

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022422\
 Data File : BM034070.D
 Acq On : 24 Feb 2022 16:51
 Operator : CG/JU
 Sample : N1639-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WP-SOIL-1-FINAL

Quant Time: Feb 25 01:10:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 22 17:55:56 2022
 Response via : Initial Calibration

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

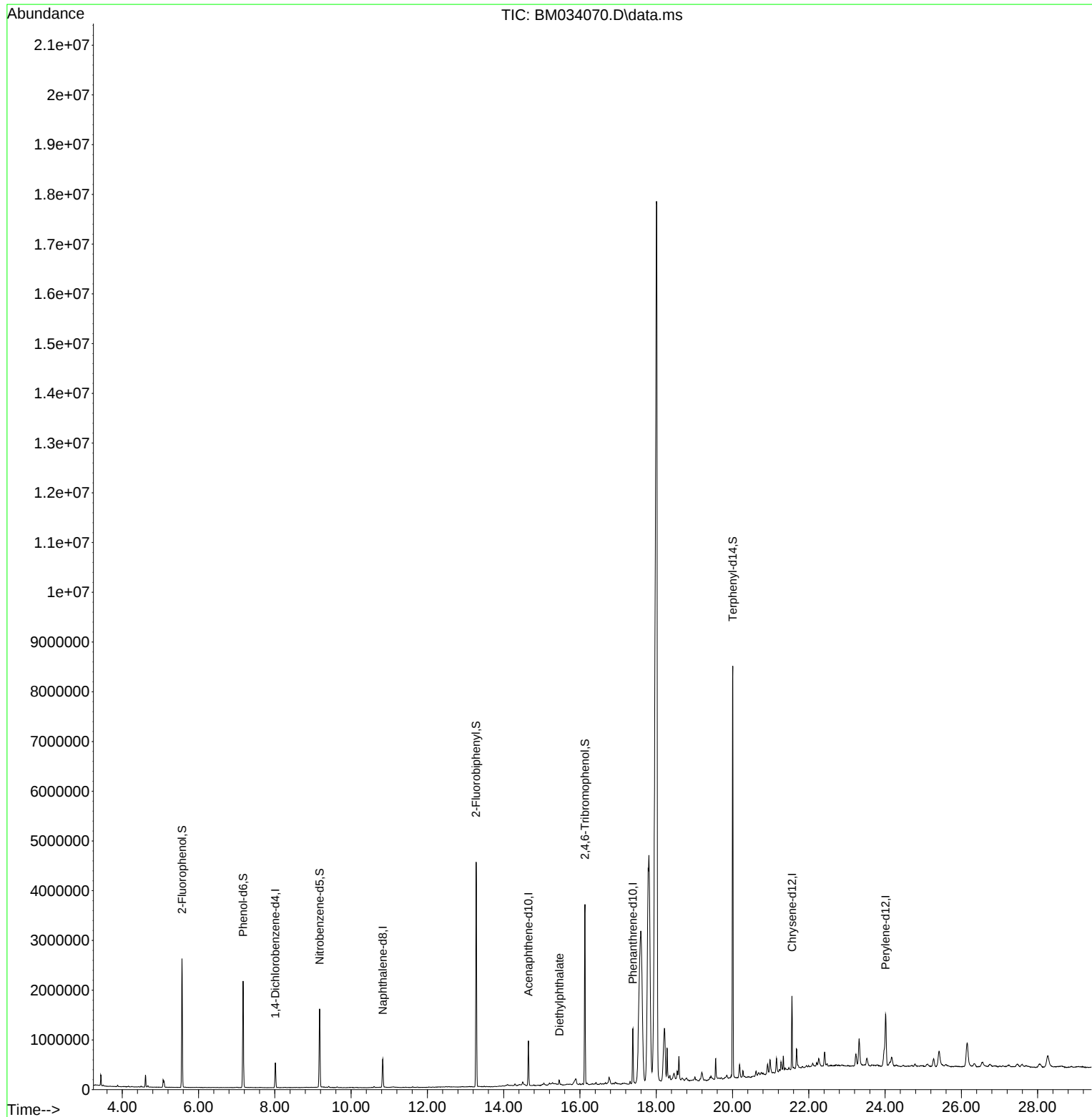
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	133771	20.000	ng	-0.01
21) Naphthalene-d8	10.830	136	464643	20.000	ng	# 0.00
39) Acenaphthene-d10	14.648	164	306208	20.000	ng	0.00
64) Phenanthrene-d10	17.389	188	686608	20.000	ng	# 0.00
76) Chrysene-d12	21.559	240	734898	20.000	ng	0.00
86) Perylene-d12	24.012	264	788967	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	1007258	134.226	ng	0.00
7) Phenol-d6	7.166	99	1066362	108.215	ng	0.00
23) Nitrobenzene-d5	9.178	82	854523	99.247	ng	0.00
42) 2,4,6-Tribromophenol	16.130	330	668402	179.853	ng	0.00
45) 2-Fluorobiphenyl	13.277	172	2216937	96.458	ng	-0.01
79) Terphenyl-d14	20.006	244	4022667	95.317	ng	0.00
Target Compounds						
60) Diethylphthalate	15.460	149	53523	2.358	ng	Qvalue 95

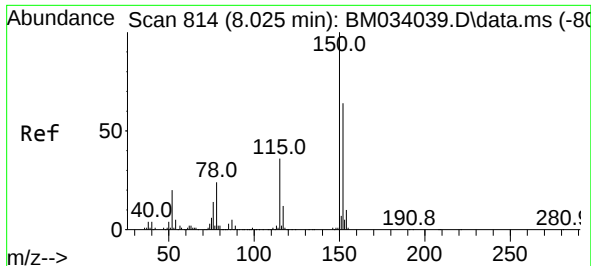
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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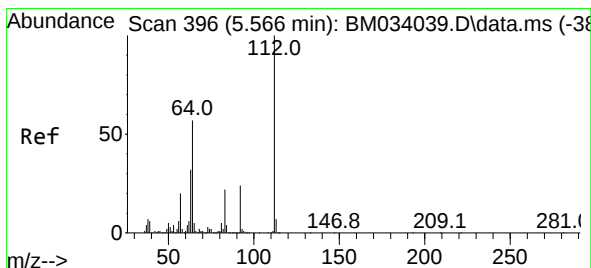
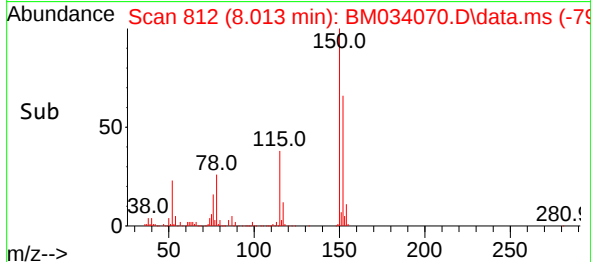
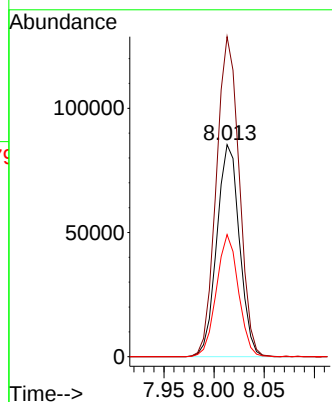
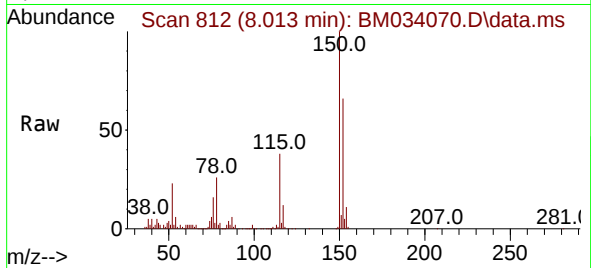




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.013 min Scan# 814
Delta R.T. -0.012 min
Lab File: BM034070.D
Acq: 24 Feb 2022 16:51

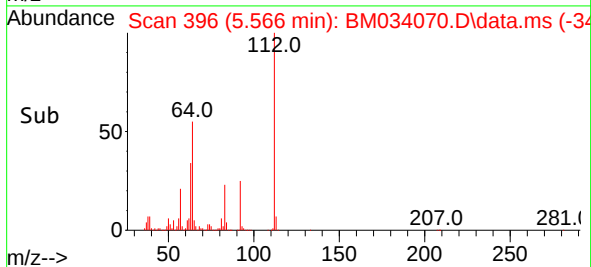
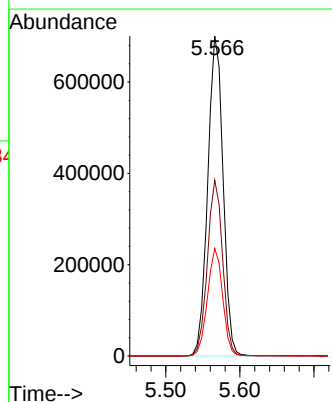
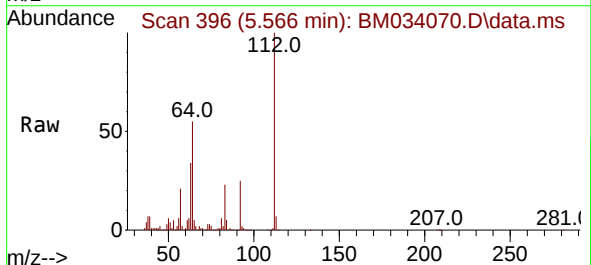
Instrument :
BNA_M
ClientSampleId :
WP-SOIL-1-FINAL

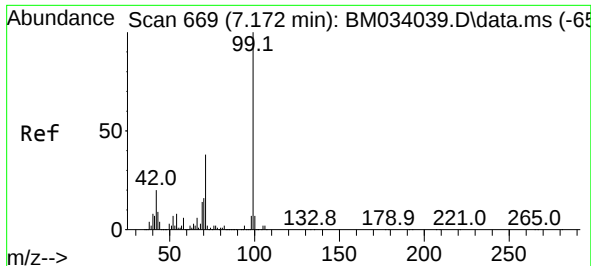
Tgt Ion:152 Resp: 133771
Ion Ratio Lower Upper
152 100
150 150.9 128.9 193.3
115 57.6 53.0 79.6



#5
2-Fluorophenol
Concen: 134.226 ng
RT: 5.566 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM034070.D
Acq: 24 Feb 2022 16:51

Tgt Ion:112 Resp: 1007258
Ion Ratio Lower Upper
112 100
64 55.0 55.5 83.3#
63 33.6 31.3 46.9

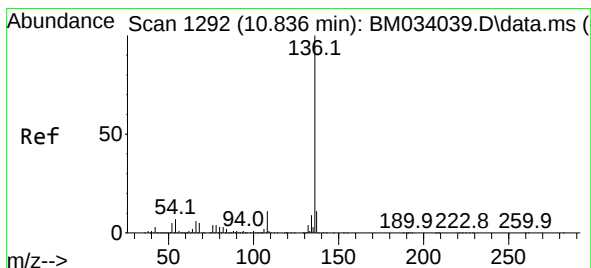
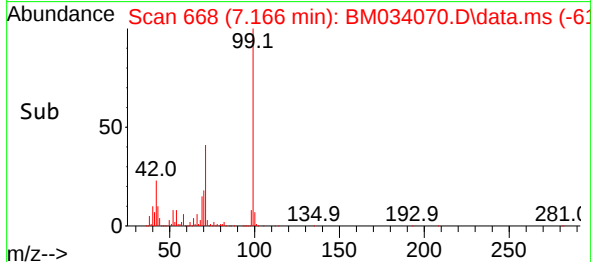
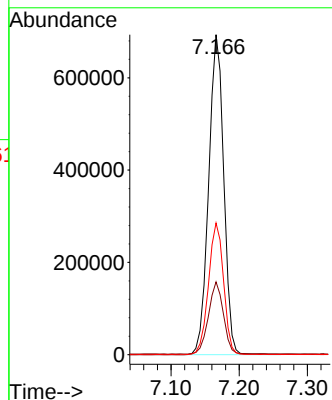
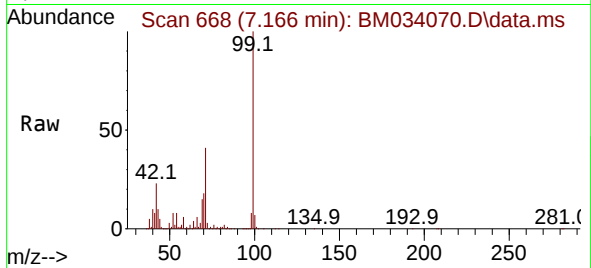




#7
Phenol-d6
Concen: 108.215 ng
RT: 7.166 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM034070.D
Acq: 24 Feb 2022 16:51

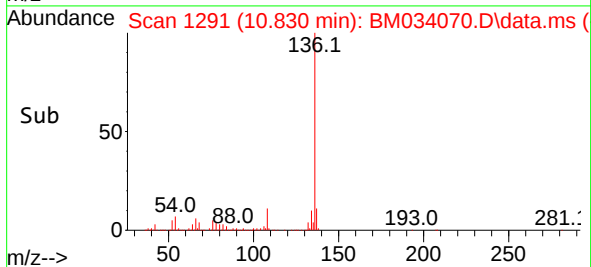
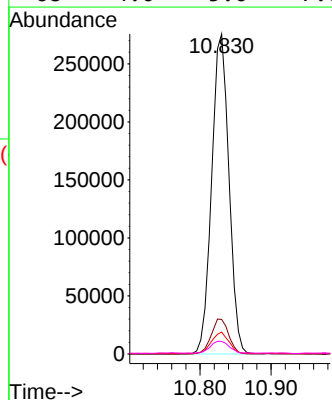
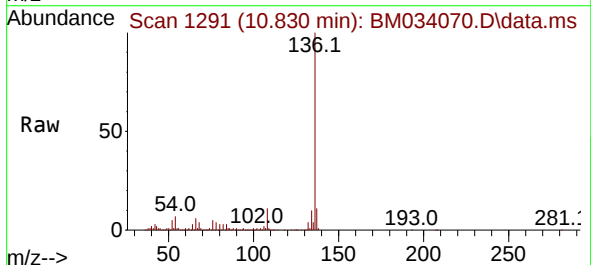
Instrument :
BNA_M
ClientSampleId :
WP-SOIL-1-FINAL

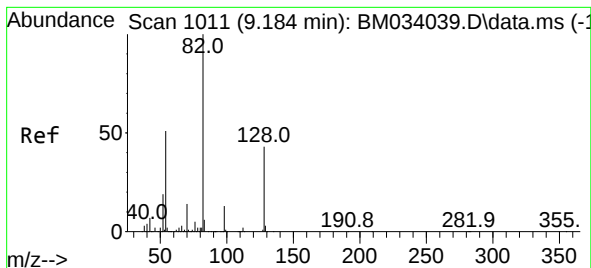
Tgt Ion: 99 Resp: 1066362
Ion Ratio Lower Upper
99 100
42 22.8 20.3 30.5
71 41.2 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.830 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM034070.D
Acq: 24 Feb 2022 16:51

Tgt Ion: 136 Resp: 464643
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.8 8.3 12.5#
68 4.0 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 99.247 ng

RT: 9.178 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BM034070.D

Acq: 24 Feb 2022 16:51

Instrument :

BNA_M

ClientSampleId :

WP-SOIL-1-FINAL

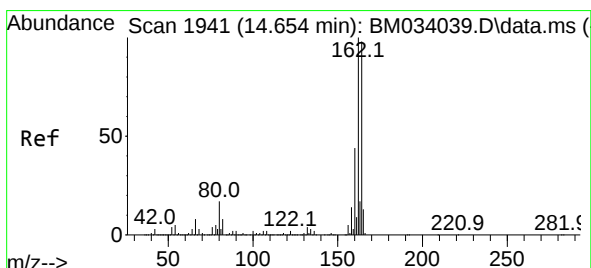
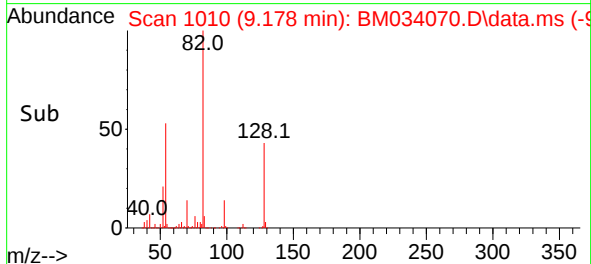
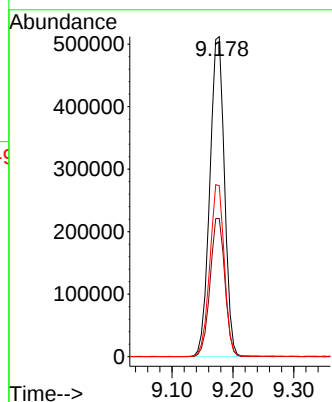
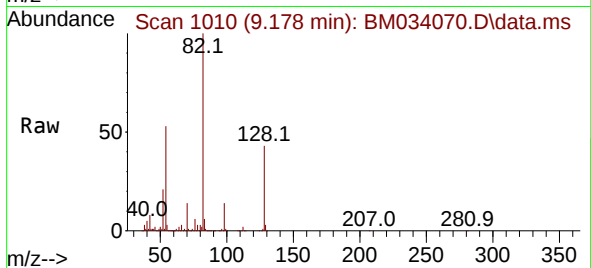
Tgt Ion: 82 Resp: 854523

Ion Ratio Lower Upper

82 100

128 43.2 28.1 42.1#

54 53.4 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.648 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BM034070.D

Acq: 24 Feb 2022 16:51

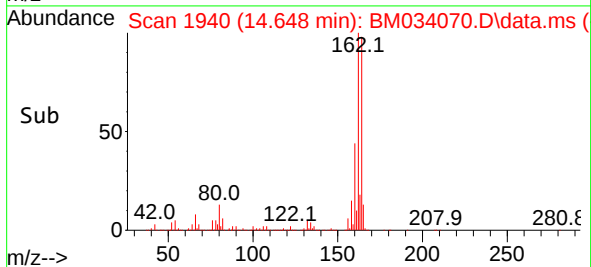
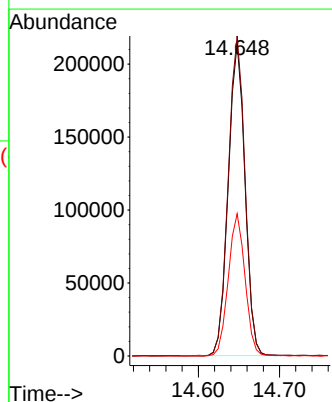
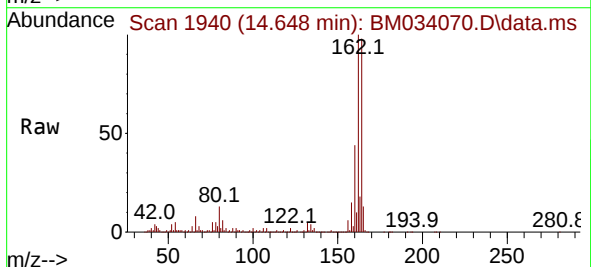
Tgt Ion:164 Resp: 306208

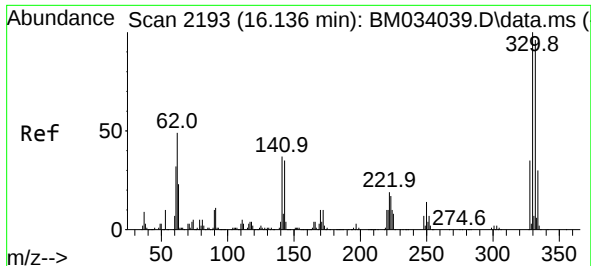
Ion Ratio Lower Upper

164 100

162 102.4 79.7 119.5

160 45.5 34.2 51.4

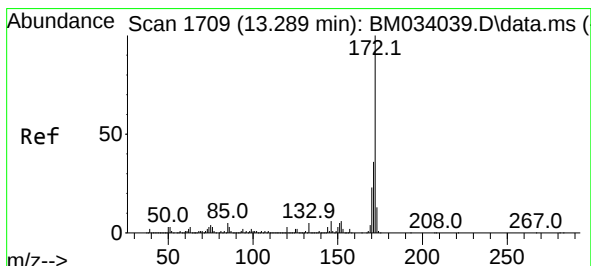
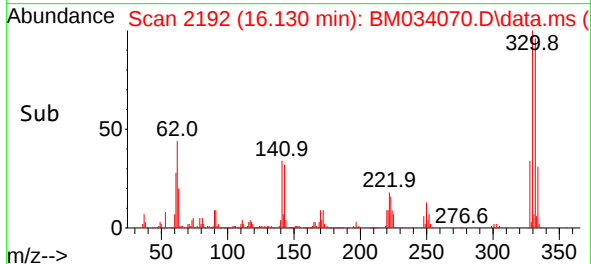
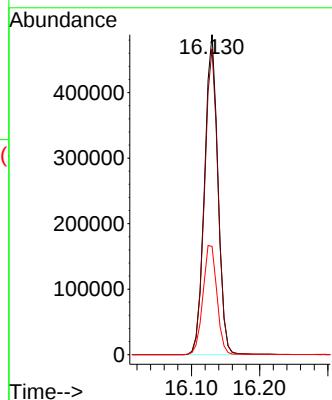
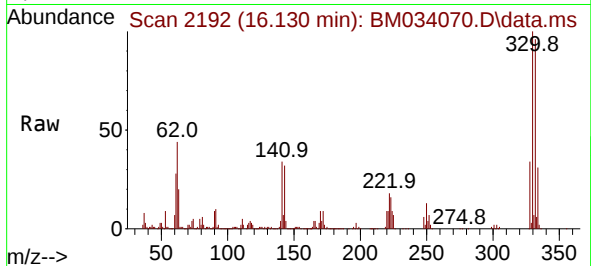




#42
2,4,6-Tribromophenol
Concen: 179.853 ng
RT: 16.130 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM034070.D
Acq: 24 Feb 2022 16:51

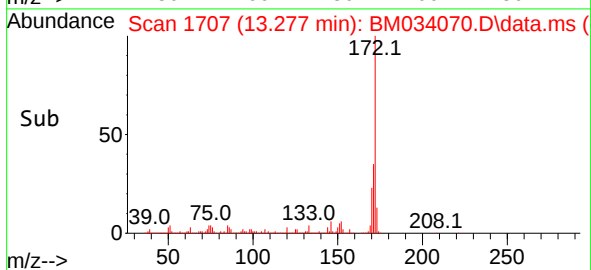
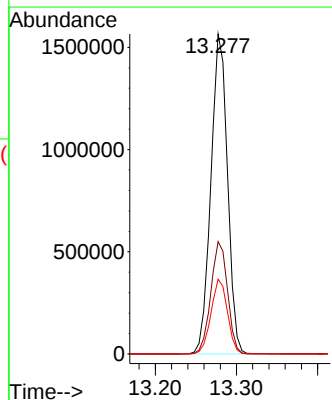
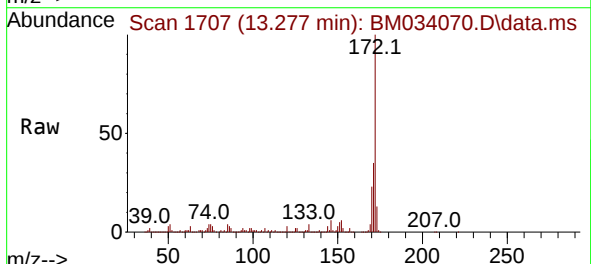
Instrument :
BNA_M
ClientSampleId :
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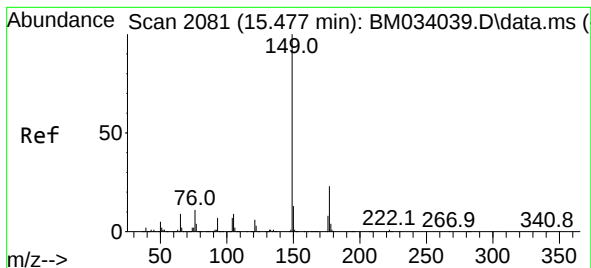
Tgt Ion:330 Resp: 668402
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 35.7 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 96.458 ng
RT: 13.277 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BM034070.D
Acq: 24 Feb 2022 16:51

Tgt Ion:172 Resp: 2216937
Ion Ratio Lower Upper
172 100
171 35.1 27.2 40.8
170 23.4 18.7 28.1





#60

Diethylphthalate

Concen: 2.358 ng

RT: 15.460 min Scan# 2081

Delta R.T. -0.018 min

Lab File: BM034070.D

Acq: 24 Feb 2022 16:51

Instrument :

BNA_M

ClientSampleId :

WP-SOIL-1-FINAL

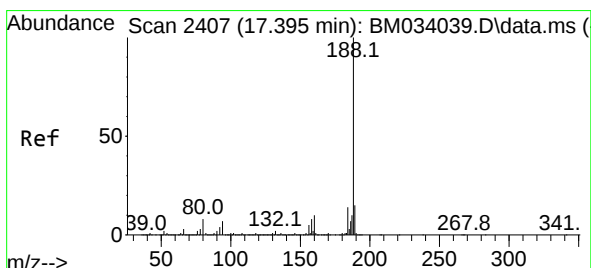
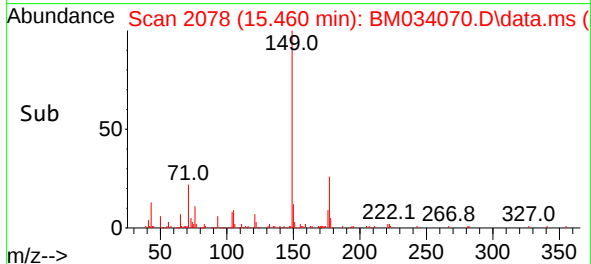
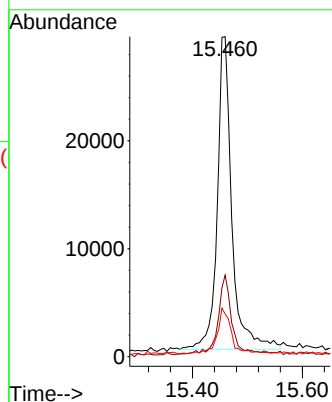
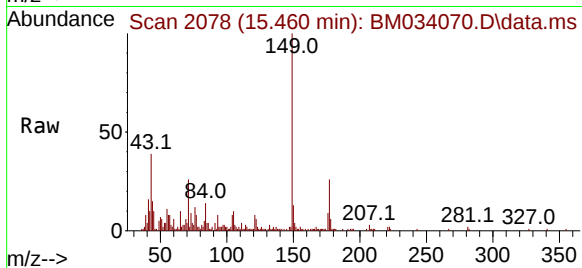
Tgt Ion:149 Resp: 53523

Ion Ratio Lower Upper

149 100

177 25.5 17.5 26.3

150 13.3 10.3 15.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.389 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BM034070.D

Acq: 24 Feb 2022 16:51

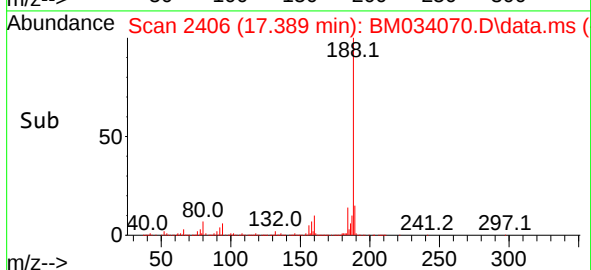
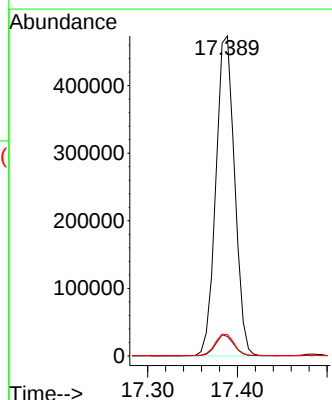
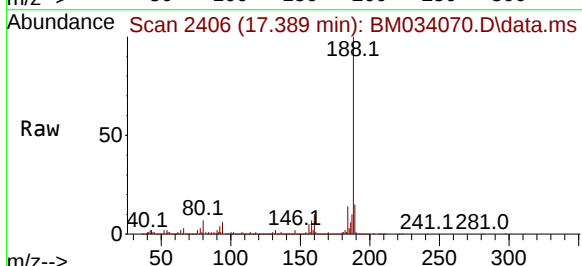
Tgt Ion:188 Resp: 686608

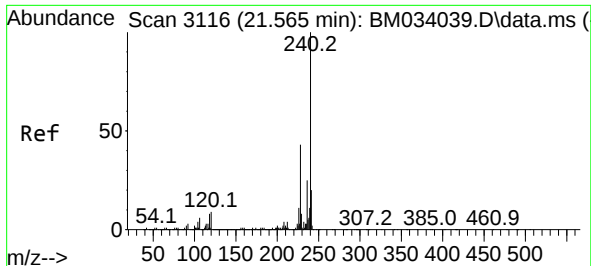
Ion Ratio Lower Upper

188 100

94 6.1 7.5 11.3#

80 6.7 8.9 13.3#

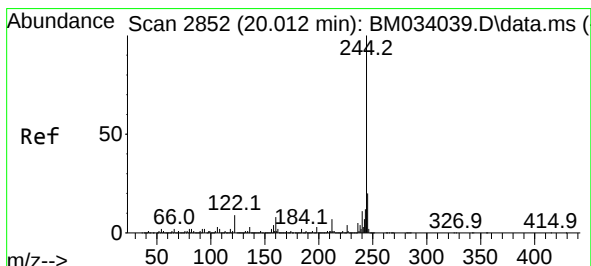
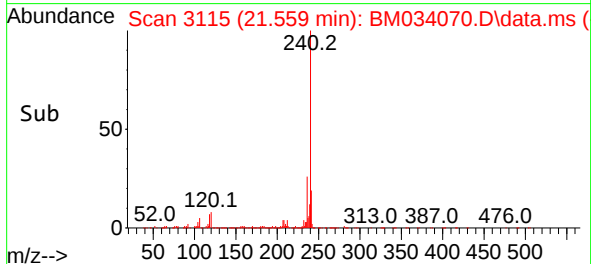
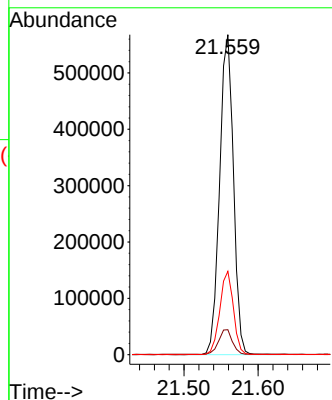
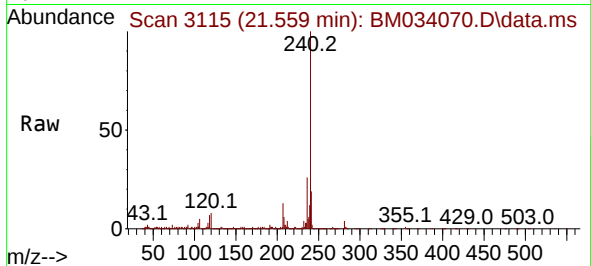




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.559 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM034070.D
Acq: 24 Feb 2022 16:51

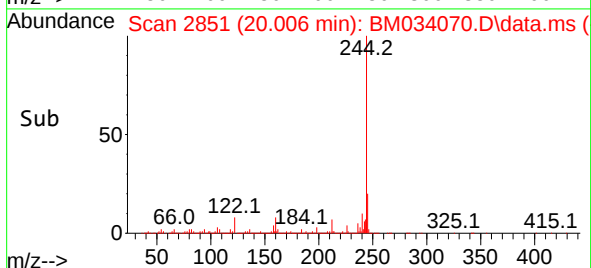
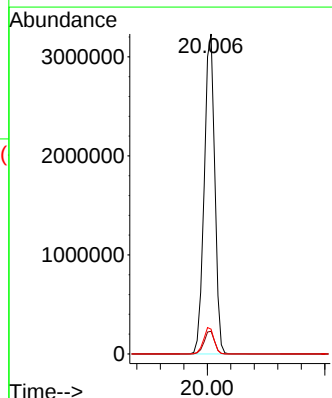
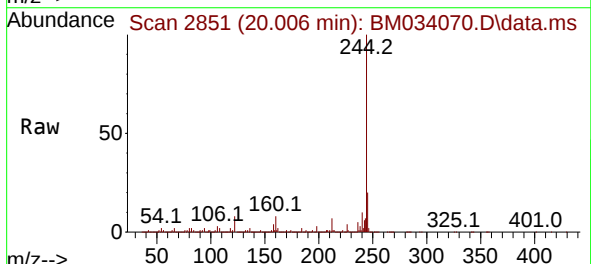
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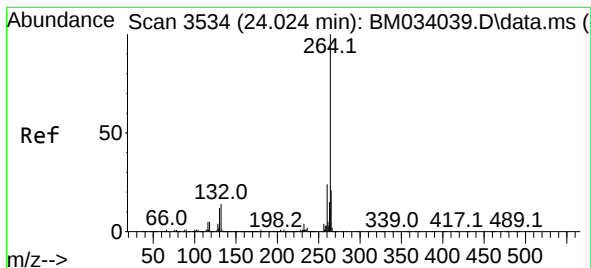
Tgt Ion:240 Resp: 734898
Ion Ratio Lower Upper
240 100
120 7.8 7.8 11.6
236 26.1 20.3 30.5



#79
Terphenyl-d14
Concen: 95.317 ng
RT: 20.006 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BM034070.D
Acq: 24 Feb 2022 16:51

Tgt Ion:244 Resp: 4022667
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 7.8 8.4 12.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.012 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM034070.D

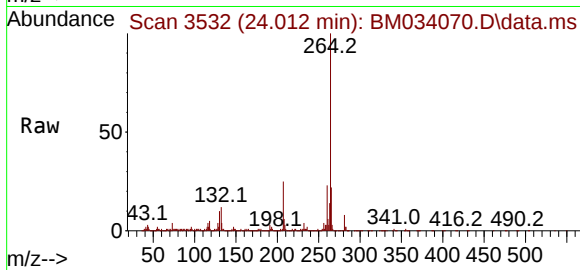
Acq: 24 Feb 2022 16:51

Instrument :

BNA_M

ClientSampleId :

WP-SOIL-1-FINAL



Tgt Ion:264 Resp: 788967

Ion Ratio Lower Upper

264 100

260 23.0 17.7 26.5

265 21.9 17.7 26.5

