

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008068.D
 Acq On : 20 Nov 2021 21:05
 Operator : CG/JU
 Sample : M4695-04DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 289DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 22 05:34:35 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	127315	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	493565	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	330838	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	792839	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	822025	20.000	ng	-0.01
86) Perylene-d12	23.704	264	857358	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	151042	20.278	ng	0.00
7) Phenol-d6	6.999	99	202701	19.632	ng	-0.01
23) Nitrobenzene-d5	8.981	82	129189	11.874	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	81670	19.506	ng	-0.01
45) 2-Fluorobiphenyl	13.081	172	206929	9.794	ng	-0.01
79) Terphenyl-d14	19.780	244	391407	9.361	ng	-0.02
Target Compounds						Qvalue
52) Acenaphthene	14.522	154	237394	13.318	ng	96
58) Fluorene	15.510	166	140617	3.729	ng	96
71) Phenanthrene	17.257	178	666576	15.604	ng	99
72) Anthracene	17.351	178	100802	2.383	ng	97
75) Fluoranthene	19.233	202	2052961	37.286	ng	99
78) Pyrene	19.586	202	1535763	27.512	ng	100
81) Benzo(a)anthracene	21.298	228	434201	7.876	ng	100
83) Chrysene	21.345	228	305111	5.832	ng	98
88) Benzo(b)fluoranthene	22.974	252	269442	5.026	ng	# 94
89) Benzo(k)fluoranthene	23.021	252	111770m	2.096	ng	
90) Benzo(a)pyrene	23.592	252	152618	3.397	ng	97

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

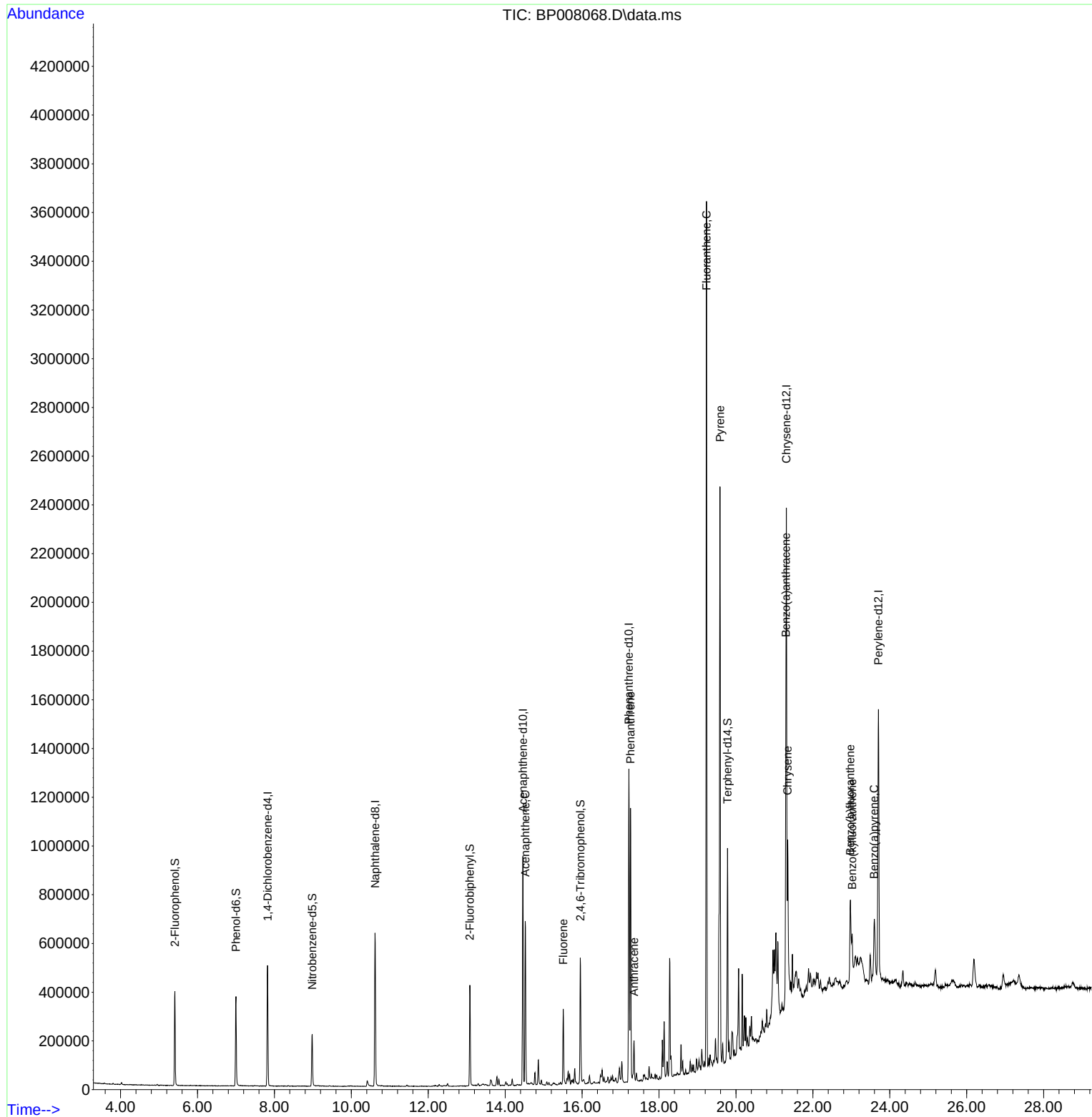
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
Data File : BP008068.D
Acq On : 20 Nov 2021 21:05
Operator : CG/JU
Sample : M4695-04DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

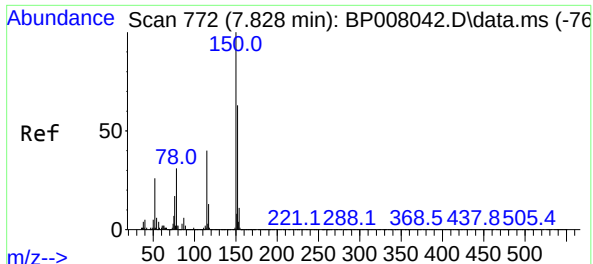
Instrument :
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289DL

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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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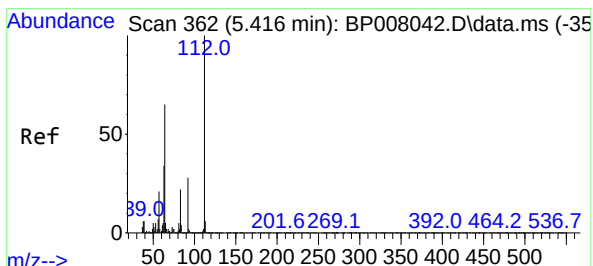
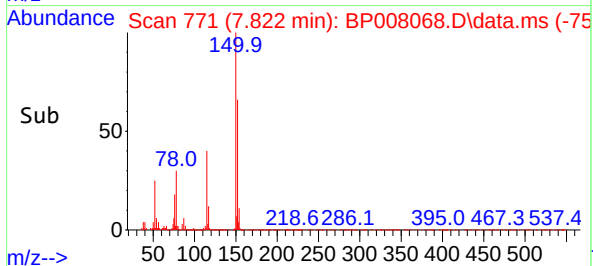
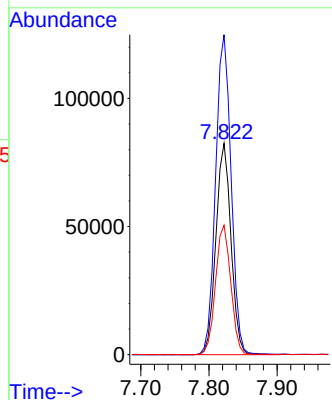
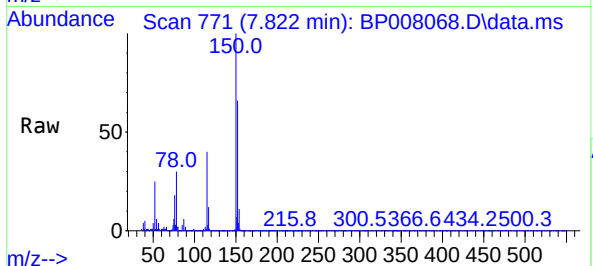
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

Instrument :
BNA_P
ClientSampleId :
289DL

Tgt Ion:152 Resp: 12731
Ion Ratio Lower Upper
152 100
150 151.4 126.5 189.7
115 61.3 50.6 75.8

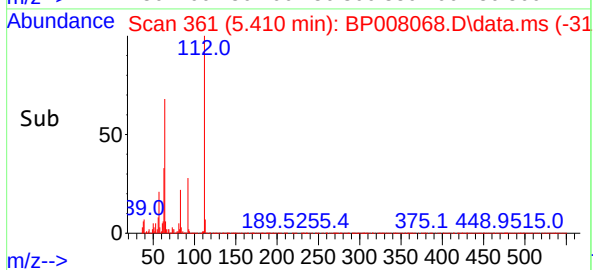
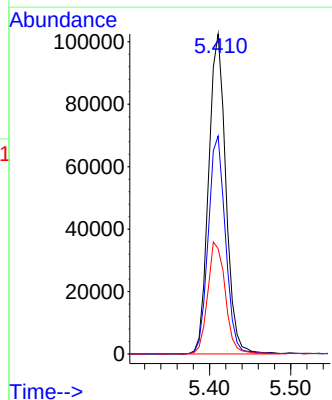
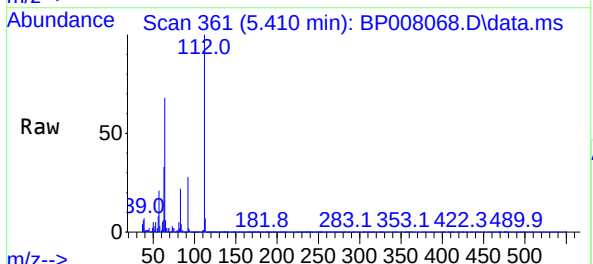
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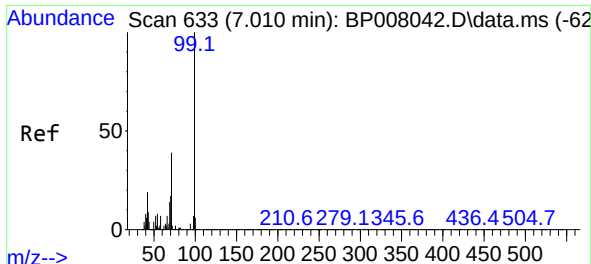
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#5
2-Fluorophenol
Concen: 20.278 ng
RT: 5.410 min Scan# 361
Delta R.T. -0.006 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

Tgt Ion:112 Resp: 151042
Ion Ratio Lower Upper
112 100
64 68.1 51.7 77.5
63 32.9 27.4 41.0





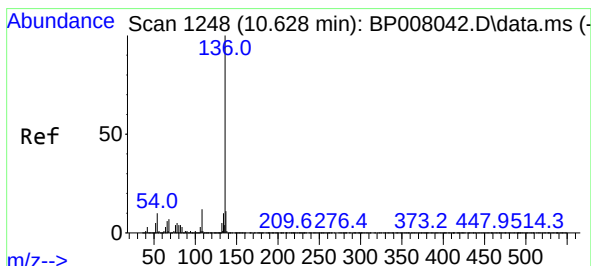
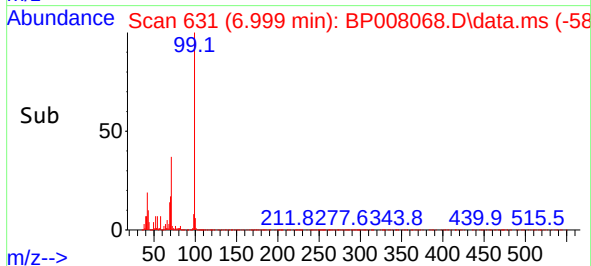
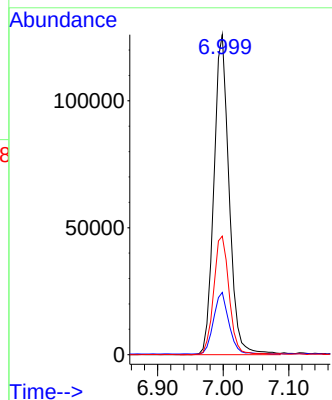
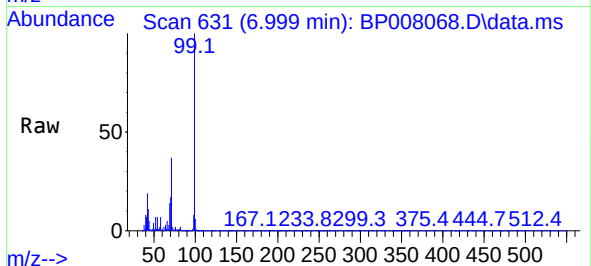
#7
Phenol-d6
Concen: 19.632 ng
RT: 6.999 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

Instrument :
BNA_P
ClientSampleId :
289DL

Tgt Ion: 99 Resp: 20270
Ion Ratio Lower Upper
99 100
42 19.4 15.4 23.2
71 37.0 31.0 46.6

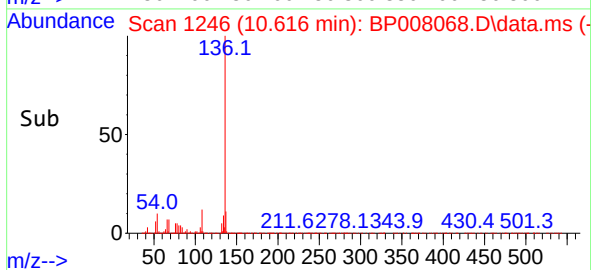
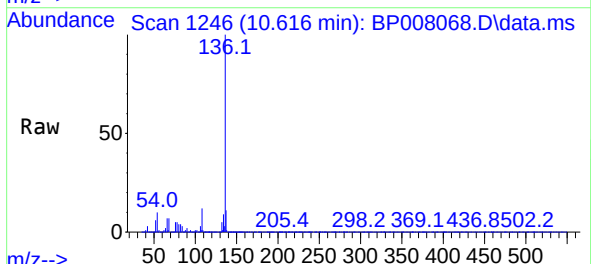
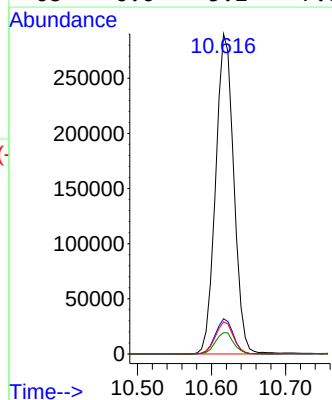
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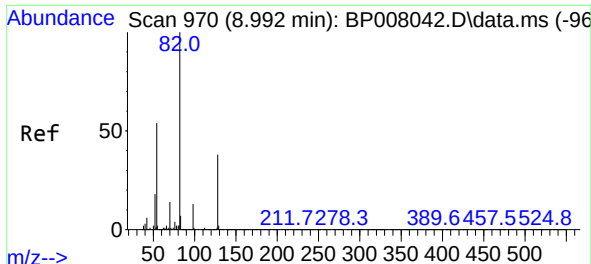
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Supervised By :mohammad ahmed 11/24/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1246
Delta R.T. -0.012 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

Tgt Ion:136 Resp: 493565
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 10.1 8.0 12.0
68 6.6 5.2 7.8





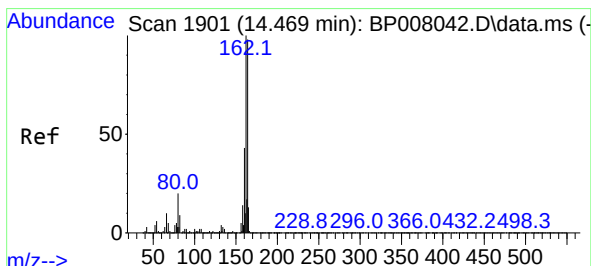
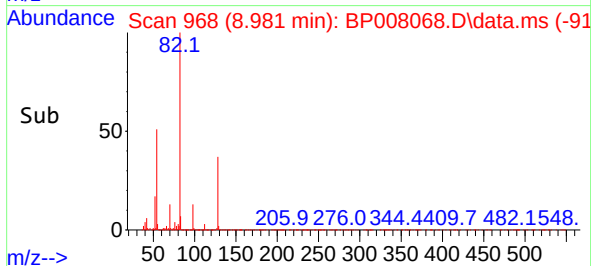
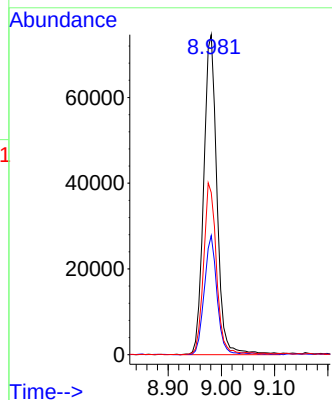
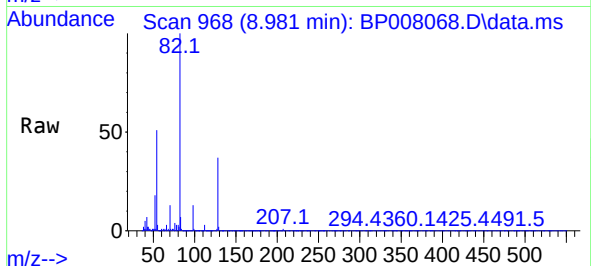
#23
Nitrobenzene-d5
Concen: 11.874 ng
RT: 8.981 min Scan# 90
Delta R.T. -0.011 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

Instrument :
BNA_P
ClientSampleId :
289DL

Tgt Ion: 82 Resp: 129189
Ion Ratio Lower Upper
82 100
128 37.2 30.2 45.2
54 50.6 43.1 64.7

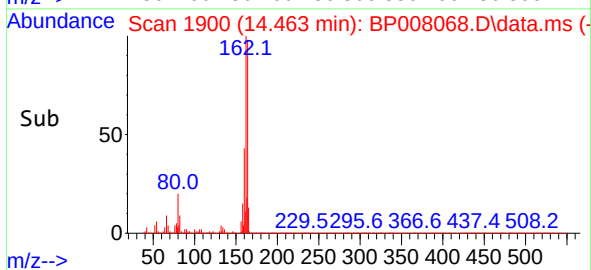
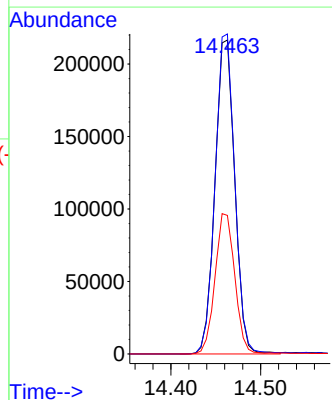
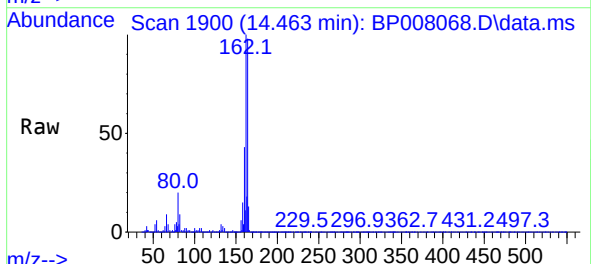
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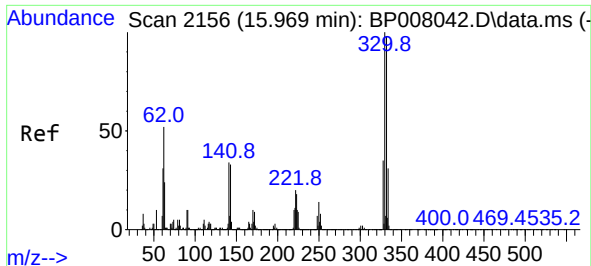
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Supervised By :mohammad ahmed 11/24/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

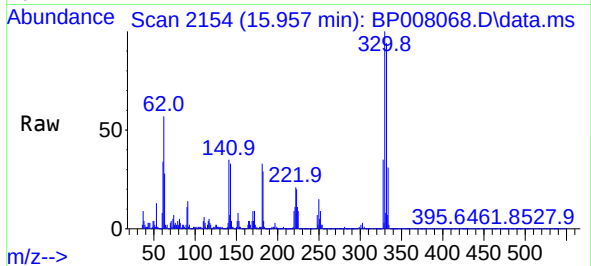
Tgt Ion:164 Resp: 330838
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.8
160 44.2 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 19.506 ng
RT: 15.957 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

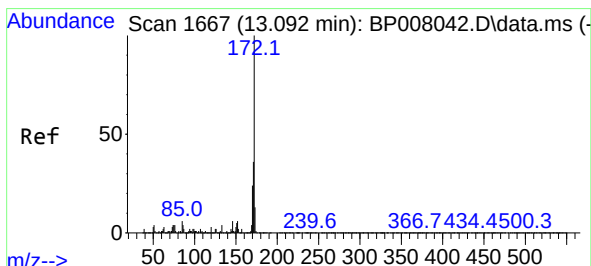
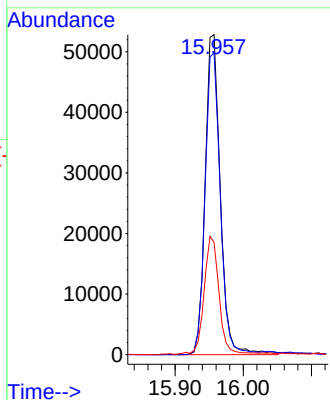
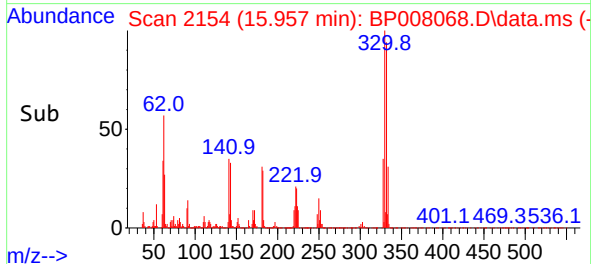
Instrument :
BNA_P
ClientSampleId :
289DL



Tgt Ion: 330 Resp: 81670
Ion Ratio Lower Upper
330 100
332 94.5 78.0 117.0
141 36.4 29.6 44.4

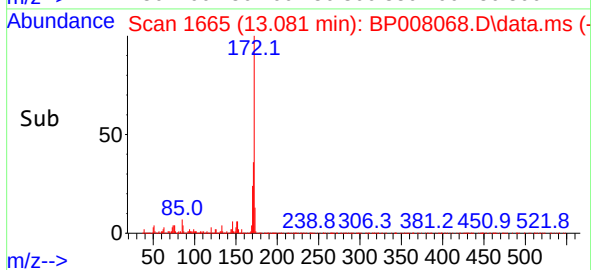
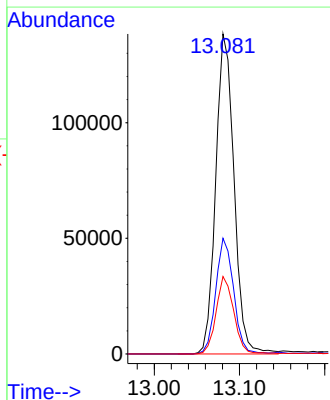
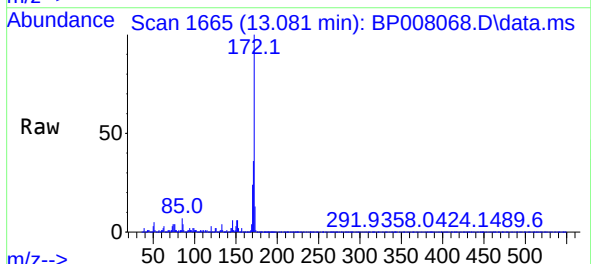
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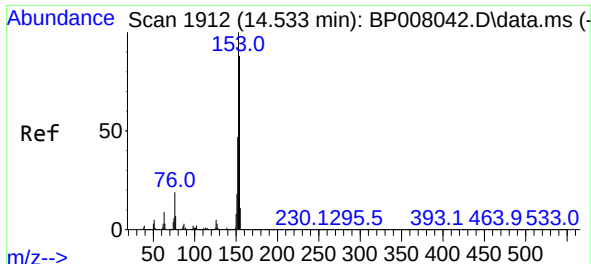
Reviewed By : Jagrut Upadhyay 11/22/2021
Supervised By : mohammad ahmed 11/24/2021



#45
2-Fluorobiphenyl
Concen: 9.794 ng
RT: 13.081 min Scan# 1665
Delta R.T. -0.011 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

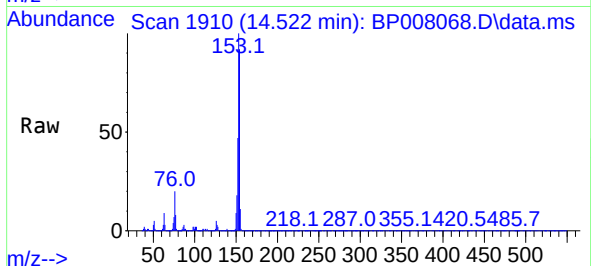
Tgt Ion: 172 Resp: 206929
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.2 19.0 28.4





#52
Acenaphthene
Concen: 13.318 ng
RT: 14.522 min Scan# 1912
Delta R.T. -0.011 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

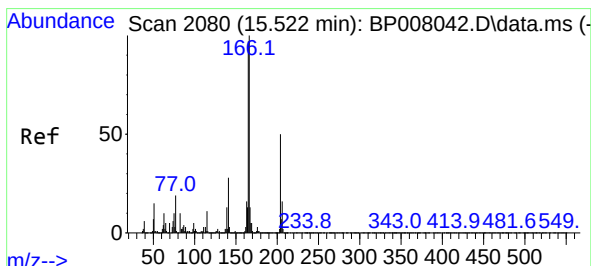
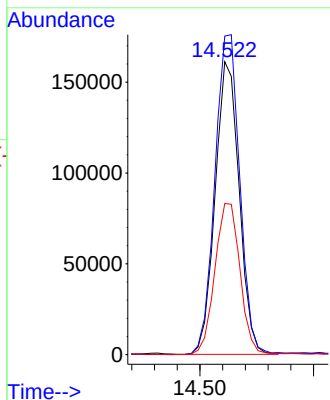
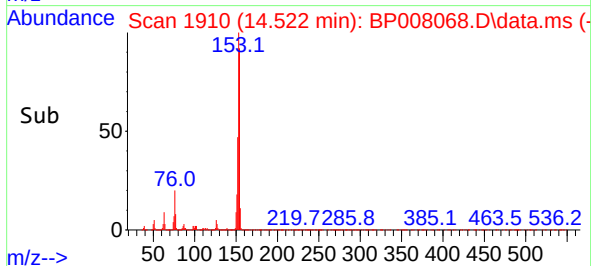
Instrument :
BNA_P
ClientSampleId :
289DL



Tgt Ion:154 Resp: 237394
Ion Ratio Lower Upper
154 100
153 108.8 91.1 136.7
152 51.6 42.6 64.0

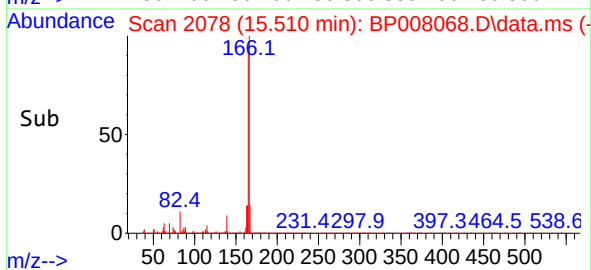
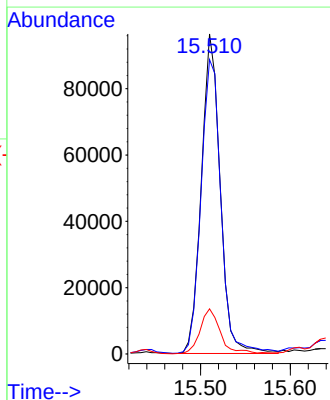
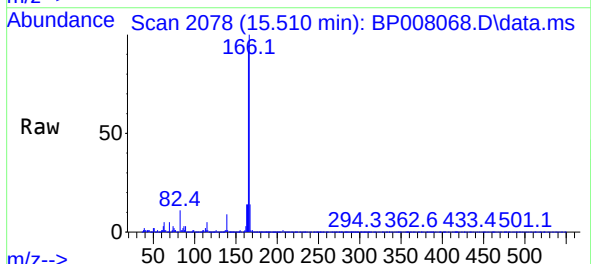
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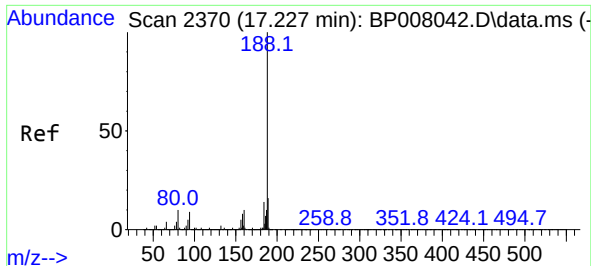
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#58
Fluorene
Concen: 3.729 ng
RT: 15.510 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

Tgt Ion:166 Resp: 140617
Ion Ratio Lower Upper
166 100
165 92.0 77.4 116.0
167 14.1 10.7 16.1





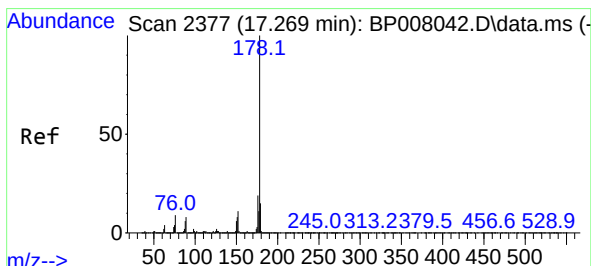
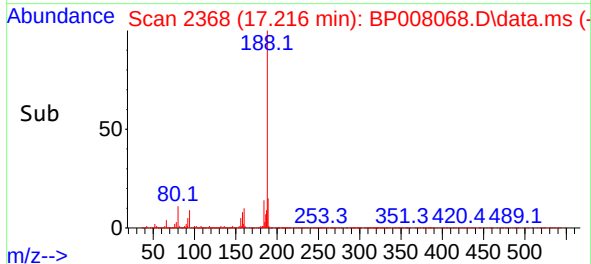
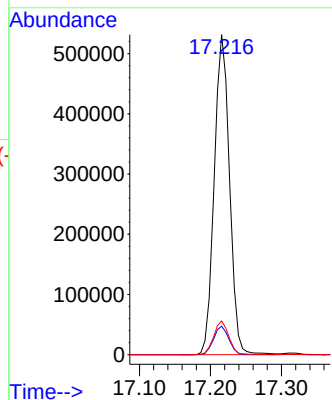
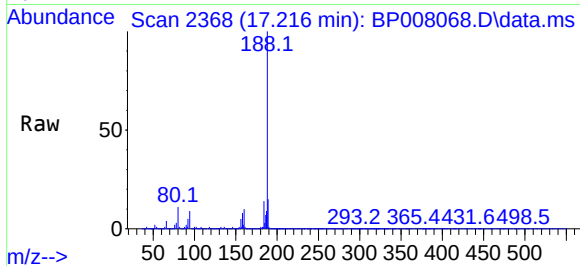
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Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

Instrument :
BNA_P
ClientSampleId :
289DL

Tgt Ion:188 Resp: 792839
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 10.5 8.1 12.1

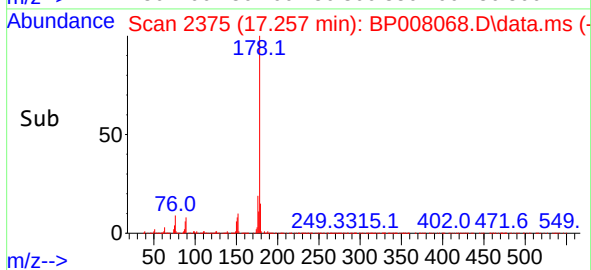
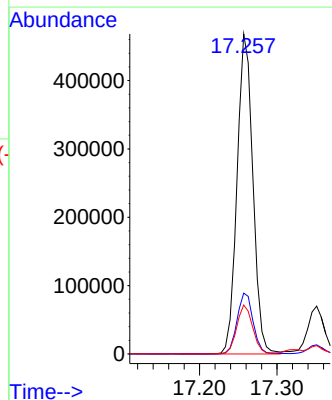
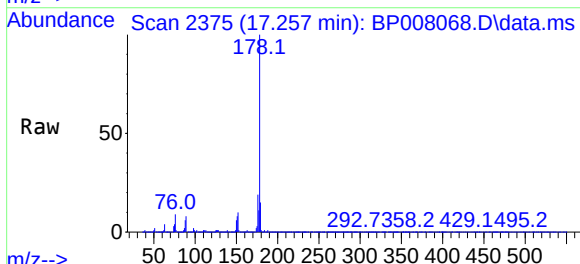
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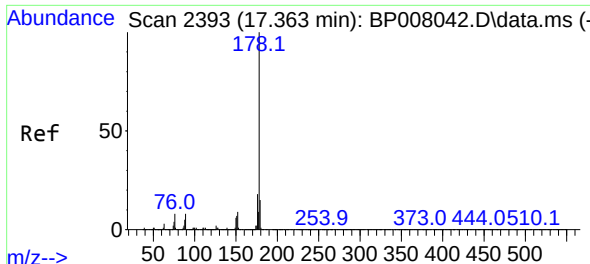
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#71
Phenanthrene
Concen: 15.604 ng
RT: 17.257 min Scan# 2375
Delta R.T. -0.012 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

Tgt Ion:178 Resp: 666576
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.3 12.4 18.6





#72
 Anthracene
 Concen: 2.383 ng
 RT: 17.351 min Scan# 2111
 Delta R.T. -0.012 min
 Lab File: BP008068.D
 Acq: 20 Nov 2021 21:05

Instrument :

BNA_P

ClientSampleId :

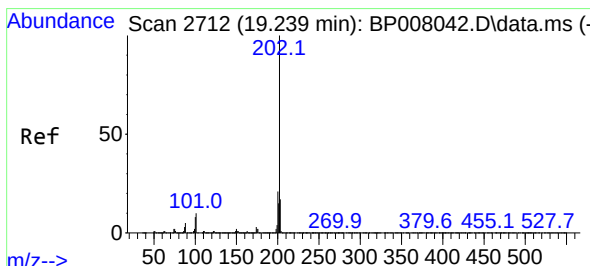
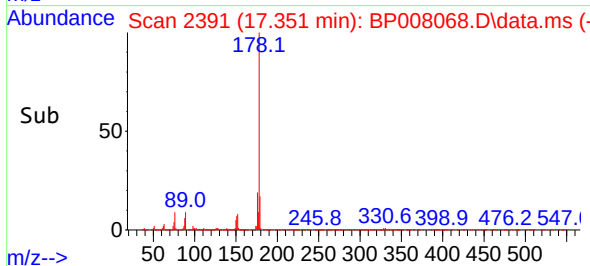
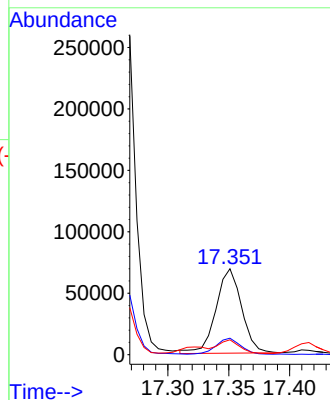
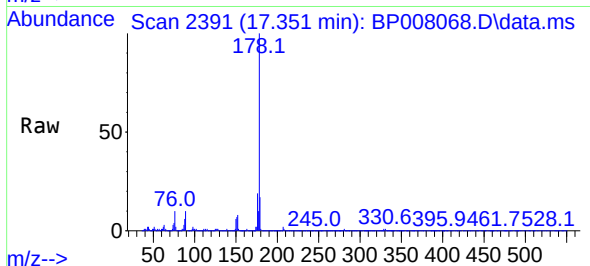
289DL

Tgt Ion:178 Resp: 100802
 Ion Ratio Lower Upper
 178 100
 176 19.1 14.7 22.1
 179 17.3 12.2 18.4

Manual Integrations

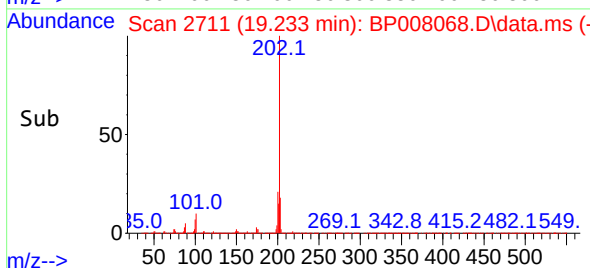
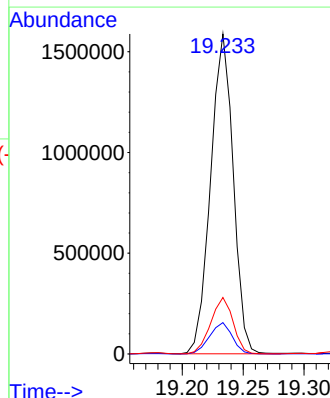
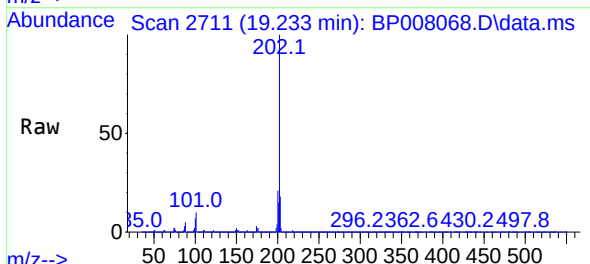
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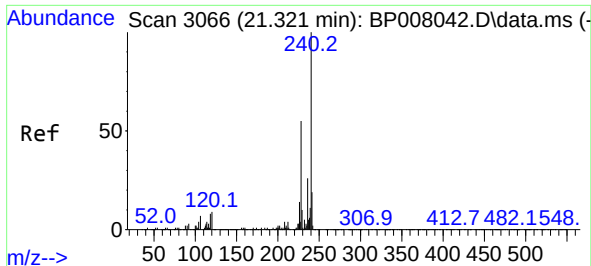
Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021



#75
 Fluoranthene
 Concen: 37.286 ng
 RT: 19.233 min Scan# 2711
 Delta R.T. -0.006 min
 Lab File: BP008068.D
 Acq: 20 Nov 2021 21:05

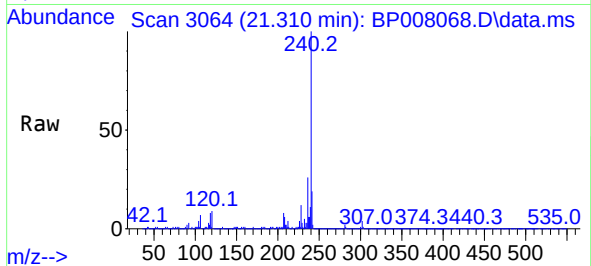
Tgt Ion:202 Resp: 2052961
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 29.5
 203 17.7 0.0 37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3066
Delta R.T. -0.011 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

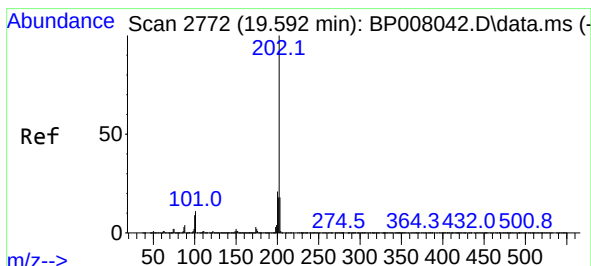
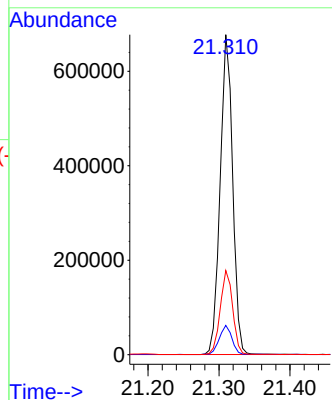
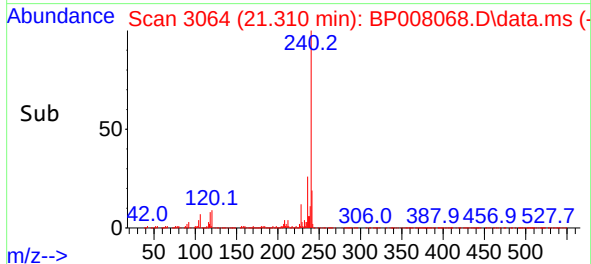
Instrument :
BNA_P
ClientSampleId :
289DL



Tgt Ion:240 Resp: 822025
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.2
236 26.3 21.0 31.4

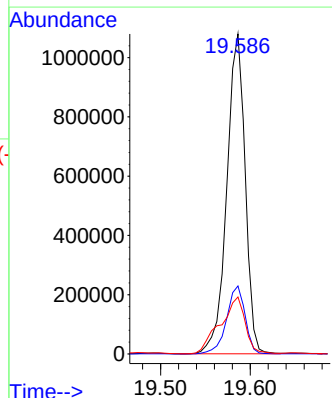
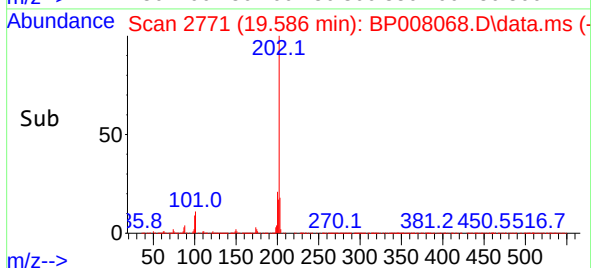
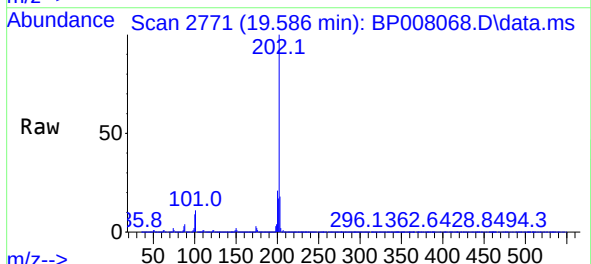
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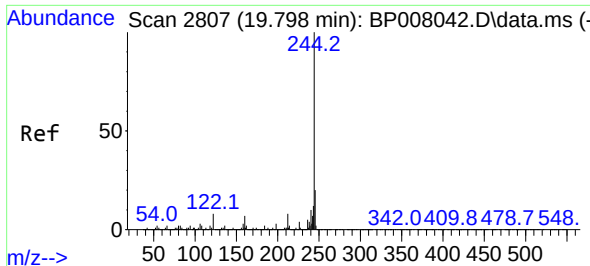
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#78
Pyrene
Concen: 27.512 ng
RT: 19.586 min Scan# 2771
Delta R.T. -0.006 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

Tgt Ion:202 Resp: 1535763
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.8 14.2 21.2





#79
Terphenyl-d14
Concen: 9.361 ng
RT: 19.780 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

Instrument :

BNA_P

ClientSampleId :

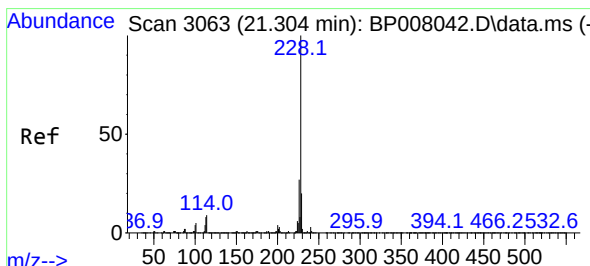
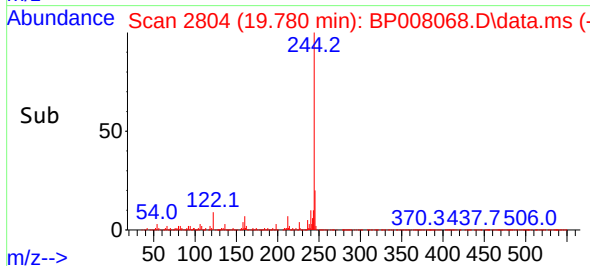
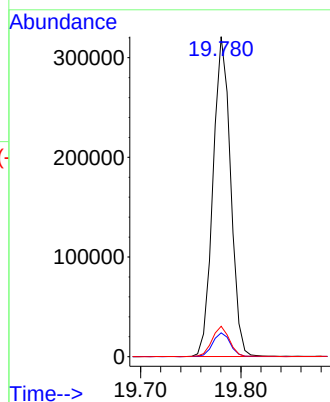
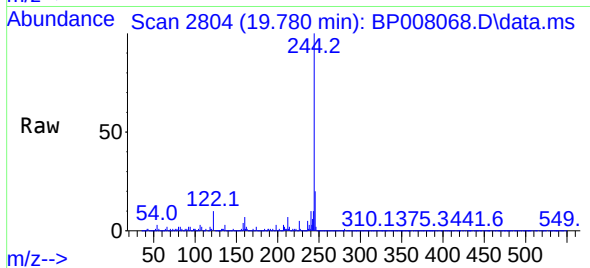
289DL

Tgt Ion:244 Resp: 39140
Ion Ratio Lower Upper
244 100
212 7.5 6.3 9.5
122 9.5 6.1 9.1

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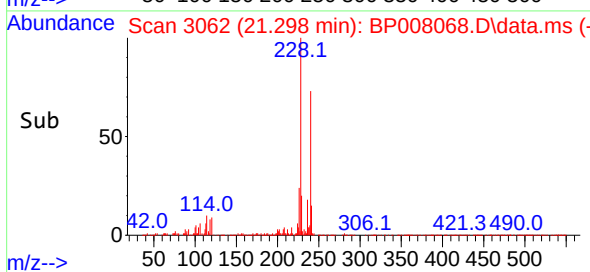
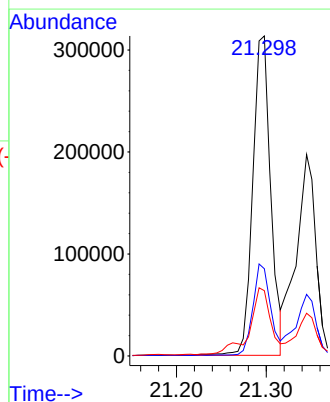
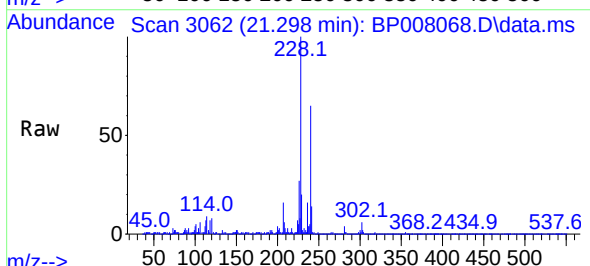
APPROVED

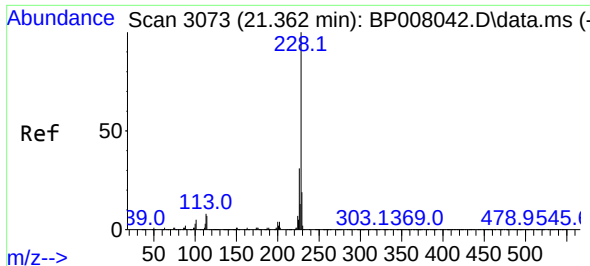
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#81
Benzo(a)anthracene
Concen: 7.876 ng
RT: 21.298 min Scan# 3062
Delta R.T. -0.006 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

Tgt Ion:228 Resp: 434201
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.6
229 20.4 16.1 24.1





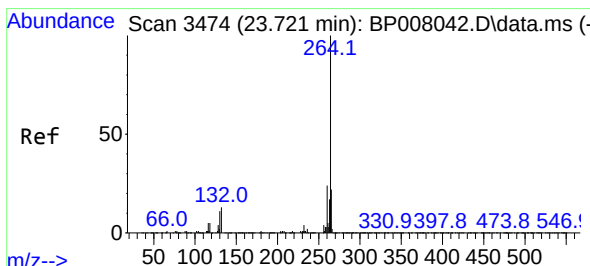
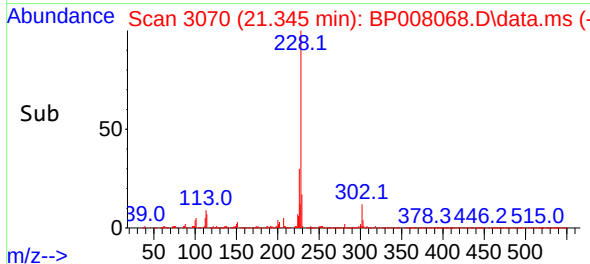
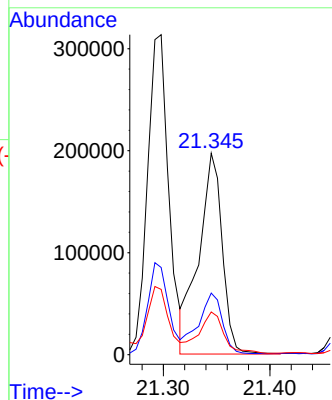
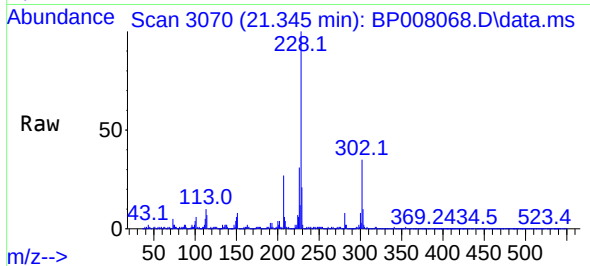
#83
Chrysene
Concen: 5.832 ng
RT: 21.345 min Scan# 3073
Delta R.T. -0.017 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

Instrument :
BNA_P
ClientSampleId :
289DL

Tgt Ion:228 Resp: 30511
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 21.3 15.5 23.3

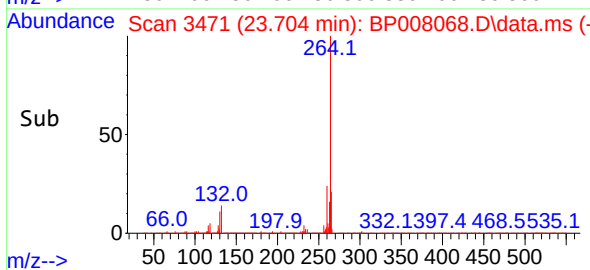
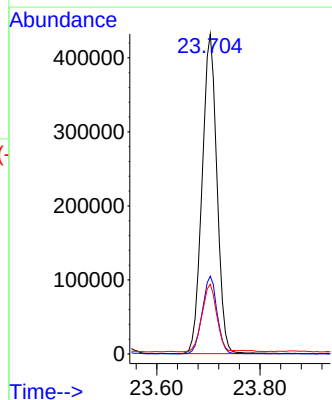
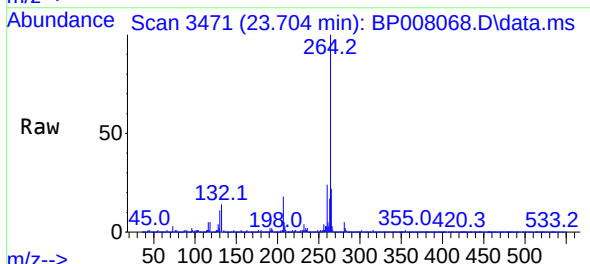
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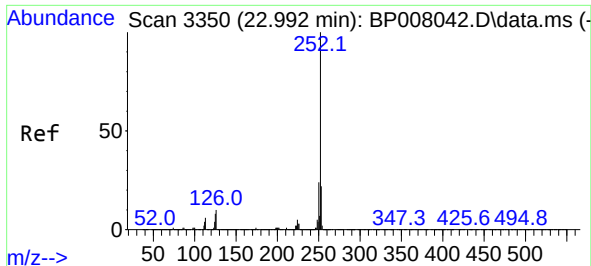
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3471
Delta R.T. -0.017 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

Tgt Ion:264 Resp: 857358
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 21.8 17.7 26.5





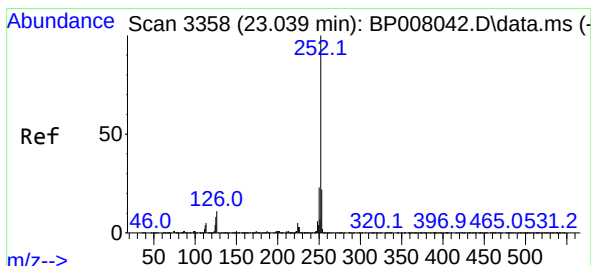
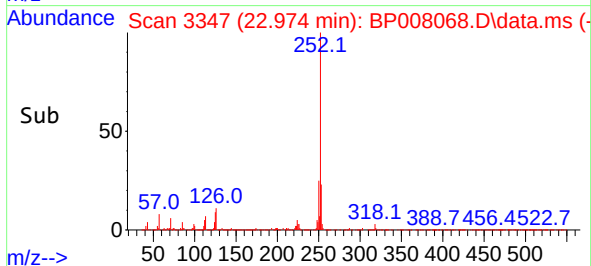
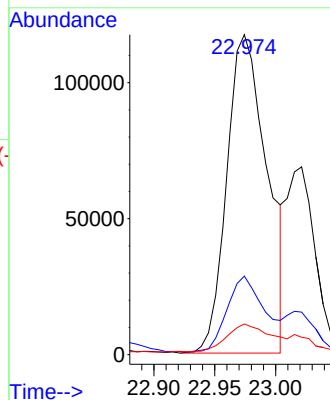
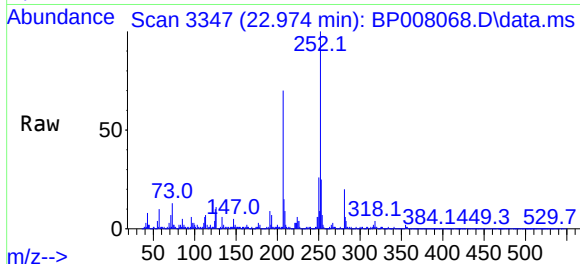
#88
Benzo(b)fluoranthene
Concen: 5.026 ng
RT: 22.974 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

Instrument :
BNA_P
ClientSampleId :
289DL

Tgt Ion:252 Resp: 26944
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.2
125 9.6 6.1 9.1

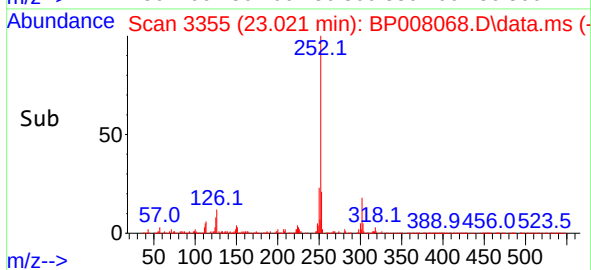
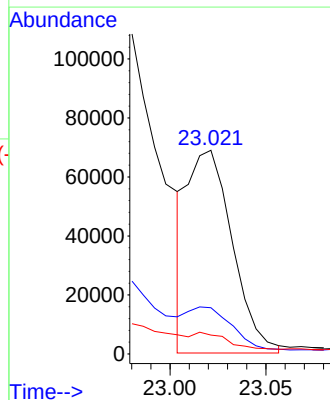
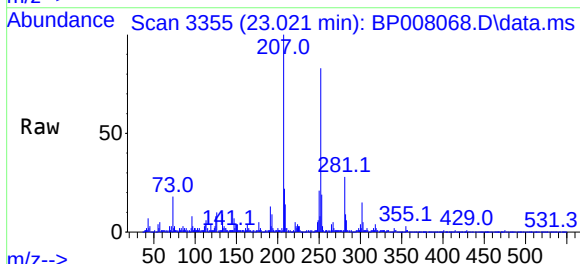
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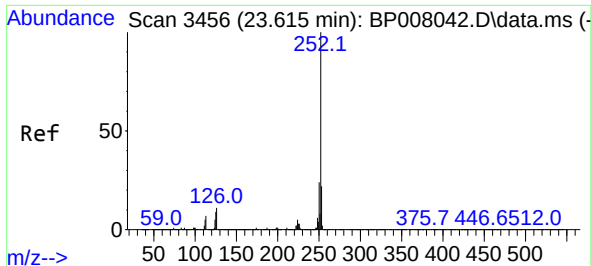
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#89
Benzo(k)fluoranthene
Concen: 2.096 ng m
RT: 23.021 min Scan# 3355
Delta R.T. -0.018 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

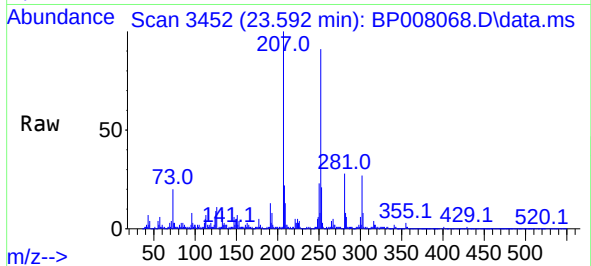
Tgt Ion:252 Resp: 111770
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 9.3 6.2 9.4





#90
Benzo(a)pyrene
Concen: 3.397 ng
RT: 23.592 min Scan# 34
Delta R.T. -0.023 min
Lab File: BP008068.D
Acq: 20 Nov 2021 21:05

Instrument :
BNA_P
ClientSampleId :
289DL



Tgt Ion:252 Resp: 152618
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 9.4 7.4 11.2

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

