

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
 Data File : BP008774.D
 Acq On : 12 Jan 2022 15:14
 Operator : CG/JU
 Sample : N1097-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3D

Manual Integrations
 APPROVED

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

Quant Time: Jan 12 16:22:28 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	475012	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1886206	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1263503	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2670629	20.000	ng	0.00
76) Chrysene-d12	21.345	240	2477603	20.000	ng	0.00
86) Perylene-d12	23.768	264	2067219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2667545	87.940	ng	0.00
7) Phenol-d6	7.040	99	3361370	82.547	ng	0.00
23) Nitrobenzene-d5	9.022	82	2078203	62.398	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1740364	81.643	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	5360029	59.641	ng	0.00
79) Terphenyl-d14	19.816	244	7873254	64.758	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.222	152	324912	2.705	ng	99
71) Phenanthrene	17.298	178	3200118	21.567	ng	99
72) Anthracene	17.386	178	879342	5.803	ng	100
75) Fluoranthene	19.269	202	8143963	45.835	ng	99
78) Pyrene	19.622	202	8104121	50.025	ng	100
80) Butylbenzylphthalate	20.492	149	895946	13.526	ng	99
81) Benzo(a)anthracene	21.333	228	5029140	30.940	ng	100
83) Chrysene	21.386	228	4108759	26.204	ng	98
87) Indeno(1,2,3-cd)pyrene	26.298	276	1786439	10.815	ng	96
88) Benzo(b)fluoranthene	23.033	252	4325759m	32.026	ng	
89) Benzo(k)fluoranthene	23.074	252	1643290m	13.000	ng	
90) Benzo(a)pyrene	23.663	252	3284352	25.158	ng	98
91) Dibenzo(a,h)anthracene	26.298	278	515884	3.696	ng	# 81
92) Benzo(g,h,i)perylene	27.068	276	1669239	12.048	ng	99

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

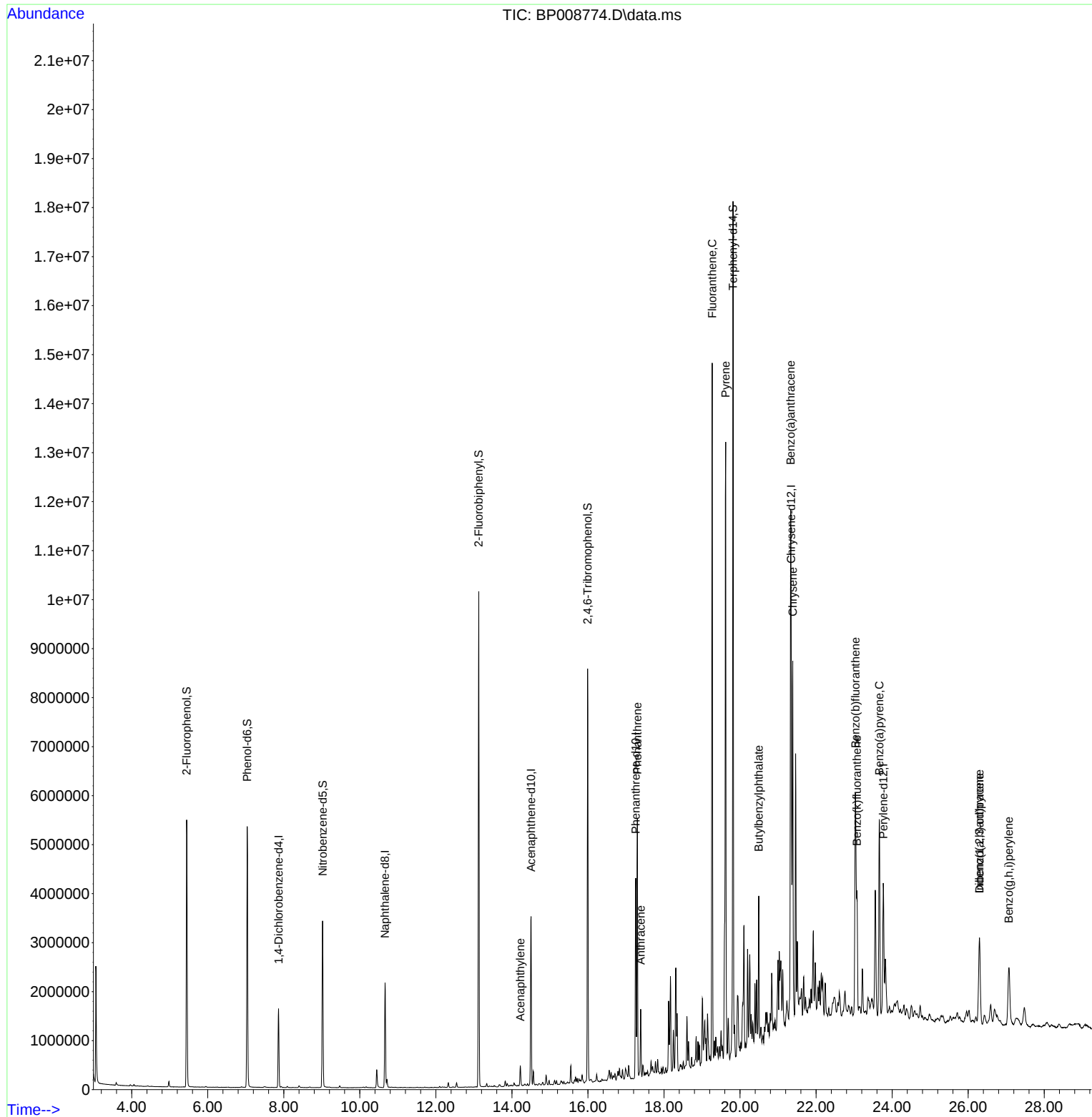
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
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ALS Vial : 6 Sample Multiplier: 1

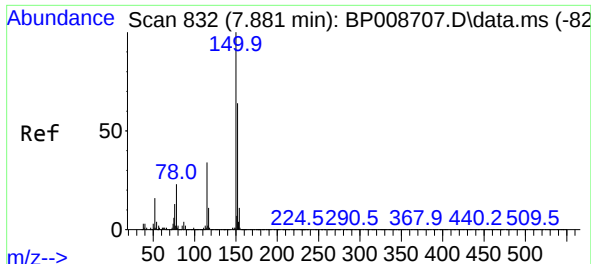
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
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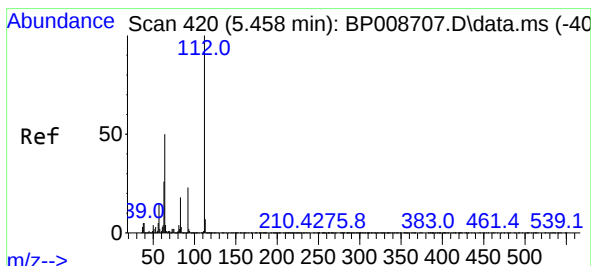
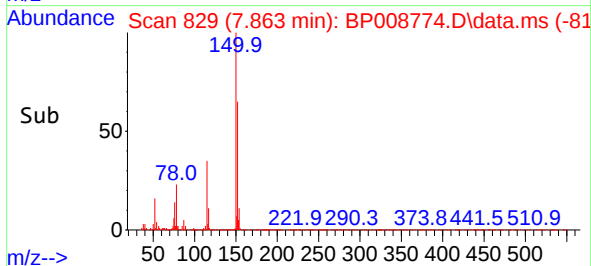
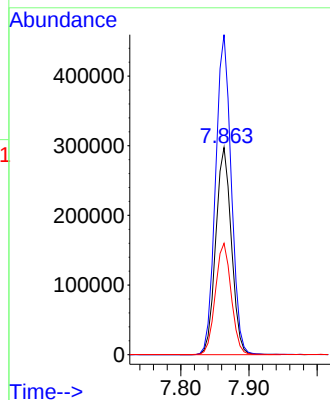
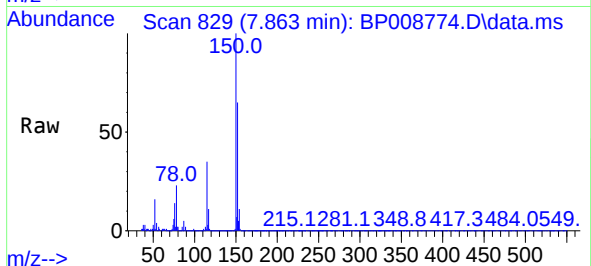
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

Instrument :
BNA_P
ClientSampleId :
TP-3D

Tgt Ion:152 Resp: 475012
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 53.8 43.7 65.5

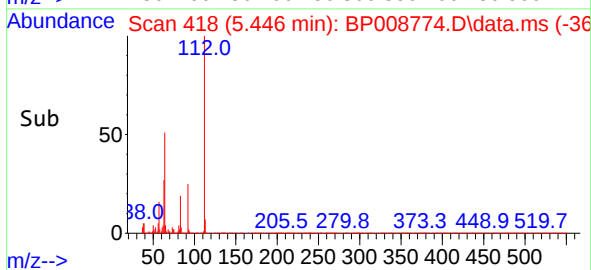
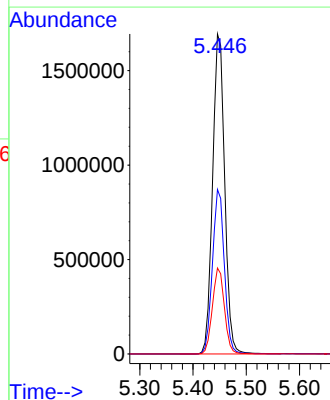
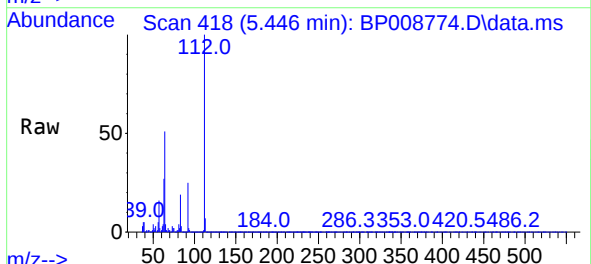
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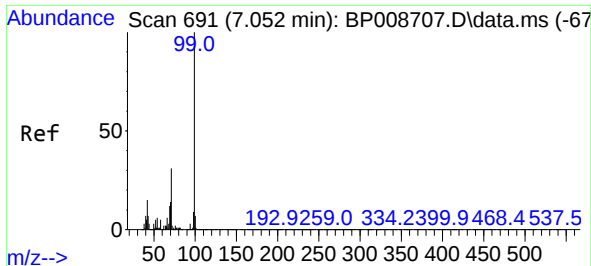
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#5
2-Fluorophenol
Concen: 87.940 ng
RT: 5.446 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

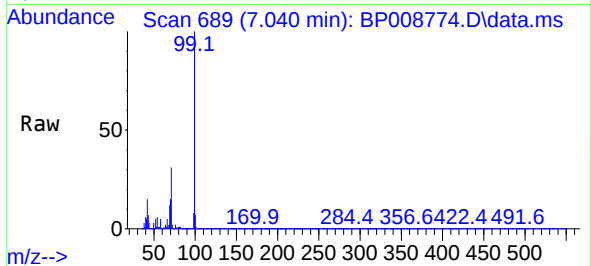
Tgt Ion:112 Resp: 2667545
Ion Ratio Lower Upper
112 100
64 51.4 39.7 59.5
63 26.8 20.0 30.0





#7
Phenol-d6
Concen: 82.547 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

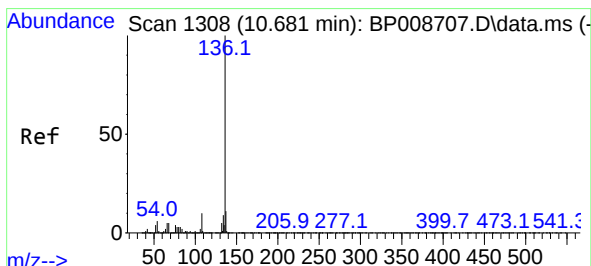
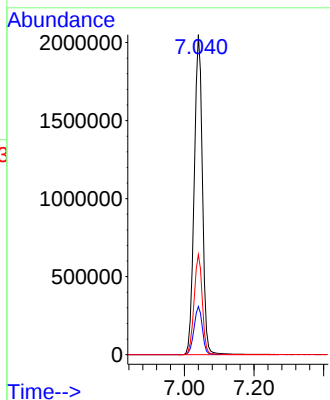
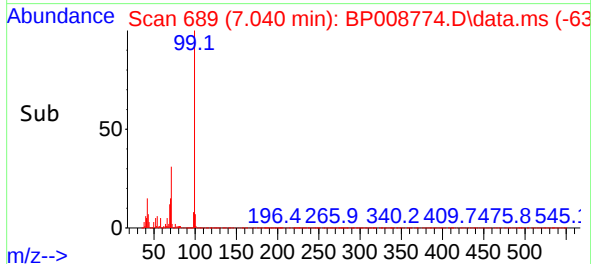
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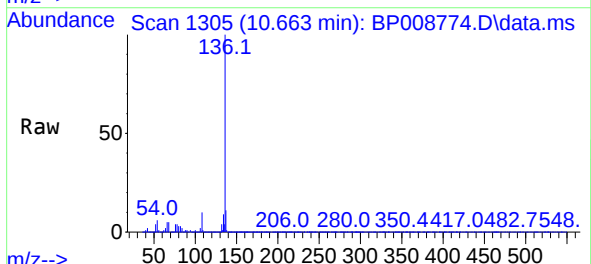
Tgt Ion: 99 Resp: 3361370
Ion Ratio Lower Upper
99 100
42 15.0 10.8 16.2
71 31.3 23.8 35.6

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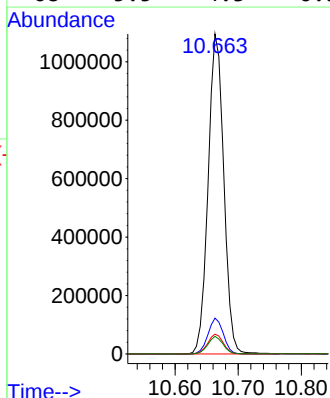
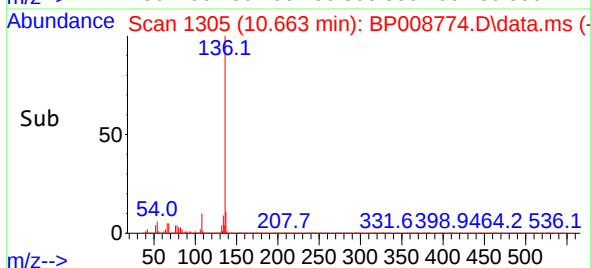
Reviewed By :Christian Giraldo 01/13/2022
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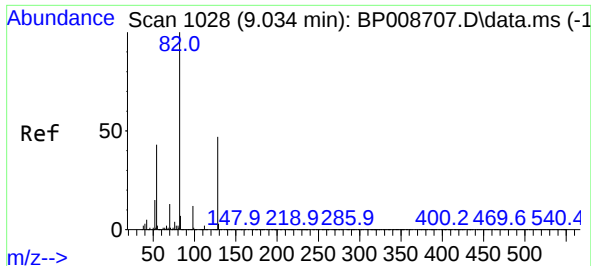


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14



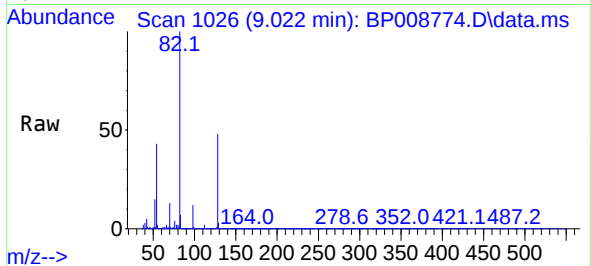
Tgt Ion:136 Resp: 1886206
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.2 4.9 7.3
68 5.5 4.3 6.5





#23
Nitrobenzene-d5
Concen: 62.398 ng
RT: 9.022 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

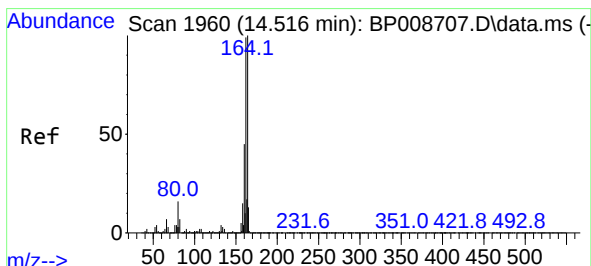
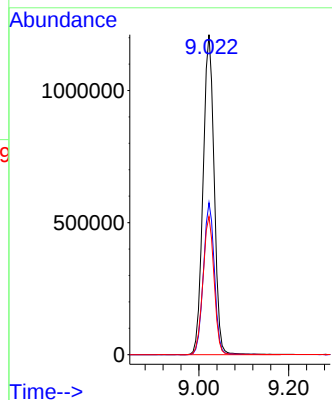
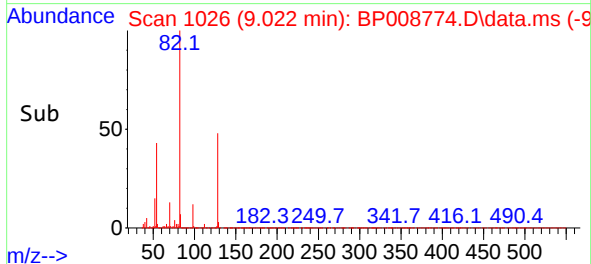
Instrument :
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ClientSampleId :
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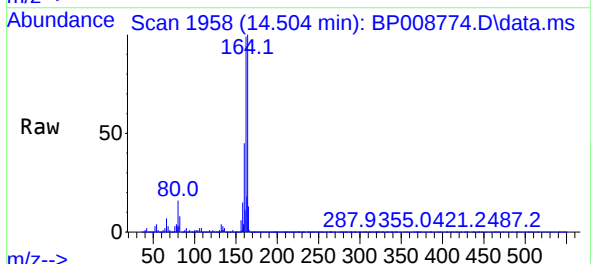
Tgt Ion: 82 Resp: 207820
Ion Ratio Lower Upper
82 100
128 47.5 39.4 59.2
54 43.2 32.6 48.8

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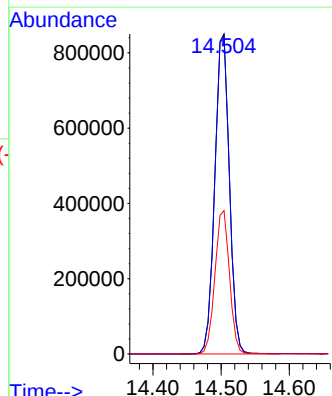
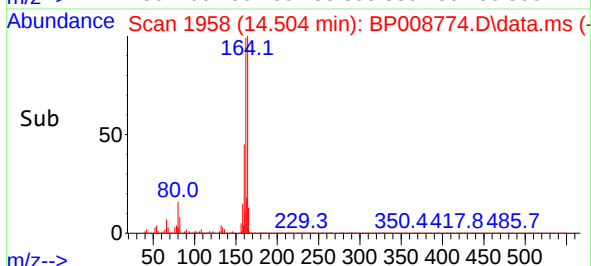
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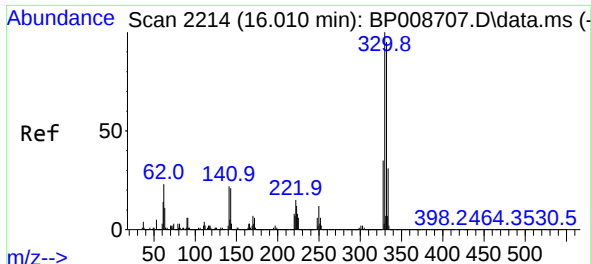


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14



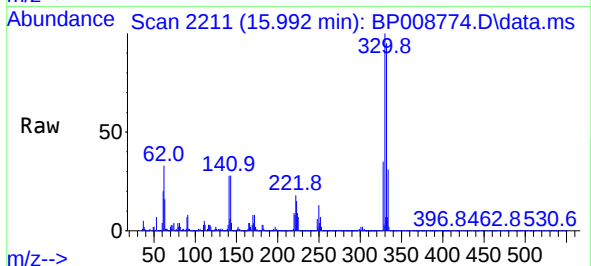
Tgt Ion:164 Resp: 1263503
Ion Ratio Lower Upper
164 100
162 99.4 79.9 119.9
160 44.8 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 81.643 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

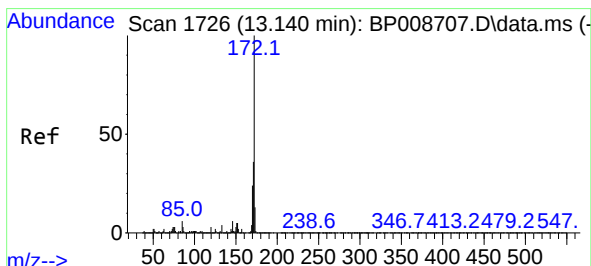
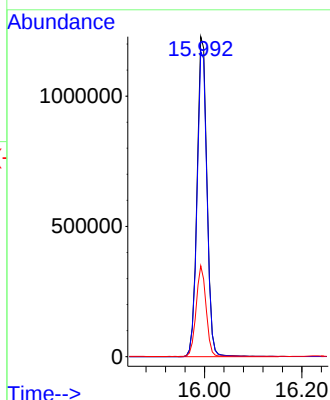
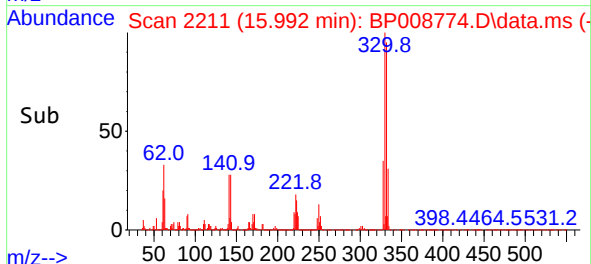
Instrument :
BNA_P
ClientSampleId :
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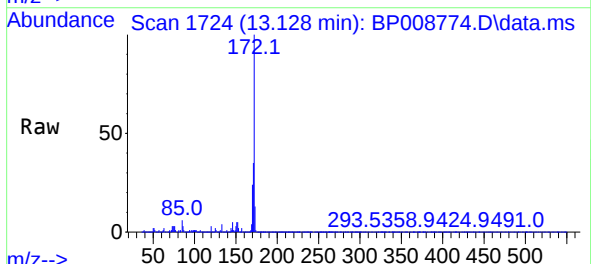
Tgt Ion:330 Resp: 1740364
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 28.4 21.3 31.9

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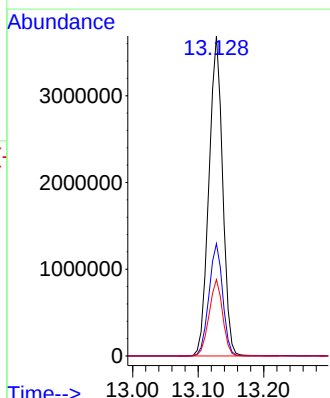
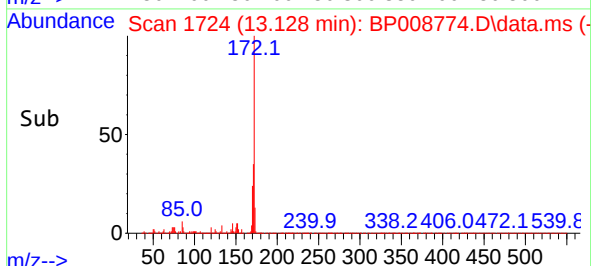
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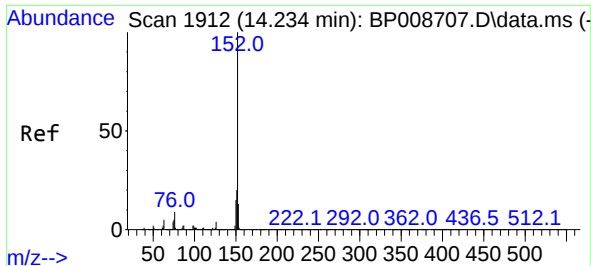


#45
2-Fluorobiphenyl
Concen: 59.641 ng
RT: 13.128 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14



Tgt Ion:172 Resp: 5360029
Ion Ratio Lower Upper
172 100
171 35.1 29.3 43.9
170 23.9 19.5 29.3





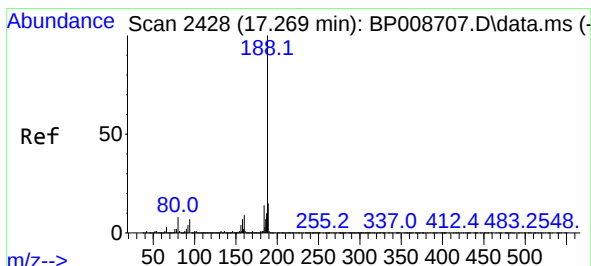
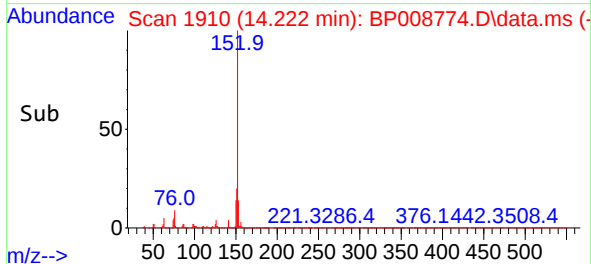
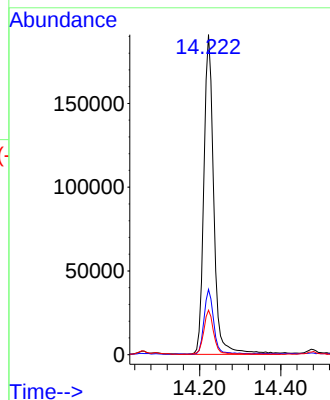
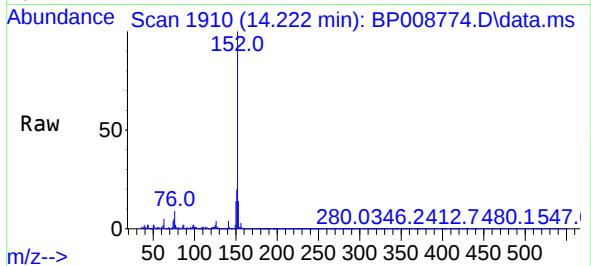
#49
Acenaphthylene
Concen: 2.705 ng
RT: 14.222 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

Instrument :
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ClientSampleId :
TP-3D

Tgt Ion:152 Resp: 324912
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.9 10.6 16.0

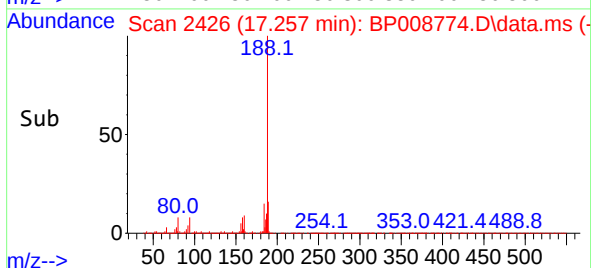
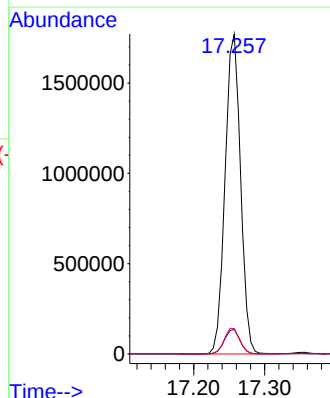
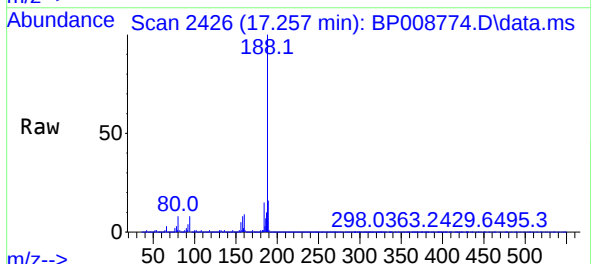
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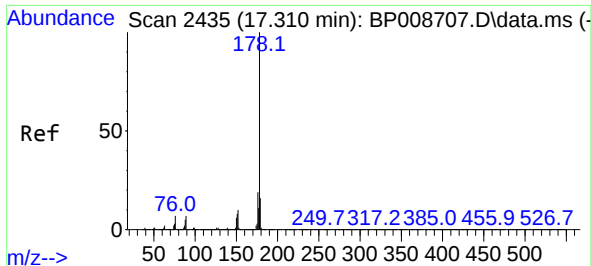
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

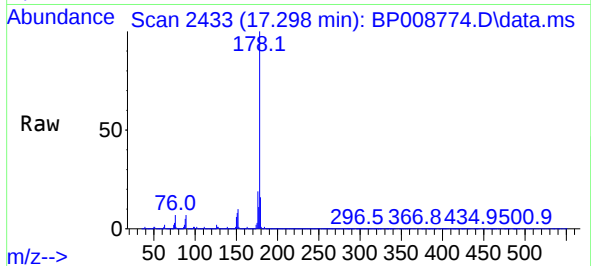
Tgt Ion:188 Resp: 2670629
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 7.9 7.2 10.8





#71
Phenanthrene
Concen: 21.567 ng
RT: 17.298 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

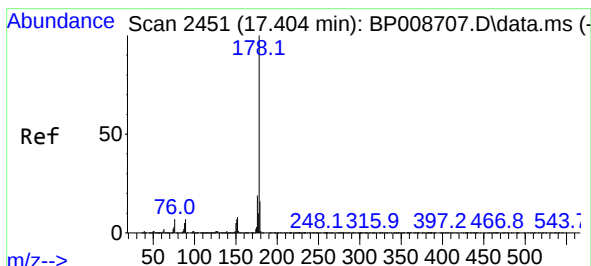
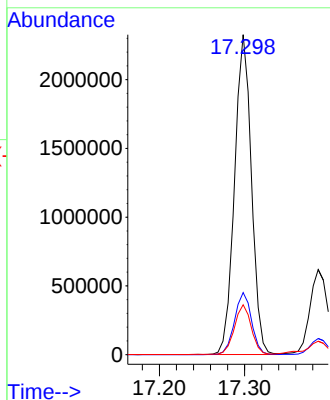
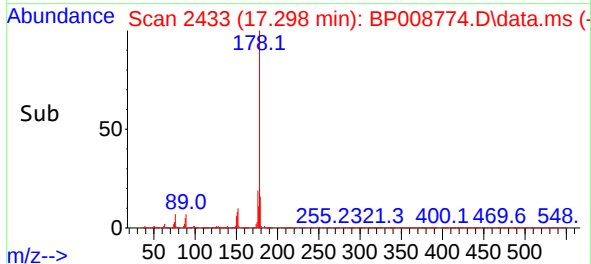
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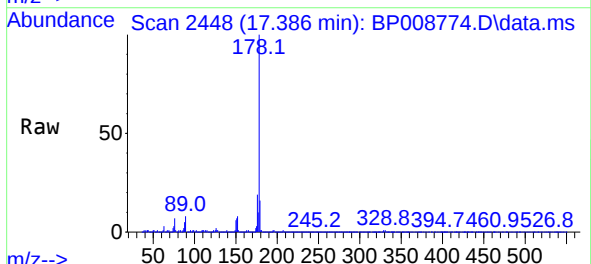
Tgt Ion:178 Resp: 3200118
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.6 13.0 19.4

Manual Integrations
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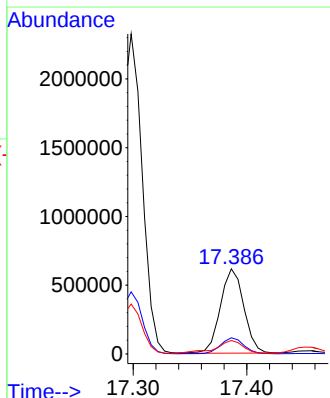
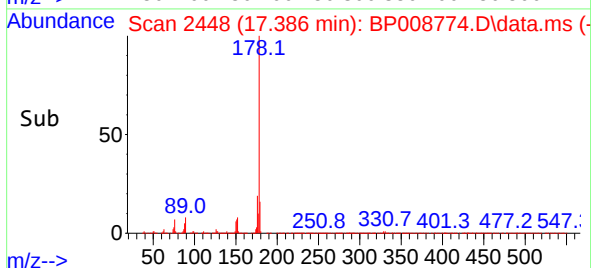
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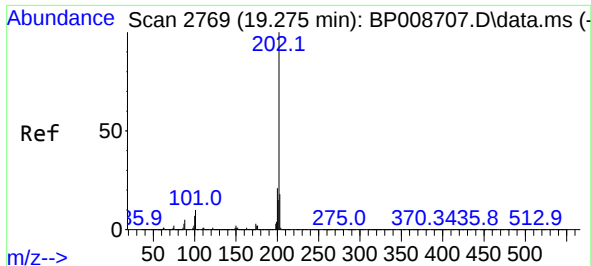


#72
Anthracene
Concen: 5.803 ng
RT: 17.386 min Scan# 2448
Delta R.T. -0.006 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14



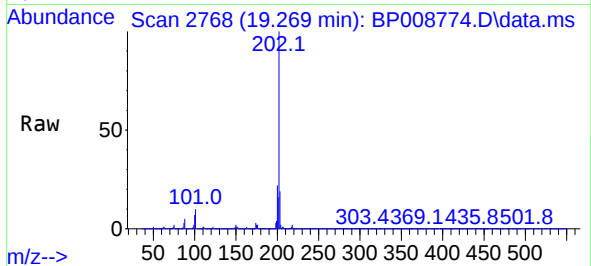
Tgt Ion:178 Resp: 879342
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.8 12.8 19.2





#75
Fluoranthene
Concen: 45.835 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

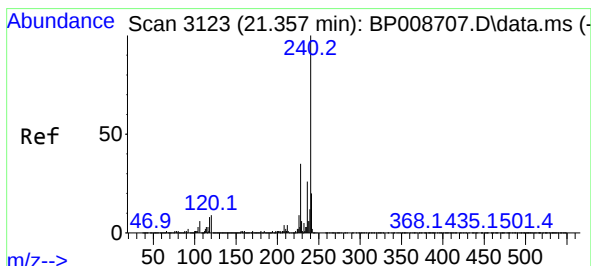
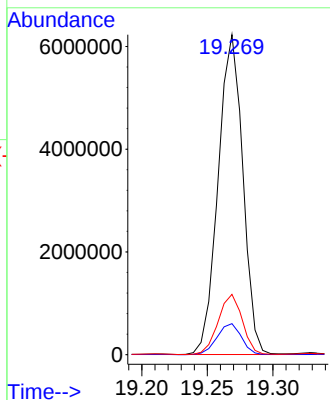
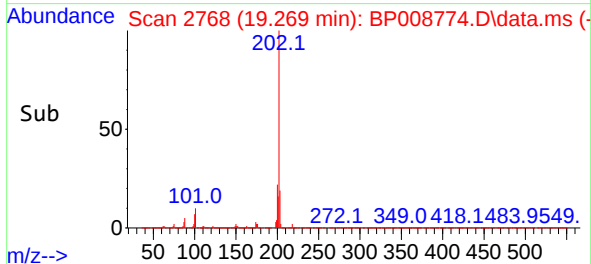
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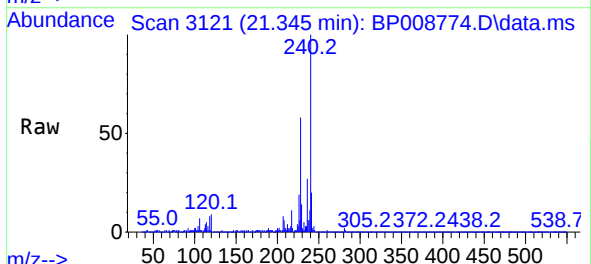
Tgt Ion:202 Resp: 814396
Ion Ratio Lower Upper
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101 9.7 0.0 30.7
203 18.9 0.0 38.9

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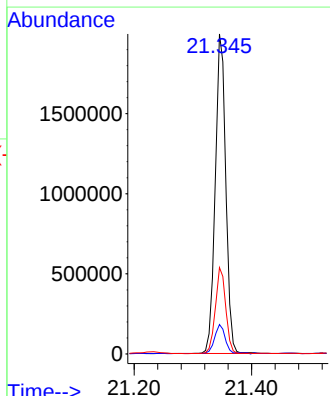
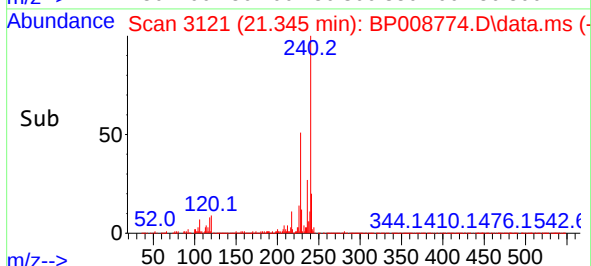
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022

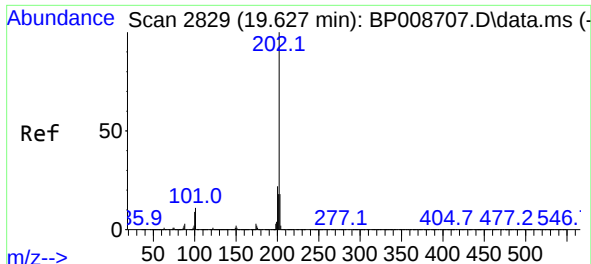


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14



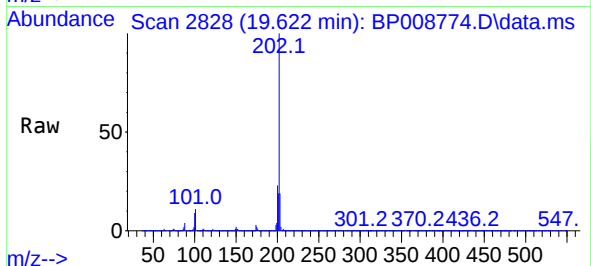
Tgt Ion:240 Resp: 2477603
Ion Ratio Lower Upper
240 100
120 9.2 7.7 11.5
236 27.0 21.2 31.8





#78
Pyrene
Concen: 50.025 ng
RT: 19.622 min Scan# 2829
Delta R.T. -0.000 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

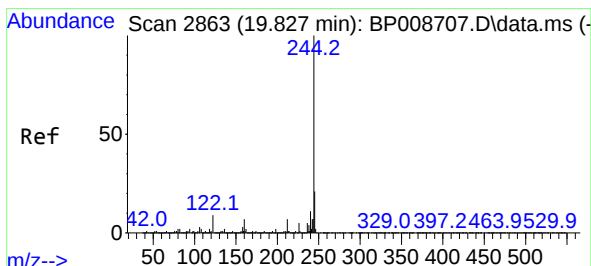
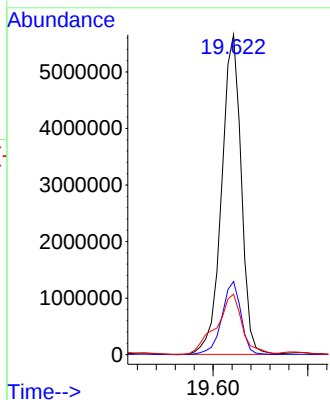
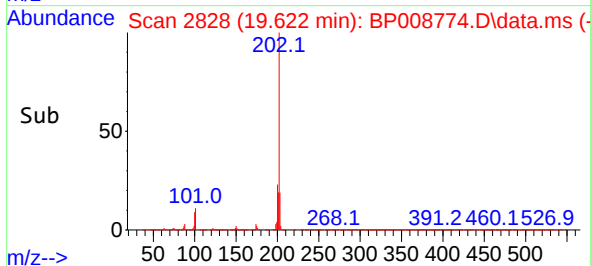
Instrument :
BNA_P
ClientSampleId :
TP-3D



Tgt Ion:202 Resp: 810412
Ion Ratio Lower Upper
202 100
200 22.9 18.0 27.0
203 18.9 15.0 22.6

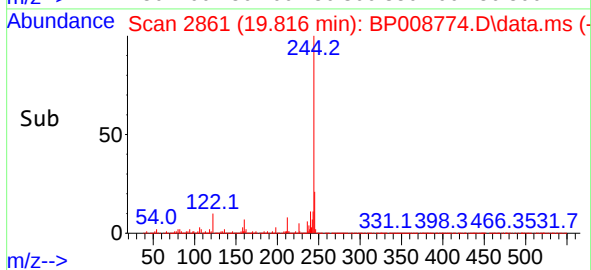
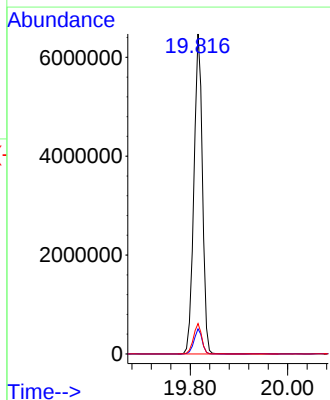
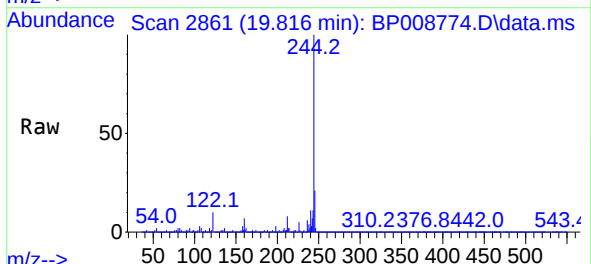
Manual Integrations
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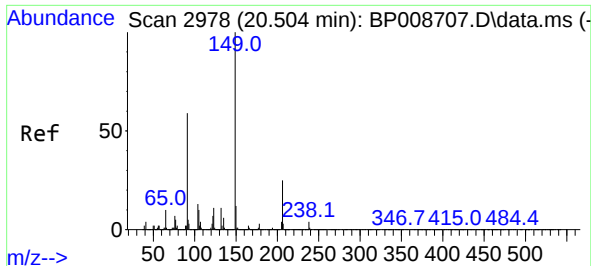
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#79
Terphenyl-d14
Concen: 64.758 ng
RT: 19.816 min Scan# 2861
Delta R.T. -0.000 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

Tgt Ion:244 Resp: 7873254
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 9.5 9.2 13.8





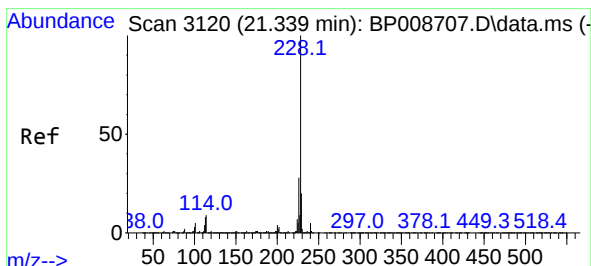
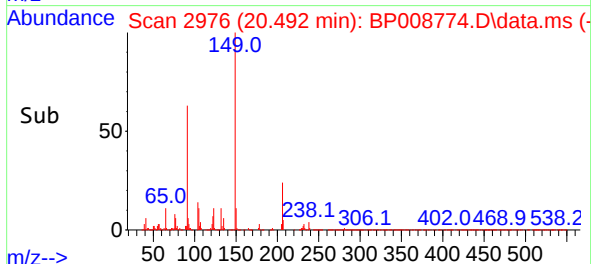
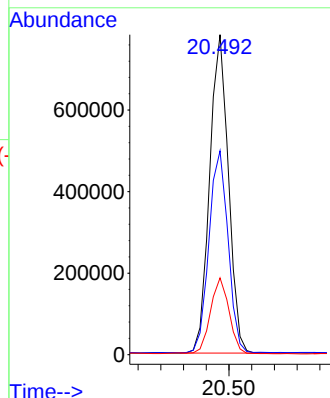
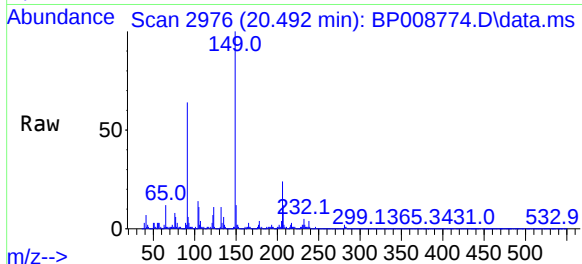
#80
Butylbenzylphthalate
Concen: 13.526 ng
RT: 20.492 min Scan# 2976
Delta R.T. -0.000 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

Instrument :
BNA_P
ClientSampleId :
TP-3D

Tgt Ion:149 Resp: 895940
Ion Ratio Lower Upper
149 100
91 63.7 50.6 76.0
206 24.0 19.7 29.5

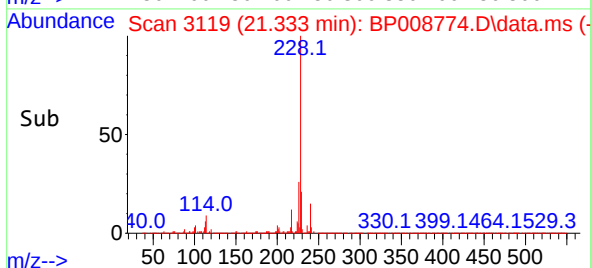
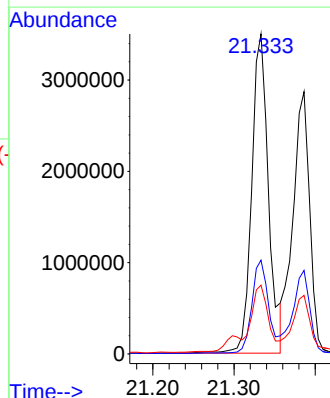
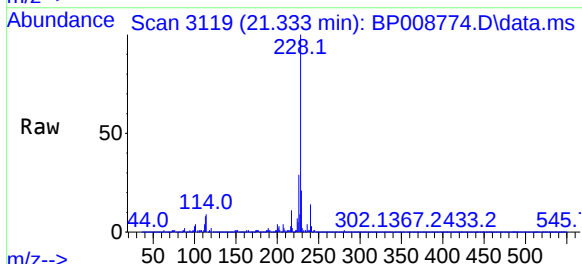
Manual Integrations
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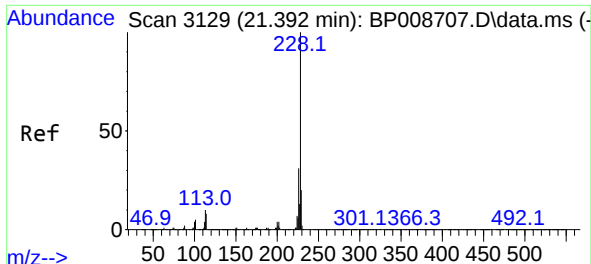
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#81
Benzo(a)anthracene
Concen: 30.940 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

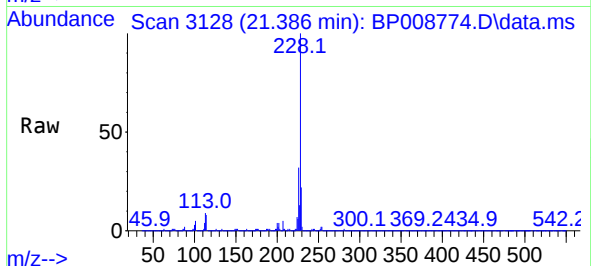
Tgt Ion:228 Resp: 5029140
Ion Ratio Lower Upper
228 100
226 29.3 23.3 34.9
229 21.5 17.0 25.6





#83
Chrysene
Concen: 26.204 ng
RT: 21.386 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

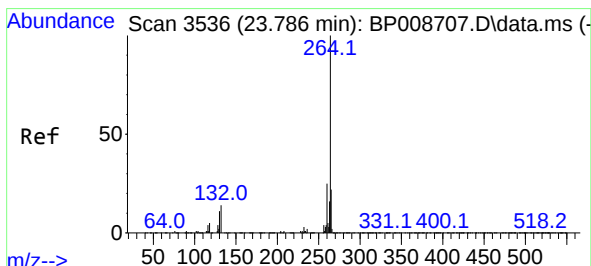
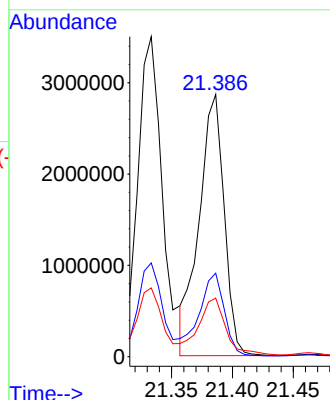
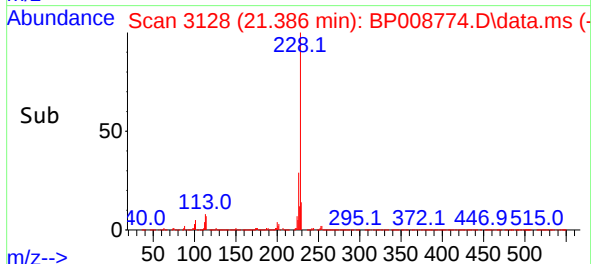
Instrument :
BNA_P
ClientSampleId :
TP-3D



Tgt Ion:228 Resp: 4108759
Ion Ratio Lower Upper
228 100
226 31.9 26.0 39.0
229 22.4 16.9 25.3

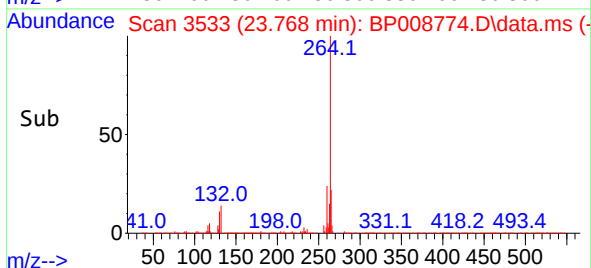
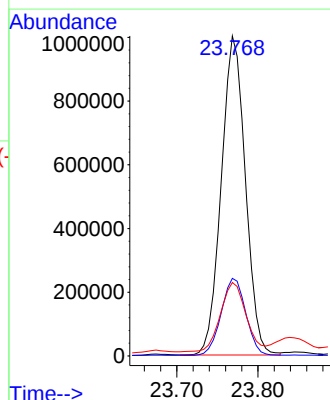
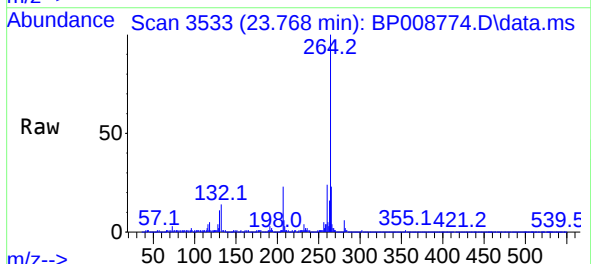
Manual Integrations
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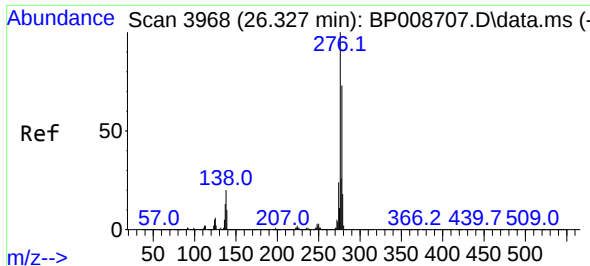
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3533
Delta R.T. -0.000 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

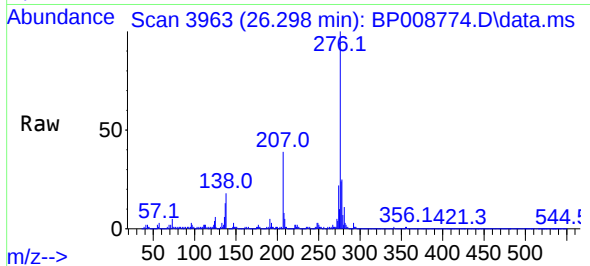
Tgt Ion:264 Resp: 2067219
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 23.0 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 10.815 ng
RT: 26.298 min Scan# 3408
Delta R.T. -0.000 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

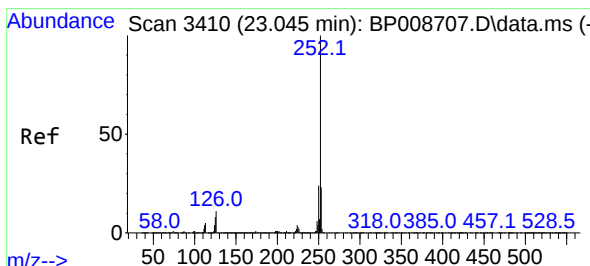
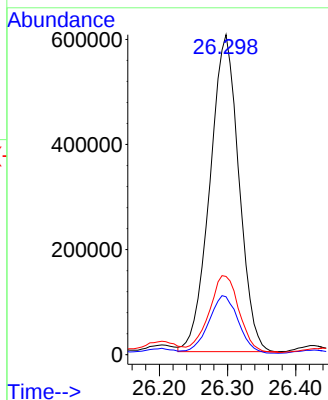
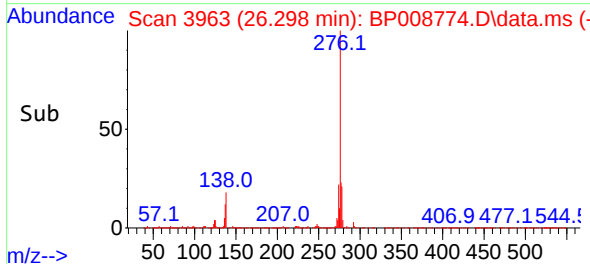
Instrument :
BNA_P
ClientSampleId :
TP-3D



Tgt Ion:276 Resp: 1786439
Ion Ratio Lower Upper
276 100
138 18.7 17.8 26.6
277 25.1 20.4 30.6

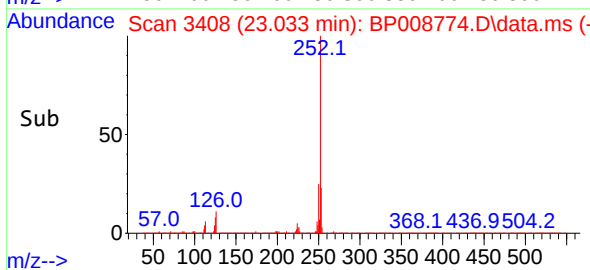
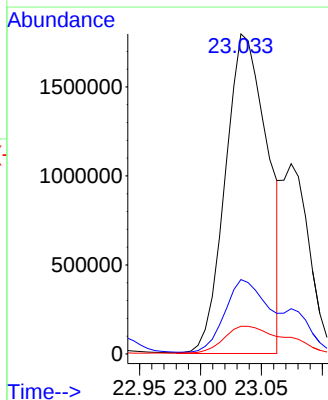
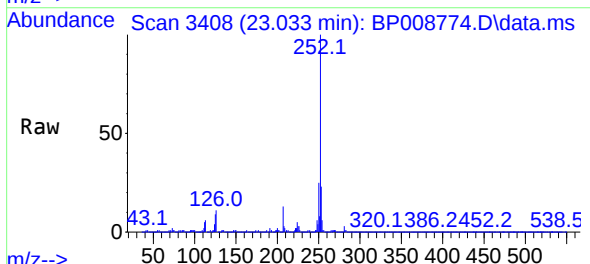
Manual Integrations
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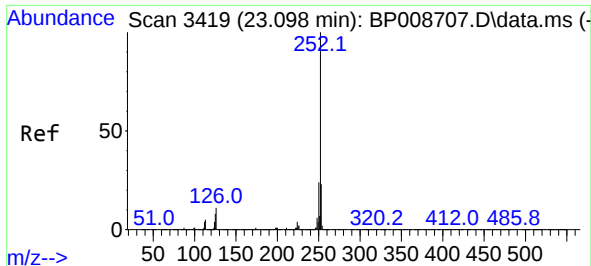
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#88
Benzo(b)fluoranthene
Concen: 32.026 ng m
RT: 23.033 min Scan# 3408
Delta R.T. 0.006 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

Tgt Ion:252 Resp: 4325759
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 8.6 6.9 10.3





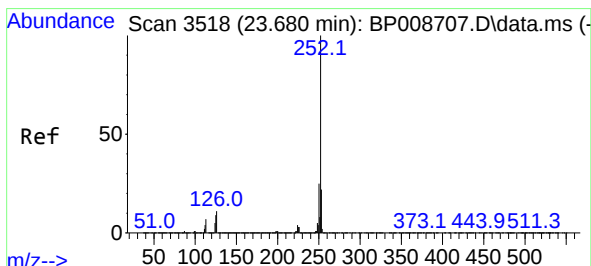
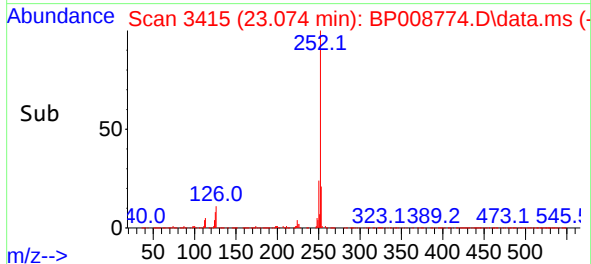
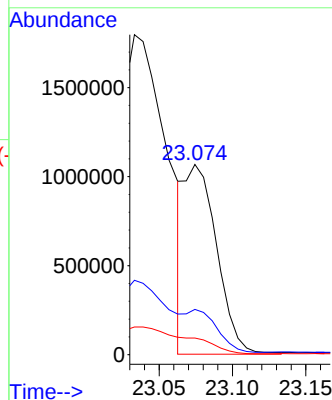
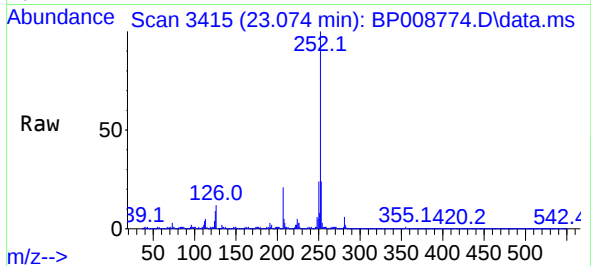
#89
Benzo(k)fluoranthene
Concen: 13.000 ng m
RT: 23.074 min Scan# 3419
Delta R.T. -0.006 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

Instrument :
BNA_P
ClientSampleId :
TP-3D

Tgt Ion:252 Resp: 1643290
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.2
125 8.7 7.3 10.9

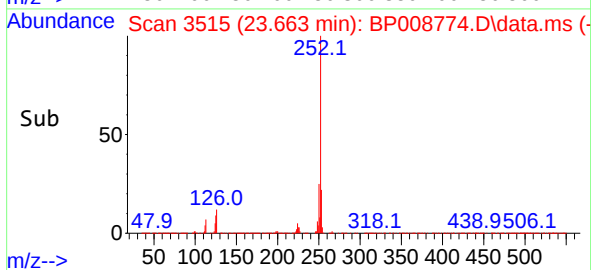
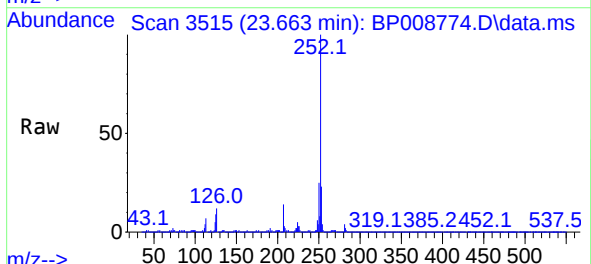
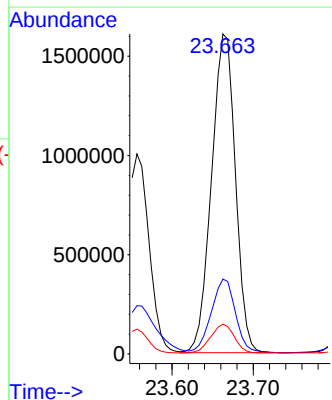
Manual Integrations
APPROVED

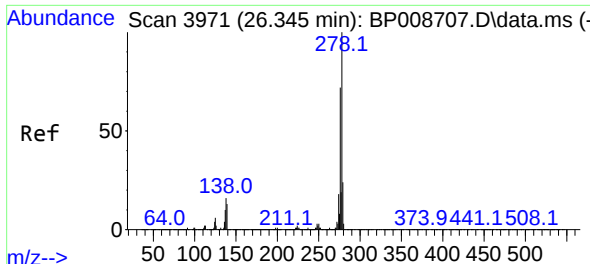
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#90
Benzo(a)pyrene
Concen: 25.158 ng
RT: 23.663 min Scan# 3515
Delta R.T. -0.000 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

Tgt Ion:252 Resp: 3284352
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 9.3 7.8 11.6





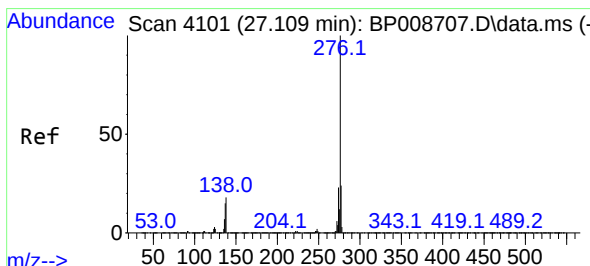
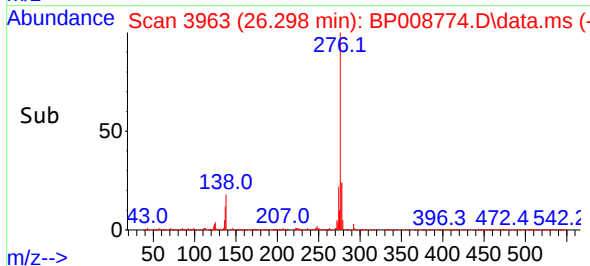
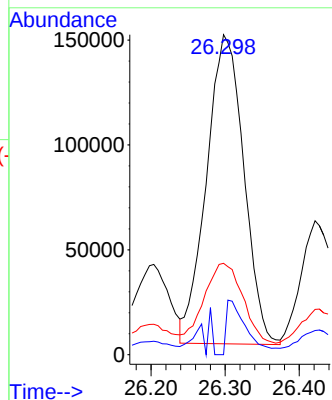
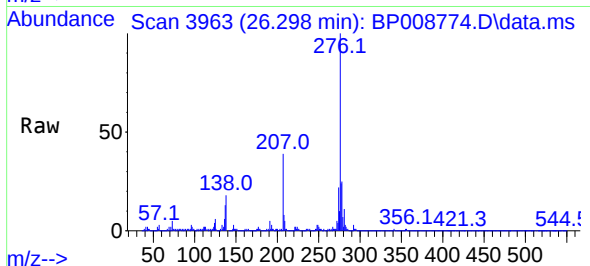
#91
Dibenzo(a,h)anthracene
Concen: 3.696 ng
RT: 26.298 min Scan# 3971
Delta R.T. -0.018 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

Instrument :
BNA_P
ClientSampleId :
TP-3D

Tgt Ion:278 Resp: 515884
Ion Ratio Lower Upper
278 100
139 0.0 11.5 17.3
279 28.6 19.1 28.7

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



#92
Benzo(g,h,i)perylene
Concen: 12.048 ng
RT: 27.068 min Scan# 4094
Delta R.T. -0.006 min
Lab File: BP008774.D
Acq: 12 Jan 2022 15:14

Tgt Ion:276 Resp: 1669239
Ion Ratio Lower Upper
276 100
277 24.9 19.2 28.8
138 18.7 15.0 22.4

