

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006139.D
 Acq On : 08 Jul 2021 14:44
 Operator : CG/JU
 Sample : M2947-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C7-SOIL-PILE

Quant Time: Jul 08 15:27:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 16:08:13 2021
 Response via : Initial Calibration

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

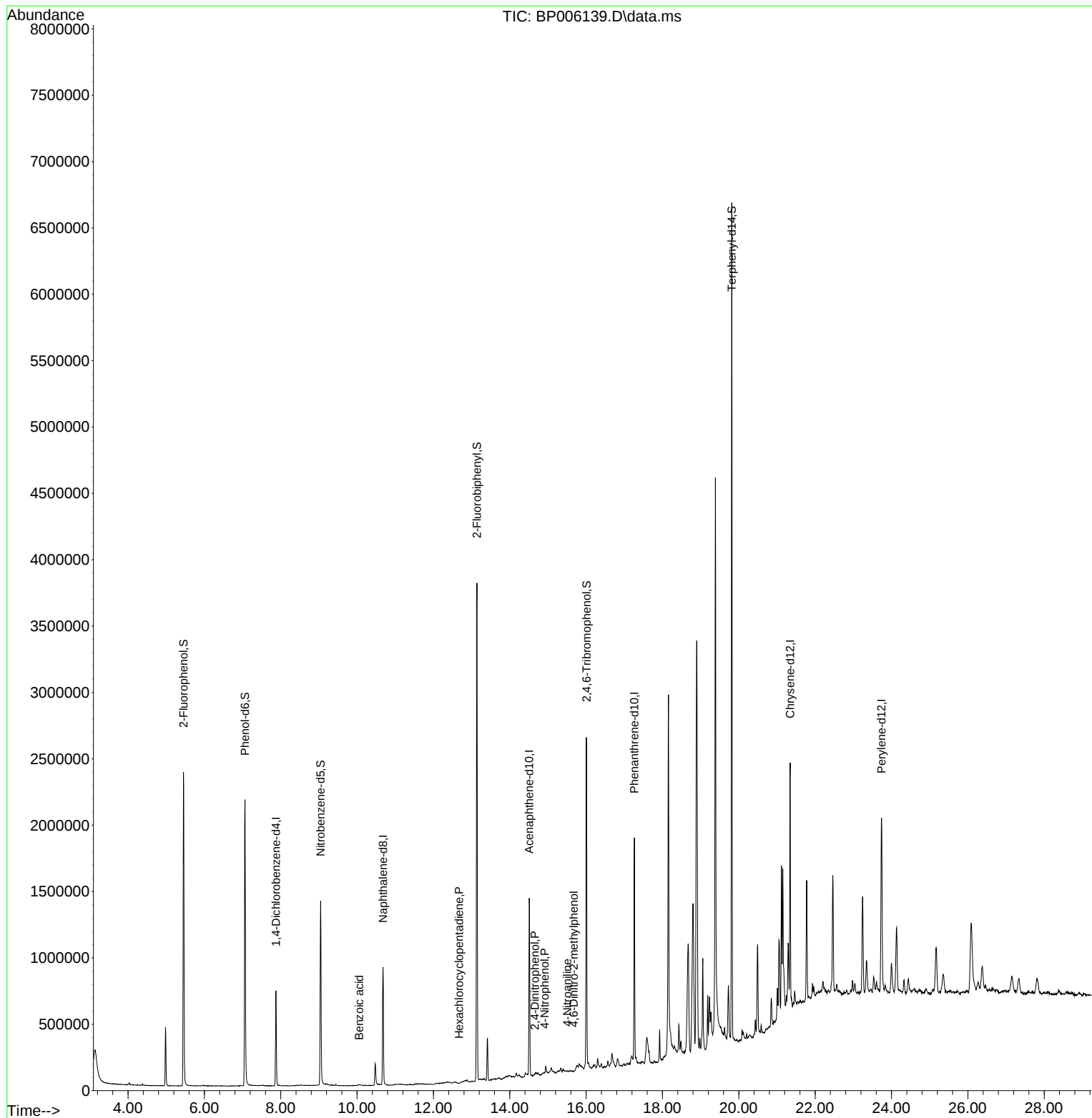
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	202787	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	797451	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	470983	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	918729	20.000	ng	# 0.00
76) Chrysene-d12	21.345	240	859100	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	962815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1158475	98.296	ng	0.00
7) Phenol-d6	7.064	99	1402966	89.997	ng	0.00
23) Nitrobenzene-d5	9.046	82	813895	64.468	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	495209	88.314	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	1916276	60.149	ng	0.00
79) Terphenyl-d14	19.816	244	2584722	59.319	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.057	122	1208	7.033	ng	92
41) Hexachlorocyclopentadiene	12.675	237	16	8.707	ng	78
54) 2,4-Dinitrophenol	14.657	184	102	8.902	ng	# 1
56) 4-Nitrophenol	14.916	139	405	7.187	ng	89
62) 4-Nitroaniline	15.510	138	69	2.967	ng	91
65) 4,6-Dinitro-2-methylph...	15.675	198	97	4.434	ng	# 1

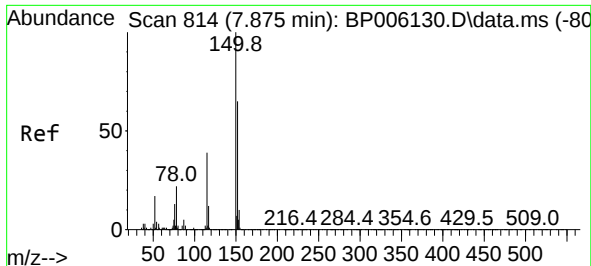
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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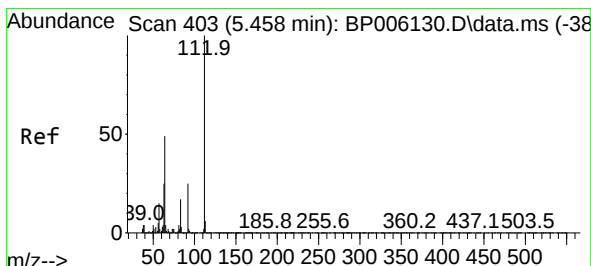
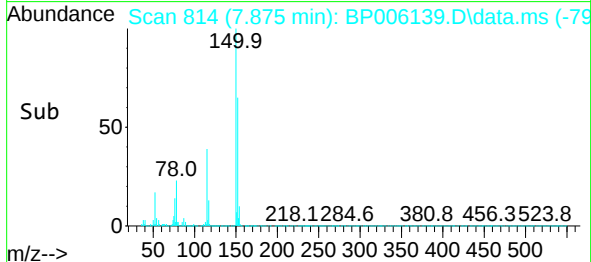
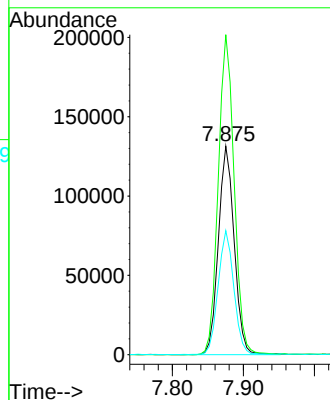
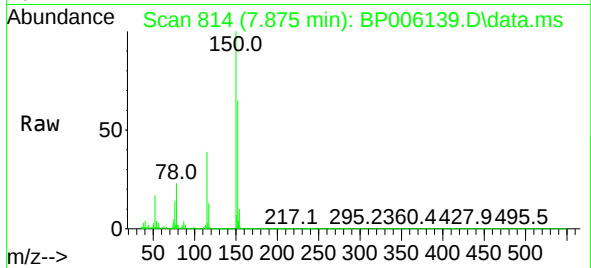




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

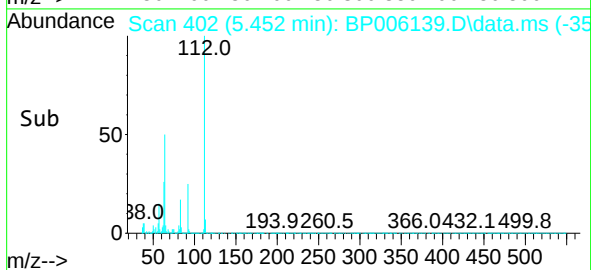
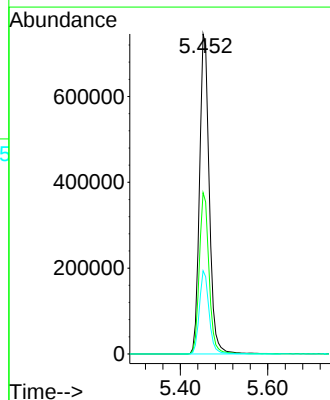
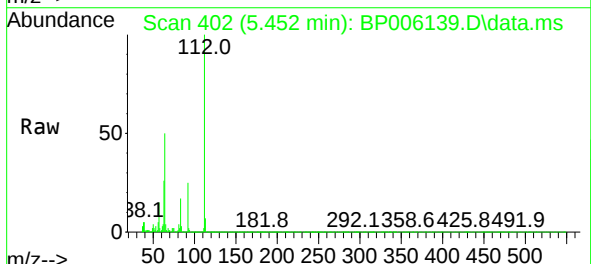
Instrument :
BNA_P
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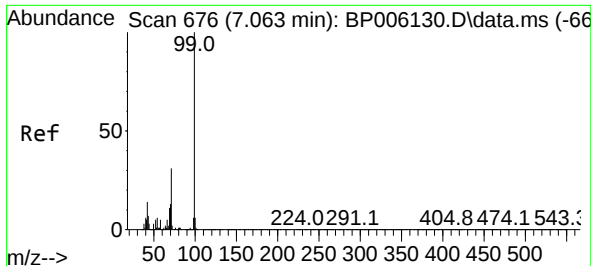
Tgt Ion:152 Resp: 202787
Ion Ratio Lower Upper
152 100
150 153.5 125.6 188.4
115 59.4 48.5 72.7



#5
2-Fluorophenol
Concen: 98.296 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

Tgt Ion:112 Resp: 1158475
Ion Ratio Lower Upper
112 100
64 50.4 41.4 62.2
63 26.0 23.8 35.8

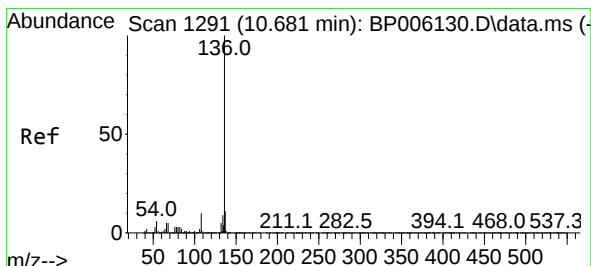
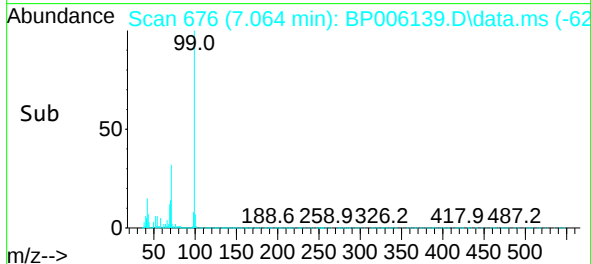
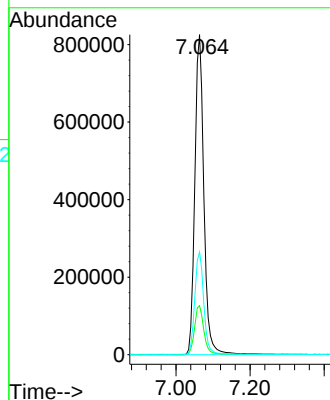
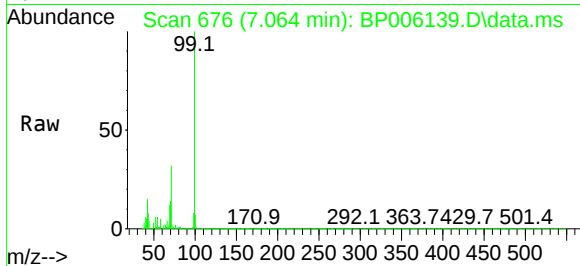




#7
Phenol-d6
Concen: 89.997 ng
RT: 7.064 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

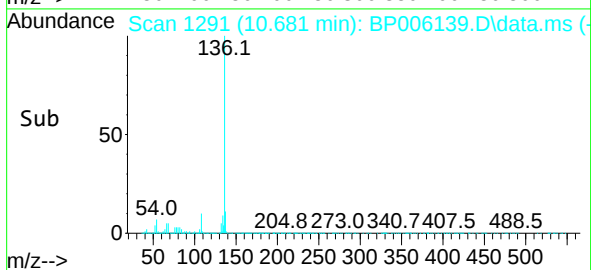
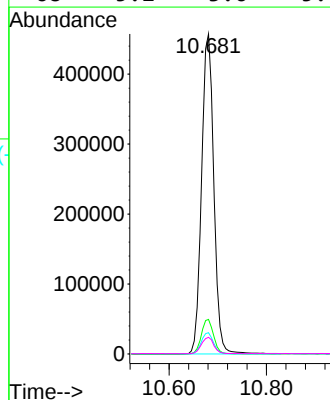
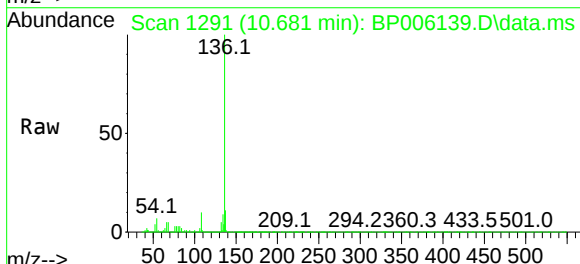
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ClientSampleId :
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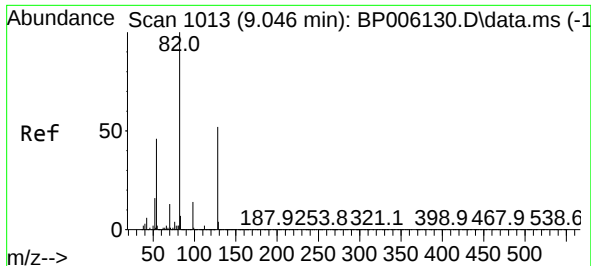
Tgt Ion: 99 Resp: 1402966
Ion Ratio Lower Upper
99 100
42 15.3 13.4 20.0
71 32.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

Tgt Ion: 136 Resp: 797451
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.6 4.6 6.8
68 5.2 3.6 5.4

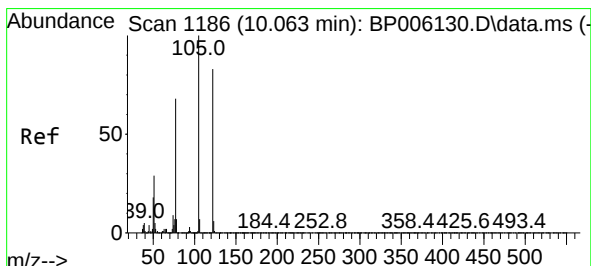
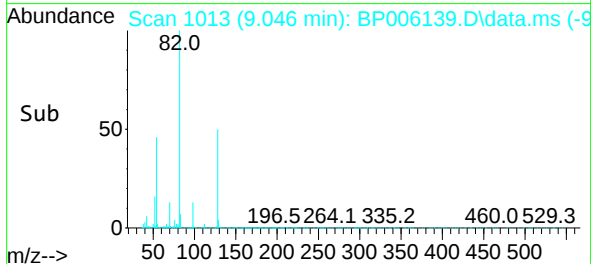
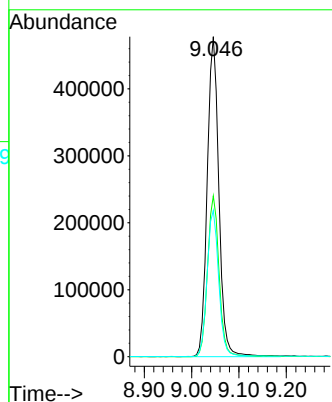
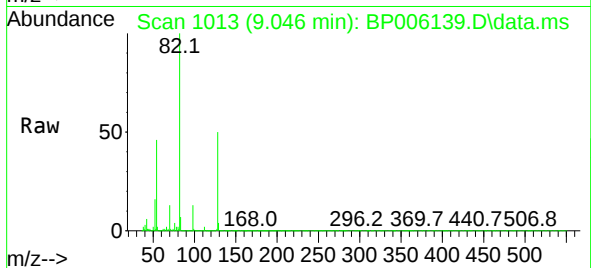




#23
Nitrobenzene-d5
Concen: 64.468 ng
RT: 9.046 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

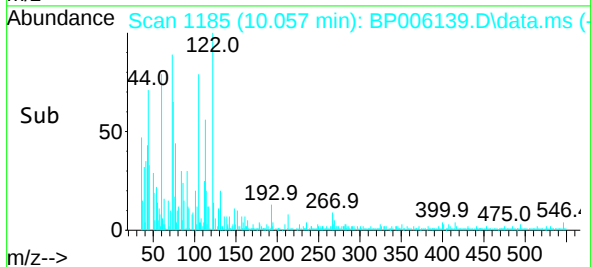
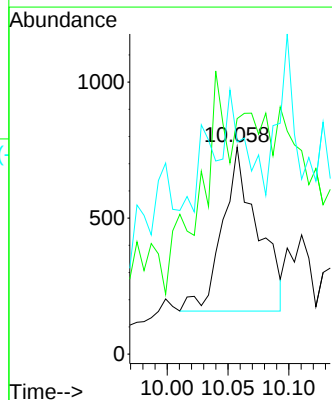
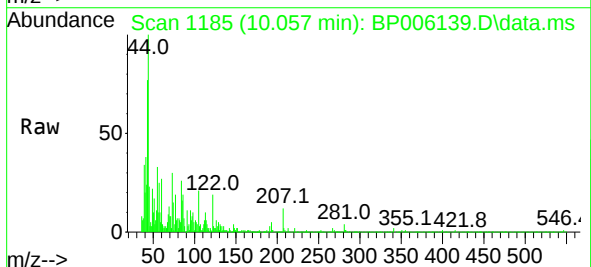
Instrument :
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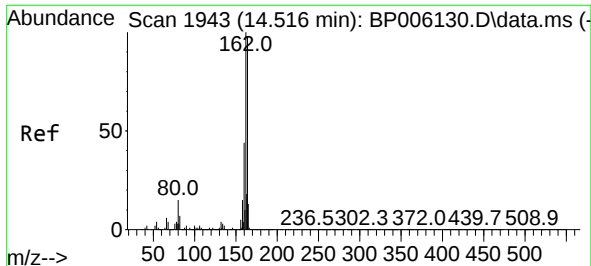
Tgt Ion: 82 Resp: 813895
Ion Ratio Lower Upper
82 100
128 50.2 35.7 53.5
54 45.7 35.0 52.4



#32
Benzoic acid
Concen: 7.033 ng
RT: 10.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

Tgt Ion:122 Resp: 1208
Ion Ratio Lower Upper
122 100
105 113.8 103.2 143.2
77 102.5 76.2 116.2

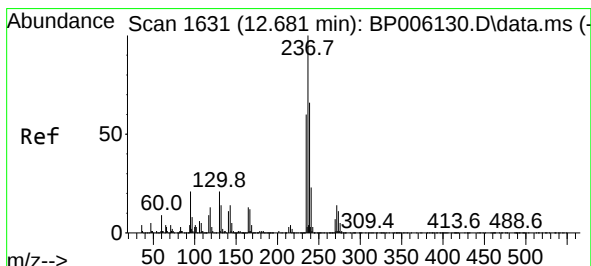
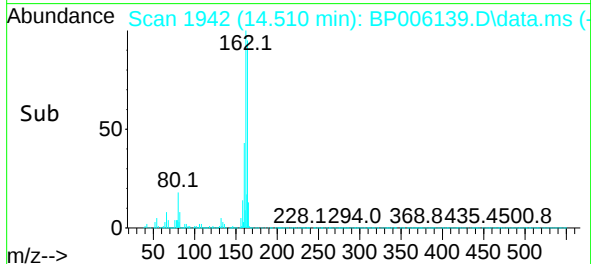
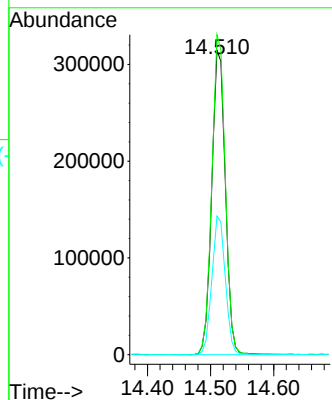
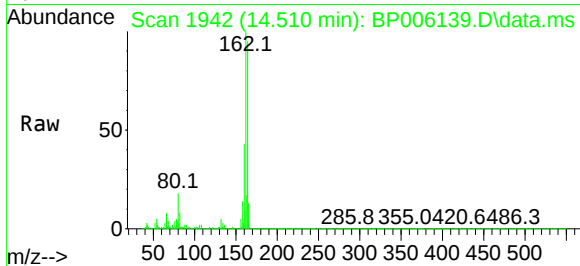




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

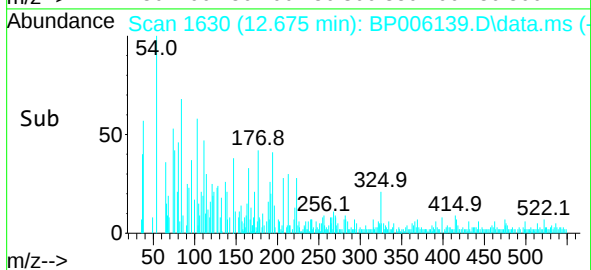
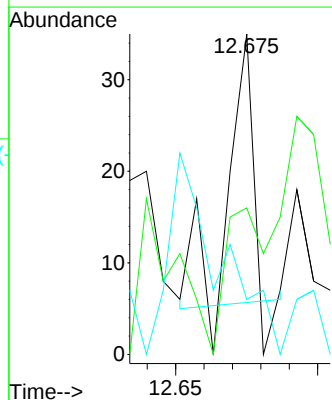
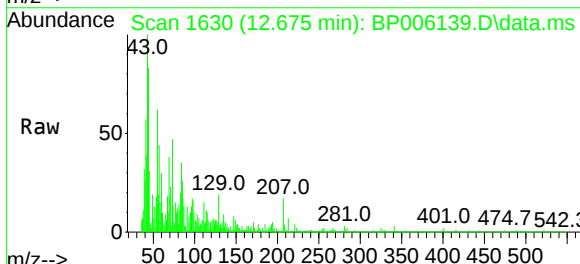
Instrument :
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ClientSampleId :
C7-SOIL-PILE

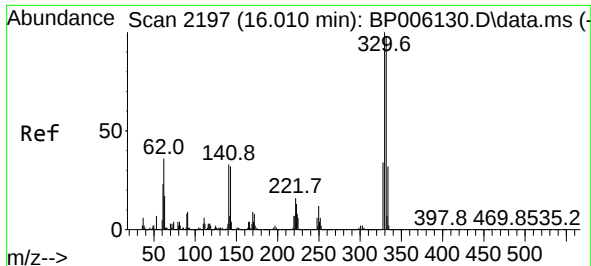
Tgt Ion:164 Resp: 470983
Ion Ratio Lower Upper
164 100
162 105.2 80.2 120.2
160 45.6 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.707 ng
RT: 12.675 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

Tgt Ion:237 Resp: 16
Ion Ratio Lower Upper
237 100
235 45.7 44.5 84.5
272 17.1 0.0 32.5

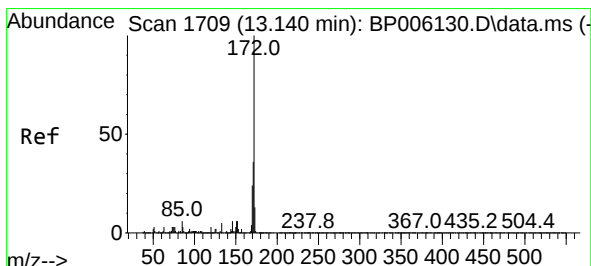
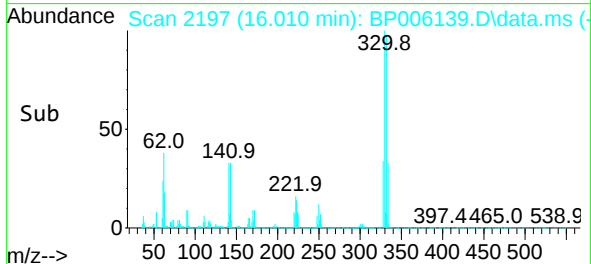
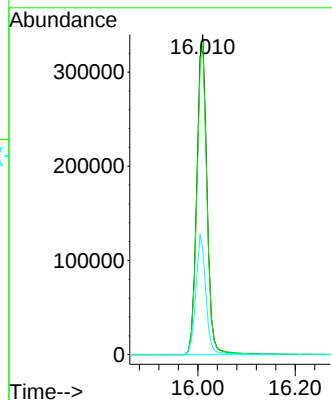
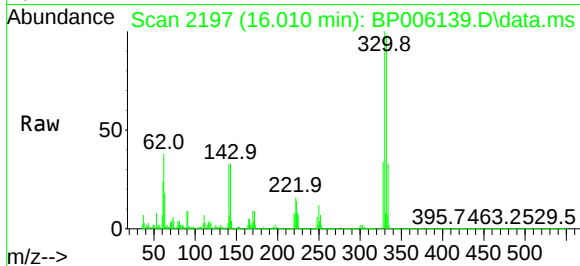




#42
2,4,6-Tribromophenol
Concen: 88.314 ng
RT: 16.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

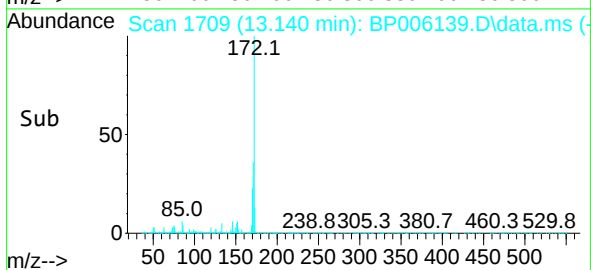
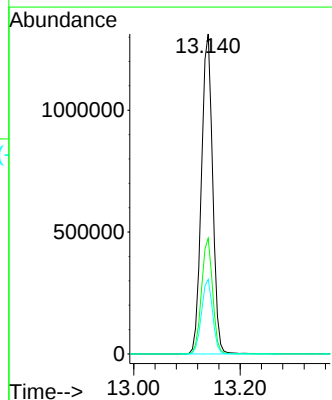
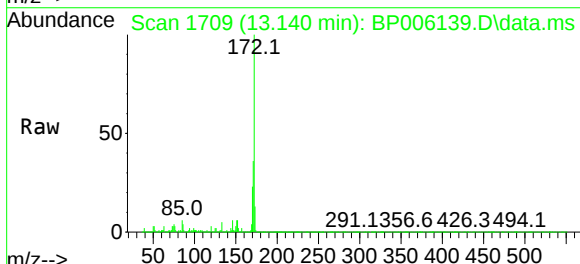
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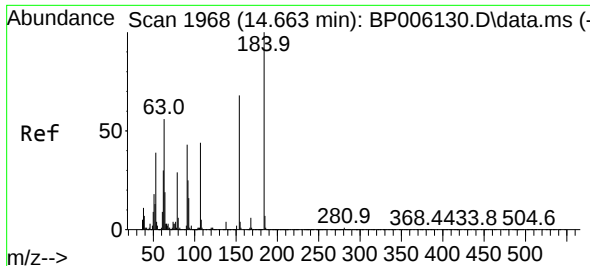
Tgt Ion:330 Resp: 495209
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 36.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 60.149 ng
RT: 13.140 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

Tgt Ion:172 Resp: 1916276
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.3 18.6 27.8

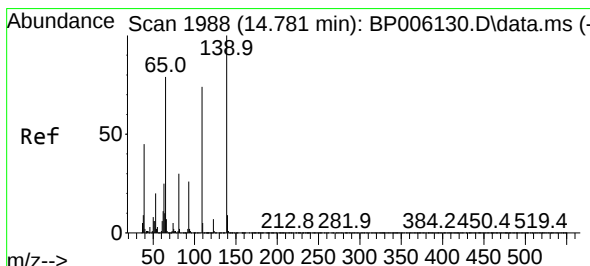
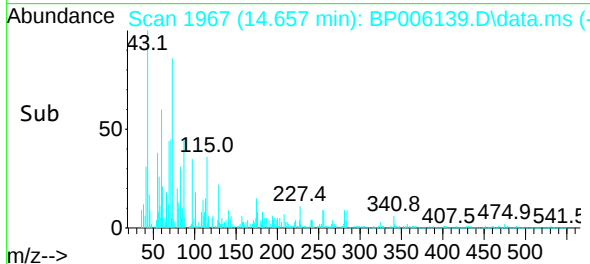
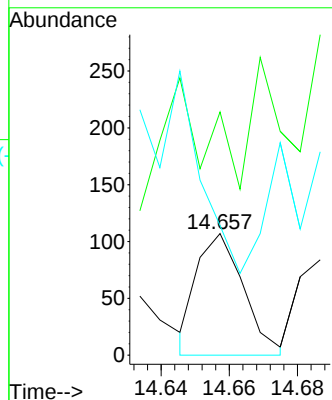
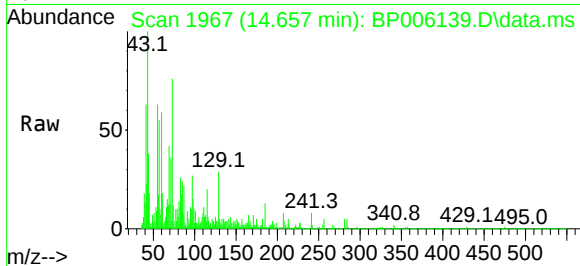




#54
2,4-Dinitrophenol
Concen: 8.902 ng
RT: 14.657 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

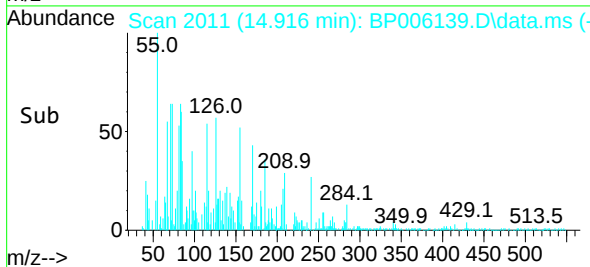
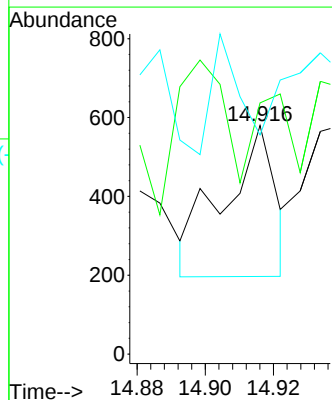
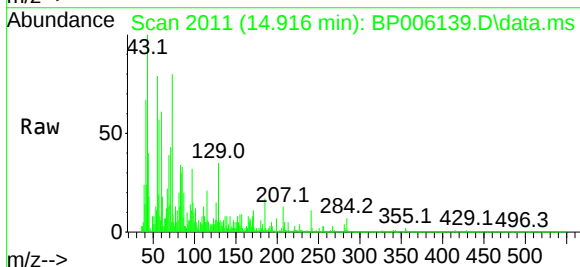
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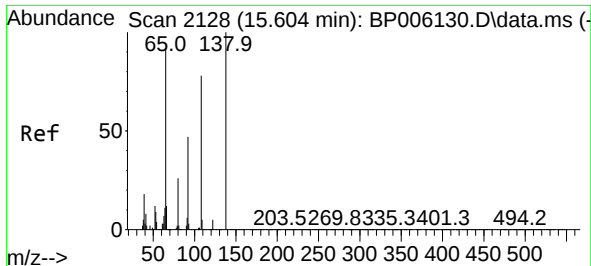
Tgt Ion:184 Resp: 102
Ion Ratio Lower Upper
184 100
63 200.0 47.0 70.6#
154 106.5 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.187 ng
RT: 14.916 min Scan# 2011
Delta R.T. 0.135 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

Tgt Ion:139 Resp: 405
Ion Ratio Lower Upper
139 100
109 109.8 72.3 112.3
65 95.9 72.5 112.5

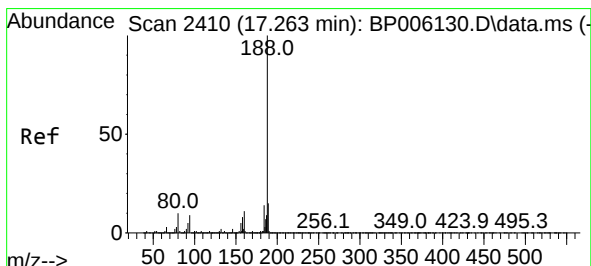
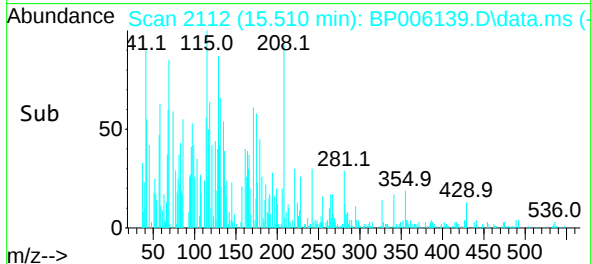
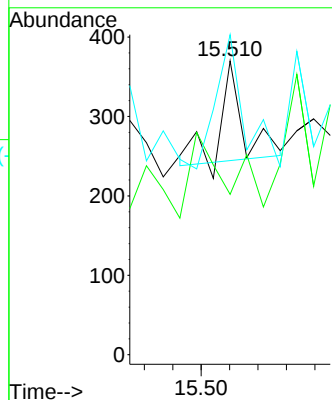
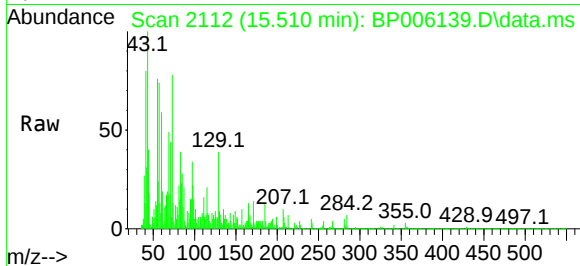




#62
4-Nitroaniline
Concen: 2.967 ng
RT: 15.510 min Scan# 2112
Delta R.T. -0.094 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

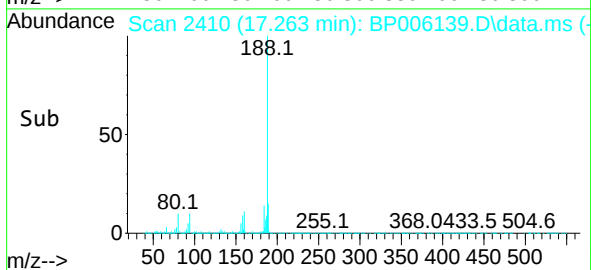
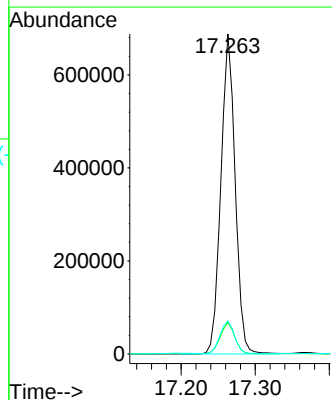
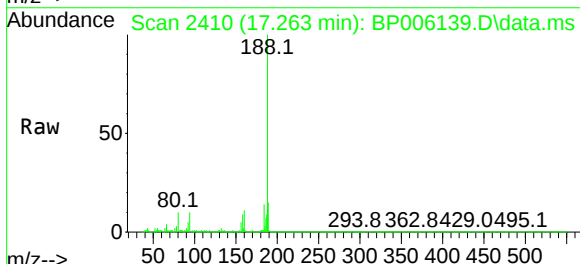
Instrument :
BNA_P
ClientSampleId :
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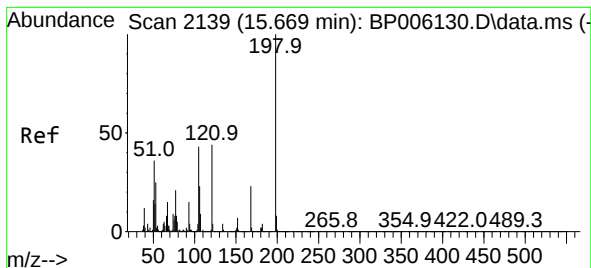
Tgt Ion:138 Resp: 69
Ion Ratio Lower Upper
138 100
92 54.6 31.2 71.2
108 108.9 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

Tgt Ion:188 Resp: 918729
Ion Ratio Lower Upper
188 100
94 9.9 5.6 8.4#
80 10.4 6.3 9.5#

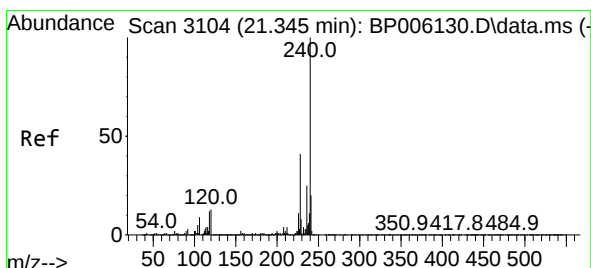
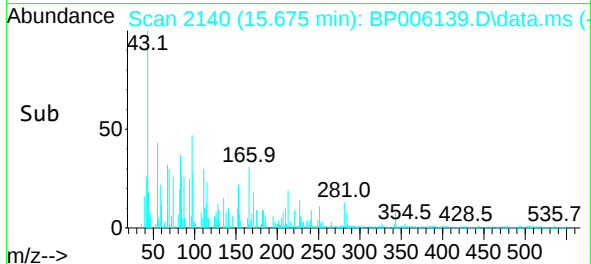
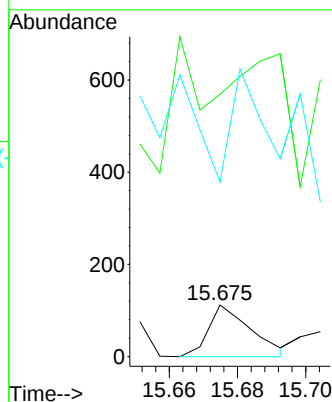
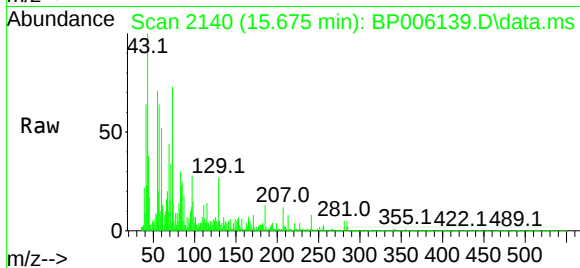




#65
4,6-Dinitro-2-methylphenol
Concen: 4.434 ng
RT: 15.675 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

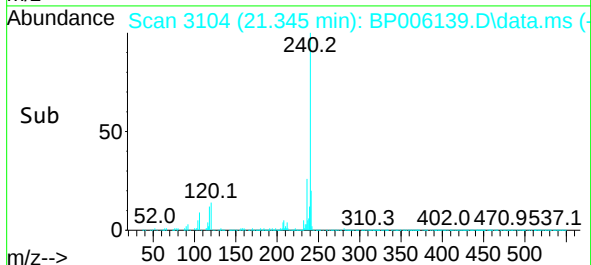
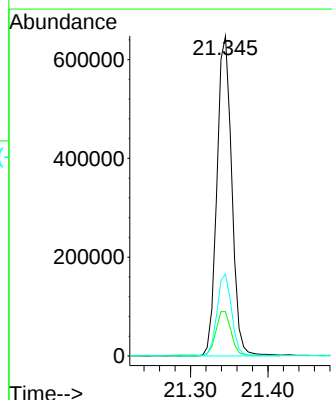
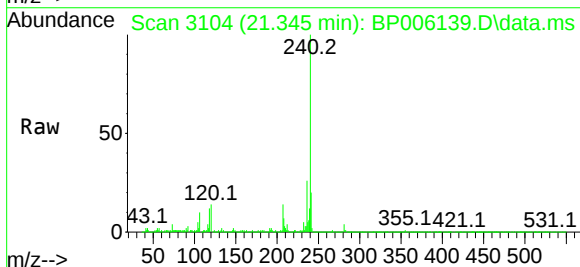
Instrument :
BNA_P
ClientSampleId :
C7-SOIL-PILE

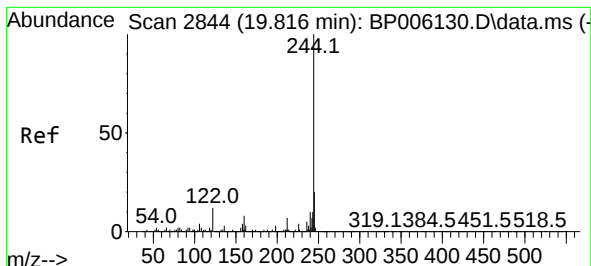
Tgt Ion:198 Resp: 97
Ion Ratio Lower Upper
198 100
51 508.0 14.0 54.0#
105 338.4 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP006139.D
Acq: 08 Jul 2021 14:44

Tgt Ion:240 Resp: 859100
Ion Ratio Lower Upper
240 100
120 13.8 6.5 9.7#
236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 59.319 ng

RT: 19.816 min Scan# 2844

Delta R.T. 0.000 min

Lab File: BP006139.D

Acq: 08 Jul 2021 14:44

Instrument :

BNA_P

ClientSampleId :

C7-SOIL-PILE

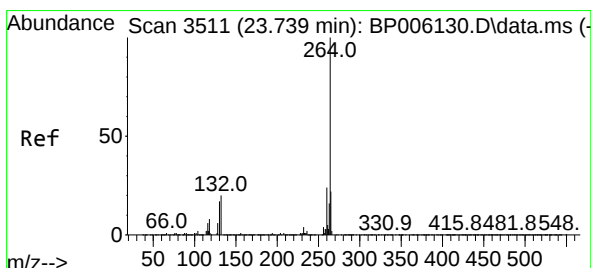
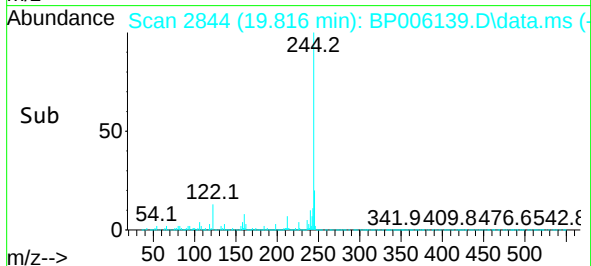
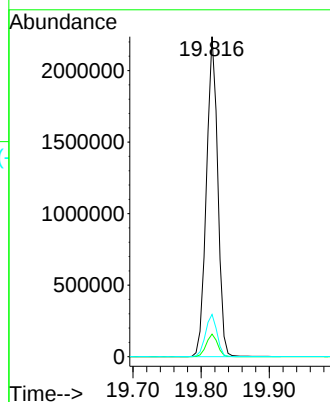
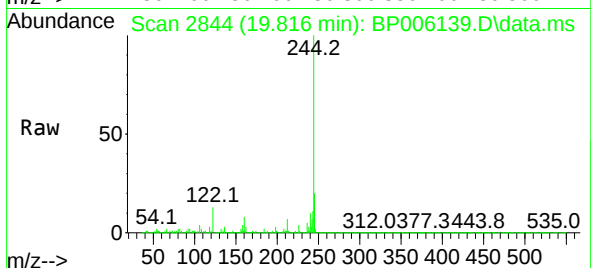
Tgt Ion:244 Resp: 2584722

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 13.2 7.1 10.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.739 min Scan# 3511

Delta R.T. 0.000 min

Lab File: BP006139.D

Acq: 08 Jul 2021 14:44

Tgt Ion:264 Resp: 962815

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.5 17.6 26.4

