

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008071.D
 Acq On : 20 Nov 2021 22:46
 Operator : CG/JU
 Sample : M4762-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-251674

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 22 05:35:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	133750	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	516101	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	340886	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	618043	20.000	ng	0.00
76) Chrysene-d12	21.316	240	697965	20.000	ng	0.00
86) Perylene-d12	23.704	264	773575	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	902558	115.342	ng	0.00
7) Phenol-d6	7.005	99	1169751	107.842	ng	0.00
23) Nitrobenzene-d5	8.981	82	794503	69.836	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	469263	108.777	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	1724384	79.209	ng	0.00
79) Terphenyl-d14	19.792	244	2454429	69.138	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.028	94	31477	2.709	ng	87
71) Phenanthrene	17.263	178	96273	2.891	ng	# 76
75) Fluoranthene	19.239	202	286213	6.668	ng	94
78) Pyrene	19.592	202	261127	5.509	ng	# 95
81) Benzo(a)anthracene	21.298	228	161139	3.443	ng	95
83) Chrysene	21.351	228	177903	4.005	ng	# 96
87) Indeno(1,2,3-cd)pyrene	26.186	276	163280	3.042	ng	97
88) Benzo(b)fluoranthene	22.980	252	289701	5.990	ng	# 95
89) Benzo(k)fluoranthene	23.021	252	101813m	2.116	ng	
90) Benzo(a)pyrene	23.598	252	191309	4.720	ng	# 95
92) Benzo(g,h,i)perylene	26.956	276	159145	3.636	ng	98

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

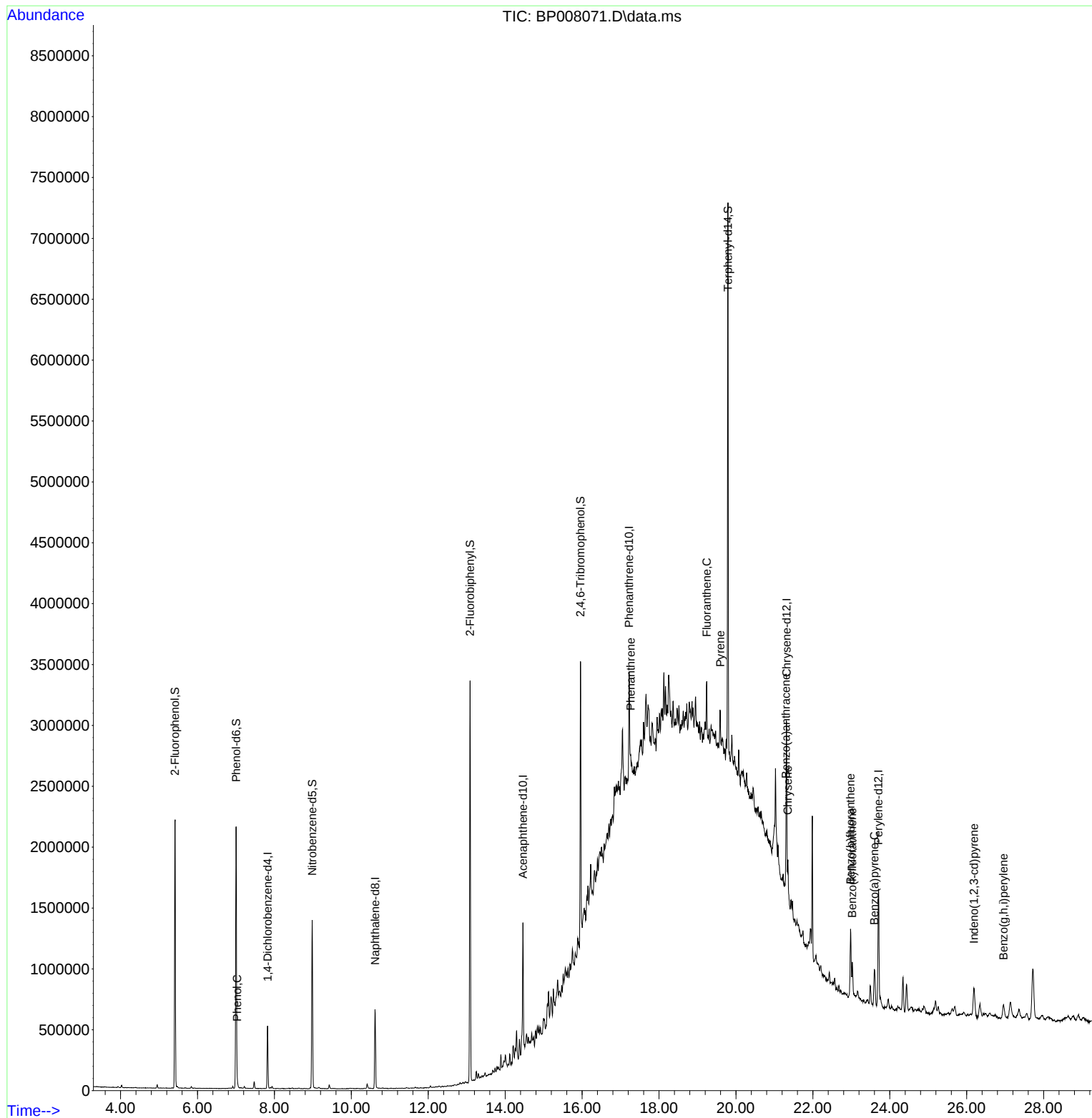
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Data File : BP008071.D
Acq On : 20 Nov 2021 22:46
Operator : CG/JU
Sample : M4762-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

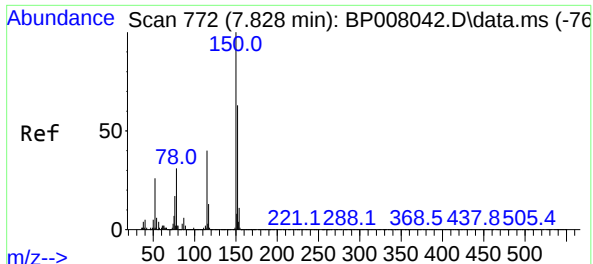
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Quant Time: Nov 22 05:35:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 20 00:21:11 2021
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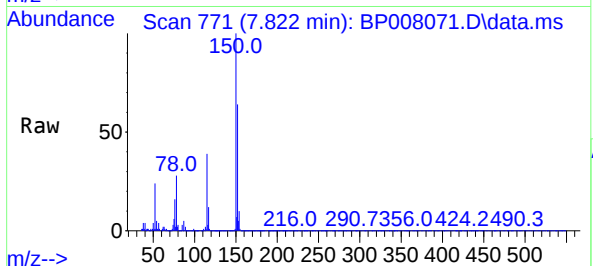
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Supervised By :mohammad ahmed 11/24/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

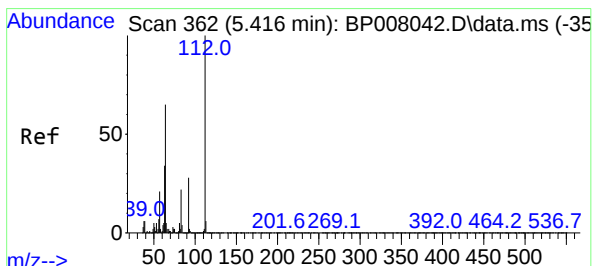
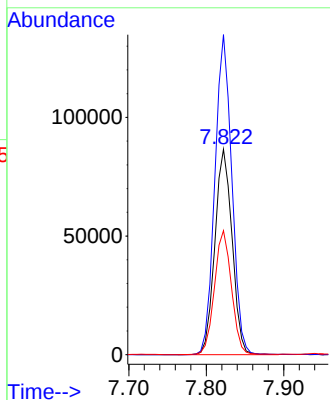
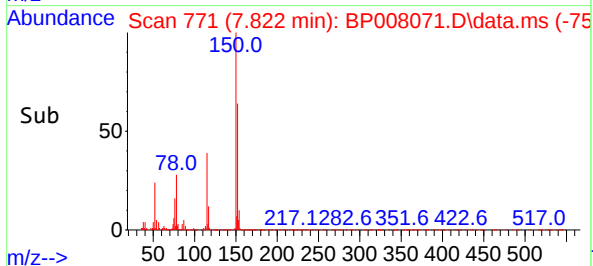
Instrument :
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ClientSampleId :
RBR-251674



Tgt Ion:152 Resp: 133750
Ion Ratio Lower Upper
152 100
150 155.7 126.5 189.7
115 60.4 50.6 75.8

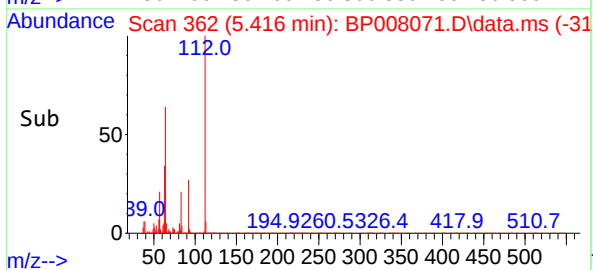
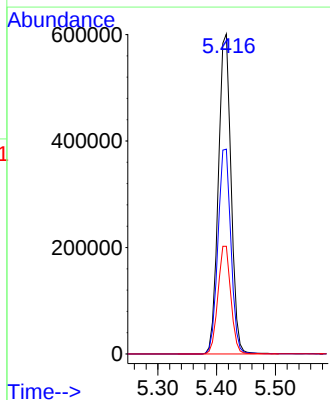
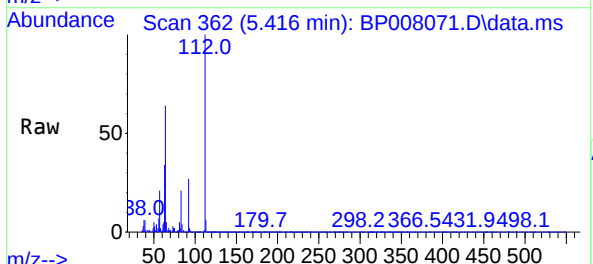
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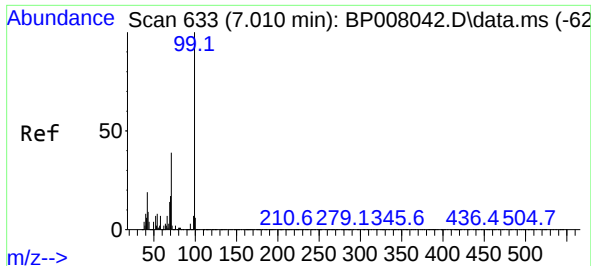
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Supervised By :mohammad ahmed 11/24/2021



#5
2-Fluorophenol
Concen: 115.342 ng
RT: 5.416 min Scan# 362
Delta R.T. 0.000 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

Tgt Ion:112 Resp: 902558
Ion Ratio Lower Upper
112 100
64 64.0 51.7 77.5
63 33.7 27.4 41.0





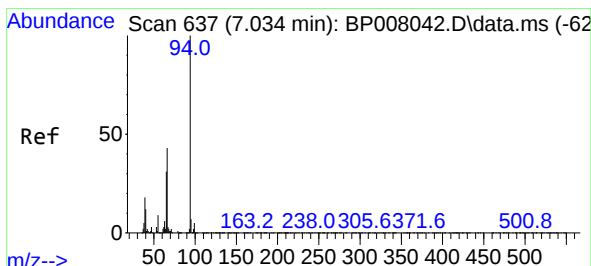
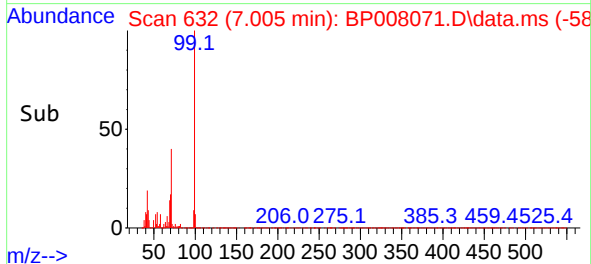
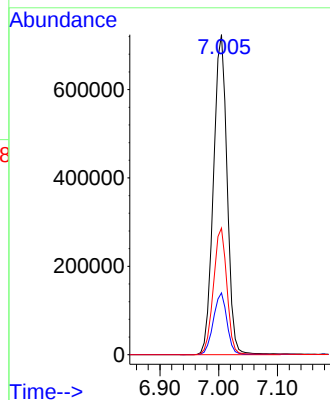
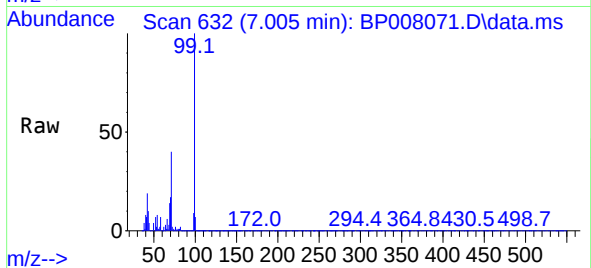
#7
Phenol-d6
Concen: 107.842 ng
RT: 7.005 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

Instrument :
BNA_P
ClientSampleId :
RBR-251674

Tgt Ion: 99 Resp: 116975
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.2
71 39.5 31.0 46.6

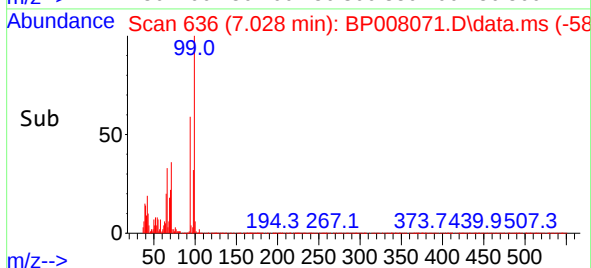
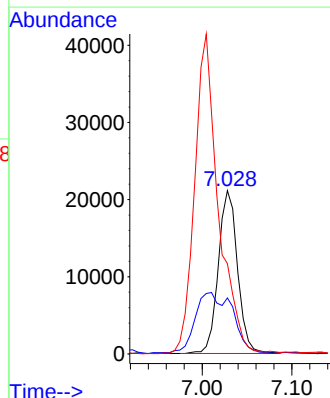
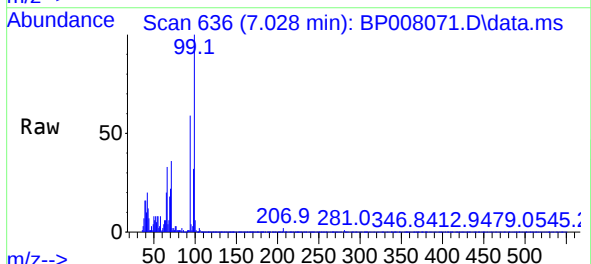
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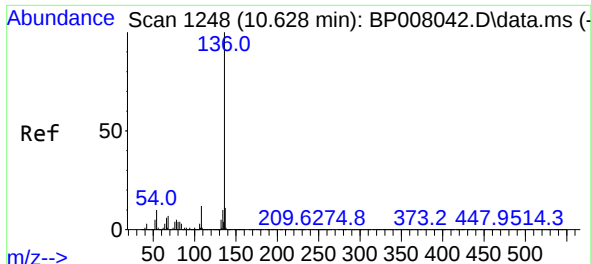
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#10
Phenol
Concen: 2.709 ng
RT: 7.028 min Scan# 636
Delta R.T. -0.006 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

Tgt Ion: 94 Resp: 31477
Ion Ratio Lower Upper
94 100
65 34.3 11.5 51.5
66 55.3 23.5 63.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

Instrument :

BNA_P

ClientSampleId :

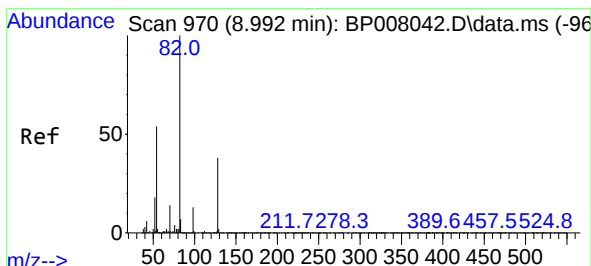
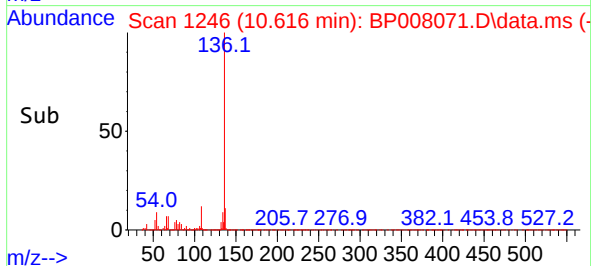
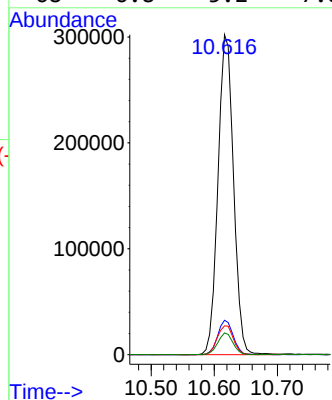
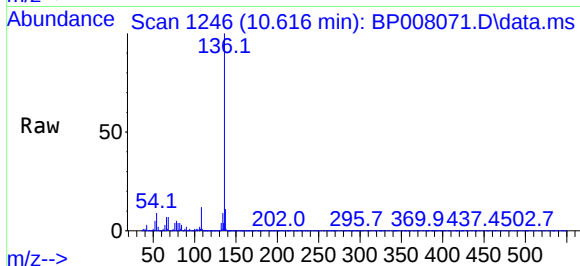
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Tgt Ion:136 Resp: 51610
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.0 8.0 12.0
68 6.8 5.2 7.8

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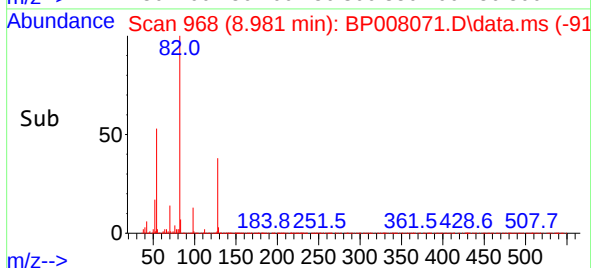
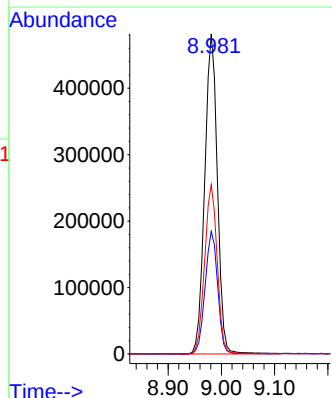
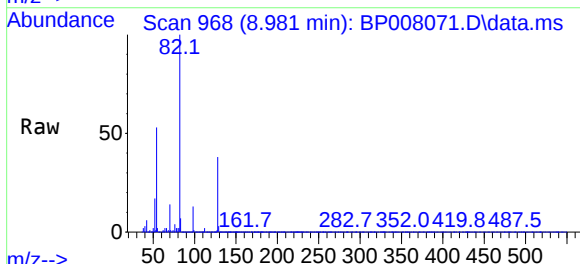
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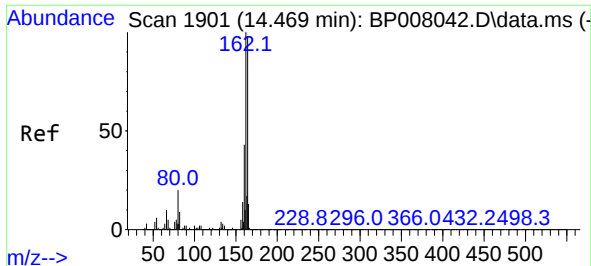
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Supervised By :mohammad ahmed 11/24/2021



#23
Nitrobenzene-d5
Concen: 69.836 ng
RT: 8.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

Tgt Ion: 82 Resp: 794503
Ion Ratio Lower Upper
82 100
128 38.3 30.2 45.2
54 52.9 43.1 64.7





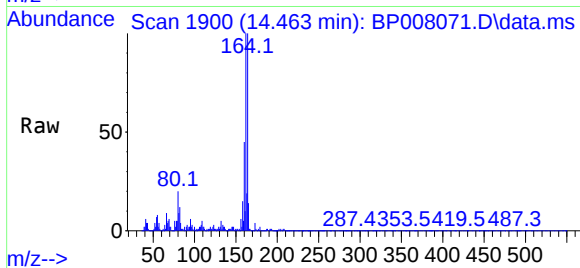
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

Instrument :

BNA_P

ClientSampleId :

RBR-251674

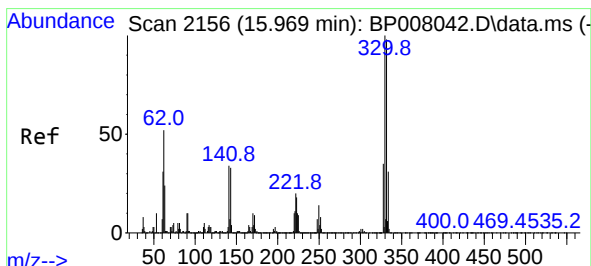
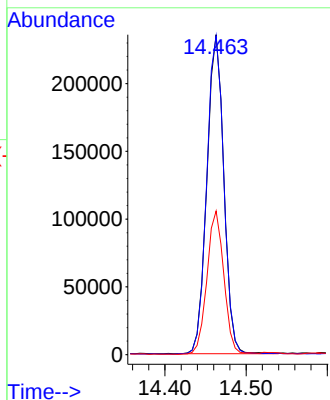
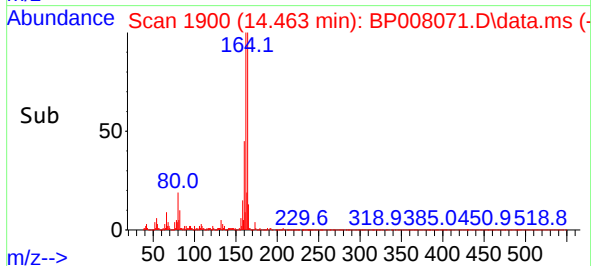


Tgt Ion:164 Resp: 340880
Ion Ratio Lower Upper
164 100
162 99.5 81.8 122.8
160 44.9 35.1 52.7

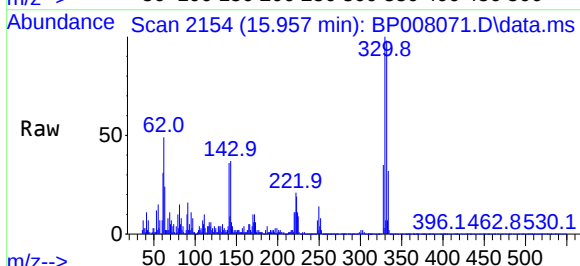
Manual Integrations

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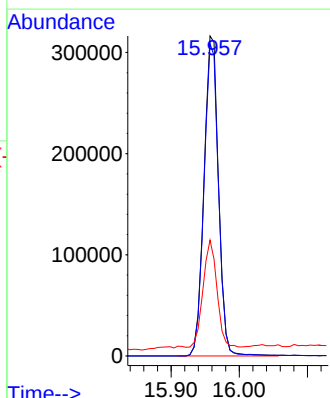
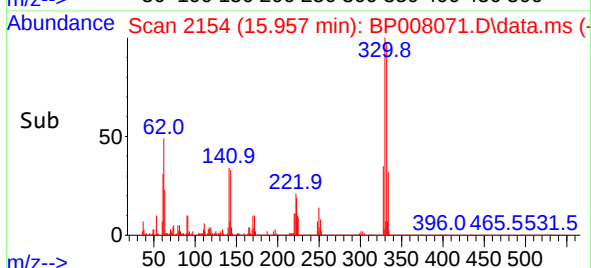
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Supervised By :mohammad ahmed 11/24/2021

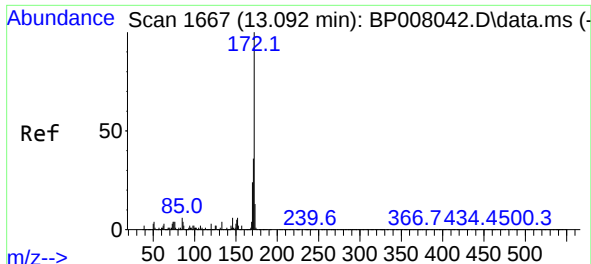


#42
2,4,6-Tribromophenol
Concen: 108.777 ng
RT: 15.957 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46



Tgt Ion:330 Resp: 469263
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 32.8 29.6 44.4





#45
2-Fluorobiphenyl
Concen: 79.209 ng
RT: 13.087 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

Instrument :

BNA_P

ClientSampleId :

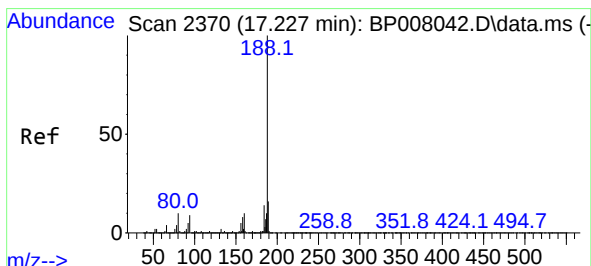
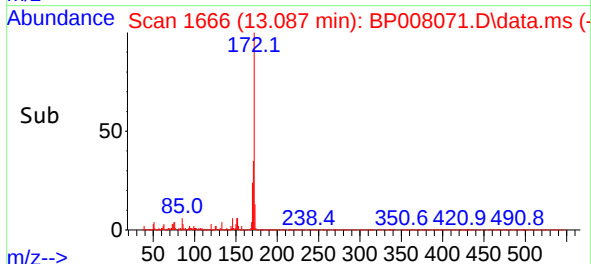
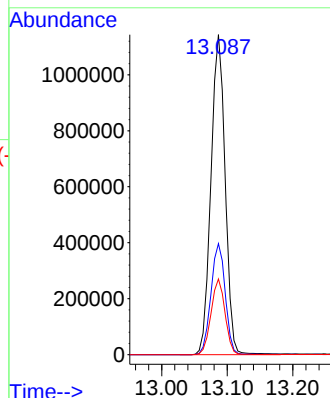
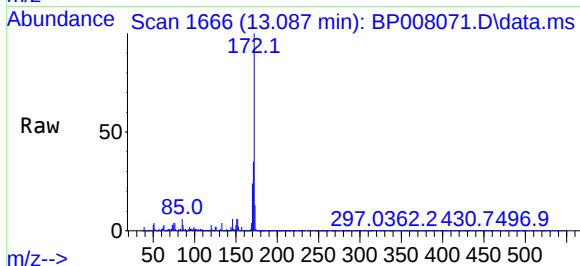
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Tgt Ion:172 Resp: 1724384
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.6 19.0 28.4

Manual Integrations

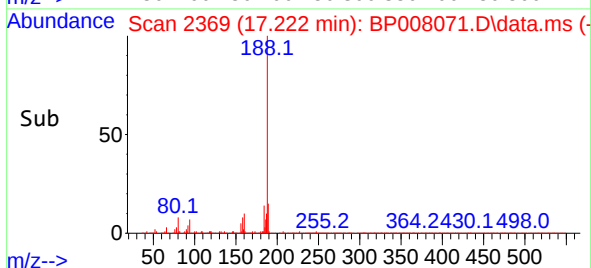
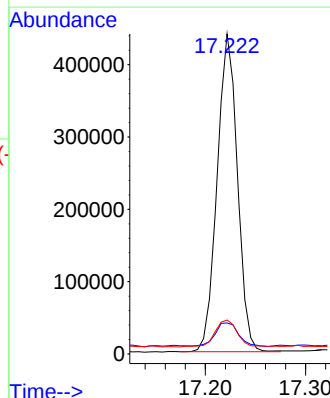
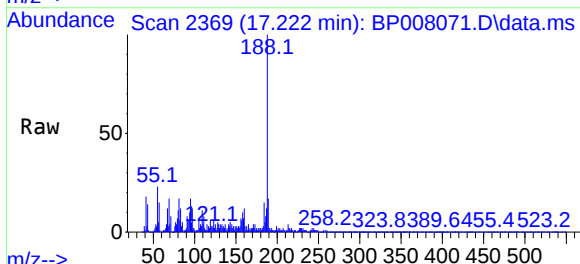
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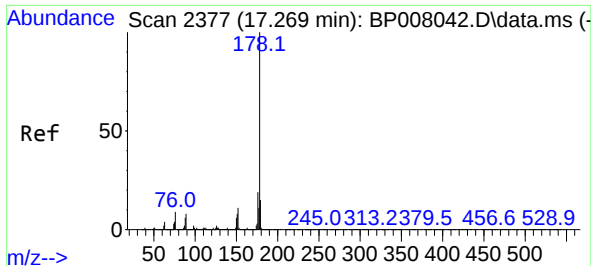
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Supervised By :mohammad ahmed 11/24/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2369
Delta R.T. -0.005 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

Tgt Ion:188 Resp: 618043
Ion Ratio Lower Upper
188 100
94 9.7 7.1 10.7
80 10.6 8.1 12.1





#71
Phenanthrene
Concen: 2.891 ng
RT: 17.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

Instrument :

BNA_P

ClientSampleId :

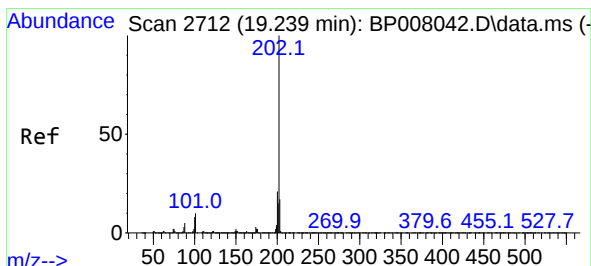
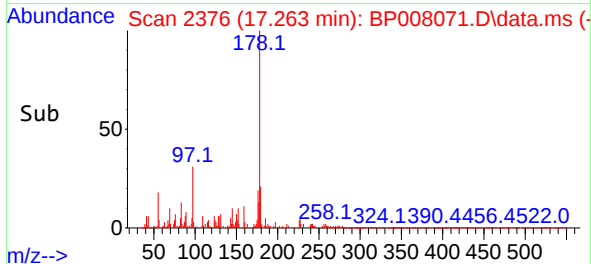
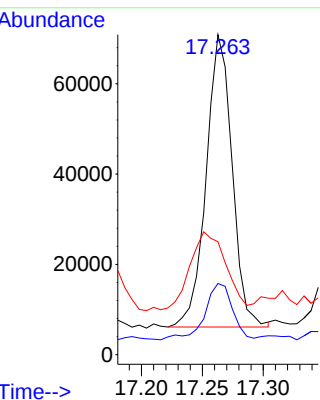
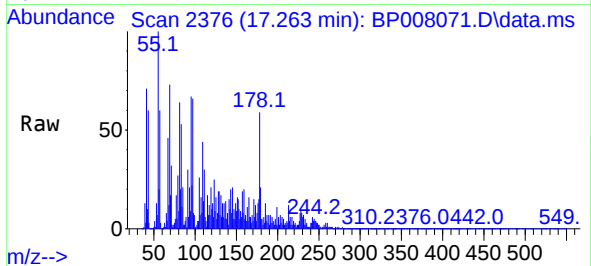
RBR-251674

Tgt Ion:178 Resp: 9627
Ion Ratio Lower Upper
178 100
176 22.2 15.6 23.4
179 35.3 12.4 18.6

Manual Integrations

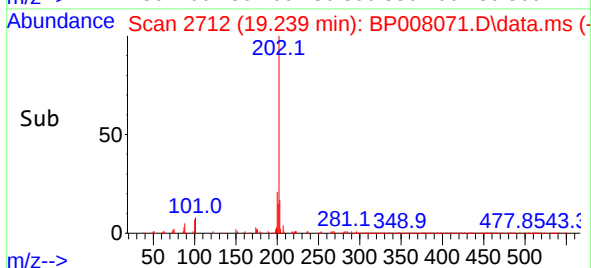
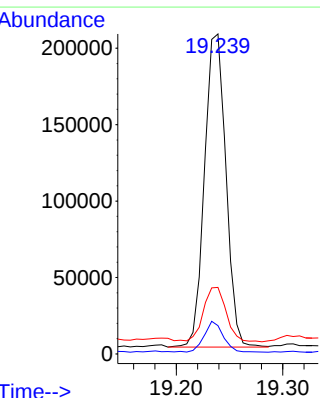
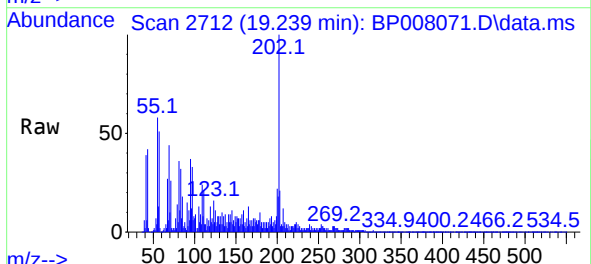
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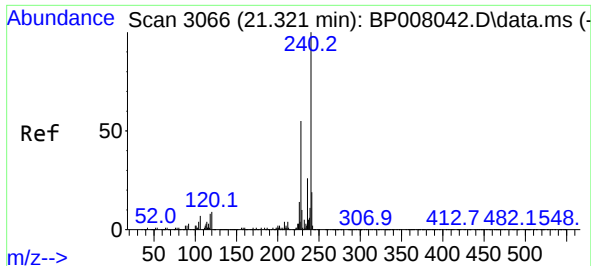
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#75
Fluoranthene
Concen: 6.668 ng
RT: 19.239 min Scan# 2712
Delta R.T. 0.000 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

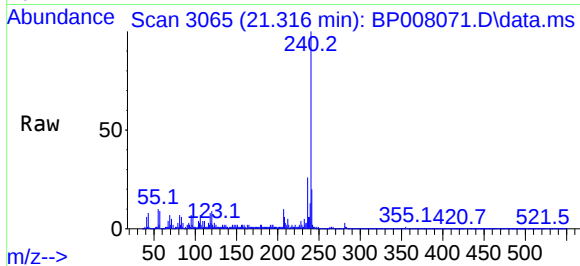
Tgt Ion:202 Resp: 286213
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.5
203 20.8 0.0 37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3066
Delta R.T. -0.005 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

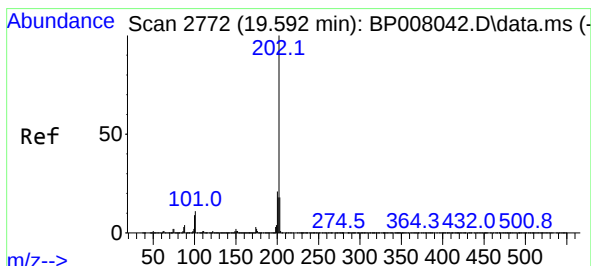
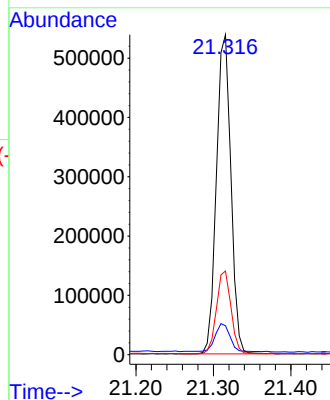
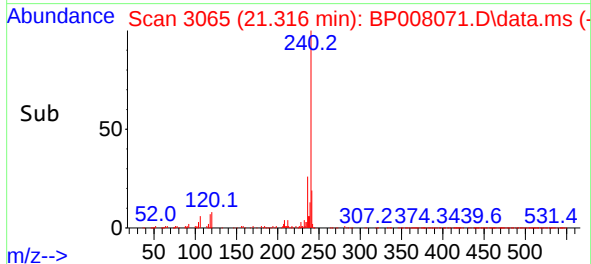
Instrument :
BNA_P
ClientSampleId :
RBR-251674



Tgt Ion:240 Resp: 69796
Ion Ratio Lower Upper
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120 9.0 7.4 11.2
236 26.1 21.0 31.4

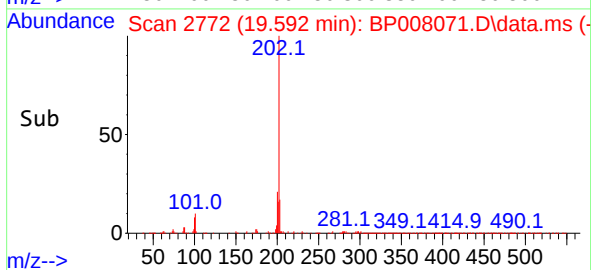
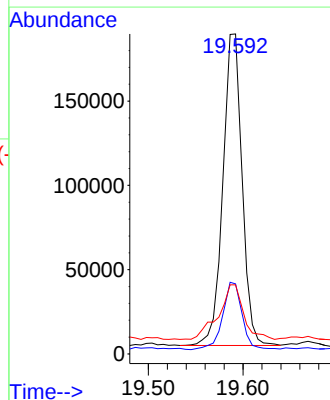
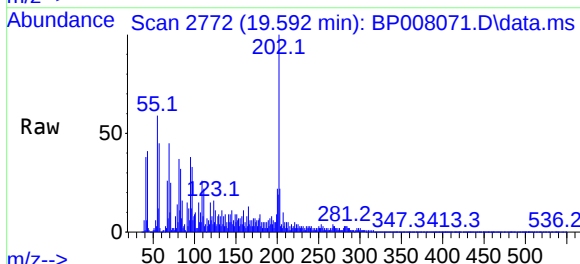
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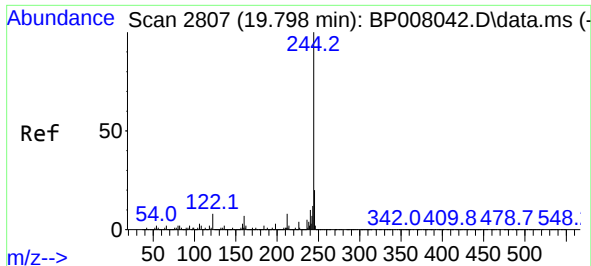
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#78
Pyrene
Concen: 5.509 ng
RT: 19.592 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

Tgt Ion:202 Resp: 261127
Ion Ratio Lower Upper
202 100
200 21.9 16.9 25.3
203 21.6 14.2 21.2#





#79
 Terphenyl-d14
 Concen: 69.138 ng
 RT: 19.792 min Scan# 2454429
 Delta R.T. -0.006 min
 Lab File: BP008071.D
 Acq: 20 Nov 2021 22:46

Instrument :

BNA_P

ClientSampleId :

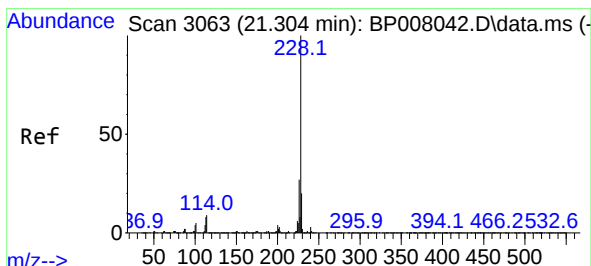
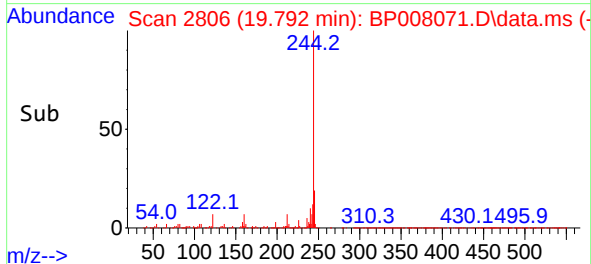
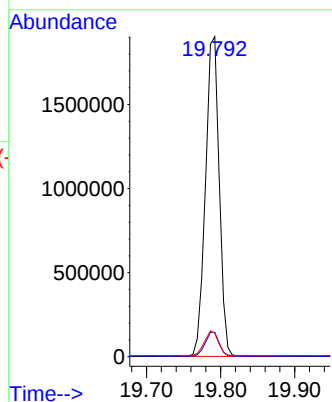
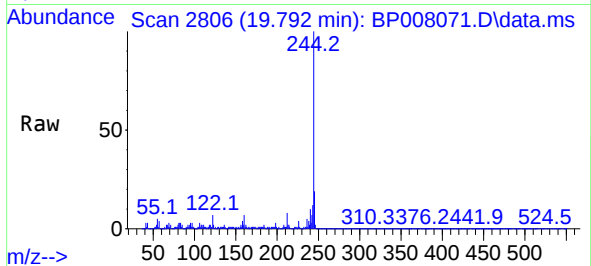
RBR-251674

Tgt Ion:244 Resp: 2454429
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 7.4 6.1 9.1

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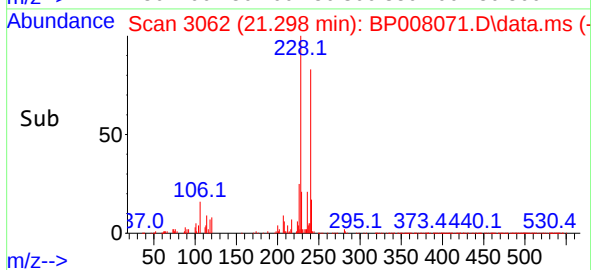
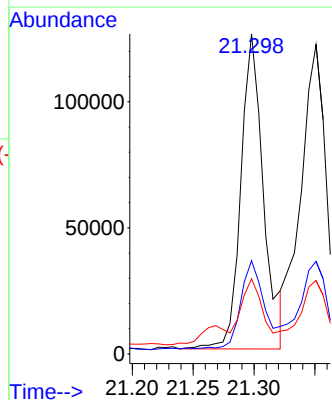
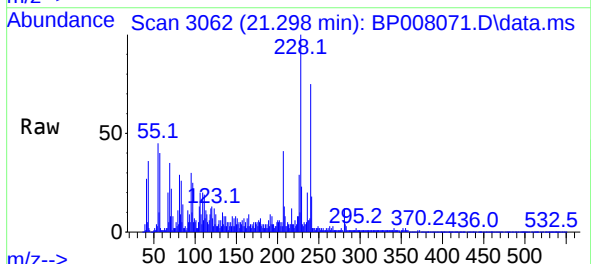
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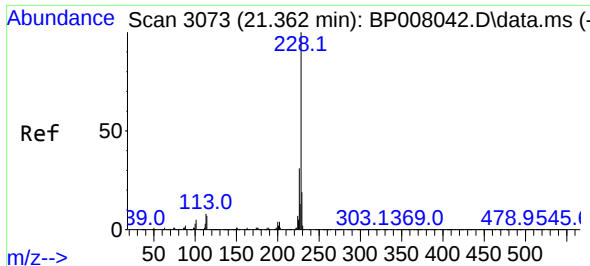
Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021



#81
 Benzo(a)anthracene
 Concen: 3.443 ng
 RT: 21.298 min Scan# 3062
 Delta R.T. -0.006 min
 Lab File: BP008071.D
 Acq: 20 Nov 2021 22:46

Tgt Ion:228 Resp: 161139
 Ion Ratio Lower Upper
 228 100
 226 29.2 21.8 32.6
 229 23.5 16.1 24.1





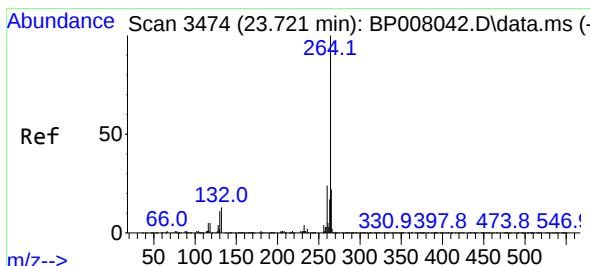
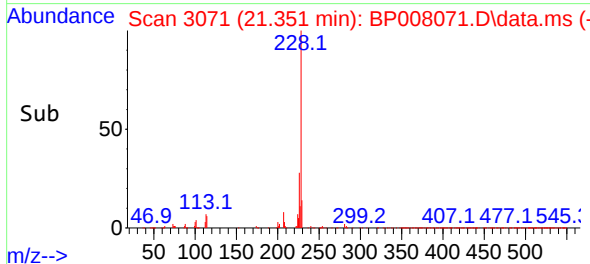
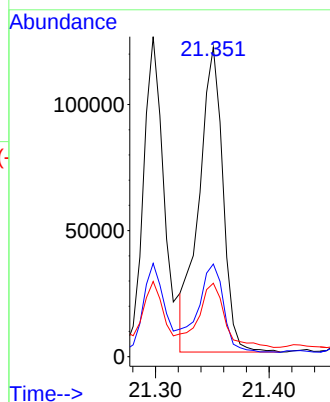
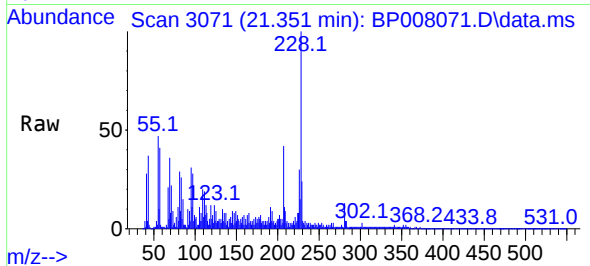
#83
Chrysene
Concen: 4.005 ng
RT: 21.351 min Scan# 3071
Delta R.T. -0.011 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

Instrument :
BNA_P
ClientSampleId :
RBR-251674

Tgt Ion:228 Resp: 17790
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 23.7 15.5 23.3

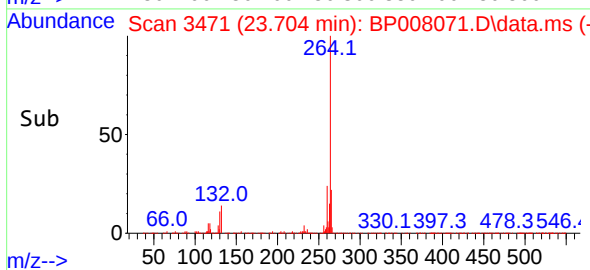
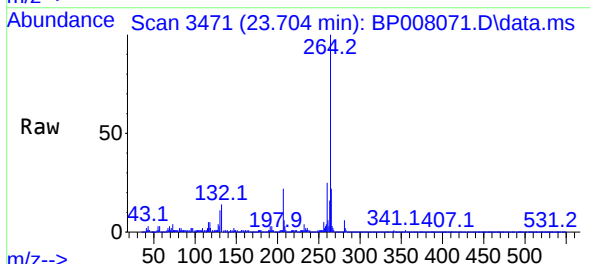
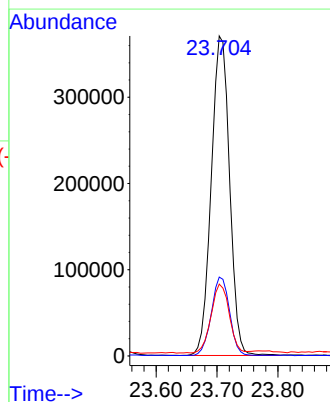
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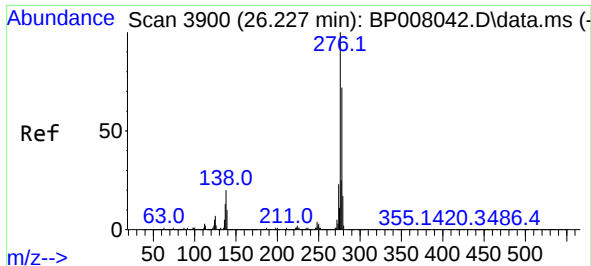
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3471
Delta R.T. -0.017 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

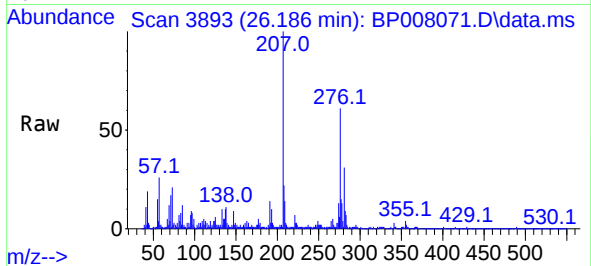
Tgt Ion:264 Resp: 773575
Ion Ratio Lower Upper
264 100
260 24.6 19.0 28.6
265 22.4 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.042 ng
RT: 26.186 min Scan# 31
Delta R.T. -0.041 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

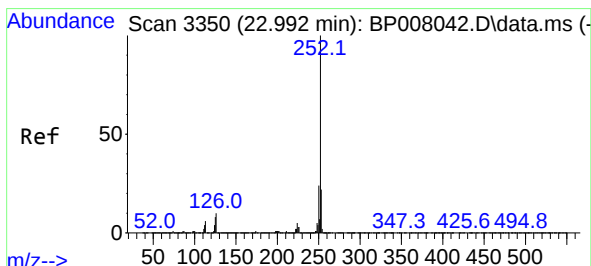
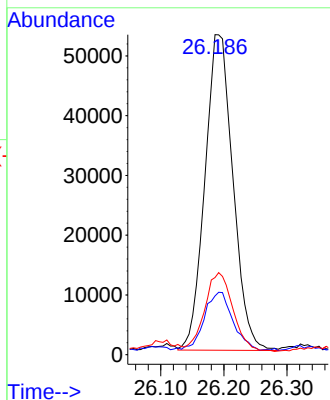
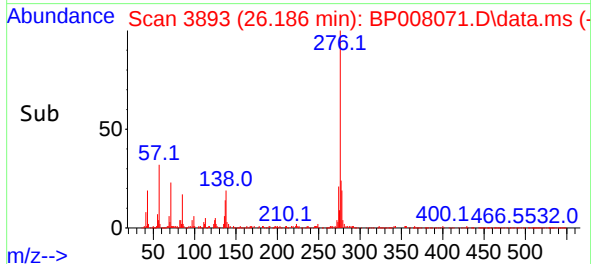
Instrument :
BNA_P
ClientSampleId :
RBR-251674



Tgt Ion:276 Resp: 163280
Ion Ratio Lower Upper
276 100
138 18.2 16.5 24.7
277 25.1 20.2 30.4

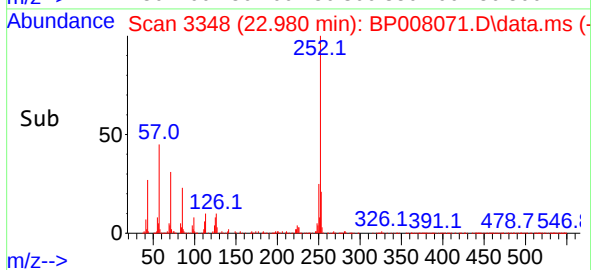
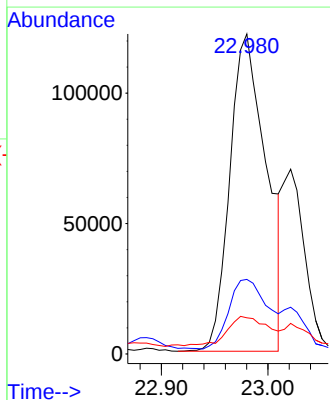
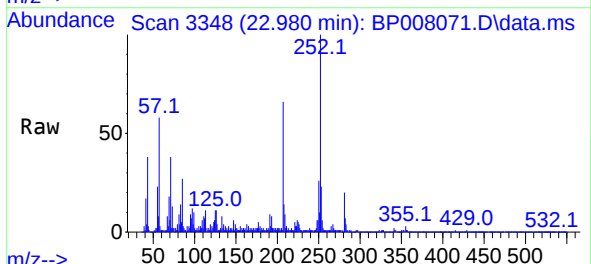
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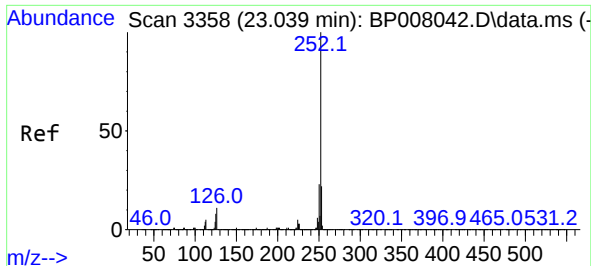
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#88
Benzo(b)fluoranthene
Concen: 5.990 ng
RT: 22.980 min Scan# 3348
Delta R.T. -0.012 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

Tgt Ion:252 Resp: 289701
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 11.3 6.1 9.1#





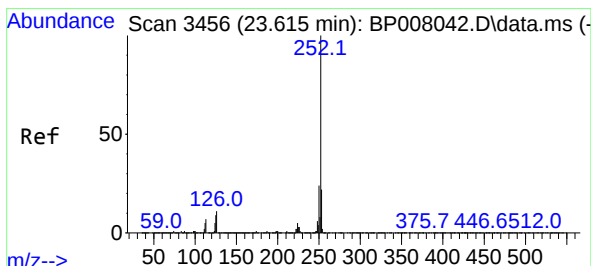
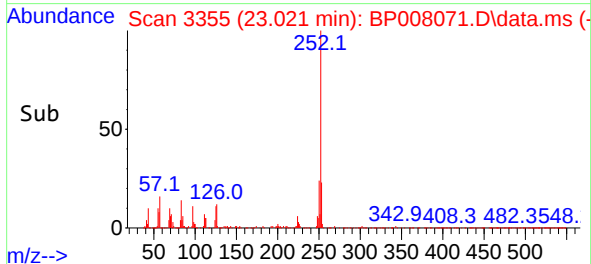
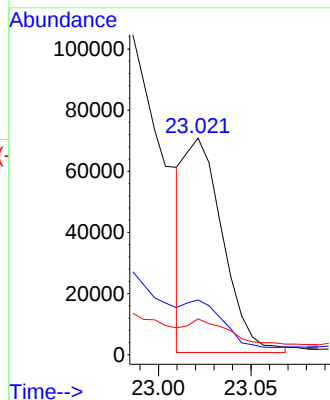
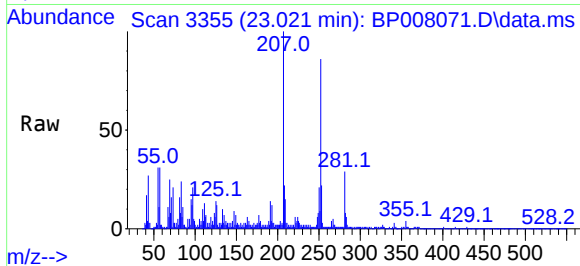
#89
Benzo(k)fluoranthene
Concen: 2.116 ng m
RT: 23.021 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

Instrument :
BNA_P
ClientSampleId :
RBR-251674

Tgt Ion:252 Resp: 10181
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.0
125 16.6 6.2 9.4

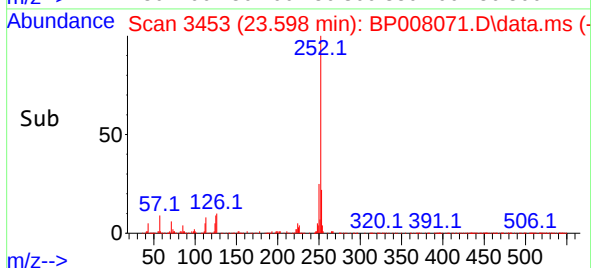
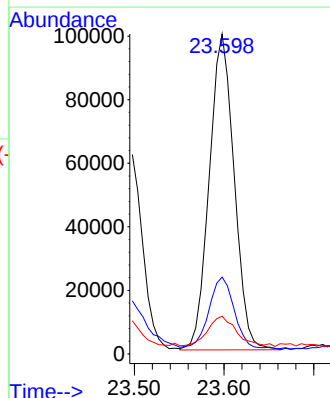
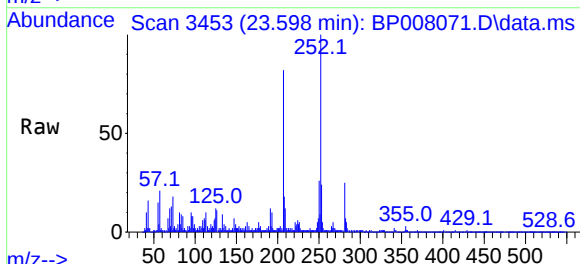
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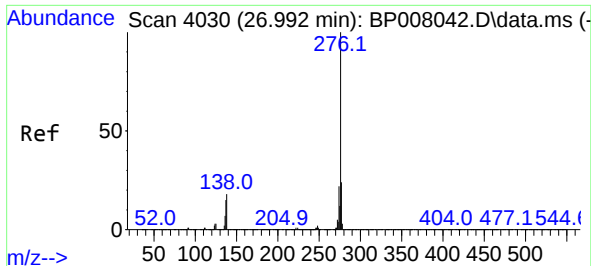
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#90
Benzo(a)pyrene
Concen: 4.720 ng
RT: 23.598 min Scan# 3453
Delta R.T. -0.017 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

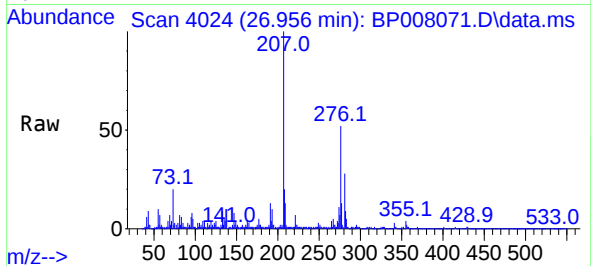
Tgt Ion:252 Resp: 191309
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 11.8 7.4 11.2





#92
Benzo(g,h,i)perylene
Concen: 3.636 ng
RT: 26.956 min Scan# 4030
Delta R.T. -0.036 min
Lab File: BP008071.D
Acq: 20 Nov 2021 22:46

Instrument :
BNA_P
ClientSampleId :
RBR-251674



Tgt Ion: 276 Resp: 159145
Ion Ratio Lower Upper
276 100
277 24.6 19.0 28.6
138 18.4 14.2 21.2

Manual Integrations
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Supervised By :mohammad ahmed 11/24/2021

