

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
 Data File : BP003908.D
 Acq On : 10 Nov 2020 18:26
 Operator : CG/JU
 Sample : L4680-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B7-110520-0-10

Quant Time: Nov 11 00:12:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:41:24 2020
 Response via : Initial Calibration

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

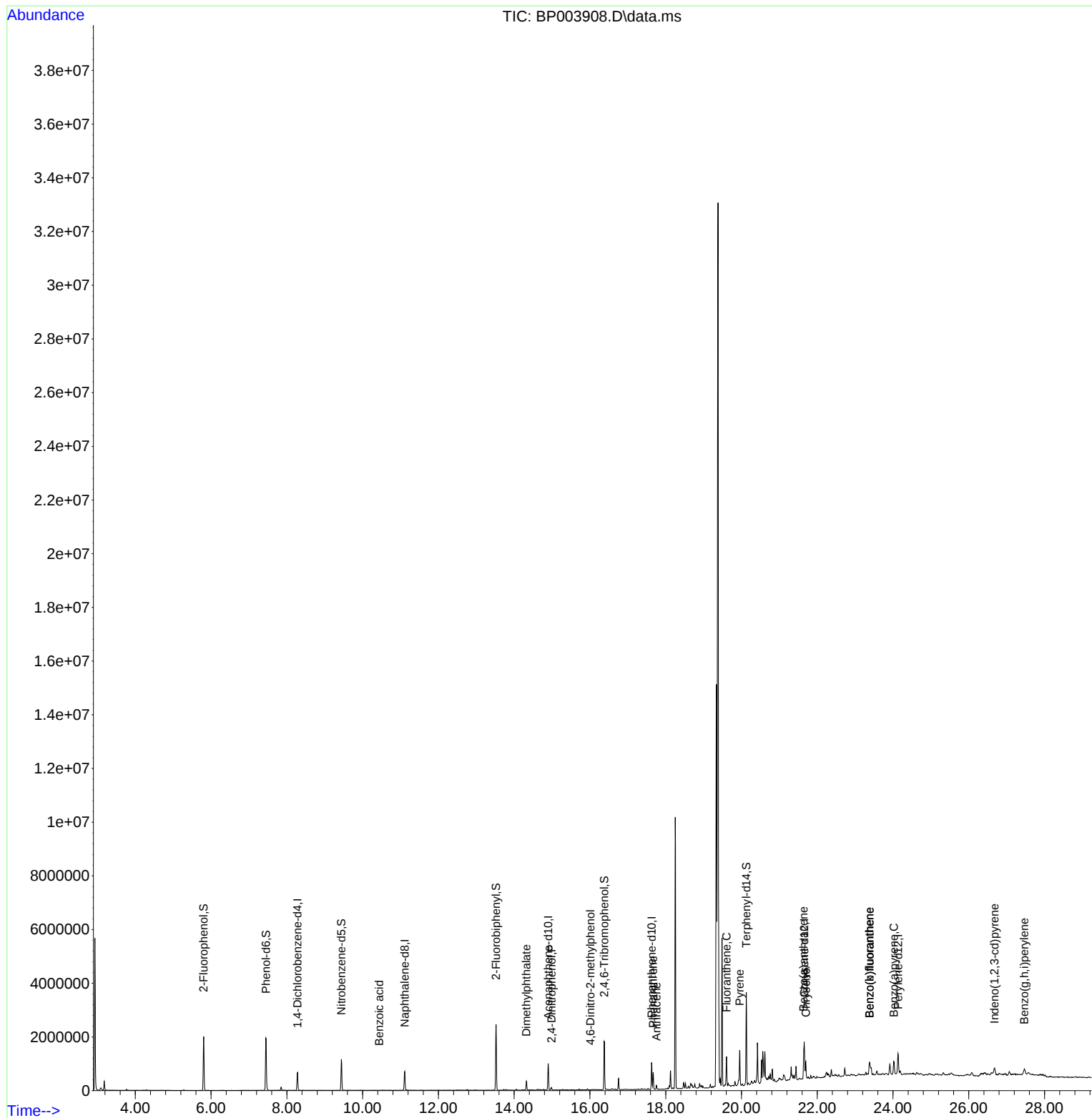
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	174323	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	563365	20.00	ng	# 0.00
39) Acenaphthene-d10	14.898	164	325572	20.00	ng	0.00
64) Phenanthrene-d10	17.628	188	591334	20.00	ng	0.00
76) Chrysene-d12	21.657	240	591455	20.00	ng	0.00
86) Perylene-d12	24.133	264	630937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	795423	76.15	ng	0.00
7) Phenol-d6	7.446	99	1082017	72.17	ng	0.00
23) Nitrobenzene-d5	9.440	82	629092	54.69	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	328018	80.55	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	1230114	52.82	ng	0.00
79) Terphenyl-d14	20.128	244	1401462	45.78	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.393	77	659	Below Cal	#	45
32) Benzoic acid	10.440	122	27	8.31 ng	#	1
50) Dimethylphthalate	14.322	163	207978	8.17 ng		100
54) 2,4-Dinitrophenol	14.987	184	325	2.91 ng	#	65
65) 4,6-Dinitro-2-methylph...	16.016	198	10	6.34 ng	#	1
71) Phenanthrene	17.669	178	375865	11.33 ng		99
72) Anthracene	17.757	178	88775	2.77 ng		99
75) Fluoranthene	19.604	202	601108	15.70 ng		99
78) Pyrene	19.951	202	793662	19.77 ng		98
81) Benzo(a)anthracene	21.639	228	427548	10.96 ng		98
83) Chrysene	21.698	228	393004	10.49 ng		97
87) Indeno(1,2,3-cd)pyrene	26.680	276	238801	5.25 ng	#	95
88) Benzo(b)fluoranthene	23.380	252	586505	14.20 ng		98
89) Benzo(k)fluoranthene	23.380	252	586505	14.39 ng		98
90) Benzo(a)pyrene	24.021	252	382247	10.00 ng		97
92) Benzo(g,h,i)perylene	27.468	276	268989	7.32 ng		97

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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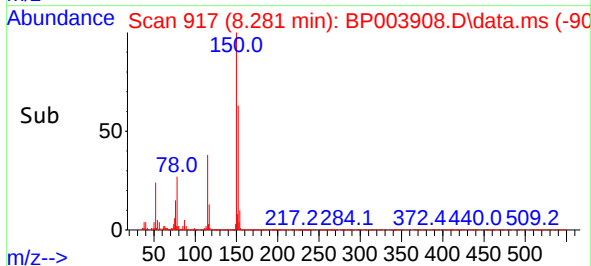
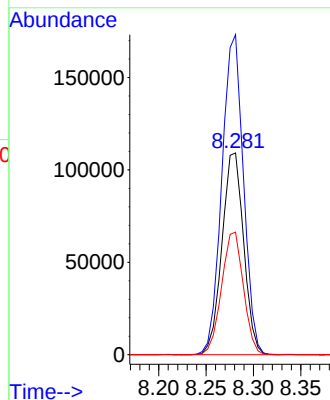
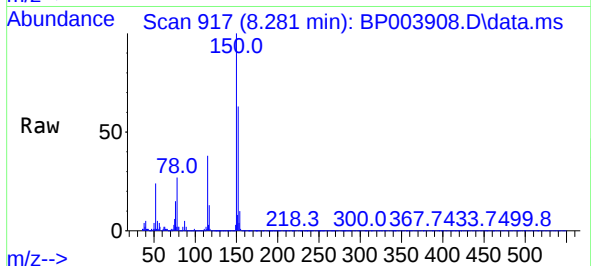




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

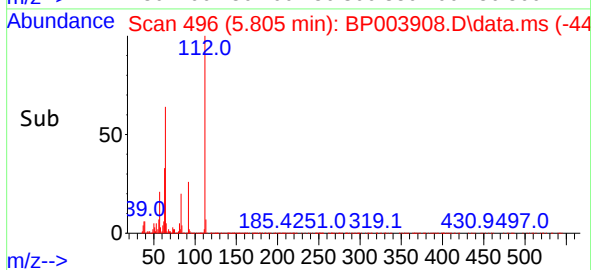
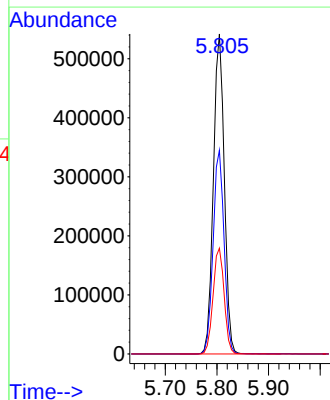
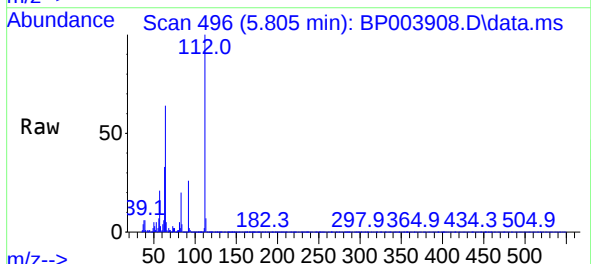
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-0-10

Tgt Ion:152 Resp: 174323
Ion Ratio Lower Upper
152 100
150 158.6 123.8 185.6
115 60.8 43.8 65.6



#5
2-Fluorophenol
Concen: 76.15 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

Tgt Ion:112 Resp: 795423
Ion Ratio Lower Upper
112 100
64 63.7 32.8 49.2#
63 33.1 17.0 25.4#

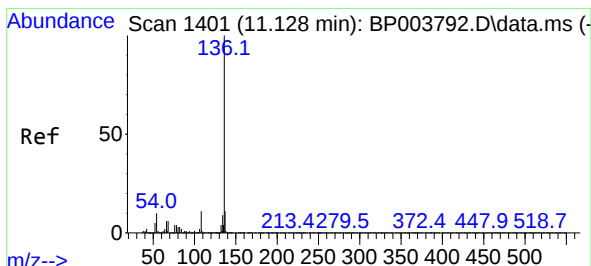
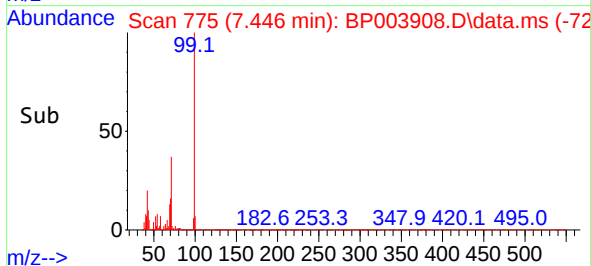
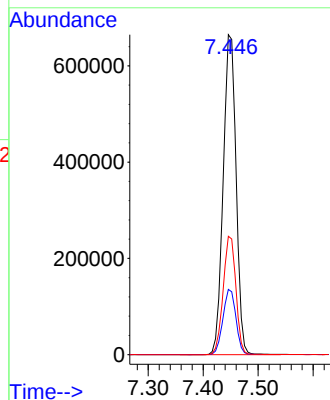
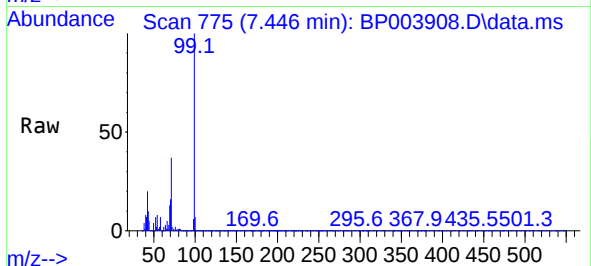




#7
Phenol-d6
Concen: 72.17 ng
RT: 7.446 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

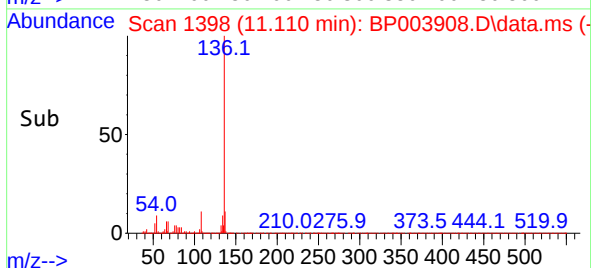
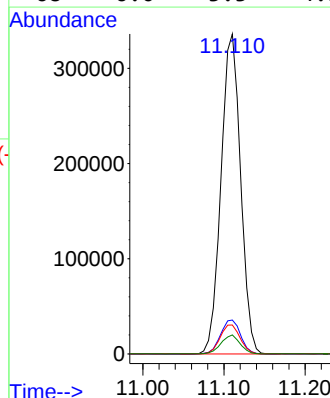
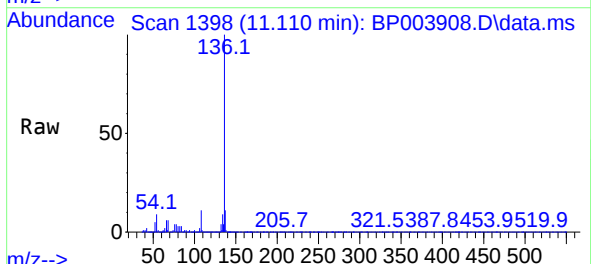
Instrument :
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ClientSampleId :
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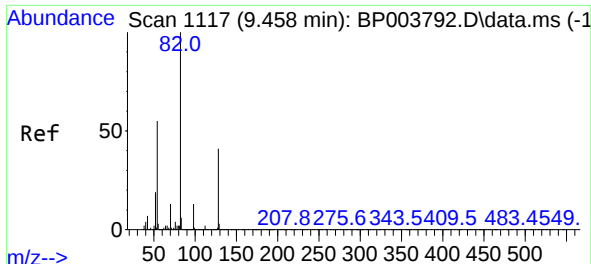
Tgt Ion: 99 Resp: 1082017
Ion Ratio Lower Upper
99 100
42 20.4 8.6 13.0#
71 37.0 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

Tgt Ion: 136 Resp: 563365
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.1 3.6 5.4#
68 6.0 3.3 4.9#

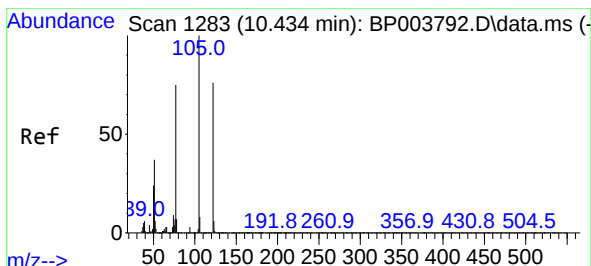
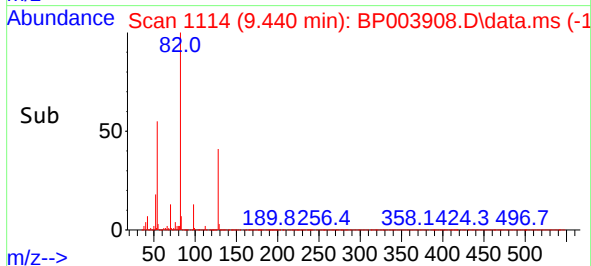
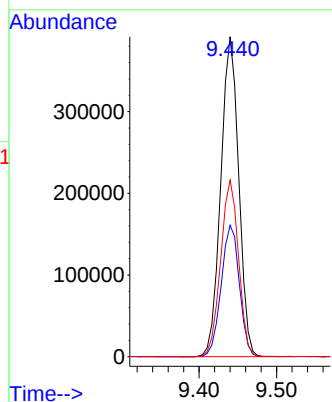
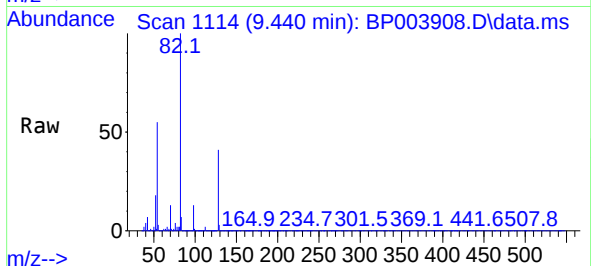




#23
Nitrobenzene-d5
Concen: 54.69 ng
RT: 9.440 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

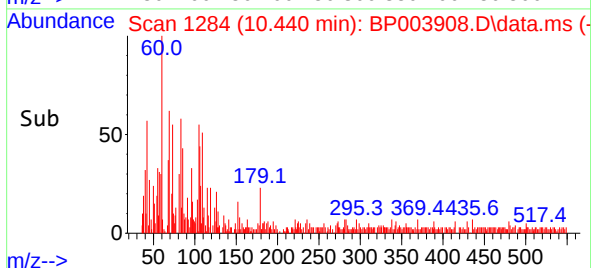
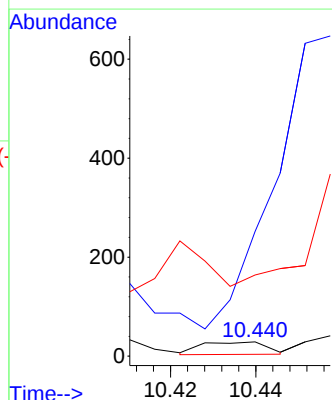
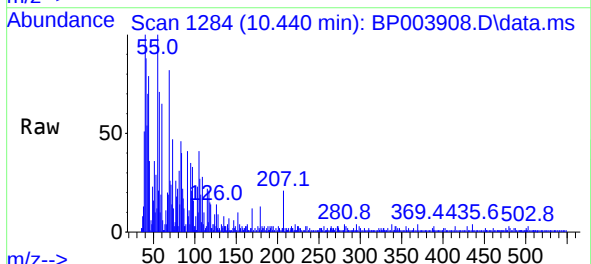
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-0-10

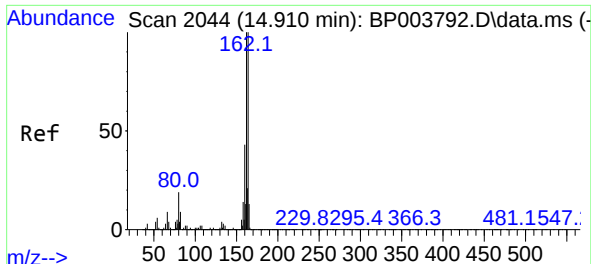
Tgt Ion: 82 Resp: 629092
Ion Ratio Lower Upper
82 100
128 41.0 45.6 68.4#
54 55.1 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.440 min Scan# 1284
Delta R.T. 0.012 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

Tgt Ion: 122 Resp: 27
Ion Ratio Lower Upper
122 100
105 869.0 94.1 134.1#
77 565.5 50.1 90.1#

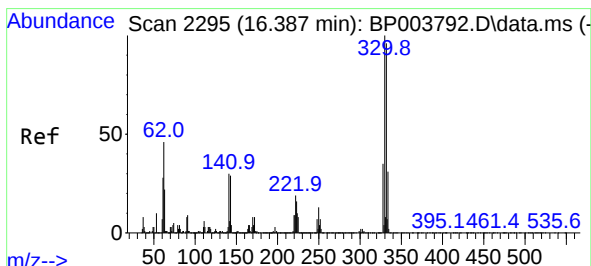
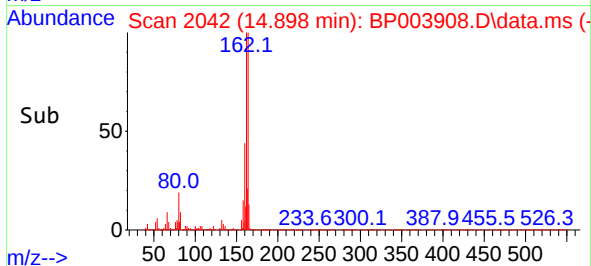
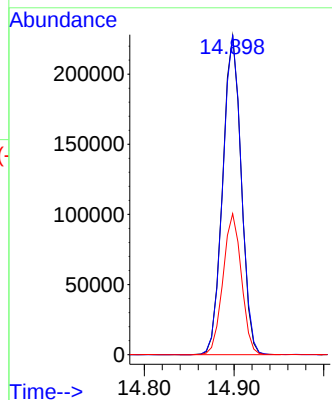
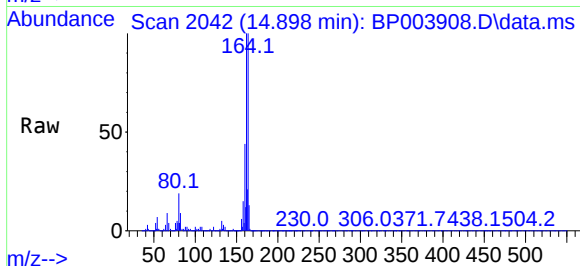




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.898 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

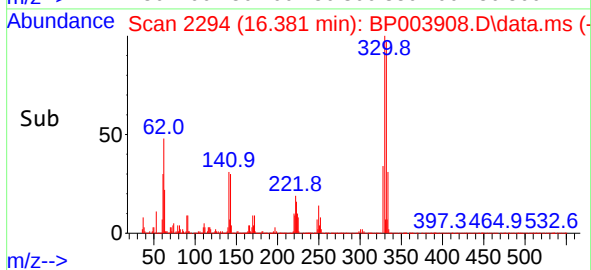
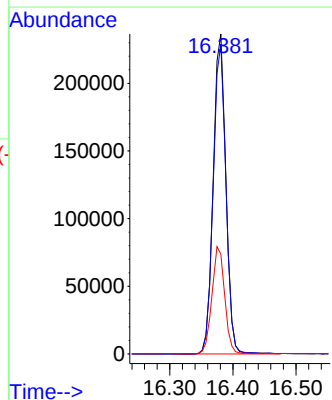
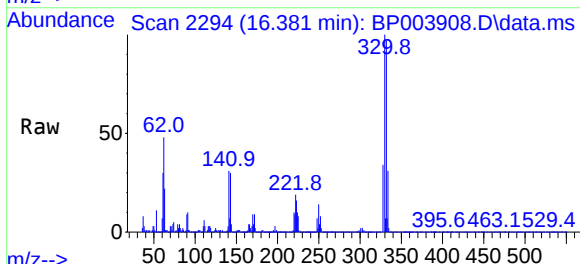
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ClientSampleId :
PAV-B7-110520-0-10

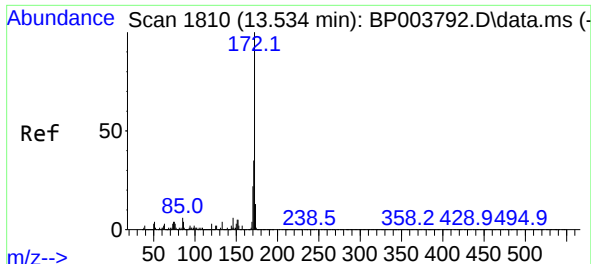
Tgt Ion:164 Resp: 325572
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.2
160 44.2 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 80.55 ng
RT: 16.381 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

Tgt Ion:330 Resp: 328018
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 33.8 23.4 35.2

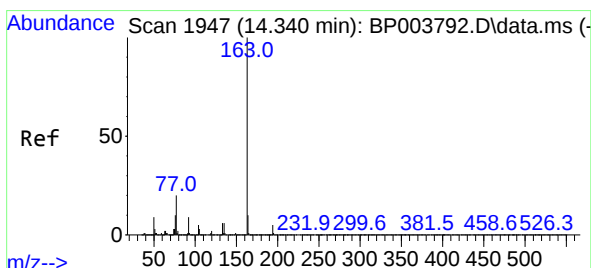
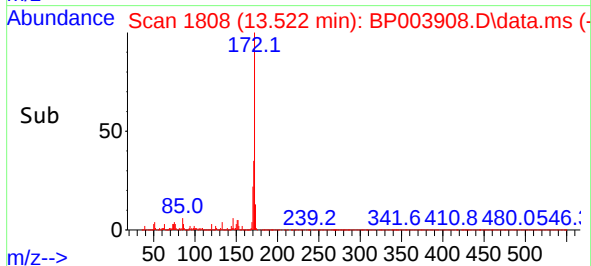
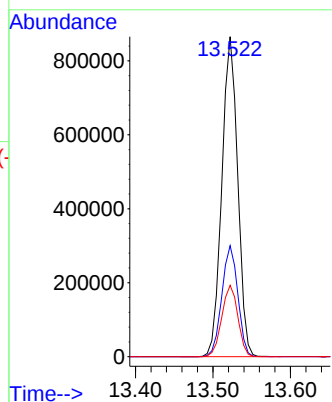
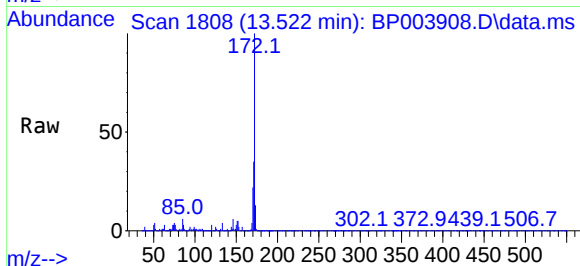




#45
2-Fluorobiphenyl
Concen: 52.82 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

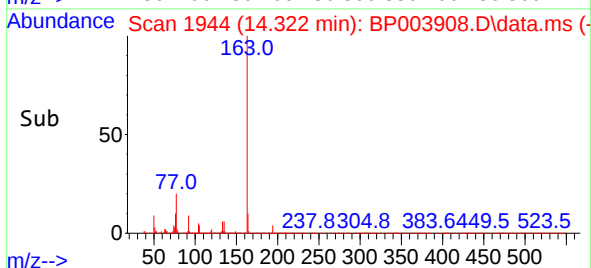
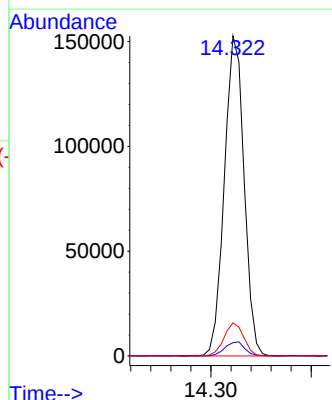
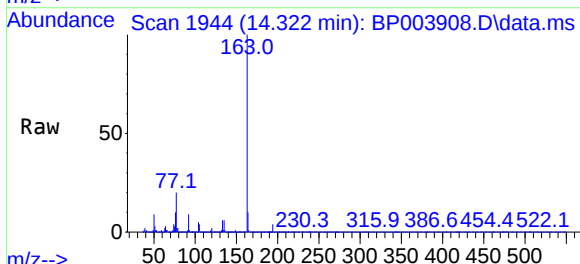
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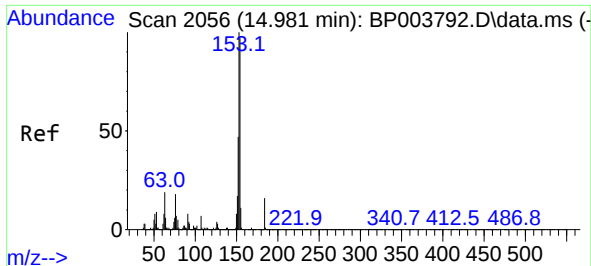
Tgt Ion:172 Resp: 1230114
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 22.3 19.2 28.8



#50
Dimethylphthalate
Concen: 8.17 ng
RT: 14.322 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

Tgt Ion:163 Resp: 207978
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.2 12.2

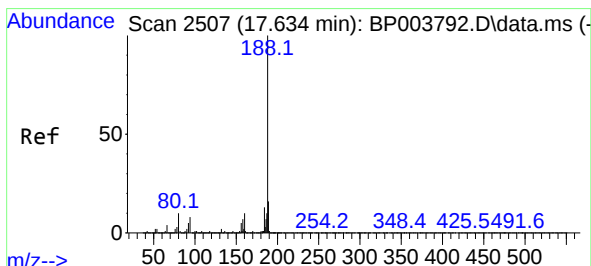
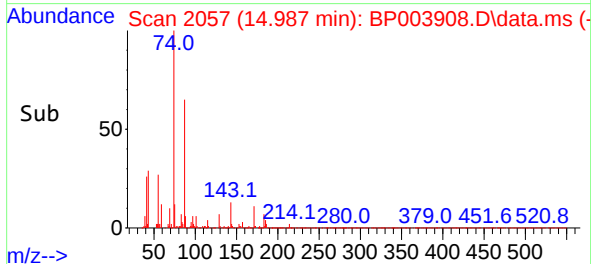
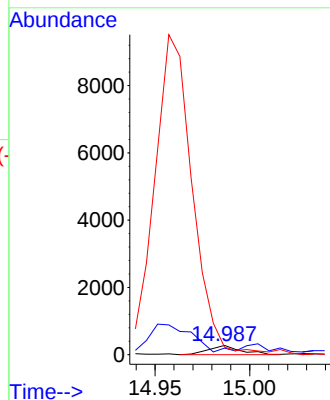
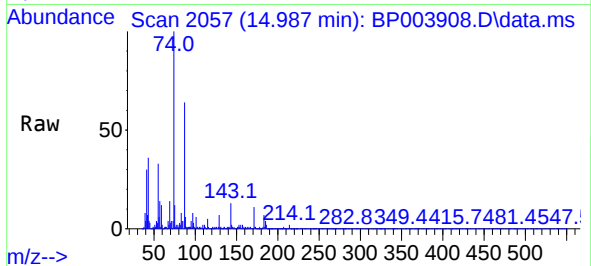




#54
2,4-Dinitrophenol
Concen: 2.91 ng
RT: 14.987 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

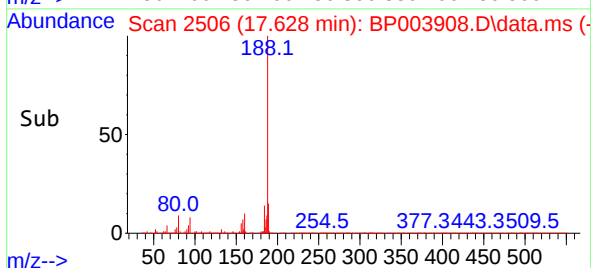
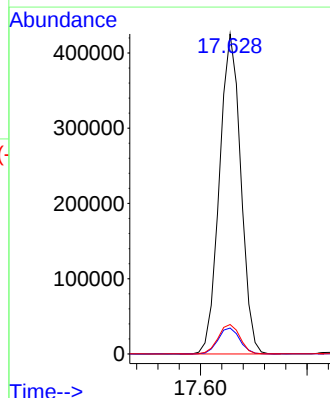
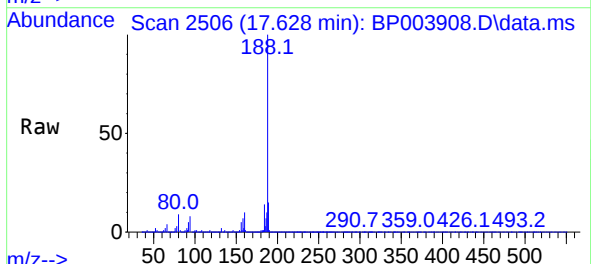
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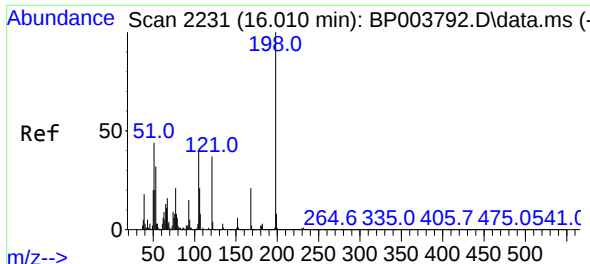
Tgt Ion:184 Resp: 325
Ion Ratio Lower Upper
184 100
63 70.3 32.3 48.5#
154 81.2 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.628 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

Tgt Ion:188 Resp: 591334
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 9.2 6.2 9.2

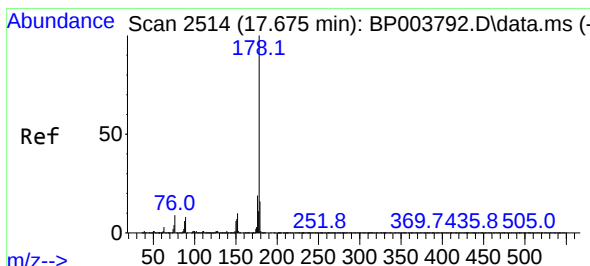
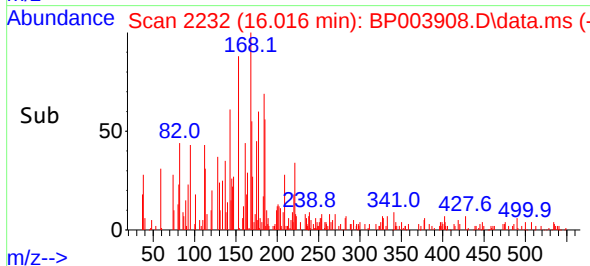
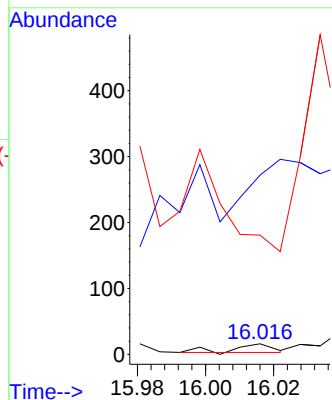
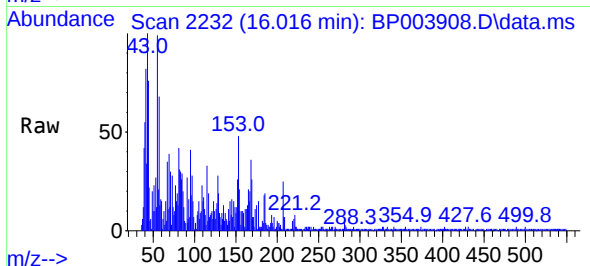




#65
4,6-Dinitro-2-methylphenol
Concen: 6.34 ng
RT: 16.016 min Scan# 2232
Delta R.T. 0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

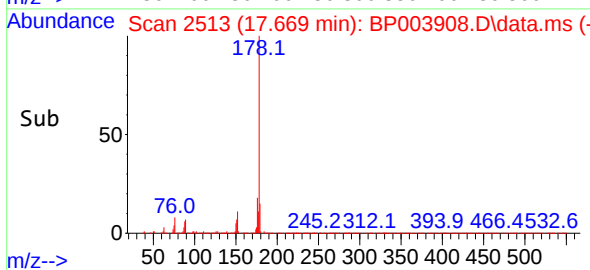
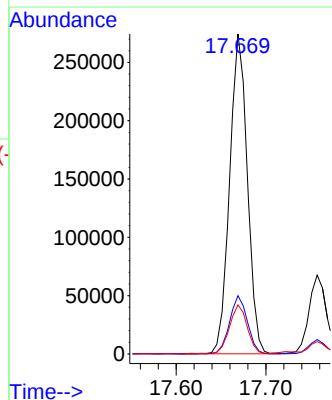
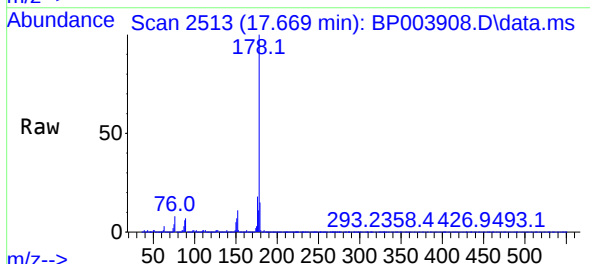
Instrument :
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PAV-B7-110520-0-10

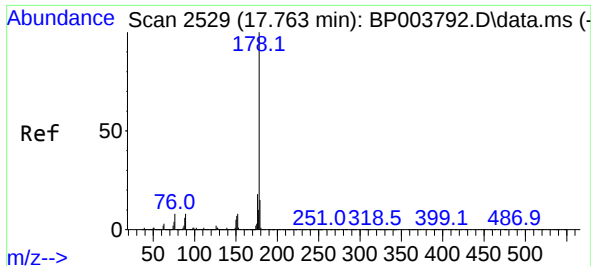
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 1700.0 6.4 46.4#
105 1131.3 18.9 58.9#



#71
Phenanthrene
Concen: 11.33 ng
RT: 17.669 min Scan# 2513
Delta R.T. -0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

Tgt Ion:178 Resp: 375865
Ion Ratio Lower Upper
178 100
176 18.2 15.3 22.9
179 15.4 12.5 18.7

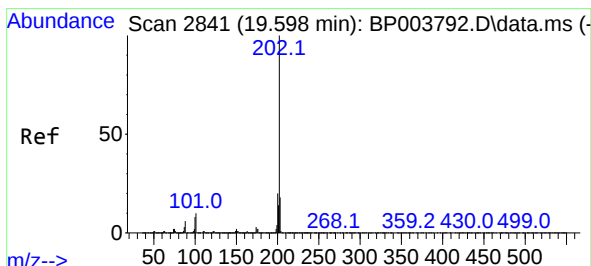
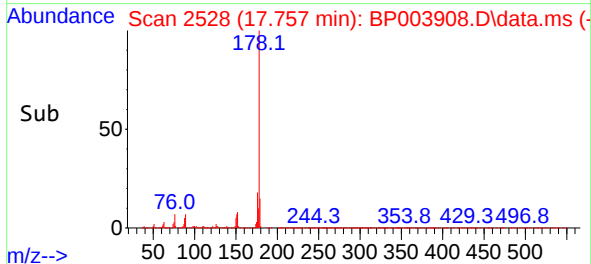
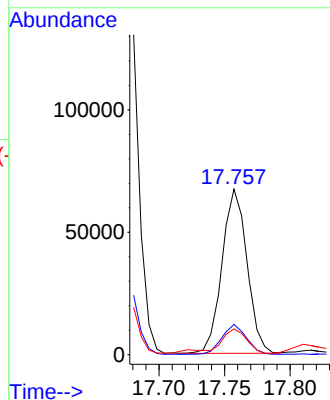
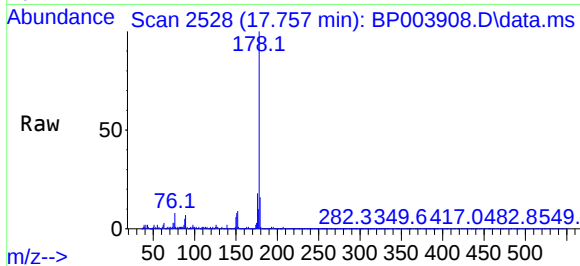




#72
 Anthracene
 Concen: 2.77 ng
 RT: 17.757 min Scan# 2528
 Delta R.T. -0.006 min
 Lab File: BP003908.D
 Acq: 10 Nov 2020 18:26

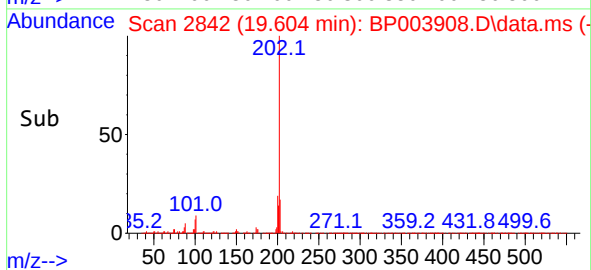
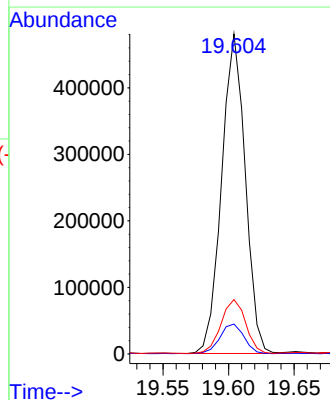
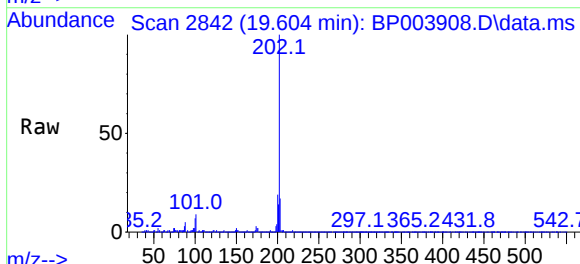
Instrument :
 BNA_P
 ClientSampleId :
 PAV-B7-110520-0-10

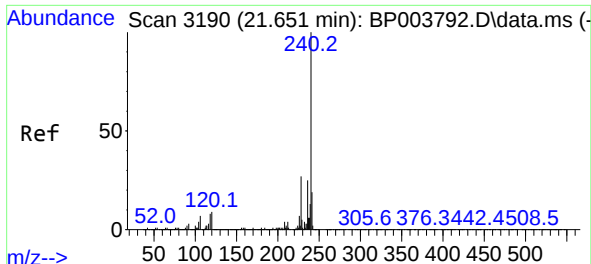
Tgt Ion:	178	Resp:	88775
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.0	22.4
179	15.6	12.5	18.7



#75
 Fluoranthene
 Concen: 15.70 ng
 RT: 19.604 min Scan# 2842
 Delta R.T. 0.000 min
 Lab File: BP003908.D
 Acq: 10 Nov 2020 18:26

Tgt Ion:	202	Resp:	601108
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	29.4
203	17.0	0.0	37.8



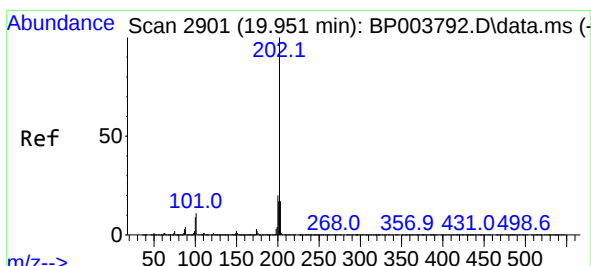
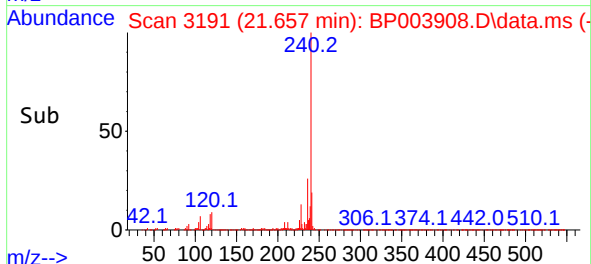
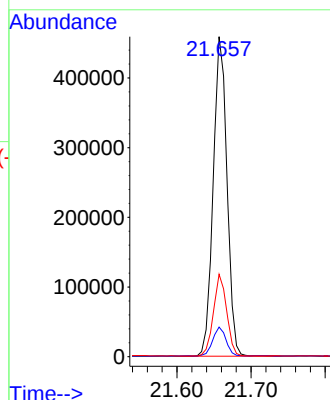
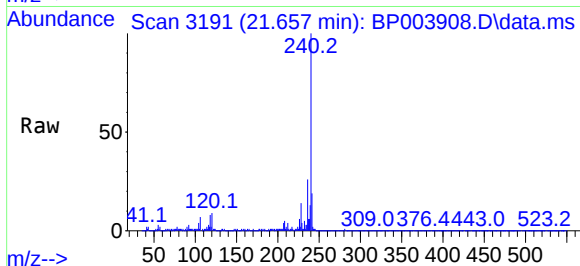


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. 0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-0-10

Tgt Ion:240 Resp: 591455

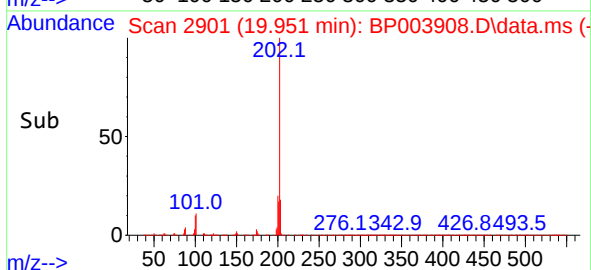
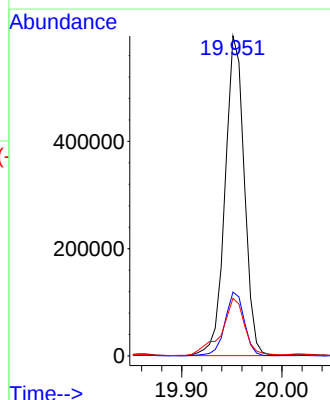
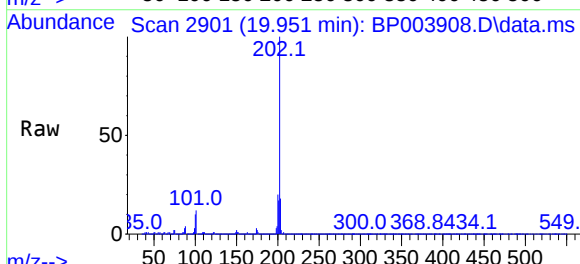
Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.8	11.6
236	25.8	20.8	31.2

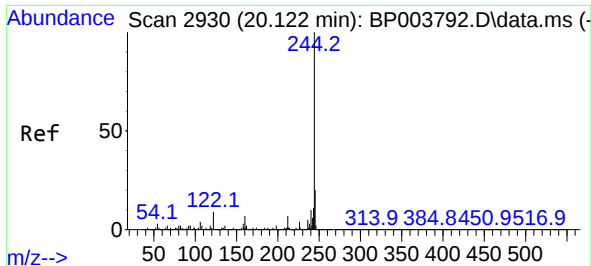


#78
Pyrene
Concen: 19.77 ng
RT: 19.951 min Scan# 2901
Delta R.T. -0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

Tgt Ion:202 Resp: 793662

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.1	25.7
203	18.0	14.2	21.2

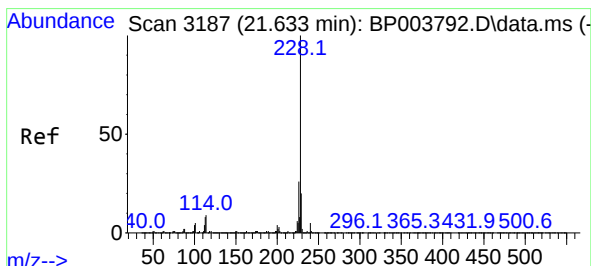
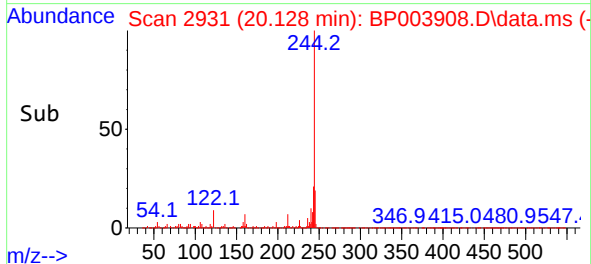
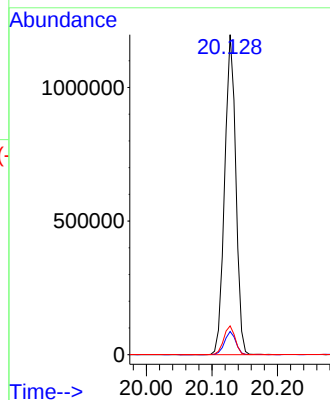
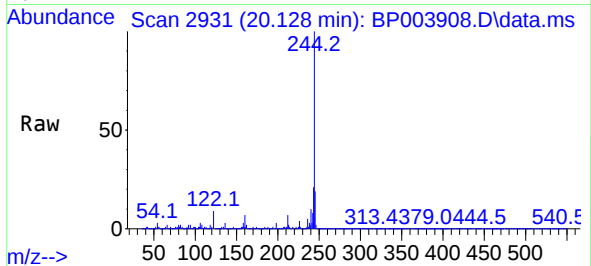




#79
Terphenyl-d14
Concen: 45.78 ng
RT: 20.128 min Scan# 2931
Delta R.T. -0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

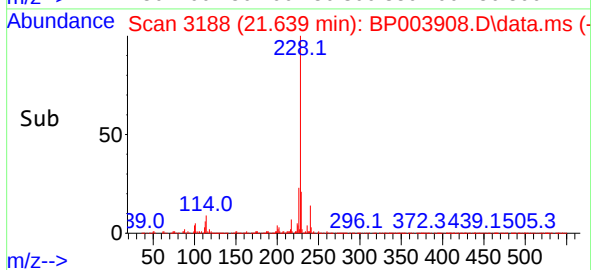
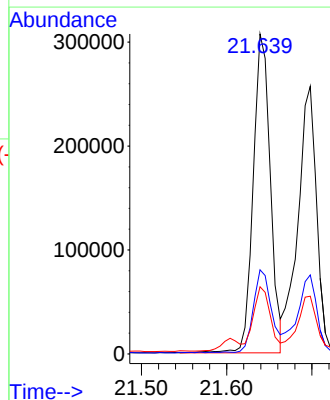
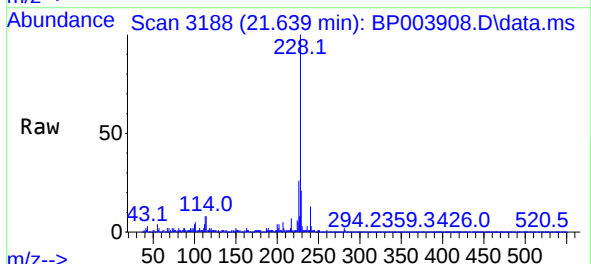
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-0-10

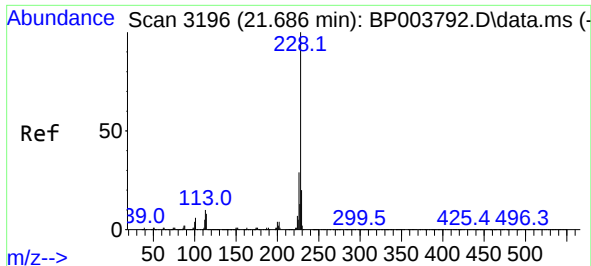
Tgt Ion:244 Resp: 1401462
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.0 7.8 11.8



#81
Benzo(a)anthracene
Concen: 10.96 ng
RT: 21.639 min Scan# 3188
Delta R.T. -0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

Tgt Ion:228 Resp: 427548
Ion Ratio Lower Upper
228 100
226 26.3 22.1 33.1
229 21.0 15.9 23.9

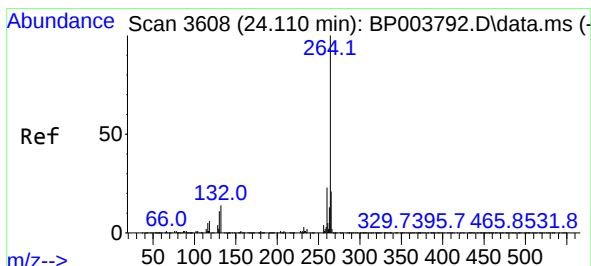
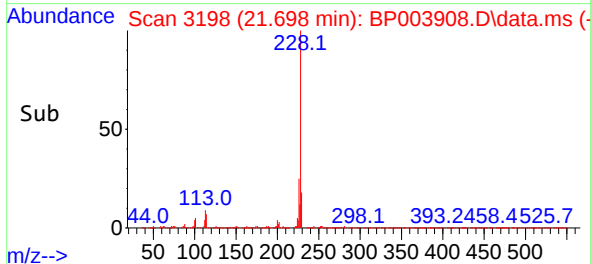
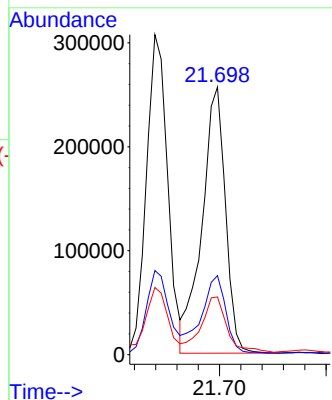
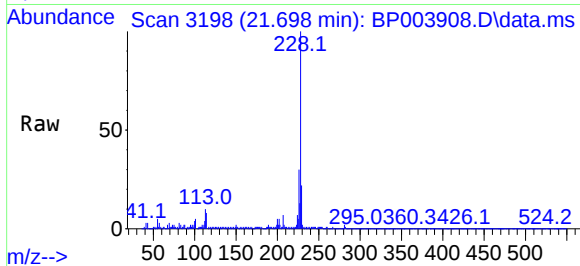




#83
Chrysene
Concen: 10.49 ng
RT: 21.698 min Scan# 3198
Delta R.T. -0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

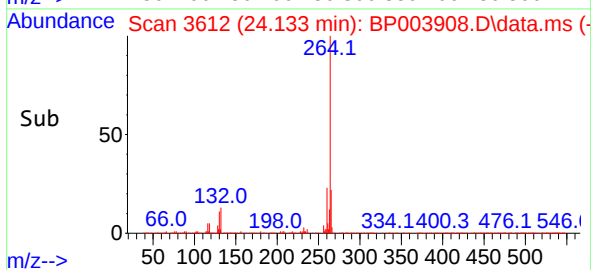
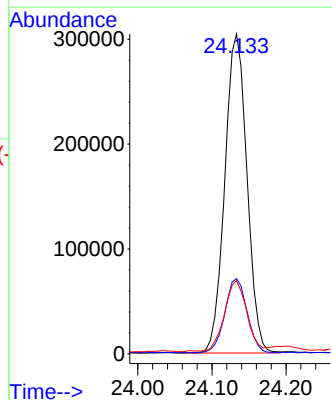
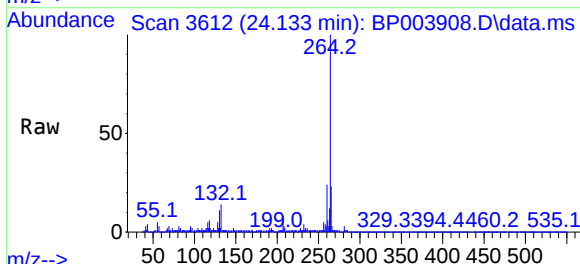
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-0-10

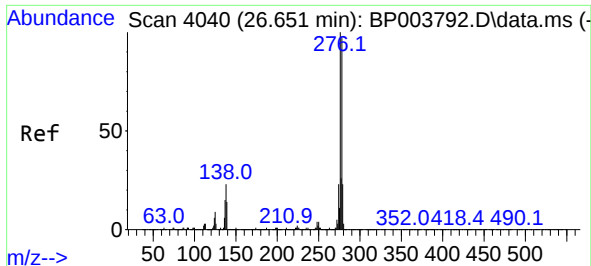
Tgt Ion:228	Resp:	393004
Ion Ratio	Lower	Upper
228	100	
226	29.5	24.4 36.6
229	21.6	15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.133 min Scan# 3612
Delta R.T. 0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

Tgt Ion:264	Resp:	630937
Ion Ratio	Lower	Upper
264	100	
260	23.5	18.8 28.2
265	22.9	17.4 26.2

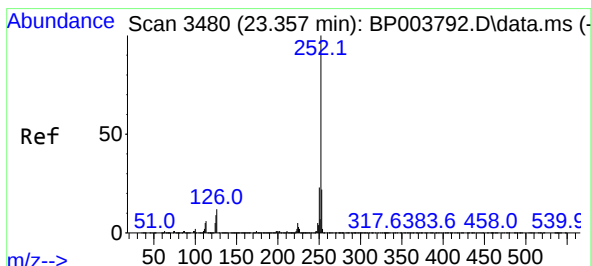
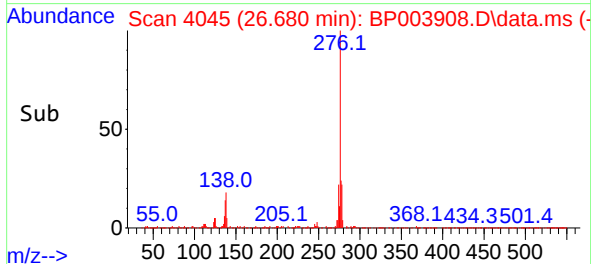
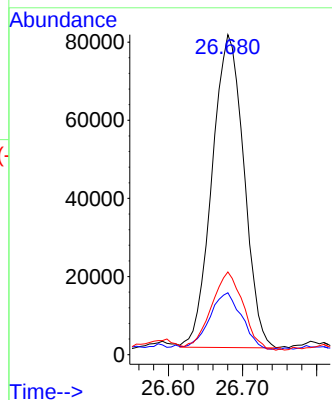
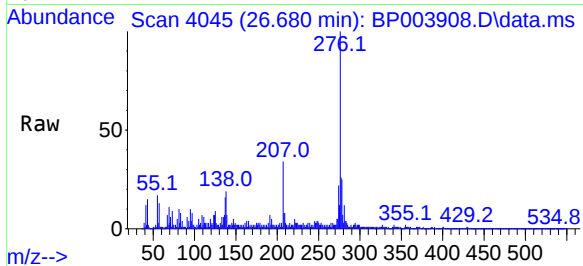




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.25 ng
RT: 26.680 min Scan# 4045
Delta R.T. -0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

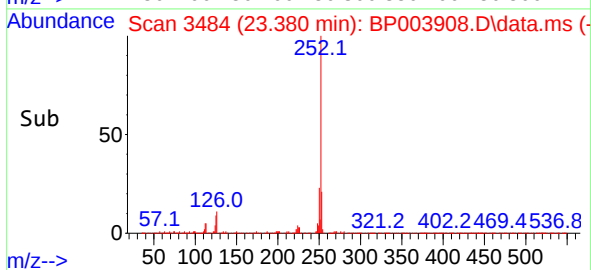
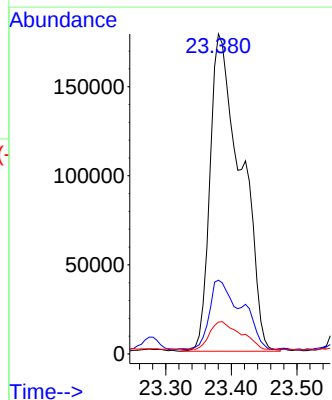
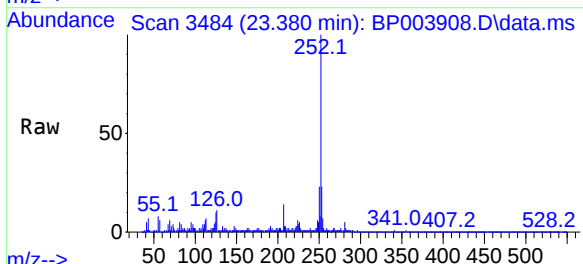
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-0-10

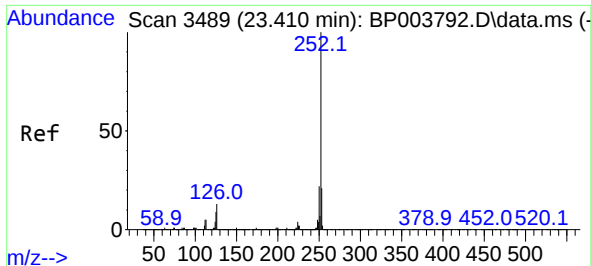
Tgt Ion:	276	Resp:	238801
Ion Ratio	Lower	Upper	
276	100		
138	18.4	18.7	28.1#
277	25.2	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 14.20 ng
RT: 23.380 min Scan# 3484
Delta R.T. -0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

Tgt Ion:	252	Resp:	586505
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.6	26.4
125	9.9	7.3	10.9

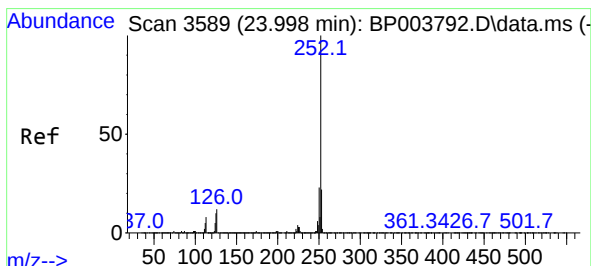
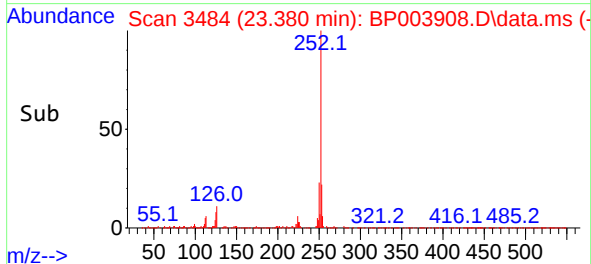
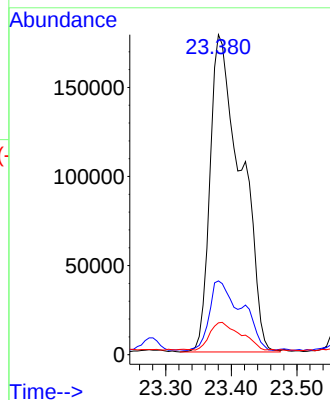
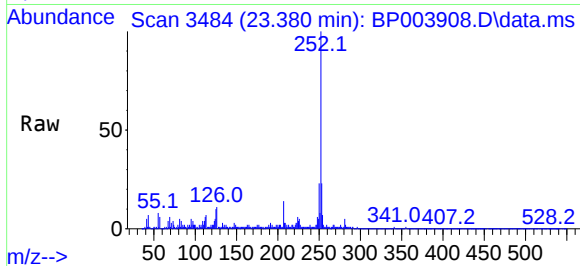




#89
Benzo(k)fluoranthene
Concen: 14.39 ng
RT: 23.380 min Scan# 3484
Delta R.T. -0.047 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

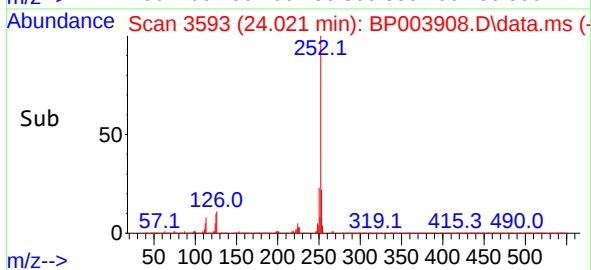
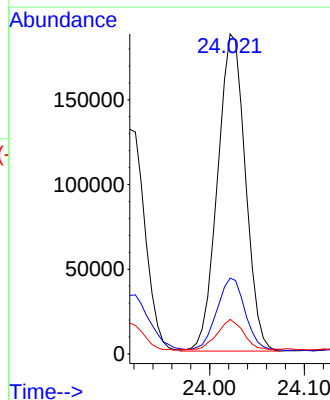
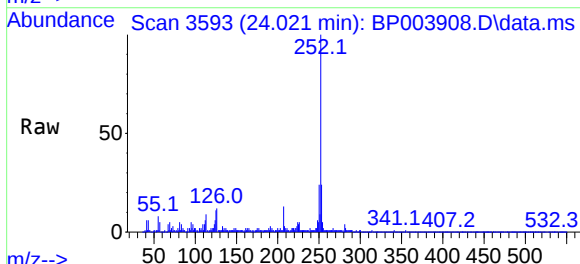
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-0-10

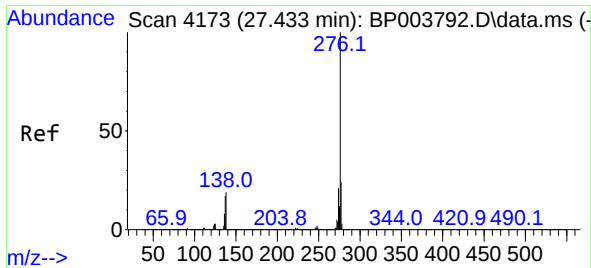
Tgt Ion:252 Resp: 586505
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 9.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 10.00 ng
RT: 24.021 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

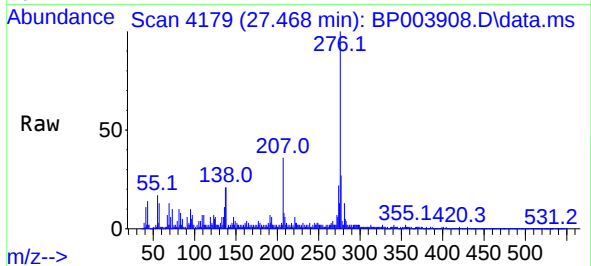
Tgt Ion:252 Resp: 382247
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 10.8 8.2 12.4





#92
Benzo(g,h,i)perylene
Concen: 7.32 ng
RT: 27.468 min Scan# 4179
Delta R.T. -0.006 min
Lab File: BP003908.D
Acq: 10 Nov 2020 18:26

Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-0-10



Tgt Ion:276 Resp: 268989
Ion Ratio Lower Upper
276 100
277 26.6 19.0 28.6
138 20.9 16.6 24.8

