22.71 min Scan# 2379

Delta R.T. 0.03 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

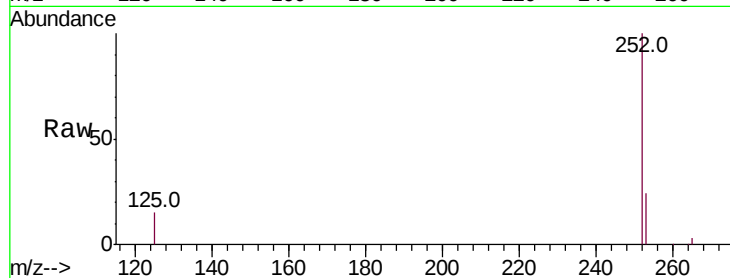
Tot Ion:252 Resp: 153766

Ion Ratio Lower Upper

252 100

253 23.6 22.0 33.0

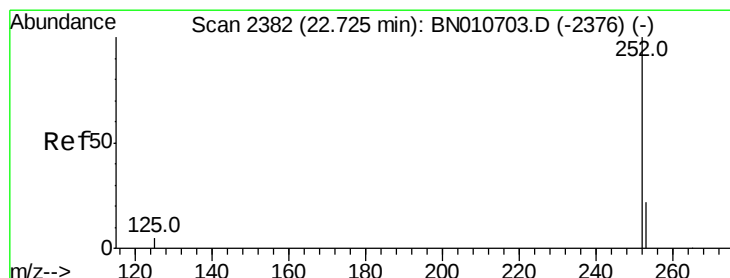
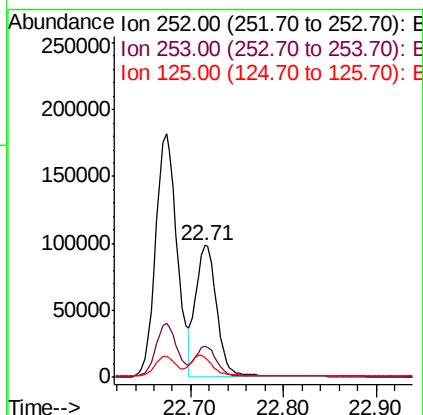
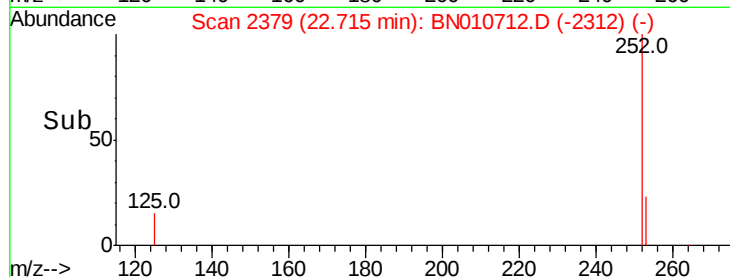
125 15.3 10.8 16.2



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: 2.629 ng

RT: 22.71 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

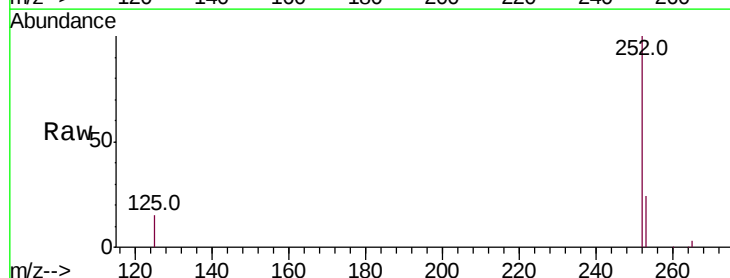
Tgt Ion:252 Resp: 155312

Ion Ratio Lower Upper

252 100

253 23.6 21.9 32.9

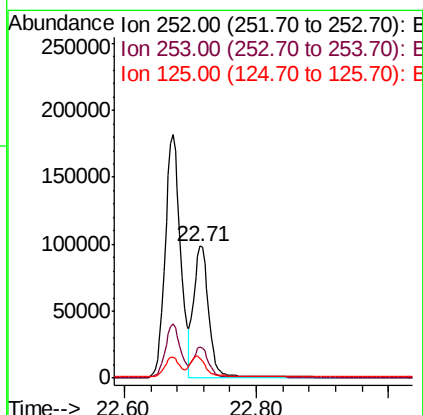
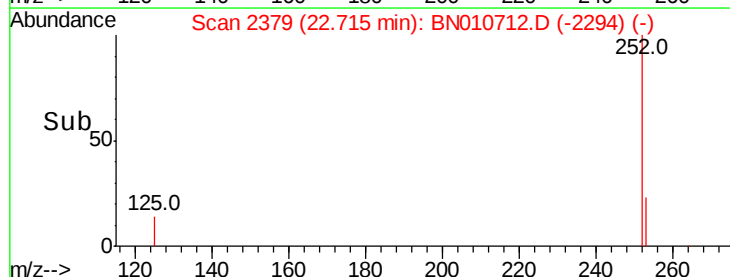
125 15.3 11.1 16.7

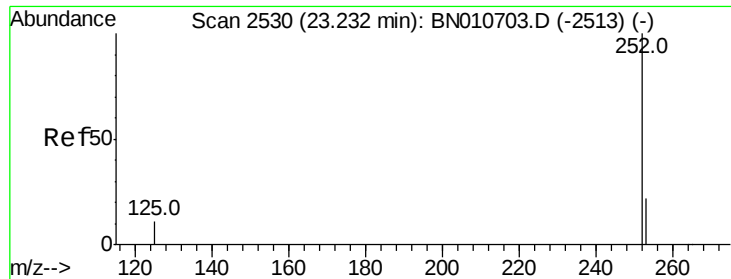


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.258 ng

RT: 23.22 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

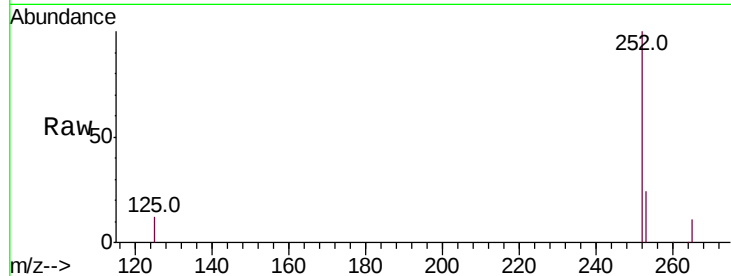
Tot Ion:252 Resp: 59731

Ion Ratio Lower Upper

252 100

253 23.6 24.8 37.2#

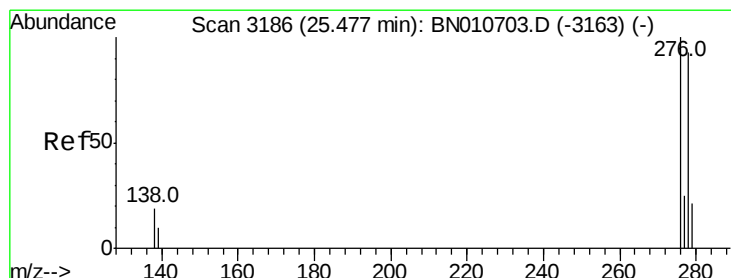
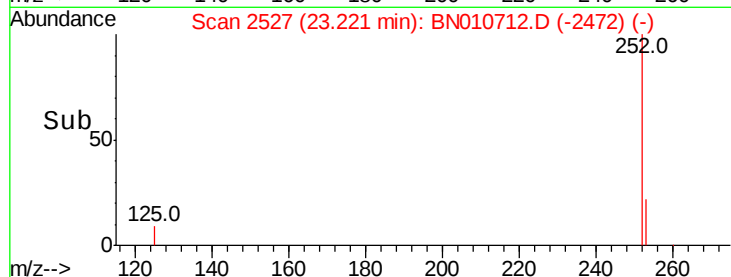
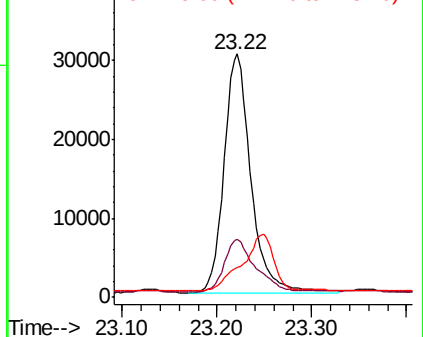
125 12.1 15.8 23.6#



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: 3.003 ng

RT: 25.45 min Scan# 3179

Delta R.T. -0.03 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

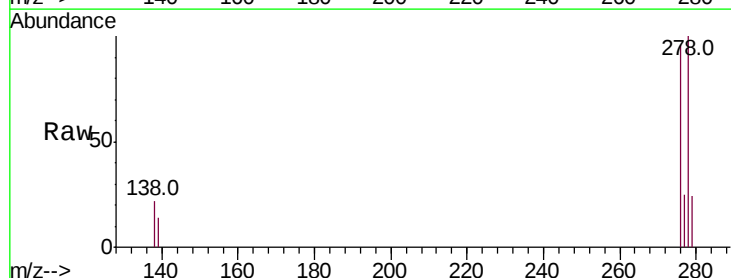
Tgt Ion:278 Resp: 121810

Ion Ratio Lower Upper

278 100

139 14.3 13.0 19.4

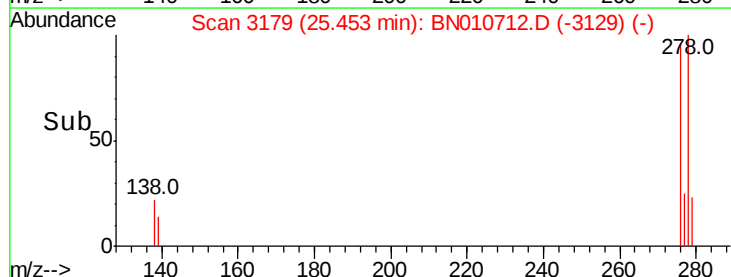
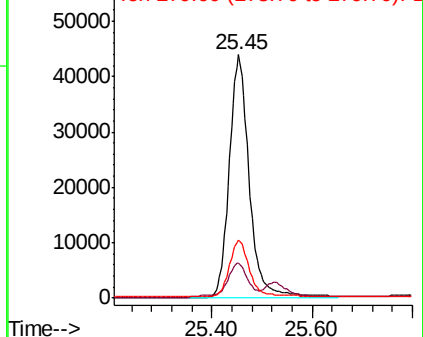
279 23.9 25.1 37.7#

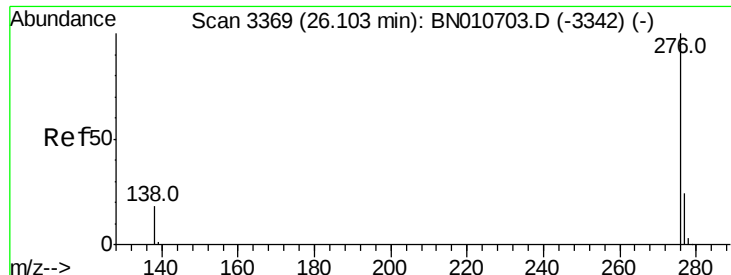


Abundance Ion 278.00 (277.70 to 278.70): E

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: 7.518 ng

RT: 26.09 min Scan# 3364

Delta R.T. -0.02 min

Lab File: BN010712.D

Acq: 14 May 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

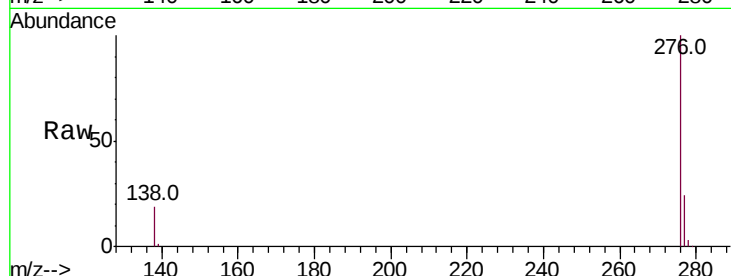
Tot Ion:276 Resp: 357654

Ion Ratio Lower Upper

276 100

277 23.6 20.6 30.8

138 18.9 16.0 24.0



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

