

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011757.D
 Acq On : 20 Sep 2022 03:57
 Operator : CG/JU
 Sample : N4630-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-17-4-1

Quant Time: Sep 20 04:56:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 04:42:52 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/20/2022
 Supervised By :Jagrut Upadhyay 09/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	445724	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	1970988	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	1263101	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	2656657	20.000	ng	0.00
76) Chrysene-d12	21.404	240	2539064	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	2541898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	4313451	176.149	ng	0.00
7) Phenol-d6	7.099	99	5432647	166.430	ng	0.00
23) Nitrobenzene-d5	9.105	82	3497528	105.241	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	2030119	205.705	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	7799353	95.983	ng	0.00
79) Terphenyl-d14	19.880	244	9042380	77.443	ng	0.00
Target Compounds						Qvalue
81) Benzo(a)anthracene	21.386	228	408607m	2.497	ng	
83) Chrysene	21.439	228	945478	6.047	ng	97
90) Benzo(a)pyrene	23.745	252	331458	2.552	ng	# 89

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

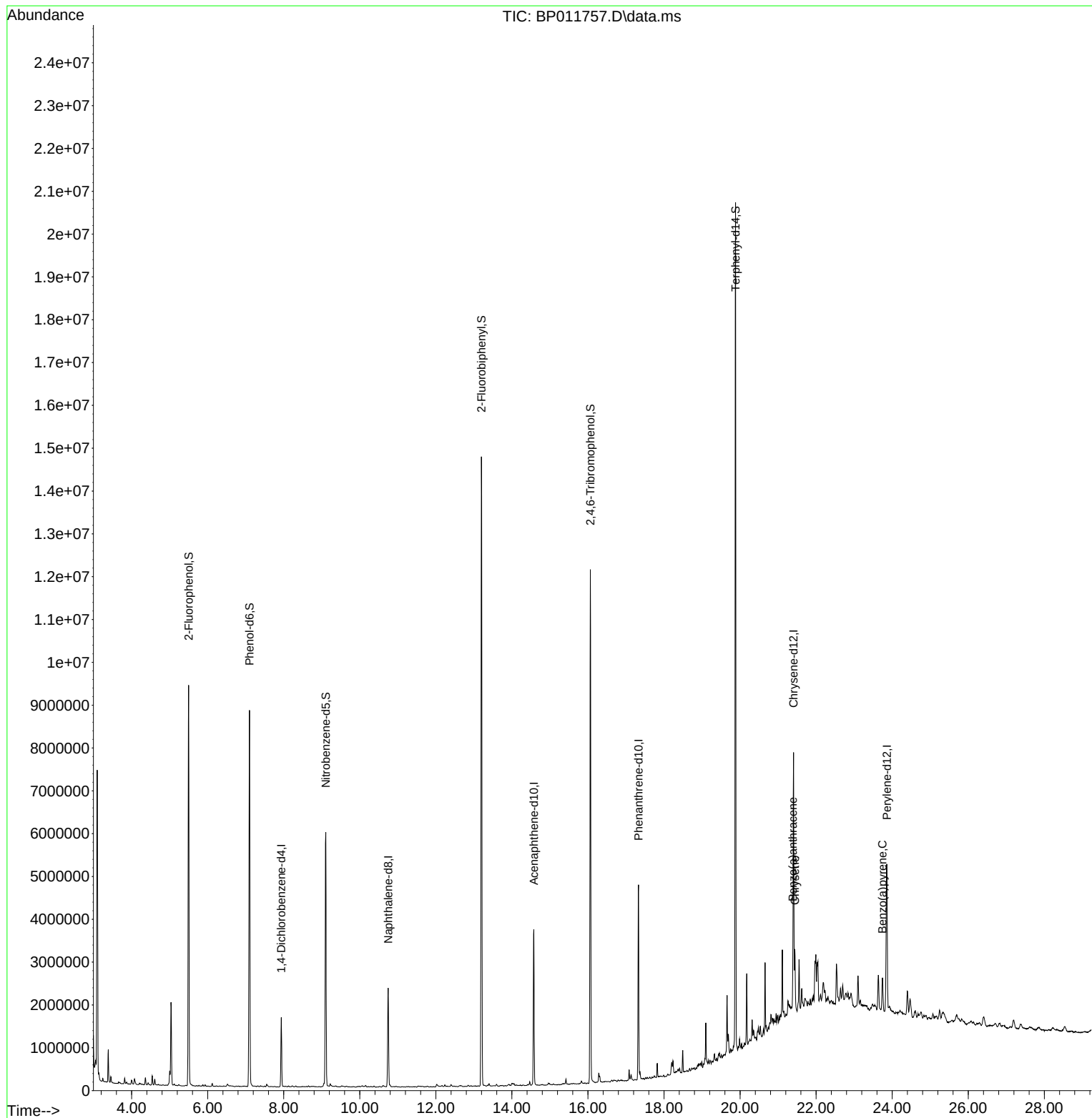
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
Data File : BP011757.D
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Operator : CG/JU
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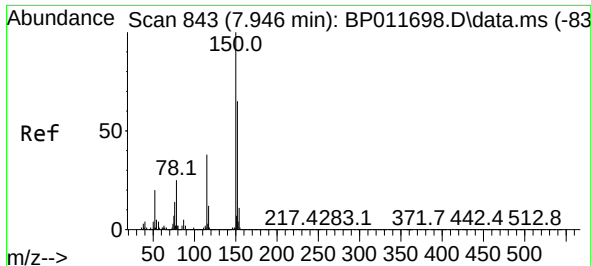
Instrument :
BNA_P
ClientSampleId :
WC-17-4-1

Quant Time: Sep 20 04:56:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
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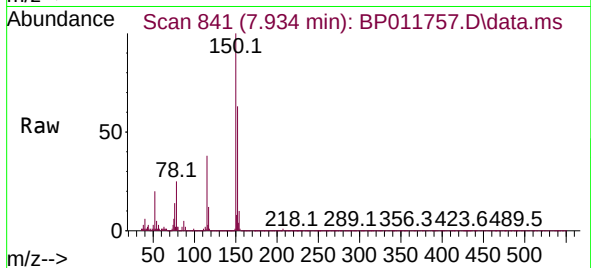
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/22/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 843
Delta R.T. 0.000 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

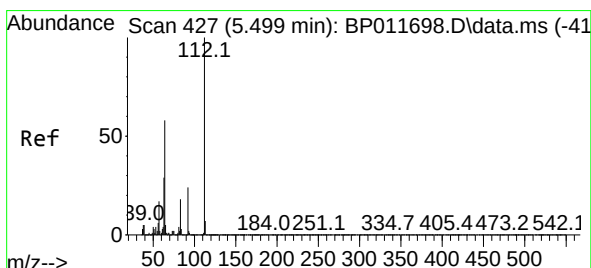
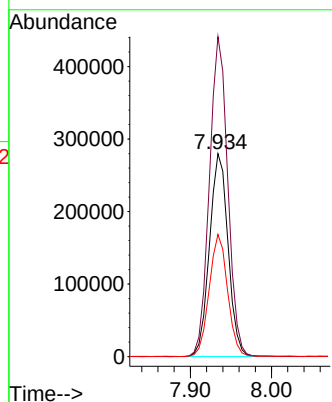
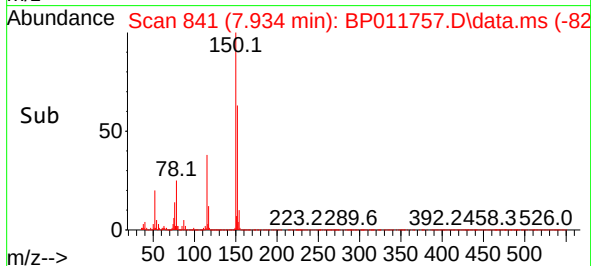
Instrument :
BNA_P
ClientSampleId :
WC-17-4-1



Tgt Ion:152 Resp: 445724
Ion Ratio Lower Upper
152 100
150 157.7 123.4 185.2
115 60.2 51.3 76.9

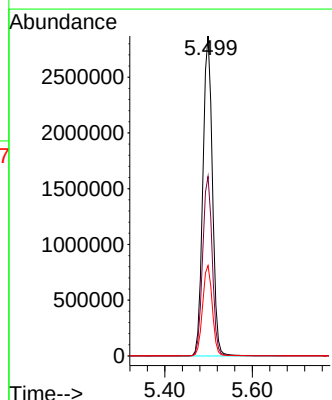
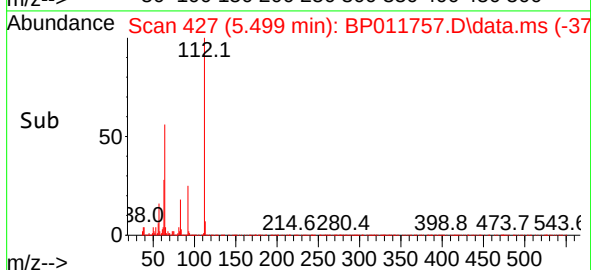
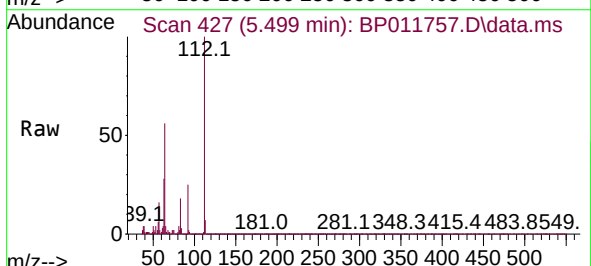
Manual Integrations
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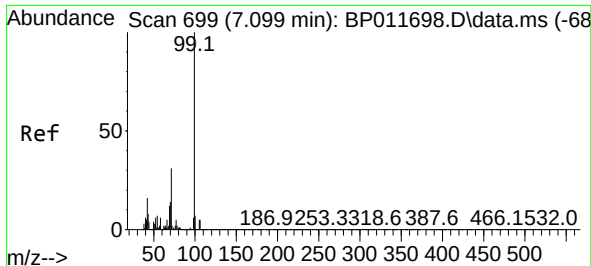
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/22/2022



#5
2-Fluorophenol
Concen: 176.149 ng
RT: 5.499 min Scan# 427
Delta R.T. 0.006 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

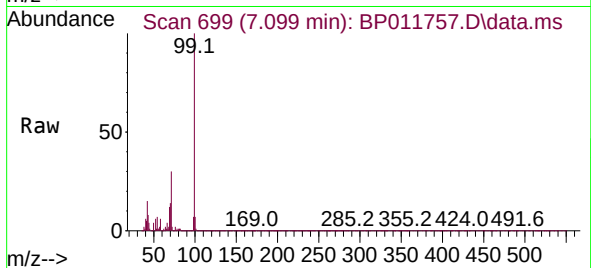
Tgt Ion:112 Resp: 4313451
Ion Ratio Lower Upper
112 100
64 56.1 56.9 85.3#
63 28.2 31.2 46.8#





#7
Phenol-d6
Concen: 166.430 ng
RT: 7.099 min Scan# 699
Delta R.T. 0.006 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

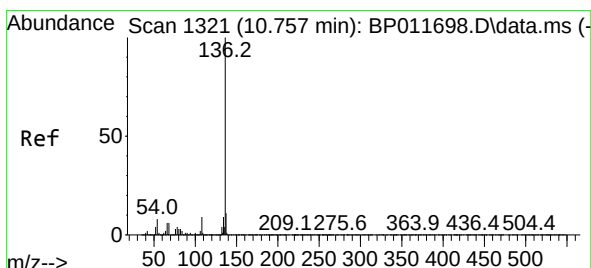
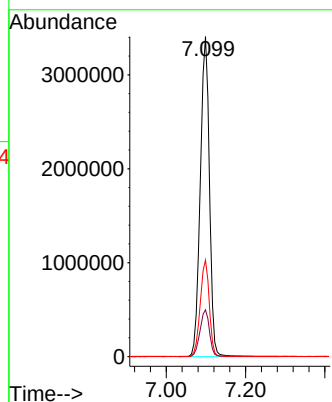
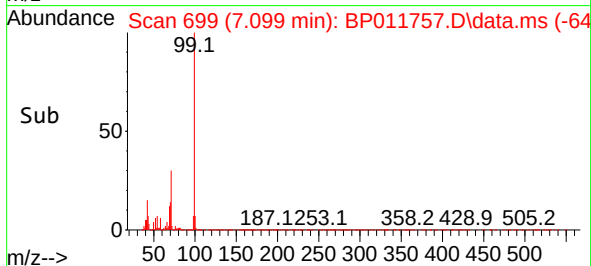
Instrument :
BNA_P
ClientSampleId :
WC-17-4-1



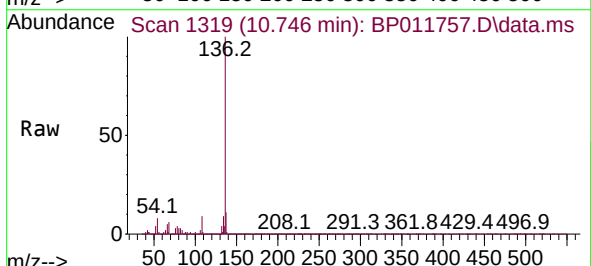
Tgt Ion: 99 Resp: 543264
Ion Ratio Lower Upper
99 100
42 14.6 20.3 30.5
71 30.2 33.9 50.9

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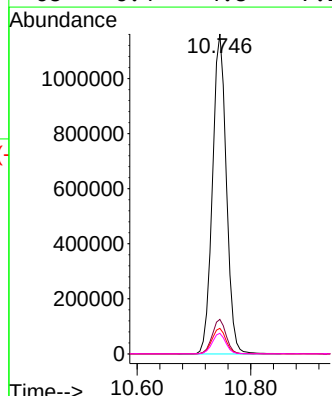
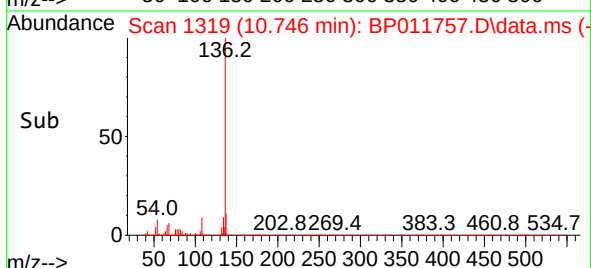
Reviewed By :Christian Giraldo 09/20/2022
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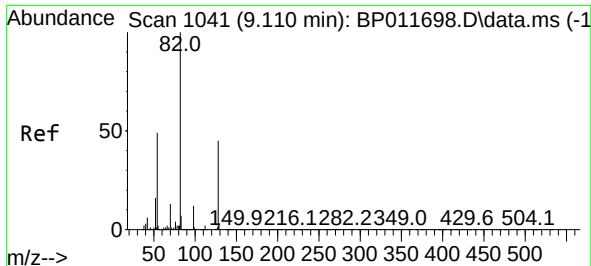


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57



Tgt Ion:136 Resp: 1970988
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.0 8.7 13.1
68 6.4 4.8 7.2





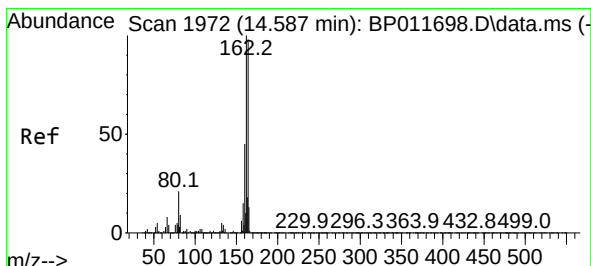
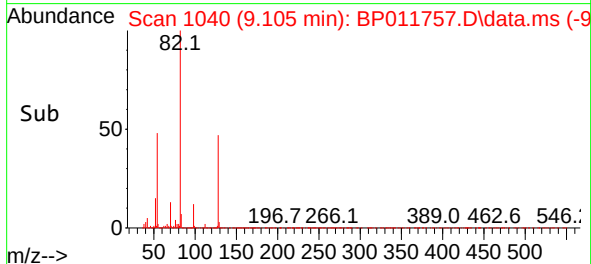
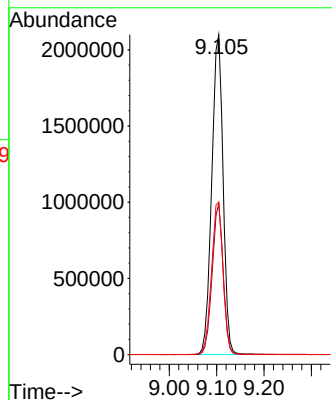
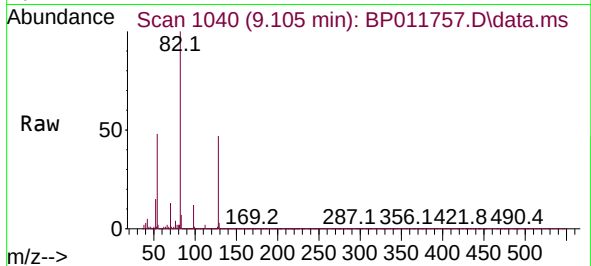
#23
Nitrobenzene-d5
Concen: 105.241 ng
RT: 9.105 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

Instrument :
BNA_P
ClientSampleId :
WC-17-4-1

Tgt Ion: 82 Resp: 3497528
Ion Ratio Lower Upper
82 100
128 47.2 31.3 46.9
54 47.6 49.8 74.8

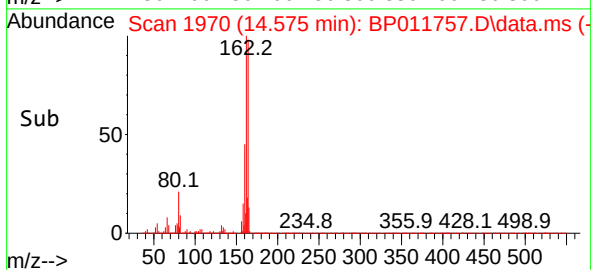
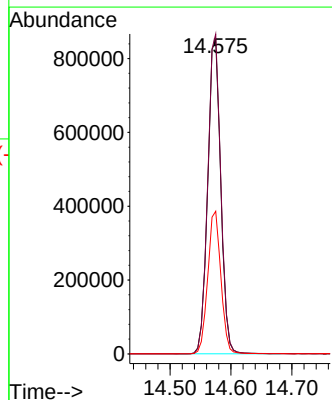
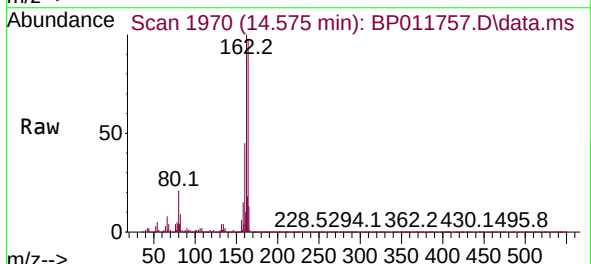
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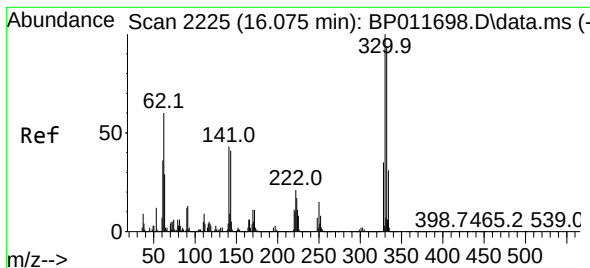
Reviewed By :Christian Giraldo 09/20/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

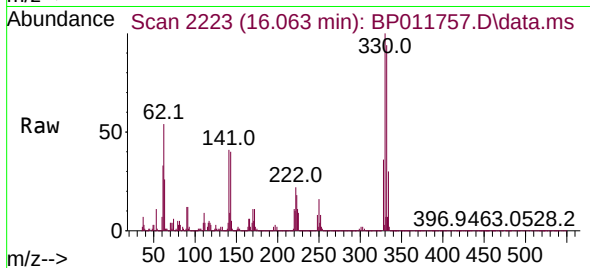
Tgt Ion:164 Resp: 1263101
Ion Ratio Lower Upper
164 100
162 102.1 81.9 122.9
160 45.5 34.6 51.8





#42
2,4,6-Tribromophenol
Concen: 205.705 ng
RT: 16.063 min Scan# 2225
Delta R.T. 0.000 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57

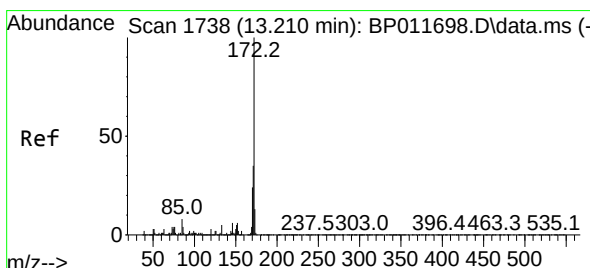
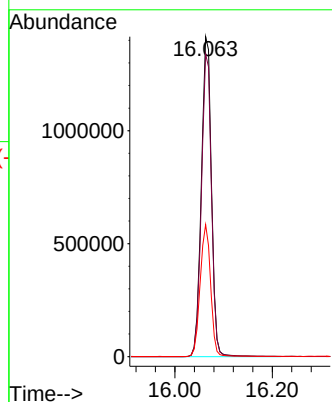
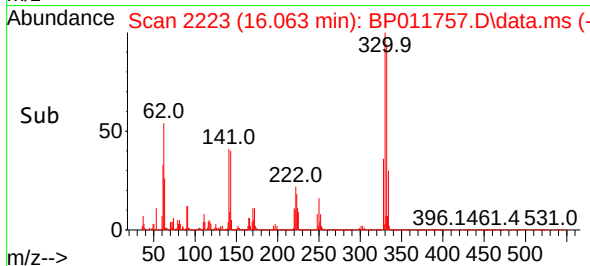
Instrument :
BNA_P
ClientSampleId :
WC-17-4-1



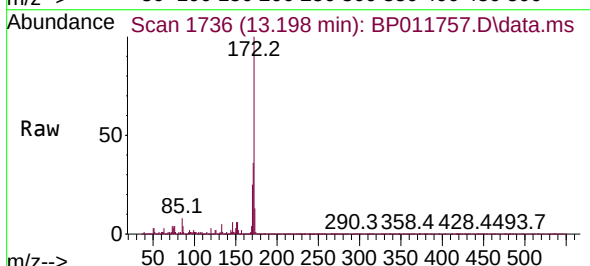
Tgt Ion:330 Resp: 2030119
Ion Ratio Lower Upper
330 100
332 94.5 78.1 117.1
141 42.5 31.4 47.2

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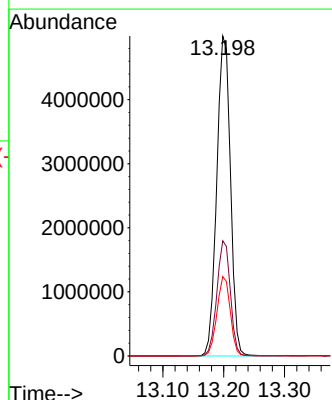
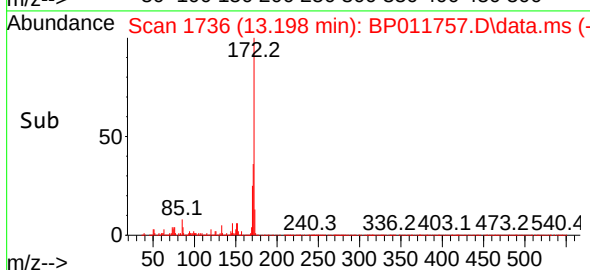
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/22/2022

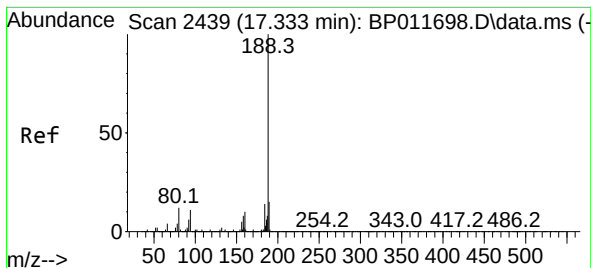


#45
2-Fluorobiphenyl
Concen: 95.983 ng
RT: 13.198 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BP011757.D
Acq: 20 Sep 2022 03:57



Tgt Ion:172 Resp: 7799353
Ion Ratio Lower Upper
172 100
171 36.0 27.9 41.9
170 24.8 18.2 27.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.328 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP011757.D

Acq: 20 Sep 2022 03:57

Instrument :

BNA_P

ClientSampleId :

WC-17-4-1

Tgt Ion:188 Resp: 265665

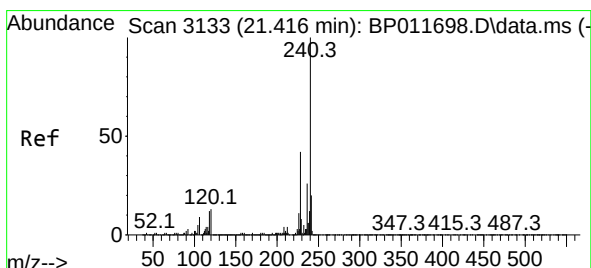
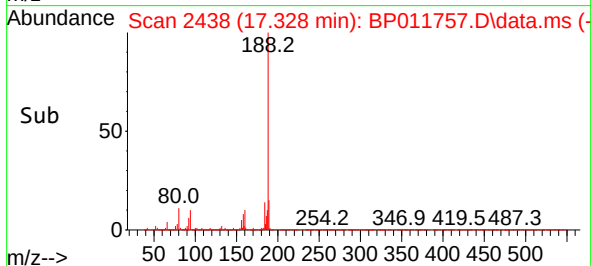
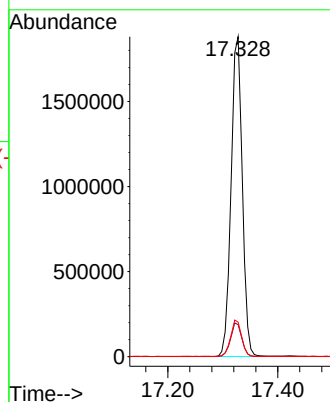
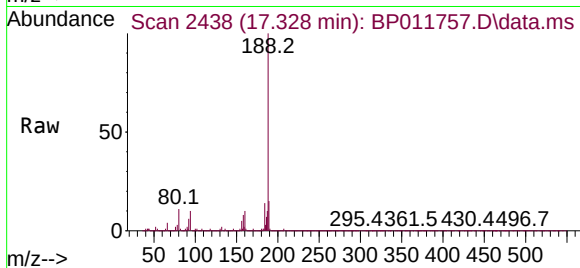
Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.6	10.0
80	10.8	8.0	12.0

Manual Integrations

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3131

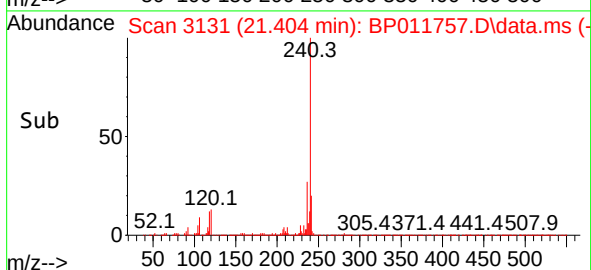
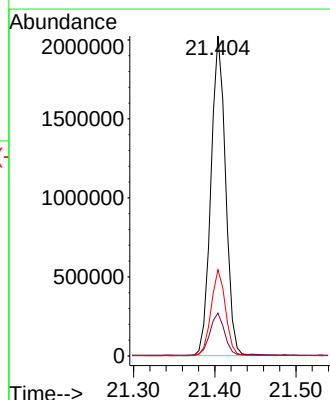
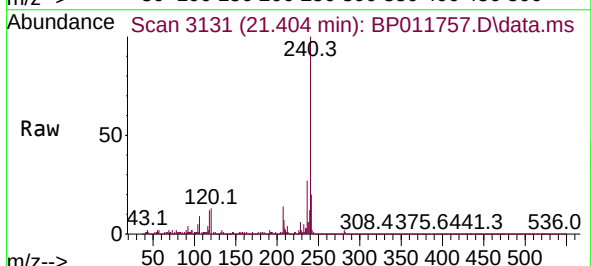
Delta R.T. 0.000 min

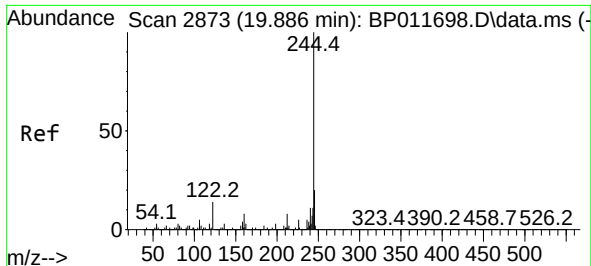
Lab File: BP011757.D

Acq: 20 Sep 2022 03:57

Tgt Ion:240 Resp: 2539064

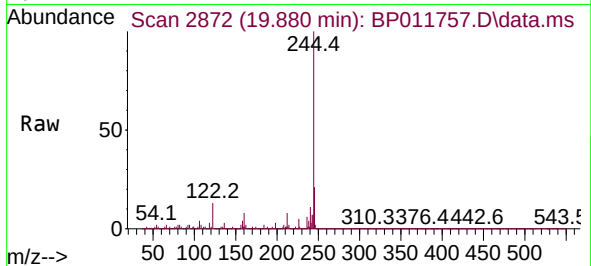
Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.6	12.8
236	26.9	19.8	29.6





#79
 Terphenyl-d14
 Concen: 77.443 ng
 RT: 19.880 min Scan# 2873
 Delta R.T. 0.006 min
 Lab File: BP011757.D
 Acq: 20 Sep 2022 03:57

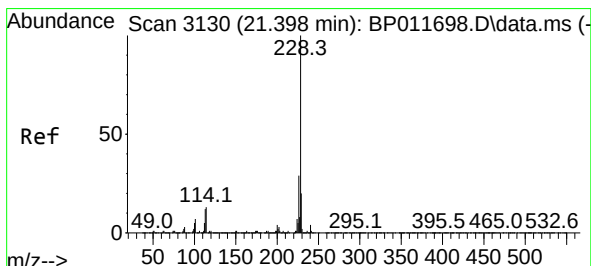
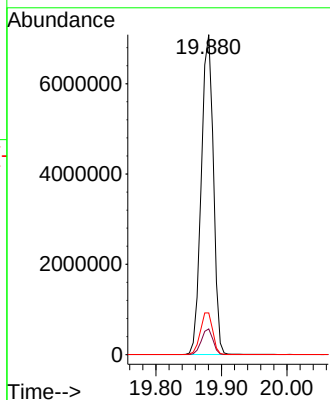
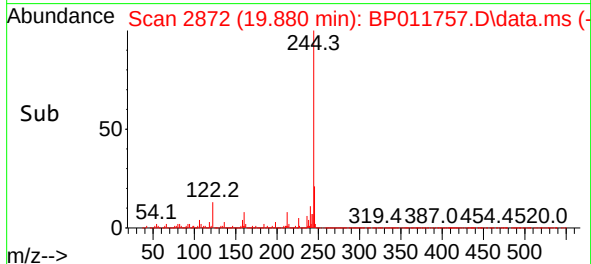
Instrument :
 BNA_P
 Client Sample Id :
 WC-17-4-1



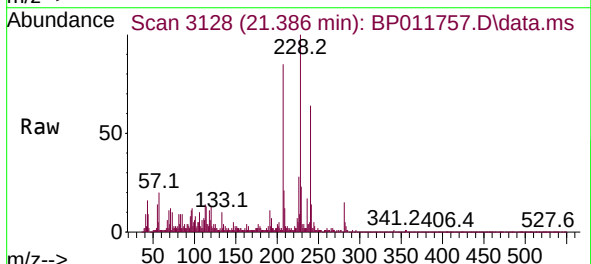
Tgt Ion: 244 Resp: 9042380
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 13.0 7.6 11.4

Manual Integrations
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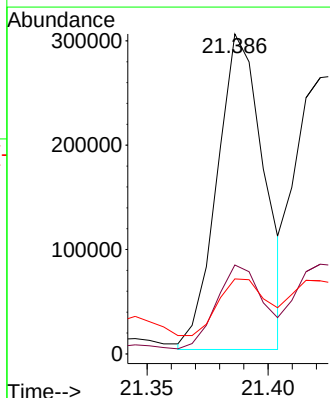
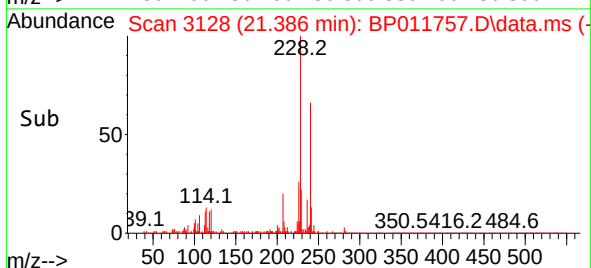
Reviewed By : Christian Giraldo 09/20/2022
 Supervised By : Jagrut Upadhyay 09/22/2022

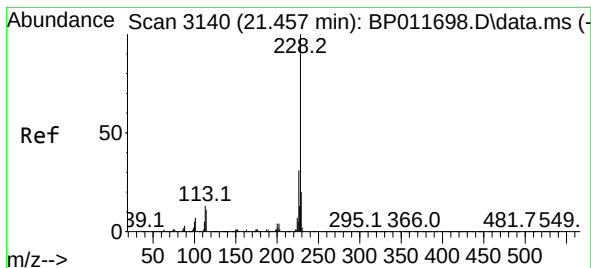


#81
 Benzo(a)anthracene
 Concen: 2.497 ng m
 RT: 21.386 min Scan# 3128
 Delta R.T. -0.006 min
 Lab File: BP011757.D
 Acq: 20 Sep 2022 03:57



Tgt Ion: 228 Resp: 408607
 Ion Ratio Lower Upper
 228 100
 226 27.8 20.8 31.2
 229 23.4 15.2 22.8





#83

Chrysene

Concen: 6.047 ng

RT: 21.439 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011757.D

Acq: 20 Sep 2022 03:57

Instrument :

BNA_P

ClientSampleId :

WC-17-4-1

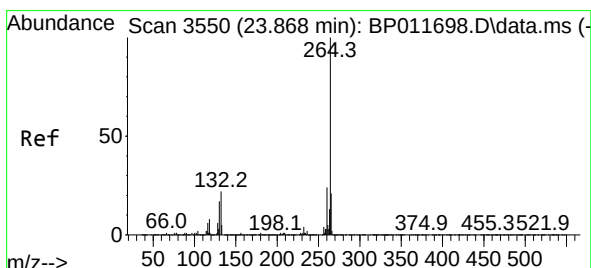
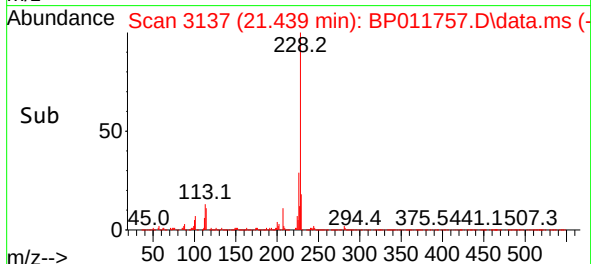
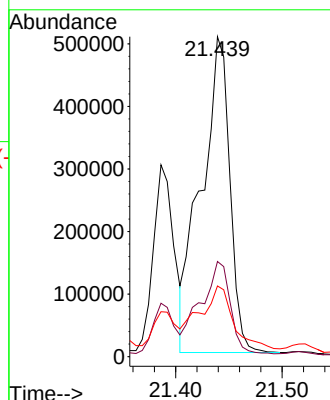
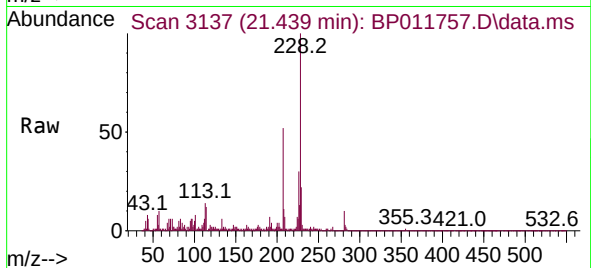
Tgt Ion:	228	Resp:	945478
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.2
229	22.1	15.7	23.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/22/2022



#86

Perylene-d12

Concen: 20.000 ng

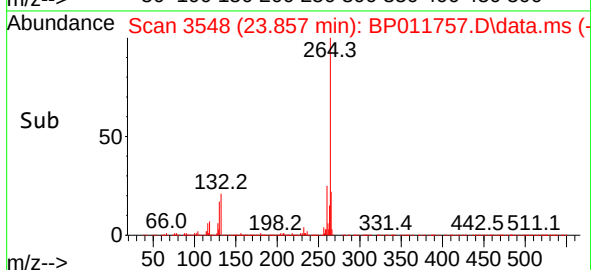
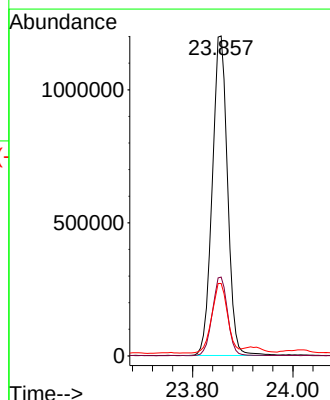
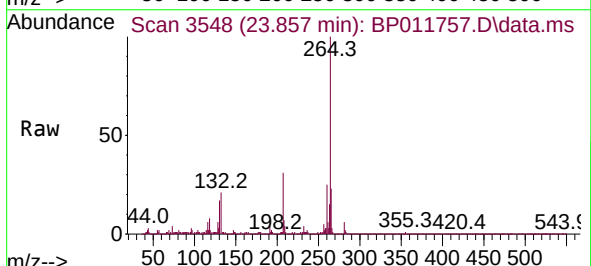
RT: 23.857 min Scan# 3548

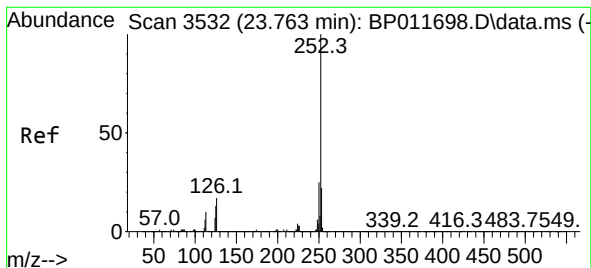
Delta R.T. 0.000 min

Lab File: BP011757.D

Acq: 20 Sep 2022 03:57

Tgt Ion:	264	Resp:	2541898
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.3	28.9
265	22.6	18.0	27.0





#90

Benzo(a)pyrene

Concen: 2.552 ng

RT: 23.745 min Scan# 3532

Delta R.T. 0.000 min

Lab File: BP011757.D

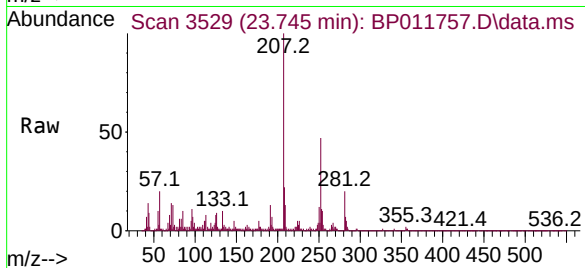
Acq: 20 Sep 2022 03:57

Instrument :

BNA_P

ClientSampleId :

WC-17-4-1



Tgt Ion:252 Resp: 331458

Ion Ratio Lower Upper

252 100

253 24.1 17.0 25.6

125 17.7 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/22/2022

