

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006154.D
 Acq On : 08 Jul 2021 23:16
 Operator : CG/JU
 Sample : M2947-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-PILE-9

Quant Time: Jul 09 04:31:34 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)

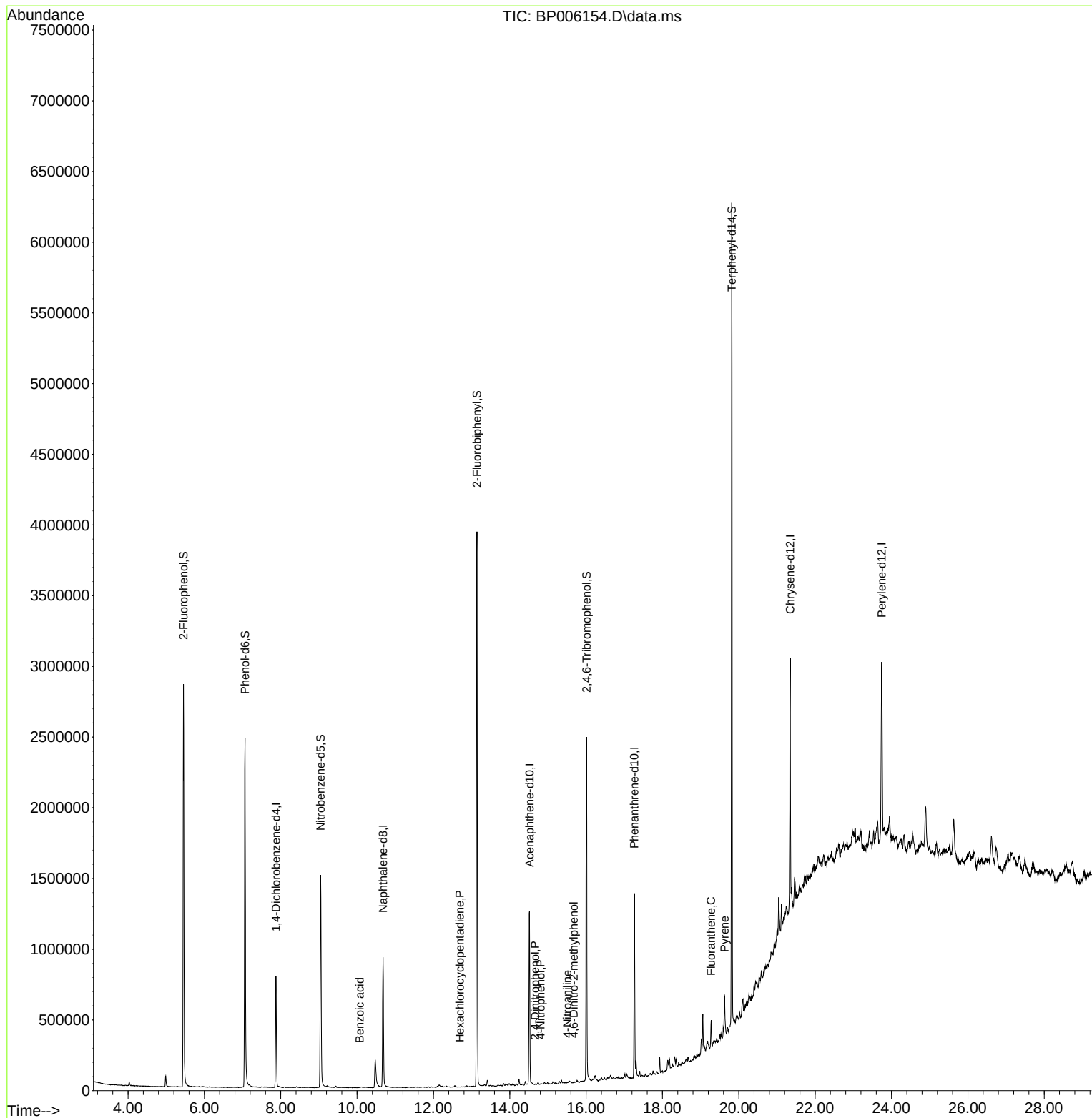
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	231450	20.00	ng	0.00
21) Naphthalene-d8	10.681	136	842353	20.00	ng	0.00
39) Acenaphthene-d10	14.516	164	444042	20.00	ng	0.00
64) Phenanthrene-d10	17.263	188	775847	20.00	ng	# 0.00
76) Chrysene-d12	21.345	240	747118	20.00	ng	# 0.00
86) Perylene-d12	23.745	264	883520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1397441	103.89	ng	0.00
7) Phenol-d6	7.064	99	1621107	91.11	ng	0.00
23) Nitrobenzene-d5	9.046	82	922389	69.17	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	483744	91.50	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	2067248	68.82	ng	0.00
79) Terphenyl-d14	19.816	244	2455833	64.81	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.069	122	62	6.91	ng	# 6
41) Hexachlorocyclopentadiene	12.693	237	34	8.72	ng	79
54) 2,4-Dinitrophenol	14.663	184	14	8.88	ng	# 1
56) 4-Nitrophenol	14.810	139	167	7.15	ng	# 26
62) 4-Nitroaniline	15.510	138	176	2.98	ng	93
65) 4,6-Dinitro-2-methylph...	15.675	198	58	4.43	ng	# 1
75) Fluoranthene	19.275	202	99785	2.08	ng	94
78) Pyrene	19.628	202	150827	2.99	ng	99

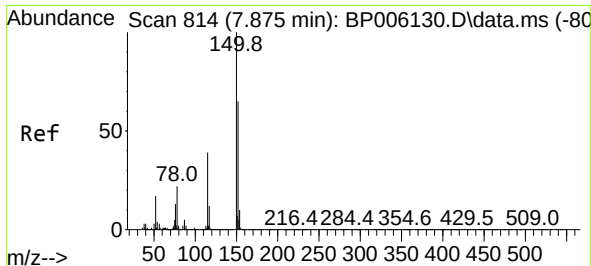
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
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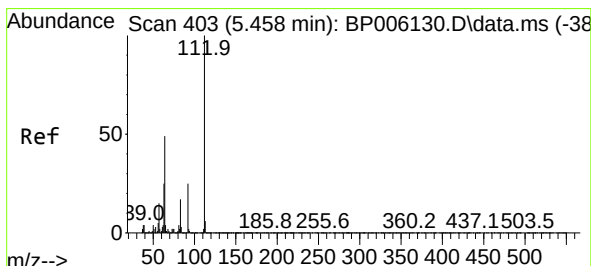
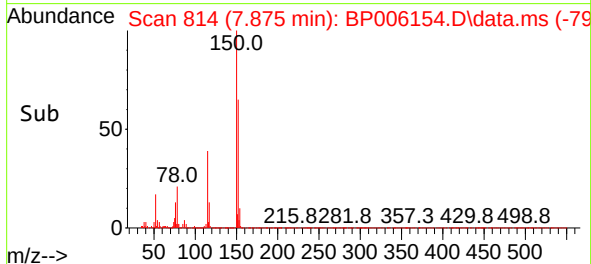
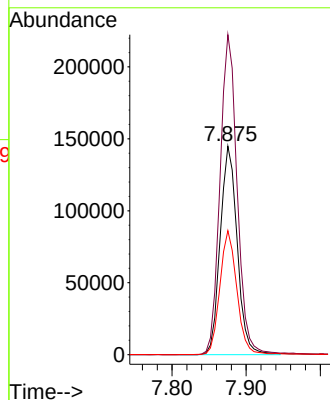
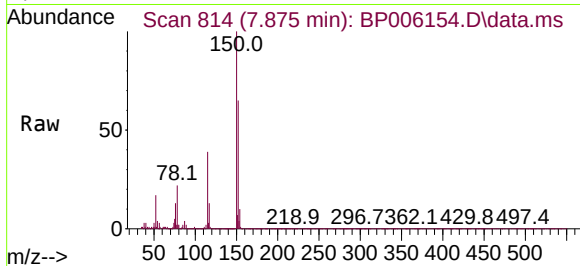




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

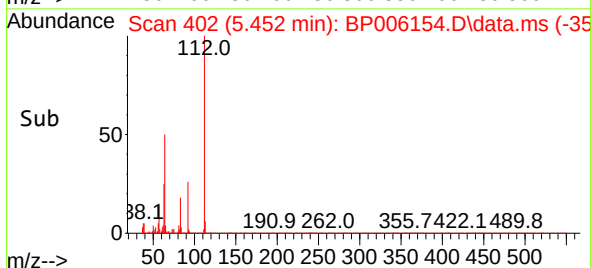
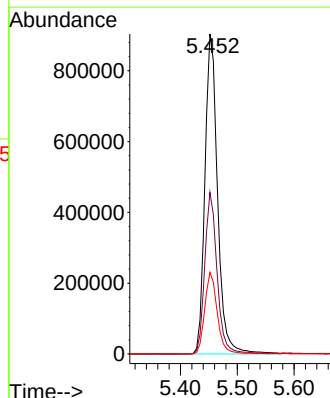
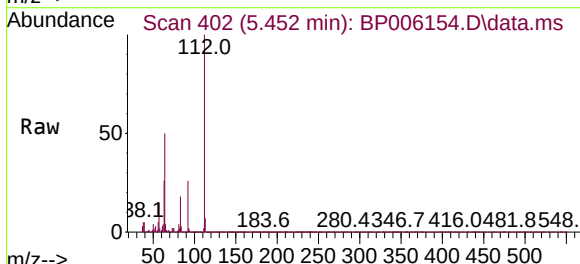
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SOIL-PILE-9

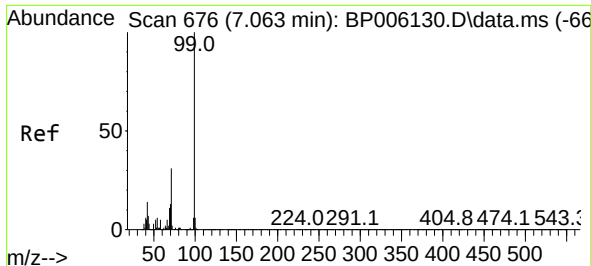
Tgt Ion:152 Resp: 231450
Ion Ratio Lower Upper
152 100
150 153.5 125.6 188.4
115 59.4 48.5 72.7



#5
2-Fluorophenol
Concen: 103.89 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

Tgt Ion:112 Resp: 1397441
Ion Ratio Lower Upper
112 100
64 50.5 41.4 62.2
63 25.5 23.8 35.8

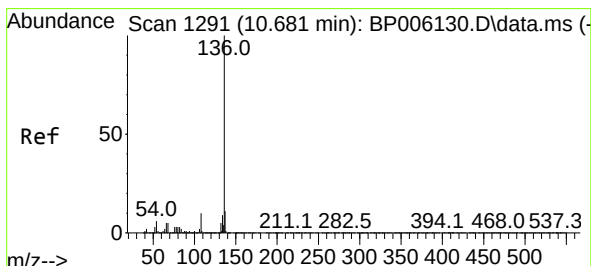
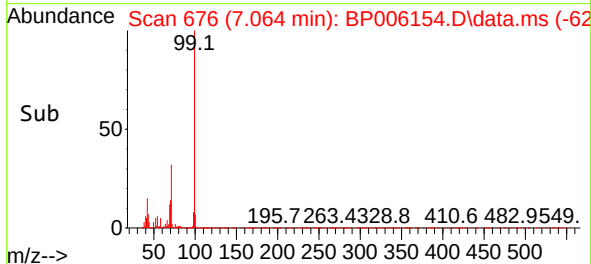
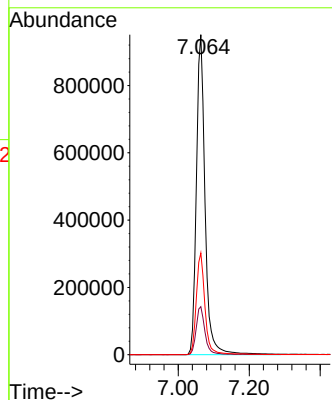
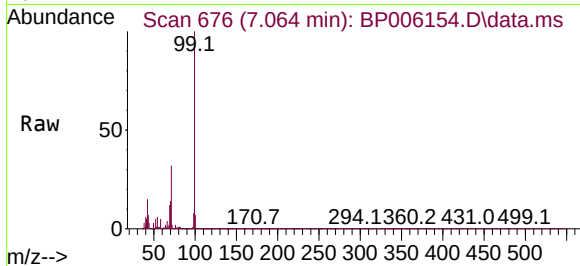




#7
Phenol-d6
Concen: 91.11 ng
RT: 7.064 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

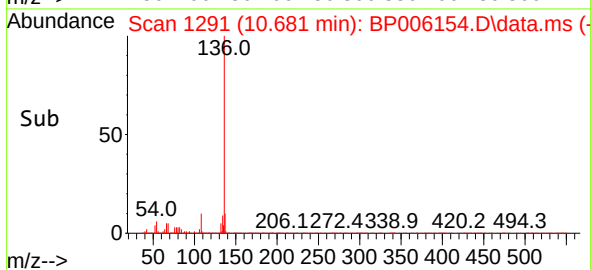
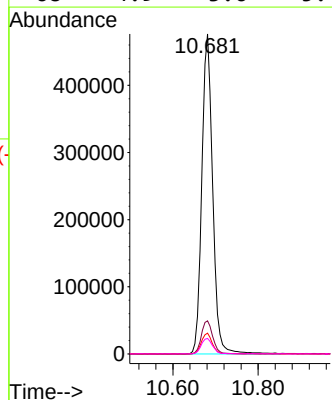
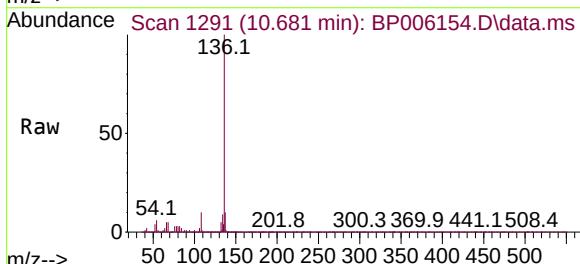
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9

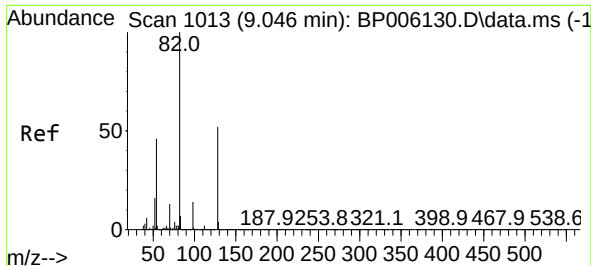
Tgt Ion: 99 Resp: 1621107
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 31.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.681 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

Tgt Ion: 136 Resp: 842353
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 6.5 4.6 6.8
68 4.9 3.6 5.4

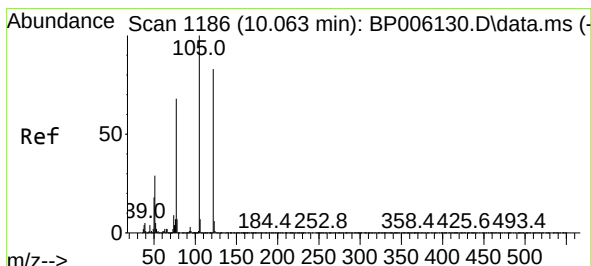
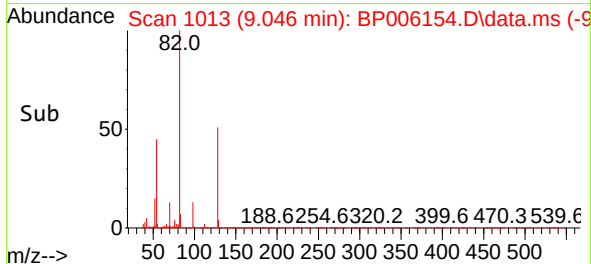
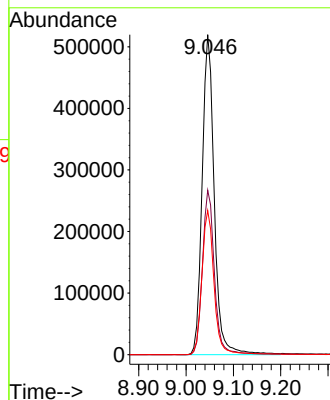
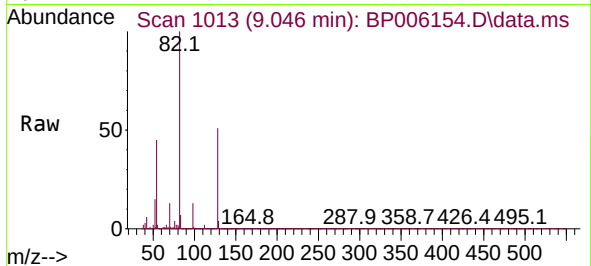




#23
Nitrobenzene-d5
Concen: 69.17 ng
RT: 9.046 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

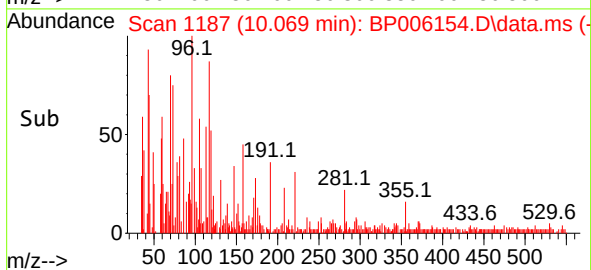
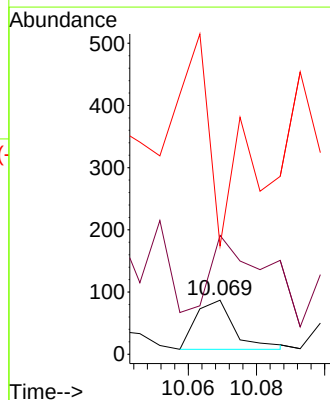
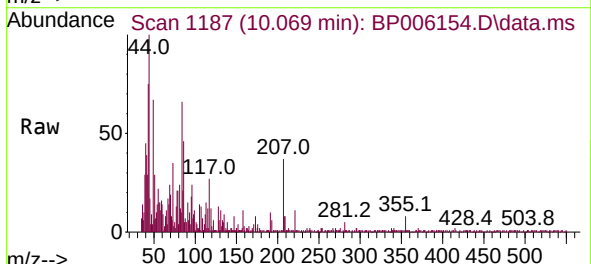
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9

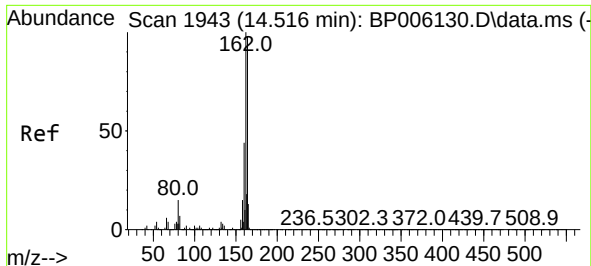
Tgt Ion: 82 Resp: 922389
Ion Ratio Lower Upper
82 100
128 51.4 35.7 53.5
54 45.1 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 219.5 103.2 143.2#
77 200.0 76.2 116.2#

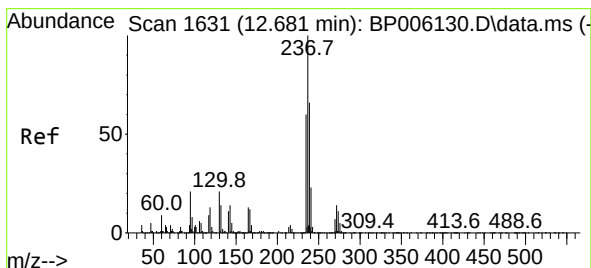
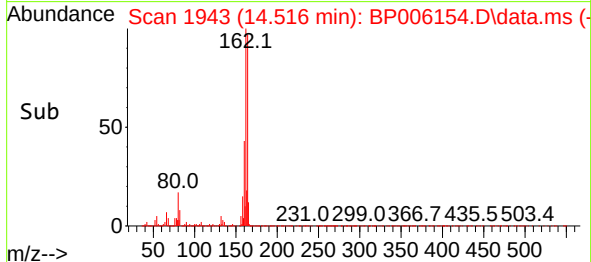
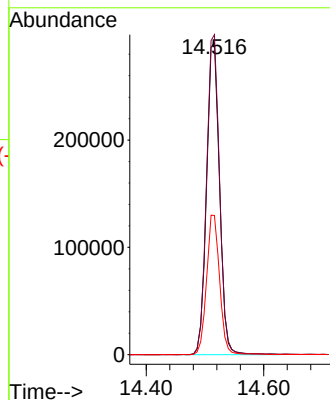
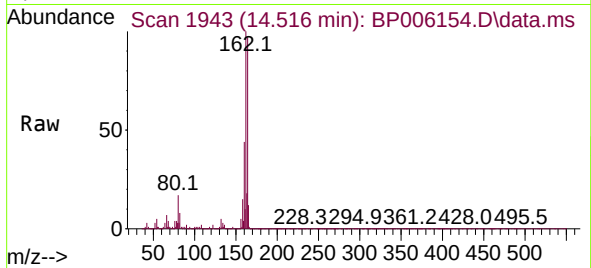




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

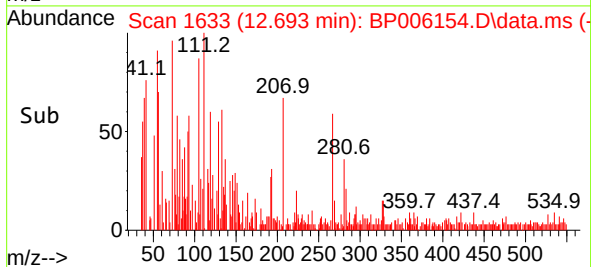
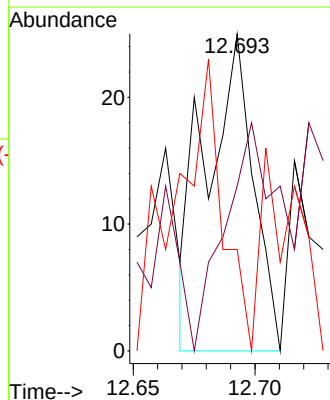
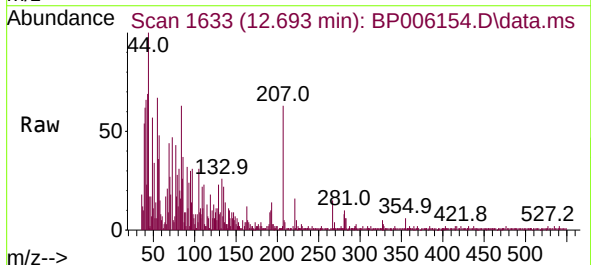
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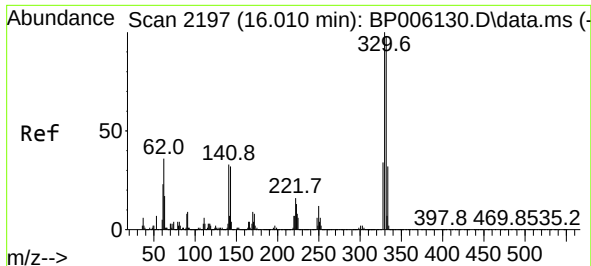
Tgt Ion:164 Resp: 444042
Ion Ratio Lower Upper
164 100
162 102.6 80.2 120.2
160 44.7 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.72 ng
RT: 12.693 min Scan# 1633
Delta R.T. 0.012 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

Tgt Ion:237 Resp: 34
Ion Ratio Lower Upper
237 100
235 52.0 44.5 84.5
272 32.0 0.0 32.5

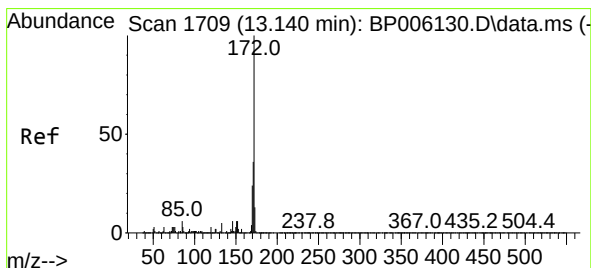
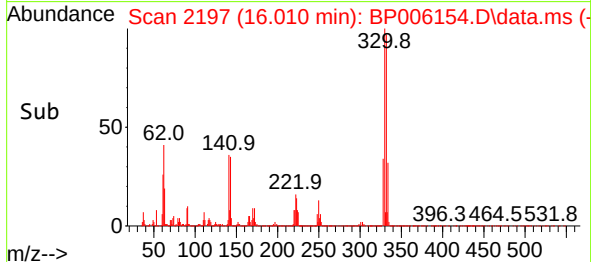
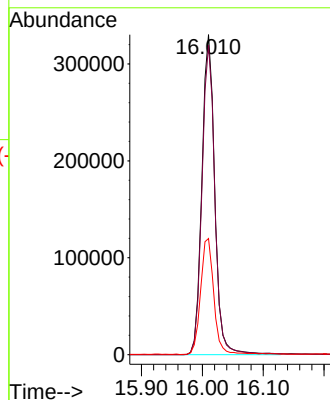
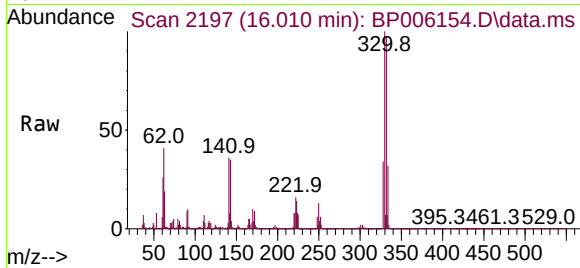




#42
2,4,6-Tribromophenol
Concen: 91.50 ng
RT: 16.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

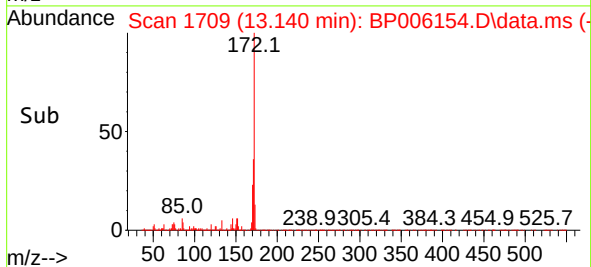
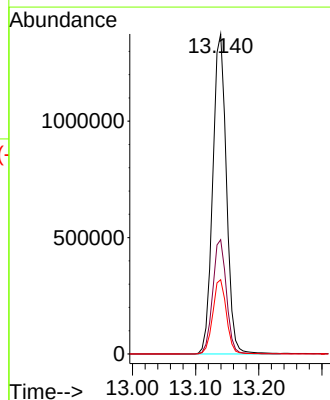
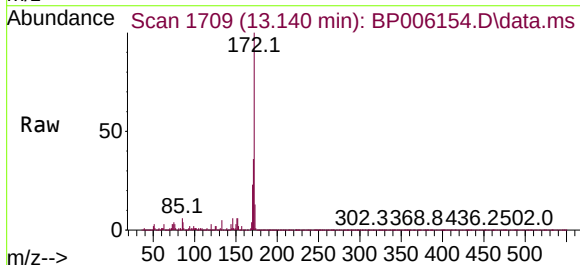
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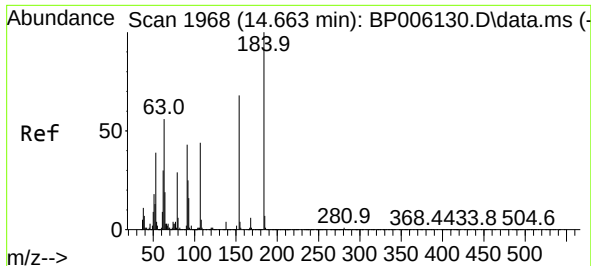
Tgt Ion:330 Resp: 483744
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 37.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 68.82 ng
RT: 13.140 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

Tgt Ion:172 Resp: 2067248
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.2 18.6 27.8

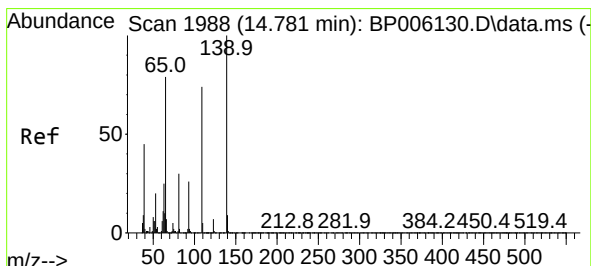
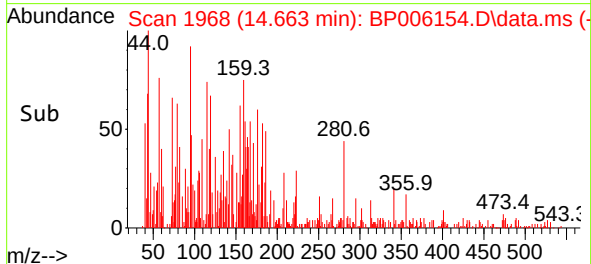
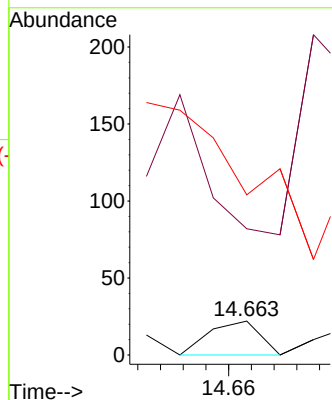
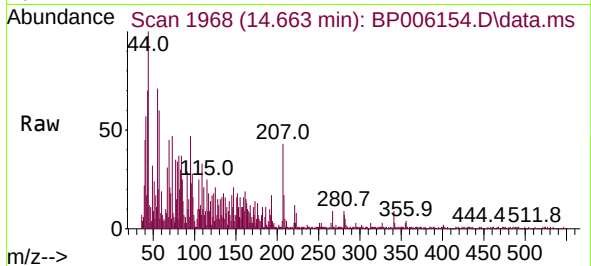




#54
2,4-Dinitrophenol
Concen: 8.88 ng
RT: 14.663 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

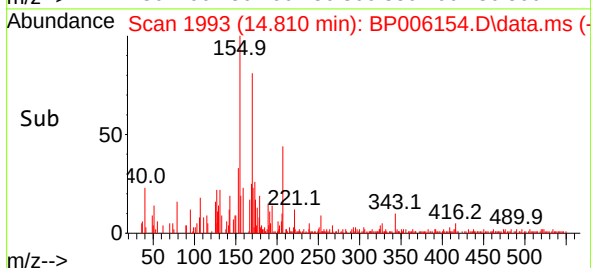
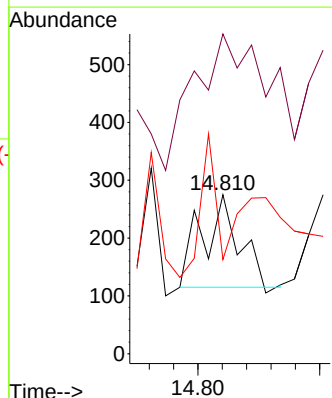
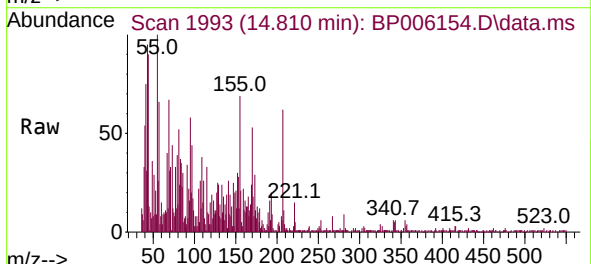
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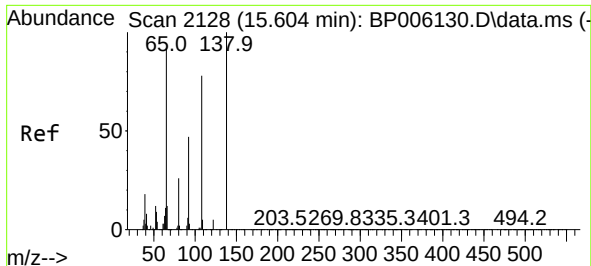
Tgt Ion:	184	Resp:	14
Ion	Ratio	Lower	Upper
184	100		
63	372.7	47.0	70.6#
154	472.7	52.3	78.5#



#56
4-Nitrophenol
Concen: 7.15 ng
RT: 14.810 min Scan# 1993
Delta R.T. 0.029 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

Tgt Ion:	139	Resp:	167
Ion	Ratio	Lower	Upper
139	100		
109	201.1	72.3	112.3#
65	59.3	72.5	112.5#

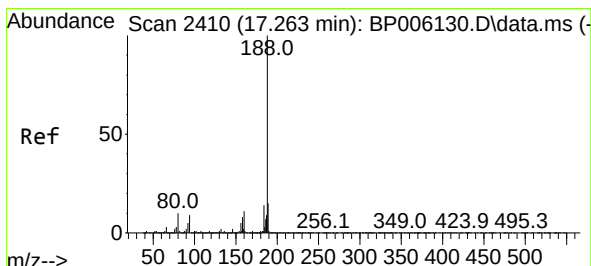
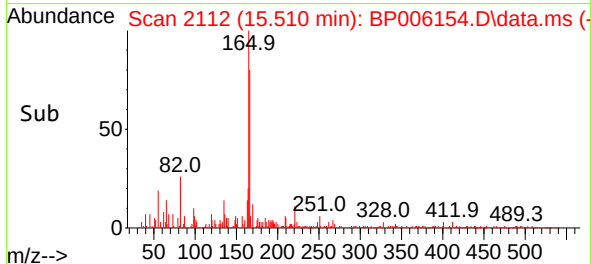
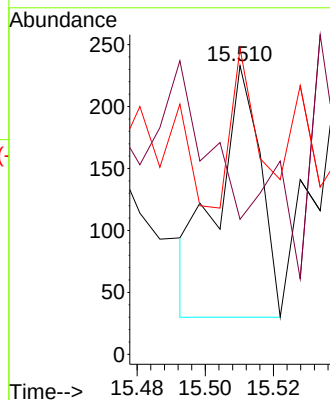
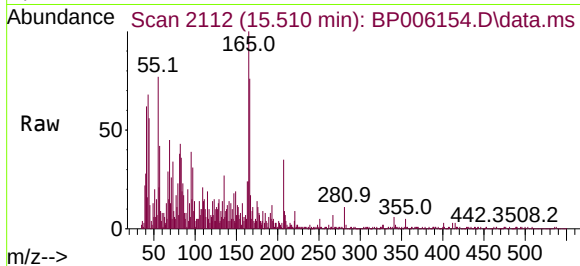




#62
4-Nitroaniline
Concen: 2.98 ng
RT: 15.510 min Scan# 2112
Delta R.T. -0.094 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

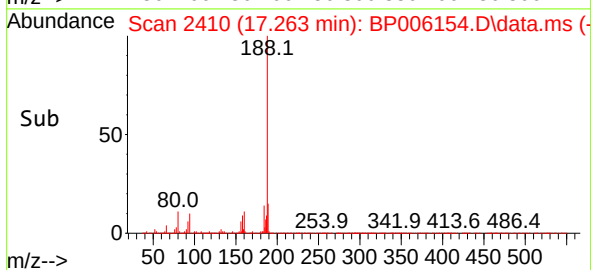
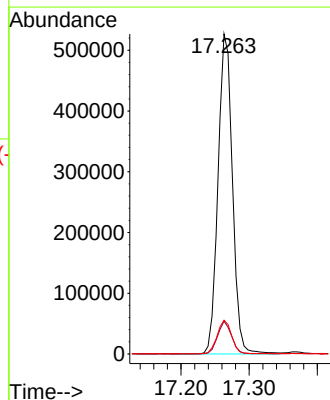
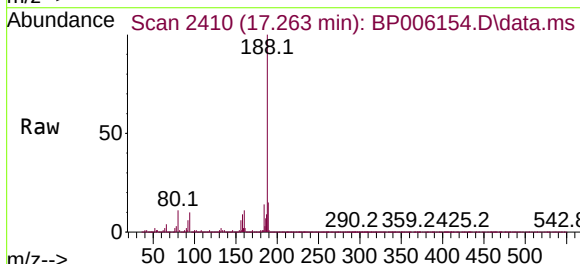
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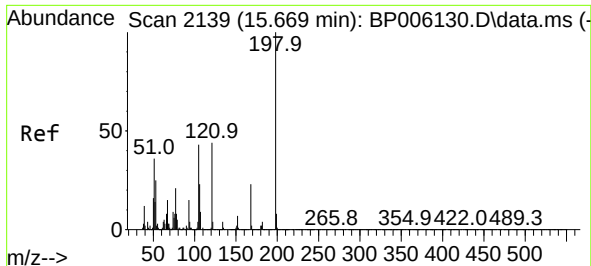
Tgt Ion:	138	Resp:	176
Ion	Ratio	Lower	Upper
138	100		
92	46.8	31.2	71.2
108	106.0	78.6	118.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

Tgt Ion:	188	Resp:	775847
Ion	Ratio	Lower	Upper
188	100		
94	10.2	5.6	8.4#
80	10.6	6.3	9.5#

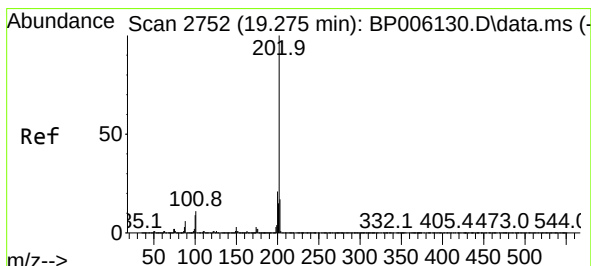
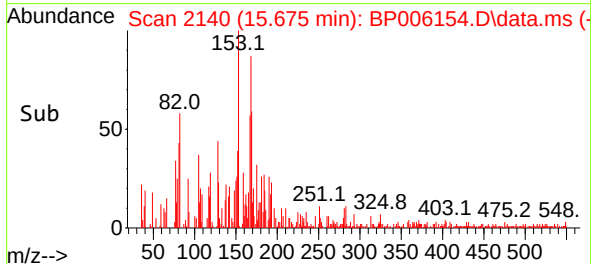
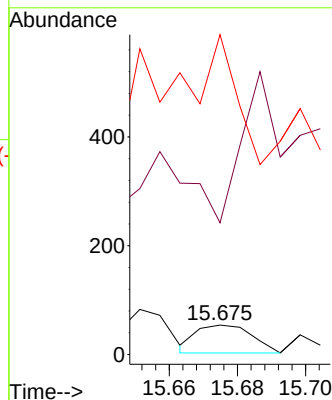
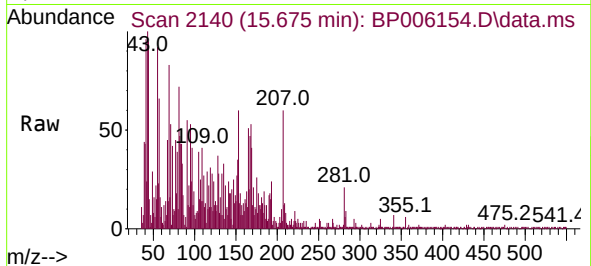




#65
4,6-Dinitro-2-methylphenol
Concen: 4.43 ng
RT: 15.675 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

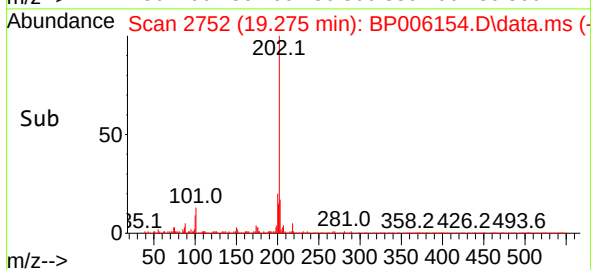
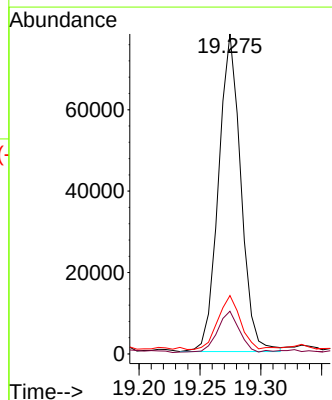
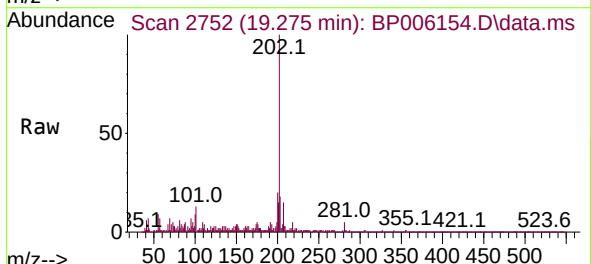
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9

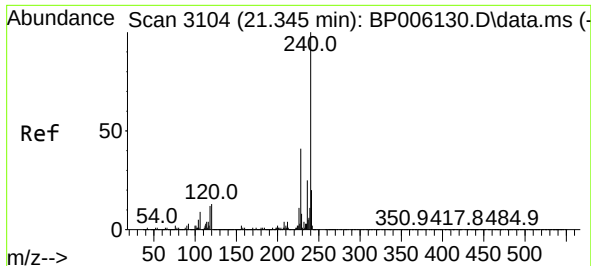
Tgt Ion:198 Resp: 58
Ion Ratio Lower Upper
198 100
51 448.1 14.0 54.0#
105 1088.9 19.5 59.5#



#75
Fluoranthene
Concen: 2.08 ng
RT: 19.275 min Scan# 2752
Delta R.T. 0.000 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

Tgt Ion:202 Resp: 99785
Ion Ratio Lower Upper
202 100
101 13.4 0.0 27.6
203 18.3 0.0 37.8

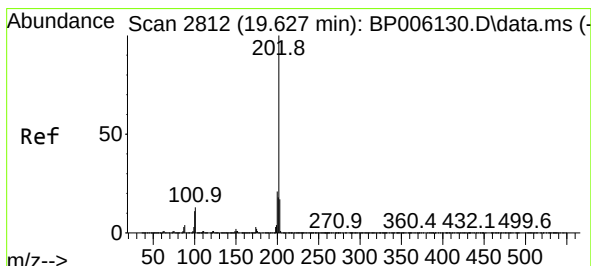
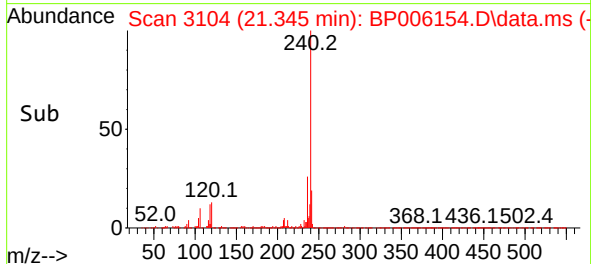
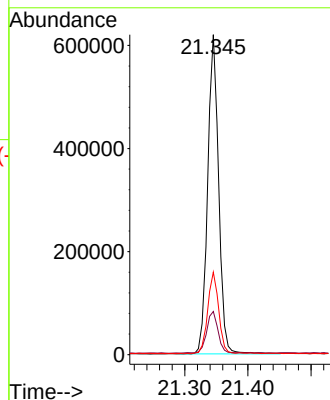
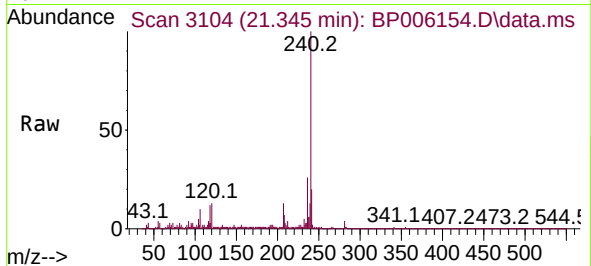




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

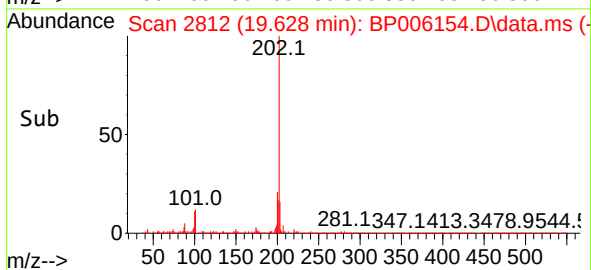
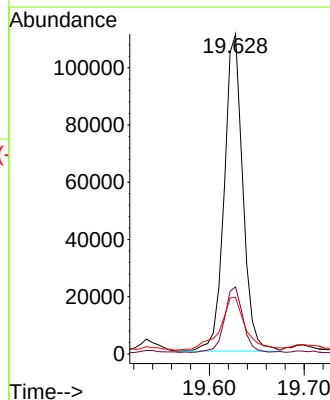
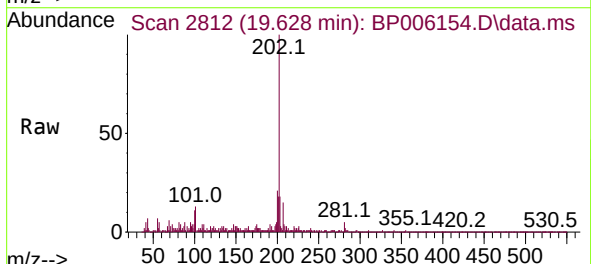
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE-9

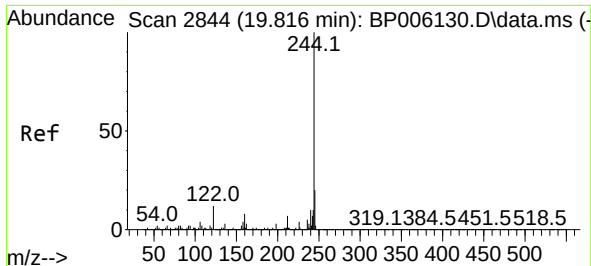
Tgt Ion:240 Resp: 747118
Ion Ratio Lower Upper
240 100
120 13.5 6.5 9.7#
236 25.8 20.6 31.0



#78
Pyrene
Concen: 2.99 ng
RT: 19.628 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP006154.D
Acq: 08 Jul 2021 23:16

Tgt Ion:202 Resp: 150827
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 17.7 14.2 21.2

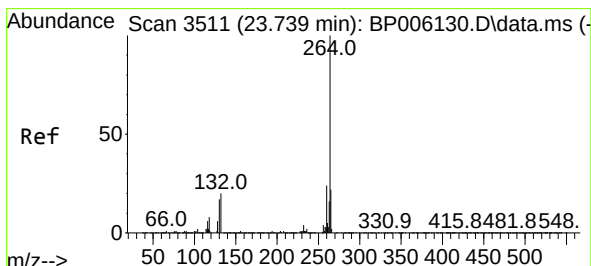
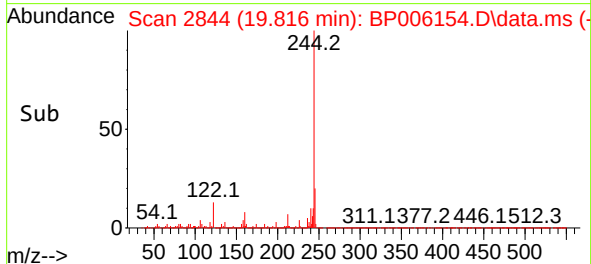
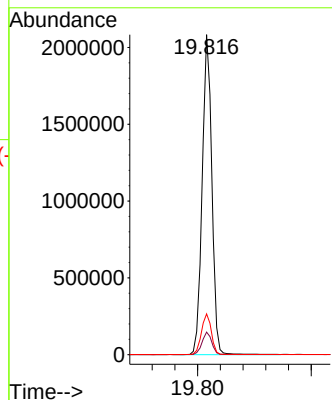
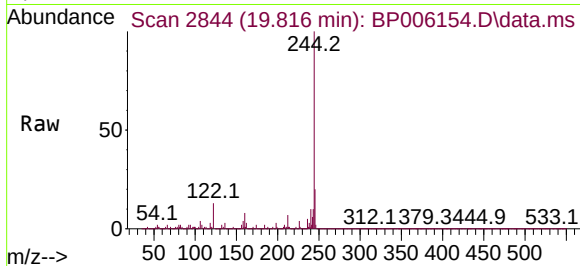




#79
 Terphenyl-d14
 Concen: 64.81 ng
 RT: 19.816 min Scan# 2844
 Delta R.T. 0.000 min
 Lab File: BP006154.D
 Acq: 08 Jul 2021 23:16

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-PILE-9

Tgt Ion:244 Resp: 2455833
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.8 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.745 min Scan# 3512
 Delta R.T. 0.006 min
 Lab File: BP006154.D
 Acq: 08 Jul 2021 23:16

Tgt Ion:264 Resp: 883520
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 22.0 17.6 26.4

