

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
 Data File : BP003575.D
 Acq On : 08 Oct 2020 17:15
 Operator : CG/JU
 Sample : L4311-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B10-100720-0-10

Manual Integrations
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 10/12/2020 11:32:10 AM

Quant Time: Oct 08 18:02:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 15:55:58 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	55546	20.00	ng	0.00
21) Naphthalene-d8	10.257	136	207286	20.00	ng	# 0.00
39) Acenaphthene-d10	14.140	164	115529	20.00	ng	0.00
64) Phenanthrene-d10	16.898	188	242700	20.00	ng	0.00
76) Chrysene-d12	21.010	240	285986	20.00	ng	0.00
86) Perylene-d12	23.174	264	348633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.099	112	291288	91.57	ng	0.00
7) Phenol-d6	6.693	99	325735	76.82	ng	0.00
23) Nitrobenzene-d5	8.634	82	244014	69.16	ng	0.00
42) 2,4,6-Tribromophenol	15.645	330	145711	82.69	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	513403	64.99	ng	0.00
79) Terphenyl-d14	19.486	244	744601	54.25	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.310	128	31083	2.84	ng	99
50) Dimethylphthalate	13.610	163	65610	7.11	ng	99
52) Acenaphthene	14.204	154	32298	4.87	ng	95
55) Dibenzofuran	14.557	168	25329	2.39	ng	# 92
58) Fluorene	15.204	166	30816	3.68	ng	99
71) Phenanthrene	16.939	178	461608	34.96	ng	100
72) Anthracene	17.039	178	115899	8.91	ng	99
73) Carbazole	17.322	167	39353	3.18	ng	97
75) Fluoranthene	18.933	202	752102	45.30	ng	98
78) Pyrene	19.280	202	751394	42.13	ng	99
81) Benzo(a)anthracene	20.992	228	420953	22.77	ng	99
83) Chrysene	21.045	228	374964	21.11	ng	97
87) Indeno(1,2,3-cd)pyrene	25.368	276	363005	13.74	ng	# 91
88) Benzo(b)fluoranthene	22.533	252	604970	27.48	ng	98
89) Benzo(k)fluoranthene	22.569	252	191006m	9.05	ng	
90) Benzo(a)pyrene	23.080	252	510194	24.58	ng	96
91) Dibenzo(a,h)anthracene	25.363	278	93648m	4.29	ng	
92) Benzo(g,h,i)perylene	26.039	276	393058	18.06	ng	# 94

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

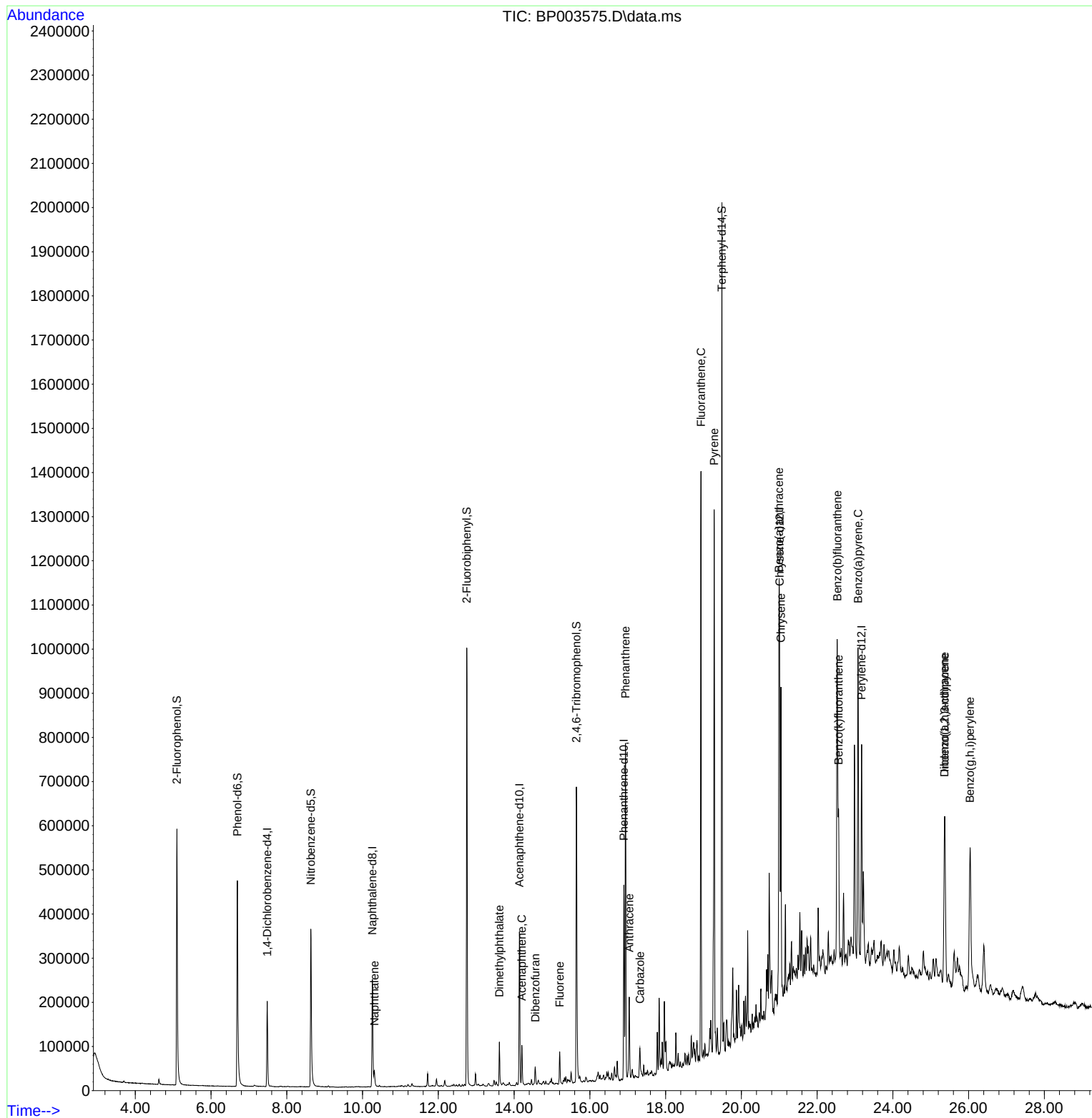
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003575.D
Acq On : 08 Oct 2020 17:15
Operator : CG/JU
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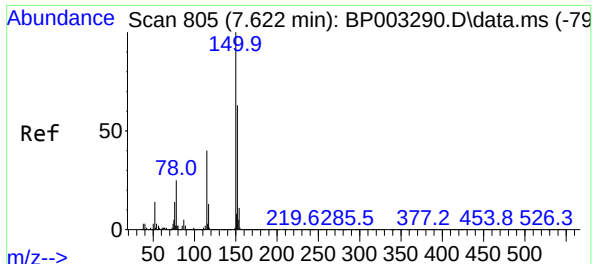
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ClientSampleId :
PAV-B10-100720-0-10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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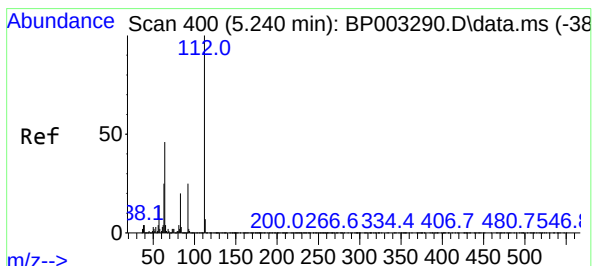
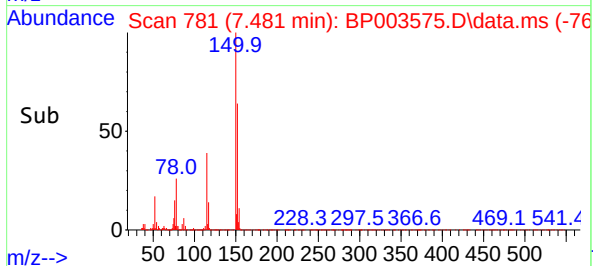
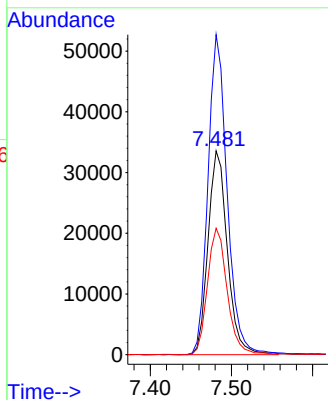
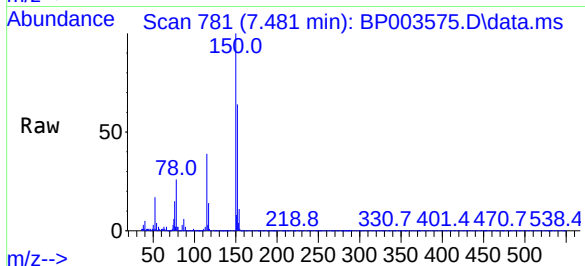
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

Tgt Ion:152 Resp: 55546
Ion Ratio Lower Upper
152 100
150 157.0 123.8 185.6
115 62.0 43.8 65.6

Instrument :
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ClientSampleId :
PAV-B10-100720-0-10

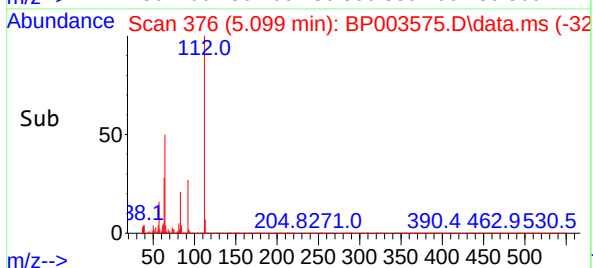
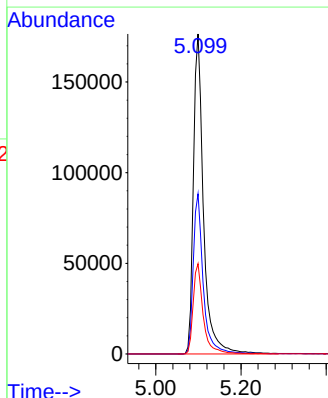
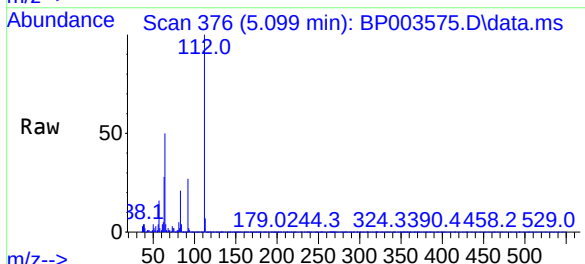
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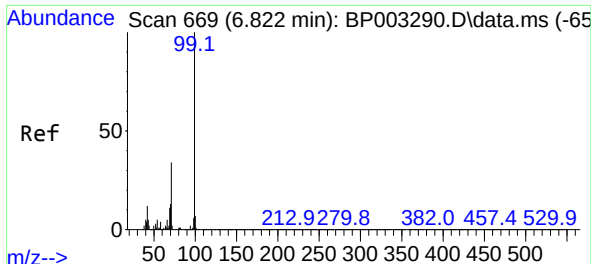
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#5
2-Fluorophenol
Concen: 91.57 ng
RT: 5.099 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

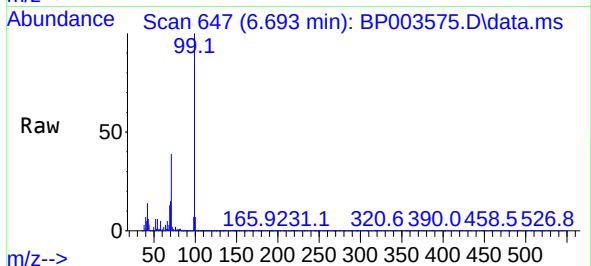
Tgt Ion:112 Resp: 291288
Ion Ratio Lower Upper
112 100
64 50.0 32.8 49.2#
63 28.2 17.0 25.4#





#7
Phenol-d6
Concen: 76.82 ng
RT: 6.693 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

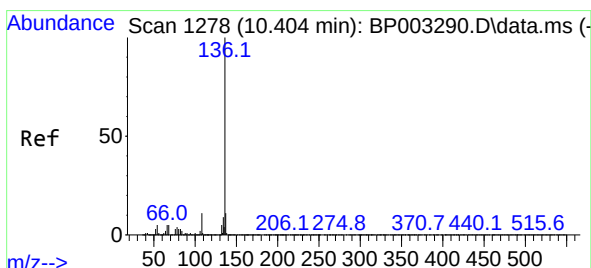
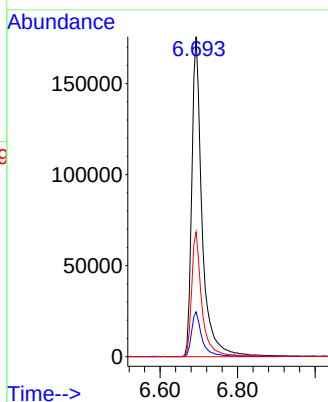
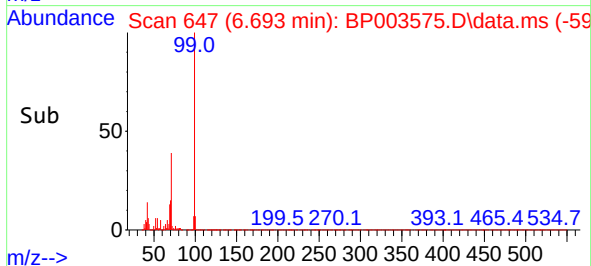
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ClientSampleId :
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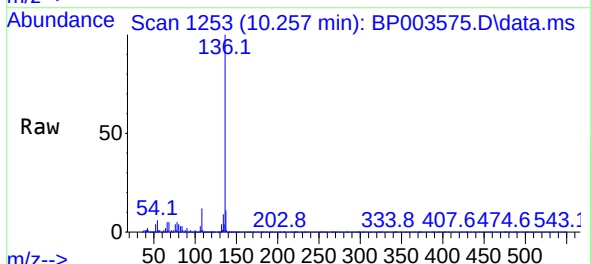
Tgt Ion: 99 Resp: 325735
Ion Ratio Lower Upper
99 100
42 14.0 8.6 13.0#
71 39.0 23.4 35.2#

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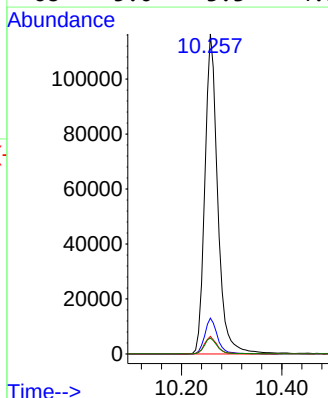
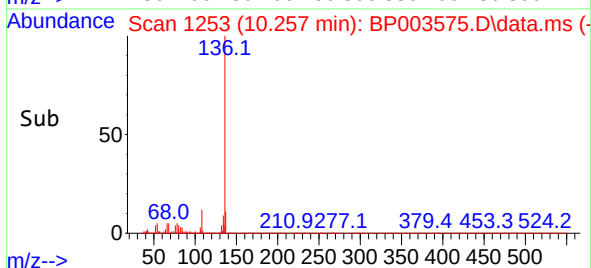
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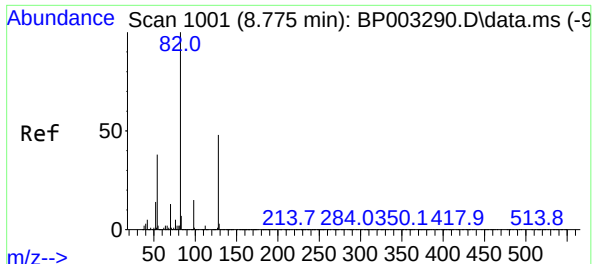


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.257 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15



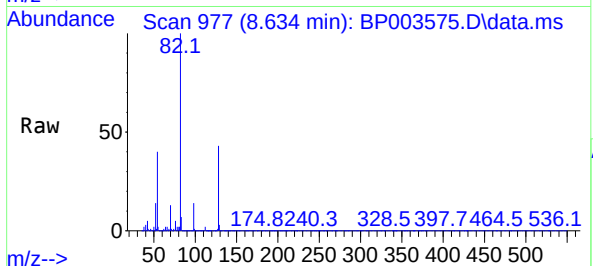
Tgt Ion: 136 Resp: 207286
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 5.5 3.6 5.4#
68 5.0 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 69.16 ng
RT: 8.634 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

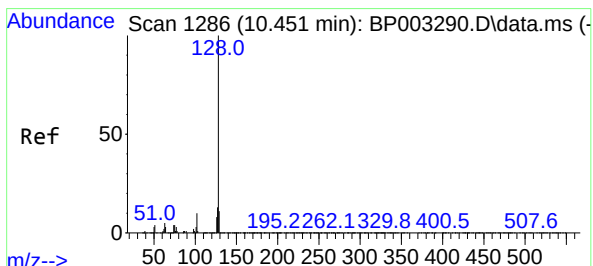
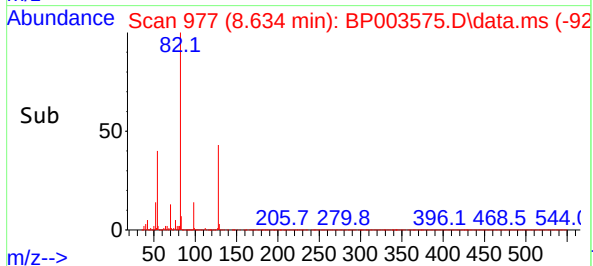
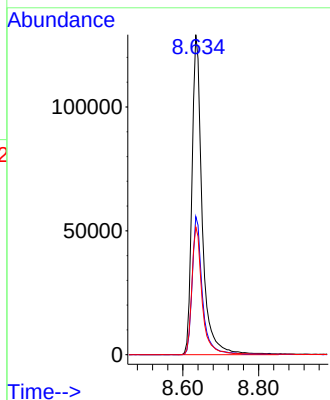
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ClientSampleId :
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Tgt Ion: 82 Resp: 244014
Ion Ratio Lower Upper
82 100
128 43.2 45.6 68.4#
54 39.9 30.1 45.1

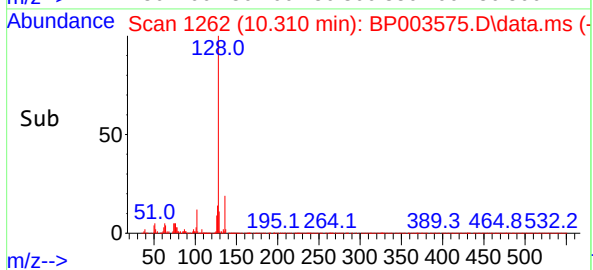
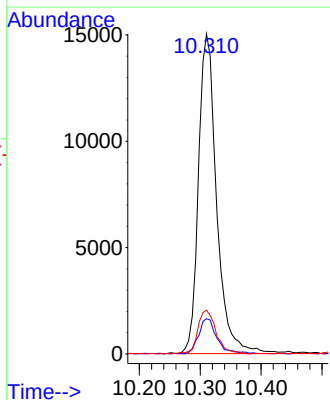
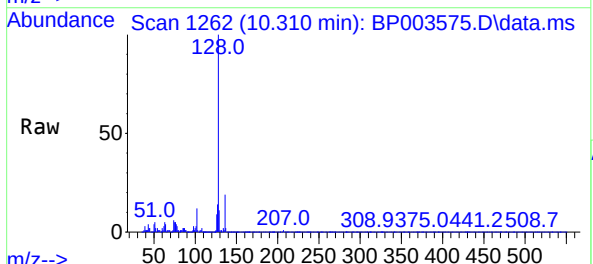
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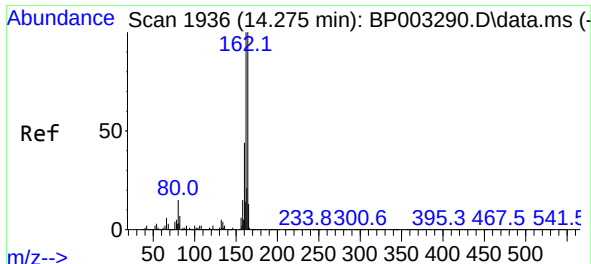
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#31
Naphthalene
Concen: 2.84 ng
RT: 10.310 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

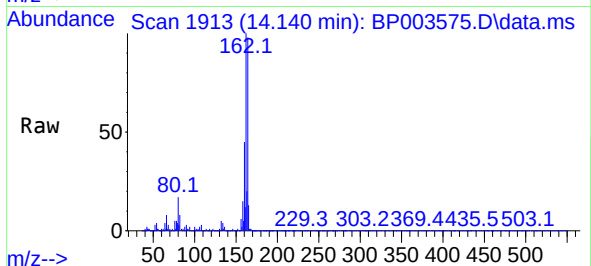
Tgt Ion: 128 Resp: 31083
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.7 10.6 15.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.140 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

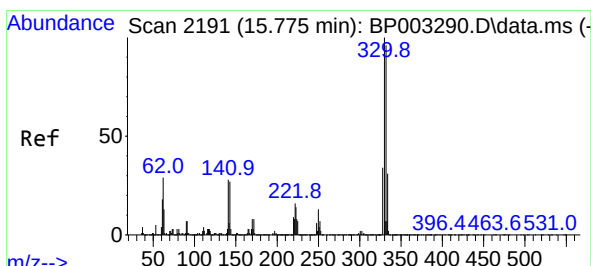
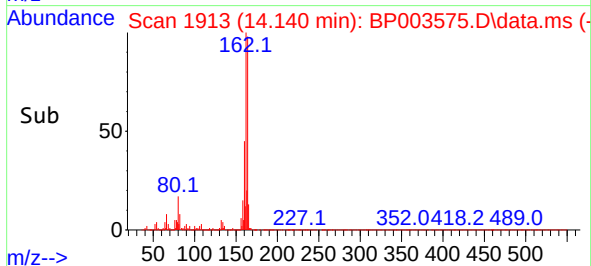
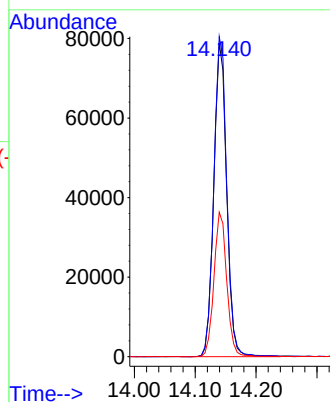
Instrument :
BNA_P
ClientSampleId :
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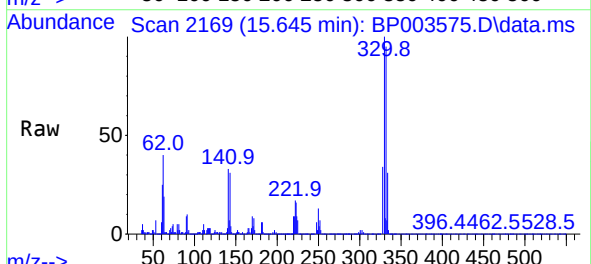
Tgt Ion:164 Resp: 115529
Ion Ratio Lower Upper
164 100
162 102.0 79.4 119.2
160 46.1 36.1 54.1

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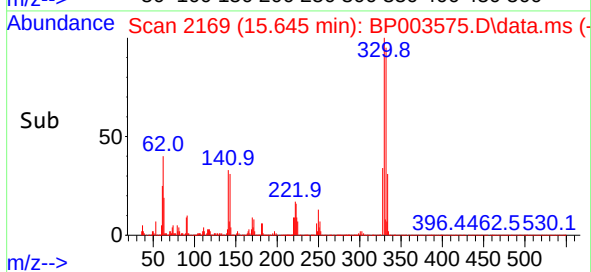
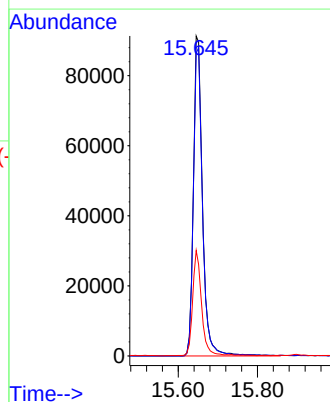
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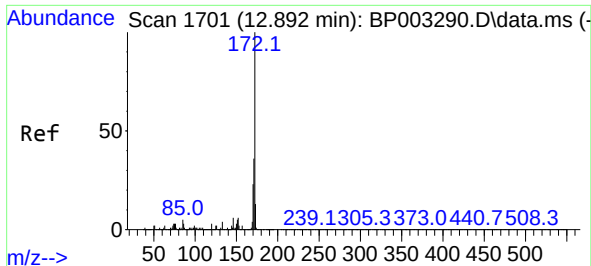


#42
2,4,6-Tribromophenol
Concen: 82.69 ng
RT: 15.645 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15



Tgt Ion:330 Resp: 145711
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 32.2 23.4 35.2





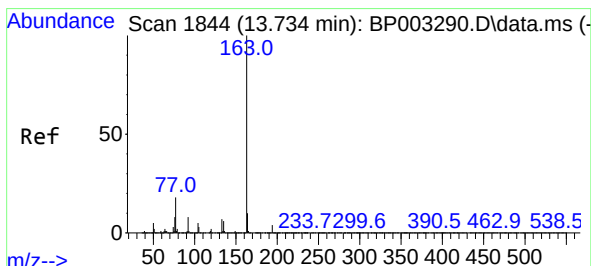
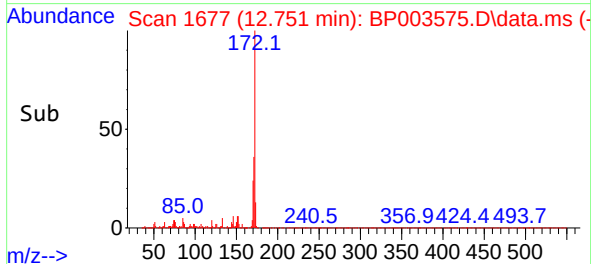
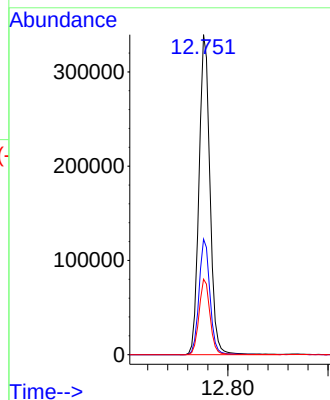
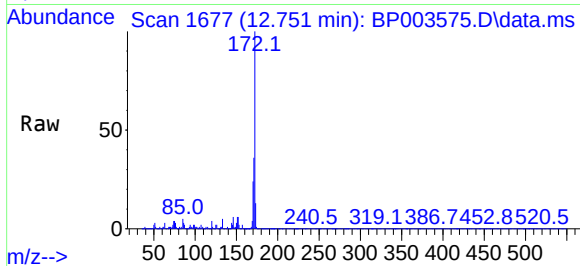
#45
2-Fluorobiphenyl
Concen: 64.99 ng
RT: 12.751 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

Tgt Ion:	172	Resp:	513403
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.5	42.7
170	23.6	19.2	28.8

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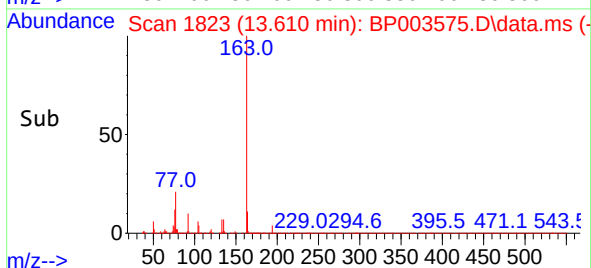
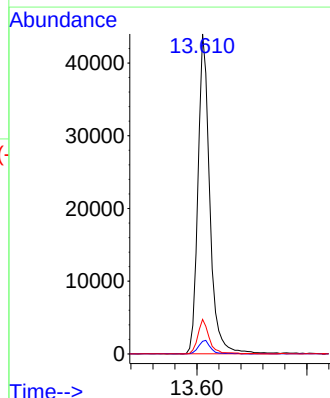
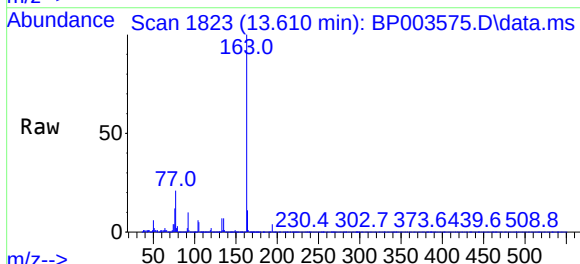
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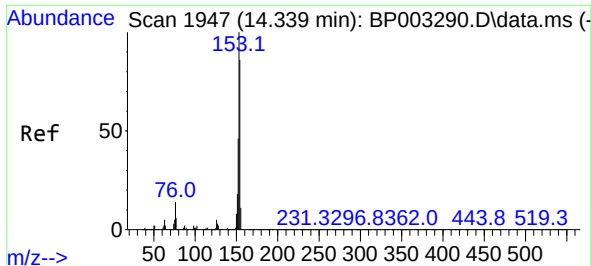
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#50
Dimethylphthalate
Concen: 7.11 ng
RT: 13.610 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

Tgt Ion:	163	Resp:	65610
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	10.8	8.2	12.2





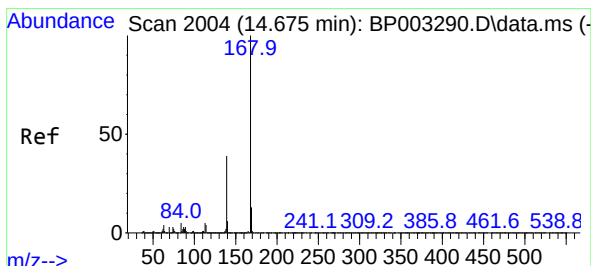
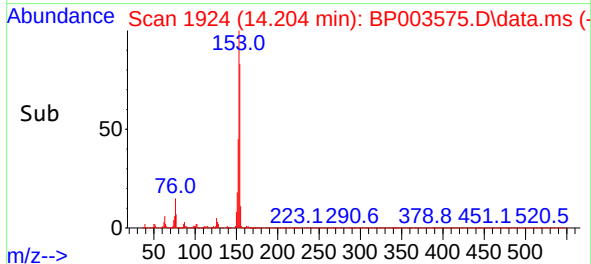
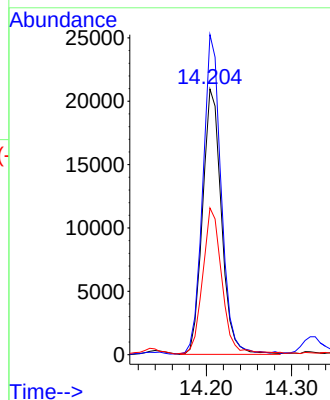
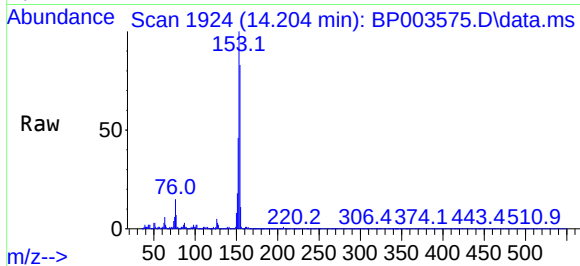
#52
Acenaphthene
Concen: 4.87 ng
RT: 14.204 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

Tgt Ion:	154	Resp:	32298
Ion	Ratio	Lower	Upper
154	100		
153	120.5	91.0	136.6
152	55.2	43.0	64.6

Instrument :
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ClientSampleId :
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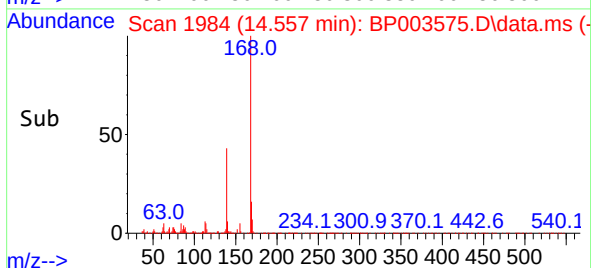
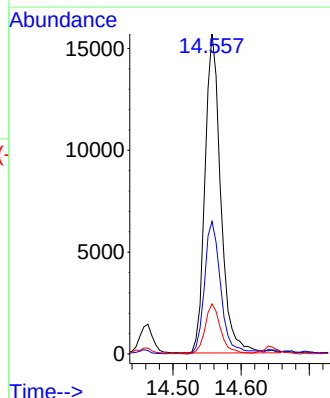
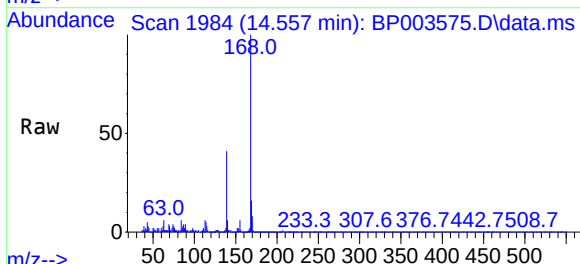
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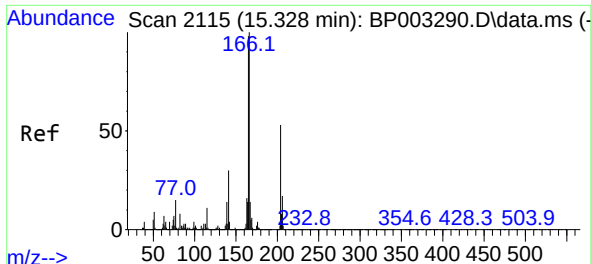
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#55
Dibenzofuran
Concen: 2.39 ng
RT: 14.557 min Scan# 1984
Delta R.T. 0.012 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

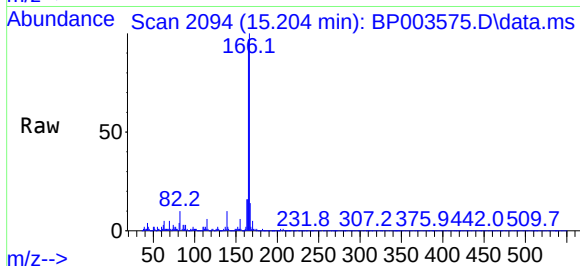
Tgt Ion:	168	Resp:	25329
Ion	Ratio	Lower	Upper
168	100		
139	41.4	29.1	43.7
169	15.6	10.4	15.6#





#58
Fluorene
Concen: 3.68 ng
RT: 15.204 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

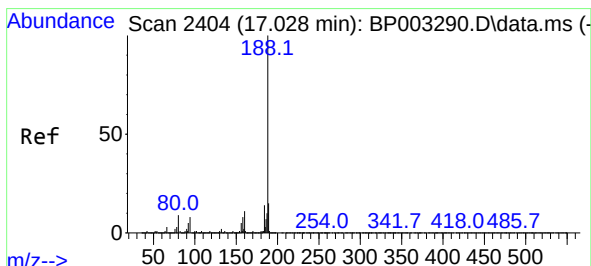
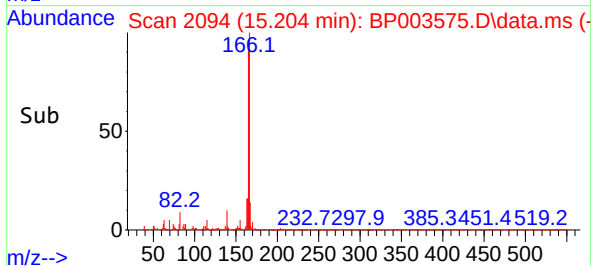
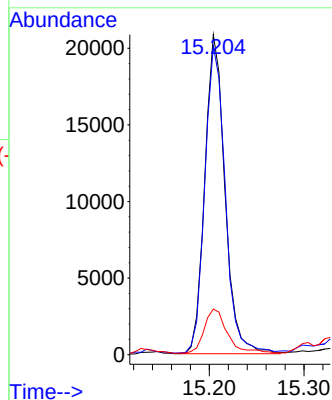
Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10



Tgt Ion:	166	Resp:	30816
Ion Ratio	Lower	Upper	
166	100		
165	96.6	77.8	116.8
167	14.3	11.0	16.4

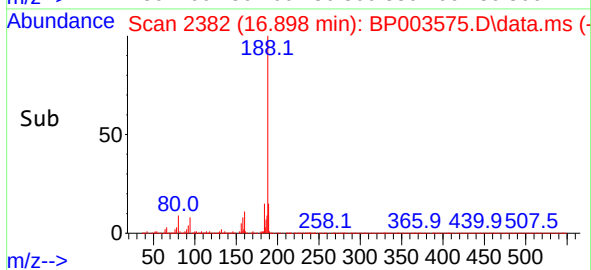
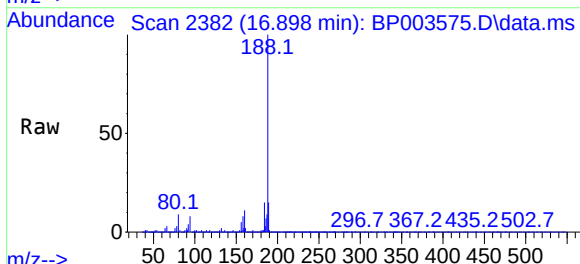
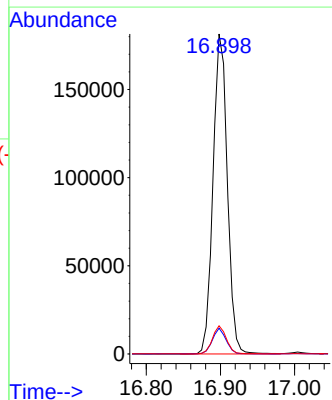
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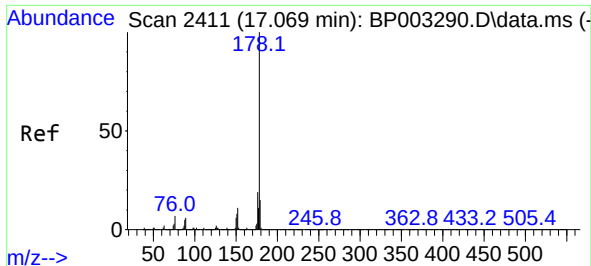
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.898 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

Tgt Ion:	188	Resp:	242700
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.2	9.2
80	8.8	6.2	9.2





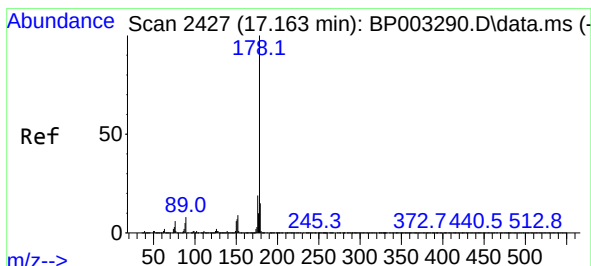
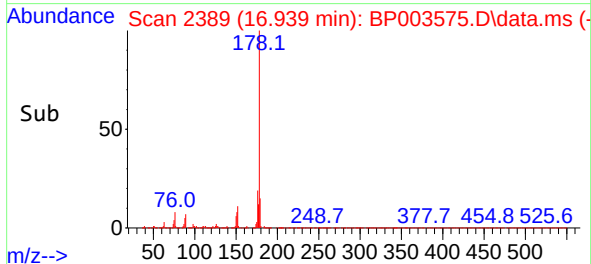
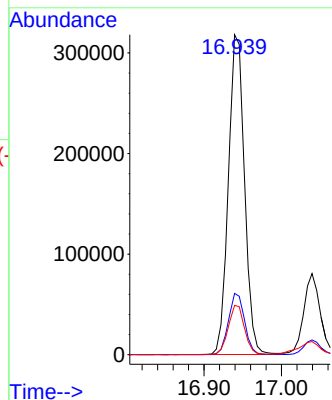
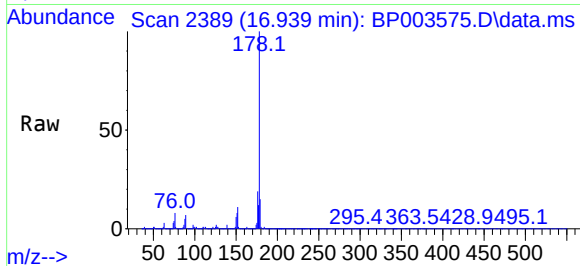
#71
Phenanthrene
Concen: 34.96 ng
RT: 16.939 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

Tgt Ion:178 Resp: 461608
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.5 18.7

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

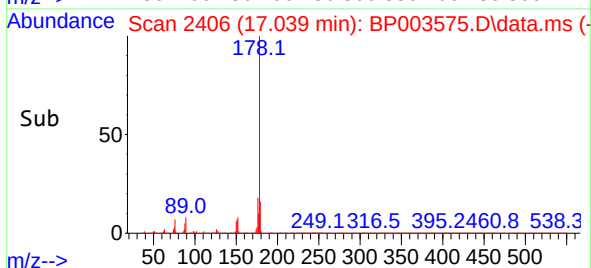
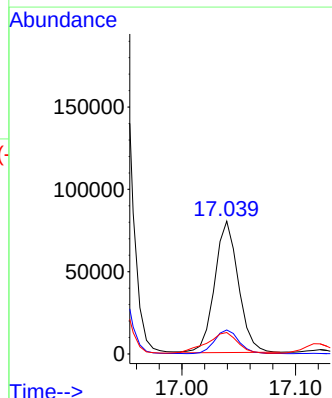
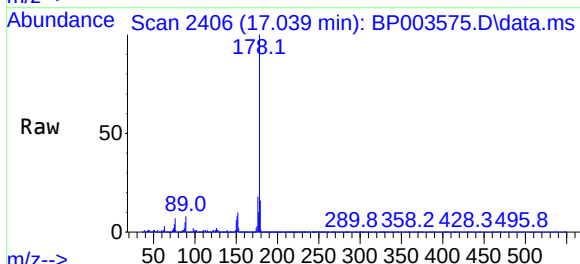
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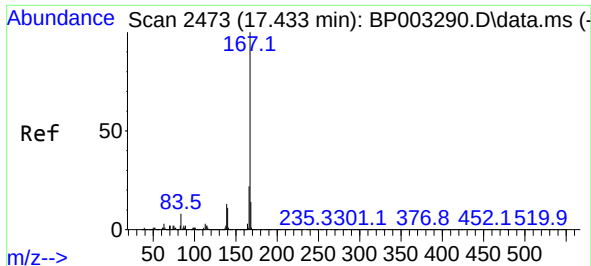
mohammad
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#72
Anthracene
Concen: 8.91 ng
RT: 17.039 min Scan# 2406
Delta R.T. 0.006 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

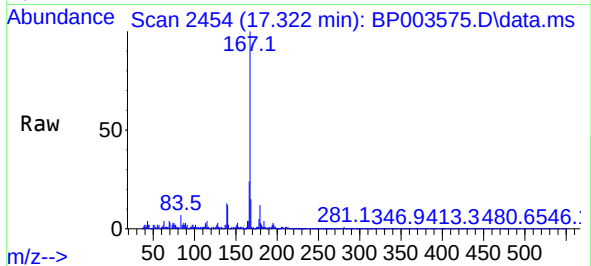
Tgt Ion:178 Resp: 115899
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.4
179 16.1 12.5 18.7





#73
 Carbazole
 Concen: 3.18 ng
 RT: 17.322 min Scan# 2454
 Delta R.T. 0.006 min
 Lab File: BP003575.D
 Acq: 08 Oct 2020 17:15

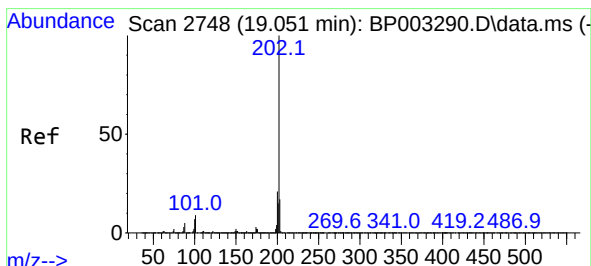
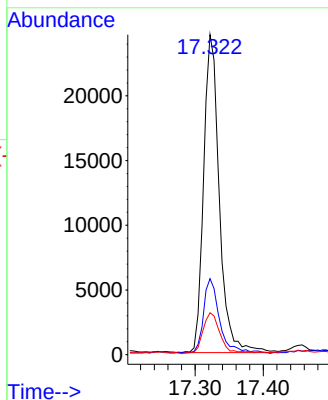
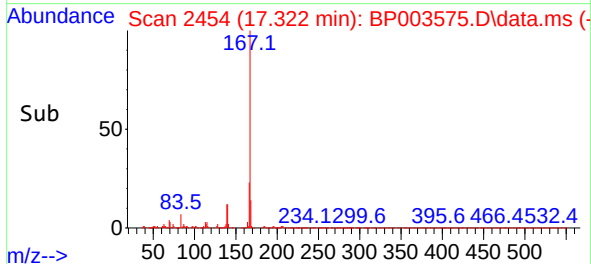
Instrument :
 BNA_P
 ClientSampleId :
 PAV-B10-100720-0-10



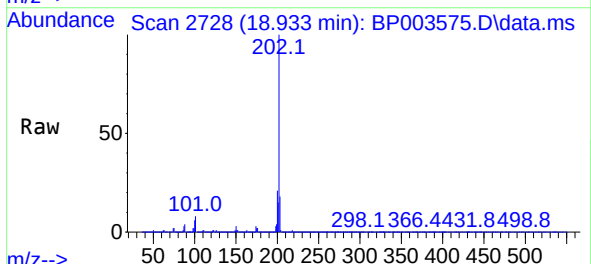
Tgt Ion:167 Resp: 39353
 Ion Ratio Lower Upper
 167 100
 166 23.8 17.6 26.4
 139 13.1 10.2 15.4

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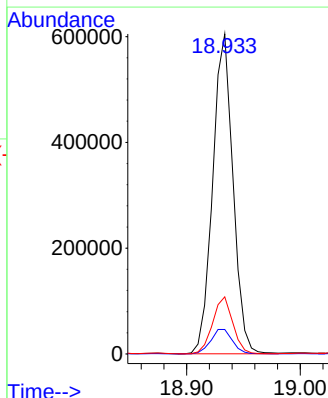
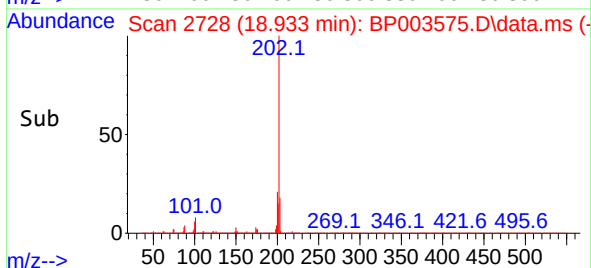
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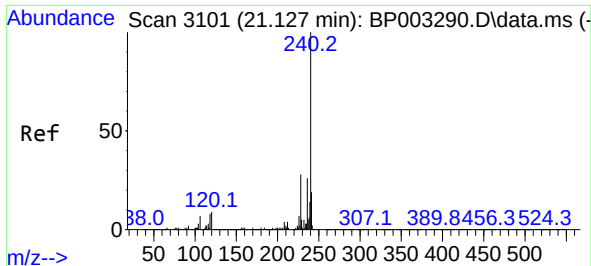


#75
 Fluoranthene
 Concen: 45.30 ng
 RT: 18.933 min Scan# 2728
 Delta R.T. 0.000 min
 Lab File: BP003575.D
 Acq: 08 Oct 2020 17:15



Tgt Ion:202 Resp: 752102
 Ion Ratio Lower Upper
 202 100
 101 7.7 0.0 29.4
 203 17.9 0.0 37.8





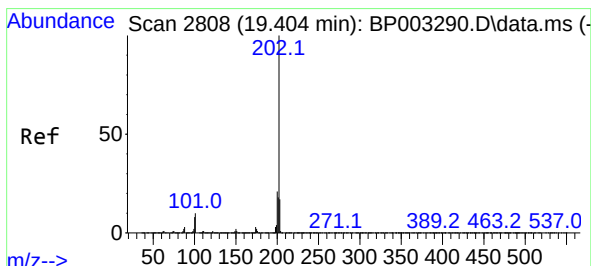
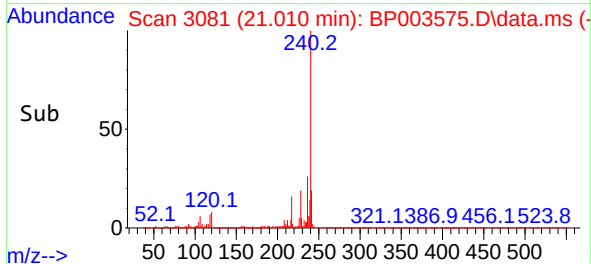
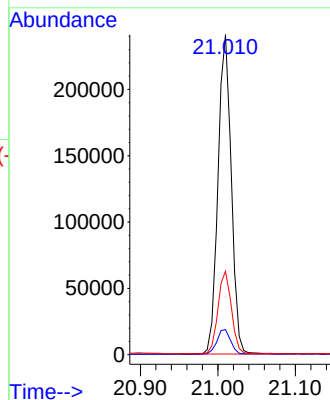
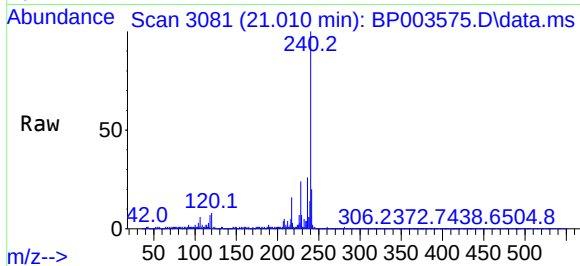
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.010 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

Tgt Ion:240 Resp: 285986
Ion Ratio Lower Upper
240 100
120 7.9 7.8 11.6
236 26.1 20.8 31.2

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

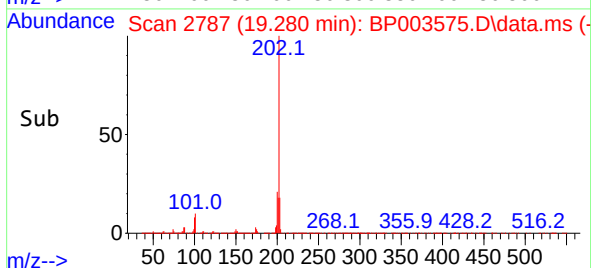
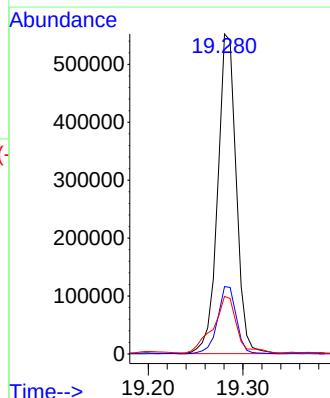
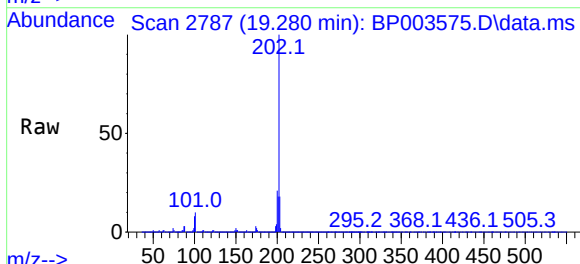
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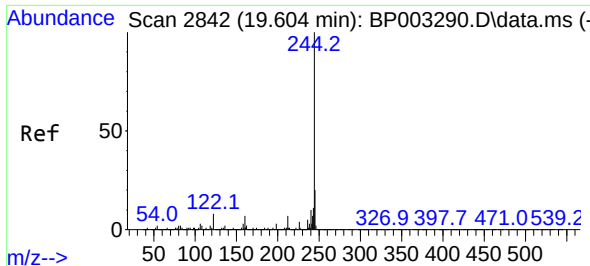
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#78
Pyrene
Concen: 42.13 ng
RT: 19.280 min Scan# 2787
Delta R.T. -0.006 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

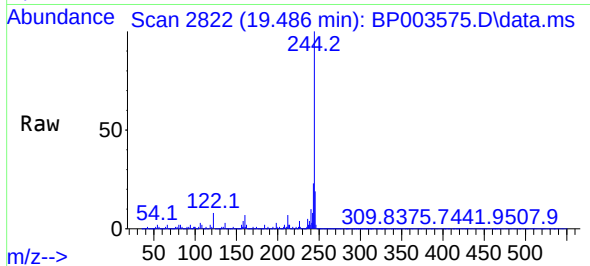
Tgt Ion:202 Resp: 751394
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 18.0 14.2 21.2





#79
Terphenyl-d14
Concen: 54.25 ng
RT: 19.486 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

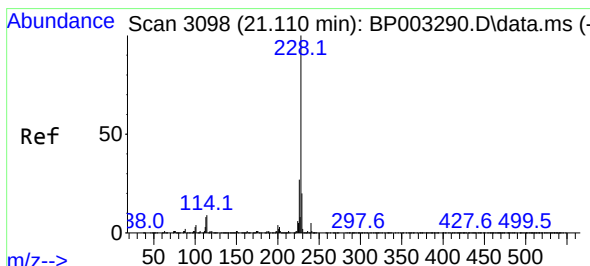
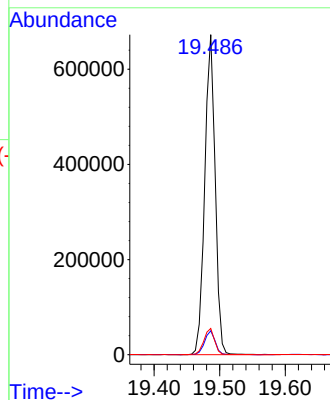
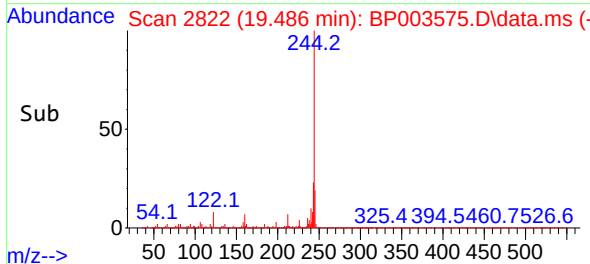
Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10



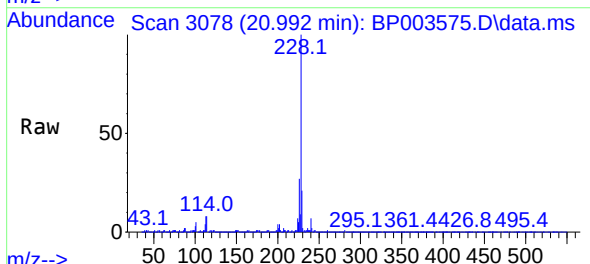
Tgt Ion:244 Resp: 744601
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 8.2 7.8 11.8

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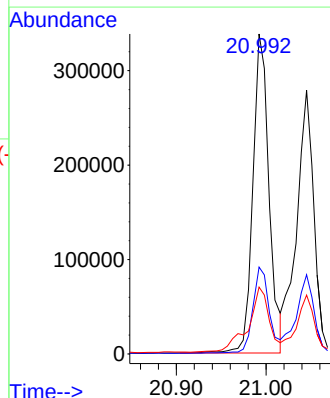
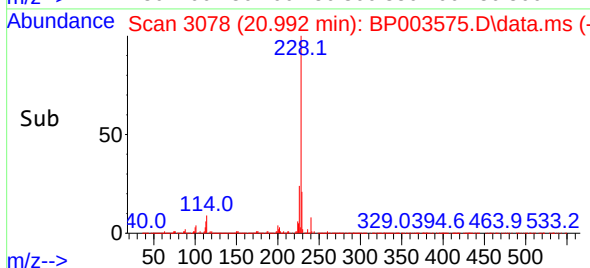
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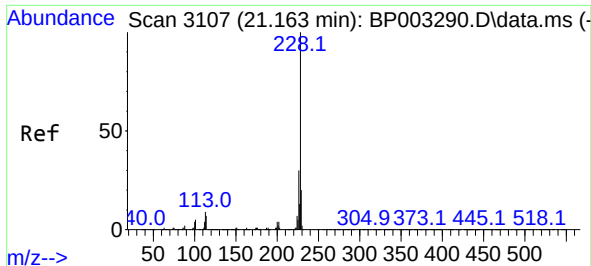


#81
Benzo(a)anthracene
Concen: 22.77 ng
RT: 20.992 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15



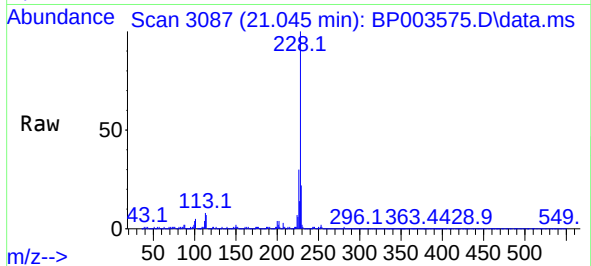
Tgt Ion:228 Resp: 420953
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 20.9 15.9 23.9





#83
Chrysene
Concen: 21.11 ng
RT: 21.045 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

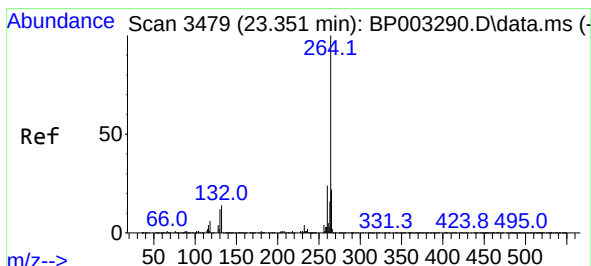
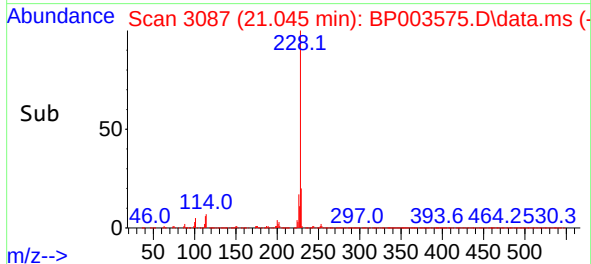
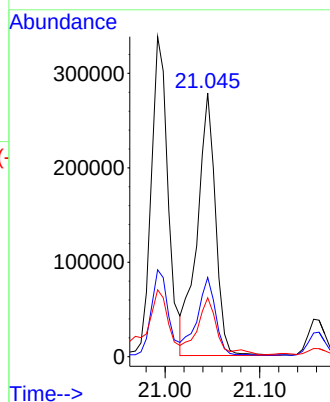
Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10



Tgt Ion:228 Resp: 374964
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 22.3 15.8 23.6

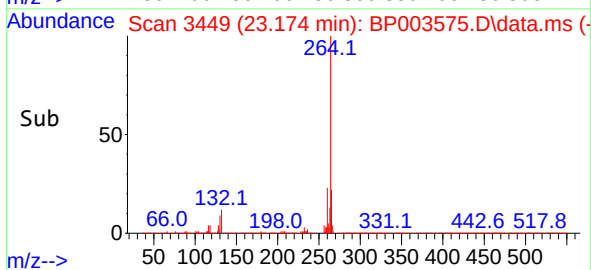
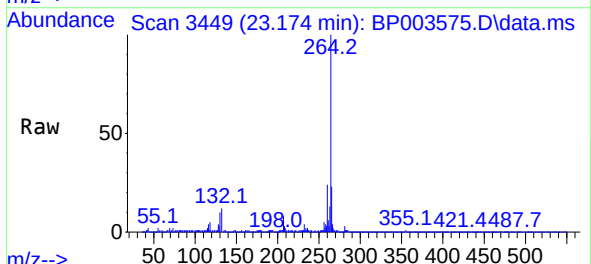
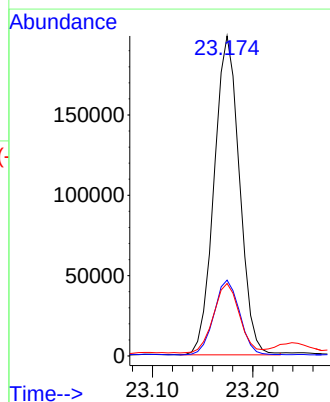
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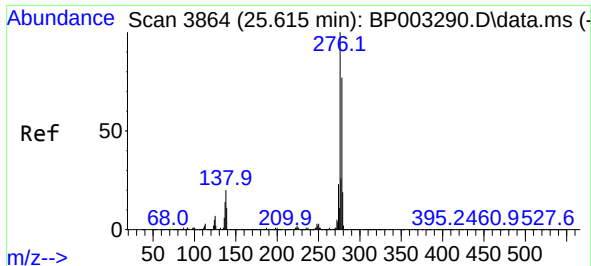
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.174 min Scan# 3449
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

Tgt Ion:264 Resp: 348633
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 22.7 17.4 26.2





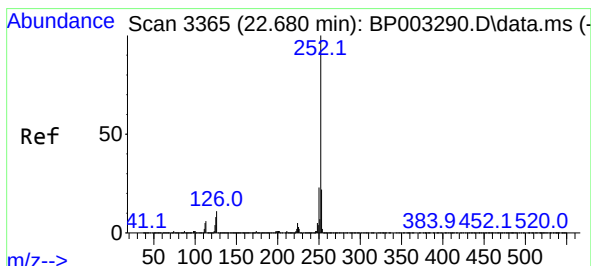
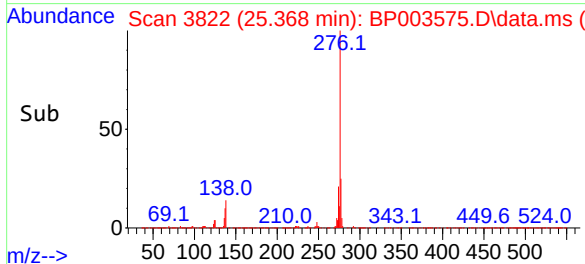
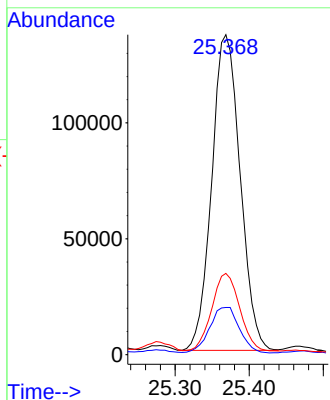
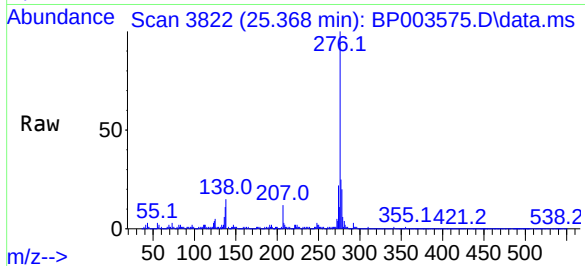
#87
Indeno(1,2,3-cd)pyrene
Concen: 13.74 ng
RT: 25.368 min Scan# 3822
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

Tgt Ion: 276 Resp: 363005
Ion Ratio Lower Upper
276 100
138 15.0 18.7 28.1#
277 24.6 20.4 30.6

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

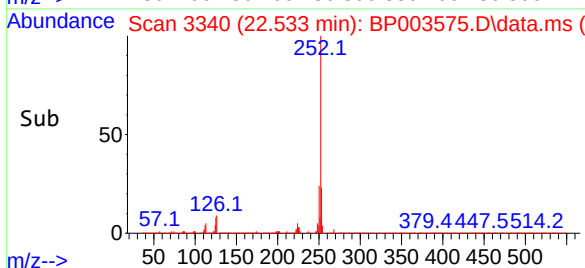
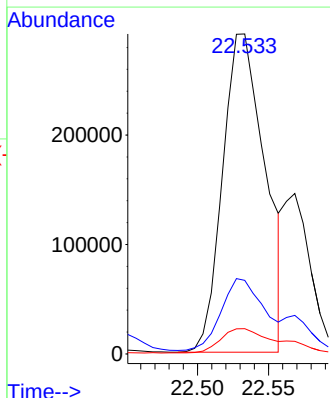
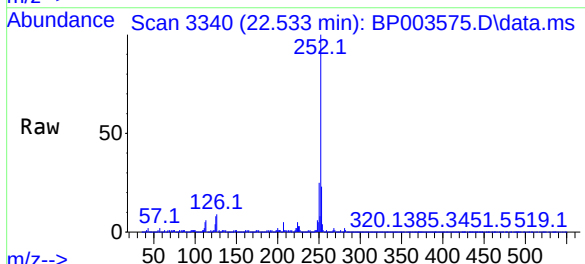
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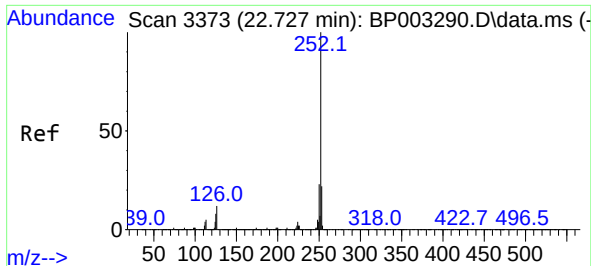
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#88
Benzo(b)fluoranthene
Concen: 27.48 ng
RT: 22.533 min Scan# 3340
Delta R.T. 0.006 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

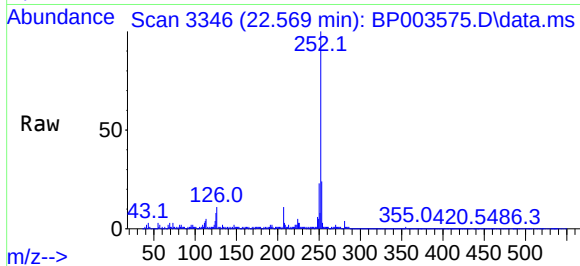
Tgt Ion: 252 Resp: 604970
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 7.9 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 9.05 ng m
RT: 22.569 min Scan# 3346
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

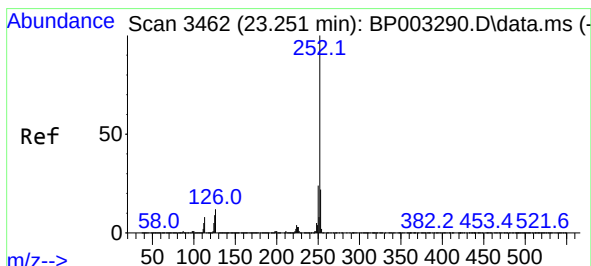
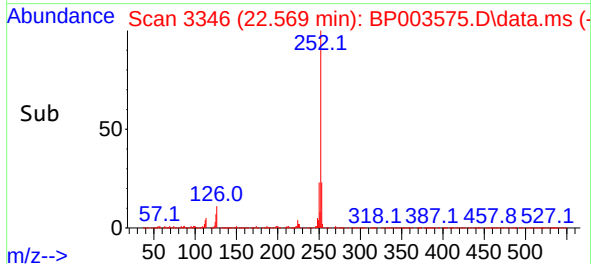
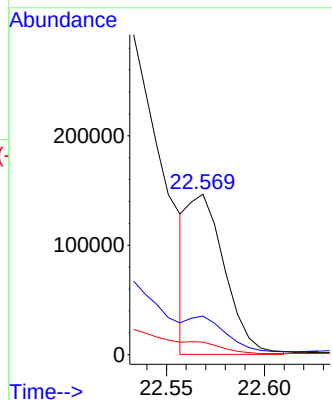
Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10



Tgt Ion:252 Resp: 191006
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 7.9 7.4 11.2

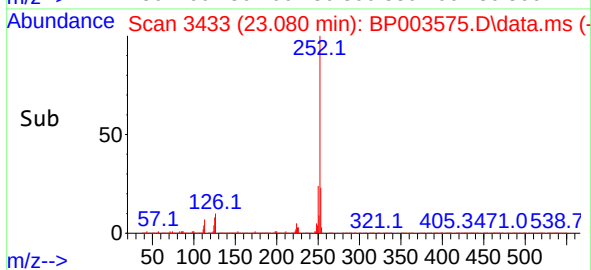
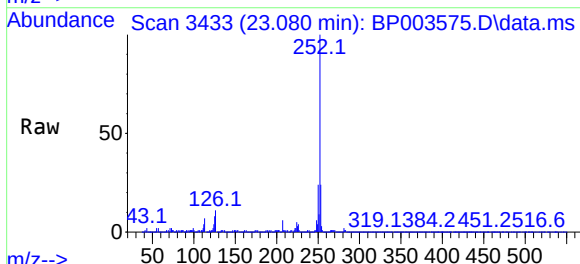
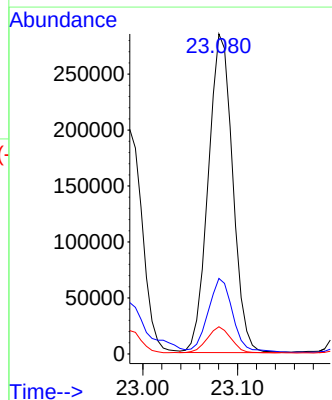
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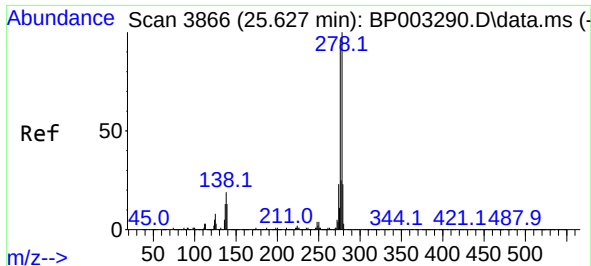
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#90
Benzo(a)pyrene
Concen: 24.58 ng
RT: 23.080 min Scan# 3433
Delta R.T. 0.000 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

Tgt Ion:252 Resp: 510194
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 8.5 8.2 12.4





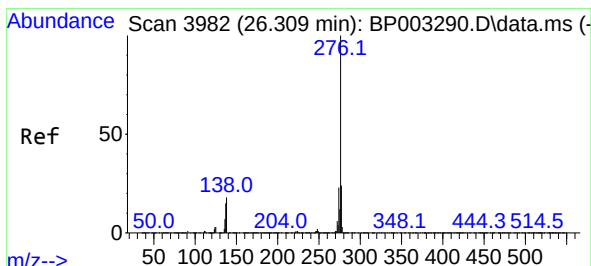
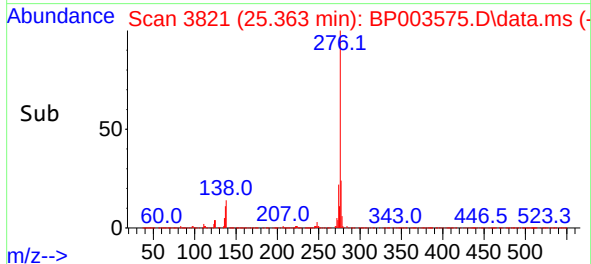
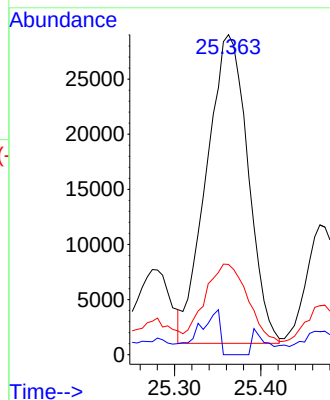
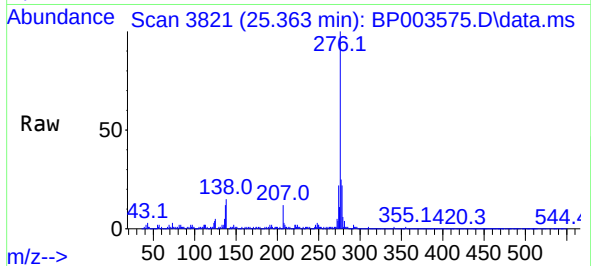
#91
Dibenzo(a,h)anthracene
Concen: 4.29 ng m
RT: 25.363 min Scan# 3821
Delta R.T. -0.006 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

Tgt Ion: 278 Resp: 93648
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6#
279 28.2 19.0 28.6

Instrument :
BNA_P
ClientSampleId :
PAV-B10-100720-0-10

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#92
Benzo(g,h,i)perylene
Concen: 18.06 ng
RT: 26.039 min Scan# 3936
Delta R.T. 0.006 min
Lab File: BP003575.D
Acq: 08 Oct 2020 17:15

Tgt Ion: 276 Resp: 393058
Ion Ratio Lower Upper
276 100
277 24.7 19.0 28.6
138 15.2 16.6 24.8#

