

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100520\
 Data File : BP003502.D
 Acq On : 05 Oct 2020 21:53
 Operator : CG/JU
 Sample : L4242-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B24-100120-10-18

Quant Time: Oct 06 04:20:38 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)

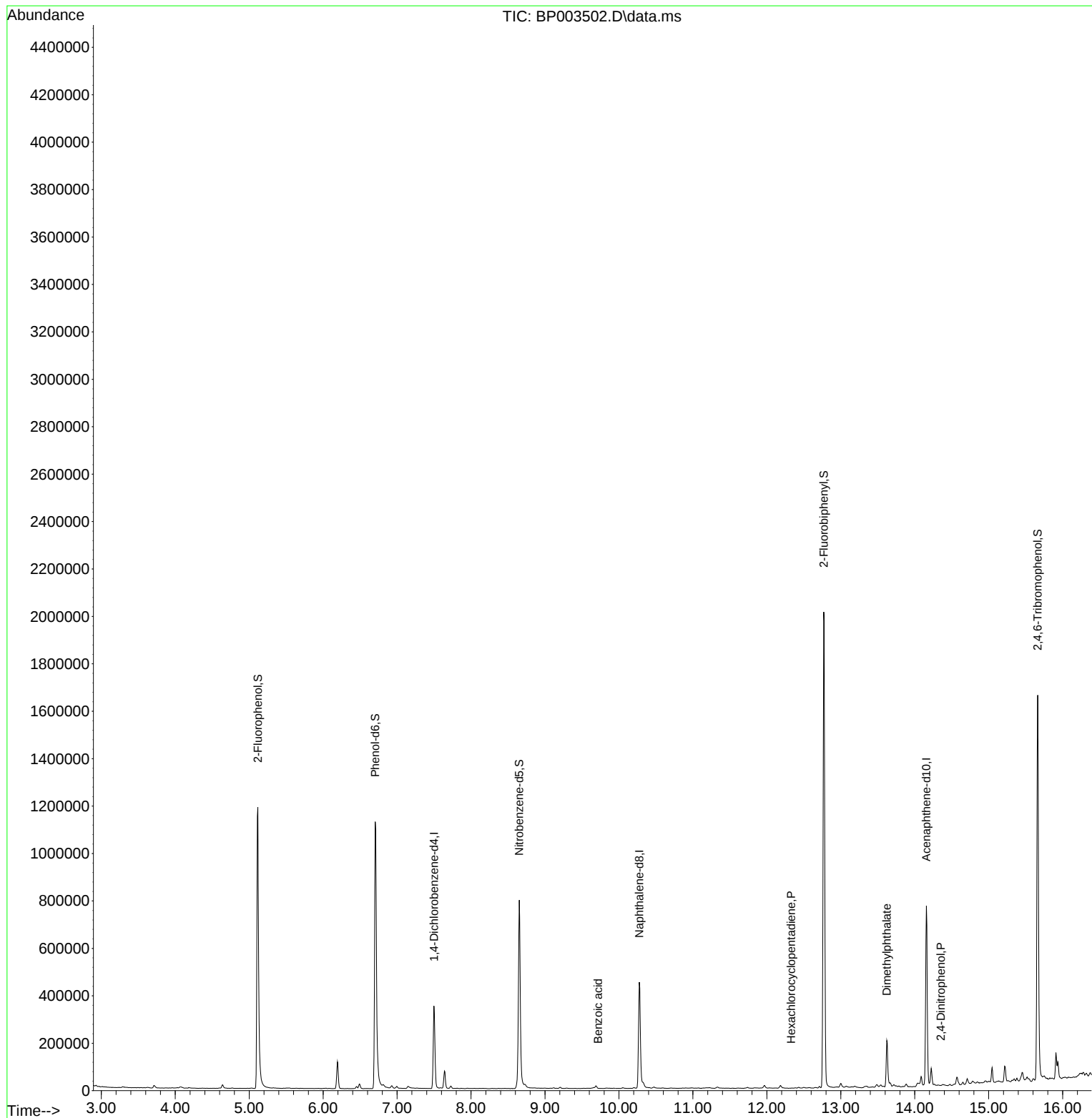
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	96062	20.00	ng	0.00
21) Naphthalene-d8	10.275	136	398321	20.00	ng	# 0.00
39) Acenaphthene-d10	14.157	164	251470	20.00	ng	0.00
64) Phenanthrene-d10	16.916	188	543751	20.00	ng	# 0.00
76) Chrysene-d12	21.021	240	591725	20.00	ng	0.00
86) Perylene-d12	23.198	264	540754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.116	112	612487	111.33	ng	0.00
7) Phenol-d6	6.705	99	800487	109.16	ng	0.00
23) Nitrobenzene-d5	8.652	82	528696	77.98	ng	0.00
42) 2,4,6-Tribromophenol	15.663	330	319796	83.38	ng	0.00
45) 2-Fluorobiphenyl	12.769	172	1055727	61.40	ng	0.00
79) Terphenyl-d14	19.504	244	1492012	52.54	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.716	122	24	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.328	237	28	6.85	ng	77
50) Dimethylphthalate	13.622	163	136176	6.78	ng	100
54) 2,4-Dinitrophenol	14.351	184	5	7.25	ng	# 1
70) Pentachlorophenol	16.451	266	24	6.78	ng	96
71) Phenanthrene	16.957	178	358548	12.12	ng	99
72) Anthracene	17.051	178	101440	3.48	ng	99
75) Fluoranthene	18.951	202	499226	13.42	ng	98
78) Pyrene	19.298	202	482071	13.06	ng	99
81) Benzo(a)anthracene	21.010	228	268093	7.01	ng	99
83) Chrysene	21.063	228	223409	6.08	ng	96
87) Indeno(1,2,3-cd)pyrene	25.404	276	147262	3.59	ng	95
88) Benzo(b)fluoranthene	22.551	252	305327	8.94	ng	# 96
89) Benzo(k)fluoranthene	22.551	252	305327	9.33	ng	# 96
90) Benzo(a)pyrene	23.104	252	252294	7.84	ng	96
92) Benzo(g,h,i)perylene	26.068	276	152453	4.51	ng	98

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

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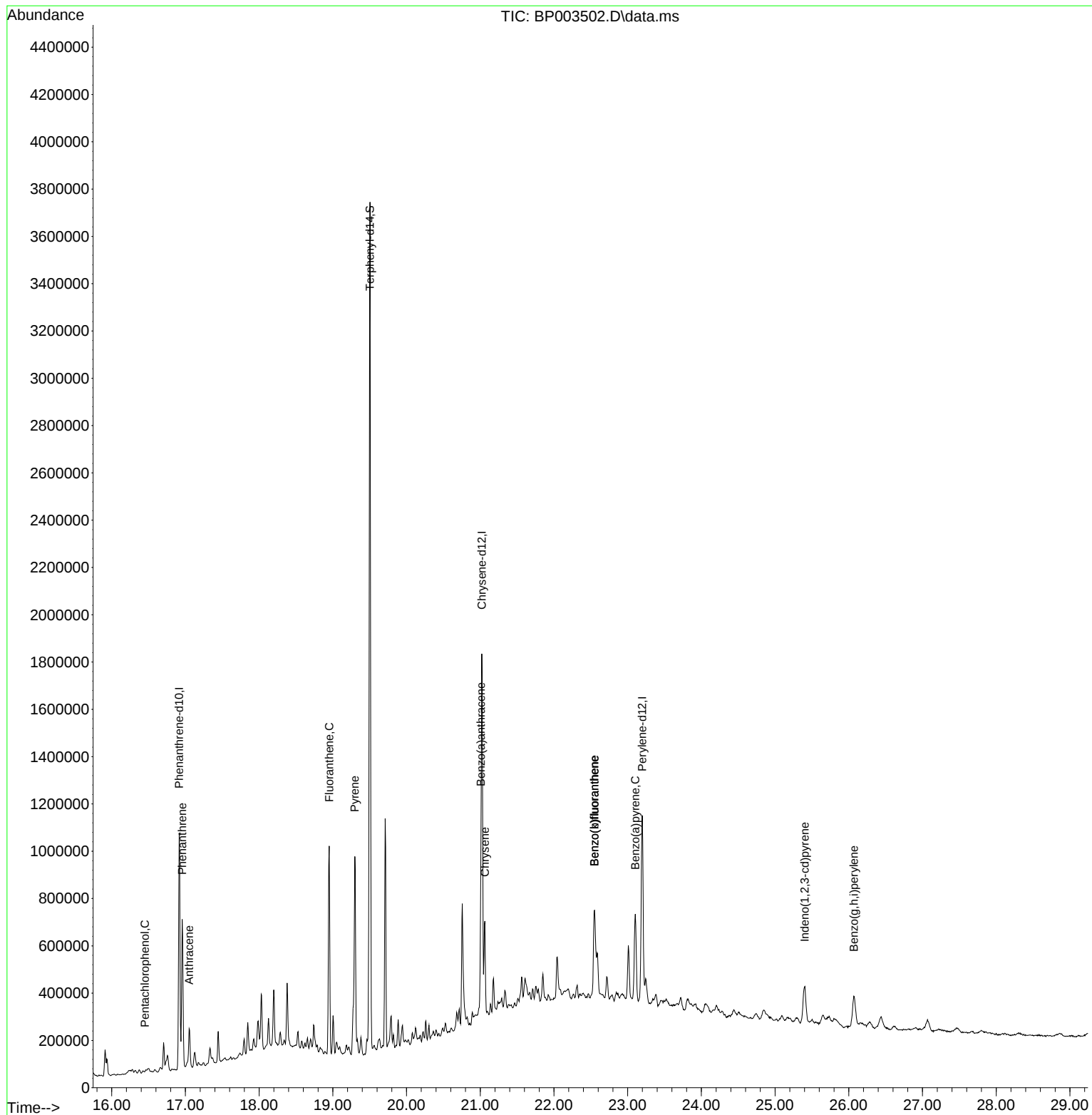
Quant Time: Oct 06 04:20:38 2020
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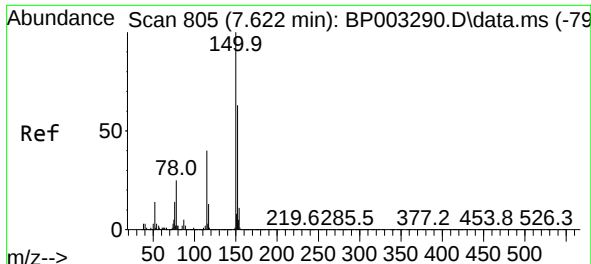


Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100520\
Data File : BP003502.D
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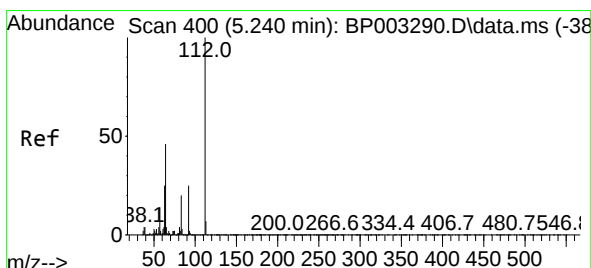
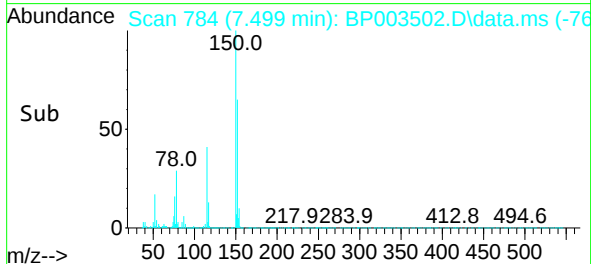
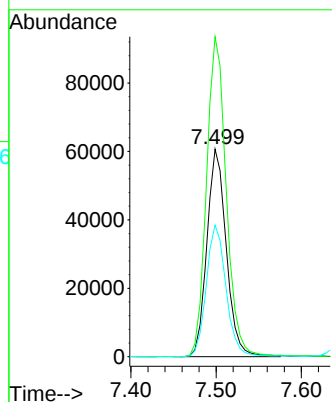
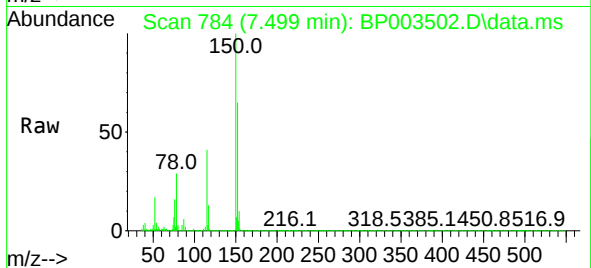




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.499 min Scan# 784
Delta R.T. 0.001 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

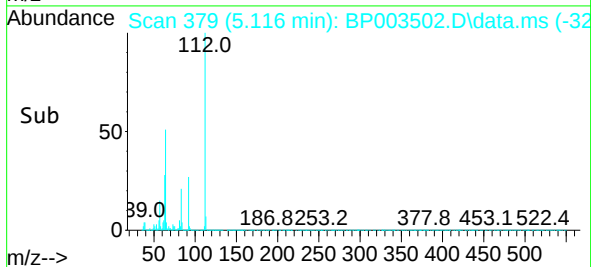
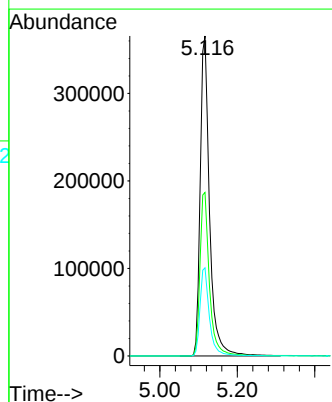
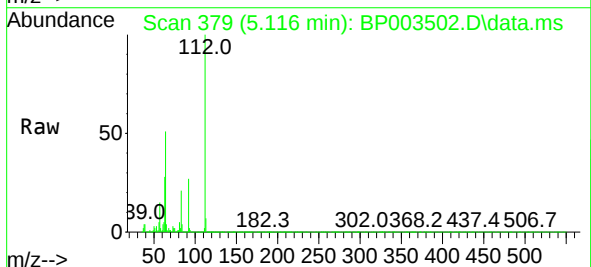
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-10-18

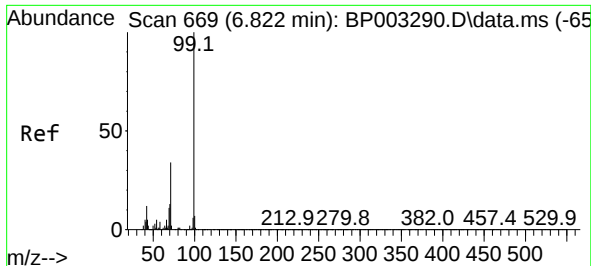
Tgt Ion:152 Resp: 96062
Ion Ratio Lower Upper
152 100
150 154.2 123.8 185.6
115 63.4 43.8 65.6



#5
2-Fluorophenol
Concen: 111.33 ng
RT: 5.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

Tgt Ion:112 Resp: 612487
Ion Ratio Lower Upper
112 100
64 51.1 32.8 49.2#
63 27.6 17.0 25.4#

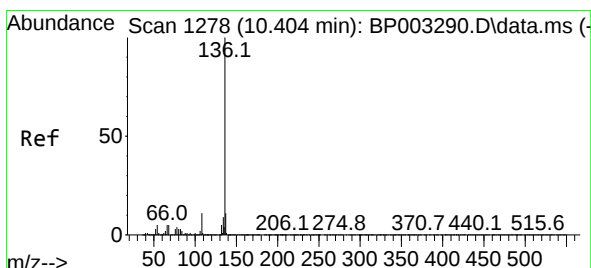
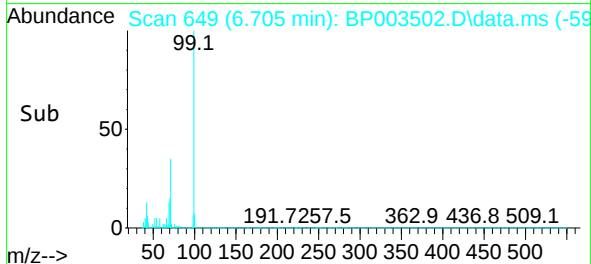
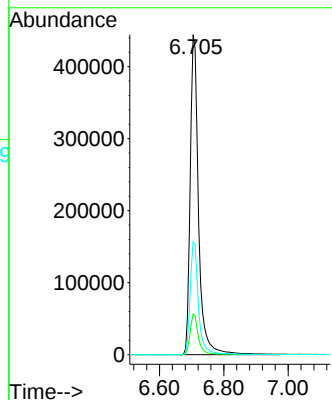
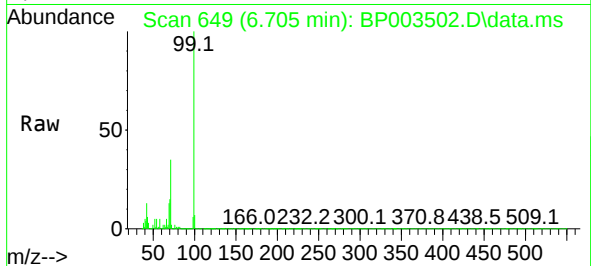




#7
Phenol-d6
Concen: 109.16 ng
RT: 6.705 min Scan# 649
Delta R.T. 0.000 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

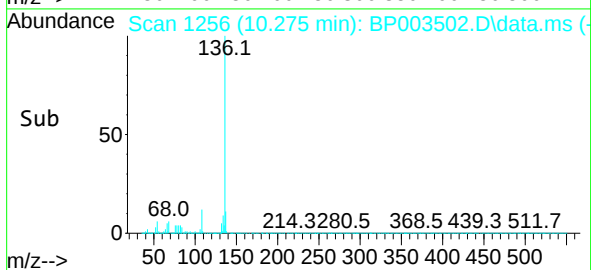
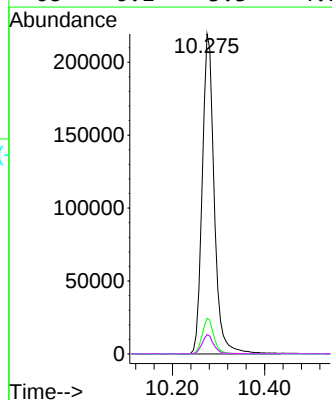
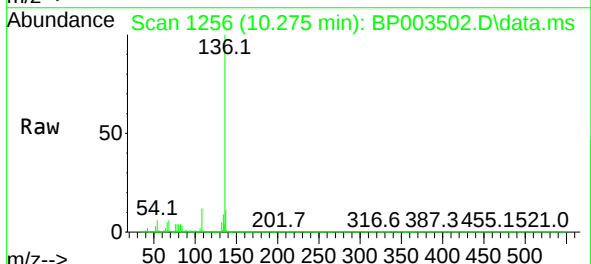
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-10-18

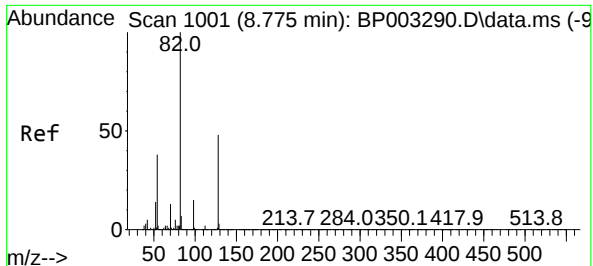
Tgt Ion: 99 Resp: 800487
Ion Ratio Lower Upper
99 100
42 12.8 8.6 13.0
71 35.3 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.275 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

Tgt Ion: 136 Resp: 398321
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 6.0 3.6 5.4#
68 6.1 3.3 4.9#

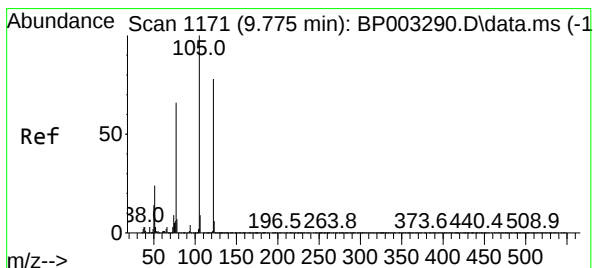
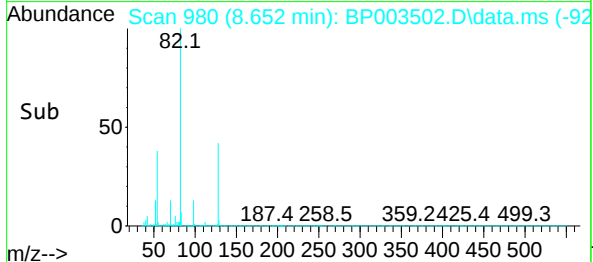
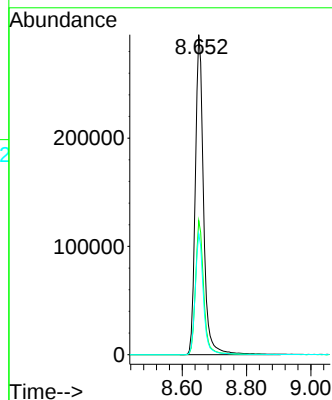
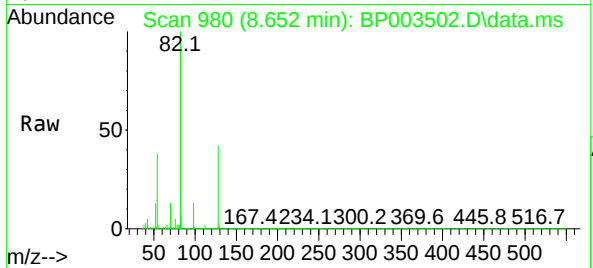




#23
Nitrobenzene-d5
Concen: 77.98 ng
RT: 8.652 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

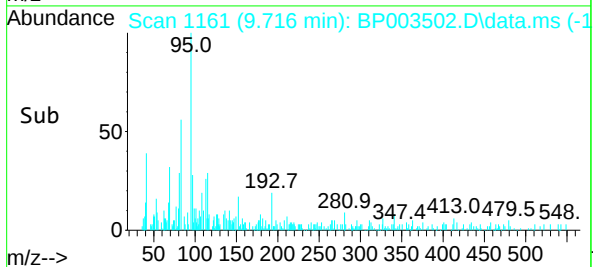
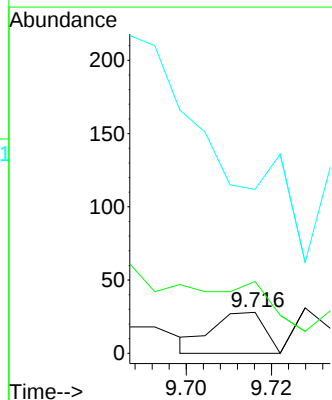
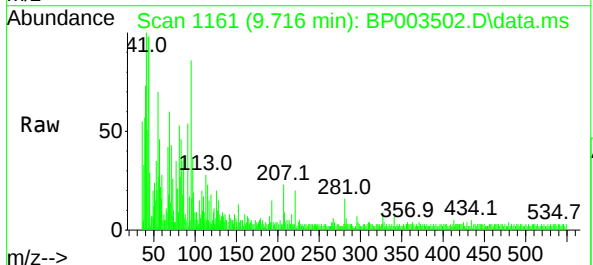
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-10-18

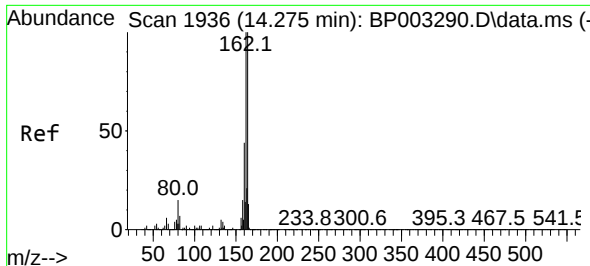
Tgt Ion: 82 Resp: 528696
Ion Ratio Lower Upper
82 100
128 41.9 45.6 68.4#
54 37.8 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.716 min Scan# 1161
Delta R.T. 0.024 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

Tgt Ion: 122 Resp: 24
Ion Ratio Lower Upper
122 100
105 175.0 94.1 134.1#
77 400.0 50.1 90.1#

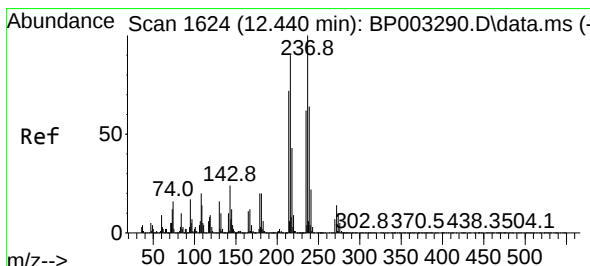
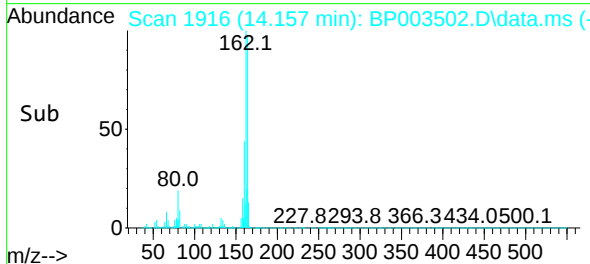
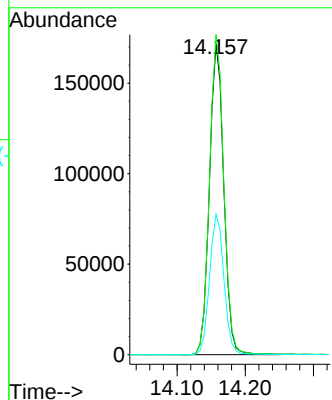
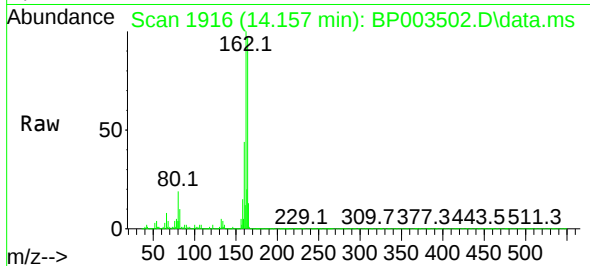




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.157 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

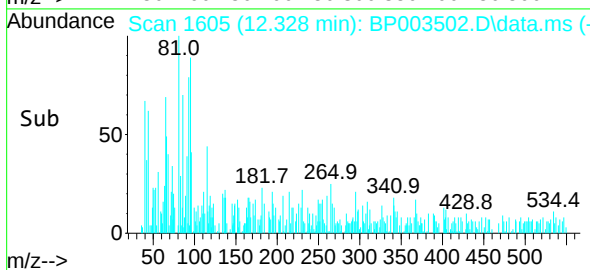
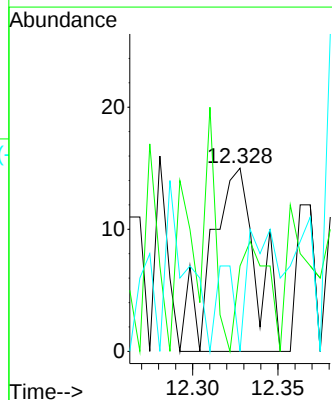
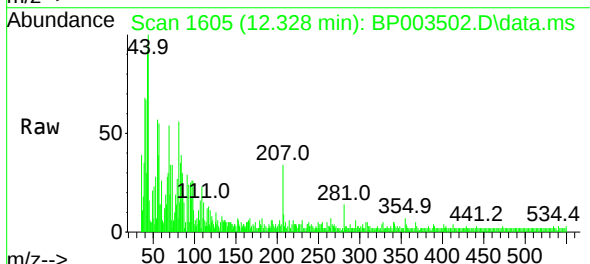
Instrument :
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ClientSampleId :
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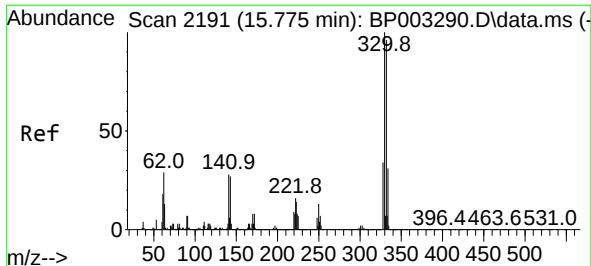
Tgt Ion:164 Resp: 251470
Ion Ratio Lower Upper
164 100
162 103.0 79.4 119.2
160 45.1 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.328 min Scan# 1605
Delta R.T. 0.012 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

Tgt Ion:237 Resp: 28
Ion Ratio Lower Upper
237 100
235 46.7 43.2 83.2
272 0.0 0.0 33.3

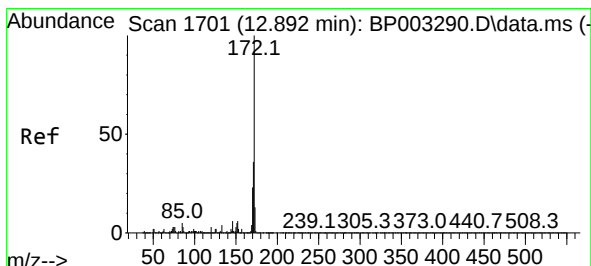
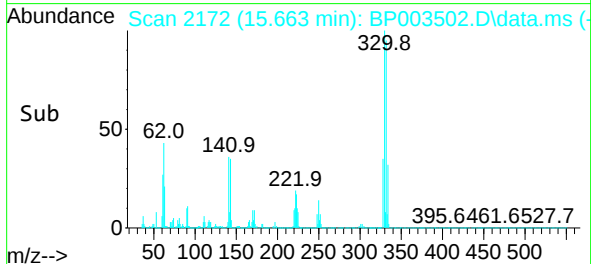
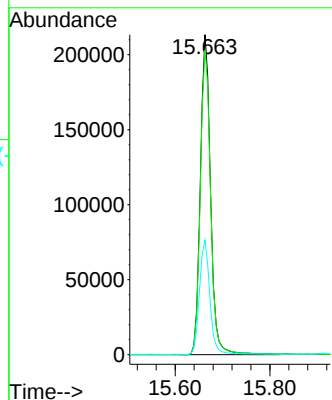
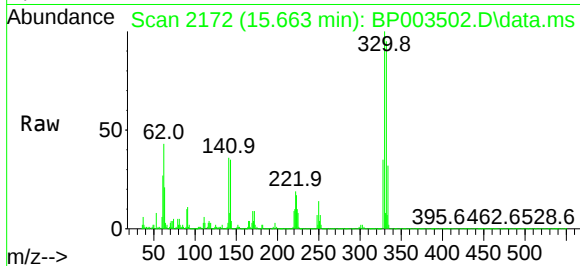




#42
2,4,6-Tribromophenol
Concen: 83.38 ng
RT: 15.663 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

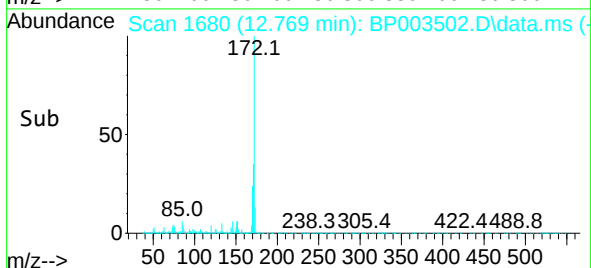
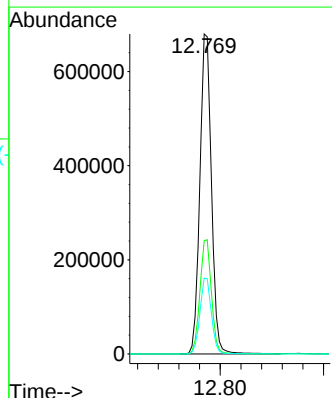
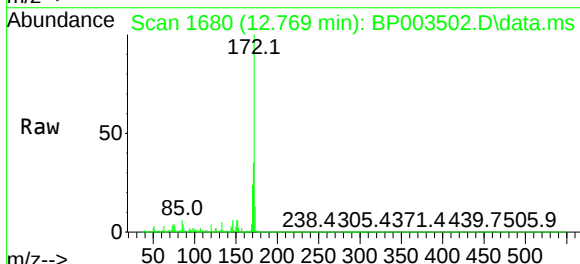
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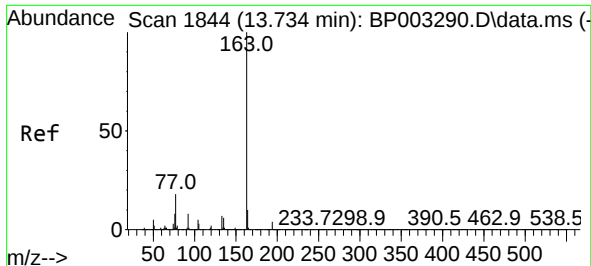
Tgt Ion:330 Resp: 319796
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 36.6 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 61.40 ng
RT: 12.769 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

Tgt Ion:172 Resp: 1055727
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.7 19.2 28.8

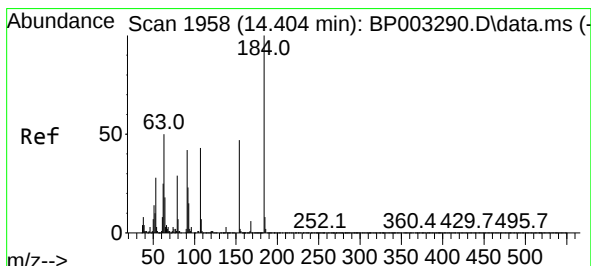
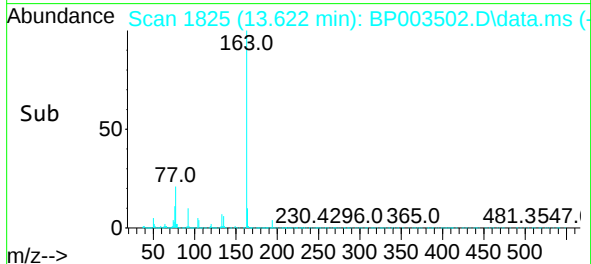
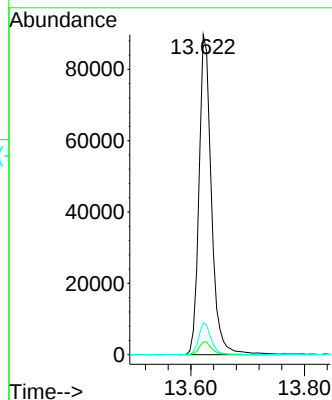
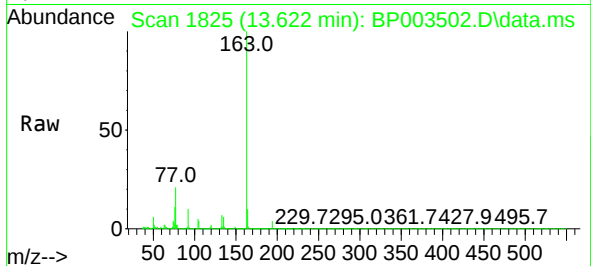




#50
Dimethylphthalate
Concen: 6.78 ng
RT: 13.622 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

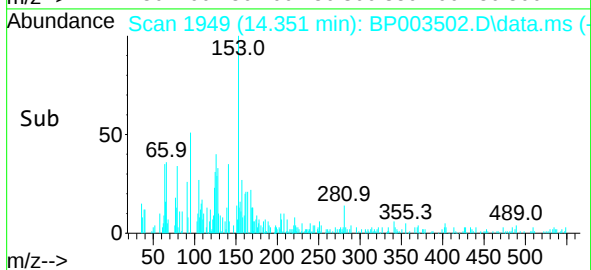
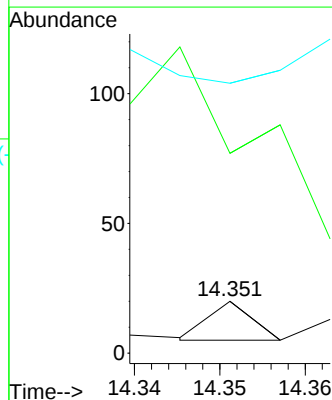
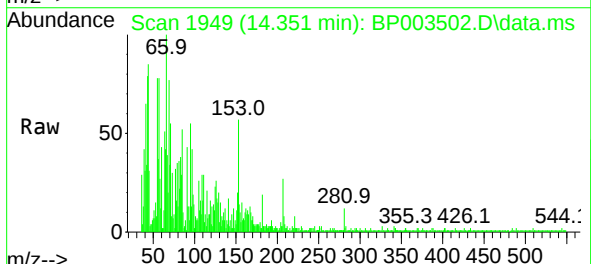
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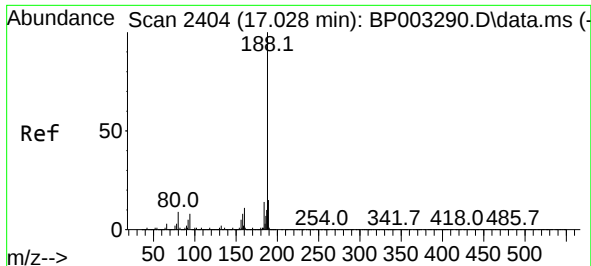
Tgt Ion:163 Resp: 136176
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.25 ng
RT: 14.351 min Scan# 1949
Delta R.T. 0.024 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

Tgt Ion:184 Resp: 5
Ion Ratio Lower Upper
184 100
63 385.0 32.3 48.5#
154 520.0 49.1 73.7#

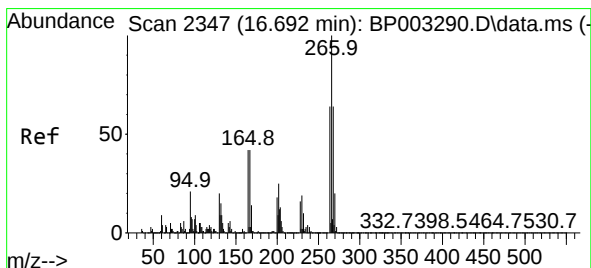
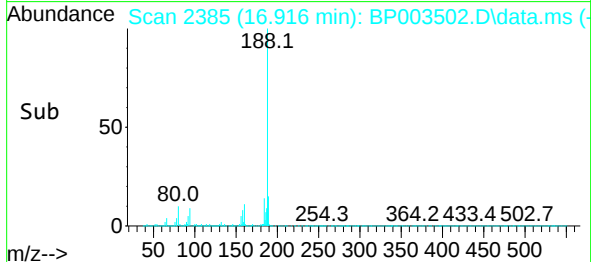
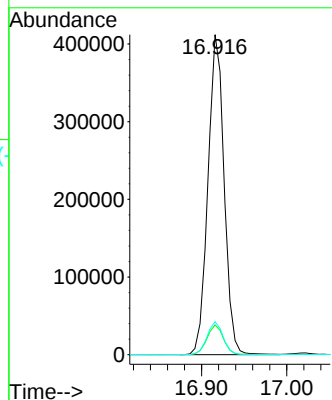
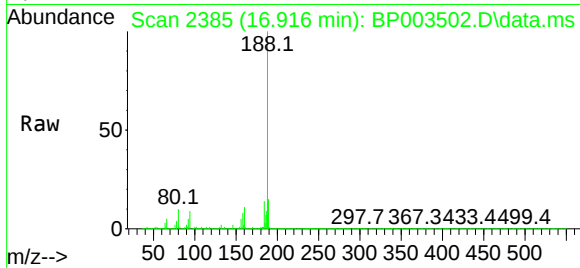




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.916 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

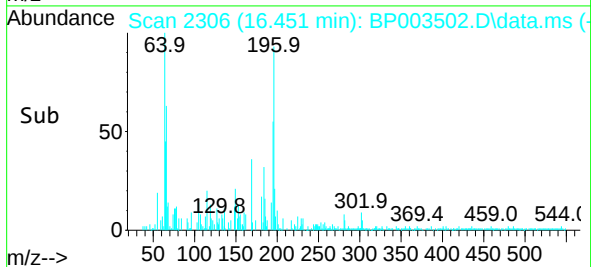
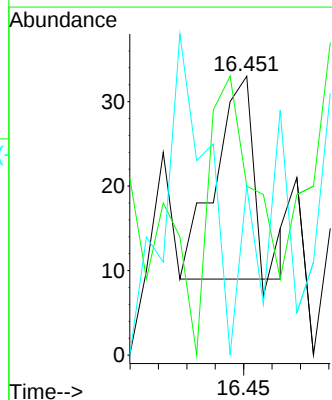
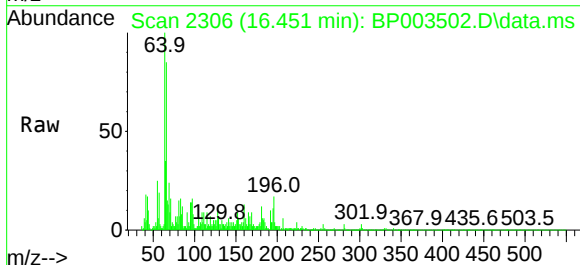
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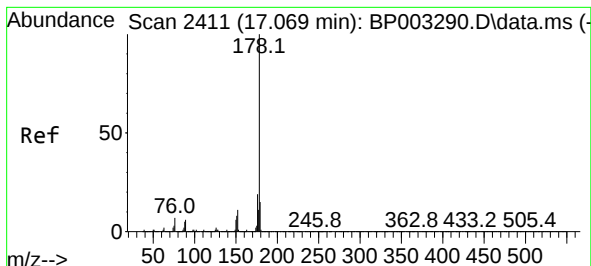
Tgt Ion:188 Resp: 543751
Ion Ratio Lower Upper
188 100
94 9.3 6.2 9.2#
80 10.3 6.2 9.2#



#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.451 min Scan# 2306
Delta R.T. -0.141 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

Tgt Ion:266 Resp: 24
Ion Ratio Lower Upper
266 100
268 60.6 51.1 76.7
264 60.6 50.6 76.0

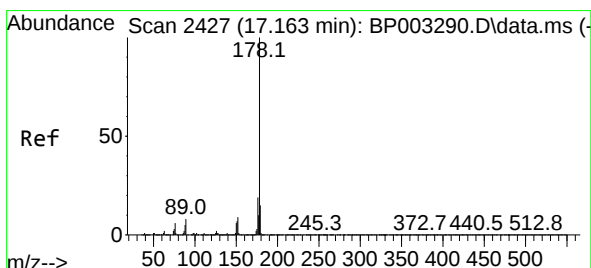
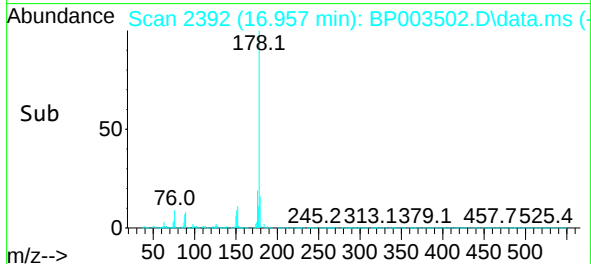
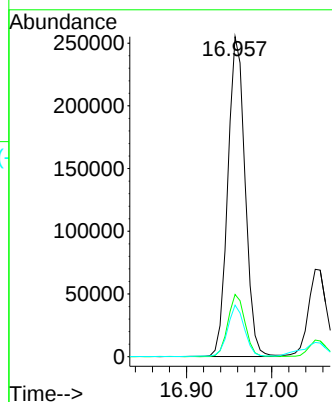
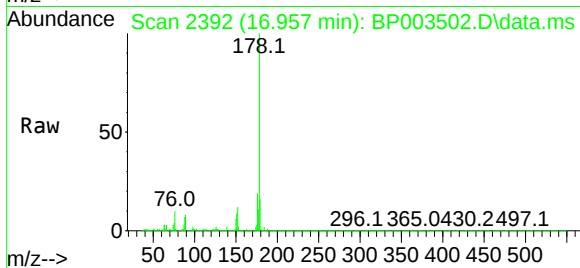




#71
Phenanthrene
Concen: 12.12 ng
RT: 16.957 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

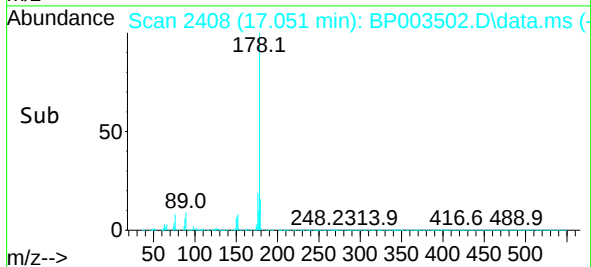
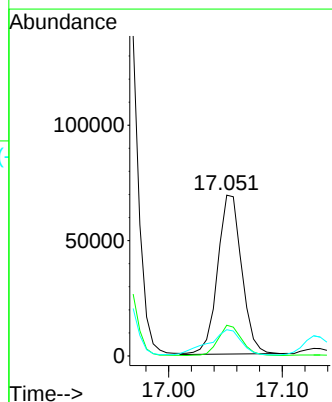
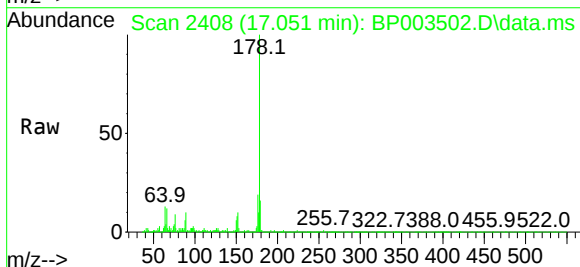
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-10-18

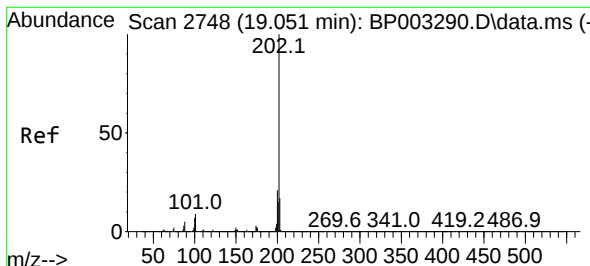
Tgt Ion:178 Resp: 358548
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 16.1 12.5 18.7



#72
Anthracene
Concen: 3.48 ng
RT: 17.051 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

Tgt Ion:178 Resp: 101440
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 16.4 12.5 18.7

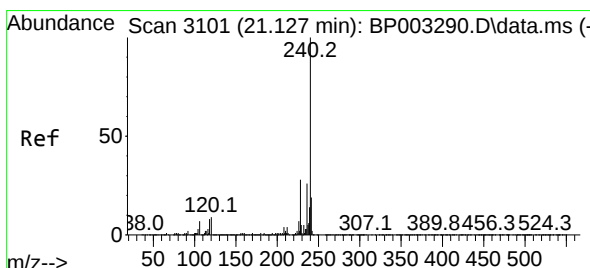
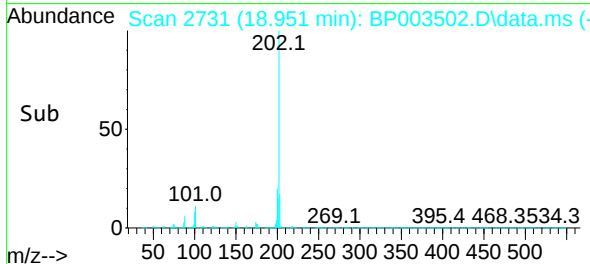
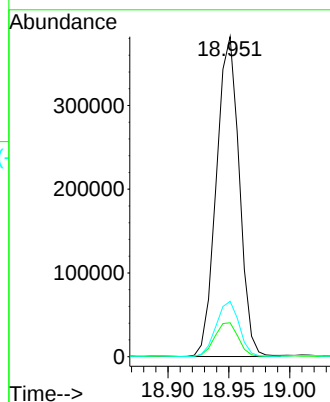
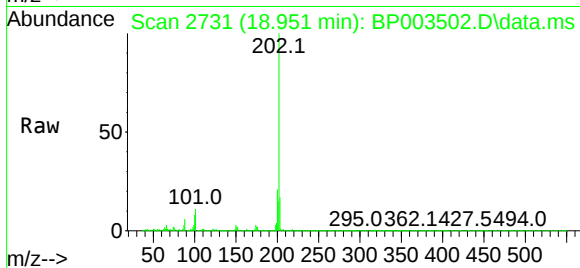




#75
Fluoranthene
Concen: 13.42 ng
RT: 18.951 min Scan# 2731
Delta R.T. 0.006 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

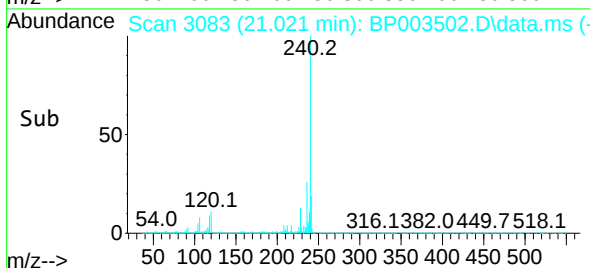
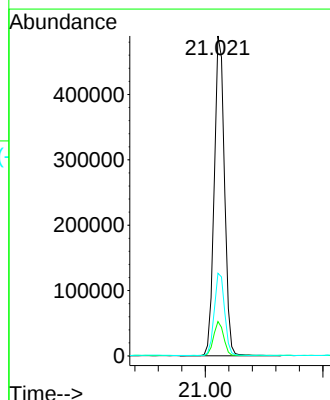
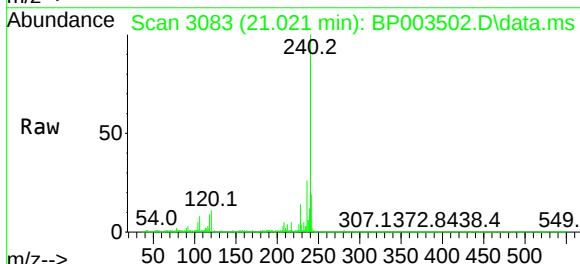
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-10-18

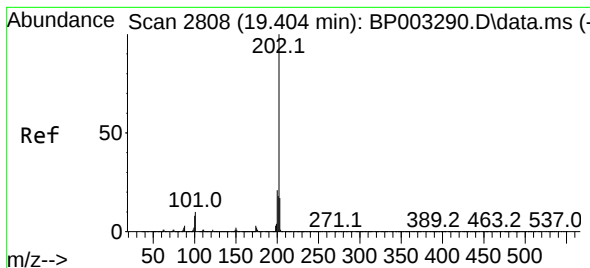
Tgt Ion:202	Resp:	499226
Ion Ratio	Lower	Upper
202	100	
101	10.6	0.0 29.4
203	17.3	0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

Tgt Ion:240	Resp:	591725
Ion Ratio	Lower	Upper
240	100	
120	10.7	7.8 11.6
236	25.9	20.8 31.2





#78

Pyrene

Concen: 13.06 ng

RT: 19.298 min Scan# 2790

Delta R.T. 0.000 min

Lab File: BP003502.D

Acq: 05 Oct 2020 21:53

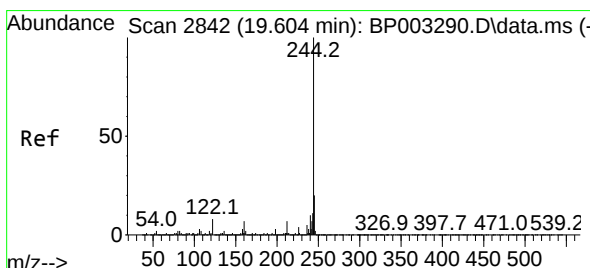
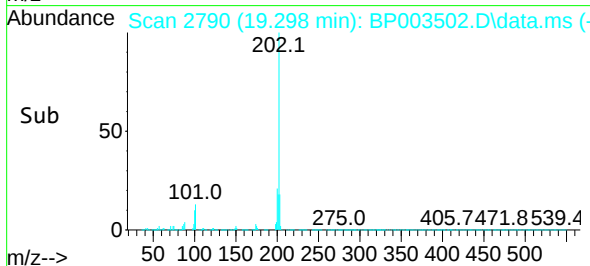
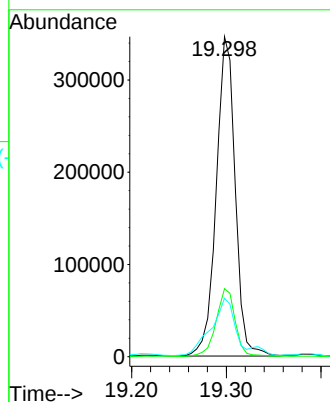
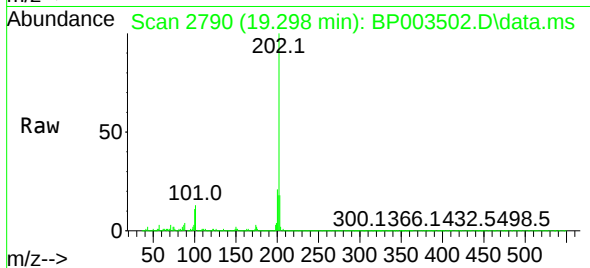
Instrument :

BNA_P

ClientSampleId :

PAV-B24-100120-10-18

Tgt Ion:202	Resp: 482071
Ion Ratio	Lower Upper
202 100	
200 21.3	17.1 25.7
203 18.3	14.2 21.2



#79

Terphenyl-d14

Concen: 52.54 ng

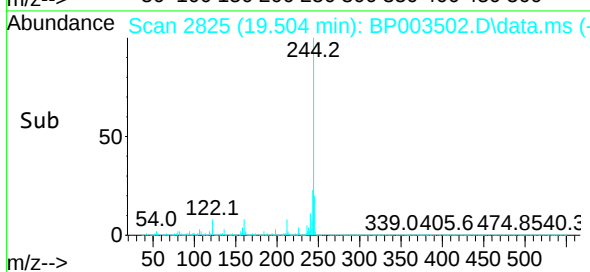
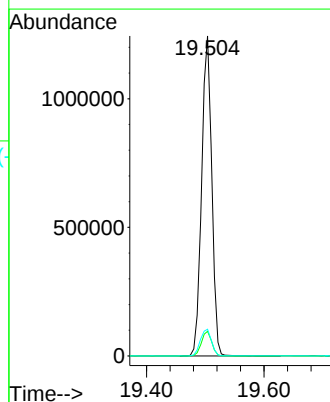
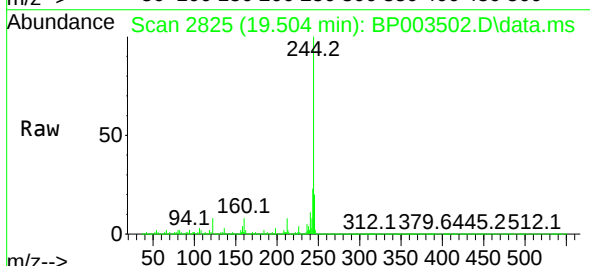
RT: 19.504 min Scan# 2825

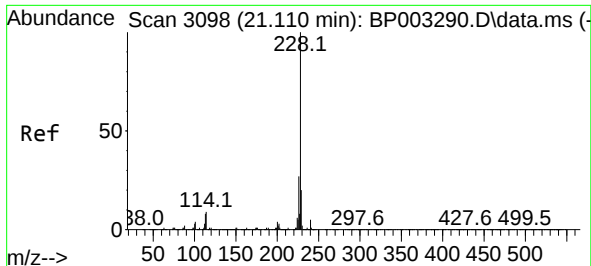
Delta R.T. 0.000 min

Lab File: BP003502.D

Acq: 05 Oct 2020 21:53

Tgt Ion:244	Resp: 1492012
Ion Ratio	Lower Upper
244 100	
212 7.7	5.8 8.6
122 8.4	7.8 11.8

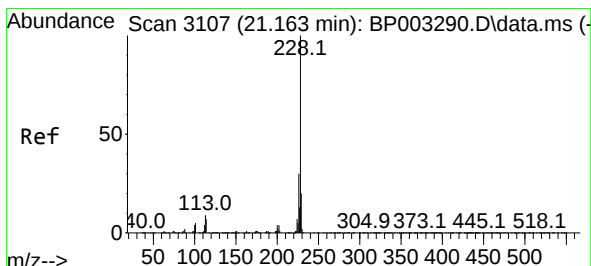
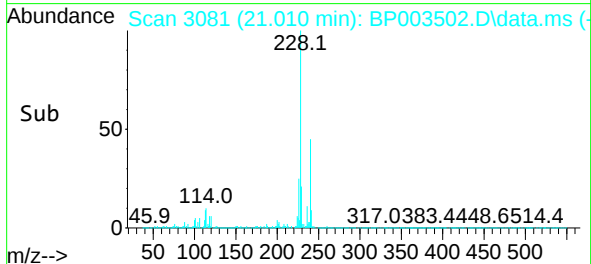
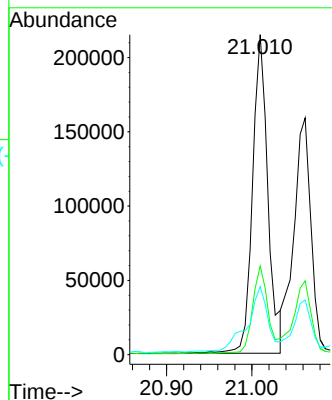
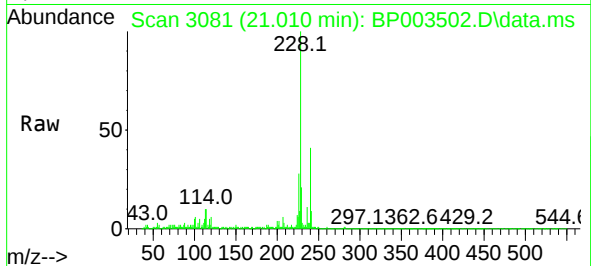




#81
Benzo(a)anthracene
Concen: 7.01 ng
RT: 21.010 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

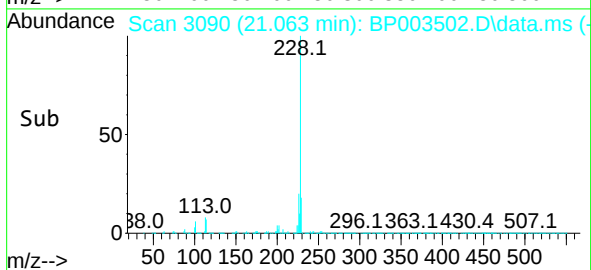
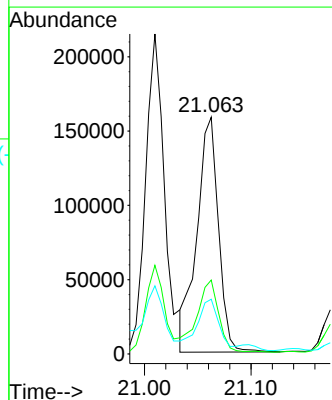
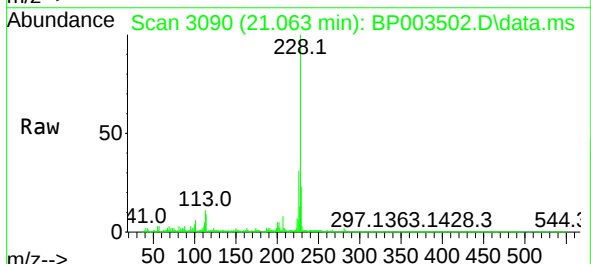
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-10-18

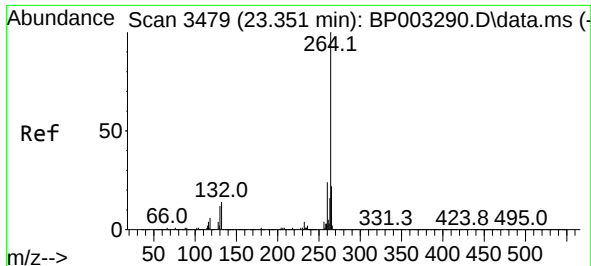
Tgt Ion:228 Resp: 268093
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 21.3 15.9 23.9



#83
Chrysene
Concen: 6.08 ng
RT: 21.063 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

Tgt Ion:228 Resp: 223409
Ion Ratio Lower Upper
228 100
226 31.2 24.4 36.6
229 23.1 15.8 23.6

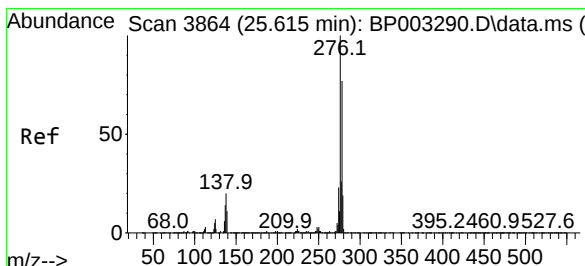
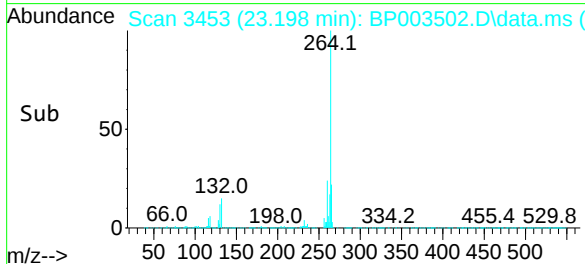
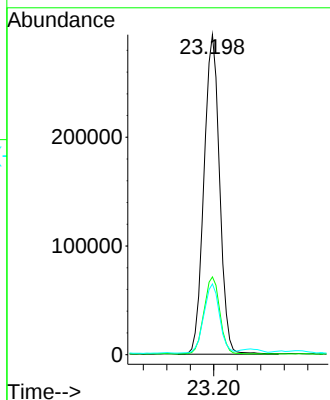
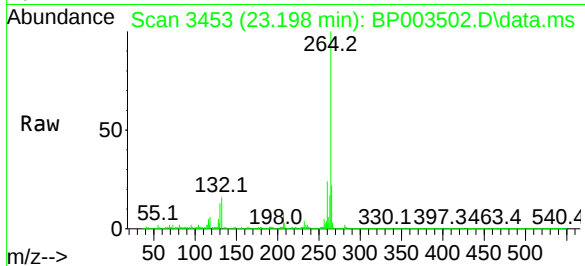




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.198 min Scan# 3453
Delta R.T. 0.000 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

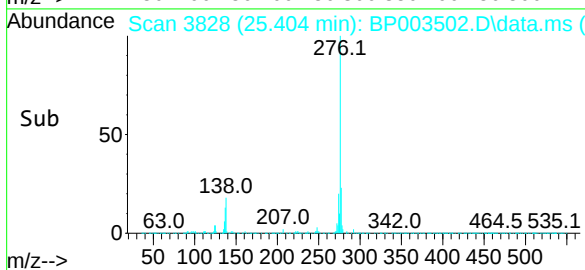
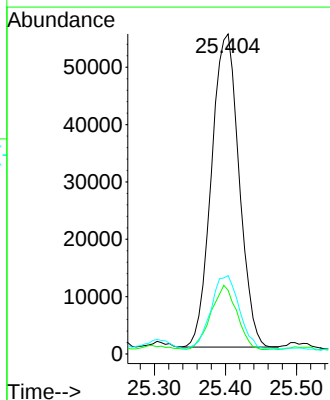
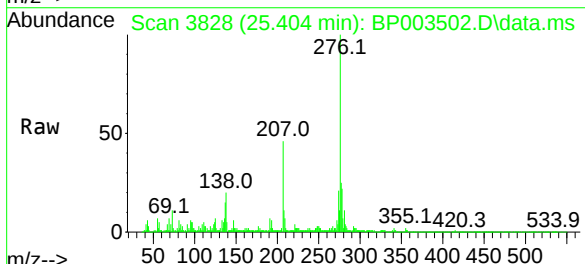
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-10-18

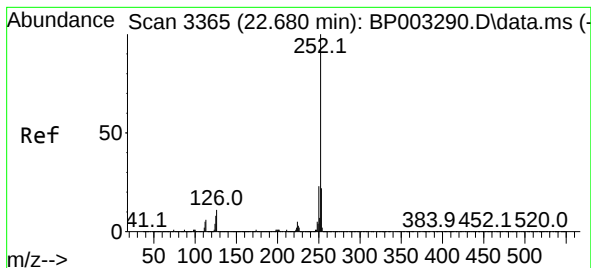
Tgt Ion:264 Resp: 540754
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 22.1 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.59 ng
RT: 25.404 min Scan# 3828
Delta R.T. 0.006 min
Lab File: BP003502.D
Acq: 05 Oct 2020 21:53

Tgt Ion:276 Resp: 147262
Ion Ratio Lower Upper
276 100
138 19.6 18.7 28.1
277 24.3 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 8.94 ng

RT: 22.551 min Scan# 3343

Delta R.T. 0.006 min

Lab File: BP003502.D

Acq: 05 Oct 2020 21:53

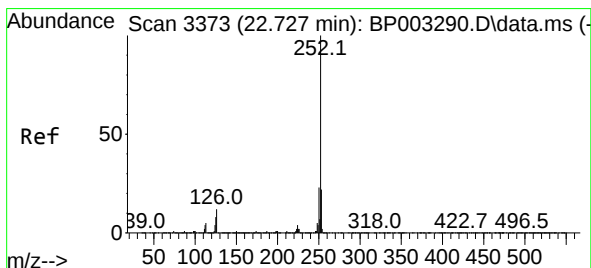
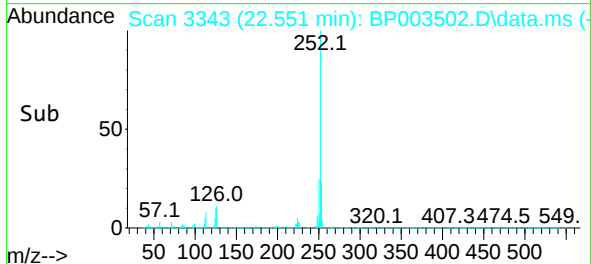
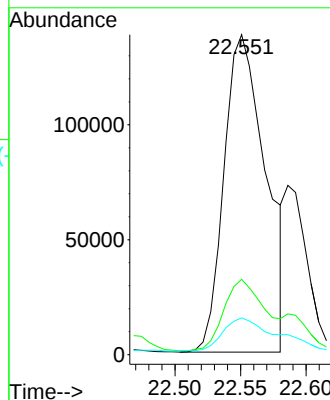
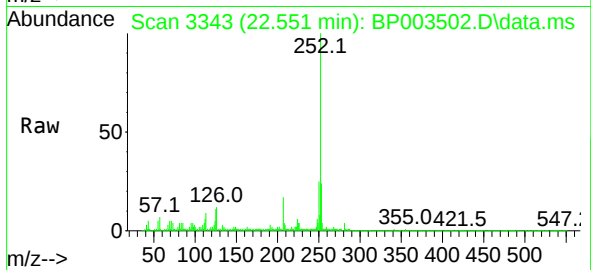
Instrument :

BNA_P

ClientSampleId :

PAV-B24-100120-10-18

Tgt Ion:252	Resp: 305327
Ion Ratio	Lower Upper
252	100
253	23.6 17.6 26.4
125	11.5 7.3 10.9#



#89

Benzo(k)fluoranthene

Concen: 9.33 ng

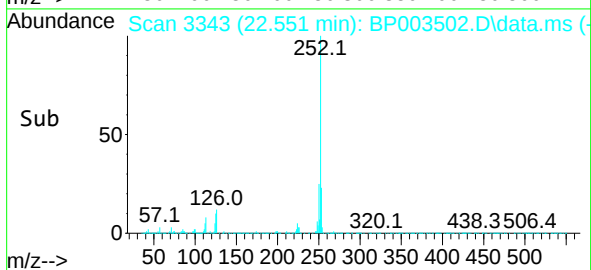
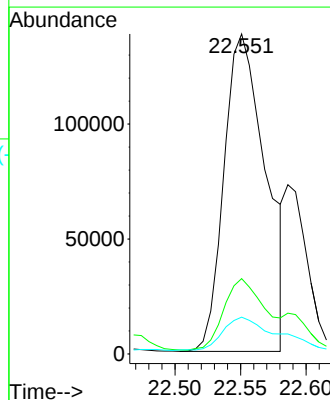
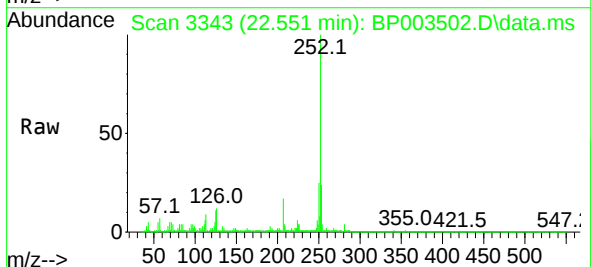
RT: 22.551 min Scan# 3343

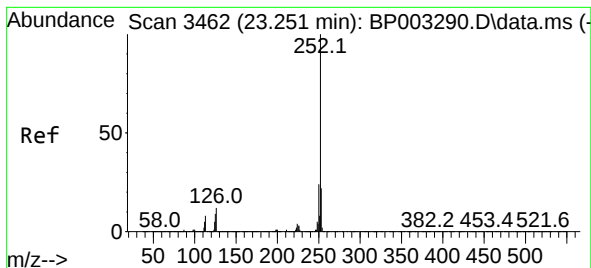
Delta R.T. -0.041 min

Lab File: BP003502.D

Acq: 05 Oct 2020 21:53

Tgt Ion:252	Resp: 305327
Ion Ratio	Lower Upper
252	100
253	23.6 17.8 26.8
125	11.5 7.4 11.2#





#90

Benzo(a)pyrene

Concen: 7.84 ng

RT: 23.104 min Scan# 3437

Delta R.T. 0.000 min

Lab File: BP003502.D

Acq: 05 Oct 2020 21:53

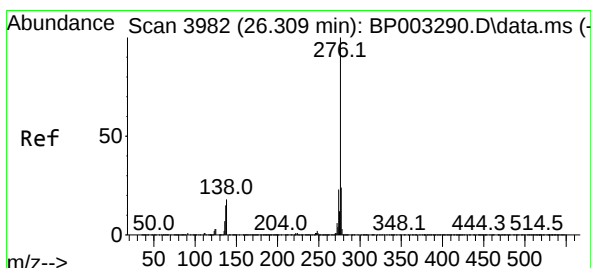
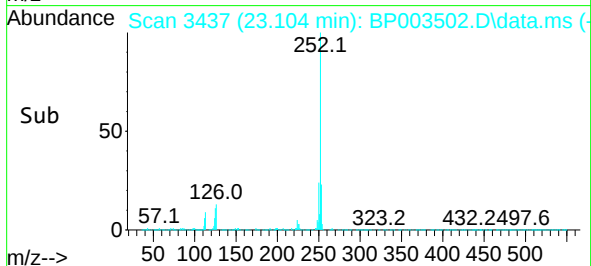
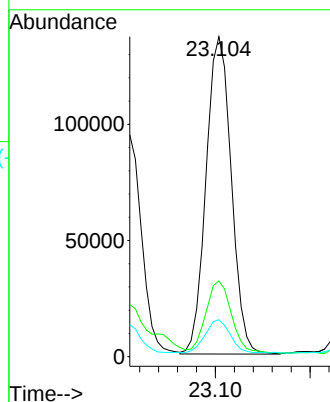
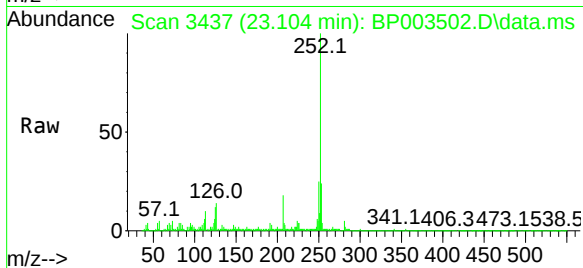
Instrument :

BNA_P

ClientSampleId :

PAV-B24-100120-10-18

Tgt Ion:252	Resp: 252294
Ion Ratio	Lower Upper
252	100
253	23.6 17.4 26.0
125	11.5 8.2 12.4



#92

Benzo(g,h,i)perylene

Concen: 4.51 ng

RT: 26.068 min Scan# 3941

Delta R.T. 0.000 min

Lab File: BP003502.D

Acq: 05 Oct 2020 21:53

Tgt Ion:276	Resp: 152453
Ion Ratio	Lower Upper
276	100
277	24.7 19.0 28.6
138	21.3 16.6 24.8

