

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
 Data File : BP008781.D
 Acq On : 12 Jan 2022 19:07
 Operator : CG/JU
 Sample : N1107-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PT-03-011122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/13/2022
 Supervised By : Jagrut Upadhyay 01/13/2022

Quant Time: Jan 13 07:01:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 12 00:18:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	498613	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	1893163	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1185974	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2352706	20.000	ng	0.00
76) Chrysene-d12	21.345	240	1769182	20.000	ng	0.00
86) Perylene-d12	23.774	264	1729454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	3401164	106.818	ng	0.00
7) Phenol-d6	7.046	99	4140333	96.863	ng	0.00
23) Nitrobenzene-d5	9.022	82	2554952	76.430	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1873052	93.612	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	6166184	73.096	ng	0.00
79) Terphenyl-d14	19.822	244	7589642	87.422	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.222	152	349521	3.101	ng	100
71) Phenanthrene	17.298	178	819527	6.269	ng	99
72) Anthracene	17.392	178	331493	2.483	ng	99
75) Fluoranthene	19.269	202	1111588	7.101	ng	97
78) Pyrene	19.622	202	1332579	11.519	ng	98
81) Benzo(a)anthracene	21.333	228	667474	5.751	ng	92
83) Chrysene	21.380	228	698444m	6.238	ng	
87) Indeno(1,2,3-cd)pyrene	26.304	276	487572	3.528	ng	96
88) Benzo(b)fluoranthene	23.033	252	886167m	7.842	ng	
89) Benzo(k)fluoranthene	23.074	252	247308m	2.338	ng	
90) Benzo(a)pyrene	23.663	252	732476	6.706	ng	# 96
92) Benzo(g,h,i)perylene	27.080	276	543424	4.688	ng	96

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

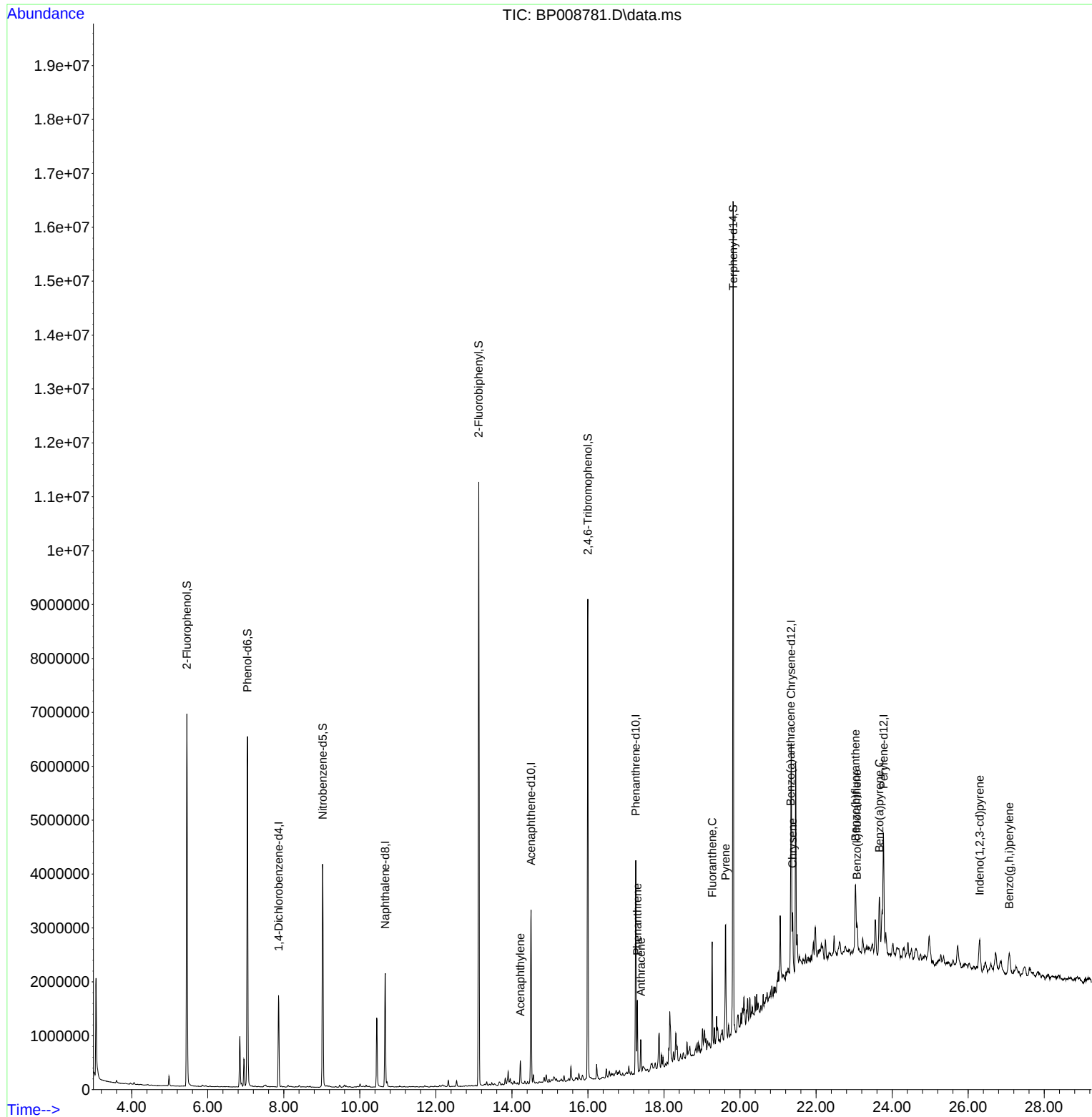
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008781.D
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ALS Vial : 13 Sample Multiplier: 1

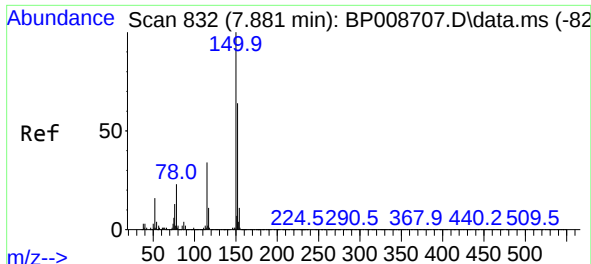
Instrument :
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Quant Time: Jan 13 07:01:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

Instrument :

BNA_P

ClientSampleId :

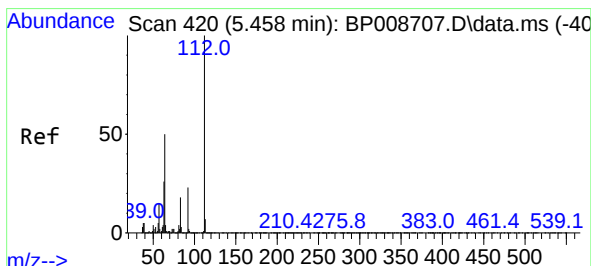
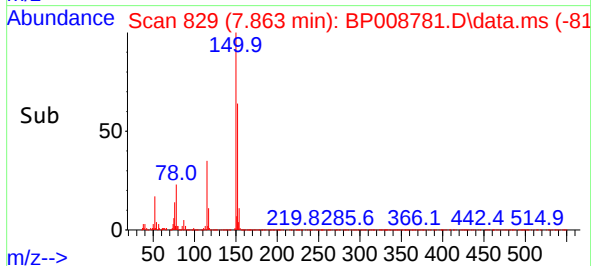
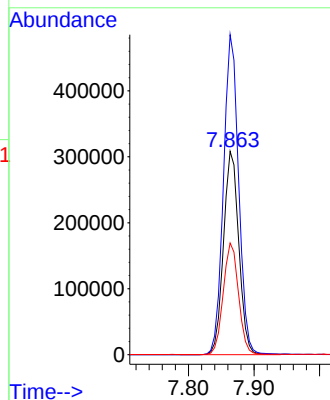
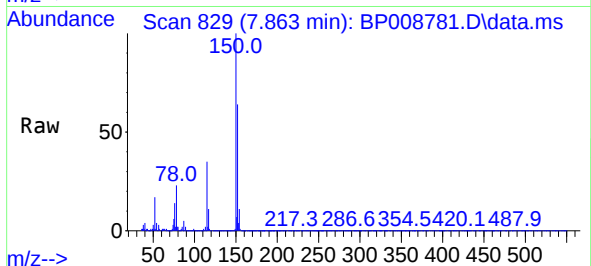
PT-03-011122

Tgt Ion:152 Resp: 49861
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 54.9 43.7 65.5

Manual Integrations

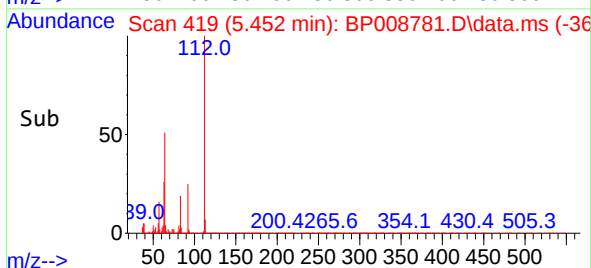
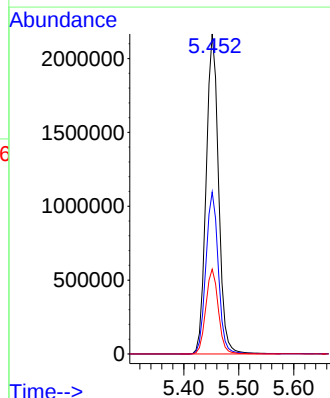
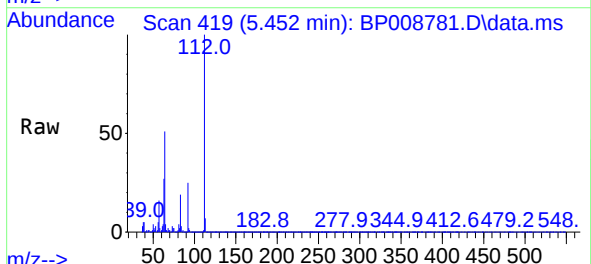
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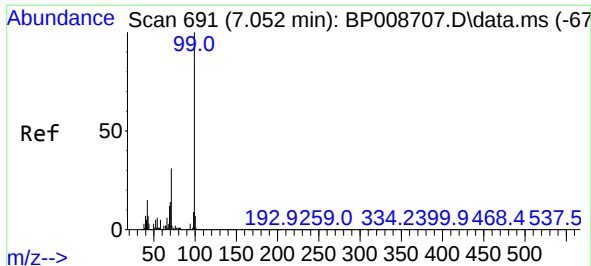
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#5
2-Fluorophenol
Concen: 106.818 ng
RT: 5.452 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

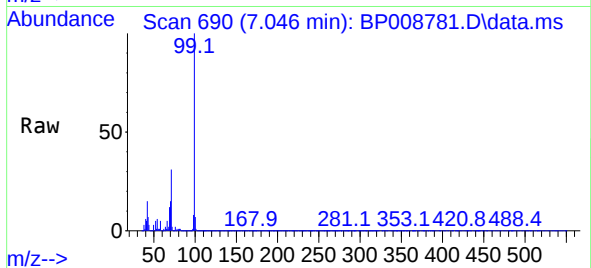
Tgt Ion:112 Resp: 3401164
Ion Ratio Lower Upper
112 100
64 50.6 39.7 59.5
63 26.5 20.0 30.0





#7
Phenol-d6
Concen: 96.863 ng
RT: 7.046 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

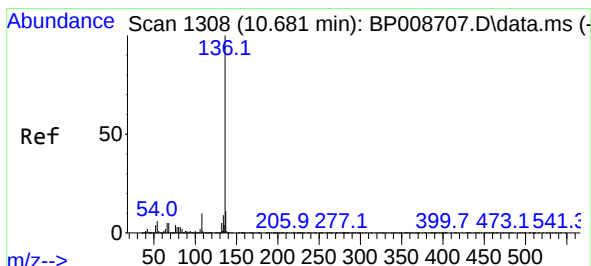
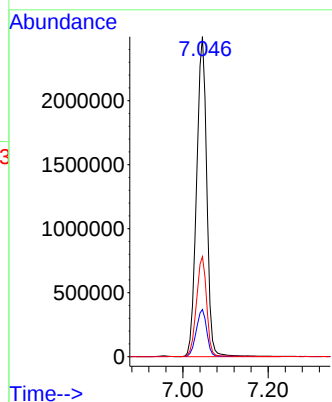
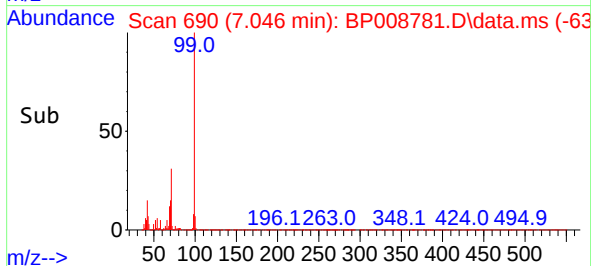
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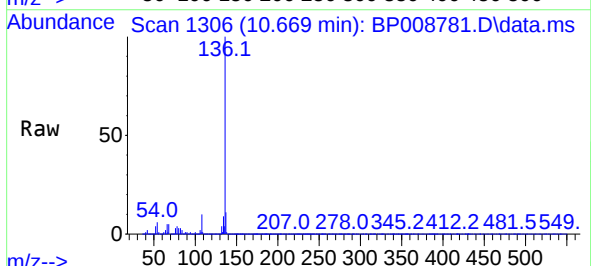
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Ion Ratio Lower Upper
99 100
42 14.8 10.8 16.2
71 31.2 23.8 35.6

Manual Integrations
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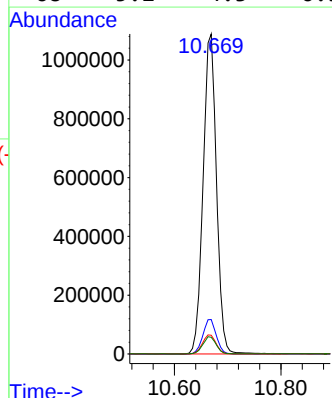
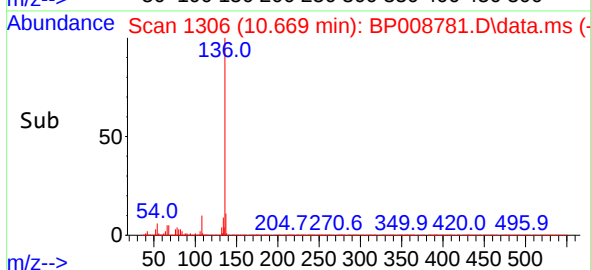
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022

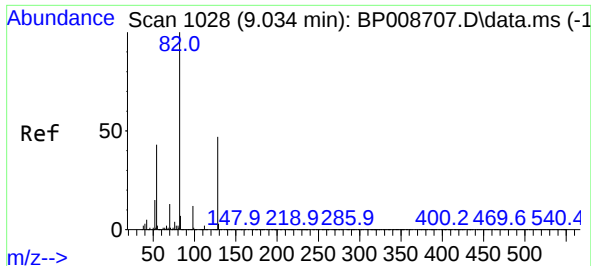


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07



Tgt Ion:136 Resp: 1893163
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 5.9 4.9 7.3
68 5.2 4.3 6.5





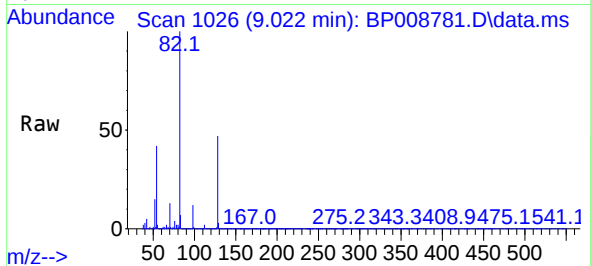
#23
Nitrobenzene-d5
Concen: 76.430 ng
RT: 9.022 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

Instrument :

BNA_P

ClientSampleId :

PT-03-011122

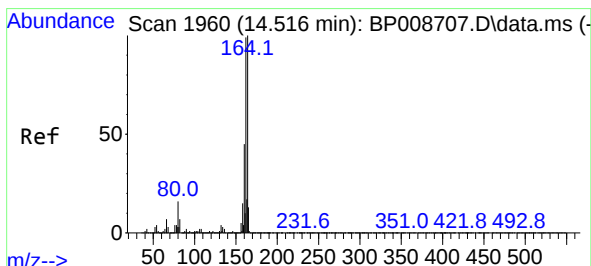
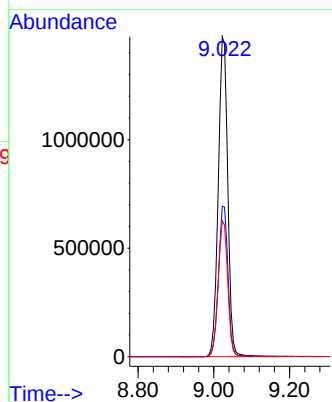
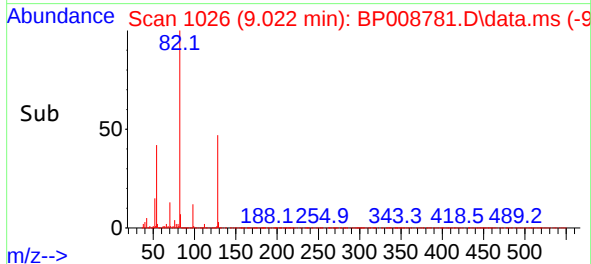


Tgt Ion: 82 Resp: 2554952
Ion Ratio Lower Upper
82 100
128 47.0 39.4 59.2
54 42.5 32.6 48.8

Manual Integrations

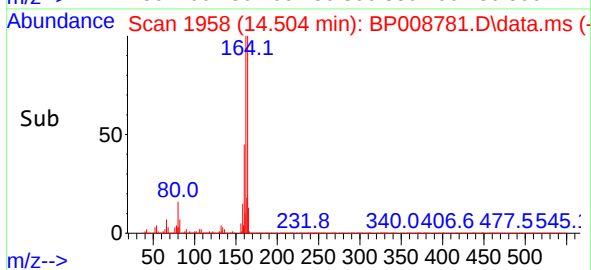
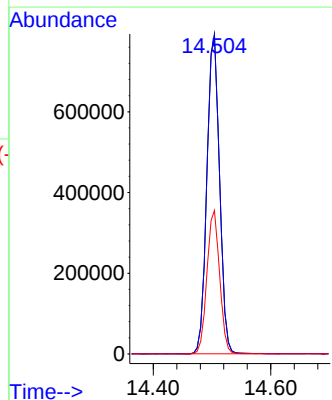
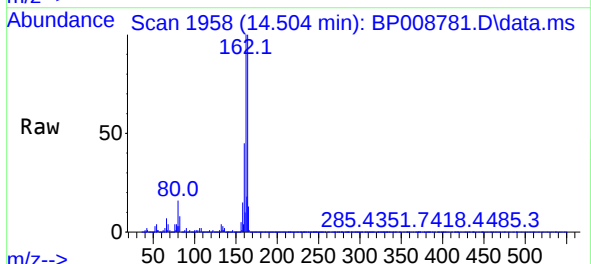
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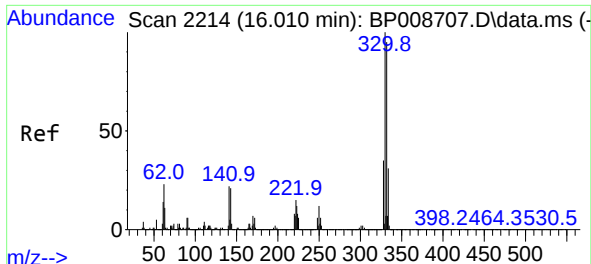
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

Tgt Ion:164 Resp: 1185974
Ion Ratio Lower Upper
164 100
162 99.5 79.9 119.9
160 44.8 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 93.612 ng
RT: 15.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

Instrument :

BNA_P

ClientSampleId :

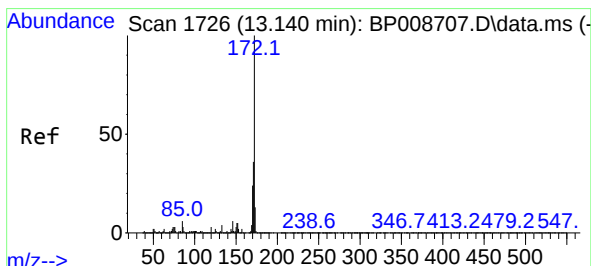
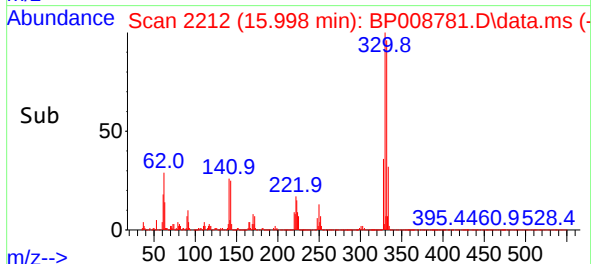
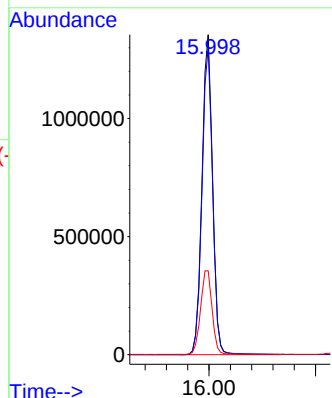
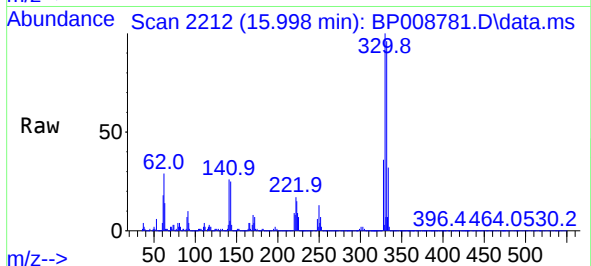
PT-03-011122

Tgt Ion:330 Resp: 187305
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 28.4 21.3 31.9

Manual Integrations

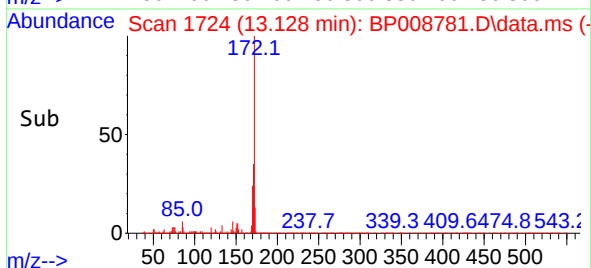
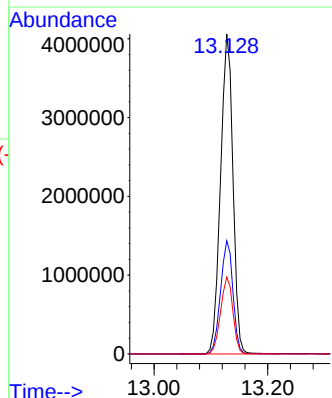
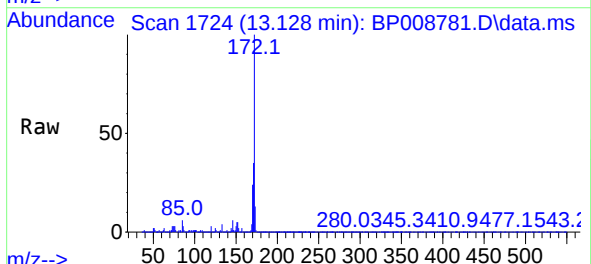
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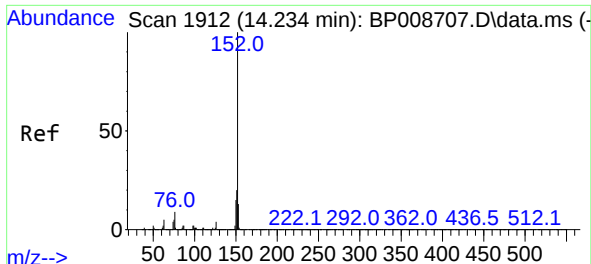
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#45
2-Fluorobiphenyl
Concen: 73.096 ng
RT: 13.128 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

Tgt Ion:172 Resp: 6166184
Ion Ratio Lower Upper
172 100
171 35.4 29.3 43.9
170 24.0 19.5 29.3





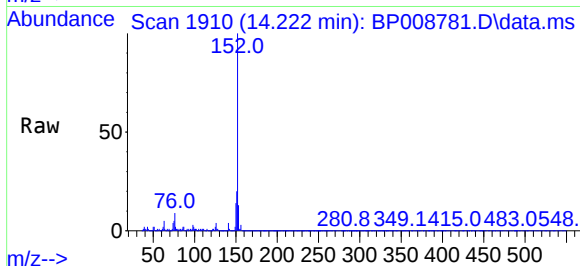
#49
Acenaphthylene
Concen: 3.101 ng
RT: 14.222 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

Instrument :

BNA_P

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PT-03-011122

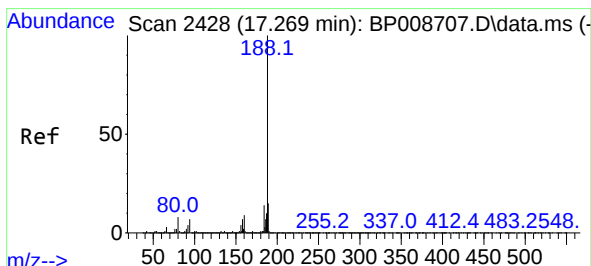
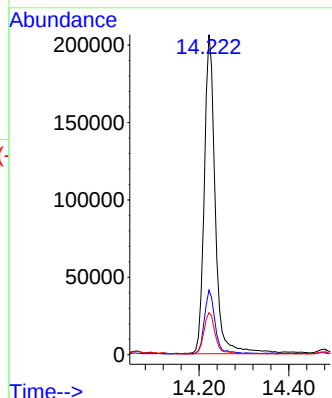
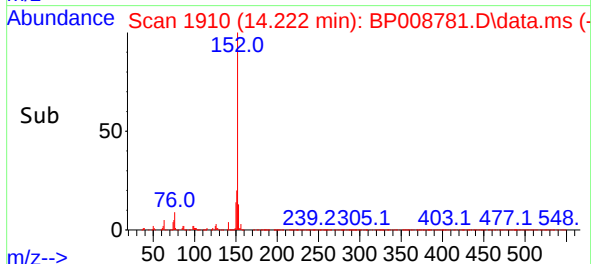


Tgt Ion:152 Resp: 34952
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.2 10.6 16.0

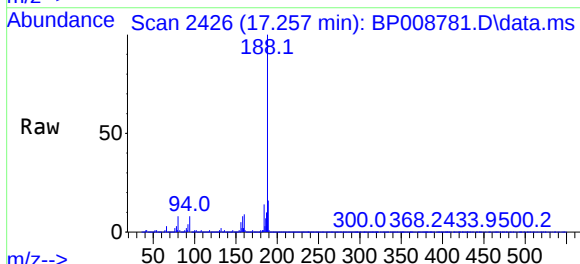
Manual Integrations

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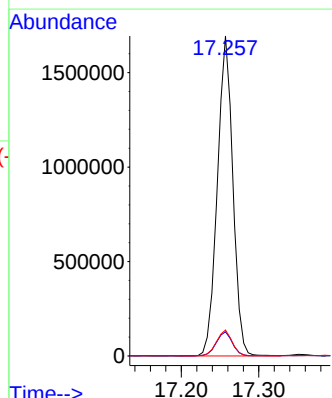
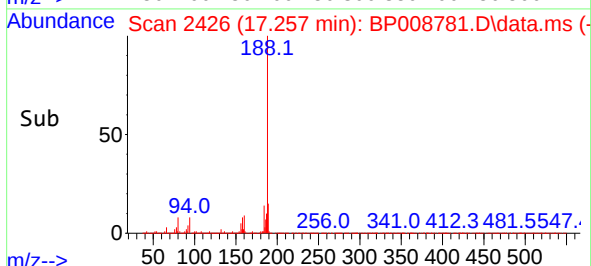
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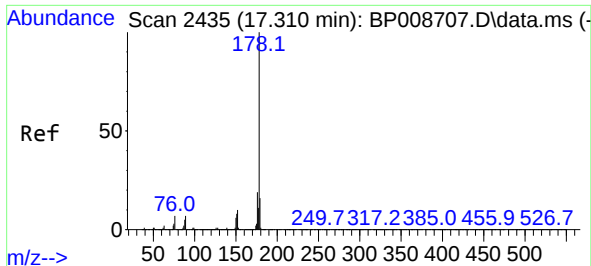


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07



Tgt Ion:188 Resp: 2352706
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.1 7.2 10.8





#71
Phenanthrene
Concen: 6.269 ng
RT: 17.298 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

Instrument :

BNA_P

ClientSampleId :

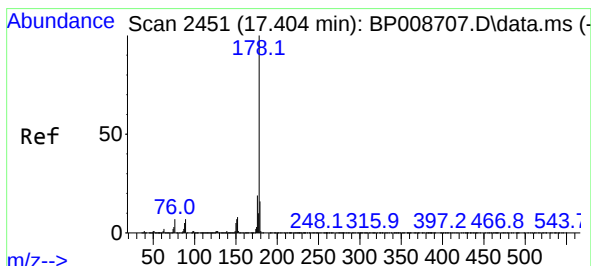
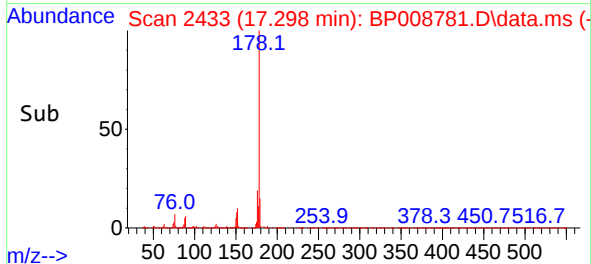
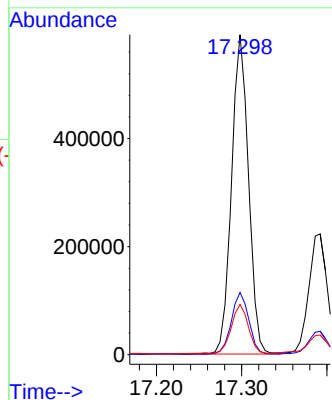
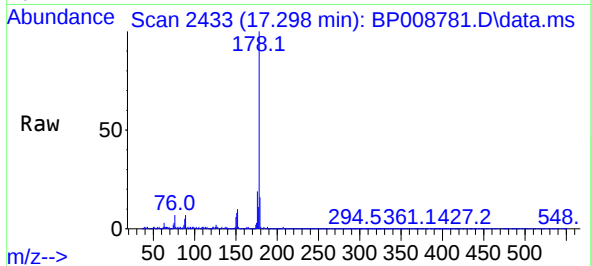
PT-03-011122

Tgt Ion:178 Resp: 81952
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.7 13.0 19.4

Manual Integrations

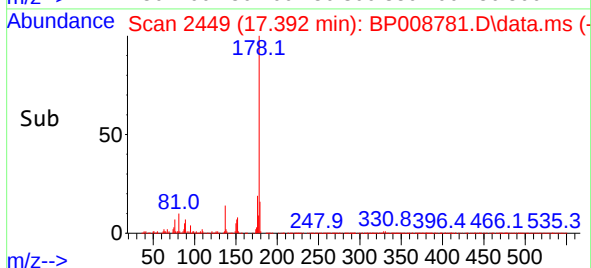
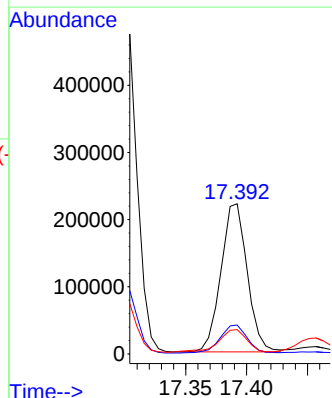
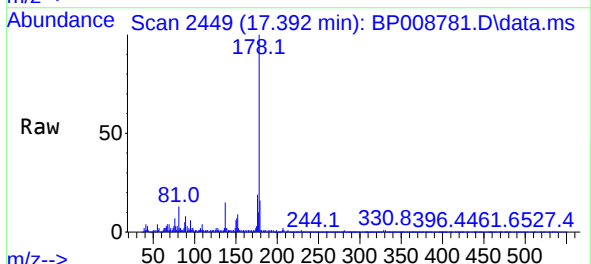
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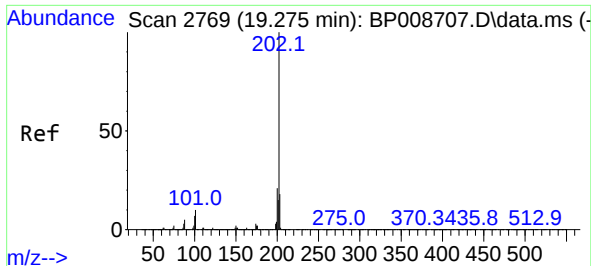
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#72
Anthracene
Concen: 2.483 ng
RT: 17.392 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

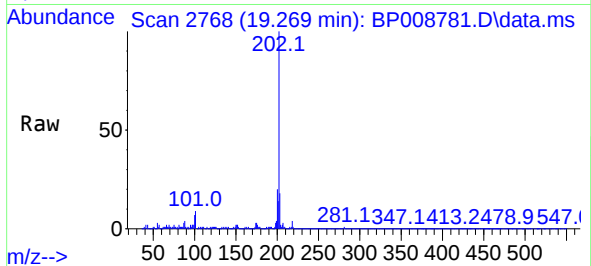
Tgt Ion:178 Resp: 331493
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 16.2 12.8 19.2





#75
Fluoranthene
Concen: 7.101 ng
RT: 19.269 min Scan# 21158
Delta R.T. -0.000 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

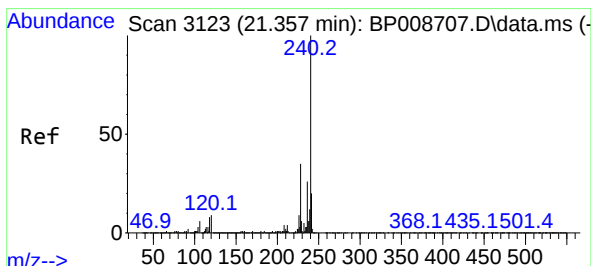
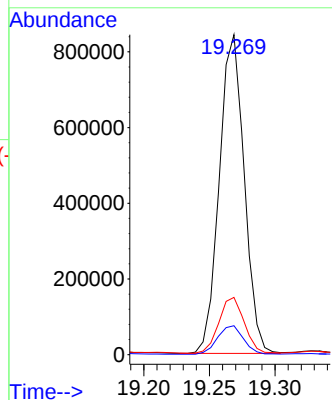
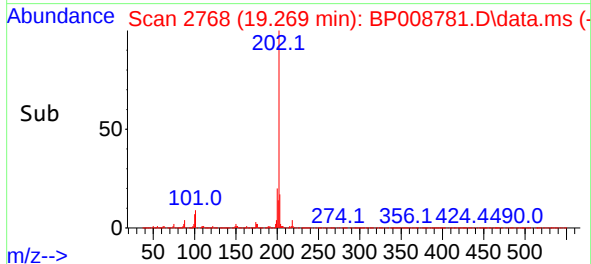
Instrument :
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Tgt Ion:202 Resp: 111158
Ion Ratio Lower Upper
202 100
101 9.1 0.0 30.7
203 17.9 0.0 38.9

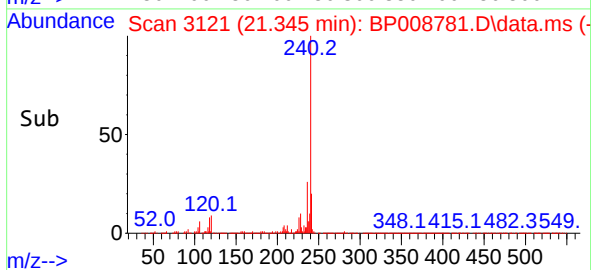
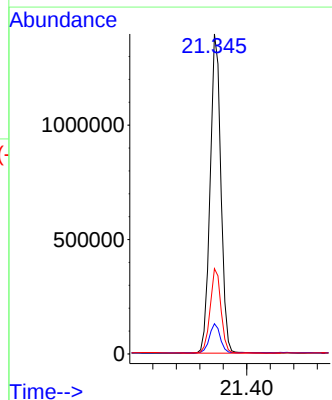
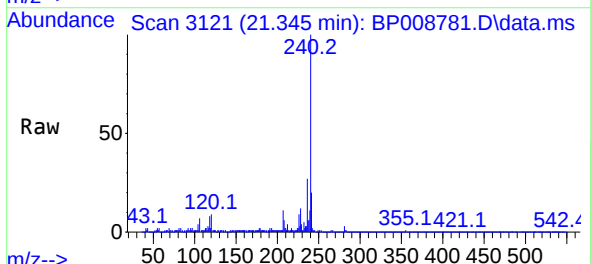
Manual Integrations
APPROVED

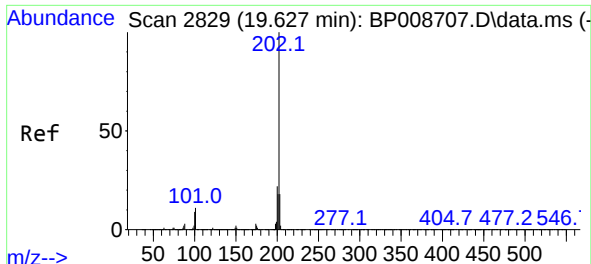
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

Tgt Ion:240 Resp: 1769182
Ion Ratio Lower Upper
240 100
120 9.5 7.7 11.5
236 26.7 21.2 31.8





#78
Pyrene
Concen: 11.519 ng
RT: 19.622 min Scan# 2829
Delta R.T. -0.000 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

Instrument :

BNA_P

ClientSampleId :

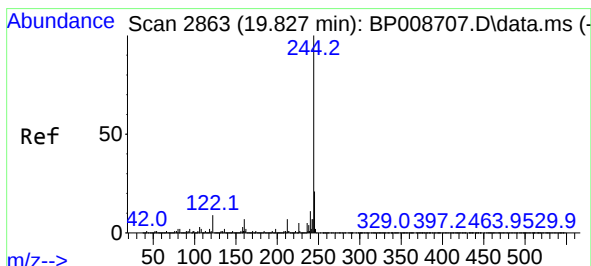
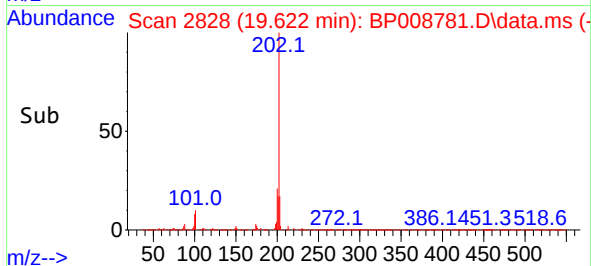
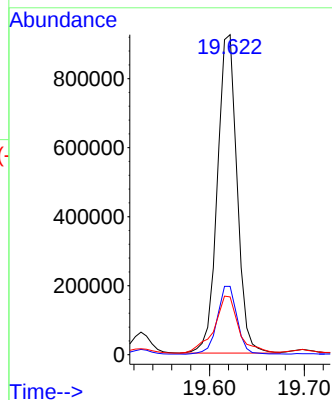
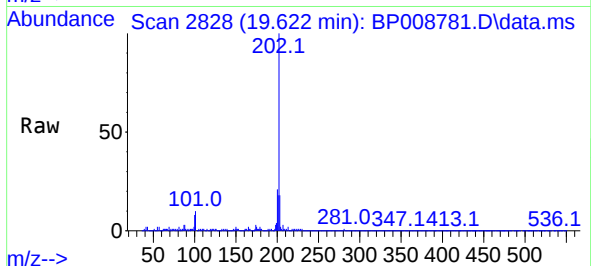
PT-03-011122

Tgt Ion:202 Resp: 1332579
Ion Ratio Lower Upper
202 100
200 21.3 18.0 27.0
203 18.1 15.0 22.6

Manual Integrations

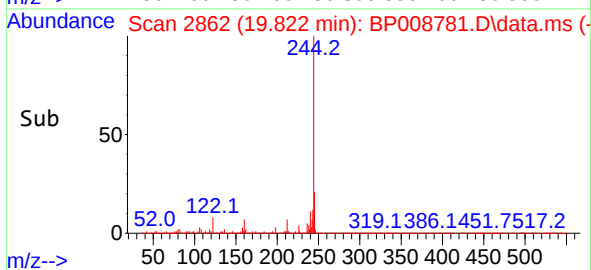
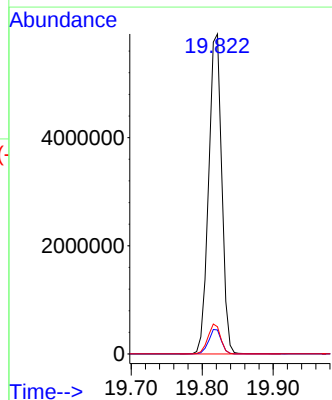
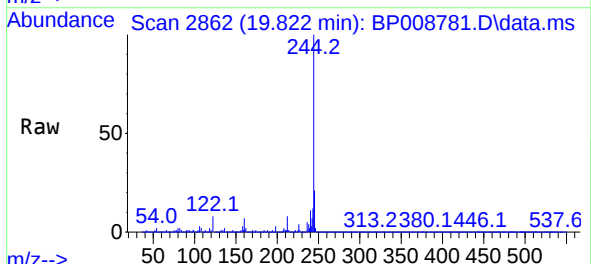
APPROVED

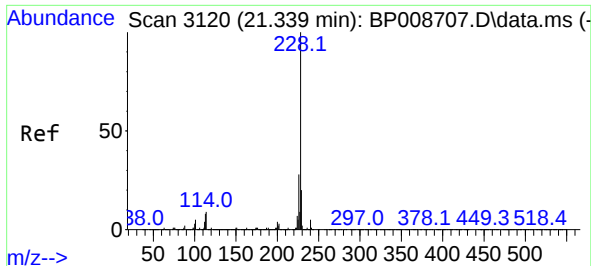
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#79
Terphenyl-d14
Concen: 87.422 ng
RT: 19.822 min Scan# 2862
Delta R.T. 0.006 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

Tgt Ion:244 Resp: 7589642
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 8.5 9.2 13.8#





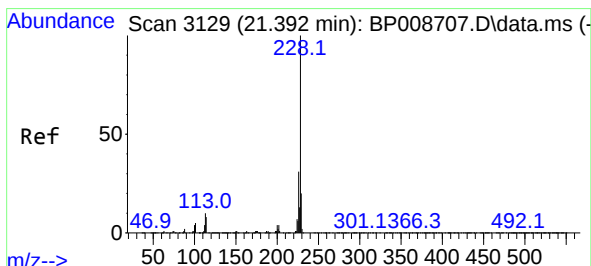
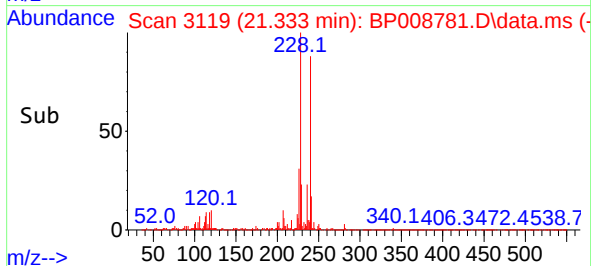
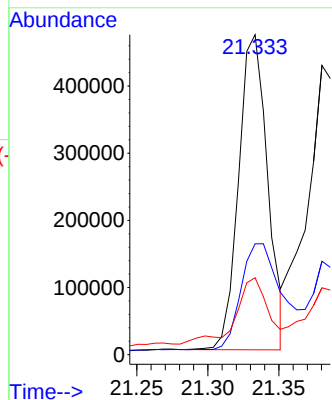
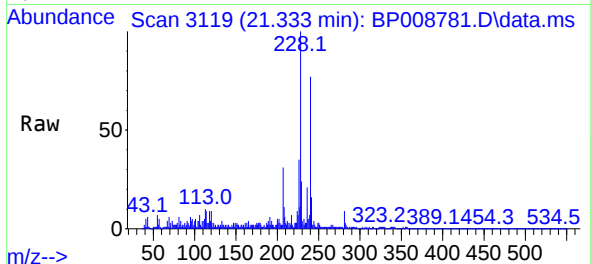
#81
Benzo(a)anthracene
Concen: 5.751 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

Instrument :
BNA_P
ClientSampleId :
PT-03-011122

Tgt Ion:228 Resp: 667474
Ion Ratio Lower Upper
228 100
226 34.6 23.3 34.9
229 24.1 17.0 25.6

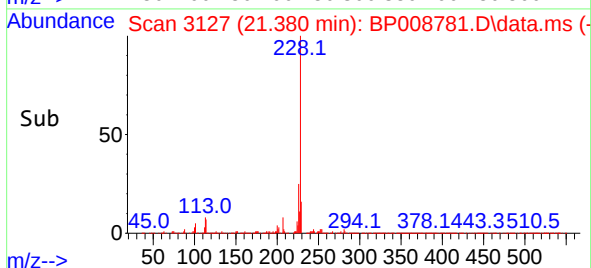
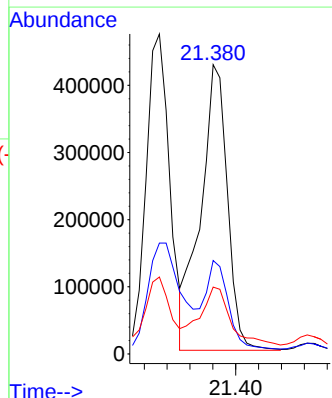
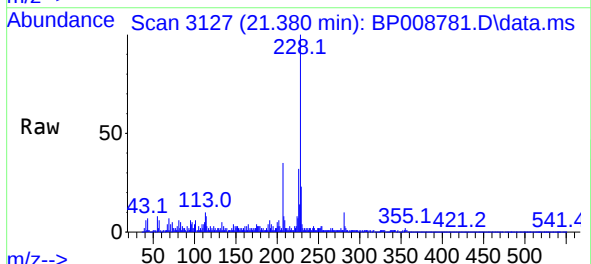
Manual Integrations
APPROVED

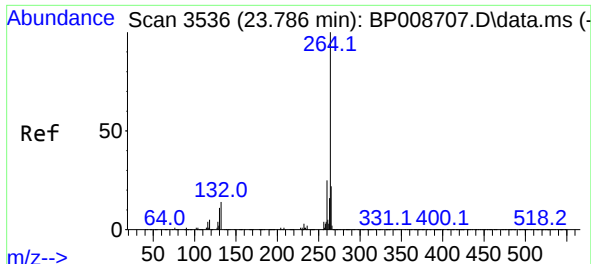
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#83
Chrysene
Concen: 6.238 ng m
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

Tgt Ion:228 Resp: 698444
Ion Ratio Lower Upper
228 100
226 32.3 26.0 39.0
229 23.1 16.9 25.3





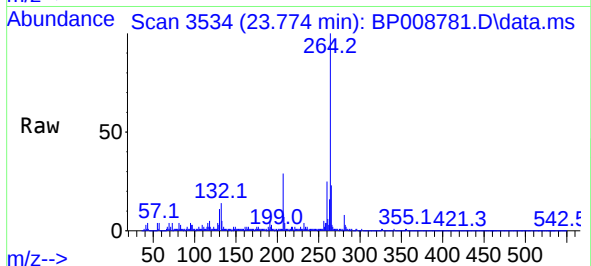
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

Instrument :

BNA_P

ClientSampleId :

PT-03-011122

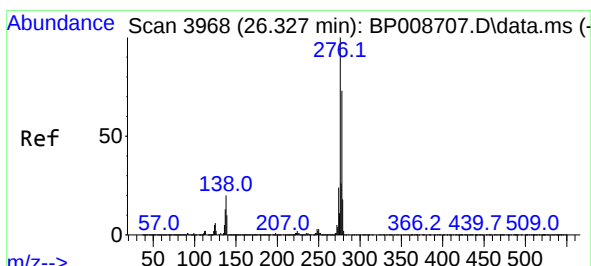
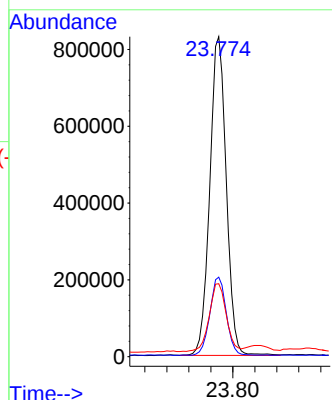
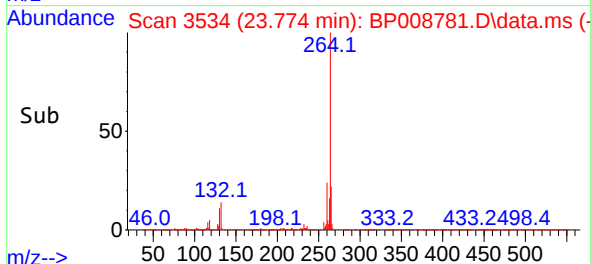


Tgt Ion:264 Resp: 172945
Ion Ratio Lower Upper
264 100
260 24.8 19.1 28.7
265 22.8 17.1 25.7

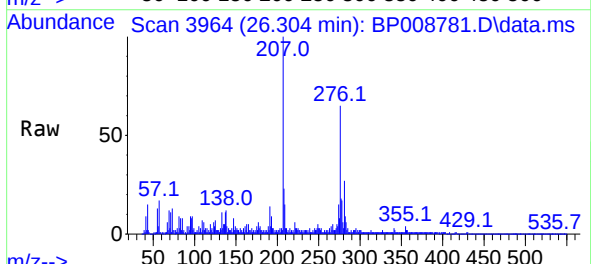
Manual Integrations

APPROVED

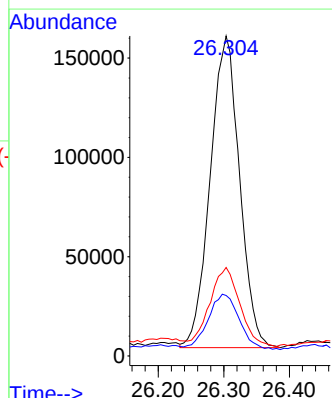
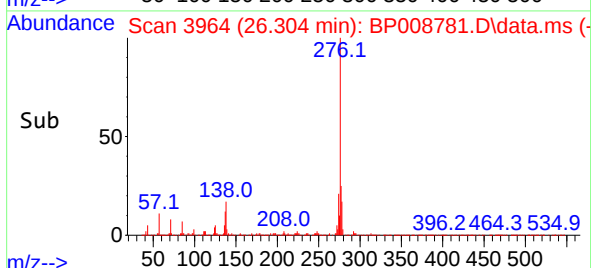
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022

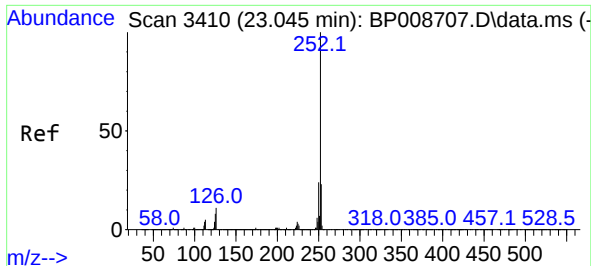


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.528 ng
RT: 26.304 min Scan# 3964
Delta R.T. 0.006 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07



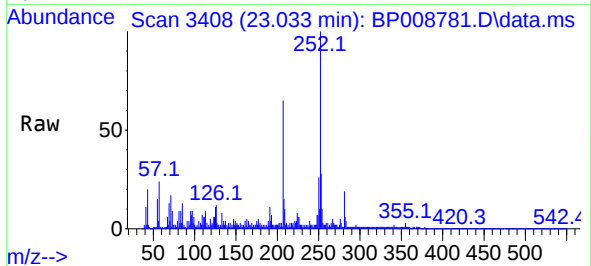
Tgt Ion:276 Resp: 487572
Ion Ratio Lower Upper
276 100
138 18.9 17.8 26.6
277 26.0 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 7.842 ng m
RT: 23.033 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

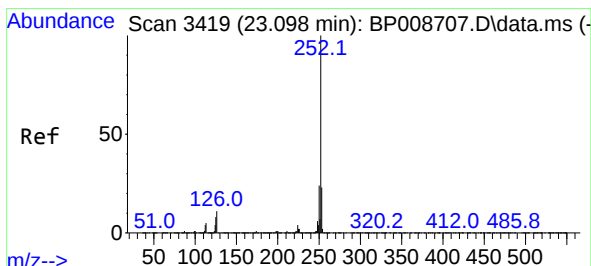
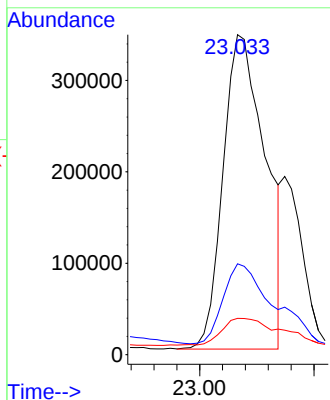
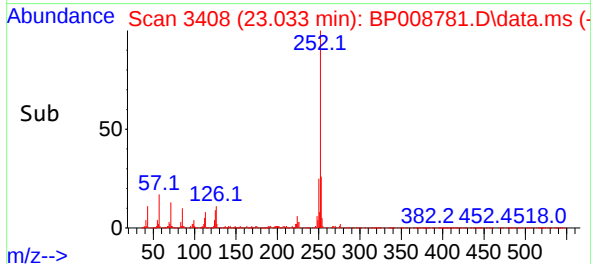
Instrument :
BNA_P
ClientSampleId :
PT-03-011122



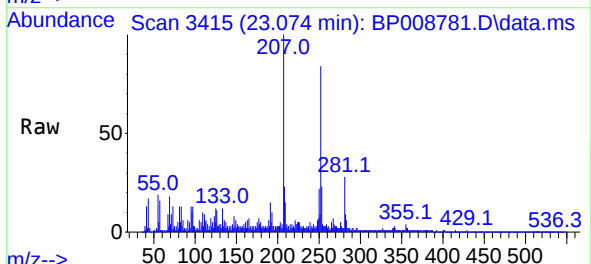
Tgt Ion:252 Resp: 88616
Ion Ratio Lower Upper
252 100
253 28.4 18.0 27.0
125 11.3 6.9 10.3

Manual Integrations
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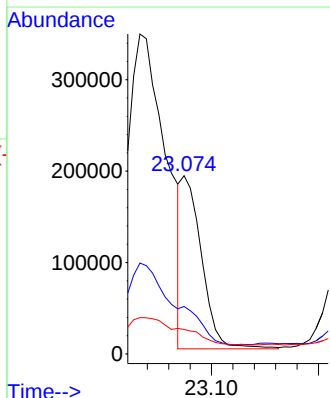
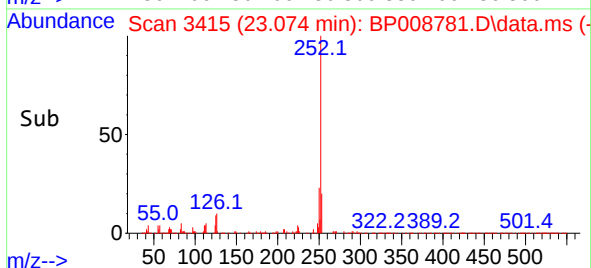
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022

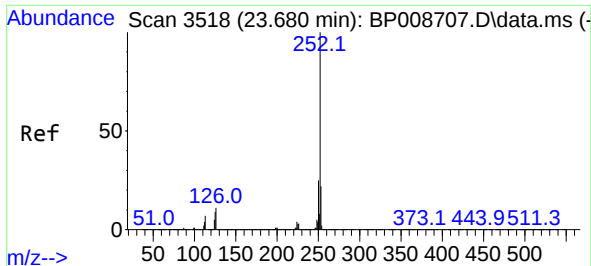


#89
Benzo(k)fluoranthene
Concen: 2.338 ng m
RT: 23.074 min Scan# 3415
Delta R.T. -0.006 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07



Tgt Ion:252 Resp: 247308
Ion Ratio Lower Upper
252 100
253 26.7 18.2 27.2
125 13.7 7.3 10.9





#90
Benzo(a)pyrene
Concen: 6.706 ng
RT: 23.663 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

Instrument :

BNA_P

ClientSampleId :

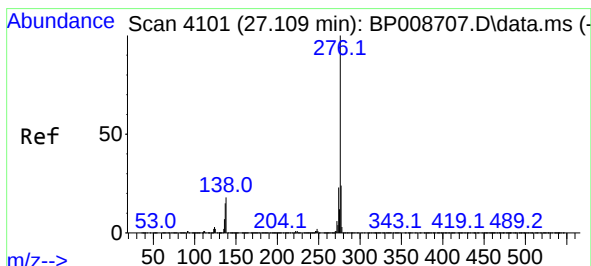
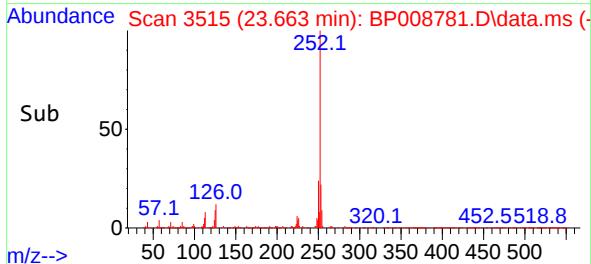
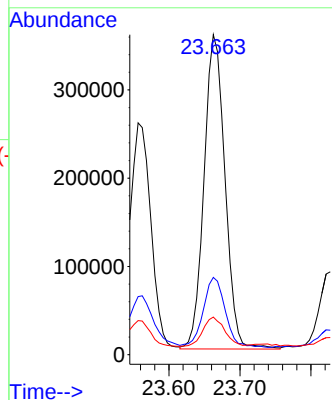
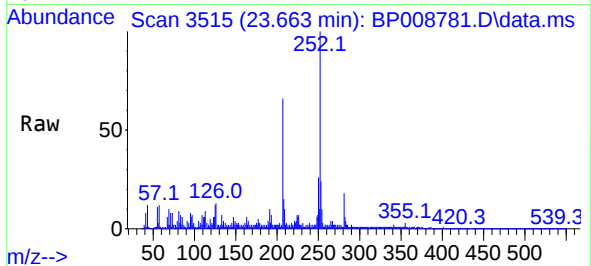
PT-03-011122

Tgt Ion:252 Resp: 732470
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 11.7 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#92
Benzo(g,h,i)perylene
Concen: 4.688 ng
RT: 27.080 min Scan# 4096
Delta R.T. 0.006 min
Lab File: BP008781.D
Acq: 12 Jan 2022 19:07

Tgt Ion:276 Resp: 543424
Ion Ratio Lower Upper
276 100
277 26.7 19.2 28.8
138 20.0 15.0 22.4

