

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111021\
 Data File : BN017379.D
 Acq On : 10 Nov 2021 10:42
 Operator : CG/JU
 Sample : M4386-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOIL

Quant Time: Nov 10 11:15:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 10 11:00:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

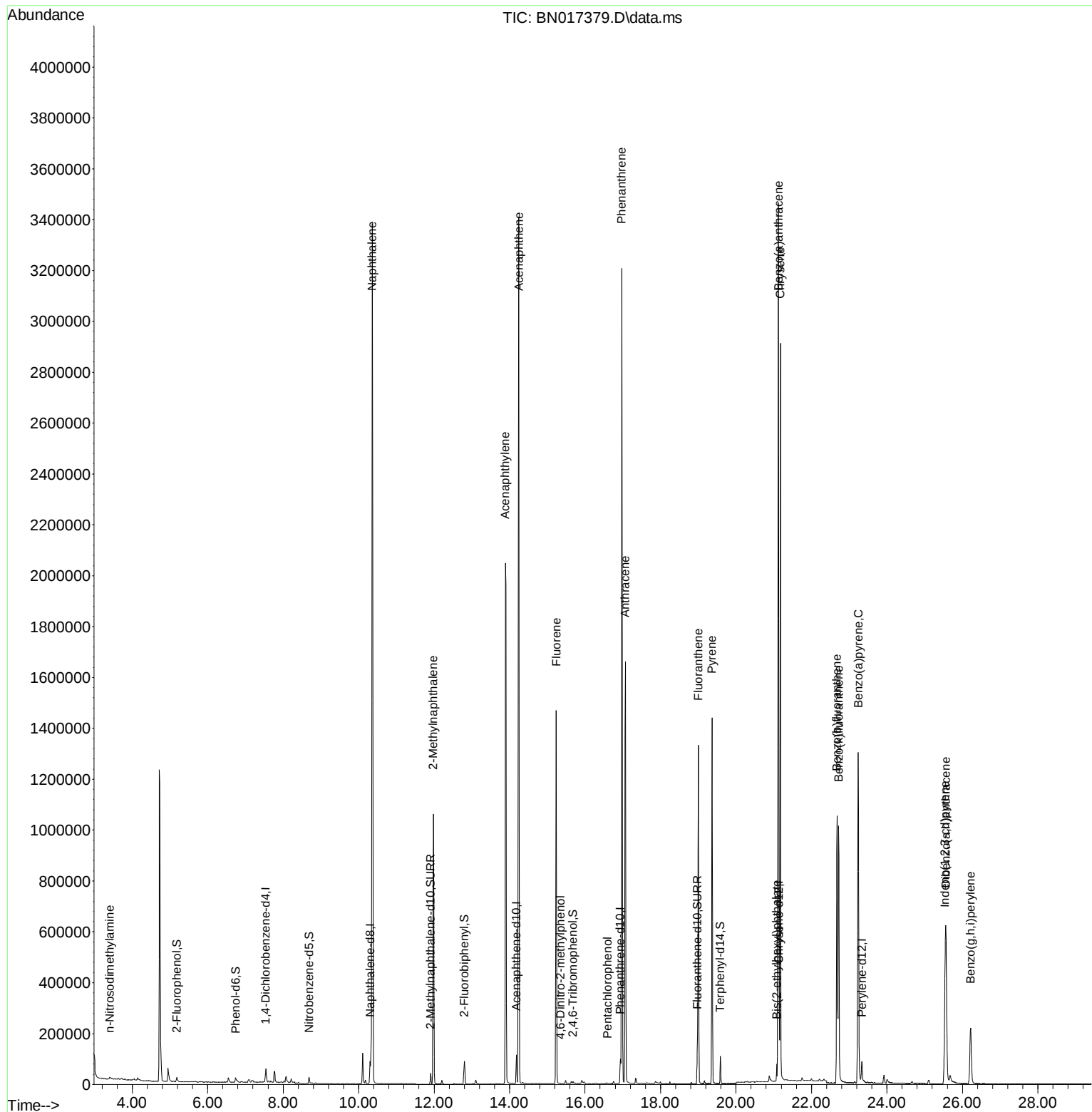
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	26321	0.400	ng	0.00
7) Naphthalene-d8	10.307	136	117439	0.400	ng	# 0.00
13) Acenaphthene-d10	14.182	164	62231	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	125343	0.400	ng	0.00
29) Chrysene-d12	21.144	240	113272	0.400	ng	0.01
35) Perylene-d12	23.335	264	103492	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.182	112	17857	0.294	ng	0.02
5) Phenol-d6	6.740	99	18868	0.282	ng	0.00
8) Nitrobenzene-d5	8.685	82	23356	0.331	ng	0.00
11) 2-Methylnaphthalene-d10	11.907	152	58378	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.679	330	6126	0.264	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	77044	0.325	ng	0.00
27) Fluoranthene-d10	18.975	212	127179	0.398	ng	0.00
31) Terphenyl-d14	19.586	244	108366	0.429	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.402	42	2640	0.117	ng	# 1
9) Naphthalene	10.358	128	4422411	14.293	ng	99
12) 2-Methylnaphthalene	11.982	142	758654	3.726	ng	100
16) Acenaphthylene	13.890	152	2536376	9.999	ng	100
17) Acenaphthene	14.245	154	1700654	9.735	ng	96
18) Fluorene	15.235	166	865693	4.149	ng	99
20) 4,6-Dinitro-2-methylph...	15.349	198	35	0.189	ng	# 1
24) Pentachlorophenol	16.593	266	290	0.227	ng	# 87
25) Phenanthrene	16.970	178	3166157	8.815	ng	100
26) Anthracene	17.068	178	1868533	6.245	ng	100
28) Fluoranthene	19.005	202	1200612	3.099	ng	100
30) Pyrene	19.367	202	1232984	3.369	ng	100
32) Benzo(a)anthracene	21.123	228	2816148	8.194	ng	99
33) Chrysene	21.176	228	2180615	5.962	ng	99
34) Bis(2-ethylhexyl)phtha...	21.080	149	65201	0.538	ng	96
36) Indeno(1,2,3-cd)pyrene	25.543	276	681138	1.880	ng	97
37) Benzo(b)fluoranthene	22.678	252	1279311	3.781	ng	100
38) Benzo(k)fluoranthene	22.723	252	1167901	3.451	ng	98
39) Benzo(a)pyrene	23.240	252	1871109	6.248	ng	99
40) Dibenzo(a,h)anthracene	25.564	278	766132	2.629	ng	99
41) Benzo(g,h,i)perylene	26.218	276	449622	1.431	ng	100

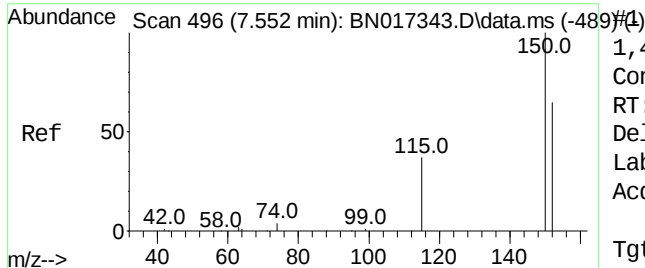
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111021\
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QLast Update : Wed Nov 10 11:00:44 2021
Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.543 min Scan# 4

Delta R.T. 0.001 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

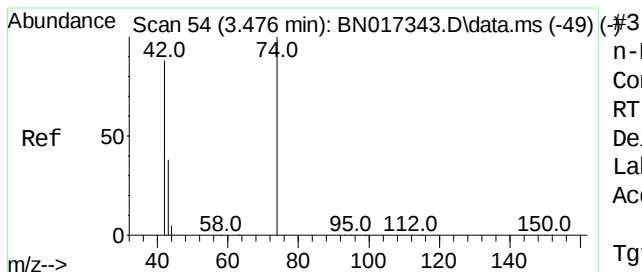
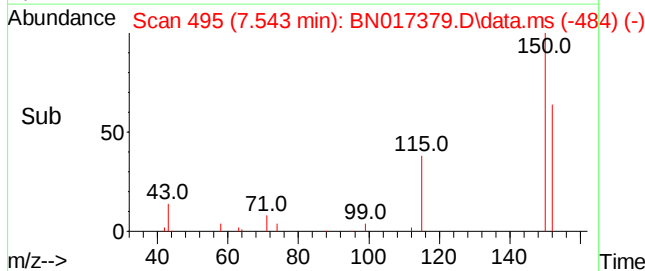
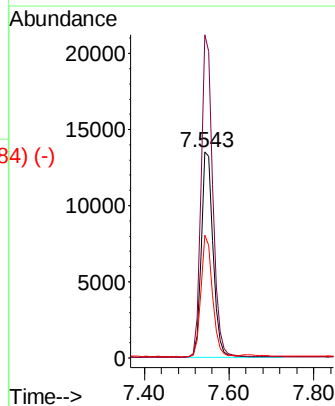
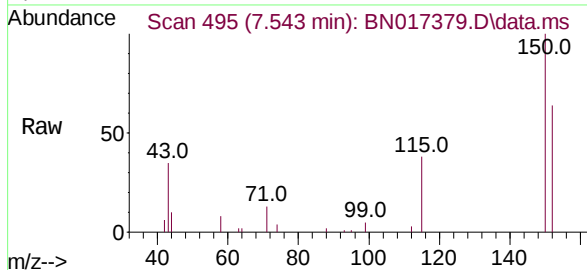
Tgt Ion:152 Resp: 26321

Ion Ratio Lower Upper

152 100

150 156.7 123.0 184.4

115 59.4 45.6 68.4



n-Nitrosodimethylamine

Concen: 0.117 ng

RT: 3.402 min Scan# 46

Delta R.T. -0.074 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

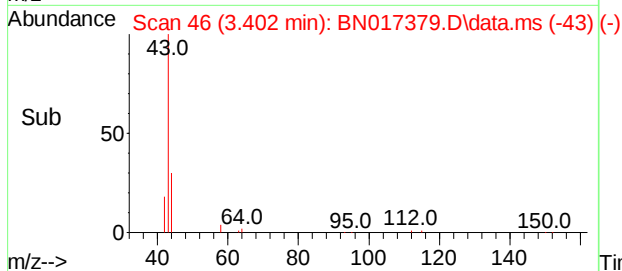
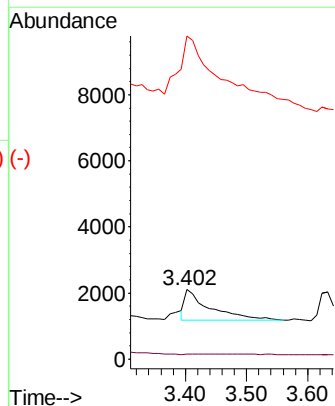
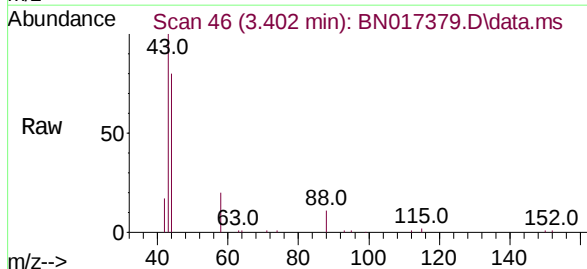
Tgt Ion: 42 Resp: 2640

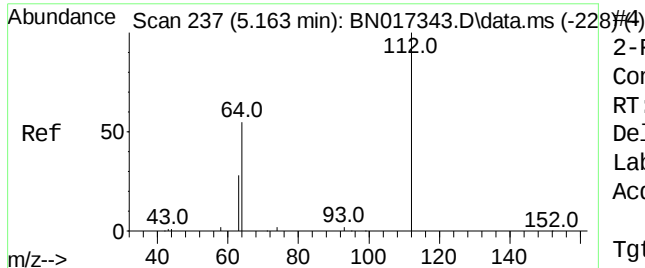
Ion Ratio Lower Upper

42 100

74 0.0 97.8 146.6#

44 243.2 5.5 8.3#





2-Fluorophenol

Concen: 0.294 ng

RT: 5.182 min Scan# 1

Delta R.T. 0.019 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

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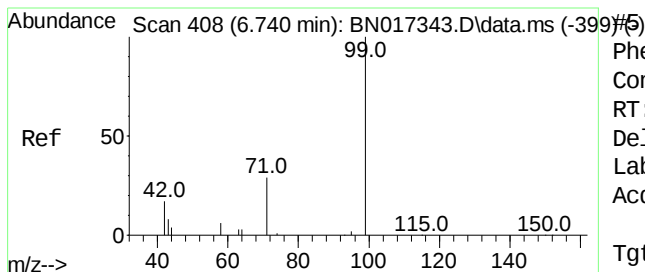
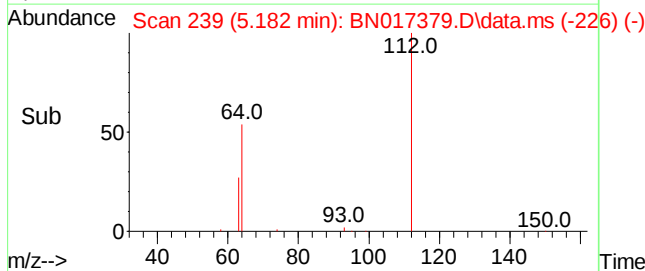
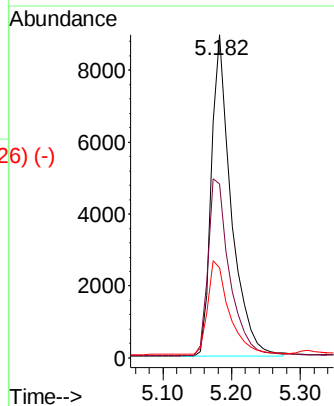
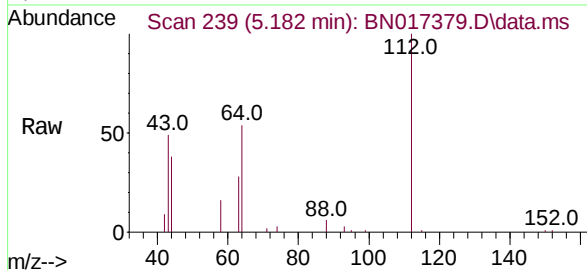
Tgt Ion: 112 Resp: 17857

Ion Ratio Lower Upper

112 100

64 59.6 47.6 71.4

63 31.4 24.6 37.0



Phenol-d6

Concen: 0.282 ng

RT: 6.740 min Scan# 408

Delta R.T. 0.009 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

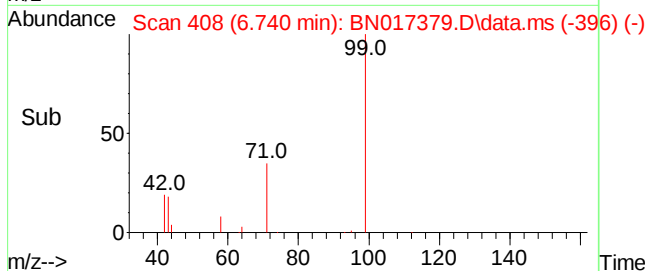
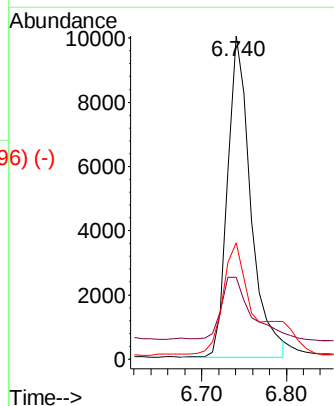
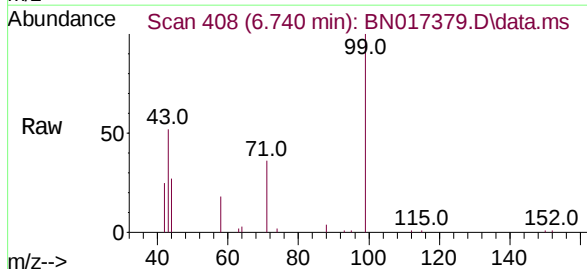
Tgt Ion: 99 Resp: 18868

Ion Ratio Lower Upper

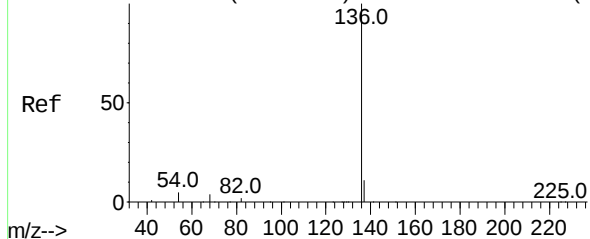
99 100

42 24.1 17.0 25.6

71 43.6 24.8 37.2#



Abundance Scan 737 (10.319 min): BN017343.D\data.ms (-7307-)



Naphthalene-d8

Concen: 0.400 ng

RT: 10.307 min Scan#

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

Tgt Ion:136 Resp: 117439

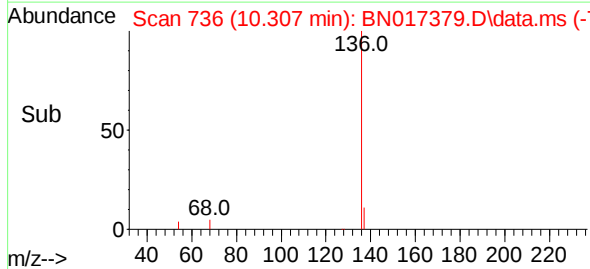
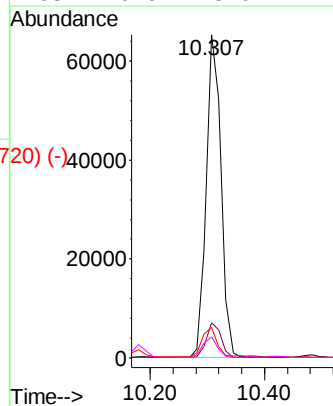
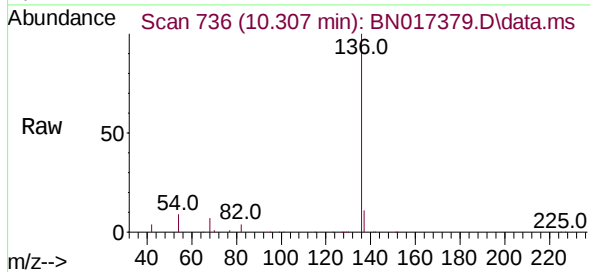
Ion Ratio Lower Upper

136 100

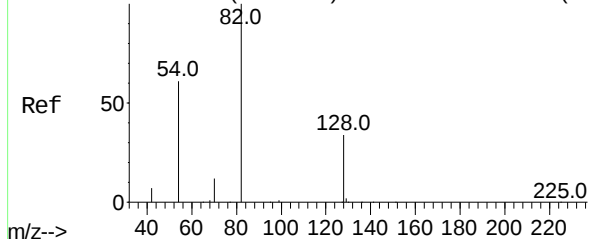
137 10.9 8.8 13.2

54 9.4 4.0 6.0#

68 6.6 3.0 4.6#



Abundance Scan 608 (8.684 min): BN017343.D\data.ms (-60578)



Nitrobenzene-d5

Concen: 0.331 ng

RT: 8.685 min Scan# 608

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

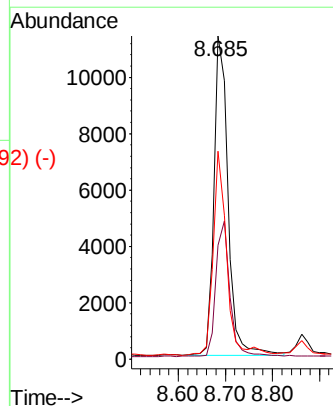
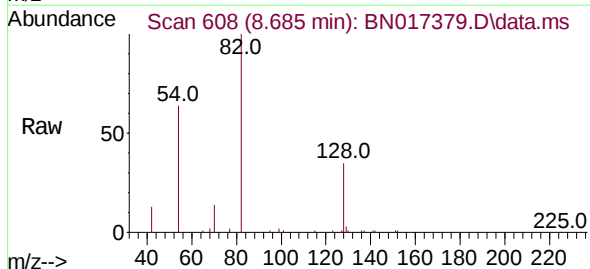
Tgt Ion: 82 Resp: 23356

Ion Ratio Lower Upper

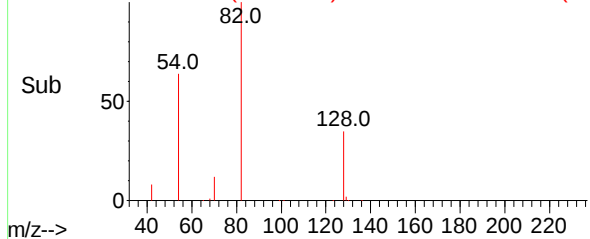
82 100

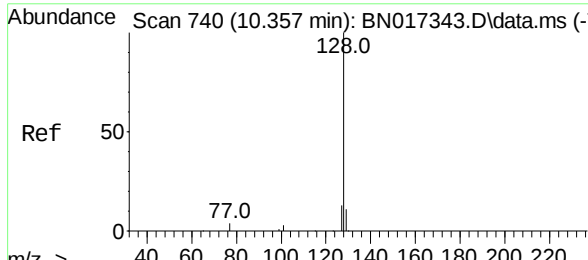
128 35.3 27.7 41.5

54 64.3 49.2 73.8



Abundance Scan 608 (8.685 min): BN017379.D\data.ms (-592) (-)

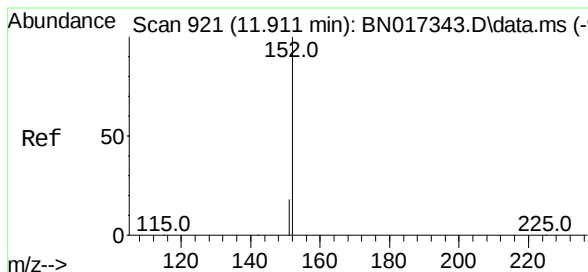
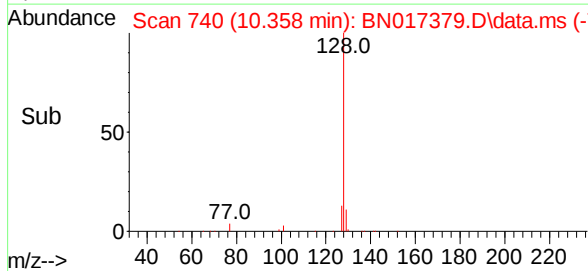
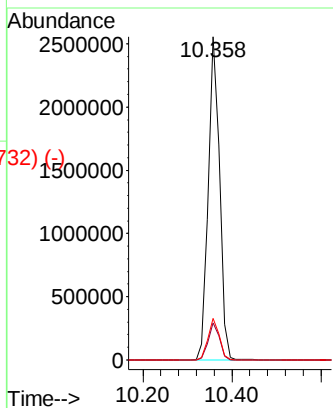
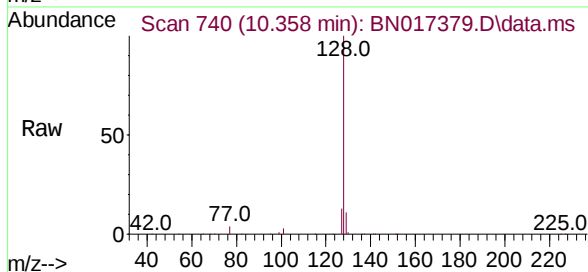




Naphthalene
 Concen: 14.293 ng
 RT: 10.358 min Scan#
 Delta R.T. 0.000 min
 Lab File: BN017379.D
 Acq: 10 Nov 2021 10:42

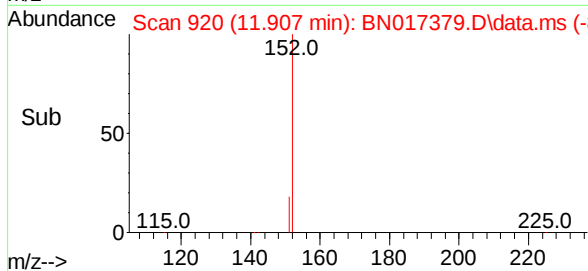
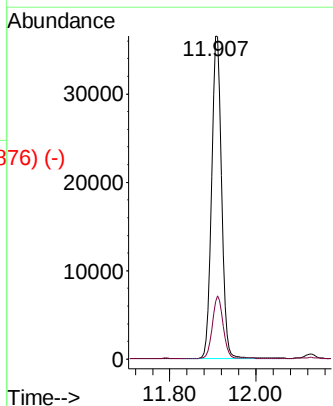
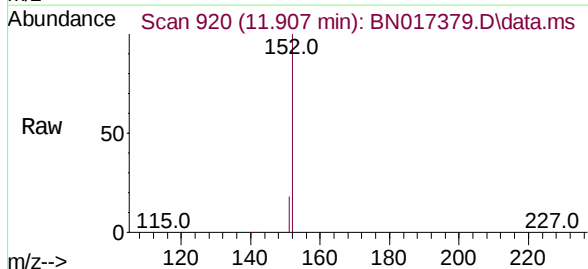
Instrument :
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 PT-PAH-SOIL

Tgt Ion:128 Resp: 4422411
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.8 13.2
 127 12.9 10.6 15.8

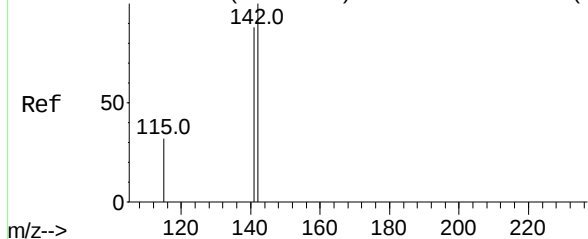


2-Methylnaphthalene-d10
 Concen: 0.338 ng
 RT: 11.907 min Scan# 920
 Delta R.T. -0.004 min
 Lab File: BN017379.D
 Acq: 10 Nov 2021 10:42

Tgt Ion:152 Resp: 58378
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.2 24.4



Abundance Scan 938 (11.986 min): BN017343.D\data.ms (-927) (-)



2-Methylnaphthalene

Concen: 3.726 ng

RT: 11.982 min Scan# 938

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

Tgt Ion:142 Resp: 758654

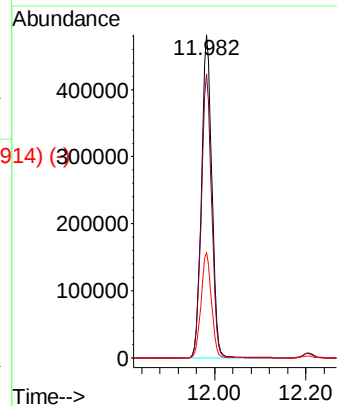
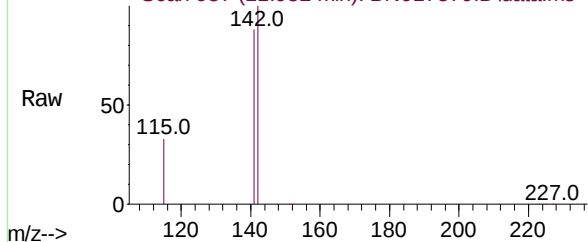
Ion Ratio Lower Upper

142 100

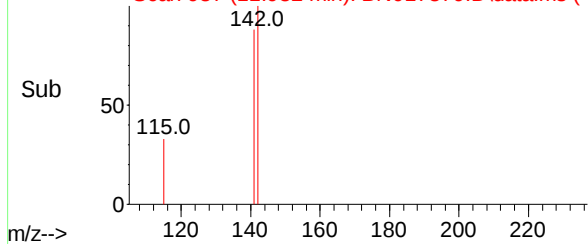
141 88.0 70.6 106.0

115 32.7 25.8 38.6

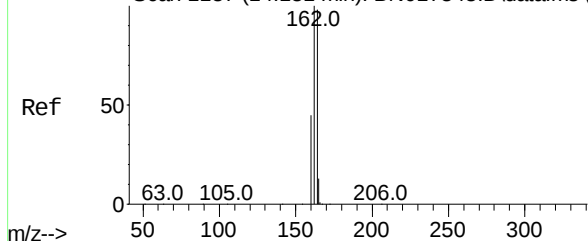
Abundance Scan 937 (11.982 min): BN017379.D\data.ms



Abundance Scan 937 (11.982 min): BN017379.D\data.ms (-914) (-)



Abundance Scan 1187 (14.181 min): BN017343.D\data.ms (-1171) (-)



Acenaphthene-d10

Concen: 0.400 ng

RT: 14.182 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

Tgt Ion:164 Resp: 62231

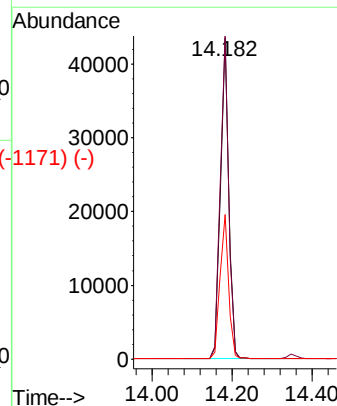
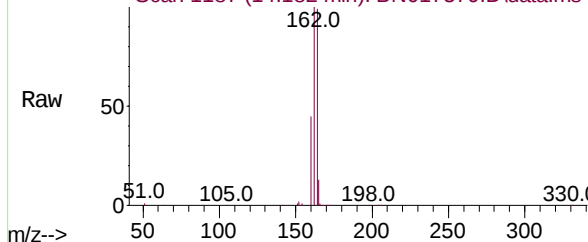
Ion Ratio Lower Upper

164 100

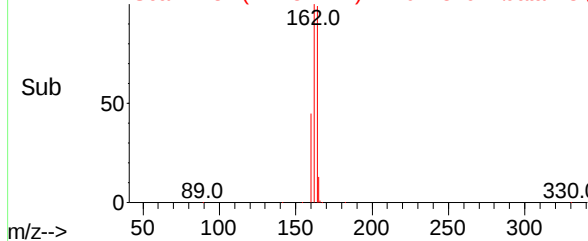
162 100.5 81.4 122.2

160 44.9 36.8 55.2

Abundance Scan 1187 (14.182 min): BN017379.D\data.ms



Abundance Scan 1187 (14.182 min): BN017379.D\data.ms (-1171) (-)



Abundance Scan 1305 (15.678 min): BN017343.D\data.ms (-1304) (-)

2,4,6-Tribromophenol

Concen: 0.264 ng

RT: 15.679 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BN017379.D

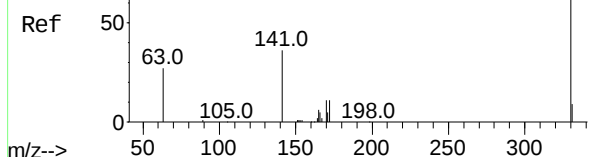
Acq: 10 Nov 2021 10:42

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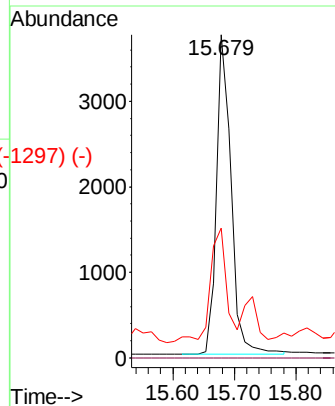
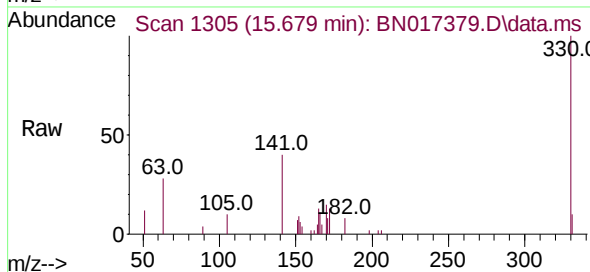
Tgt Ion:330 Resp: 6126

Ion Ratio Lower Upper

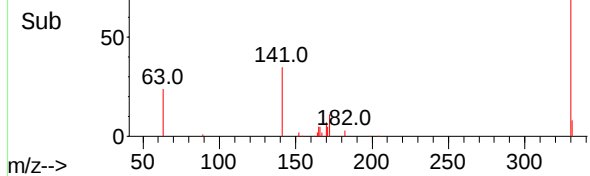
330 100

332 0.0 0.0 0.0

141 39.7 28.9 43.3



Abundance Scan 1305 (15.679 min): BN017379.D\data.ms (-1297) (-)



Abundance Scan 1078 (12.798 min): BN017343.D\data.ms (-1074) (-)

2-Fluorobiphenyl

Concen: 0.325 ng

RT: 12.799 min Scan# 1078

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

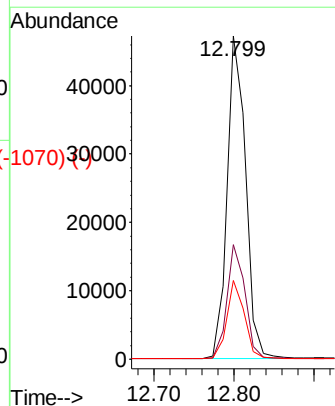
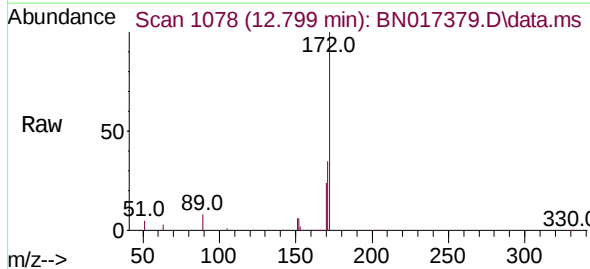
Tgt Ion:172 Resp: 77044

Ion Ratio Lower Upper

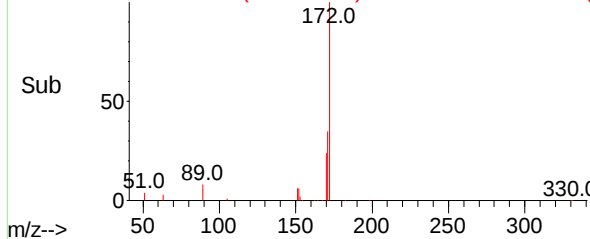
172 100

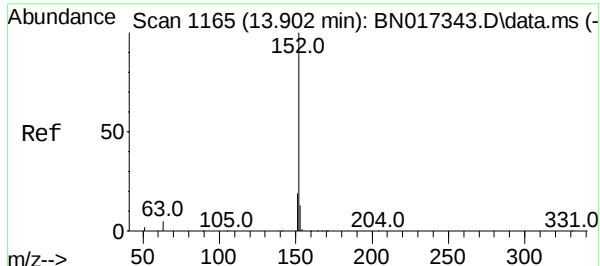
171 35.5 28.7 43.1

170 24.3 19.4 29.2



Abundance Scan 1078 (12.799 min): BN017379.D\data.ms (-1070) (-)





Acenaphthylene

Concen: 9.999 ng

RT: 13.890 min Scan# 1165

Delta R.T. -0.013 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

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BNA_N

ClientSampleId :

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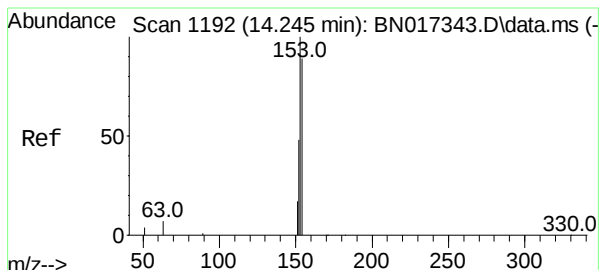
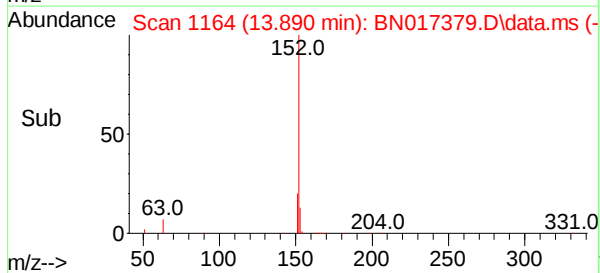
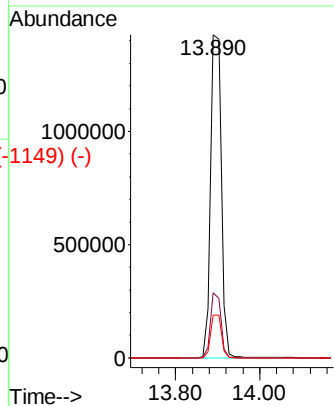
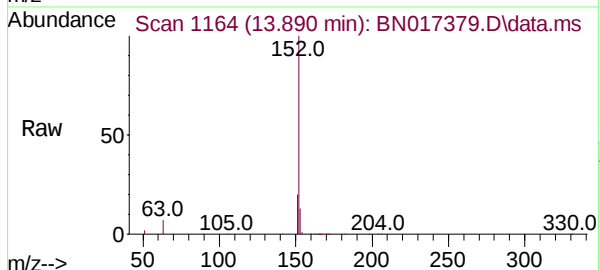
Tgt Ion:152 Resp: 2536376

Ion Ratio Lower Upper

152 100

151 19.4 15.5 23.3

153 13.3 10.4 15.6



Acenaphthene

Concen: 9.735 ng

RT: 14.245 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

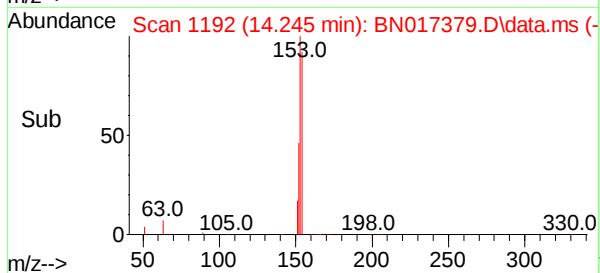
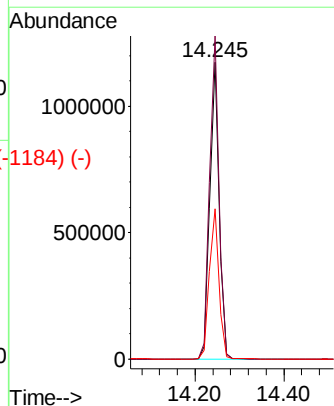
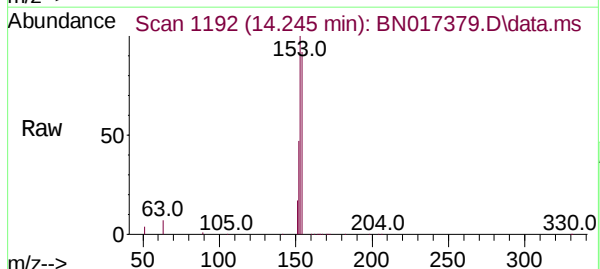
Tgt Ion:154 Resp: 1700654

Ion Ratio Lower Upper

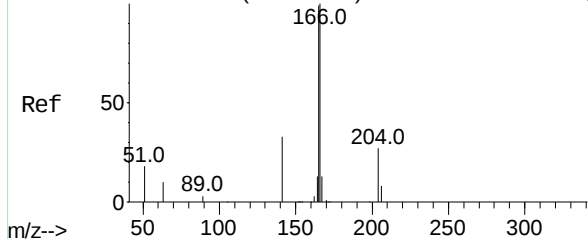
154 100

153 110.4 91.2 136.8

152 52.1 44.3 66.5



Abundance Scan 1270 (15.234 min): BN017343.D\data.ms (-1264) (-)



Fluorene

Concen: 4.149 ng

RT: 15.235 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

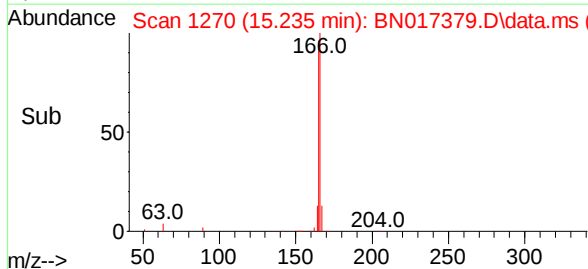
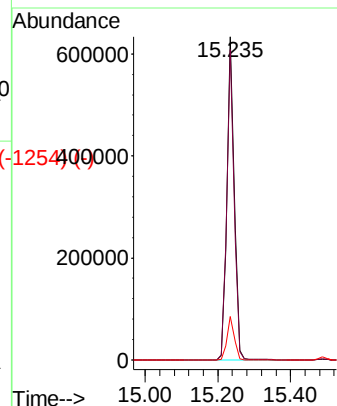
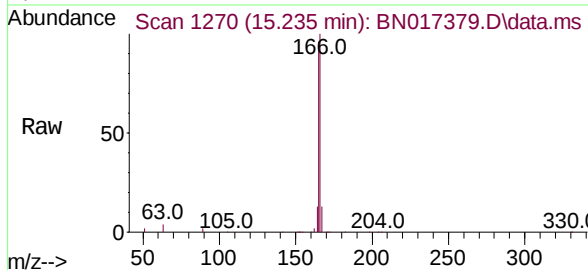
Tgt Ion:166 Resp: 865693

Ion Ratio Lower Upper

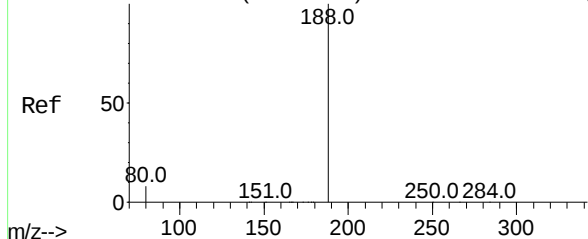
166 100

165 96.3 77.9 116.9

167 13.4 10.9 16.3



Abundance Scan 1407 (16.934 min): BN017343.D\data.ms (-1391) (-)



Phenanthrene-d10

Concen: 0.400 ng

RT: 16.934 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

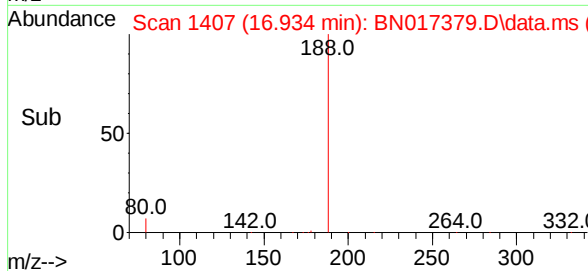
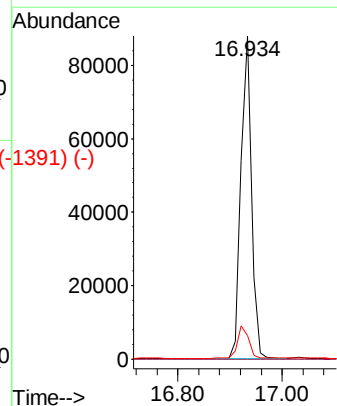
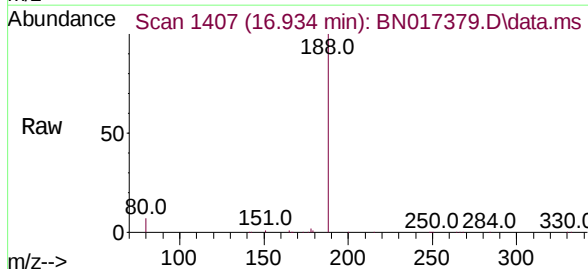
Tgt Ion:188 Resp: 125343

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.3 6.1 9.1



Abundance Scan 1278 (15.336 min): BN017343.D\data.ms (-1278) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.189 ng

RT: 15.349 min Scan# 1278

Delta R.T. 0.013 min

Lab File: BN017379.D

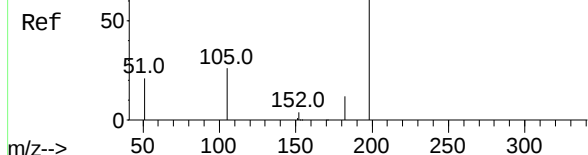
Acq: 10 Nov 2021 10:42

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL



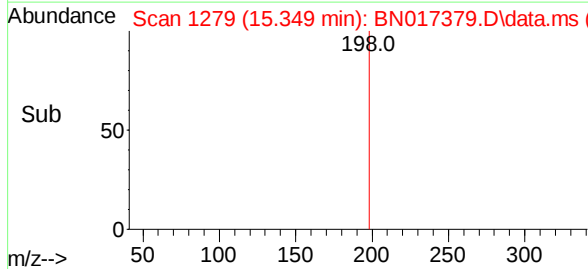
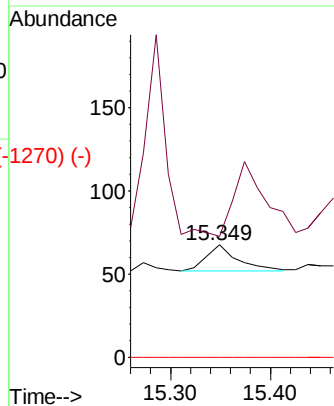
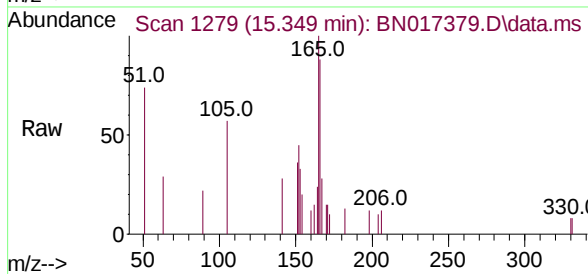
Tgt Ion:198 Resp: 35

Ion Ratio Lower Upper

198 100

182 107.4 11.4 17.2#

77 0.0 0.0 0.0



Abundance Scan 1379 (16.593 min): BN017343.D\data.ms (-1379) (-)

Pentachlorophenol

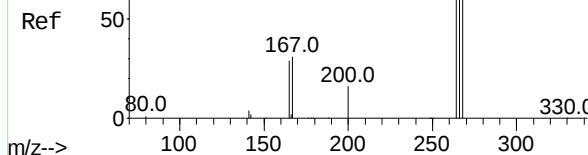
Concen: 0.227 ng

RT: 16.593 min Scan# 1379

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42



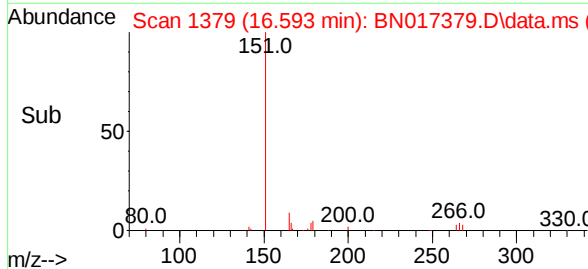
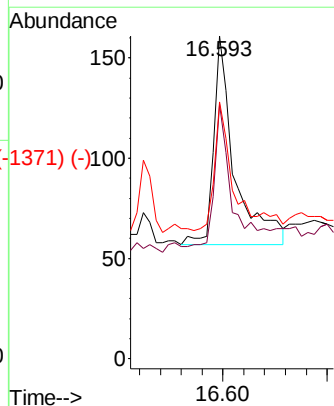
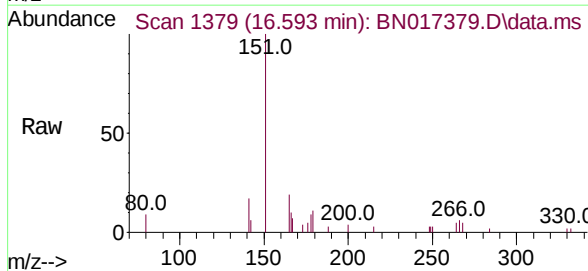
Tgt Ion:266 Resp: 290

Ion Ratio Lower Upper

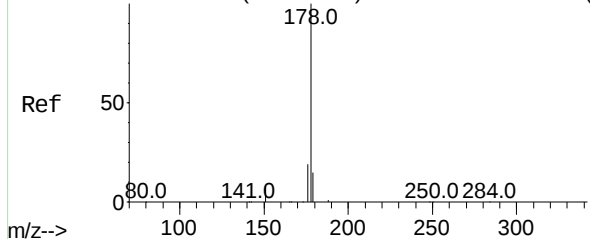
266 100

264 56.9 49.8 74.8

268 50.0 51.3 76.9#



Abundance Scan 1410 (16.970 min): BN017343.D\data.ms (-1425) (-)



Phenanthrene

Concen: 8.815 ng

RT: 16.970 min Scan# 1410

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

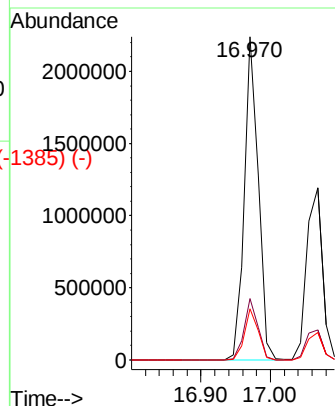
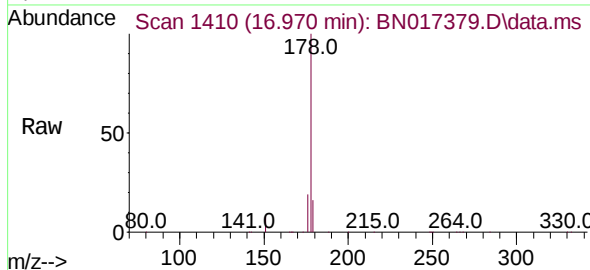
Tgt Ion:178 Resp: 3166157

Ion Ratio Lower Upper

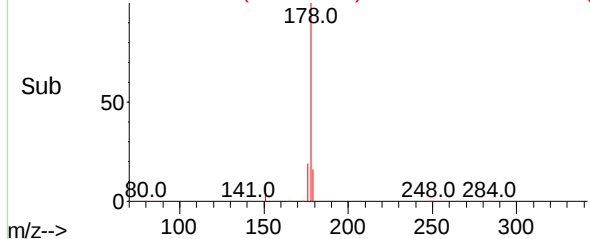
178 100

176 18.8 15.0 22.6

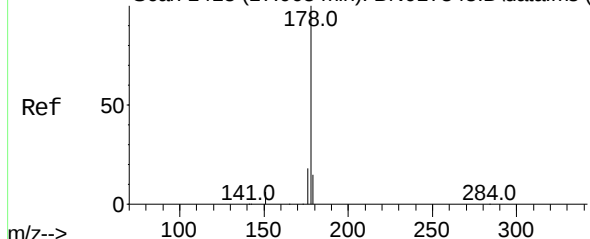
179 15.8 12.3 18.5



Abundance Scan 1410 (16.970 min): BN017379.D\data.ms (-1385) (-)



Abundance Scan 1418 (17.068 min): BN017343.D\data.ms (-1425) (-)



Anthracene

Concen: 6.245 ng

RT: 17.068 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

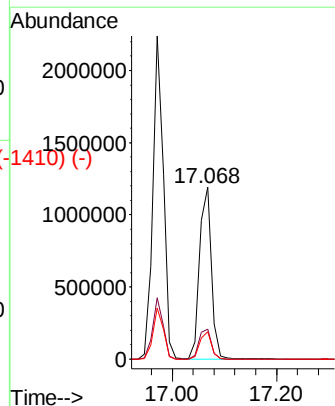
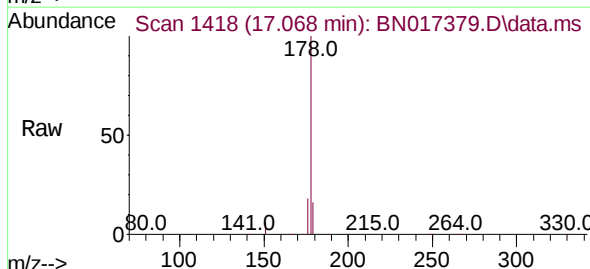
Tgt Ion:178 Resp: 1868533

Ion Ratio Lower Upper

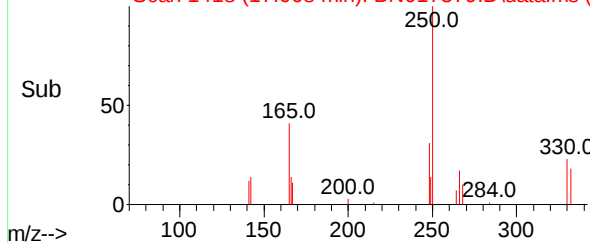
178 100

176 18.2 14.6 22.0

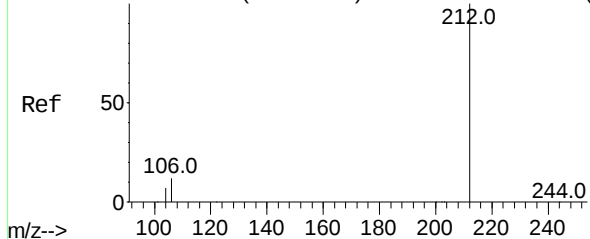
179 15.4 12.2 18.4



Abundance Scan 1418 (17.068 min): BN017379.D\data.ms (-1410) (-)



Abundance Scan 1689 (18.975 min): BN017343.D\data.ms (-1625) (-)



Fluoranthene-d10

Concen: 0.398 ng

RT: 18.975 min Scan# 1689

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

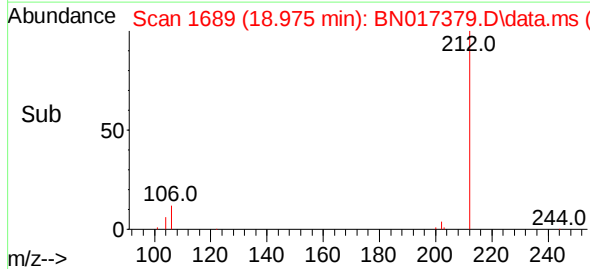
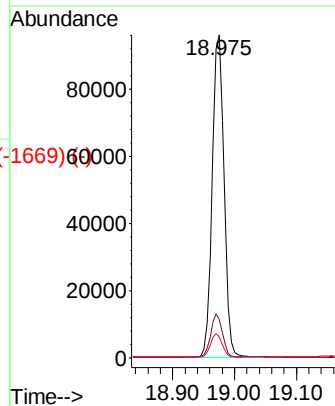
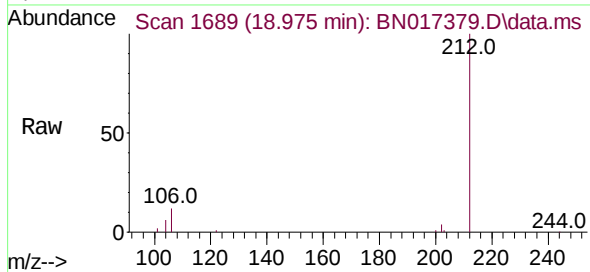
Tgt Ion:212 Resp: 127179

Ion Ratio Lower Upper

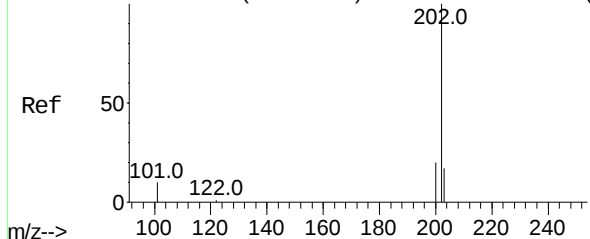
212 100

106 13.0 10.5 15.7

104 7.1 5.8 8.6



Abundance Scan 1695 (19.005 min): BN017343.D\data.ms (-1623) (-)



Fluoranthene

Concen: 3.099 ng

RT: 19.005 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

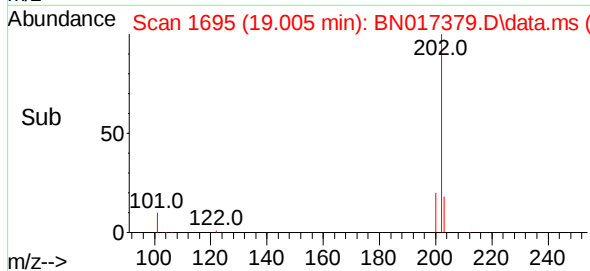
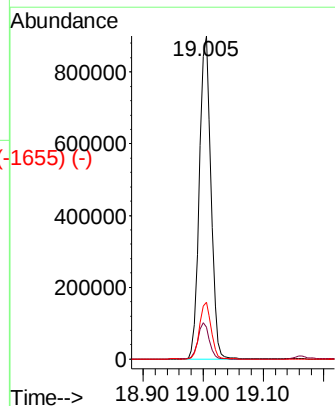
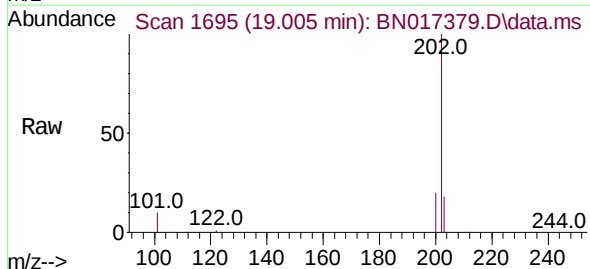
Tgt Ion:202 Resp: 1200612

Ion Ratio Lower Upper

202 100

101 11.0 8.9 13.3

203 17.4 13.8 20.6



Abundance Scan 2004 (21.144 min): BN017343.D\data.ms (-1984) (-)

Chrysene-d12

Concen: 0.400 ng

RT: 21.144 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

Tgt Ion:240 Resp: 113272

Ion Ratio Lower Upper

240 100

120 6.0 4.2 6.2

236 25.4 20.0 30.0

Abundance Scan 2004 (21.144 min): BN017379.D\data.ms

Ref 50

228.0

91.0 120.0 149.0 202.0 254.0 279.0

m/z-->

Abundance Scan 2004 (21.144 min): BN017379.D\data.ms (-1984) (-)

Ref 50

228.0

91.0 120.0 149.0 202.0 254.0 279.0

m/z-->

Abundance Scan 2004 (21.144 min): BN017379.D\data.ms (-1984) (-)

Ref 50

228.0

91.0 120.0 149.0 202.0 254.0 279.0

m/z-->

Abundance

80000

60000

40000

20000

0

21.144

Time-->

21.00 21.20

Abundance Scan 1768 (19.367 min): BN017343.D\data.ms (-1736) (-)

Pyrene

Concen: 3.369 ng

RT: 19.367 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

Tgt Ion:202 Resp: 1232984

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

203 17.7 14.0 21.0

Abundance Scan 1768 (19.367 min): BN017379.D\data.ms

Ref 50

202.0

101.0 122.0 244.0

m/z-->

Abundance Scan 1768 (19.367 min): BN017379.D\data.ms (-1728) (-)

Ref 50

202.0

101.0 122.0 244.0

m/z-->

Abundance Scan 1768 (19.367 min): BN017379.D\data.ms (-1728) (-)

Ref 50

202.0

101.0 122.0 244.0

m/z-->

Abundance

800000

600000

400000

200000

0

19.367

Time-->

19.20 19.40 19.60

Abundance Scan 1813 (19.590 min): BN017343.D\data.ms (-1783) (-)

Terphenyl-d14

Concen: 0.429 ng

RT: 19.586 min Scan# 1813

Delta R.T. -0.005 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

Tgt Ion:244 Resp: 108366

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 12.9 8.6 13.0

Abundance Scan 1812 (19.586 min): BN017379.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

101.0 122.0 212.0 244.0

100 120 140 160 180 200 220 240

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100 120 140 160 180 200 220 240

Abundance

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60000

40000

20000

0

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Abundance Scan 2002 (21.123 min): BN017343.D\data.ms (-1983) (-)

Benzo(a)anthracene

Concen: 8.194 ng

RT: 21.123 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

Tgt Ion:228 Resp: 2816148

Ion Ratio Lower Upper

228 100

226 27.2 21.3 31.9

229 20.5 15.7 23.5

Abundance Scan 2002 (21.123 min): BN017379.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

91.0 120.0 149.0 200.0 228.0 254.0279.0

100 120 140 160 180 200 220 240 260 280

100 120 140 160 180 200 220 240 260 280

100 120 140 160 180 200 220 240 260 280

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100 120 140 160 180 200 220 240 260 280

Abundance

2000000

1500000

1000000

500000

0

21.123

21.10

21.10

21.10

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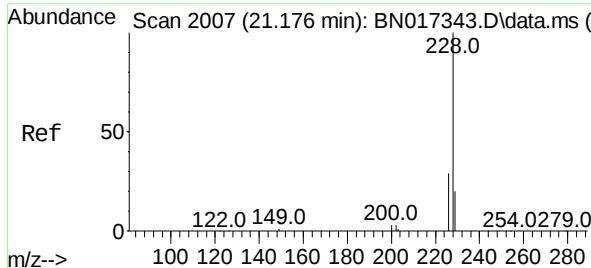
21.10

21.10

21.10

21.10

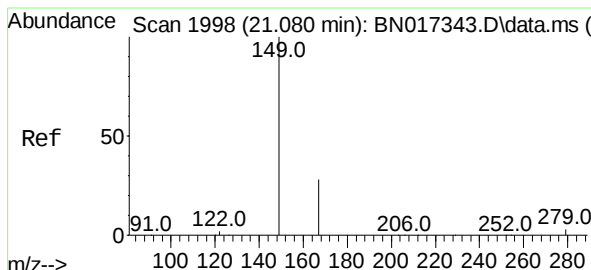
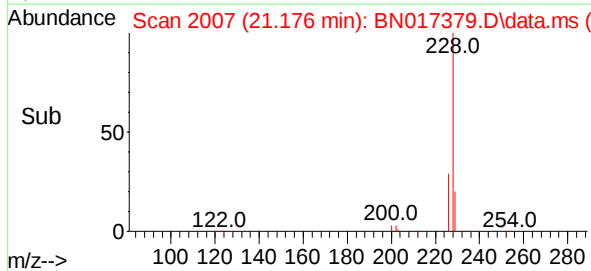
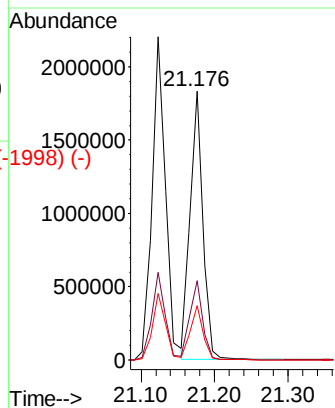
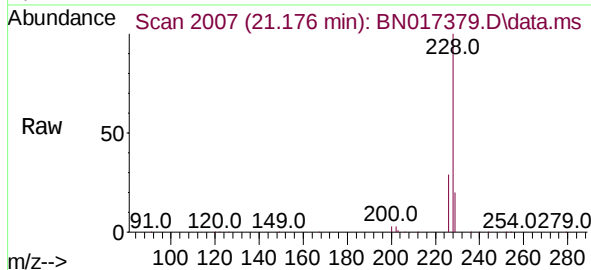
21.10



Chrysene
 Concen: 5.962 ng
 RT: 21.176 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BN017379.D
 Acq: 10 Nov 2021 10:42

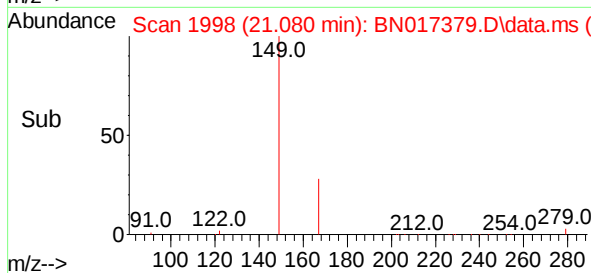
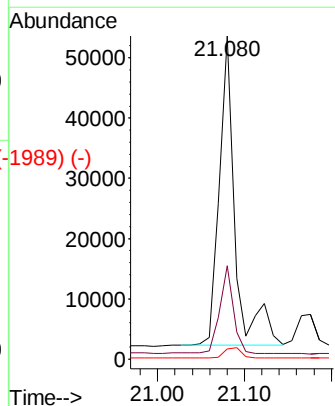
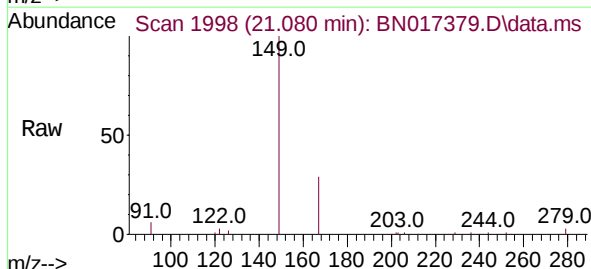
Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOIL

Tgt Ion:	228	Resp:	2180615
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.3	34.9
229	20.3	15.6	23.4



Bis(2-ethylhexyl)phthalate
 Concen: 0.538 ng
 RT: 21.080 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN017379.D
 Acq: 10 Nov 2021 10:42

Tgt Ion:	149	Resp:	65201
Ion	Ratio	Lower	Upper
149	100		
167	24.8	21.8	32.6
279	3.5	3.4	5.0



Abundance Scan 2394 (23.335 min): BN017343.D\data.ms (-2350) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.335 min Scan# 2394

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

Tgt Ion:264 Resp: 103492

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 23.3 18.6 28.0

Abundance Scan 2394 (23.335 min): BN017379.D\data.ms

Ref 50

264.0

Raw 50

125.0

m/z-->

Abundance Scan 2394 (23.335 min): BN017379.D\data.ms (-2350) (-)

Sub 50

264.0

125.0

m/z-->

Abundance

50000

40000

30000

20000

10000

0

Time-->

23.20 23.40

Abundance Scan 3039 (25.543 min): BN017343.D\data.ms (-3010) (-)

Indeno(1,2,3-cd)pyrene

Concen: 1.880 ng

RT: 25.543 min Scan# 3039

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

Tgt Ion:276 Resp: 681138

Ion Ratio Lower Upper

276 100

138 27.2 19.7 29.5

277 25.6 20.0 30.0

Abundance Scan 3039 (25.543 min): BN017379.D\data.ms

Ref 50

276.0

Raw 50

138.0

m/z-->

Abundance Scan 3039 (25.543 min): BN017379.D\data.ms (-3010) (-)

Sub 50

276.0

138.0

m/z-->

Abundance

200000

150000

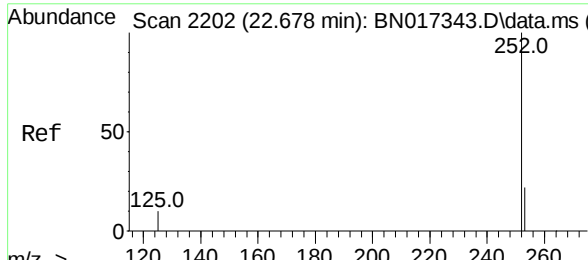
100000

50000

0

Time-->

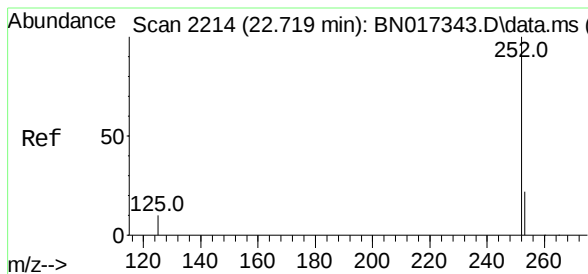
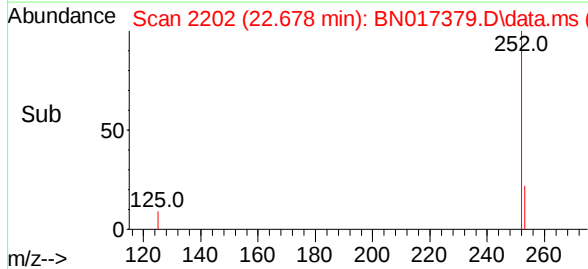
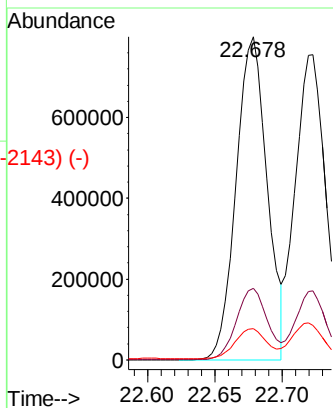
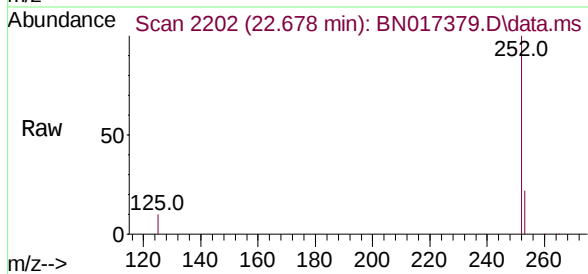
25.40 25.60



Benzo(b)fluoranthene
 Concen: 3.781 ng
 RT: 22.678 min Scan# 2185
 Delta R.T. 0.004 min
 Lab File: BN017379.D
 Acq: 10 Nov 2021 10:42

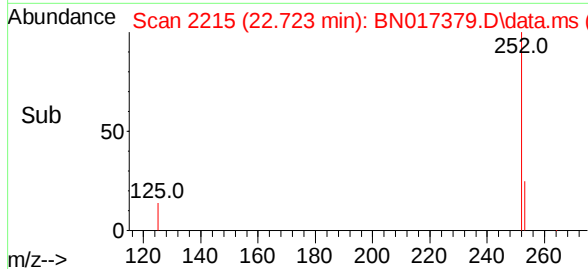
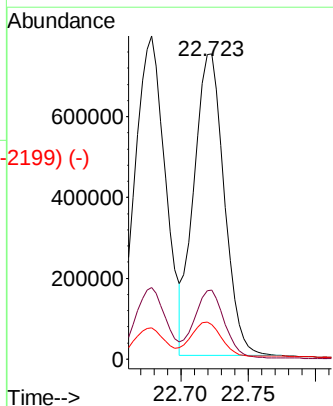
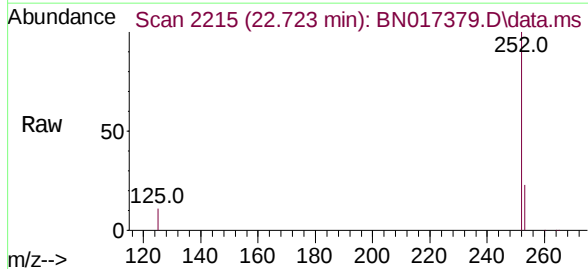
Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOIL

Tgt Ion:	252	Resp:	1279311
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.7	7.8	11.8



Benzo(k)fluoranthene
 Concen: 3.451 ng
 RT: 22.723 min Scan# 2215
 Delta R.T. 0.004 min
 Lab File: BN017379.D
 Acq: 10 Nov 2021 10:42

Tgt Ion:	252	Resp:	1167901
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	11.4	8.2	12.2



Abundance Scan 2365 (23.236 min): BN017343.D\data.ms (-3016) (-)

Benzo(a)pyrene

Concen: 6.248 ng

RT: 23.240 min Scan# 2365

Delta R.T. 0.004 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

Tgt Ion:252 Resp: 1871109

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 11.2 9.2 13.8

Abundance Scan 2366 (23.240 min): BN017379.D\data.ms

Ref 50

125.0

252.0

Raw 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2366 (23.240 min): BN017379.D\data.ms (-3078) (-)

Ref 50

125.0

252.0

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.240

800000

600000

400000

200000

0

Time-->

23.20 23.40

Abundance Scan 3045 (25.564 min): BN017343.D\data.ms (-3016) (-)

Dibenzo(a,h)anthracene

Concen: 2.629 ng

RT: 25.564 min Scan# 3045

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

Tgt Ion:278 Resp: 766132

Ion Ratio Lower Upper

278 100

139 16.5 13.0 19.6

279 23.7 19.2 28.8

Abundance Scan 3045 (25.564 min): BN017379.D\data.ms

Ref 50

138.0

278.0

Raw 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 3045 (25.564 min): BN017379.D\data.ms (-3016) (-)

Ref 50

138.0

278.0

Sub 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

25.564

250000

200000

150000

100000

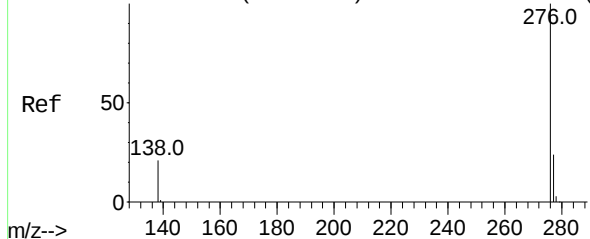
50000

0

Time-->

25.40 25.60

Abundance Scan 3235 (26.214 min): BN017343.D\data.ms (-3235) (-)



Benzo(g,h,i)perylene

Concen: 1.431 ng

RT: 26.218 min Scan# 3235

Delta R.T. 0.000 min

Lab File: BN017379.D

Acq: 10 Nov 2021 10:42

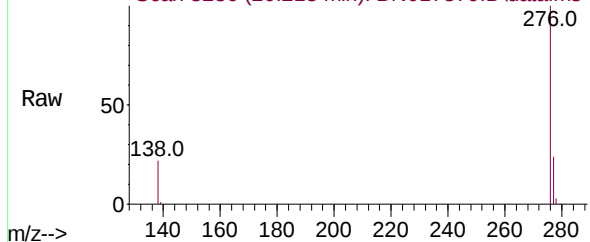
Instrument :

BNA_N

ClientSampleId :

PT-PAH-SOIL

Abundance Scan 3236 (26.218 min): BN017379.D\data.ms



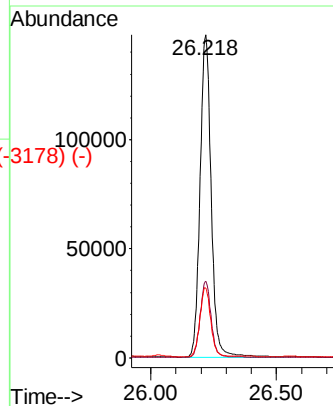
Tgt Ion:276 Resp: 449622

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 21.7 17.1 25.7



Abundance Scan 3236 (26.218 min): BN017379.D\data.ms (-3178) (-)

