

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110620\
 Data File : BP003849.D
 Acq On : 06 Nov 2020 20:14
 Operator : CG/JU
 Sample : L4657-02 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B49-110520-0-10

Quant Time: Nov 06 23:34:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 11:33:14 2020
 Response via : Initial Calibration

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

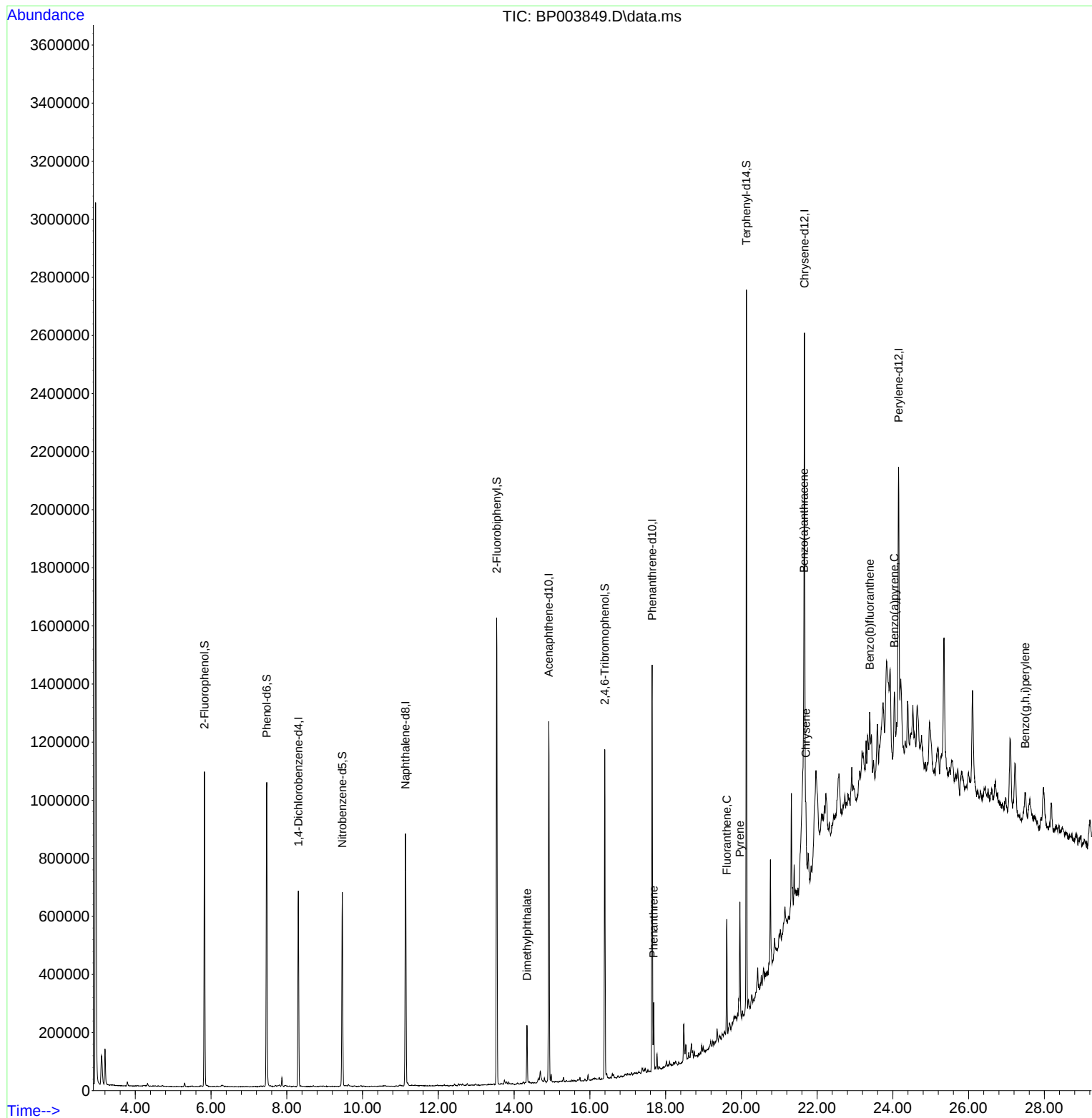
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.304	152	178650	20.00	ng	0.00
21) Naphthalene-d8	11.134	136	689522	20.00	ng	# 0.00
39) Acenaphthene-d10	14.916	164	416476	20.00	ng	0.00
64) Phenanthrene-d10	17.645	188	830048	20.00	ng	# 0.00
76) Chrysene-d12	21.668	240	741304	20.00	ng	0.00
86) Perylene-d12	24.151	264	768189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.828	112	458207	42.81	ng	0.00
7) Phenol-d6	7.469	99	591350	38.48	ng	0.00
23) Nitrobenzene-d5	9.463	82	368773	26.19	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	208103	39.95	ng	0.00
45) 2-Fluorobiphenyl	13.539	172	822819	27.62	ng	0.00
79) Terphenyl-d14	20.133	244	994997	25.93	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.339	163	125107	3.84	ng	# 98
71) Phenanthrene	17.686	178	138389	2.97	ng	98
75) Fluoranthene	19.616	202	230840	4.29	ng	99
78) Pyrene	19.963	202	231901	4.61	ng	99
81) Benzo(a)anthracene	21.651	228	117106	2.40	ng	# 92
83) Chrysene	21.704	228	112694	2.40	ng	# 93
88) Benzo(b)fluoranthene	23.392	252	157086	3.12	ng	# 85
90) Benzo(a)pyrene	24.039	252	132699	2.85	ng	# 88
92) Benzo(g,h,i)perylene	27.498	276	112572	2.52	ng	# 93

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

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Quant Time: Nov 06 23:34:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 11:33:14 2020
Response via : Initial Calibration

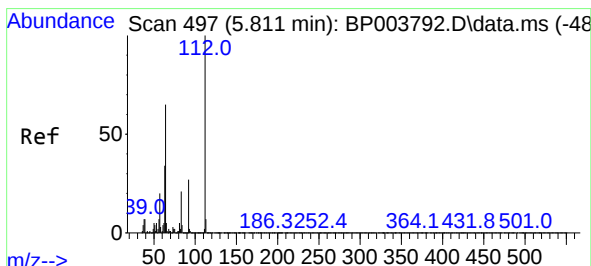
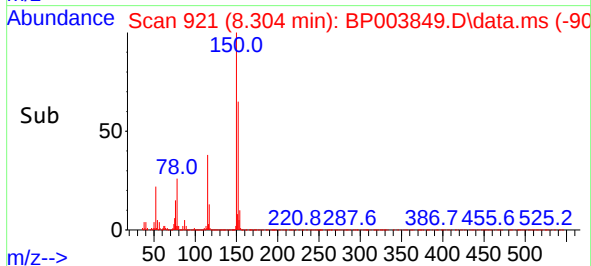
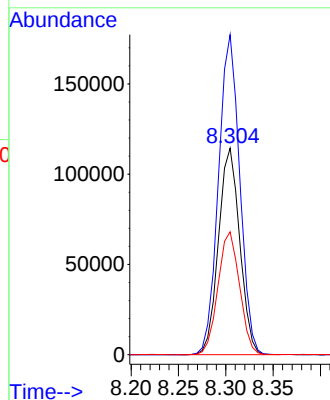
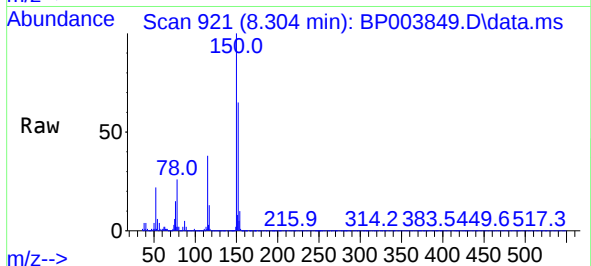




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.304 min Scan# 921
Delta R.T. -0.001 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

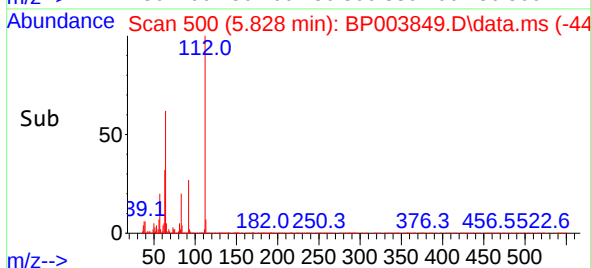
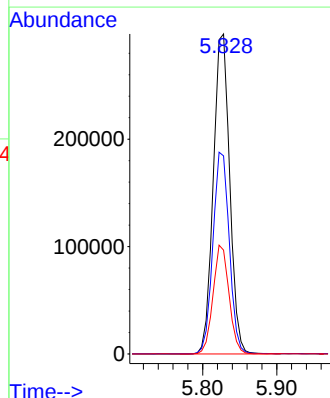
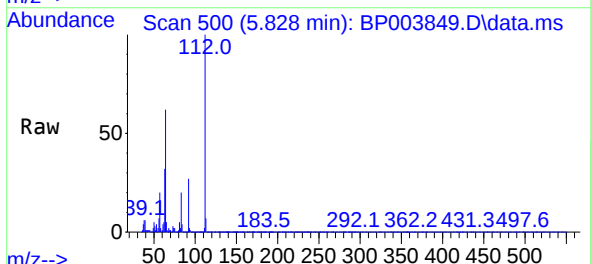
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10

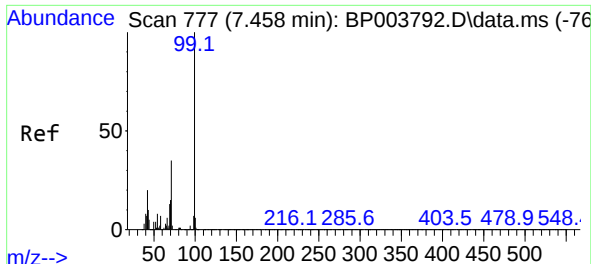
Tgt Ion:152 Resp: 178650
Ion Ratio Lower Upper
152 100
150 154.9 123.8 185.6
115 59.5 43.8 65.6



#5
2-Fluorophenol
Concen: 42.81 ng
RT: 5.828 min Scan# 500
Delta R.T. 0.006 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

Tgt Ion:112 Resp: 458207
Ion Ratio Lower Upper
112 100
64 61.9 32.8 49.2#
63 32.4 17.0 25.4#

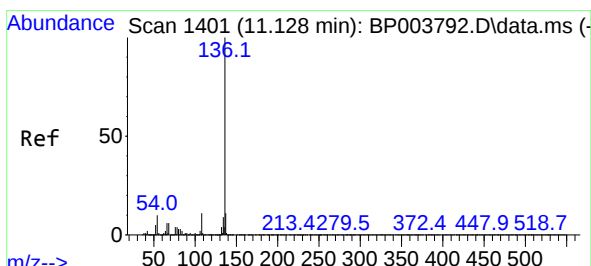
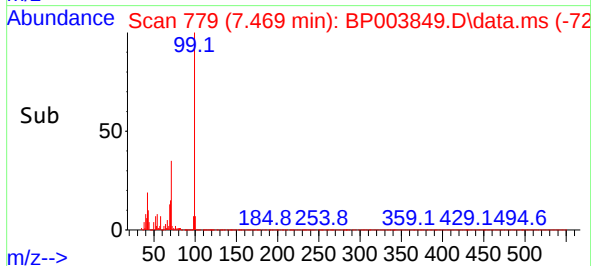
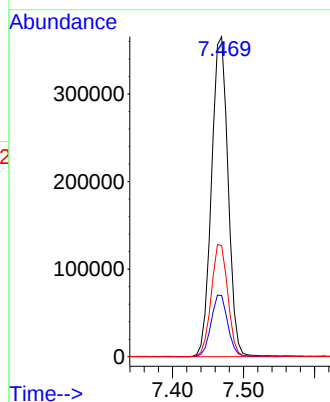
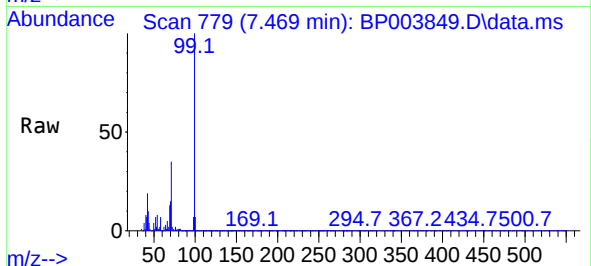




#7
Phenol-d6
Concen: 38.48 ng
RT: 7.469 min Scan# 779
Delta R.T. -0.000 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

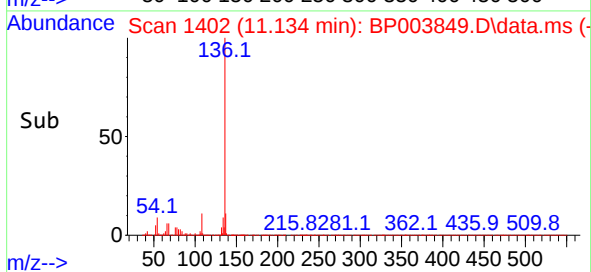
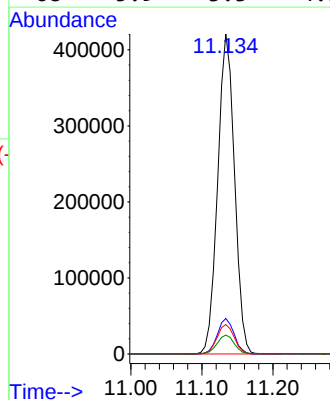
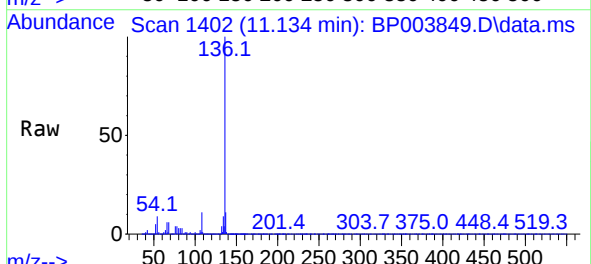
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10

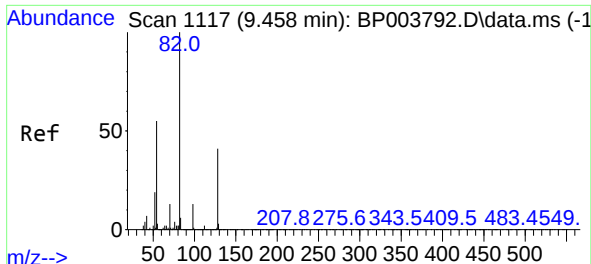
Tgt Ion: 99 Resp: 591350
Ion Ratio Lower Upper
99 100
42 19.1 8.6 13.0#
71 34.7 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.134 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

Tgt Ion: 136 Resp: 689522
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.2 3.6 5.4#
68 5.9 3.3 4.9#

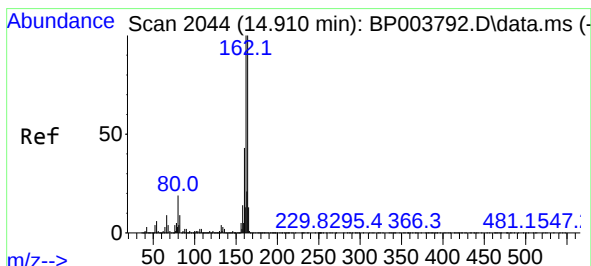
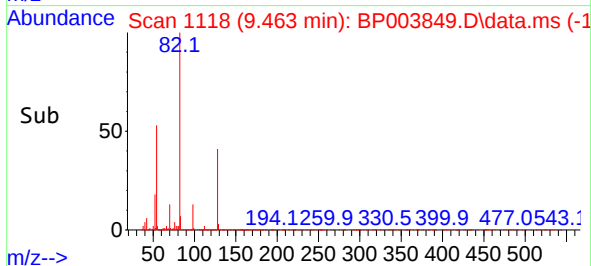
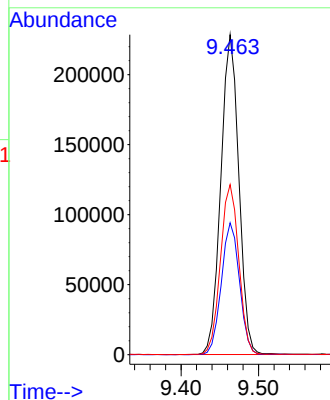
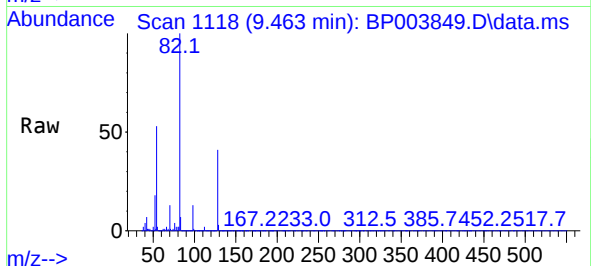




#23
Nitrobenzene-d5
Concen: 26.19 ng
RT: 9.463 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

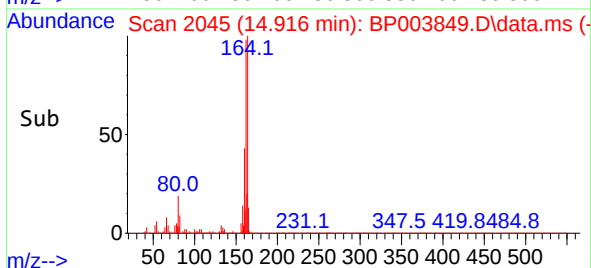
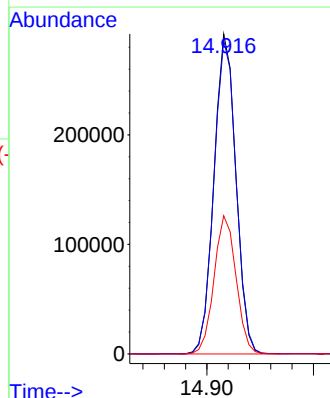
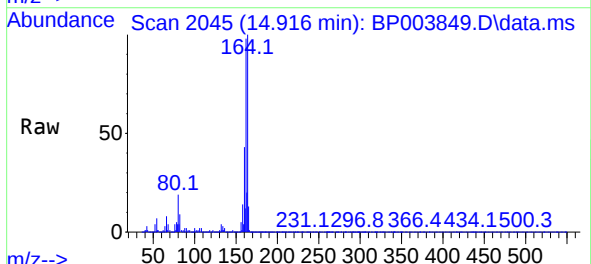
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10

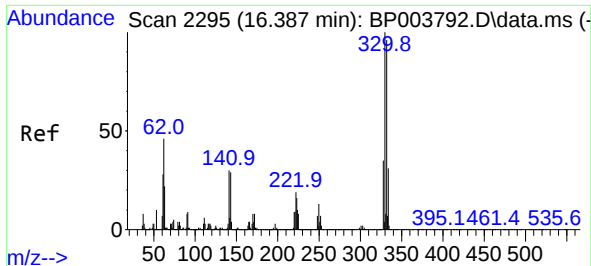
Tgt Ion: 82 Resp: 368773
Ion Ratio Lower Upper
82 100
128 41.2 45.6 68.4#
54 53.2 30.1 45.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.916 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

Tgt Ion: 164 Resp: 416476
Ion Ratio Lower Upper
164 100
162 98.0 79.4 119.2
160 43.2 36.1 54.1

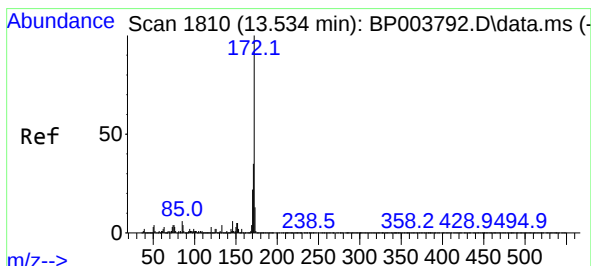
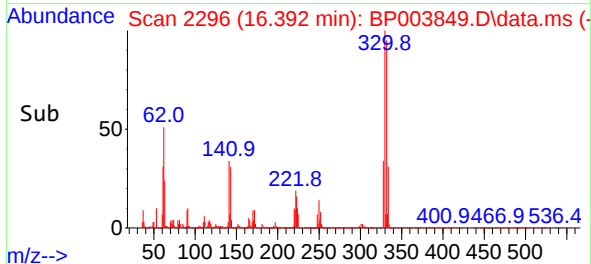
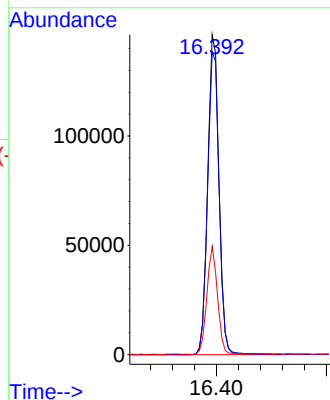
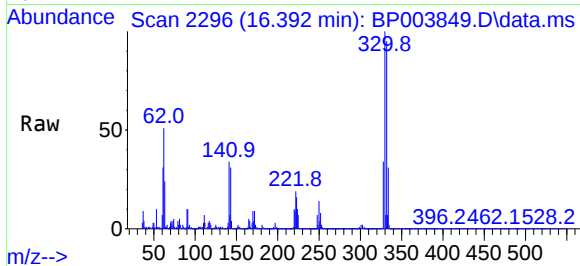




#42
2,4,6-Tribromophenol
Concen: 39.95 ng
RT: 16.392 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

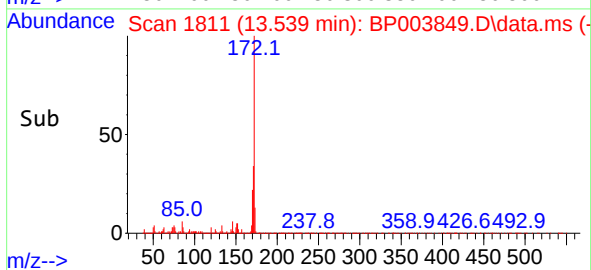
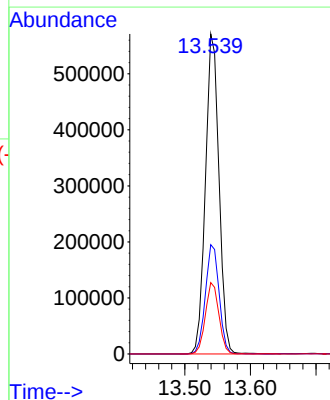
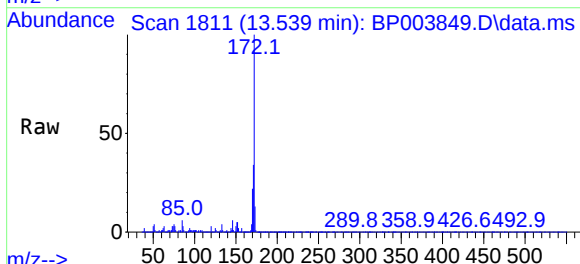
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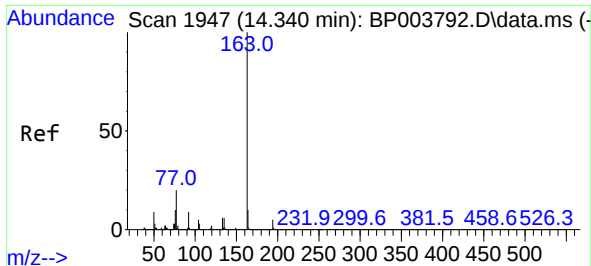
Tgt Ion:330 Resp: 208103
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 31.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 27.62 ng
RT: 13.539 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

Tgt Ion:172 Resp: 822819
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 22.3 19.2 28.8

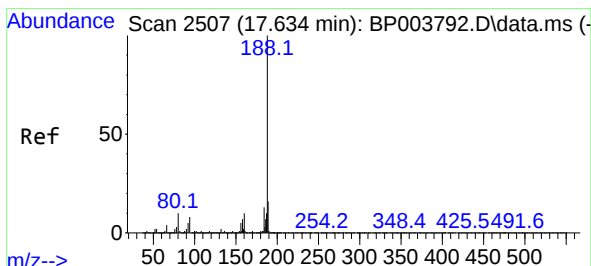
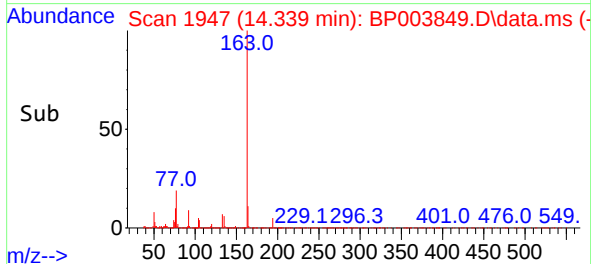
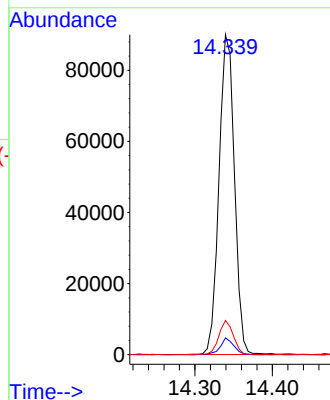
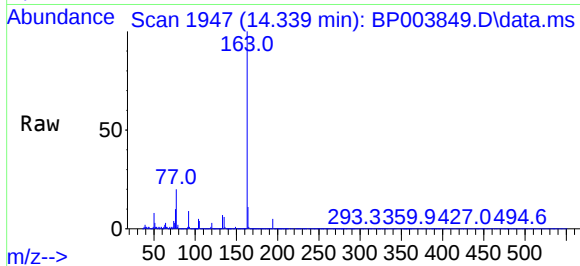




#50
Dimethylphthalate
Concen: 3.84 ng
RT: 14.339 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

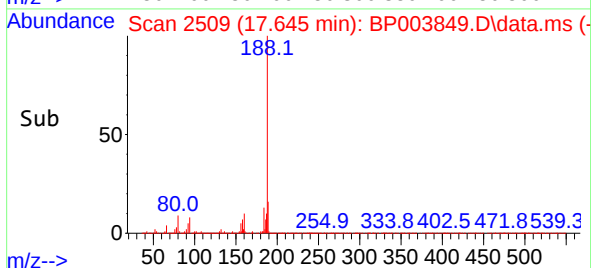
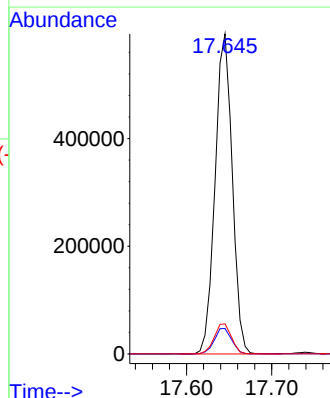
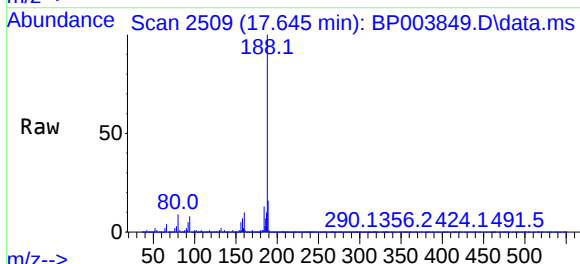
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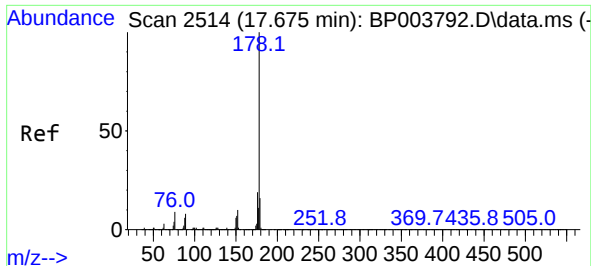
Tgt Ion:163 Resp: 125107
Ion Ratio Lower Upper
163 100
194 5.2 3.3 4.9#
164 10.7 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.645 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

Tgt Ion:188 Resp: 830048
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 9.4 6.2 9.2#

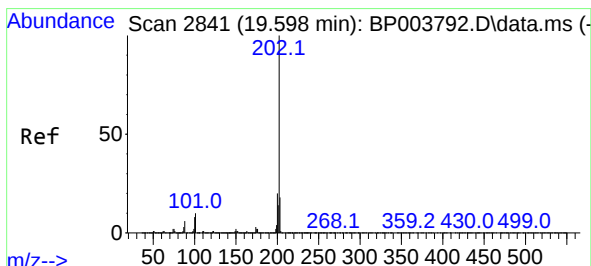
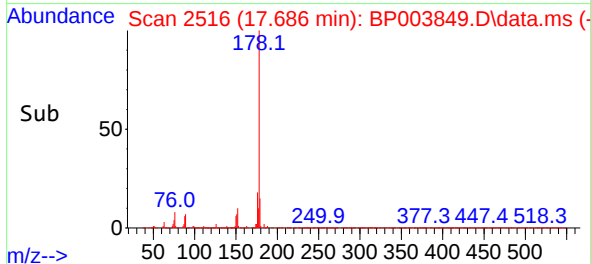
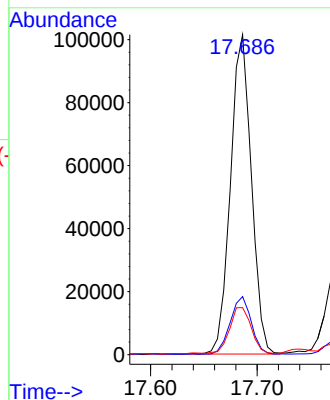
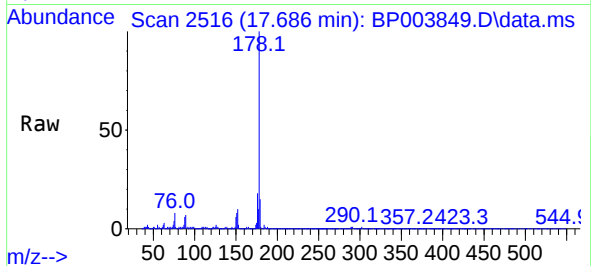




#71
Phenanthrene
Concen: 2.97 ng
RT: 17.686 min Scan# 2516
Delta R.T. -0.000 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

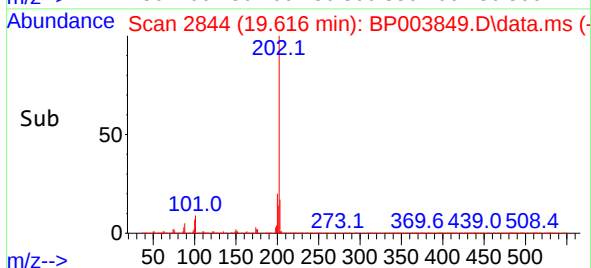
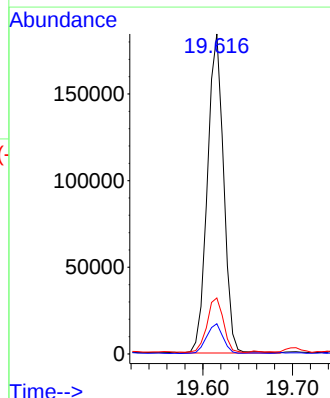
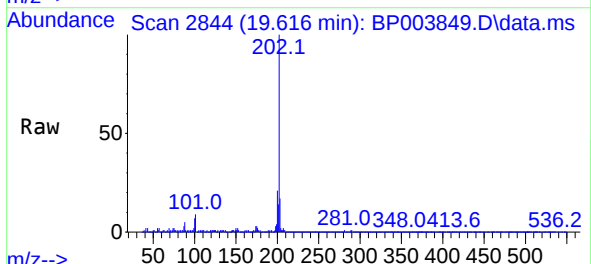
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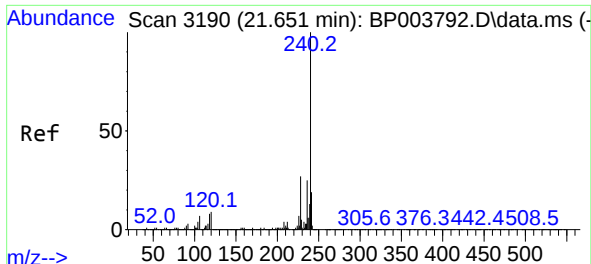
Tgt Ion:178 Resp: 138389
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 14.7 12.5 18.7



#75
Fluoranthene
Concen: 4.29 ng
RT: 19.616 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

Tgt Ion:202 Resp: 230840
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.4
203 17.5 0.0 37.8

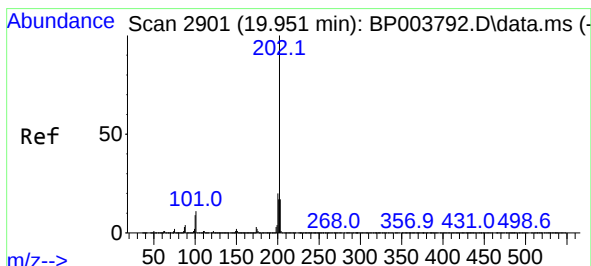
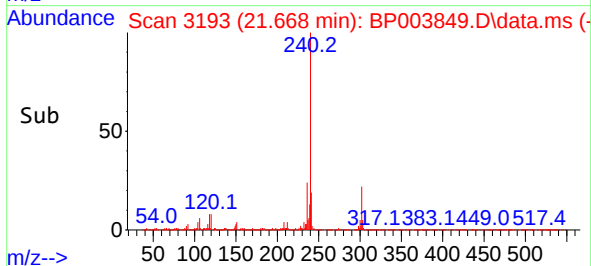
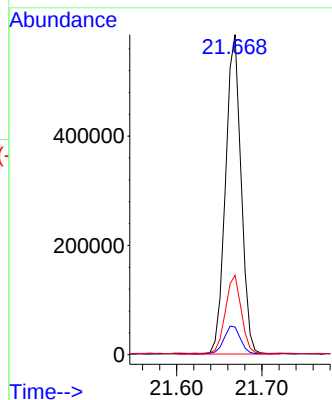
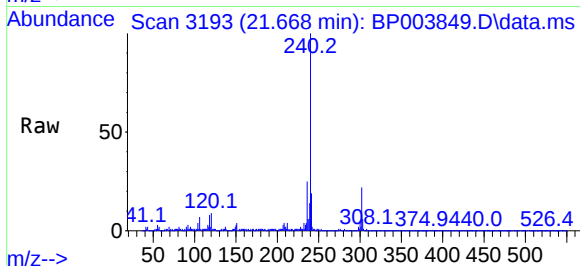




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.668 min Scan# 3193
Delta R.T. -0.000 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

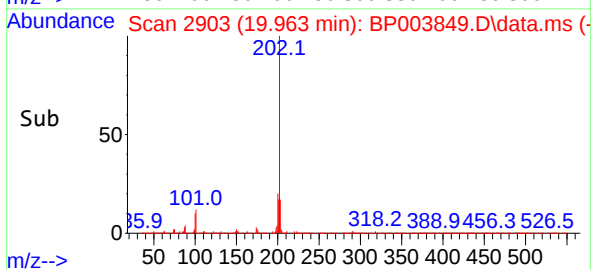
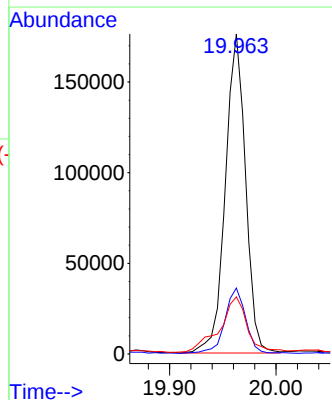
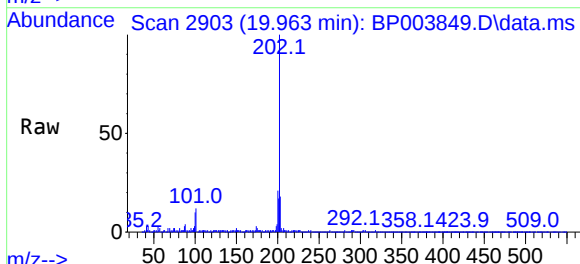
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PAV-B49-110520-0-10

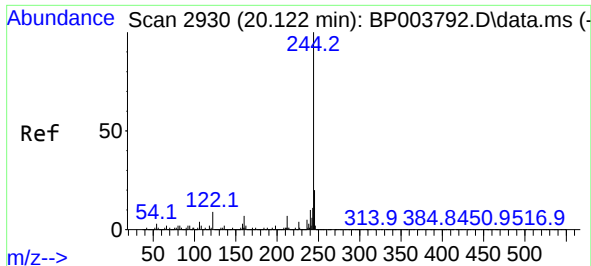
Tgt Ion:240 Resp: 741304
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 24.8 20.8 31.2



#78
Pyrene
Concen: 4.61 ng
RT: 19.963 min Scan# 2903
Delta R.T. -0.000 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

Tgt Ion:202 Resp: 231901
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 17.9 14.2 21.2



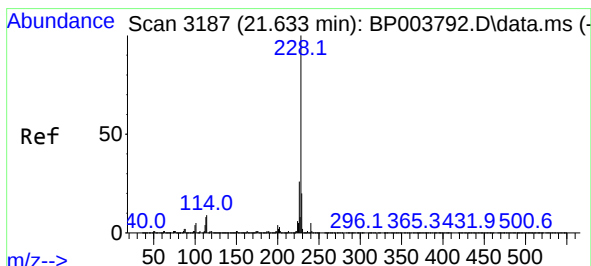
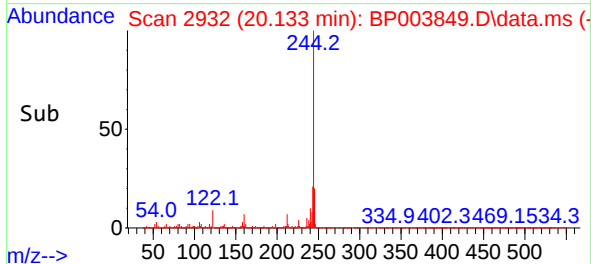
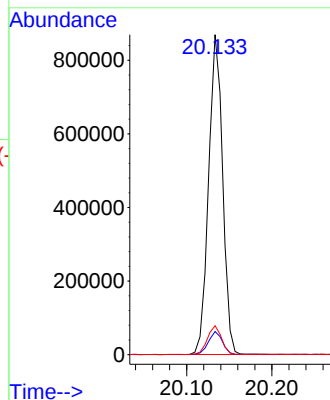
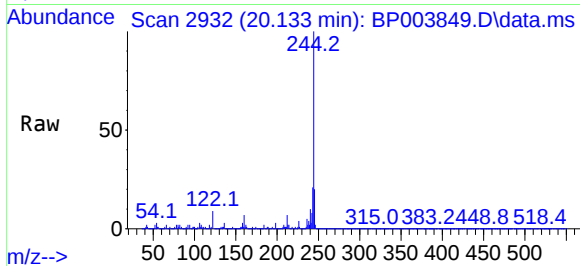


#79
Terphenyl-d14
Concen: 25.93 ng
RT: 20.133 min Scan# 2932
Delta R.T. -0.000 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10

Tgt Ion:244 Resp: 994997

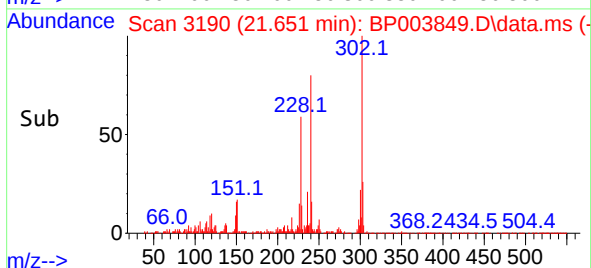
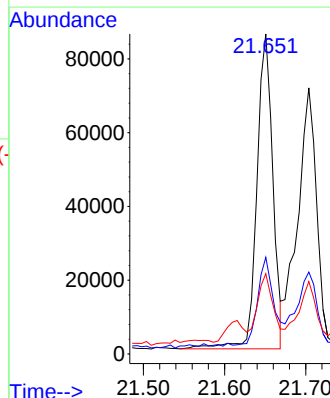
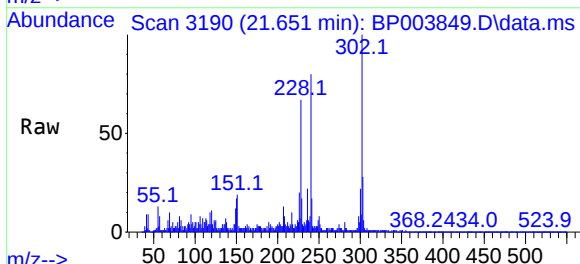
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.1	7.8	11.8

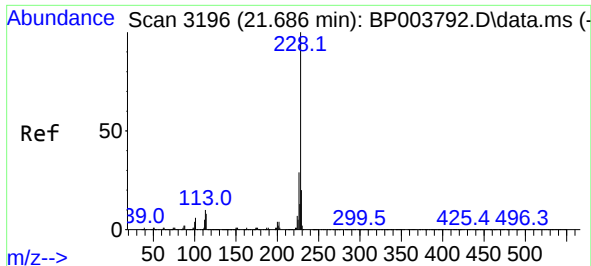


#81
Benzo(a)anthracene
Concen: 2.40 ng
RT: 21.651 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

Tgt Ion:228 Resp: 117106

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.1	33.1
229	25.1	15.9	23.9

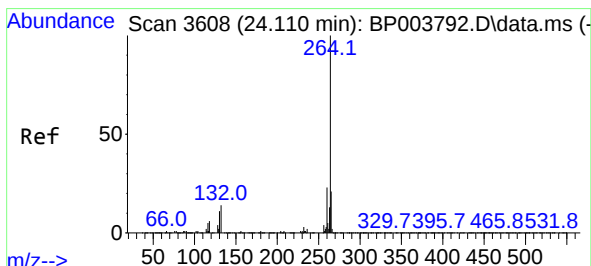
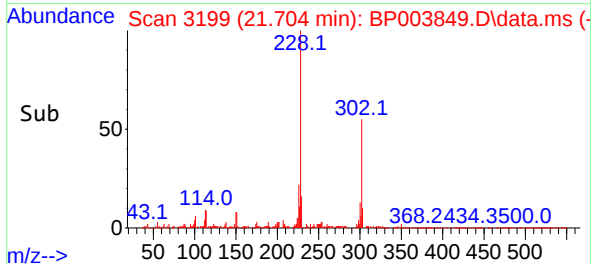
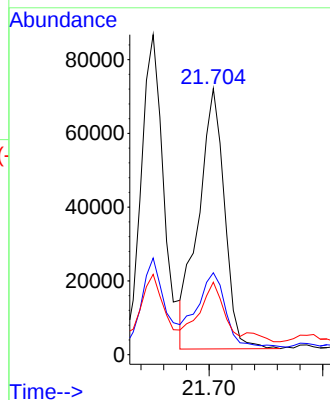
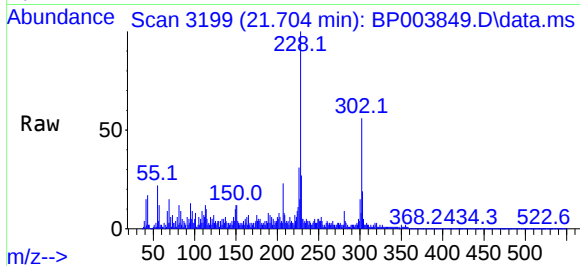




#83
Chrysene
Concen: 2.40 ng
RT: 21.704 min Scan# 3199
Delta R.T. -0.000 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

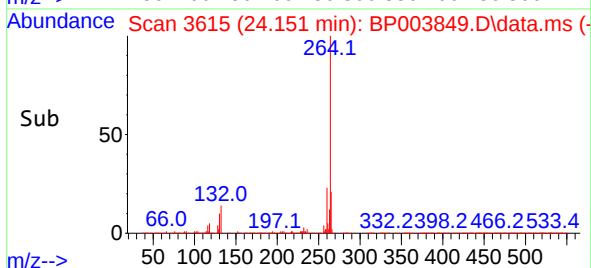
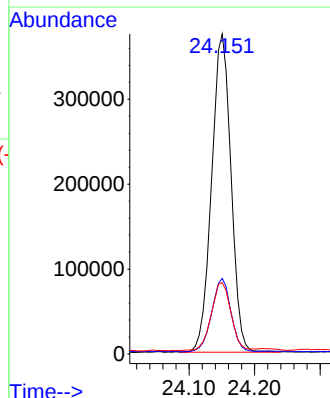
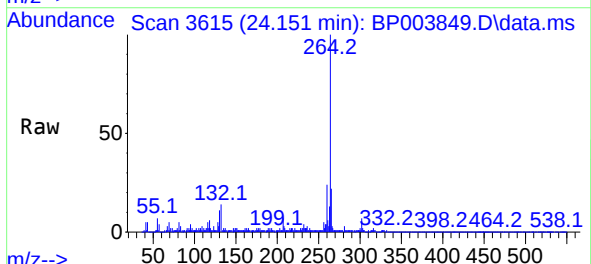
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10

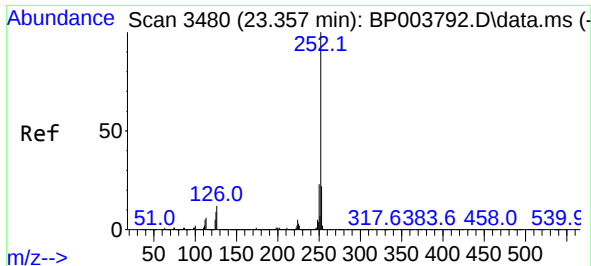
Tgt Ion:	228	Resp:	112694
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.4	36.6
229	27.3	15.8	23.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.151 min Scan# 3615
Delta R.T. 0.006 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

Tgt Ion:	264	Resp:	768189
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.8	28.2
265	22.3	17.4	26.2

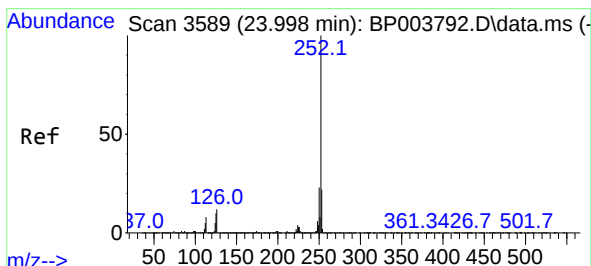
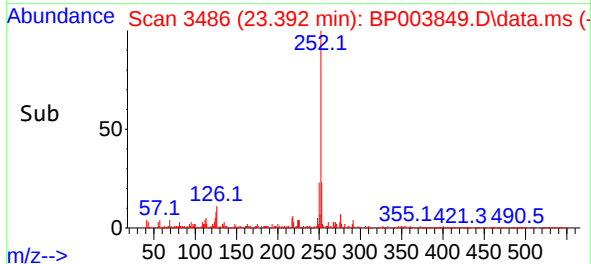
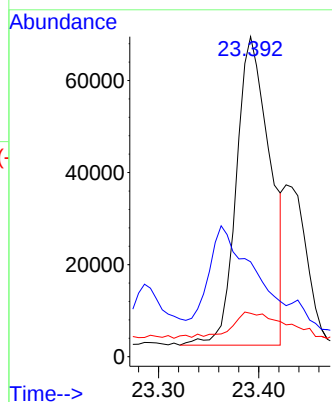
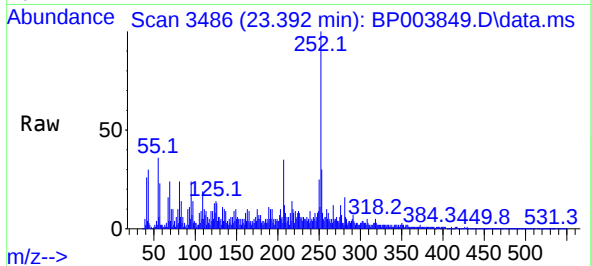




#88
Benzo(b)fluoranthene
Concen: 3.12 ng
RT: 23.392 min Scan# 3486
Delta R.T. -0.000 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

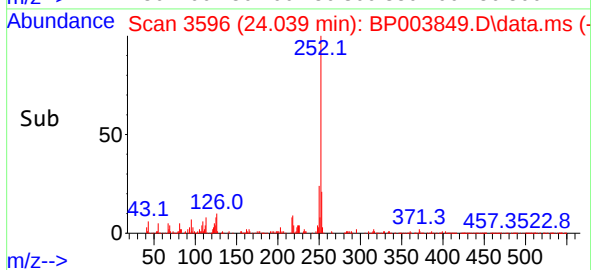
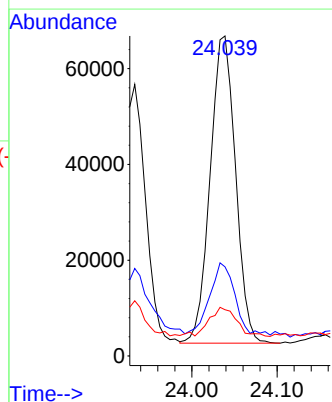
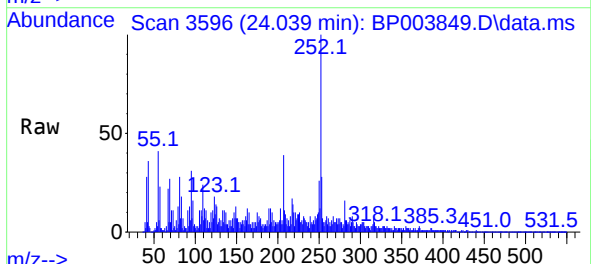
Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10

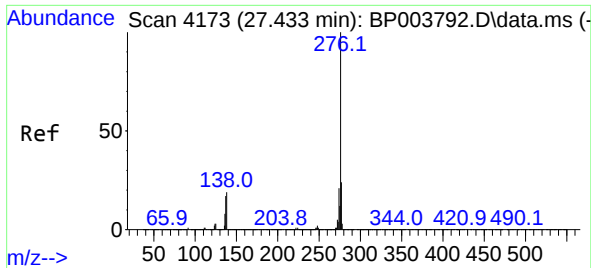
Tgt Ion:252 Resp: 157086
Ion Ratio Lower Upper
252 100
253 29.7 17.6 26.4#
125 13.5 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 2.85 ng
RT: 24.039 min Scan# 3596
Delta R.T. 0.006 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

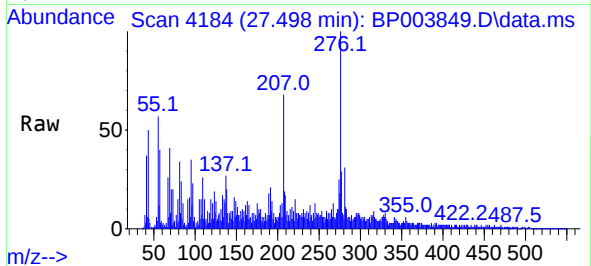
Tgt Ion:252 Resp: 132699
Ion Ratio Lower Upper
252 100
253 27.9 17.4 26.0#
125 14.4 8.2 12.4#





#92
Benzo(g,h,i)perylene
Concen: 2.52 ng
RT: 27.498 min Scan# 4184
Delta R.T. 0.006 min
Lab File: BP003849.D
Acq: 06 Nov 2020 20:14

Instrument :
BNA_P
ClientSampleId :
PAV-B49-110520-0-10



Tgt Ion: 276 Resp: 112572
Ion Ratio Lower Upper
276 100
277 29.3 19.0 28.6#
138 19.5 16.6 24.8

