

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
 Data File : BP012716.D
 Acq On : 23 Nov 2022 18:23
 Operator : CG/JU
 Sample : N5749-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-83.5

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/25/2022
 Supervised By :Jagrut Upadhyay 11/25/2022

Quant Time: Nov 24 02:32:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 00:38:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	351977	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	1313071	20.000	ng	0.00
39) Acenaphthene-d10	14.663	164	727317	20.000	ng	0.00
64) Phenanthrene-d10	17.422	188	1444857	20.000	ng	0.00
76) Chrysene-d12	21.504	240	1428997	20.000	ng	0.00
86) Perylene-d12	24.027	264	1591278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2874962	176.955	ng	0.00
7) Phenol-d6	7.181	99	3368384	144.566	ng	0.00
23) Nitrobenzene-d5	9.199	82	1977371	83.986	ng	0.00
42) 2,4,6-Tribromophenol	16.151	330	1266190	134.274	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	4771749	93.468	ng	0.00
79) Terphenyl-d14	19.969	244	7348616	109.297	ng	0.00
Target Compounds						
32) Benzoic acid	10.040	122	35543m	7.735	ng	Qvalue
74) Di-n-butylphthalate	18.369	149	7313	5.787	ng	# 97

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

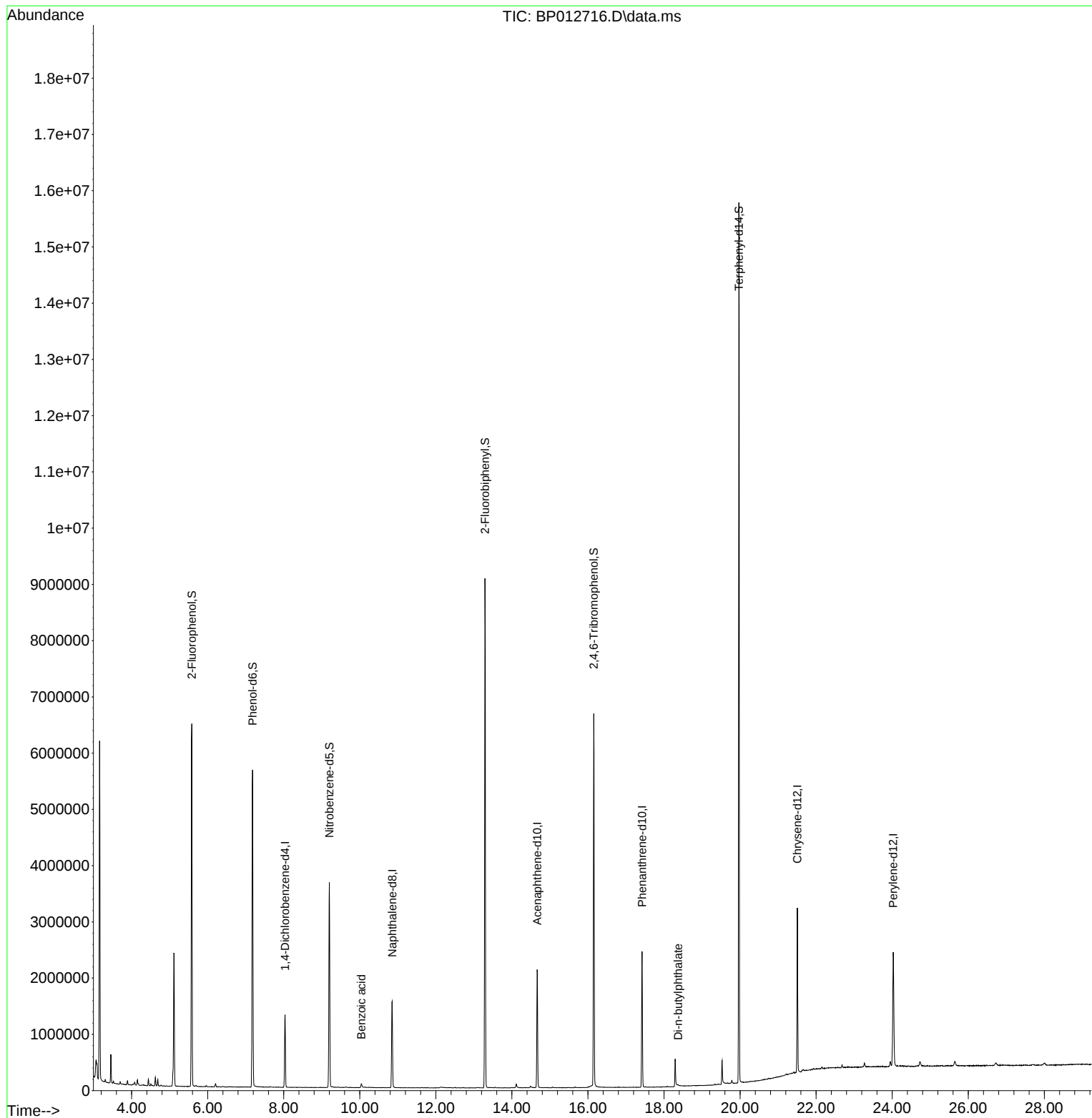
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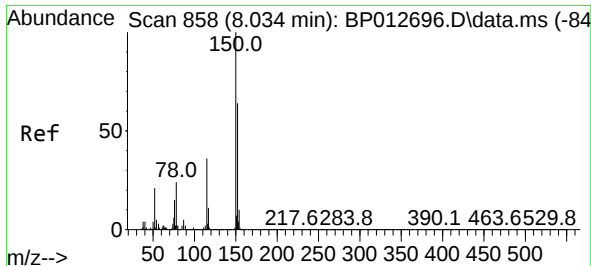
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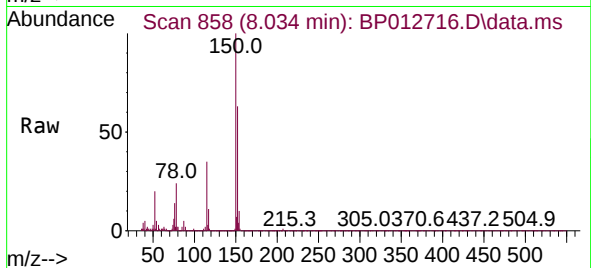
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 858
Delta R.T. 0.000 min
Lab File: BP012716.D
Acq: 23 Nov 2022 18:23

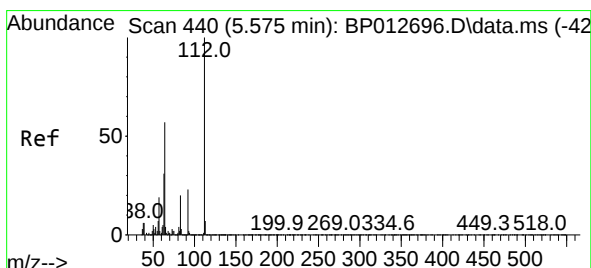
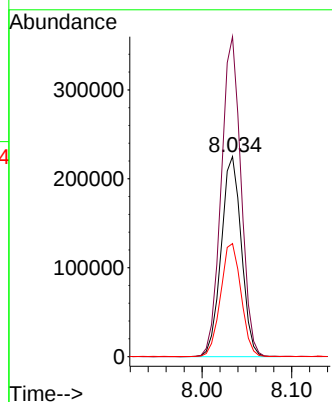
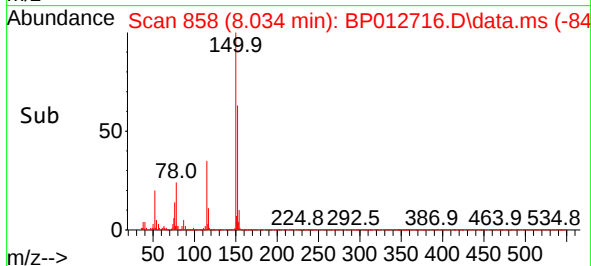
Instrument :
BNA_P
ClientSampleId :
MH-83.5



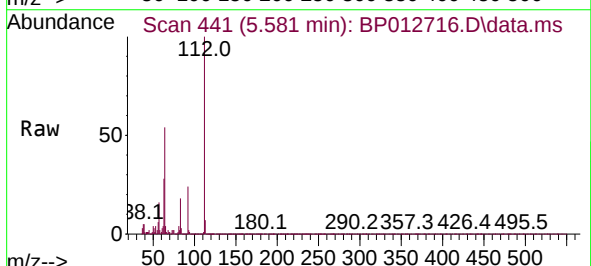
Tgt Ion:152 Resp: 351972
Ion Ratio Lower Upper
152 100
150 160.0 126.0 189.0
115 56.5 44.9 67.3

Manual Integrations
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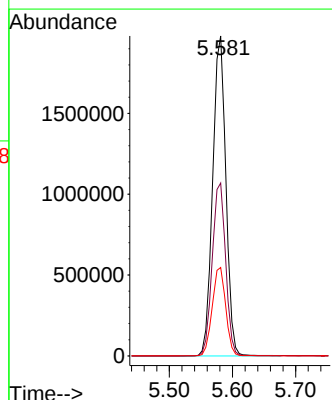
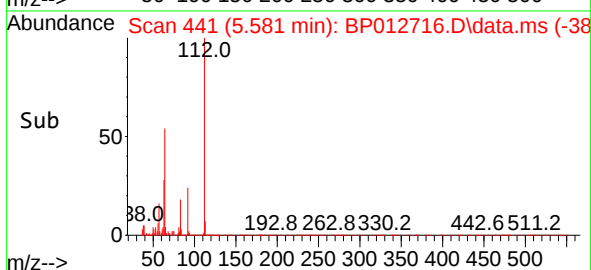
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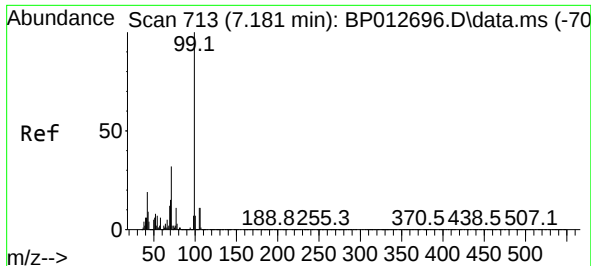


#5
2-Fluorophenol
Concen: 176.955 ng
RT: 5.581 min Scan# 441
Delta R.T. 0.006 min
Lab File: BP012716.D
Acq: 23 Nov 2022 18:23



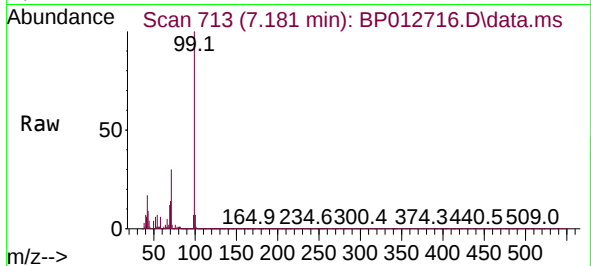
Tgt Ion:112 Resp: 2874962
Ion Ratio Lower Upper
112 100
64 54.0 45.4 68.0
63 27.6 24.6 37.0





#7
Phenol-d6
Concen: 144.566 ng
RT: 7.181 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP012716.D
Acq: 23 Nov 2022 18:23

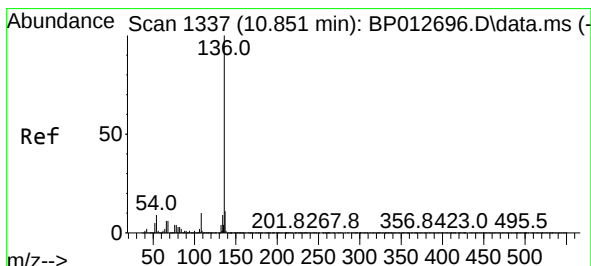
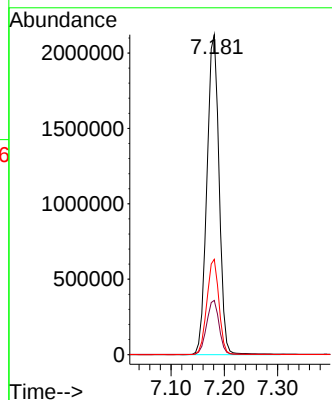
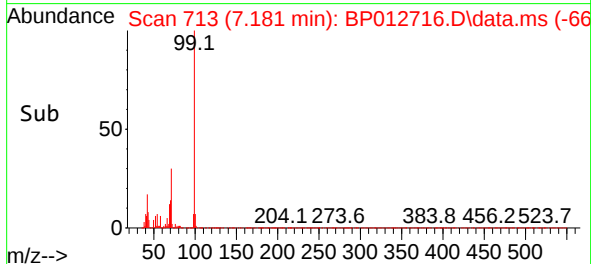
Instrument :
BNA_P
ClientSampleId :
MH-83.5



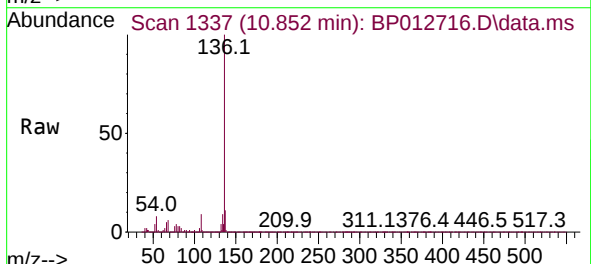
Tgt Ion: 99 Resp: 3368384
Ion Ratio Lower Upper
99 100
42 16.9 15.0 22.6
71 29.8 25.3 37.9

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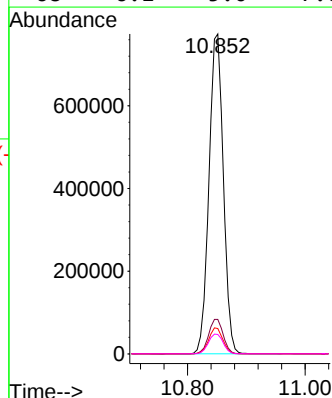
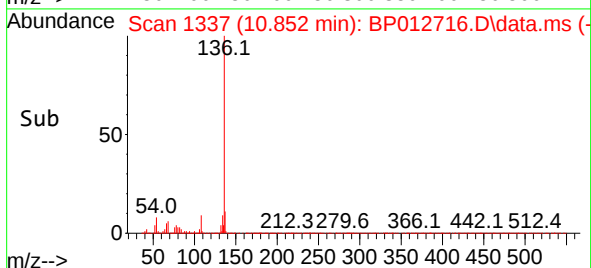
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

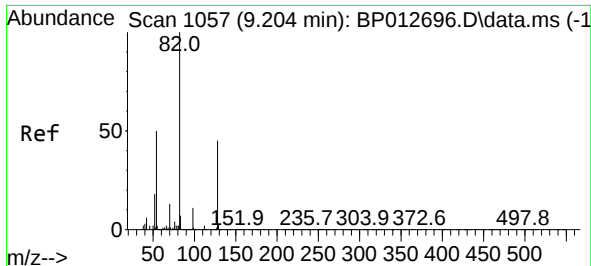


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BP012716.D
Acq: 23 Nov 2022 18:23



Tgt Ion:136 Resp: 1313071
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.9 6.9 10.3
68 6.1 5.0 7.6





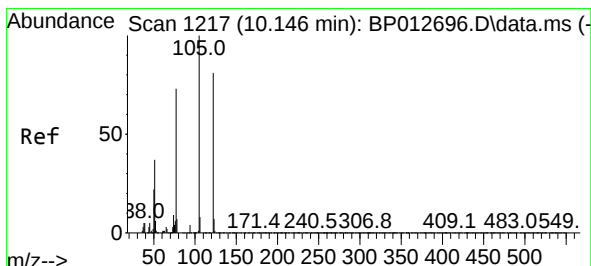
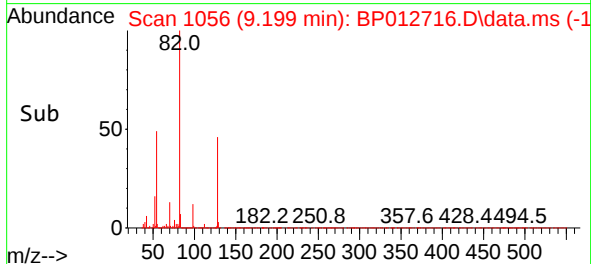
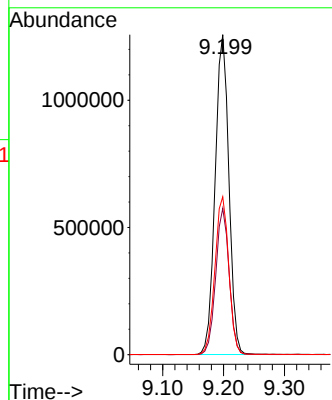
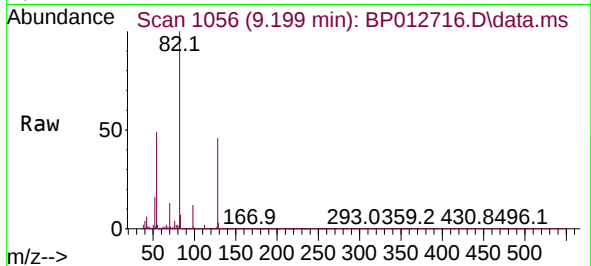
#23
Nitrobenzene-d5
Concen: 83.986 ng
RT: 9.199 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BP012716.D
Acq: 23 Nov 2022 18:23

Instrument :
BNA_P
ClientSampleId :
MH-83.5

Tgt Ion: 82 Resp: 197737
Ion Ratio Lower Upper
82 100
128 45.7 35.6 53.4
54 49.3 40.3 60.5

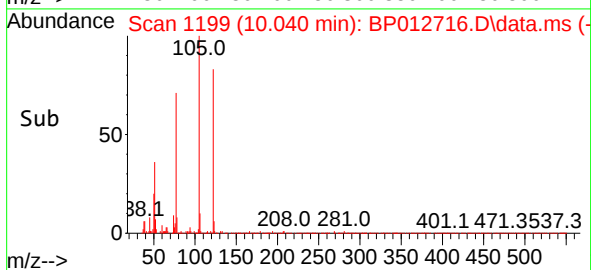
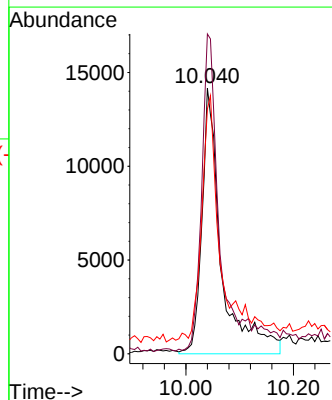
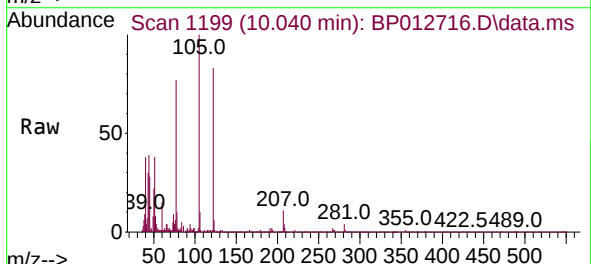
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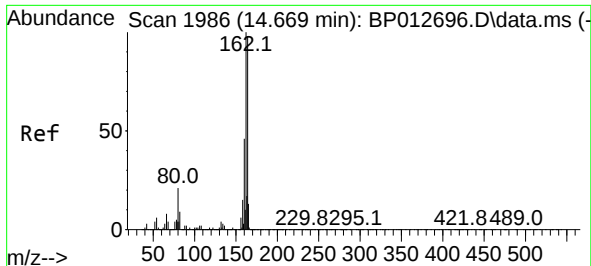
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#32
Benzoic acid
Concen: 7.735 ng m
RT: 10.040 min Scan# 1199
Delta R.T. -0.106 min
Lab File: BP012716.D
Acq: 23 Nov 2022 18:23

Tgt Ion:122 Resp: 35543
Ion Ratio Lower Upper
122 100
105 120.5 98.3 138.3
77 92.2 70.6 110.6





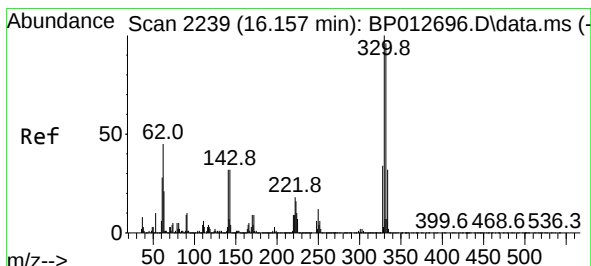
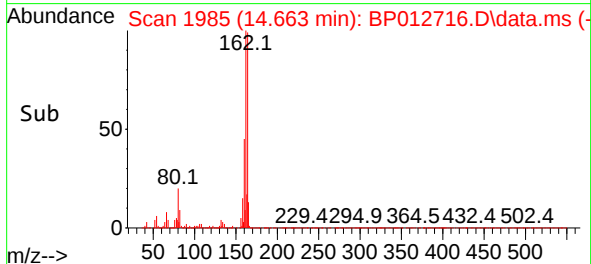
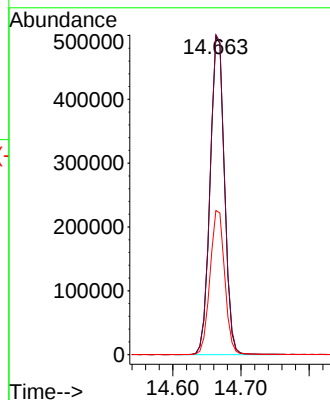
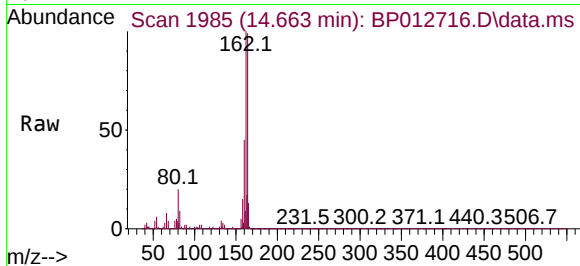
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.663 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BP012716.D
Acq: 23 Nov 2022 18:23

Instrument :
BNA_P
Client Sample Id :
MH-83.5

Tgt Ion:164 Resp: 727317
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 45.3 37.6 56.4

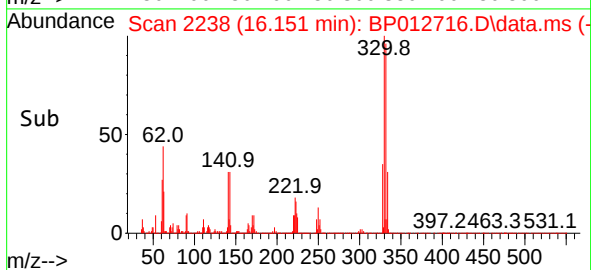
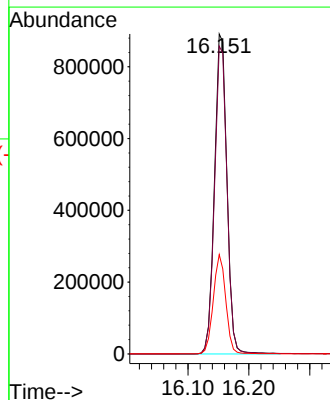
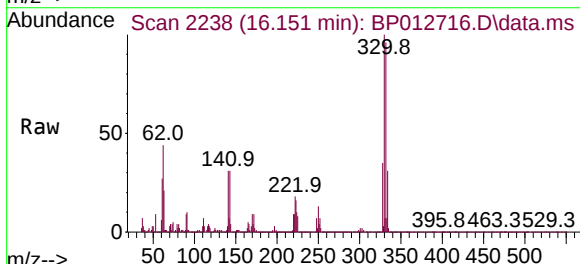
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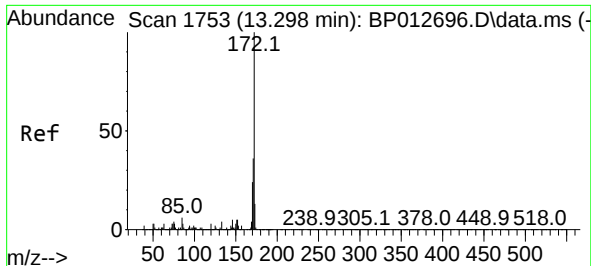
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#42
2,4,6-Tribromophenol
Concen: 134.274 ng
RT: 16.151 min Scan# 2238
Delta R.T. -0.006 min
Lab File: BP012716.D
Acq: 23 Nov 2022 18:23

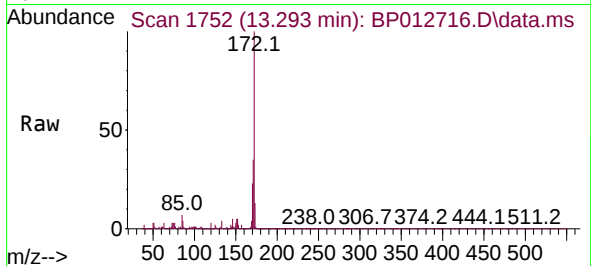
Tgt Ion:330 Resp: 1266190
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 31.1 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 93.468 ng
RT: 13.293 min Scan# 1752
Delta R.T. -0.005 min
Lab File: BP012716.D
Acq: 23 Nov 2022 18:23

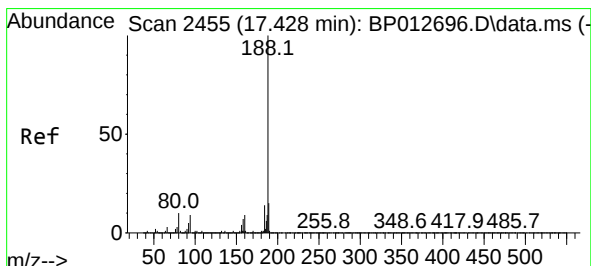
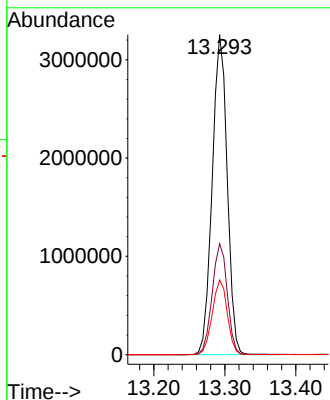
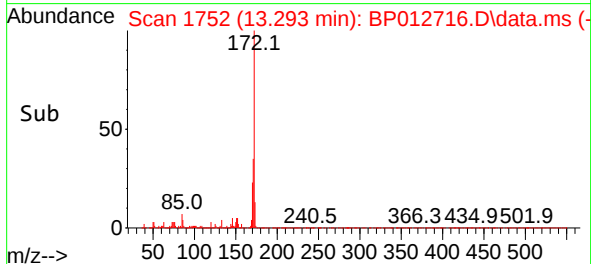
Instrument :
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ClientSampleId :
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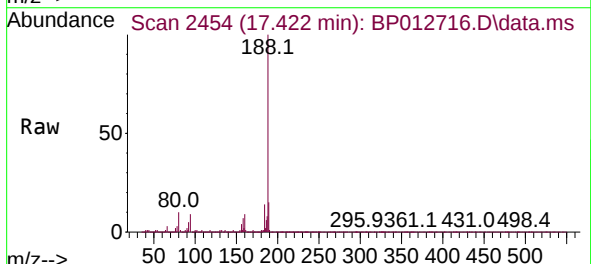
Tgt Ion:172 Resp: 4771749
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 23.3 19.1 28.7

Manual Integrations
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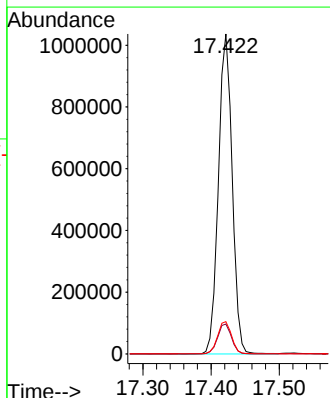
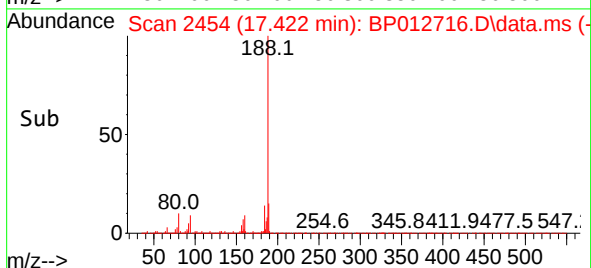
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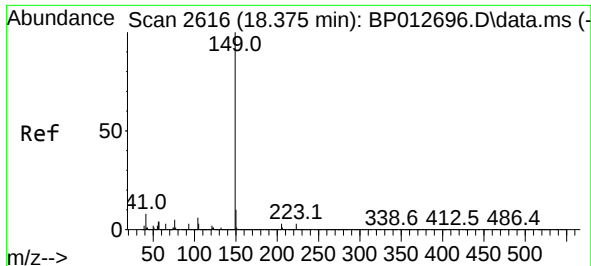


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.422 min Scan# 2454
Delta R.T. -0.006 min
Lab File: BP012716.D
Acq: 23 Nov 2022 18:23



Tgt Ion:188 Resp: 1444857
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.1 7.8 11.6





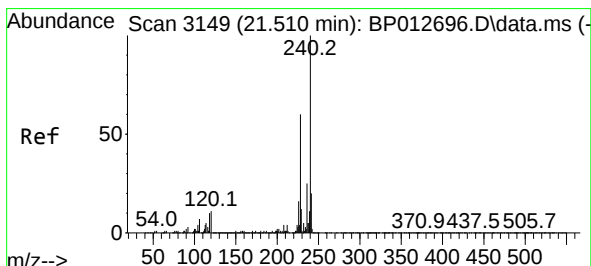
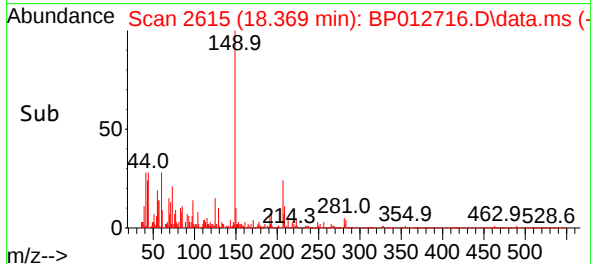
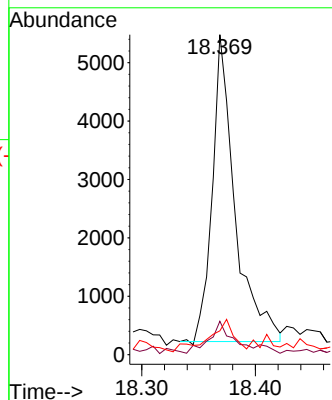
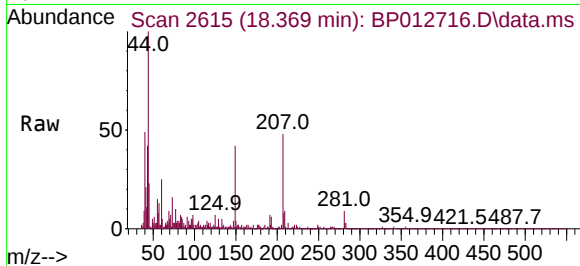
#74
Di-n-butylphthalate
Concen: 5.787 ng
RT: 18.369 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BP012716.D
Acq: 23 Nov 2022 18:23

Instrument : BNA_P
ClientSampleId : MH-83.5

Tgt Ion:149 Resp: 7313
Ion Ratio Lower Upper
149 100
150 10.5 7.7 11.5
104 7.4 4.6 6.8

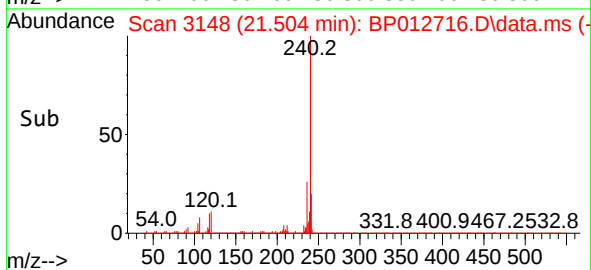
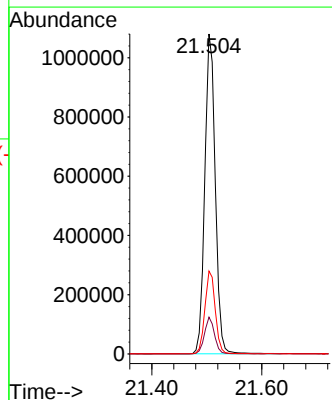
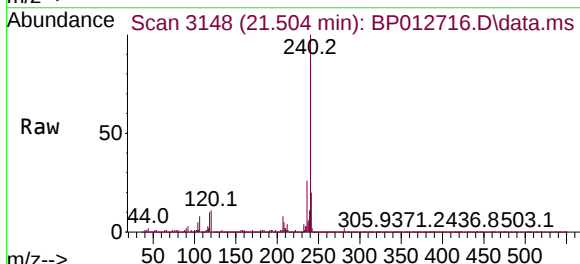
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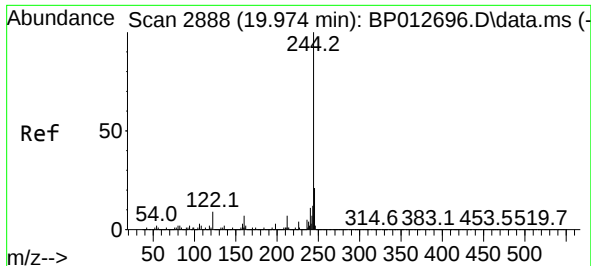
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BP012716.D
Acq: 23 Nov 2022 18:23

Tgt Ion:240 Resp: 1428997
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 25.9 20.4 30.6





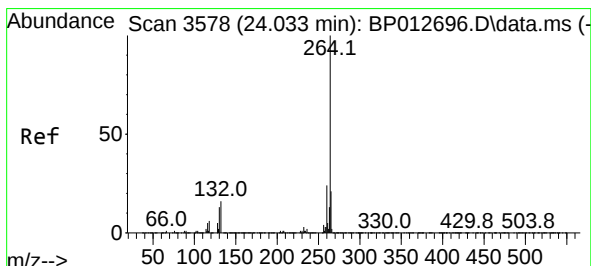
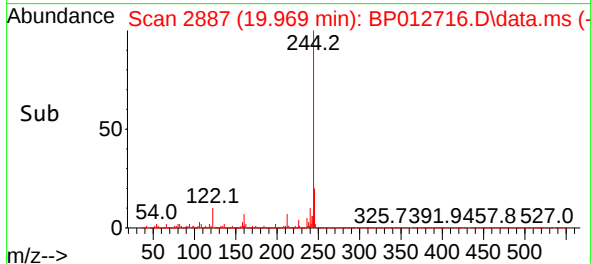
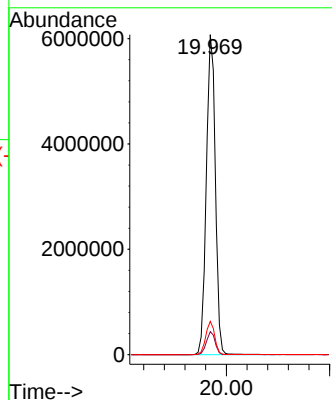
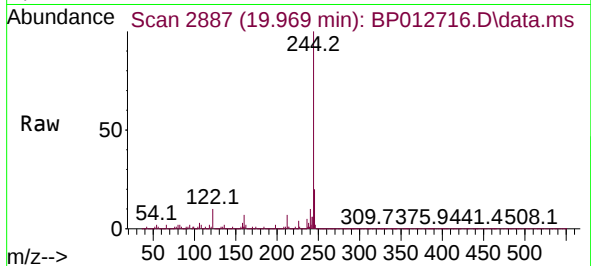
#79
Terphenyl-d14
Concen: 109.297 ng
RT: 19.969 min Scan# 2888
Delta R.T. -0.006 min
Lab File: BP012716.D
Acq: 23 Nov 2022 18:23

Instrument :
BNA_P
ClientSampleId :
MH-83.5

Tgt Ion:244 Resp: 7348616
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.4 6.9 10.3

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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.027 min Scan# 3577
Delta R.T. -0.006 min
Lab File: BP012716.D
Acq: 23 Nov 2022 18:23

Tgt Ion:264 Resp: 1591278
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 21.5 17.1 25.7

