

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
 Data File : BP003581.D
 Acq On : 08 Oct 2020 20:39
 Operator : CG/JU
 Sample : L4242-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B24-100120-DP

Quant Time: Oct 09 01:59:57 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)

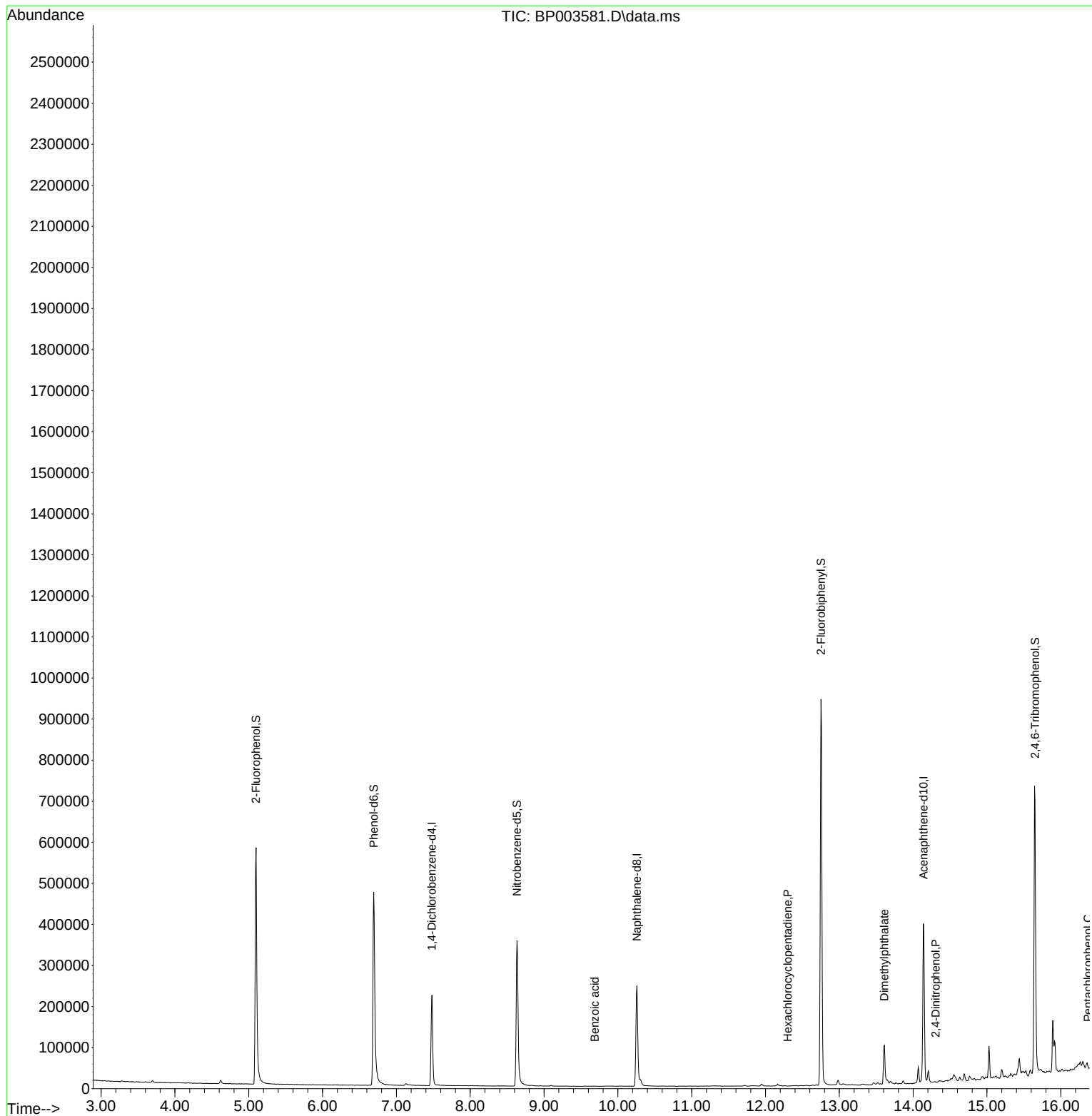
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	59941	20.00	ng	0.00
21) Naphthalene-d8	10.258	136	216793	20.00	ng	0.00
39) Acenaphthene-d10	14.140	164	126199	20.00	ng	0.00
64) Phenanthrene-d10	16.898	188	266489	20.00	ng	0.00
76) Chrysene-d12	21.010	240	322964	20.00	ng	0.00
86) Perylene-d12	23.180	264	360030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.099	112	282378	82.26	ng	0.00
7) Phenol-d6	6.693	99	320210	69.98	ng	0.00
23) Nitrobenzene-d5	8.634	82	234009	63.41	ng	0.00
42) 2,4,6-Tribromophenol	15.651	330	151736	78.83	ng	0.00
45) 2-Fluorobiphenyl	12.752	172	502559	58.24	ng	0.00
79) Terphenyl-d14	19.486	244	785404	50.67	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.687	122	8	9.16	ng	# 14
41) Hexachlorocyclopentadiene	12.299	237	11	6.85	ng	80
50) Dimethylphthalate	13.610	163	66699	6.62	ng	99
54) 2,4-Dinitrophenol	14.304	184	10	7.26	ng	# 1
70) Pentachlorophenol	16.369	266	35	6.79	ng	92
71) Phenanthrene	16.940	178	140476	9.69	ng	99
72) Anthracene	17.034	178	36211	2.53	ng	98
75) Fluoranthene	18.934	202	269207	14.77	ng	98
78) Pyrene	19.286	202	292366	14.52	ng	99
81) Benzo(a)anthracene	20.998	228	172157	8.25	ng	95
83) Chrysene	20.998	228	172157	8.58	ng	95
87) Indeno(1,2,3-cd)pyrene	25.380	276	159897	5.86	ng	# 90
88) Benzo(b)fluoranthene	22.533	252	340946	15.00	ng	97
89) Benzo(k)fluoranthene	22.533	252	340946	15.65	ng	97
90) Benzo(a)pyrene	23.086	252	224266	10.46	ng	94
91) Dibenzo(a,h)anthracene	25.374	278	46324	2.06	ng	# 77
92) Benzo(g,h,i)perylene	26.057	276	205998	9.16	ng	# 92

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

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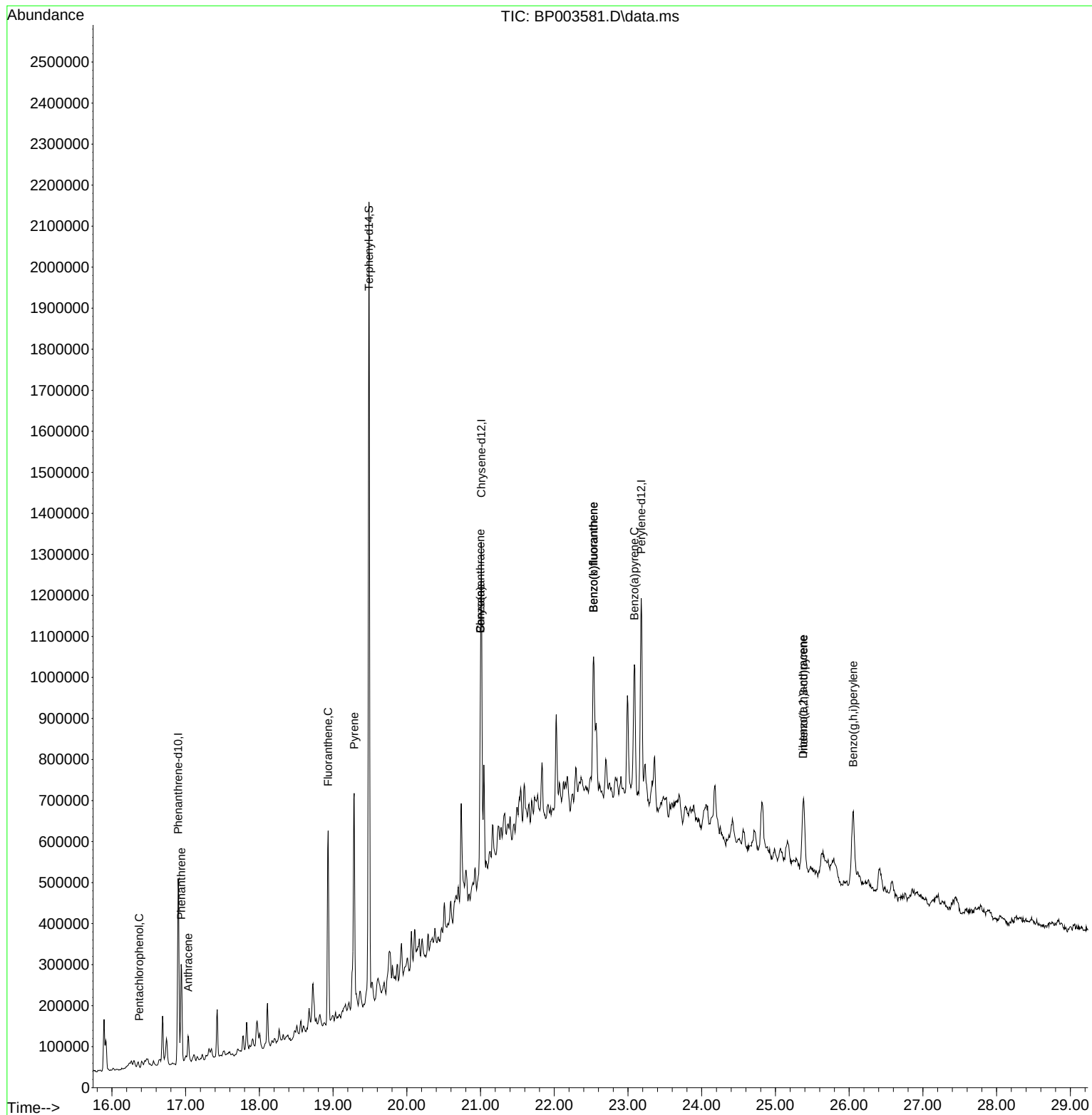
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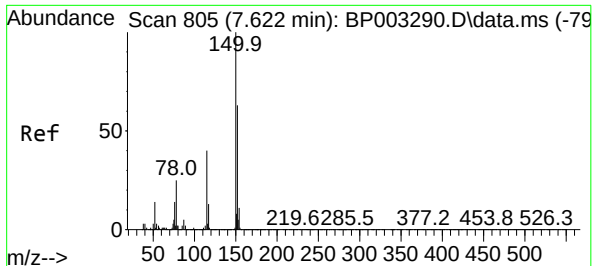


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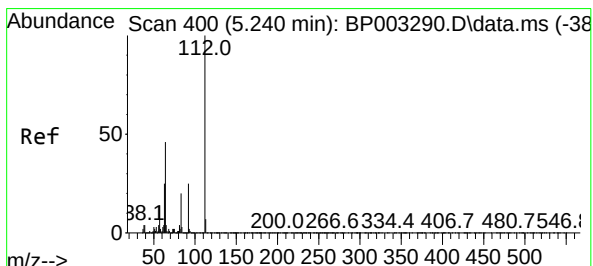
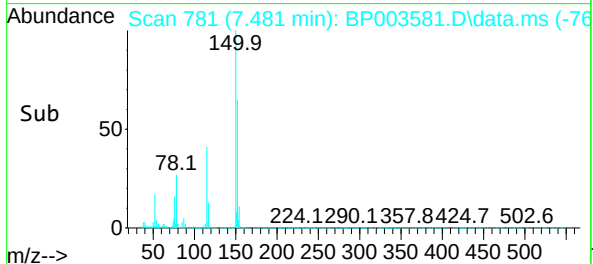
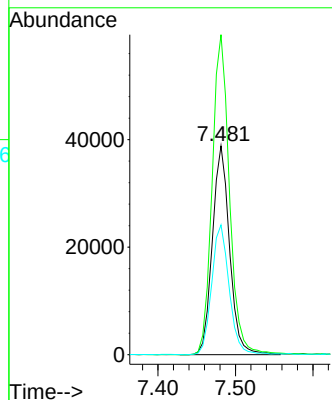
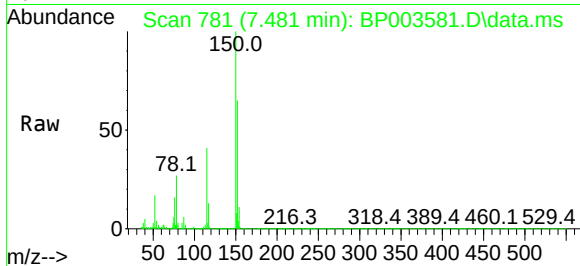




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

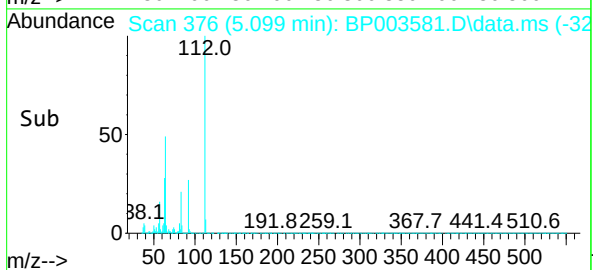
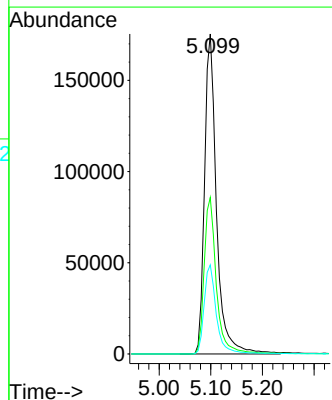
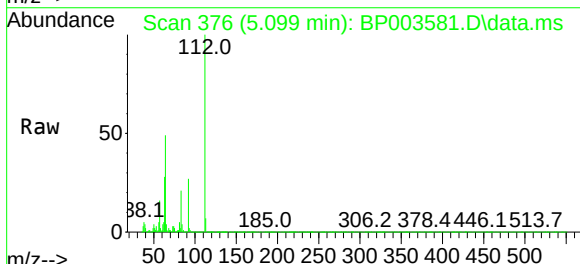
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-DP

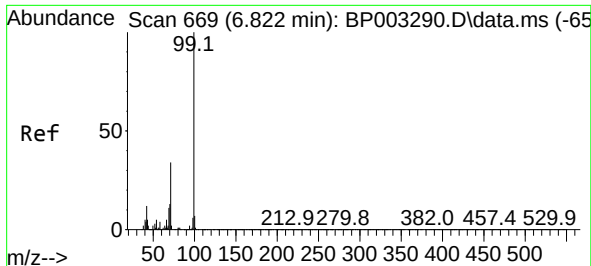
Tgt Ion:152 Resp: 59941
Ion Ratio Lower Upper
152 100
150 153.3 123.8 185.6
115 62.2 43.8 65.6



#5
2-Fluorophenol
Concen: 82.26 ng
RT: 5.099 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion:112 Resp: 282378
Ion Ratio Lower Upper
112 100
64 48.9 32.8 49.2
63 27.8 17.0 25.4#

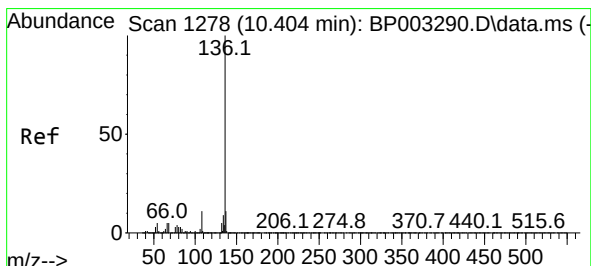
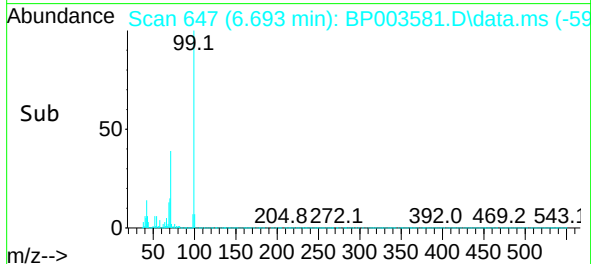
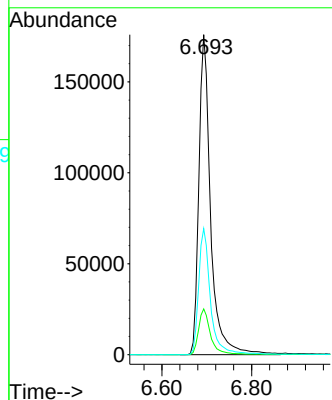
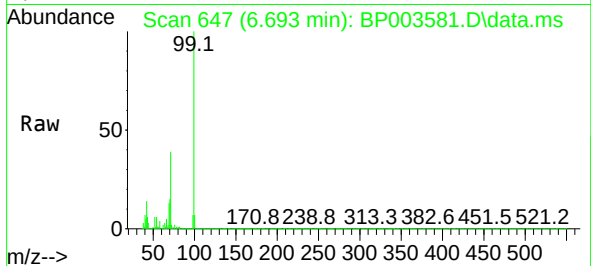




#7
Phenol-d6
Concen: 69.98 ng
RT: 6.693 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

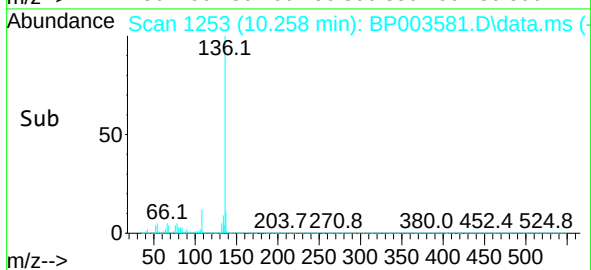
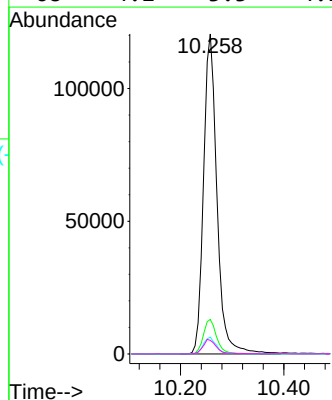
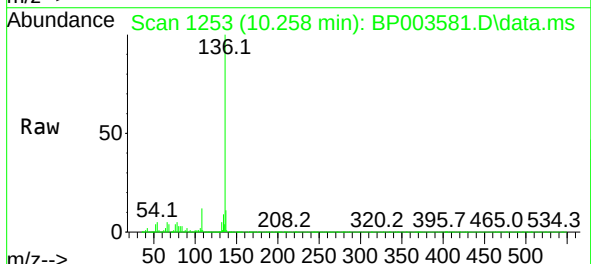
Instrument :
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ClientSampleId :
PAV-B24-100120-DP

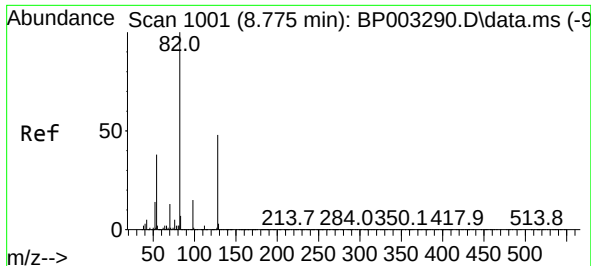
Tgt Ion: 99 Resp: 320210
Ion Ratio Lower Upper
99 100
42 14.3 8.6 13.0#
71 39.4 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.258 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion: 136 Resp: 216793
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.2 3.6 5.4
68 4.2 3.3 4.9

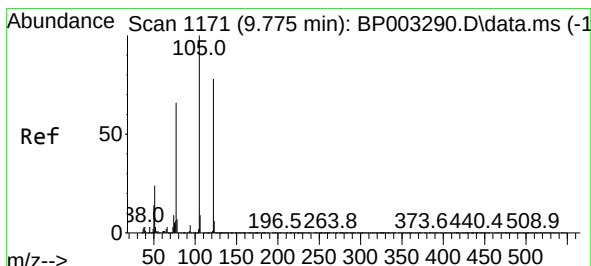
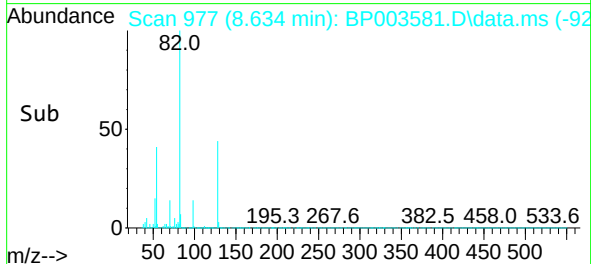
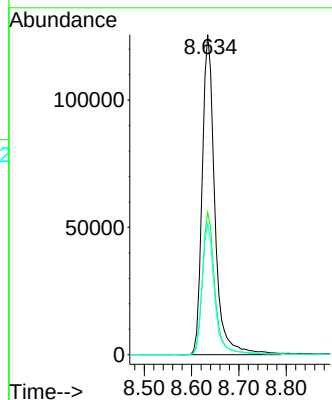
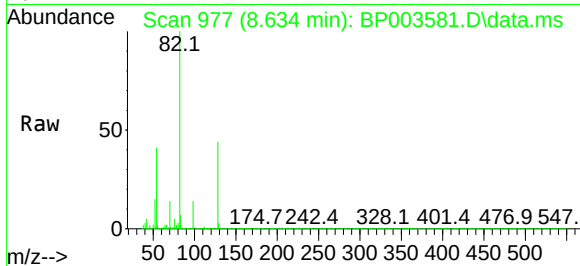




#23
Nitrobenzene-d5
Concen: 63.41 ng
RT: 8.634 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

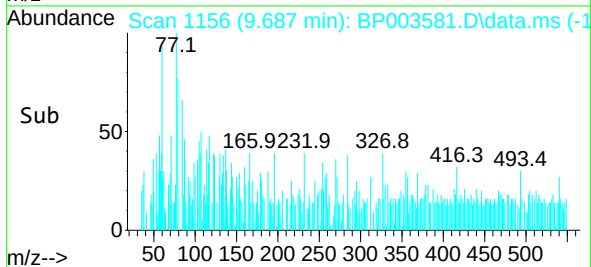
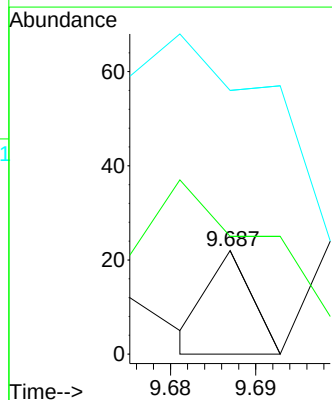
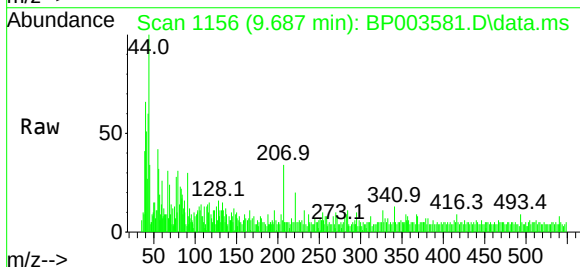
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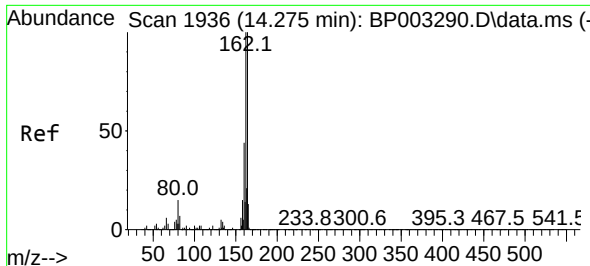
Tgt Ion: 82 Resp: 234009
Ion Ratio Lower Upper
82 100
128 44.4 45.6 68.4#
54 40.9 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.687 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion: 122 Resp: 8
Ion Ratio Lower Upper
122 100
105 113.6 94.1 134.1
77 254.5 50.1 90.1#

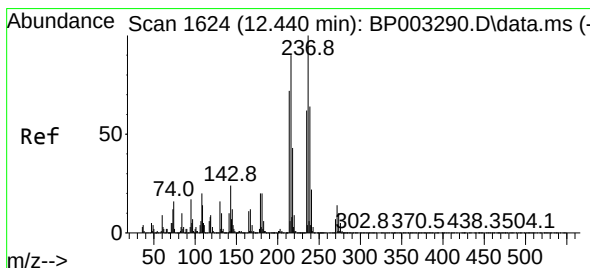
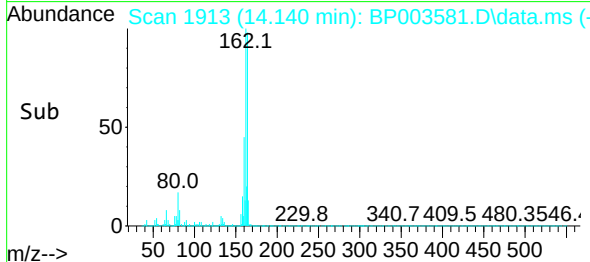
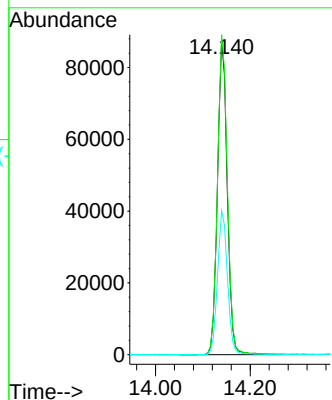
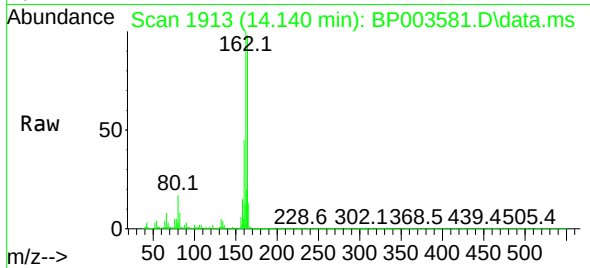




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.140 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

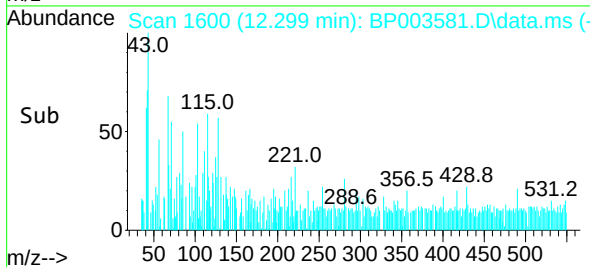
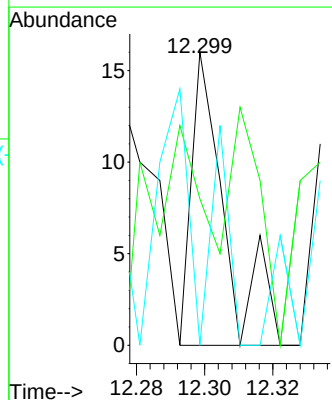
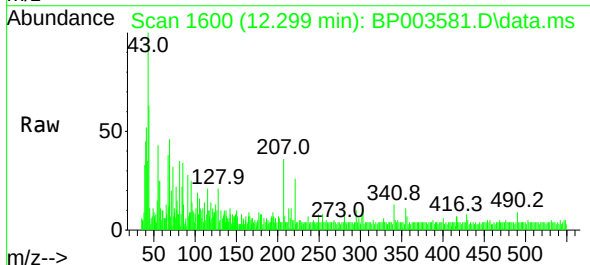
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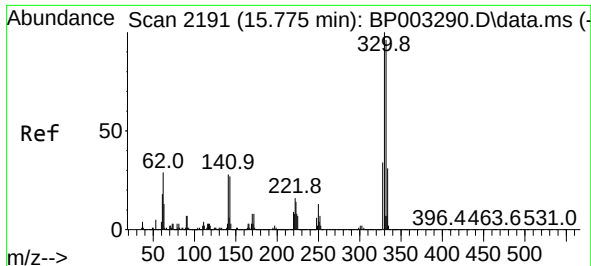
Tgt Ion:164 Resp: 126199
Ion Ratio Lower Upper
164 100
162 101.6 79.4 119.2
160 45.7 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.299 min Scan# 1600
Delta R.T. 0.006 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion:237 Resp: 11
Ion Ratio Lower Upper
237 100
235 50.0 43.2 83.2
272 0.0 0.0 33.3

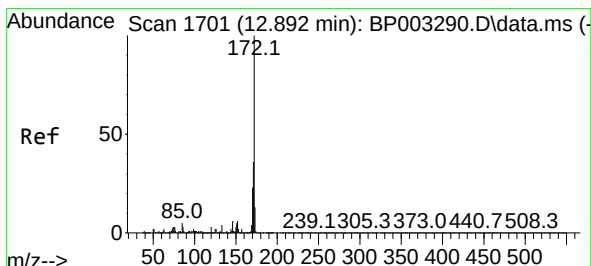
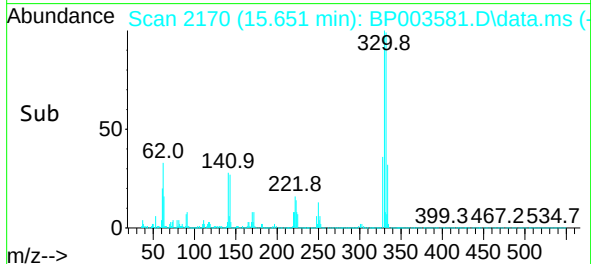
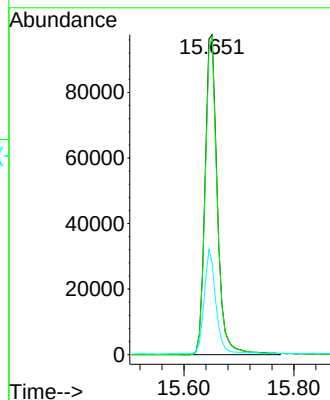
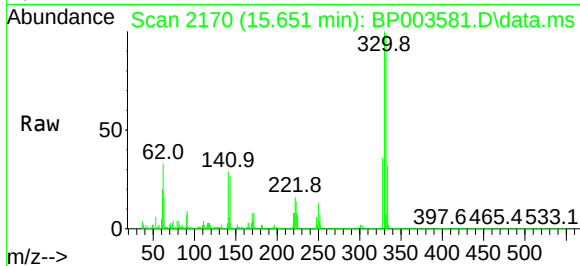




#42
2,4,6-Tribromophenol
Concen: 78.83 ng
RT: 15.651 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

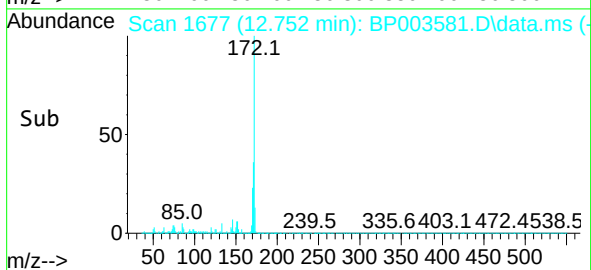
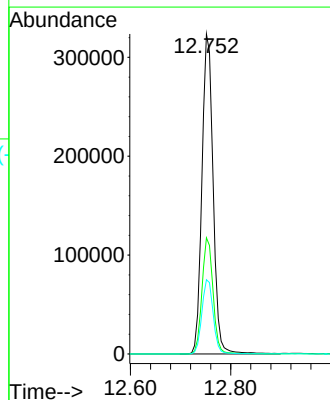
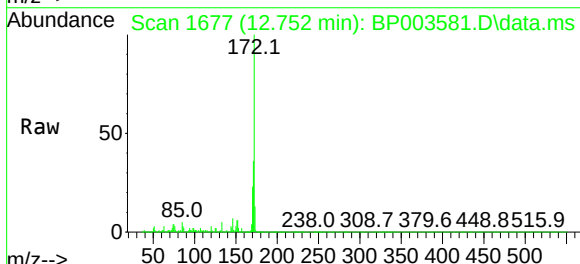
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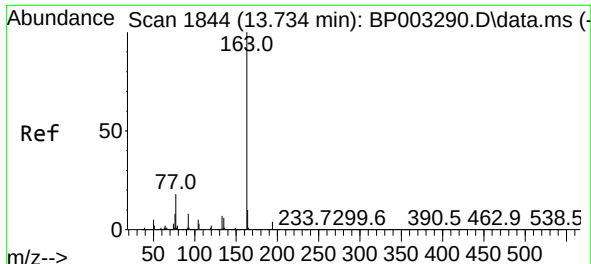
Tgt Ion:330 Resp: 151736
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 30.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 58.24 ng
RT: 12.752 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion:172 Resp: 502559
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 23.2 19.2 28.8

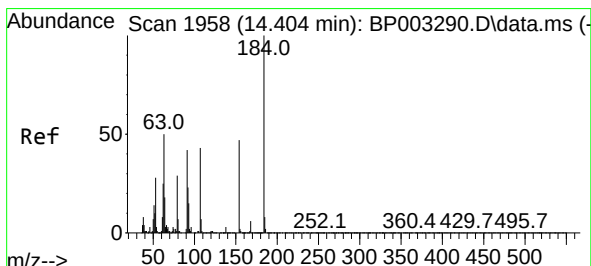
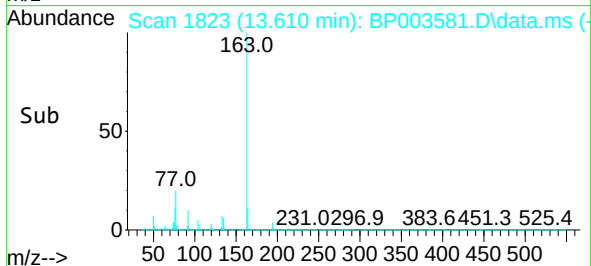
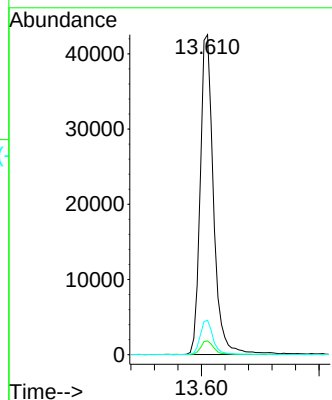
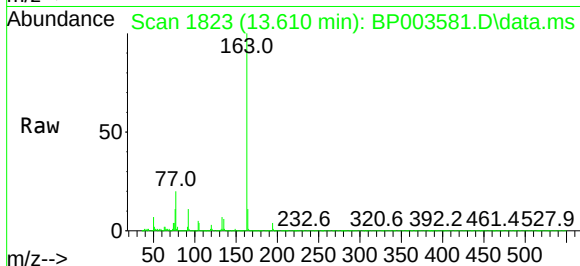




#50
Dimethylphthalate
Concen: 6.62 ng
RT: 13.610 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

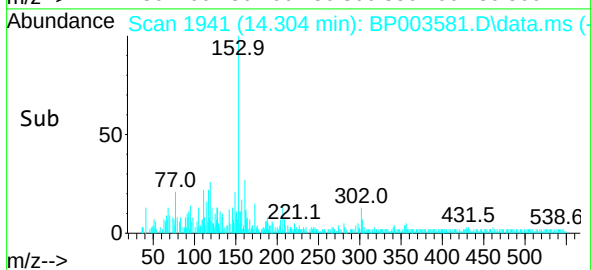
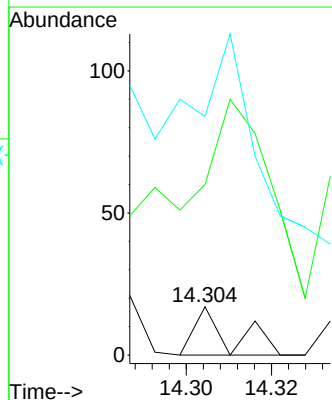
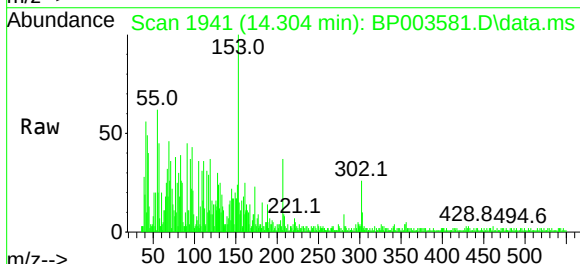
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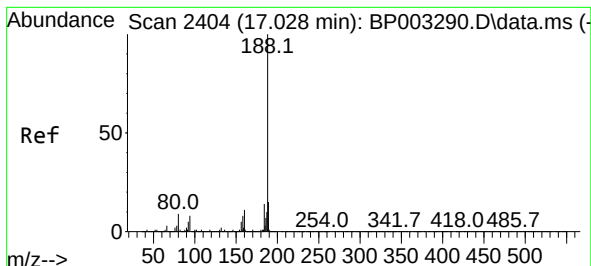
Tgt Ion:163 Resp: 66699
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.8 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.304 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 240.0 32.3 48.5#
154 336.0 49.1 73.7#

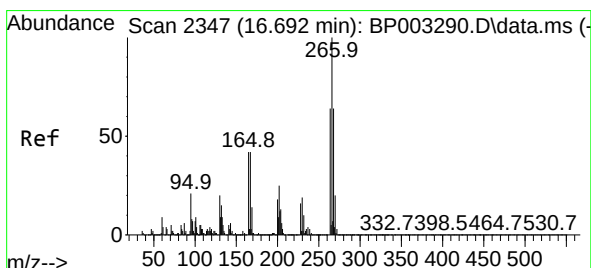
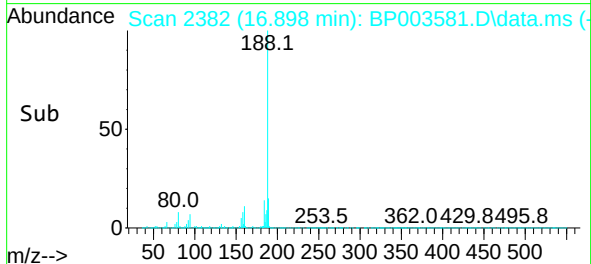
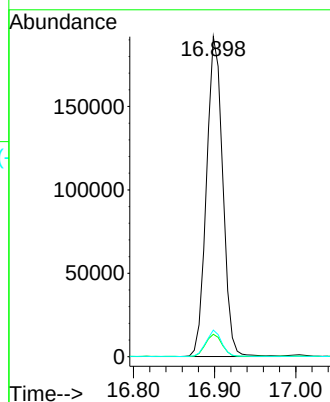
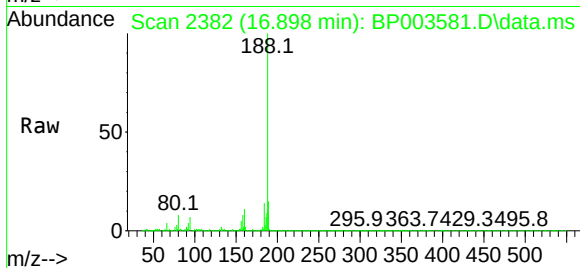




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.898 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

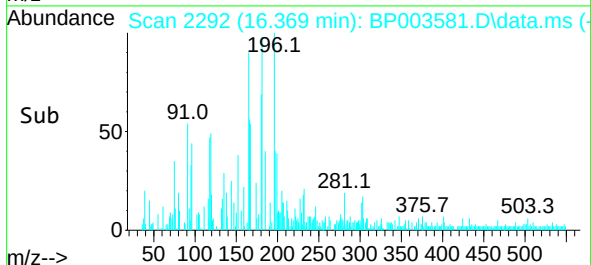
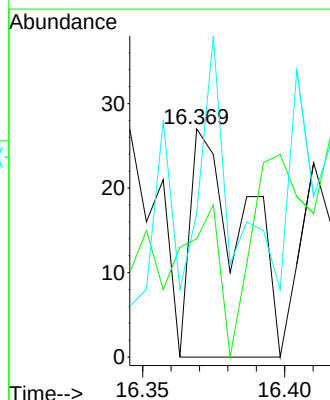
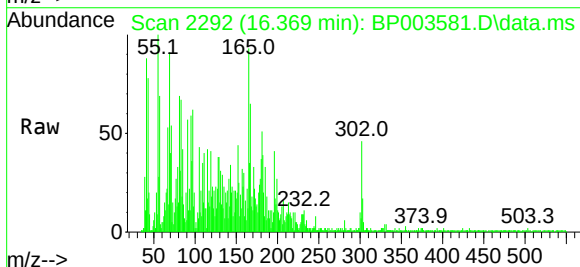
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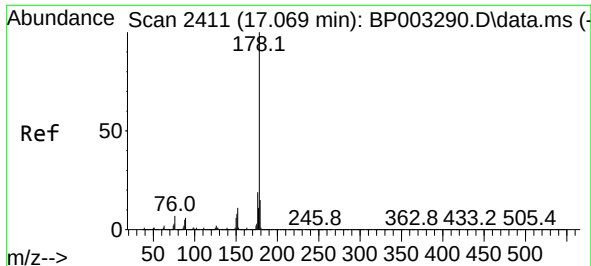
Tgt Ion:188	Resp:	266489
Ion Ratio	Lower	Upper
188	100	
94	7.0	6.2 9.2
80	8.3	6.2 9.2



#70
Pentachlorophenol
Concen: 6.79 ng
RT: 16.369 min Scan# 2292
Delta R.T. -0.212 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion:266	Resp:	35
Ion Ratio	Lower	Upper
266	100	
268	51.9	51.1 76.7
264	63.0	50.6 76.0

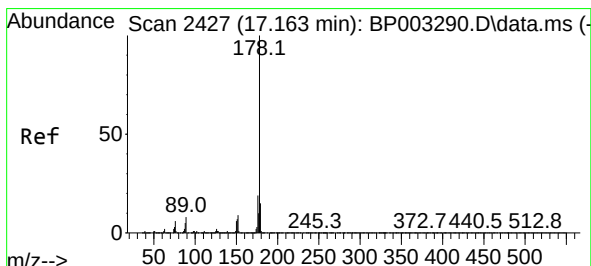
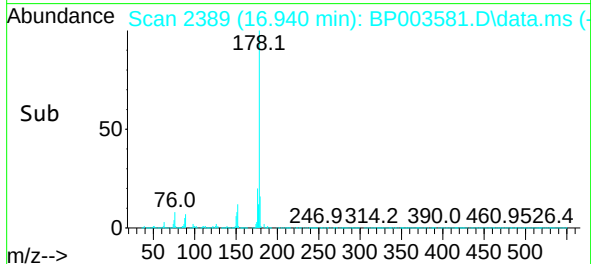
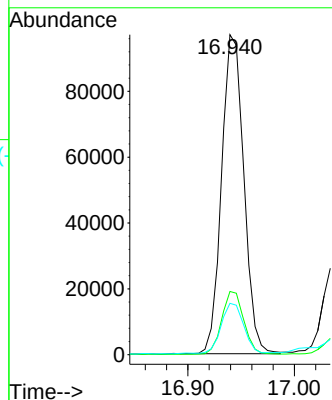
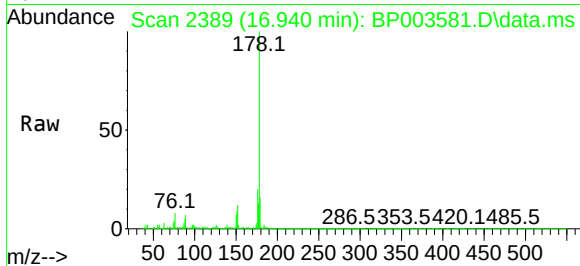




#71
Phenanthrene
Concen: 9.69 ng
RT: 16.940 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

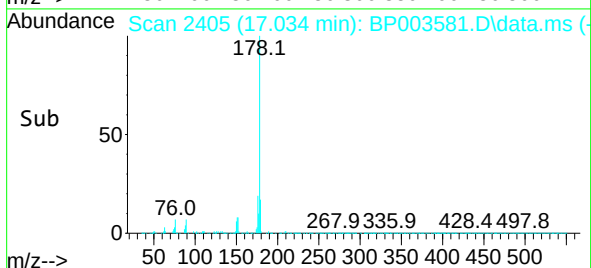
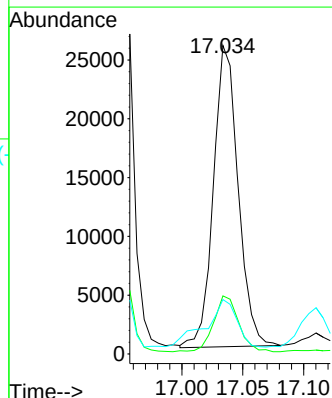
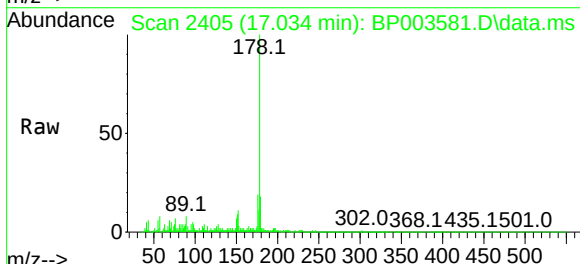
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-DP

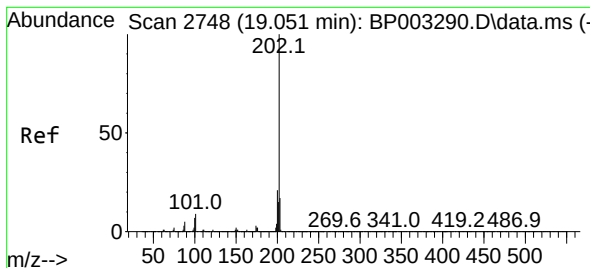
Tgt Ion:178 Resp: 140476
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 16.1 12.5 18.7



#72
Anthracene
Concen: 2.53 ng
RT: 17.034 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion:178 Resp: 36211
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 17.7 12.5 18.7

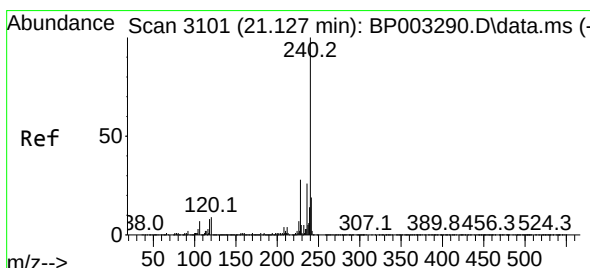
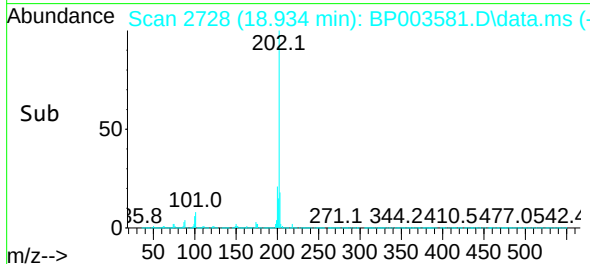
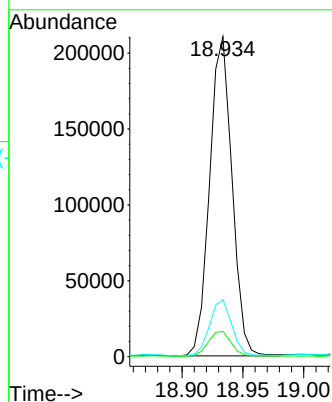
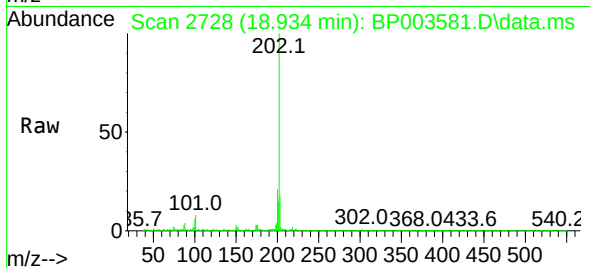




#75
Fluoranthene
Concen: 14.77 ng
RT: 18.934 min Scan# 2728
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

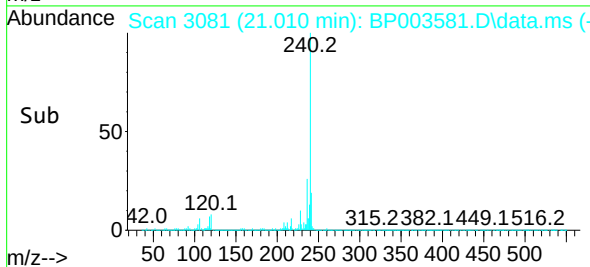
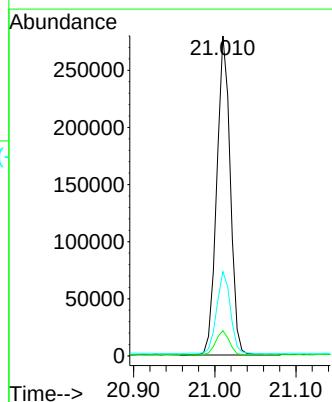
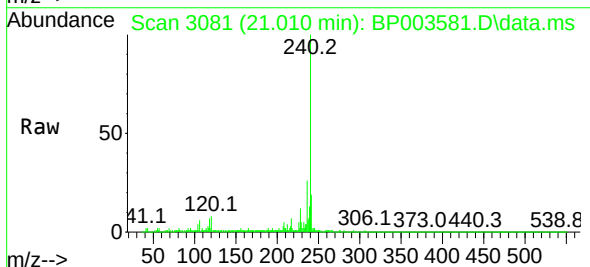
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-DP

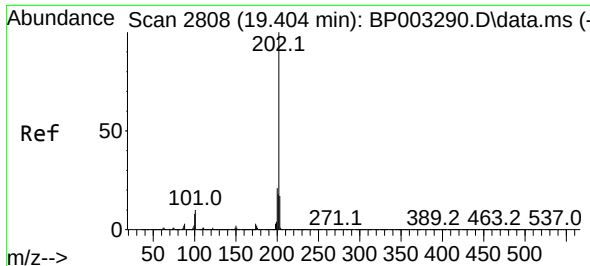
Tgt Ion:	202	Resp:	269207
Ion Ratio	Lower	Upper	
202	100		
101	7.9	0.0	29.4
203	17.9	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.010 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion:	240	Resp:	322964
Ion Ratio	Lower	Upper	
240	100		
120	7.9	7.8	11.6
236	26.4	20.8	31.2

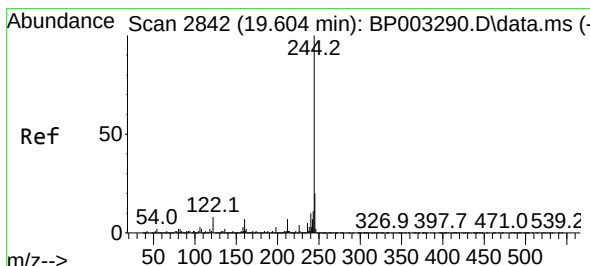
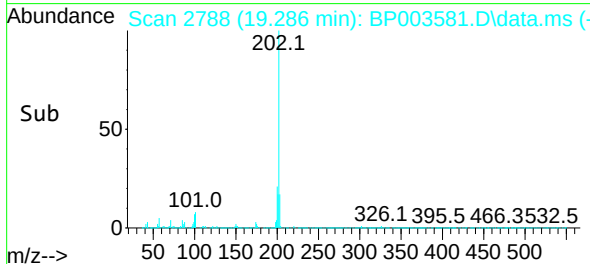
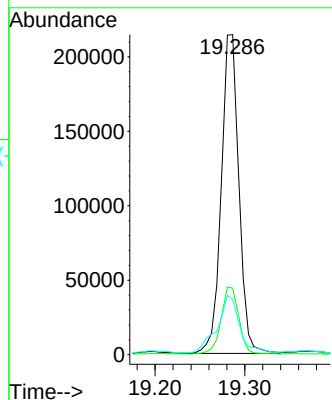
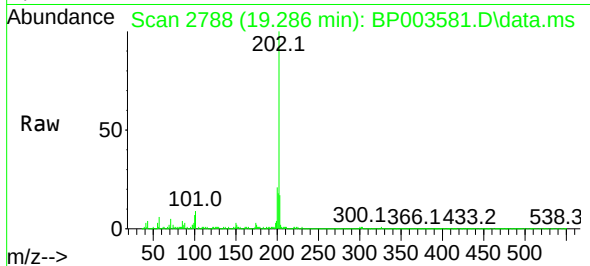




#78
Pyrene
Concen: 14.52 ng
RT: 19.286 min Scan# 2788
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

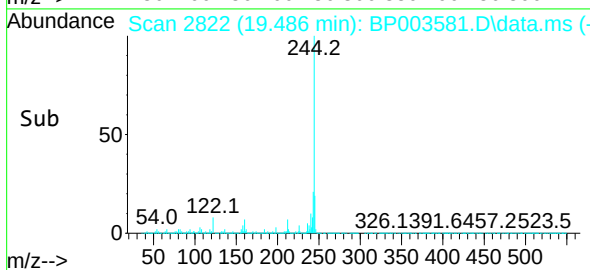
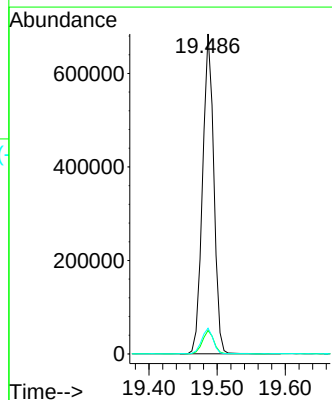
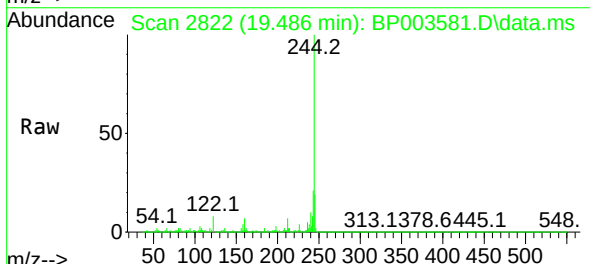
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-DP

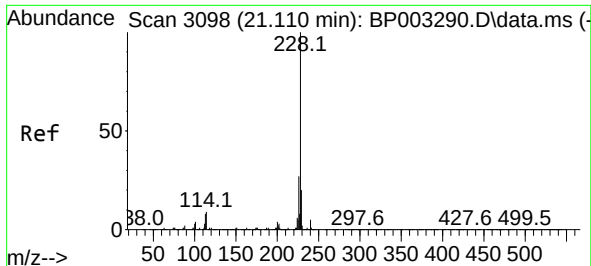
Tgt Ion:202 Resp: 292366
Ion Ratio Lower Upper
202 100
200 20.8 17.1 25.7
203 17.3 14.2 21.2



#79
Terphenyl-d14
Concen: 50.67 ng
RT: 19.486 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion:244 Resp: 785404
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 8.0 7.8 11.8

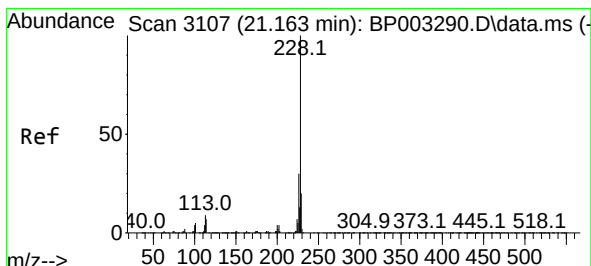
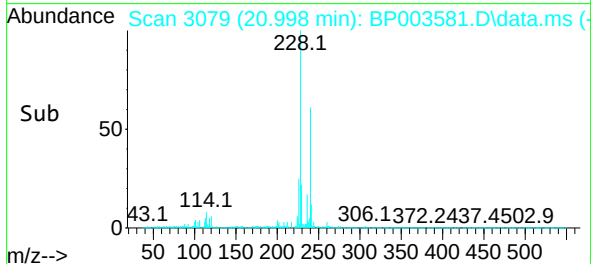
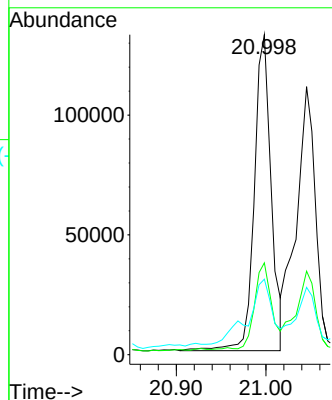
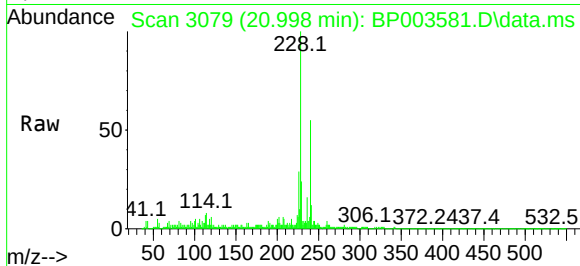




#81
Benzo(a)anthracene
Concen: 8.25 ng
RT: 20.998 min Scan# 3079
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

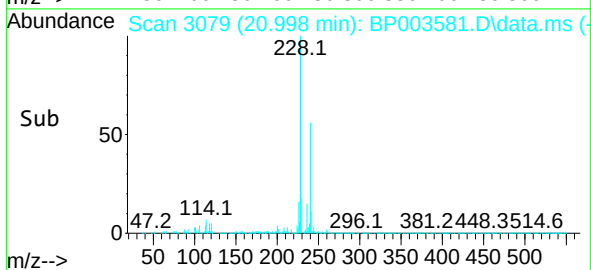
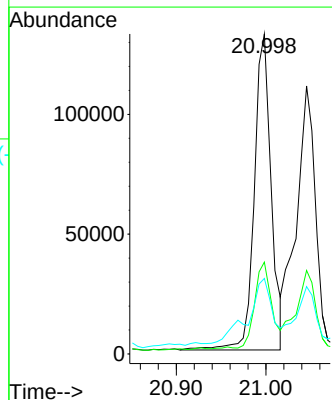
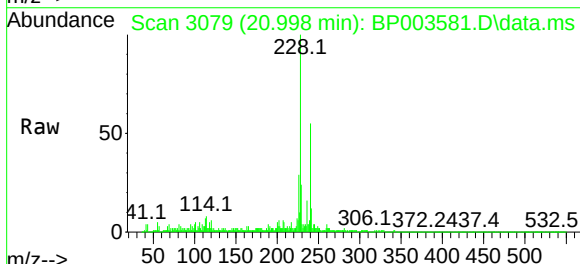
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-DP

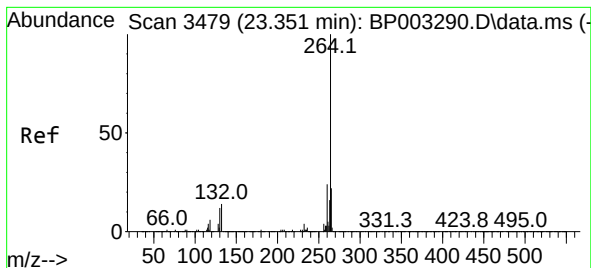
Tgt Ion:228 Resp: 172157
Ion Ratio Lower Upper
228 100
226 28.7 22.1 33.1
229 23.6 15.9 23.9



#83
Chrysene
Concen: 8.58 ng
RT: 20.998 min Scan# 3079
Delta R.T. -0.047 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion:228 Resp: 172157
Ion Ratio Lower Upper
228 100
226 28.7 24.4 36.6
229 23.6 15.8 23.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.180 min Scan# 3450

Delta R.T. 0.006 min

Lab File: BP003581.D

Acq: 08 Oct 2020 20:39

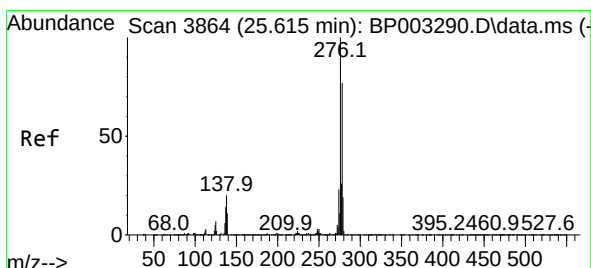
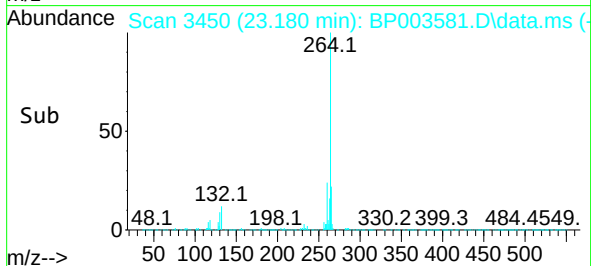
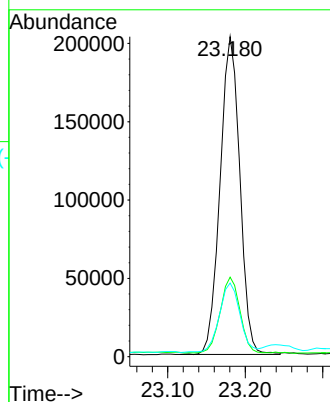
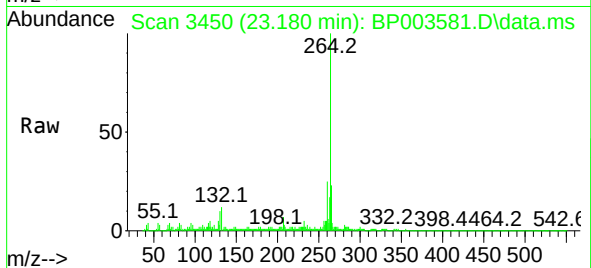
Instrument :

BNA_P

ClientSampleId :

PAV-B24-100120-DP

Tgt Ion:	264	Resp:	360030
Ion Ratio	Lower	Upper	
264	100		
260	24.8	18.8	28.2
265	23.0	17.4	26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 5.86 ng

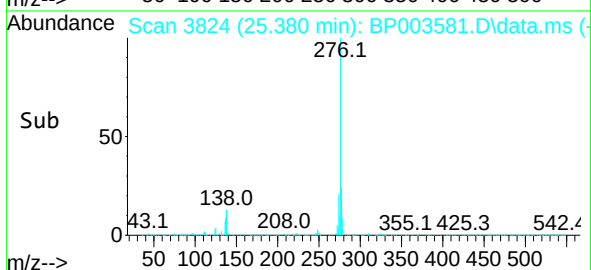
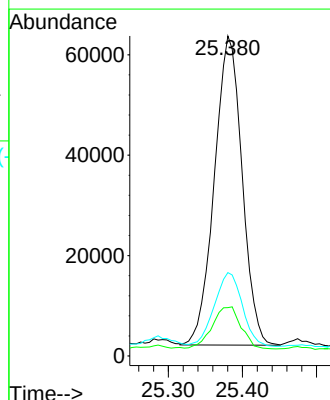
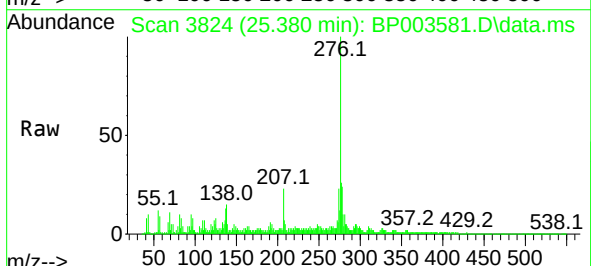
RT: 25.380 min Scan# 3824

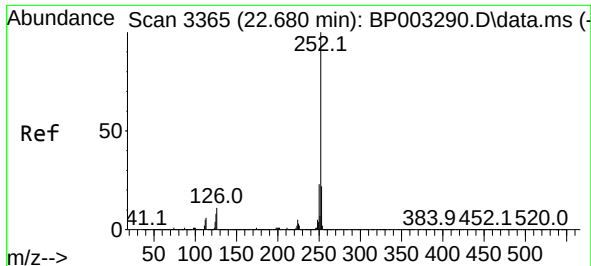
Delta R.T. 0.012 min

Lab File: BP003581.D

Acq: 08 Oct 2020 20:39

Tgt Ion:	276	Resp:	159897
Ion Ratio	Lower	Upper	
276	100		
138	14.2	18.7	28.1#
277	24.1	20.4	30.6

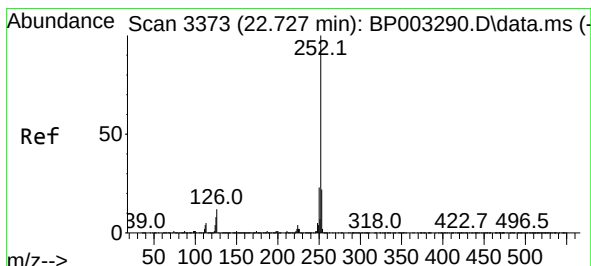
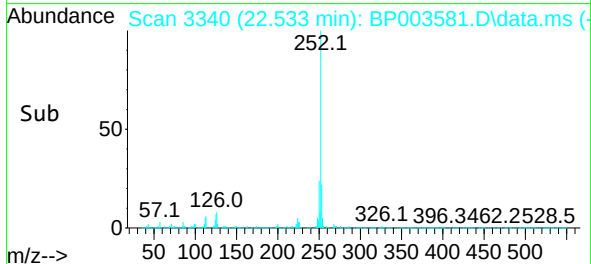
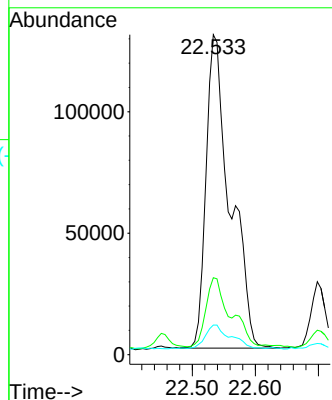
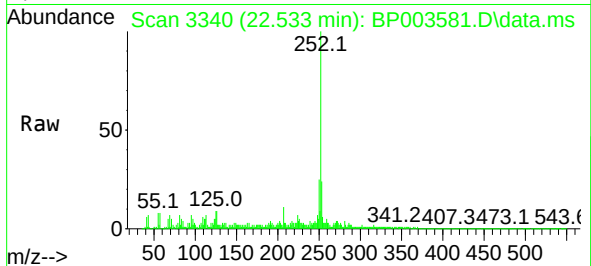




#88
Benzo(b)fluoranthene
Concen: 15.00 ng
RT: 22.533 min Scan# 3340
Delta R.T. 0.006 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

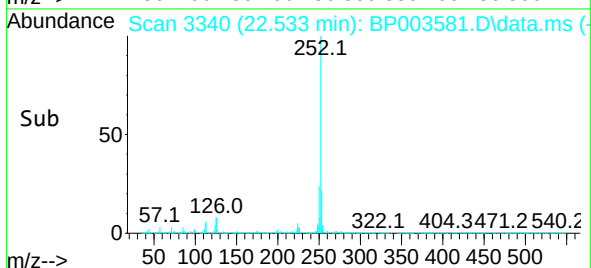
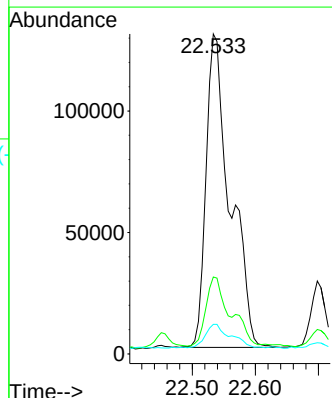
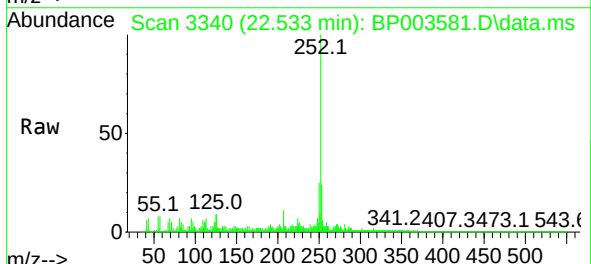
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-DP

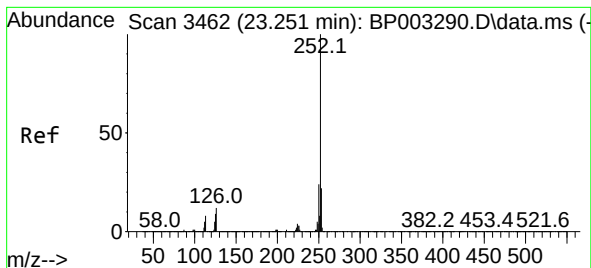
Tgt Ion:252 Resp: 340946
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 9.3 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 15.65 ng
RT: 22.533 min Scan# 3340
Delta R.T. -0.035 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion:252 Resp: 340946
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 9.3 7.4 11.2





#90

Benzo(a)pyrene

Concen: 10.46 ng

RT: 23.086 min Scan# 3434

Delta R.T. 0.006 min

Lab File: BP003581.D

Acq: 08 Oct 2020 20:39

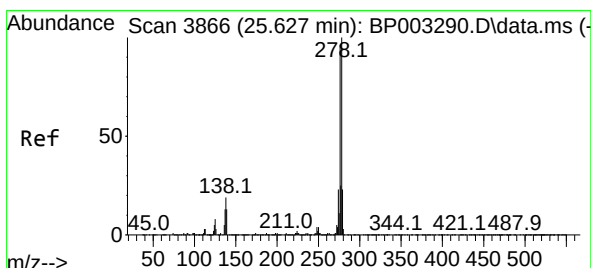
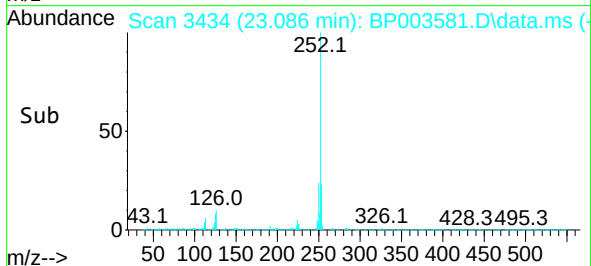
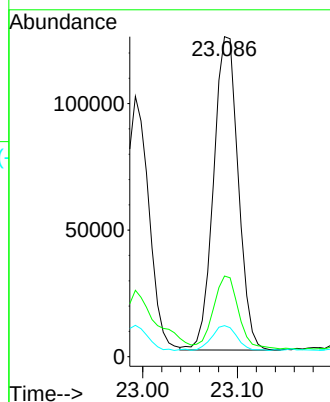
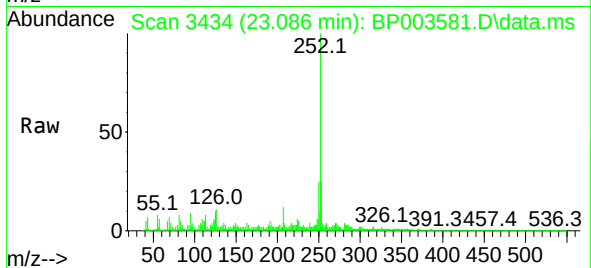
Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:252	Resp: 224266
Ion Ratio	Lower Upper
252	100
253	25.2 17.4 26.0
125	9.7 8.2 12.4



#91

Dibenzo(a,h)anthracene

Concen: 2.06 ng

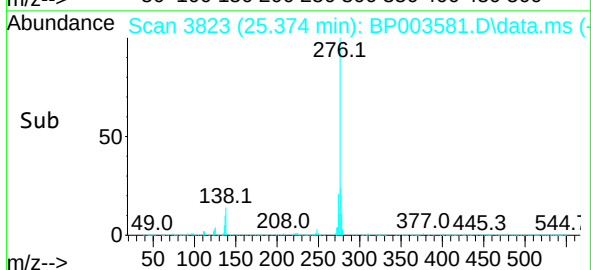
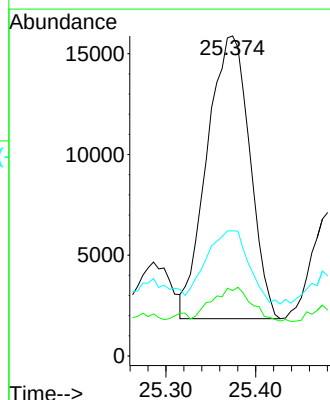
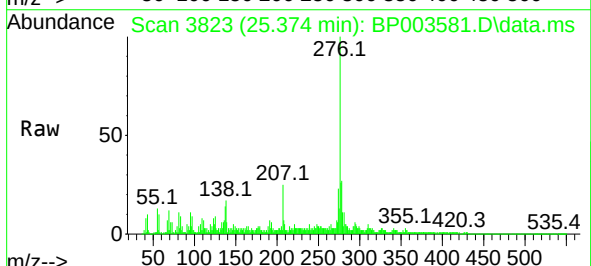
RT: 25.374 min Scan# 3823

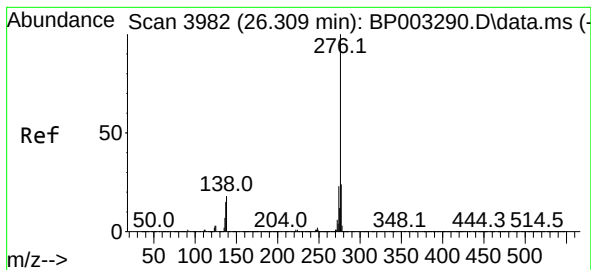
Delta R.T. 0.006 min

Lab File: BP003581.D

Acq: 08 Oct 2020 20:39

Tgt Ion:278	Resp: 46324
Ion Ratio	Lower Upper
278	100
139	20.4 12.4 18.6#
279	39.1 19.0 28.6#





#92
 Benzo(g,h,i)perylene
 Concen: 9.16 ng
 RT: 26.057 min Scan# 3939
 Delta R.T. 0.024 min
 Lab File: BP003581.D
 Acq: 08 Oct 2020 20:39

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B24-100120-DP

Tgt Ion: 276 Resp: 205998
 Ion Ratio Lower Upper
 276 100
 277 25.9 19.0 28.6
 138 15.0 16.6 24.8#

