

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
 Data File : BP003909.D
 Acq On : 10 Nov 2020 19:01
 Operator : CG/JU
 Sample : L4680-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B7-110520-DP

Quant Time: Nov 11 00:12:33 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)

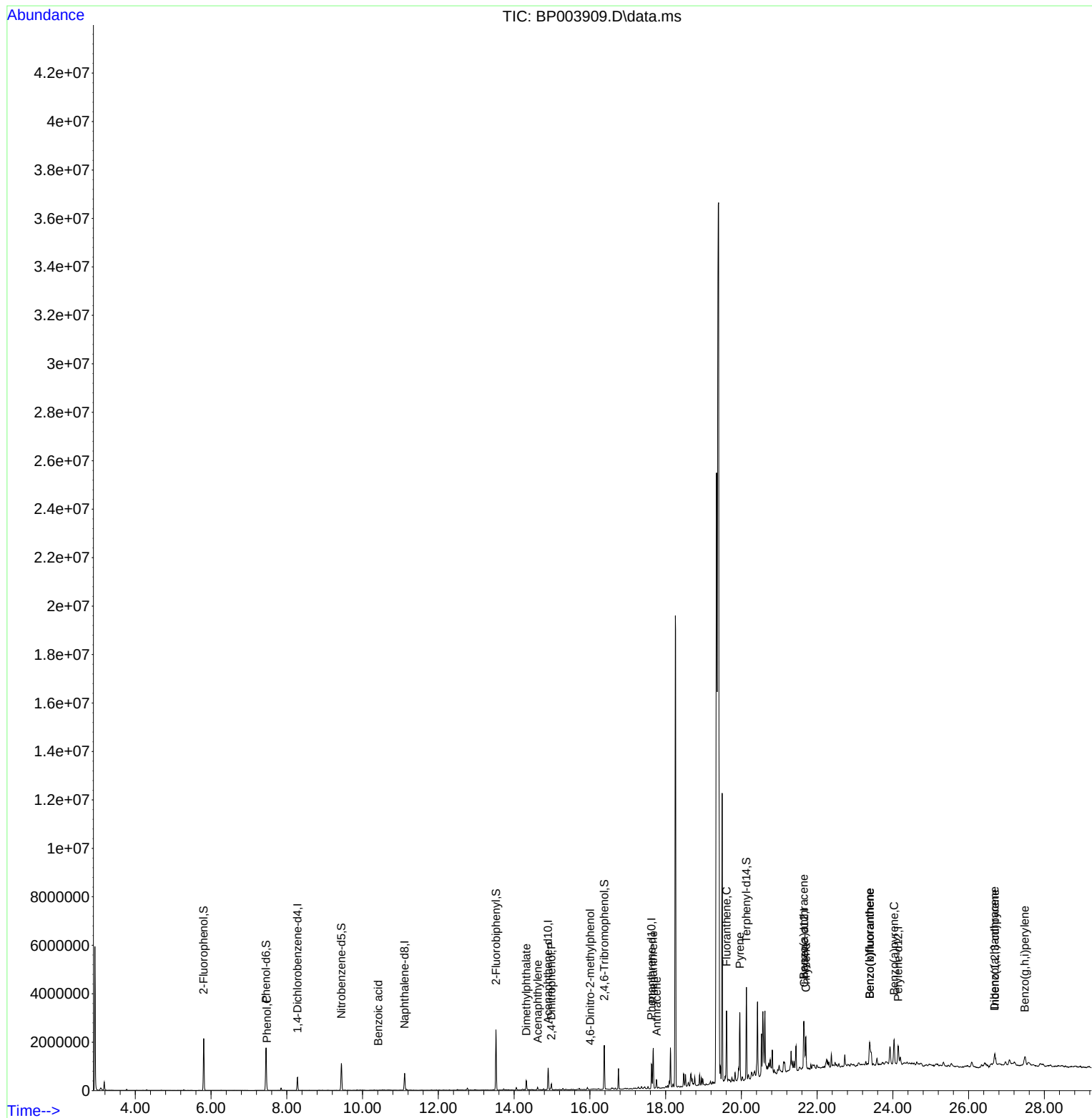
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	143047	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	530177	20.00	ng	# 0.00
39) Acenaphthene-d10	14.898	164	292244	20.00	ng	0.00
64) Phenanthrene-d10	17.627	188	606120	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	576867	20.00	ng	0.00
86) Perylene-d12	24.139	264	622368	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	809590	94.46	ng	0.00
7) Phenol-d6	7.452	99	939311	76.34	ng	0.00
23) Nitrobenzene-d5	9.440	82	607827	56.15	ng	0.00
42) 2,4,6-Tribromophenol	16.380	330	333973	91.37	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	1229540	58.82	ng	0.00
79) Terphenyl-d14	20.133	244	1506833	50.46	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.387	77	538	Below Cal	#	51
10) Phenol	7.475	94	25041	2.11 ng		70
32) Benzoic acid	10.416	122	142	8.33 ng	#	1
49) Acenaphthylene	14.622	152	74527	2.73 ng		98
50) Dimethylphthalate	14.322	163	239560	10.49 ng		99
54) 2,4-Dinitrophenol	14.981	184	813	3.22 ng	#	1
65) 4,6-Dinitro-2-methylph...	16.010	198	24	6.35 ng	#	1
71) Phenanthrene	17.675	178	976024	28.69 ng		99
72) Anthracene	17.763	178	222697	6.78 ng		98
75) Fluoranthene	19.610	202	1662047	42.34 ng		99
78) Pyrene	19.963	202	1818661	46.46 ng		99
81) Benzo(a)anthracene	21.645	228	917694	24.12 ng		98
83) Chrysene	21.704	228	826686	22.62 ng		96
87) Indeno(1,2,3-cd)pyrene	26.692	276	482545	10.75 ng	#	95
88) Benzo(b)fluoranthene	23.392	252	1238248	30.40 ng		97
89) Benzo(k)fluoranthene	23.392	252	1238248	30.79 ng		97
90) Benzo(a)pyrene	24.033	252	769584	20.41 ng		97
91) Dibenzo(a,h)anthracene	26.686	278	138625	3.70 ng	#	85
92) Benzo(g,h,i)perylene	27.486	276	504898	13.94 ng		97

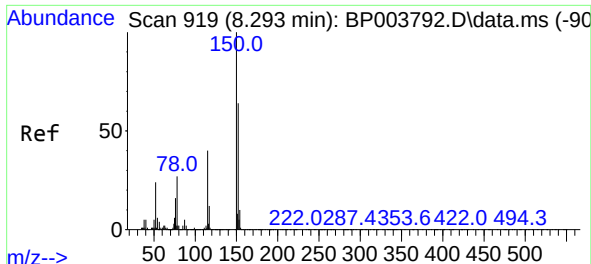
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003909.D
Acq On : 10 Nov 2020 19:01
Operator : CG/JU
Sample : L4680-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP

Quant Time: Nov 11 00:12:33 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

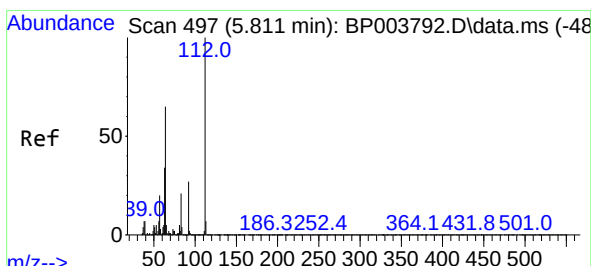
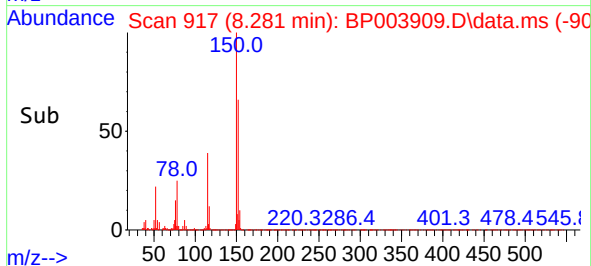
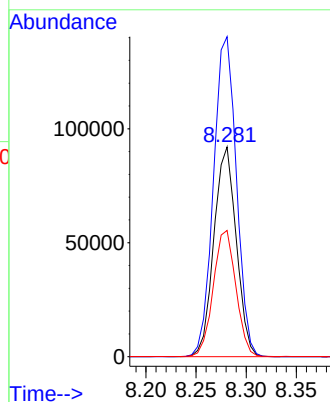
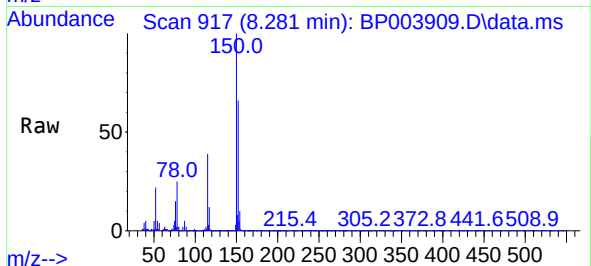




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

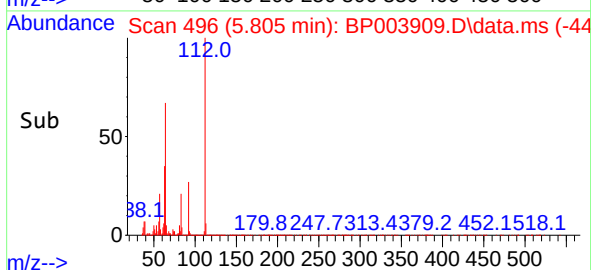
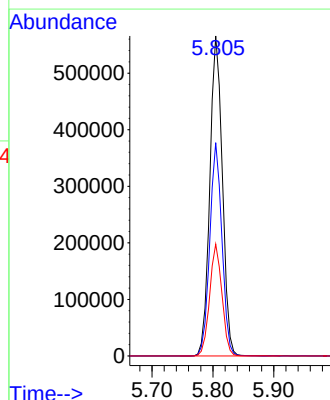
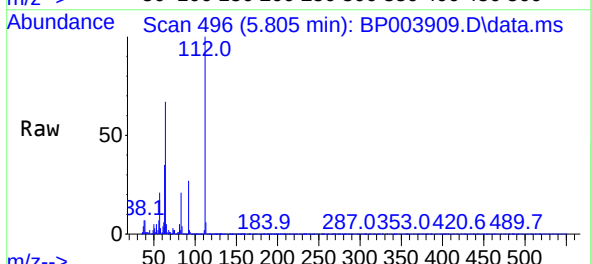
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP

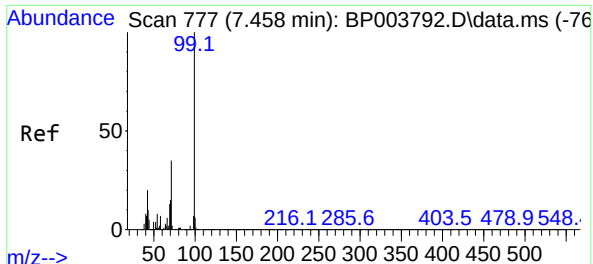
Tgt Ion:152 Resp: 143047
Ion Ratio Lower Upper
152 100
150 152.5 123.8 185.6
115 60.2 43.8 65.6



#5
2-Fluorophenol
Concen: 94.46 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion:112 Resp: 809590
Ion Ratio Lower Upper
112 100
64 66.6 32.8 49.2#
63 35.0 17.0 25.4#

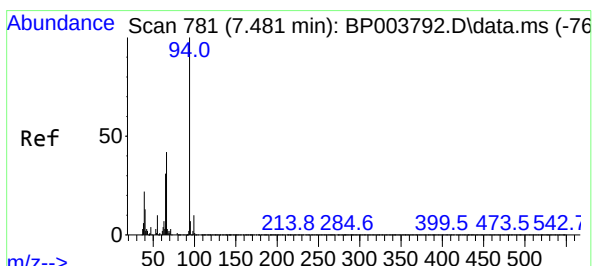
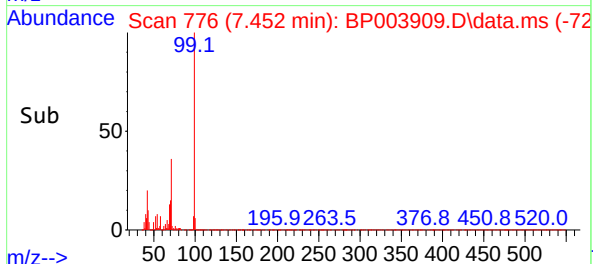
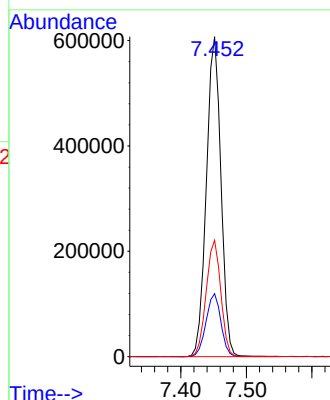
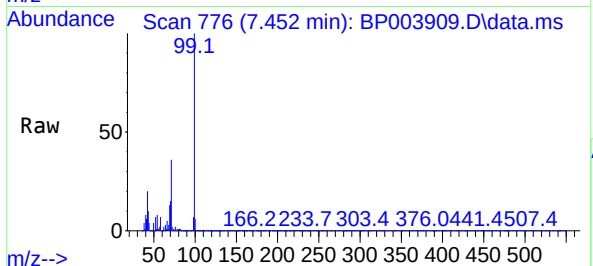




#7
Phenol-d6
Concen: 76.34 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

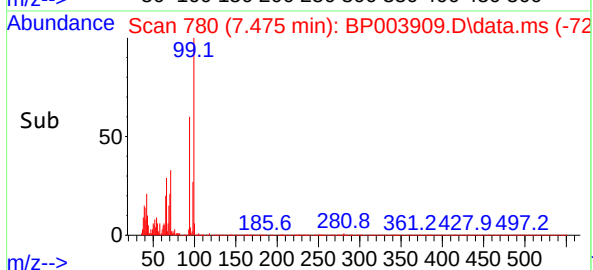
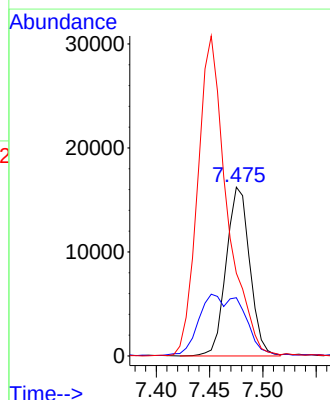
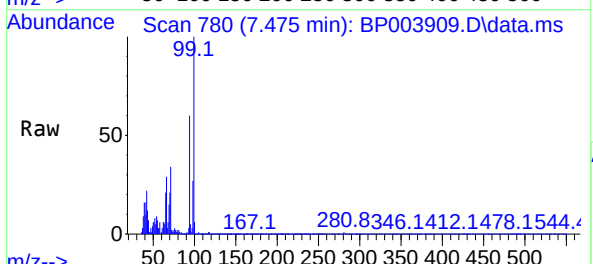
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP

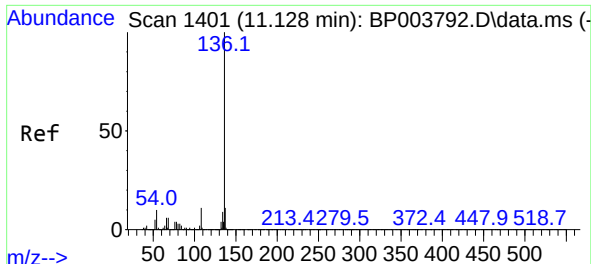
Tgt Ion: 99 Resp: 939311
Ion Ratio Lower Upper
99 100
42 19.7 8.6 13.0#
71 36.4 23.4 35.2#



#10
Phenol
Concen: 2.11 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion: 94 Resp: 25041
Ion Ratio Lower Upper
94 100
65 34.5 2.3 42.3
66 49.0 10.9 50.9

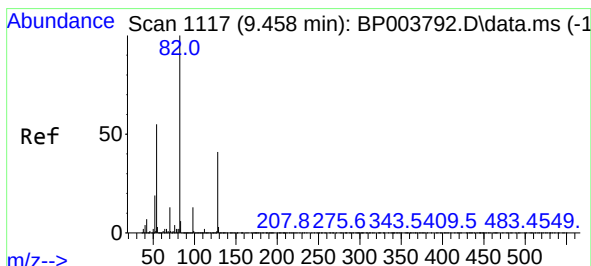
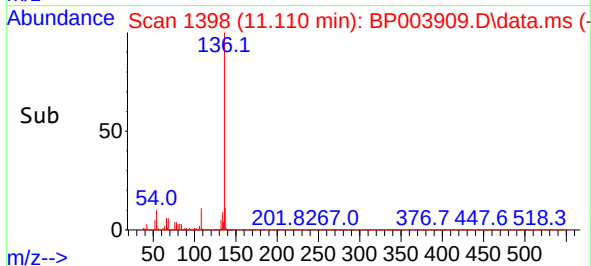
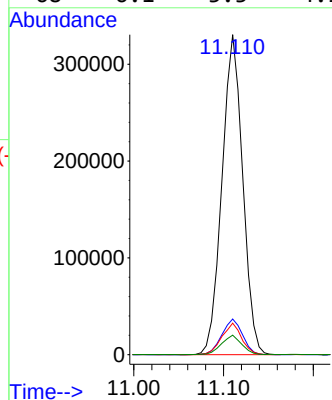
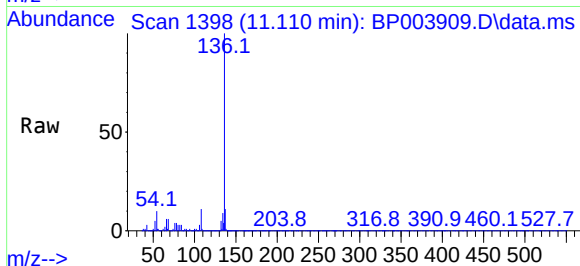




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

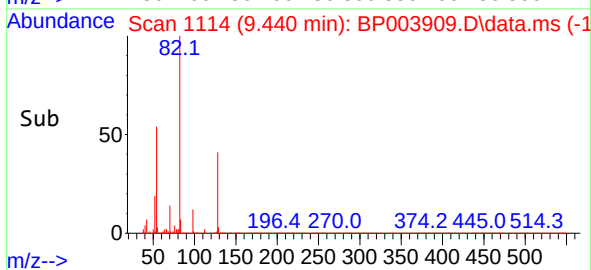
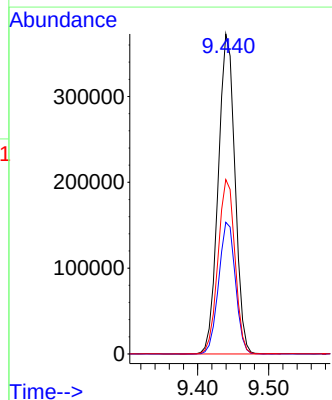
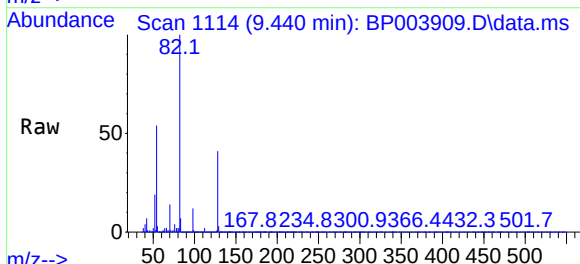
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP

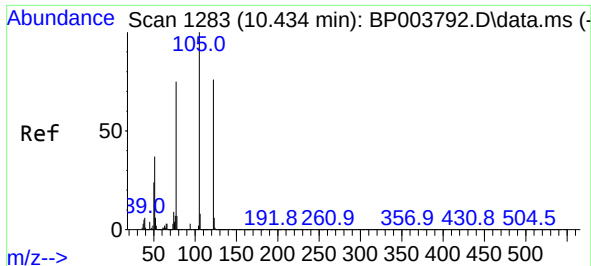
Tgt Ion:	136	Resp:	530177
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	9.8	3.6	5.4#
68	6.1	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 56.15 ng
RT: 9.440 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion:	82	Resp:	607827
Ion Ratio	Lower	Upper	
82	100		
128	41.1	45.6	68.4#
54	54.5	30.1	45.1#

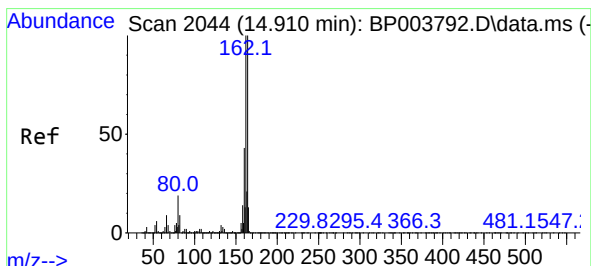
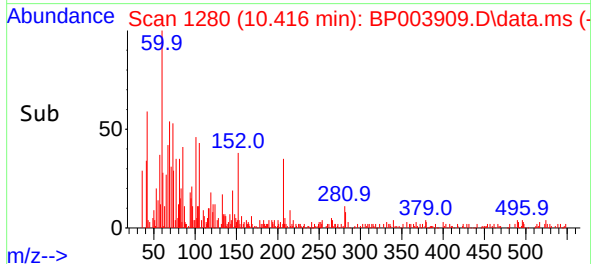
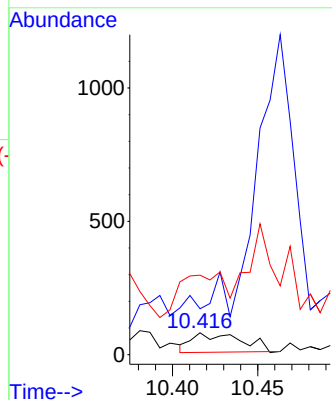
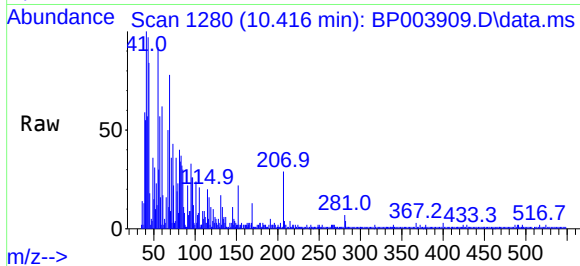




#32
Benzoic acid
Concen: 8.33 ng
RT: 10.416 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

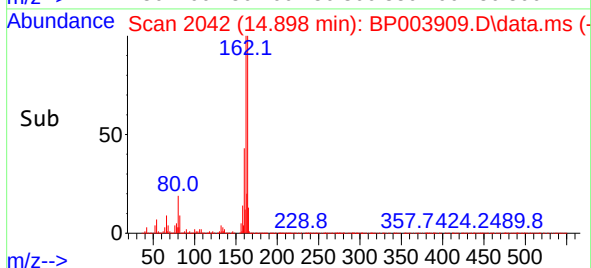
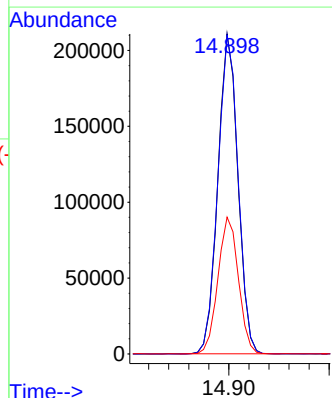
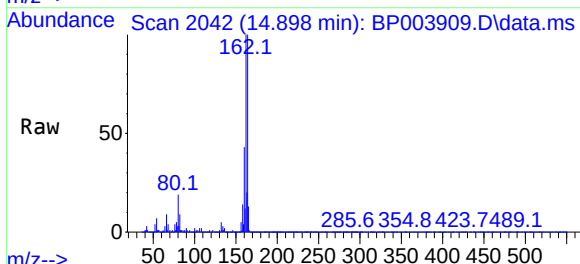
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP

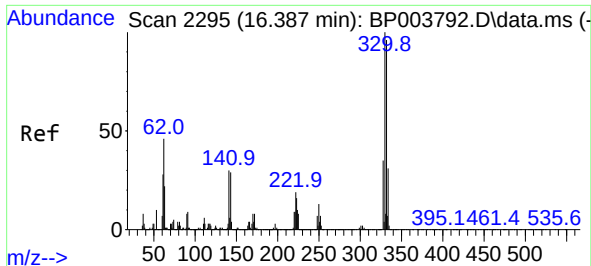
Tgt Ion:	122	Resp:	142
Ion	Ratio	Lower	Upper
122	100		
105	209.8	94.1	134.1#
77	363.4	50.1	90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.898 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion:	164	Resp:	292244
Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.4	119.2
160	42.7	36.1	54.1

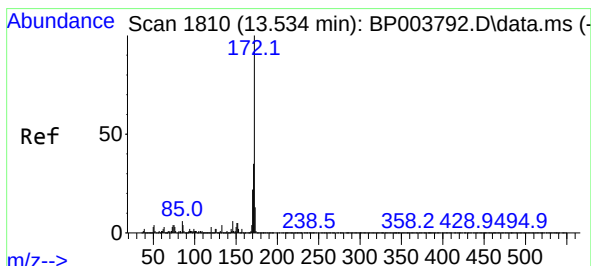
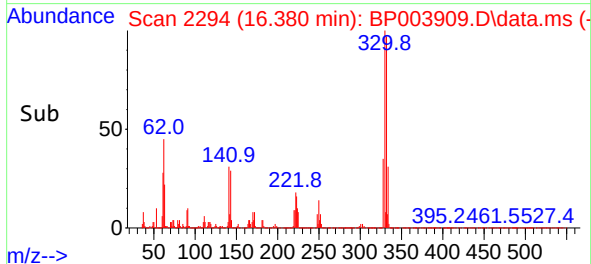
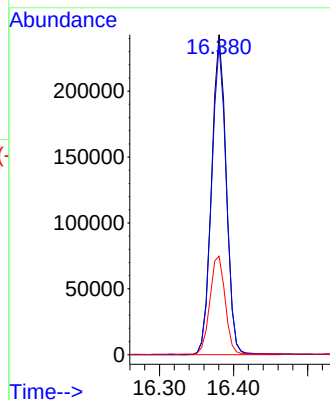
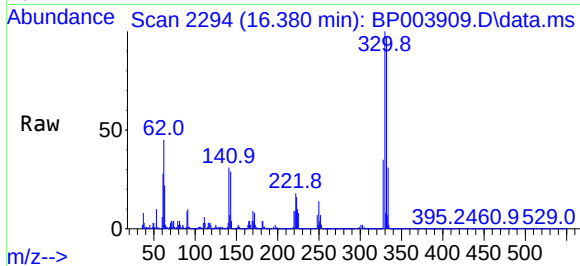




#42
2,4,6-Tribromophenol
Concen: 91.37 ng
RT: 16.380 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

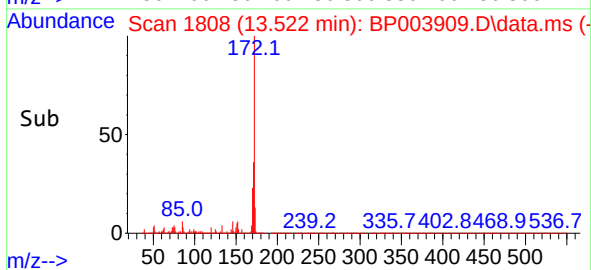
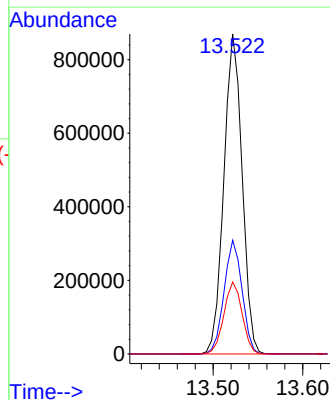
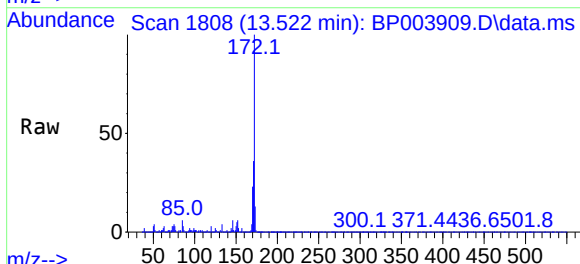
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP

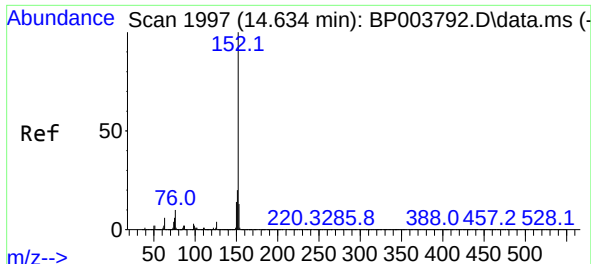
Tgt Ion:330 Resp: 333973
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 31.6 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 58.82 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion:172 Resp: 1229540
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 22.5 19.2 28.8

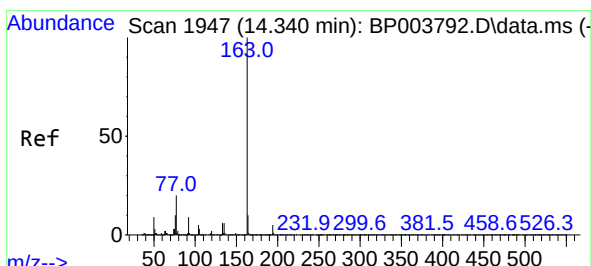
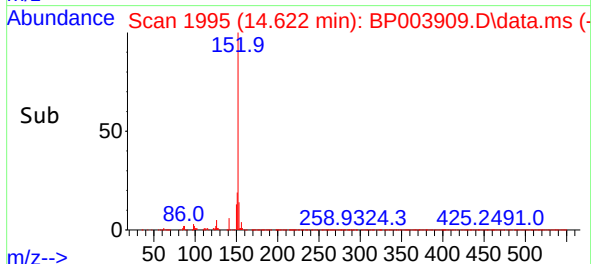
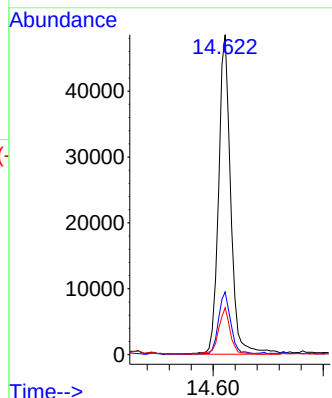
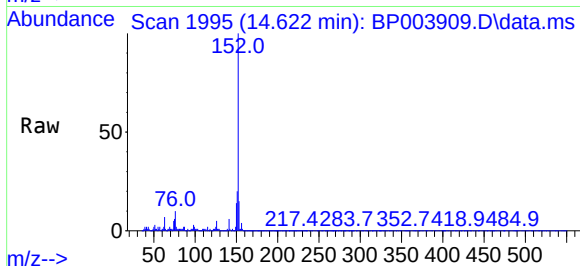




#49
Acenaphthylene
Concen: 2.73 ng
RT: 14.622 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

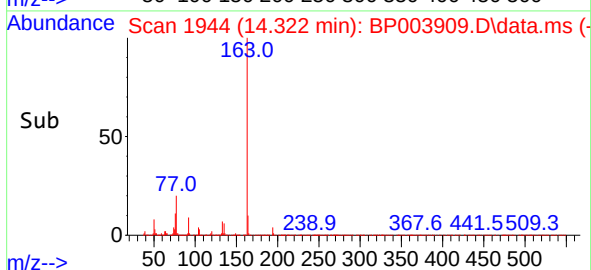
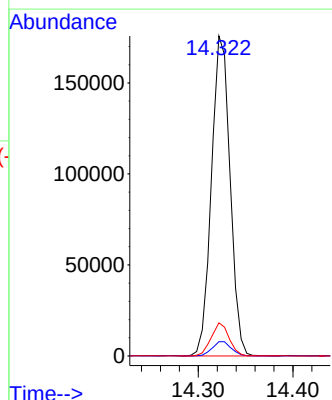
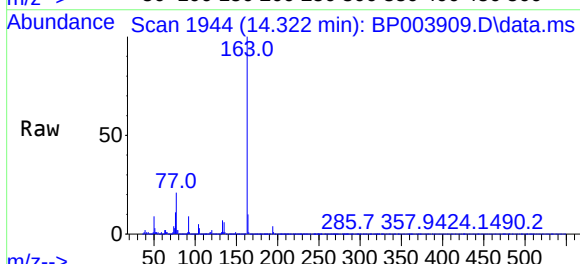
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP

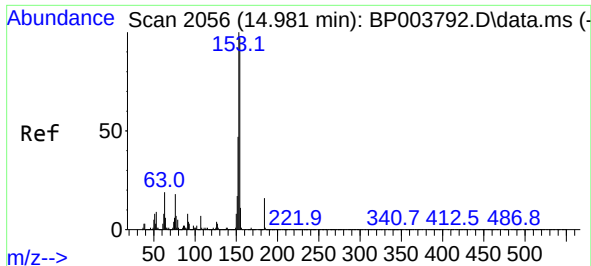
Tgt Ion:	152	Resp:	74527
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.9	23.9
153	14.7	10.5	15.7



#50
Dimethylphthalate
Concen: 10.49 ng
RT: 14.322 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion:	163	Resp:	239560
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.3	4.9
164	10.4	8.2	12.2

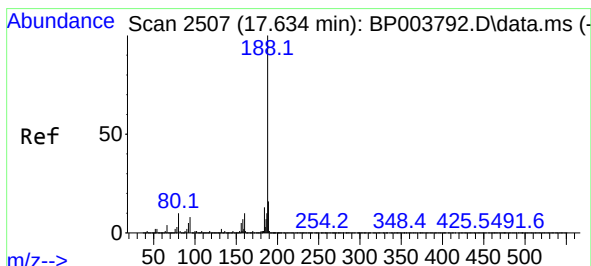
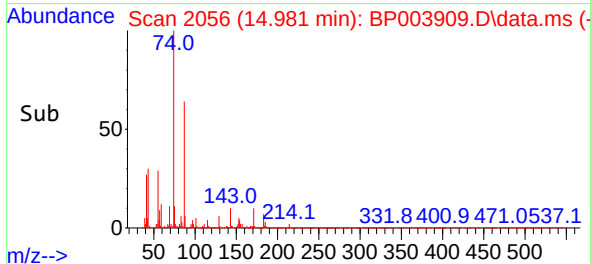
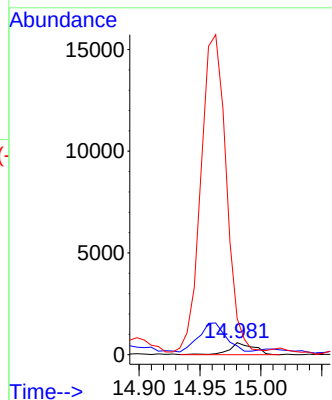
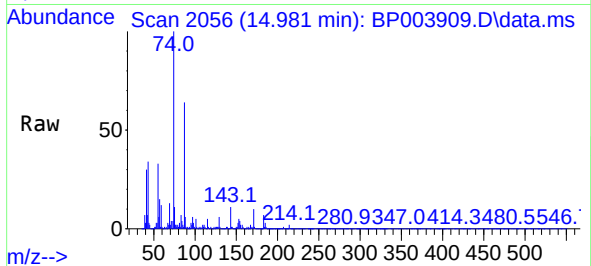




#54
2,4-Dinitrophenol
Concen: 3.22 ng
RT: 14.981 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

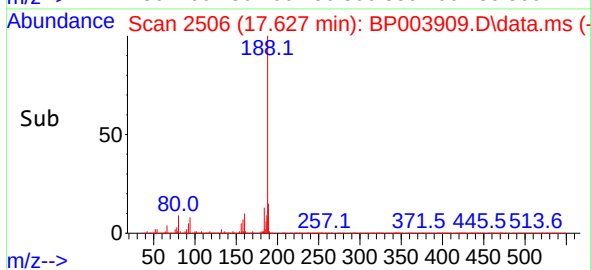
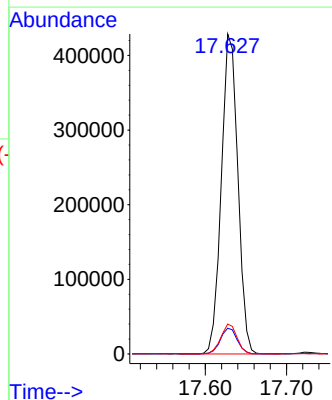
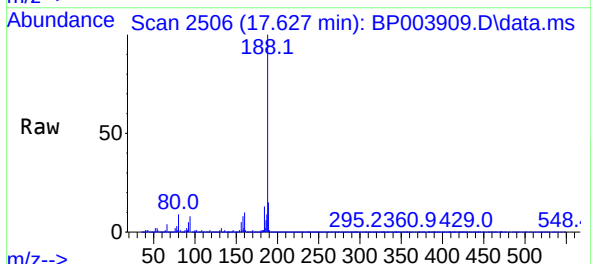
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP

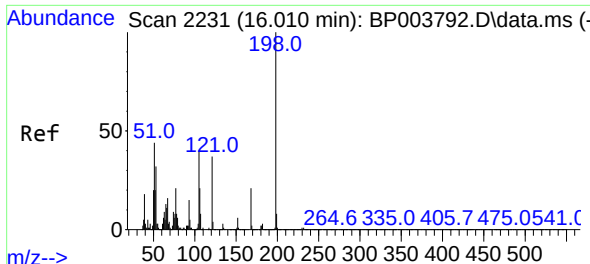
Tgt Ion:184 Resp: 813
Ion Ratio Lower Upper
184 100
63 73.5 32.3 48.5#
154 302.0 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.627 min Scan# 2506
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion:188 Resp: 606120
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 9.3 6.2 9.2#

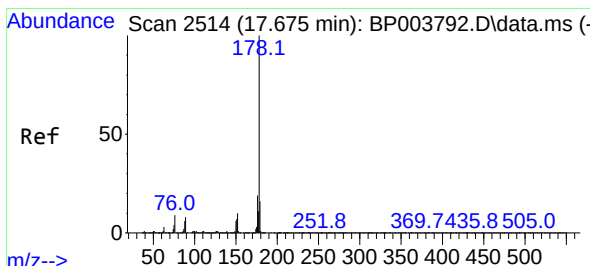
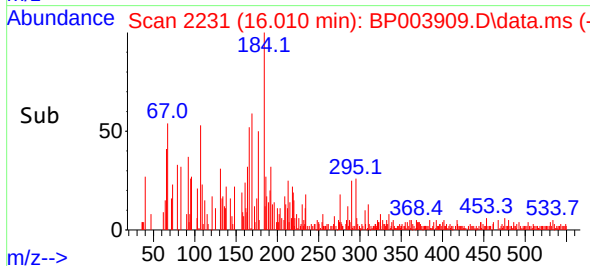
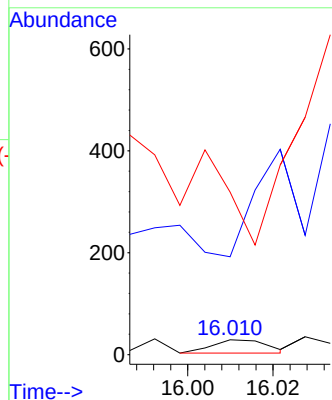
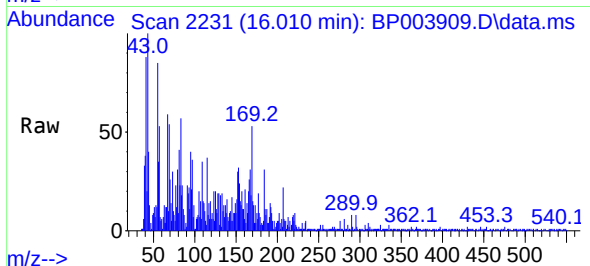




#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.010 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

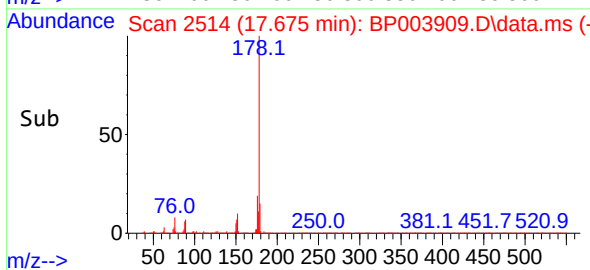
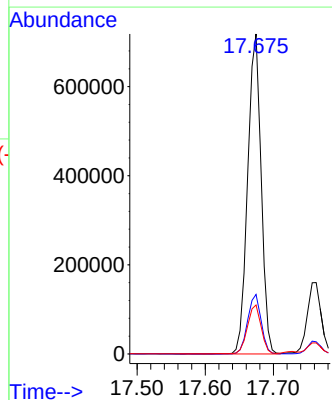
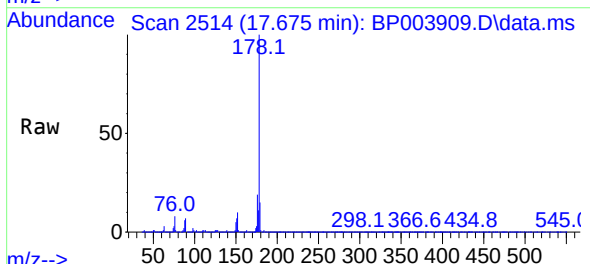
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP

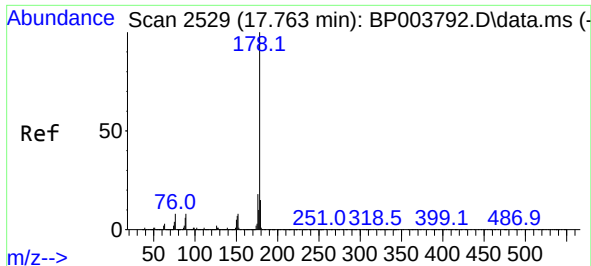
Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
51 662.1 6.4 46.4#
105 1100.0 18.9 58.9#



#71
Phenanthrene
Concen: 28.69 ng
RT: 17.675 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion:178 Resp: 976024
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.3 12.5 18.7



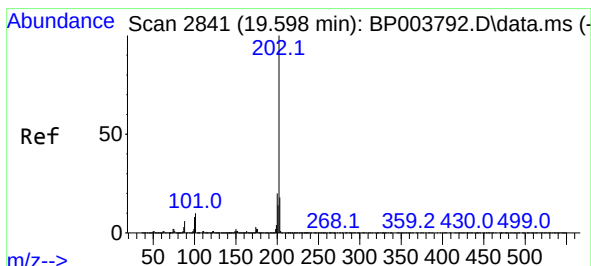
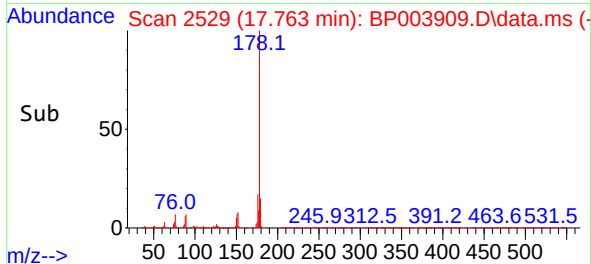
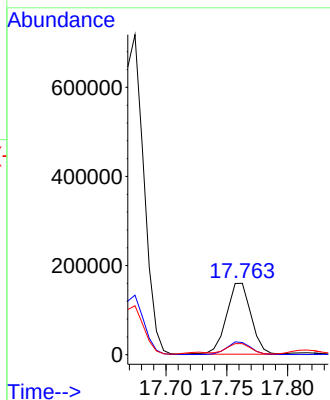
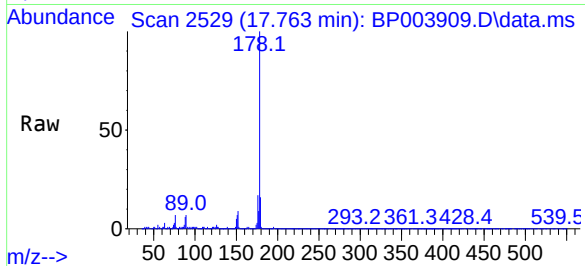


#72
 Anthracene
 Concen: 6.78 ng
 RT: 17.763 min Scan# 2529
 Delta R.T. -0.000 min
 Lab File: BP003909.D
 Acq: 10 Nov 2020 19:01

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B7-110520-DP

Tgt Ion:178 Resp: 222697

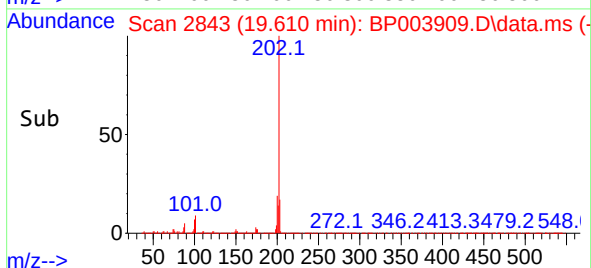
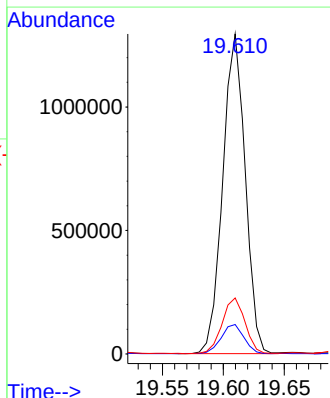
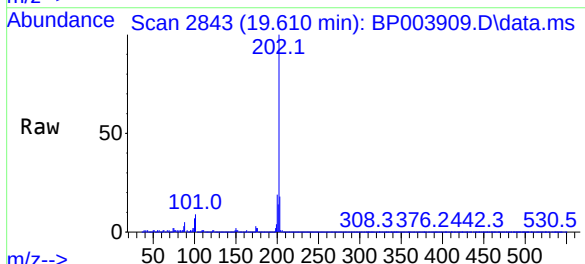
Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.0	22.4
179	15.6	12.5	18.7

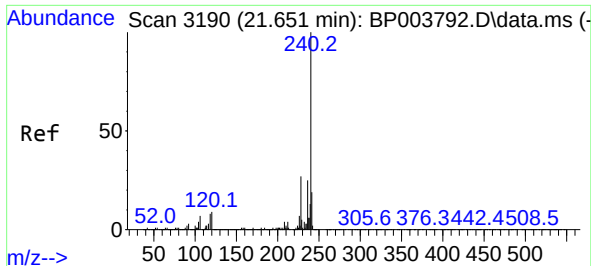


#75
 Fluoranthene
 Concen: 42.34 ng
 RT: 19.610 min Scan# 2843
 Delta R.T. 0.006 min
 Lab File: BP003909.D
 Acq: 10 Nov 2020 19:01

Tgt Ion:202 Resp: 1662047

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.4
203	17.5	0.0	37.8

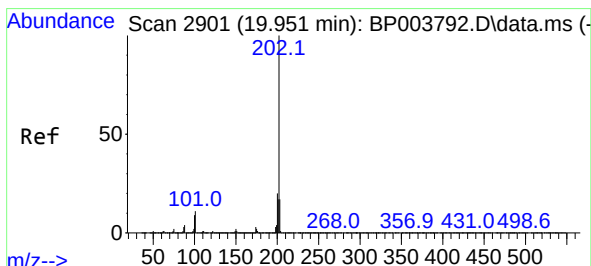
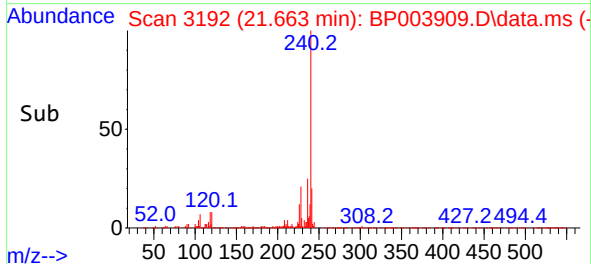
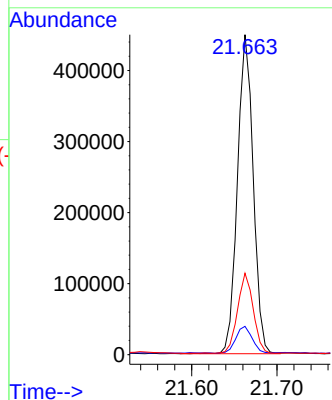
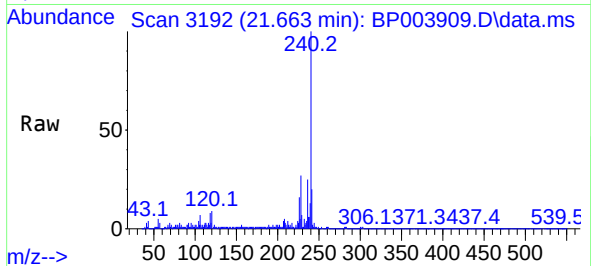




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.663 min Scan# 3192
Delta R.T. 0.006 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

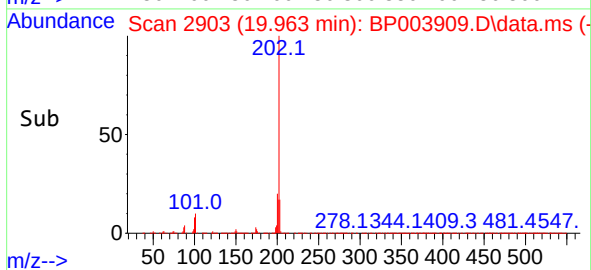
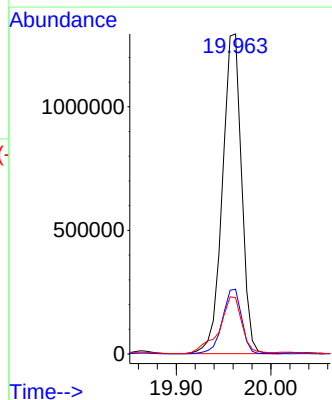
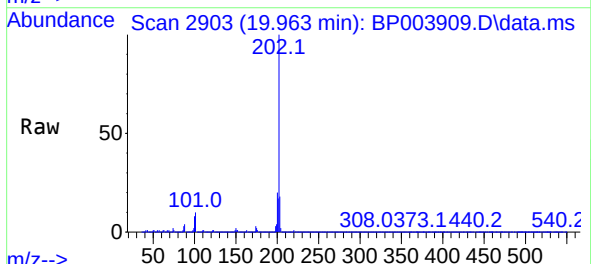
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP

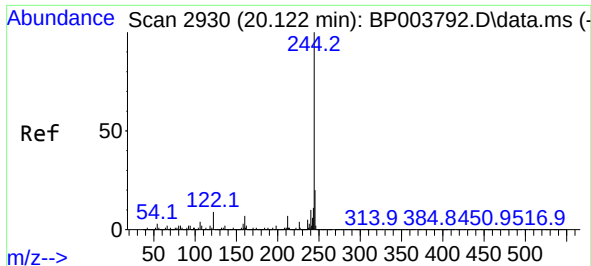
Tgt Ion:240 Resp: 576867
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 25.4 20.8 31.2



#78
Pyrene
Concen: 46.46 ng
RT: 19.963 min Scan# 2903
Delta R.T. 0.012 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion:202 Resp: 1818661
Ion Ratio Lower Upper
202 100
200 20.3 17.1 25.7
203 17.6 14.2 21.2

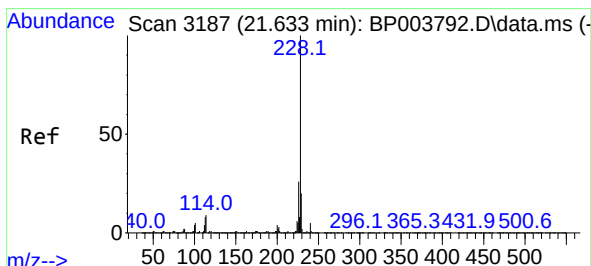
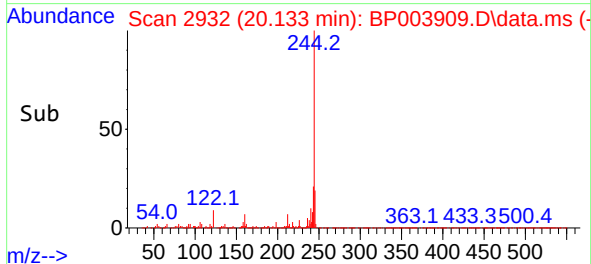
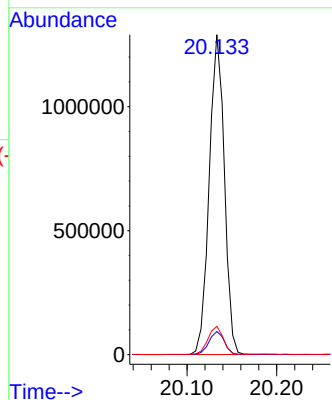
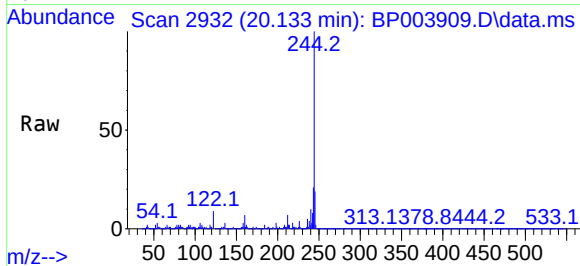




#79
Terphenyl-d14
Concen: 50.46 ng
RT: 20.133 min Scan# 2932
Delta R.T. 0.006 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

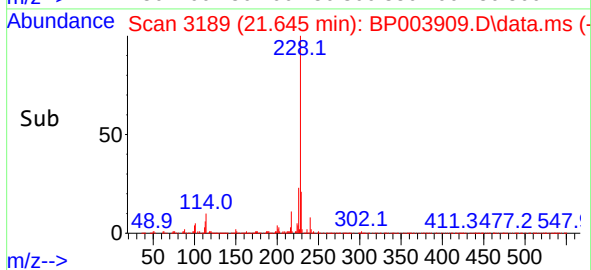
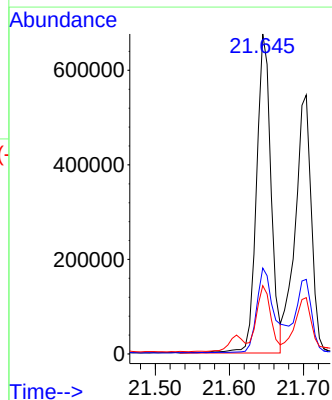
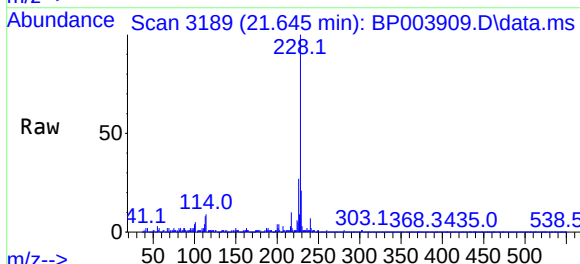
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP

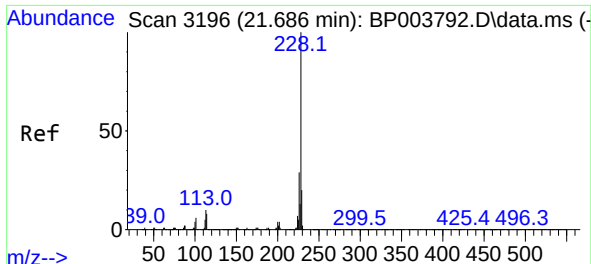
Tgt Ion:244 Resp: 1506833
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 8.8 7.8 11.8



#81
Benzo(a)anthracene
Concen: 24.12 ng
RT: 21.645 min Scan# 3189
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion:228 Resp: 917694
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 21.4 15.9 23.9

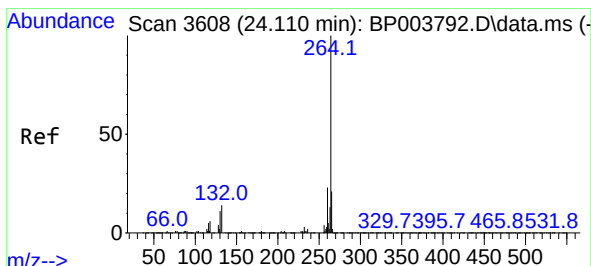
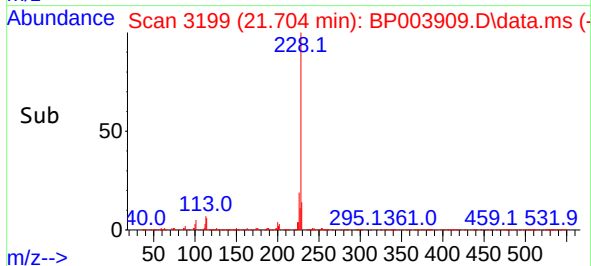
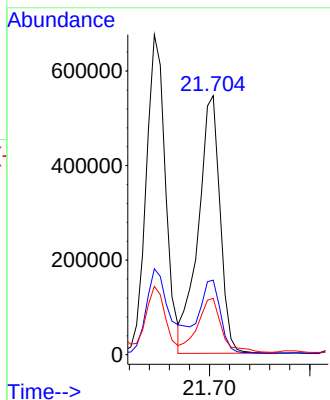
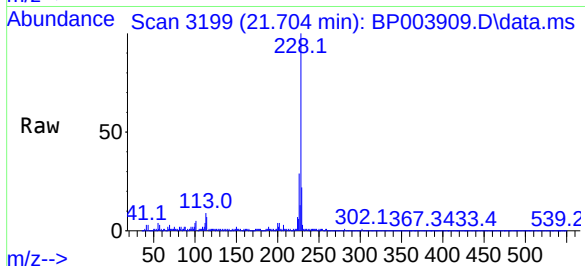




#83
Chrysene
Concen: 22.62 ng
RT: 21.704 min Scan# 3199
Delta R.T. 0.006 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

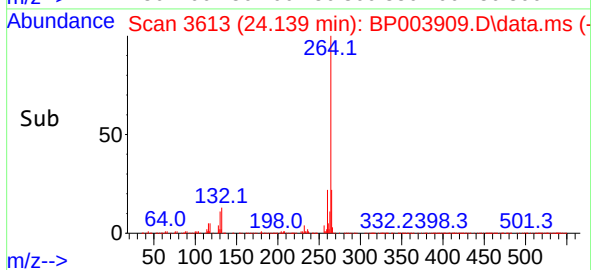
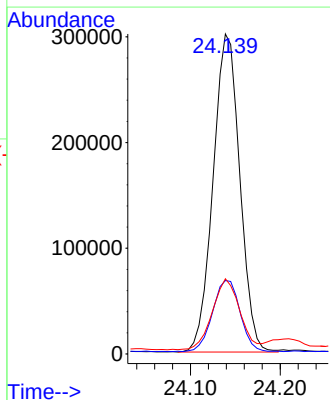
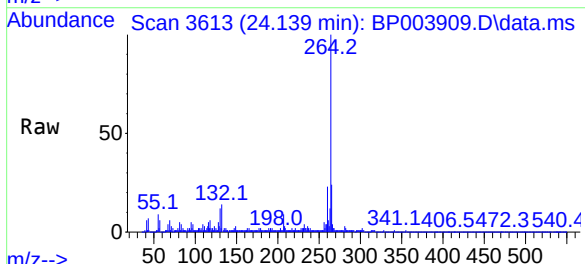
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP

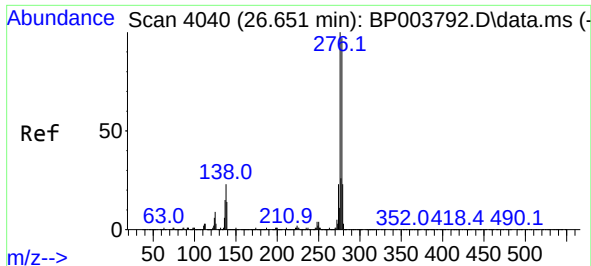
Tgt Ion:228	Resp: 826686
Ion Ratio	Lower Upper
228 100	
226 28.8	24.4 36.6
229 21.7	15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.139 min Scan# 3613
Delta R.T. 0.012 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion:264	Resp: 622368
Ion Ratio	Lower Upper
264 100	
260 22.9	18.8 28.2
265 23.5	17.4 26.2

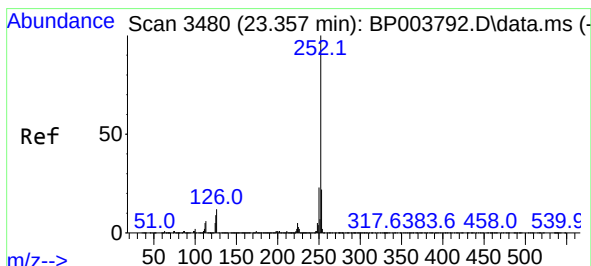
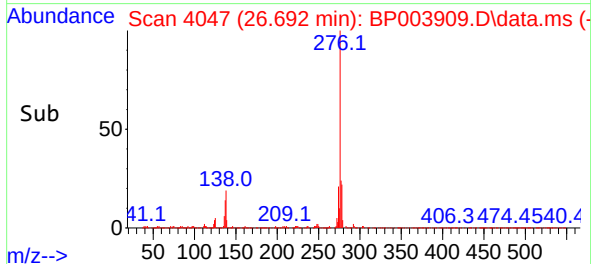
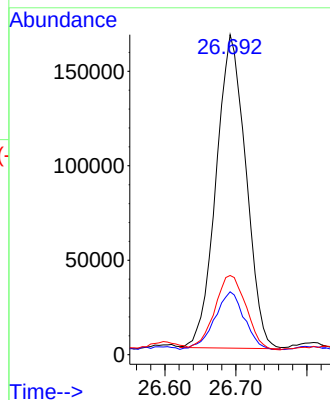
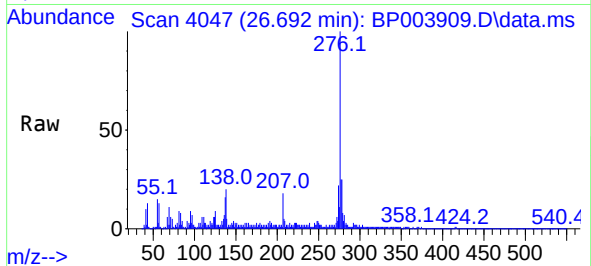




#87
Indeno(1,2,3-cd)pyrene
Concen: 10.75 ng
RT: 26.692 min Scan# 4047
Delta R.T. 0.006 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

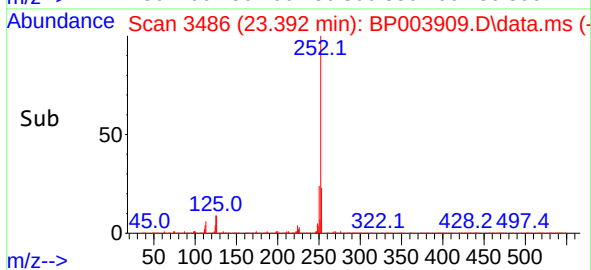
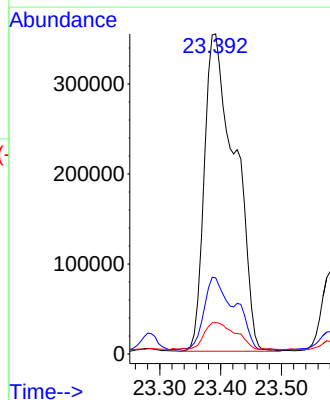
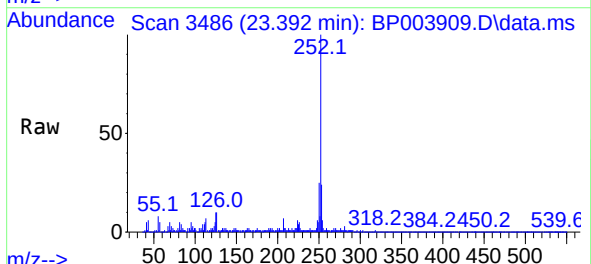
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP

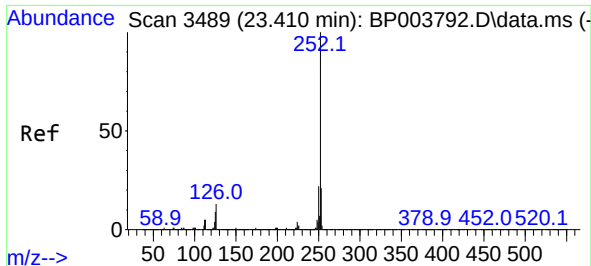
Tgt Ion:	276	Resp:	482545
Ion Ratio	Lower	Upper	
276	100		
138	18.4	18.7	28.1#
277	25.2	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 30.40 ng
RT: 23.392 min Scan# 3486
Delta R.T. 0.012 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion:	252	Resp:	1238248
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.6	26.4
125	9.8	7.3	10.9

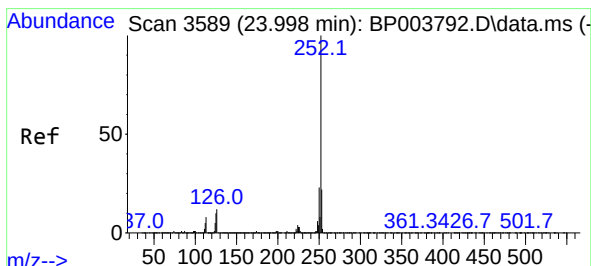
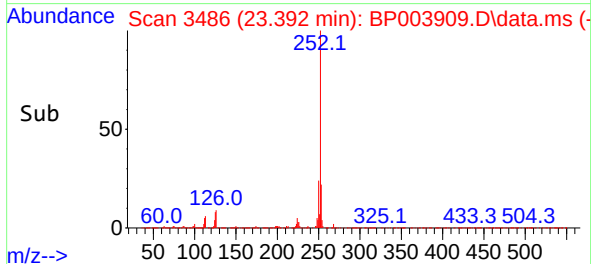
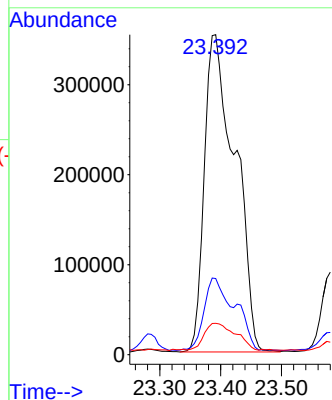
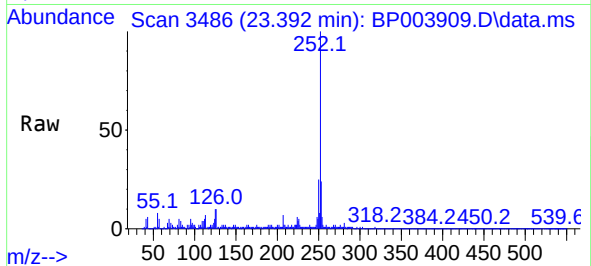




#89
Benzo(k)fluoranthene
Concen: 30.79 ng
RT: 23.392 min Scan# 3486
Delta R.T. -0.036 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

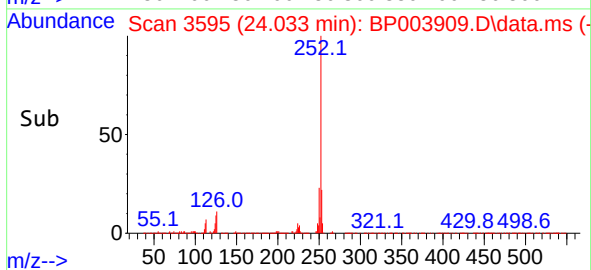
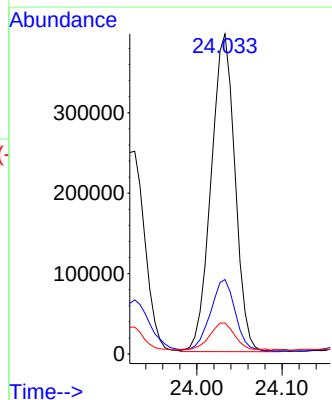
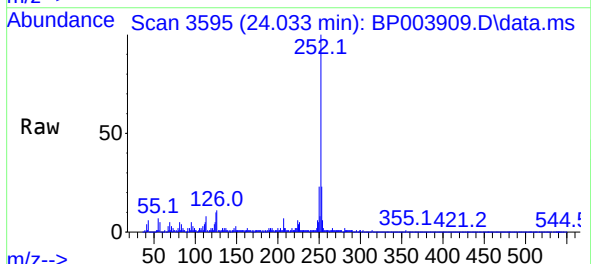
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP

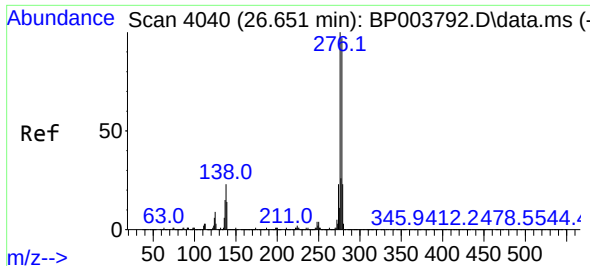
Tgt Ion:252 Resp: 1238248
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 9.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 20.41 ng
RT: 24.033 min Scan# 3595
Delta R.T. 0.012 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion:252 Resp: 769584
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 9.7 8.2 12.4

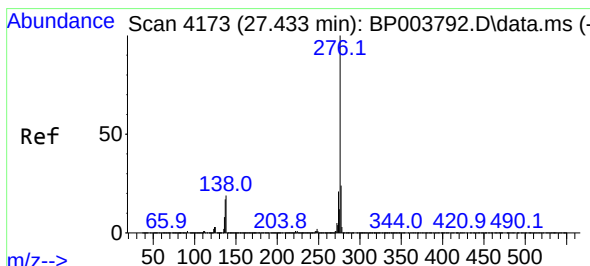
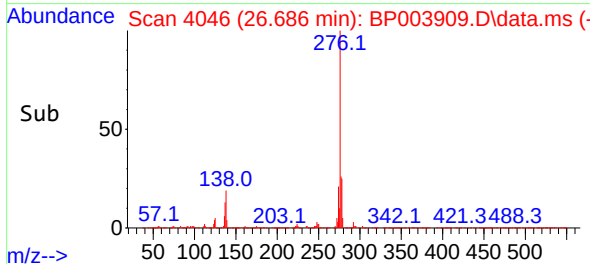
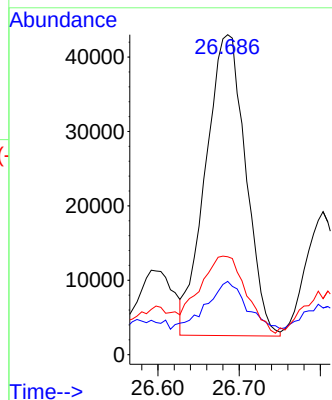
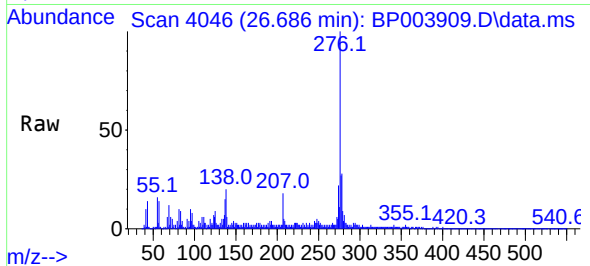




#91
Dibenzo(a,h)anthracene
Concen: 3.70 ng
RT: 26.686 min Scan# 4046
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP

Tgt Ion:278 Resp: 138625
Ion Ratio Lower Upper
278 100
139 22.9 12.4 18.6#
279 30.6 19.0 28.6#



#92
Benzo(g,h,i)perylene
Concen: 13.94 ng
RT: 27.486 min Scan# 4182
Delta R.T. 0.012 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion:276 Resp: 504898
Ion Ratio Lower Upper
276 100
277 24.9 19.0 28.6
138 18.6 16.6 24.8

