

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100620\
 Data File : BP003551.D
 Acq On : 07 Oct 2020 10:41
 Operator : CG/JU
 Sample : L4271-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GV-CONCRETE

Quant Time: Oct 07 13:07:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 14:33:14 2020
 Response via : Initial Calibration

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

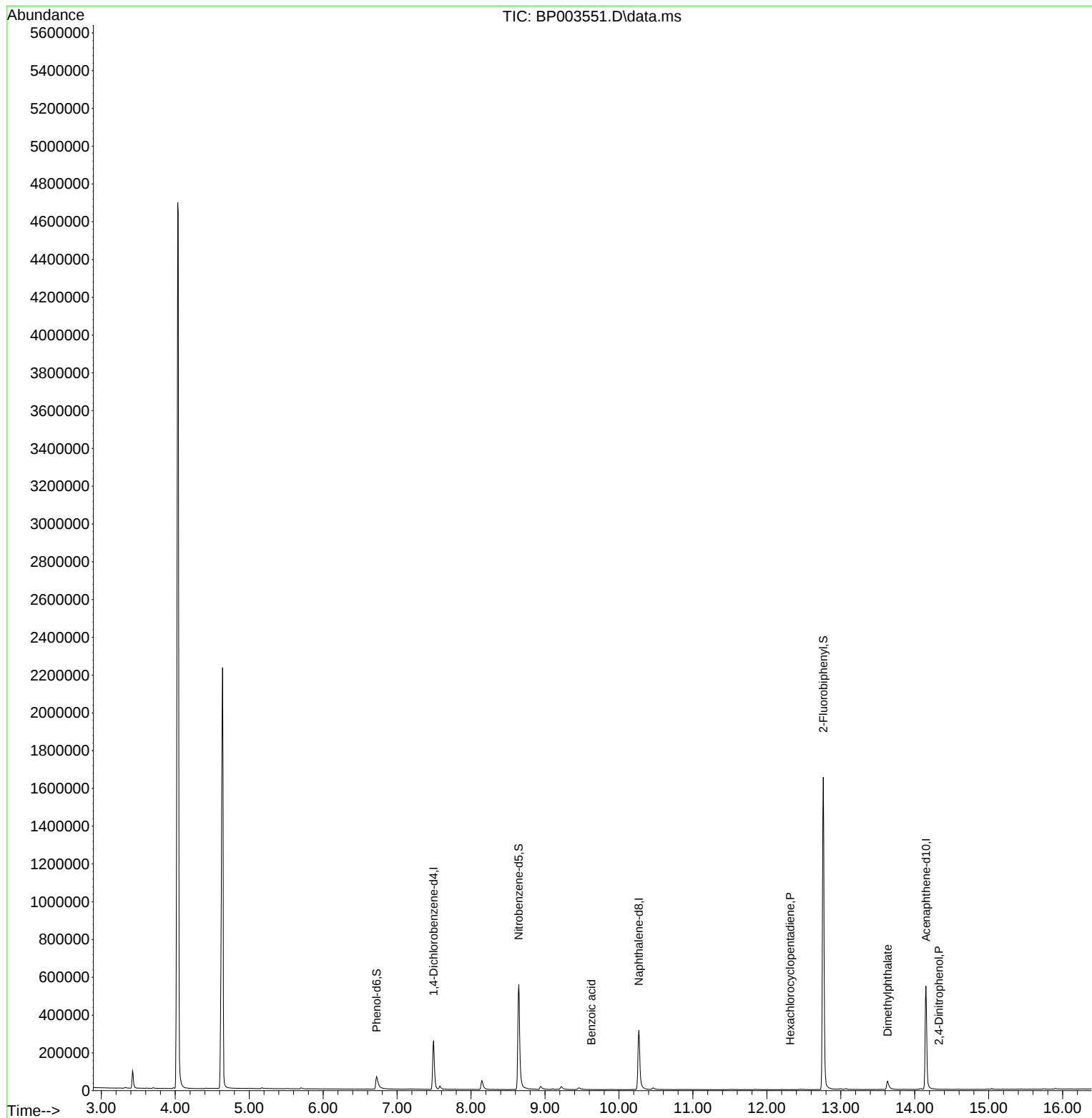
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	74163	20.00	ng	# 0.00
21) Naphthalene-d8	10.269	136	295764	20.00	ng	# 0.00
39) Acenaphthene-d10	14.151	164	187903	20.00	ng	0.00
64) Phenanthrene-d10	16.910	188	440181	20.00	ng	# 0.00
76) Chrysene-d12	21.016	240	540306	20.00	ng	-0.01
86) Perylene-d12	23.186	264	529137	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	3837	0.90	ng	0.06
7) Phenol-d6	6.722	99	67629	11.95	ng	0.02
23) Nitrobenzene-d5	8.646	82	389459	77.36	ng	0.00
42) 2,4,6-Tribromophenol	15.663	330	5	0.00	ng	0.00
45) 2-Fluorobiphenyl	12.763	172	865129	67.34	ng	-0.01
79) Terphenyl-d14	19.492	244	1495177	57.66	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.628	122	35	9.16	ng	87
41) Hexachlorocyclopentadiene	12.316	237	14	6.85	ng	76
50) Dimethylphthalate	13.634	163	48884	3.26	ng	100
54) 2,4-Dinitrophenol	14.328	184	21	7.26	ng	# 68
70) Pentachlorophenol	16.610	266	25	6.78	ng	# 68

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

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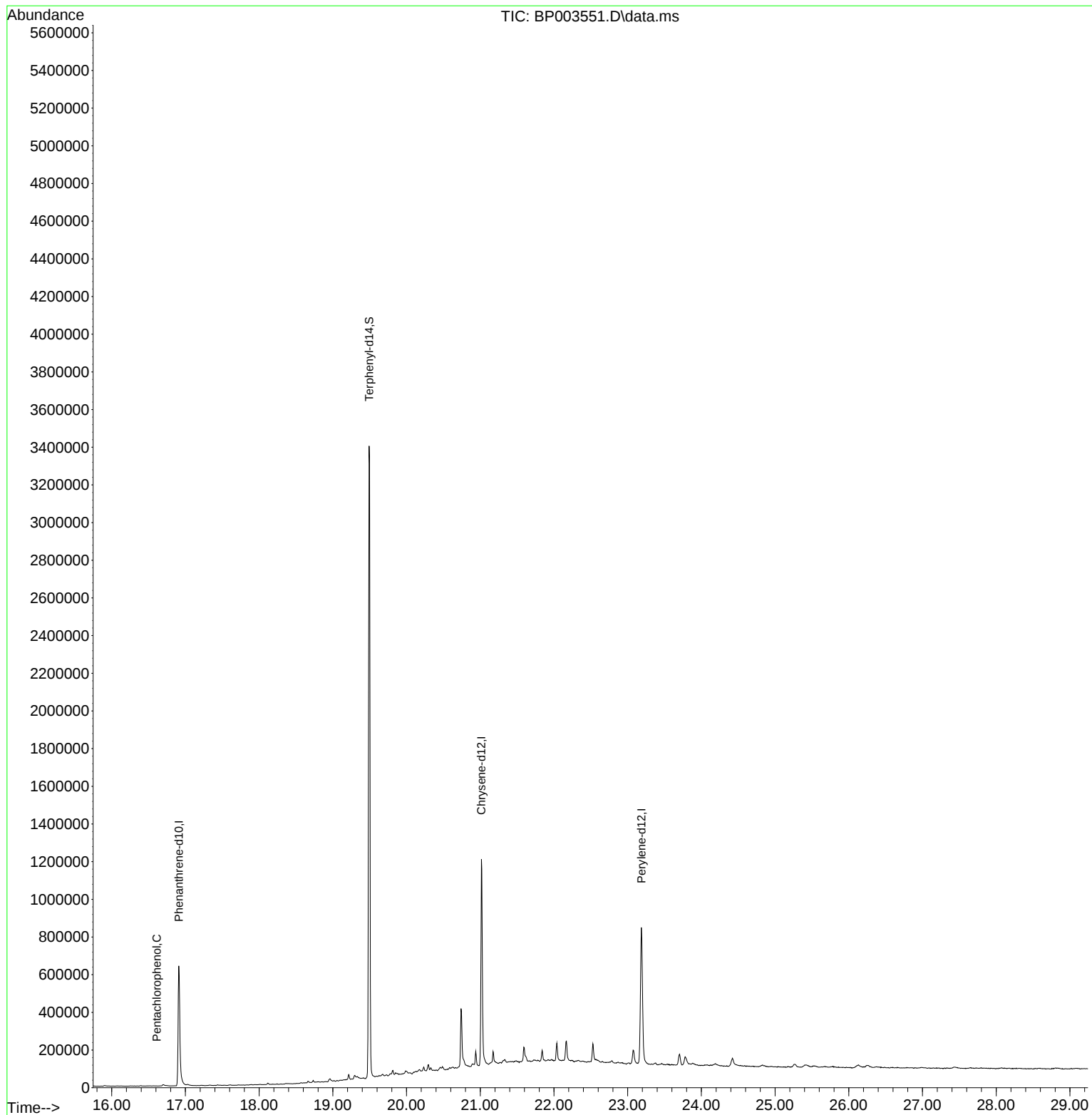
Quant Time: Oct 07 13:07:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 14:33:14 2020
Response via : Initial Calibration

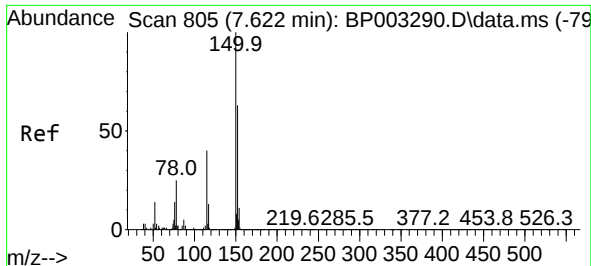


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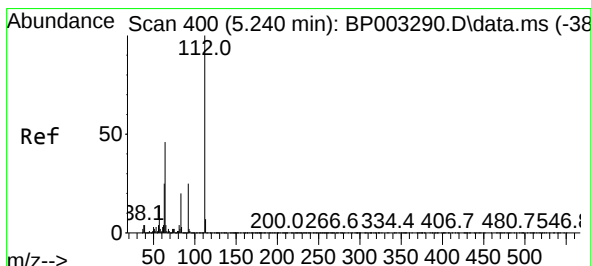
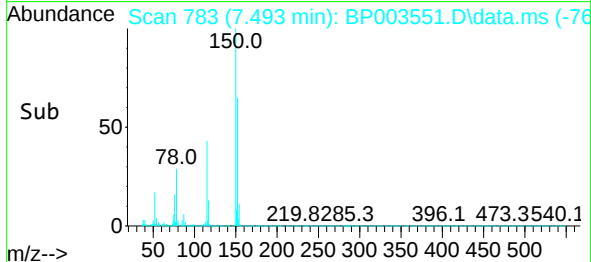
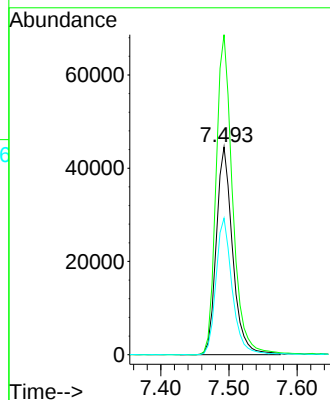
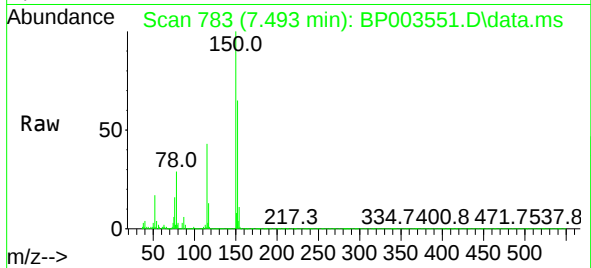




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.493 min Scan# 783
Delta R.T. -0.005 min
Lab File: BP003551.D
Acq: 07 Oct 2020 10:41

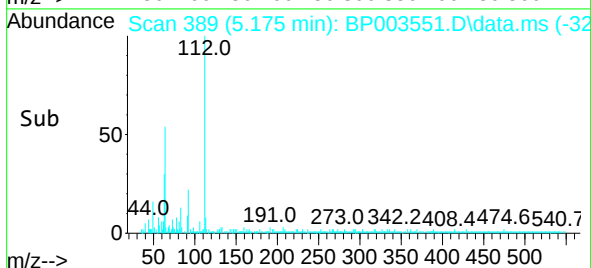
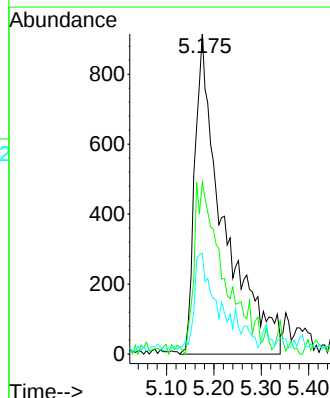
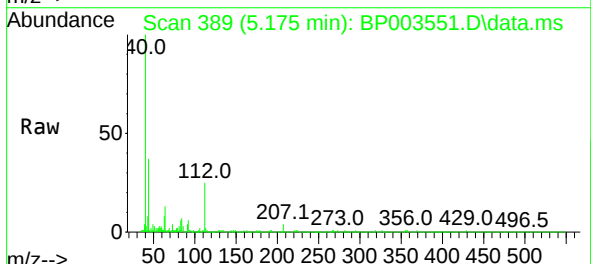
Instrument :
BNA_P
ClientSampleId :
GV-CONCRETE

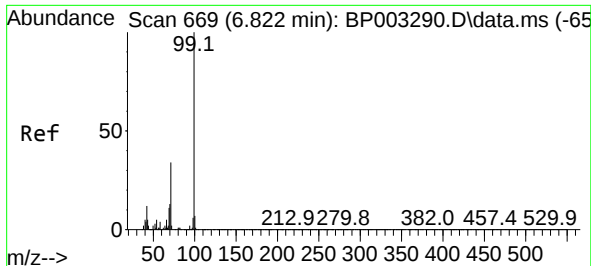
Tgt Ion:152 Resp: 74163
Ion Ratio Lower Upper
152 100
150 154.1 123.8 185.6
115 65.7 43.8 65.6#



#5
2-Fluorophenol
Concen: 0.90 ng
RT: 5.175 min Scan# 389
Delta R.T. 0.065 min
Lab File: BP003551.D
Acq: 07 Oct 2020 10:41

Tgt Ion:112 Resp: 3837
Ion Ratio Lower Upper
112 100
64 53.8 32.8 49.2#
63 31.5 17.0 25.4#

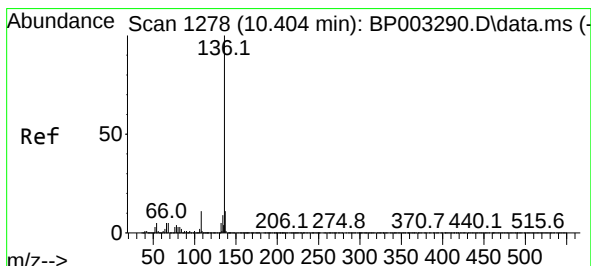
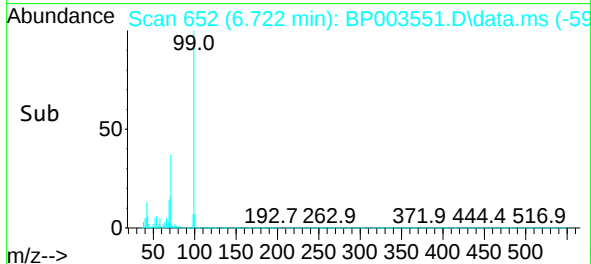
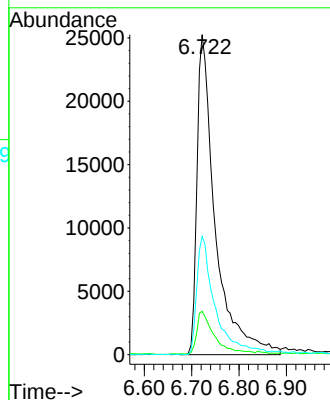
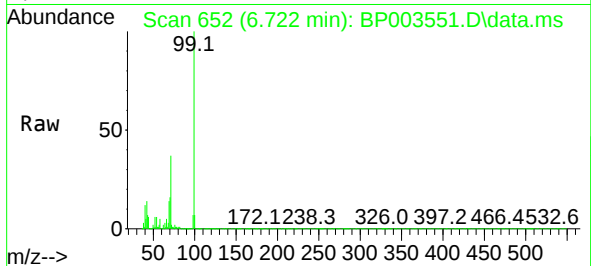




#7
Phenol-d6
Concen: 11.95 ng
RT: 6.722 min Scan# 652
Delta R.T. 0.018 min
Lab File: BP003551.D
Acq: 07 Oct 2020 10:41

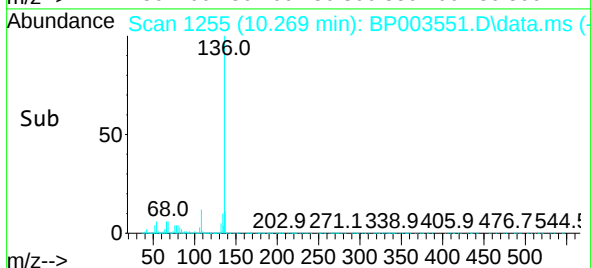
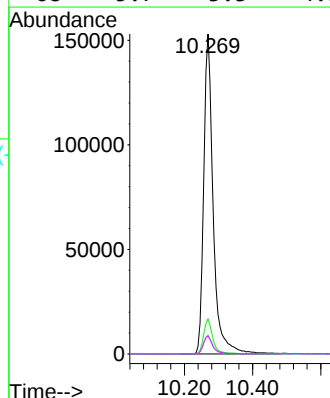
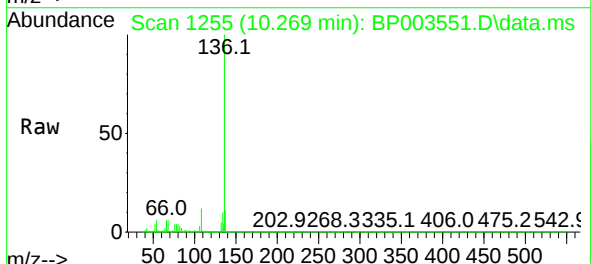
Instrument :
BNA_P
ClientSampleId :
GV-CONCRETE

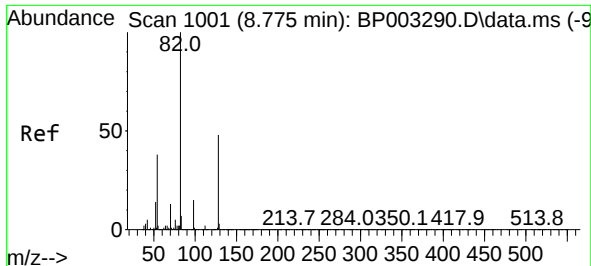
Tgt Ion: 99 Resp: 67629
Ion Ratio Lower Upper
99 100
42 13.5 8.6 13.0#
71 36.9 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.269 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BP003551.D
Acq: 07 Oct 2020 10:41

Tgt Ion: 136 Resp: 295764
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.9 3.6 5.4#
68 5.7 3.3 4.9#

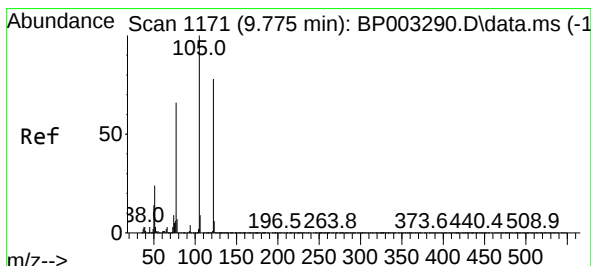
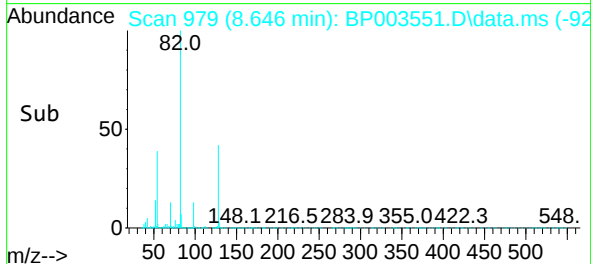
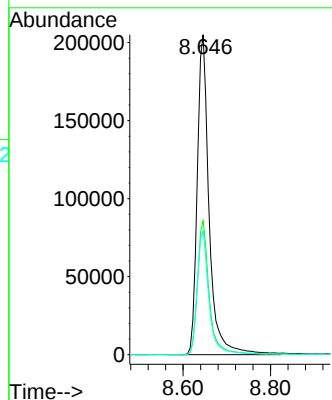
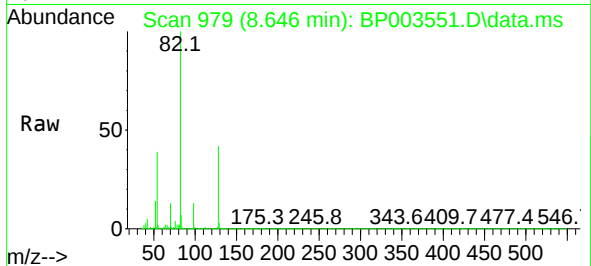




#23
Nitrobenzene-d5
Concen: 77.36 ng
RT: 8.646 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP003551.D
Acq: 07 Oct 2020 10:41

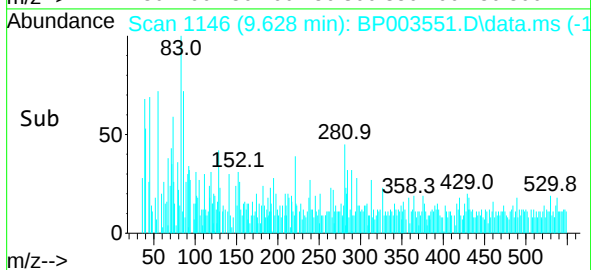
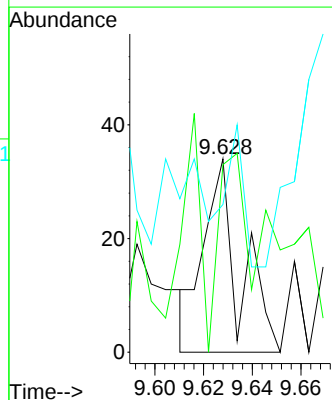
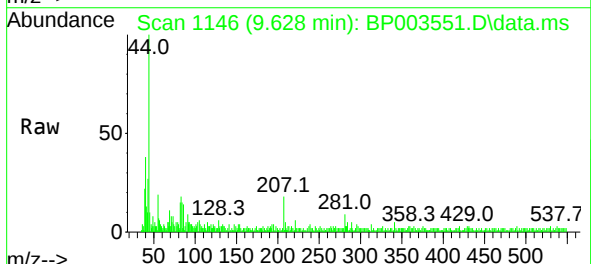
Instrument :
BNA_P
ClientSampleId :
GV-CONCRETE

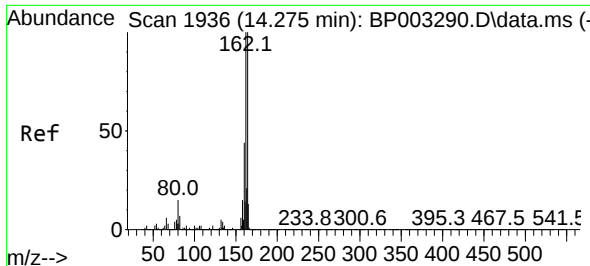
Tgt Ion: 82 Resp: 389459
Ion Ratio Lower Upper
82 100
128 41.8 45.6 68.4#
54 38.7 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.628 min Scan# 1146
Delta R.T. -0.065 min
Lab File: BP003551.D
Acq: 07 Oct 2020 10:41

Tgt Ion: 122 Resp: 35
Ion Ratio Lower Upper
122 100
105 97.1 94.1 134.1
77 76.5 50.1 90.1

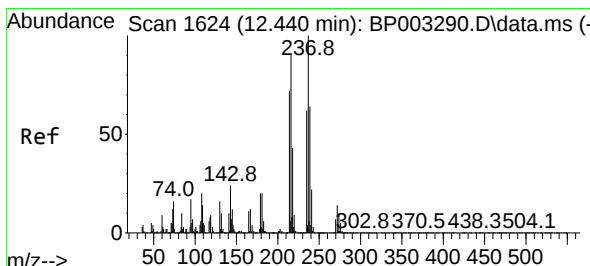
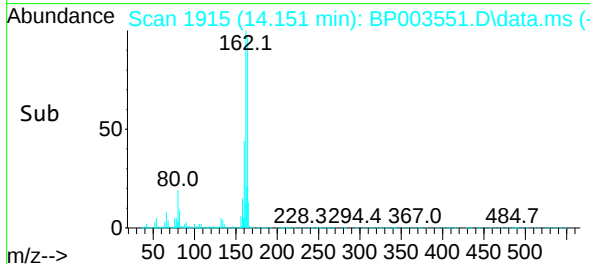
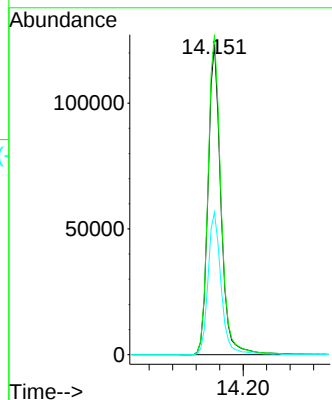
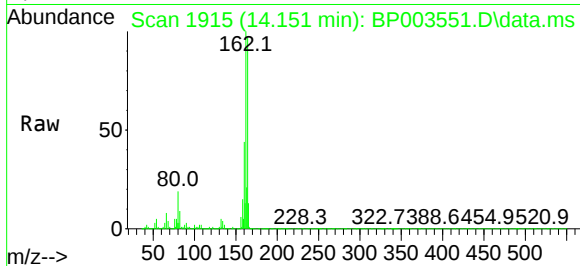




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.151 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP003551.D
Acq: 07 Oct 2020 10:41

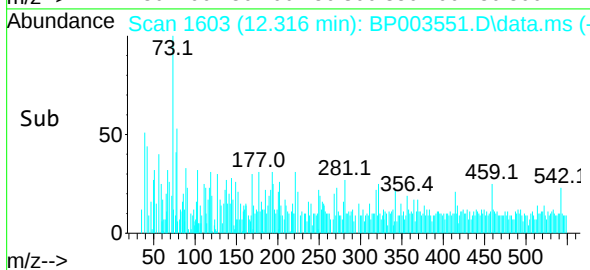
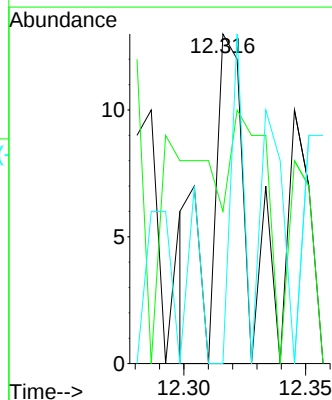
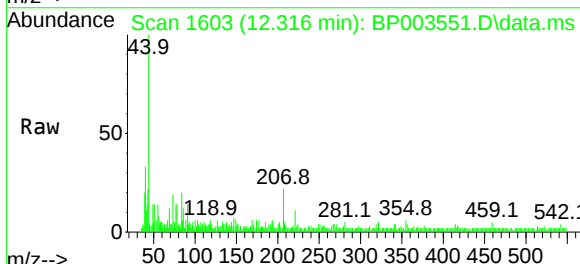
Instrument :
BNA_P
ClientSampleId :
GV-CONCRETE

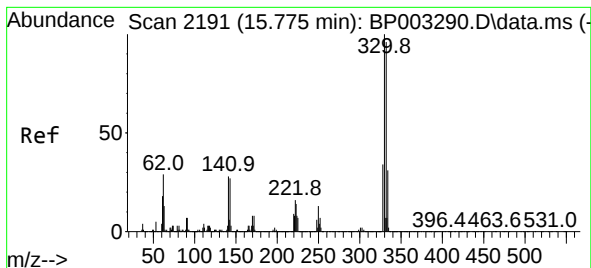
Tgt Ion:164 Resp: 187903
Ion Ratio Lower Upper
164 100
162 103.1 79.4 119.2
160 45.8 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.316 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BP003551.D
Acq: 07 Oct 2020 10:41

Tgt Ion:237 Resp: 14
Ion Ratio Lower Upper
237 100
235 46.2 43.2 83.2
272 0.0 0.0 33.3

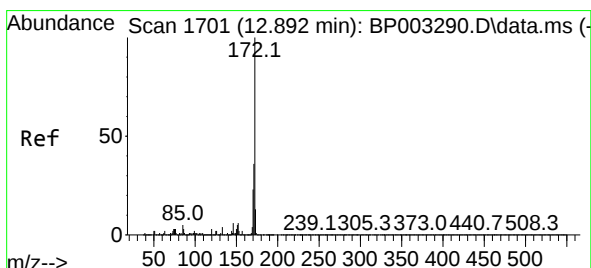
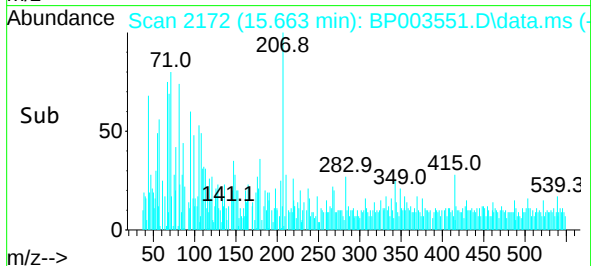
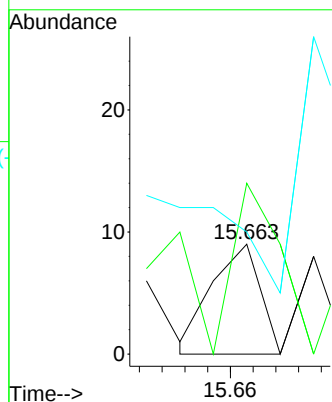
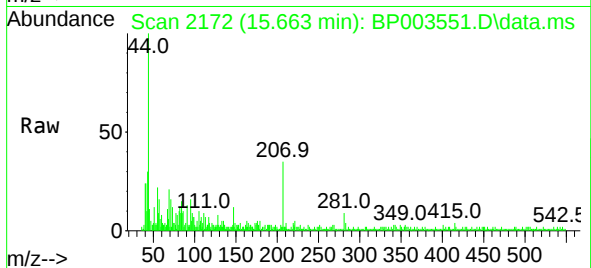




#42
2,4,6-Tribromophenol
Concen: 0.00 ng
RT: 15.663 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP003551.D
Acq: 07 Oct 2020 10:41

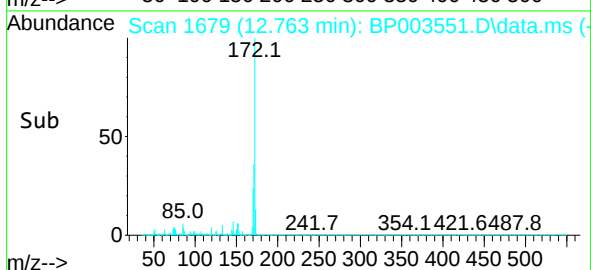
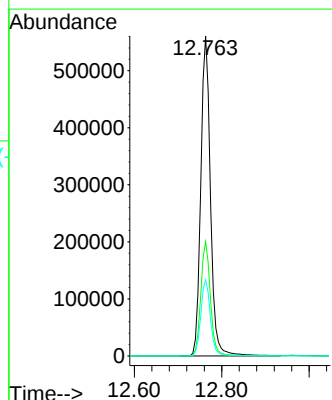
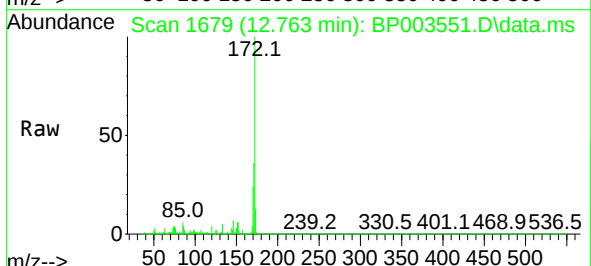
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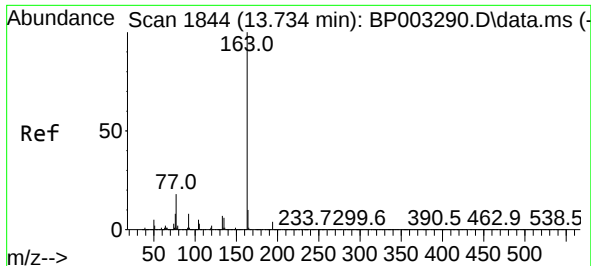
Tgt Ion:330 Resp: 5
Ion Ratio Lower Upper
330 100
332 160.0 77.1 115.7#
141 0.0 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 67.34 ng
RT: 12.763 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BP003551.D
Acq: 07 Oct 2020 10:41

Tgt Ion:172 Resp: 865129
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.8 19.2 28.8

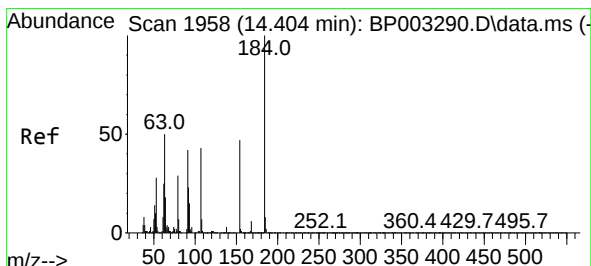
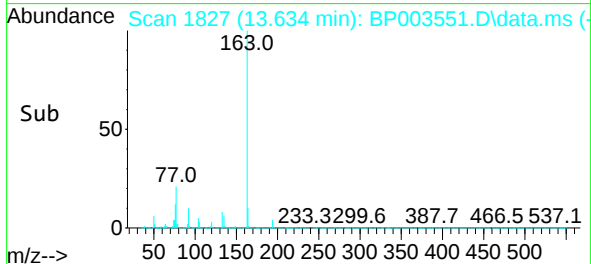
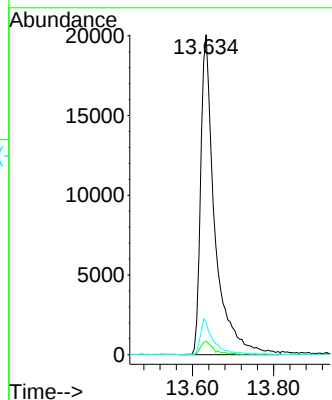
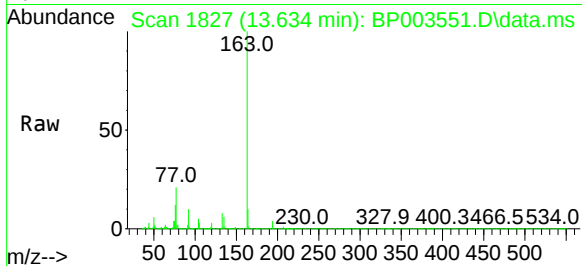




#50
Dimethylphthalate
Concen: 3.26 ng
RT: 13.634 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BP003551.D
Acq: 07 Oct 2020 10:41

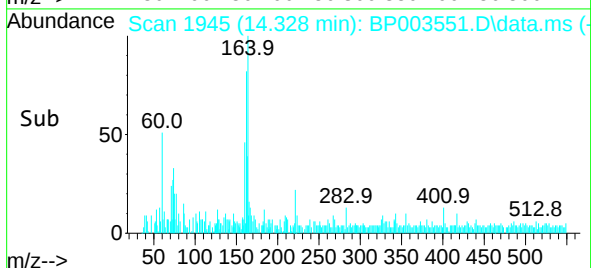
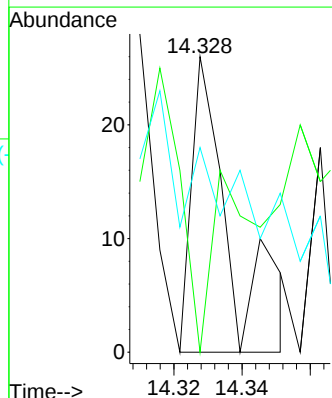
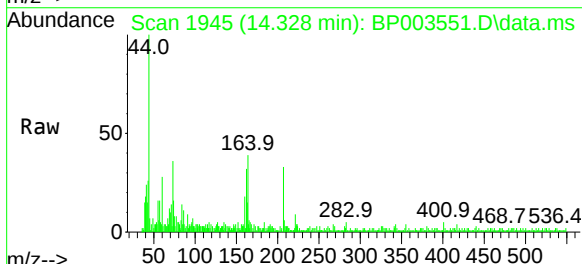
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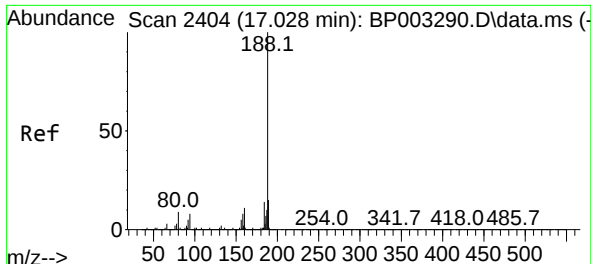
Tgt Ion:163 Resp: 48884
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.328 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP003551.D
Acq: 07 Oct 2020 10:41

Tgt Ion:184 Resp: 21
Ion Ratio Lower Upper
184 100
63 0.0 32.3 48.5#
154 69.2 49.1 73.7

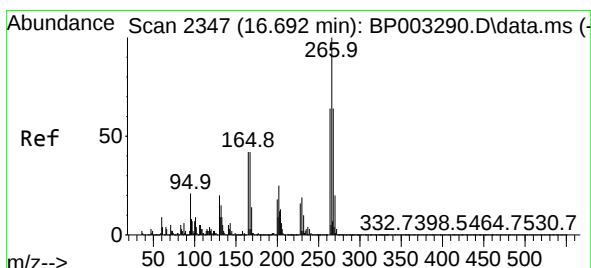
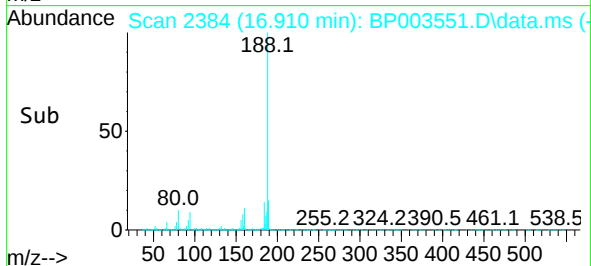
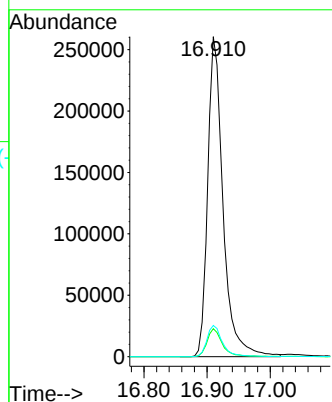
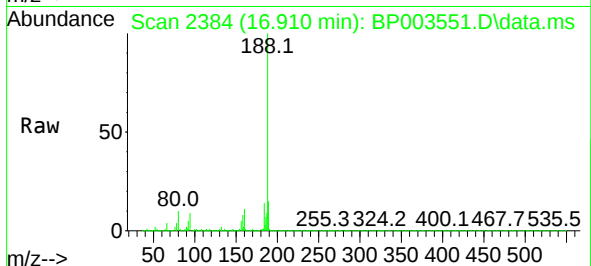




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.910 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP003551.D
Acq: 07 Oct 2020 10:41

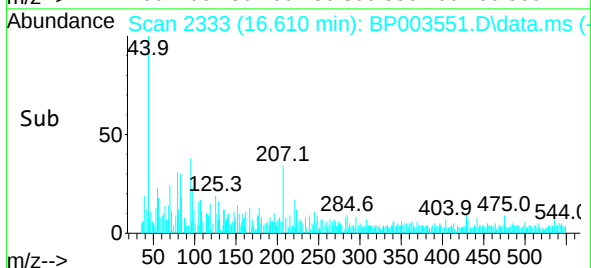
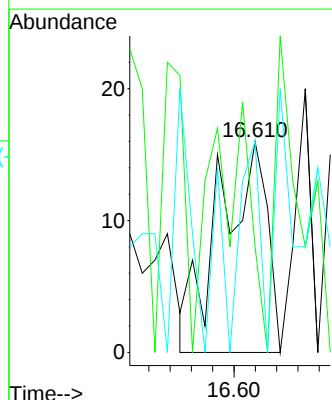
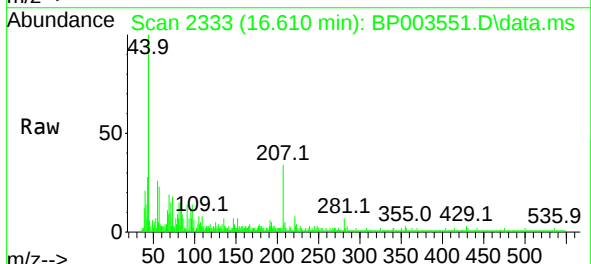
Instrument :
BNA_P
ClientSampleId :
GV-CONCRETE

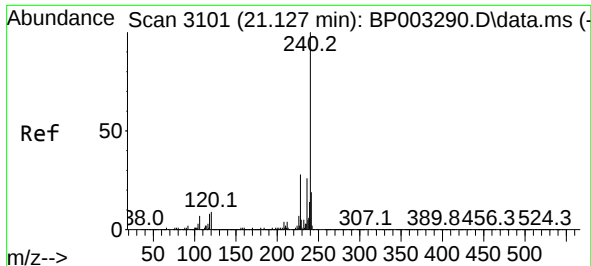
Tgt Ion:188 Resp: 440181
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 9.8 6.2 9.2#



#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.610 min Scan# 2333
Delta R.T. 0.018 min
Lab File: BP003551.D
Acq: 07 Oct 2020 10:41

Tgt Ion:266 Resp: 25
Ion Ratio Lower Upper
266 100
268 50.0 51.1 76.7#
264 100.0 50.6 76.0#

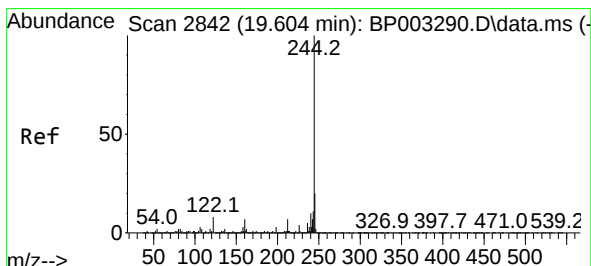
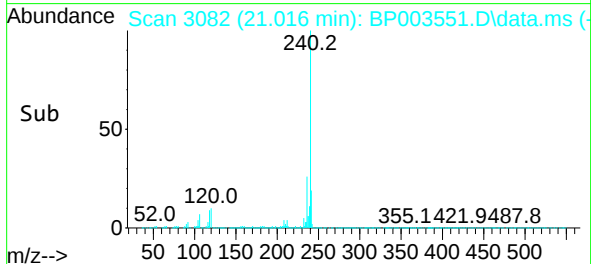
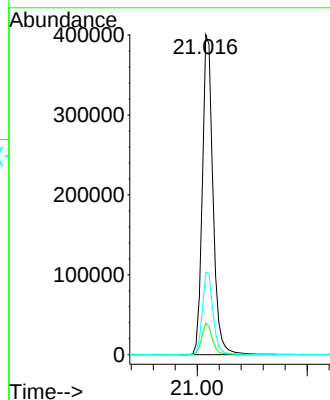
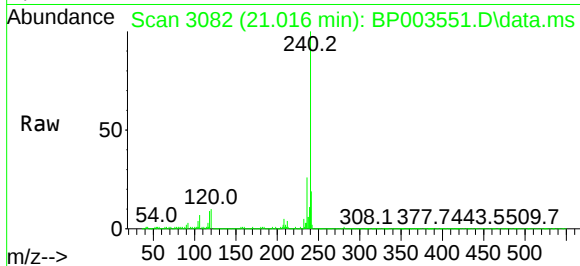




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.016 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP003551.D
Acq: 07 Oct 2020 10:41

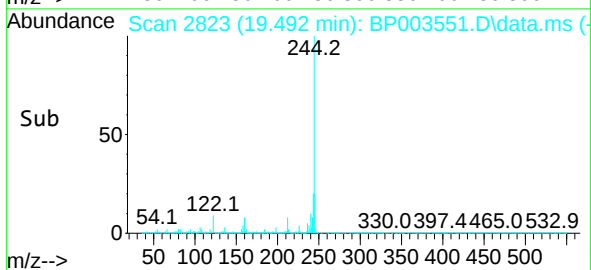
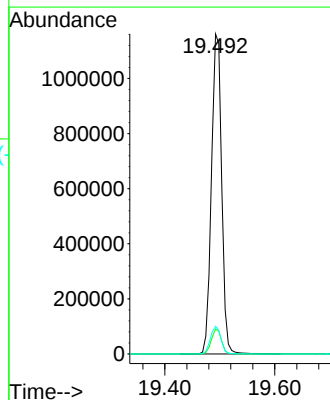
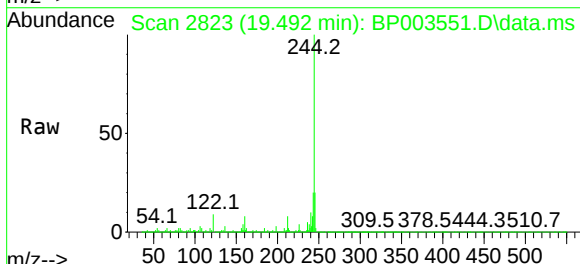
Instrument :
BNA_P
ClientSampleId :
GV-CONCRETE

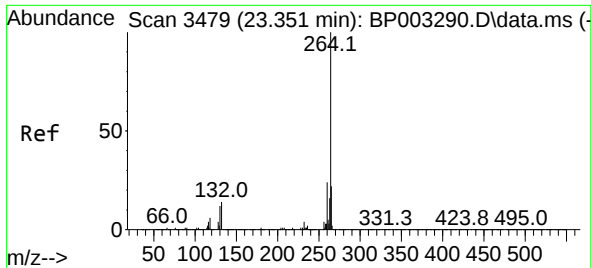
Tgt Ion:240 Resp: 540306
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.6
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 57.66 ng
RT: 19.492 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BP003551.D
Acq: 07 Oct 2020 10:41

Tgt Ion:244 Resp: 1495177
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 8.7 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.186 min Scan# 3451
 Delta R.T. -0.012 min
 Lab File: BP003551.D
 Acq: 07 Oct 2020 10:41

Instrument :
 BNA_P
 ClientSampleId :
 GV-CONCRETE

Tgt Ion:264 Resp: 529137

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.7	17.4	26.2

