

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
 Data File : BP009123.D
 Acq On : 11 Feb 2022 20:44
 Operator : CG/JU
 Sample : N1426-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 POST-EX-01-0207

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/14/2022
 Supervised By :mohammad ahmed 02/15/2022

Quant Time: Feb 11 23:34:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							02/14/2022
1) 1,4-Dichlorobenzene-d4	7.793	152	205630	20.000	ng	-0.01	Supervised By :mohammad ahmed
21) Naphthalene-d8	10.587	136	838789	20.000	ng	-0.02	
39) Acenaphthene-d10	14.434	164	604339	20.000	ng	-0.01	
64) Phenanthrene-d10	17.192	188	1280497	20.000	ng	-0.01	
76) Chrysene-d12	21.298	240	1305759	20.000	ng	0.00	
86) Perylene-d12	23.686	264	1288181	20.000	ng	0.00	02/15/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1265131	109.748	ng	0.00	
7) Phenol-d6	6.987	99	1643815	108.220	ng	0.00	
23) Nitrobenzene-d5	8.952	82	1014323	68.195	ng	-0.02	
42) 2,4,6-Tribromophenol	15.934	330	946289	117.274	ng	-0.01	
45) 2-Fluorobiphenyl	13.057	172	2829593	65.545	ng	-0.01	
79) Terphenyl-d14	19.763	244	4346087	59.856	ng	0.00	
Target Compounds							Qvalue
31) Naphthalene	10.640	128	98485	2.302	ng		97
49) Acenaphthylene	14.157	152	1223724	23.005	ng		99
55) Dibenzofuran	14.834	168	275797	5.058	ng	#	92
58) Fluorene	15.487	166	229841	5.487	ng	#	98
71) Phenanthrene	17.239	178	7587957	109.439	ng		99
72) Anthracene	17.328	178	1888643	27.842	ng		100
73) Carbazole	17.610	167	246464	3.790	ng	#	94
75) Fluoranthene	19.222	202	14152714	182.123	ng		97
78) Pyrene	19.575	202	13512108	145.468	ng		97
81) Benzo(a)anthracene	21.280	228	7003914	83.235	ng		97
83) Chrysene	21.333	228	5918699	72.964	ng		98
87) Indeno(1,2,3-cd)pyrene	26.192	276	3552912	37.120	ng	#	94
88) Benzo(b)fluoranthene	22.969	252	7804916	98.420	ng		99
89) Benzo(k)fluoranthene	23.010	252	2422490m	30.618	ng		
90) Benzo(a)pyrene	23.592	252	5433592	82.182	ng		97
91) Dibenzo(a,h)anthracene	26.192	278	915027	11.633	ng	#	83
92) Benzo(g,h,i)perylene	26.957	276	3291376	42.027	ng		98

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

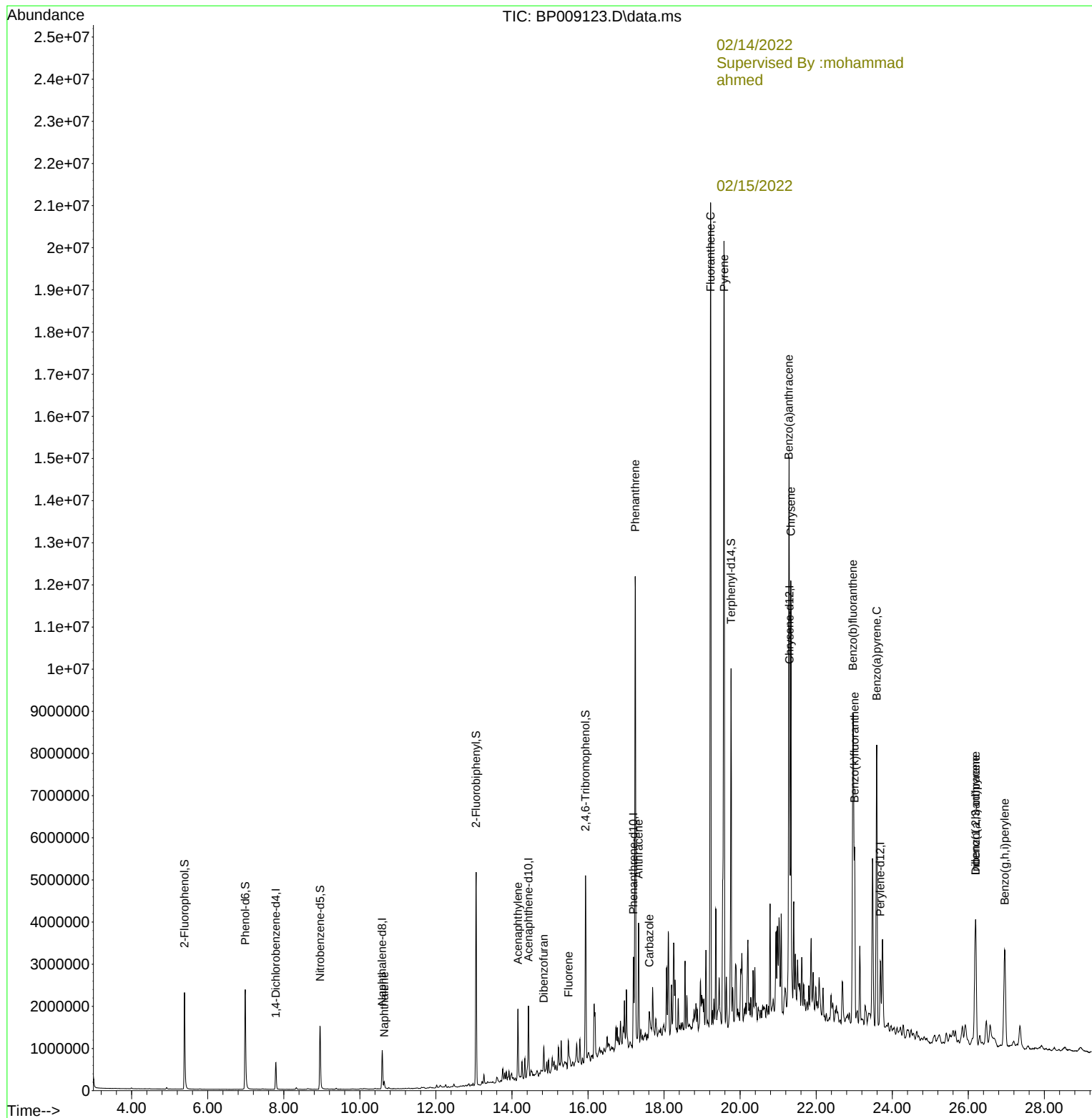
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
Operator : CG/JU
Sample : N1426-01
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ALS Vial : 14 Sample Multiplier: 1

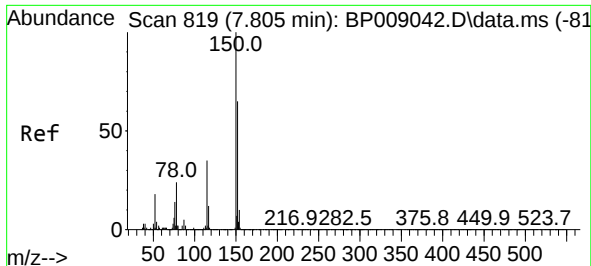
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Quant Time: Feb 11 23:34:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

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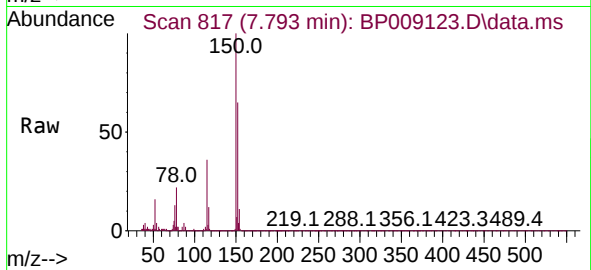
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 819
Delta R.T. -0.012 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

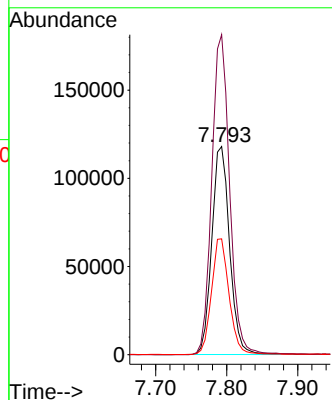
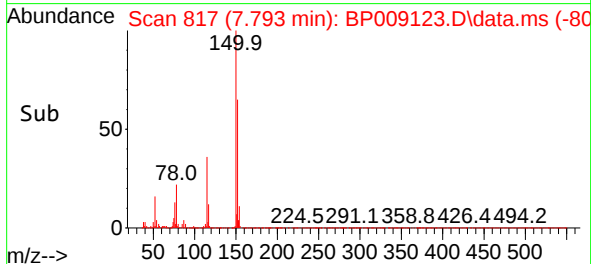
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207



Tgt Ion:152 Resp: 205630
Ion Ratio Lower Upper
152 100
150 153.8 127.0 190.6
115 55.7 43.7 65.5

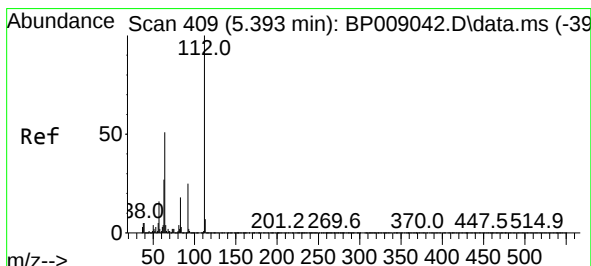
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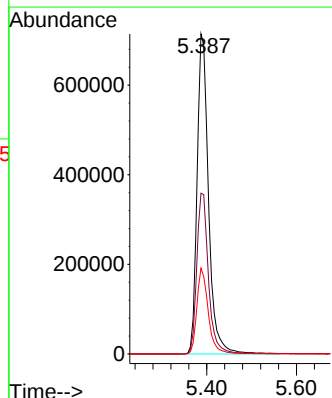
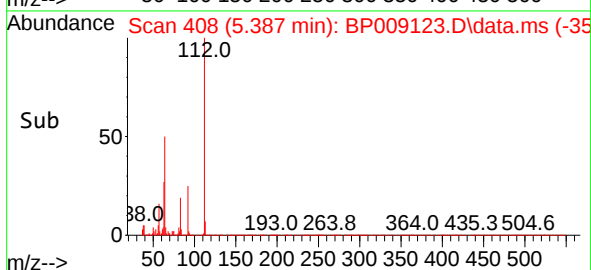
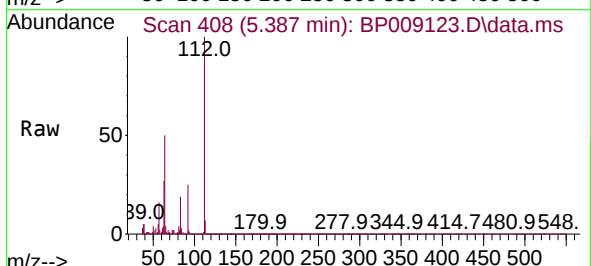
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Supervised By :mohammad
ahmed

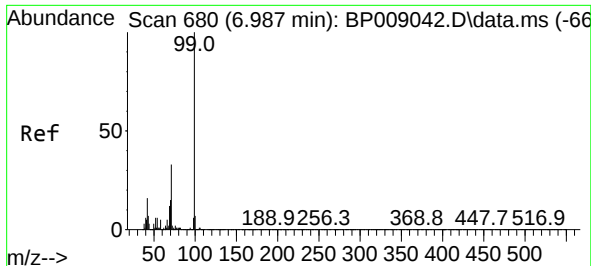
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#5
2-Fluorophenol
Concen: 109.748 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

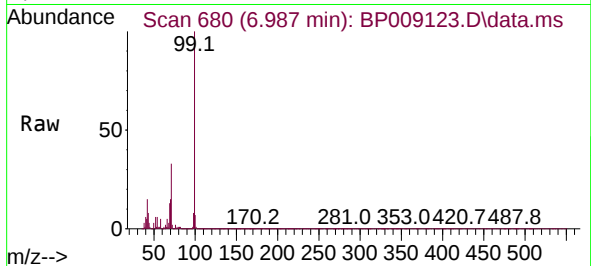
Tgt Ion:112 Resp: 1265131
Ion Ratio Lower Upper
112 100
64 50.3 39.7 59.5
63 26.8 20.0 30.0





#7
Phenol-d6
Concen: 108.220 ng
RT: 6.987 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

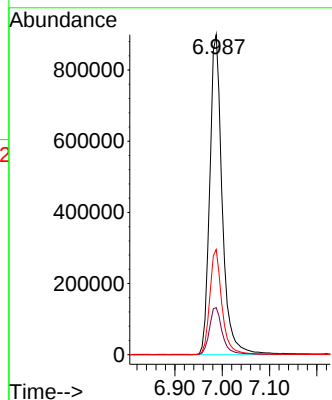
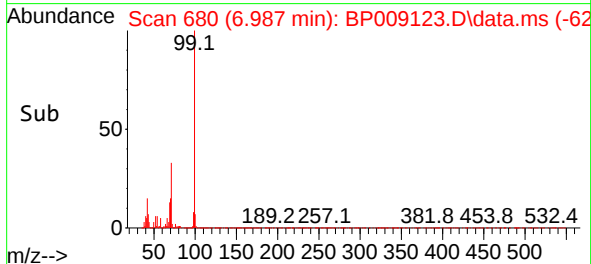
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207



Tgt Ion: 99 Resp: 164381
Ion Ratio Lower Upper
99 100
42 14.7 10.8 16.2
71 32.9 23.8 35.6

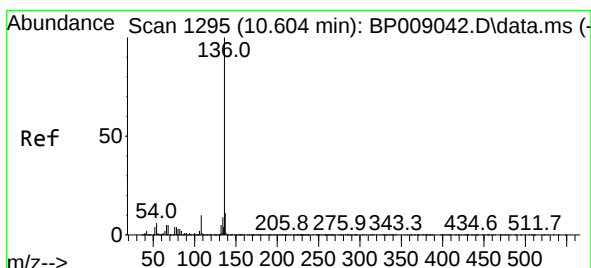
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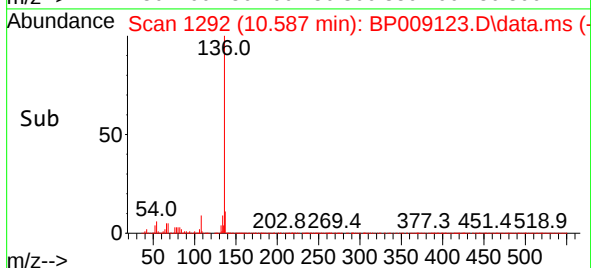
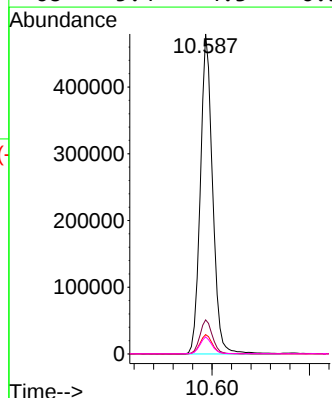
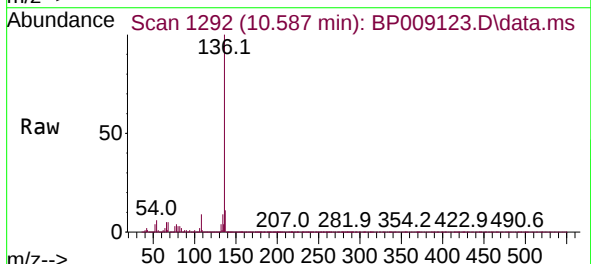
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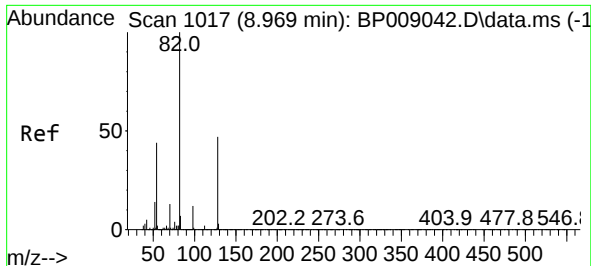
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.017 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:136 Resp: 838789
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 6.0 4.9 7.3
68 5.4 4.3 6.5





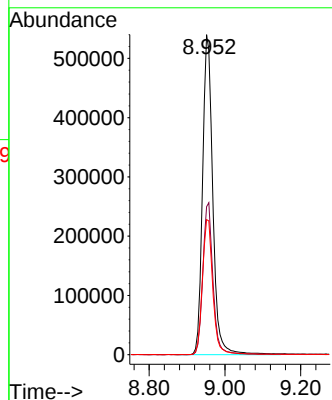
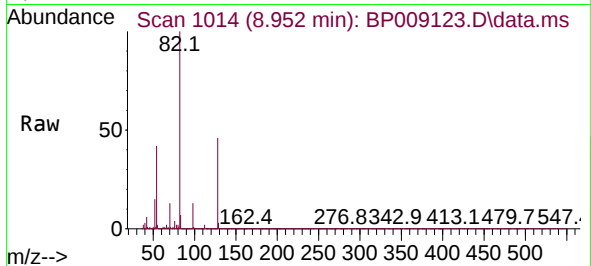
#23
Nitrobenzene-d5
Concen: 68.195 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.018 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion: 82 Resp: 101432
Ion Ratio Lower Upper
82 100
128 46.2 39.4 59.2
54 42.2 32.6 48.8

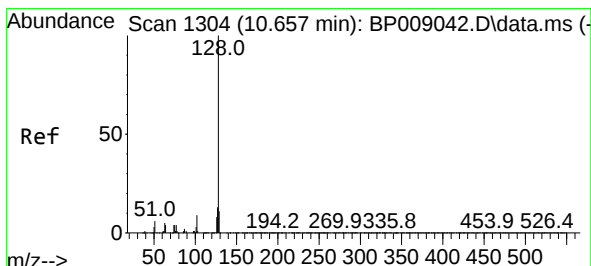
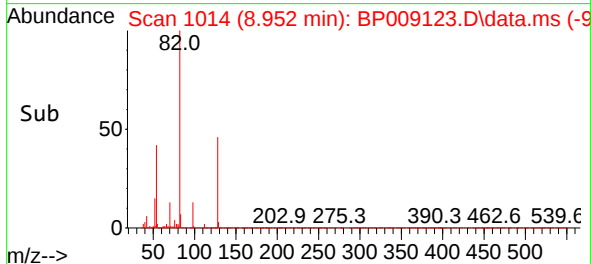
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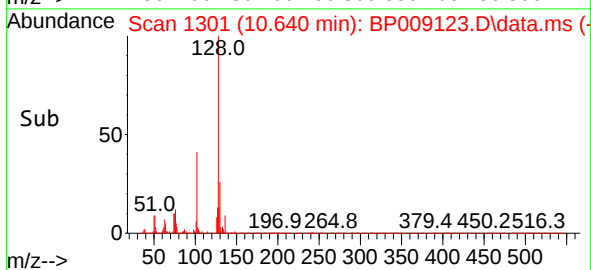
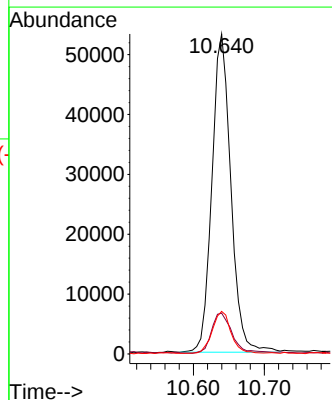
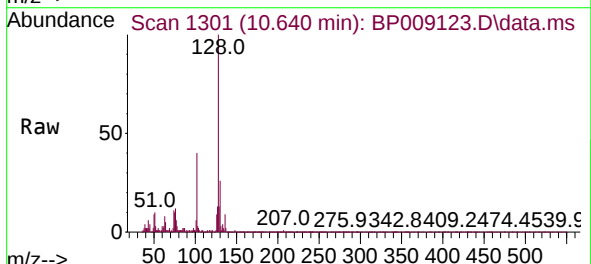
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Supervised By :mohammad
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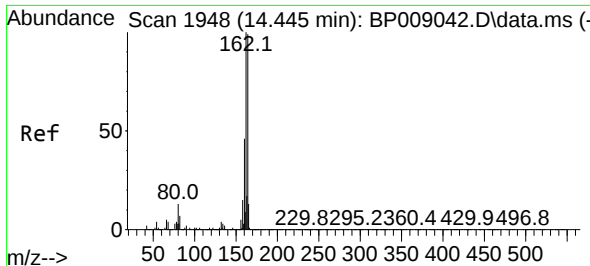
02/15/2022



#31
Naphthalene
Concen: 2.302 ng
RT: 10.640 min Scan# 1301
Delta R.T. -0.018 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

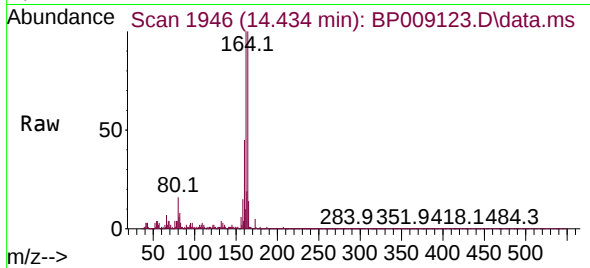
Tgt Ion:128 Resp: 98485
Ion Ratio Lower Upper
128 100
129 12.7 8.8 13.2
127 13.3 10.4 15.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1948
Delta R.T. -0.011 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

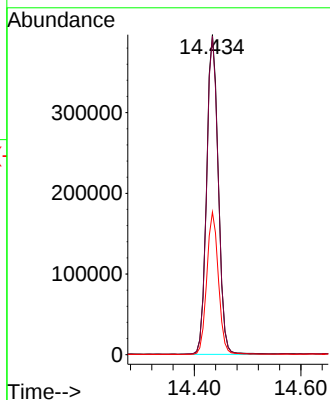
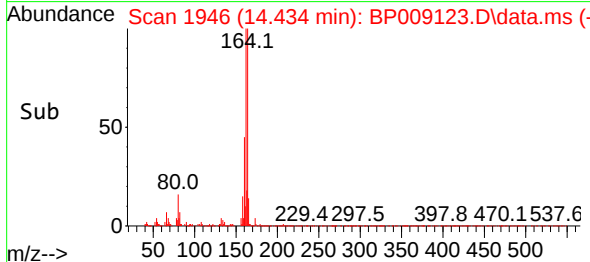
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207



Tgt Ion:164 Resp: 604339
Ion Ratio Lower Upper
164 100
162 99.6 79.9 119.9
160 44.5 35.5 53.3

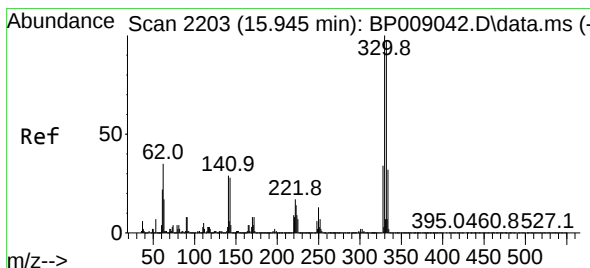
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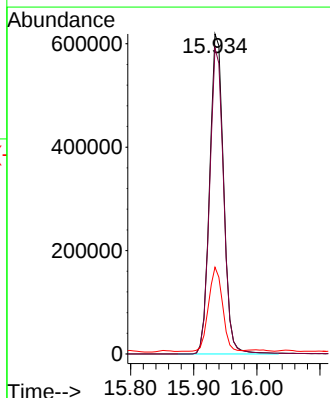
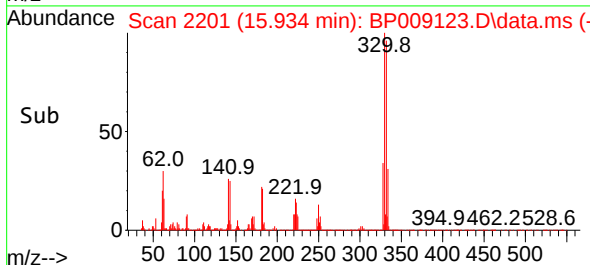
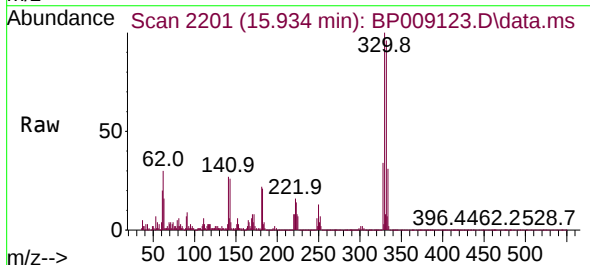
02/14/2022
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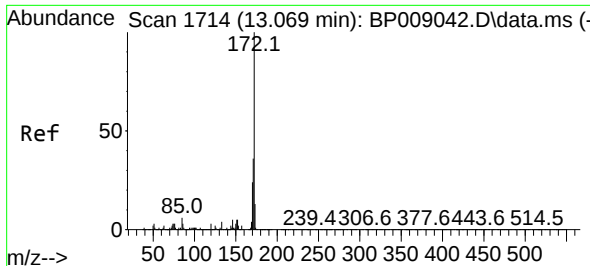
02/15/2022



#42
2,4,6-Tribromophenol
Concen: 117.274 ng
RT: 15.934 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

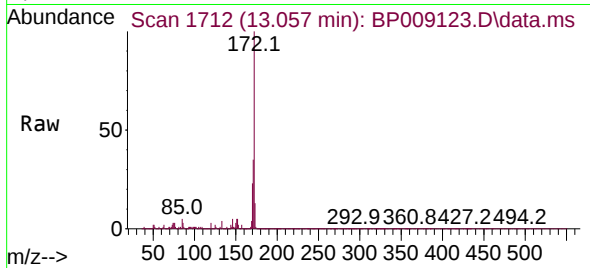
Tgt Ion:330 Resp: 946289
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 26.3 21.3 31.9





#45
2-Fluorobiphenyl
Concen: 65.545 ng
RT: 13.057 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

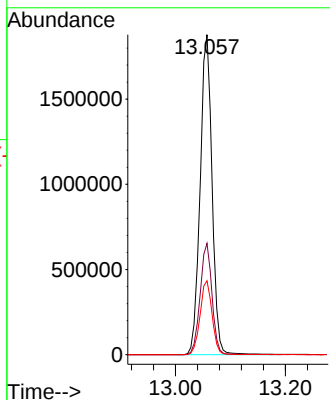
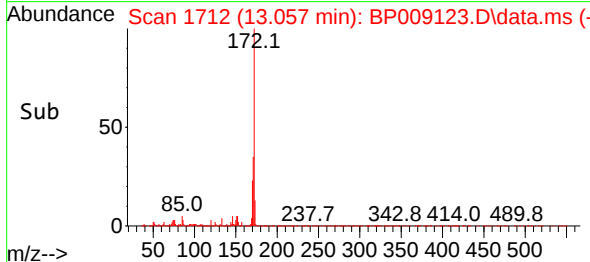
Instrument :
BNA_P
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POST-EX-01-0207



Tgt Ion:172 Resp: 282959
Ion Ratio Lower Upper
172 100
171 34.8 29.3 43.9
170 23.1 19.5 29.3

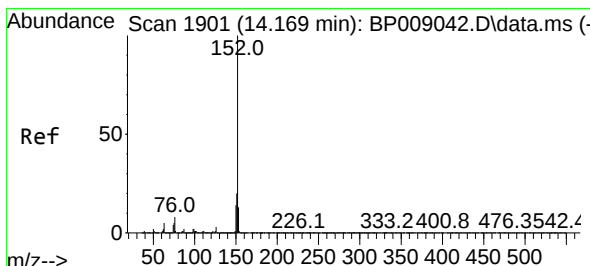
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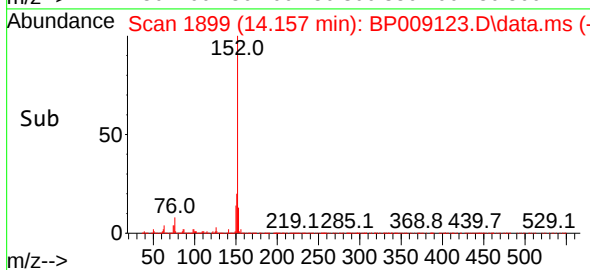
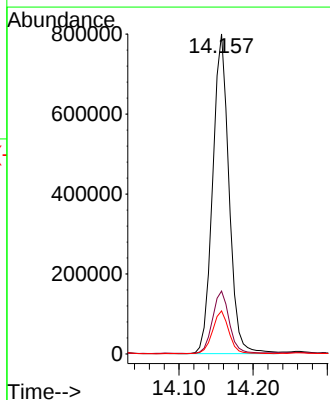
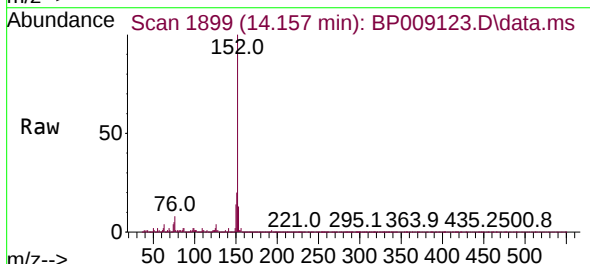
02/14/2022
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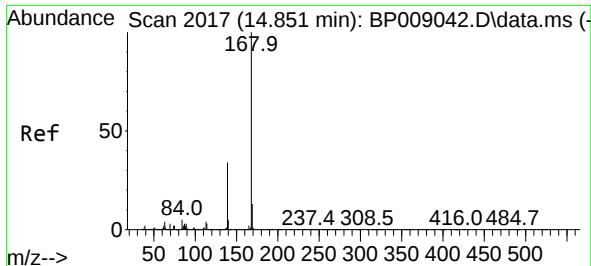
02/15/2022



#49
Acenaphthylene
Concen: 23.005 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:152 Resp: 1223724
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.4 10.6 16.0





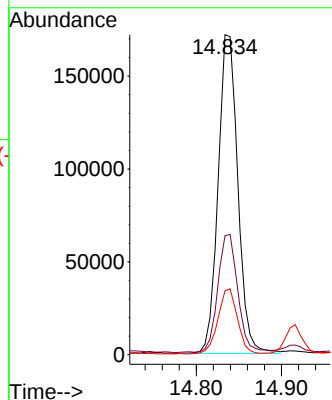
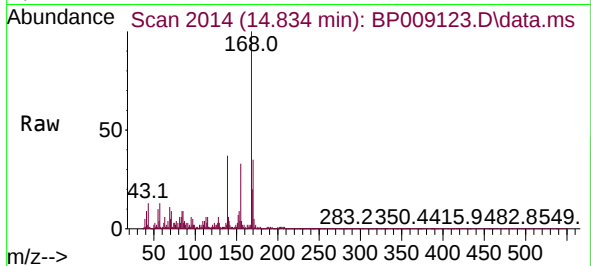
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Dibenzenofuran
Concen: 5.058 ng
RT: 14.834 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

Tgt Ion:168 Resp: 27579
Ion Ratio Lower Upper
168 100
139 37.2 27.4 41.0
169 20.0 10.9 16.3

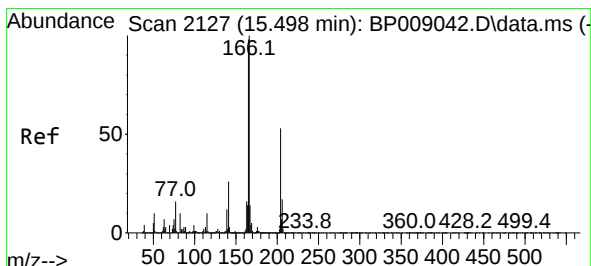
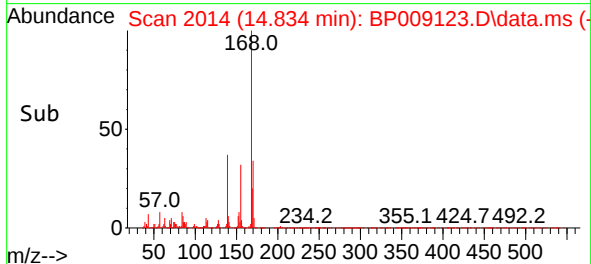
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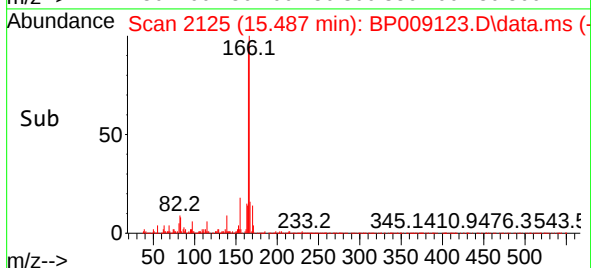
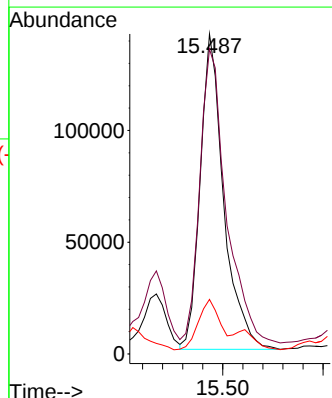
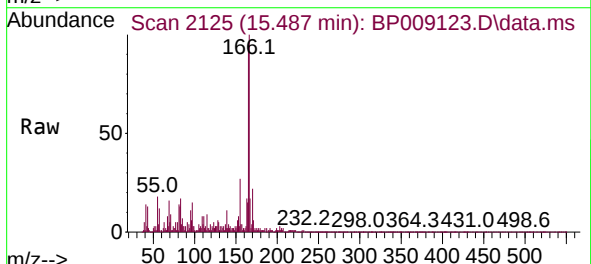
02/14/2022
Supervised By :mohammad
ahmed

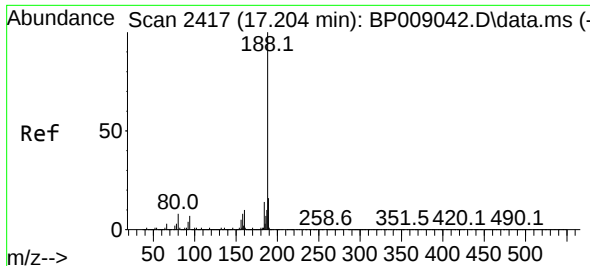
02/15/2022



#58
Fluorene
Concen: 5.487 ng
RT: 15.487 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

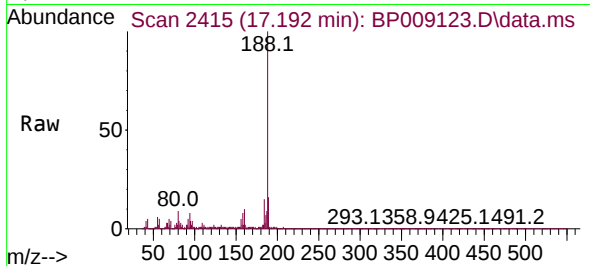
Tgt Ion:166 Resp: 229841
Ion Ratio Lower Upper
166 100
165 95.3 77.2 115.8
167 17.0 11.2 16.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

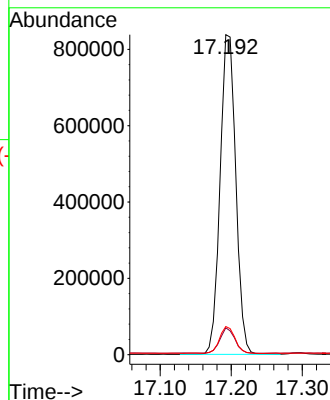
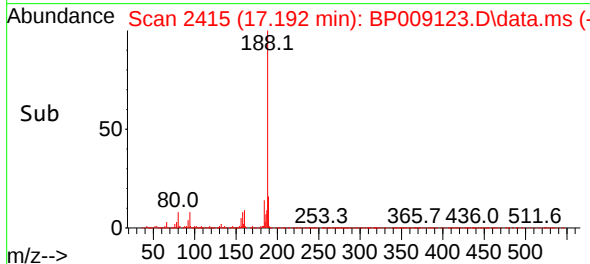
Instrument :
BNA_P
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Tgt Ion:188 Resp: 128049
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 8.8 7.2 10.8

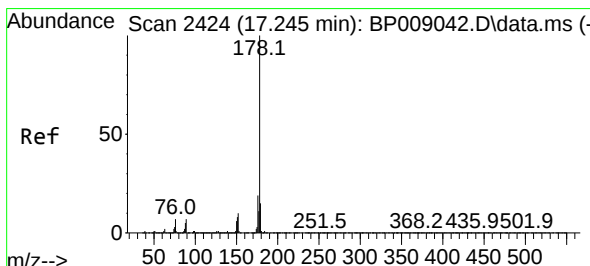
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Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



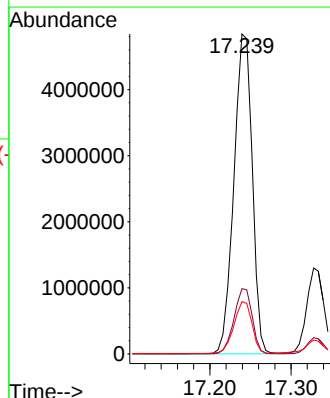
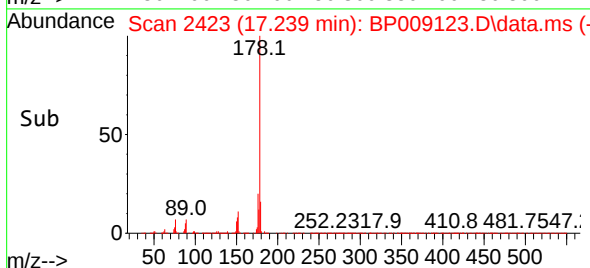
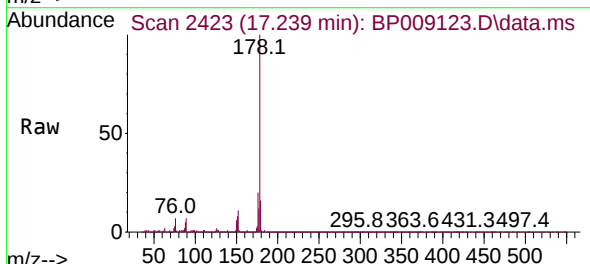
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ahmed

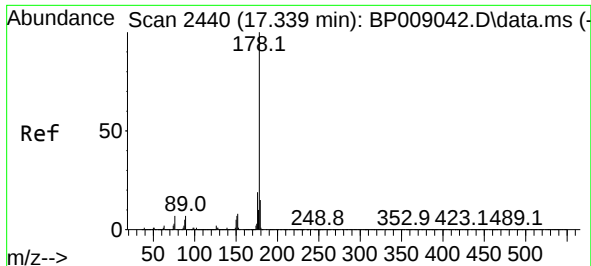
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#71
Phenanthrene
Concen: 109.439 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

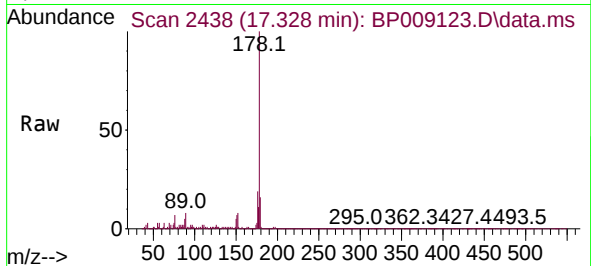
Tgt Ion:178 Resp: 7587957
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 16.3 13.0 19.4





#72
 Anthracene
 Concen: 27.842 ng
 RT: 17.328 min Scan# 2440
 Delta R.T. -0.012 min
 Lab File: BP009123.D
 Acq: 11 Feb 2022 20:44

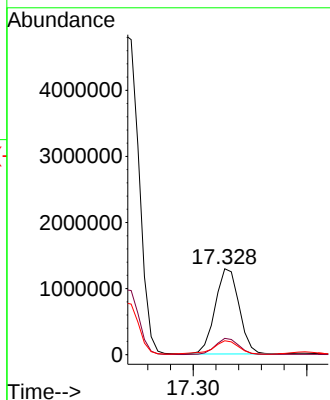
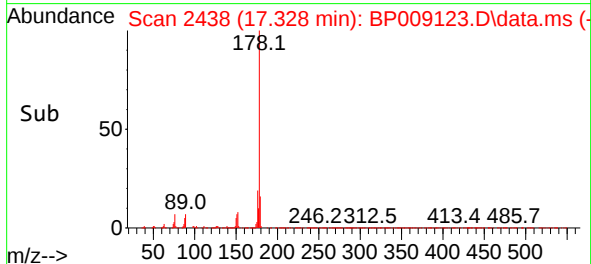
Instrument :
 BNA_P
 ClientSampleId :
 POST-EX-01-0207



Tgt Ion:178 Resp: 188864
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 16.1 12.8 19.2

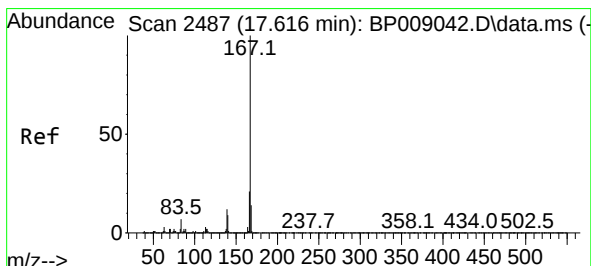
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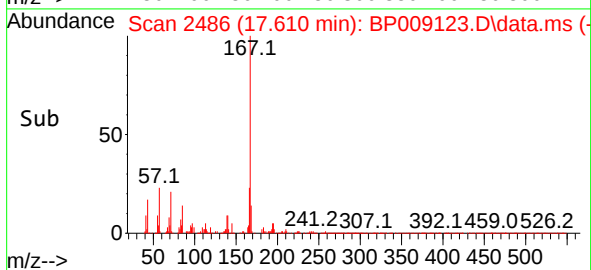
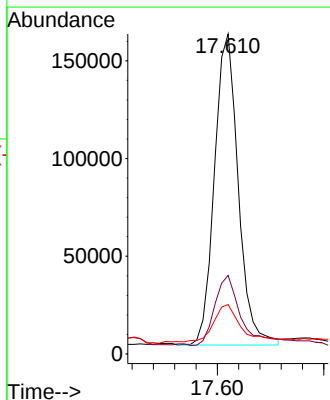
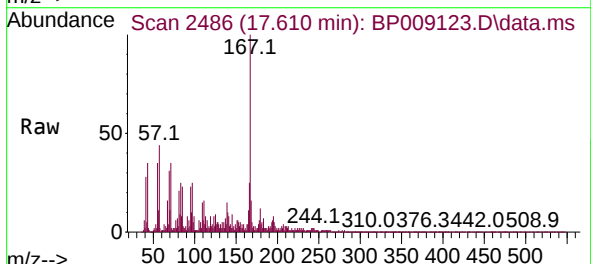
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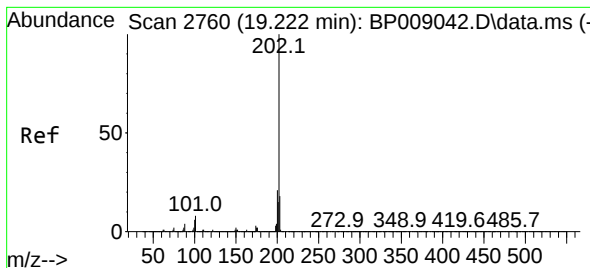
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#73
 Carbazole
 Concen: 3.790 ng
 RT: 17.610 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BP009123.D
 Acq: 11 Feb 2022 20:44

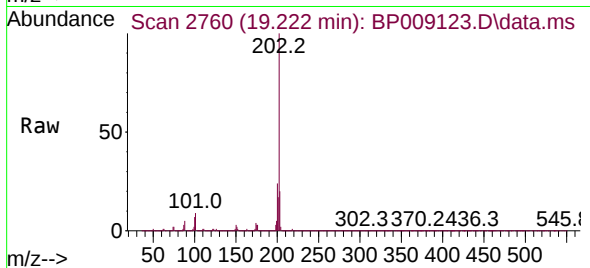
Tgt Ion:167 Resp: 246464
 Ion Ratio Lower Upper
 167 100
 166 24.6 17.7 26.5
 139 15.4 9.8 14.6#





#75
Fluoranthene
Concen: 182.123 ng
RT: 19.222 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

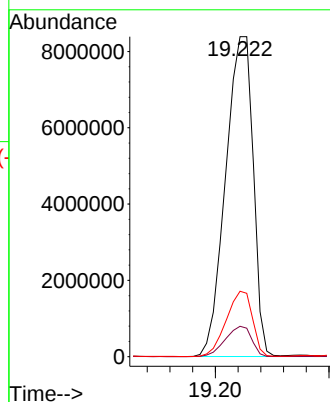
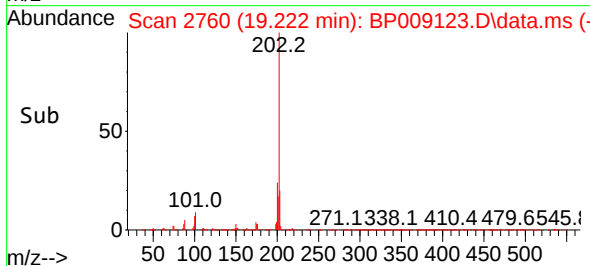
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207



Tgt Ion:202 Resp:14152714
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 20.5 0.0 38.9

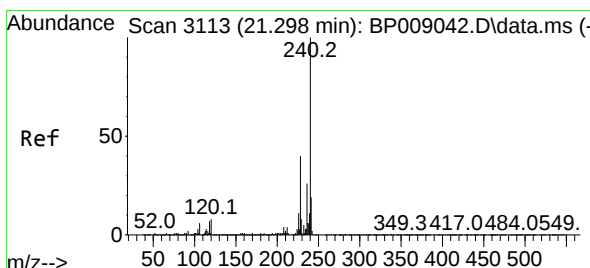
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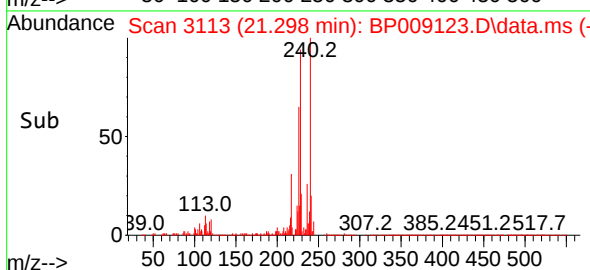
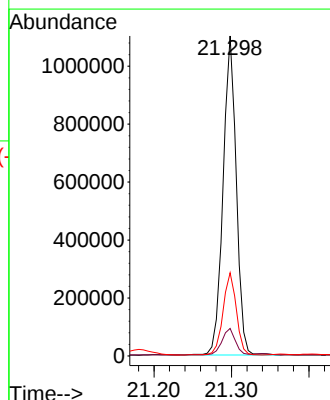
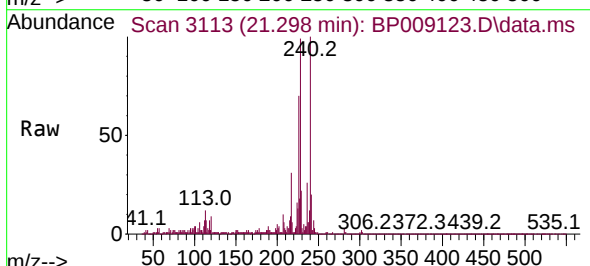
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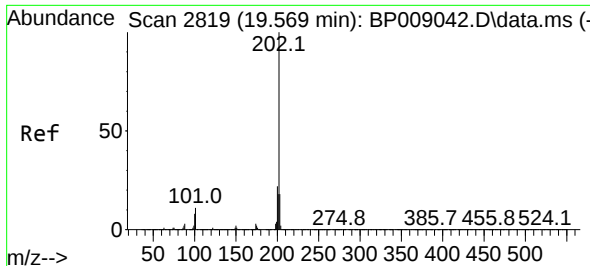
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

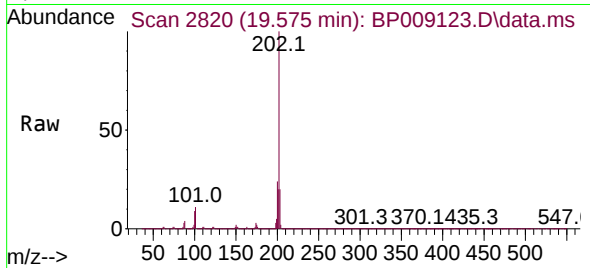
Tgt Ion:240 Resp: 1305759
Ion Ratio Lower Upper
240 100
120 8.6 7.7 11.5
236 26.0 21.2 31.8





#78
Pyrene
Concen: 145.468 ng
RT: 19.575 min Scan# 2819
Delta R.T. 0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

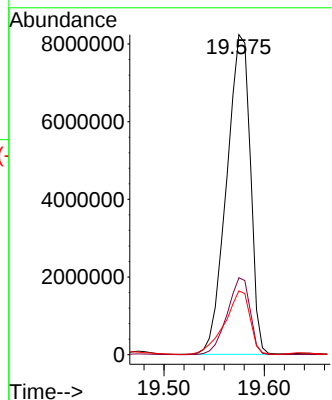
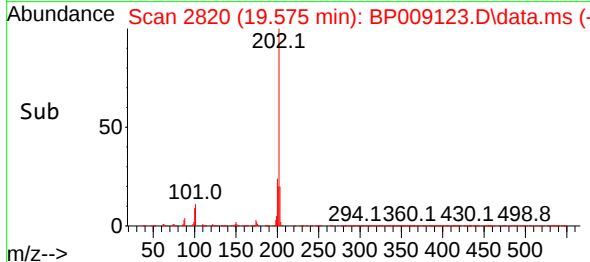
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207



Tgt Ion:202 Resp:13512108
Ion Ratio Lower Upper
202 100
200 24.1 18.0 27.0
203 19.9 15.0 22.6

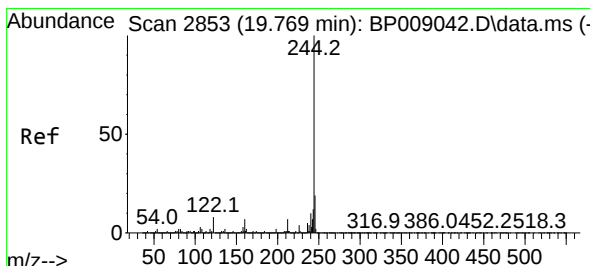
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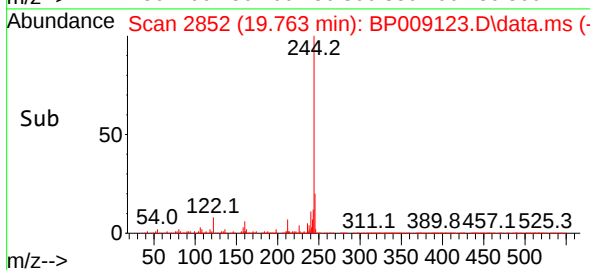
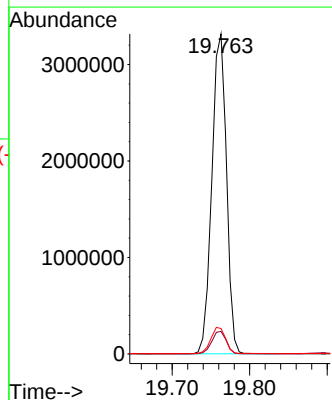
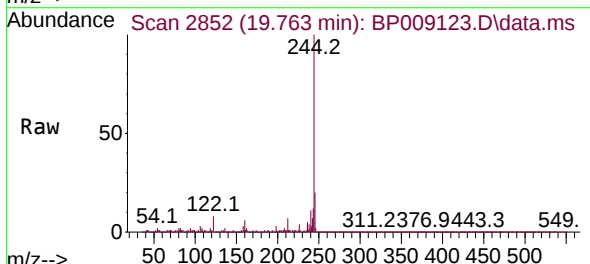
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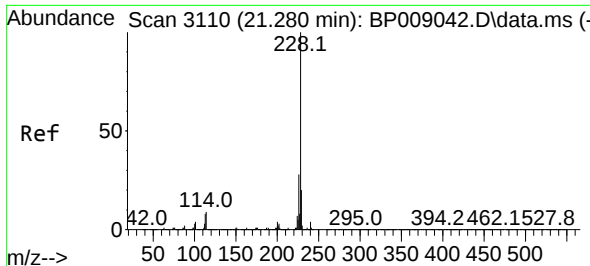
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#79
Terphenyl-d14
Concen: 59.856 ng
RT: 19.763 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

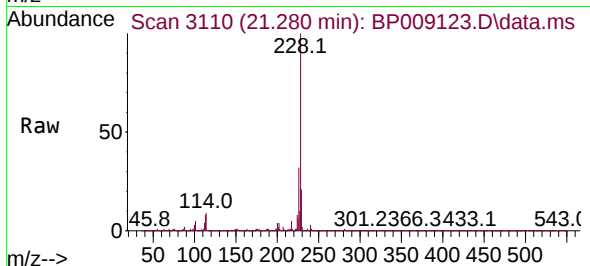
Tgt Ion:244 Resp: 4346087
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 8.0 9.2 13.8#





#81
Benzo(a)anthracene
Concen: 83.235 ng
RT: 21.280 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

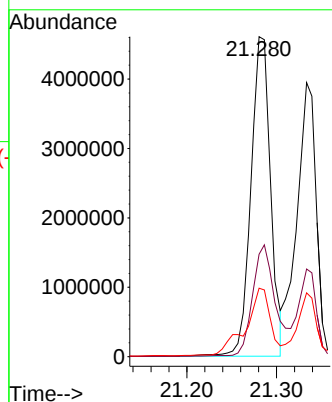
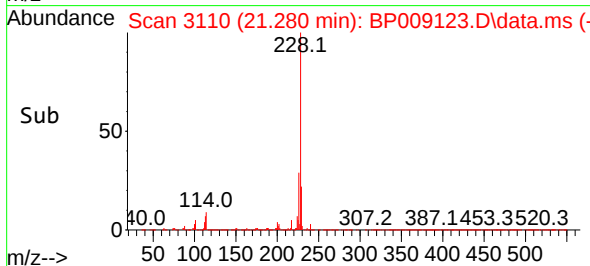
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207



Tgt Ion:228 Resp: 7003914
Ion Ratio Lower Upper
228 100
226 32.0 23.3 34.9
229 21.4 17.0 25.6

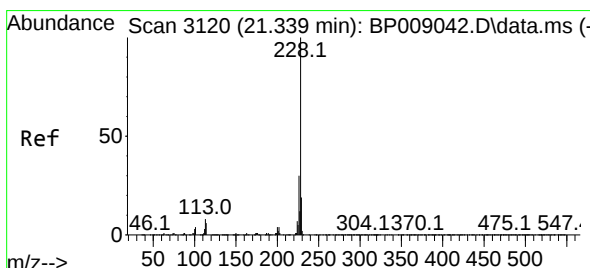
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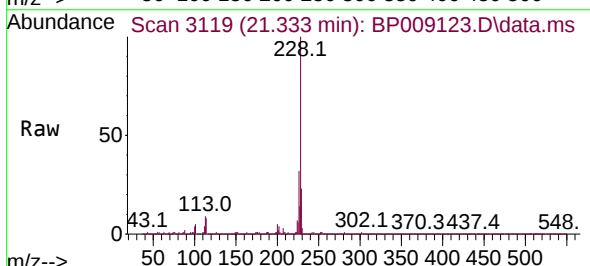


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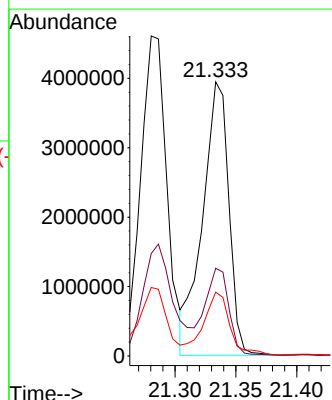
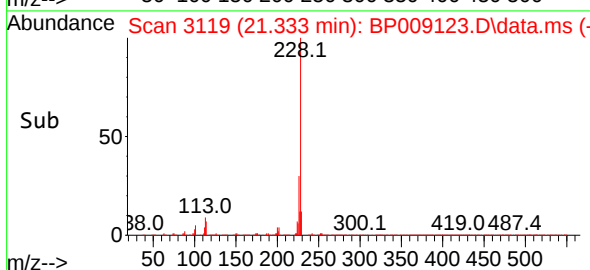
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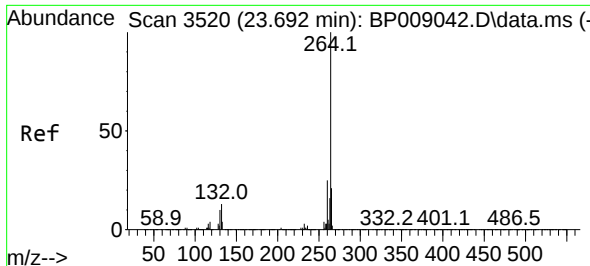


#83
Chrysene
Concen: 72.964 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44



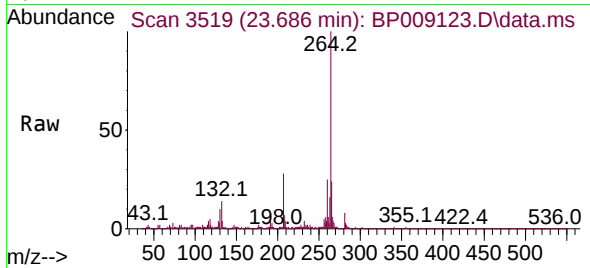
Tgt Ion:228 Resp: 5918699
Ion Ratio Lower Upper
228 100
226 32.0 26.0 39.0
229 23.3 16.9 25.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.686 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

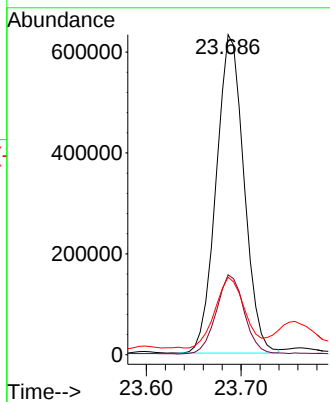
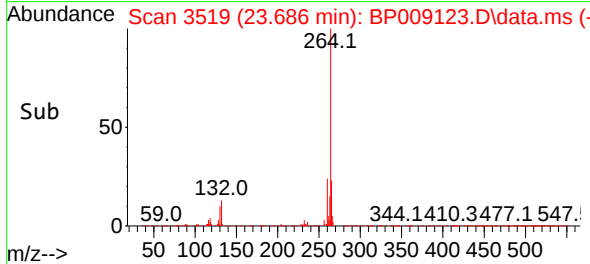
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207



Tgt Ion:264 Resp: 128818
Ion Ratio Lower Upper
264 100
260 25.0 19.1 28.7
265 24.2 17.1 25.7

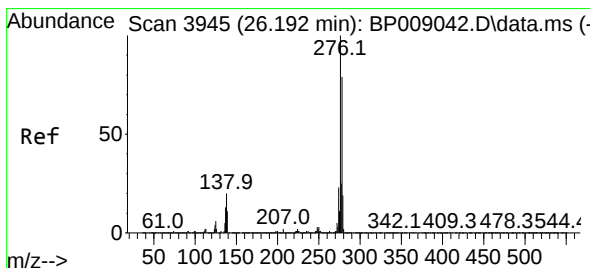
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Supervised By :mohammad ahmed 02/15/2022



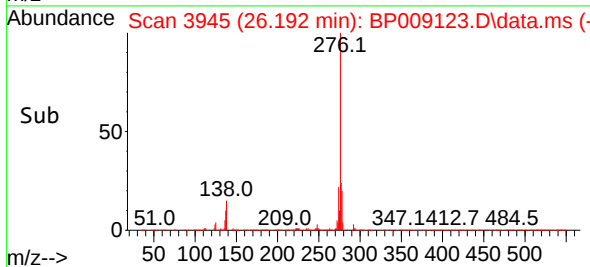
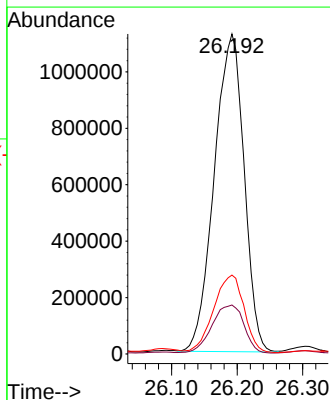
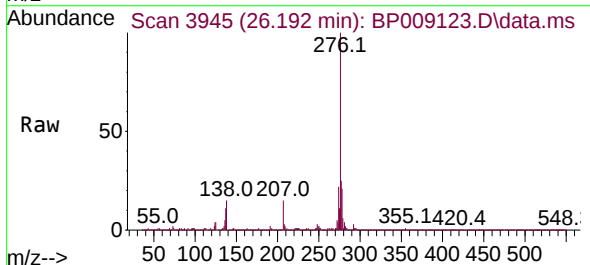
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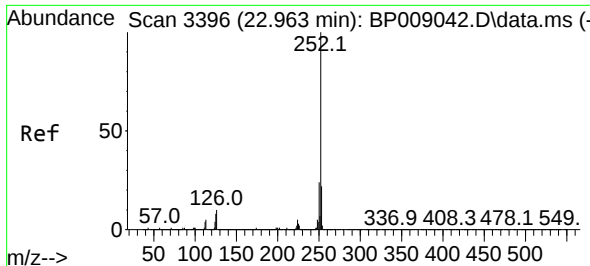
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#87
Indeno(1,2,3-cd)pyrene
Concen: 37.120 ng
RT: 26.192 min Scan# 3945
Delta R.T. 0.000 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

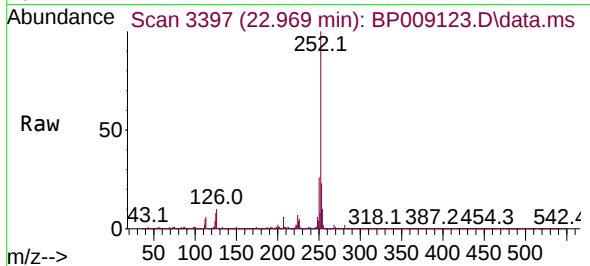
Tgt Ion:276 Resp: 3552912
Ion Ratio Lower Upper
276 100
138 16.2 17.8 26.6#
277 25.0 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 98.420 ng
RT: 22.969 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

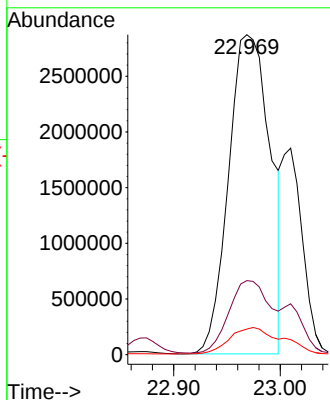
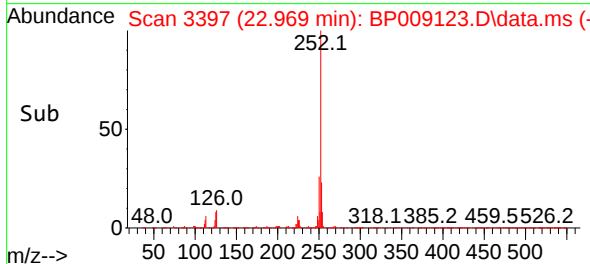
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207



Tgt Ion:252 Resp: 7804910
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 8.0 6.9 10.3

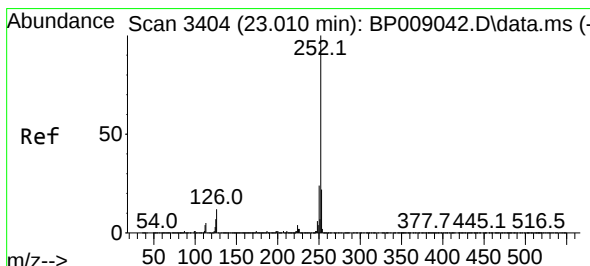
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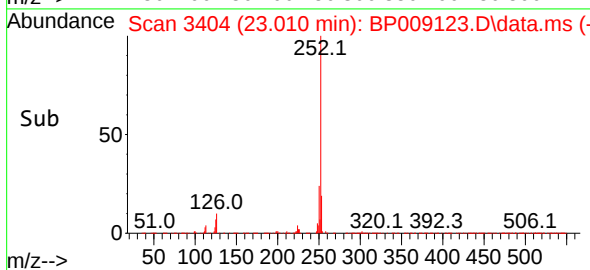
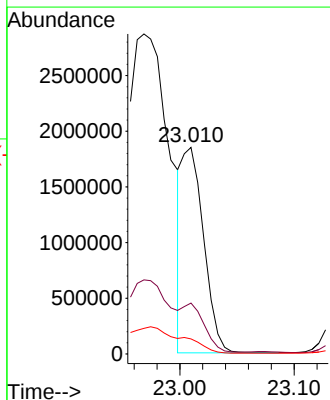
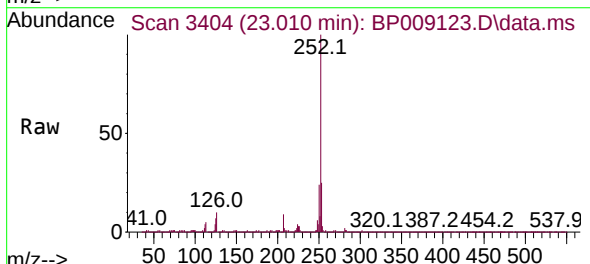
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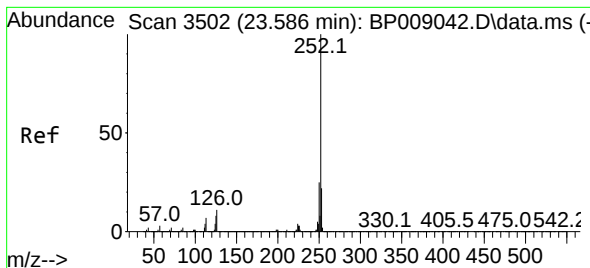
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#89
Benzo(k)fluoranthene
Concen: 30.618 ng m
RT: 23.010 min Scan# 3404
Delta R.T. 0.000 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

Tgt Ion:252 Resp: 2422490
Ion Ratio Lower Upper
252 100
253 24.6 18.2 27.2
125 7.3 7.3 10.9





#90

Benzo(a)pyrene

Concen: 82.182 ng

RT: 23.592 min Scan# 3502

Delta R.T. 0.006 min

Lab File: BP009123.D

Acq: 11 Feb 2022 20:44

Instrument :

BNA_P

ClientSampleId :

POST-EX-01-0207

Tgt Ion:252 Resp: 5433592

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

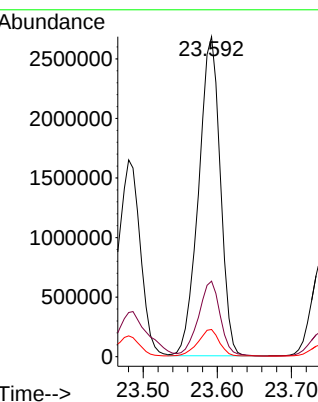
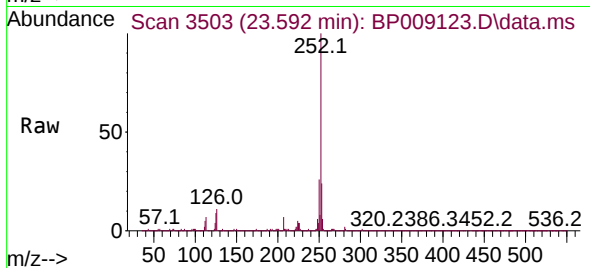
125 8.5 7.8 11.6

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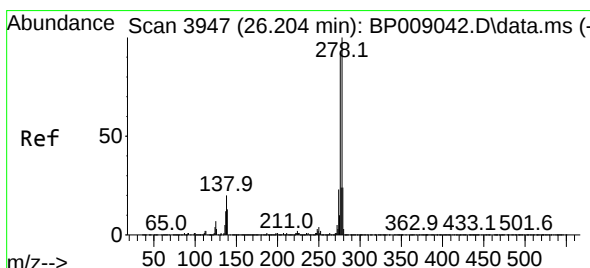
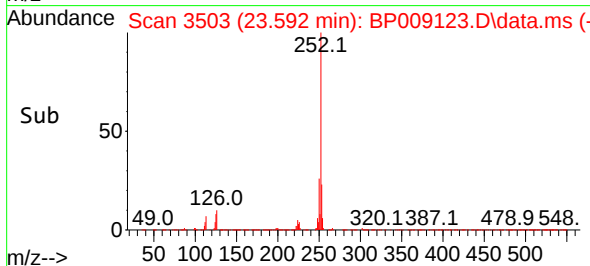
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ahmed

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#91

Dibenzo(a,h)anthracene

Concen: 11.633 ng

RT: 26.192 min Scan# 3945

Delta R.T. -0.012 min

Lab File: BP009123.D

Acq: 11 Feb 2022 20:44

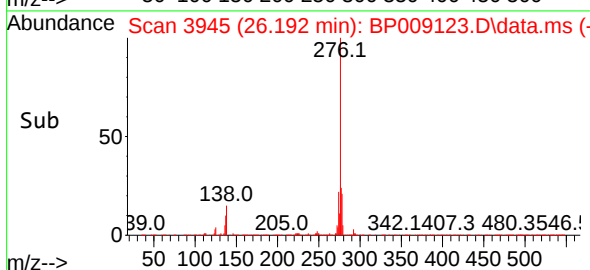
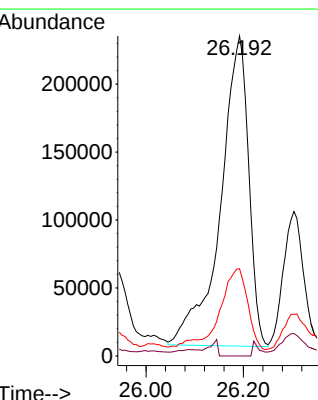
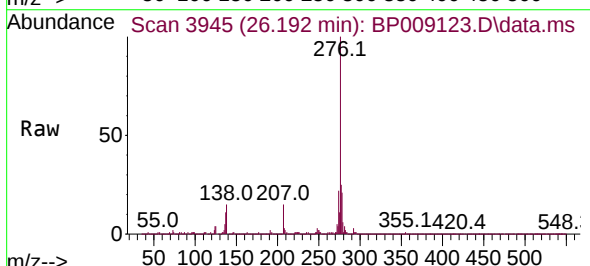
Tgt Ion:278 Resp: 915027

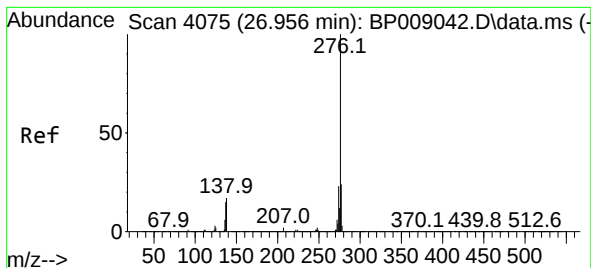
Ion Ratio Lower Upper

278 100

139 0.0 11.5 17.3#

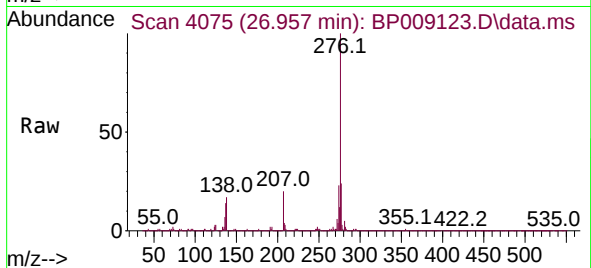
279 27.3 19.1 28.7





#92
Benzo(g,h,i)perylene
Concen: 42.027 ng
RT: 26.957 min Scan# 4075
Delta R.T. 0.000 min
Lab File: BP009123.D
Acq: 11 Feb 2022 20:44

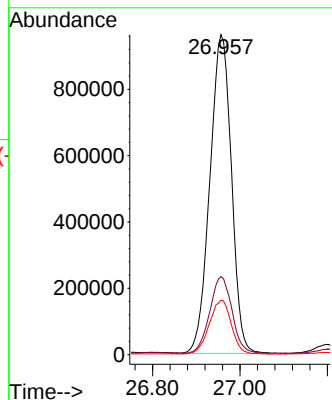
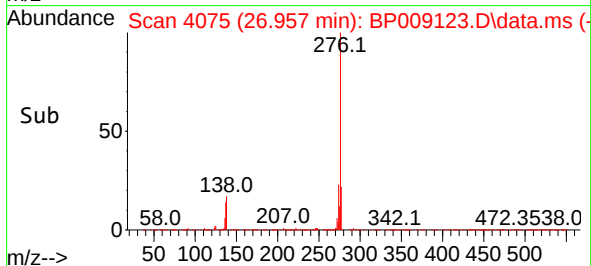
Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207



Tgt Ion:276 Resp: 3291370
Ion Ratio Lower Upper
276 100
277 24.4 19.2 28.8
138 17.1 15.0 22.4

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Supervised By :mohammad ahmed 02/15/2022



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ahmed

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