

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036134.D
 Acq On : 06 Aug 2022 00:17
 Operator : CG/JU
 Sample : N3961-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-179

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/08/2022
 Supervised By : Jagrut Upadhyay 08/08/2022

Quant Time: Aug 06 01:14:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 03:36:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	278682	20.00	ng	0.00
21) Naphthalene-d8	10.663	136	1125051	20.00	ng	# 0.00
39) Acenaphthene-d10	14.498	164	641867	20.00	ng	0.00
64) Phenanthrene-d10	17.239	188	1260467	20.00	ng	0.00
76) Chrysene-d12	21.415	240	1176466	20.00	ng	0.00
86) Perylene-d12	23.774	264	1227027	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1486351	86.47	ng	0.02
7) Phenol-d6	7.069	99	1833195	83.81	ng	0.04
23) Nitrobenzene-d5	9.028	82	1108223	55.14	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	685323	91.01	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2506398	57.65	ng	0.00
79) Terphenyl-d14	19.862	244	3551463	59.54	ng	0.00
Target Compounds						Qvalue
78) Pyrene	19.656	202	224084	3.07	ng	99
88) Benzo(b)fluoranthene	23.056	252	162897m	2.27	ng	
90) Benzo(a)pyrene	23.668	252	130373	2.16	ng	# 90

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

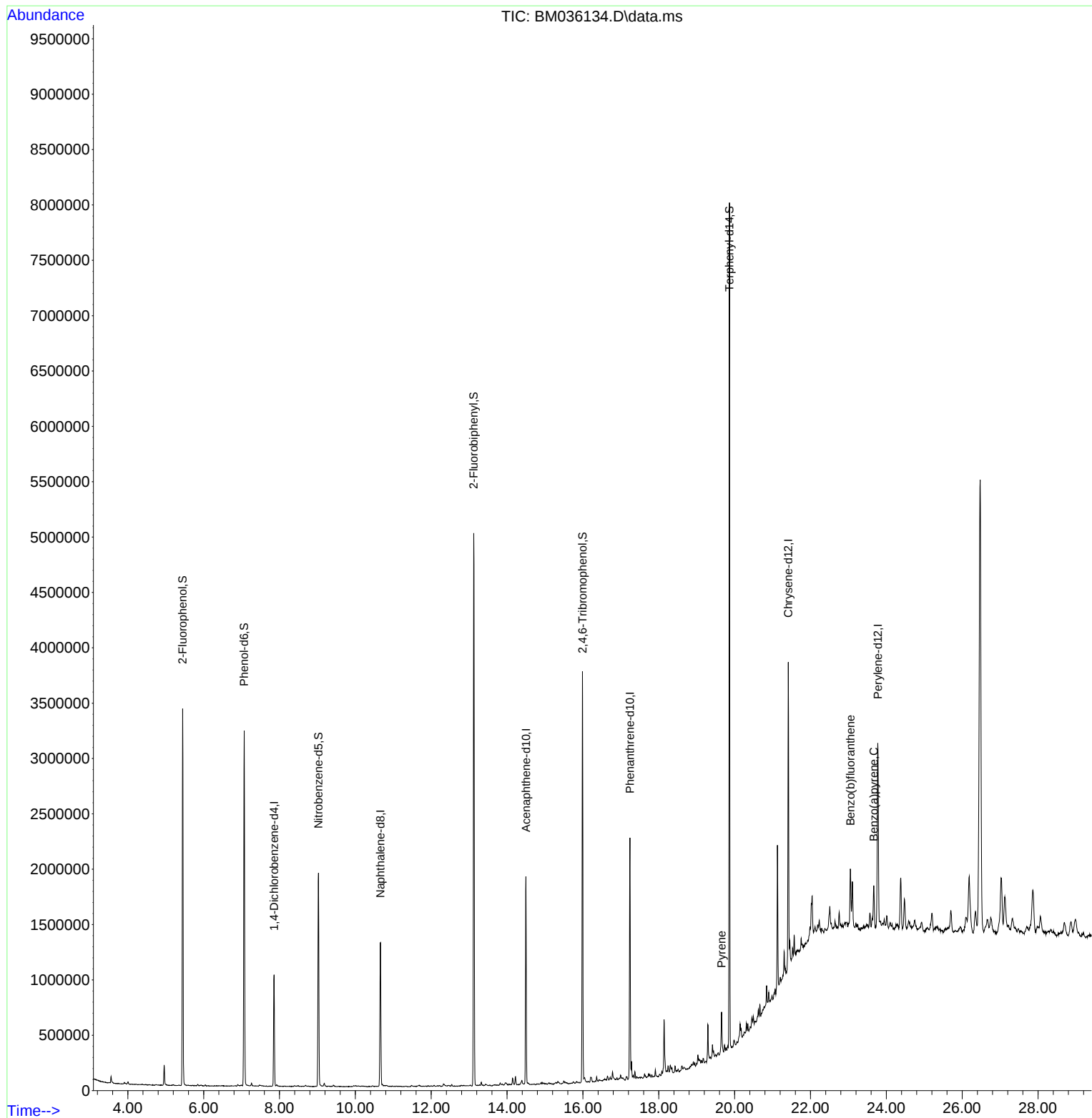
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
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ALS Vial : 14 Sample Multiplier: 1

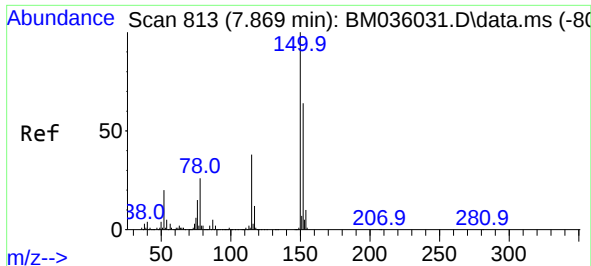
Instrument :
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Quant Time: Aug 06 01:14:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
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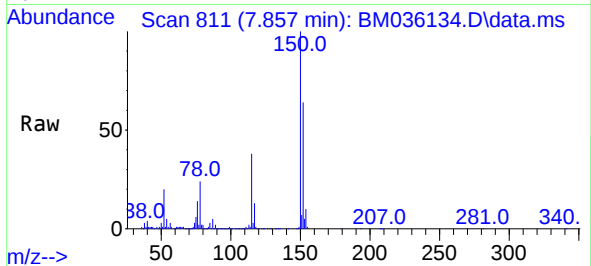
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

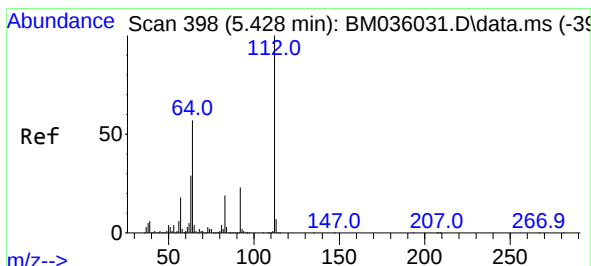
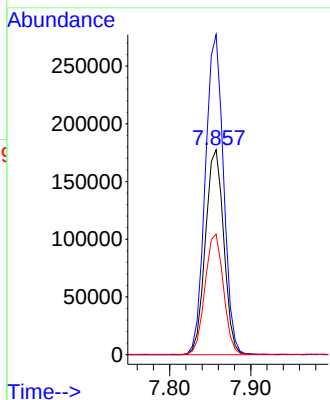
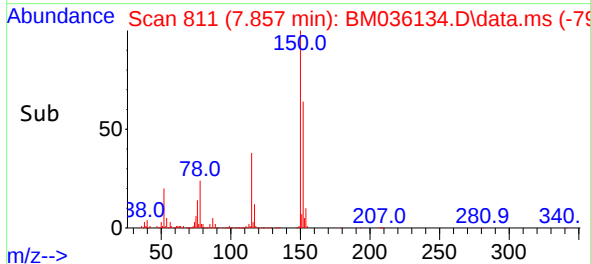
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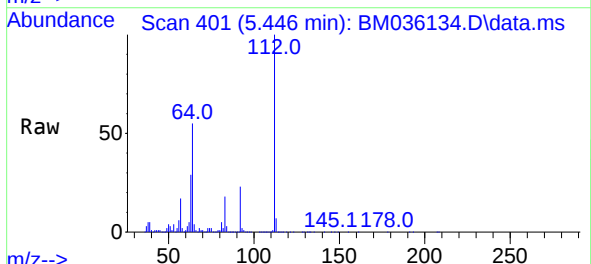
Tgt Ion:152 Resp: 27868
Ion Ratio Lower Upper
152 100
150 156.1 124.9 187.3
115 58.9 47.9 71.9

Manual Integrations
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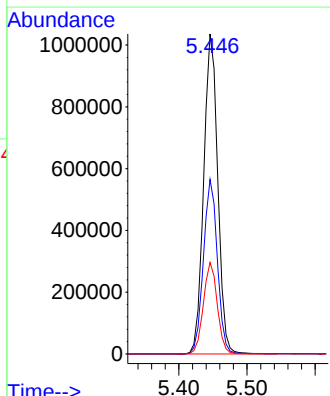
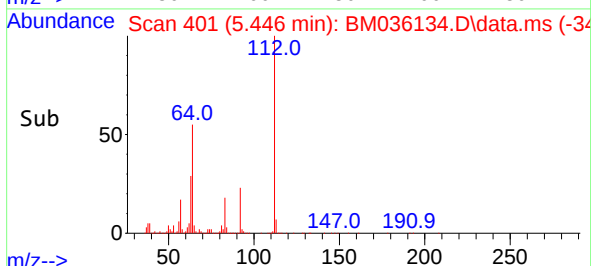
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

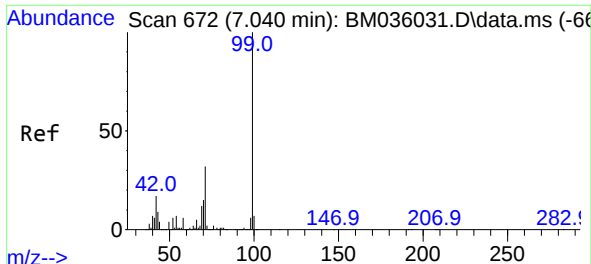


#5
2-Fluorophenol
Concen: 86.47 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.024 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17



Tgt Ion:112 Resp: 1486351
Ion Ratio Lower Upper
112 100
64 54.5 47.8 71.6
63 28.6 26.6 40.0





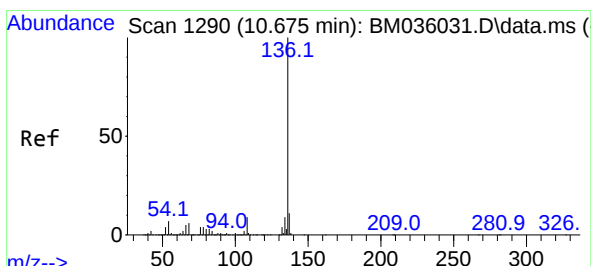
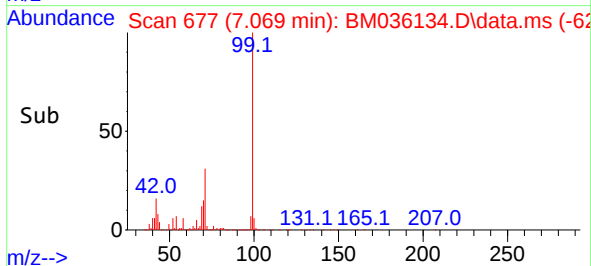
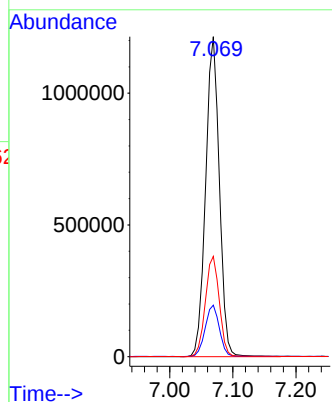
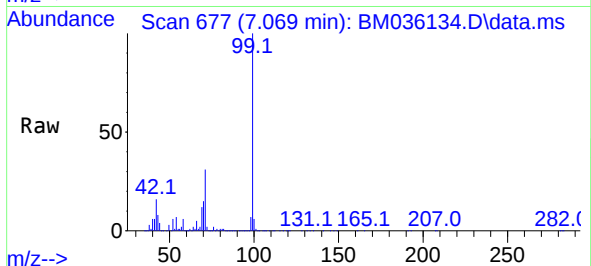
#7
Phenol-d6
Concen: 83.81 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

Instrument :
BNA_M
ClientSampleId :
RVE-179

Tgt Ion: 99 Resp: 183319
Ion Ratio Lower Upper
99 100
42 16.1 18.8 28.2
71 31.4 30.2 45.2

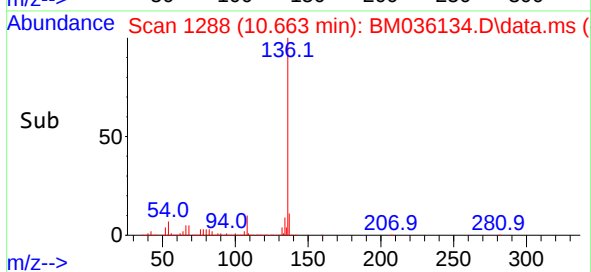
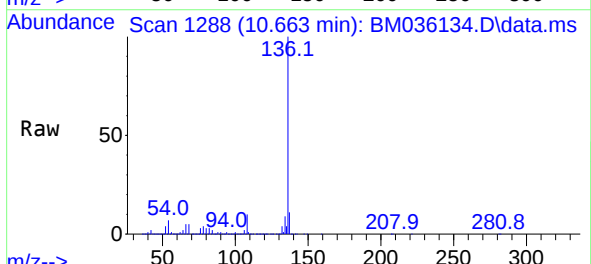
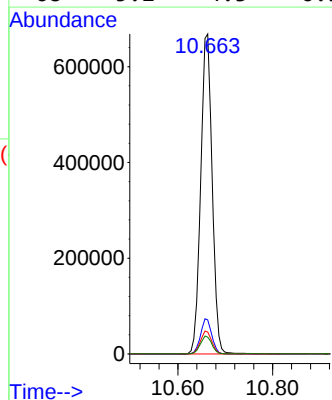
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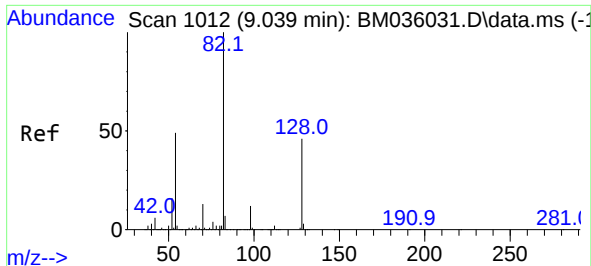
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

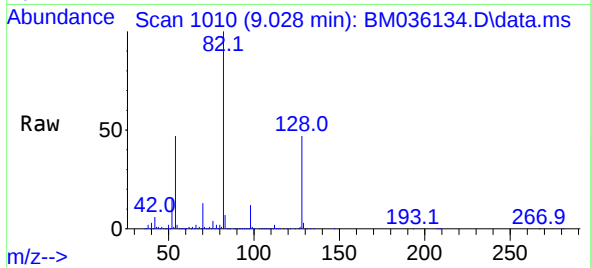
Tgt Ion:136 Resp: 1125051
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.9 7.0 10.4
68 5.2 4.3 6.5





#23
Nitrobenzene-d5
Concen: 55.14 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

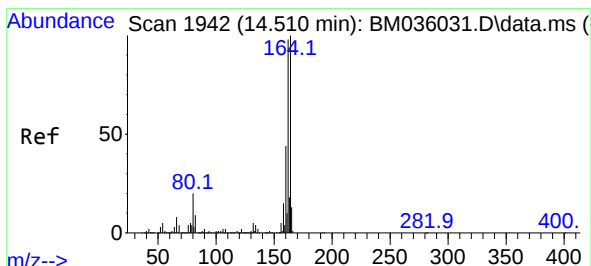
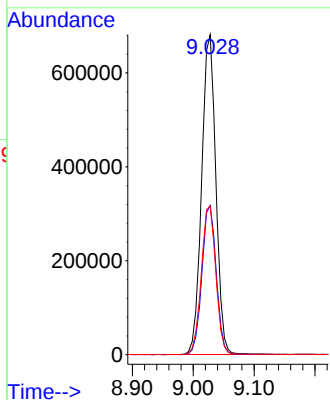
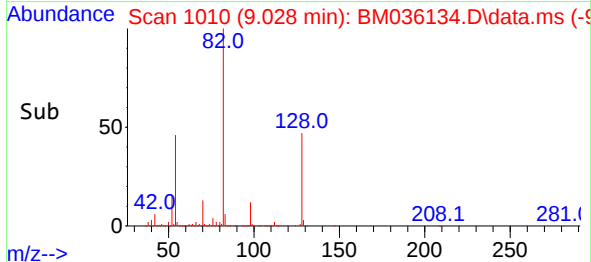
Instrument :
BNA_M
ClientSampleId :
RVE-179



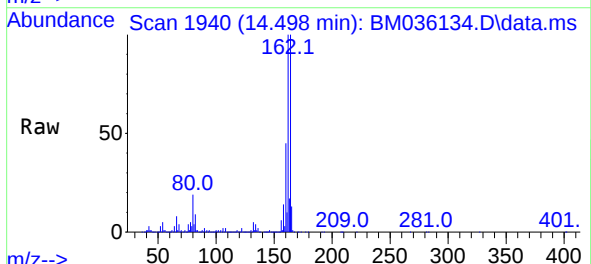
Tgt Ion: 82 Resp: 110822
Ion Ratio Lower Upper
82 100
128 46.6 33.7 50.5
54 46.5 43.2 64.8

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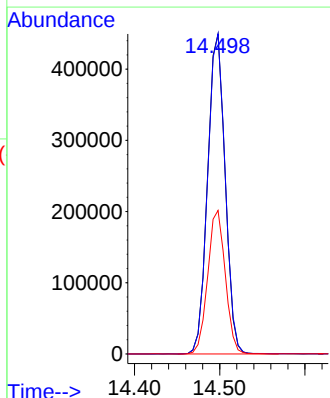
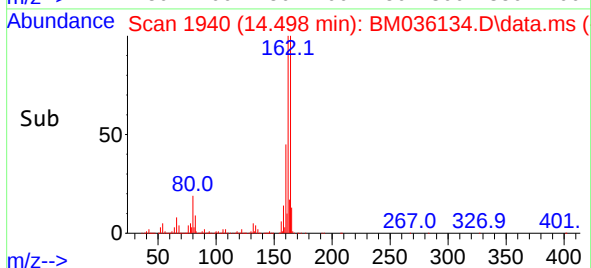
Reviewed By :Christian Giraldo 08/08/2022
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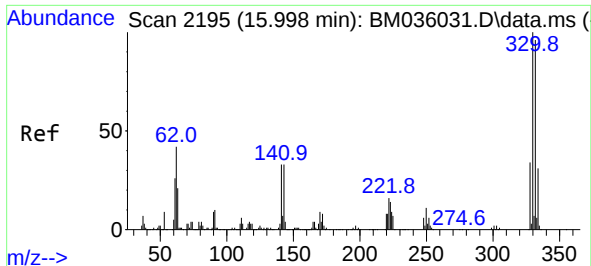


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17



Tgt Ion:164 Resp: 641867
Ion Ratio Lower Upper
164 100
162 100.0 83.0 124.6
160 44.8 37.0 55.4





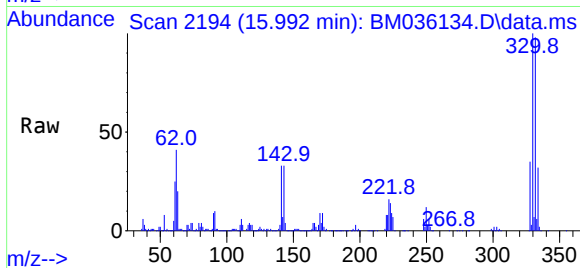
#42
2,4,6-Tribromophenol
Concen: 91.01 ng
RT: 15.992 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

Instrument :

BNA_M

ClientSampleId :

RVE-179

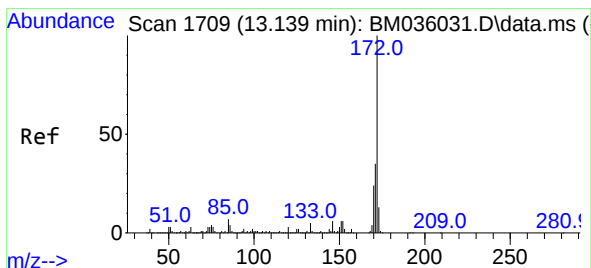
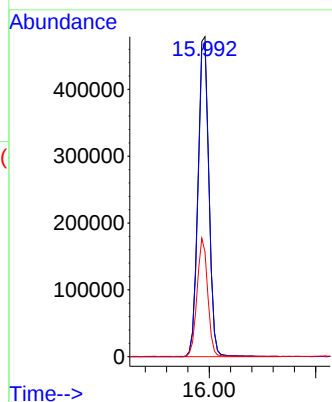
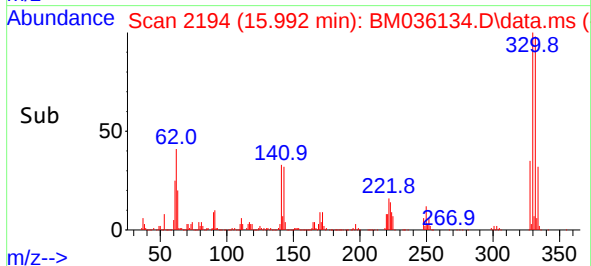


Tgt Ion:330 Resp: 68532
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.4
141 35.9 35.3 52.9

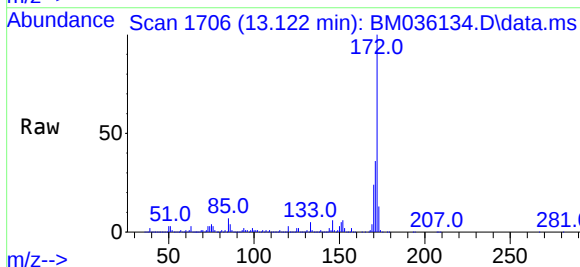
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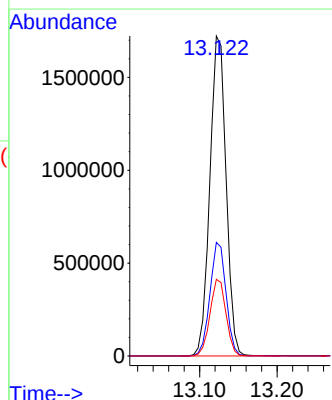
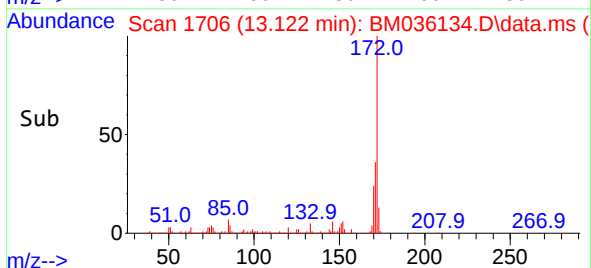
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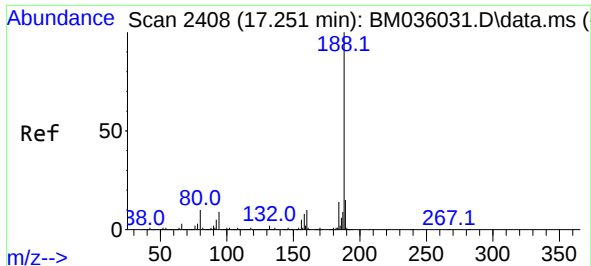


#45
2-Fluorobiphenyl
Concen: 57.65 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17



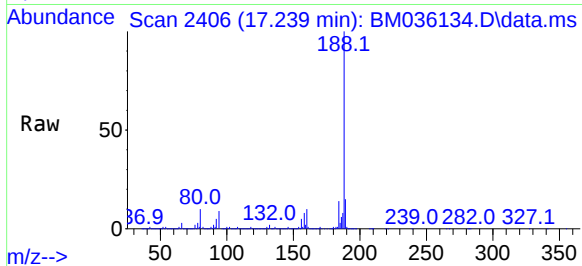
Tgt Ion:172 Resp: 2506398
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.0 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

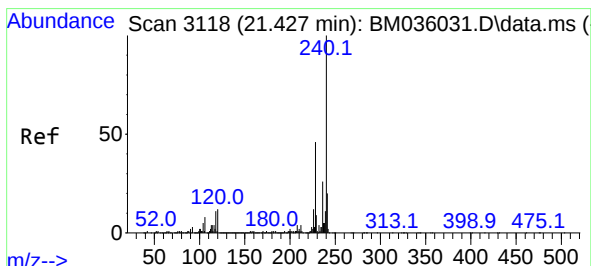
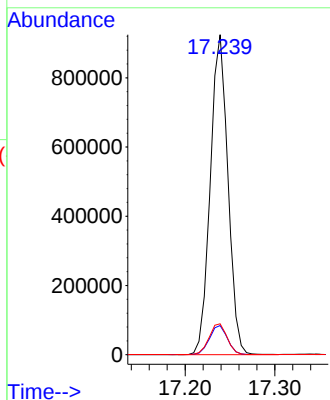
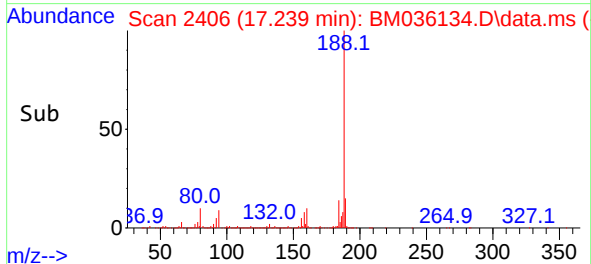
Instrument :
BNA_M
ClientSampleId :
RVE-179



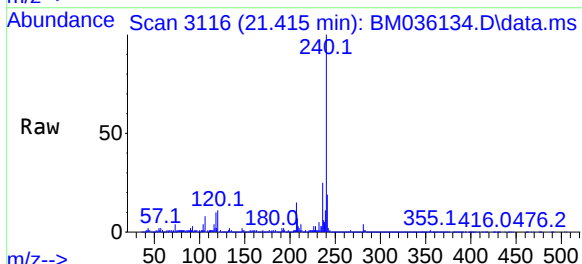
Tgt Ion:188 Resp: 126046
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 9.7 7.6 11.4

Manual Integrations
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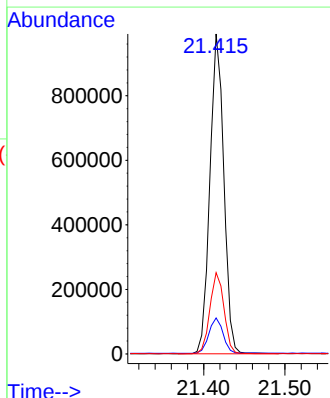
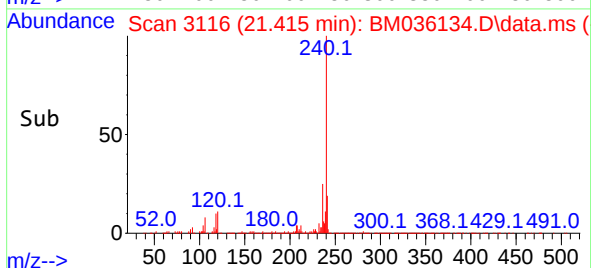
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

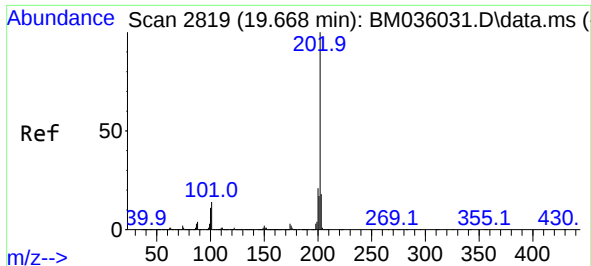


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17



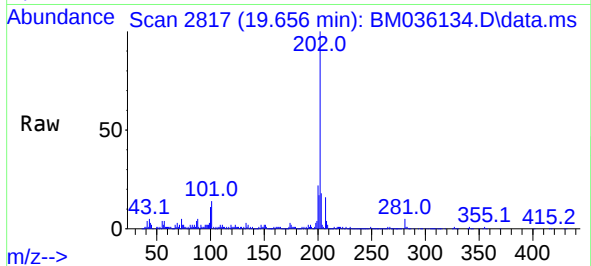
Tgt Ion:240 Resp: 1176466
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.0
236 25.4 20.6 30.8





#78
Pyrene
Concen: 3.07 ng
RT: 19.656 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

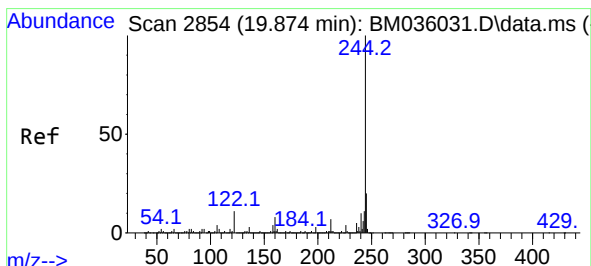
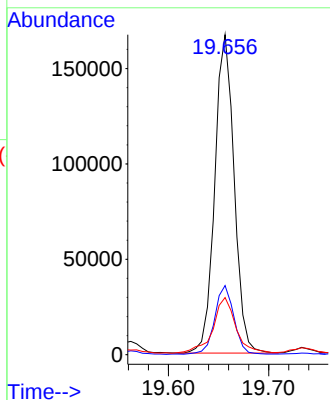
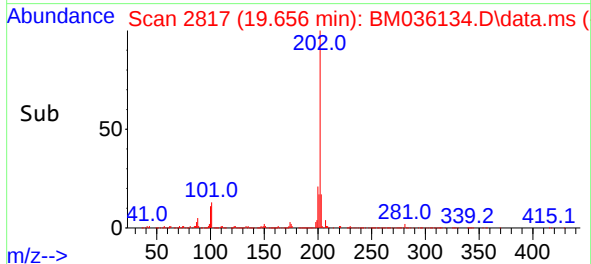
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Tgt Ion:202 Resp: 224084
Ion Ratio Lower Upper
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200 21.6 16.7 25.1
203 17.8 13.9 20.9

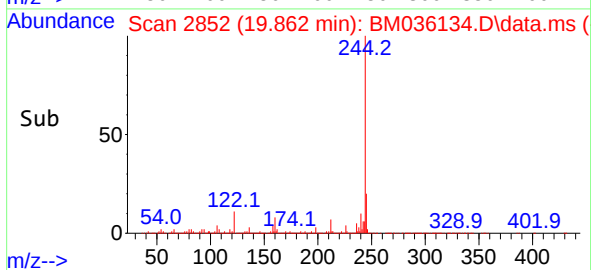
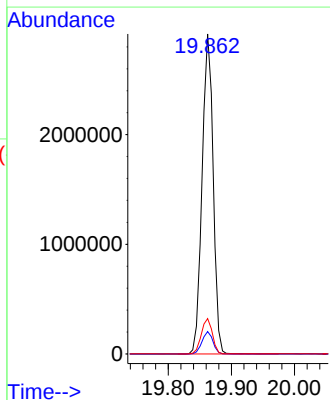
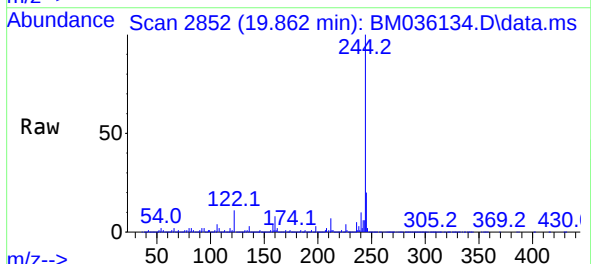
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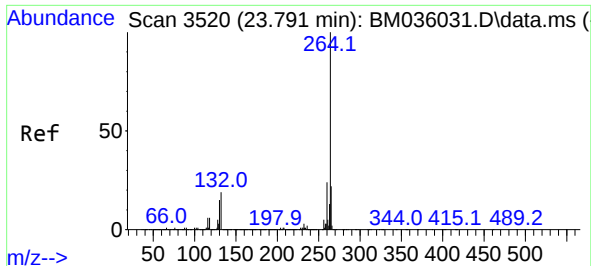
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#79
Terphenyl-d14
Concen: 59.54 ng
RT: 19.862 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

Tgt Ion:244 Resp: 3551463
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.4
122 11.1 8.3 12.5





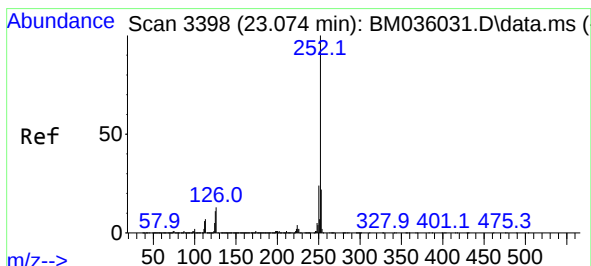
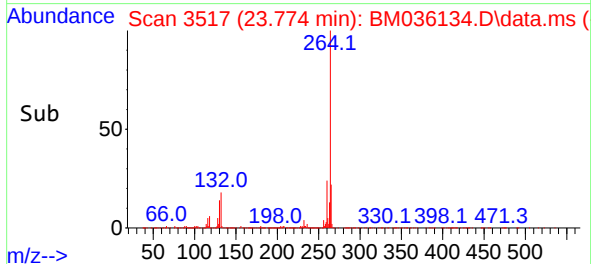
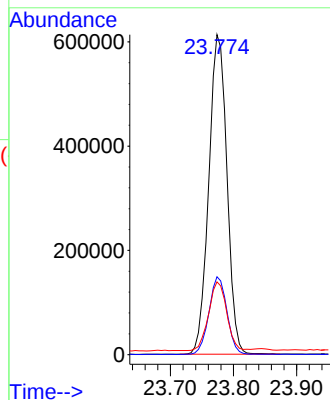
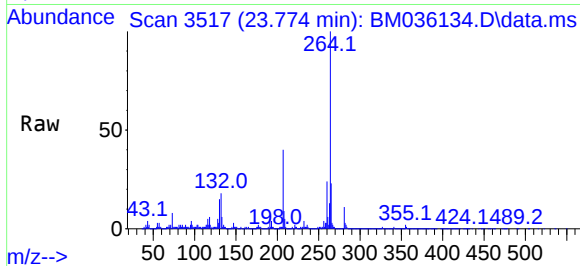
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.012 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

Instrument :
BNA_M
ClientSampleId :
RVE-179

Tgt Ion:264 Resp: 122702
Ion Ratio Lower Upper
264 100
260 24.3 18.9 28.3
265 22.8 17.5 26.3

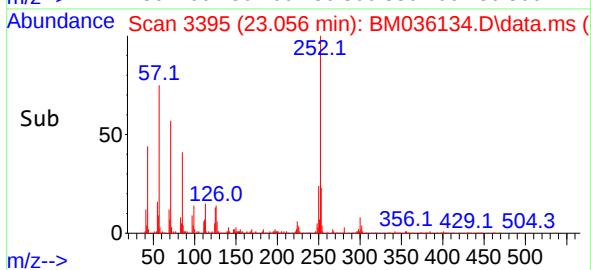
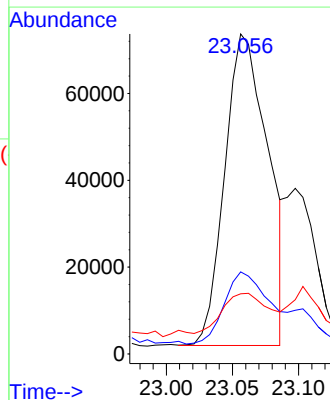
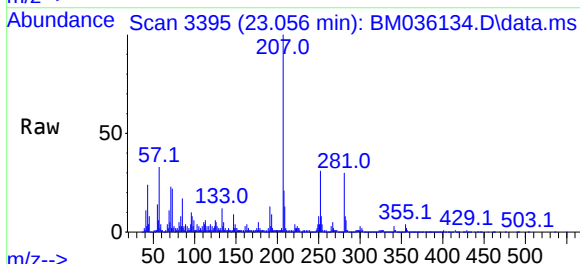
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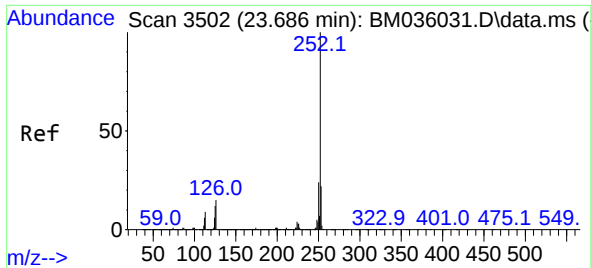
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#88
Benzo(b)fluoranthene
Concen: 2.27 ng m
RT: 23.056 min Scan# 3395
Delta R.T. -0.012 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

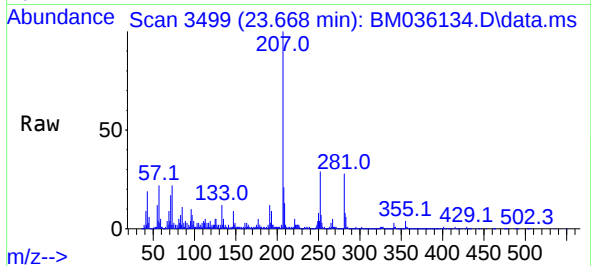
Tgt Ion:252 Resp: 162897
Ion Ratio Lower Upper
252 100
253 25.7 17.6 26.4
125 18.8 7.6 11.4#





#90
Benzo(a)pyrene
Concen: 2.16 ng
RT: 23.668 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM036134.D
Acq: 06 Aug 2022 00:17

Instrument :
BNA_M
ClientSampleId :
RVE-179



Tgt Ion:252 Resp: 13037
Ion Ratio Lower Upper
252 100
253 24.6 17.2 25.8
125 16.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

