

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
 Data File : BP003475.D
 Acq On : 03 Oct 2020 02:52
 Operator : CG/JU
 Sample : L4194-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CG-SOIL

Quant Time: Oct 03 04:30:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 02 11:17:24 2020
 Response via : Initial Calibration

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

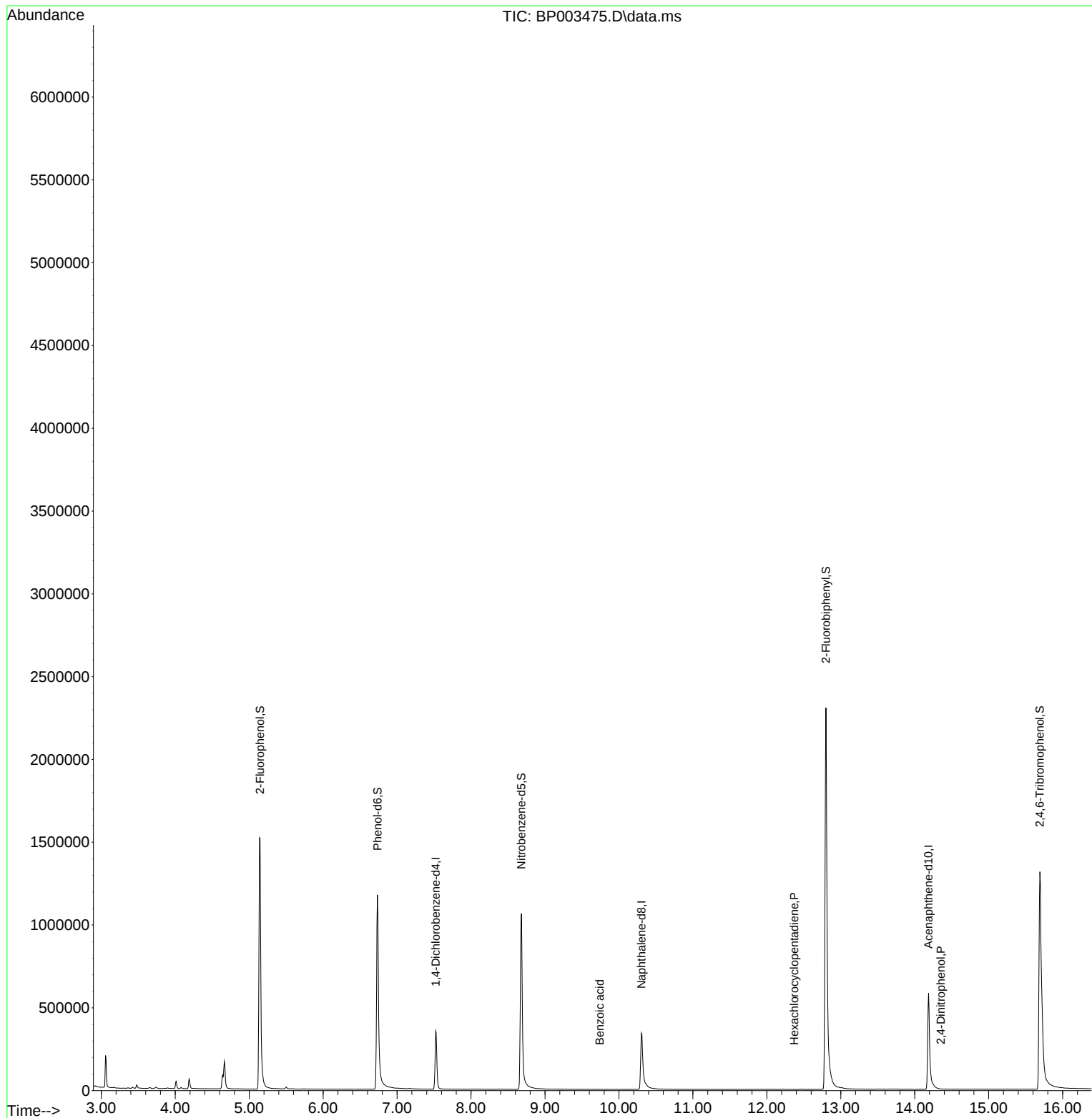
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	100735	20.00	ng	0.00
21) Naphthalene-d8	10.304	136	408386	20.00	ng	# 0.00
39) Acenaphthene-d10	14.187	164	255592	20.00	ng	0.00
64) Phenanthrene-d10	16.951	188	571429	20.00	ng	# 0.01
76) Chrysene-d12	21.057	240	635751	20.00	ng	0.00
86) Perylene-d12	23.239	264	623110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	811180	140.61	ng	0.00
7) Phenol-d6	6.734	99	924156	120.18	ng	0.00
23) Nitrobenzene-d5	8.681	82	796808	114.62	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	449689	115.35	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	1610406	92.15	ng	0.00
79) Terphenyl-d14	19.527	244	2505967	82.13	ng	0.00
Target Compounds						
32) Benzoic acid	9.740	122	42	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.369	237	5	6.84	ng	84
54) 2,4-Dinitrophenol	14.351	184	5	7.25	ng	# 1
70) Pentachlorophenol	16.681	266	75	6.79	ng	91
77) Benzidine	19.169	184	104028	5.28	ng	99

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

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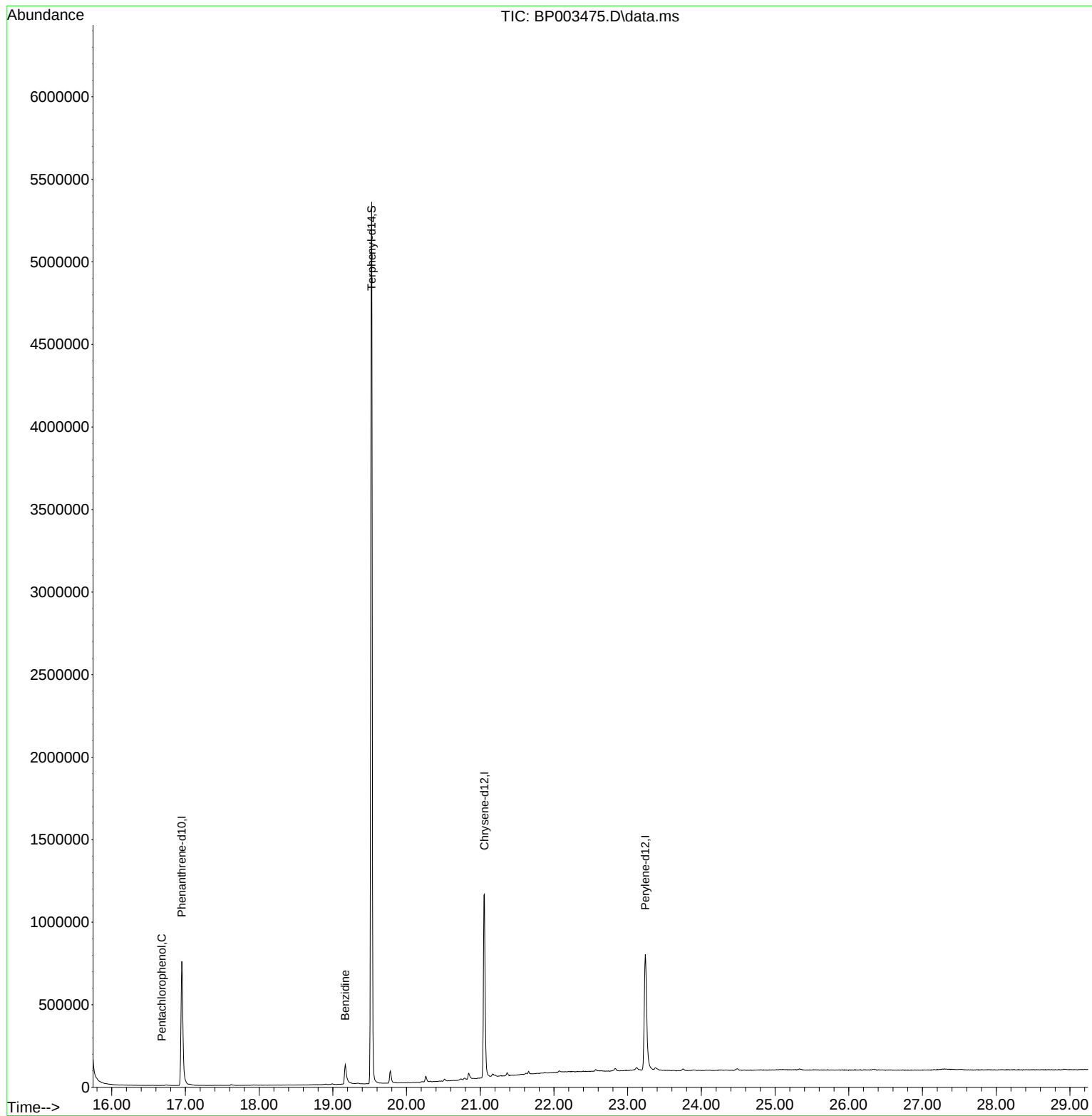
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 11:17:24 2020
Response via : Initial Calibration

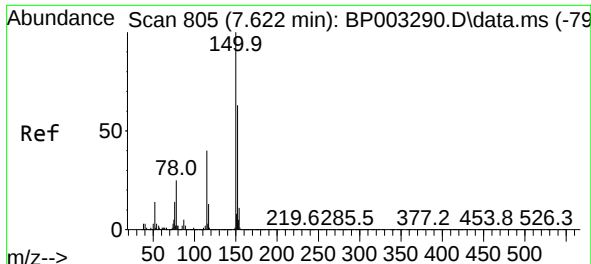


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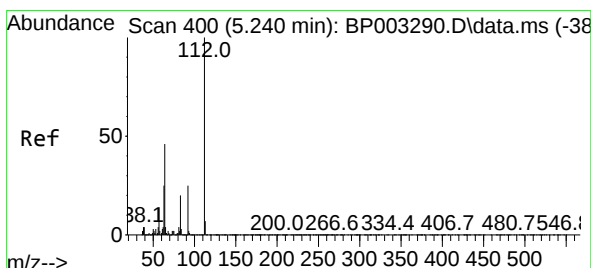
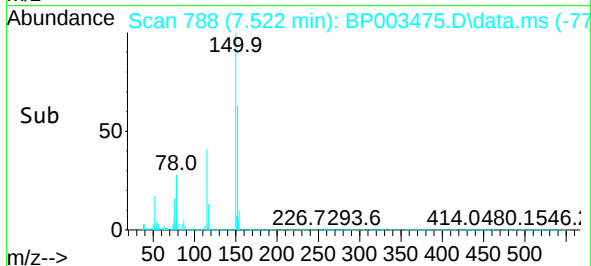
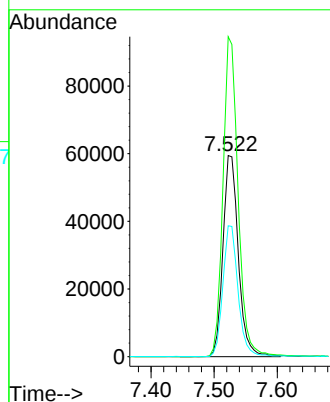
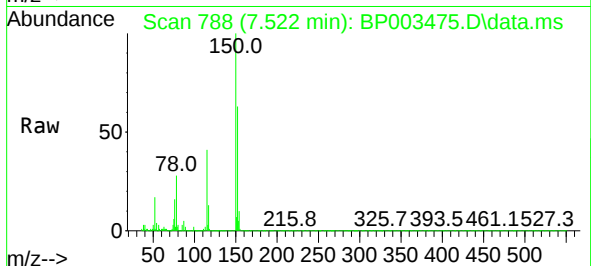




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.522 min Scan# 788
Delta R.T. -0.006 min
Lab File: BP003475.D
Acq: 03 Oct 2020 02:52

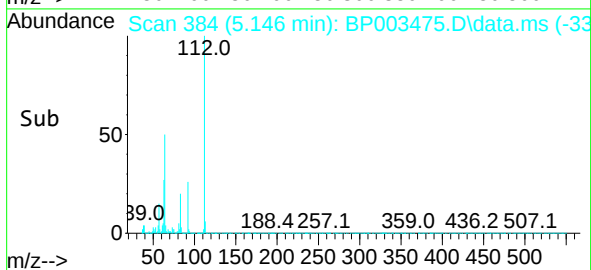
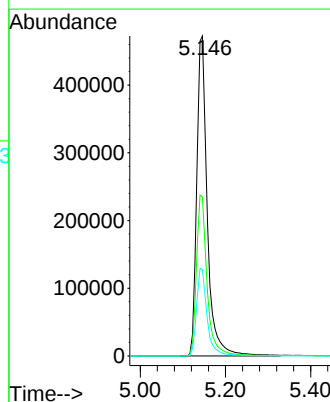
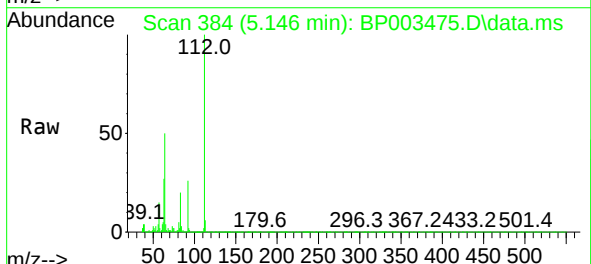
Instrument :
BNA_P
ClientSampleId :
CG-SOIL

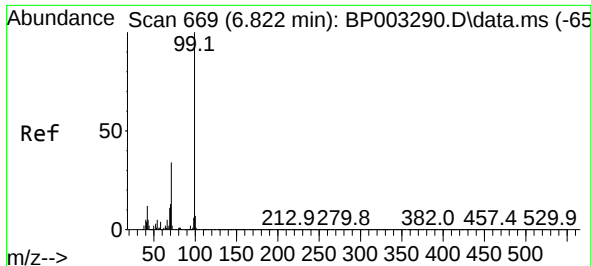
Tgt Ion:152 Resp: 100735
Ion Ratio Lower Upper
152 100
150 159.2 123.8 185.6
115 65.1 43.8 65.6



#5
2-Fluorophenol
Concen: 140.61 ng
RT: 5.146 min Scan# 384
Delta R.T. 0.006 min
Lab File: BP003475.D
Acq: 03 Oct 2020 02:52

Tgt Ion:112 Resp: 811180
Ion Ratio Lower Upper
112 100
64 49.6 32.8 49.2#
63 26.9 17.0 25.4#

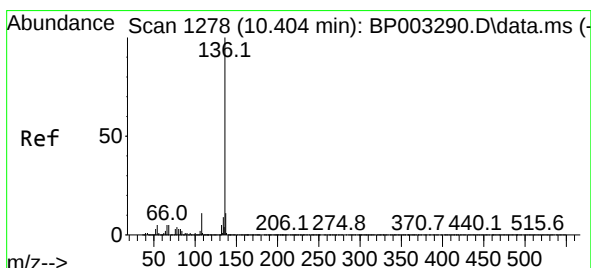
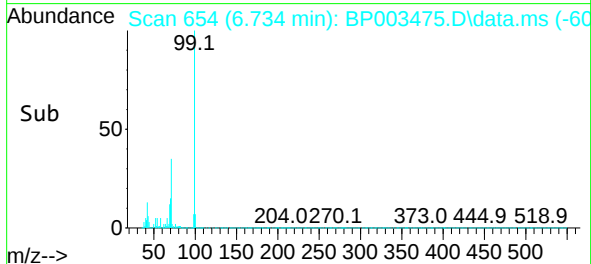
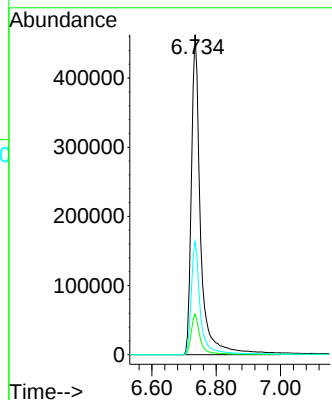
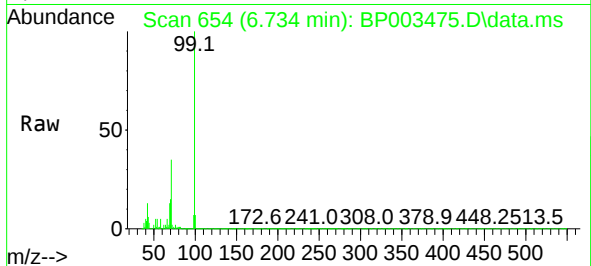




#7
Phenol-d6
Concen: 120.18 ng
RT: 6.734 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP003475.D
Acq: 03 Oct 2020 02:52

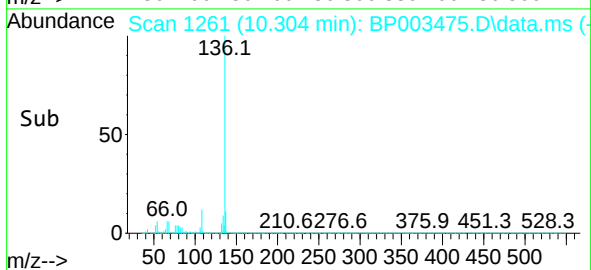
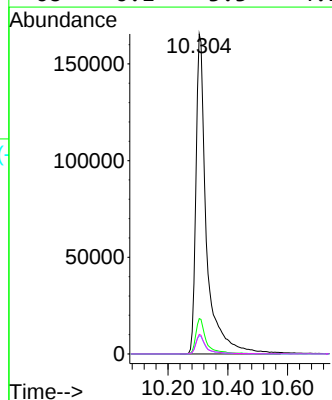
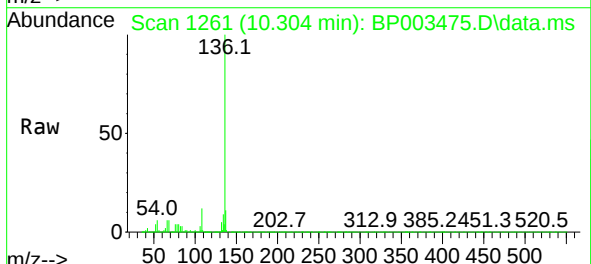
Instrument :
BNA_P
ClientSampleId :
CG-SOIL

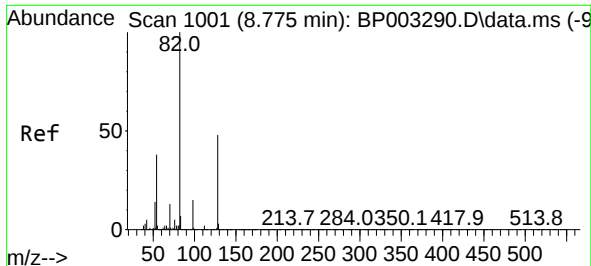
Tgt Ion: 99 Resp: 924156
Ion Ratio Lower Upper
99 100
42 12.7 8.6 13.0
71 35.3 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.304 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP003475.D
Acq: 03 Oct 2020 02:52

Tgt Ion: 136 Resp: 408386
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 5.7 3.6 5.4#
68 6.1 3.3 4.9#

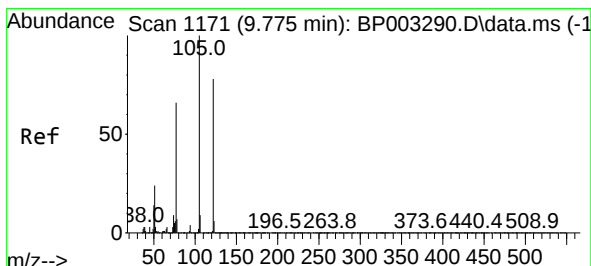
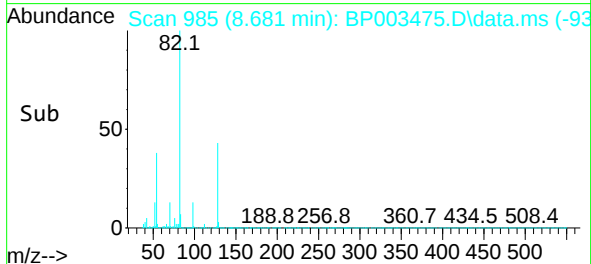
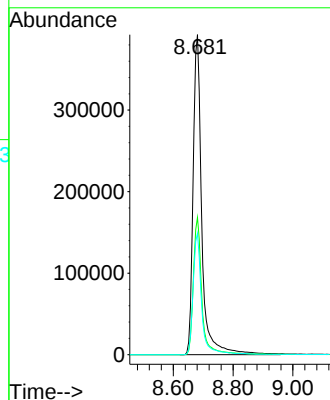
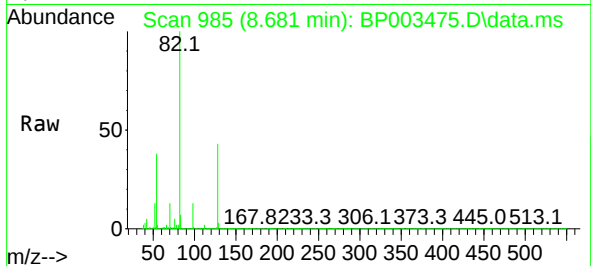




#23
Nitrobenzene-d5
Concen: 114.62 ng
RT: 8.681 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP003475.D
Acq: 03 Oct 2020 02:52

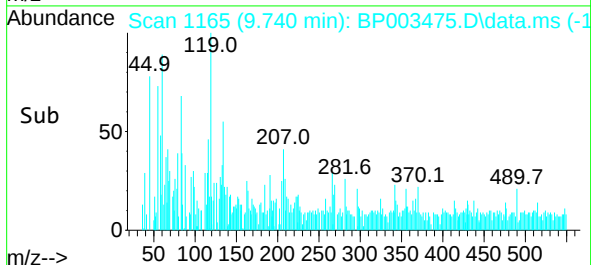
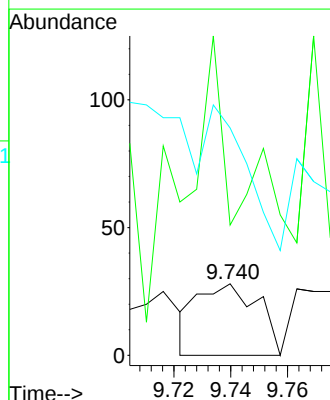
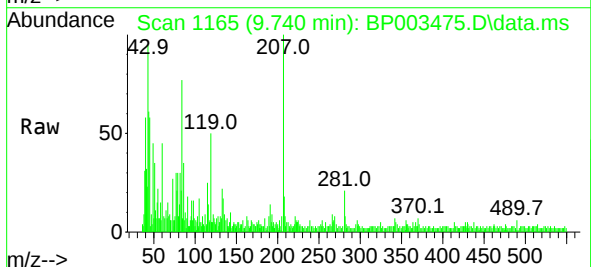
Instrument :
BNA_P
ClientSampleId :
CG-SOIL

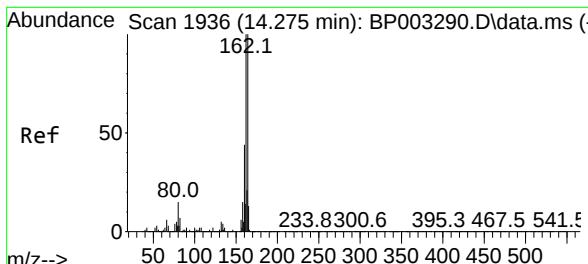
Tgt Ion: 82 Resp: 796808
Ion Ratio Lower Upper
82 100
128 42.9 45.6 68.4#
54 38.0 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.740 min Scan# 1165
Delta R.T. 0.018 min
Lab File: BP003475.D
Acq: 03 Oct 2020 02:52

Tgt Ion: 122 Resp: 42
Ion Ratio Lower Upper
122 100
105 182.1 94.1 134.1#
77 317.9 50.1 90.1#



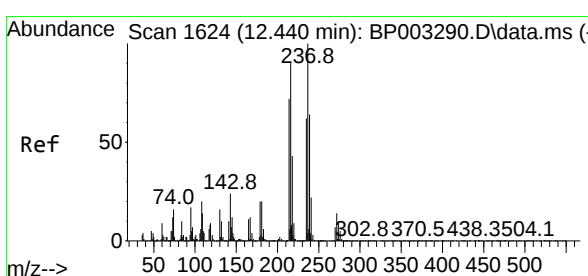
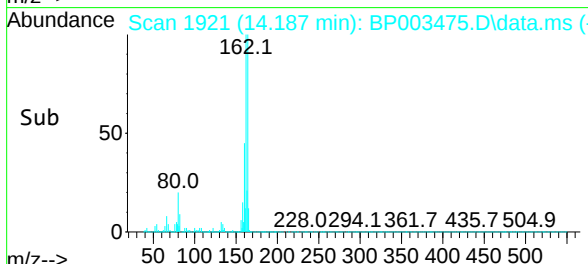
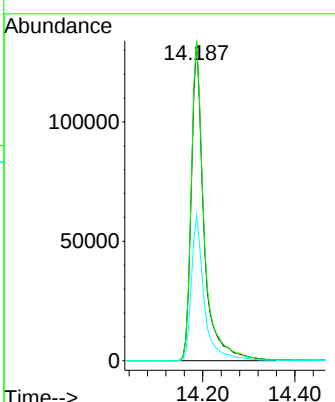
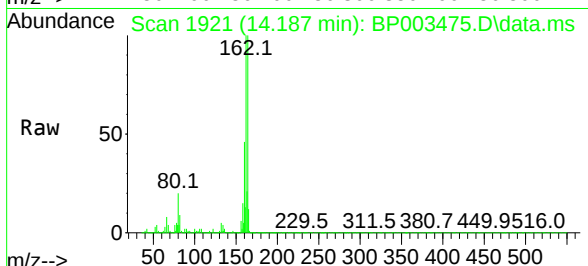


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.187 min Scan# 1921
 Delta R.T. 0.000 min
 Lab File: BP003475.D
 Acq: 03 Oct 2020 02:52

Instrument :
 BNA_P
 ClientSampleId :
 CG-SOIL

Tgt Ion:164 Resp: 255592

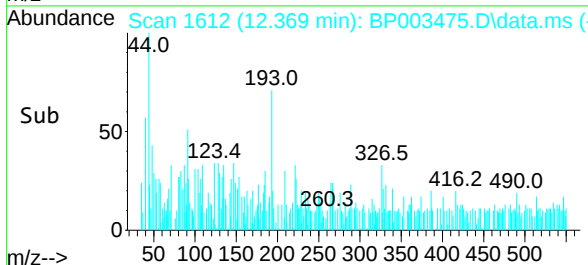
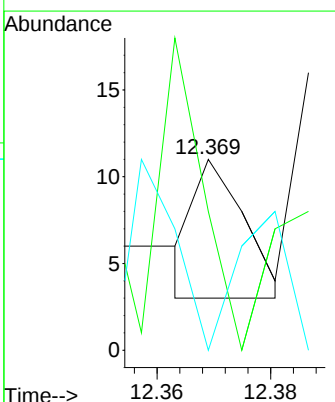
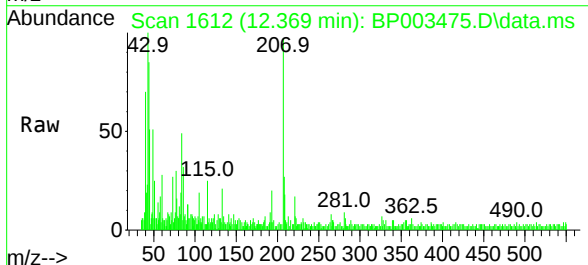
Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.4	119.2
160	45.6	36.1	54.1

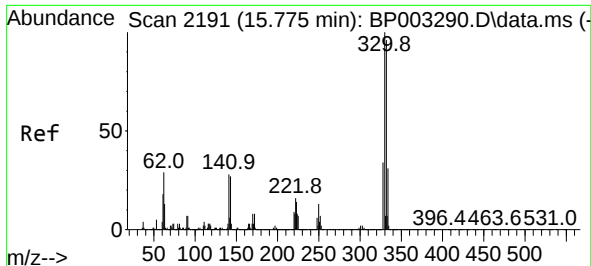


#41
 Hexachlorocyclopentadiene
 Concen: 6.84 ng
 RT: 12.369 min Scan# 1612
 Delta R.T. 0.029 min
 Lab File: BP003475.D
 Acq: 03 Oct 2020 02:52

Tgt Ion:237 Resp: 5

Ion	Ratio	Lower	Upper
237	100		
235	72.7	43.2	83.2
272	0.0	0.0	33.3

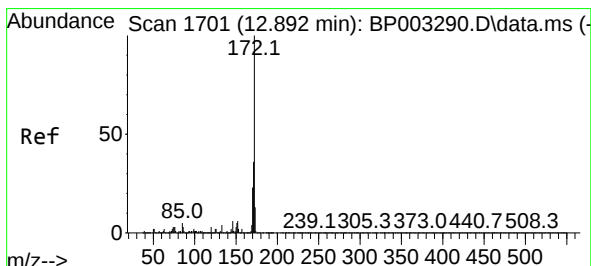
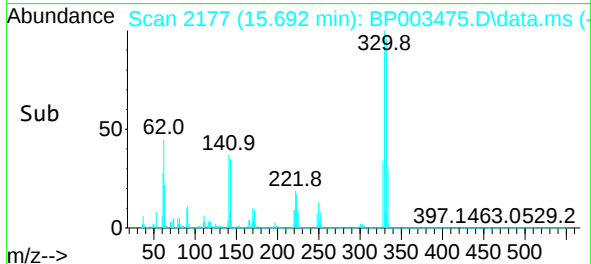
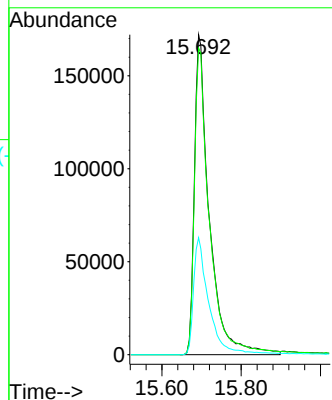
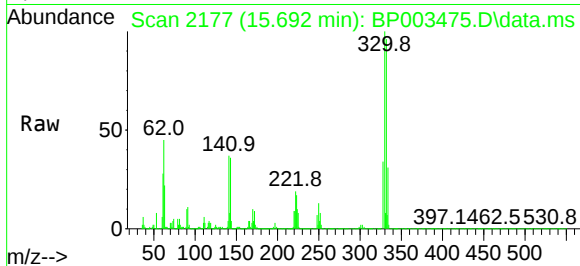




#42
2,4,6-Tribromophenol
Concen: 115.35 ng
RT: 15.692 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP003475.D
Acq: 03 Oct 2020 02:52

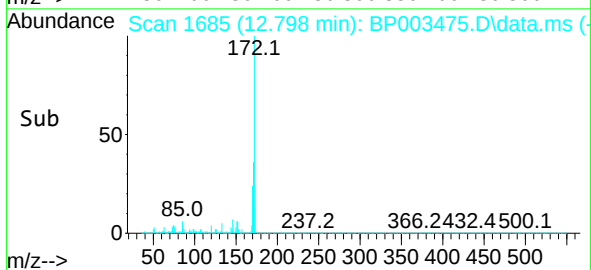
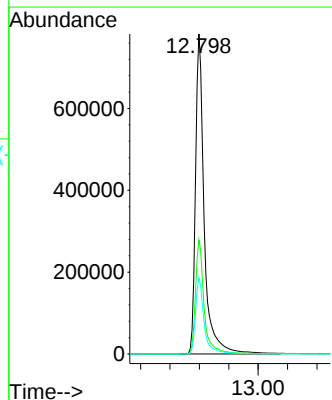
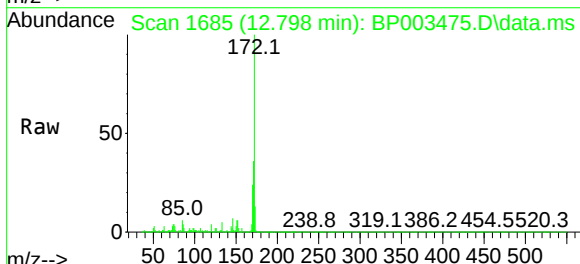
Instrument :
BNA_P
ClientSampleId :
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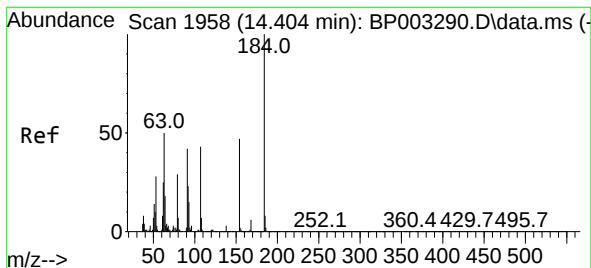
Tgt Ion:330 Resp: 449689
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 37.8 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 92.15 ng
RT: 12.798 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BP003475.D
Acq: 03 Oct 2020 02:52

Tgt Ion:172 Resp: 1610406
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.7 19.2 28.8

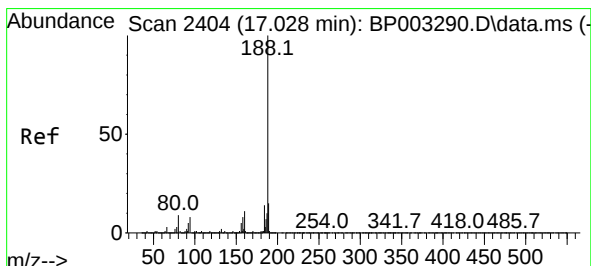
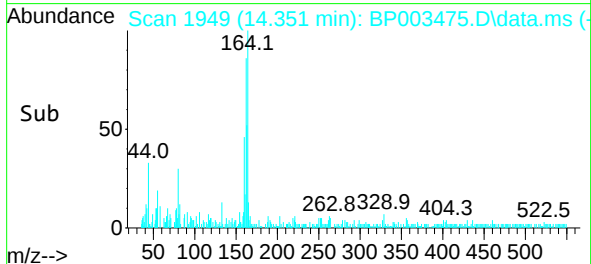
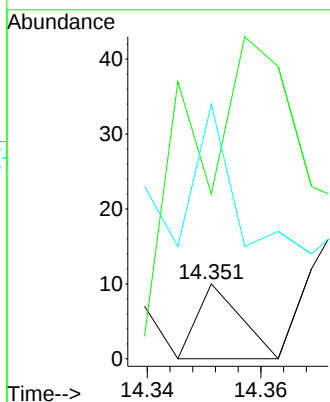
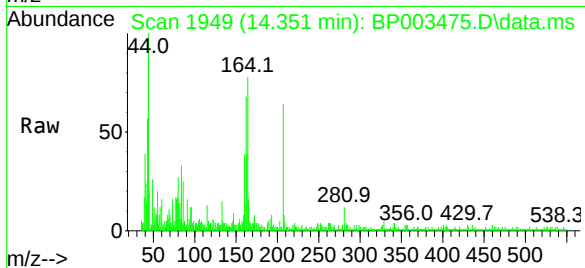




#54
2,4-Dinitrophenol
Concen: 7.25 ng
RT: 14.351 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP003475.D
Acq: 03 Oct 2020 02:52

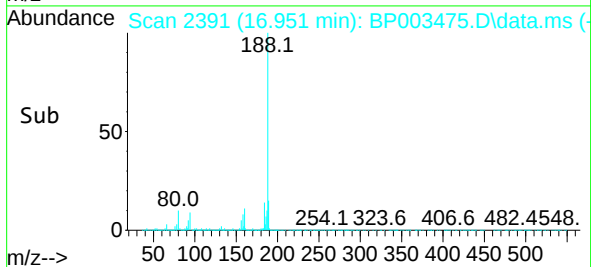
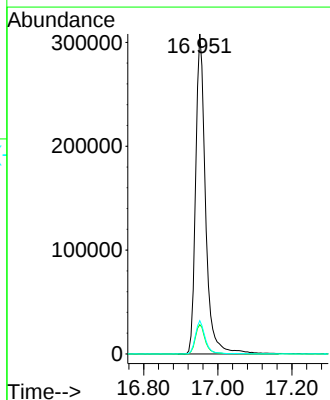
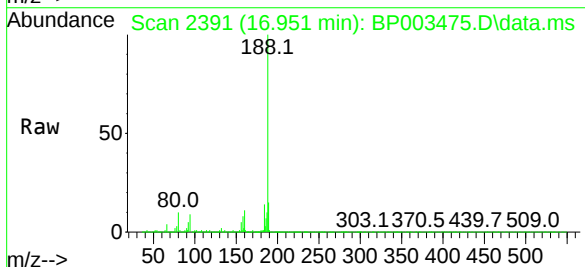
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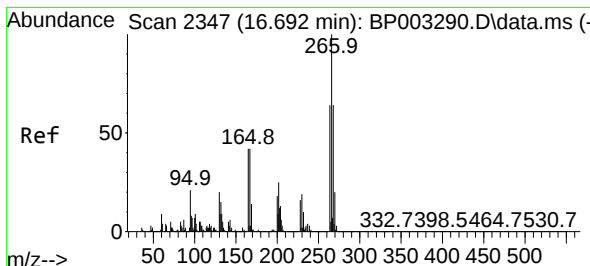
Tgt Ion:184 Resp: 5
Ion Ratio Lower Upper
184 100
63 137.5 32.3 48.5#
154 212.5 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.951 min Scan# 2391
Delta R.T. 0.012 min
Lab File: BP003475.D
Acq: 03 Oct 2020 02:52

Tgt Ion:188 Resp: 571429
Ion Ratio Lower Upper
188 100
94 9.2 6.2 9.2
80 10.4 6.2 9.2#

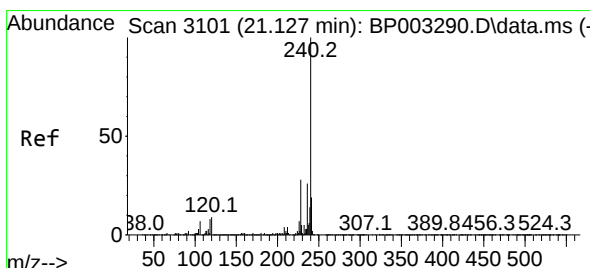
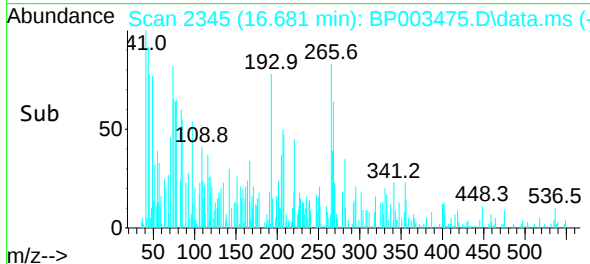
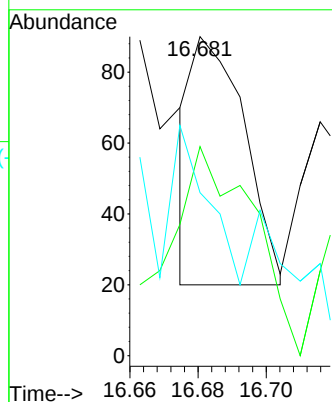
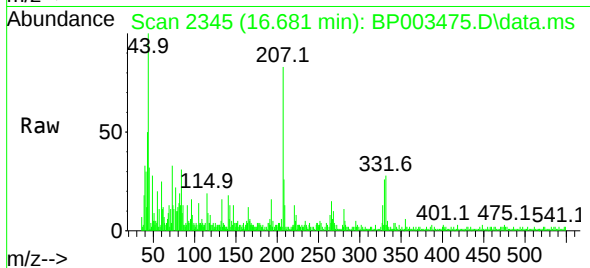




#70
Pentachlorophenol
Concen: 6.79 ng
RT: 16.681 min Scan# 2345
Delta R.T. 0.059 min
Lab File: BP003475.D
Acq: 03 Oct 2020 02:52

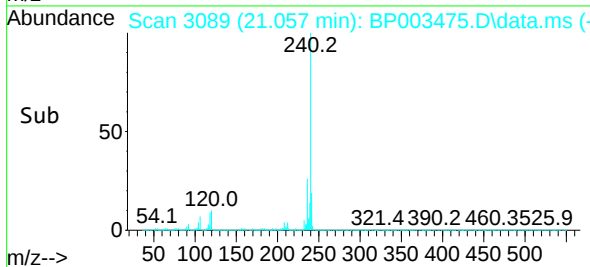
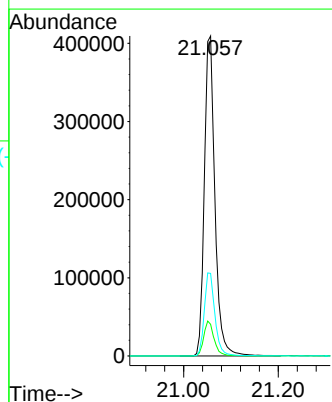
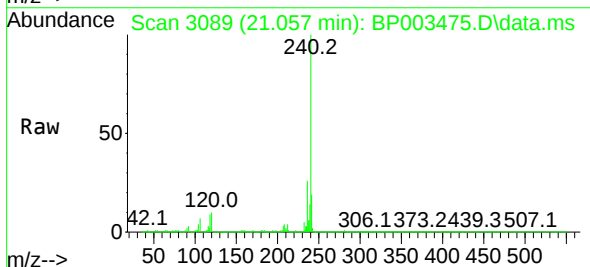
Instrument :
BNA_P
ClientSampleId :
CG-SOIL

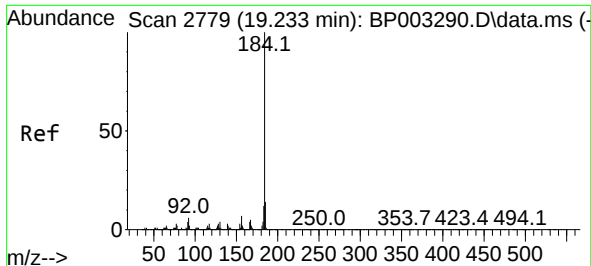
Tgt Ion:266 Resp: 75
Ion Ratio Lower Upper
266 100
268 65.6 51.1 76.7
264 51.1 50.6 76.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.057 min Scan# 3089
Delta R.T. 0.006 min
Lab File: BP003475.D
Acq: 03 Oct 2020 02:52

Tgt Ion:240 Resp: 635751
Ion Ratio Lower Upper
240 100
120 9.9 7.8 11.6
236 25.8 20.8 31.2

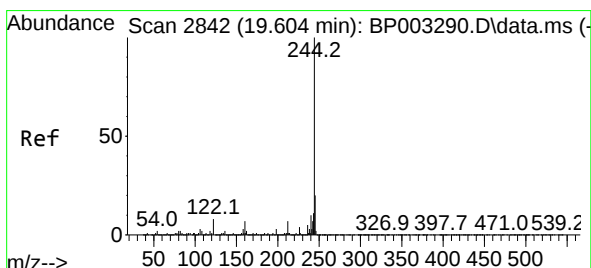
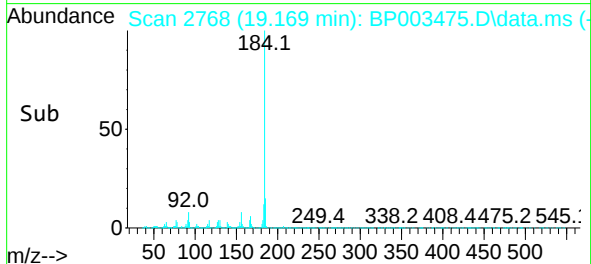
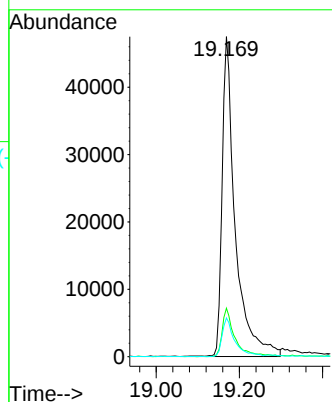
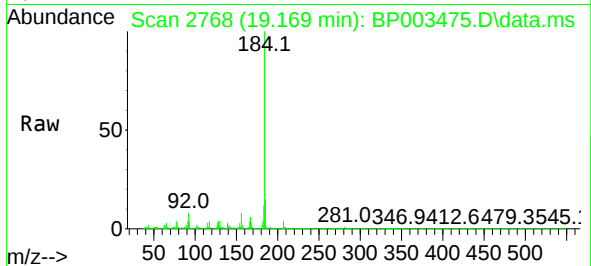




#77
Benzidine
Concen: 5.28 ng
RT: 19.169 min Scan# 2768
Delta R.T. 0.012 min
Lab File: BP003475.D
Acq: 03 Oct 2020 02:52

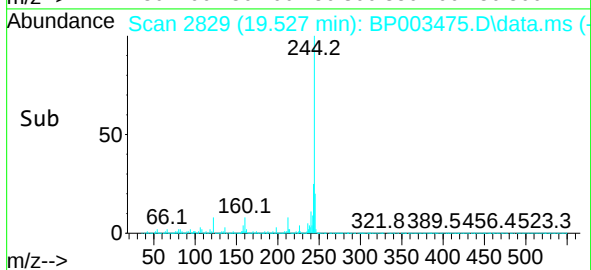
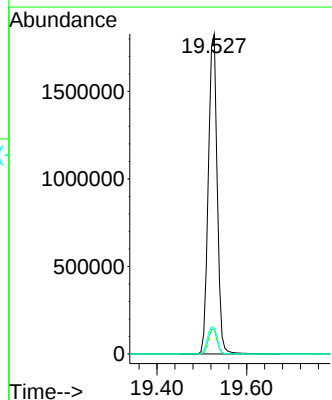
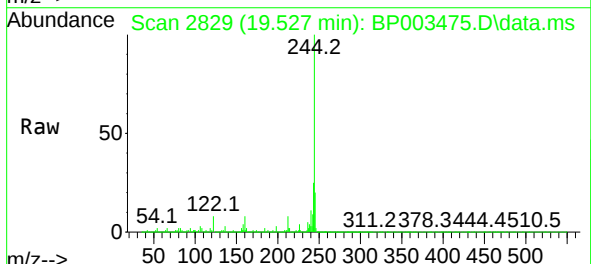
Instrument :
BNA_P
ClientSampleId :
CG-SOIL

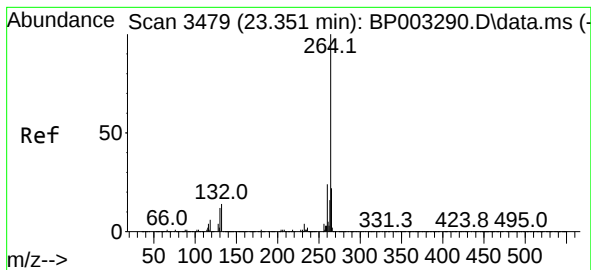
Tgt Ion:184	Resp: 104028
Ion Ratio	Lower Upper
184	100
185	15.1 11.5 17.3
183	12.1 9.6 14.4



#79
Terphenyl-d14
Concen: 82.13 ng
RT: 19.527 min Scan# 2829
Delta R.T. 0.000 min
Lab File: BP003475.D
Acq: 03 Oct 2020 02:52

Tgt Ion:244	Resp: 2505967
Ion Ratio	Lower Upper
244	100
212	7.8 5.8 8.6
122	8.1 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.239 min Scan# 3460
 Delta R.T. 0.006 min
 Lab File: BP003475.D
 Acq: 03 Oct 2020 02:52

Instrument :
 BNA_P
 ClientSampleId :
 CG-SOIL

Tgt Ion:264 Resp: 623110
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.0 17.4 26.2

