

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
 Data File : BP003579.D
 Acq On : 08 Oct 2020 19:31
 Operator : CG/JU
 Sample : L4291-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B4-100620-0-10

Quant Time: Oct 09 01:59:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 15:55:58 2020
 Response via : Initial Calibration

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

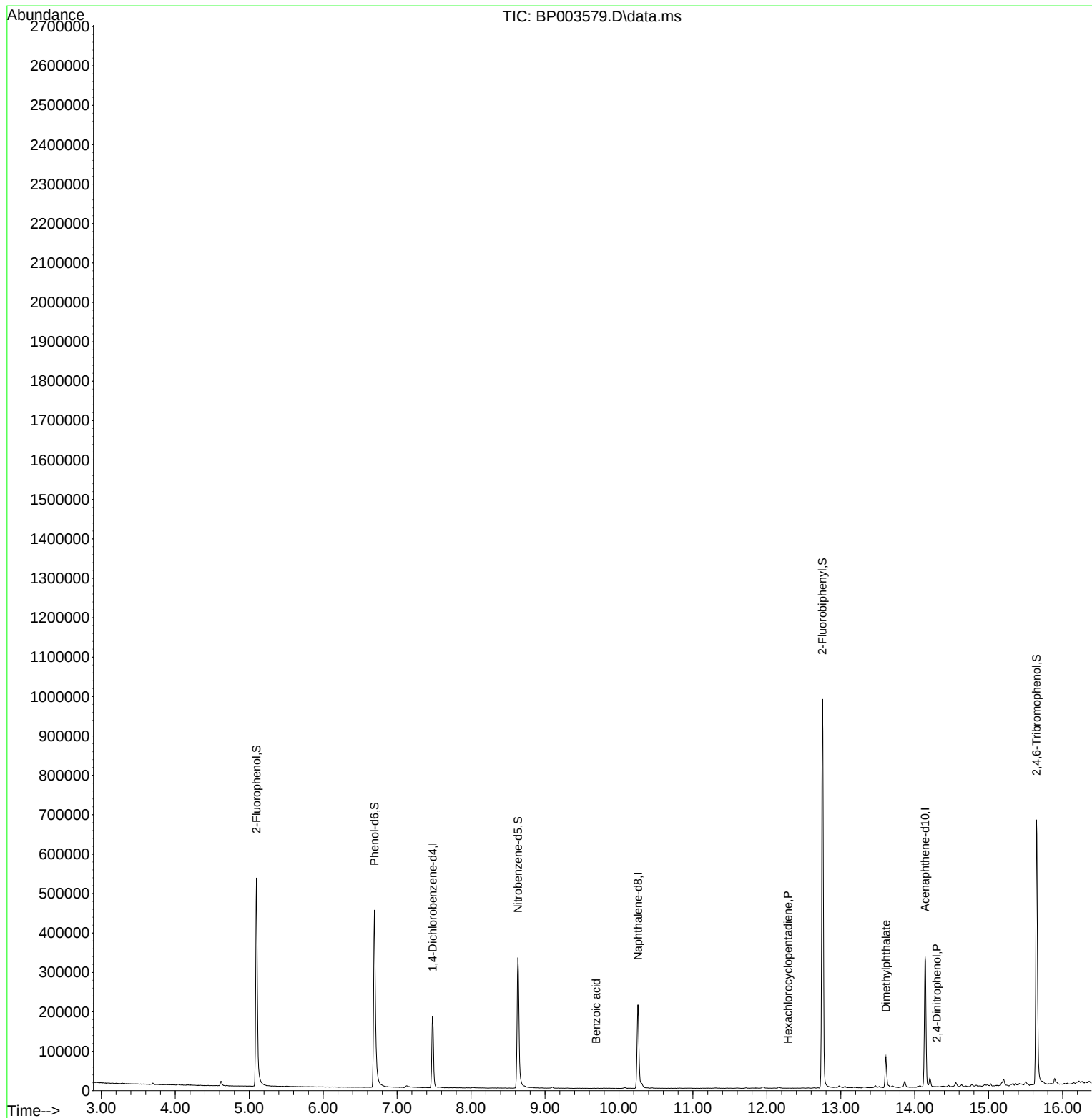
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	50940	20.00	ng	0.00
21) Naphthalene-d8	10.257	136	188699	20.00	ng	0.00
39) Acenaphthene-d10	14.140	164	114300	20.00	ng	0.00
64) Phenanthrene-d10	16.898	188	252035	20.00	ng	0.00
76) Chrysene-d12	21.010	240	287523	20.00	ng	0.00
86) Perylene-d12	23.174	264	337483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.099	112	262906	90.12	ng	0.00
7) Phenol-d6	6.693	99	308268	79.28	ng	0.00
23) Nitrobenzene-d5	8.634	82	222392	69.24	ng	0.00
42) 2,4,6-Tribromophenol	15.645	330	150010	86.05	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	520570	66.61	ng	0.00
79) Terphenyl-d14	19.486	244	832824	60.35	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.693	122	21	9.16	ng	# 32
41) Hexachlorocyclopentadiene	12.287	237	10	6.85	ng	87
50) Dimethylphthalate	13.610	163	54512	5.97	ng	100
54) 2,4-Dinitrophenol	14.298	184	14	7.27	ng	# 1
70) Pentachlorophenol	16.510	266	39	6.79	ng	98
71) Phenanthrene	16.939	178	176240	12.85	ng	99
72) Anthracene	17.039	178	44740	3.31	ng	98
75) Fluoranthene	18.933	202	443742	25.74	ng	99
78) Pyrene	19.286	202	447616	24.96	ng	99
81) Benzo(a)anthracene	20.998	228	298424	16.06	ng	99
83) Chrysene	21.045	228	266791	14.94	ng	97
87) Indeno(1,2,3-cd)pyrene	25.368	276	312730	12.23	ng	# 91
88) Benzo(b)fluoranthene	22.533	252	467664	21.94	ng	97
89) Benzo(k)fluoranthene	22.533	252	467664	22.90	ng	98
90) Benzo(a)pyrene	22.992	252	258274	12.85	ng	97
91) Dibenzo(a,h)anthracene	25.368	278	89673	4.25	ng	# 91
92) Benzo(g,h,i)perylene	26.039	276	309701	14.70	ng	# 94

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

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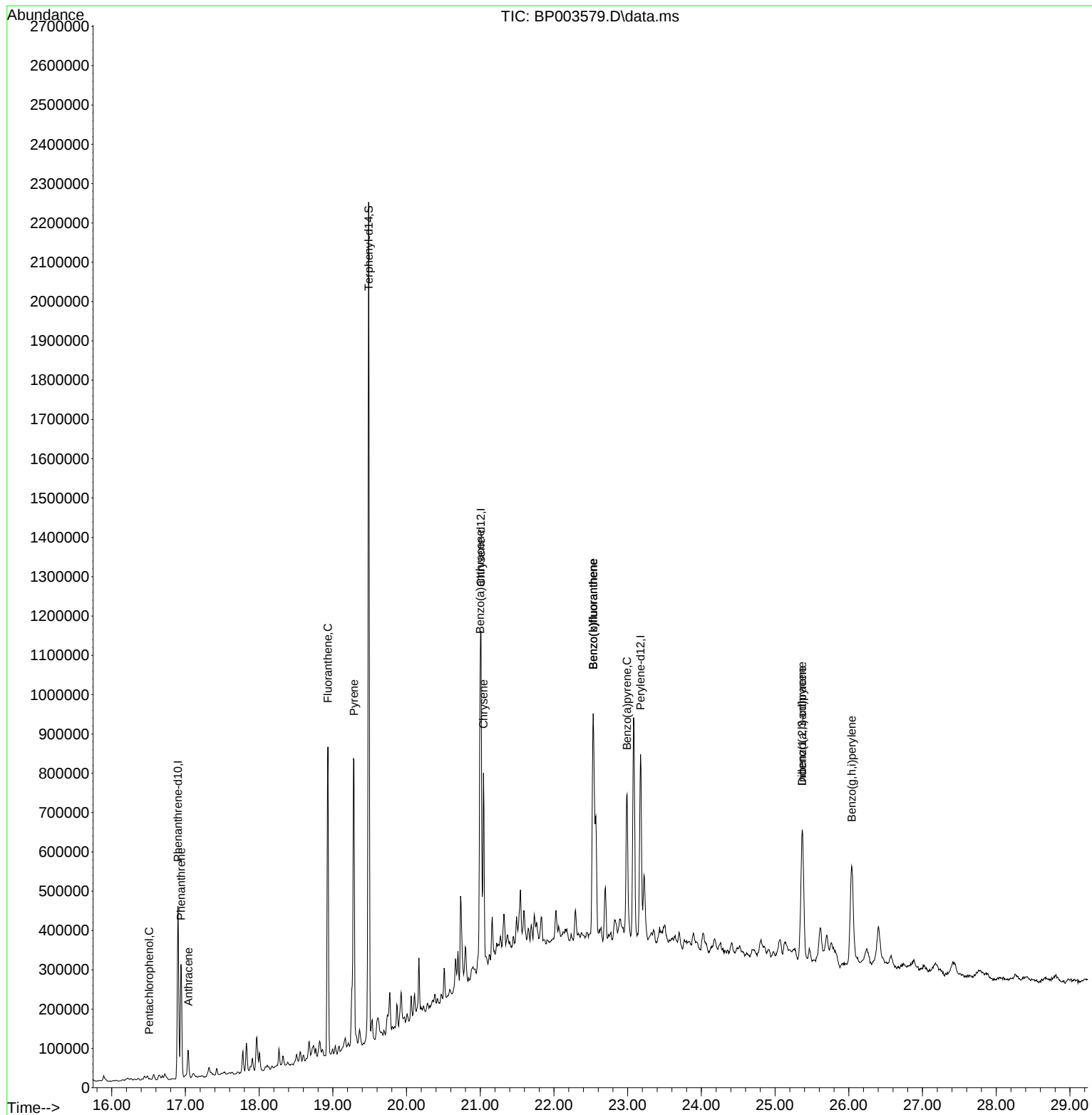
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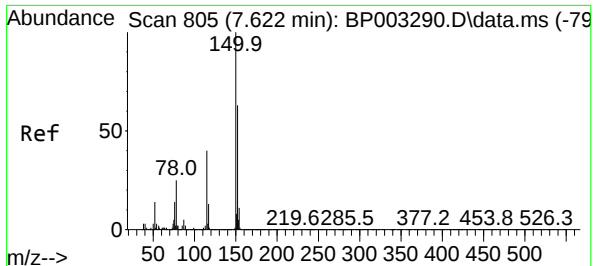


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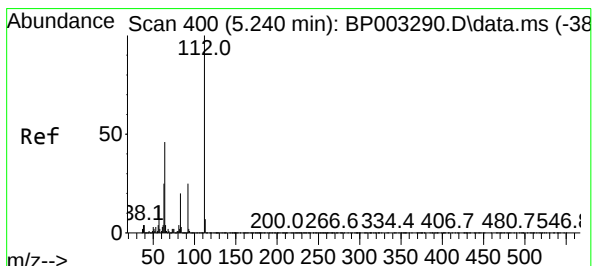
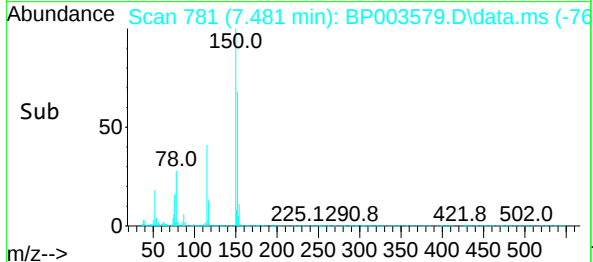
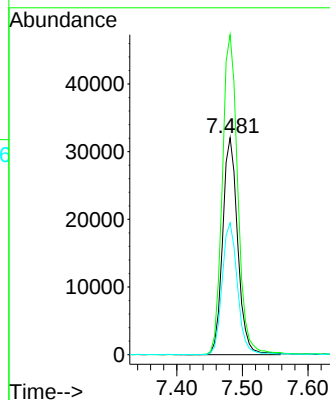
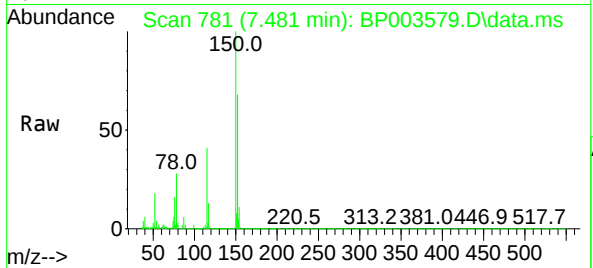




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

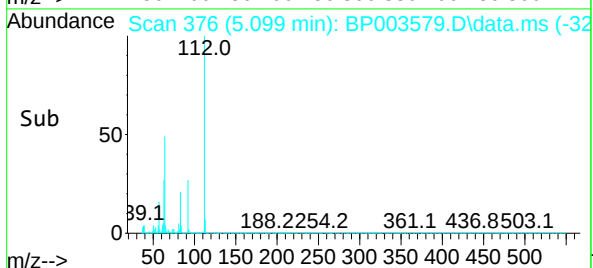
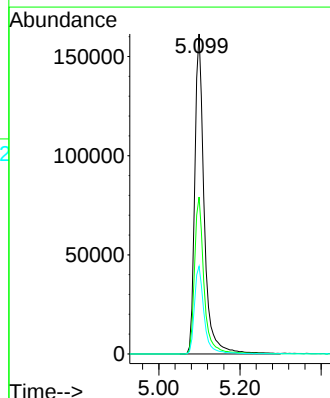
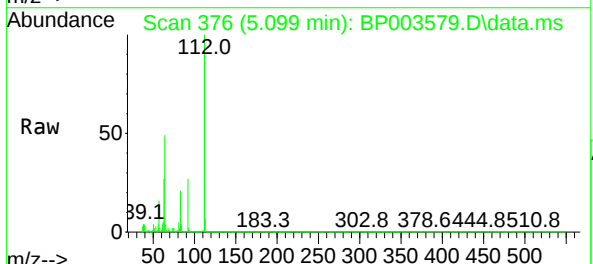
Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-0-10

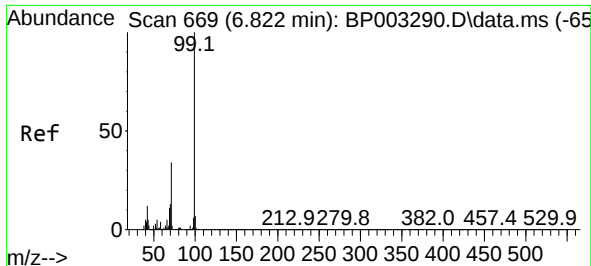
Tgt Ion:152 Resp: 50940
Ion Ratio Lower Upper
152 100
150 147.5 123.8 185.6
115 60.8 43.8 65.6



#5
2-Fluorophenol
Concen: 90.12 ng
RT: 5.099 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

Tgt Ion:112 Resp: 262906
Ion Ratio Lower Upper
112 100
64 49.0 32.8 49.2
63 27.4 17.0 25.4#

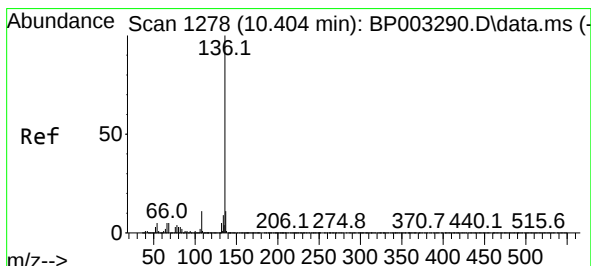
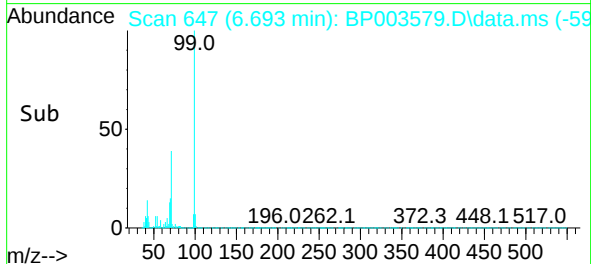
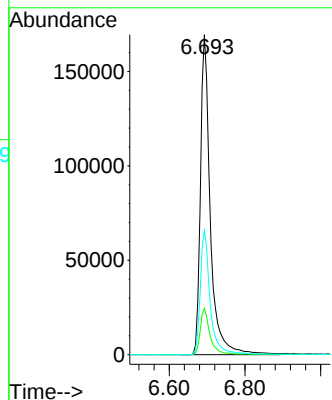
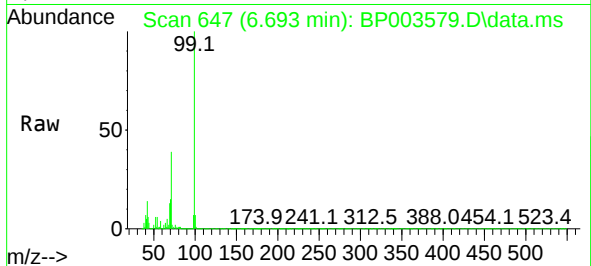




#7
Phenol-d6
Concen: 79.28 ng
RT: 6.693 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

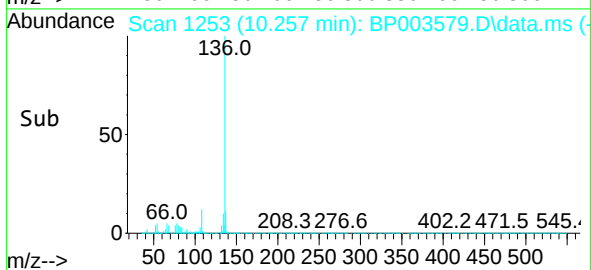
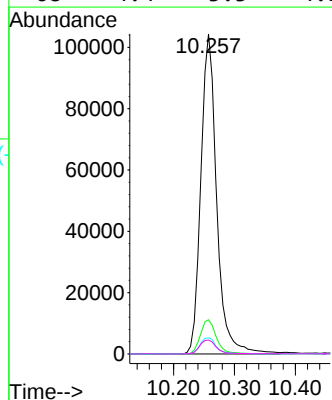
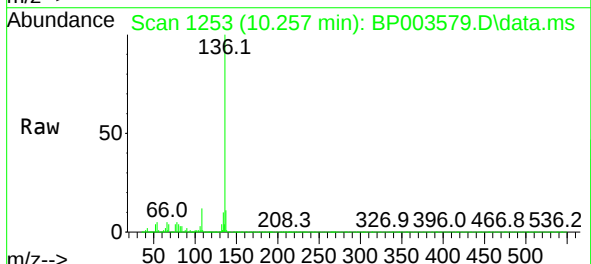
Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-0-10

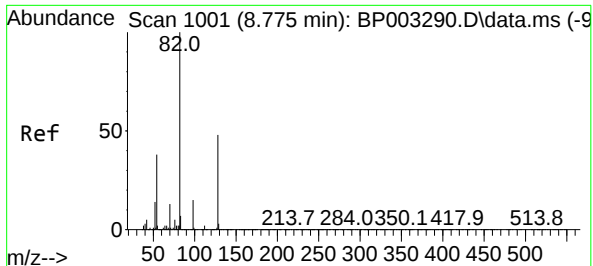
Tgt Ion: 99 Resp: 308268
Ion Ratio Lower Upper
99 100
42 14.5 8.6 13.0#
71 38.8 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.257 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

Tgt Ion: 136 Resp: 188699
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.0 3.6 5.4
68 4.4 3.3 4.9

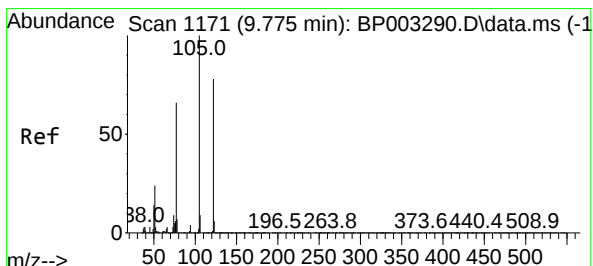
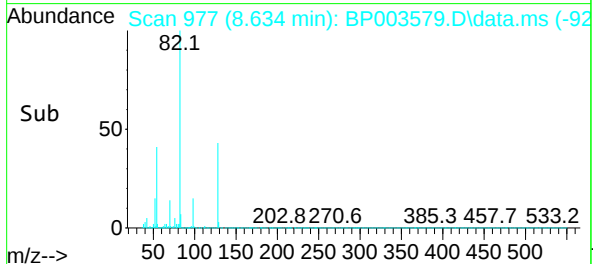
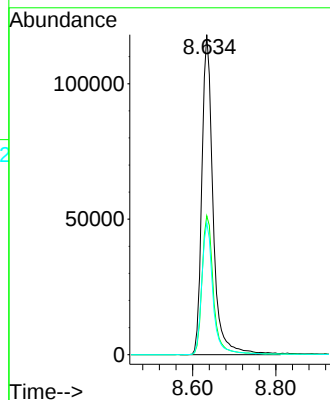
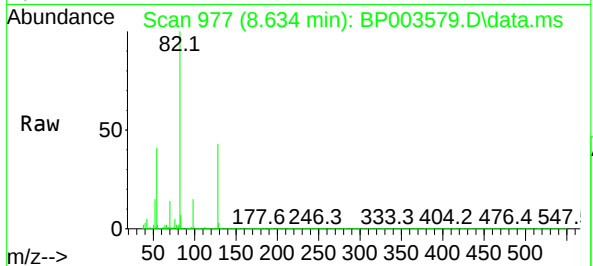




#23
Nitrobenzene-d5
Concen: 69.24 ng
RT: 8.634 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

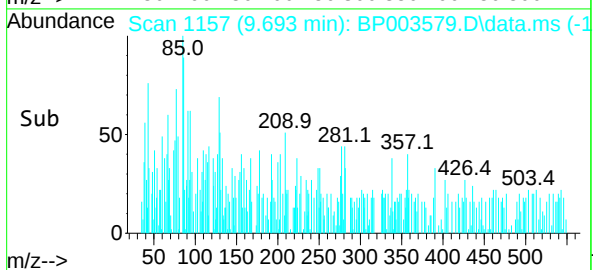
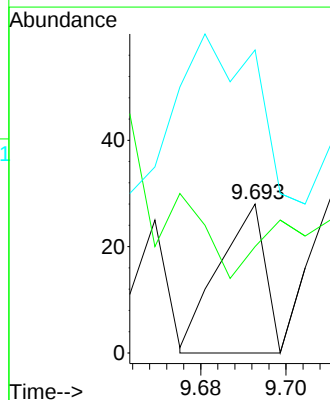
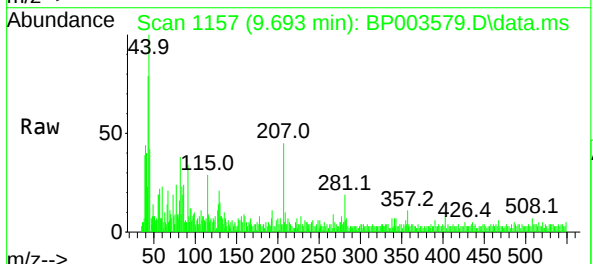
Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-0-10

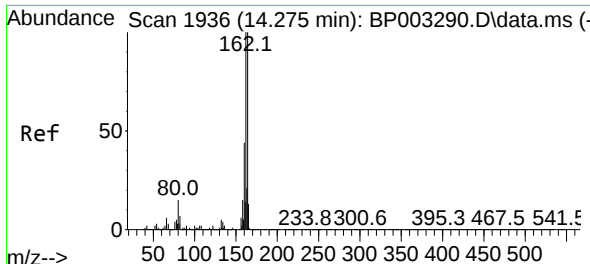
Tgt Ion: 82 Resp: 222392
Ion Ratio Lower Upper
82 100
128 43.4 45.6 68.4#
54 41.2 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.693 min Scan# 1157
Delta R.T. 0.012 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

Tgt Ion: 122 Resp: 21
Ion Ratio Lower Upper
122 100
105 46.5 94.1 134.1#
77 132.6 50.1 90.1#

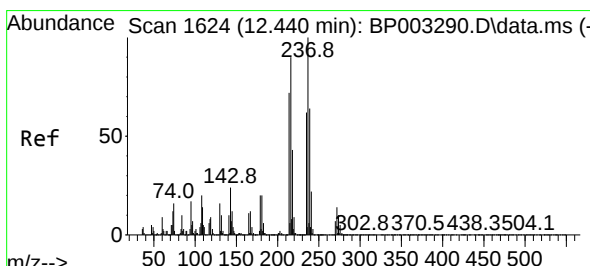
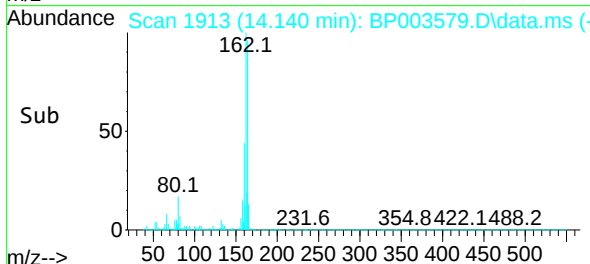
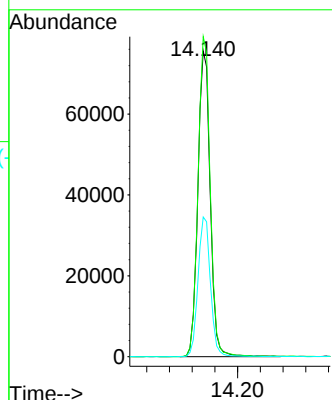
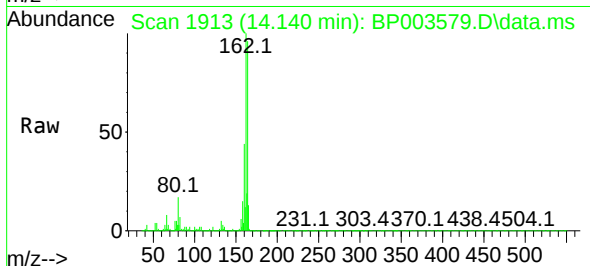




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.140 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

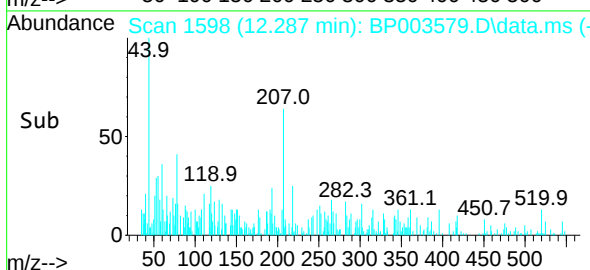
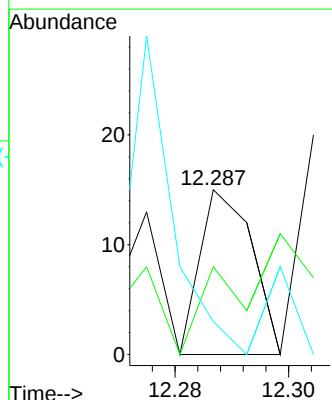
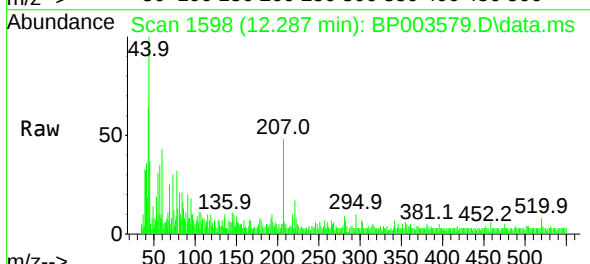
Instrument :
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ClientSampleId :
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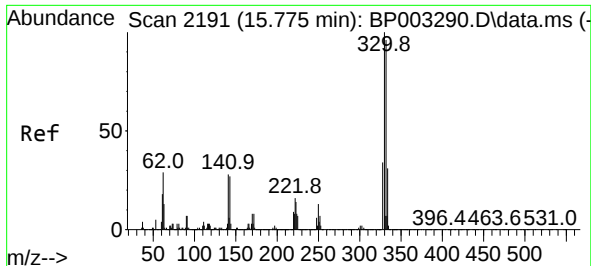
Tgt Ion:164 Resp: 114300
Ion Ratio Lower Upper
164 100
162 104.7 79.4 119.2
160 45.7 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.287 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

Tgt Ion:237 Resp: 10
Ion Ratio Lower Upper
237 100
235 53.3 43.2 83.2
272 20.0 0.0 33.3

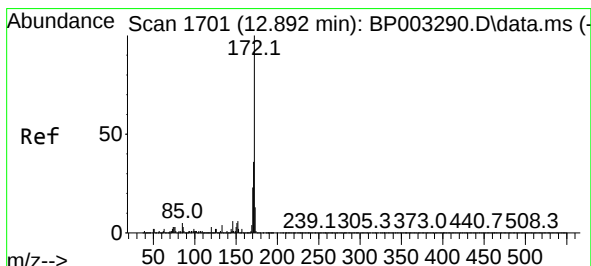
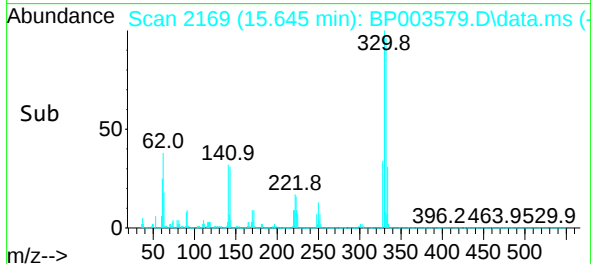
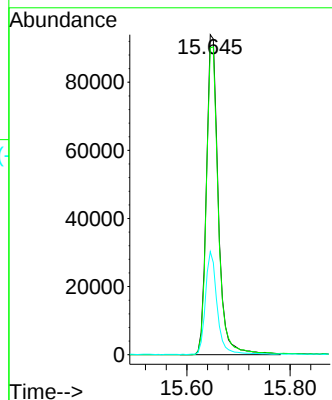
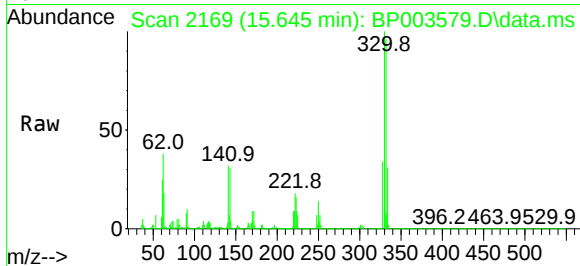




#42
2,4,6-Tribromophenol
Concen: 86.05 ng
RT: 15.645 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

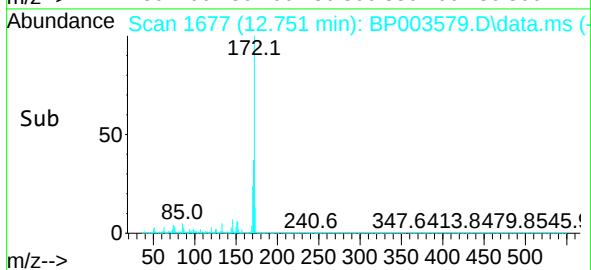
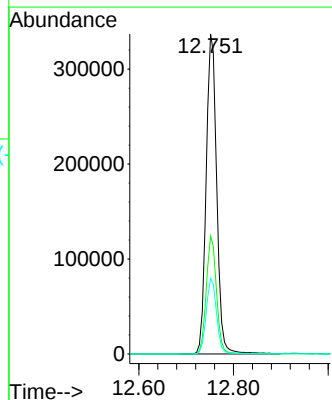
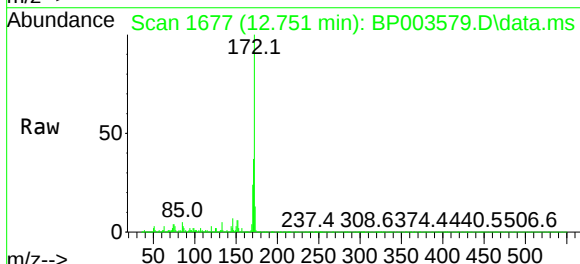
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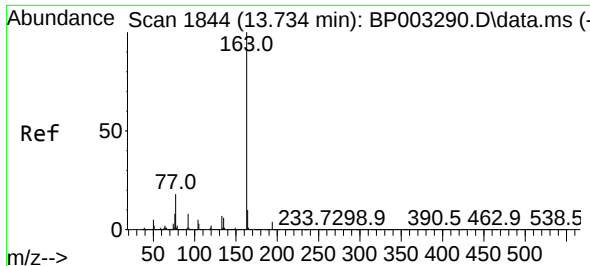
Tgt Ion:330 Resp: 150010
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 31.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 66.61 ng
RT: 12.751 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

Tgt Ion:172 Resp: 520570
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 23.7 19.2 28.8

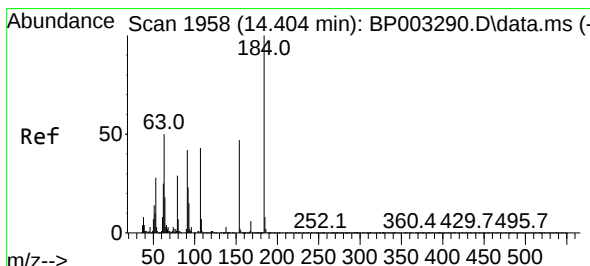
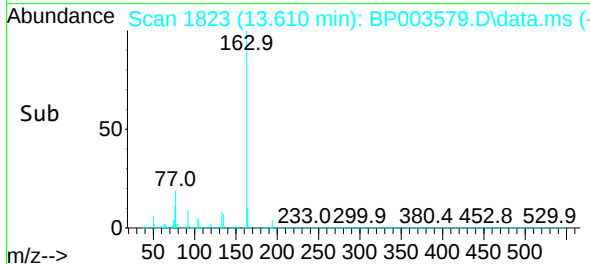
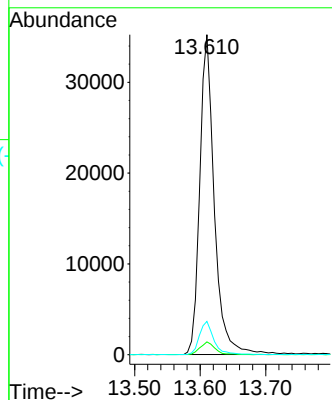
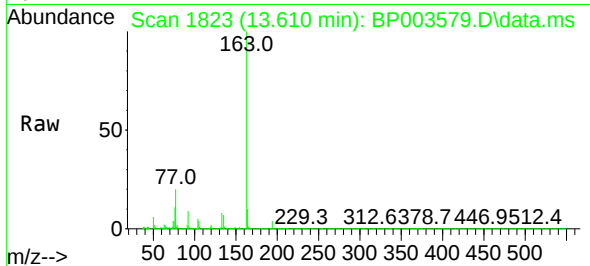




#50
Dimethylphthalate
Concen: 5.97 ng
RT: 13.610 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

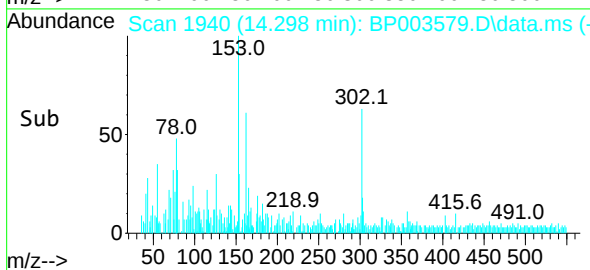
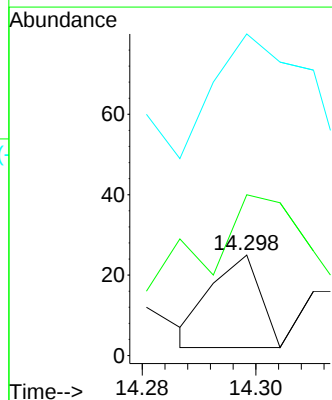
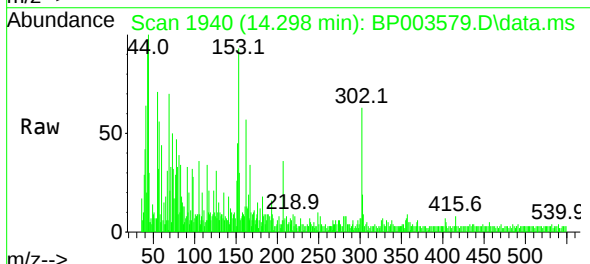
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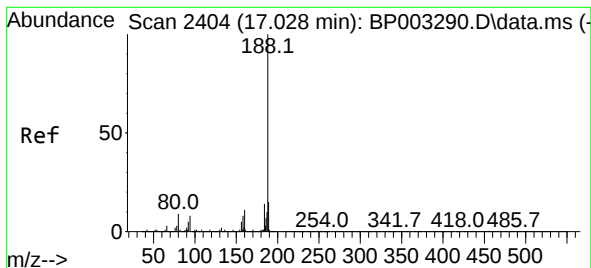
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Ion Ratio	Lower	Upper
163	100	
194	4.0	3.3 4.9
164	10.4	8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.27 ng
RT: 14.298 min Scan# 1940
Delta R.T. -0.018 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

Tgt Ion:184	Resp:	14
Ion Ratio	Lower	Upper
184	100	
63	208.0	32.3 48.5#
154	320.0	49.1 73.7#

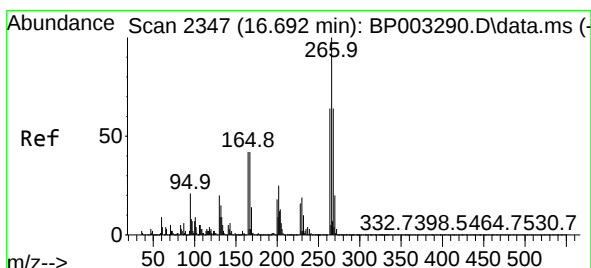
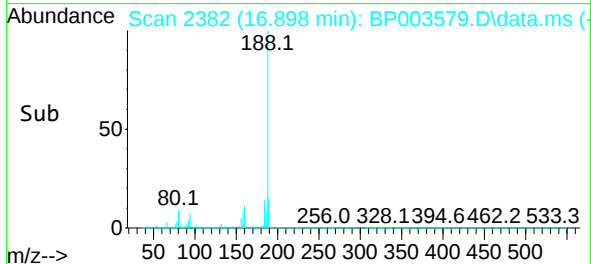
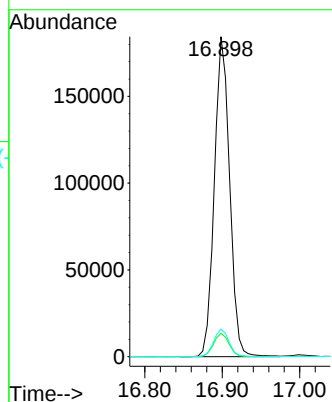
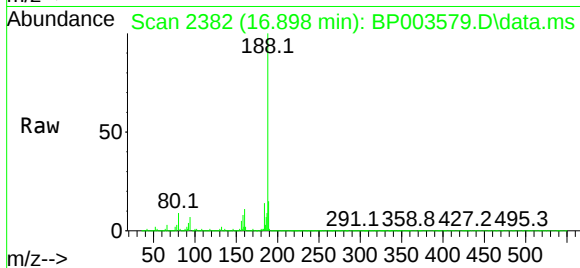




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.898 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

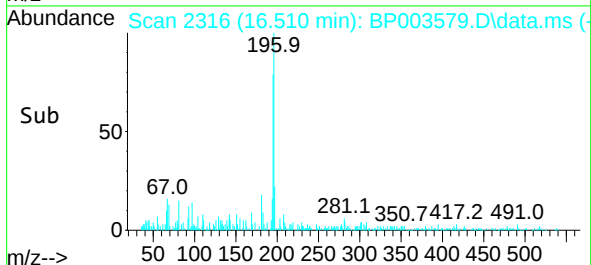
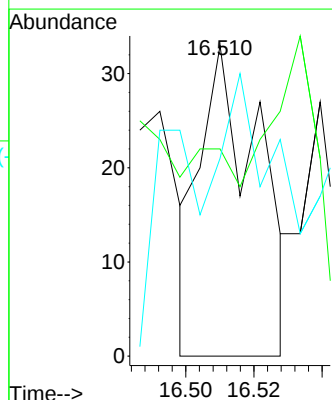
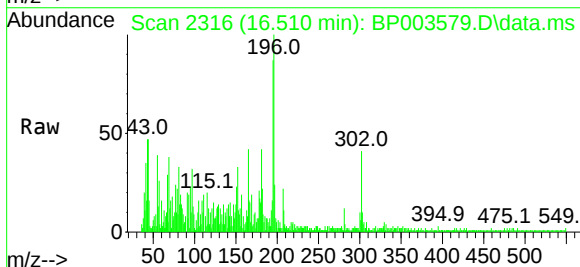
Instrument :
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PAV-B4-100620-0-10

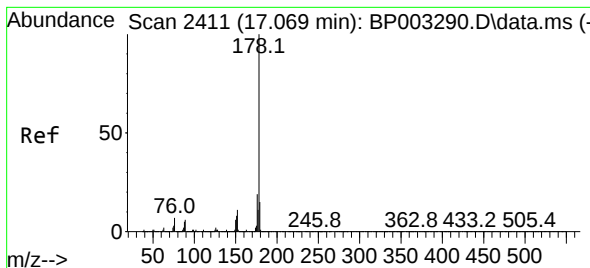
Tgt Ion:188 Resp: 252035
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.2
80 8.6 6.2 9.2



#70
Pentachlorophenol
Concen: 6.79 ng
RT: 16.510 min Scan# 2316
Delta R.T. -0.070 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

Tgt Ion:266 Resp: 39
Ion Ratio Lower Upper
266 100
268 66.7 51.1 76.7
264 63.6 50.6 76.0

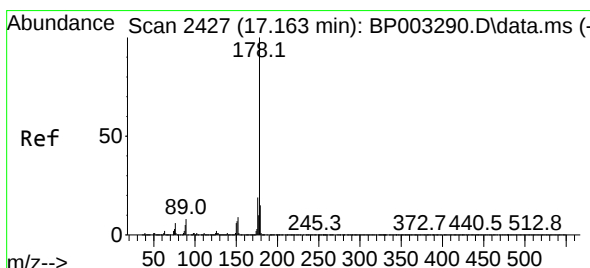
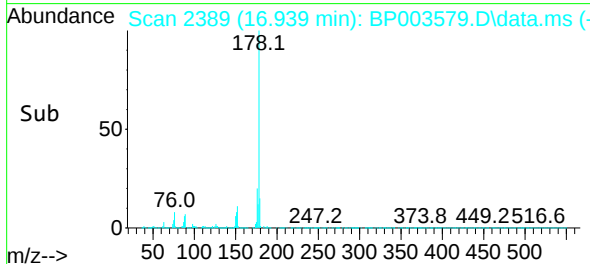
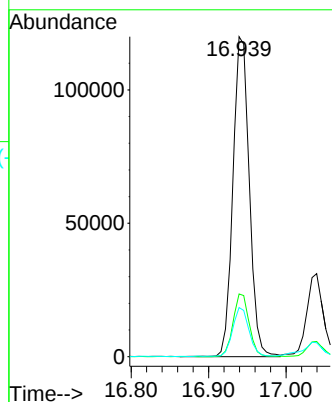
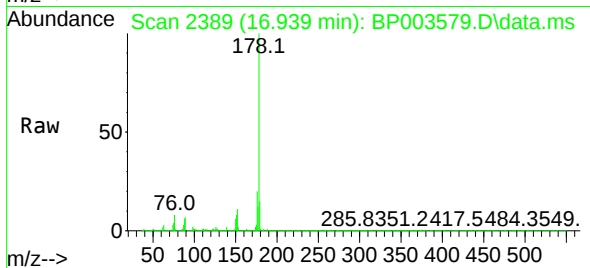




#71
Phenanthrene
Concen: 12.85 ng
RT: 16.939 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

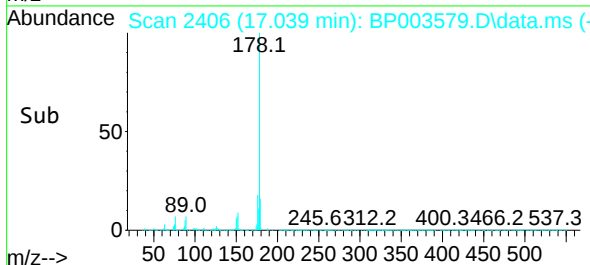
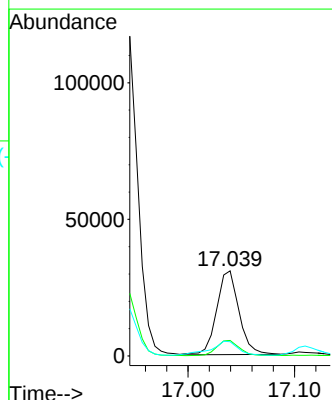
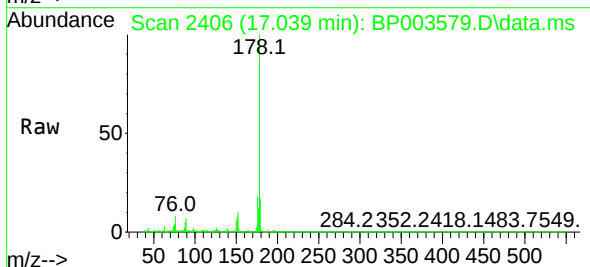
Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-0-10

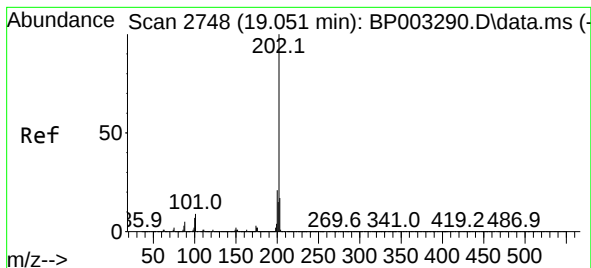
Tgt Ion:178 Resp: 176240
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.4 12.5 18.7



#72
Anthracene
Concen: 3.31 ng
RT: 17.039 min Scan# 2406
Delta R.T. 0.006 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

Tgt Ion:178 Resp: 44740
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 16.7 12.5 18.7

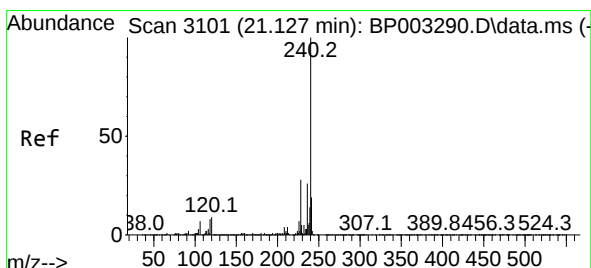
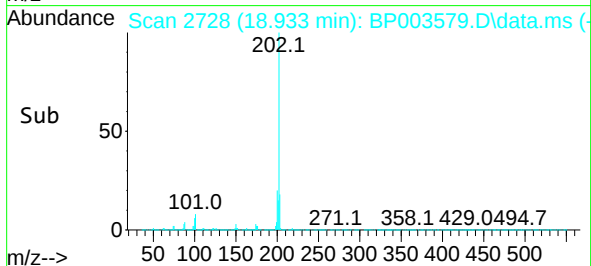
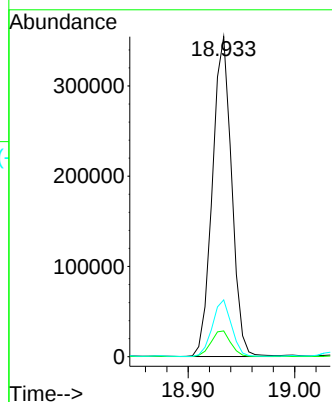
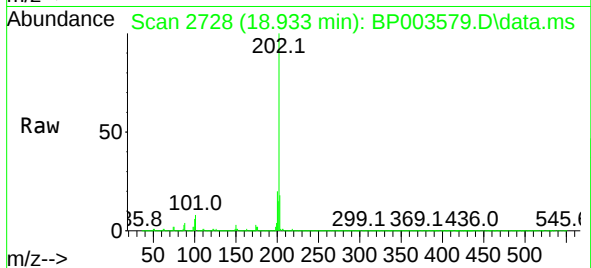




#75
Fluoranthene
Concen: 25.74 ng
RT: 18.933 min Scan# 2728
Delta R.T. 0.000 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

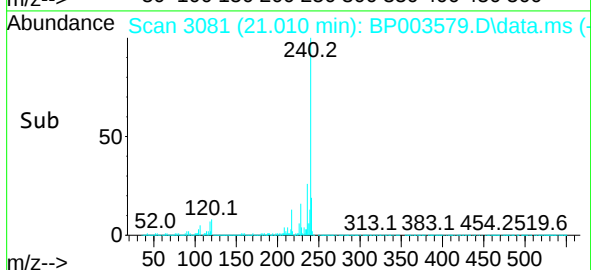
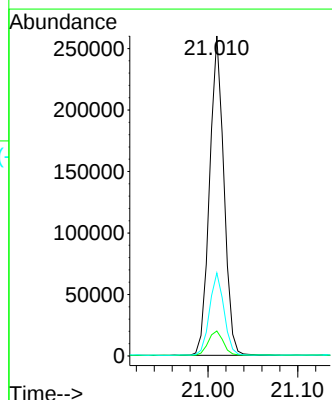
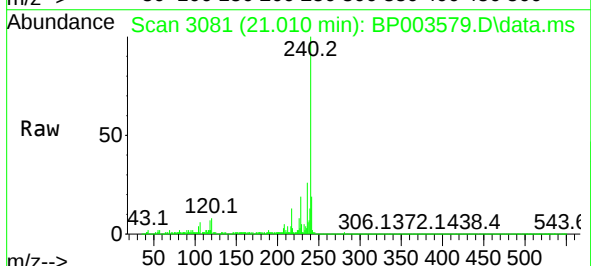
Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-0-10

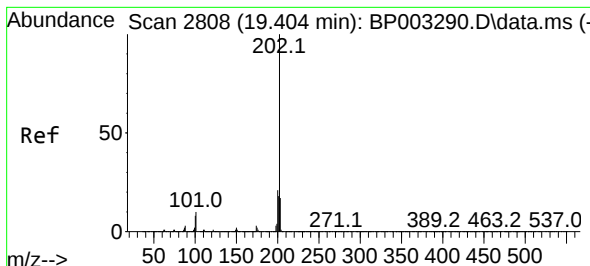
Tgt Ion:	202	Resp:	443742
Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	29.4
203	17.8	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.010 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

Tgt Ion:	240	Resp:	287523
Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.8	11.6
236	25.9	20.8	31.2





#78

Pyrene

Concen: 24.96 ng

RT: 19.286 min Scan# 2788

Delta R.T. 0.000 min

Lab File: BP003579.D

Acq: 08 Oct 2020 19:31

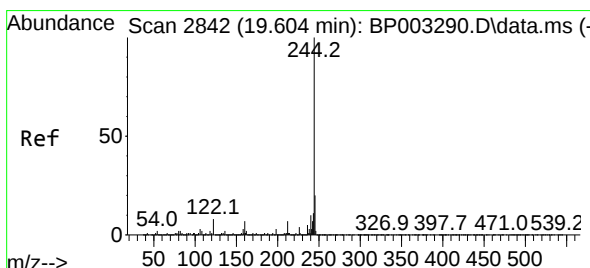
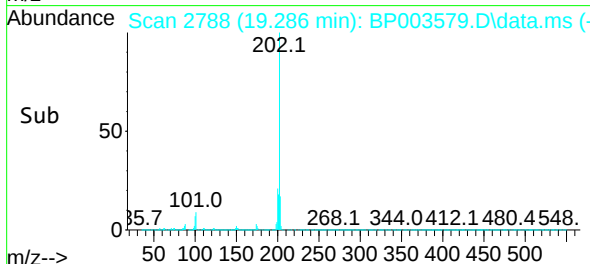
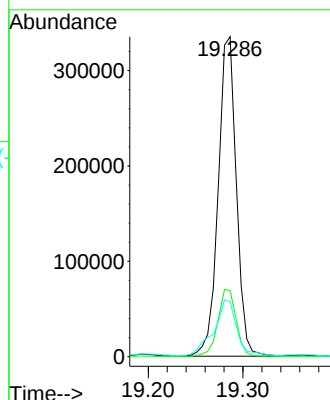
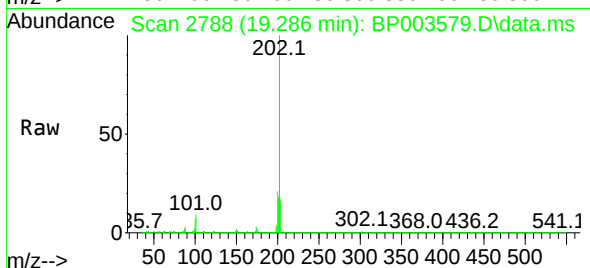
Instrument :

BNA_P

ClientSampleId :

PAV-B4-100620-0-10

Tgt Ion:202	Resp: 447616
Ion Ratio	Lower Upper
202 100	
200 20.7	17.1 25.7
203 17.2	14.2 21.2



#79

Terphenyl-d14

Concen: 60.35 ng

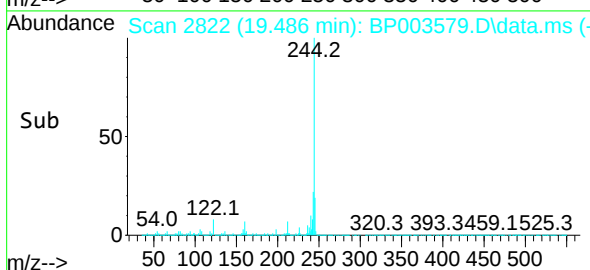
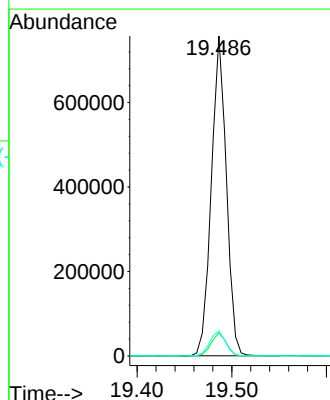
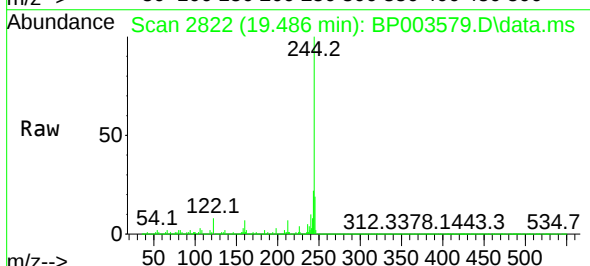
RT: 19.486 min Scan# 2822

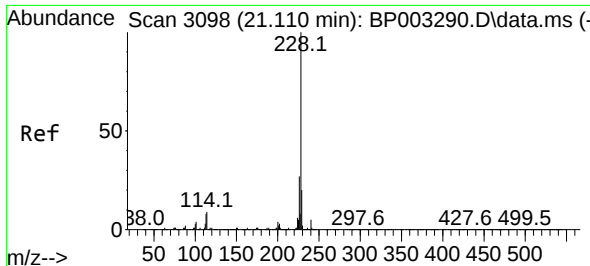
Delta R.T. 0.000 min

Lab File: BP003579.D

Acq: 08 Oct 2020 19:31

Tgt Ion:244	Resp: 832824
Ion Ratio	Lower Upper
244 100	
212 7.2	5.8 8.6
122 7.8	7.8 11.8

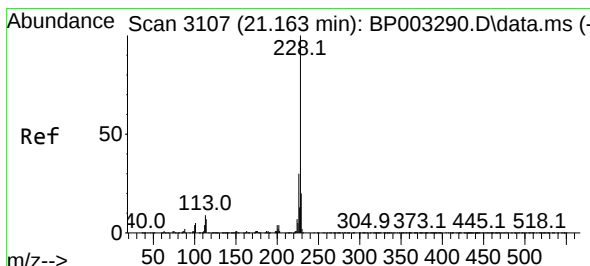
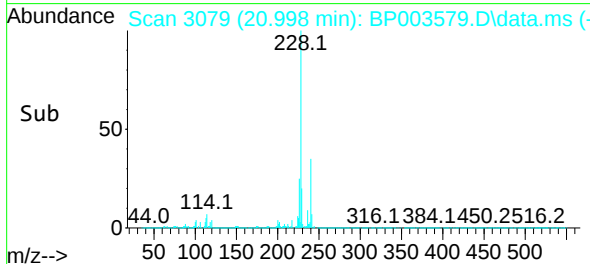
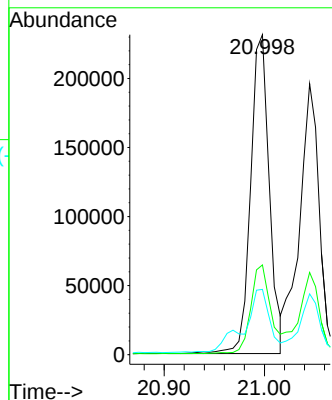
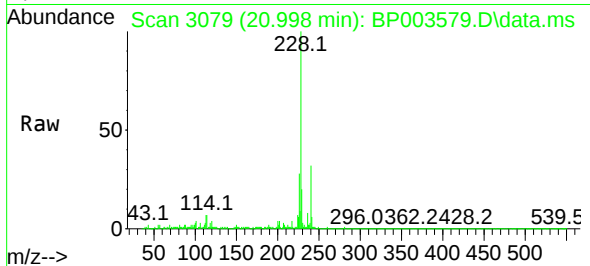




#81
Benzo(a)anthracene
Concen: 16.06 ng
RT: 20.998 min Scan# 3079
Delta R.T. 0.000 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

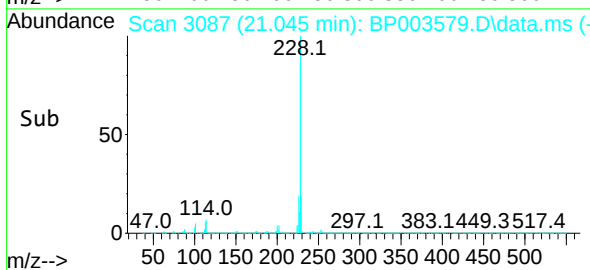
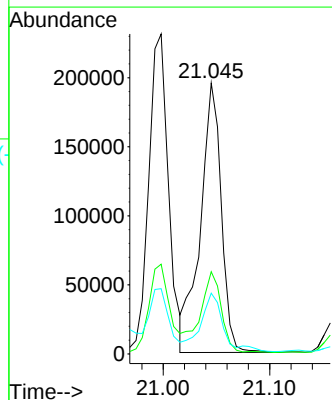
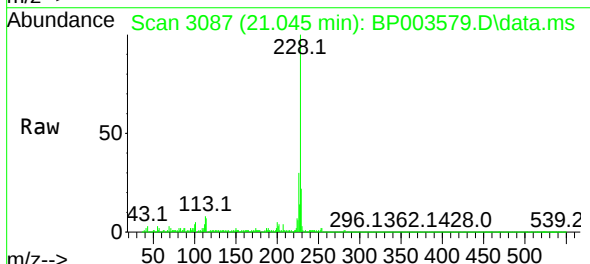
Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-0-10

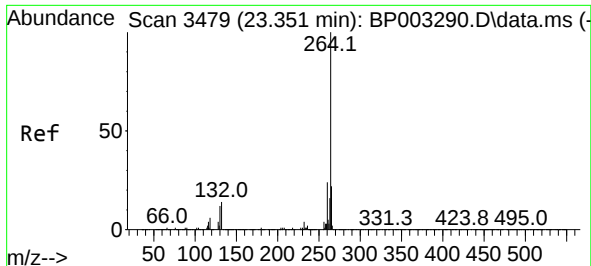
Tgt Ion:228 Resp: 298424
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 20.4 15.9 23.9



#83
Chrysene
Concen: 14.94 ng
RT: 21.045 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

Tgt Ion:228 Resp: 266791
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 22.4 15.8 23.6

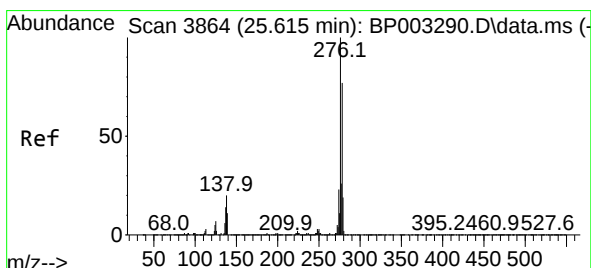
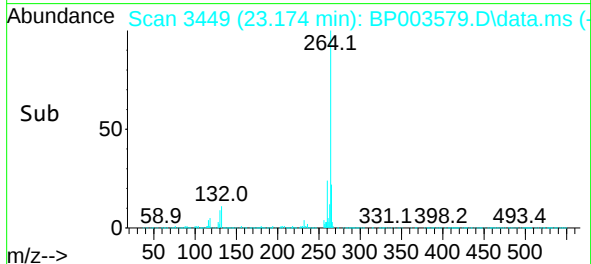
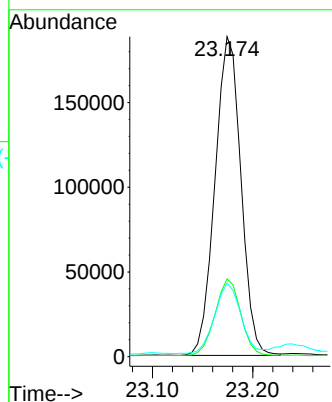
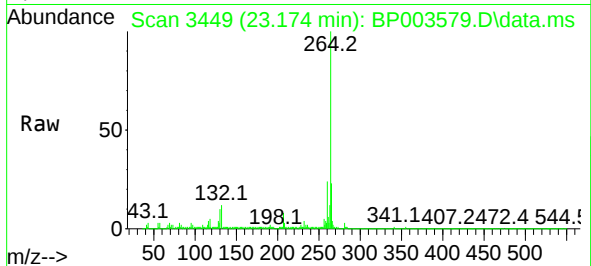




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.174 min Scan# 3449
Delta R.T. 0.000 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

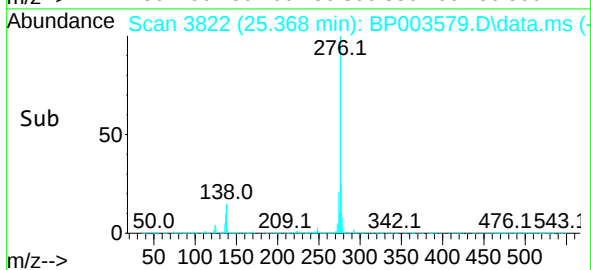
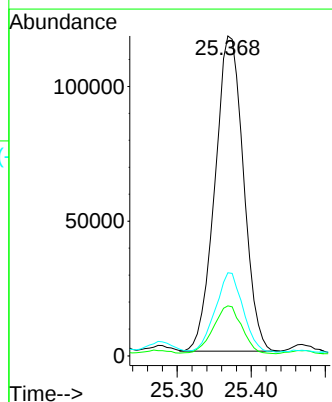
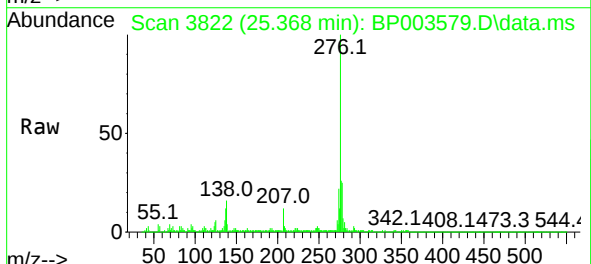
Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-0-10

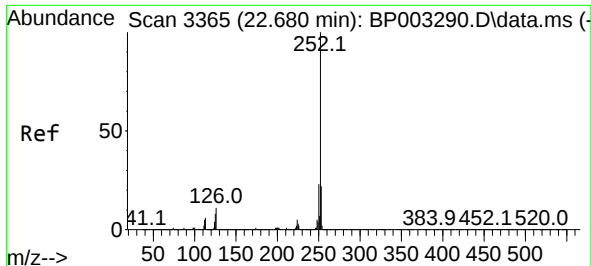
Tgt Ion:264 Resp: 337483
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 23.0 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 12.23 ng
RT: 25.368 min Scan# 3822
Delta R.T. 0.000 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

Tgt Ion:276 Resp: 312730
Ion Ratio Lower Upper
276 100
138 15.3 18.7 28.1#
277 24.4 20.4 30.6

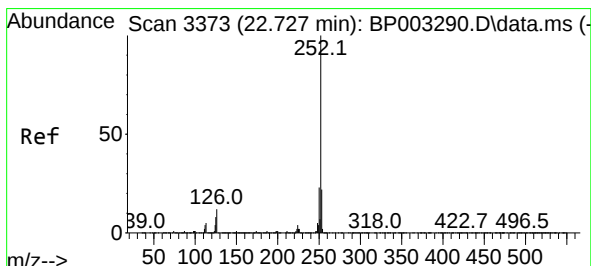
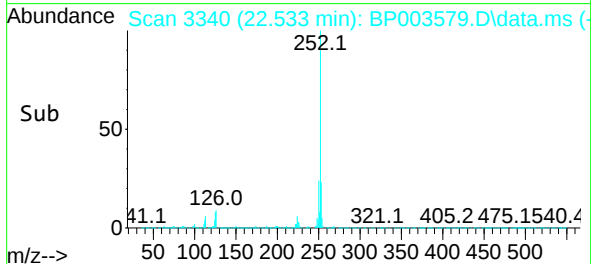
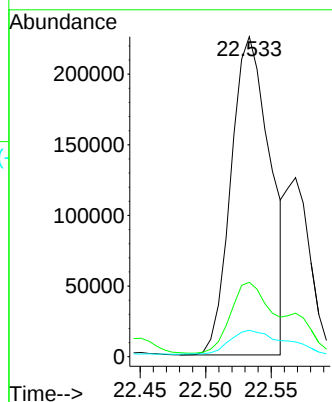
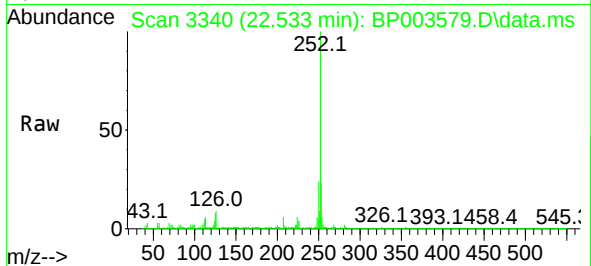




#88
Benzo(b)fluoranthene
Concen: 21.94 ng
RT: 22.533 min Scan# 3340
Delta R.T. 0.006 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

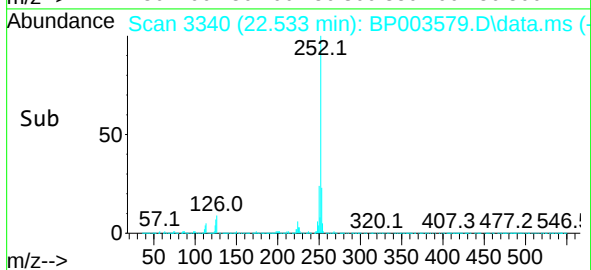
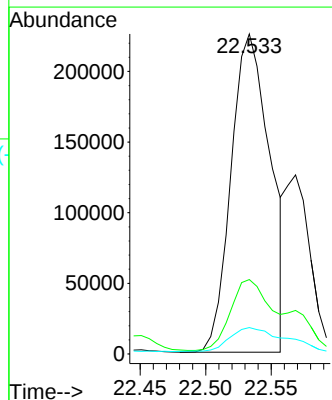
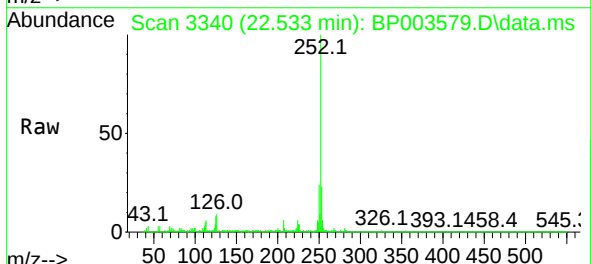
Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-0-10

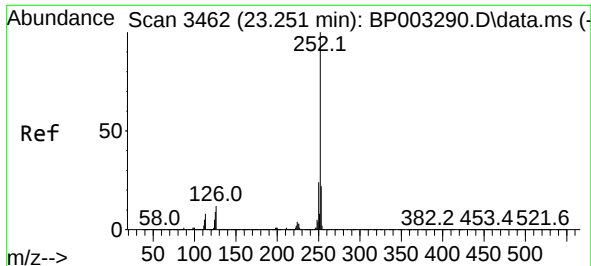
Tgt Ion:252 Resp: 467664
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 8.2 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 22.90 ng
RT: 22.533 min Scan# 3340
Delta R.T. -0.035 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

Tgt Ion:252 Resp: 467664
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 8.2 7.4 11.2

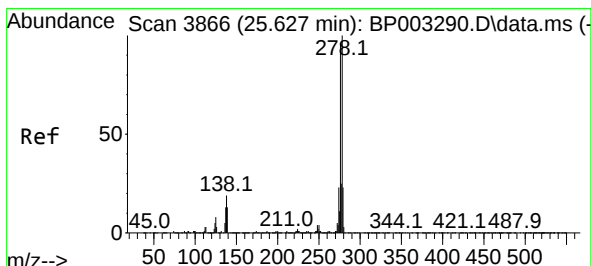
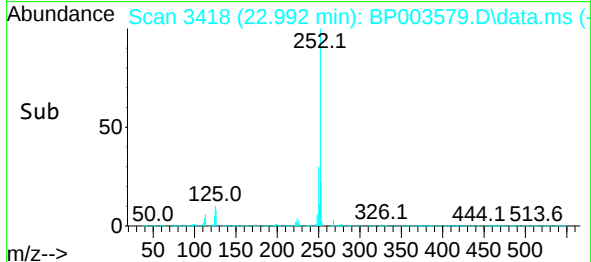
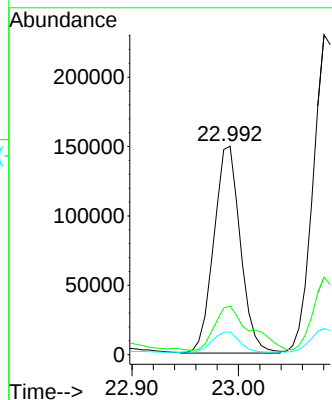
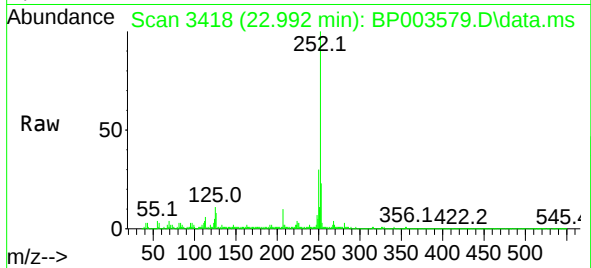




#90
Benzo(a)pyrene
Concen: 12.85 ng
RT: 22.992 min Scan# 3418
Delta R.T. -0.088 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

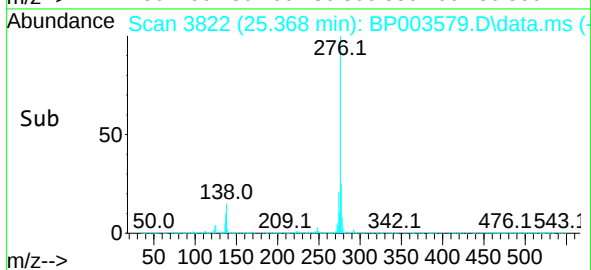
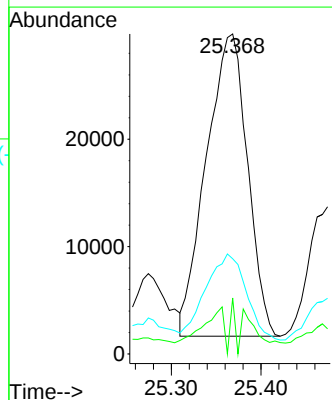
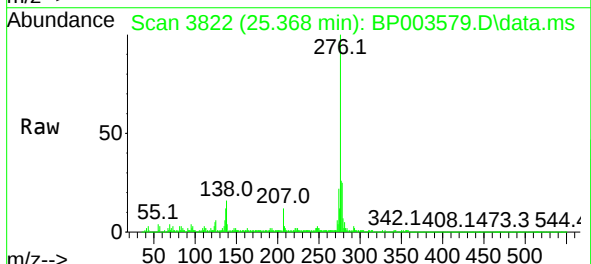
Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-0-10

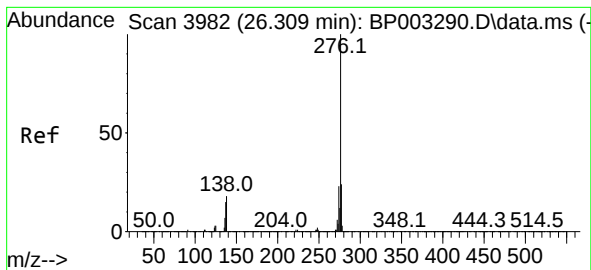
Tgt Ion:252 Resp: 258274
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 10.9 8.2 12.4



#91
Dibenzo(a,h)anthracene
Concen: 4.25 ng
RT: 25.368 min Scan# 3822
Delta R.T. 0.000 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

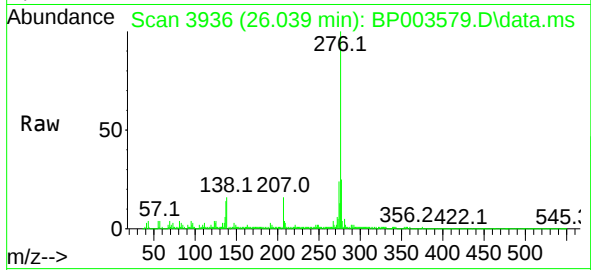
Tgt Ion:278 Resp: 89673
Ion Ratio Lower Upper
278 100
139 17.5 12.4 18.6
279 29.7 19.0 28.6#





#92
Benzo(g,h,i)perylene
Concen: 14.70 ng
RT: 26.039 min Scan# 3936
Delta R.T. 0.006 min
Lab File: BP003579.D
Acq: 08 Oct 2020 19:31

Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-0-10



Tgt Ion: 276 Resp: 309701
Ion Ratio Lower Upper
276 100
277 25.0 19.0 28.6
138 15.8 16.6 24.8#

