

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120519\
 Data File : BN008848.D
 Acq On : 05 Dec 2019 14:41
 Operator : JU
 Sample : K5609-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOIL

Quant Time: Dec 05 15:11:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 15:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3593	0.40	ng	-0.02
7) Naphthalene-d8	10.32	136	15451	0.40	ng	-0.01
13) Acenaphthene-d10	14.19	164	10945	0.40	ng	0.00
19) Phenanthrene-d10	16.94	188	25891	0.40	ng	0.00
27) Chrysene-d12	21.14	240	27318	0.40	ng	0.00
34) Perylene-d12	23.30	264	30140	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	3539	0.36	ng	-0.02
5) Phenol-d6	6.74	99	5476	0.41	ng	-0.02
8) Nitrobenzene-d5	8.69	82	4036	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	11.91	152	8431	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	1742	0.29	ng	-0.02
15) 2-Fluorobiphenyl	12.80	172	12713	0.31	ng	0.00
25) Fluoranthene-d10	18.98	212	27121	0.35	ng	0.00
29) Terphenyl-d14	19.59	244	20230	0.32	ng	0.00

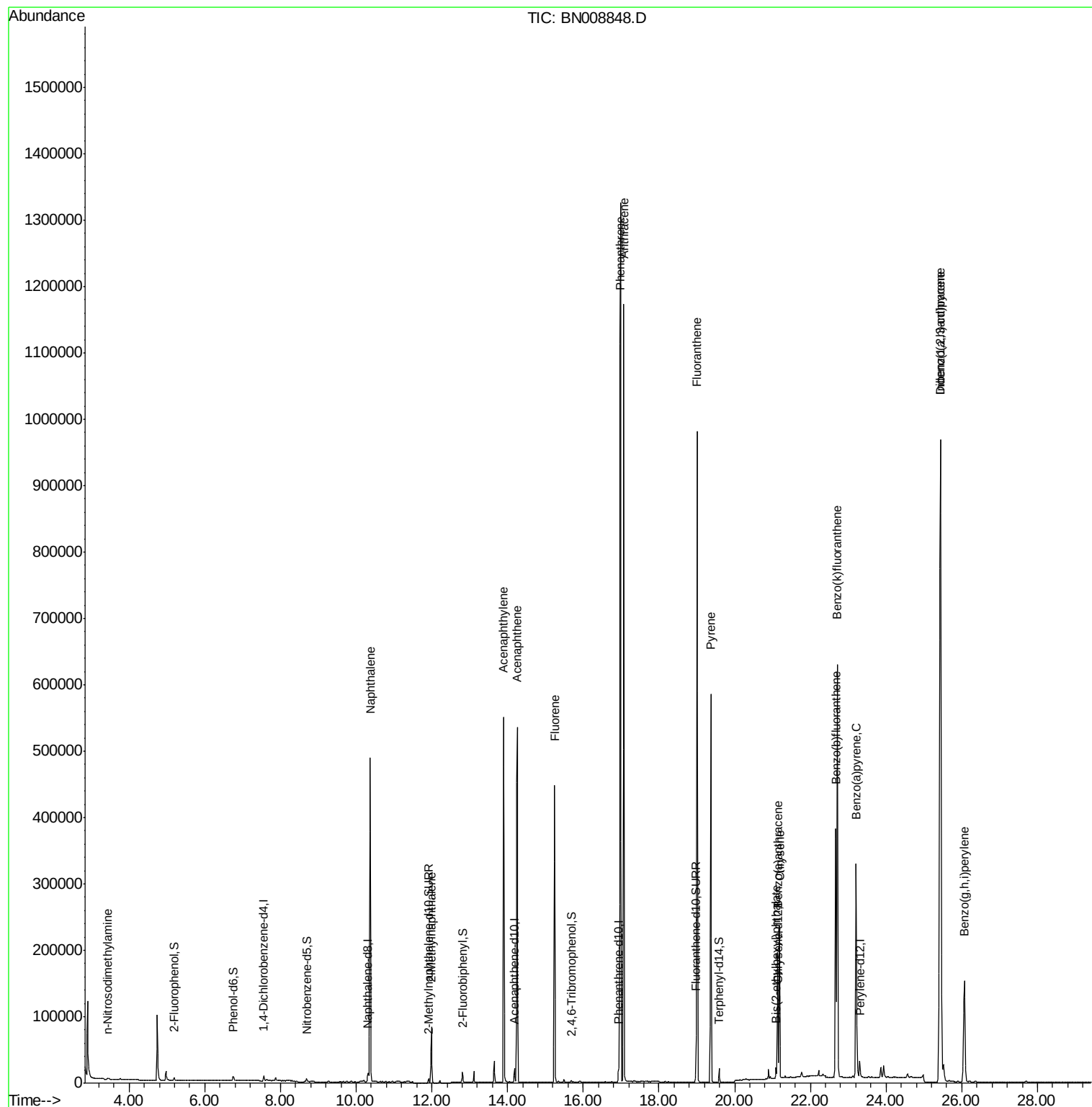
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.43	42	535	0.112	ng	# 100
9) Naphthalene	10.37	128	638189	15.490	ng	99
12) 2-Methylnaphthalene	11.99	142	59718	1.966	ng	99
16) Acenaphthylene	13.90	152	626183	12.265	ng	100
17) Acenaphthene	14.25	154	283420	8.750	ng	99
18) Fluorene	15.25	166	278906	6.492	ng	100
23) Phenanthrene	16.98	178	1403587	17.761	ng	100
24) Anthracene	17.07	178	1170865	16.135	ng	100
26) Fluoranthene	19.01	202	894807	9.402	ng	99
28) Pyrene	19.37	202	525132	5.510	ng	100
30) Benzo(a)anthracene	21.13	228	146887	1.488	ng	99
31) Chrysene	21.19	228	200874	2.096	ng	99
32) Bis(2-ethylhexyl)phthalate	21.09	149	13193	0.200	ng	99
33) Indeno(1,2,3-cd)pyrene	25.43	276	1024002	8.654	ng	99
35) Benzo(b)fluoranthene	22.67	252	430276	4.298	ng	# 91
36) Benzo(k)fluoranthene	22.71	252	717514	7.295	ng	# 91
37) Benzo(a)pyrene	23.21	252	432408	4.580	ng	# 89
38) Dibenzo(a,h)anthracene	25.44	278	948948	9.841	ng	94
39) Benzo(g,h,i)perylene	26.07	276	289030	2.961	ng	97

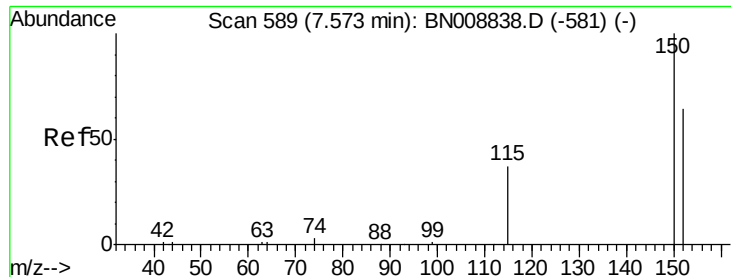
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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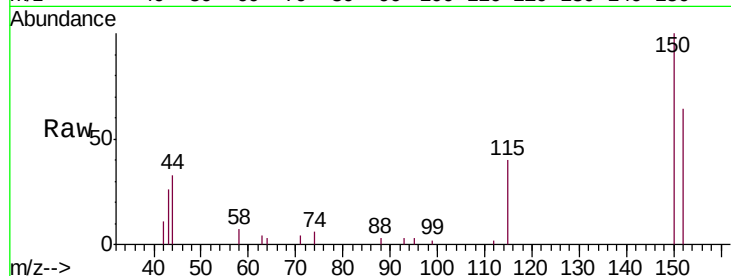


#1

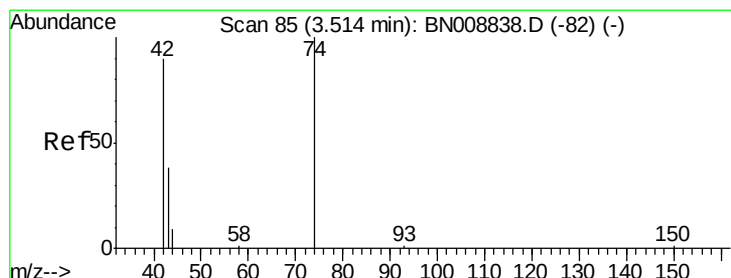
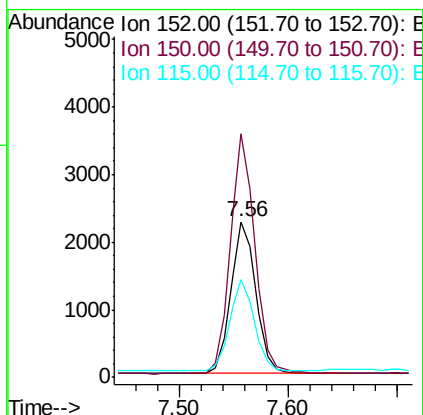
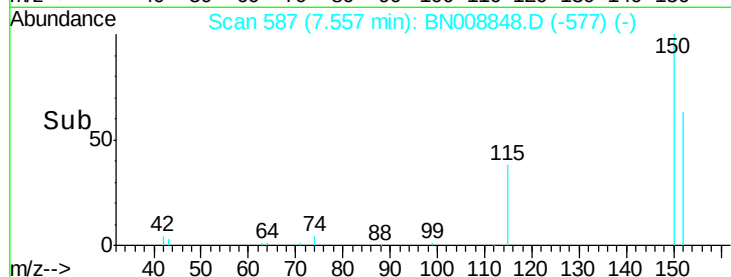
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. -0.02 min
Lab File: BN008848.D
Acq: 05 Dec 2019 14:41

Instrument :
BNA_N
ClientSampleId :
PT-PAH-SOIL

Tgt Ion:152 Resp: 3593
Ion Ratio Lower Upper
152 100
150 156.5 123.9 185.9
115 62.6 49.9 74.9



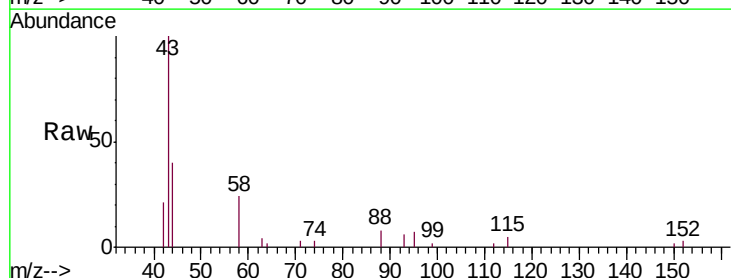
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



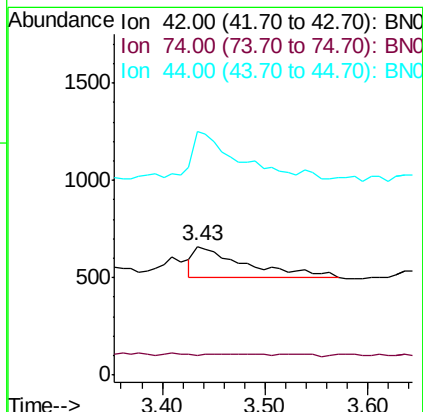
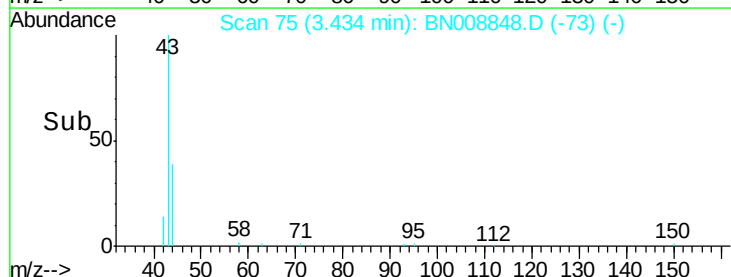
#3

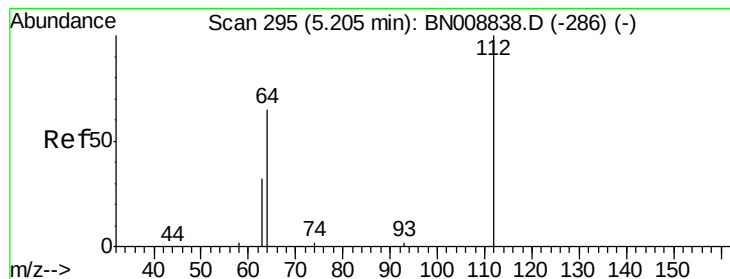
n-Nitrosodimethylamine
Concen: 0.112 ng
RT: 3.43 min Scan# 75
Delta R.T. -0.08 min
Lab File: BN008848.D
Acq: 05 Dec 2019 14:41

Tgt Ion: 42 Resp: 535
Ion Ratio Lower Upper
42 100
74 1.7 0.0 0.0#
44 100.6 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.364 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.02 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

Instrument :

BNA_N

ClientSampled :

PT-PAH-SOIL

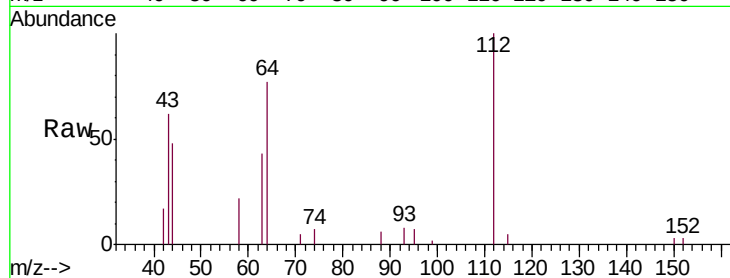
Tgt Ion: 112 Resp: 3539

Ion Ratio Lower Upper

112 100

64 70.4 56.3 84.5

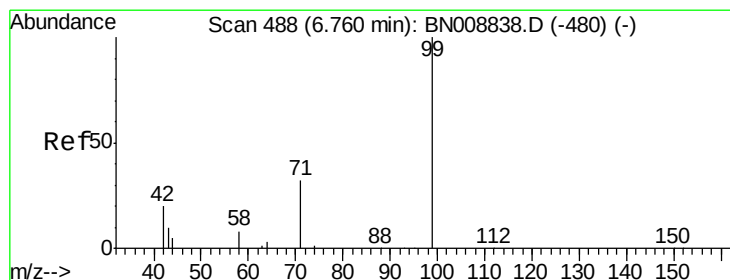
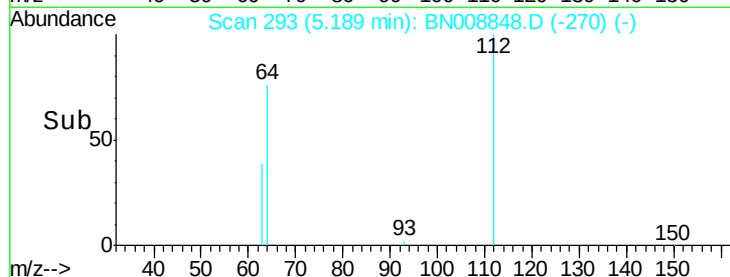
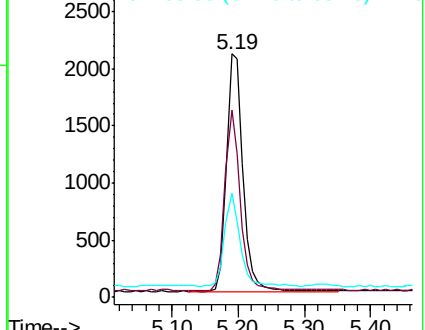
63 36.6 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.413 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.02 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

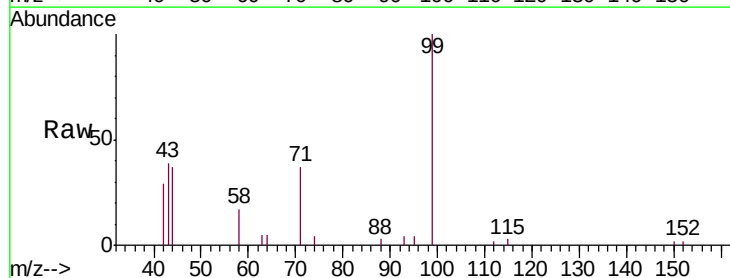
Tgt Ion: 99 Resp: 5476

Ion Ratio Lower Upper

99 100

42 26.7 18.1 27.1

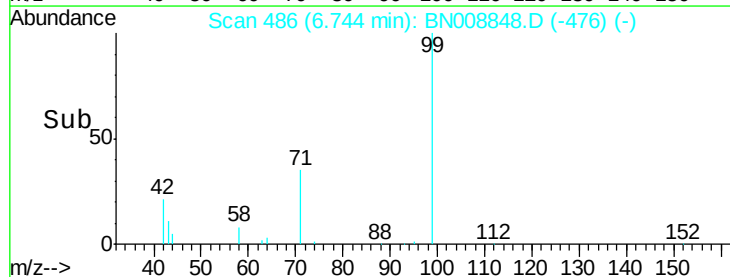
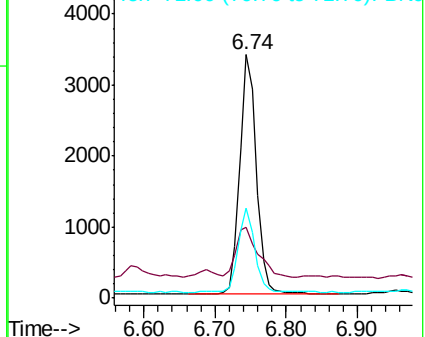
71 36.0 26.6 40.0

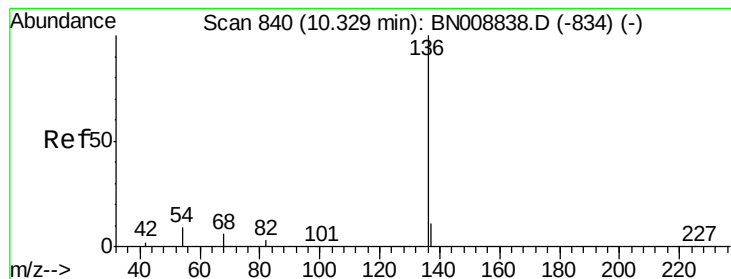


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.01 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

Tgt Ion:136 Resp: 15451

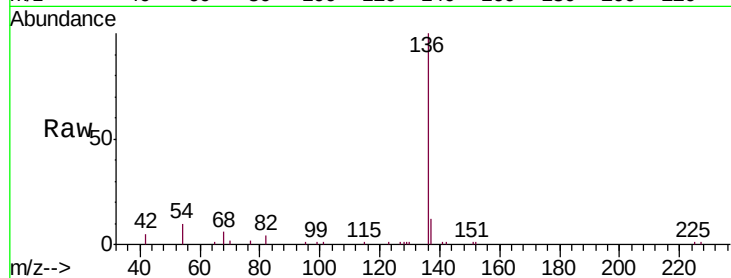
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 10.3 8.2 12.2

68 6.3 5.4 8.2

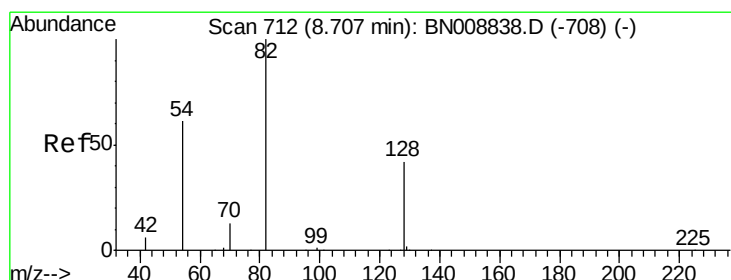
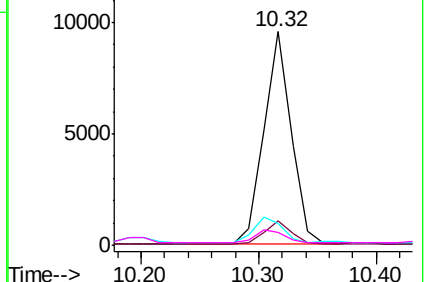
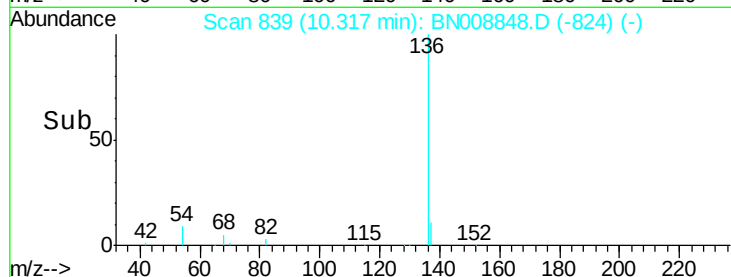


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.296 ng

RT: 8.69 min Scan# 711

Delta R.T. -0.01 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

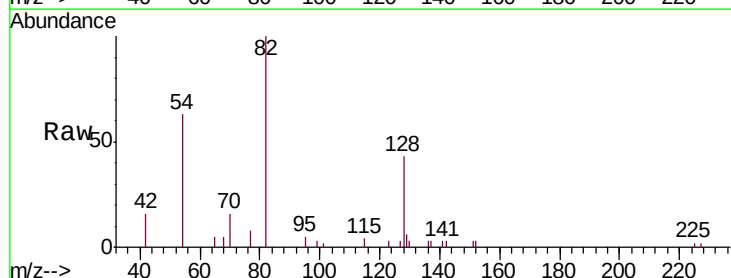
Tgt Ion: 82 Resp: 4036

Ion Ratio Lower Upper

82 100

128 43.4 35.0 52.6

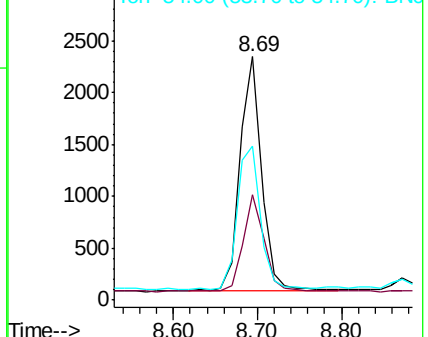
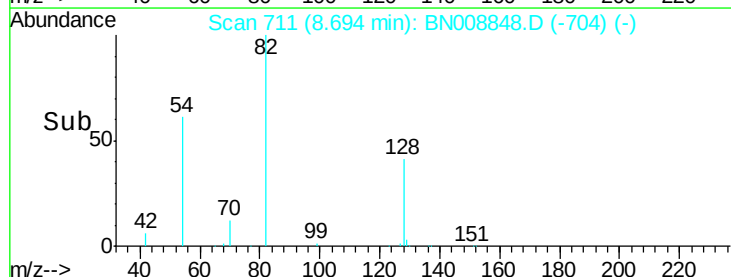
54 63.1 50.2 75.2

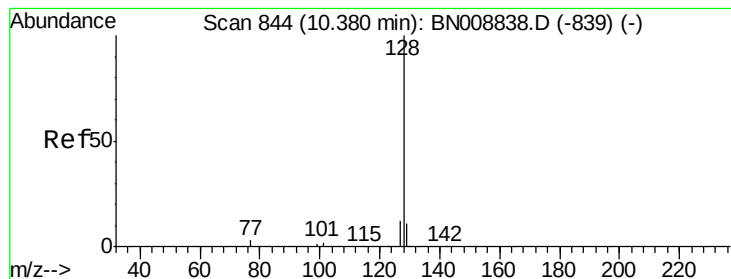


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 15.490 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.01 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

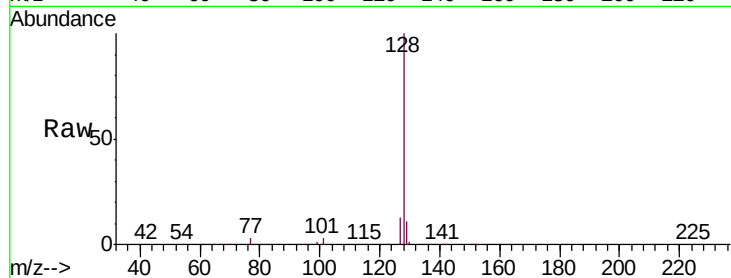
Tgt Ion:128 Resp: 638189

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

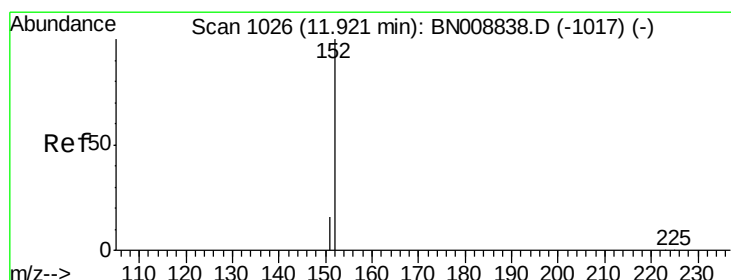
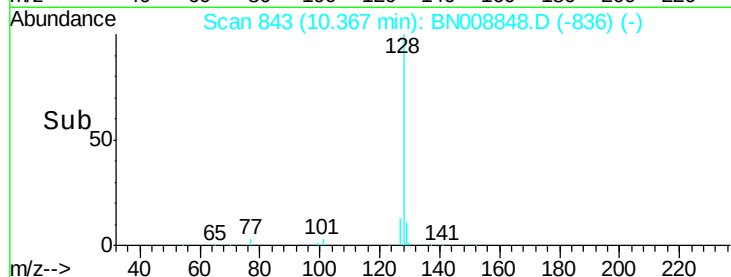
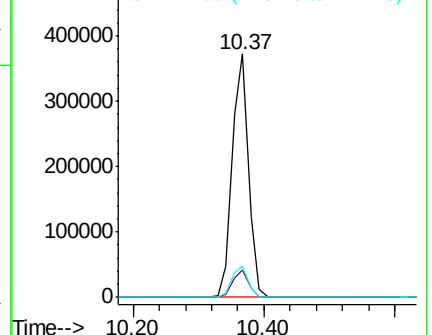
127 12.7 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.329 ng

RT: 11.91 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BN008848.D

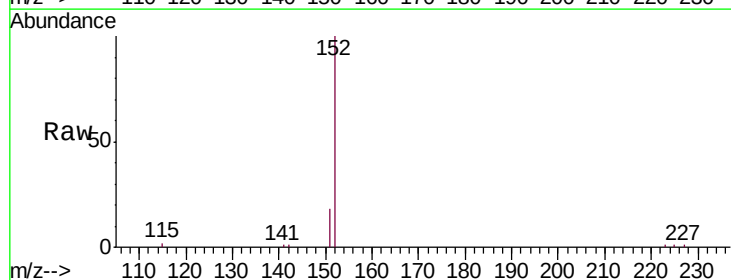
Acq: 05 Dec 2019 14:41

Tgt Ion:152 Resp: 8431

Ion Ratio Lower Upper

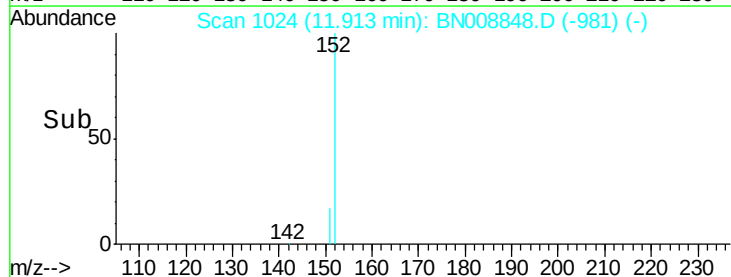
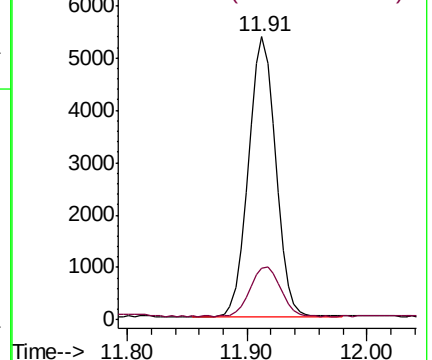
152 100

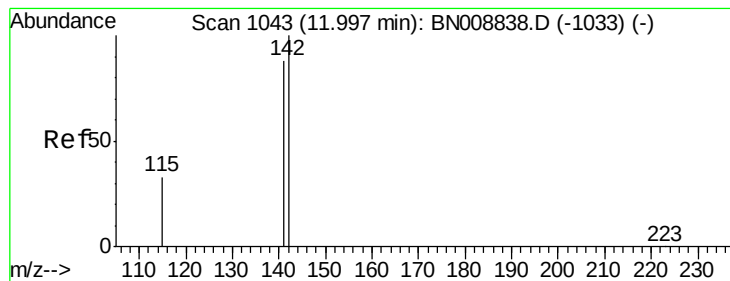
151 19.7 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 1.966 ng

RT: 11.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

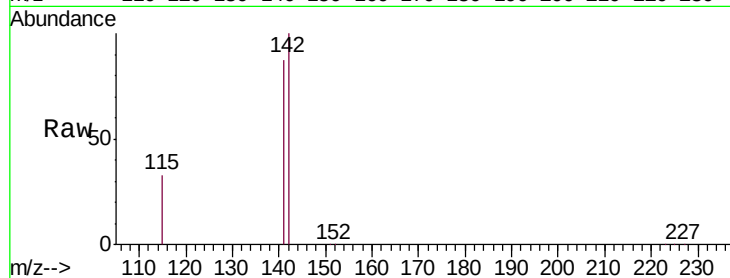
Tgt Ion:142 Resp: 59718

Ion Ratio Lower Upper

142 100

141 86.9 70.2 105.4

115 33.0 27.6 41.4

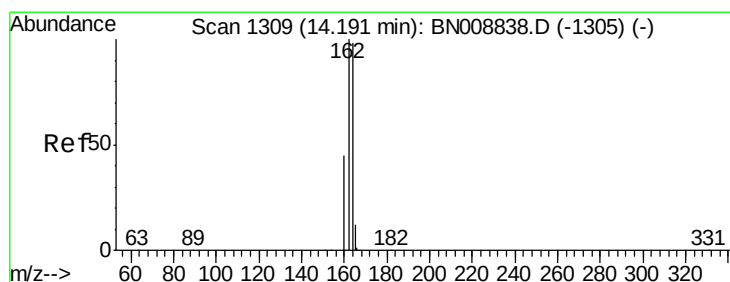
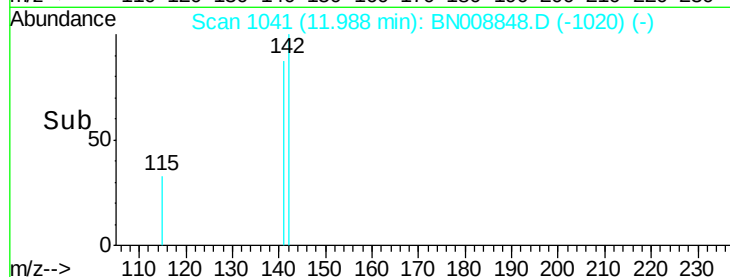
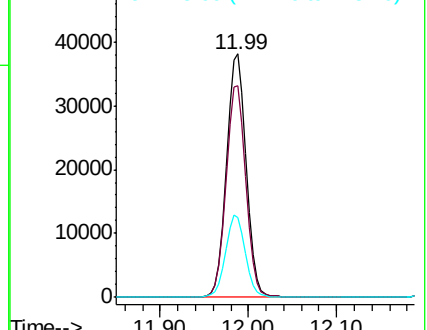


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

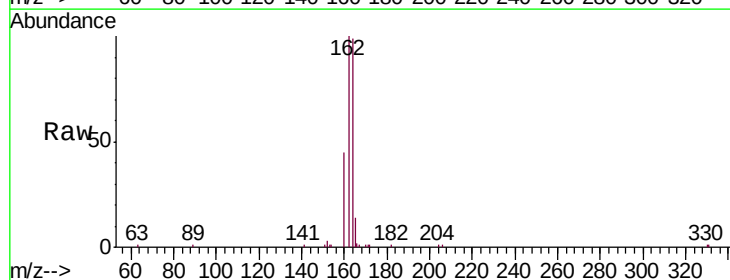
Tgt Ion:164 Resp: 10945

Ion Ratio Lower Upper

164 100

162 100.9 81.9 122.9

160 45.8 37.4 56.2

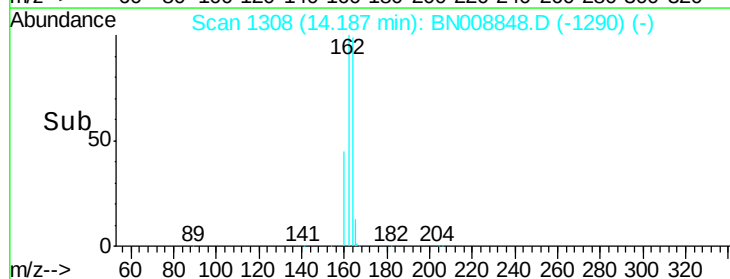
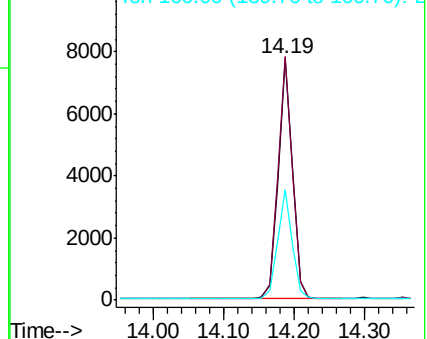


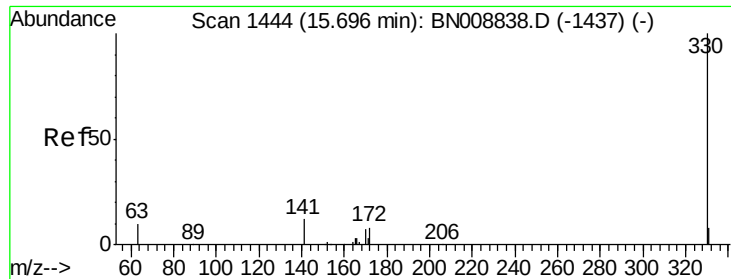
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

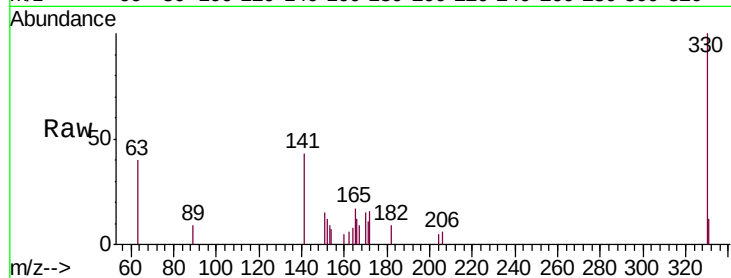




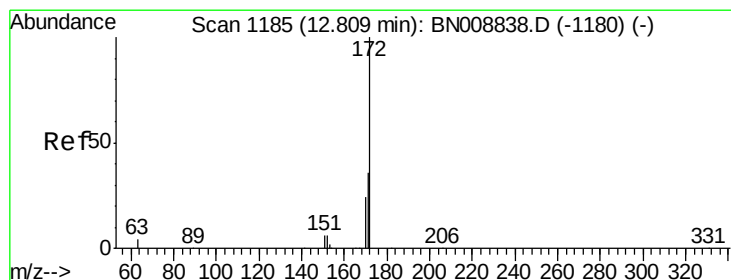
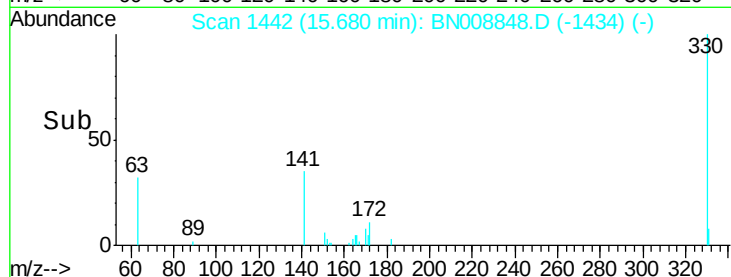
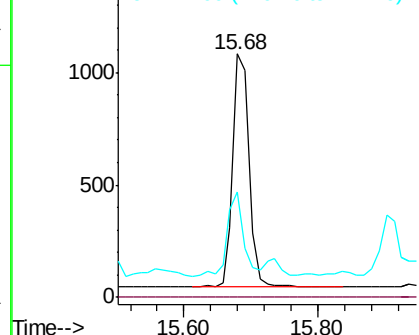
#14
 2,4,6-Tribromophenol
 Concen: 0.293 ng
 RT: 15.68 min Scan# 1442
 Delta R.T. -0.02 min
 Lab File: BN008848.D
 Acq: 05 Dec 2019 14:41

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOIL

Tgt Ion:330 Resp: 1742
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.6 26.2 39.4

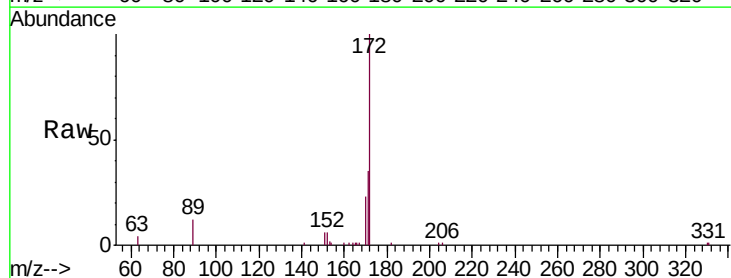


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

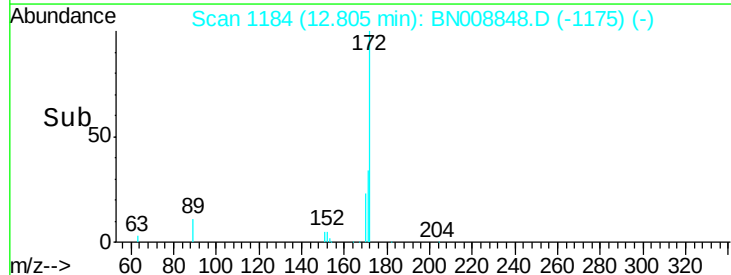
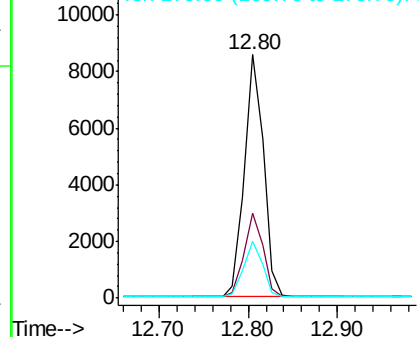


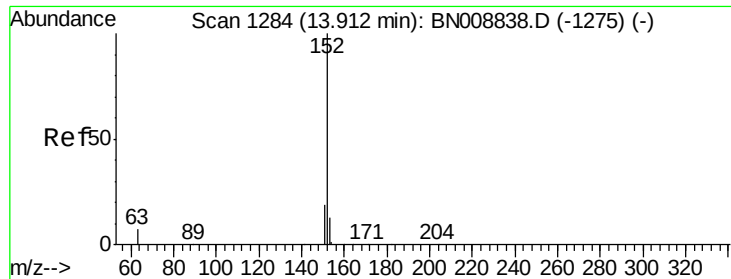
#15
 2-Fluorobiphenyl
 Concen: 0.310 ng
 RT: 12.80 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BN008848.D
 Acq: 05 Dec 2019 14:41

Tgt Ion:172 Resp: 12713
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 23.4 19.7 29.5



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: 12.265 ng

RT: 13.90 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

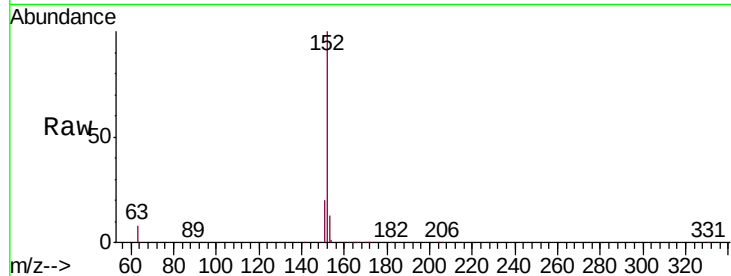
Tgt Ion:152 Resp: 626183

Ion Ratio Lower Upper

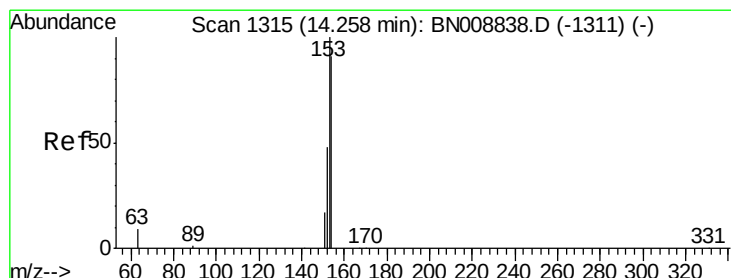
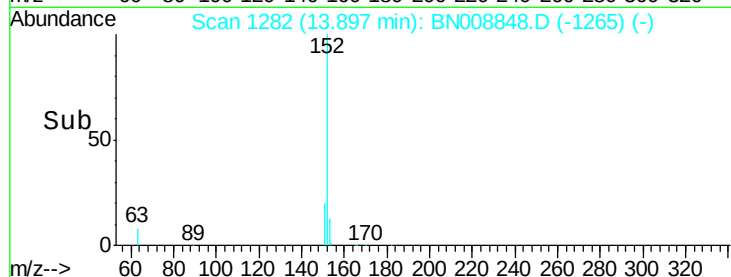
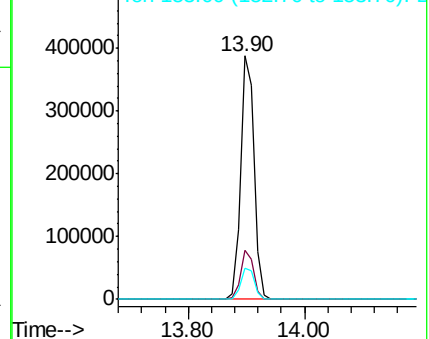
152 100

151 19.4 15.4 23.2

153 13.1 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: 8.750 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

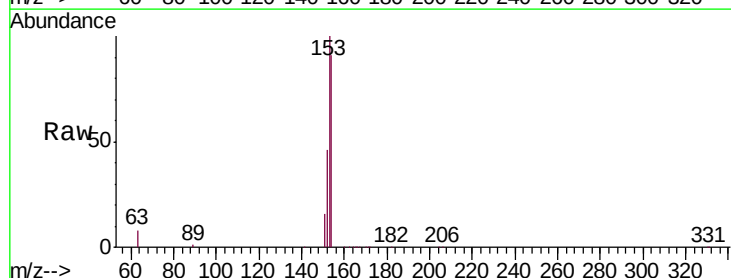
Tgt Ion:154 Resp: 283420

Ion Ratio Lower Upper

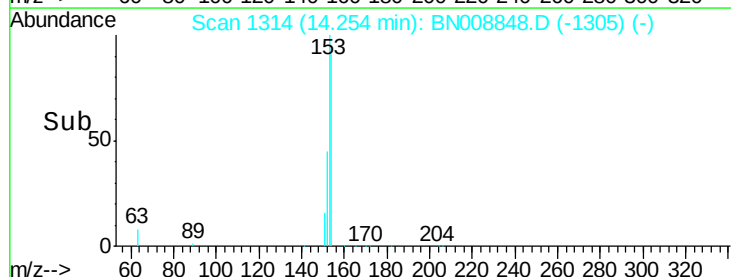
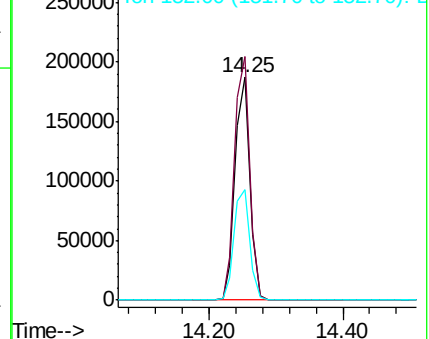
154 100

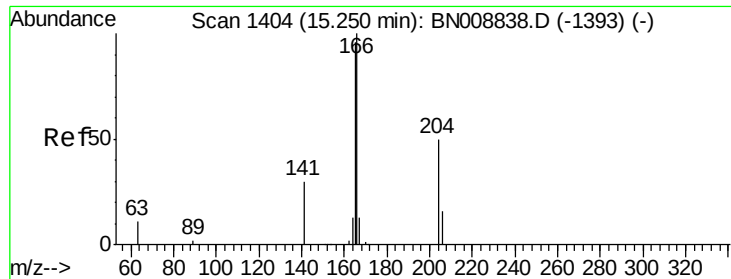
153 111.7 89.4 134.2

152 52.7 43.8 65.8



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: 6.492 ng

RT: 15.25 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

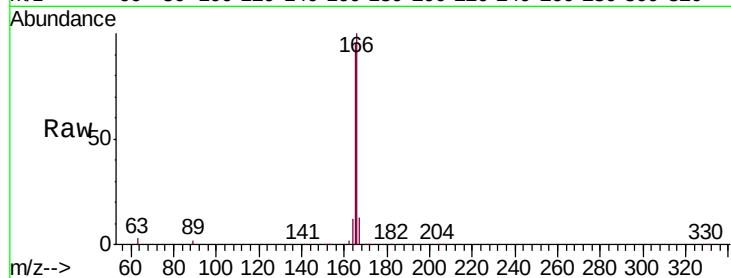
Tgt Ion:166 Resp: 278906

Ion Ratio Lower Upper

166 100

165 96.2 77.0 115.6

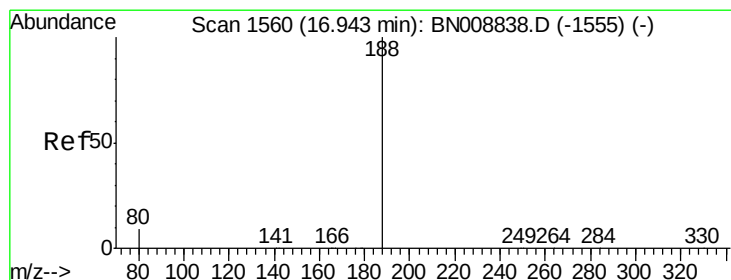
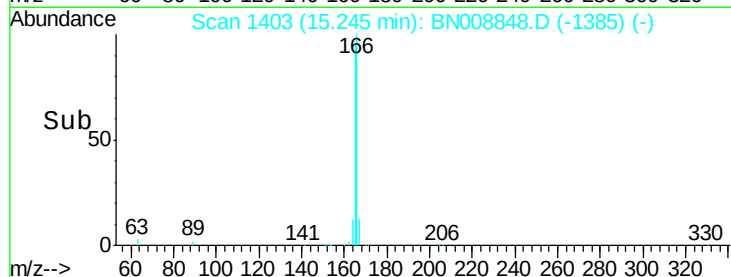
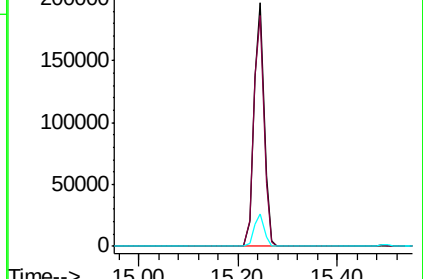
167 13.3 10.8 16.2



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# 1559

Delta R.T. -0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

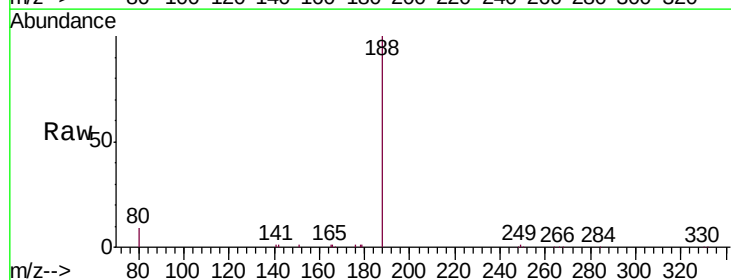
Tgt Ion:188 Resp: 25891

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

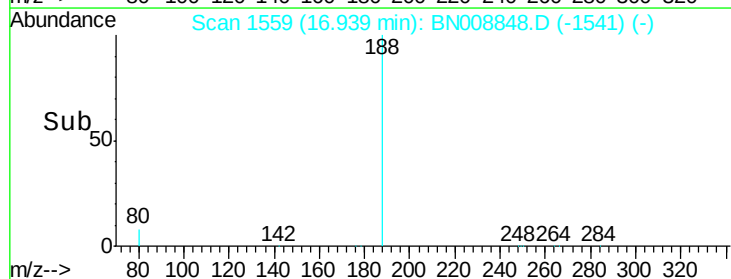
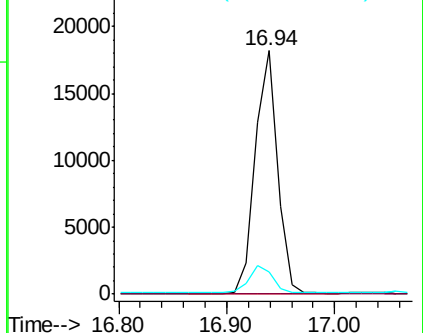
80 9.2 7.4 11.2

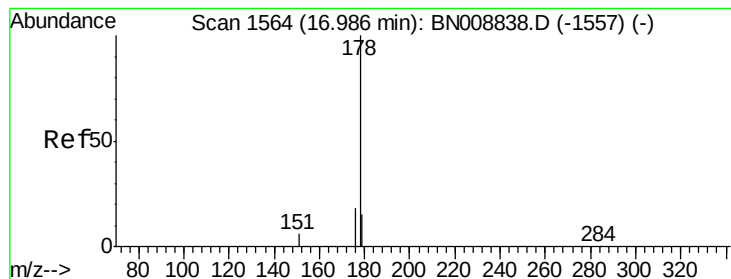


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Phenanthrene

Concen: 17.761 ng

RT: 16.98 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

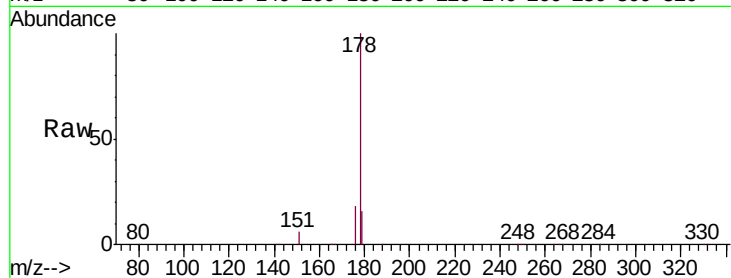
Tgt Ion:178 Resp: 1403587

Ion Ratio Lower Upper

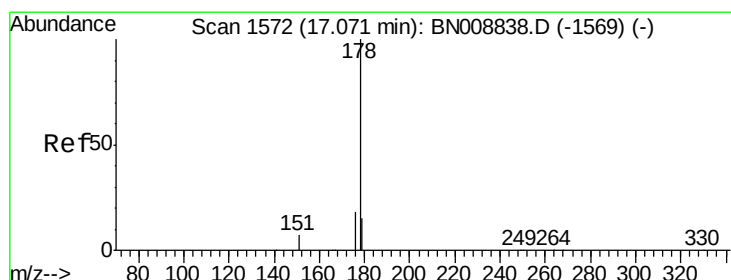
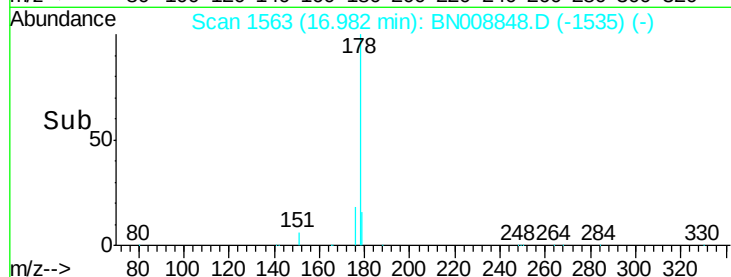
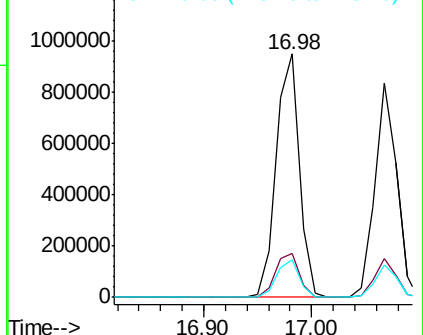
178 100

176 18.5 14.8 22.2

179 15.4 12.2 18.2



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



#24

Anthracene

Concen: 16.135 ng

RT: 17.07 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

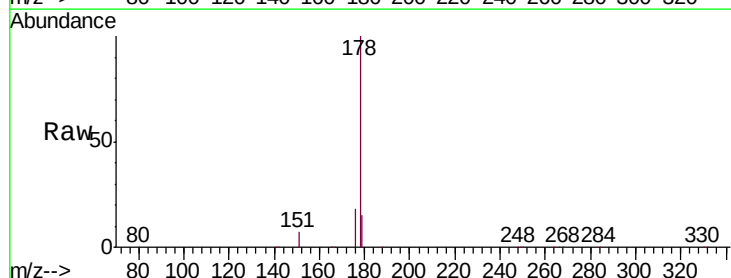
Tgt Ion:178 Resp: 1170865

Ion Ratio Lower Upper

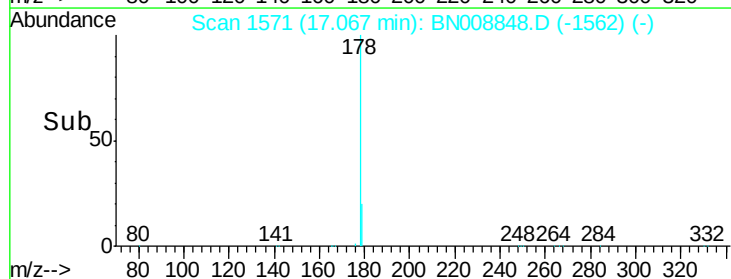
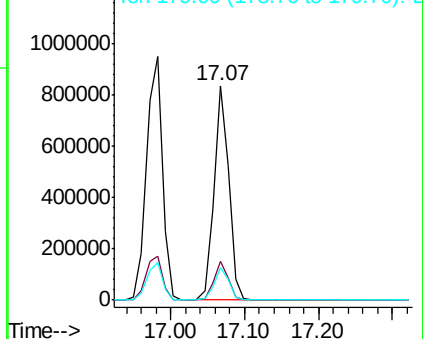
178 100

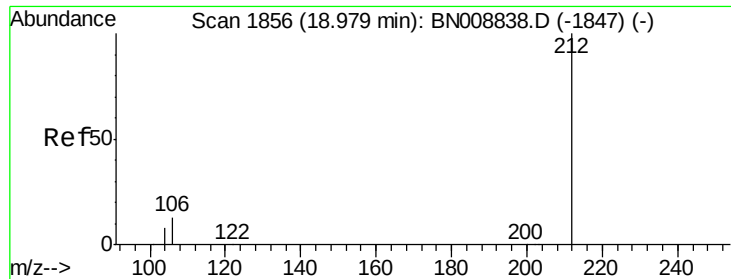
176 17.8 14.3 21.5

179 15.4 12.2 18.2



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





#25

Fluoranthene-d10

Concen: 0.346 ng

RT: 18.98 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

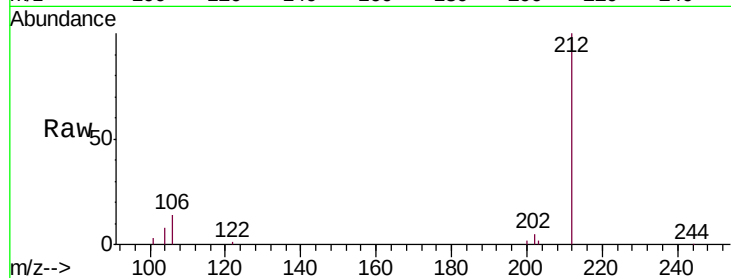
Tgt Ion:212 Resp: 27121

Ion Ratio Lower Upper

212 100

106 13.8 10.7 16.1

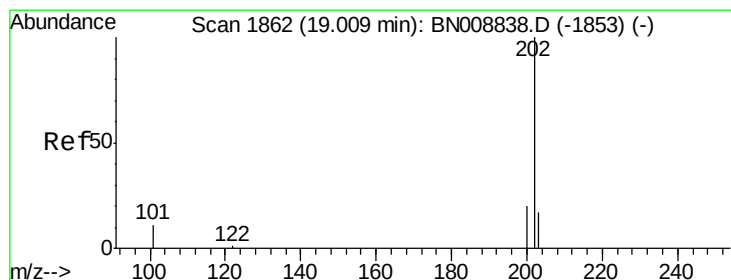
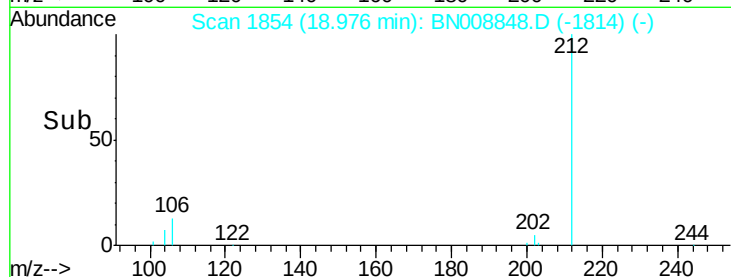
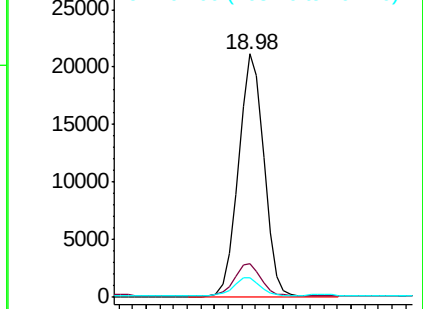
104 7.7 6.1 9.1



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: 9.402 ng

RT: 19.01 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

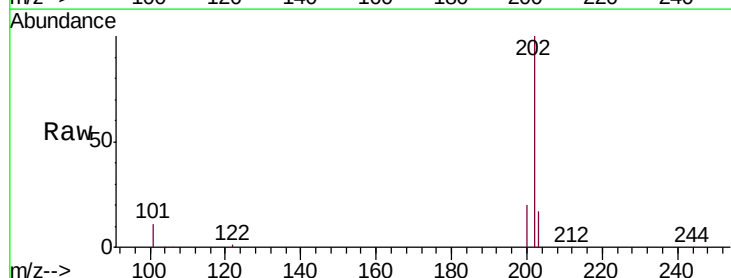
Tgt Ion:202 Resp: 894807

Ion Ratio Lower Upper

202 100

101 11.1 9.3 13.9

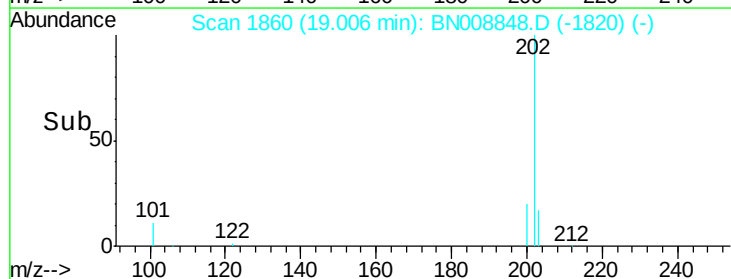
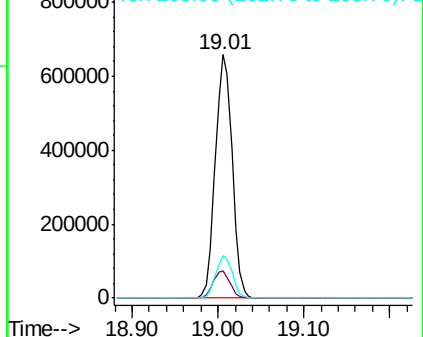
203 17.3 13.7 20.5

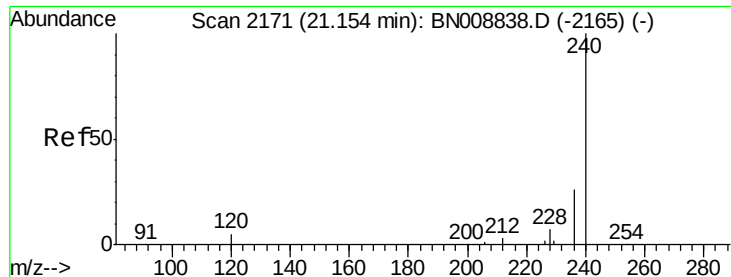


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

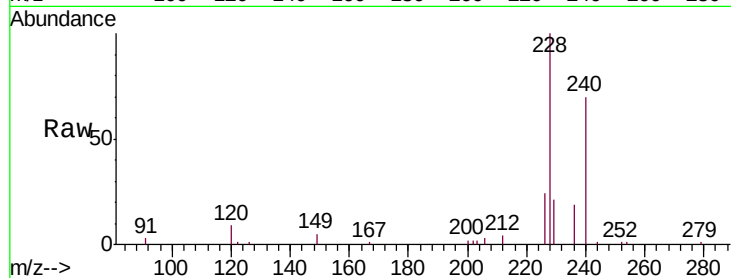




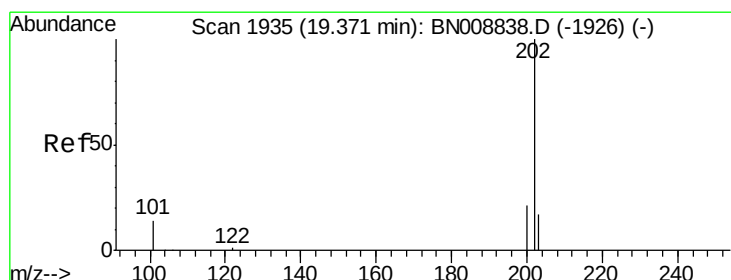
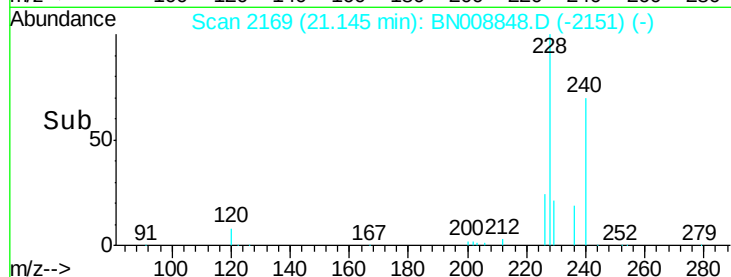
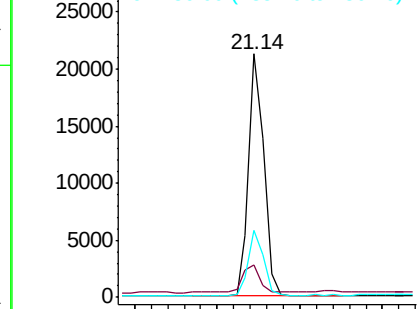
#27
Chrysene-d12
 Concen: 0.400 ng
 RT: 21.14 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BN008848.D
 Acq: 05 Dec 2019 14:41

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOIL

Tgt Ion:240 Resp: 27318
 Ion Ratio Lower Upper
 240 100
 120 13.5 6.0 9.0#
 236 27.4 21.4 32.0

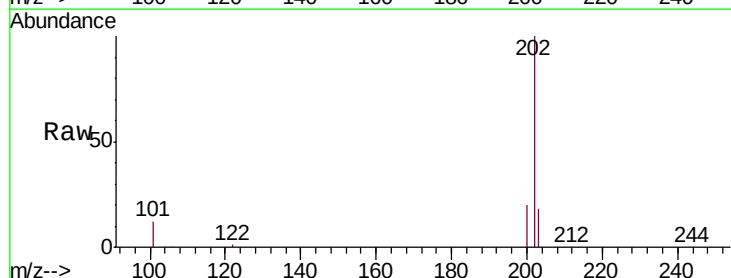


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

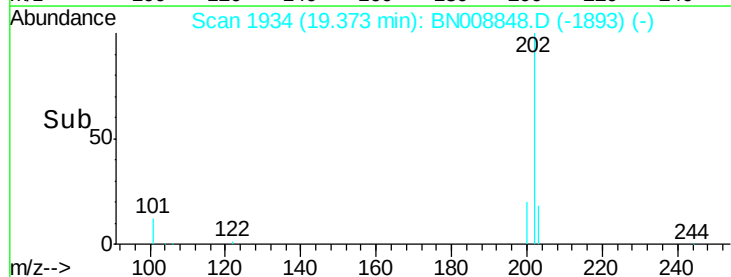
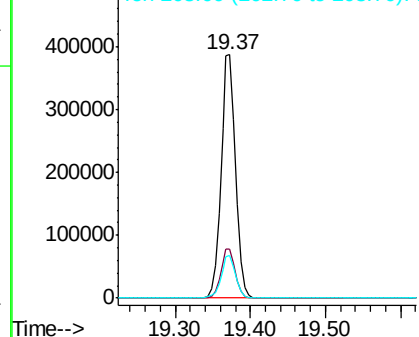


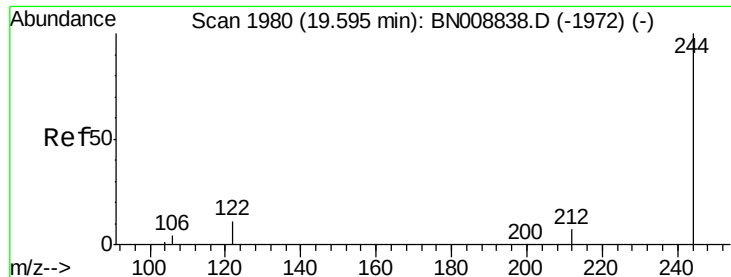
#28
Pyrene
 Concen: 5.510 ng
 RT: 19.37 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: BN008848.D
 Acq: 05 Dec 2019 14:41

Tgt Ion:202 Resp: 525132
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.2 24.2
 203 17.7 14.2 21.2



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: 0.322 ng

RT: 19.59 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

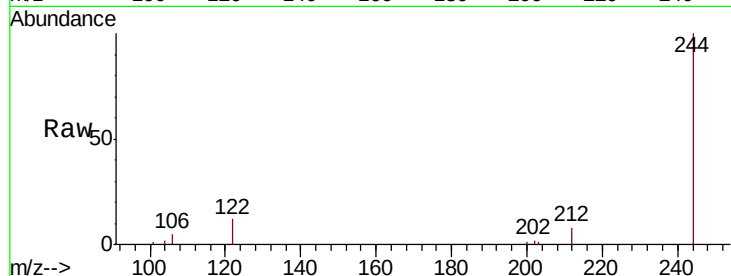
Tgt Ion:244 Resp: 20230

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 12.3 8.9 13.3

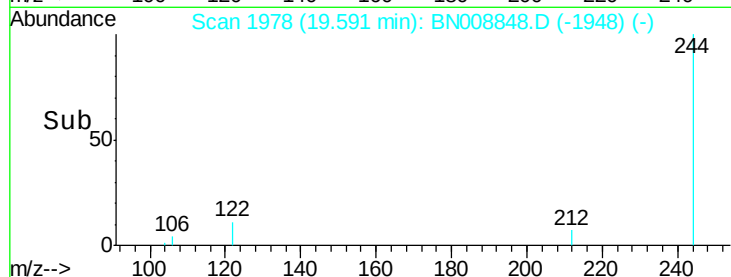


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



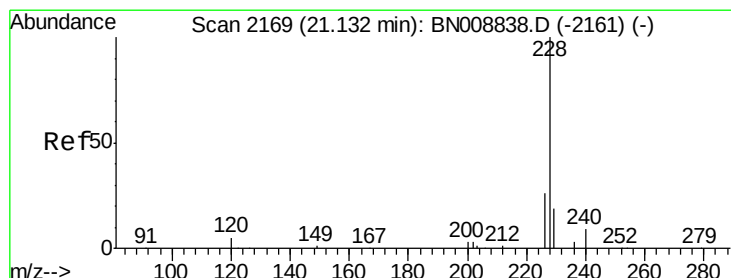
Abundance

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

Time-->



#30

Benzo(a)anthracene

Concen: 1.488 ng

RT: 21.13 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

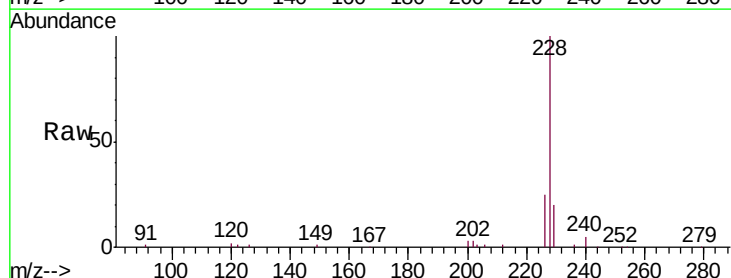
Tgt Ion:228 Resp: 146887

Ion Ratio Lower Upper

228 100

226 25.4 20.8 31.2

229 19.9 15.9 23.9

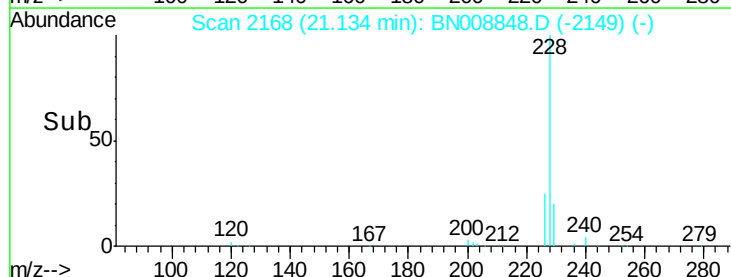


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



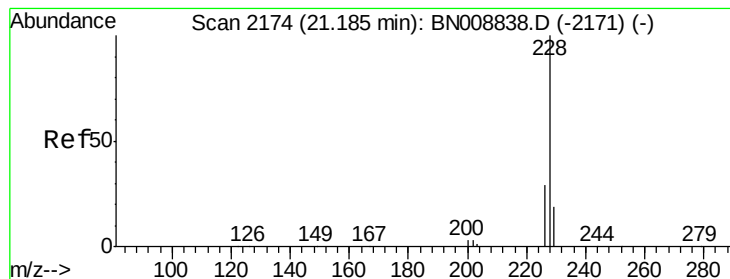
Abundance

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

Time-->



#31

Chrysene

Concen: 2.096 ng

RT: 21.19 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

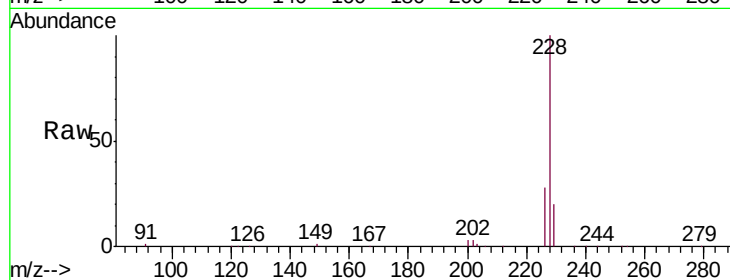
Tgt Ion:228 Resp: 200874

Ion Ratio Lower Upper

228 100

226 28.1 23.1 34.7

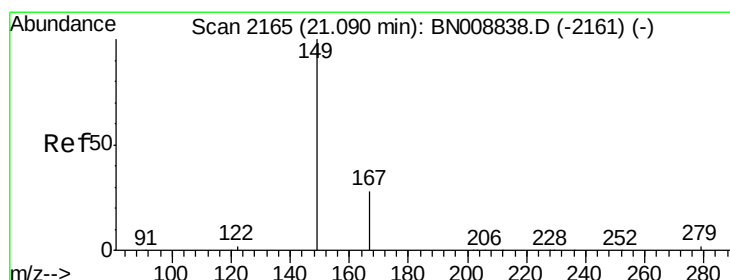
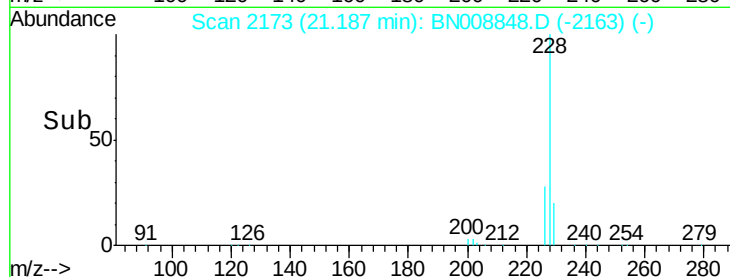
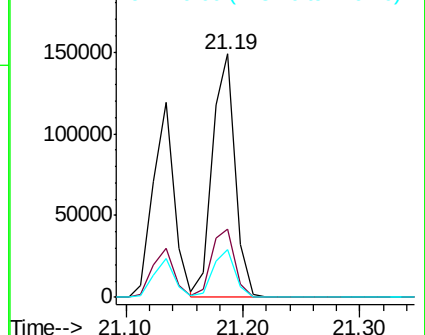
229 19.9 15.8 23.8



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: 0.200 ng

RT: 21.09 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

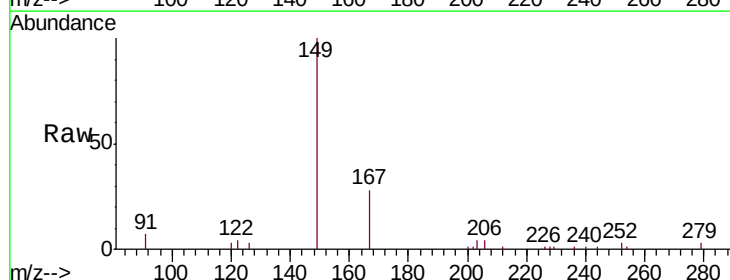
Tgt Ion:149 Resp: 13193

Ion Ratio Lower Upper

149 100

167 28.0 23.1 34.7

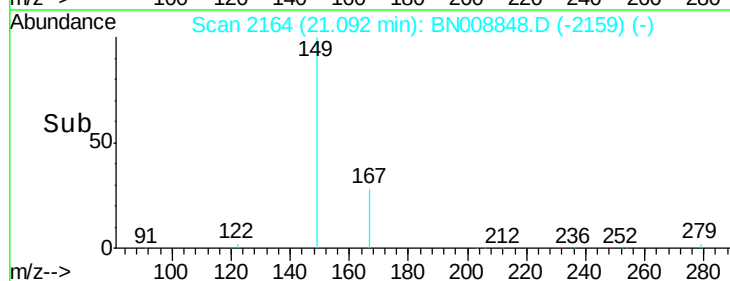
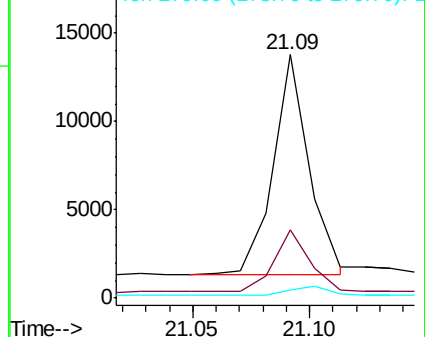
279 4.4 3.4 5.2

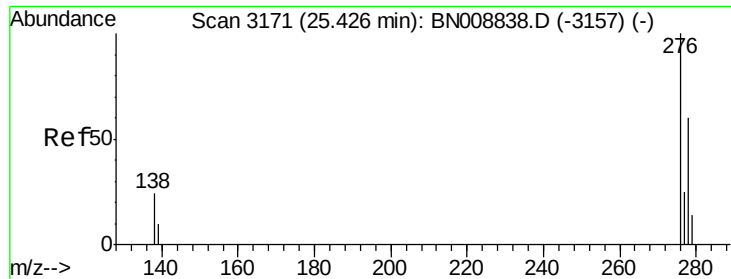


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 8.654 ng

RT: 25.43 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

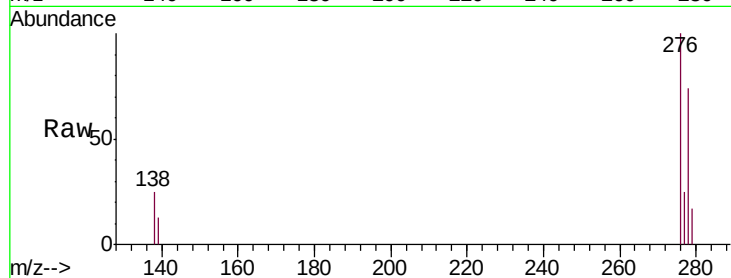
Tgt Ion:276 Resp: 1024002

Ion Ratio Lower Upper

276 100

138 25.9 20.2 30.2

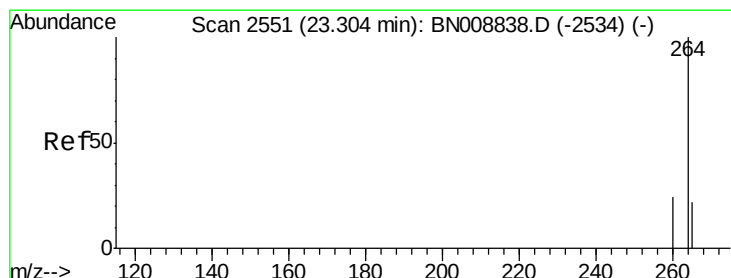
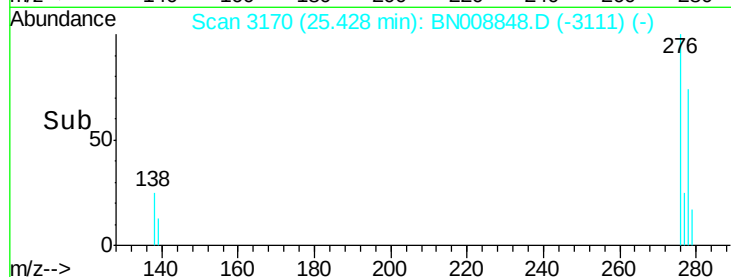
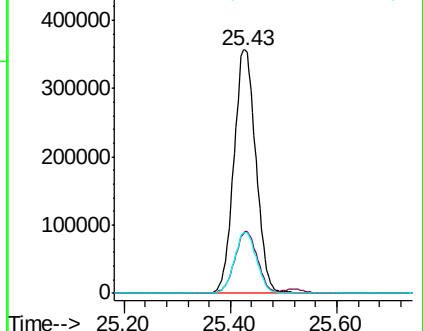
277 25.2 19.8 29.6



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: 23.30 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

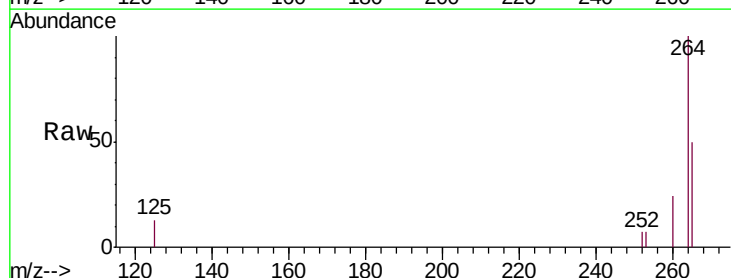
Tgt Ion:264 Resp: 30140

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

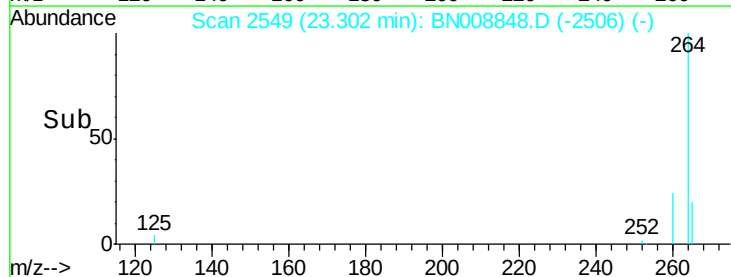
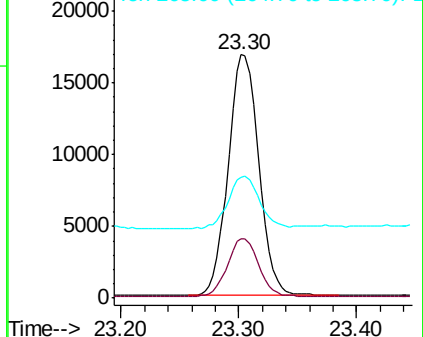
265 49.8 46.8 70.2

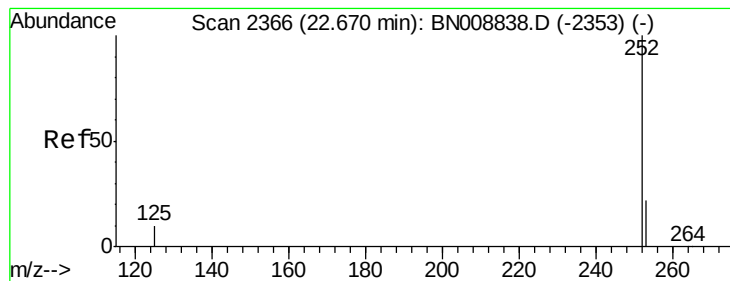


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 4.298 ng

RT: 22.67 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

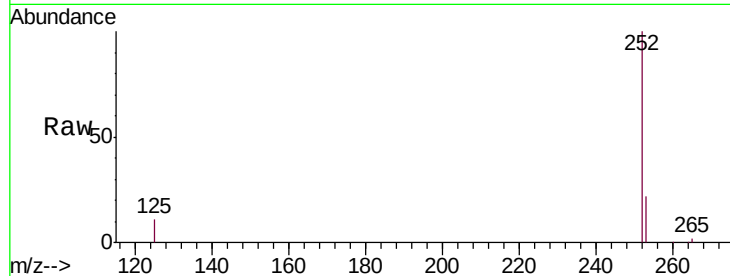
Tgt Ion:252 Resp: 430276

Ion Ratio Lower Upper

252 100

253 22.2 20.6 31.0

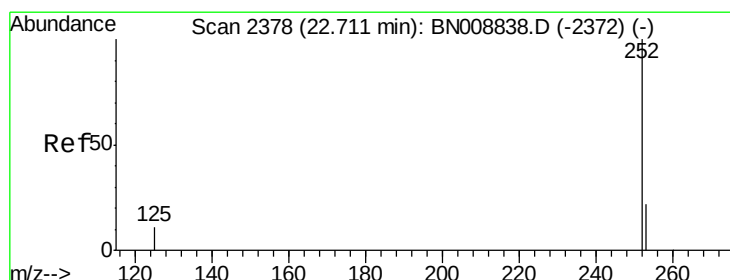
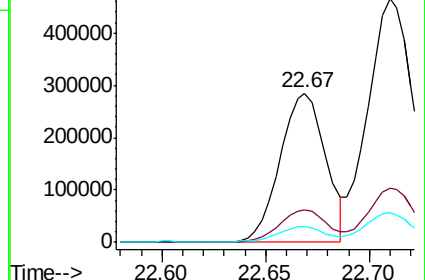
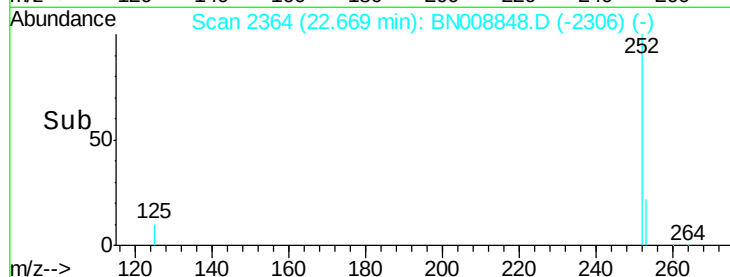
125 10.5 12.3 18.5#



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: 7.295 ng

RT: 22.71 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

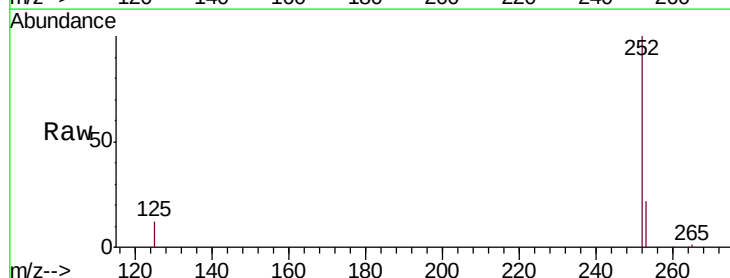
Tgt Ion:252 Resp: 717514

Ion Ratio Lower Upper

252 100

253 22.4 21.0 31.4

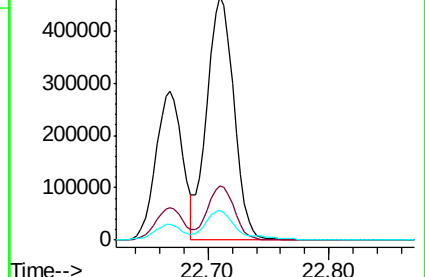
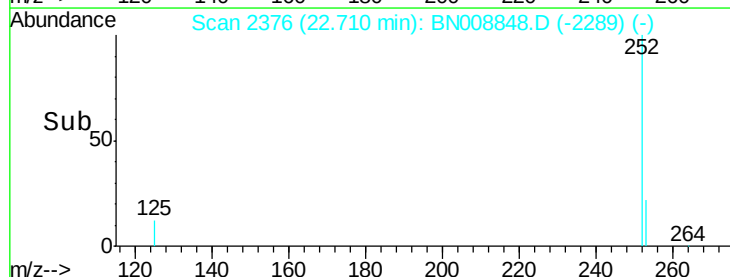
125 12.2 13.5 20.3#

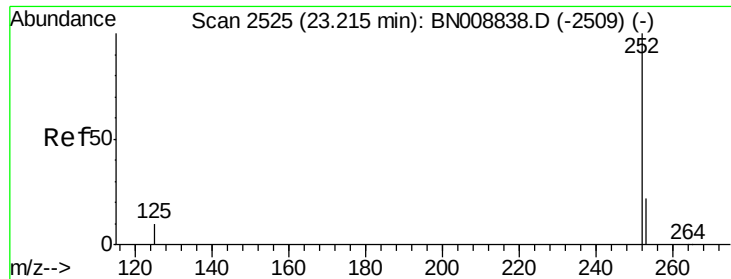


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 4.580 ng

RT: 23.21 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

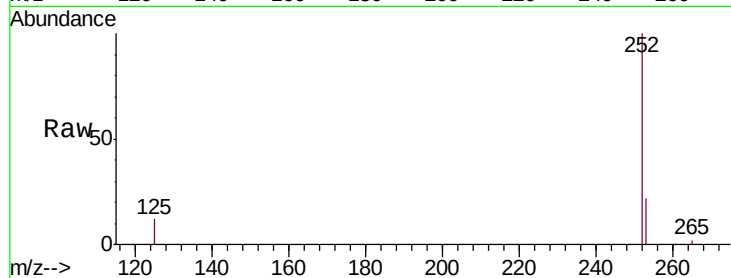
Tgt Ion:252 Resp: 432408

Ion Ratio Lower Upper

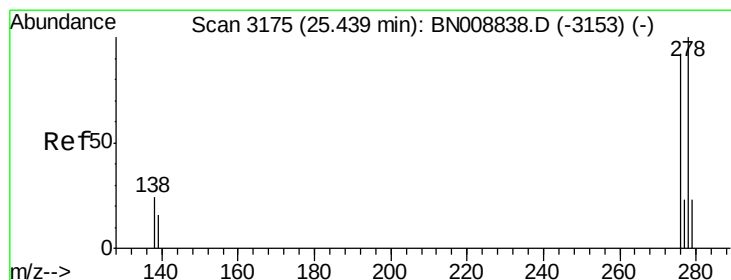
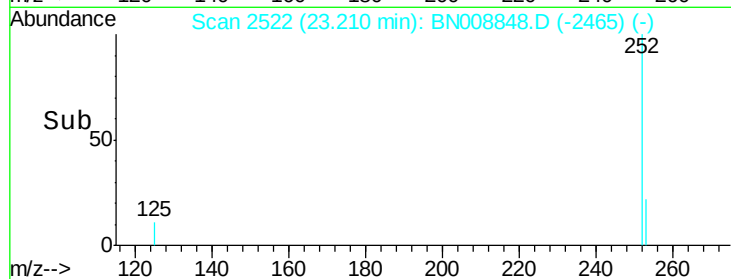
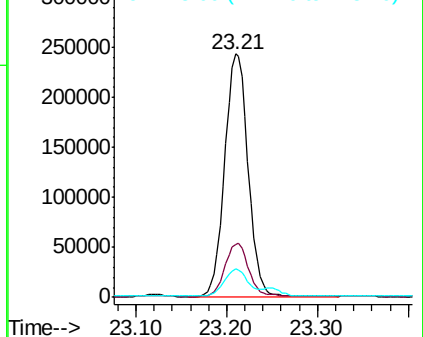
252 100

253 21.9 21.4 32.2

125 11.5 13.7 20.5#



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: 9.841 ng

RT: 25.44 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

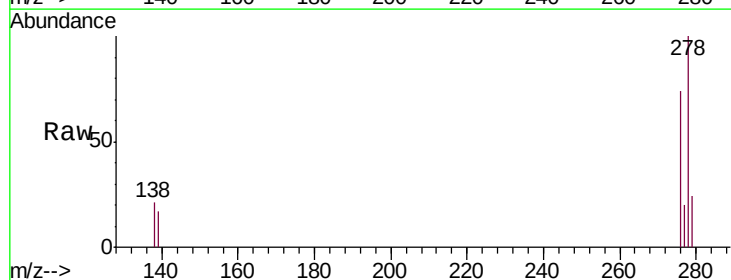
Tgt Ion:278 Resp: 948948

Ion Ratio Lower Upper

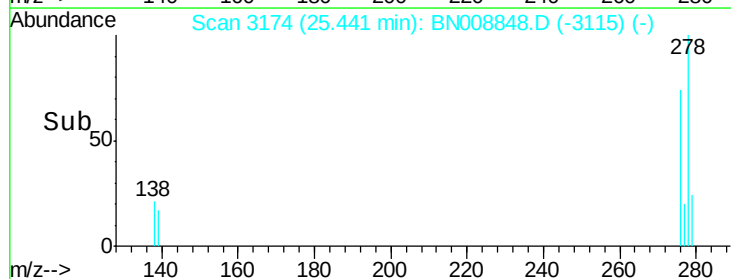
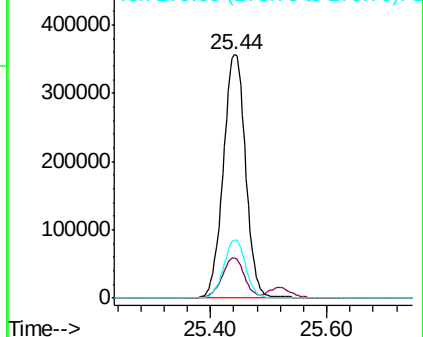
278 100

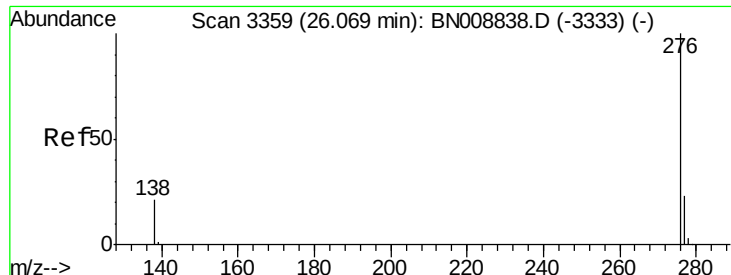
139 16.7 15.3 22.9

279 23.6 21.2 31.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 2.961 ng

RT: 26.07 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BN008848.D

Acq: 05 Dec 2019 14:41

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

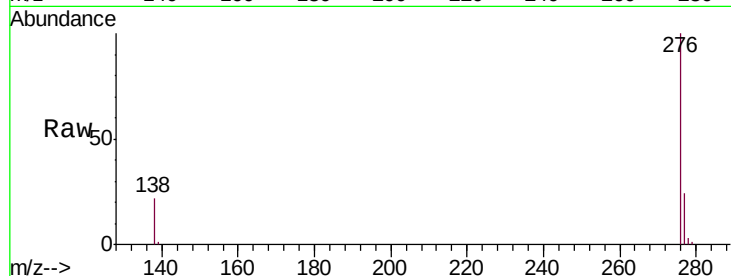
Tgt Ion: 276 Resp: 289030

Ion Ratio Lower Upper

276 100

277 23.5 20.1 30.1

138 21.7 18.6 27.8



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

