

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
 Data File : BP008106.D
 Acq On : 23 Nov 2021 20:43
 Operator : CG/JU
 Sample : M4782-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-111921

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
 Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 24 00:08:31 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	186030	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	737753	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	496727	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	1034994	20.000	ng	0.00
76) Chrysene-d12	21.327	240	776623	20.000	ng	0.00
86) Perylene-d12	23.733	264	793716	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	549901	50.525	ng	0.00
7) Phenol-d6	7.005	99	734902	48.712	ng	0.00
23) Nitrobenzene-d5	8.981	82	498303	30.641	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	297763	47.368	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	999112	31.495	ng	0.00
79) Terphenyl-d14	19.792	244	1297424	32.845	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.269	178	892506	16.004	ng	99
72) Anthracene	17.357	178	288184	5.220	ng	99
75) Fluoranthene	19.245	202	1258653	17.511	ng	99
78) Pyrene	19.598	202	1214376	23.027	ng	100
81) Benzo(a)anthracene	21.310	228	595757	11.438	ng	97
83) Chrysene	21.363	228	516286	10.446	ng	98
87) Indeno(1,2,3-cd)pyrene	26.233	276	284067	5.158	ng	96
88) Benzo(b)fluoranthene	22.998	252	567669	11.439	ng	# 94
89) Benzo(k)fluoranthene	23.039	252	209656m	4.246	ng	
90) Benzo(a)pyrene	23.621	252	461006	11.084	ng	96
92) Benzo(g,h,i)perylene	27.009	276	283561	6.314	ng	95

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

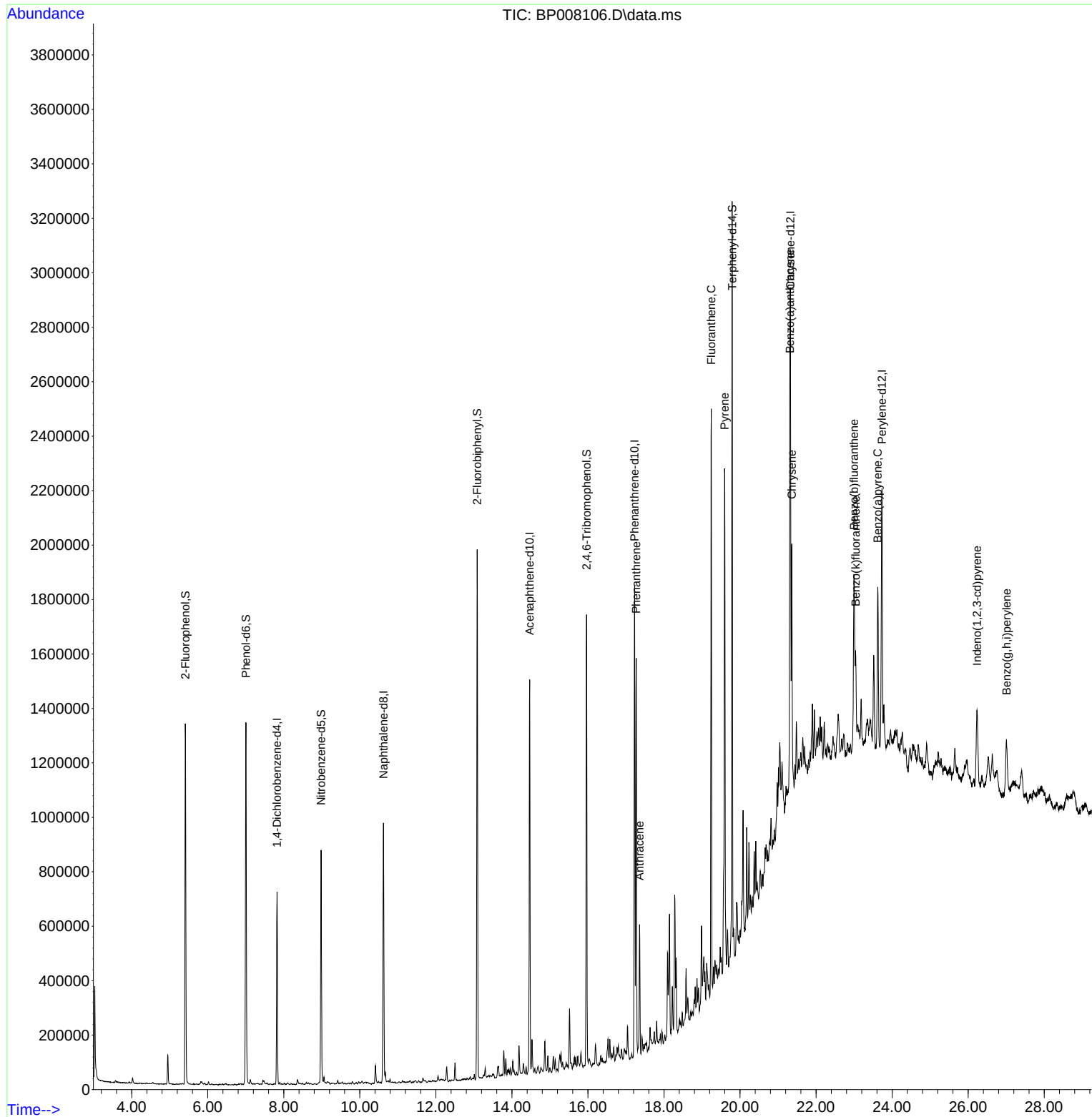
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
Data File : BP008106.D
Acq On : 23 Nov 2021 20:43
Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

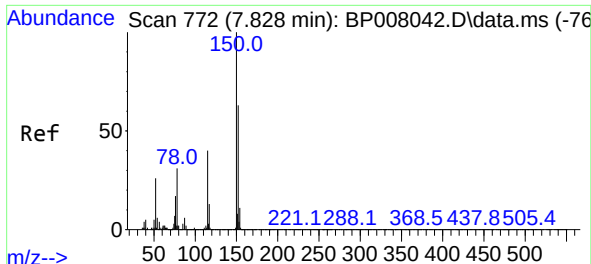
Instrument :
BNA_P
ClientSampleId :
CL-02-111921

Quant Time: Nov 24 00:08:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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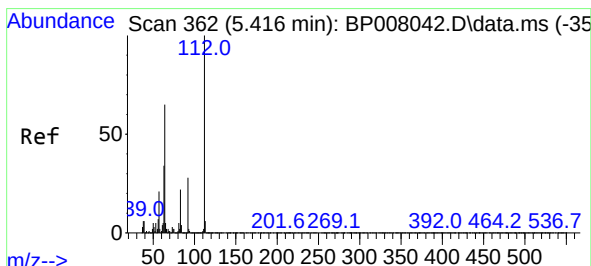
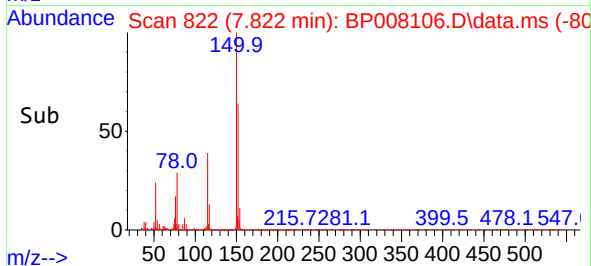
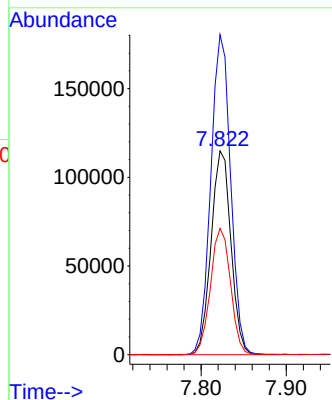
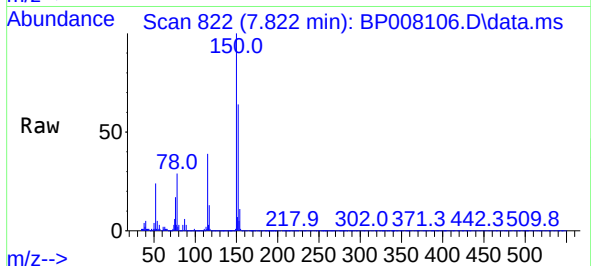
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Instrument :
BNA_P
ClientSampleId :
CL-02-111921

Tgt Ion:152 Resp: 186030
Ion Ratio Lower Upper
152 100
150 157.0 126.5 189.7
115 62.0 50.6 75.8

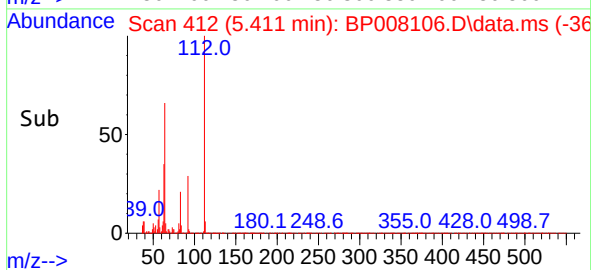
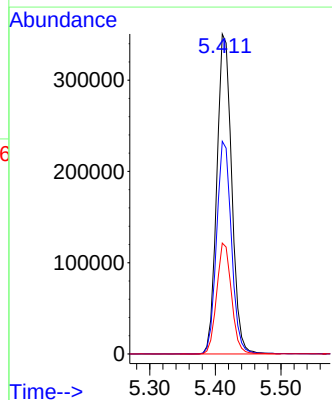
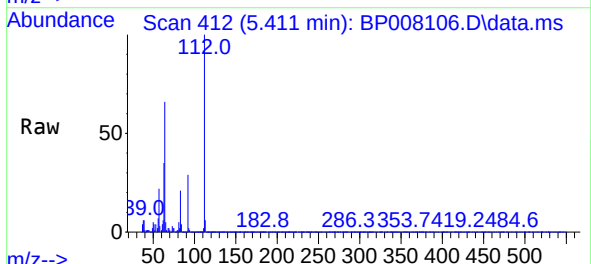
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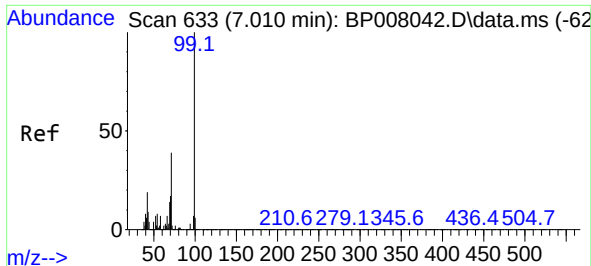
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#5
2-Fluorophenol
Concen: 50.525 ng
RT: 5.411 min Scan# 412
Delta R.T. -0.005 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

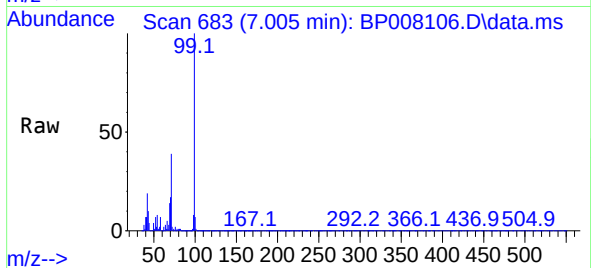
Tgt Ion:112 Resp: 549901
Ion Ratio Lower Upper
112 100
64 66.4 51.7 77.5
63 34.7 27.4 41.0





#7
Phenol-d6
Concen: 48.712 ng
RT: 7.005 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

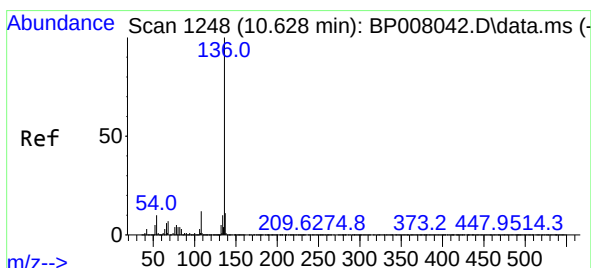
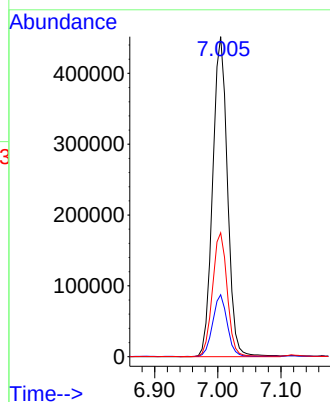
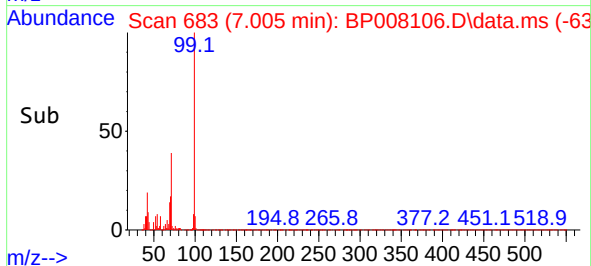
Instrument :
BNA_P
ClientSampleId :
CL-02-111921



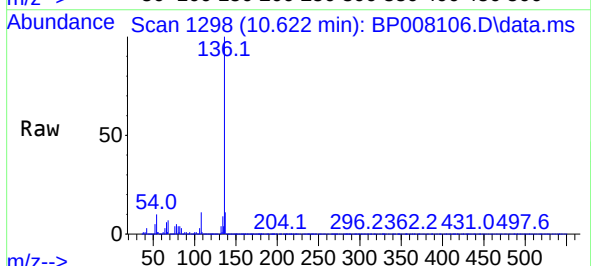
Tgt Ion: 99 Resp: 734902
Ion Ratio Lower Upper
99 100
42 19.4 15.4 23.2
71 38.7 31.0 46.6

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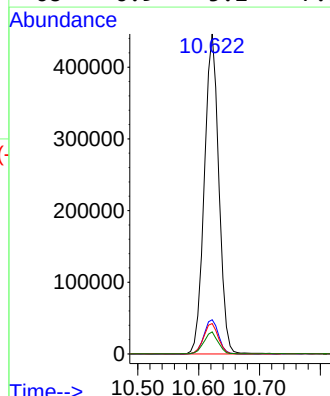
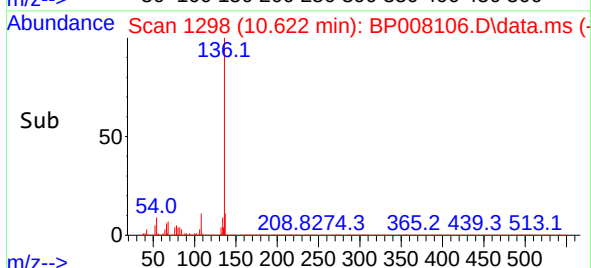
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021

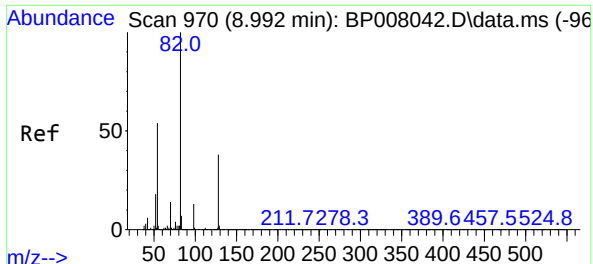


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43



Tgt Ion:136 Resp: 737753
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.5 8.0 12.0
68 6.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 30.641 ng

RT: 8.981 min Scan# 10

Delta R.T. -0.011 min

Lab File: BP008106.D

Acq: 23 Nov 2021 20:43

Instrument :

BNA_P

ClientSampleId :

CL-02-111921

Tgt Ion: 82 Resp: 49830

Ion Ratio Lower Upper

82 100

128 37.9 30.2 45.2

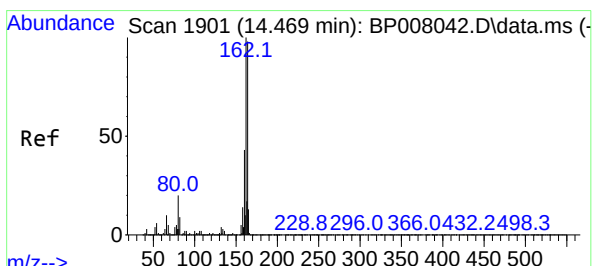
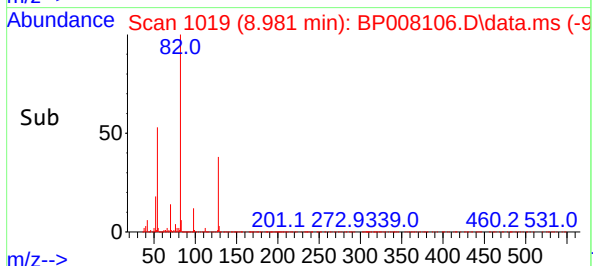
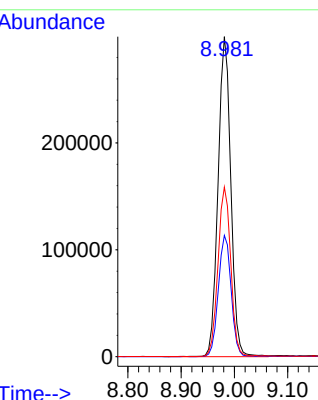
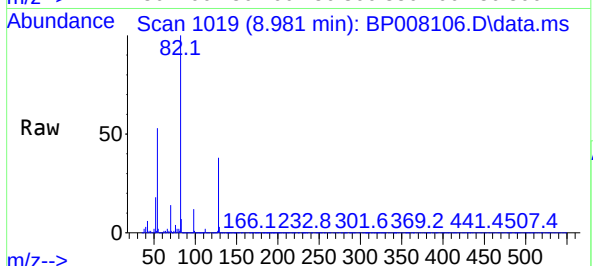
54 53.0 43.1 64.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.469 min Scan# 1952

Delta R.T. -0.000 min

Lab File: BP008106.D

Acq: 23 Nov 2021 20:43

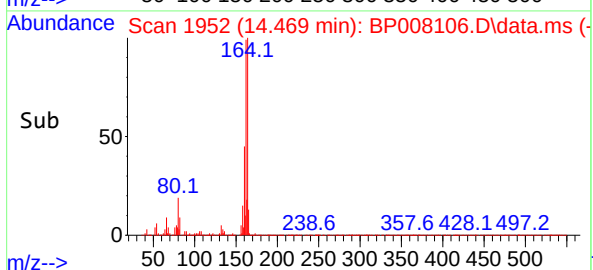
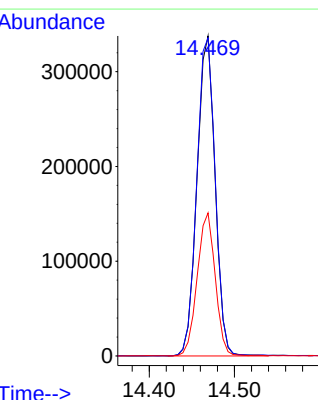
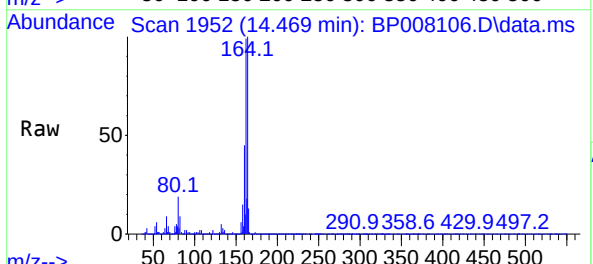
Tgt Ion:164 Resp: 496727

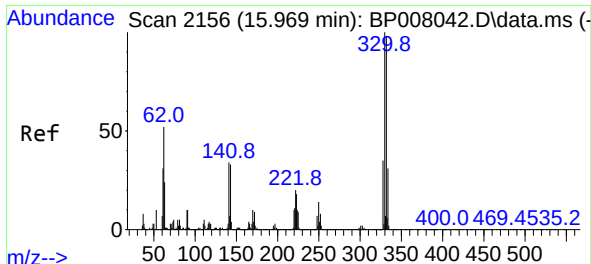
Ion Ratio Lower Upper

164 100

162 99.4 81.8 122.8

160 44.7 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 47.368 ng
RT: 15.963 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Instrument :

BNA_P

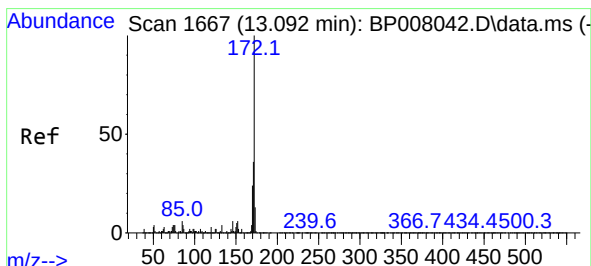
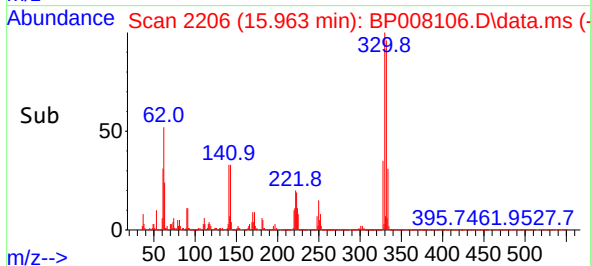
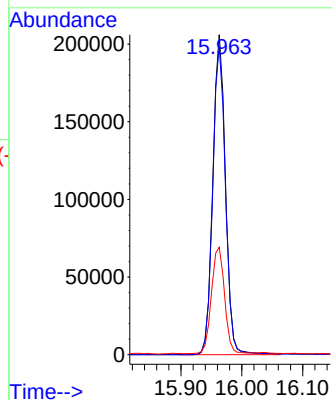
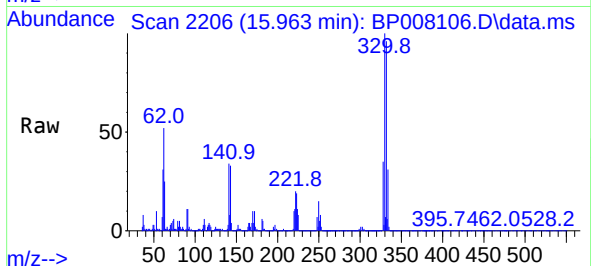
ClientSampleId :

CL-02-111921

Tgt Ion:330 Resp: 29776
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 34.4 29.6 44.4

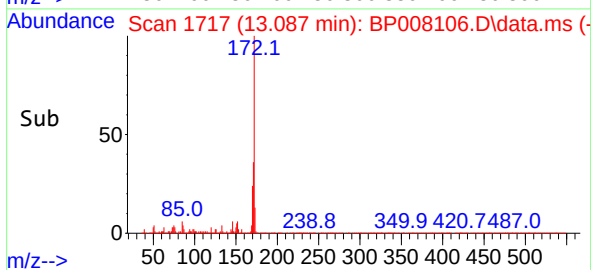
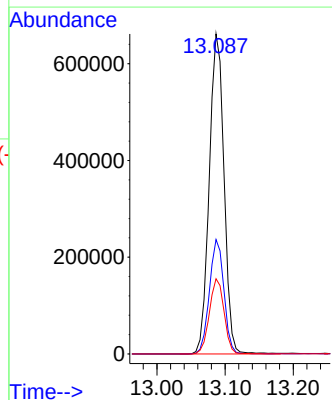
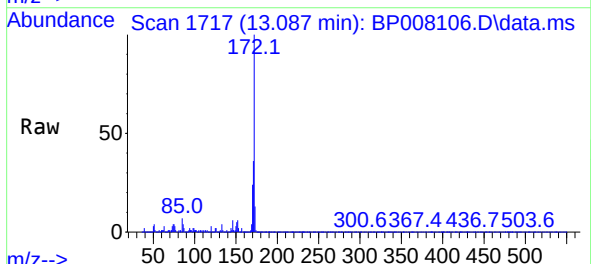
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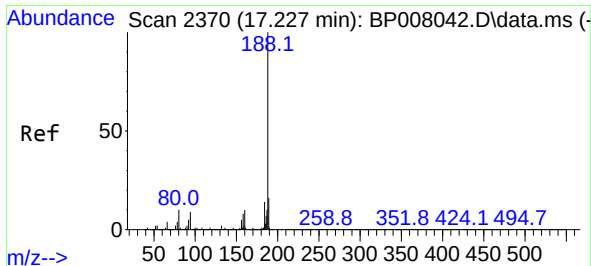
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#45
2-Fluorobiphenyl
Concen: 31.495 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.005 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Tgt Ion:172 Resp: 999112
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.5 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2421
Delta R.T. 0.001 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Instrument :

BNA_P

ClientSampleId :

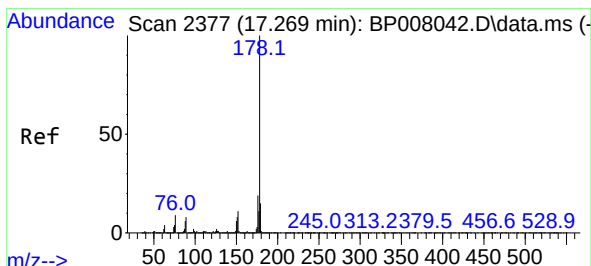
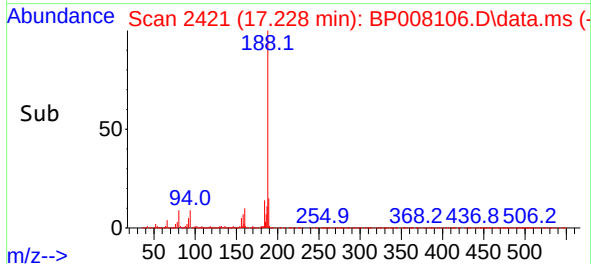
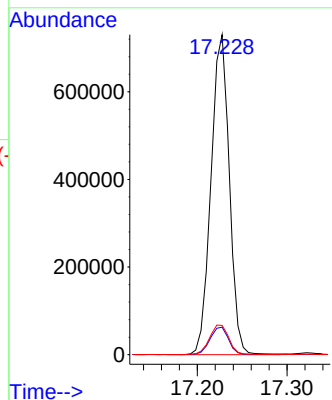
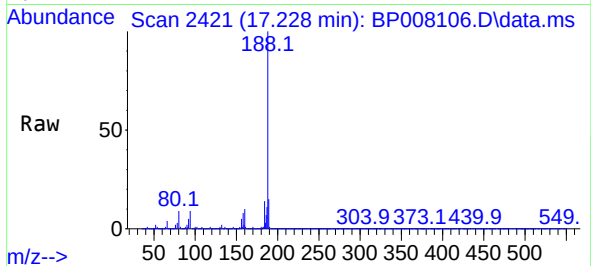
CL-02-111921

Tgt Ion:188 Resp: 1034994
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 9.1 8.1 12.1

Manual Integrations

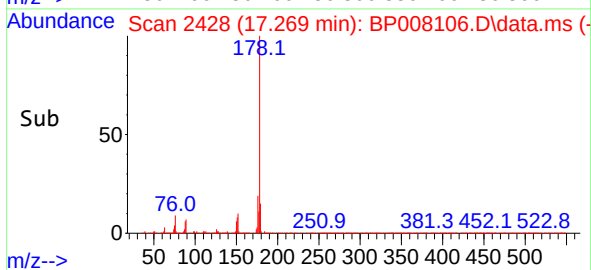
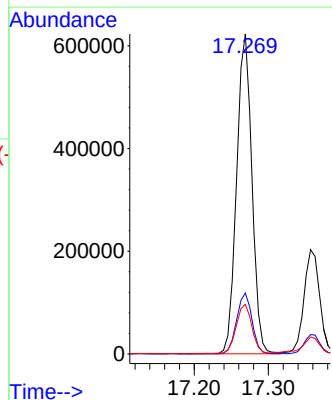
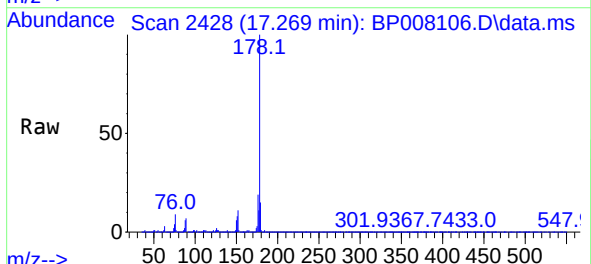
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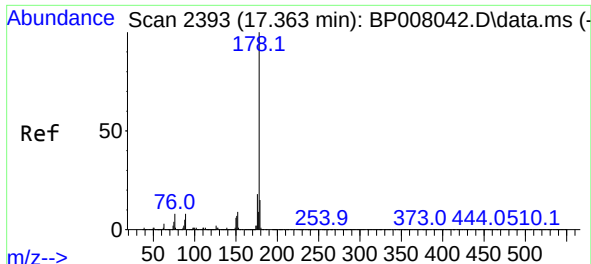
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#71
Phenanthrene
Concen: 16.004 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Tgt Ion:178 Resp: 892506
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.5 12.4 18.6





#72
 Anthracene
 Concen: 5.220 ng
 RT: 17.357 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BP008106.D
 Acq: 23 Nov 2021 20:43

Instrument :

BNA_P

ClientSampleId :

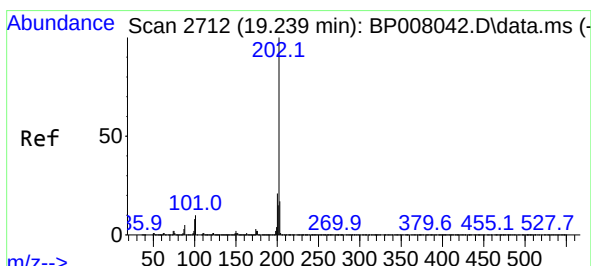
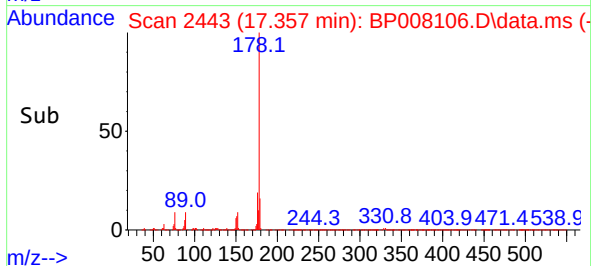
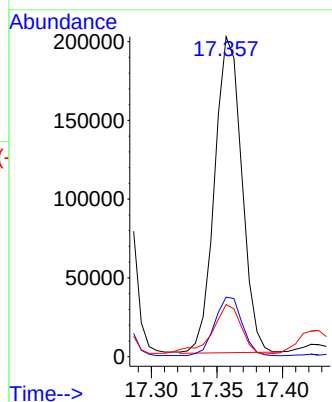
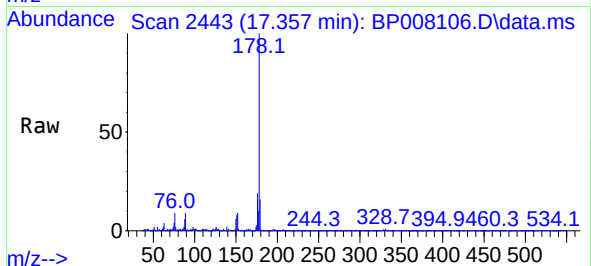
CL-02-111921

Tgt Ion:178 Resp: 288184
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.7 22.1
 179 16.3 12.2 18.4

Manual Integrations

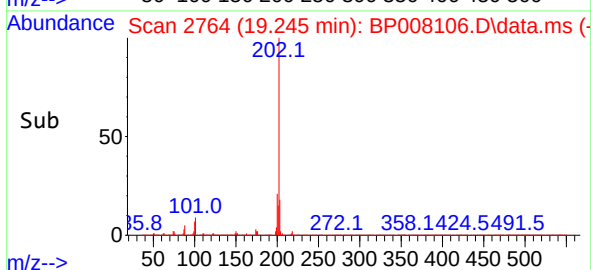
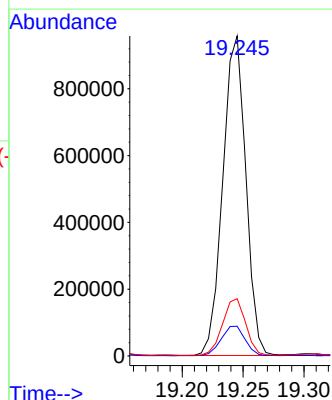
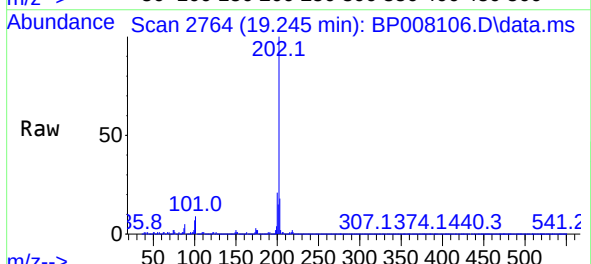
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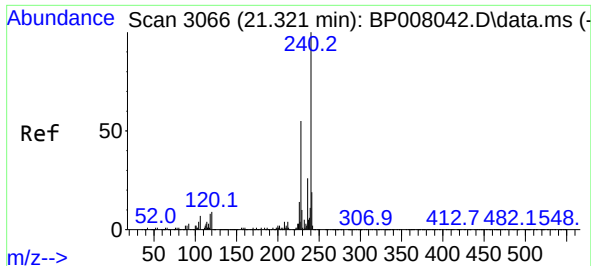
Reviewed By :Jagrut Upadhyay 11/24/2021
 Supervised By :Sohil Jodhani 11/30/2021



#75
 Fluoranthene
 Concen: 17.511 ng
 RT: 19.245 min Scan# 2764
 Delta R.T. 0.006 min
 Lab File: BP008106.D
 Acq: 23 Nov 2021 20:43

Tgt Ion:202 Resp: 1258653
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 29.5
 203 17.9 0.0 37.3





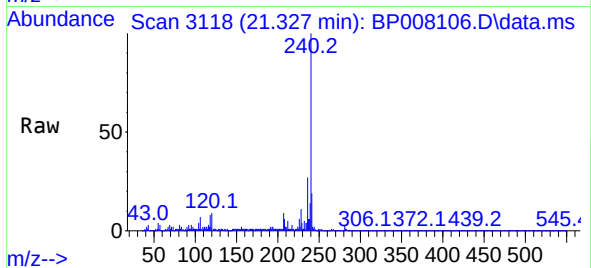
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Instrument :

BNA_P

ClientSampleId :

CL-02-111921

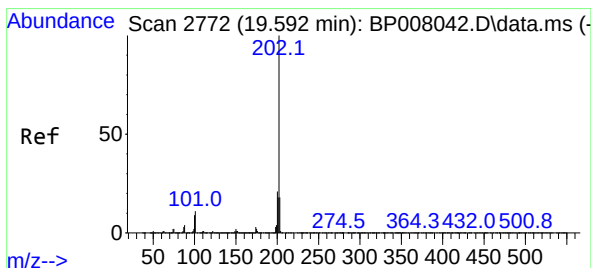
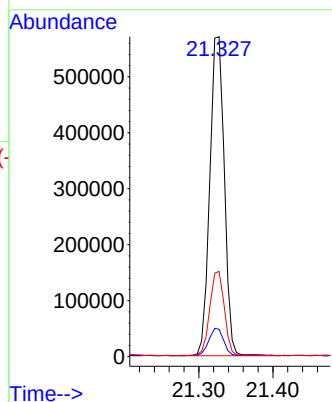
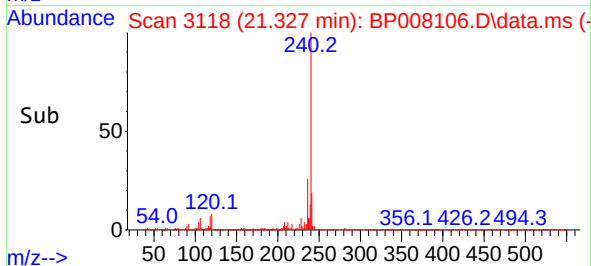


Tgt Ion:240 Resp: 77662
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.2
236 26.7 21.0 31.4

Manual Integrations

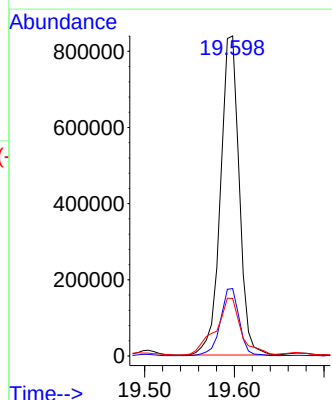
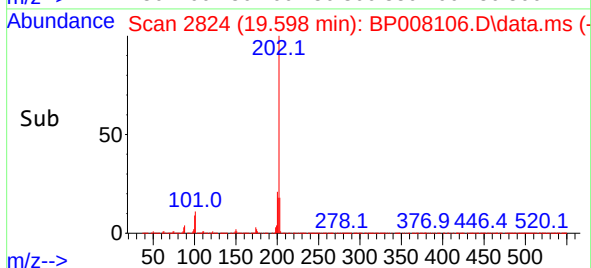
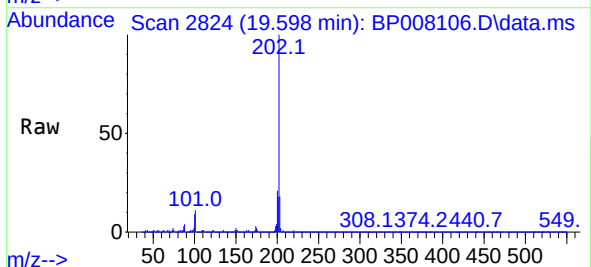
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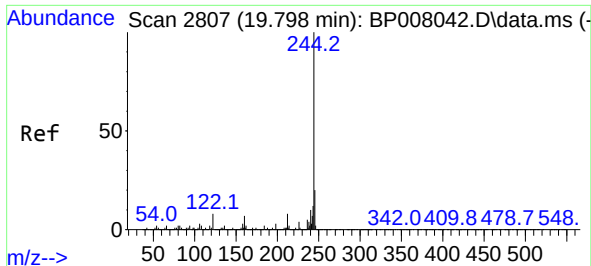
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#78
Pyrene
Concen: 23.027 ng
RT: 19.598 min Scan# 2824
Delta R.T. 0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Tgt Ion:202 Resp: 1214376
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 18.0 14.2 21.2





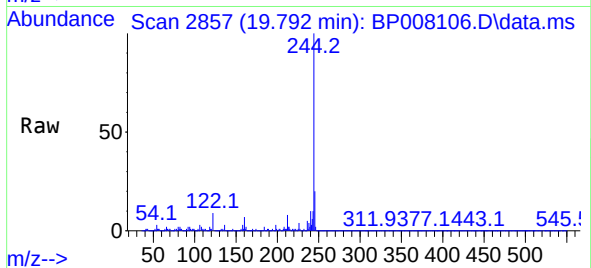
#79
Terphenyl-d14
Concen: 32.845 ng
RT: 19.792 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Instrument :

BNA_P

ClientSampleId :

CL-02-111921

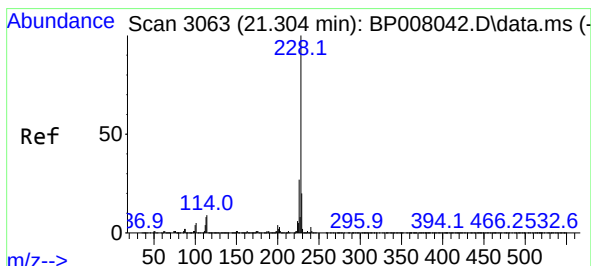
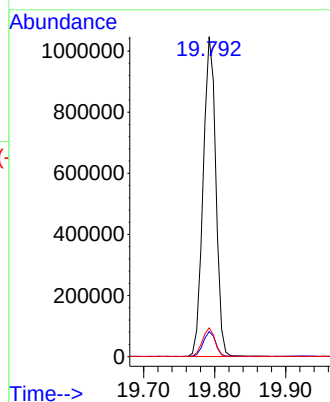
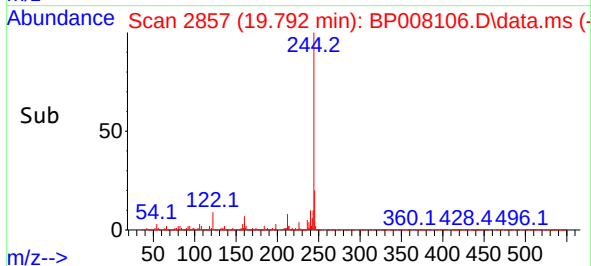


Tgt Ion:244 Resp: 1297424
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 9.0 6.1 9.1

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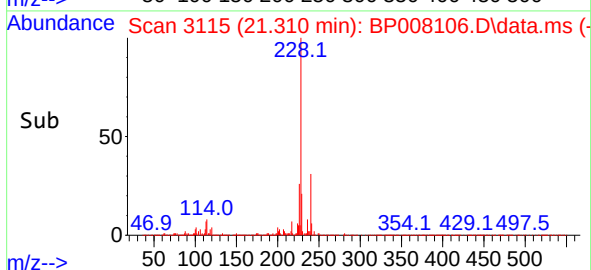
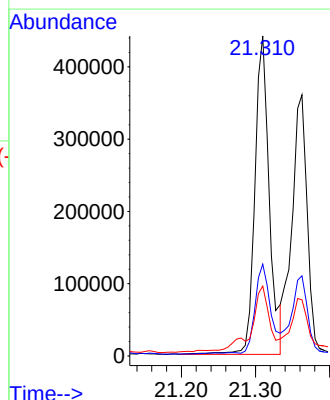
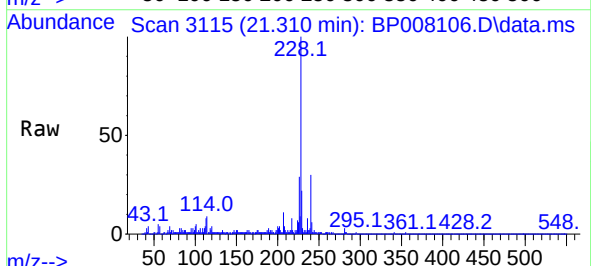
APPROVED

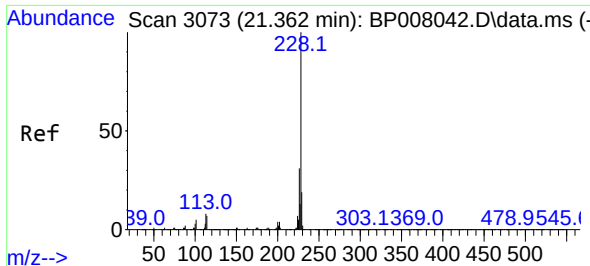
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#81
Benzo(a)anthracene
Concen: 11.438 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Tgt Ion:228 Resp: 595757
Ion Ratio Lower Upper
228 100
226 28.7 21.8 32.6
229 21.9 16.1 24.1





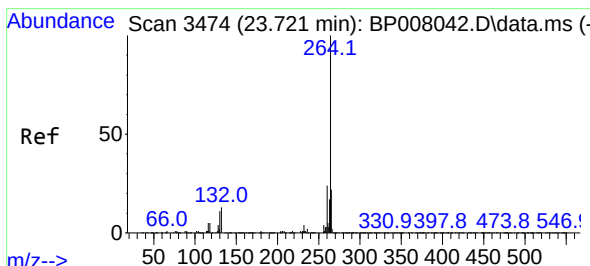
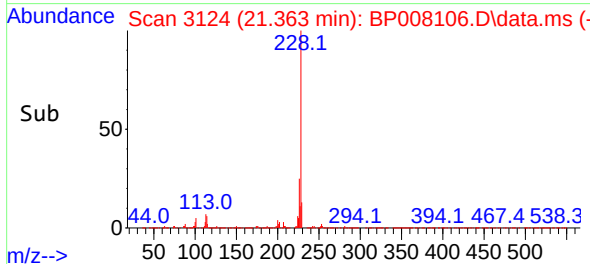
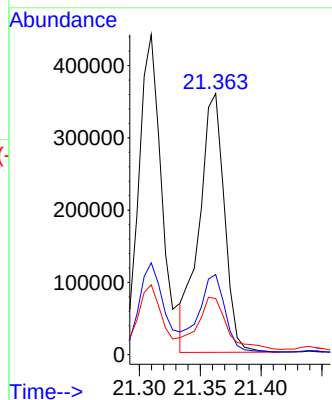
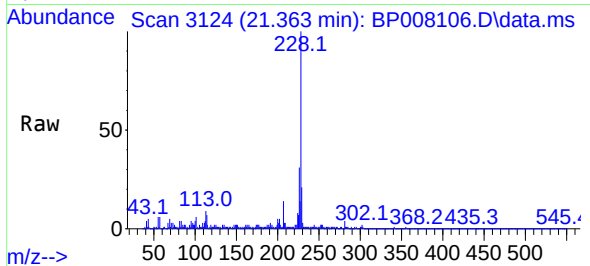
#83
Chrysene
Concen: 10.446 ng
RT: 21.363 min Scan# 3111
Delta R.T. 0.001 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Instrument :
BNA_P
ClientSampleId :
CL-02-111921

Tgt Ion:228 Resp: 516280
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 21.5 15.5 23.3

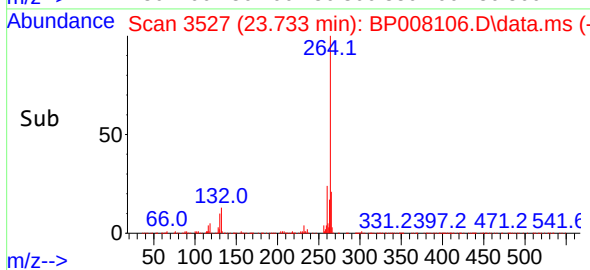
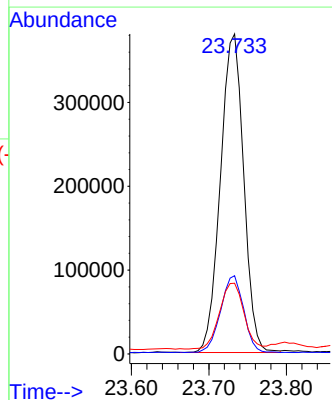
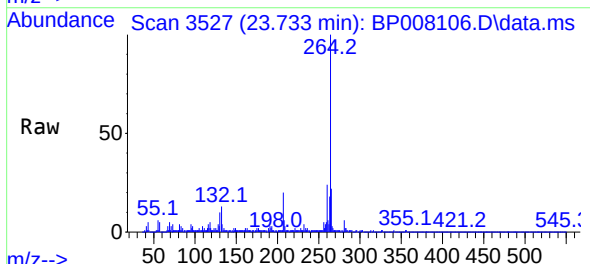
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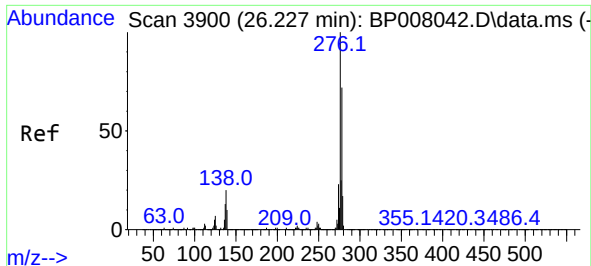
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3527
Delta R.T. 0.012 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Tgt Ion:264 Resp: 793716
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.6
265 22.1 17.7 26.5





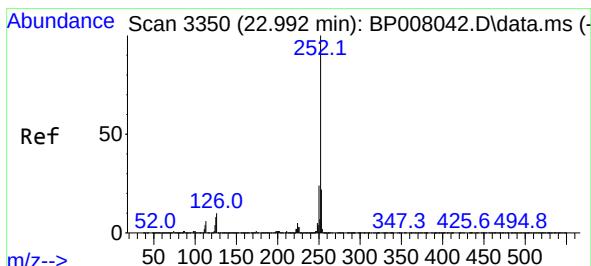
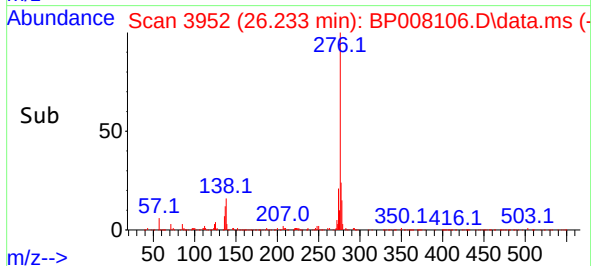
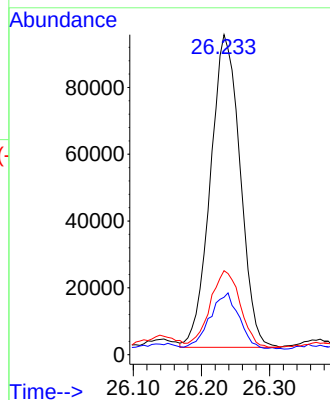
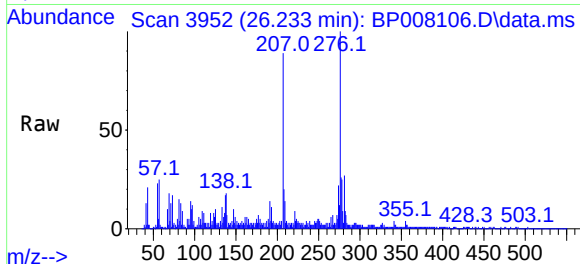
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.158 ng
RT: 26.233 min Scan# 3402
Delta R.T. 0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Instrument :
BNA_P
ClientSampleId :
CL-02-111921

Tgt Ion: 276 Resp: 28406
Ion Ratio Lower Upper
276 100
138 17.1 16.5 24.7
277 24.9 20.2 30.4

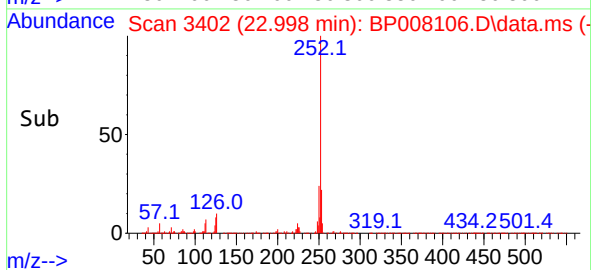
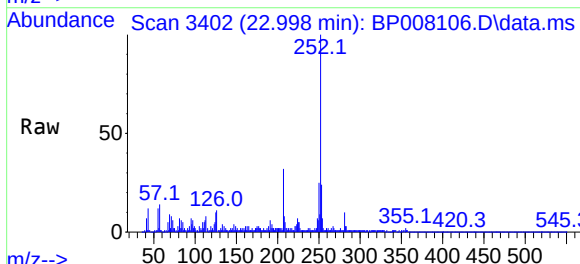
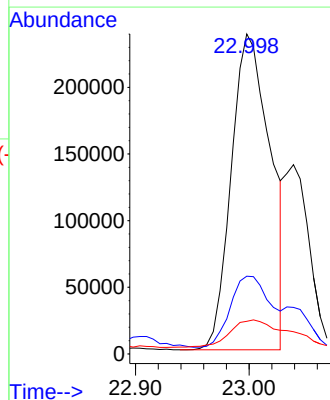
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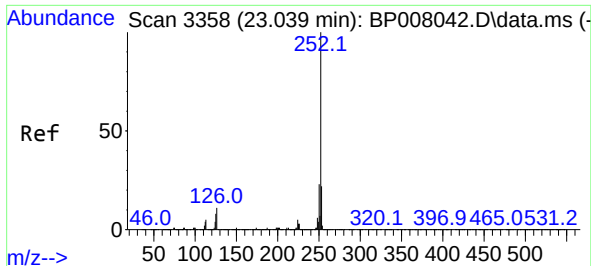
Reviewed By : Jagrut Upadhyay 11/24/2021
Supervised By : Sohil Jodhani 11/30/2021



#88
Benzo(b)fluoranthene
Concen: 11.439 ng
RT: 22.998 min Scan# 3402
Delta R.T. 0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Tgt Ion: 252 Resp: 567669
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.2
125 10.2 6.1 9.1#





#89
Benzo(k)fluoranthene
Concen: 4.246 ng m
RT: 23.039 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Instrument :

BNA_P

ClientSampleId :

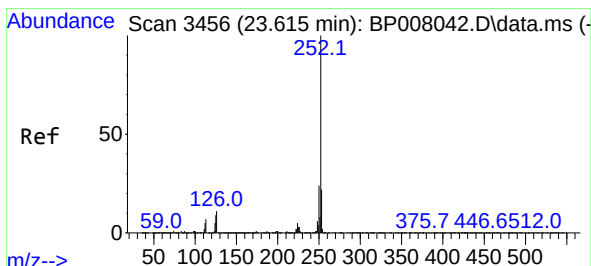
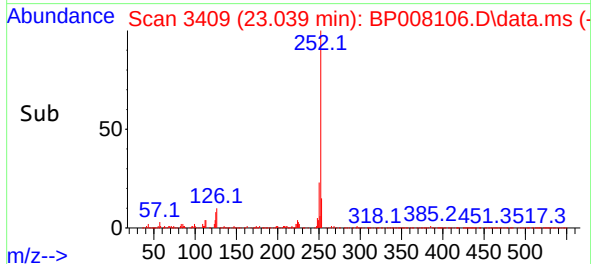
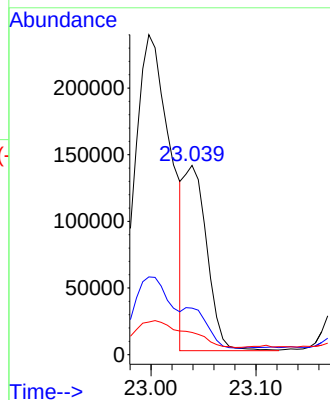
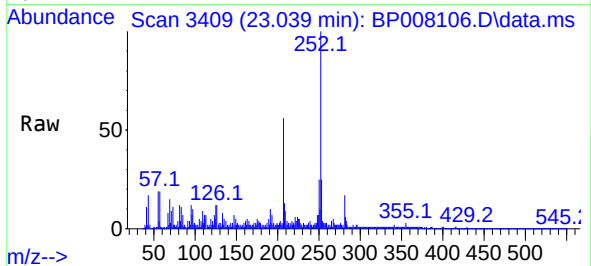
CL-02-111921

Tgt Ion:252 Resp: 209650
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.0
125 11.7 6.2 9.4

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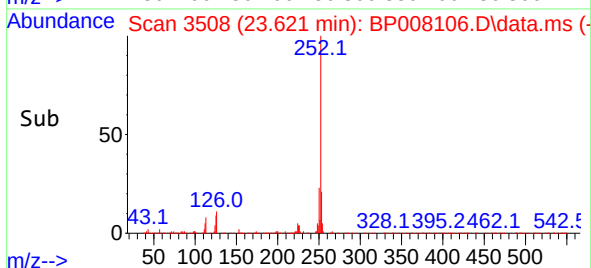
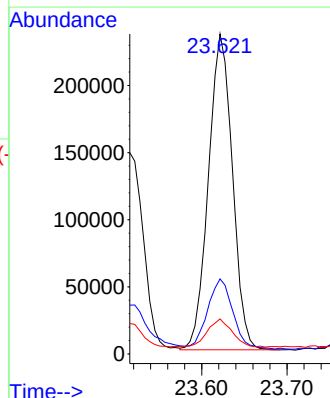
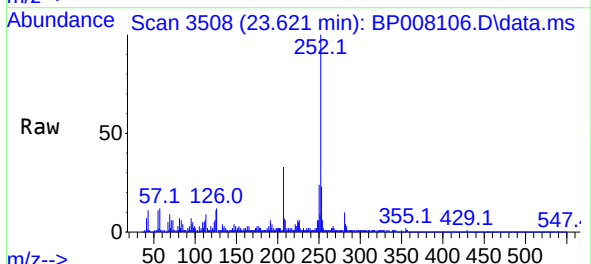
APPROVED

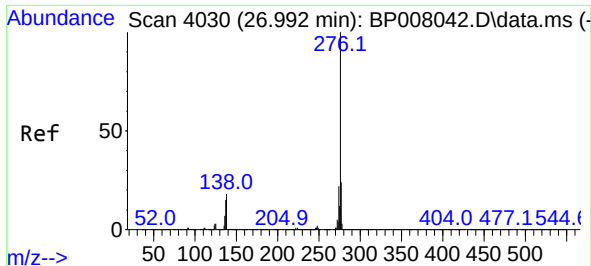
Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021



#90
Benzo(a)pyrene
Concen: 11.084 ng
RT: 23.621 min Scan# 3508
Delta R.T. 0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

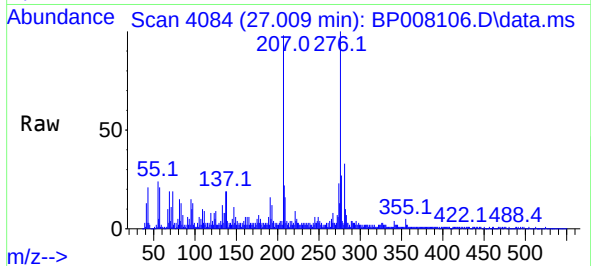
Tgt Ion:252 Resp: 461006
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 11.0 7.4 11.2





#92
 Benzo(g,h,i)perylene
 Concen: 6.314 ng
 RT: 27.009 min Scan# 4084
 Delta R.T. 0.017 min
 Lab File: BP008106.D
 Acq: 23 Nov 2021 20:43

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-111921



Tgt Ion: 276 Resp: 28356
 Ion Ratio Lower Upper
 276 100
 277 27.2 19.0 28.6
 138 18.6 14.2 21.2

Manual Integrations
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Reviewed By : Jagrut Upadhyay 11/24/2021
 Supervised By : Sohil Jodhani 11/30/2021

