

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
 Data File : BP003424.D
 Acq On : 30 Sep 2020 21:11
 Operator : CG/JU
 Sample : L4179-05 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-10(4-5)

Manual Integrations
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Quant Time: Oct 01 02:17:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 30 17:14:02 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	132571	20.00	ng	0.00
21) Naphthalene-d8	10.316	136	545815	20.00	ng	# 0.00
39) Acenaphthene-d10	14.193	164	334084	20.00	ng	0.00
64) Phenanthrene-d10	16.957	188	690797	20.00	ng	# 0.01
76) Chrysene-d12	21.116	240	531494	20.00	ng	0.05
86) Perylene-d12	23.539	264	552876m	20.00	ng	0.28
System Monitoring Compounds						
5) 2-Fluorophenol	5.158	112	313340	41.27	ng	0.00
7) Phenol-d6	6.746	99	407315	40.25	ng	0.00
23) Nitrobenzene-d5	8.693	82	259064	27.88	ng	0.00
42) 2,4,6-Tribromophenol	15.704	330	153324	30.09	ng	0.01
45) 2-Fluorobiphenyl	12.810	172	610330	26.72	ng	0.00
79) Terphenyl-d14	19.551	244	746554	29.27	ng	0.02
Target Compounds						Qvalue
31) Naphthalene	10.363	128	58169	2.02	ng	100
49) Acenaphthylene	13.910	152	160800	5.10	ng	99
50) Dimethylphthalate	13.657	163	113435	4.25	ng	99
58) Fluorene	15.251	166	68614	2.84	ng	95
71) Phenanthrene	16.998	178	838168	22.30	ng	99
72) Anthracene	17.087	178	253611	6.85	ng	99
73) Carbazole	17.375	167	81340	2.31	ng	97
75) Fluoranthene	18.992	202	1236922	26.17	ng	99
78) Pyrene	19.351	202	1089573	32.87	ng	99
81) Benzo(a)anthracene	21.104	228	570542	16.61	ng	# 87
83) Chrysene	21.151	228	498296	15.10	ng	# 92
87) Indeno(1,2,3-cd)pyrene	26.186	276	437953m	10.45	ng	
88) Benzo(b)fluoranthene	22.804	252	867406	24.84	ng	# 88
89) Benzo(k)fluoranthene	22.969	252	109290m	3.27	ng	
90) Benzo(a)pyrene	23.404	252	965654m	29.33	ng	
91) Dibenzo(a,h)anthracene	26.198	278	359985m	10.41	ng	
92) Benzo(g,h,i)perylene	26.186	276	427535m	12.38	ng	

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

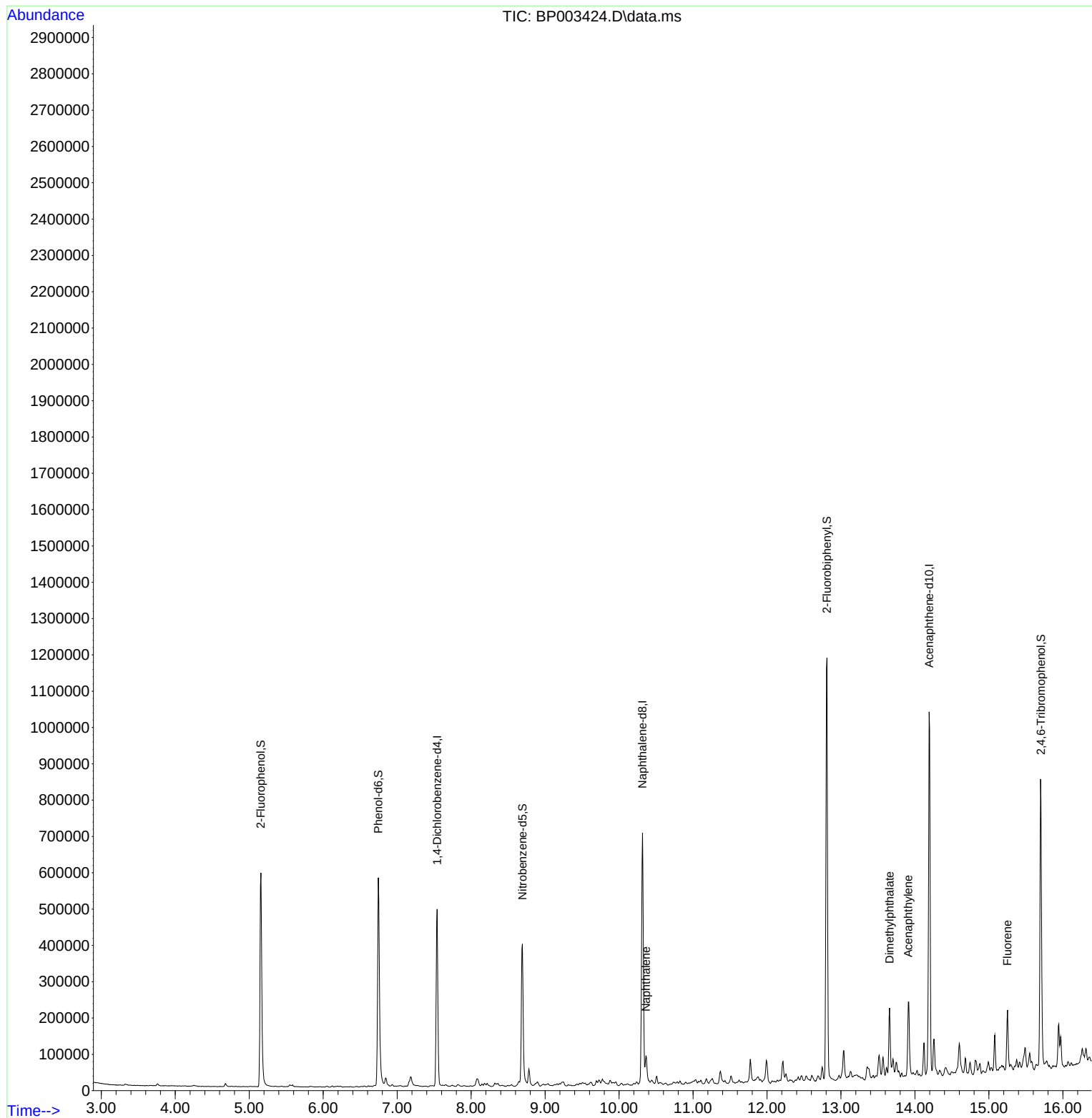
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
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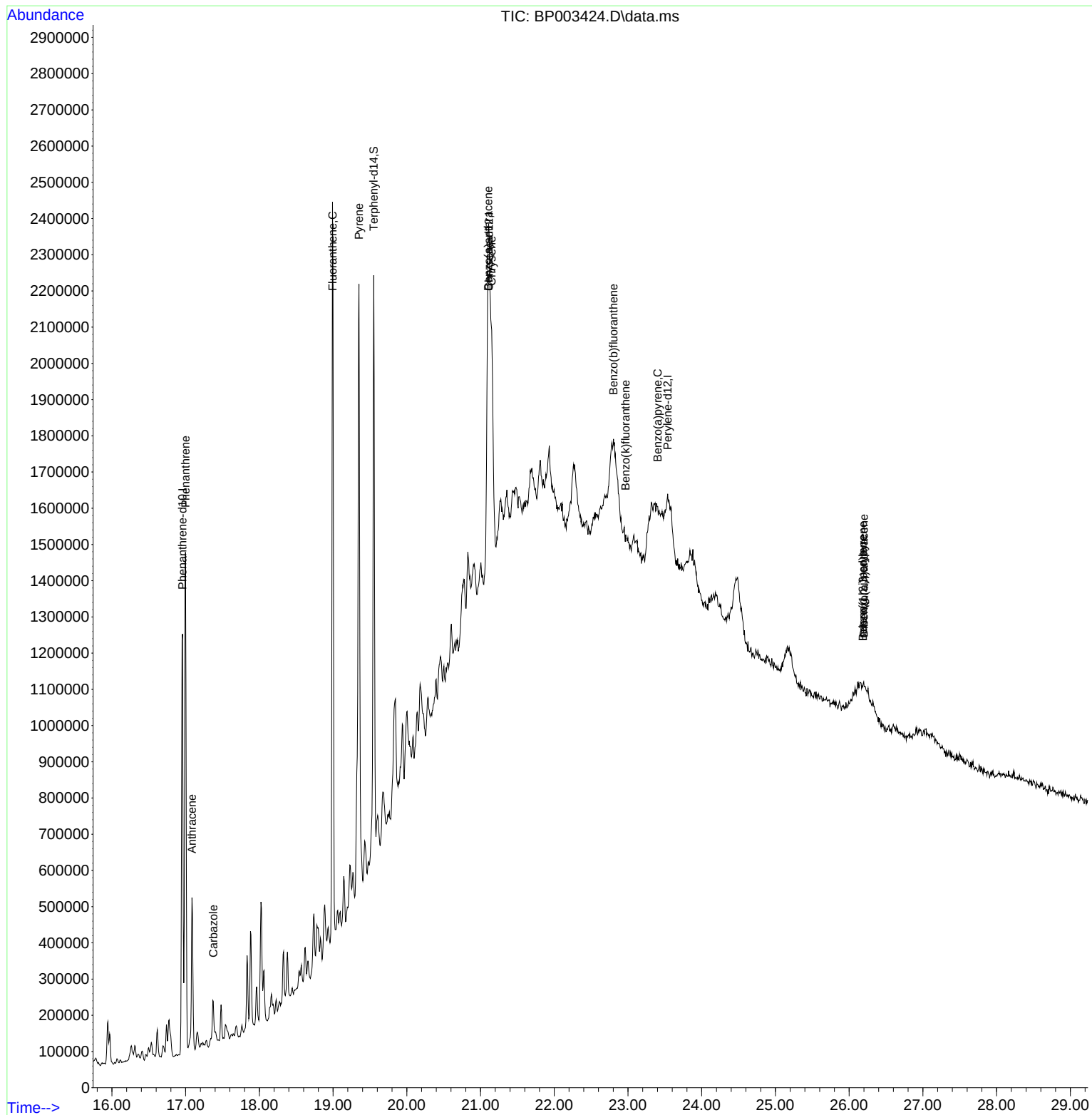
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Data File : BP003424.D
Acq On : 30 Sep 2020 21:11
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ALS Vial : 11 Sample Multiplier: 1

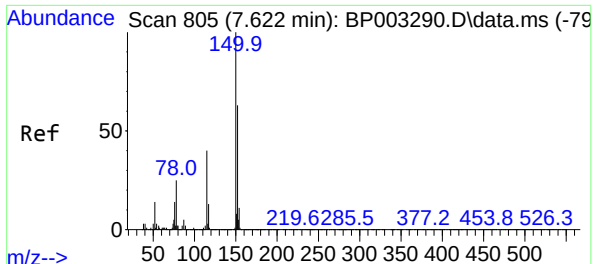
Instrument :
BNA_P
ClientSampleId :
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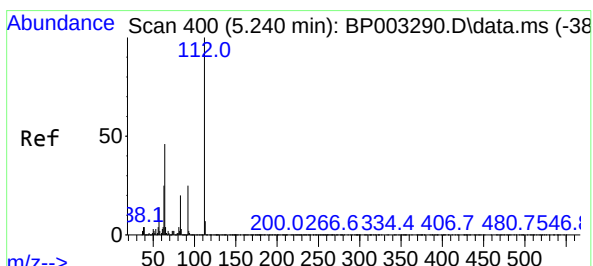
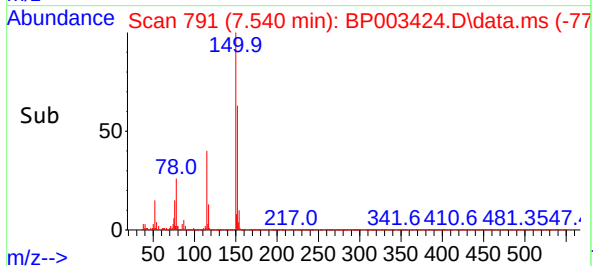
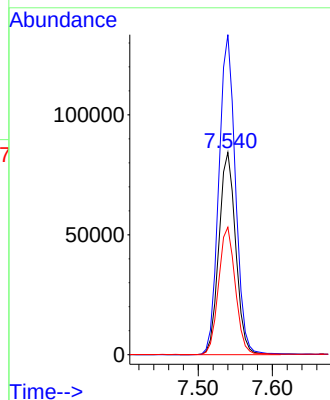
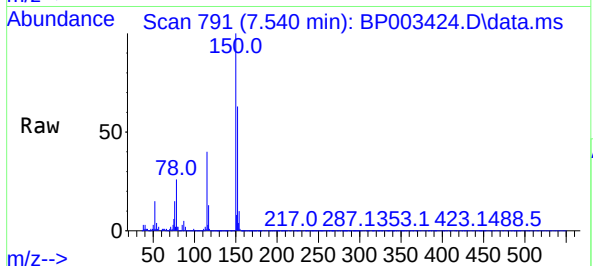
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.540 min Scan# 791
Delta R.T. 0.006 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

Tgt Ion:152 Resp: 132571
Ion Ratio Lower Upper
152 100
150 158.3 123.8 185.6
115 63.1 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
B-10(4-5)

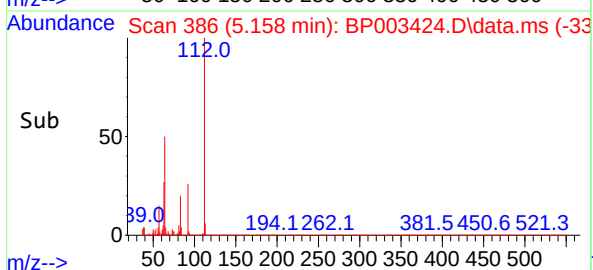
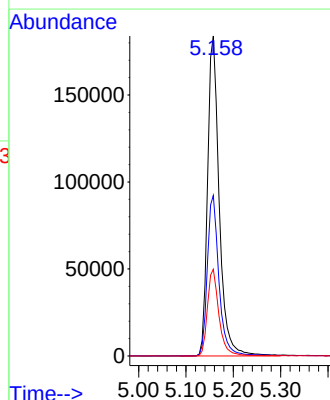
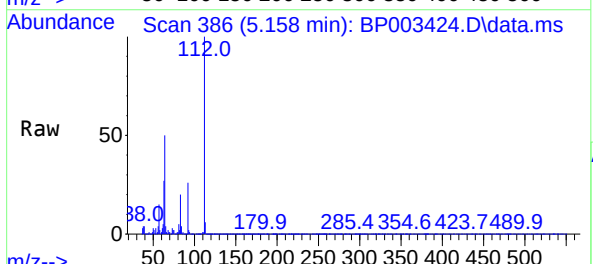
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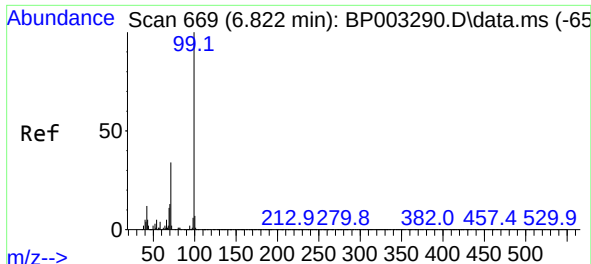
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#5
2-Fluorophenol
Concen: 41.27 ng
RT: 5.158 min Scan# 386
Delta R.T. 0.006 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

Tgt Ion:112 Resp: 313340
Ion Ratio Lower Upper
112 100
64 50.2 32.8 49.2#
63 27.1 17.0 25.4#





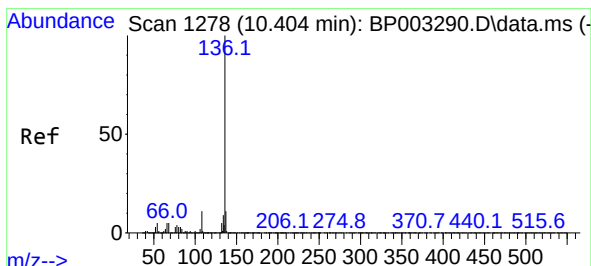
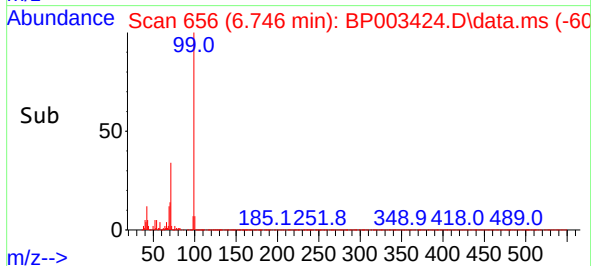
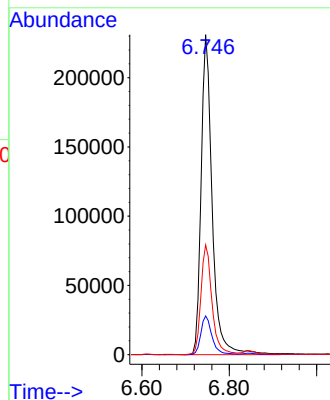
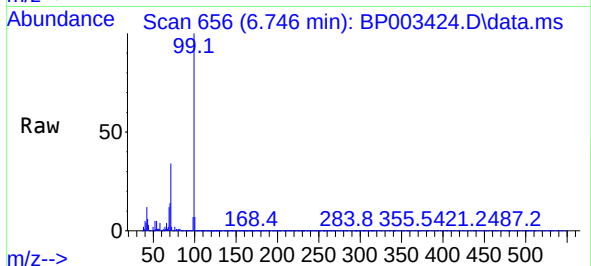
#7
Phenol-d6
Concen: 40.25 ng
RT: 6.746 min Scan# 656
Delta R.T. 0.006 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

Tgt Ion:	99	Resp:	407315
Ion	Ratio	Lower	Upper
99	100		
42	12.1	8.6	13.0
71	34.3	23.4	35.2

Instrument :
BNA_P
ClientSampleId :
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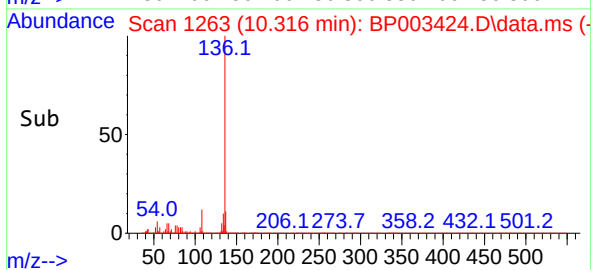
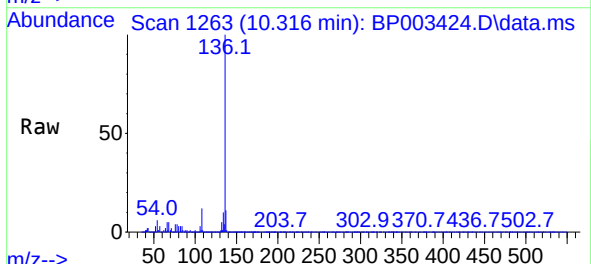
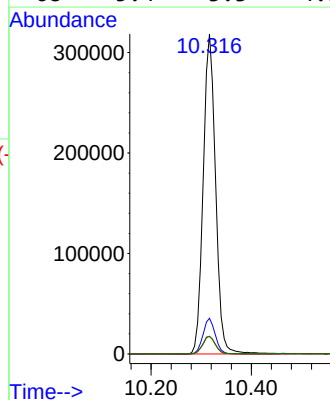
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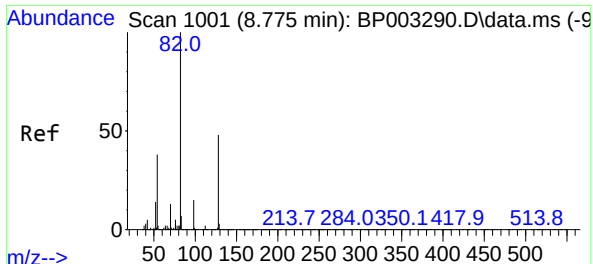
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.316 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

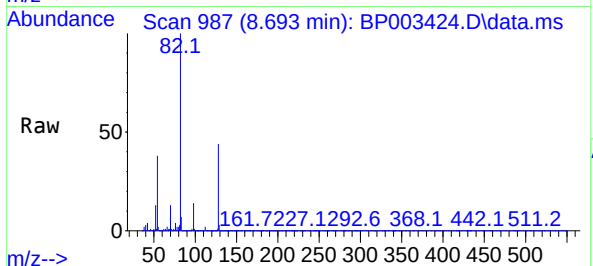
Tgt Ion:	136	Resp:	545815
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	5.6	3.6	5.4#
68	5.4	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 27.88 ng
RT: 8.693 min Scan# 987
Delta R.T. 0.006 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

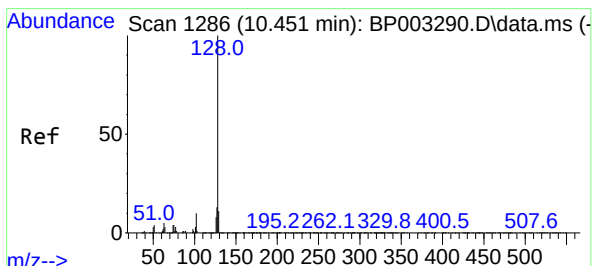
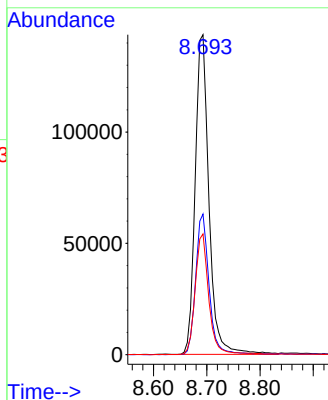
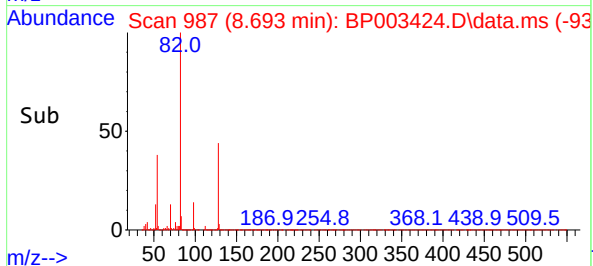
Instrument :
BNA_P
ClientSampleId :
B-10(4-5)



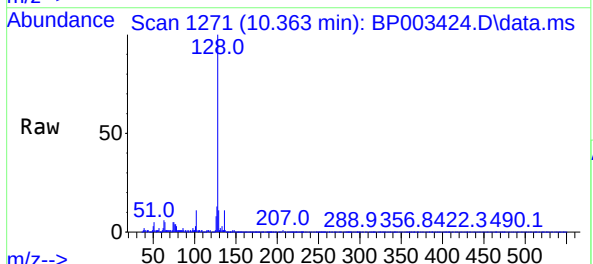
Tgt Ion: 82 Resp: 259064
Ion Ratio Lower Upper
82 100
128 44.0 45.6 68.4#
54 37.7 30.1 45.1

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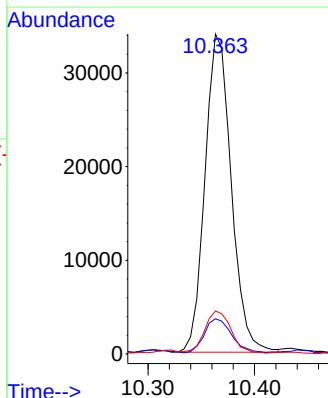
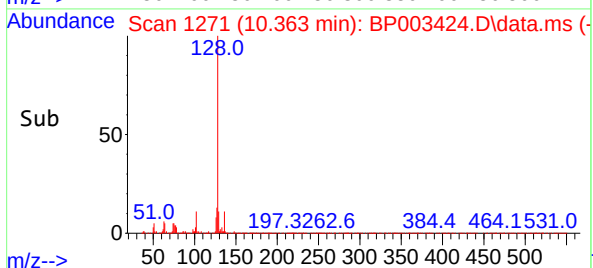
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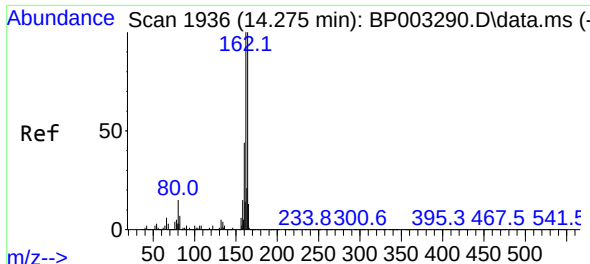


#31
Naphthalene
Concen: 2.02 ng
RT: 10.363 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11



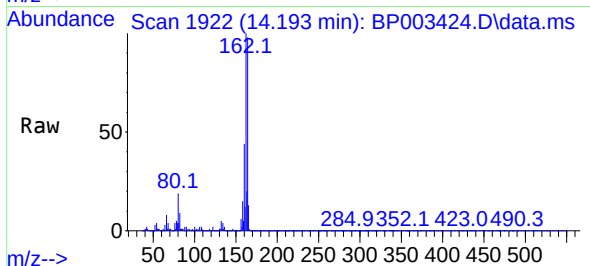
Tgt Ion: 128 Resp: 58169
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.6 15.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.193 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

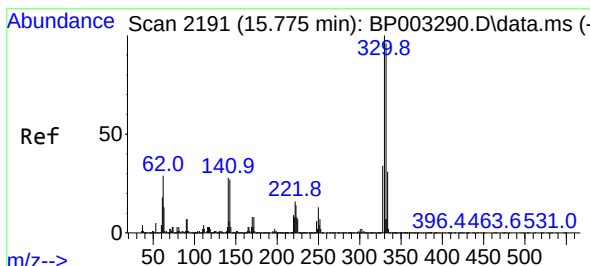
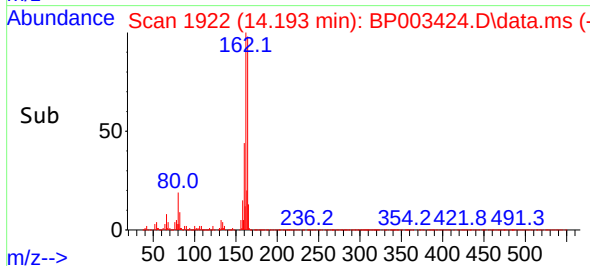
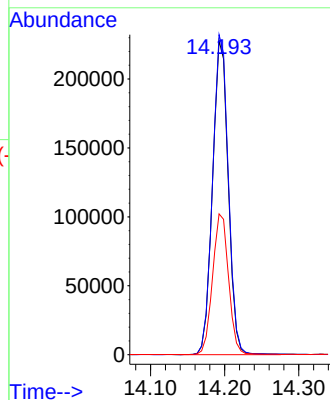
Instrument :
BNA_P
ClientSampleId :
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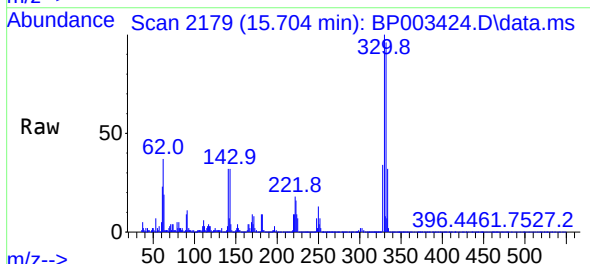
Tgt Ion:164 Resp: 334084
Ion Ratio Lower Upper
164 100
162 101.9 79.4 119.2
160 44.9 36.1 54.1

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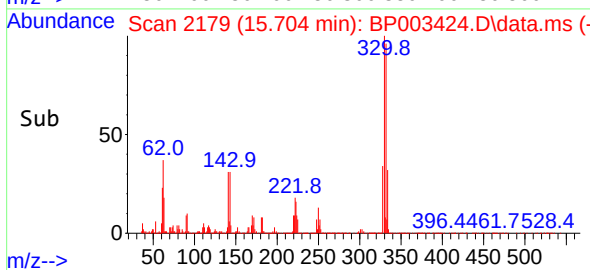
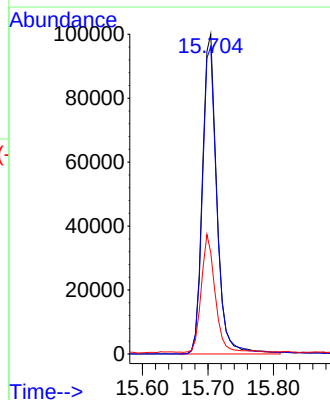
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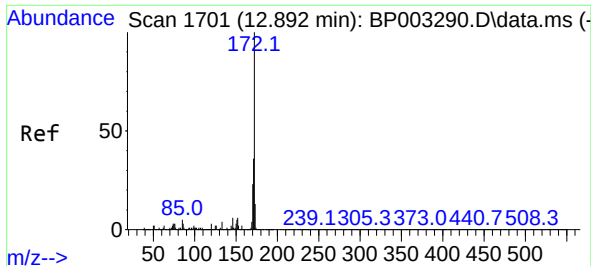


#42
2,4,6-Tribromophenol
Concen: 30.09 ng
RT: 15.704 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11



Tgt Ion:330 Resp: 153324
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 35.8 23.4 35.2#





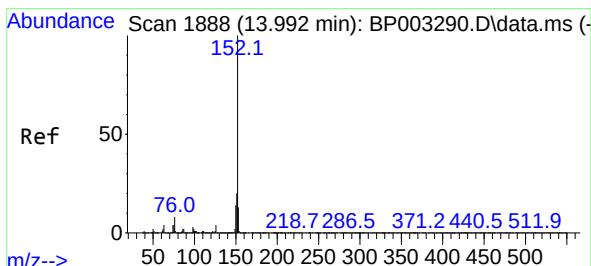
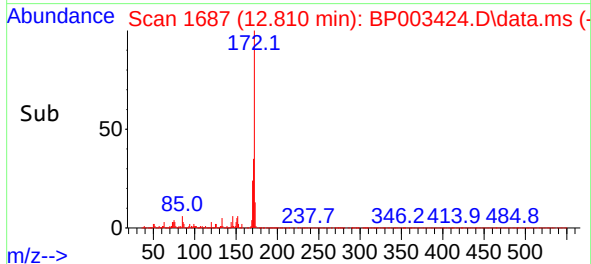
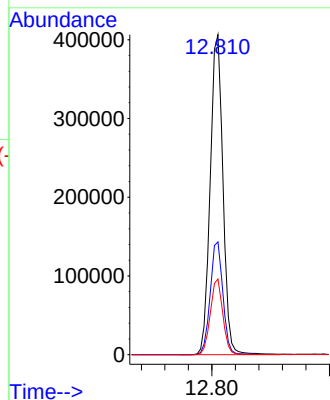
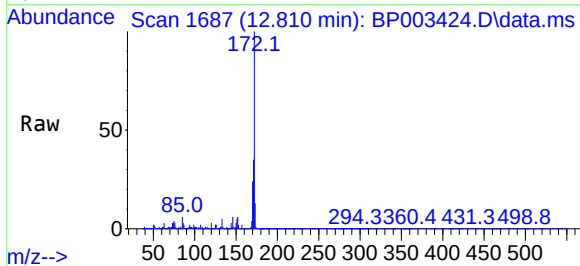
#45
2-Fluorobiphenyl
Concen: 26.72 ng
RT: 12.810 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

Tgt Ion:	172	Resp:	610330
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.5	42.7
170	23.7	19.2	28.8

Instrument :
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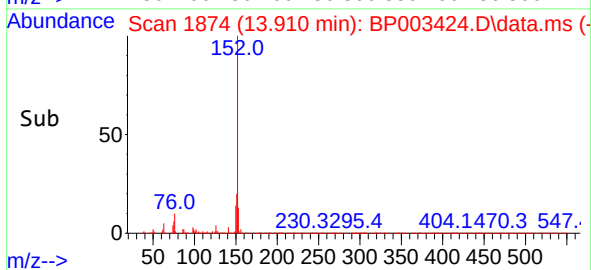
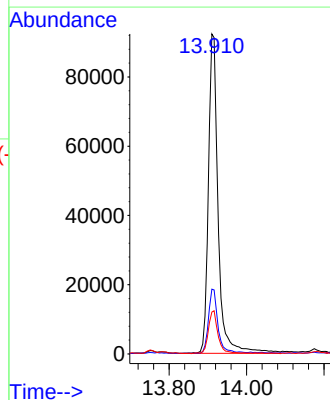
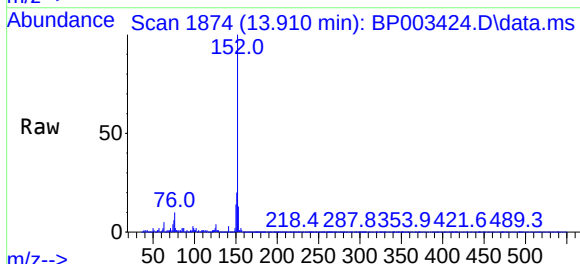
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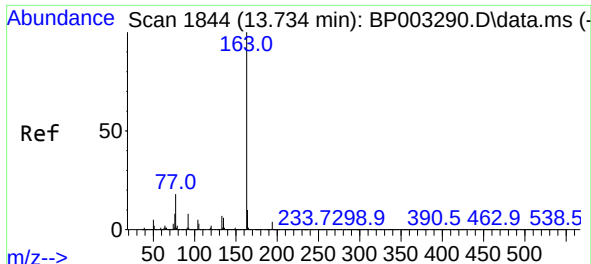
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#49
Acenaphthylene
Concen: 5.10 ng
RT: 13.910 min Scan# 1874
Delta R.T. -0.000 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

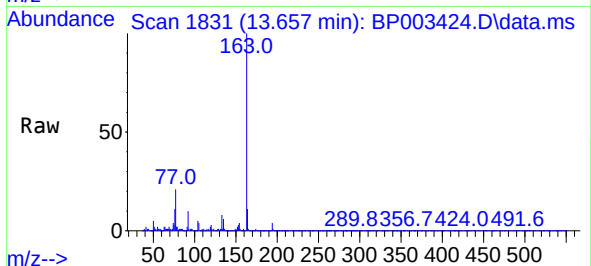
Tgt Ion:	152	Resp:	160800
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.9	23.9
153	13.1	10.5	15.7





#50
Dimethylphthalate
Concen: 4.25 ng
RT: 13.657 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

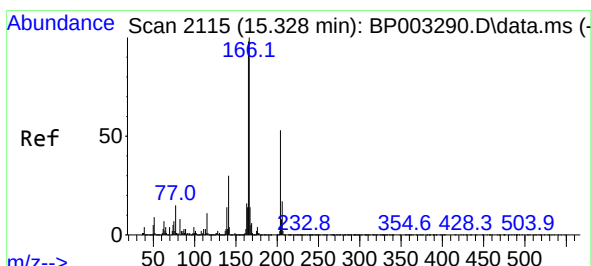
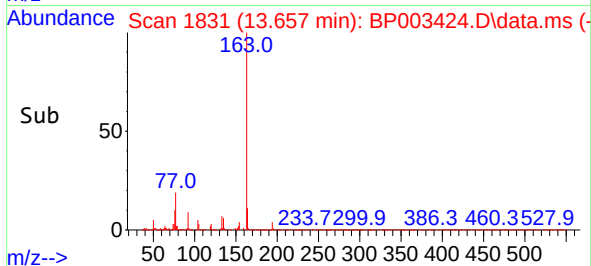
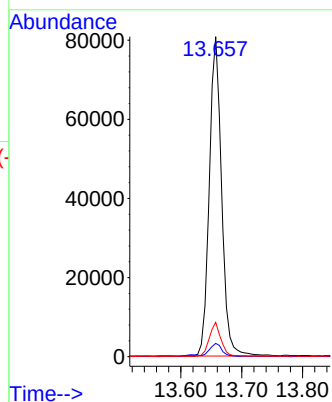
Instrument :
BNA_P
ClientSampleId :
B-10(4-5)



Tgt Ion:163 Resp: 113435
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.8 8.2 12.2

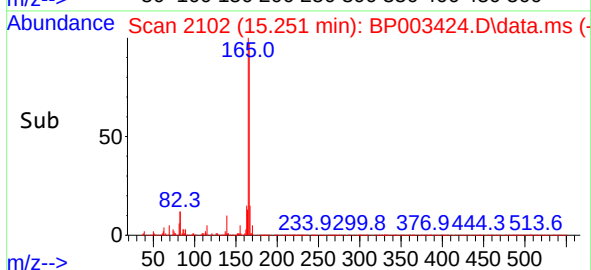
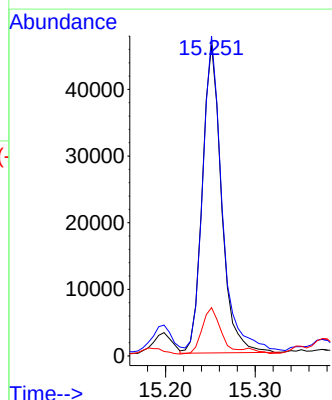
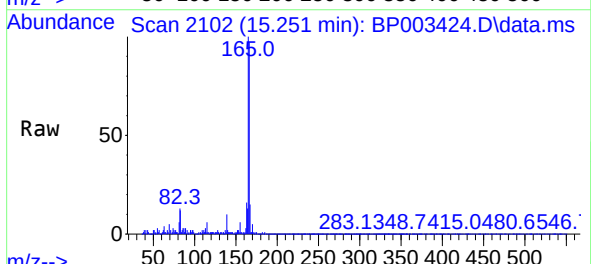
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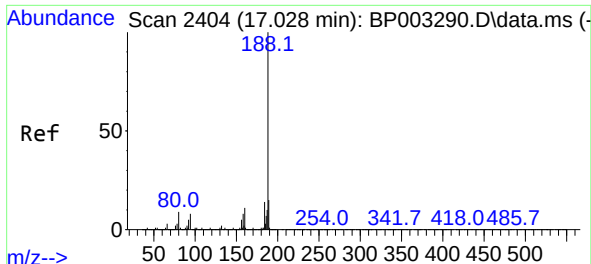
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#58
Fluorene
Concen: 2.84 ng
RT: 15.251 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

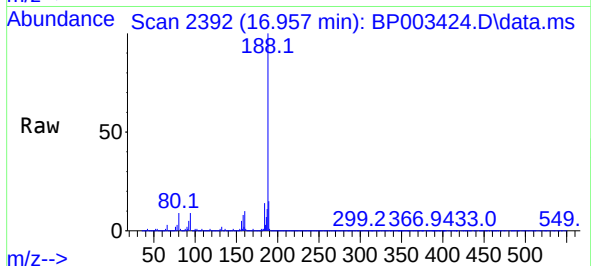
Tgt Ion:166 Resp: 68614
Ion Ratio Lower Upper
166 100
165 102.8 77.8 116.8
167 15.5 11.0 16.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.957 min Scan# 2392
Delta R.T. 0.012 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

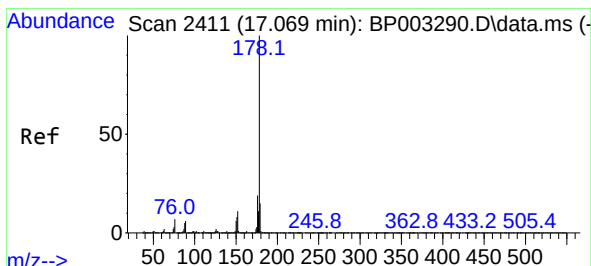
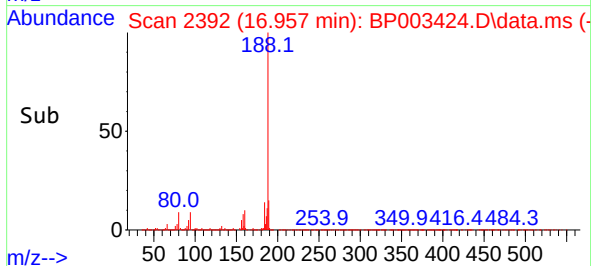
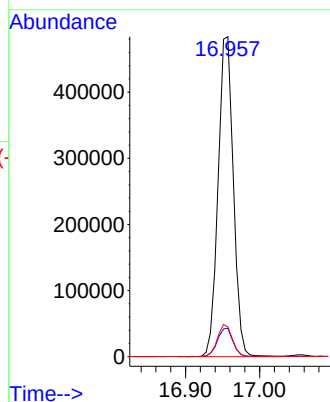
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:188 Resp: 690797
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 9.3 6.2 9.2#

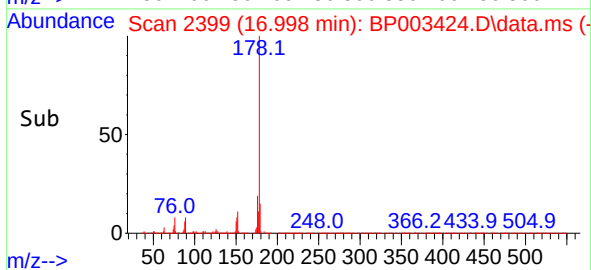
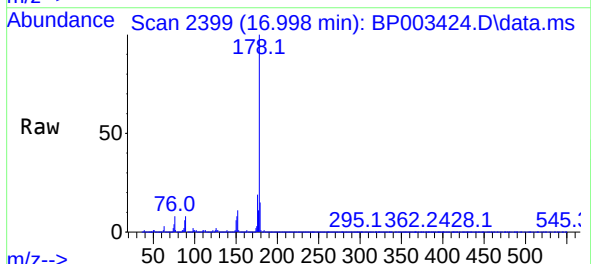
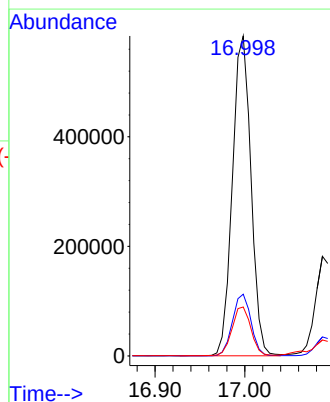
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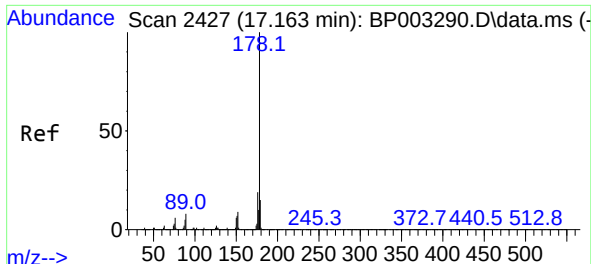
mohammad
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#71
Phenanthrene
Concen: 22.30 ng
RT: 16.998 min Scan# 2399
Delta R.T. 0.006 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

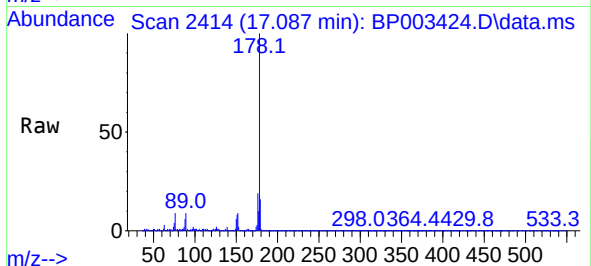
Tgt Ion:178 Resp: 838168
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.3 12.5 18.7





#72
 Anthracene
 Concen: 6.85 ng
 RT: 17.087 min Scan# 2414
 Delta R.T. 0.006 min
 Lab File: BP003424.D
 Acq: 30 Sep 2020 21:11

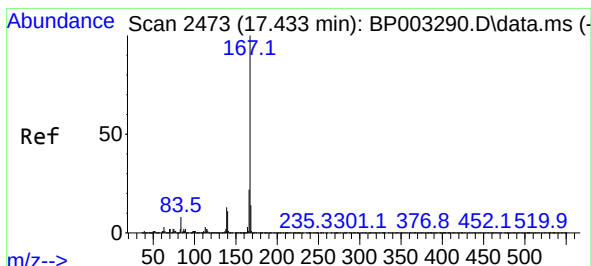
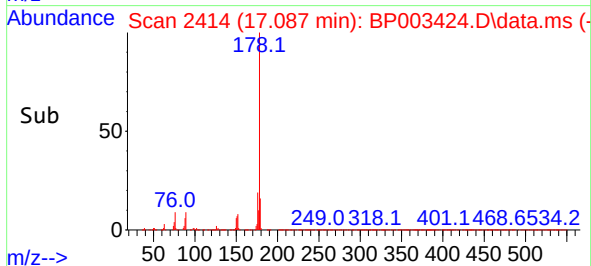
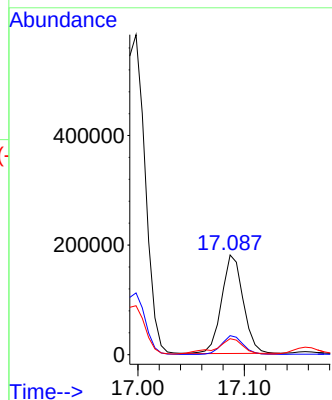
Instrument :
 BNA_P
 ClientSampleId :
 B-10(4-5)



Tgt Ion:178 Resp: 253611
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.0 22.4
 179 16.0 12.5 18.7

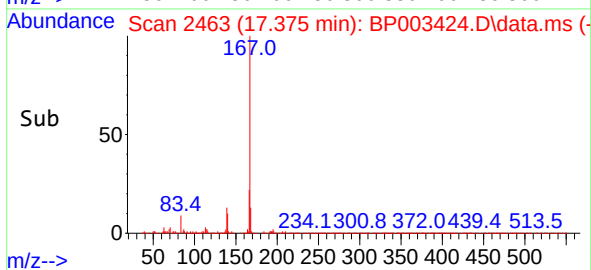
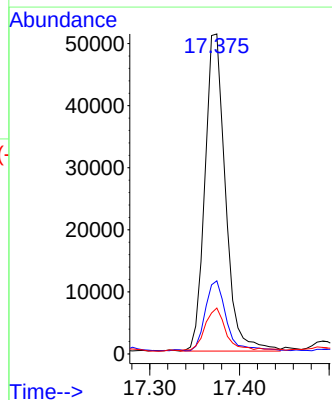
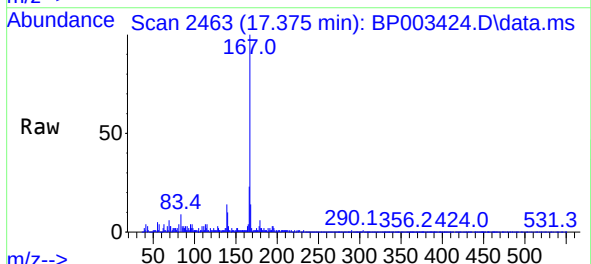
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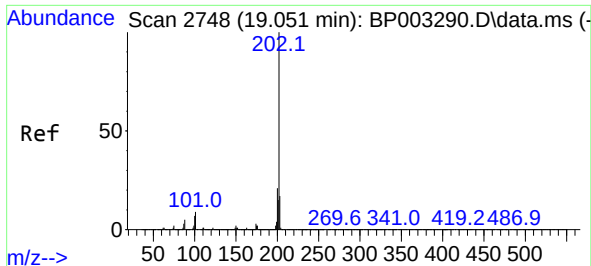
mohammad
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#73
 Carbazole
 Concen: 2.31 ng
 RT: 17.375 min Scan# 2463
 Delta R.T. 0.012 min
 Lab File: BP003424.D
 Acq: 30 Sep 2020 21:11

Tgt Ion:167 Resp: 81340
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 14.4 10.2 15.4



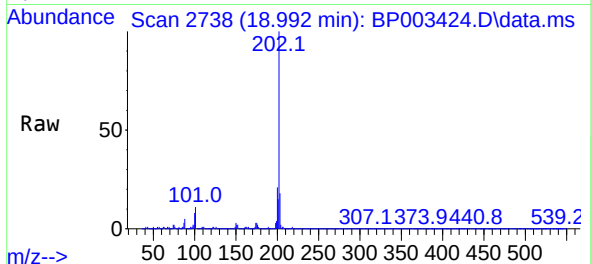


#75
Fluoranthene
Concen: 26.17 ng
RT: 18.992 min Scan# 2738
Delta R.T. 0.012 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

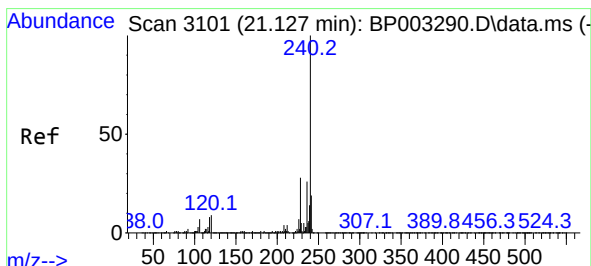
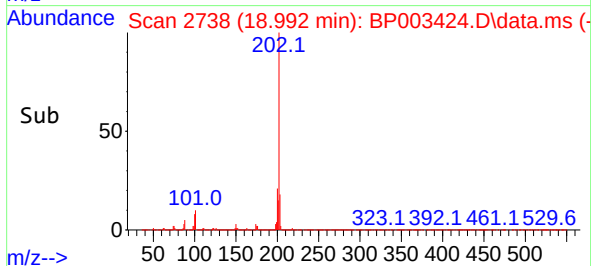
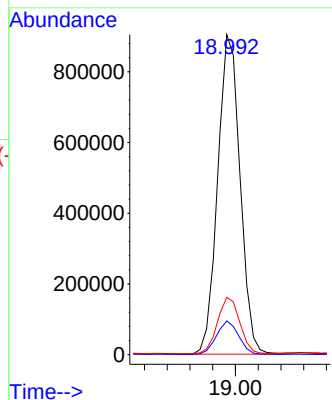
Instrument :
BNA_P
ClientSampleId :
B-10(4-5)

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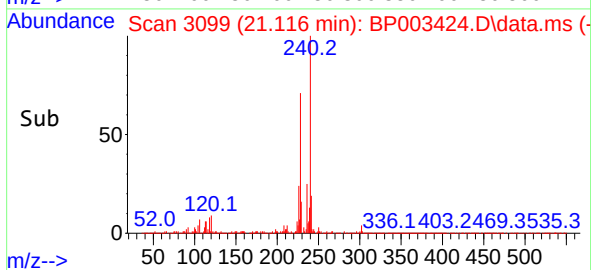
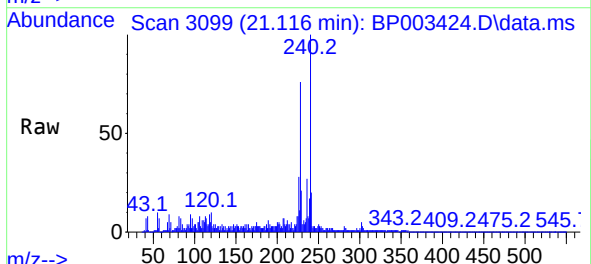
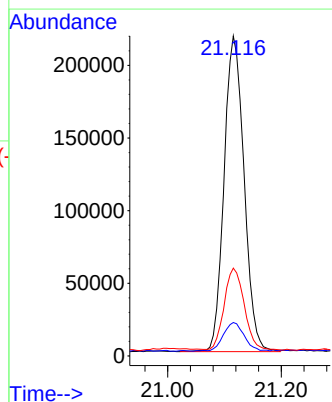


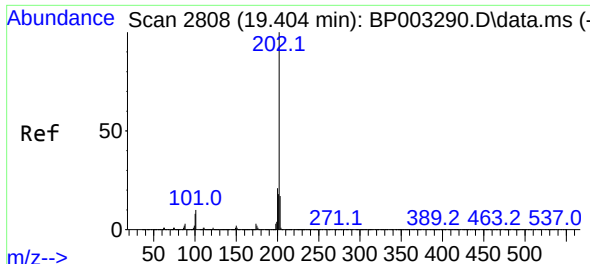
Tgt Ion:202 Resp: 1236922
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.4
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.116 min Scan# 3099
Delta R.T. 0.053 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

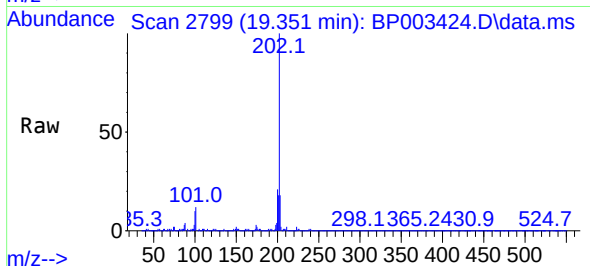
Tgt Ion:240 Resp: 531494
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.6
236 27.4 20.8 31.2





#78
Pyrene
Concen: 32.87 ng
RT: 19.351 min Scan# 2799
Delta R.T. 0.018 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

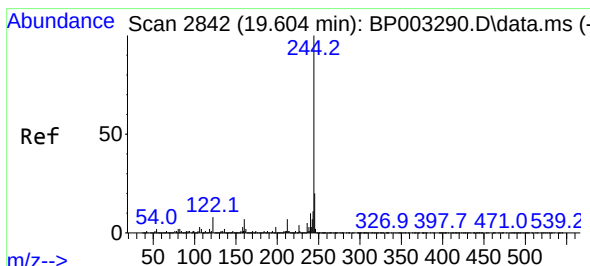
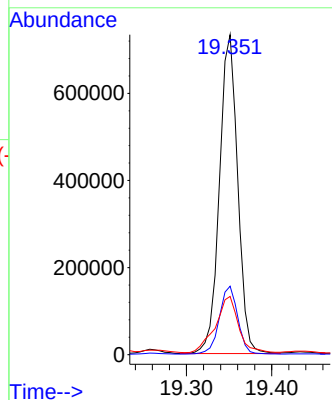
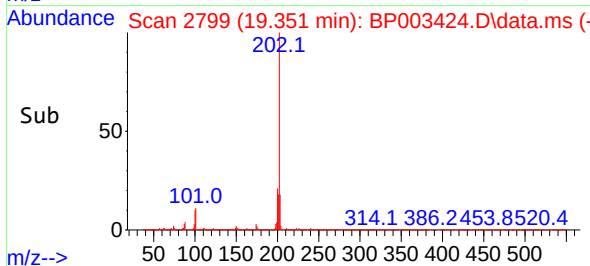
Instrument :
BNA_P
ClientSampleId :
B-10(4-5)



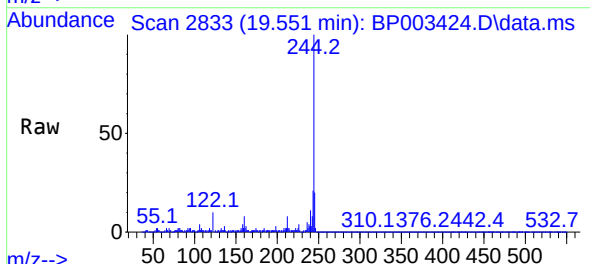
Tgt Ion:202 Resp: 1089573
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.2 14.2 21.2

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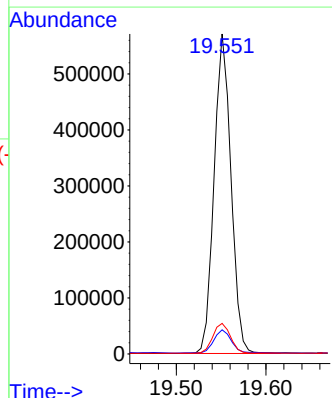
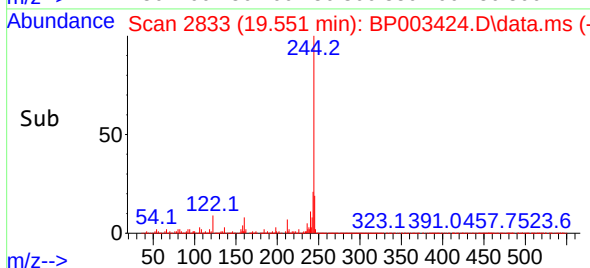
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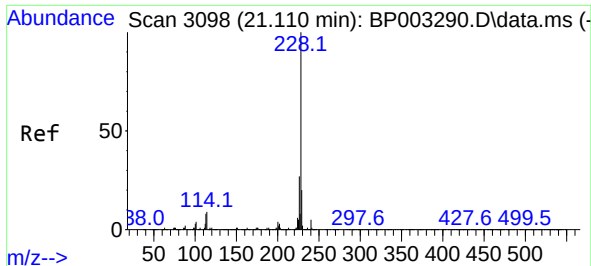


#79
Terphenyl-d14
Concen: 29.27 ng
RT: 19.551 min Scan# 2833
Delta R.T. 0.018 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11



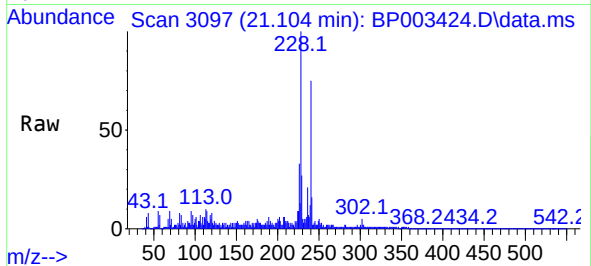
Tgt Ion:244 Resp: 746554
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 9.6 7.8 11.8





#81
Benzo(a)anthracene
Concen: 16.61 ng
RT: 21.104 min Scan# 3097
Delta R.T. 0.059 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

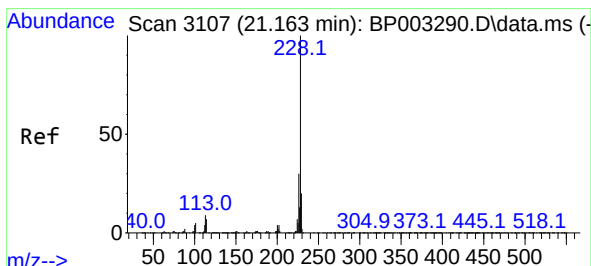
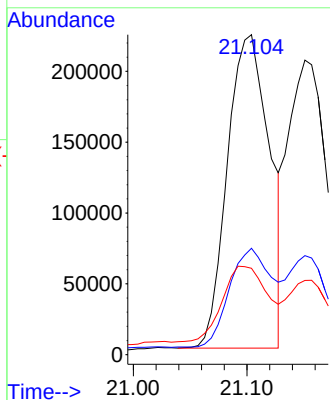
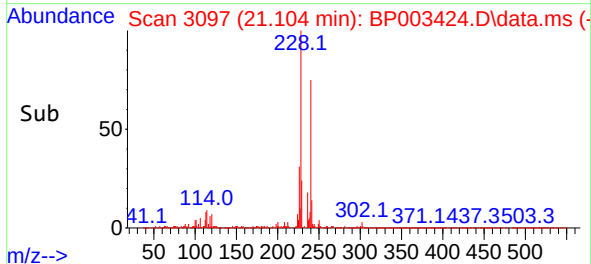
Instrument :
BNA_P
ClientSampled :
B-10(4-5)



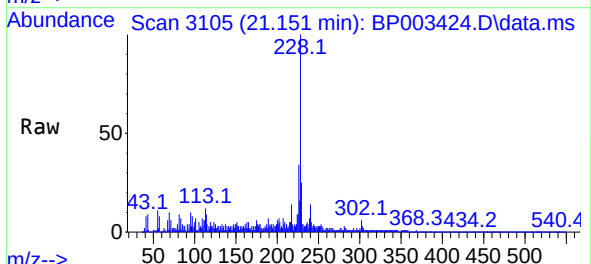
Tgt Ion:228 Resp: 570542
Ion Ratio Lower Upper
228 100
226 33.2 22.1 33.1#
229 27.0 15.9 23.9#

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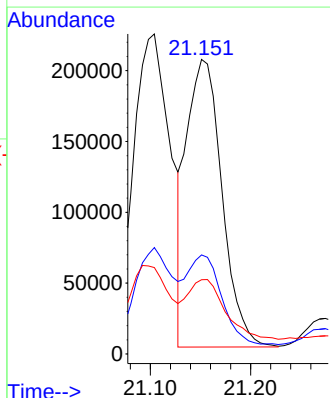
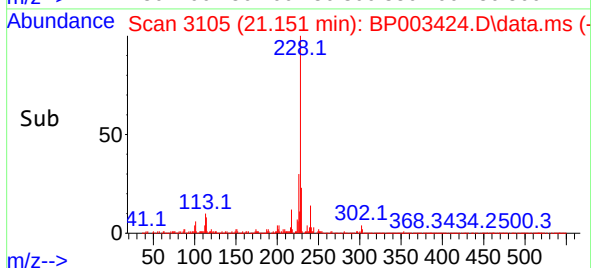
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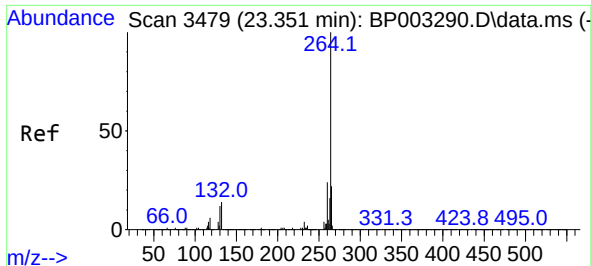


#83
Chrysene
Concen: 15.10 ng
RT: 21.151 min Scan# 3105
Delta R.T. 0.053 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11



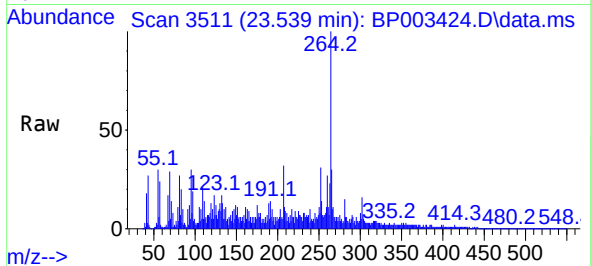
Tgt Ion:228 Resp: 498296
Ion Ratio Lower Upper
228 100
226 33.6 24.4 36.6
229 25.2 15.8 23.6#





#86
Perylene-d12
Concen: 20.00 ng m
RT: 23.539 min Scan# 3511
Delta R.T. 0.282 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

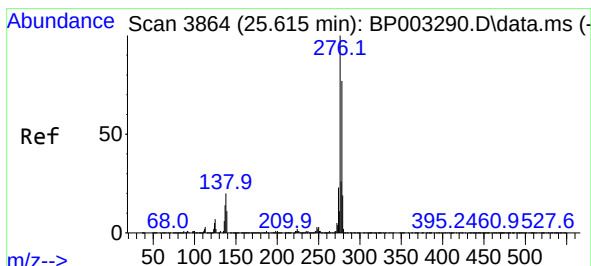
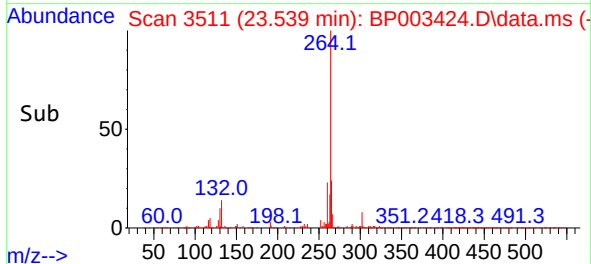
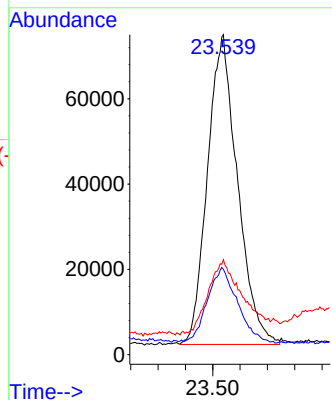
Instrument :
BNA_P
ClientSampled :
B-10(4-5)



Tgt Ion:264 Resp: 552876
Ion Ratio Lower Upper
264 100
260 26.6 18.8 28.2
265 29.7 17.4 26.2#

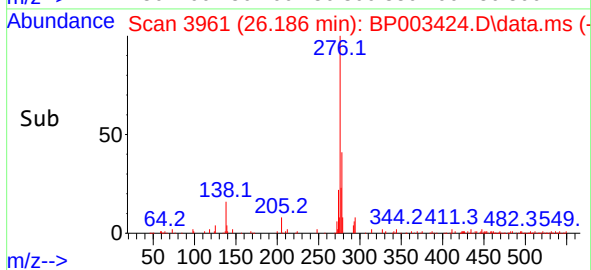
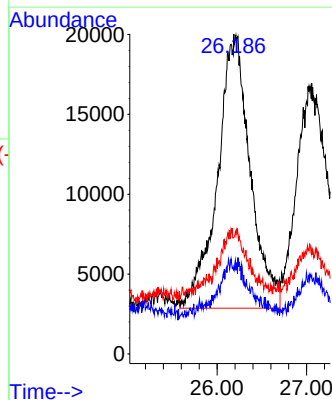
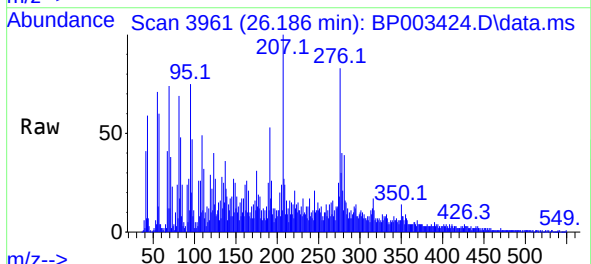
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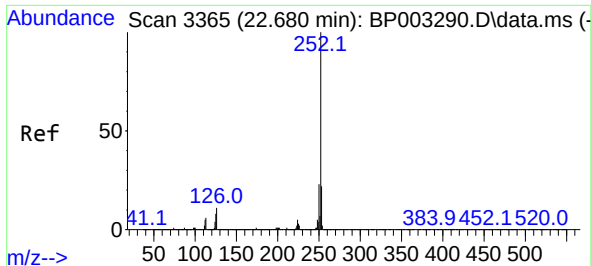
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 10.45 ng m
RT: 26.186 min Scan# 3961
Delta R.T. 0.688 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

Tgt Ion:276 Resp: 437953
Ion Ratio Lower Upper
276 100
138 0.2 18.7 28.1#
277 0.0 20.4 30.6#





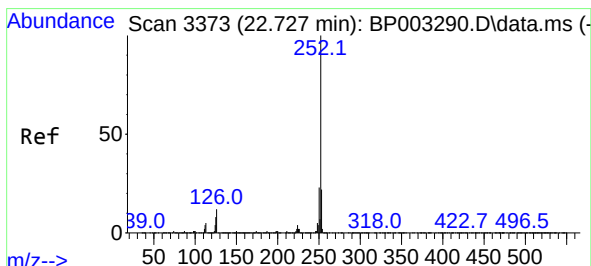
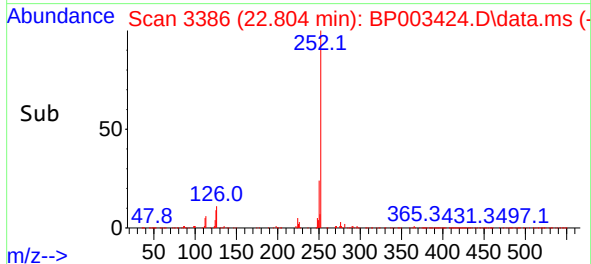
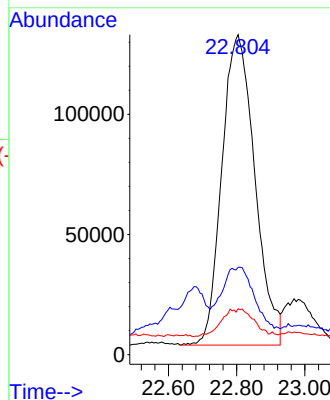
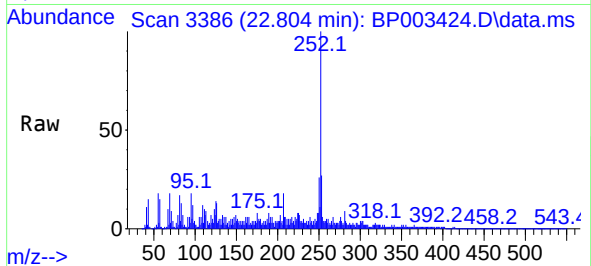
#88
Benzo(b)fluoranthene
Concen: 24.84 ng
RT: 22.804 min Scan# 3386
Delta R.T. 0.212 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

Tgt Ion:252 Resp: 867406
Ion Ratio Lower Upper
252 100
253 27.3 17.6 26.4#
125 14.3 7.3 10.9#

Instrument :
BNA_P
ClientSampleId :
B-10(4-5)

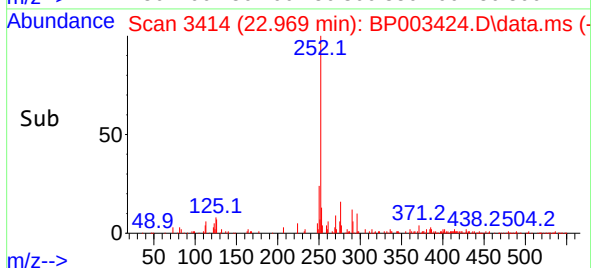
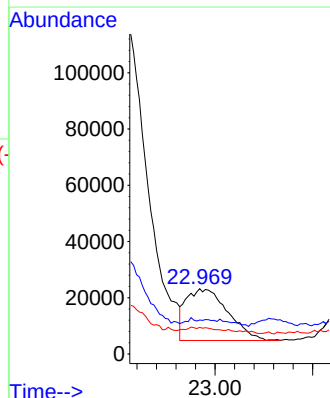
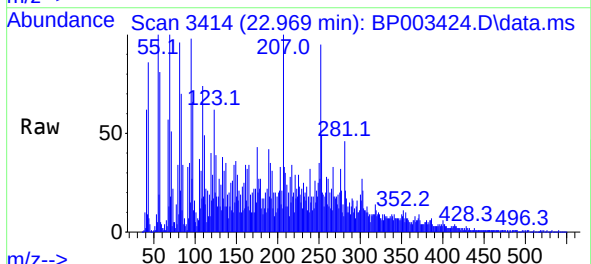
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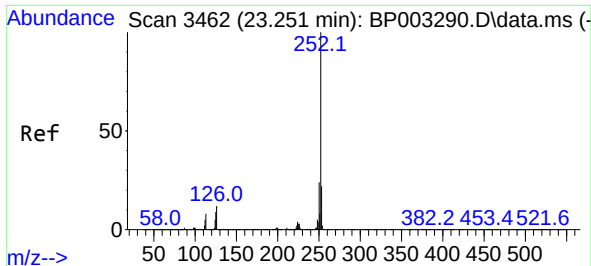
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.27 ng m
RT: 22.969 min Scan# 3414
Delta R.T. 0.323 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

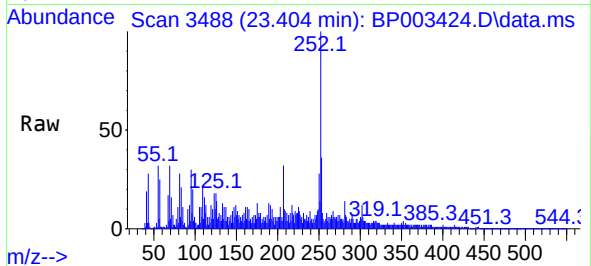
Tgt Ion:252 Resp: 109290
Ion Ratio Lower Upper
252 100
253 51.9 17.8 26.8#
125 40.7 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 29.33 ng m
RT: 23.404 min Scan# 3488
Delta R.T. 0.241 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

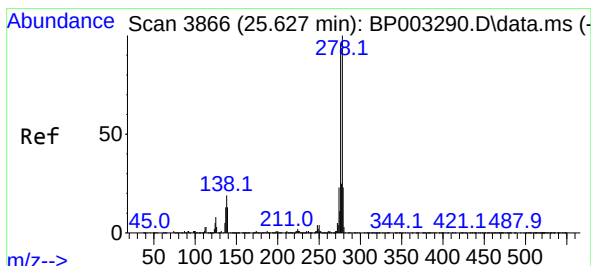
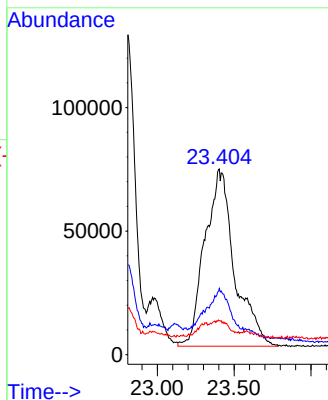
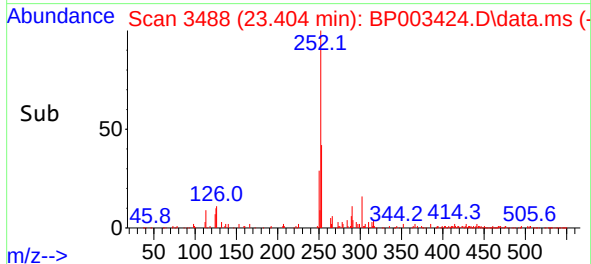
Instrument :
BNA_P
ClientSampled :
B-10(4-5)



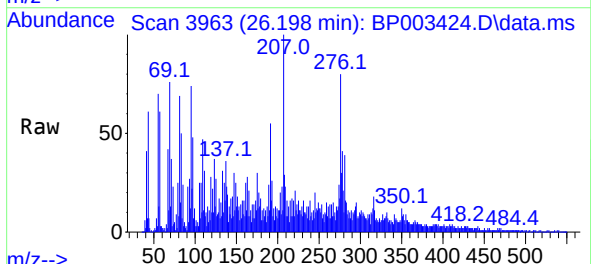
Tgt Ion:252 Resp: 965654
Ion Ratio Lower Upper
252 100
253 35.7 17.4 26.0#
125 18.2 8.2 12.4#

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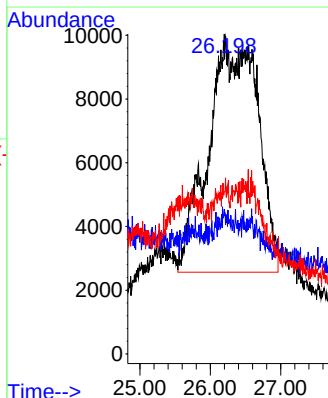
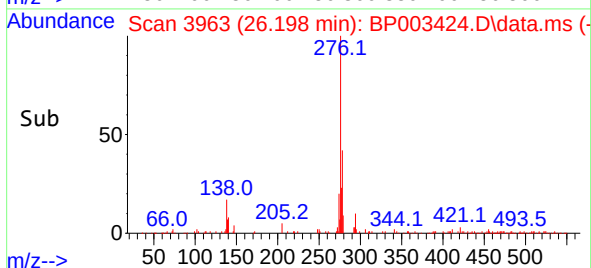
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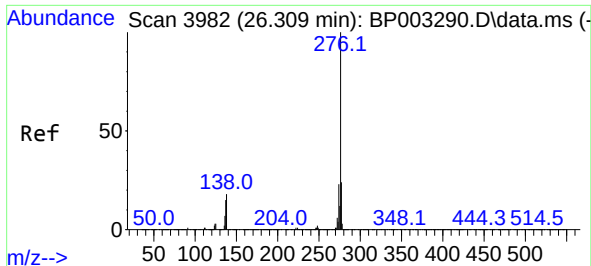


#91
Dibenzo(a,h)anthracene
Concen: 10.41 ng m
RT: 26.198 min Scan# 3963
Delta R.T. 0.688 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11



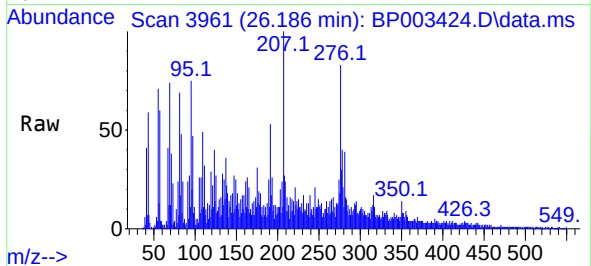
Tgt Ion:278 Resp: 359985
Ion Ratio Lower Upper
278 100
139 45.2 12.4 18.6#
279 50.5 19.0 28.6#





#92
Benzo(g,h,i)perylene
Concen: 12.38 ng m
RT: 26.186 min Scan# 3961
Delta R.T. -0.012 min
Lab File: BP003424.D
Acq: 30 Sep 2020 21:11

Instrument :
BNA_P
ClientSampleId :
B-10(4-5)



Tgt Ion:276 Resp: 427535
Ion Ratio Lower Upper
276 100
277 36.3 19.0 28.6#
138 27.2 16.6 24.8#

Manual Integrations
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