

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010599.D
 Acq On : 28 May 2022 14:35
 Operator : CG/JU
 Sample : N3087-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-14

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/29/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 28 23:36:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	152523	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	613069	20.000	ng	0.01
39) Acenaphthene-d10	14.504	164	421087	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	905707	20.000	ng	0.00
76) Chrysene-d12	21.339	240	922365	20.000	ng	0.00
86) Perylene-d12	23.751	264	965968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	497260	59.477	ng	0.00
7) Phenol-d6	7.040	99	389927	32.852	ng	0.00
23) Nitrobenzene-d5	9.034	82	1108422	85.479	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	682654	143.219	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	2369401	79.859	ng	0.00
79) Terphenyl-d14	19.816	244	3867582	78.760	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.734	128	35405306m	1096.250	ng	
37) 2-Methylnaphthalene	12.340	142	8404585	372.948	ng	99
38) 1-Methylnaphthalene	12.563	142	9794354	445.037	ng	100
46) 1,1'-Biphenyl	13.334	154	956046	30.440	ng	100
52) Acenaphthene	14.569	154	2325557	99.892	ng	99
58) Fluorene	15.551	166	890794	29.597	ng	100
71) Phenanthrene	17.298	178	2220221	44.701	ng	99
72) Anthracene	17.386	178	406559	8.548	ng	100
75) Fluoranthene	19.263	202	157895	2.927	ng	98
78) Pyrene	19.616	202	294085	4.575	ng	99

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

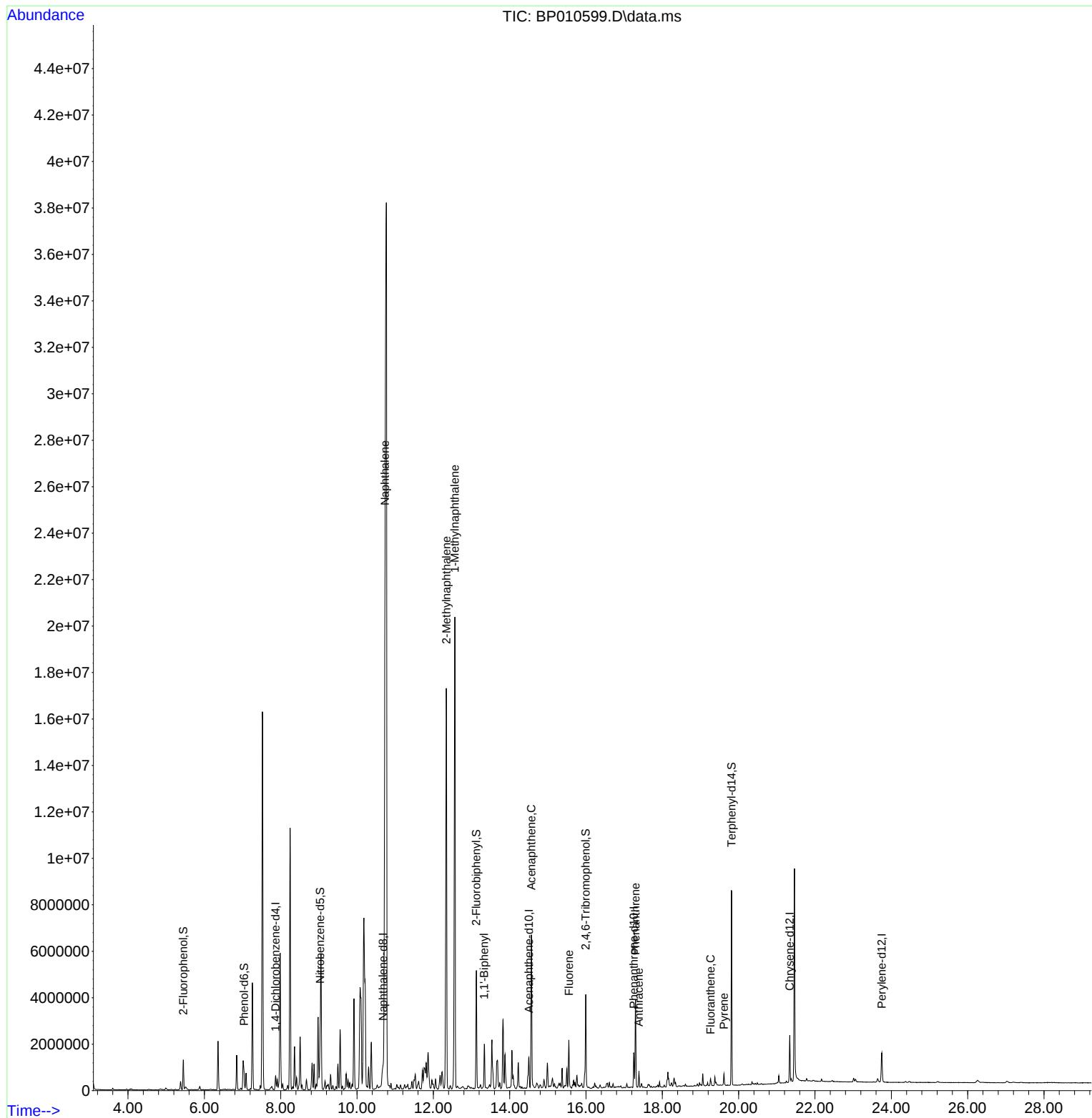
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
Data File : BP010599.D
Acq On : 28 May 2022 14:35
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ALS Vial : 9 Sample Multiplier: 1

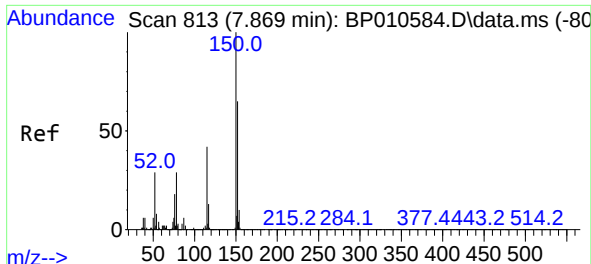
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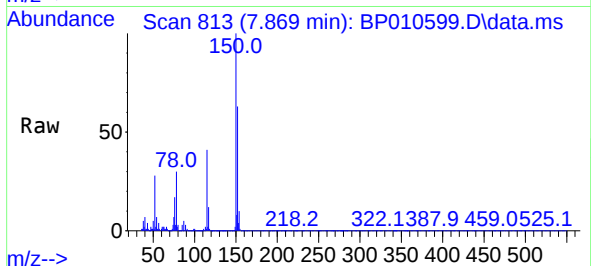
Quant Time: May 28 23:36:40 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 28 02:18:04 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

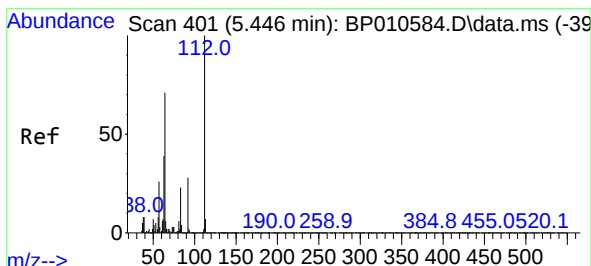
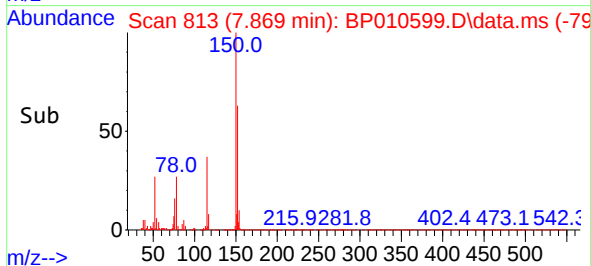
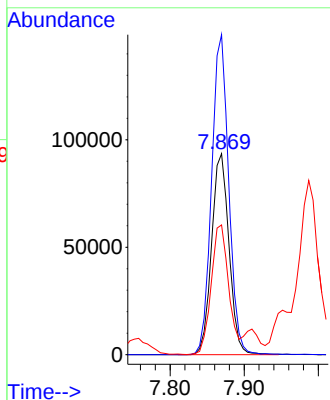
Instrument :
BNA_P
ClientSampleId :
MW-14



Tgt Ion:152 Resp: 15252
Ion Ratio Lower Upper
152 100
150 159.3 123.4 185.2
115 64.6 51.3 76.9

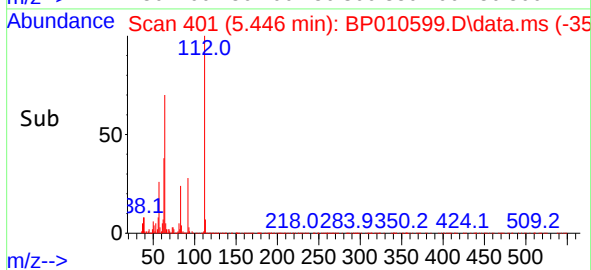
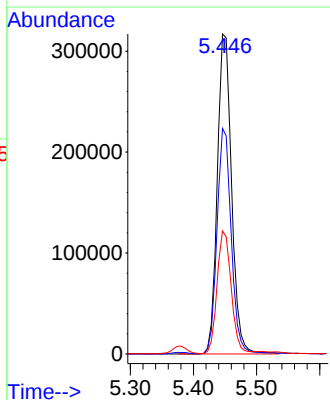
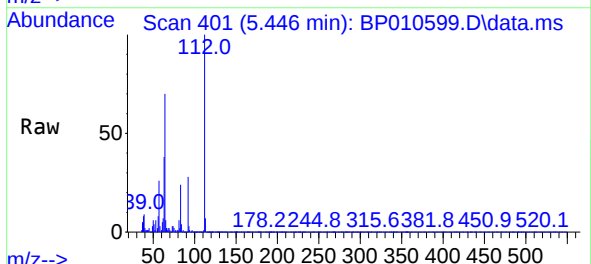
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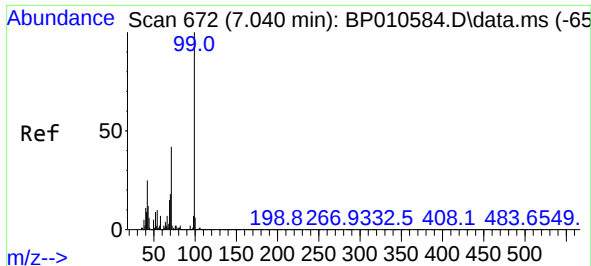
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#5
2-Fluorophenol
Concen: 59.477 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

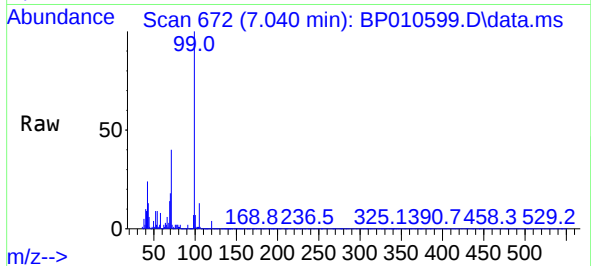
Tgt Ion:112 Resp: 497260
Ion Ratio Lower Upper
112 100
64 70.5 56.9 85.3
63 38.5 31.2 46.8





#7
Phenol-d6
Concen: 32.852 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

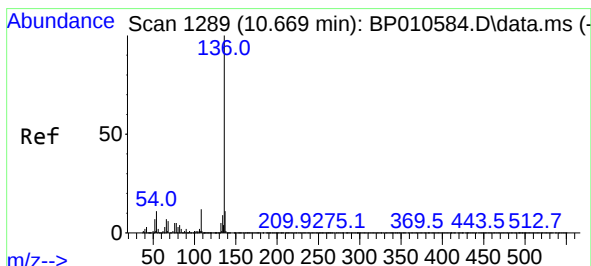
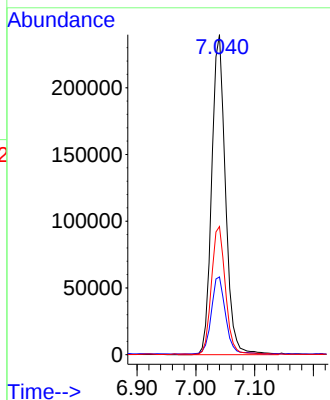
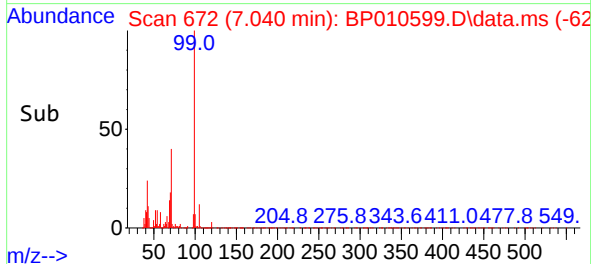
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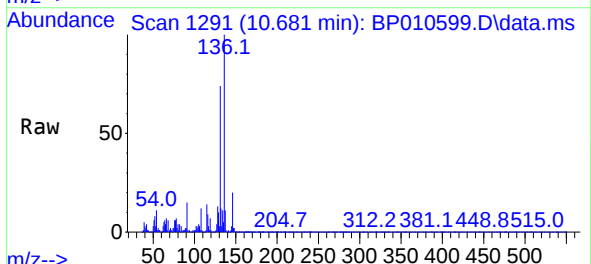
Tgt Ion: 99 Resp: 38992
Ion Ratio Lower Upper
99 100
42 24.3 20.3 30.5
71 40.0 33.9 50.9

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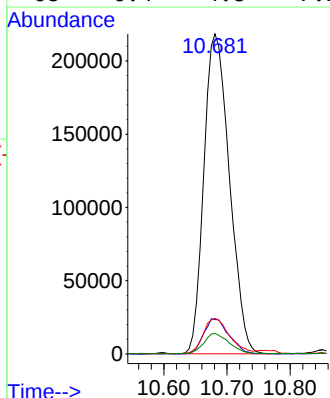
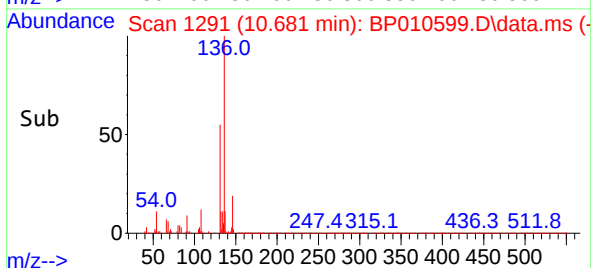
Reviewed By :Christian Giraldo 05/29/2022
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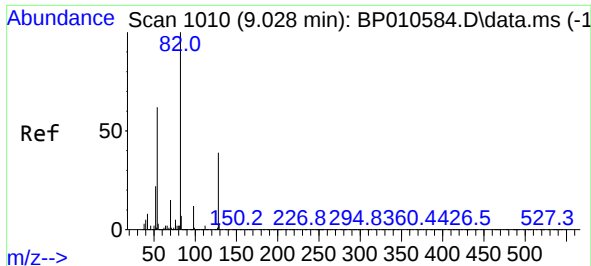


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. 0.012 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35



Tgt Ion:136 Resp: 613069
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 11.1 8.7 13.1
68 6.4 4.8 7.2





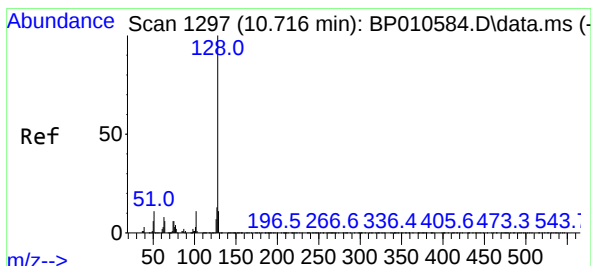
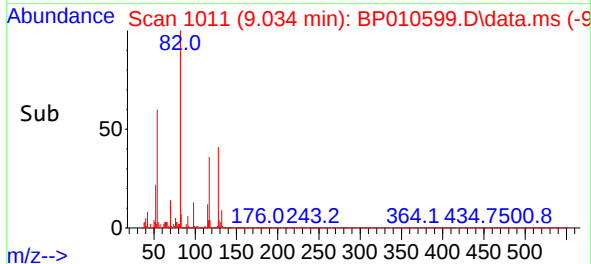
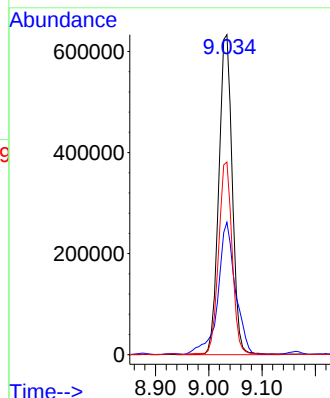
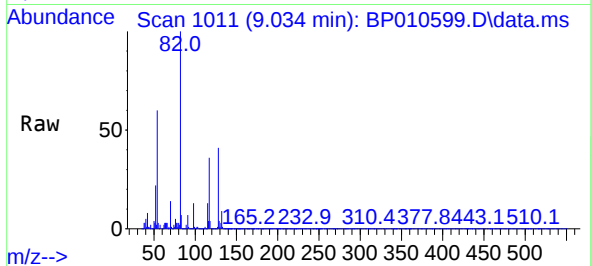
#23
Nitrobenzene-d5
Concen: 85.479 ng
RT: 9.034 min Scan# 110
Delta R.T. 0.006 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Instrument :
BNA_P
ClientSampleId :
MW-14

Tgt Ion: 82 Resp: 110842
Ion Ratio Lower Upper
82 100
128 41.3 31.3 46.9
54 60.2 49.8 74.8

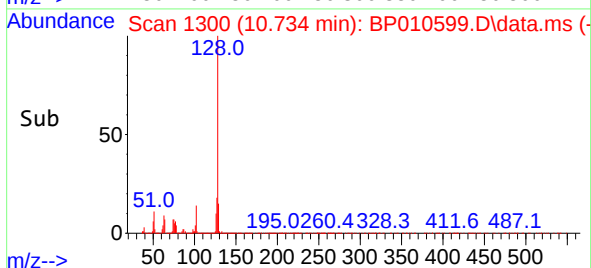
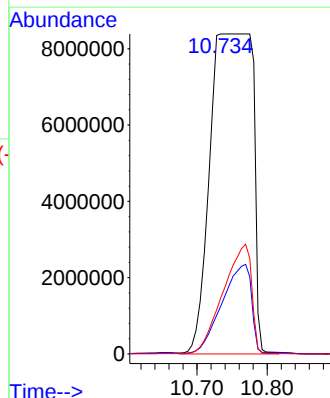
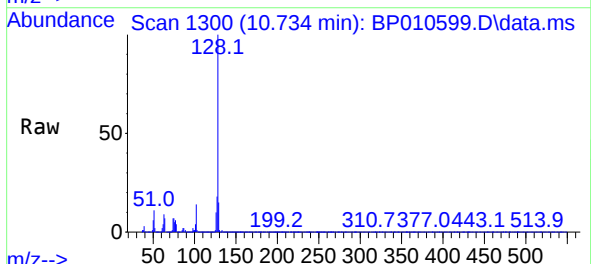
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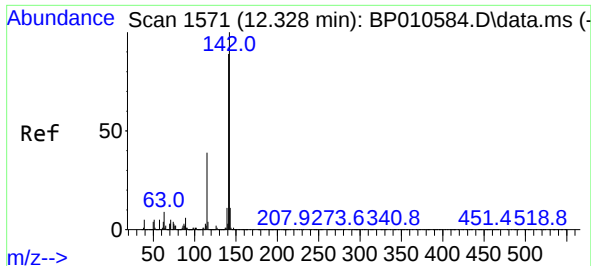
Reviewed By :Christian Giraldo 05/29/2022
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#31
Naphthalene
Concen: 1096.250 ng m
RT: 10.734 min Scan# 1300
Delta R.T. 0.018 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Tgt Ion:128 Resp:35405306
Ion Ratio Lower Upper
128 100
129 15.0 8.6 12.8#
127 17.6 10.3 15.5#





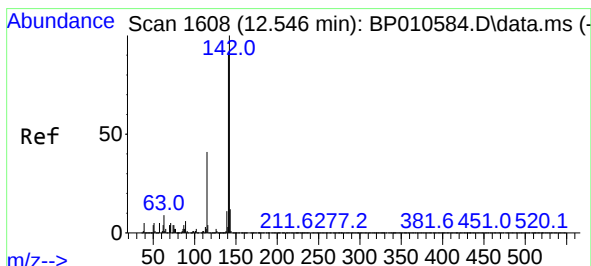
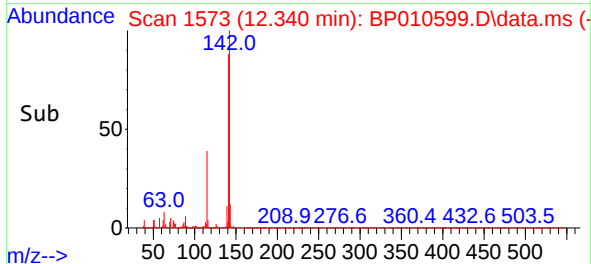
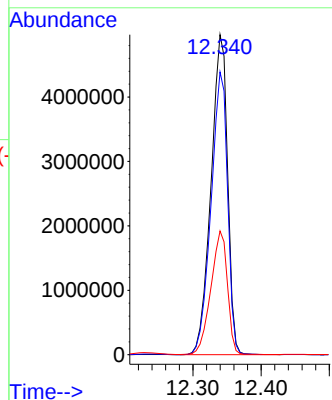
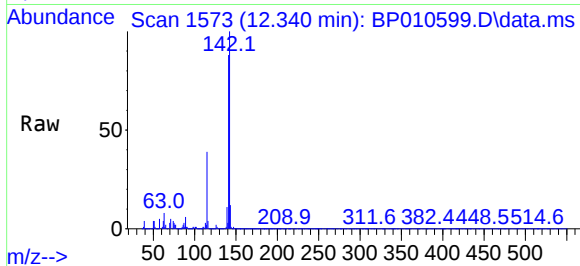
#37
2-Methylnaphthalene
Concen: 372.948 ng
RT: 12.340 min Scan# 1610
Delta R.T. 0.012 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Instrument :
BNA_P
ClientSampleId :
MW-14

Tgt Ion:142 Resp: 840458
Ion Ratio Lower Upper
142 100
141 88.4 71.3 106.9
115 38.7 31.4 47.2

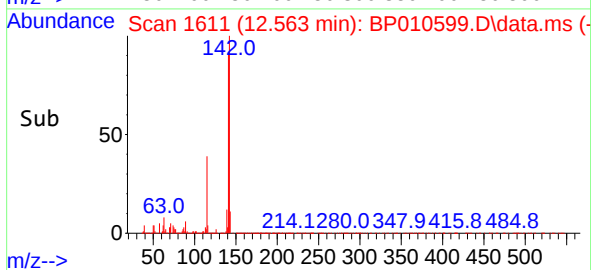
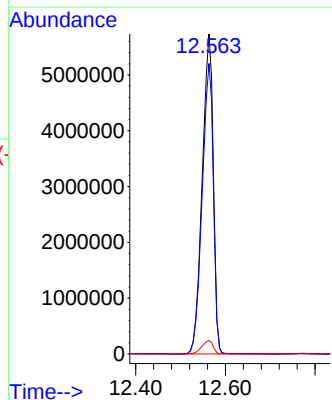
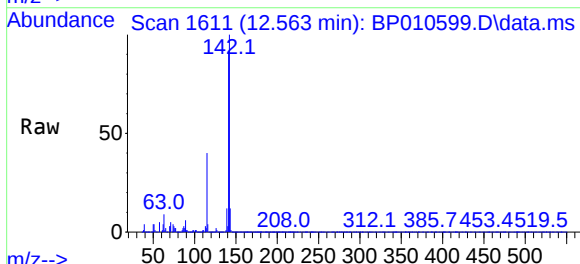
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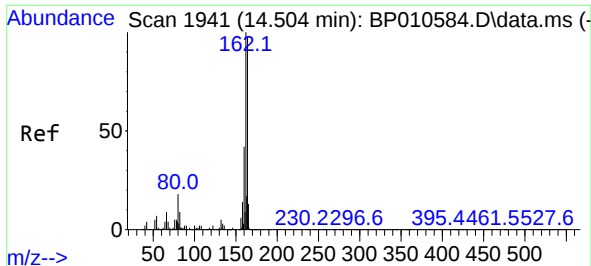
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#38
1-Methylnaphthalene
Concen: 445.037 ng
RT: 12.563 min Scan# 1611
Delta R.T. 0.018 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

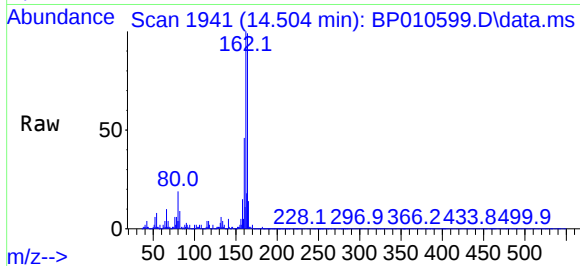
Tgt Ion:142 Resp: 9794354
Ion Ratio Lower Upper
142 100
141 90.8 72.6 108.8
116 4.2 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

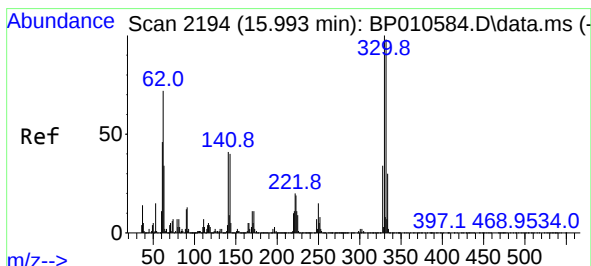
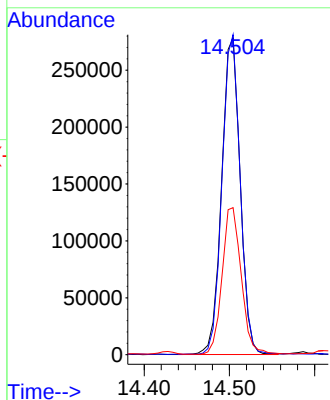
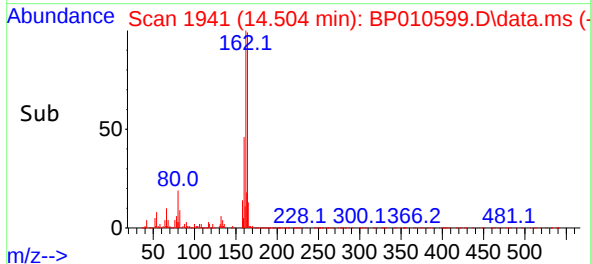
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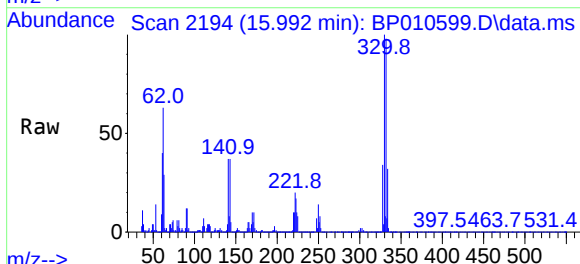
Tgt Ion:164 Resp: 42108
Ion Ratio Lower Upper
164 100
162 101.0 81.9 122.9
160 46.4 34.6 51.8

Manual Integrations
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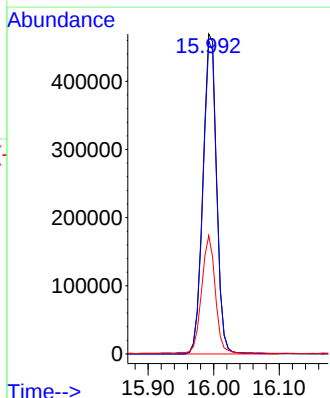
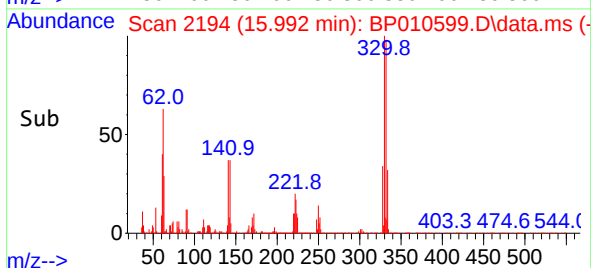
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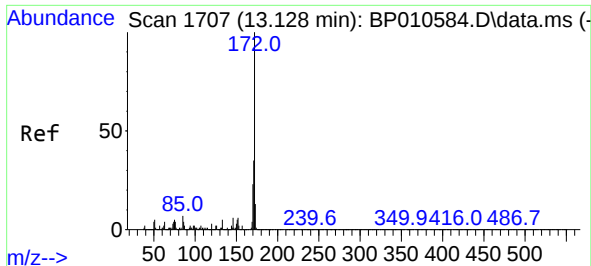


#42
2,4,6-Tribromophenol
Concen: 143.219 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35



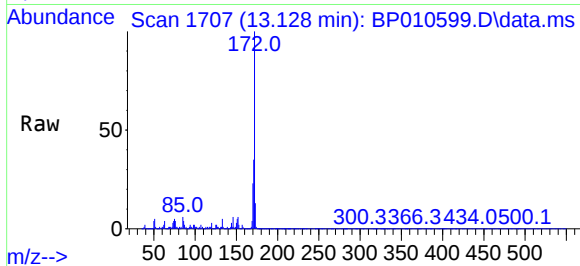
Tgt Ion:330 Resp: 682654
Ion Ratio Lower Upper
330 100
332 97.5 78.1 117.1
141 36.5 31.4 47.2





#45
2-Fluorobiphenyl
Concen: 79.859 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

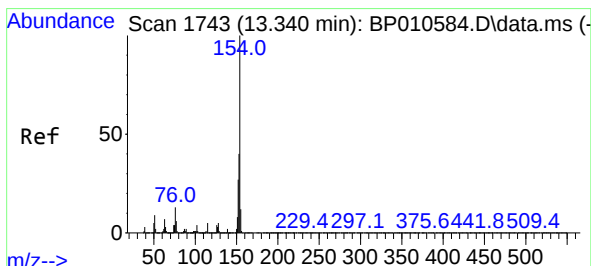
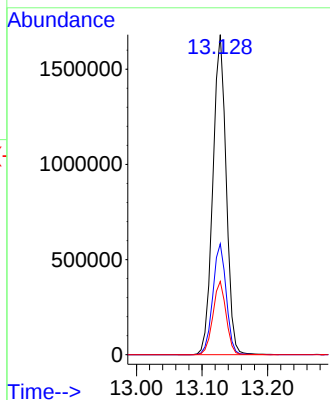
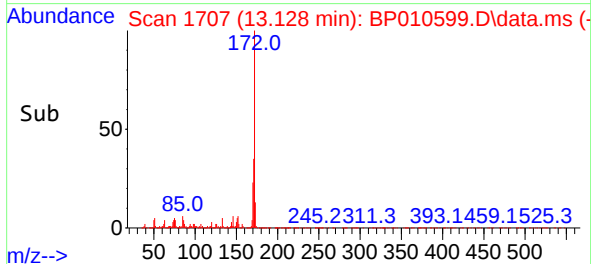
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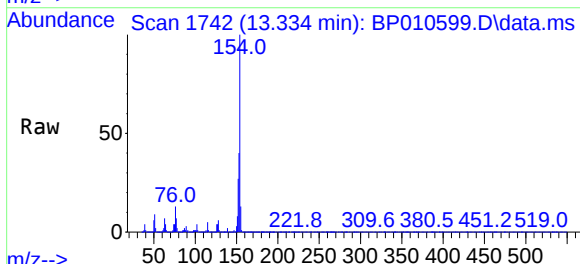
Tgt Ion:172 Resp: 236940
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 22.9 18.2 27.2

Manual Integrations
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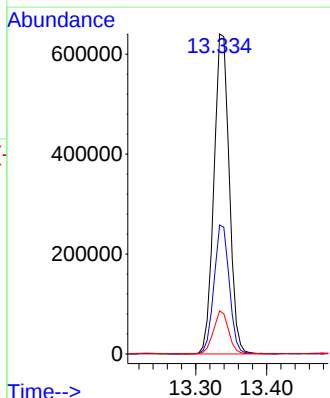
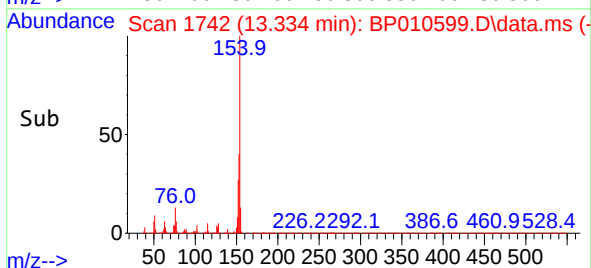
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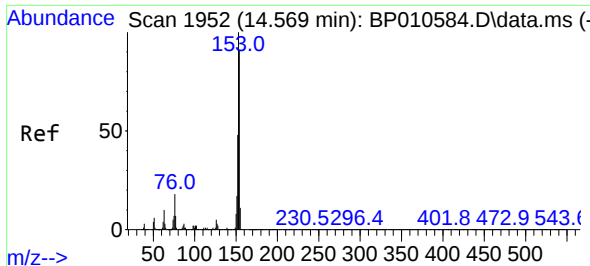


#46
1,1'-Biphenyl
Concen: 30.440 ng
RT: 13.334 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35



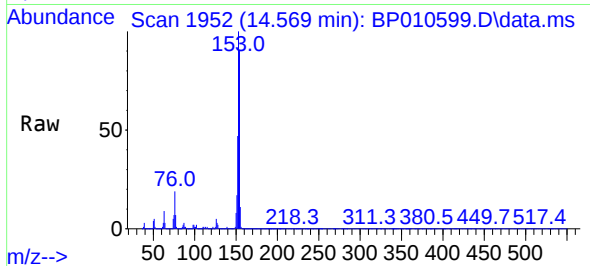
Tgt Ion:154 Resp: 956046
Ion Ratio Lower Upper
154 100
153 40.3 20.1 60.1
76 13.4 0.0 33.2





#52
Acenaphthene
Concen: 99.892 ng
RT: 14.569 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

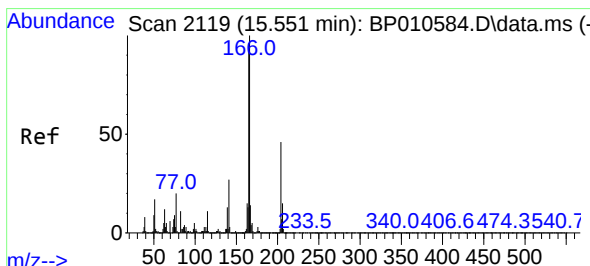
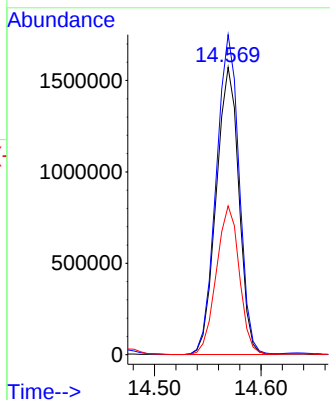
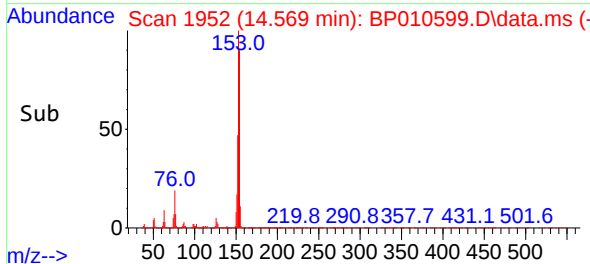
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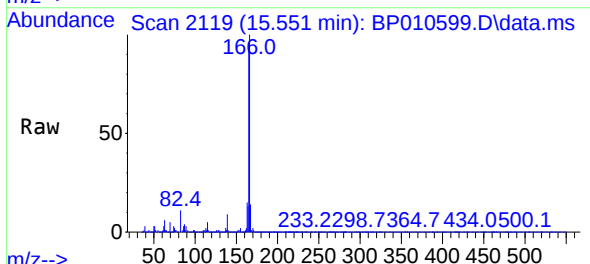
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Ion Ratio Lower Upper
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153 111.3 87.4 131.2
152 51.8 41.7 62.5

Manual Integrations
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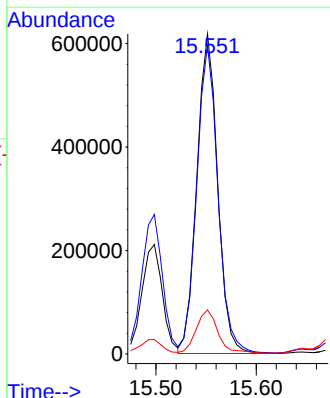
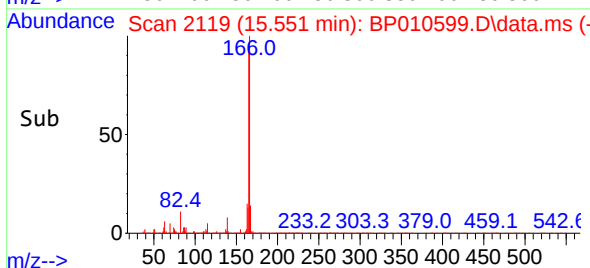
Reviewed By :Christian Giraldo 05/29/2022
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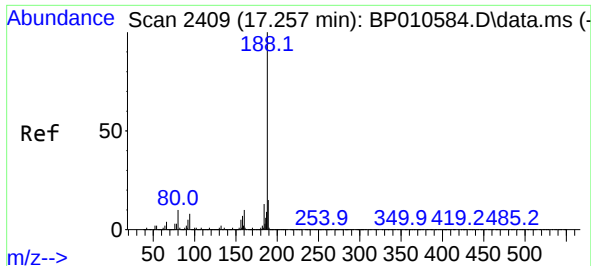


#58
Fluorene
Concen: 29.597 ng
RT: 15.551 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35



Tgt Ion:166 Resp: 890794
Ion Ratio Lower Upper
166 100
165 96.5 77.0 115.4
167 13.8 10.9 16.3





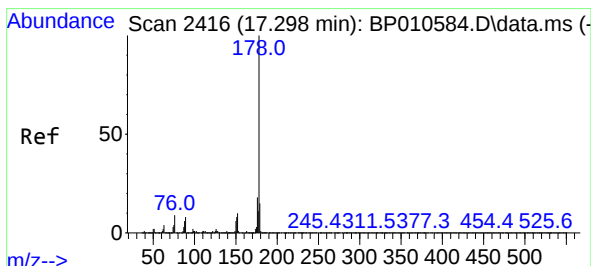
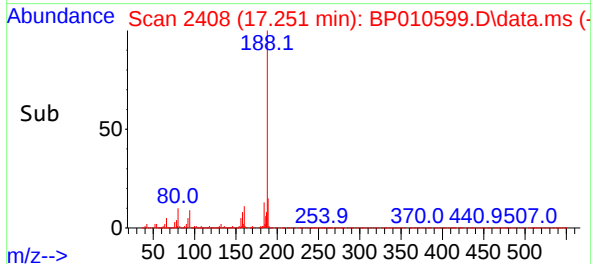
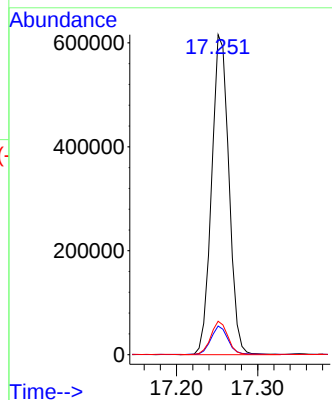
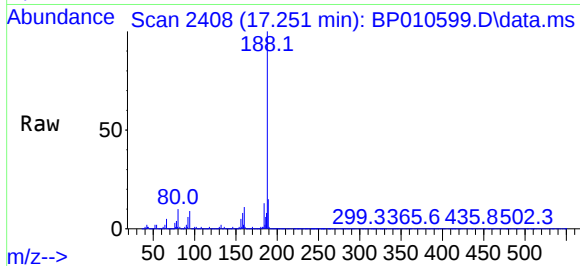
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Instrument :
BNA_P
ClientSampleId :
MW-14

Tgt Ion:188 Resp: 90570
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 10.5 8.0 12.0

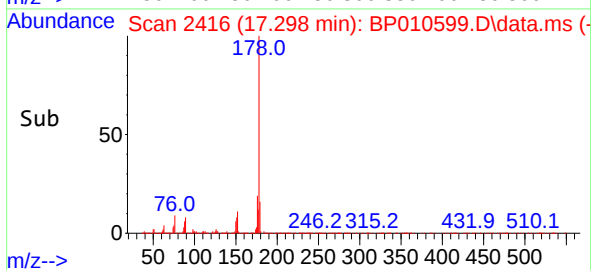
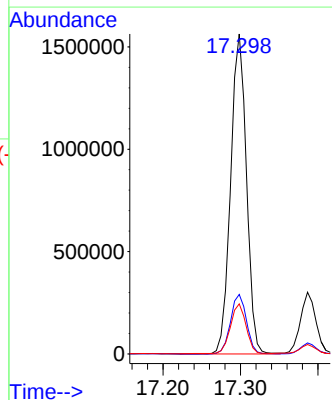
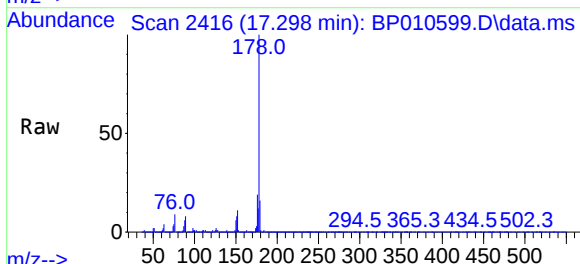
Manual Integrations
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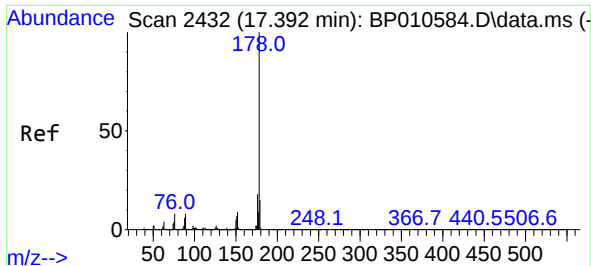
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#71
Phenanthrene
Concen: 44.701 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

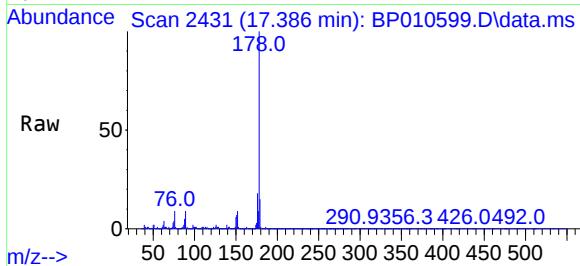
Tgt Ion:178 Resp: 2220221
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.7 12.2 18.2





#72
 Anthracene
 Concen: 8.548 ng
 RT: 17.386 min Scan# 2432
 Delta R.T. -0.006 min
 Lab File: BP010599.D
 Acq: 28 May 2022 14:35

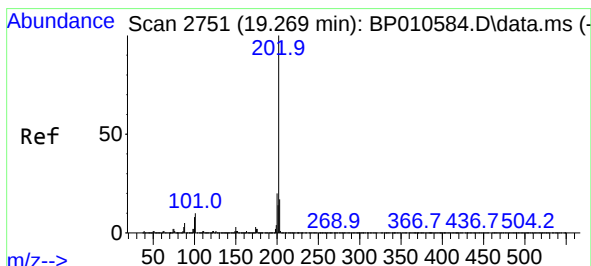
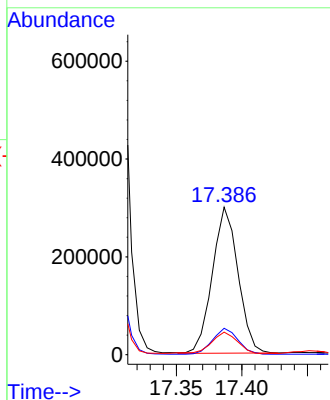
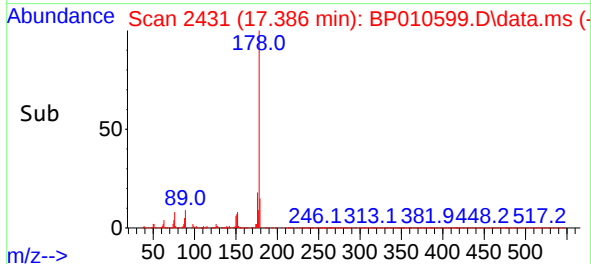
Instrument :
 BNA_P
 ClientSampleId :
 MW-14



Tgt Ion:178 Resp: 406559
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.5 21.7
 179 15.3 12.2 18.4

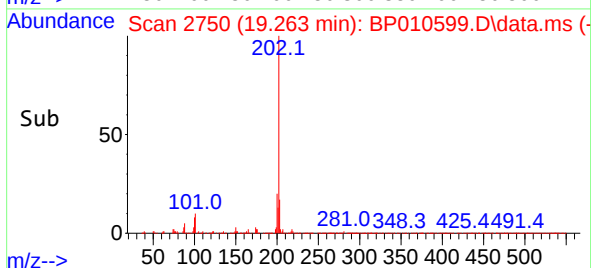
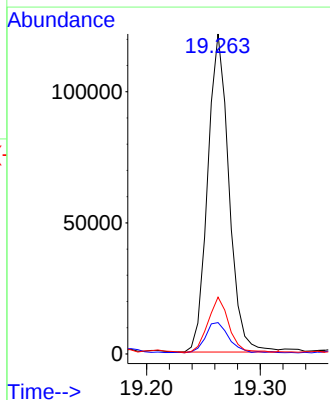
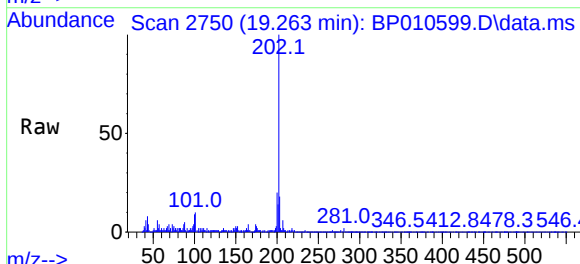
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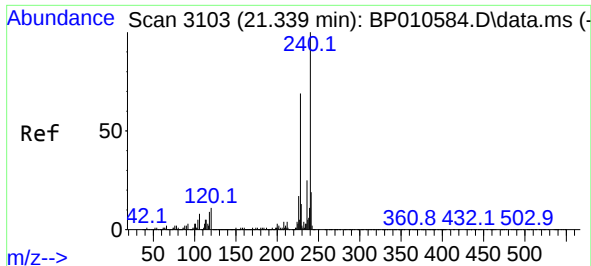
Reviewed By :Christian Giraldo 05/29/2022
 Supervised By :Jagrut Upadhyay 05/31/2022



#75
 Fluoranthene
 Concen: 2.927 ng
 RT: 19.263 min Scan# 2750
 Delta R.T. -0.006 min
 Lab File: BP010599.D
 Acq: 28 May 2022 14:35

Tgt Ion:202 Resp: 157895
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 29.6
 203 17.8 0.0 36.9





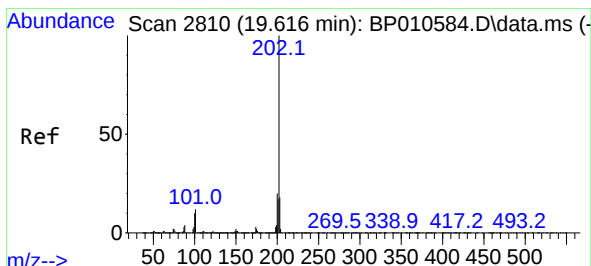
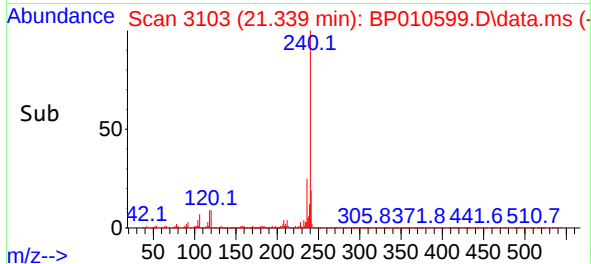
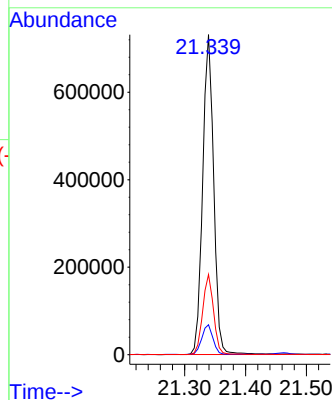
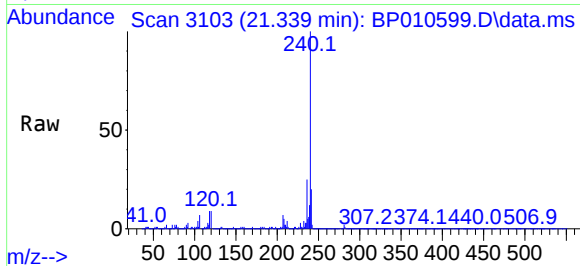
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Instrument :
BNA_P
ClientSampleId :
MW-14

Tgt Ion:240 Resp: 92236
Ion Ratio Lower Upper
240 100
120 9.4 8.6 12.8
236 25.0 19.8 29.6

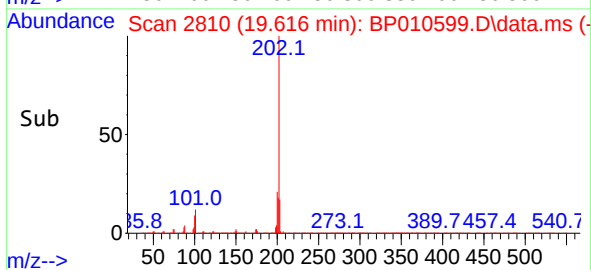
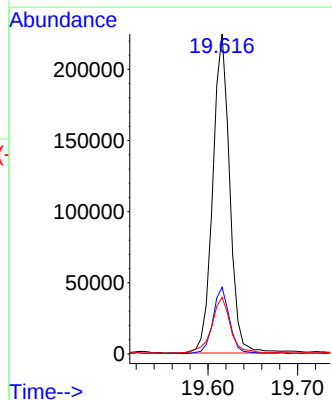
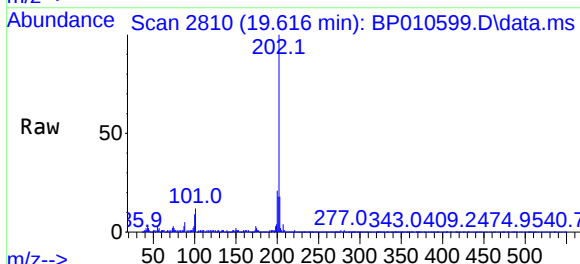
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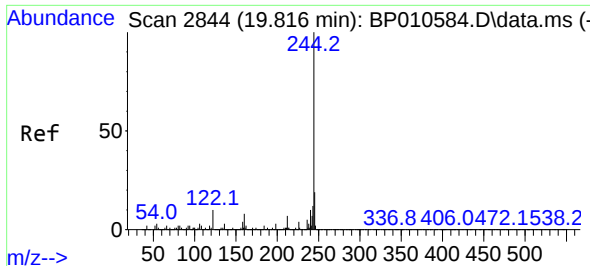
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#78
Pyrene
Concen: 4.575 ng
RT: 19.616 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

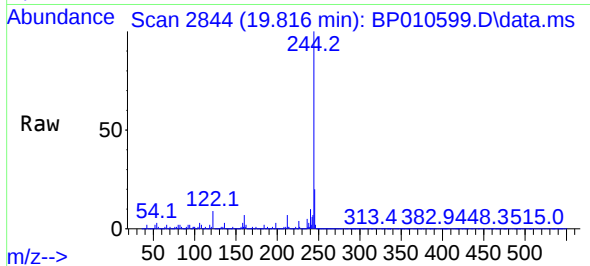
Tgt Ion:202 Resp: 294085
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 17.7 14.2 21.4





#79
Terphenyl-d14
Concen: 78.760 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

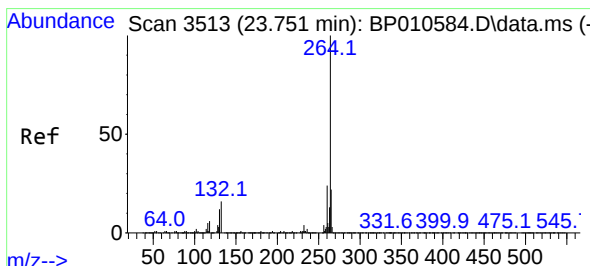
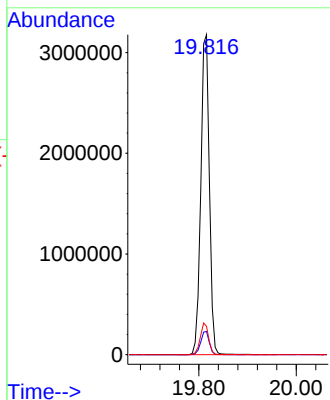
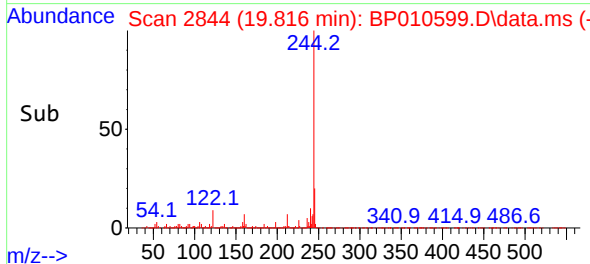
Instrument :
BNA_P
ClientSampleId :
MW-14



Tgt Ion:244 Resp: 386758
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 8.9 7.6 11.4

Manual Integrations
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Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.000 min
Lab File: BP010599.D
Acq: 28 May 2022 14:35

Tgt Ion:264 Resp: 965968
Ion Ratio Lower Upper
264 100
260 22.4 19.3 28.9
265 22.1 18.0 27.0

