

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
 Data File : BP003580.D
 Acq On : 08 Oct 2020 20:05
 Operator : CG/JU
 Sample : L4291-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B4-100620-DP

Quant Time: Oct 09 01:59:35 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)

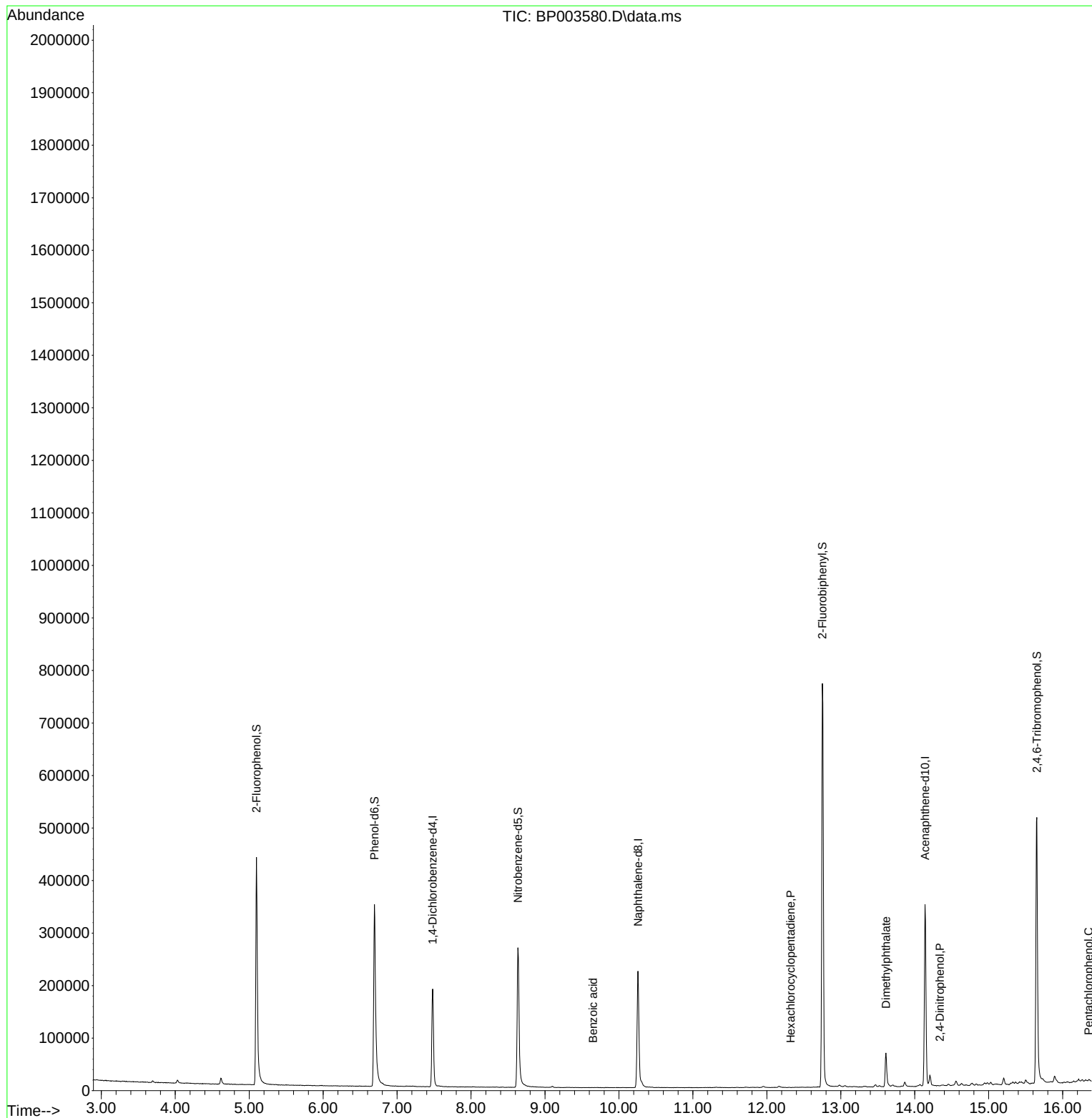
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	52147	20.00	ng	0.00
21) Naphthalene-d8	10.257	136	197933	20.00	ng	0.00
39) Acenaphthene-d10	14.139	164	117313	20.00	ng	0.00
64) Phenanthrene-d10	16.898	188	257780	20.00	ng	0.00
76) Chrysene-d12	21.010	240	298693	20.00	ng	# 0.00
86) Perylene-d12	23.174	264	346635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.099	112	212899	71.29	ng	0.00
7) Phenol-d6	6.693	99	249208	62.60	ng	0.00
23) Nitrobenzene-d5	8.634	82	184908	54.88	ng	0.00
42) 2,4,6-Tribromophenol	15.651	330	116429	65.07	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	406489	50.68	ng	0.00
79) Terphenyl-d14	19.486	244	636538	44.40	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.651	122	18	9.16	ng	91
41) Hexachlorocyclopentadiene	12.322	237	9	6.85	ng	83
50) Dimethylphthalate	13.610	163	46340	4.95	ng	99
54) 2,4-Dinitrophenol	14.339	184	20	7.27	ng	# 1
70) Pentachlorophenol	16.351	266	36	6.79	ng	98
71) Phenanthrene	16.939	178	156381	11.15	ng	100
72) Anthracene	17.039	178	39423	2.85	ng	99
75) Fluoranthene	18.933	202	361019	20.47	ng	98
78) Pyrene	19.286	202	361986	19.43	ng	100
81) Benzo(a)anthracene	20.998	228	260485	13.49	ng	99
83) Chrysene	21.045	228	230819	12.44	ng	97
87) Indeno(1,2,3-cd)pyrene	25.368	276	215572	8.20	ng	# 92
88) Benzo(b)fluoranthene	22.533	252	372078	17.00	ng	98
89) Benzo(k)fluoranthene	22.533	252	372078	17.74	ng	98
90) Benzo(a)pyrene	23.080	252	311191	15.08	ng	95
91) Dibenzo(a,h)anthracene	25.615	278	60262	2.78	ng	94
92) Benzo(g,h,i)perylene	26.039	276	210796	9.74	ng	# 94

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

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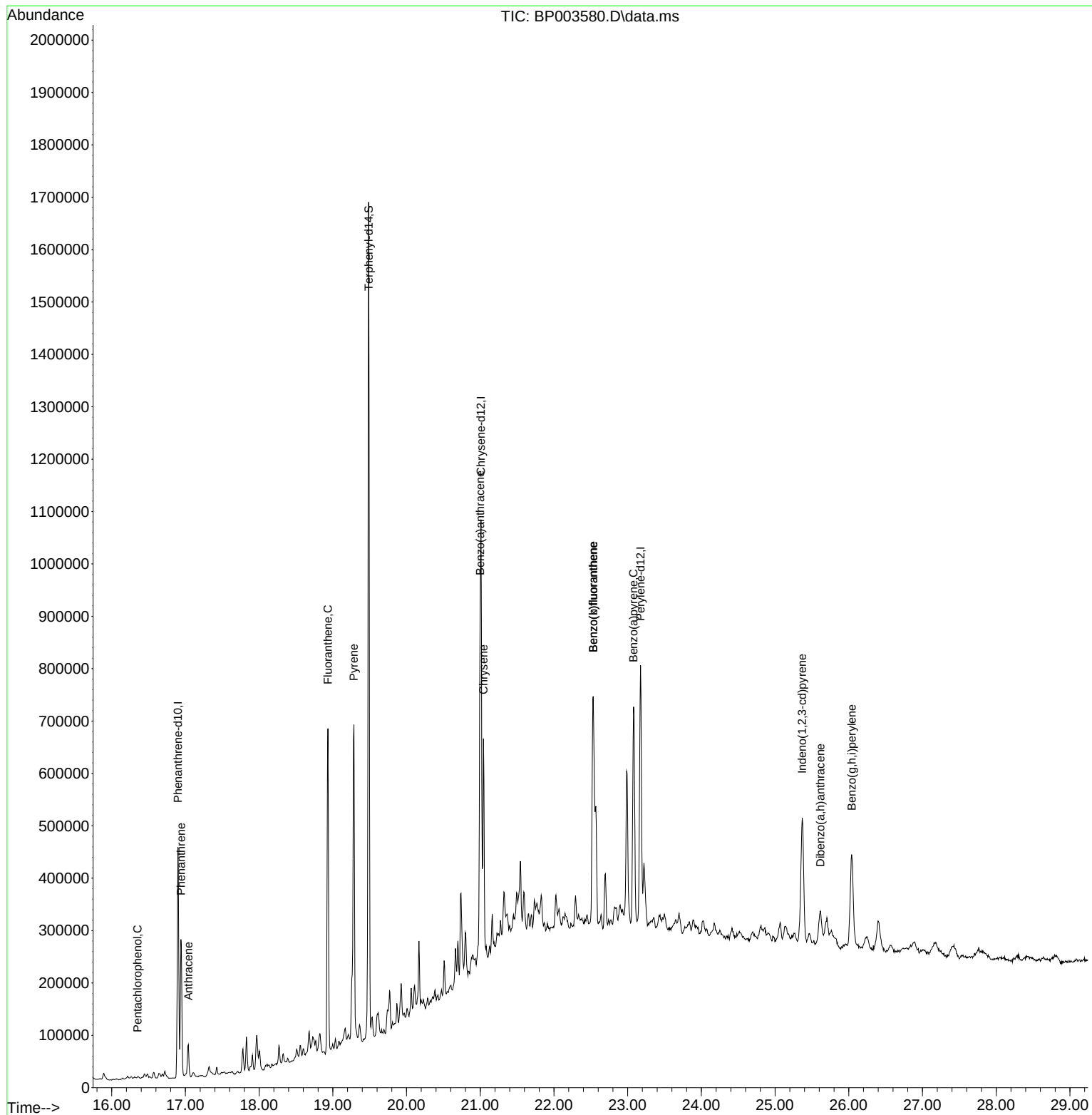
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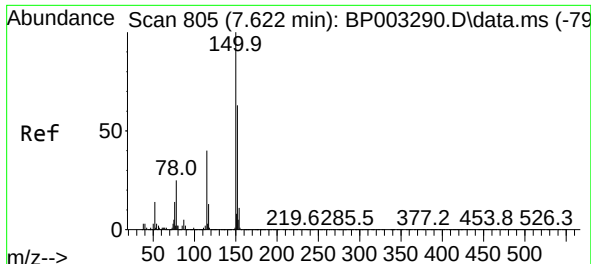


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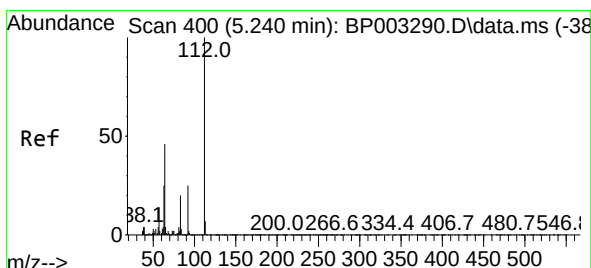
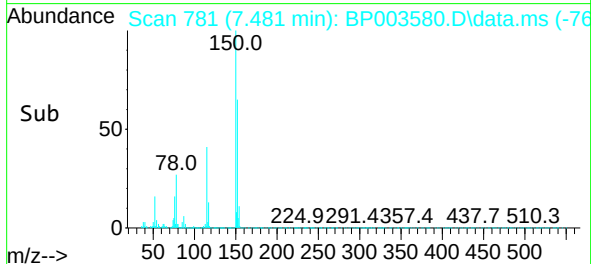
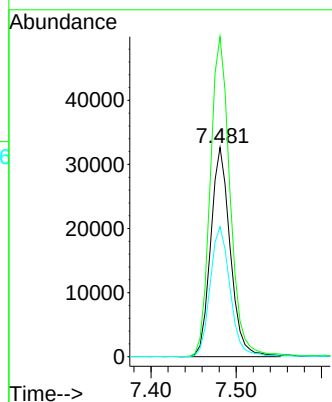
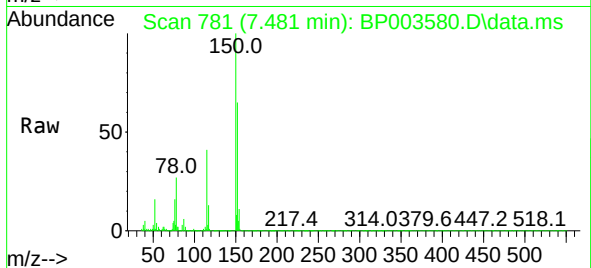




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.481 min Scan# 781
Delta R.T. -0.000 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

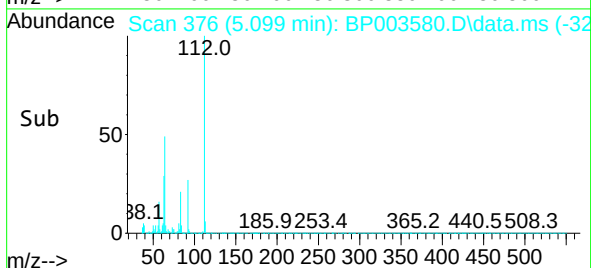
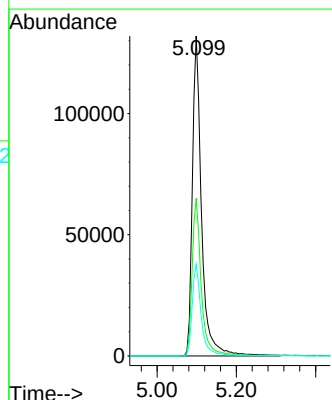
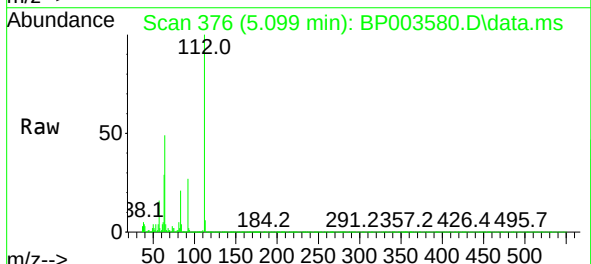
Instrument :
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ClientSampleId :
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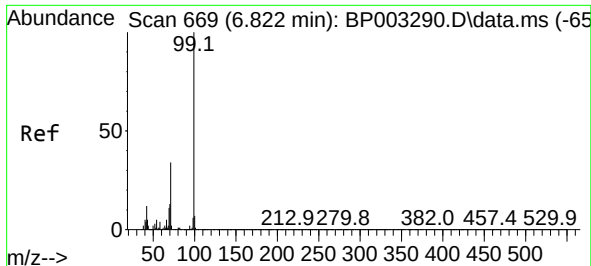
Tgt Ion:152 Resp: 52147
Ion Ratio Lower Upper
152 100
150 153.0 123.8 185.6
115 62.1 43.8 65.6



#5
2-Fluorophenol
Concen: 71.29 ng
RT: 5.099 min Scan# 376
Delta R.T. -0.000 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

Tgt Ion:112 Resp: 212899
Ion Ratio Lower Upper
112 100
64 49.2 32.8 49.2#
63 28.7 17.0 25.4#

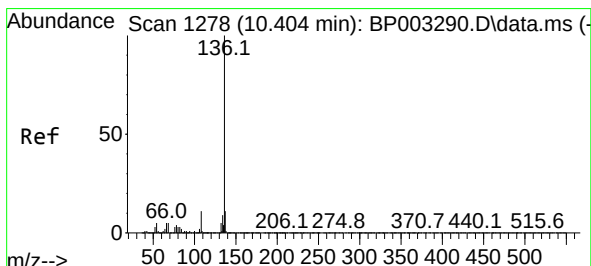
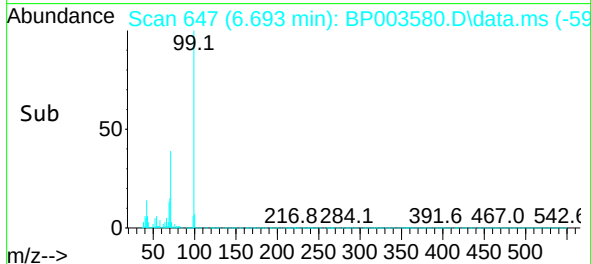
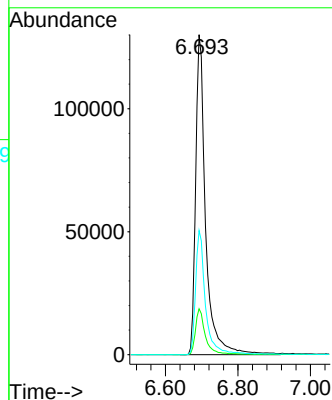
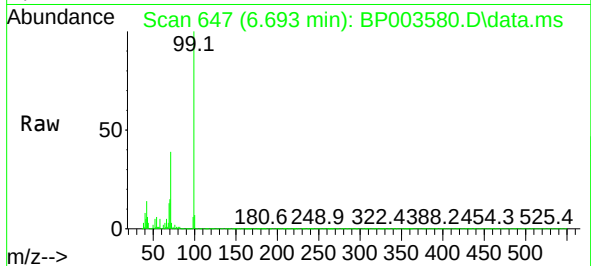




#7
Phenol-d6
Concen: 62.60 ng
RT: 6.693 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

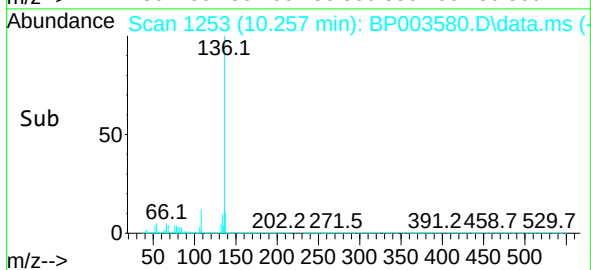
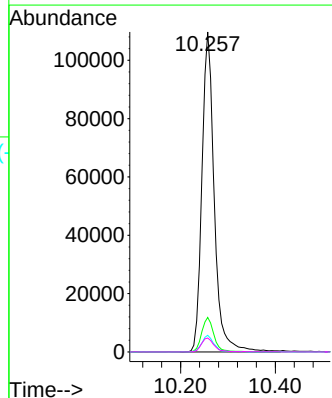
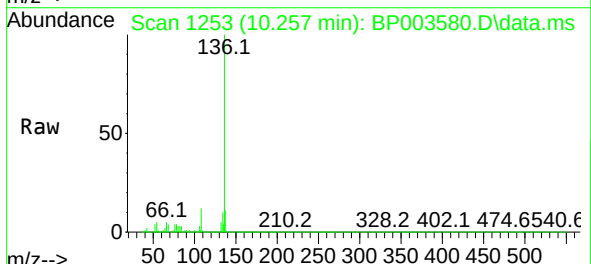
Instrument :
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ClientSampleId :
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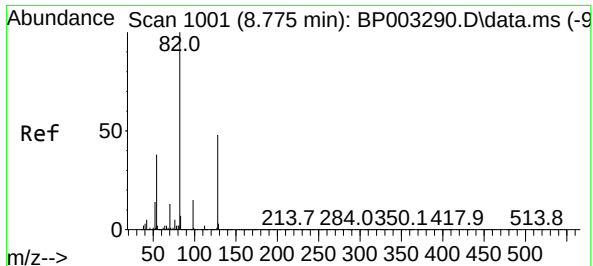
Tgt Ion: 99 Resp: 249208
Ion Ratio Lower Upper
99 100
42 14.3 8.6 13.0#
71 38.8 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.257 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

Tgt Ion: 136 Resp: 197933
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.2 3.6 5.4
68 4.3 3.3 4.9

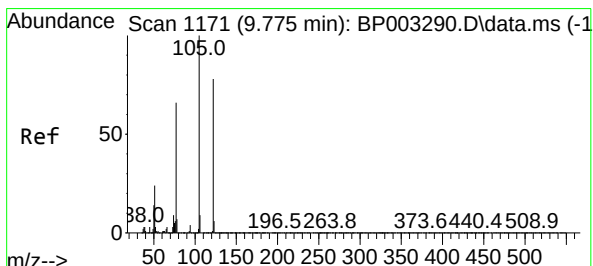
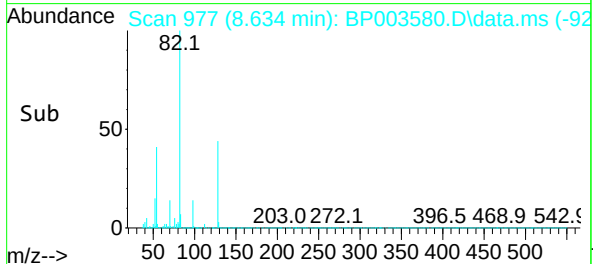
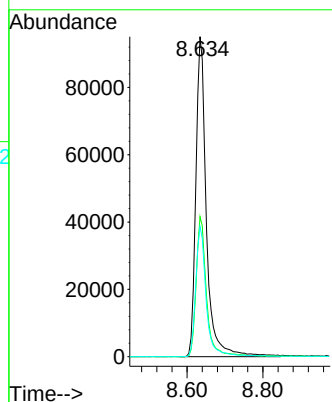
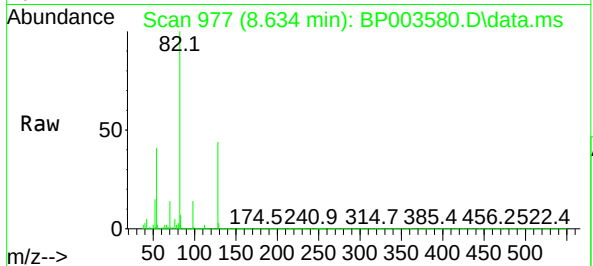




#23
Nitrobenzene-d5
Concen: 54.88 ng
RT: 8.634 min Scan# 977
Delta R.T. -0.000 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

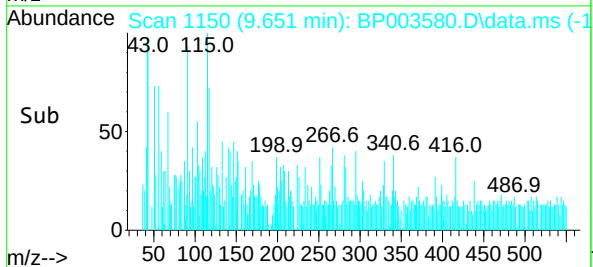
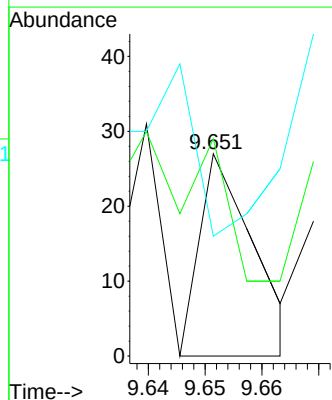
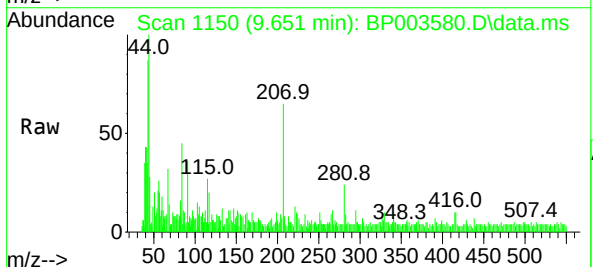
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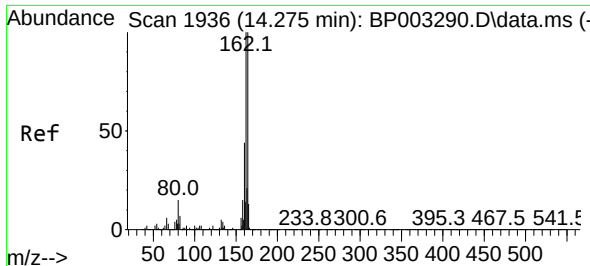
Tgt Ion: 82 Resp: 184908
Ion Ratio Lower Upper
82 100
128 43.8 45.6 68.4#
54 40.7 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.651 min Scan# 1150
Delta R.T. -0.029 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

Tgt Ion: 122 Resp: 18
Ion Ratio Lower Upper
122 100
105 107.4 94.1 134.1
77 59.3 50.1 90.1

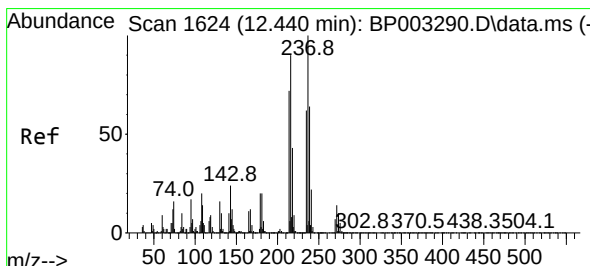
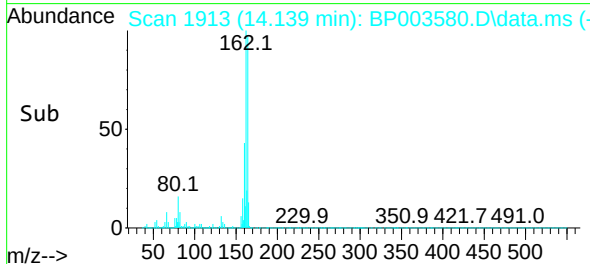
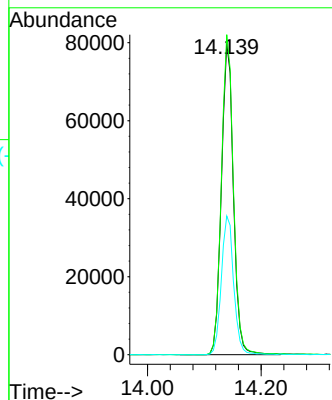
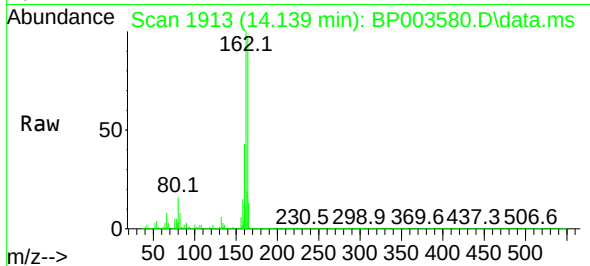




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.139 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

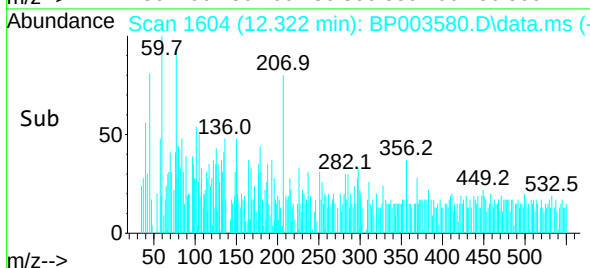
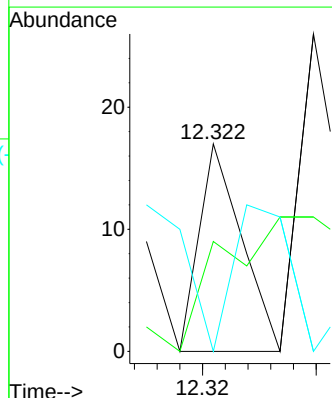
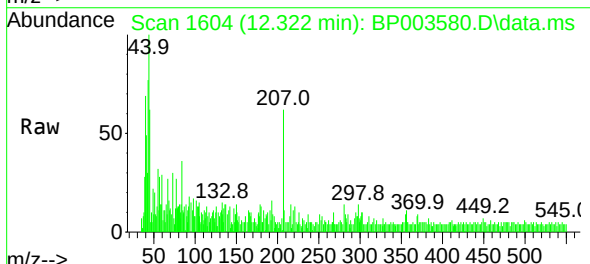
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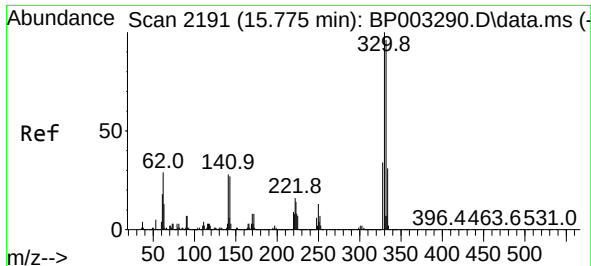
Tgt Ion:164 Resp: 117313
Ion Ratio Lower Upper
164 100
162 102.8 79.4 119.2
160 44.6 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.322 min Scan# 1604
Delta R.T. 0.029 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

Tgt Ion:237 Resp: 9
Ion Ratio Lower Upper
237 100
235 52.9 43.2 83.2
272 0.0 0.0 33.3

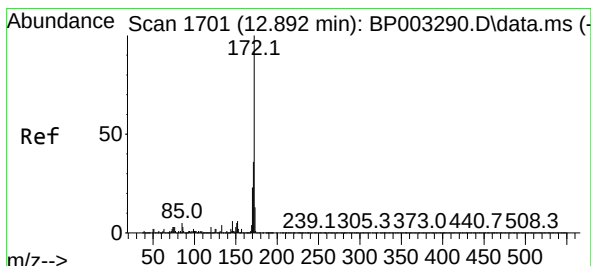
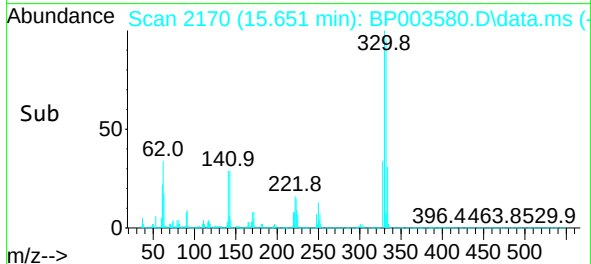
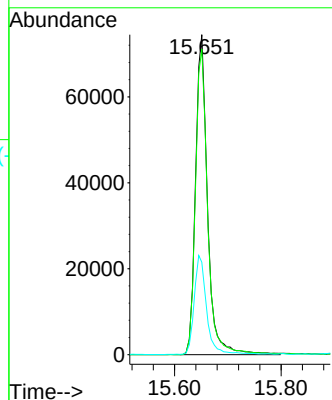
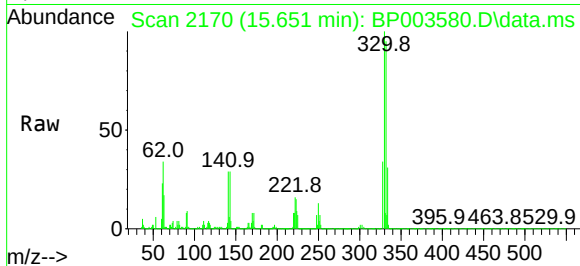




#42
2,4,6-Tribromophenol
Concen: 65.07 ng
RT: 15.651 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

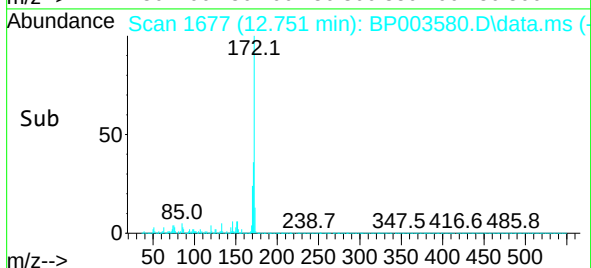
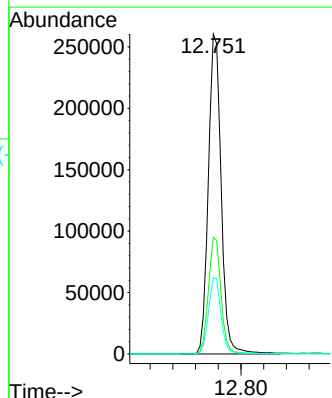
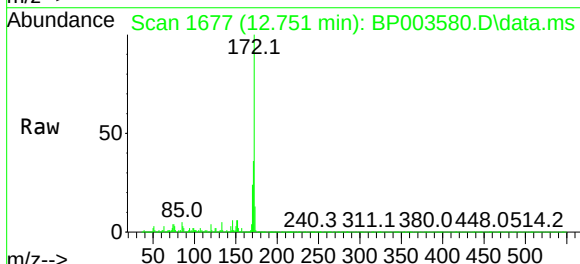
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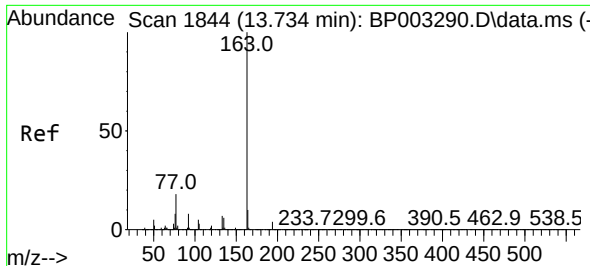
Tgt Ion:330 Resp: 116429
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 32.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 50.68 ng
RT: 12.751 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

Tgt Ion:172 Resp: 406489
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 23.9 19.2 28.8

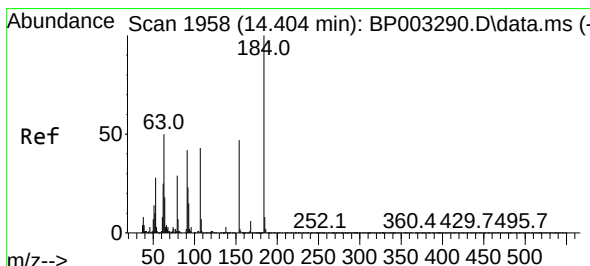
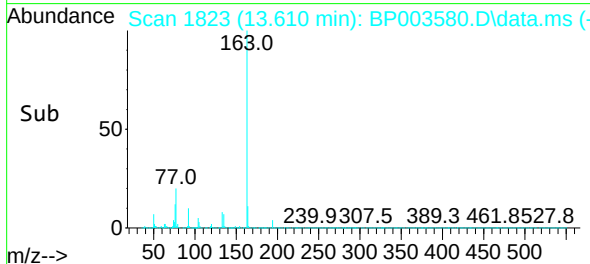
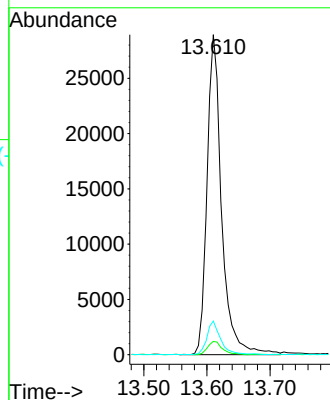
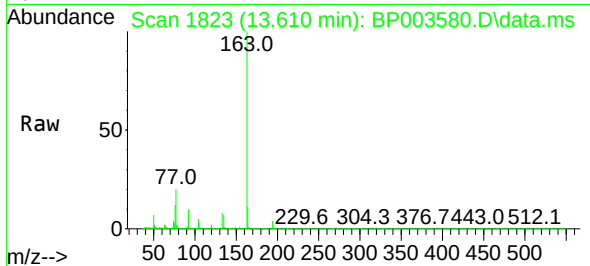




#50
Dimethylphthalate
Concen: 4.95 ng
RT: 13.610 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

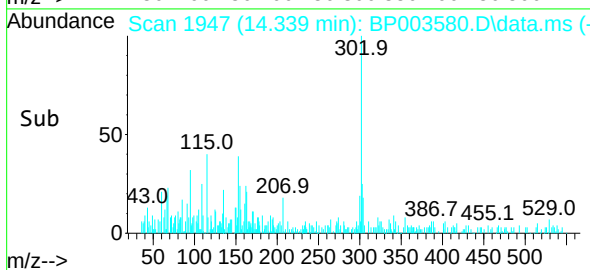
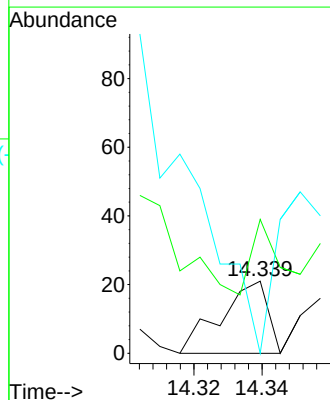
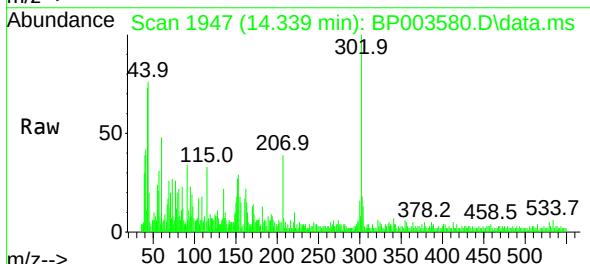
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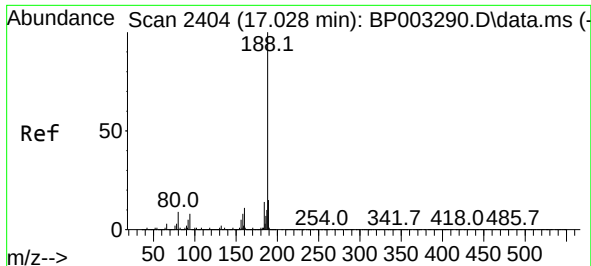
Tgt Ion:163 Resp: 46340
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.5 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.27 ng
RT: 14.339 min Scan# 1947
Delta R.T. 0.024 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 185.7 32.3 48.5#
154 0.0 49.1 73.7#

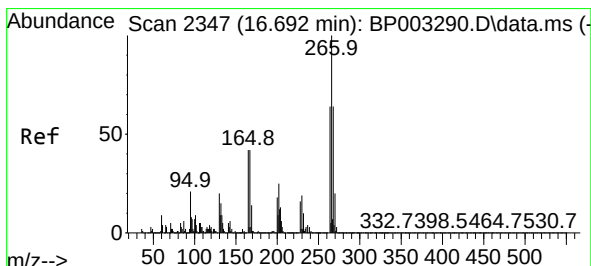
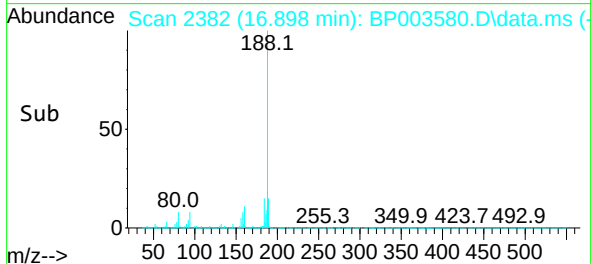
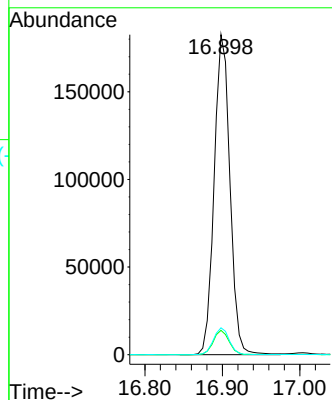
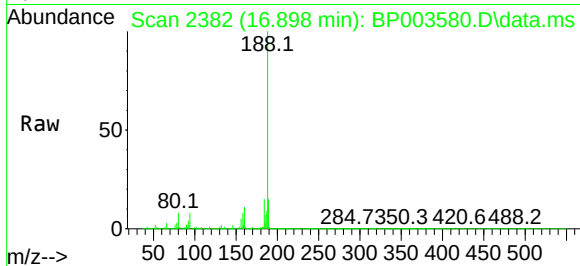




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.898 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

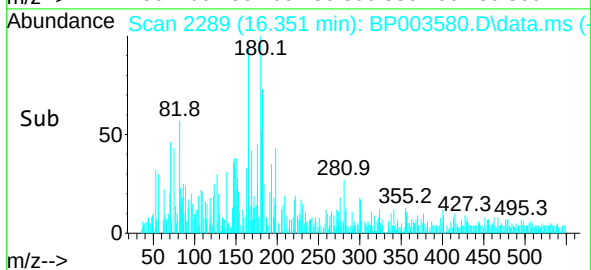
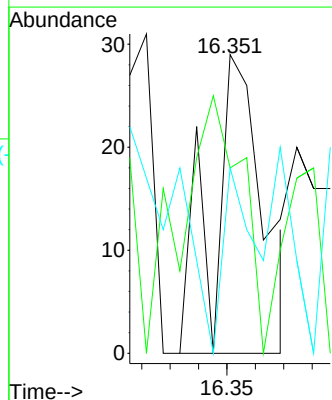
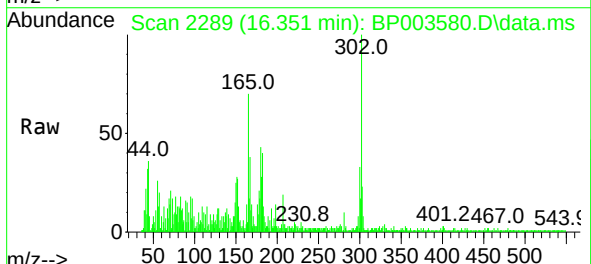
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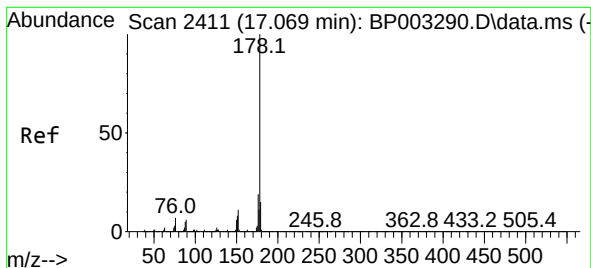
Tgt Ion:188	Resp:	257780
Ion Ratio	Lower	Upper
188	100	
94	7.6	6.2 9.2
80	8.4	6.2 9.2



#70
Pentachlorophenol
Concen: 6.79 ng
RT: 16.351 min Scan# 2289
Delta R.T. -0.229 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

Tgt Ion:266	Resp:	36
Ion Ratio	Lower	Upper
266	100	
268	62.1	51.1 76.7
264	62.1	50.6 76.0

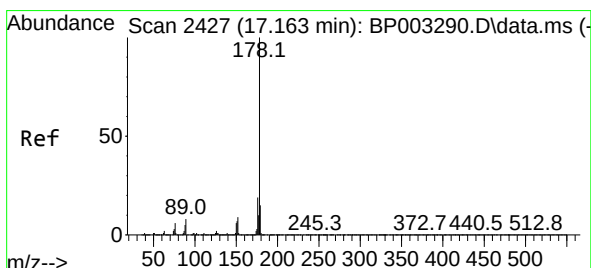
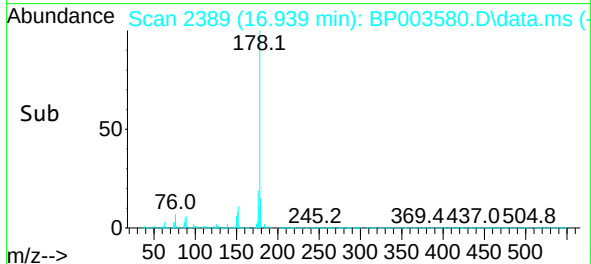
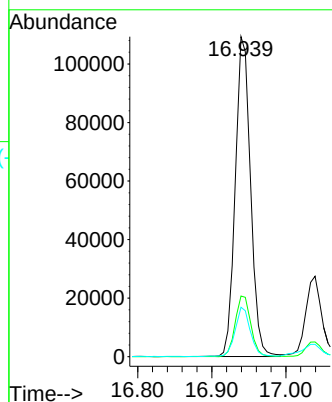
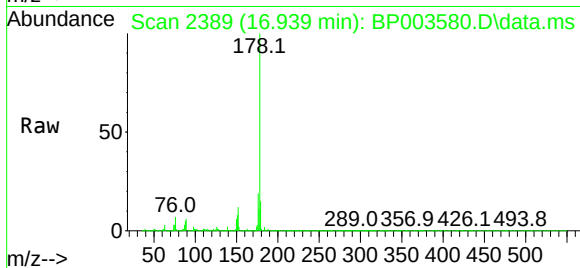




#71
Phenanthrene
Concen: 11.15 ng
RT: 16.939 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

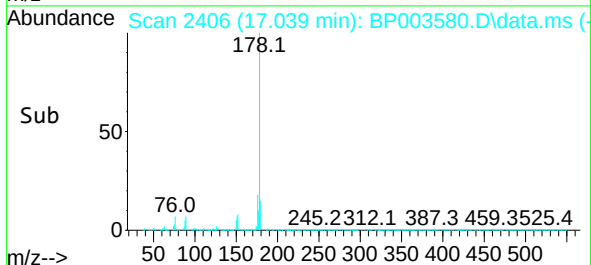
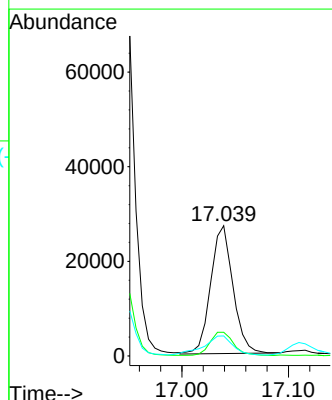
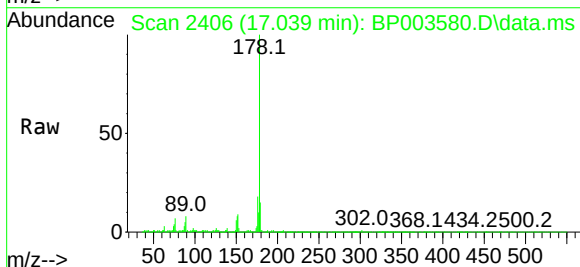
Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-DP

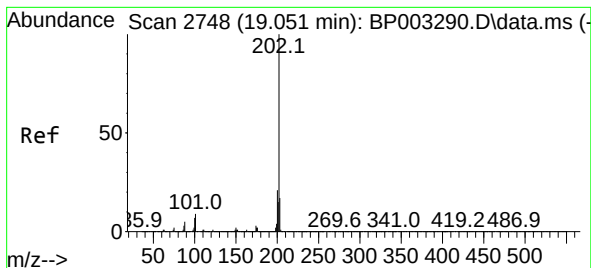
Tgt Ion:178 Resp: 156381
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.4 12.5 18.7



#72
Anthracene
Concen: 2.85 ng
RT: 17.039 min Scan# 2406
Delta R.T. 0.006 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

Tgt Ion:178 Resp: 39423
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 15.4 12.5 18.7

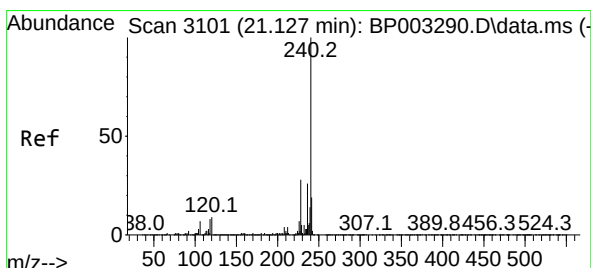
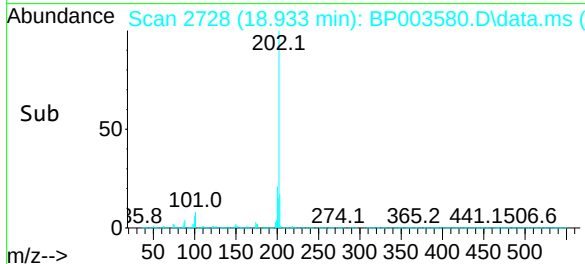
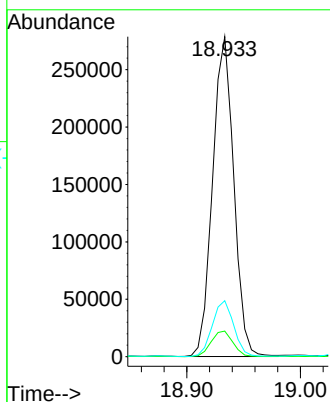
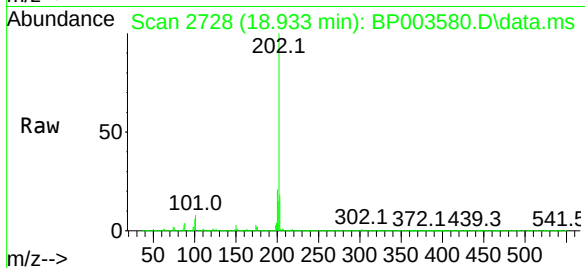




#75
Fluoranthene
Concen: 20.47 ng
RT: 18.933 min Scan# 2728
Delta R.T. -0.000 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

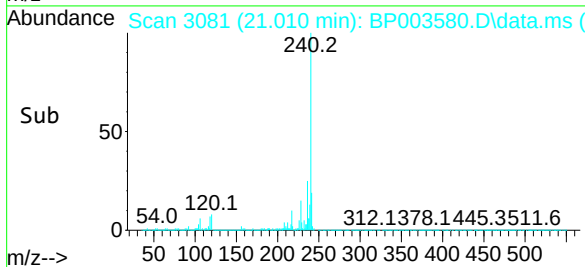
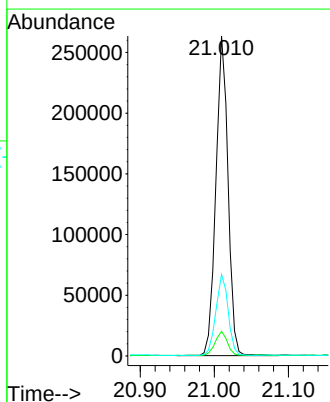
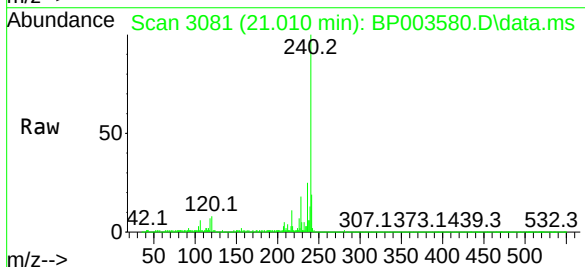
Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-DP

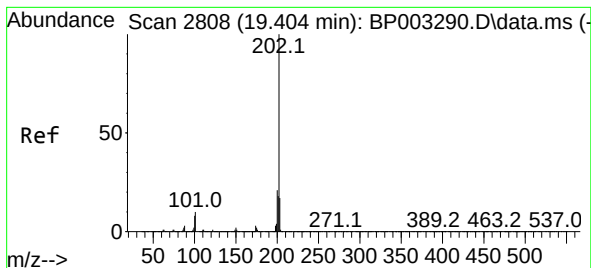
Tgt Ion:	202	Resp:	361019
Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	29.4
203	17.5	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.010 min Scan# 3081
Delta R.T. -0.000 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

Tgt Ion:	240	Resp:	298693
Ion	Ratio	Lower	Upper
240	100		
120	7.7	7.8	11.6#
236	25.4	20.8	31.2





#78

Pyrene

Concen: 19.43 ng

RT: 19.286 min Scan# 2788

Delta R.T. -0.000 min

Lab File: BP003580.D

Acq: 08 Oct 2020 20:05

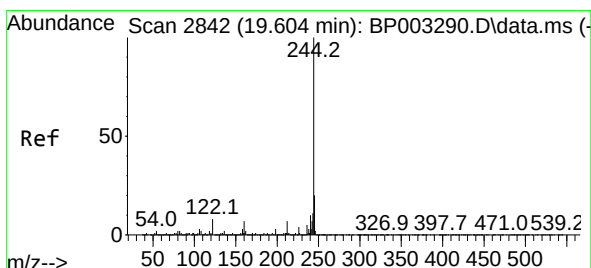
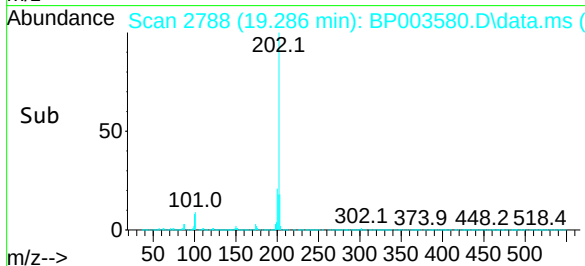
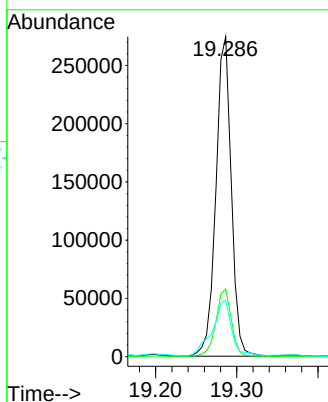
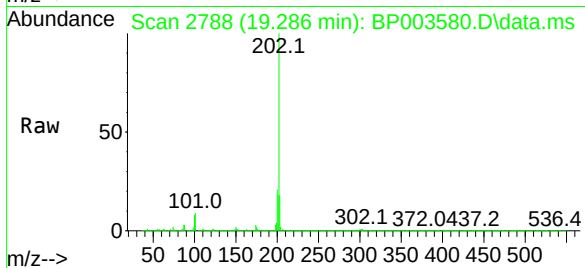
Instrument :

BNA_P

ClientSampleId :

PAV-B4-100620-DP

Tgt Ion:202	Resp:	361986
Ion Ratio	Lower	Upper
202	100	
200	21.2	17.1 25.7
203	17.7	14.2 21.2



#79

Terphenyl-d14

Concen: 44.40 ng

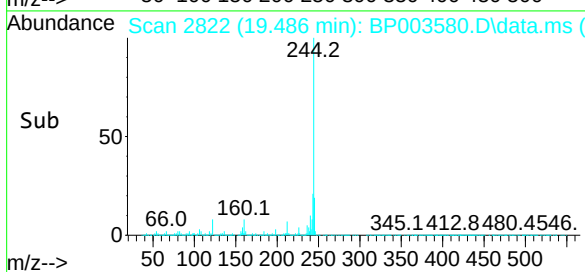
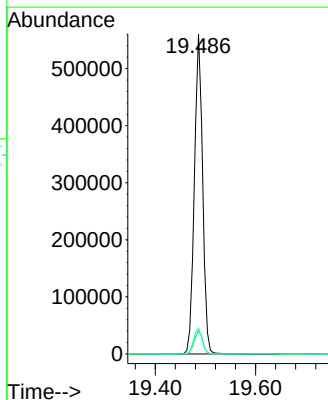
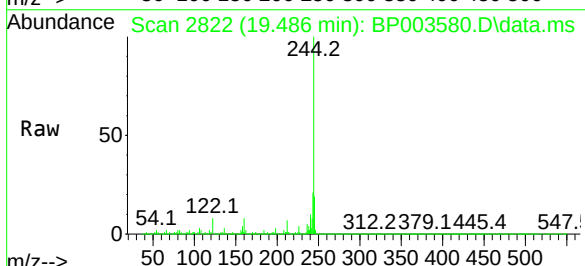
RT: 19.486 min Scan# 2822

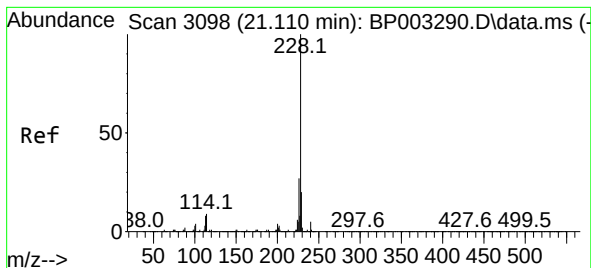
Delta R.T. -0.000 min

Lab File: BP003580.D

Acq: 08 Oct 2020 20:05

Tgt Ion:244	Resp:	636538
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.8 8.6
122	8.1	7.8 11.8

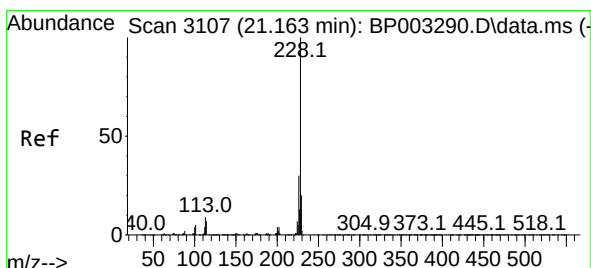
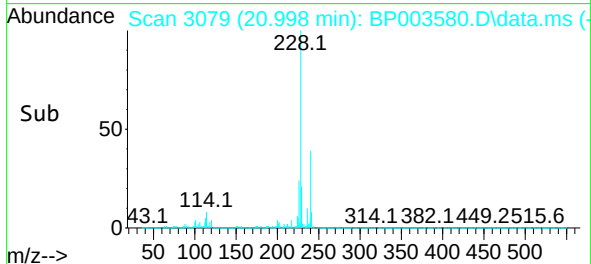
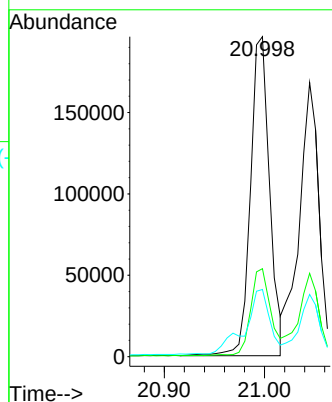
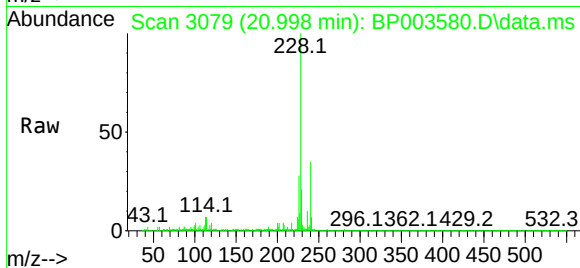




#81
Benzo(a)anthracene
Concen: 13.49 ng
RT: 20.998 min Scan# 3079
Delta R.T. -0.000 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

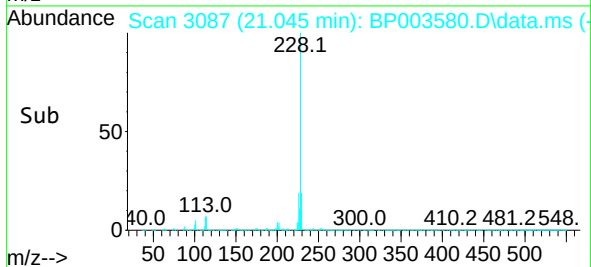
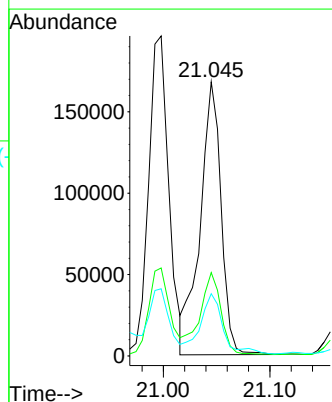
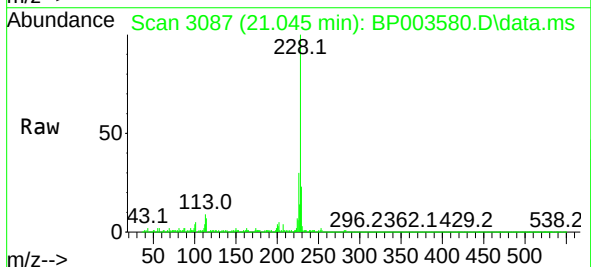
Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-DP

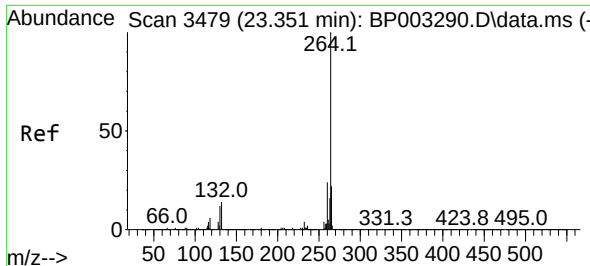
Tgt Ion:228 Resp: 260485
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 21.0 15.9 23.9



#83
Chrysene
Concen: 12.44 ng
RT: 21.045 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

Tgt Ion:228 Resp: 230819
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 22.7 15.8 23.6

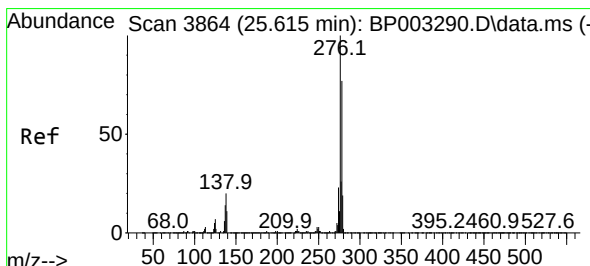
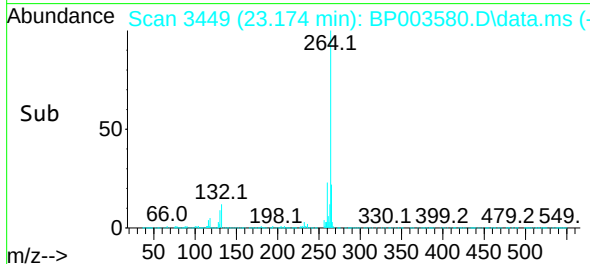
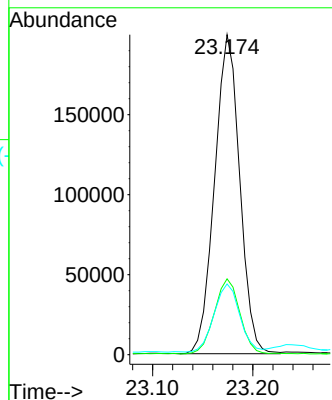
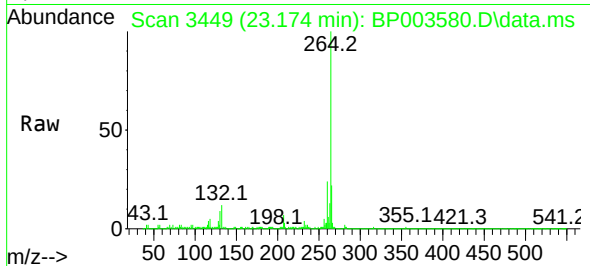




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.174 min Scan# 3449
Delta R.T. -0.000 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

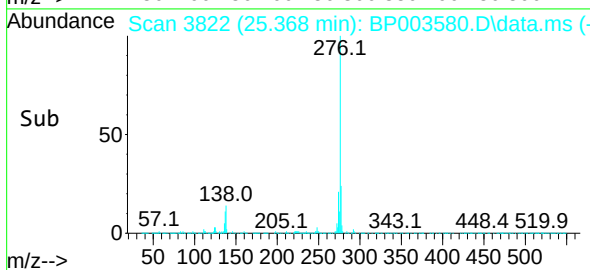
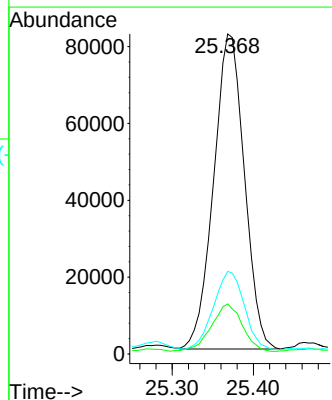
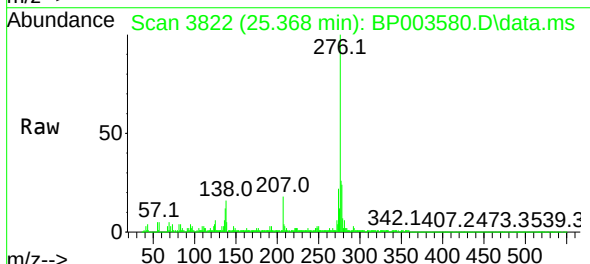
Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-DP

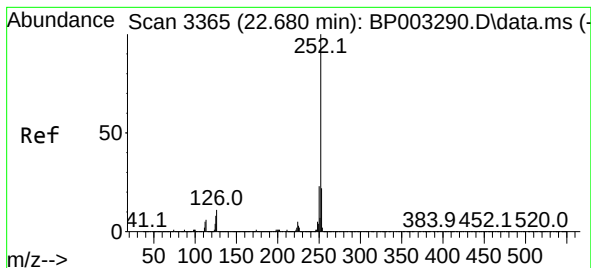
Tgt Ion:264 Resp: 346635
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 22.1 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 8.20 ng
RT: 25.368 min Scan# 3822
Delta R.T. -0.000 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

Tgt Ion:276 Resp: 215572
Ion Ratio Lower Upper
276 100
138 15.4 18.7 28.1#
277 24.9 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 17.00 ng

RT: 22.533 min Scan# 3340

Delta R.T. 0.006 min

Lab File: BP003580.D

Acq: 08 Oct 2020 20:05

Instrument :

BNA_P

ClientSampleId :

PAV-B4-100620-DP

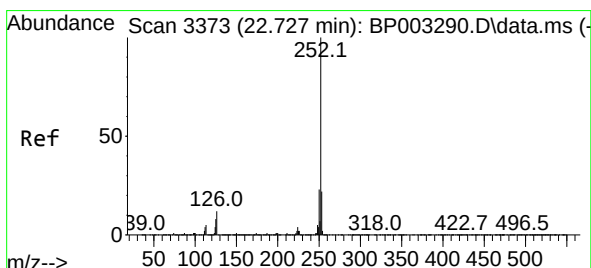
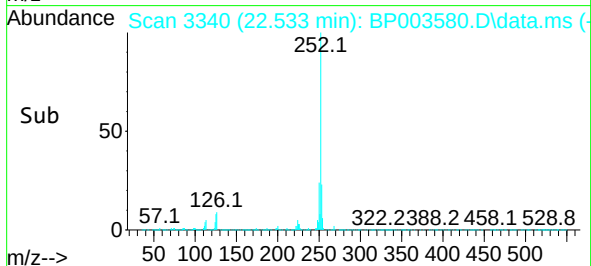
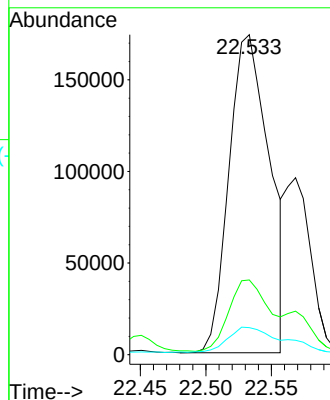
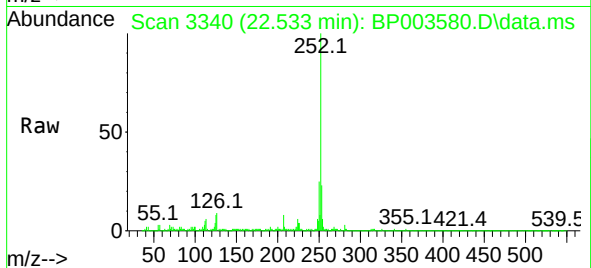
Tgt Ion:252 Resp: 372078

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

125 8.5 7.3 10.9



#89

Benzo(k)fluoranthene

Concen: 17.74 ng

RT: 22.533 min Scan# 3340

Delta R.T. -0.035 min

Lab File: BP003580.D

Acq: 08 Oct 2020 20:05

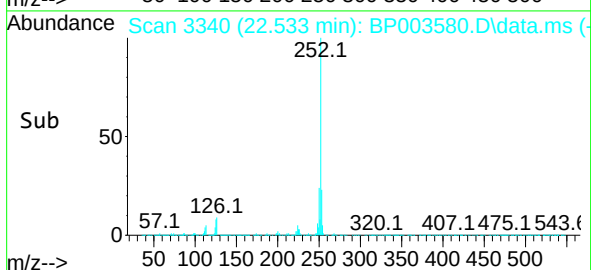
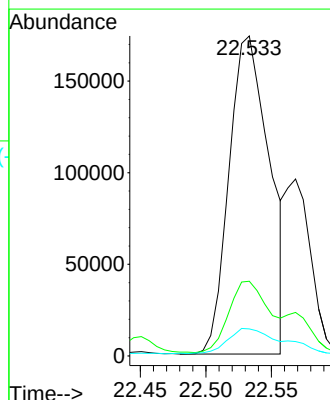
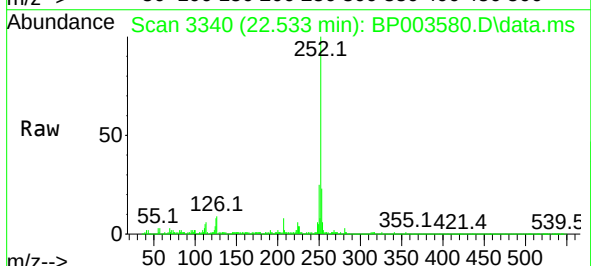
Tgt Ion:252 Resp: 372078

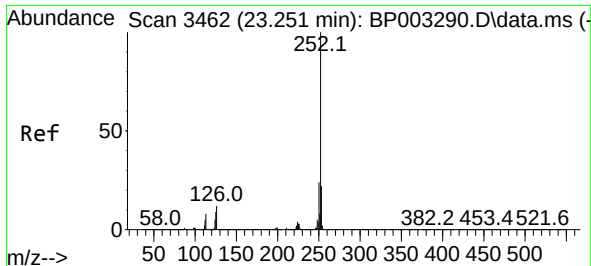
Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

125 8.5 7.4 11.2

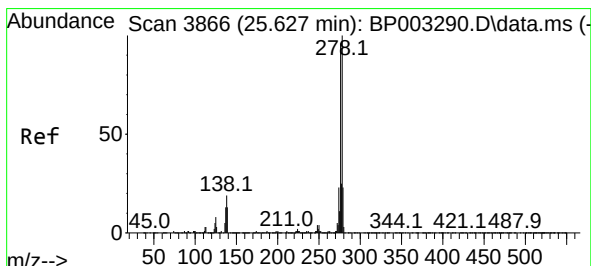
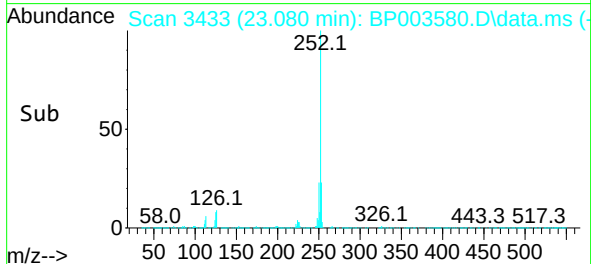
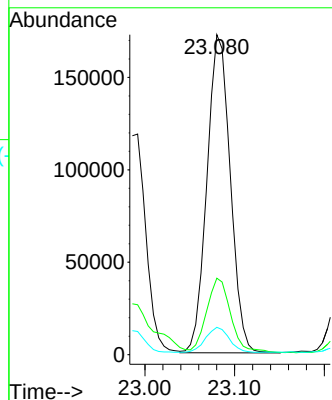
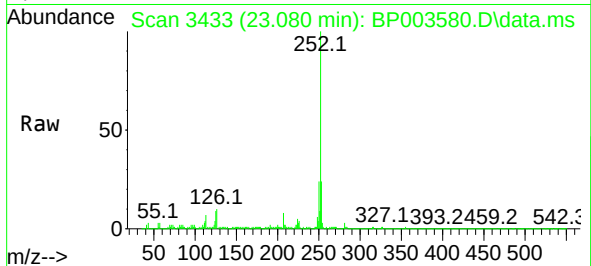




#90
Benzo(a)pyrene
Concen: 15.08 ng
RT: 23.080 min Scan# 3433
Delta R.T. -0.000 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

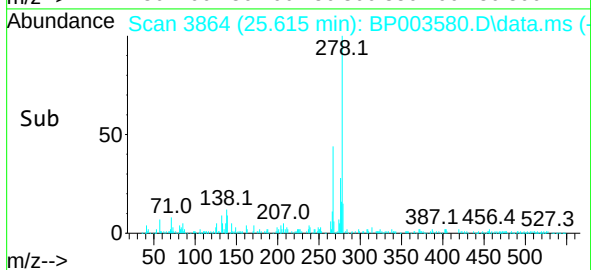
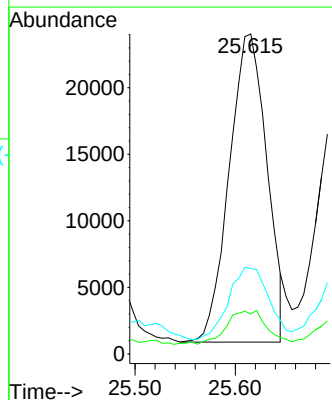
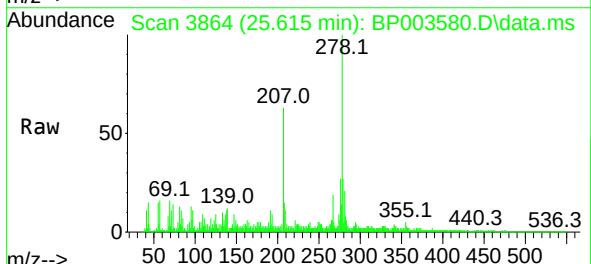
Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-DP

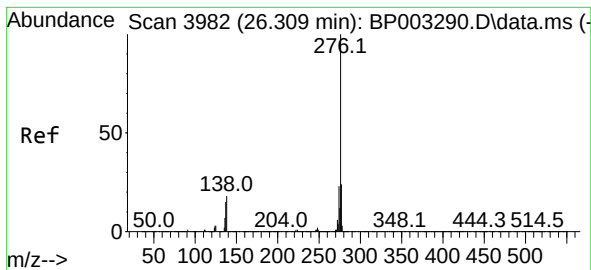
Tgt Ion:252 Resp: 311191
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 8.5 8.2 12.4



#91
Dibenzo(a,h)anthracene
Concen: 2.78 ng
RT: 25.615 min Scan# 3864
Delta R.T. 0.247 min
Lab File: BP003580.D
Acq: 08 Oct 2020 20:05

Tgt Ion:278 Resp: 60262
Ion Ratio Lower Upper
278 100
139 12.5 12.4 18.6
279 26.7 19.0 28.6





#92
 Benzo(g,h,i)perylene
 Concen: 9.74 ng
 RT: 26.039 min Scan# 3936
 Delta R.T. 0.006 min
 Lab File: BP003580.D
 Acq: 08 Oct 2020 20:05

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B4-100620-DP

Tgt Ion:276 Resp: 210796
 Ion Ratio Lower Upper
 276 100
 277 24.8 19.0 28.6
 138 15.7 16.6 24.8#

