

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
 Data File : BP003577.D
 Acq On : 08 Oct 2020 18:23
 Operator : CG/JU
 Sample : L4292-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B13-100620-DP

Quant Time: Oct 09 01:58:26 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)

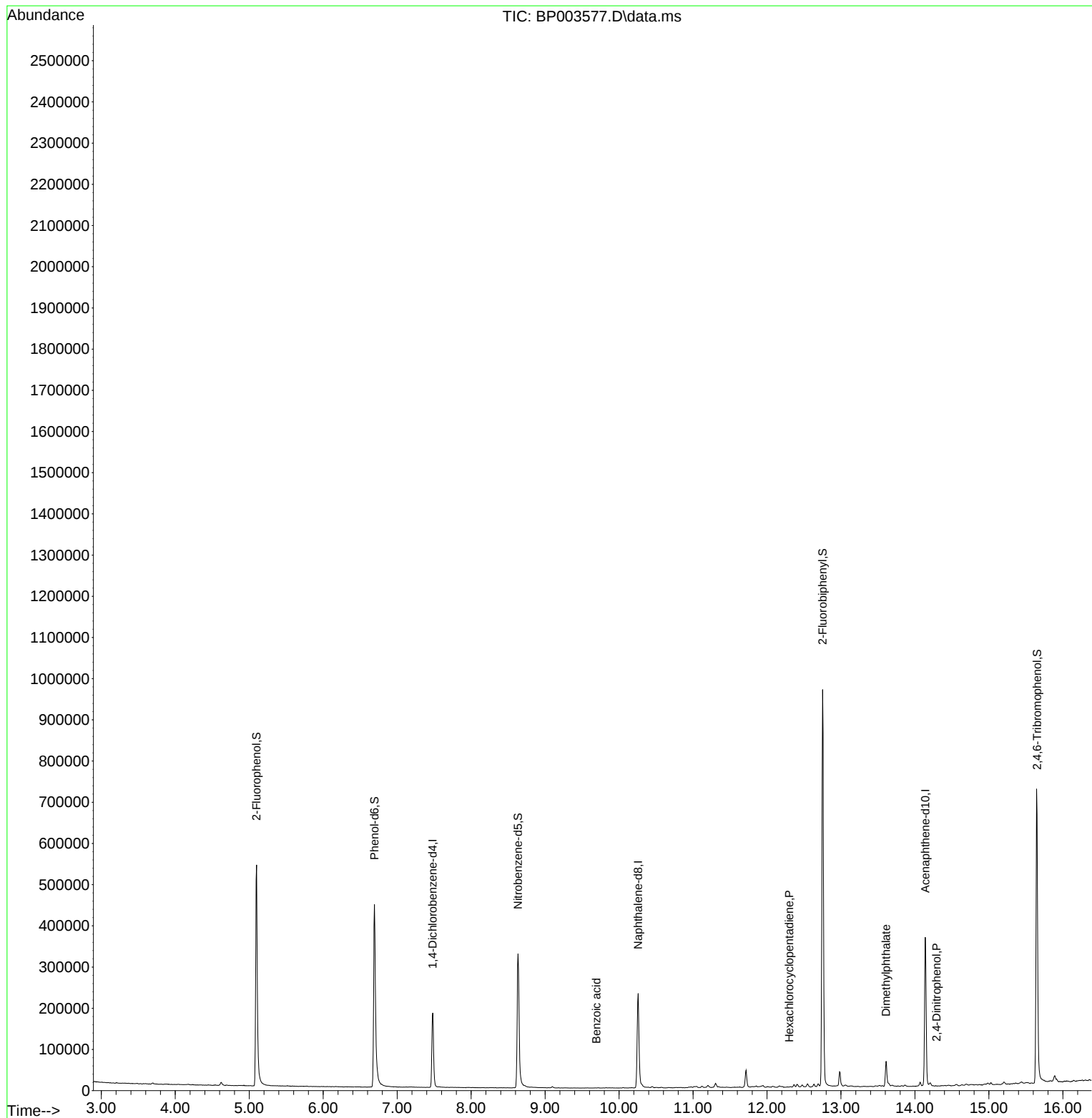
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	51492	20.00	ng	0.00
21) Naphthalene-d8	10.258	136	197063	20.00	ng	0.00
39) Acenaphthene-d10	14.140	164	119845	20.00	ng	0.00
64) Phenanthrene-d10	16.898	188	264893	20.00	ng	0.00
76) Chrysene-d12	21.010	240	299662	20.00	ng	0.00
86) Perylene-d12	23.180	264	351675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.099	112	263710	89.43	ng	0.00
7) Phenol-d6	6.693	99	307565	78.25	ng	0.00
23) Nitrobenzene-d5	8.634	82	222185	66.24	ng	0.00
42) 2,4,6-Tribromophenol	15.651	330	155861	85.27	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	502887	61.37	ng	0.00
79) Terphenyl-d14	19.486	244	801541	55.73	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.693	122	12	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.299	237	10	6.85	ng	# 62
50) Dimethylphthalate	13.610	163	42743	4.47	ng	100
54) 2,4-Dinitrophenol	14.293	184	31	7.28	ng	# 28
70) Pentachlorophenol	16.622	266	68	6.81	ng	91
71) Phenanthrene	16.945	178	43309	3.01	ng	99
75) Fluoranthene	18.934	202	102912	5.68	ng	98
78) Pyrene	19.286	202	114764	6.14	ng	100
81) Benzo(a)anthracene	20.998	228	68737	3.55	ng	# 93
83) Chrysene	21.045	228	71302	3.83	ng	# 92
87) Indeno(1,2,3-cd)pyrene	25.380	276	69138	2.59	ng	# 91
88) Benzo(b)fluoranthene	22.533	252	148181	6.67	ng	# 91
89) Benzo(k)fluoranthene	22.533	252	148181	6.96	ng	# 92
90) Benzo(a)pyrene	23.086	252	95139	4.54	ng	# 91
92) Benzo(g,h,i)perylene	26.051	276	77453	3.53	ng	94

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

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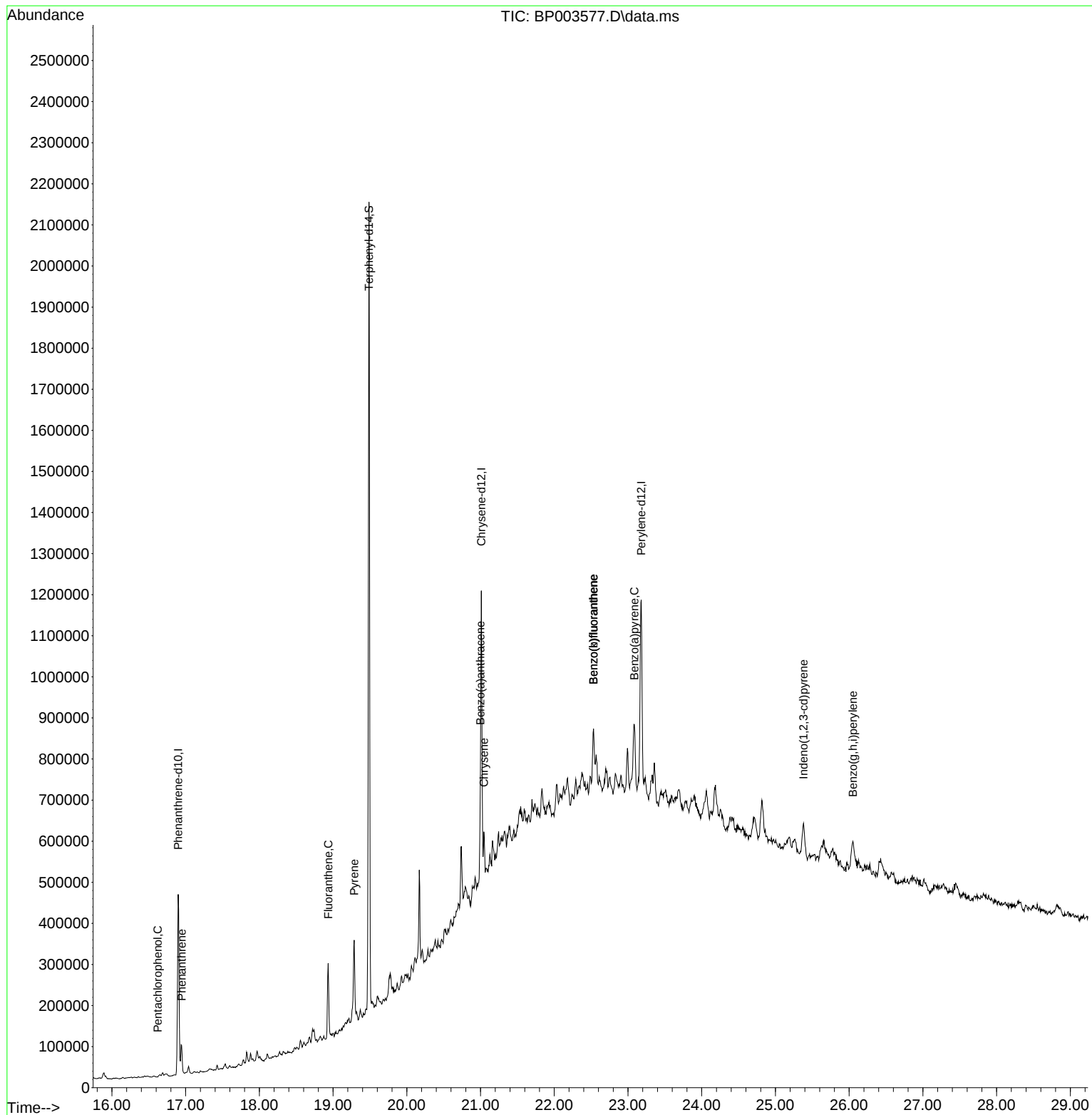
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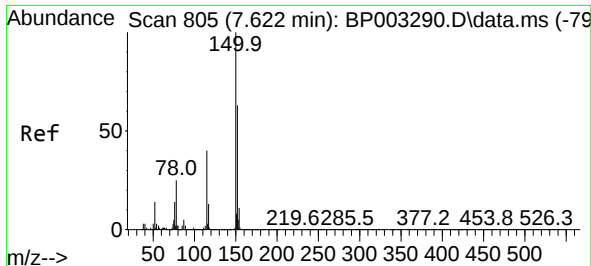


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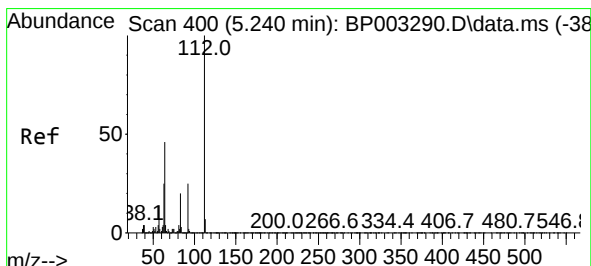
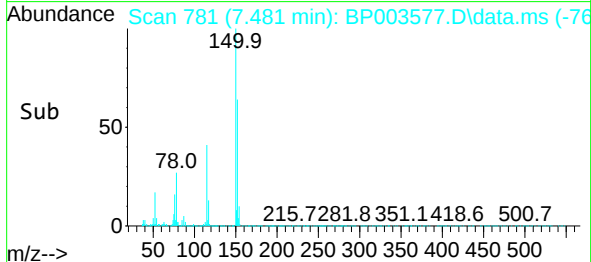
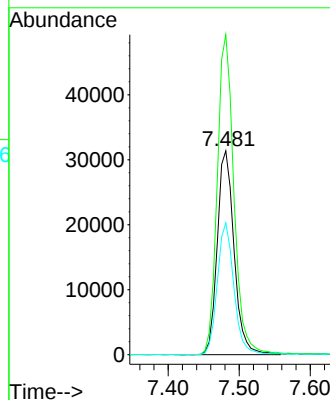
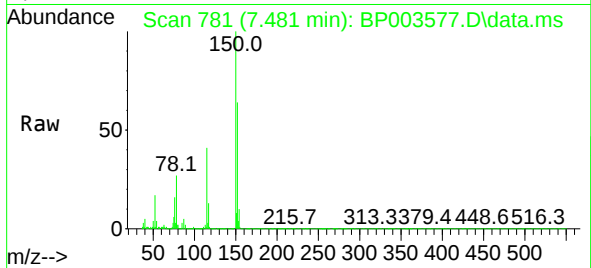




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

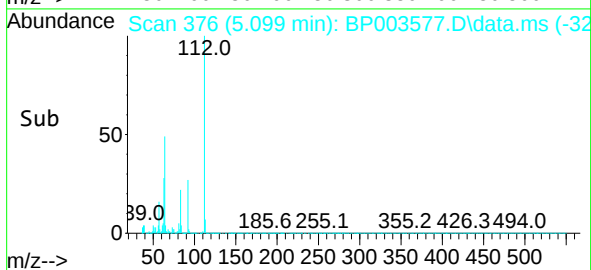
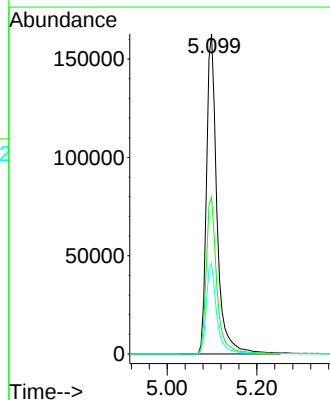
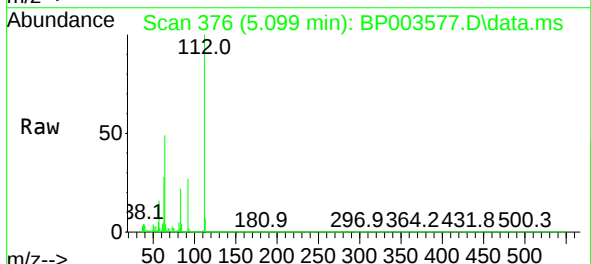
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BNA_P
ClientSampleId :
PAV-B13-100620-DP

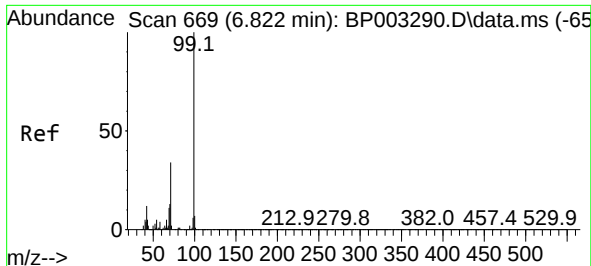
Tgt Ion:152 Resp: 51492
Ion Ratio Lower Upper
152 100
150 157.0 123.8 185.6
115 64.7 43.8 65.6



#5
2-Fluorophenol
Concen: 89.43 ng
RT: 5.099 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

Tgt Ion:112 Resp: 263710
Ion Ratio Lower Upper
112 100
64 49.1 32.8 49.2
63 28.3 17.0 25.4#

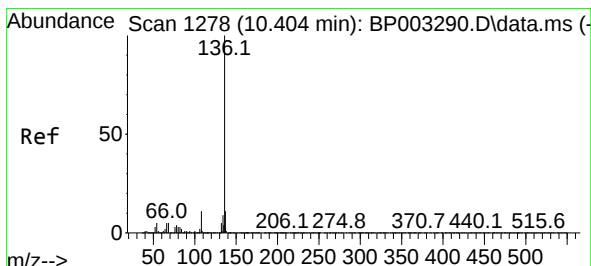
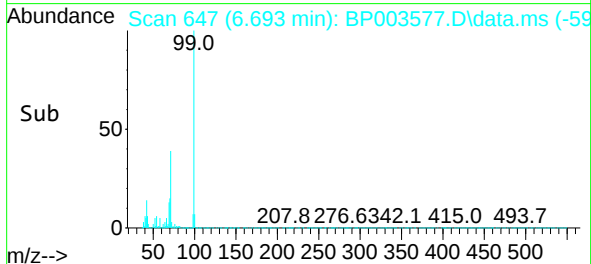
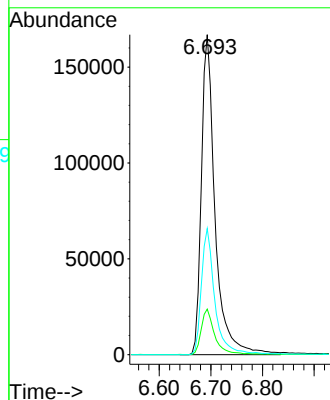
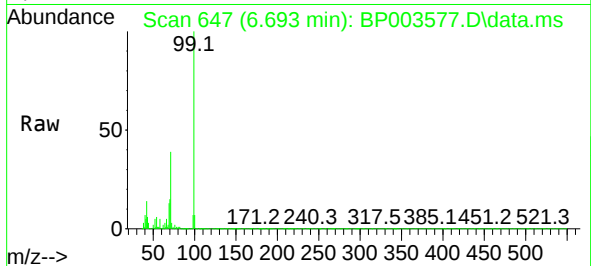




#7
Phenol-d6
Concen: 78.25 ng
RT: 6.693 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

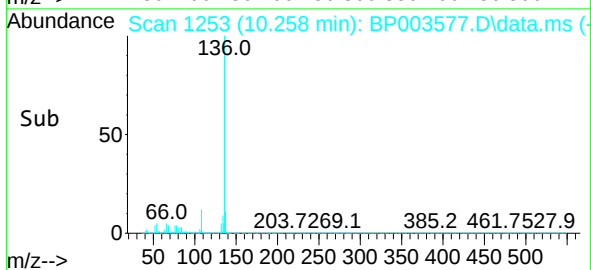
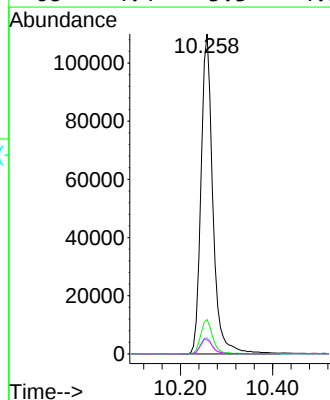
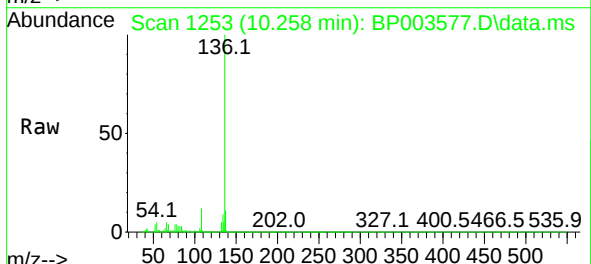
Instrument :
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ClientSampleId :
PAV-B13-100620-DP

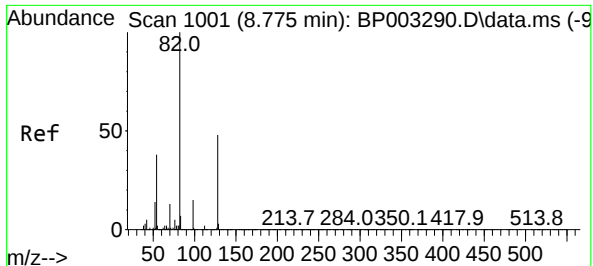
Tgt Ion: 99 Resp: 307565
Ion Ratio Lower Upper
99 100
42 14.3 8.6 13.0#
71 39.4 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.258 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

Tgt Ion: 136 Resp: 197063
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.1 3.6 5.4
68 4.4 3.3 4.9

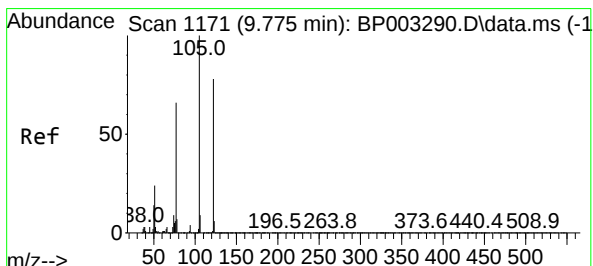
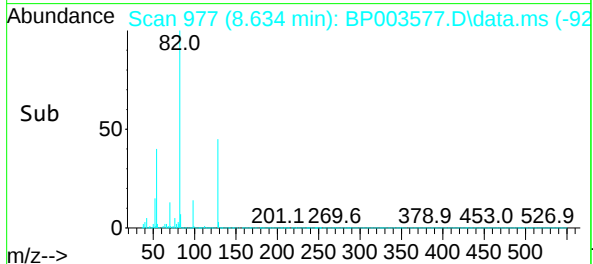
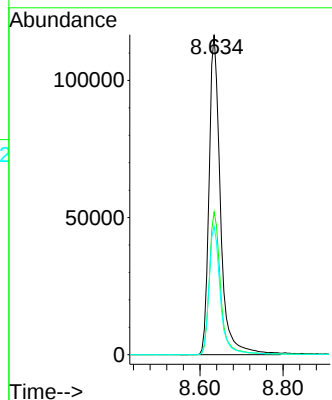
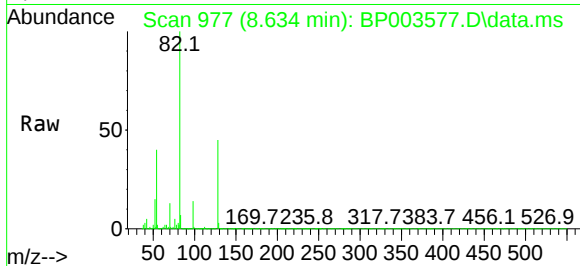




#23
Nitrobenzene-d5
Concen: 66.24 ng
RT: 8.634 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

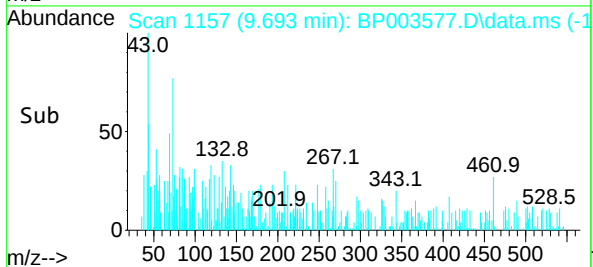
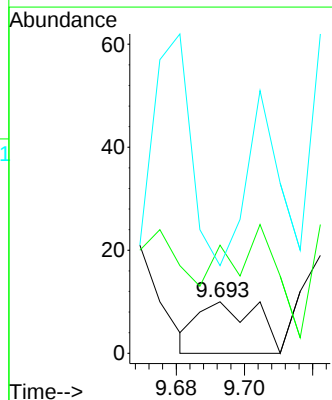
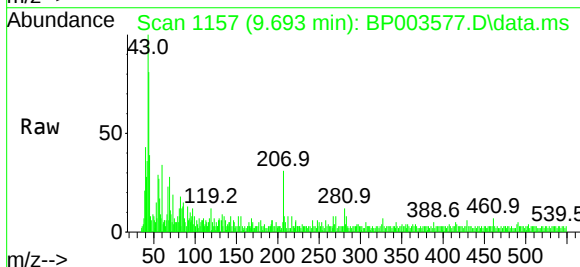
Instrument :
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ClientSampleId :
PAV-B13-100620-DP

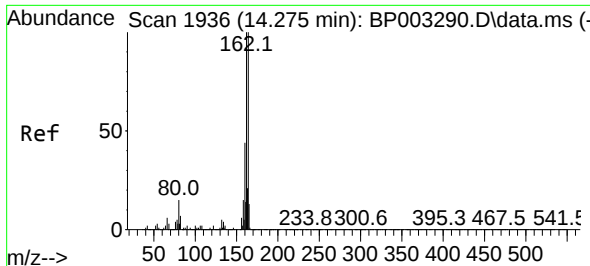
Tgt Ion: 82 Resp: 222185
Ion Ratio Lower Upper
82 100
128 44.6 45.6 68.4#
54 40.0 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.693 min Scan# 1157
Delta R.T. 0.012 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

Tgt Ion: 122 Resp: 12
Ion Ratio Lower Upper
122 100
105 210.0 94.1 134.1#
77 170.0 50.1 90.1#

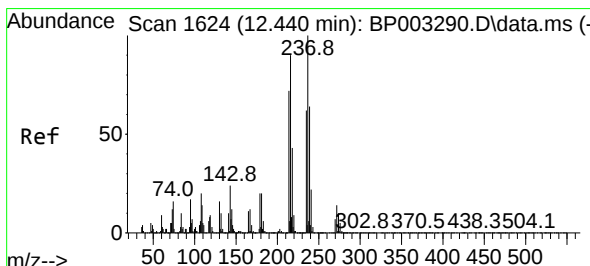
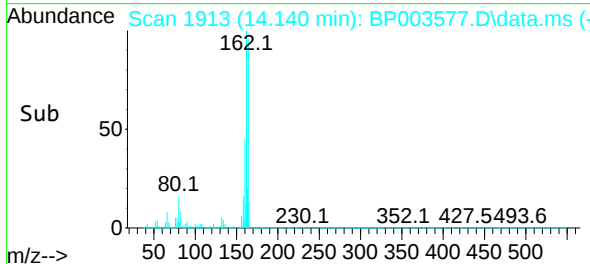
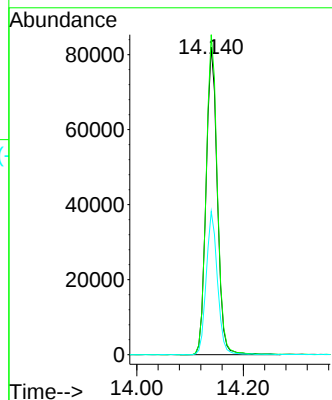
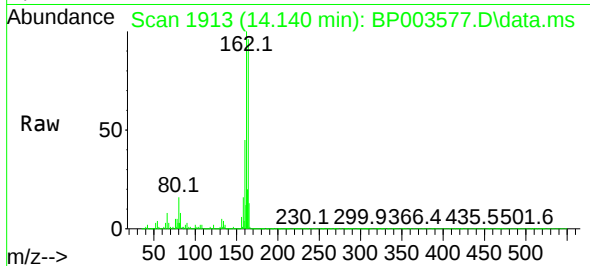




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.140 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

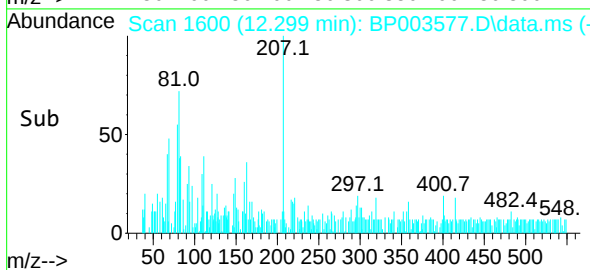
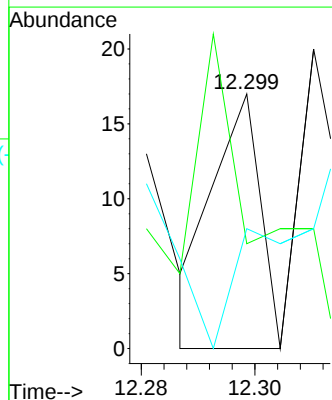
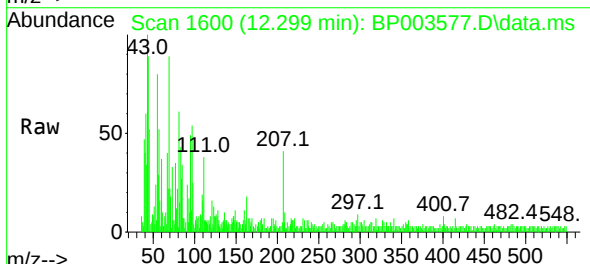
Instrument :
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ClientSampleId :
PAV-B13-100620-DP

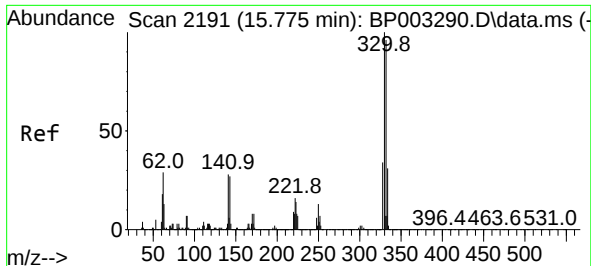
Tgt Ion:164 Resp: 119845
Ion Ratio Lower Upper
164 100
162 104.0 79.4 119.2
160 46.5 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.299 min Scan# 1600
Delta R.T. 0.006 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

Tgt Ion:237 Resp: 10
Ion Ratio Lower Upper
237 100
235 41.2 43.2 83.2#
272 47.1 0.0 33.3#

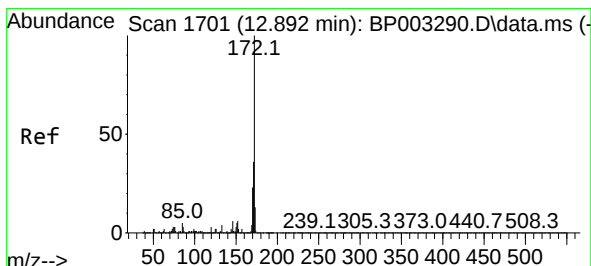
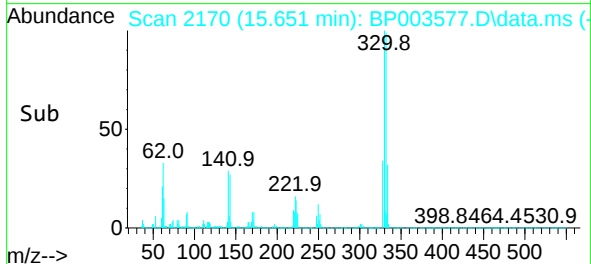
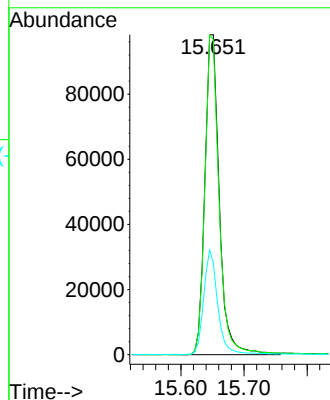
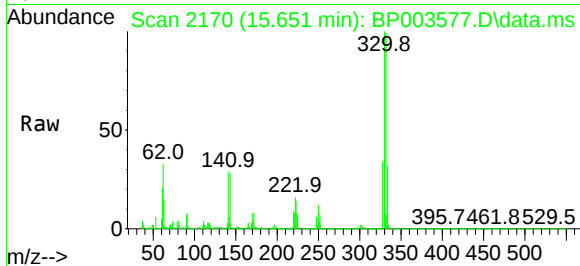




#42
2,4,6-Tribromophenol
Concen: 85.27 ng
RT: 15.651 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

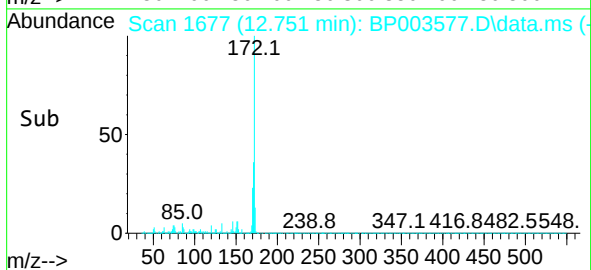
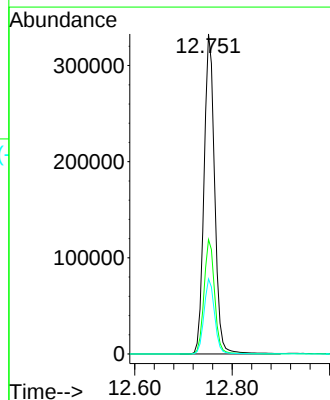
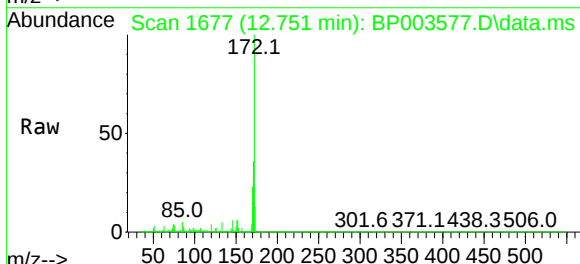
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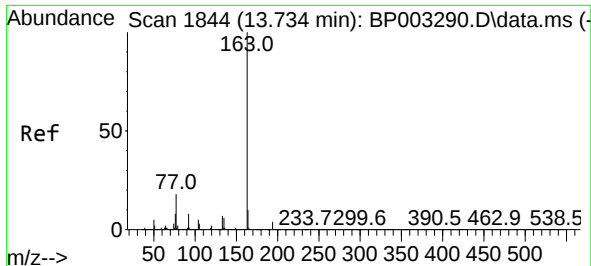
Tgt Ion:330 Resp: 155861
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 31.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 61.37 ng
RT: 12.751 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

Tgt Ion:172 Resp: 502887
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.5 19.2 28.8

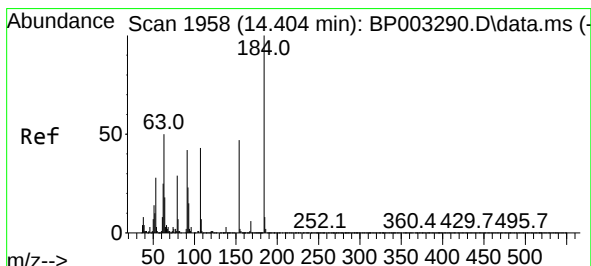
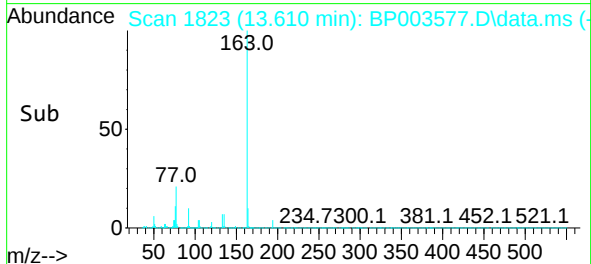
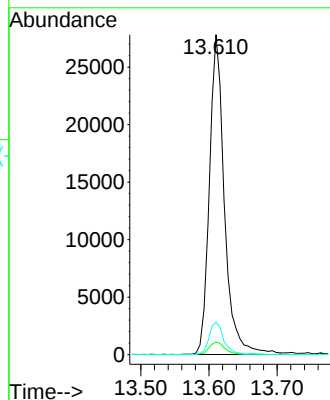
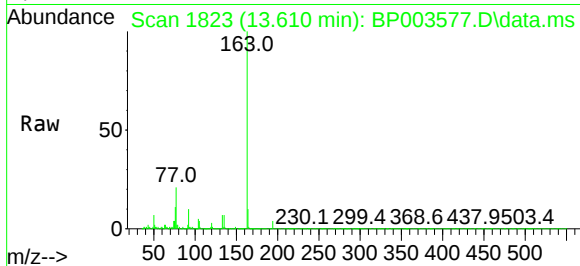




#50
Dimethylphthalate
Concen: 4.47 ng
RT: 13.610 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

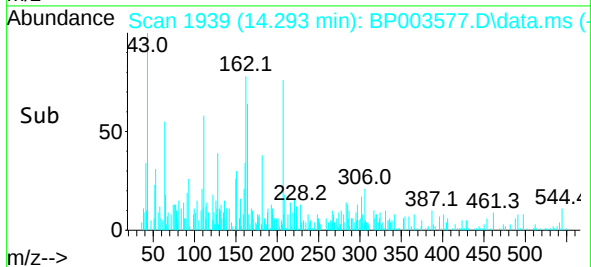
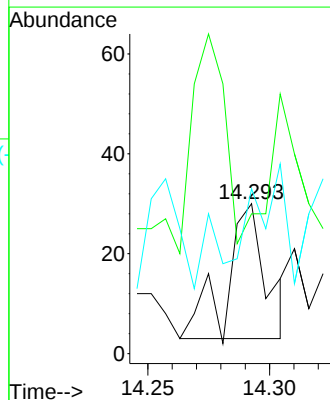
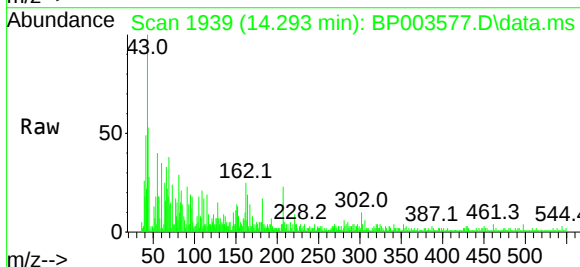
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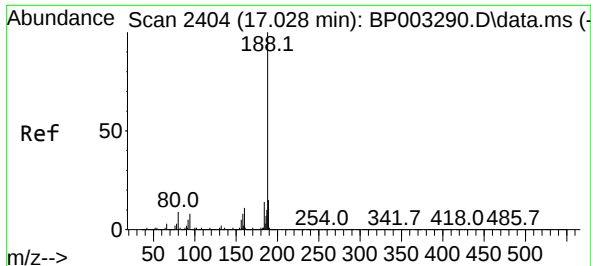
Tgt Ion:163 Resp: 42743
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.28 ng
RT: 14.293 min Scan# 1939
Delta R.T. -0.023 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

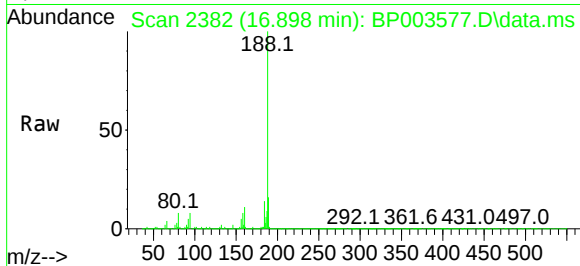
Tgt Ion:184 Resp: 31
Ion Ratio Lower Upper
184 100
63 93.3 32.3 48.5#
154 110.0 49.1 73.7#



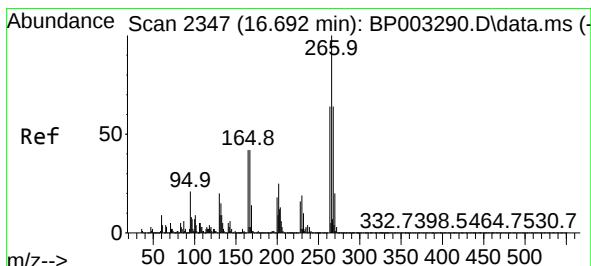
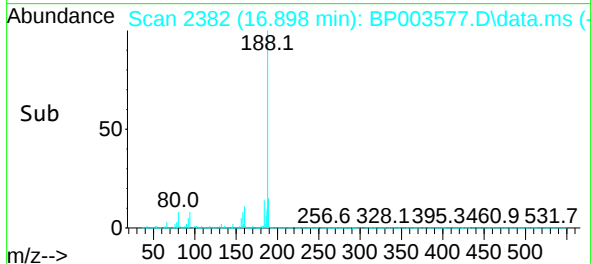
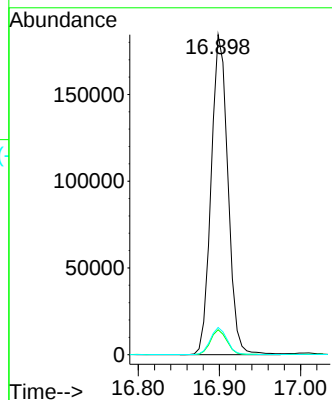


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.898 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

Instrument :
BNA_P
ClientSampleId :
PAV-B13-100620-DP

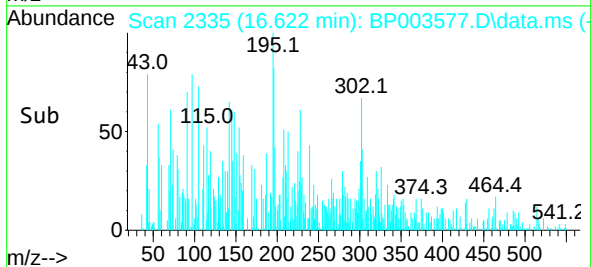
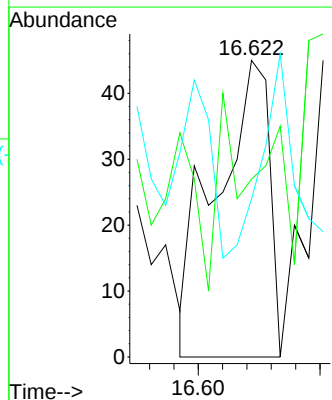
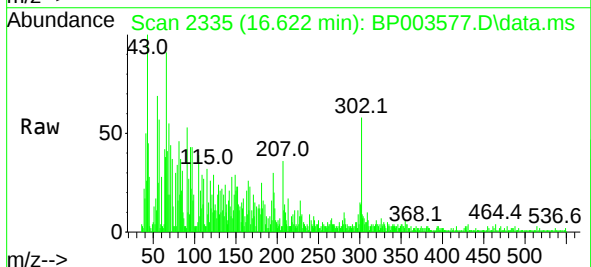


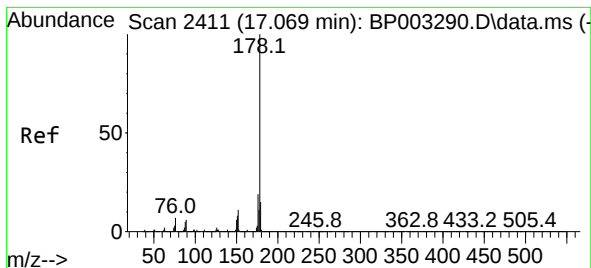
Tgt Ion:188 Resp: 264893
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 8.5 6.2 9.2



#70
Pentachlorophenol
Concen: 6.81 ng
RT: 16.622 min Scan# 2335
Delta R.T. 0.041 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

Tgt Ion:266 Resp: 68
Ion Ratio Lower Upper
266 100
268 60.0 51.1 76.7
264 53.3 50.6 76.0

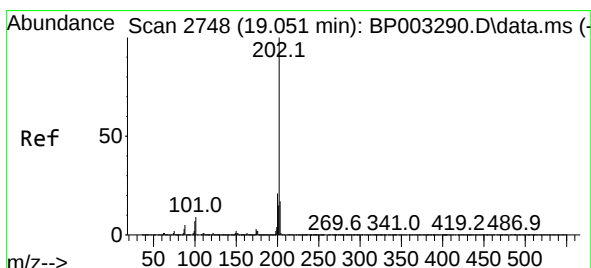
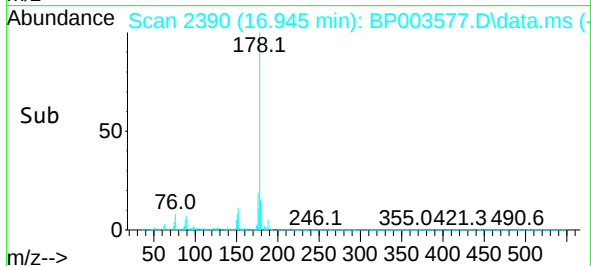
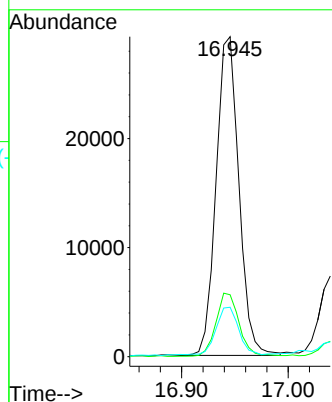
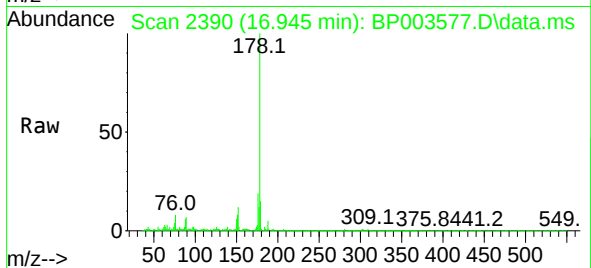




#71
Phenanthrene
Concen: 3.01 ng
RT: 16.945 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

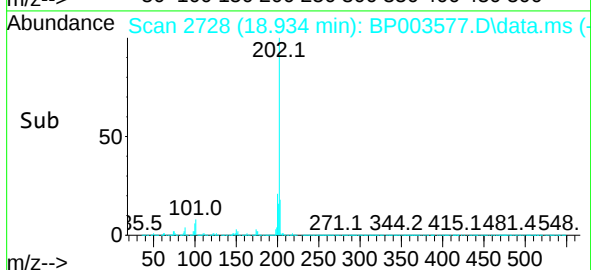
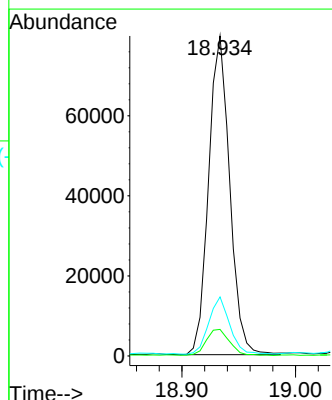
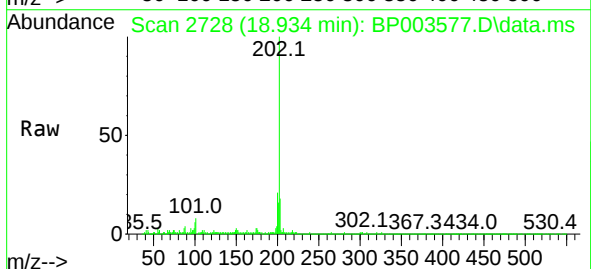
Instrument :
BNA_P
ClientSampleId :
PAV-B13-100620-DP

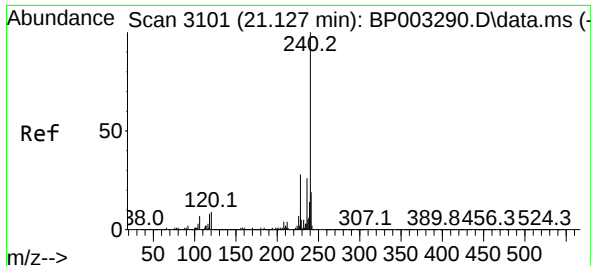
Tgt Ion:178 Resp: 43309
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.4 12.5 18.7



#75
Fluoranthene
Concen: 5.68 ng
RT: 18.934 min Scan# 2728
Delta R.T. 0.000 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

Tgt Ion:202 Resp: 102912
Ion Ratio Lower Upper
202 100
101 8.3 0.0 29.4
203 18.4 0.0 37.8

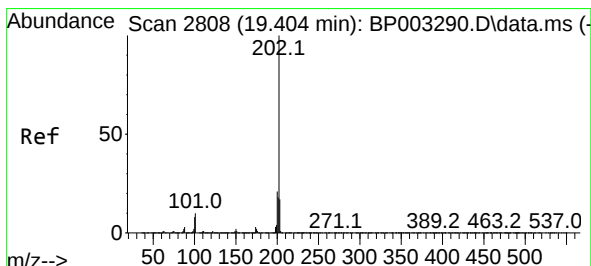
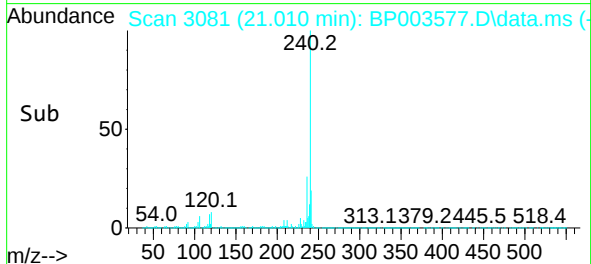
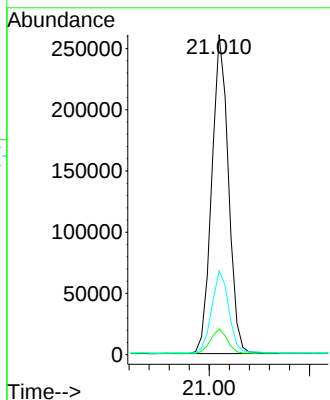
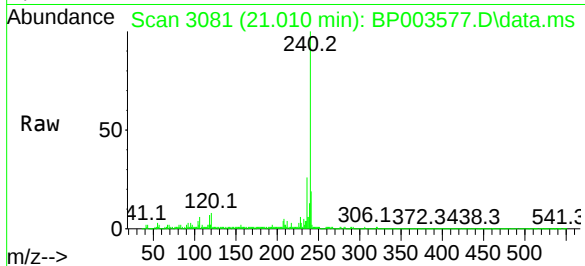




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.010 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

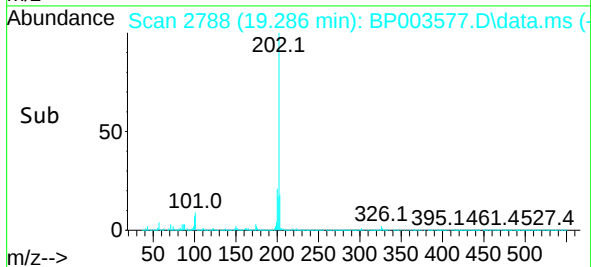
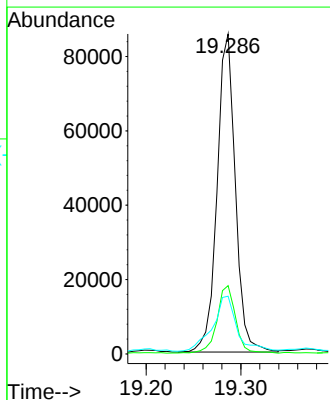
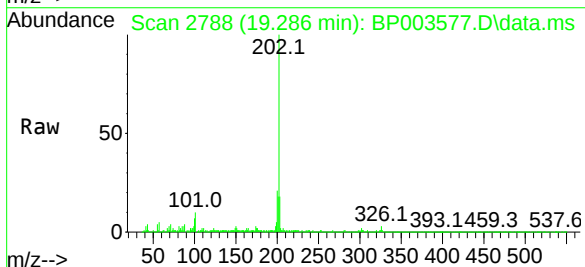
Instrument :
BNA_P
ClientSampleId :
PAV-B13-100620-DP

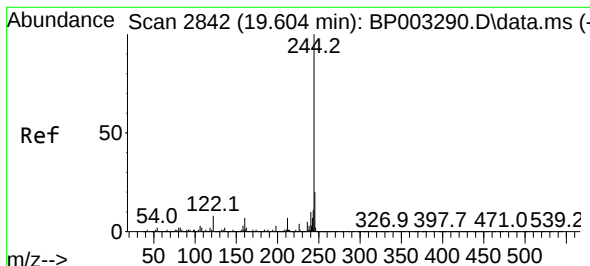
Tgt Ion:240 Resp: 299662
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.6
236 26.3 20.8 31.2



#78
Pyrene
Concen: 6.14 ng
RT: 19.286 min Scan# 2788
Delta R.T. 0.000 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

Tgt Ion:202 Resp: 114764
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 18.1 14.2 21.2





#79

Terphenyl-d14

Concen: 55.73 ng

RT: 19.486 min Scan# 2822

Delta R.T. 0.000 min

Lab File: BP003577.D

Acq: 08 Oct 2020 18:23

Instrument :

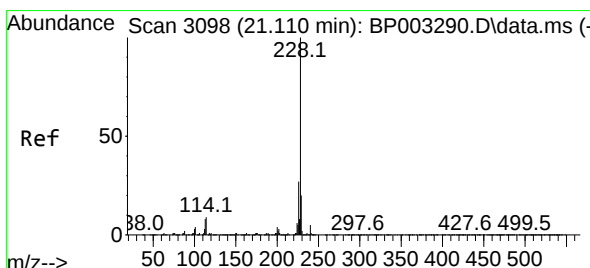
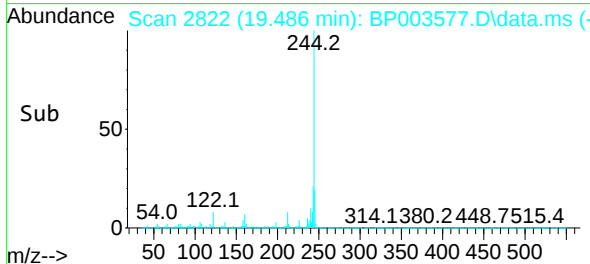
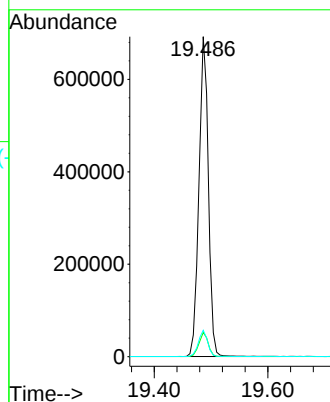
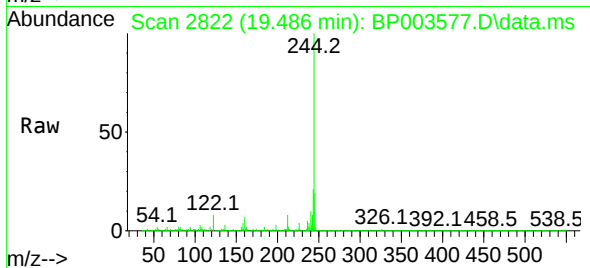
BNA_P

ClientSampleId :

PAV-B13-100620-DP

Tgt Ion:244 Resp: 801541

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	8.2	7.8	11.8



#81

Benzo(a)anthracene

Concen: 3.55 ng

RT: 20.998 min Scan# 3079

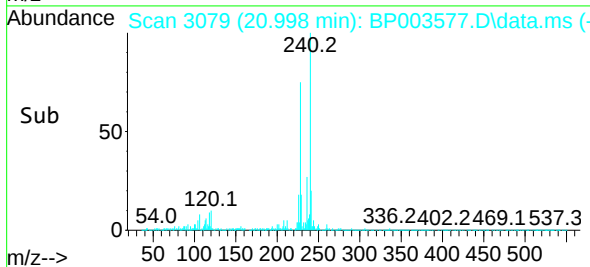
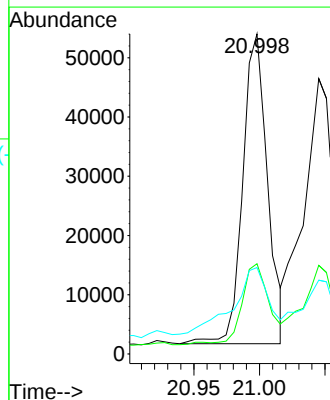
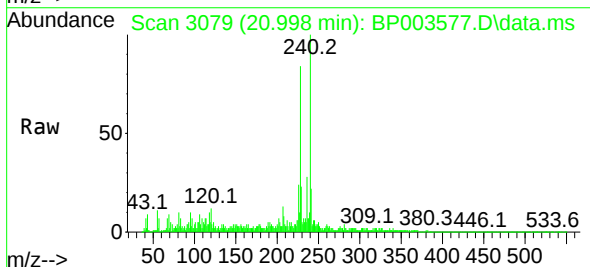
Delta R.T. 0.000 min

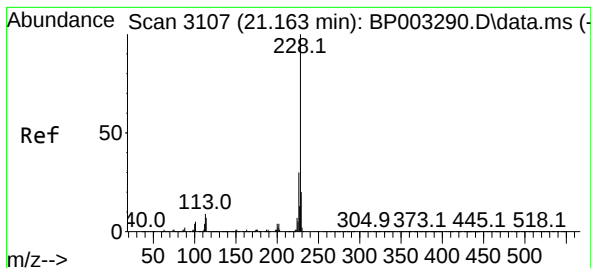
Lab File: BP003577.D

Acq: 08 Oct 2020 18:23

Tgt Ion:228 Resp: 68737

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.1	33.1
229	27.0	15.9	23.9





#83

Chrysene

Concen: 3.83 ng

RT: 21.045 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BP003577.D

Acq: 08 Oct 2020 18:23

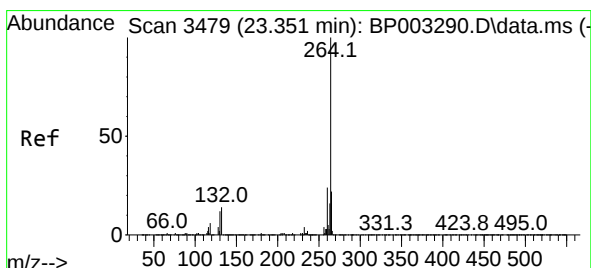
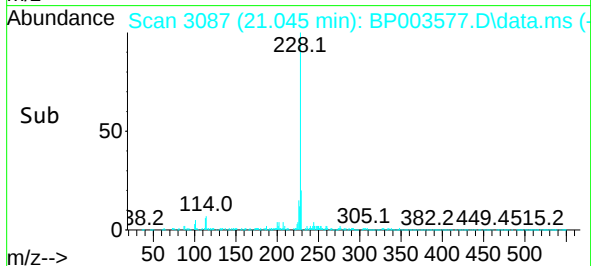
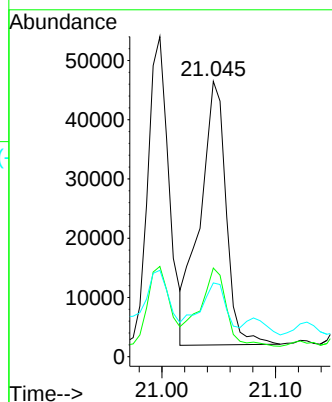
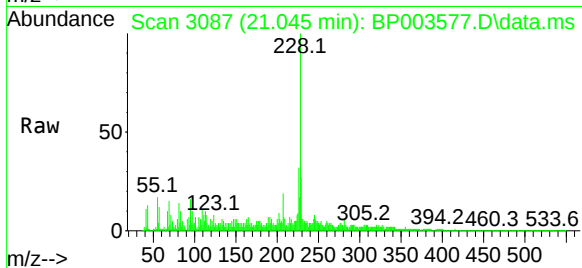
Tgt Ion:228	Resp:	71302
Ion Ratio	Lower	Upper
228	100	
226	32.2	24.4 36.6
229	26.8	15.8 23.6#

Instrument :

BNA_P

ClientSampleId :

PAV-B13-100620-DP



#86

Perylene-d12

Concen: 20.00 ng

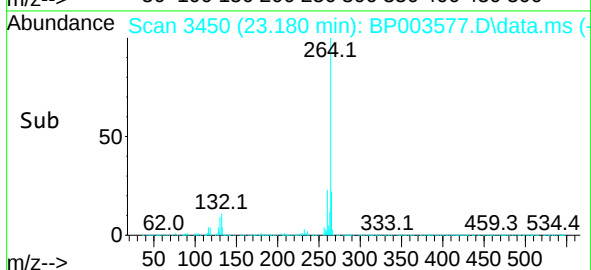
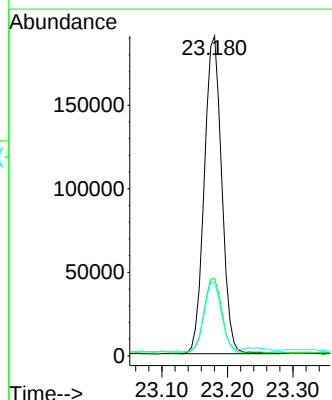
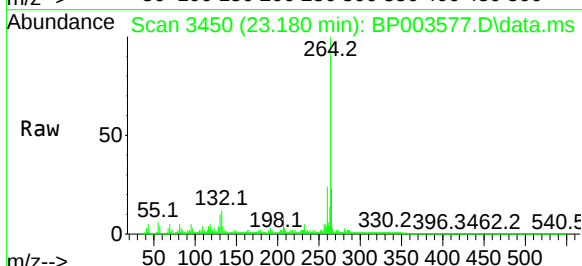
RT: 23.180 min Scan# 3450

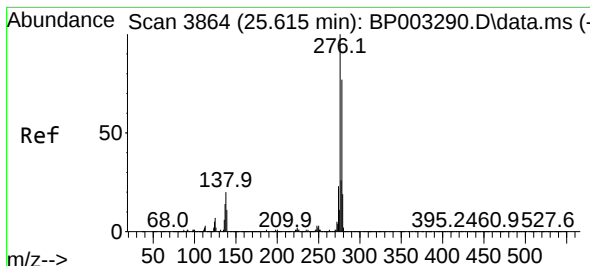
Delta R.T. 0.006 min

Lab File: BP003577.D

Acq: 08 Oct 2020 18:23

Tgt Ion:264	Resp:	351675
Ion Ratio	Lower	Upper
264	100	
260	24.2	18.8 28.2
265	22.9	17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.59 ng

RT: 25.380 min Scan# 3824

Delta R.T. 0.012 min

Lab File: BP003577.D

Acq: 08 Oct 2020 18:23

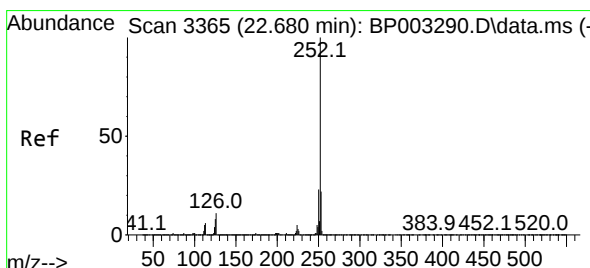
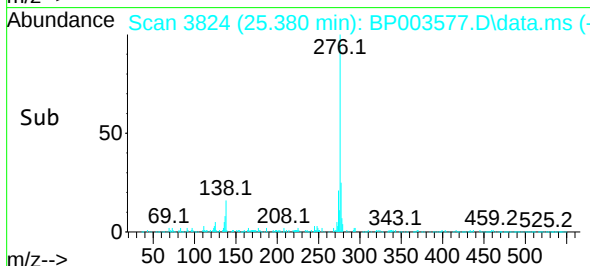
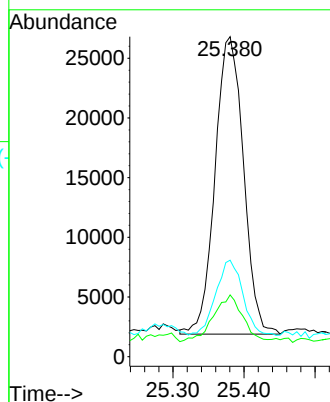
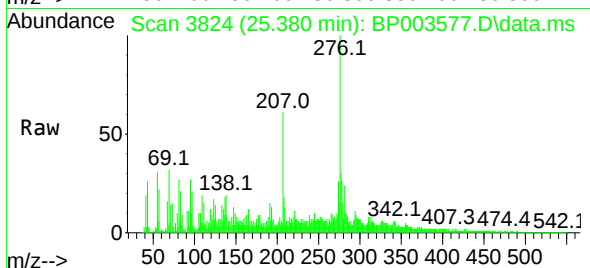
Tgt Ion:	276	Resp:	69138
Ion Ratio	Lower	Upper	
276	100		
138	16.1	18.7	28.1#
277	24.1	20.4	30.6

Instrument :

BNA_P

ClientSampleId :

PAV-B13-100620-DP



#88

Benzo(b)fluoranthene

Concen: 6.67 ng

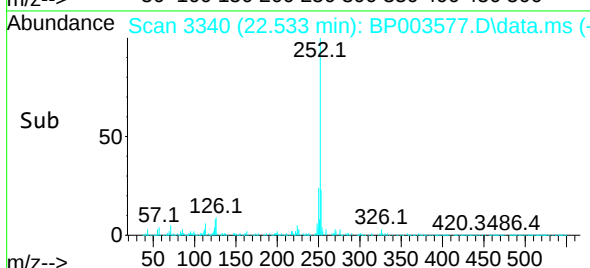
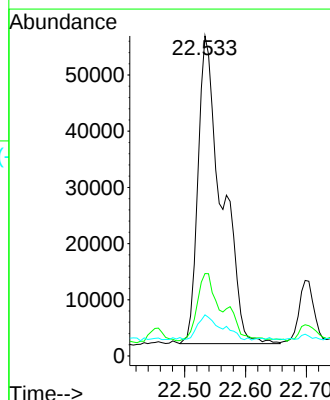
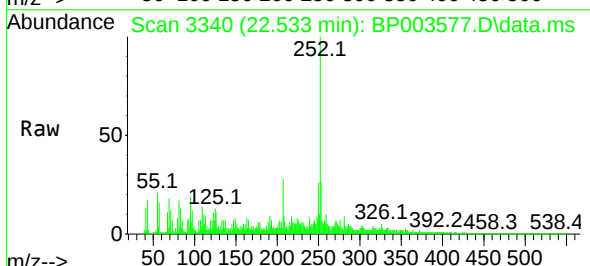
RT: 22.533 min Scan# 3340

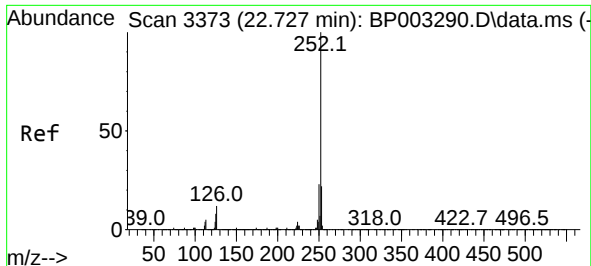
Delta R.T. 0.006 min

Lab File: BP003577.D

Acq: 08 Oct 2020 18:23

Tgt Ion:	252	Resp:	148181
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.6	26.4
125	12.8	7.3	10.9#

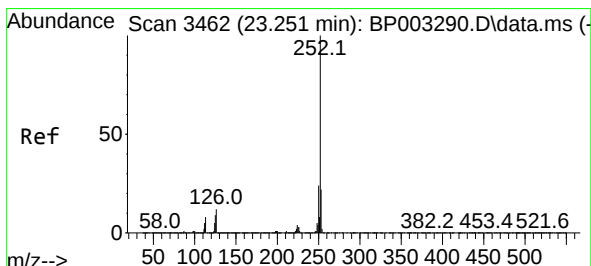
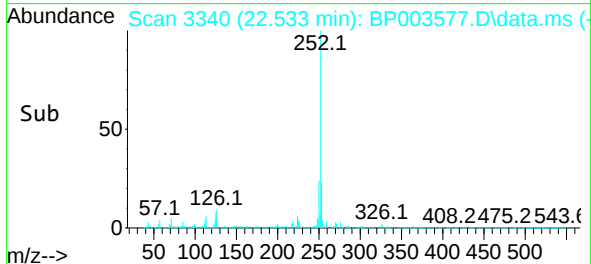
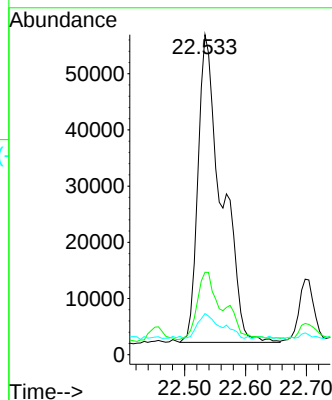
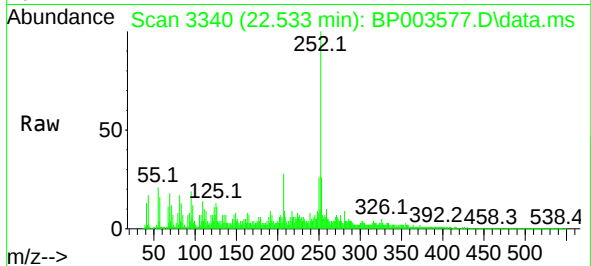




#89
Benzo(k)fluoranthene
Concen: 6.96 ng
RT: 22.533 min Scan# 3340
Delta R.T. -0.035 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

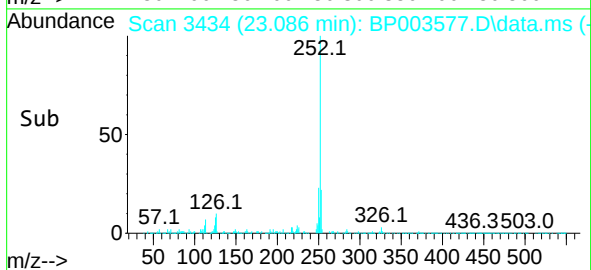
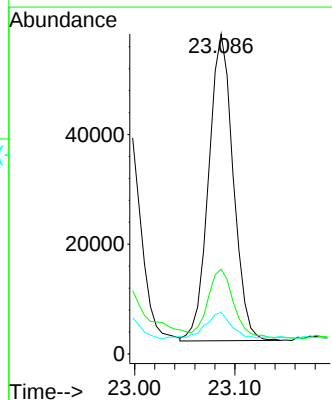
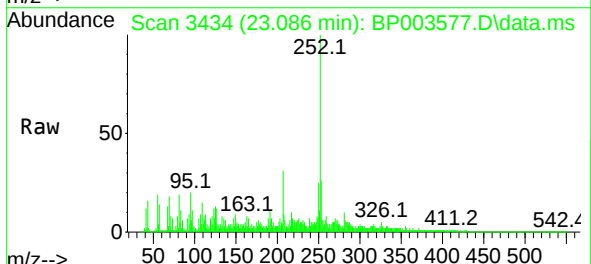
Instrument :
BNA_P
ClientSampleId :
PAV-B13-100620-DP

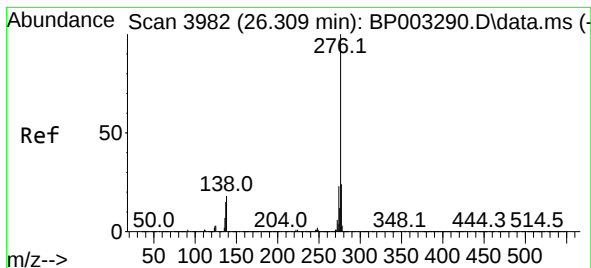
Tgt Ion:252 Resp: 148181
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.8
125 12.8 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 4.54 ng
RT: 23.086 min Scan# 3434
Delta R.T. 0.006 min
Lab File: BP003577.D
Acq: 08 Oct 2020 18:23

Tgt Ion:252 Resp: 95139
Ion Ratio Lower Upper
252 100
253 26.5 17.4 26.0#
125 13.0 8.2 12.4#





#92

Benzo(g,h,i)perylene

Concen: 3.53 ng

RT: 26.051 min Scan# 3938

Delta R.T. 0.018 min

Lab File: BP003577.D

Acq: 08 Oct 2020 18:23

Instrument :

BNA_P

ClientSampleId :

PAV-B13-100620-DP

Tgt Ion:276 Resp: 77453

Ion Ratio Lower Upper

276 100

277 27.3 19.0 28.6

138 18.0 16.6 24.8

