

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100620\
 Data File : BP003550.D
 Acq On : 07 Oct 2020 10:07
 Operator : CG/JU
 Sample : L4190-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B14-092920-10-16

Quant Time: Oct 07 10:52:36 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)

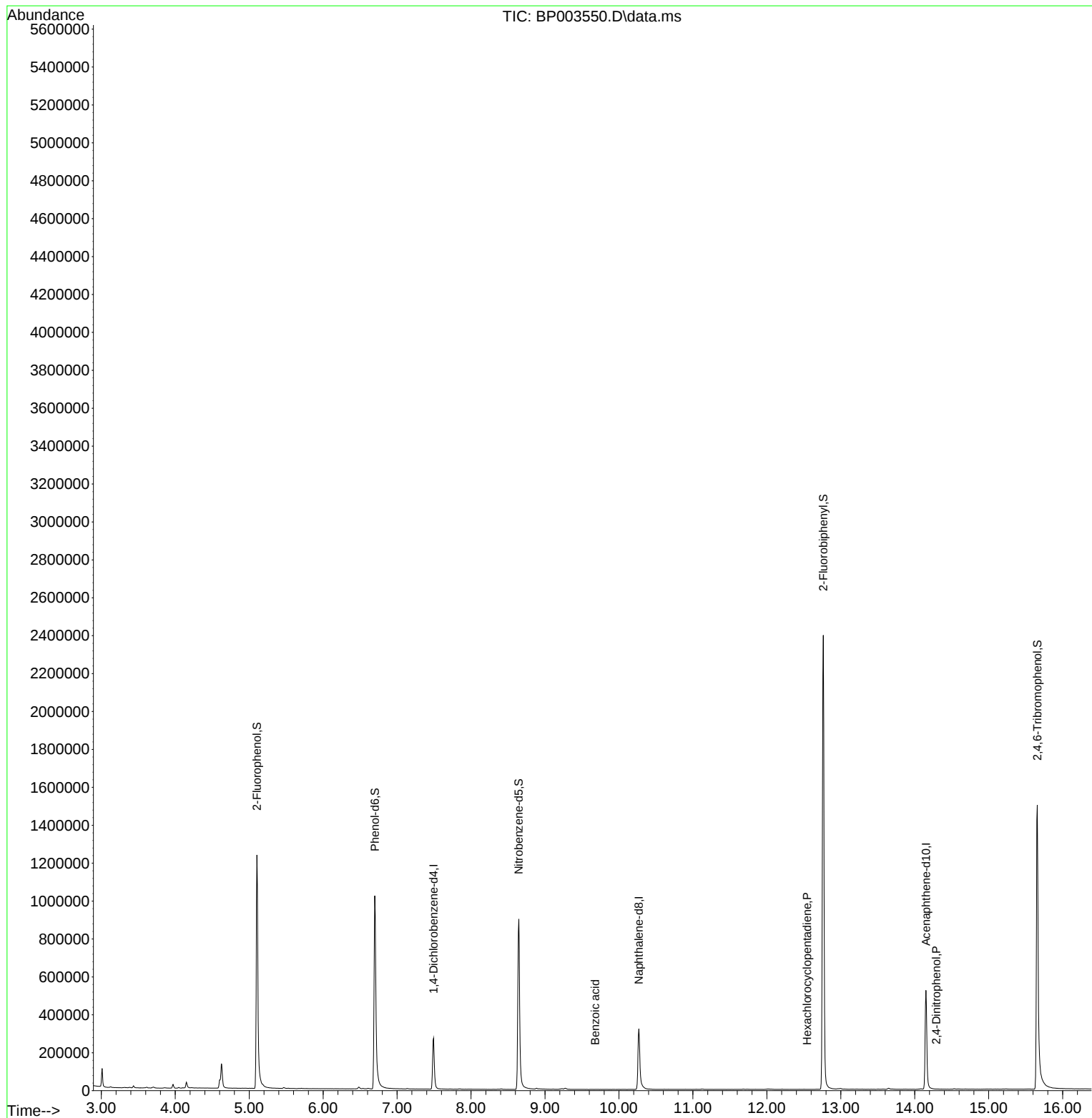
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	76185	20.00	ng	0.00
21) Naphthalene-d8	10.269	136	307245	20.00	ng	# 0.00
39) Acenaphthene-d10	14.151	164	187668	20.00	ng	0.00
64) Phenanthrene-d10	16.910	188	420185	20.00	ng	# 0.00
76) Chrysene-d12	21.016	240	487131	20.00	ng	-0.01
86) Perylene-d12	23.186	264	460149	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.105	112	607209	139.17	ng	0.00
7) Phenol-d6	6.699	99	721512	124.06	ng	0.00
23) Nitrobenzene-d5	8.646	82	608883	116.42	ng	0.00
42) 2,4,6-Tribromophenol	15.657	330	365456	127.68	ng	0.00
45) 2-Fluorobiphenyl	12.763	172	1269630	98.94	ng	-0.01
79) Terphenyl-d14	19.498	244	2053219	87.82	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.681	122	25	9.16	ng	# 26
41) Hexachlorocyclopentadiene	12.545	237	23	6.85	ng	88
54) 2,4-Dinitrophenol	14.292	184	18	7.26	ng	92
70) Pentachlorophenol	16.498	266	31	6.78	ng	95

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

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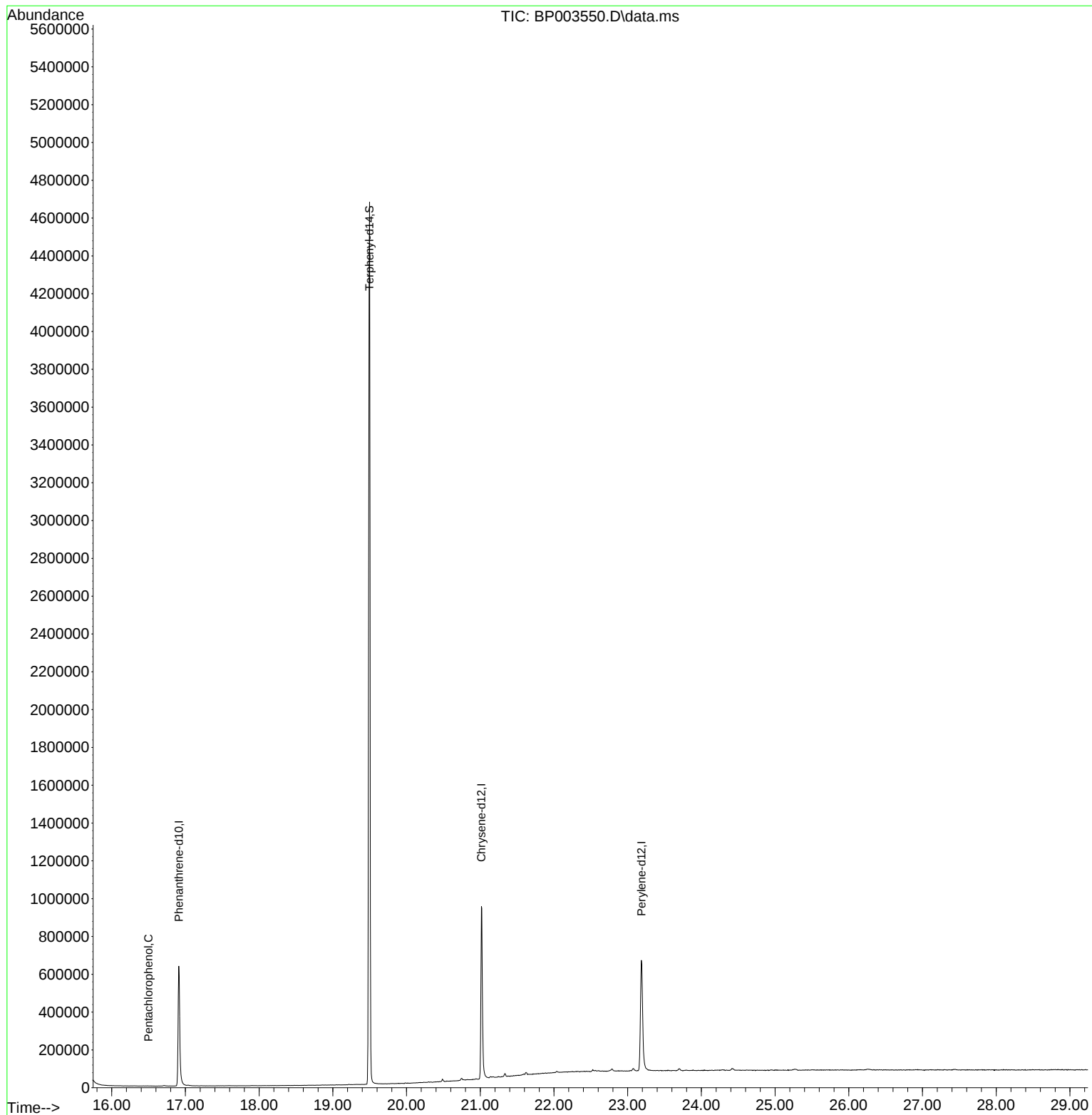
Quant Time: Oct 07 10:52:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 14:33:14 2020
Response via : Initial Calibration

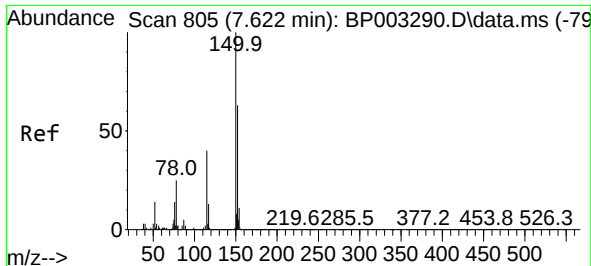


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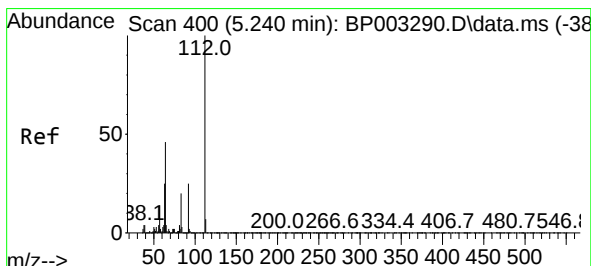
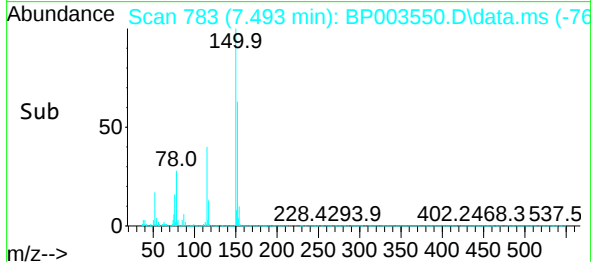
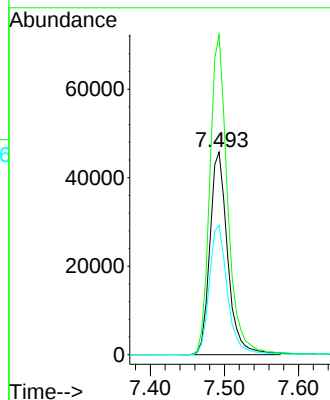
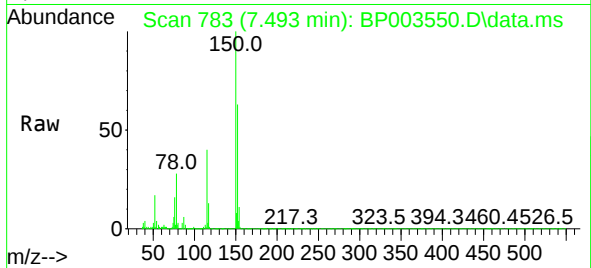




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.493 min Scan# 783
Delta R.T. -0.005 min
Lab File: BP003550.D
Acq: 07 Oct 2020 10:07

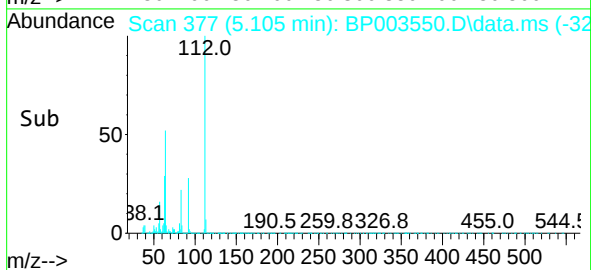
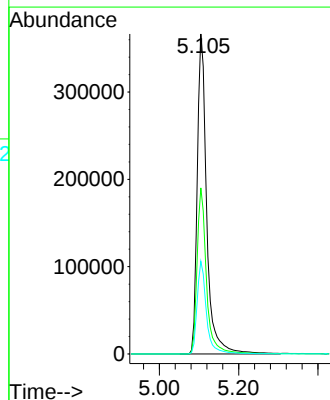
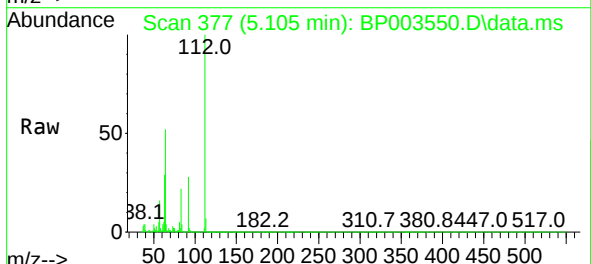
Instrument :
BNA_P
ClientSampleId :
PAV-B14-092920-10-16

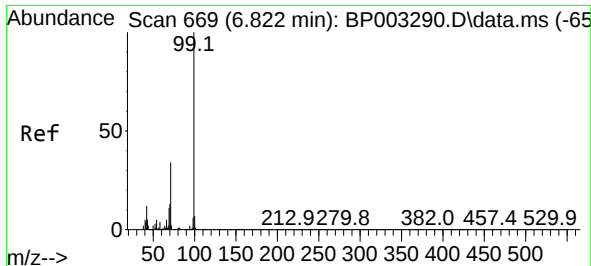
Tgt Ion:152 Resp: 76185
Ion Ratio Lower Upper
152 100
150 158.0 123.8 185.6
115 63.8 43.8 65.6



#5
2-Fluorophenol
Concen: 139.17 ng
RT: 5.105 min Scan# 377
Delta R.T. -0.006 min
Lab File: BP003550.D
Acq: 07 Oct 2020 10:07

Tgt Ion:112 Resp: 607209
Ion Ratio Lower Upper
112 100
64 51.9 32.8 49.2#
63 28.9 17.0 25.4#

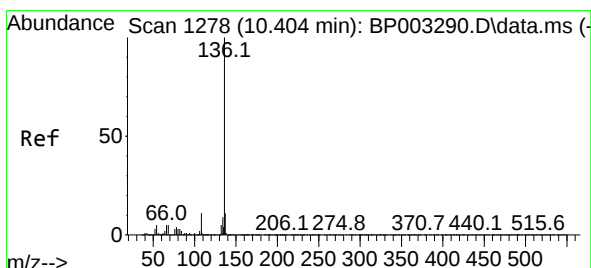
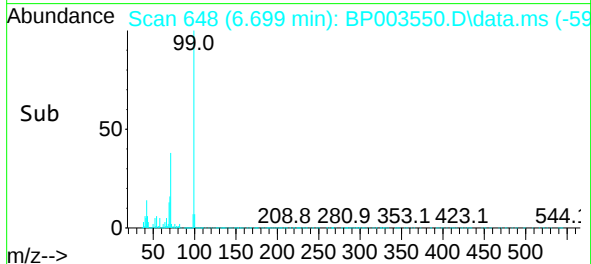
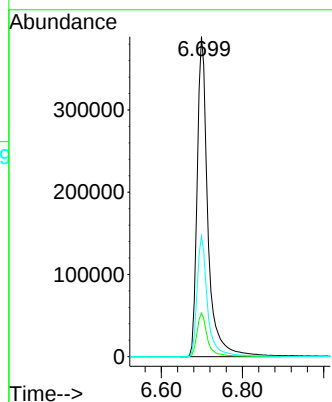
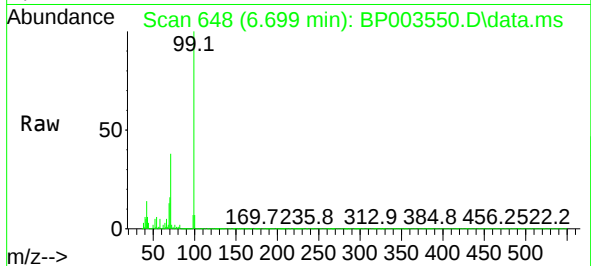




#7
Phenol-d6
Concen: 124.06 ng
RT: 6.699 min Scan# 648
Delta R.T. -0.006 min
Lab File: BP003550.D
Acq: 07 Oct 2020 10:07

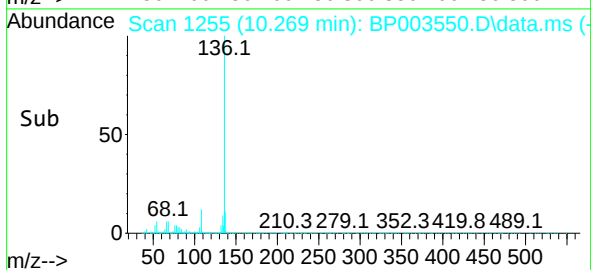
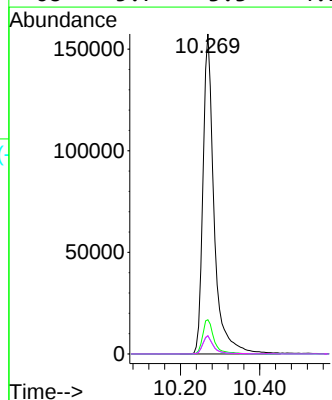
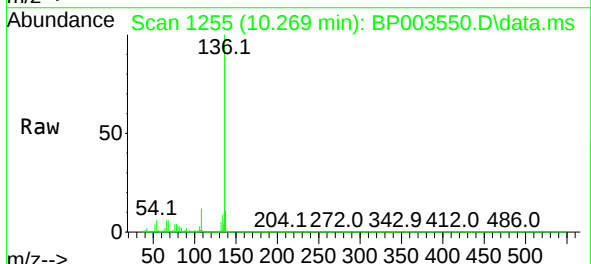
Instrument :
BNA_P
ClientSampleId :
PAV-B14-092920-10-16

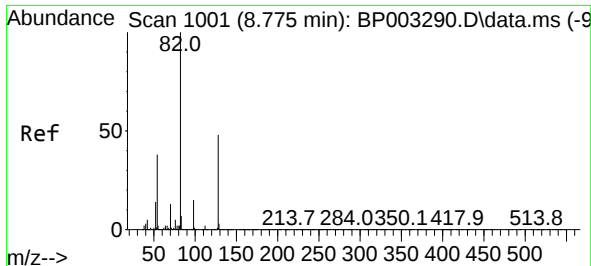
Tgt Ion: 99 Resp: 721512
Ion Ratio Lower Upper
99 100
42 13.6 8.6 13.0#
71 37.6 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.269 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BP003550.D
Acq: 07 Oct 2020 10:07

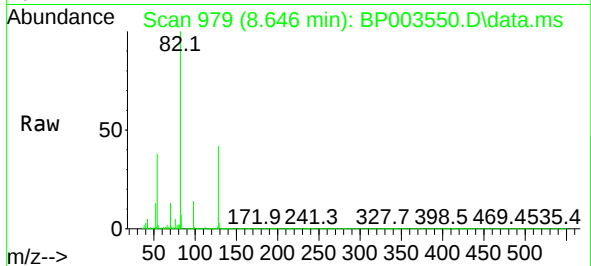
Tgt Ion: 136 Resp: 307245
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.6 3.6 5.4#
68 5.7 3.3 4.9#



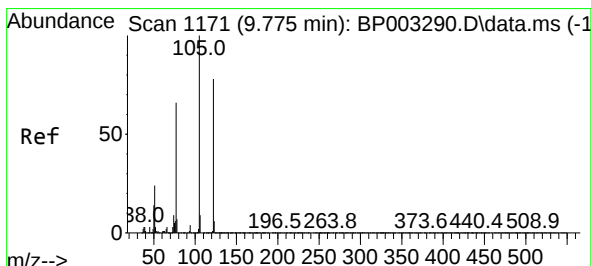
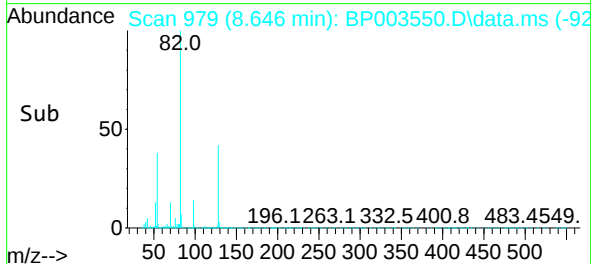
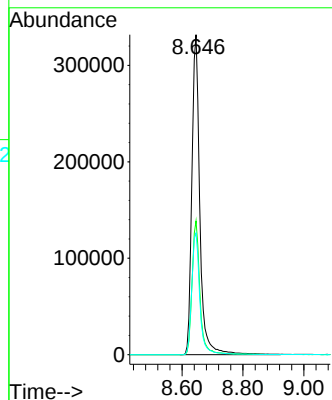


#23
Nitrobenzene-d5
Concen: 116.42 ng
RT: 8.646 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP003550.D
Acq: 07 Oct 2020 10:07

Instrument :
BNA_P
ClientSampleId :
PAV-B14-092920-10-16

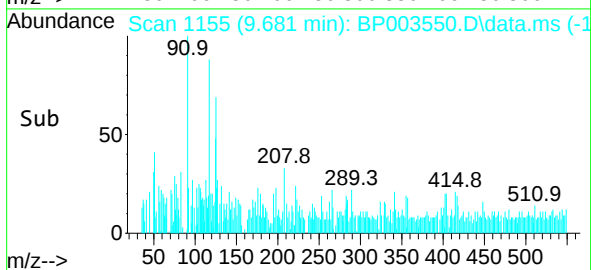
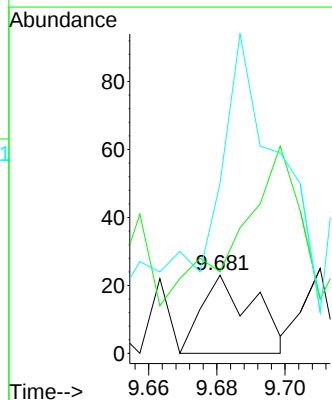
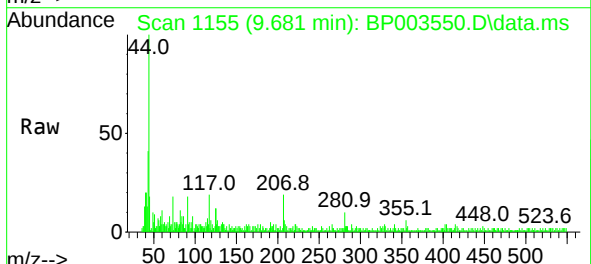


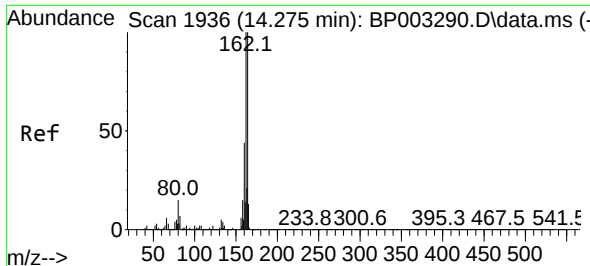
Tgt Ion: 82 Resp: 608883
Ion Ratio Lower Upper
82 100
128 41.8 45.6 68.4#
54 38.1 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.681 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BP003550.D
Acq: 07 Oct 2020 10:07

Tgt Ion: 122 Resp: 25
Ion Ratio Lower Upper
122 100
105 104.3 94.1 134.1
77 217.4 50.1 90.1#

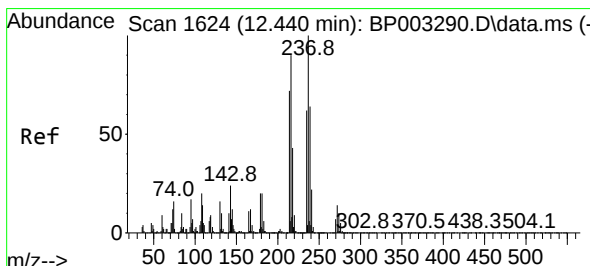
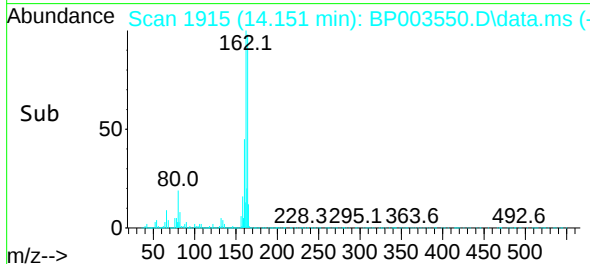
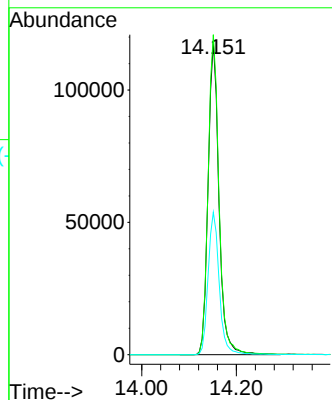
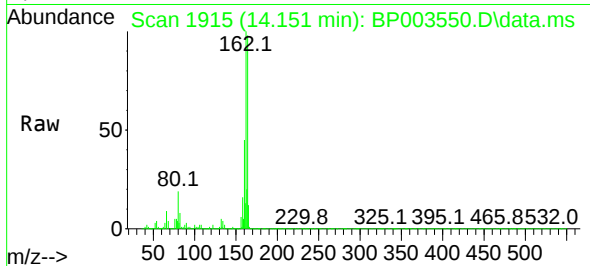




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.151 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP003550.D
Acq: 07 Oct 2020 10:07

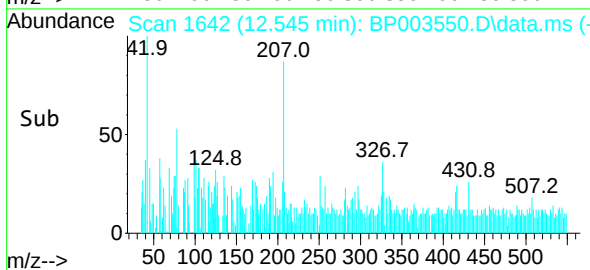
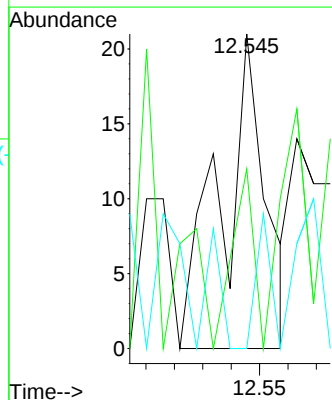
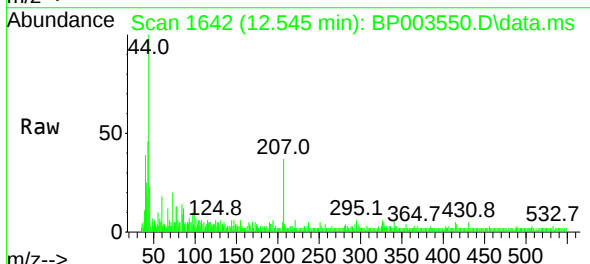
Instrument :
BNA_P
ClientSampleId :
PAV-B14-092920-10-16

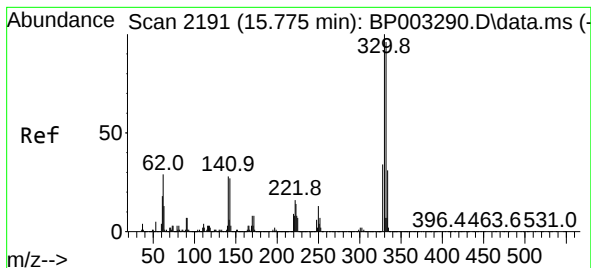
Tgt Ion:164 Resp: 187668
Ion Ratio Lower Upper
164 100
162 102.4 79.4 119.2
160 45.6 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.545 min Scan# 1642
Delta R.T. 0.230 min
Lab File: BP003550.D
Acq: 07 Oct 2020 10:07

Tgt Ion:237 Resp: 23
Ion Ratio Lower Upper
237 100
235 57.1 43.2 83.2
272 0.0 0.0 33.3

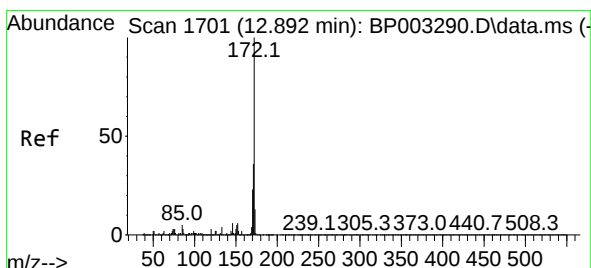
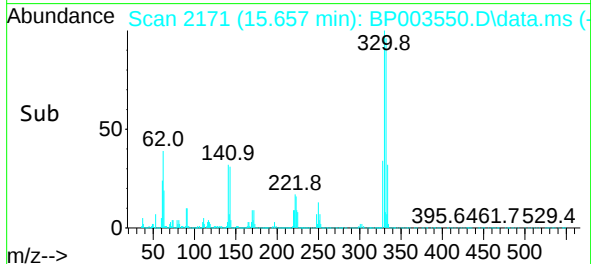
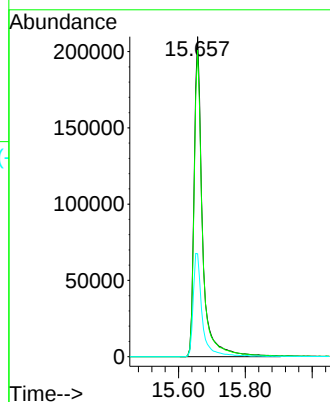
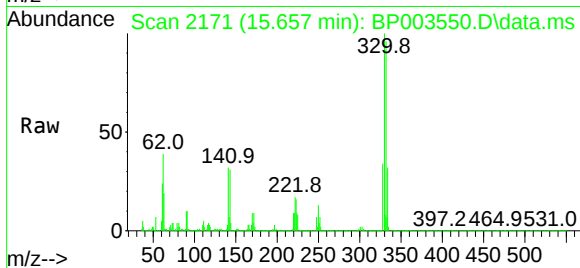




#42
2,4,6-Tribromophenol
Concen: 127.68 ng
RT: 15.657 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP003550.D
Acq: 07 Oct 2020 10:07

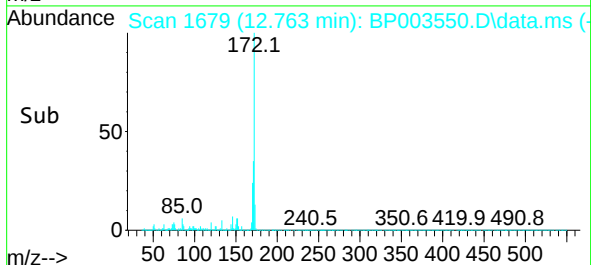
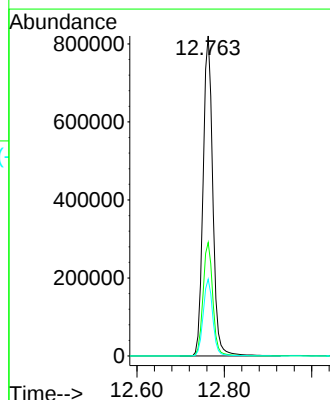
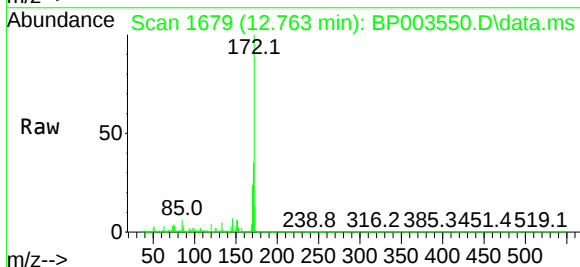
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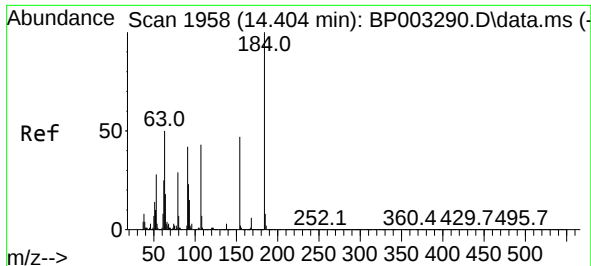
Tgt Ion:330 Resp: 365456
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 34.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 98.94 ng
RT: 12.763 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BP003550.D
Acq: 07 Oct 2020 10:07

Tgt Ion:172 Resp: 1269630
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.0 19.2 28.8

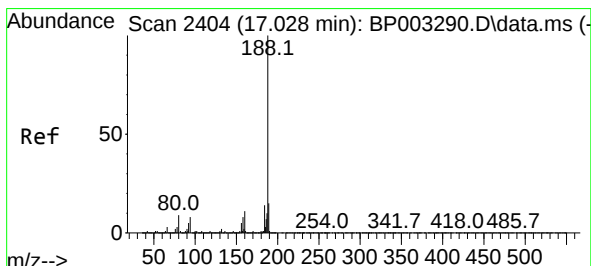
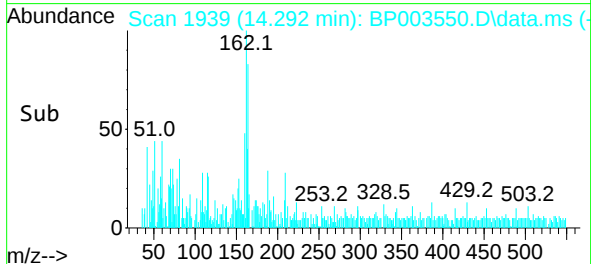
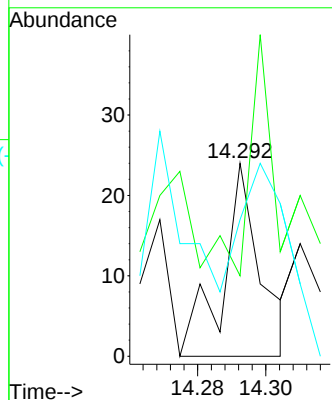
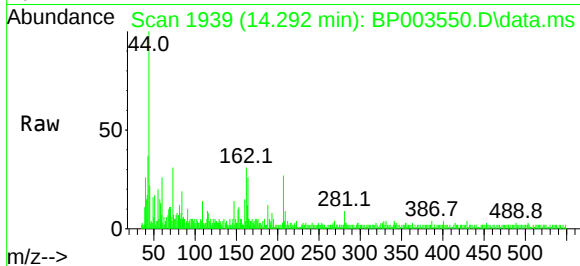




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.292 min Scan# 1939
Delta R.T. -0.035 min
Lab File: BP003550.D
Acq: 07 Oct 2020 10:07

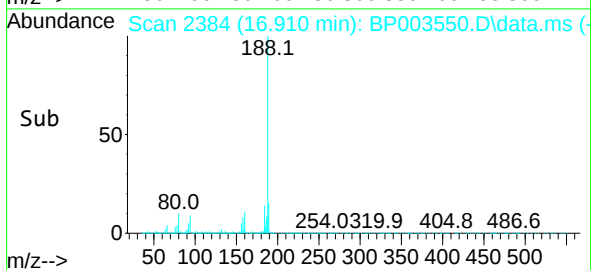
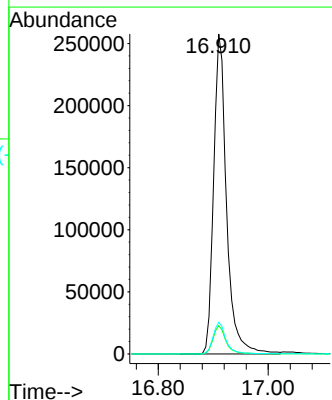
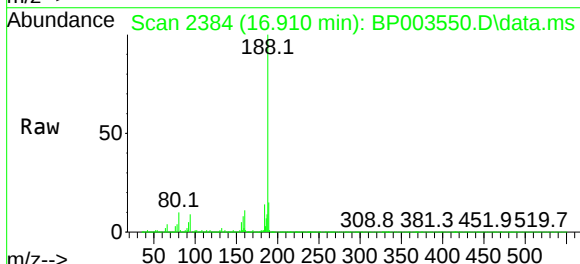
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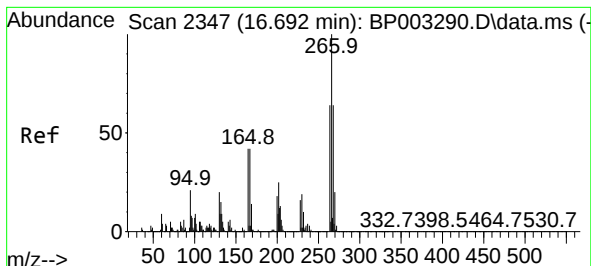
Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 41.7 32.3 48.5
154 70.8 49.1 73.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.910 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP003550.D
Acq: 07 Oct 2020 10:07

Tgt Ion:188 Resp: 420185
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 9.9 6.2 9.2#

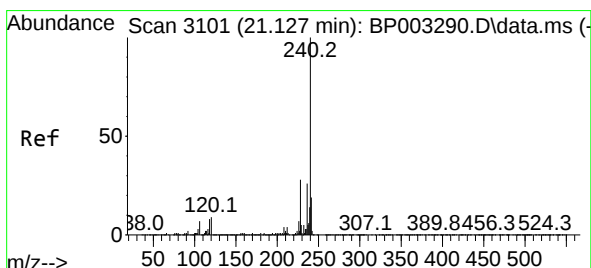
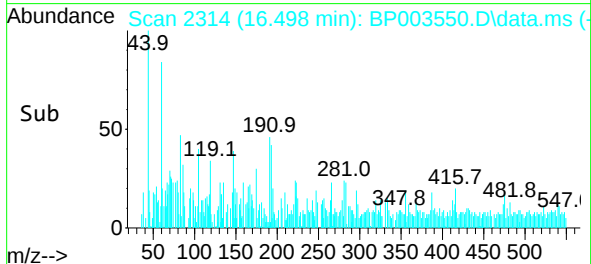
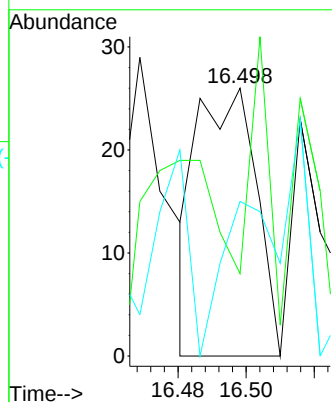
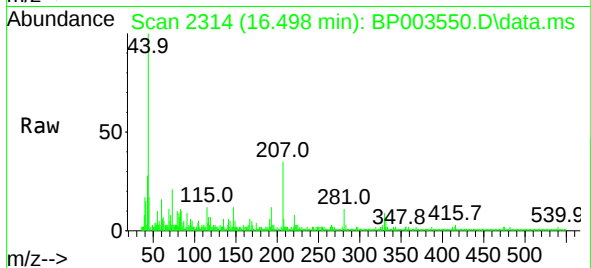




#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.498 min Scan# 2314
Delta R.T. -0.094 min
Lab File: BP003550.D
Acq: 07 Oct 2020 10:07

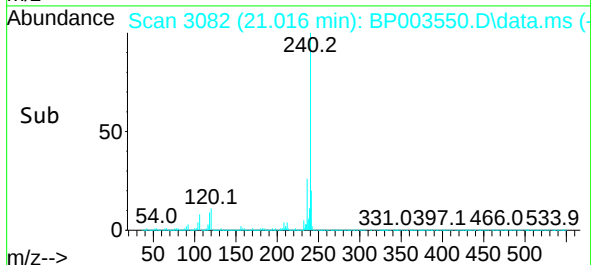
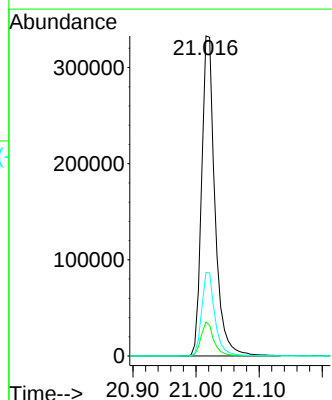
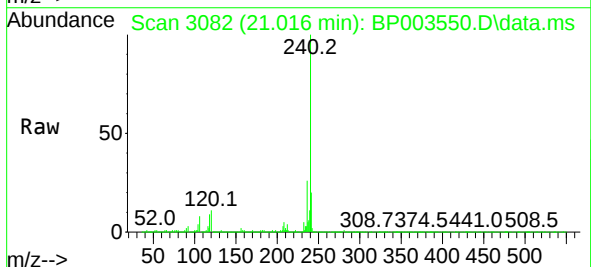
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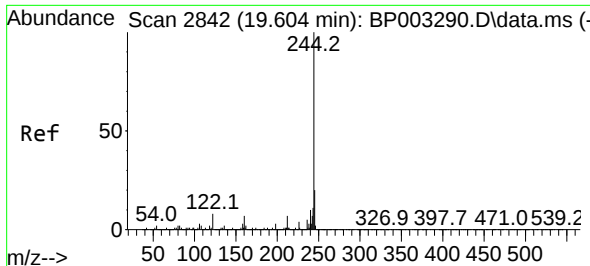
Tgt Ion:266 Resp: 31
Ion Ratio Lower Upper
266 100
268 61.5 51.1 76.7
264 57.7 50.6 76.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.016 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP003550.D
Acq: 07 Oct 2020 10:07

Tgt Ion:240 Resp: 487131
Ion Ratio Lower Upper
240 100
120 10.6 7.8 11.6
236 26.1 20.8 31.2

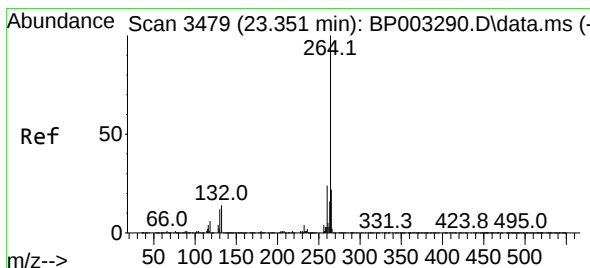
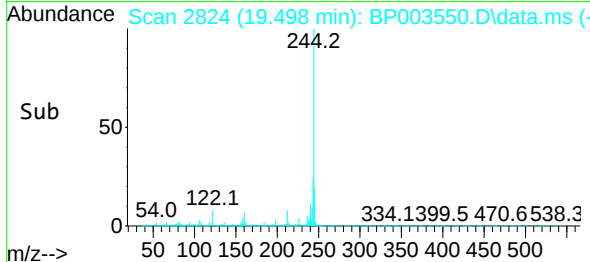
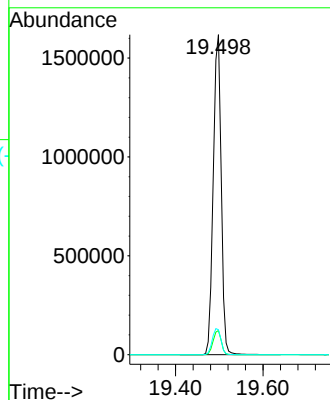
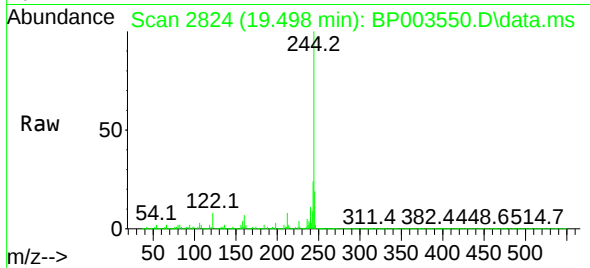




#79
Terphenyl-d14
Concen: 87.82 ng
RT: 19.498 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BP003550.D
Acq: 07 Oct 2020 10:07

Instrument :
BNA_P
ClientSampleId :
PAV-B14-092920-10-16

Tgt Ion:244 Resp: 2053219
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 7.8 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: BP003550.D
Acq: 07 Oct 2020 10:07

Tgt Ion:264 Resp: 460149
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 22.0 17.4 26.2

