

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
 Data File : BP008779.D
 Acq On : 12 Jan 2022 18:00
 Operator : CG/JU
 Sample : N1107-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PT-04-011122

Quant Time: Jan 13 07:00:39 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	413768	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1731994	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1209035	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2615945	20.000	ng	0.00
76) Chrysene-d12	21.345	240	2020438	20.000	ng	0.00
86) Perylene-d12	23.769	264	1891902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2475064	93.672	ng	0.00
7) Phenol-d6	7.040	99	3210954	90.524	ng	0.00
23) Nitrobenzene-d5	9.022	82	1990650	65.091	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1745010	85.549	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	5552284	64.563	ng	0.00
79) Terphenyl-d14	19.816	244	8655070	87.296	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.298	178	326826	2.249	ng	98
75) Fluoranthene	19.263	202	1353665	7.778	ng	98
78) Pyrene	19.616	202	1288161	9.751	ng	98
81) Benzo(a)anthracene	21.327	228	797628	6.018	ng	99
83) Chrysene	21.380	228	696673	5.448	ng	98
84) Bis(2-ethylhexyl)phtha...	21.257	149	166685	2.114	ng	# 73
87) Indeno(1,2,3-cd)pyrene	26.292	276	515048	3.407	ng	96
88) Benzo(b)fluoranthene	23.033	252	991293	8.019	ng	97
89) Benzo(k)fluoranthene	23.074	252	319111m	2.758	ng	
90) Benzo(a)pyrene	23.663	252	704321	5.895	ng	98
92) Benzo(g,h,i)perylene	27.068	276	502609	3.964	ng	96

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

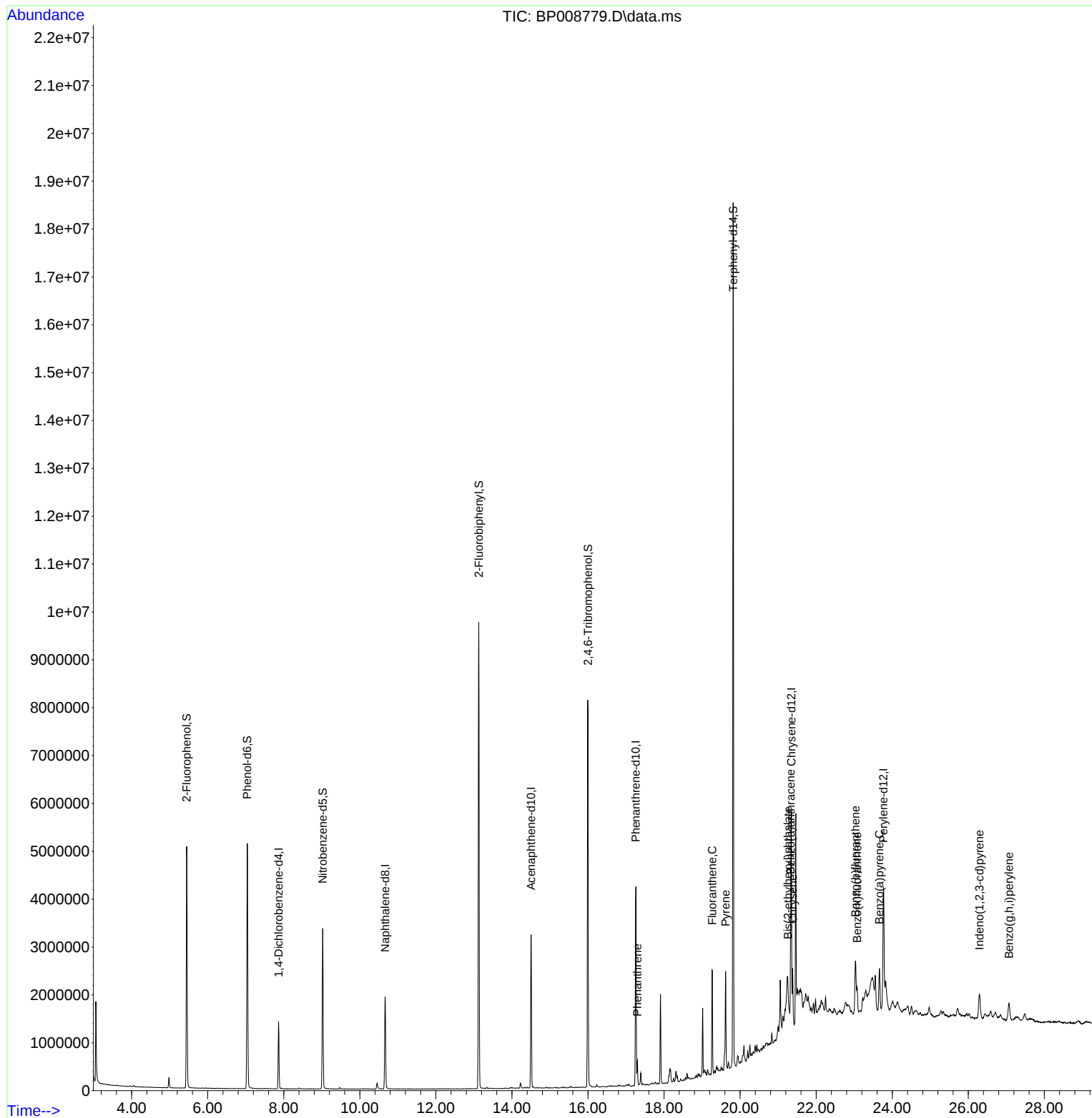
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Data File : BP008779.D
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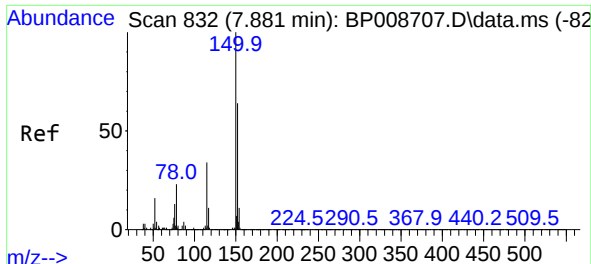
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
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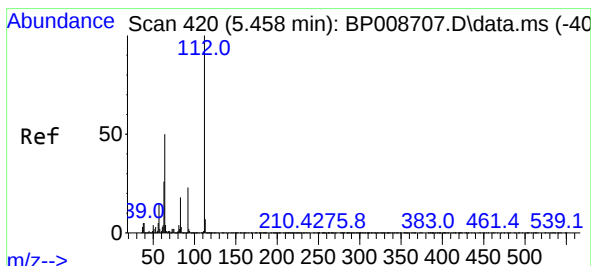
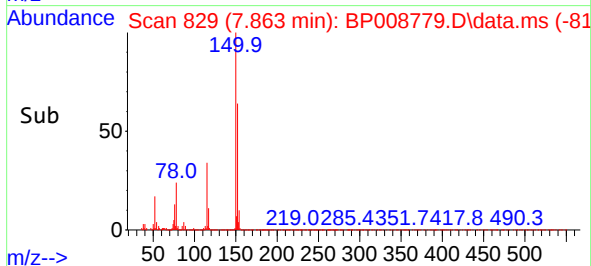
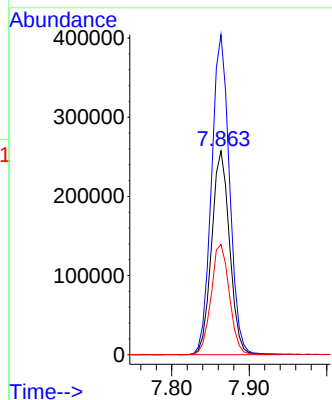
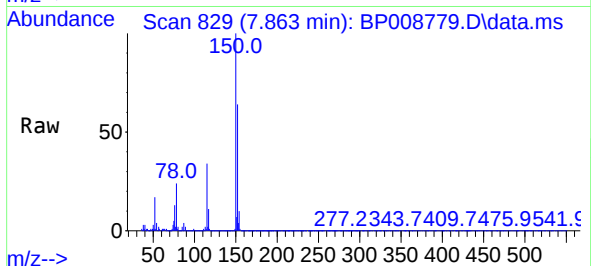
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Instrument :
BNA_P
ClientSampleId :
PT-04-011122

Tgt Ion:152 Resp: 413768
Ion Ratio Lower Upper
152 100
150 157.1 127.0 190.6
115 54.1 43.7 65.5

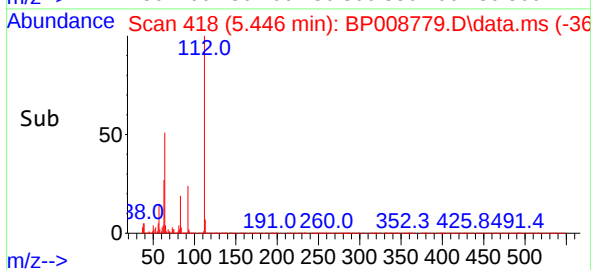
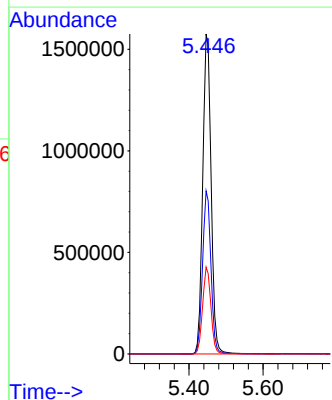
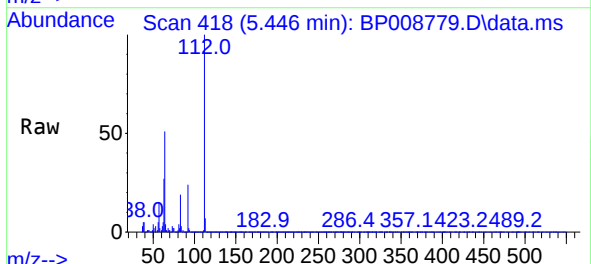
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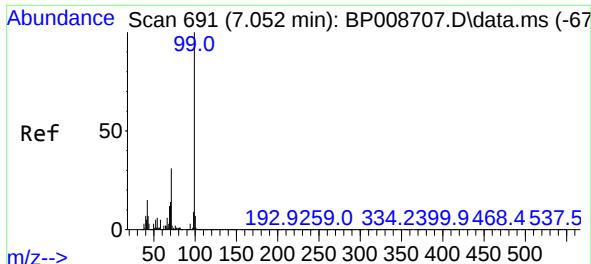
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Supervised By :Jagrut Upadhyay 01/13/2022



#5
2-Fluorophenol
Concen: 93.672 ng
RT: 5.446 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Tgt Ion:112 Resp: 2475064
Ion Ratio Lower Upper
112 100
64 51.0 39.7 59.5
63 27.2 20.0 30.0





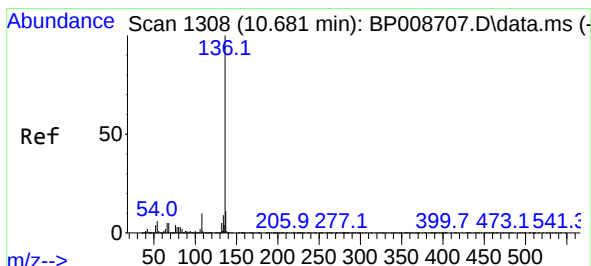
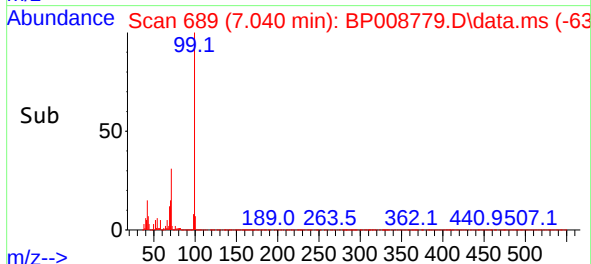
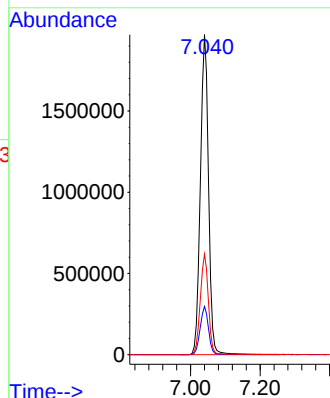
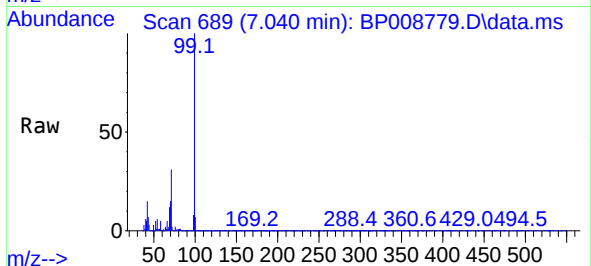
#7
Phenol-d6
Concen: 90.524 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Instrument :
BNA_P
ClientSampleId :
PT-04-011122

Tgt Ion: 99 Resp: 3210954
Ion Ratio Lower Upper
99 100
42 15.0 10.8 16.2
71 31.5 23.8 35.6

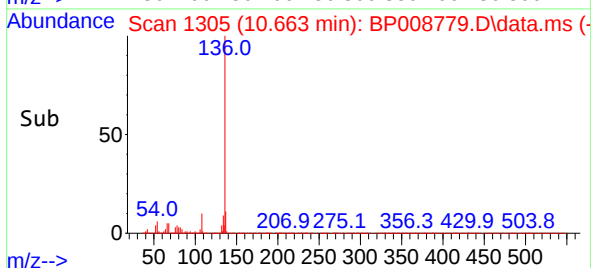
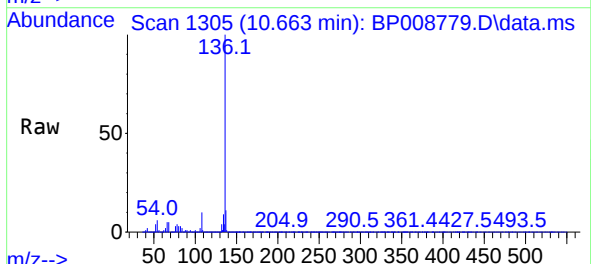
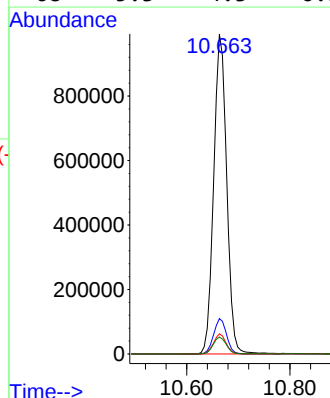
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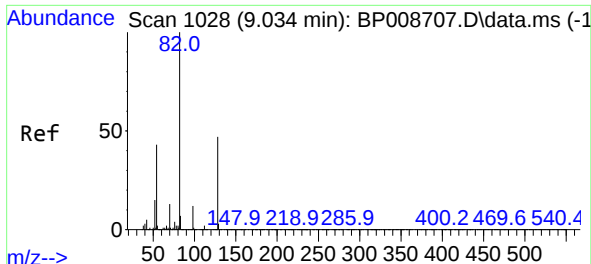
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Tgt Ion:136 Resp: 1731994
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.3 4.9 7.3
68 5.3 4.3 6.5





#23
Nitrobenzene-d5
Concen: 65.091 ng
RT: 9.022 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Instrument :

BNA_P

ClientSampleId :

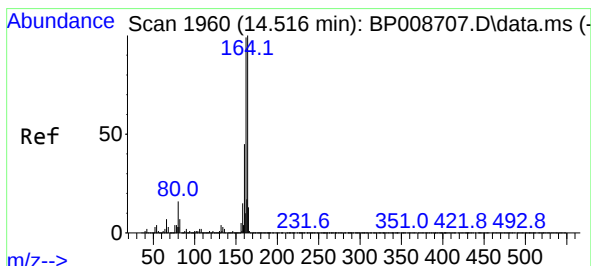
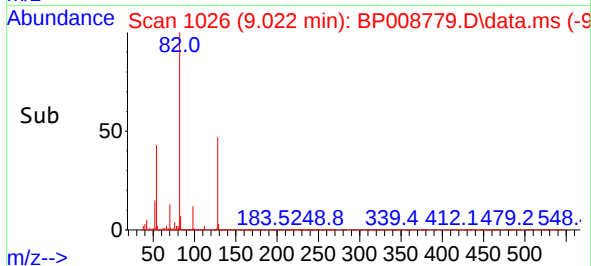
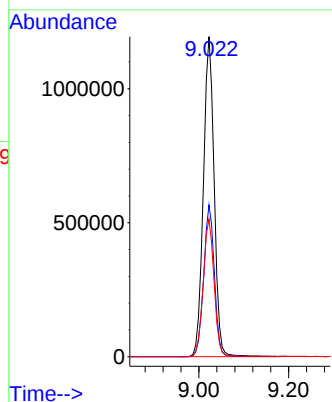
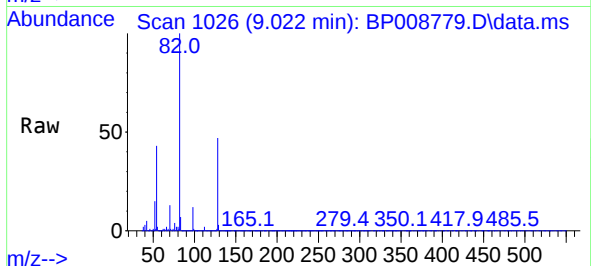
PT-04-011122

Tgt Ion: 82 Resp: 1990650
Ion Ratio Lower Upper
82 100
128 47.4 39.4 59.2
54 43.0 32.6 48.8

Manual Integrations

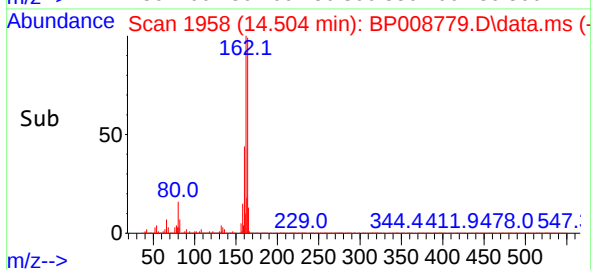
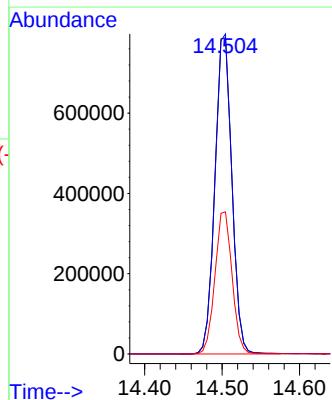
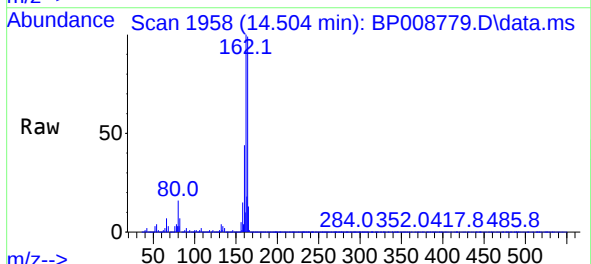
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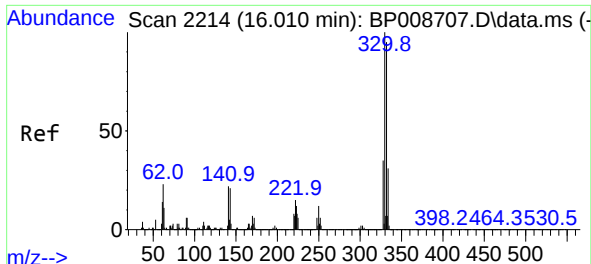
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Supervised By :Jagrut Upadhyay 01/13/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Tgt Ion:164 Resp: 1209035
Ion Ratio Lower Upper
164 100
162 101.2 79.9 119.9
160 45.0 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 85.549 ng
RT: 15.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Instrument :

BNA_P

ClientSampleId :

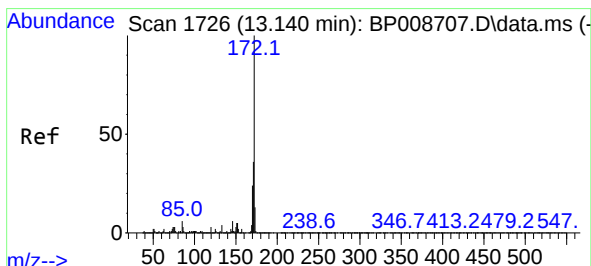
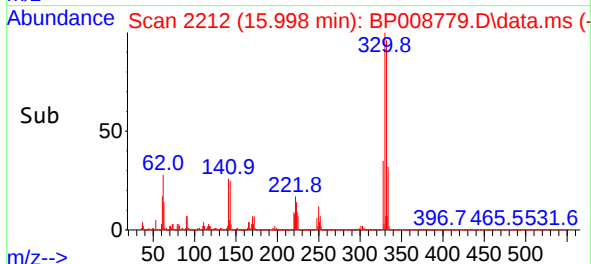
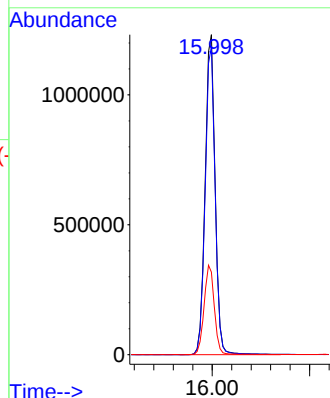
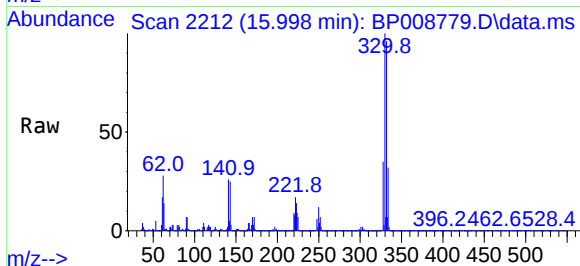
PT-04-011122

Tgt Ion:330 Resp: 1745010
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 28.8 21.3 31.9

Manual Integrations

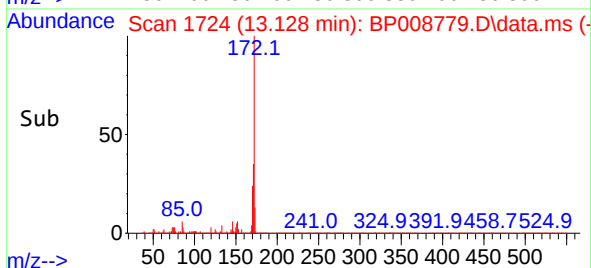
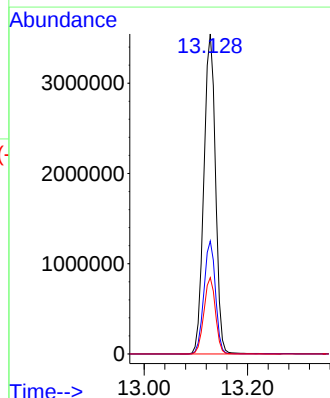
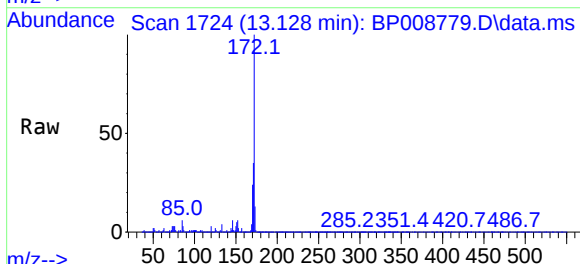
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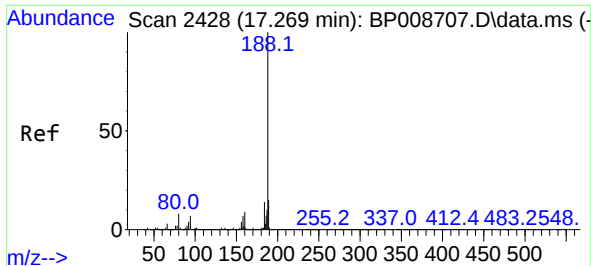
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#45
2-Fluorobiphenyl
Concen: 64.563 ng
RT: 13.128 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Tgt Ion:172 Resp: 5552284
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 23.8 19.5 29.3





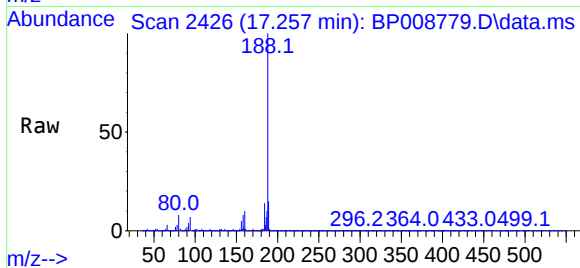
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Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Instrument :

BNA_P

ClientSampleId :

PT-04-011122



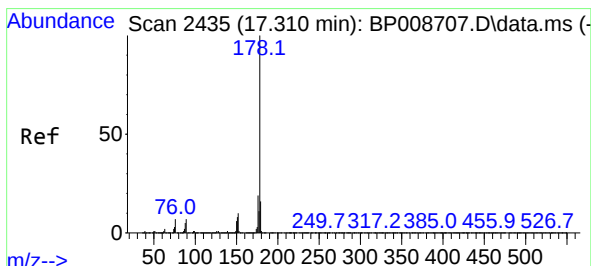
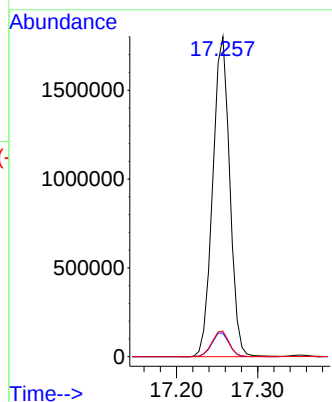
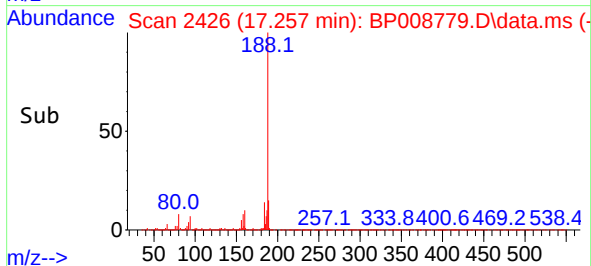
Tgt Ion:188 Resp: 261594

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.8	10.2
80	8.0	7.2	10.8

Manual Integrations

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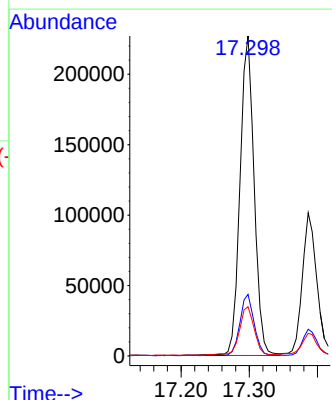
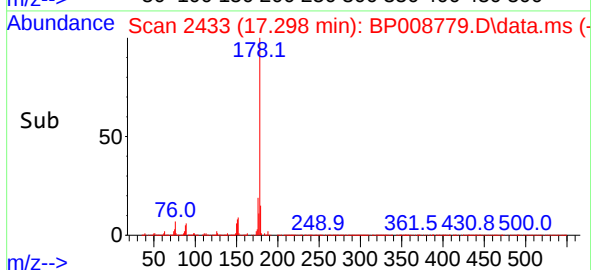
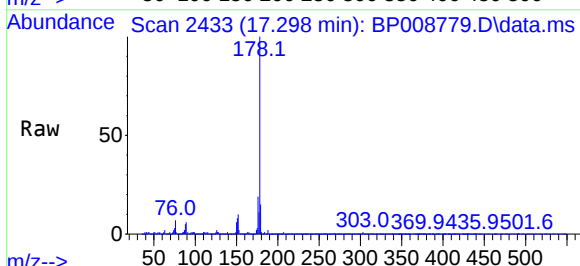
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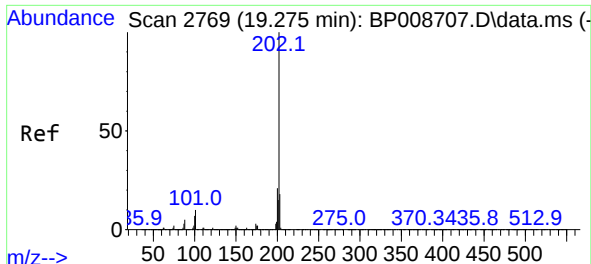


#71
Phenanthrene
Concen: 2.249 ng
RT: 17.298 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Tgt Ion:178 Resp: 326826

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.4	13.0	19.4





#75
Fluoranthene
Concen: 7.778 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Instrument :

BNA_P

ClientSampleId :

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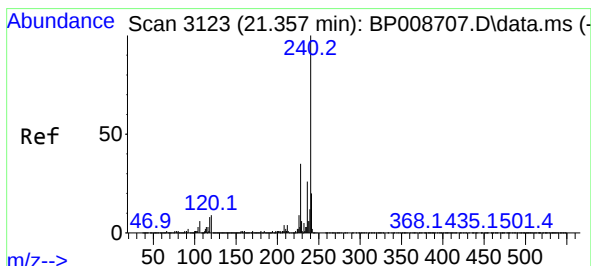
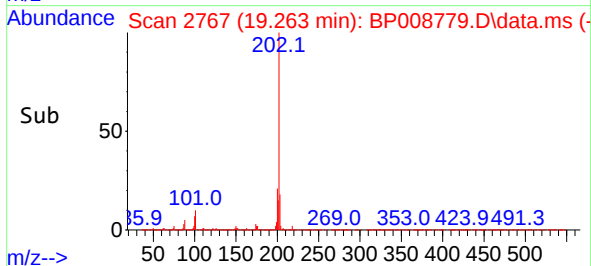
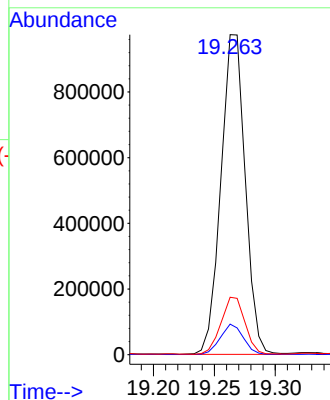
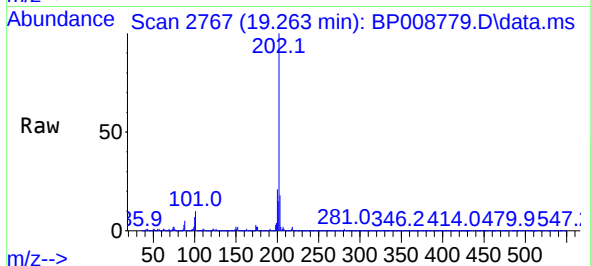
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Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.7
203 17.9 0.0 38.9

Manual Integrations

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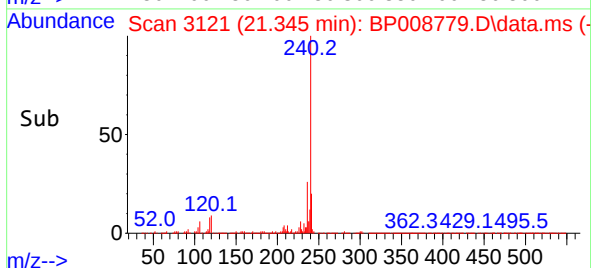
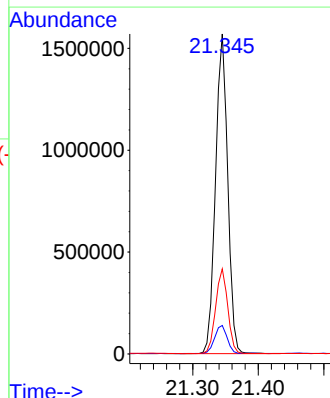
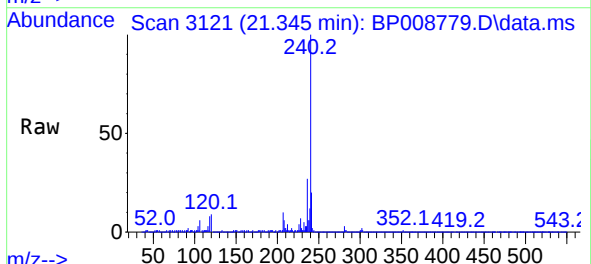
Reviewed By :Christian Giraldo 01/13/2022

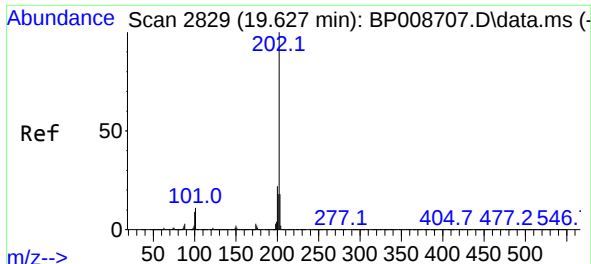
Supervised By :Jagrut Upadhyay 01/13/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Tgt Ion:240 Resp: 2020438
Ion Ratio Lower Upper
240 100
120 8.9 7.7 11.5
236 26.6 21.2 31.8





#78
 Pyrene
 Concen: 9.751 ng
 RT: 19.616 min Scan# 2827
 Delta R.T. -0.006 min
 Lab File: BP008779.D
 Acq: 12 Jan 2022 18:00

Instrument :

BNA_P

ClientSampleId :

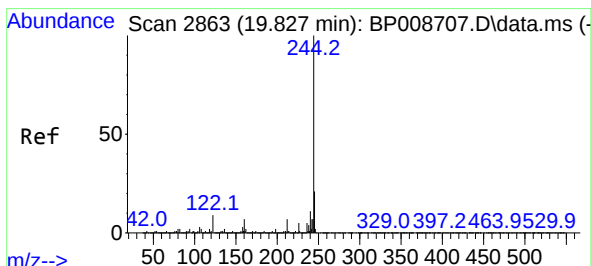
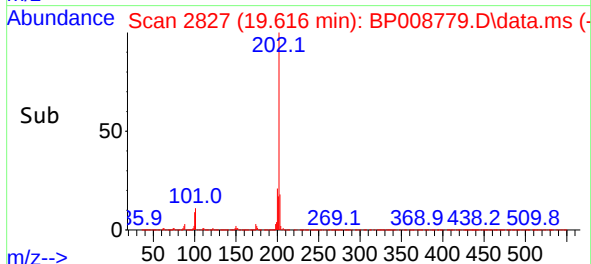
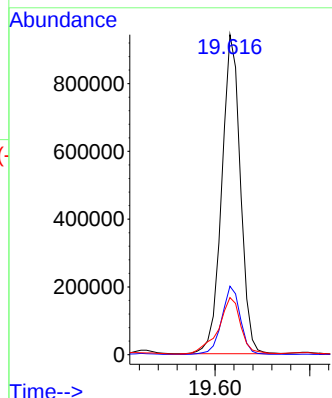
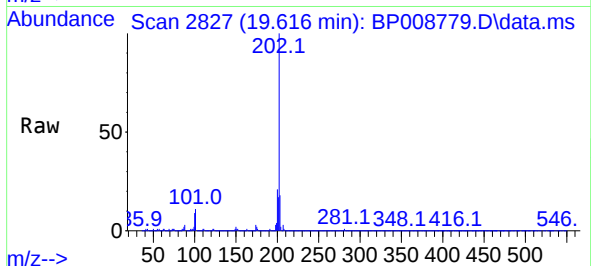
PT-04-011122

Tgt Ion:202 Resp: 128816
 Ion Ratio Lower Upper
 202 100
 200 21.4 18.0 27.0
 203 17.8 15.0 22.6

Manual Integrations

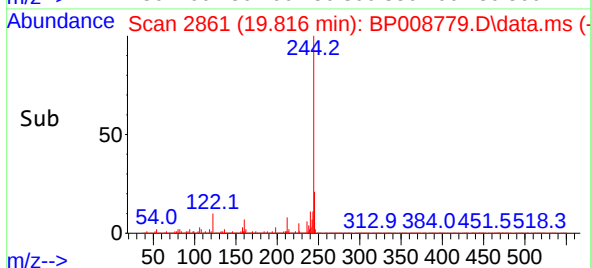
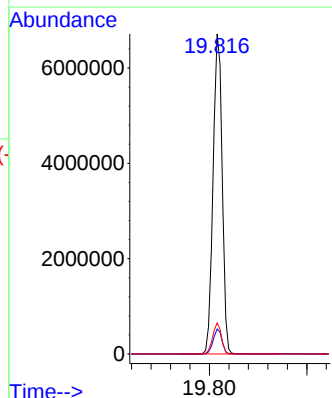
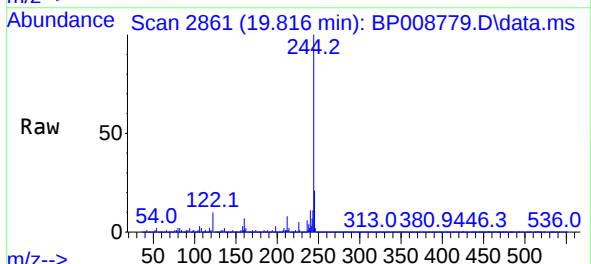
APPROVED

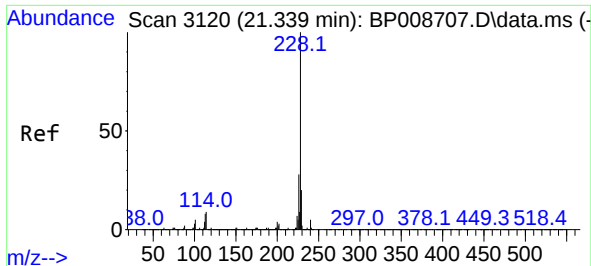
Reviewed By :Christian Giraldo 01/13/2022
 Supervised By :Jagrut Upadhyay 01/13/2022



#79
 Terphenyl-d14
 Concen: 87.296 ng
 RT: 19.816 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: BP008779.D
 Acq: 12 Jan 2022 18:00

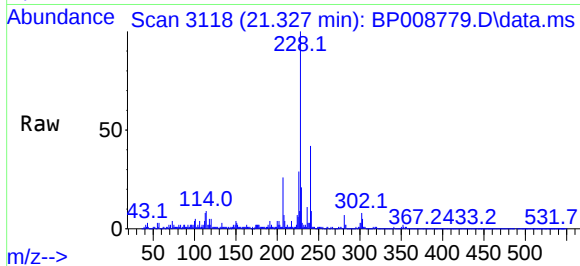
Tgt Ion:244 Resp: 8655070
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.7 9.2 13.8





#81
Benzo(a)anthracene
Concen: 6.018 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

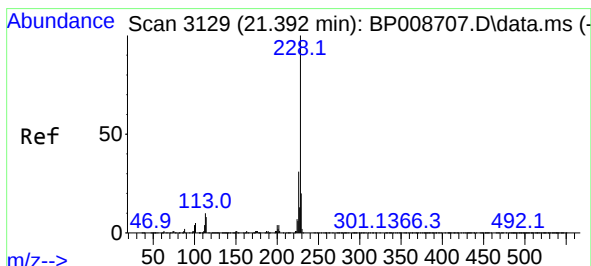
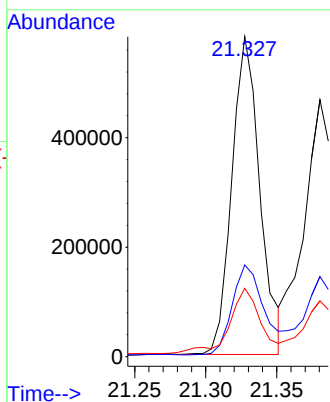
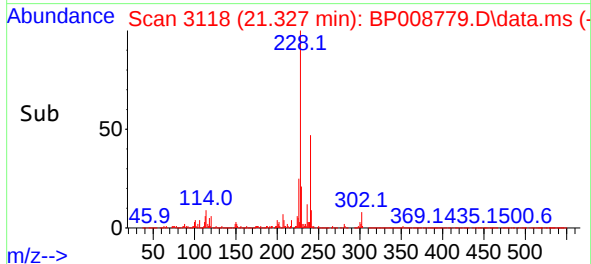
Instrument :
BNA_P
ClientSampleId :
PT-04-011122



Tgt Ion:228 Resp: 797628
Ion Ratio Lower Upper
228 100
226 28.6 23.3 34.9
229 21.3 17.0 25.6

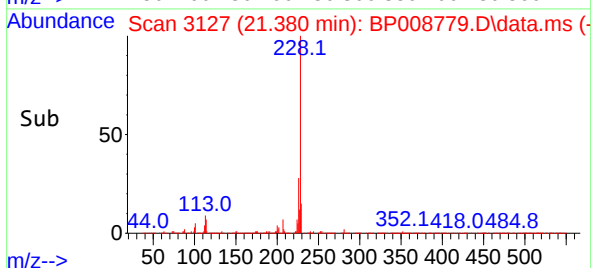
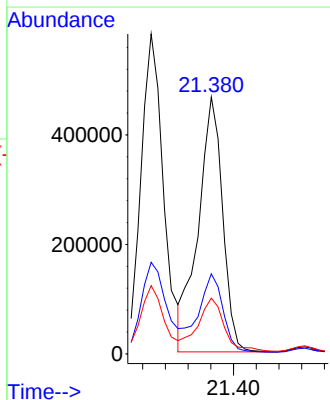
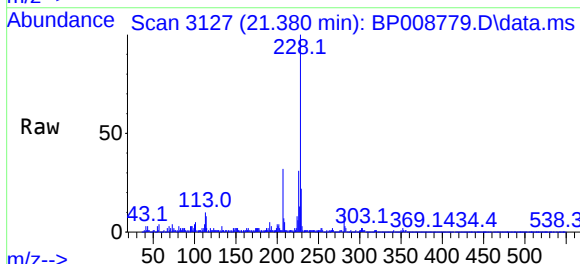
Manual Integrations
APPROVED

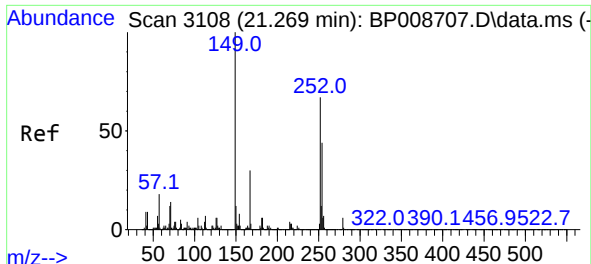
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#83
Chrysene
Concen: 5.448 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

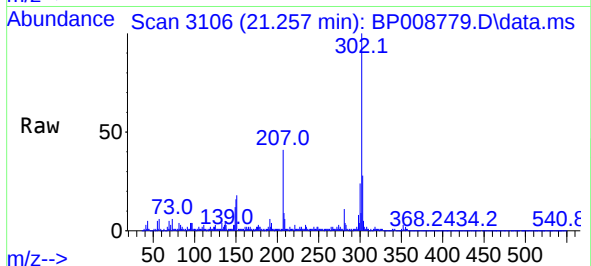
Tgt Ion:228 Resp: 696673
Ion Ratio Lower Upper
228 100
226 31.2 26.0 39.0
229 21.7 16.9 25.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.114 ng
RT: 21.257 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

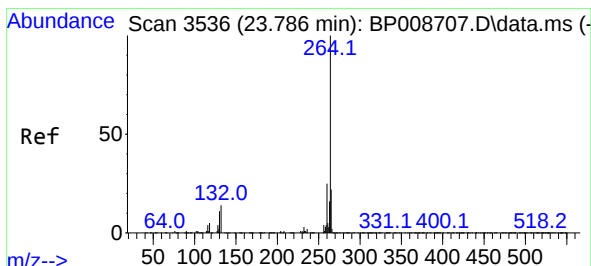
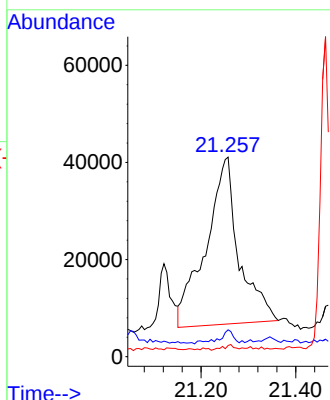
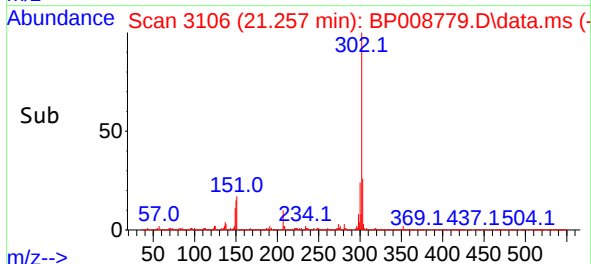
Instrument :
BNA_P
ClientSampleId :
PT-04-011122



Tgt Ion:149 Resp: 166685
Ion Ratio Lower Upper
149 100
167 13.4 25.0 37.4
279 5.6 4.8 7.2

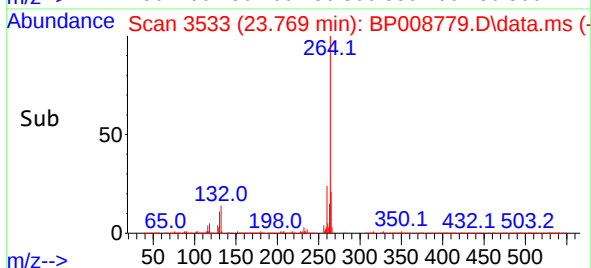
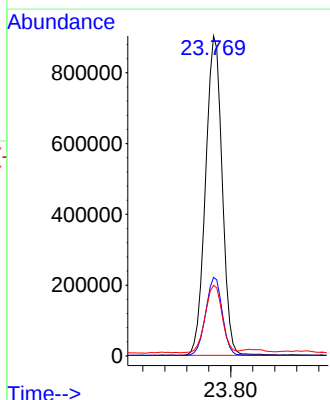
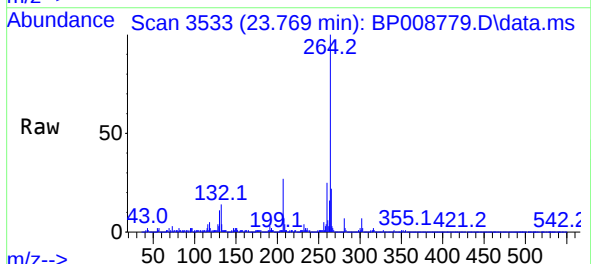
Manual Integrations
APPROVED

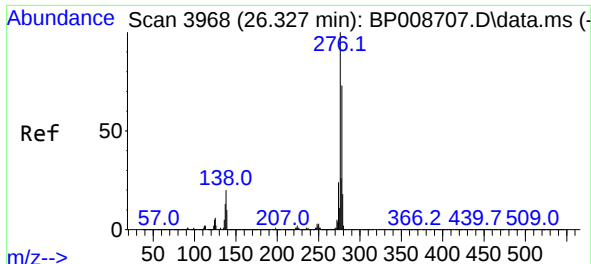
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.769 min Scan# 3533
Delta R.T. -0.000 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Tgt Ion:264 Resp: 1891902
Ion Ratio Lower Upper
264 100
260 24.6 19.1 28.7
265 22.0 17.1 25.7





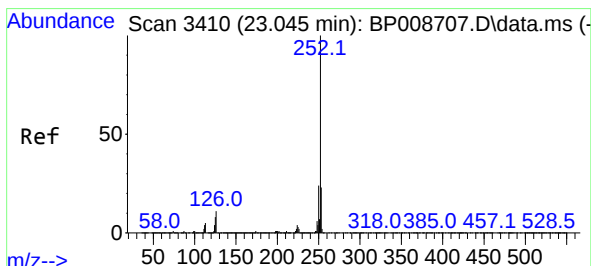
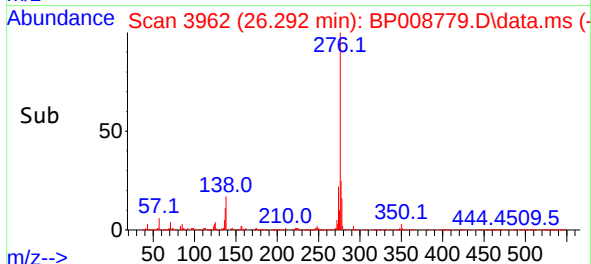
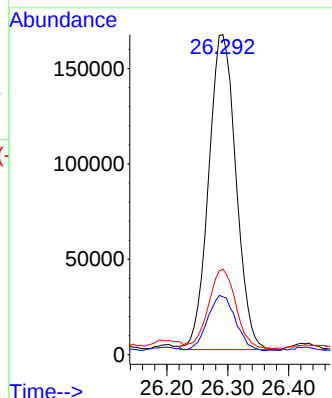
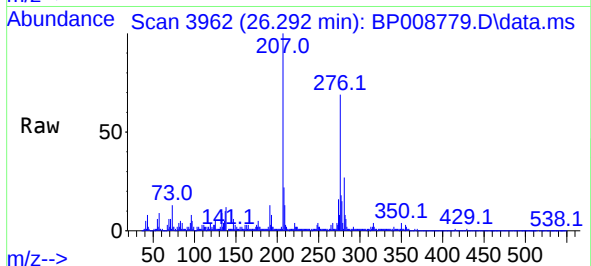
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.407 ng
RT: 26.292 min Scan# 3408
Delta R.T. -0.006 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Instrument :
BNA_P
ClientSampleId :
PT-04-011122

Tgt Ion:276 Resp: 51504
Ion Ratio Lower Upper
276 100
138 18.2 17.8 26.6
277 25.0 20.4 30.6

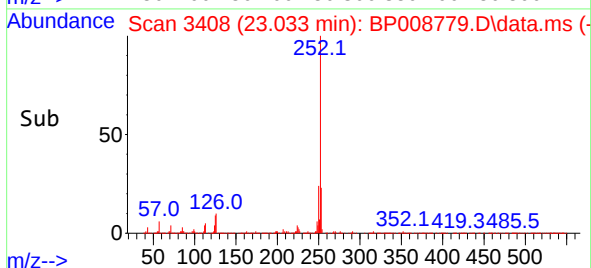
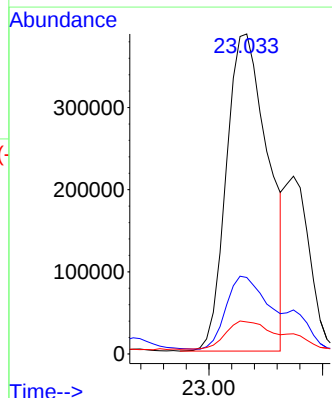
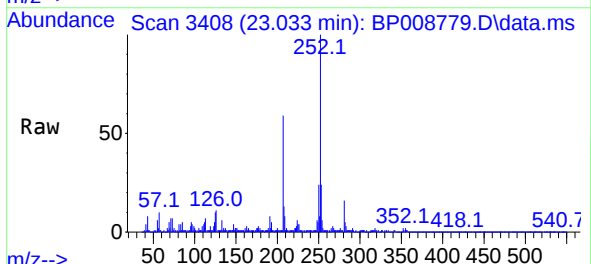
Manual Integrations
APPROVED

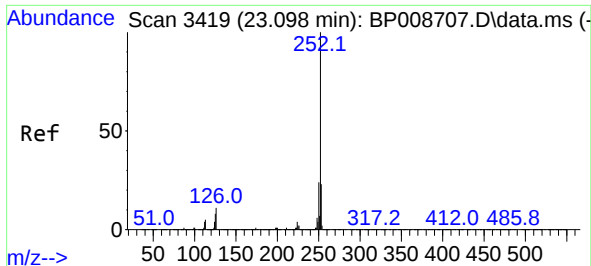
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#88
Benzo(b)fluoranthene
Concen: 8.019 ng
RT: 23.033 min Scan# 3408
Delta R.T. 0.006 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Tgt Ion:252 Resp: 991293
Ion Ratio Lower Upper
252 100
253 23.9 18.0 27.0
125 10.0 6.9 10.3





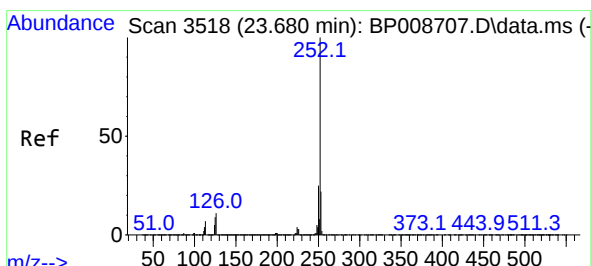
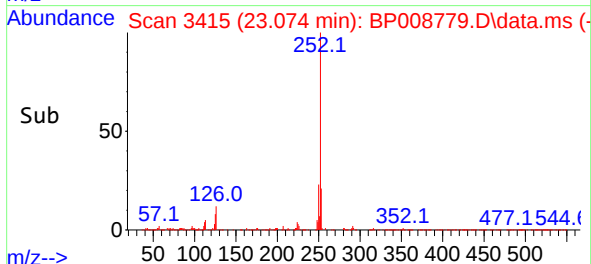
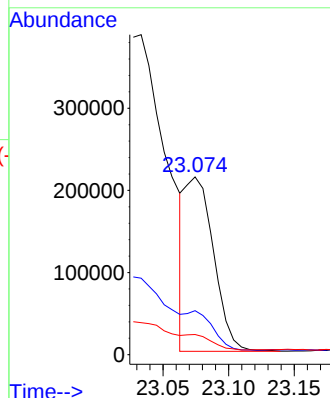
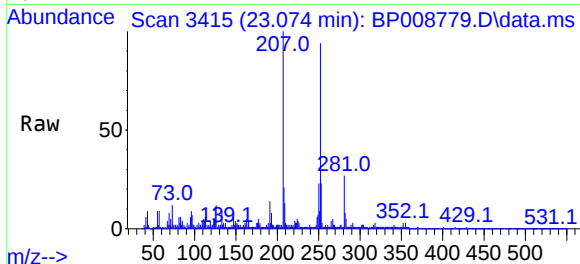
#89
Benzo(k)fluoranthene
Concen: 2.758 ng m
RT: 23.074 min Scan# 3419
Delta R.T. -0.006 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Instrument :
BNA_P
ClientSampleId :
PT-04-011122

Tgt Ion:252 Resp: 31911
Ion Ratio Lower Upper
252 100
253 24.7 18.2 27.2
125 11.3 7.3 10.9

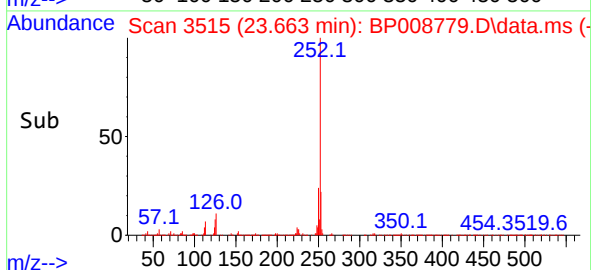
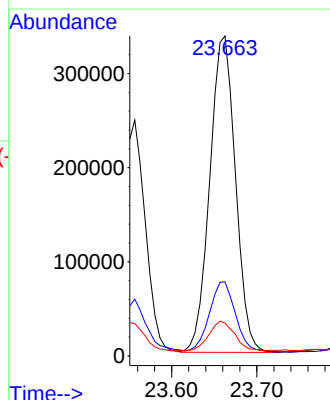
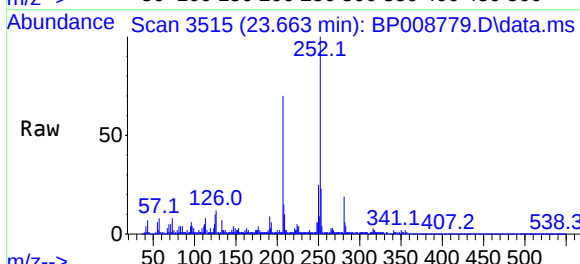
Manual Integrations
APPROVED

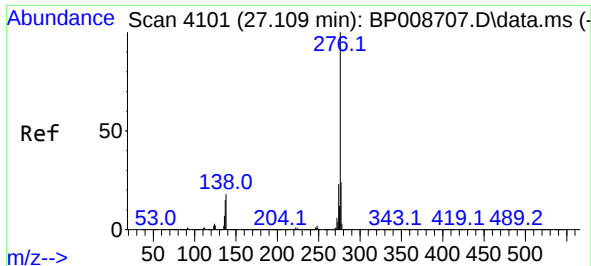
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#90
Benzo(a)pyrene
Concen: 5.895 ng
RT: 23.663 min Scan# 3515
Delta R.T. -0.000 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Tgt Ion:252 Resp: 704321
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.3 7.8 11.6





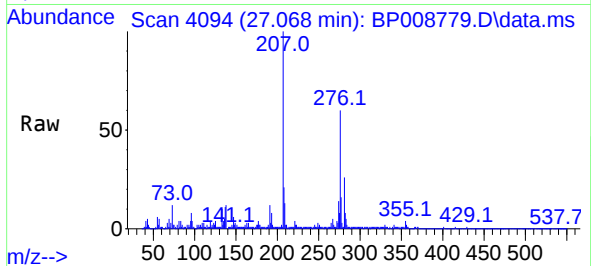
#92
Benzo(g,h,i)perylene
Concen: 3.964 ng
RT: 27.068 min Scan# 4094
Delta R.T. -0.006 min
Lab File: BP008779.D
Acq: 12 Jan 2022 18:00

Instrument :

BNA_P

ClientSampleId :

PT-04-011122



Tgt Ion:276 Resp: 502609
Ion Ratio Lower Upper
276 100
277 26.1 19.2 28.8
138 20.3 15.0 22.4

Manual Integrations

APPROVED

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

