

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100520\
 Data File : BP003501.D
 Acq On : 05 Oct 2020 21:19
 Operator : CG/JU
 Sample : L4260-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B21-100220-10-18.5

Quant Time: Oct 06 04:20:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 14:33:14 2020
 Response via : Initial Calibration

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

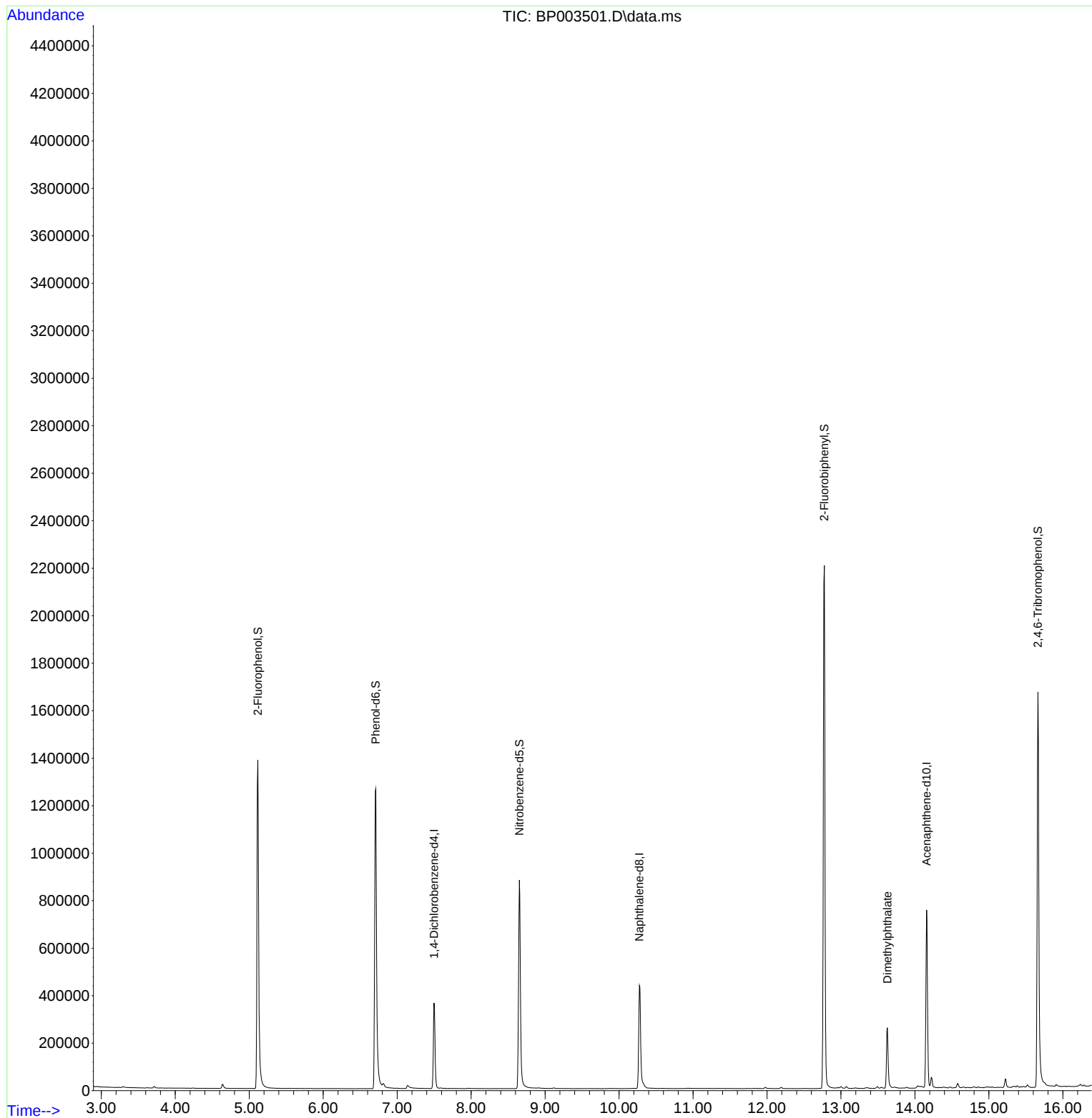
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	98138	20.00	ng	0.00
21) Naphthalene-d8	10.275	136	400386	20.00	ng	# 0.00
39) Acenaphthene-d10	14.157	164	253665	20.00	ng	0.00
64) Phenanthrene-d10	16.916	188	553941	20.00	ng	# 0.00
76) Chrysene-d12	21.022	240	594888	20.00	ng	0.00
86) Perylene-d12	23.198	264	537633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.117	112	697982	124.19	ng	0.00
7) Phenol-d6	6.711	99	895620	119.55	ng	0.00
23) Nitrobenzene-d5	8.652	82	587122	86.15	ng	0.00
42) 2,4,6-Tribromophenol	15.663	330	344405	89.02	ng	0.00
45) 2-Fluorobiphenyl	12.775	172	1164116	67.12	ng	0.00
79) Terphenyl-d14	19.504	244	1595988	55.90	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.628	163	187077	9.24	ng	100
71) Phenanthrene	16.957	178	214696	7.12	ng	98
75) Fluoranthene	18.951	202	301440	7.95	ng	98
78) Pyrene	19.298	202	276376	7.45	ng	99
81) Benzo(a)anthracene	21.010	228	133352	3.47	ng	97
83) Chrysene	21.063	228	109687	2.97	ng	97
88) Benzo(b)fluoranthene	22.551	252	130884	3.86	ng	# 96
90) Benzo(a)pyrene	23.104	252	102425	3.20	ng	# 95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100520\
Data File : BP003501.D
Acq On : 05 Oct 2020 21:19
Operator : CG/JU
Sample : L4260-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B21-100220-10-18.5

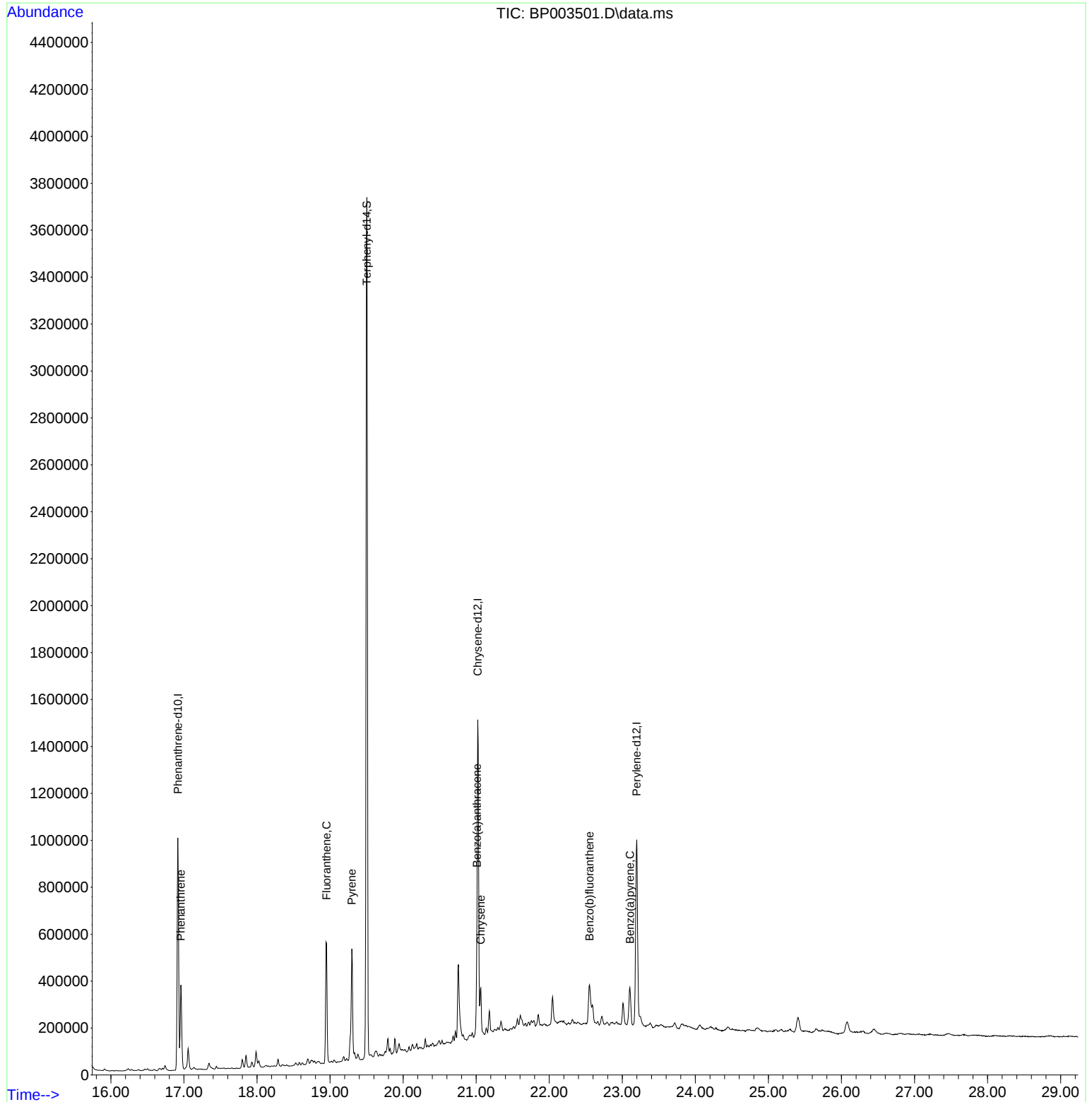
Quant Time: Oct 06 04:20:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 14:33:14 2020
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100520\
Data File : BP003501.D
Acq On : 05 Oct 2020 21:19
Operator : CG/JU
Sample : L4260-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B21-100220-10-18.5

Quant Time: Oct 06 04:20:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 14:33:14 2020
Response via : Initial Calibration

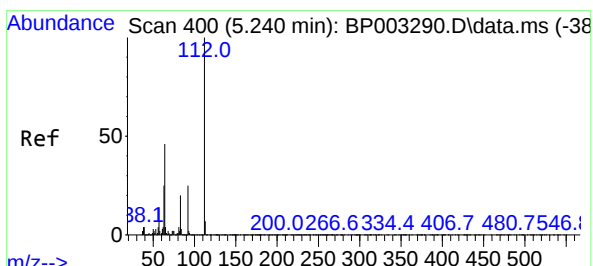
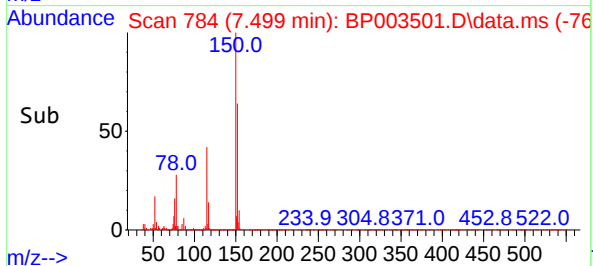
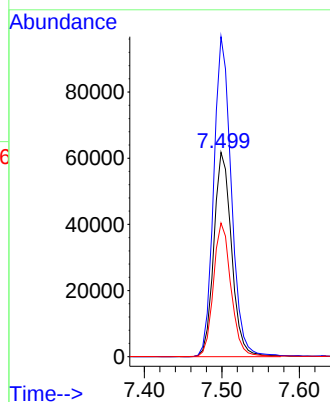
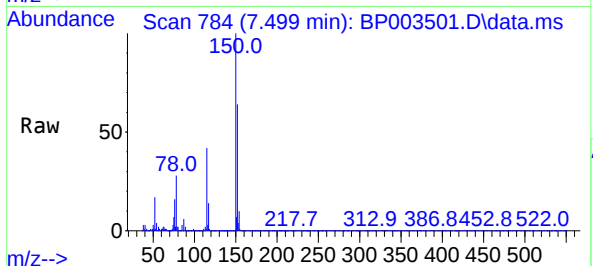




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.499 min Scan# 784
Delta R.T. 0.001 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

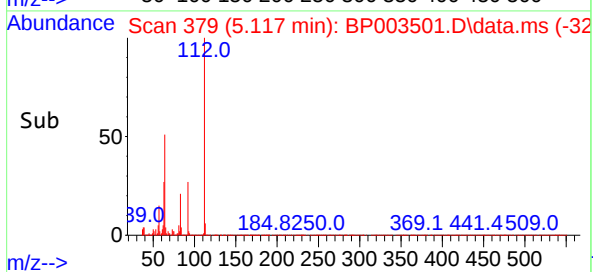
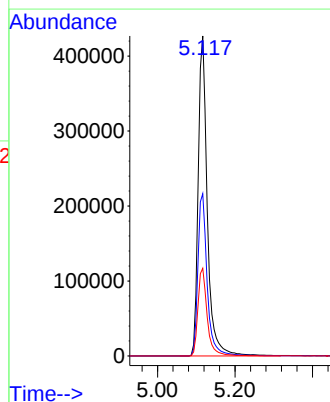
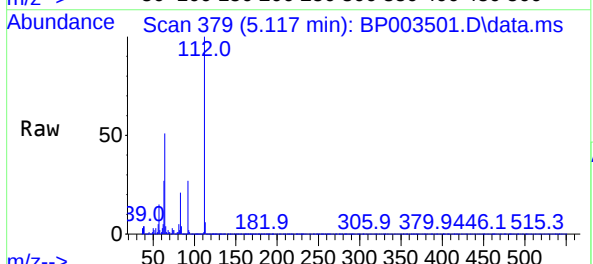
Instrument :
BNA_P
ClientSampleId :
PAV-B21-100220-10-18.5

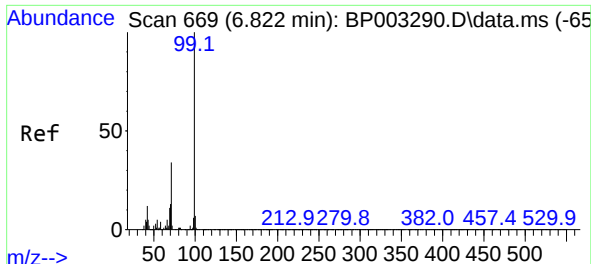
Tgt Ion:152 Resp: 98138
Ion Ratio Lower Upper
152 100
150 156.6 123.8 185.6
115 65.4 43.8 65.6



#5
2-Fluorophenol
Concen: 124.19 ng
RT: 5.117 min Scan# 379
Delta R.T. 0.006 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

Tgt Ion:112 Resp: 697982
Ion Ratio Lower Upper
112 100
64 50.7 32.8 49.2#
63 27.4 17.0 25.4#

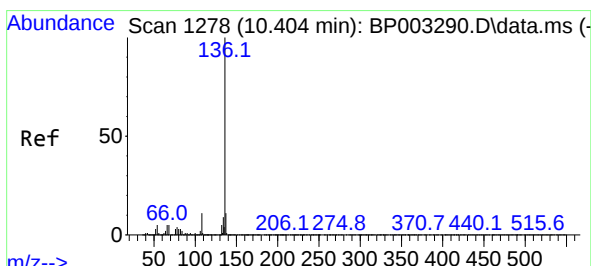
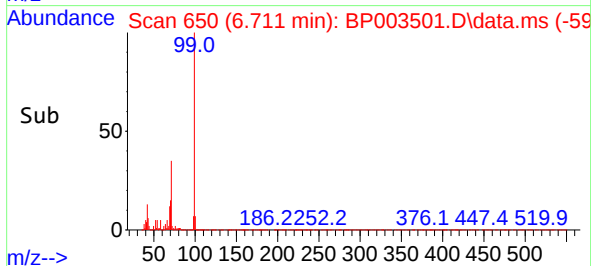
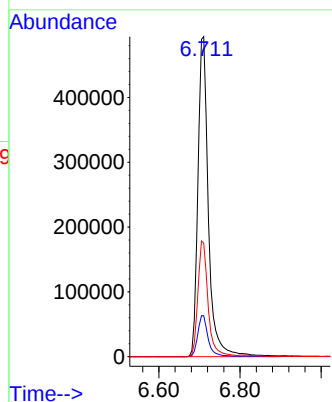
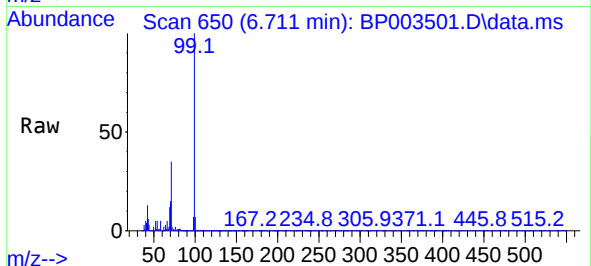




#7
Phenol-d6
Concen: 119.55 ng
RT: 6.711 min Scan# 650
Delta R.T. 0.006 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

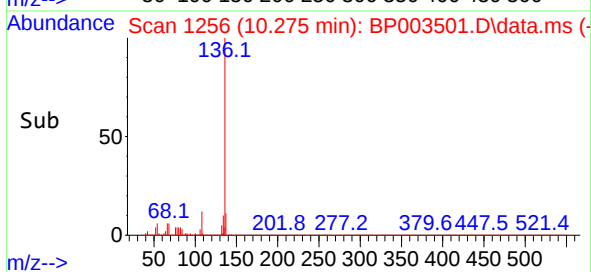
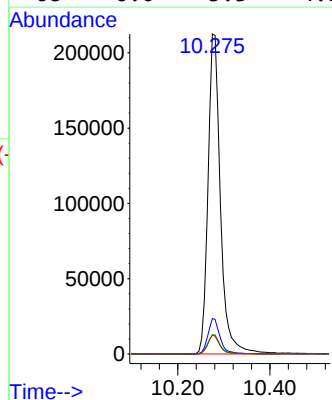
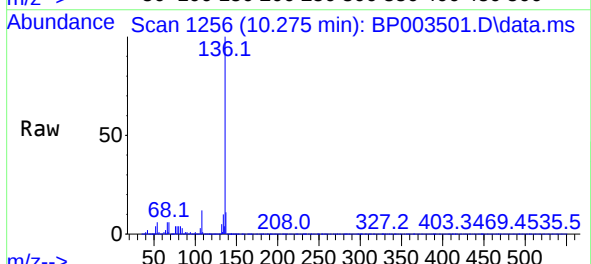
Instrument :
BNA_P
ClientSampleId :
PAV-B21-100220-10-18.5

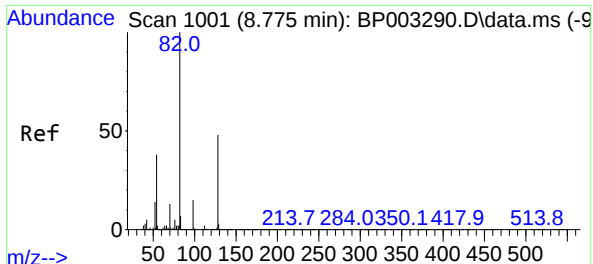
Tgt Ion: 99 Resp: 895620
Ion Ratio Lower Upper
99 100
42 12.8 8.6 13.0
71 35.5 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.275 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

Tgt Ion: 136 Resp: 400386
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.8 3.6 5.4#
68 6.0 3.3 4.9#

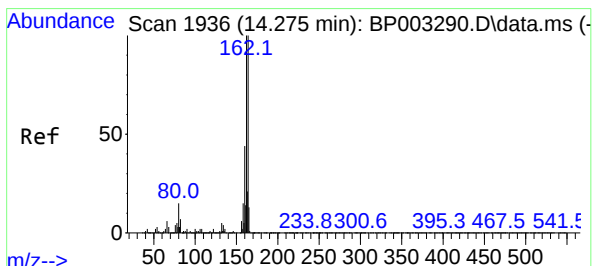
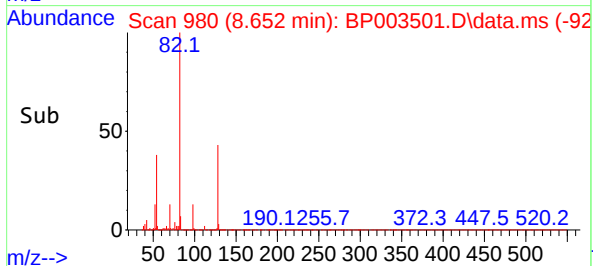
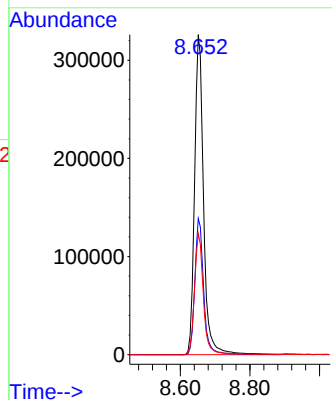
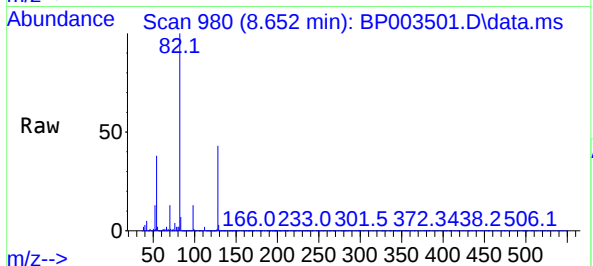




#23
Nitrobenzene-d5
Concen: 86.15 ng
RT: 8.652 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

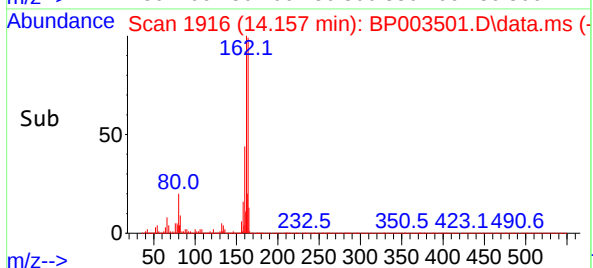
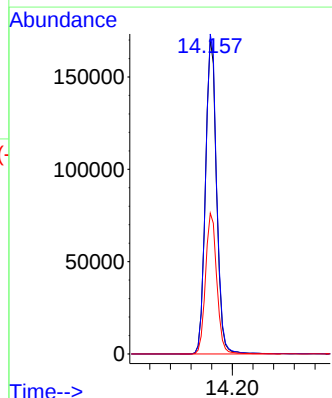
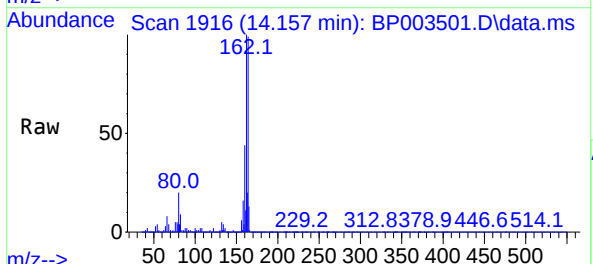
Instrument :
BNA_P
ClientSampleId :
PAV-B21-100220-10-18.5

Tgt Ion: 82 Resp: 587122
Ion Ratio Lower Upper
82 100
128 42.5 45.6 68.4#
54 37.8 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.157 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

Tgt Ion: 164 Resp: 253665
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.2
160 44.7 36.1 54.1

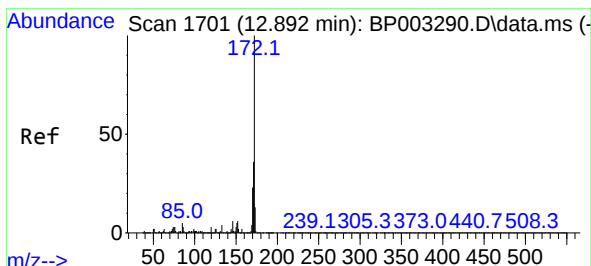
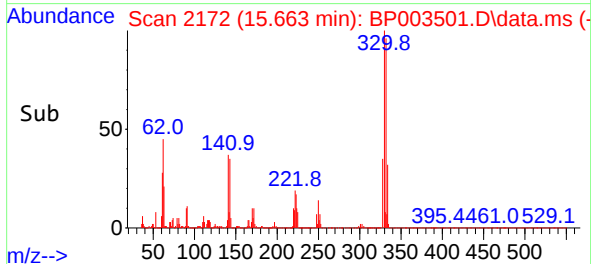
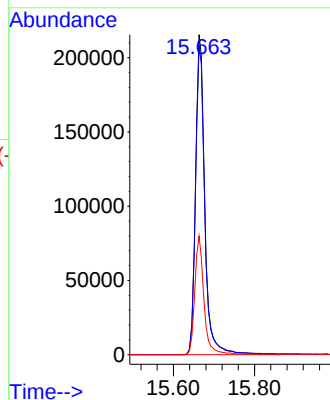
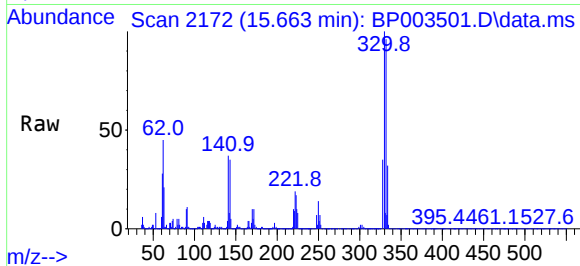




#42
2,4,6-Tribromophenol
Concen: 89.02 ng
RT: 15.663 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

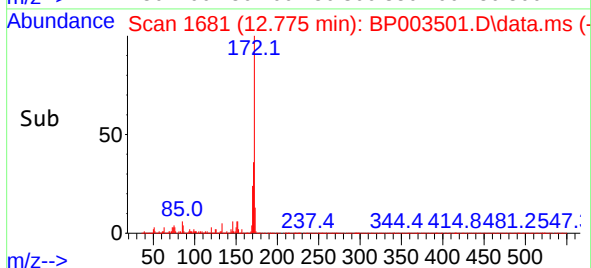
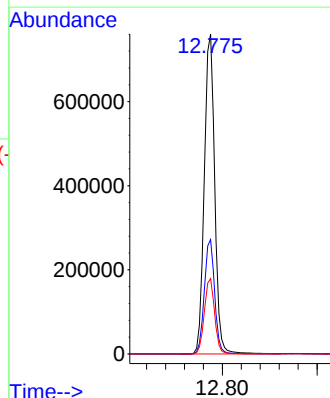
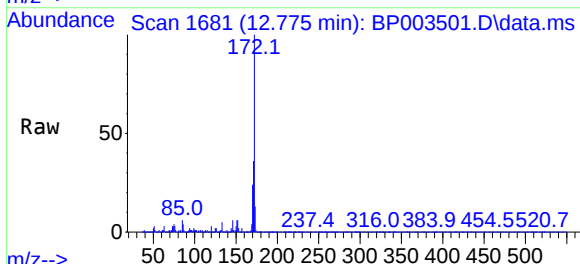
Instrument :
BNA_P
ClientSampleId :
PAV-B21-100220-10-18.5

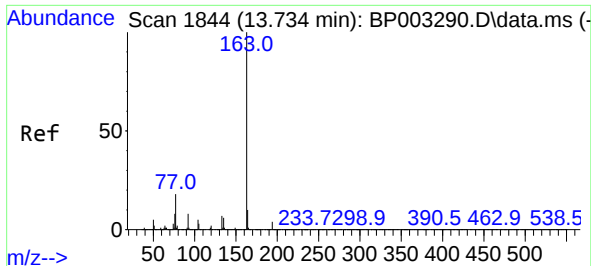
Tgt Ion:330 Resp: 344405
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 36.7 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 67.12 ng
RT: 12.775 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

Tgt Ion:172 Resp: 1164116
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.6 19.2 28.8

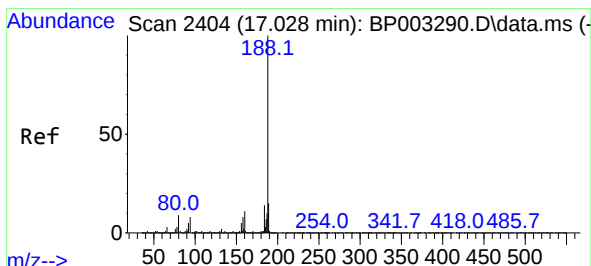
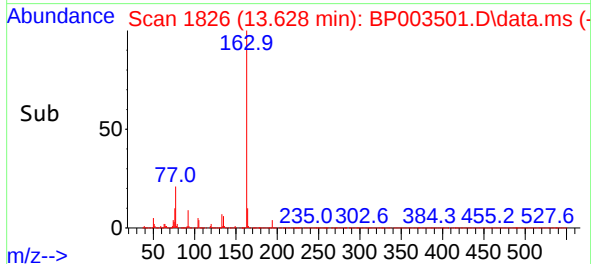
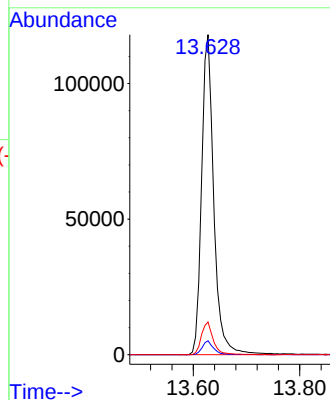
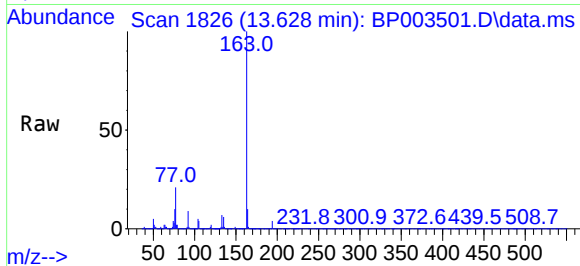




#50
Dimethylphthalate
Concen: 9.24 ng
RT: 13.628 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

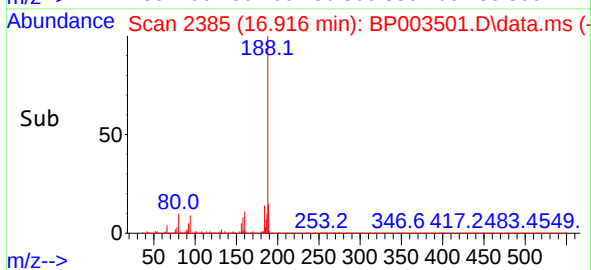
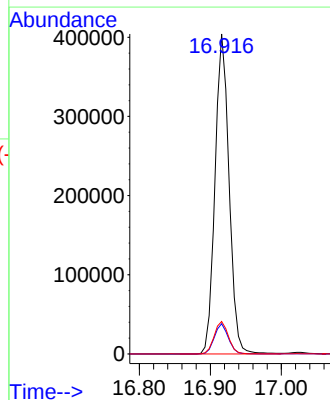
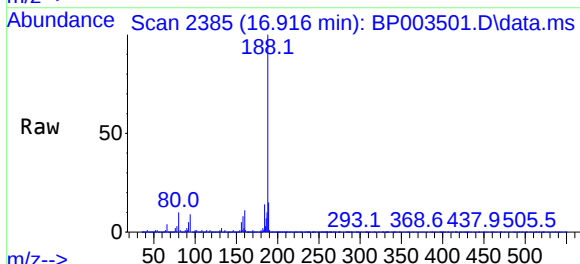
Instrument :
BNA_P
ClientSampleId :
PAV-B21-100220-10-18.5

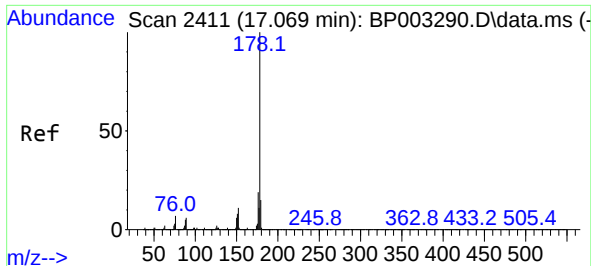
Tgt Ion:163 Resp: 187077
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.2 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.916 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

Tgt Ion:188 Resp: 553941
Ion Ratio Lower Upper
188 100
94 9.5 6.2 9.2#
80 10.2 6.2 9.2#

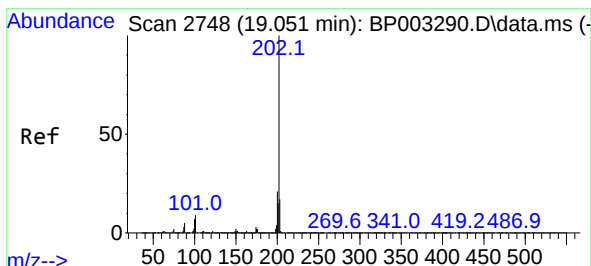
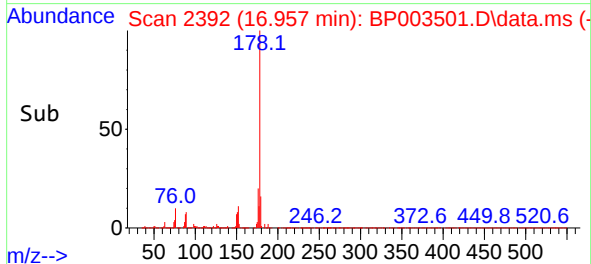
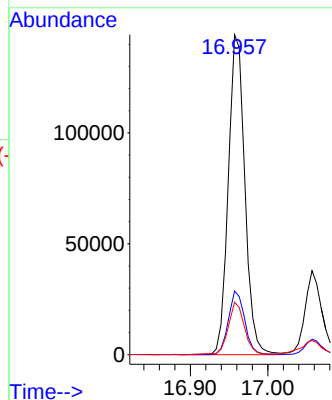
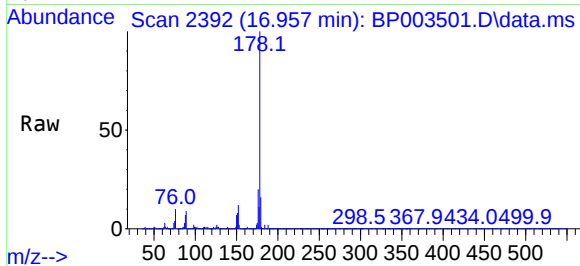




#71
Phenanthrene
Concen: 7.12 ng
RT: 16.957 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

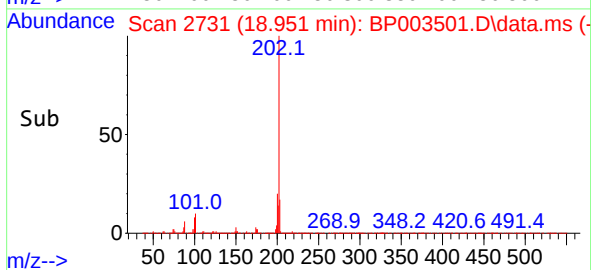
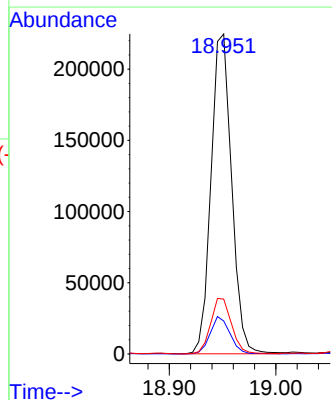
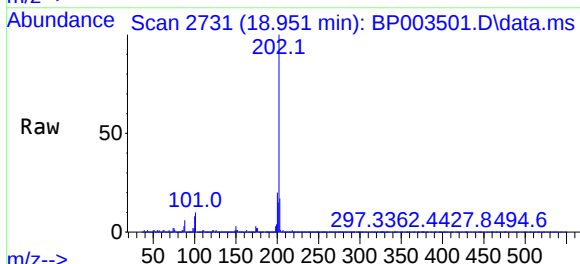
Instrument :
BNA_P
ClientSampleId :
PAV-B21-100220-10-18.5

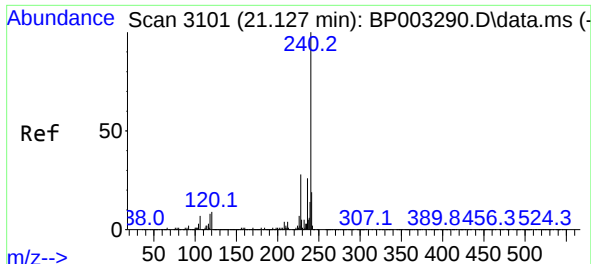
Tgt Ion:178 Resp: 214696
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 16.4 12.5 18.7



#75
Fluoranthene
Concen: 7.95 ng
RT: 18.951 min Scan# 2731
Delta R.T. 0.006 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

Tgt Ion:202 Resp: 301440
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.4
203 17.1 0.0 37.8

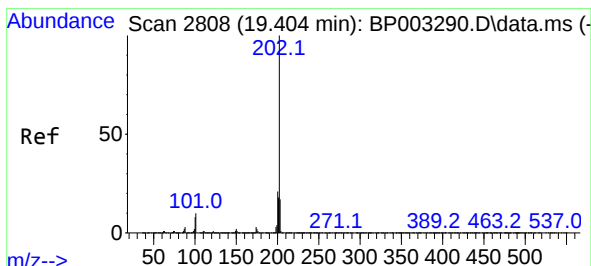
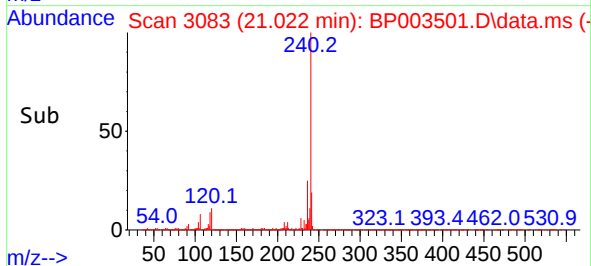
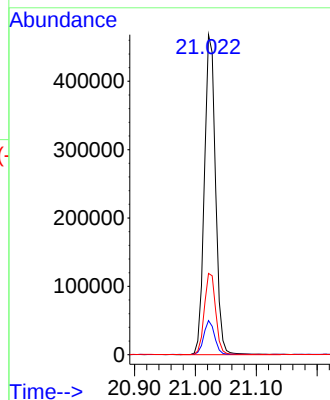
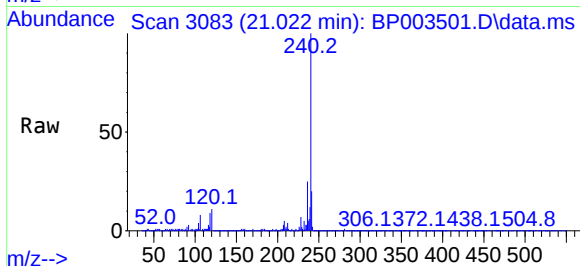




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.022 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

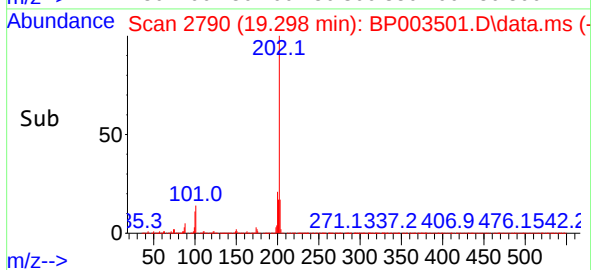
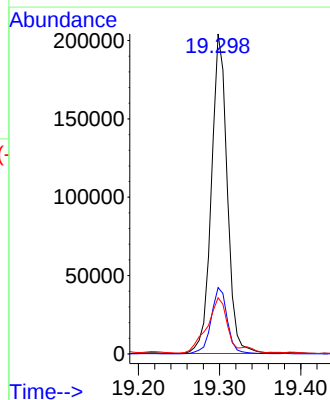
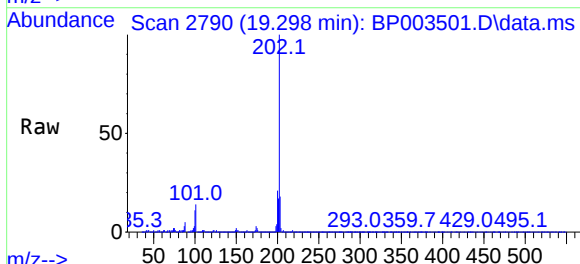
Instrument :
BNA_P
ClientSampleId :
PAV-B21-100220-10-18.5

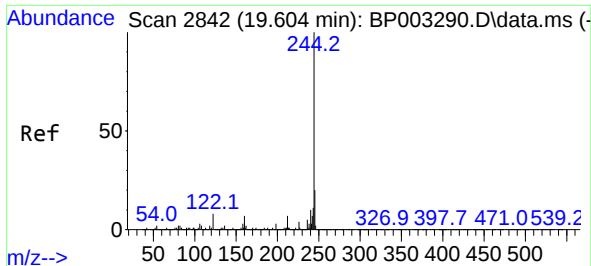
Tgt Ion:240 Resp: 594888
Ion Ratio Lower Upper
240 100
120 10.7 7.8 11.6
236 25.4 20.8 31.2



#78
Pyrene
Concen: 7.45 ng
RT: 19.298 min Scan# 2790
Delta R.T. 0.000 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

Tgt Ion:202 Resp: 276376
Ion Ratio Lower Upper
202 100
200 20.7 17.1 25.7
203 17.6 14.2 21.2

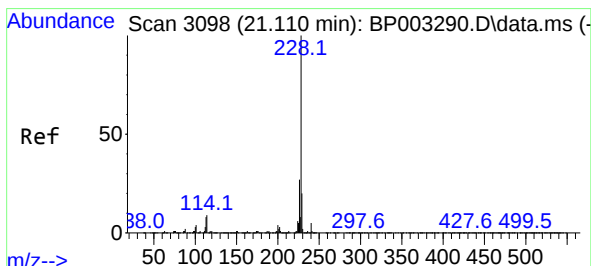
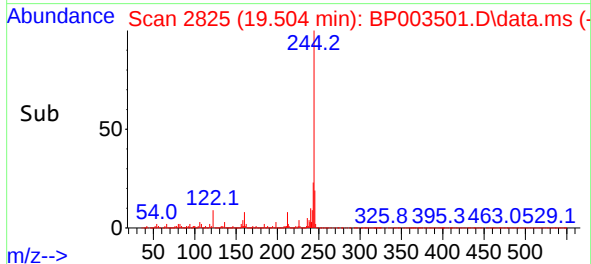
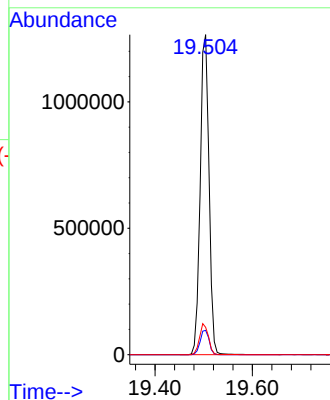
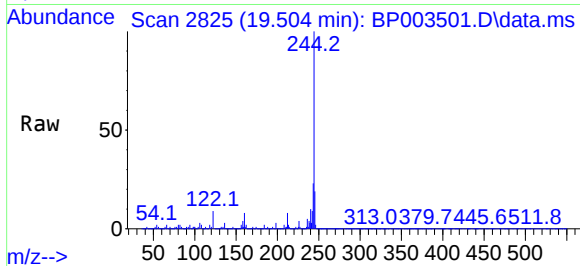




#79
Terphenyl-d14
Concen: 55.90 ng
RT: 19.504 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

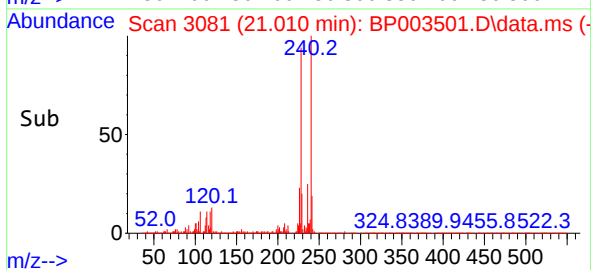
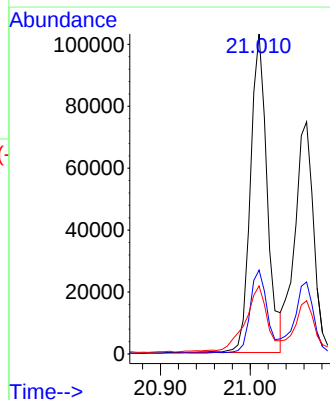
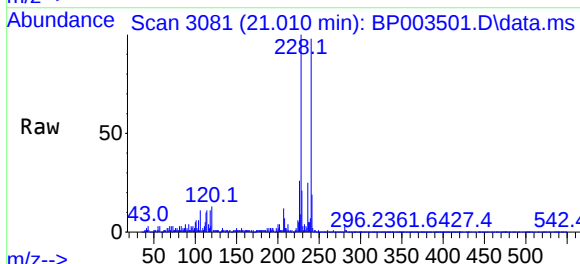
Instrument :
BNA_P
ClientSampleId :
PAV-B21-100220-10-18.5

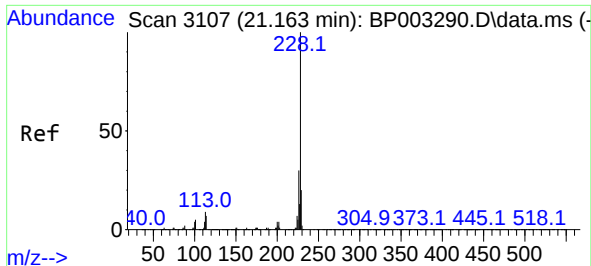
Tgt Ion:244 Resp: 1595988
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 8.5 7.8 11.8



#81
Benzo(a)anthracene
Concen: 3.47 ng
RT: 21.010 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

Tgt Ion:228 Resp: 133352
Ion Ratio Lower Upper
228 100
226 26.2 22.1 33.1
229 21.3 15.9 23.9



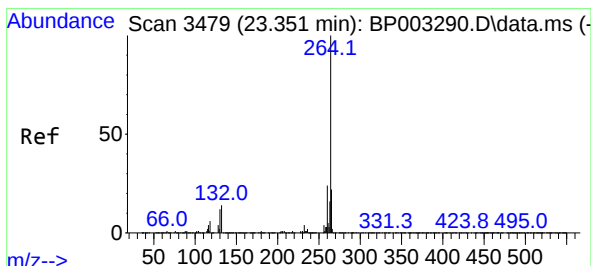
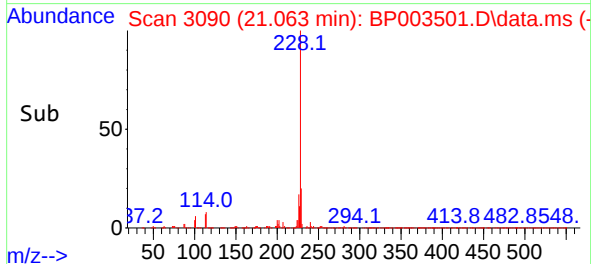
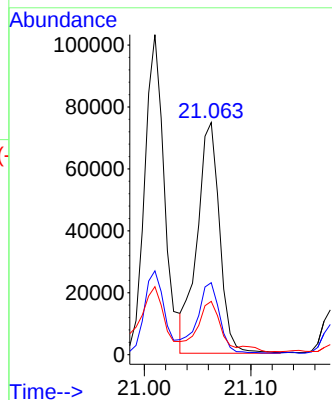
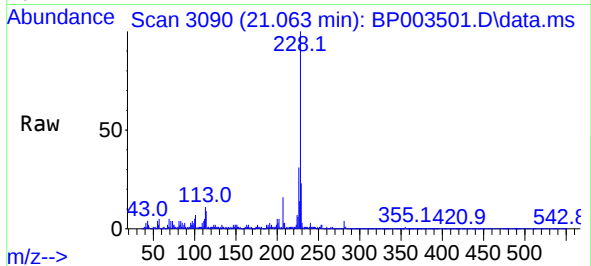


#83
Chrysene
Concen: 2.97 ng
RT: 21.063 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

Instrument :
BNA_P
ClientSampleId :
PAV-B21-100220-10-18.5

Tgt Ion:228 Resp: 109687

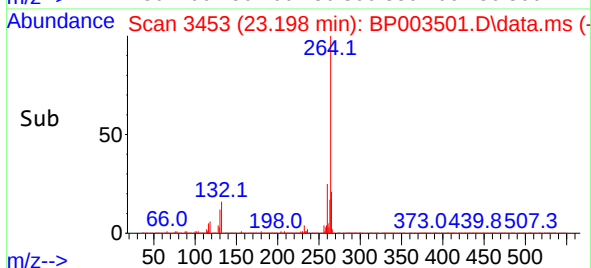
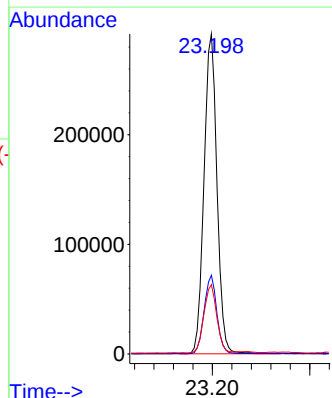
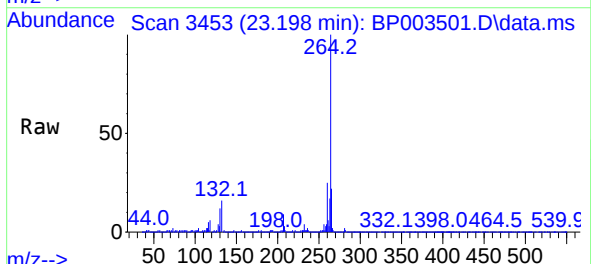
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	23.0	15.8	23.6

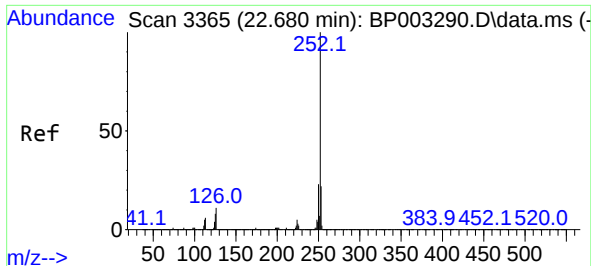


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.198 min Scan# 3453
Delta R.T. 0.000 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

Tgt Ion:264 Resp: 537633

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.8	28.2
265	21.6	17.4	26.2

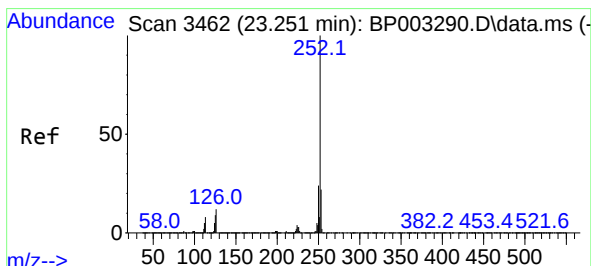
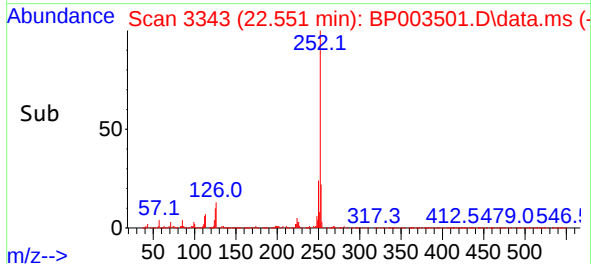
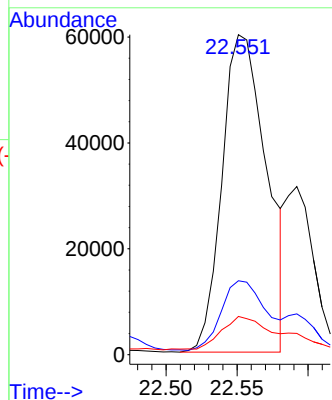
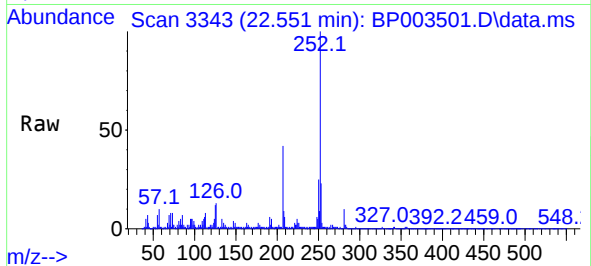




#88
Benzo(b)fluoranthene
Concen: 3.86 ng
RT: 22.551 min Scan# 3343
Delta R.T. 0.006 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

Instrument :
BNA_P
ClientSampleId :
PAV-B21-100220-10-18.5

Tgt Ion:	252	Resp:	130884
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.6	26.4
125	11.9	7.3	10.9#



#90
Benzo(a)pyrene
Concen: 3.20 ng
RT: 23.104 min Scan# 3437
Delta R.T. 0.000 min
Lab File: BP003501.D
Acq: 05 Oct 2020 21:19

Tgt Ion:	252	Resp:	102425
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.0
125	12.5	8.2	12.4#

