

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
 Data File : BP013630.D
 Acq On : 27 Jan 2023 22:16
 Operator : CG/JU
 Sample : 01221-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-10-0118

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/30/2023
 Supervised By : Jagrut Upadhyay 01/30/2023

Quant Time: Jan 29 23:55:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 03:27:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	190963	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	711597	20.000	ng	0.00
39) Acenaphthene-d10	14.787	164	434425	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	950176	20.000	ng	# 0.00
76) Chrysene-d12	21.627	240	1053888	20.000	ng	0.00
86) Perylene-d12	24.215	264	1226184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1057965	99.278	ng	0.00
7) Phenol-d6	7.299	99	1034783	71.881	ng	0.00
23) Nitrobenzene-d5	9.328	82	935217	72.215	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	791117	119.611	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	2513127	82.622	ng	0.00
79) Terphenyl-d14	20.080	244	4108593	68.795	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.322	94	235839	15.639	ng	96
17) 2-Methylphenol	8.593	107	38604	3.548	ng	96
20) 3+4-Methylphenols	8.922	107	53001	3.554	ng	92
27) 2,4-Dimethylphenol	10.169	122	80186m	7.440	ng	
31) Naphthalene	11.034	128	1943832	53.757	ng	99
36) 4-Chloro-3-methylphenol	12.240	107	178113	13.852	ng	99
38) 1-Methylnaphthalene	12.845	142	214506	8.293	ng	95
84) Bis(2-ethylhexyl)phtha...	21.516	149	18858	4.536	ng	# 83

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

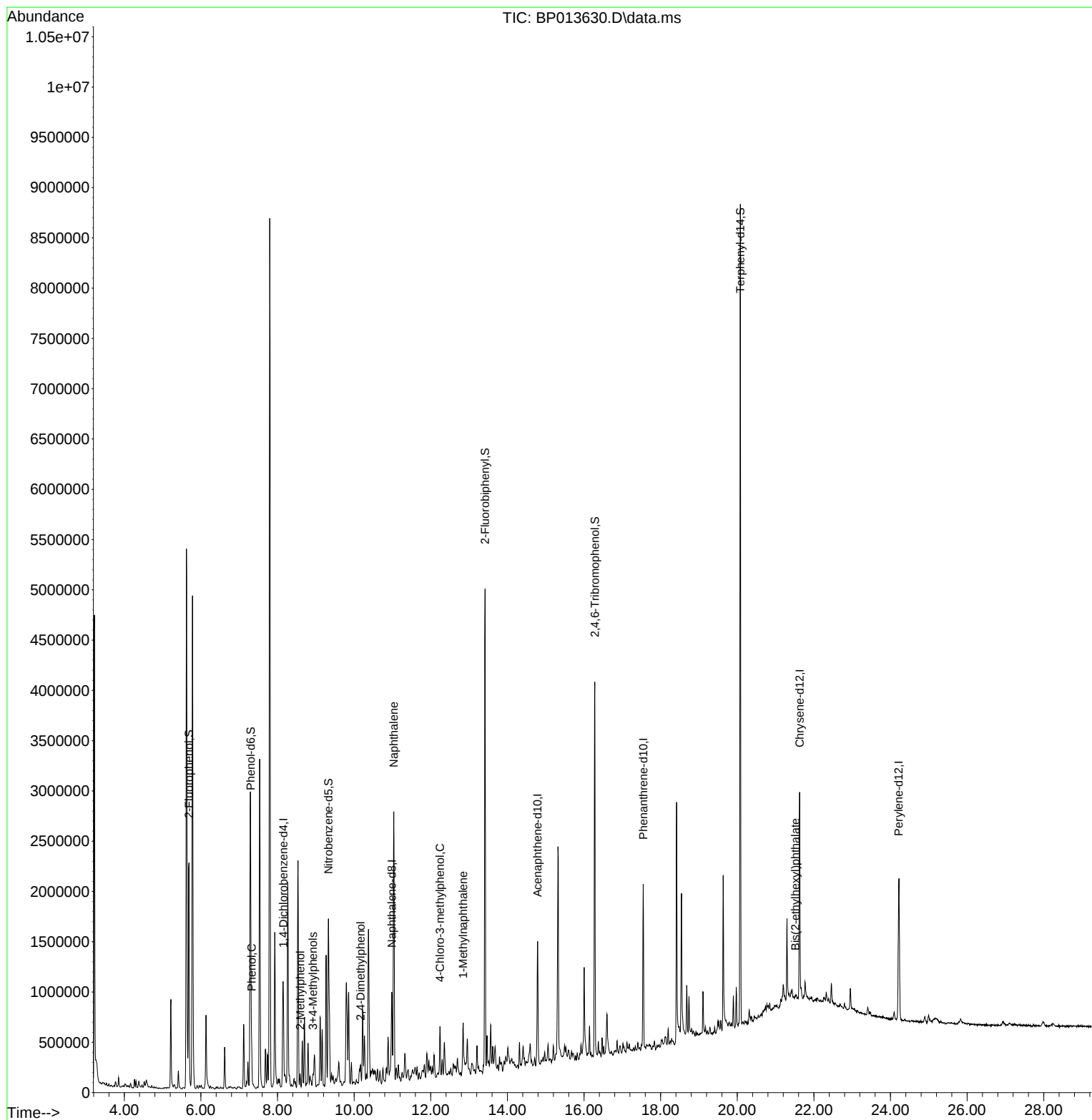
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013630.D
Acq On : 27 Jan 2023 22:16
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Sample : 01221-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

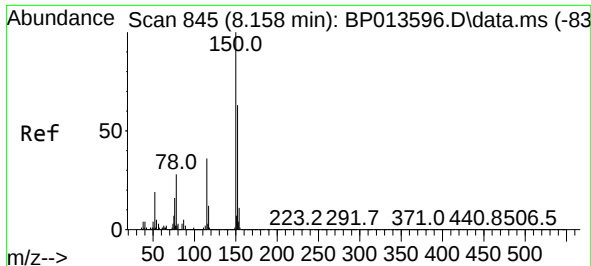
Instrument :
BNA_P
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MW-10-0118

Quant Time: Jan 29 23:55:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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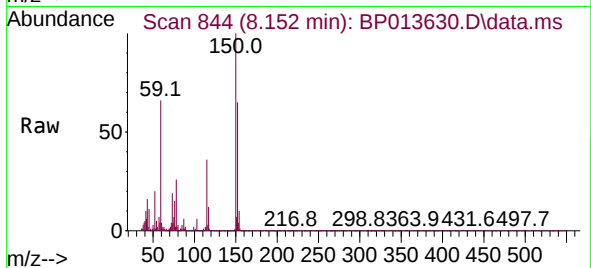
Reviewed By : Christian Giraldo 01/30/2023
Supervised By : Jagrut Upadhyay 01/30/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 845
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

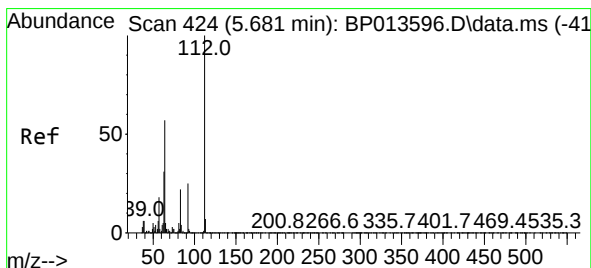
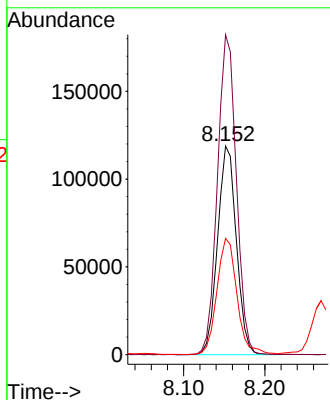
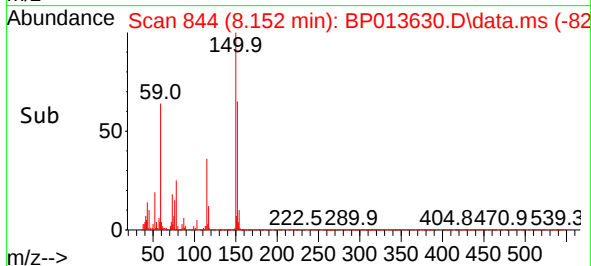
Instrument :
BNA_P
ClientSampleId :
MW-10-0118



Tgt Ion:152 Resp: 190963
Ion Ratio Lower Upper
152 100
150 153.3 126.2 189.2
115 55.7 45.1 67.7

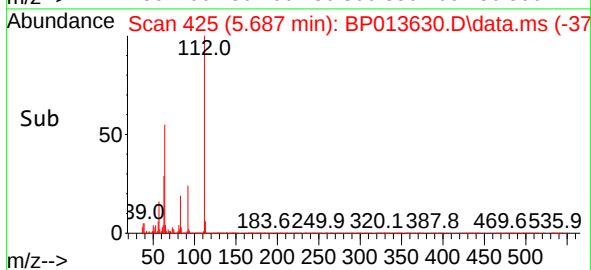
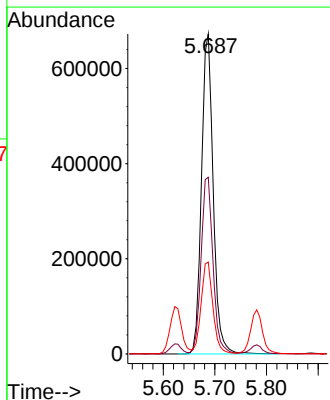
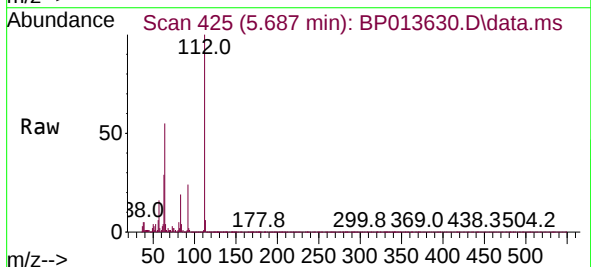
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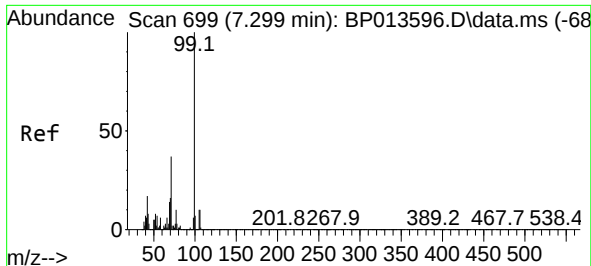
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#5
2-Fluorophenol
Concen: 99.278 ng
RT: 5.687 min Scan# 425
Delta R.T. 0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

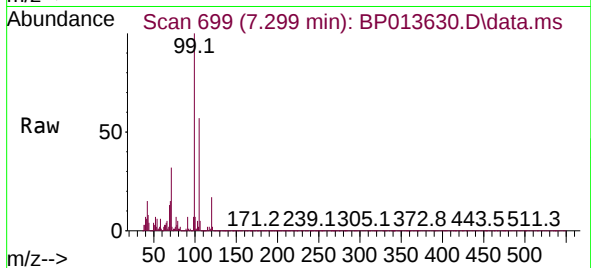
Tgt Ion:112 Resp: 1057965
Ion Ratio Lower Upper
112 100
64 55.2 45.5 68.3
63 28.7 25.1 37.7





#7
Phenol-d6
Concen: 71.881 ng
RT: 7.299 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

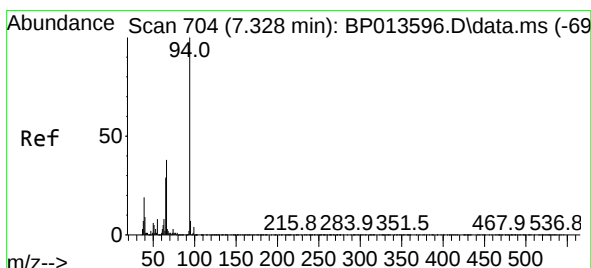
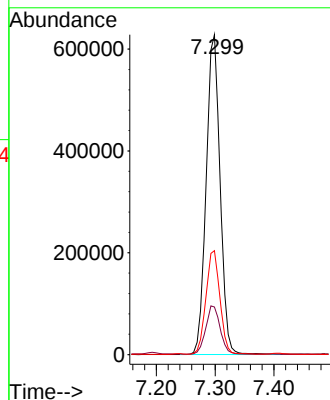
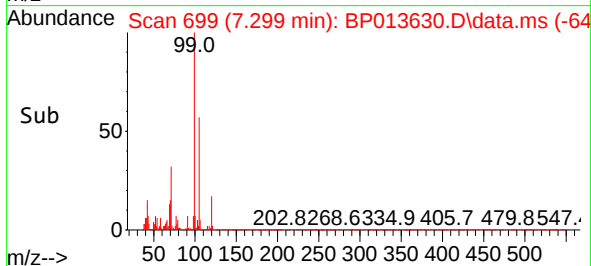
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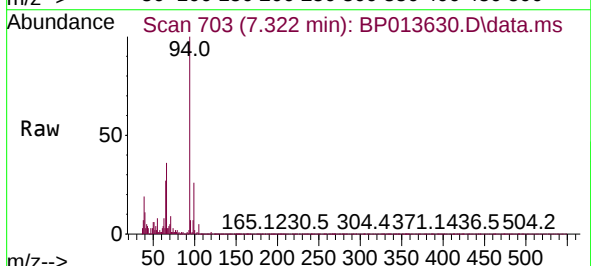
Tgt Ion: 99 Resp: 1034783
Ion Ratio Lower Upper
99 100
42 14.9 13.4 20.2
71 32.5 29.9 44.9

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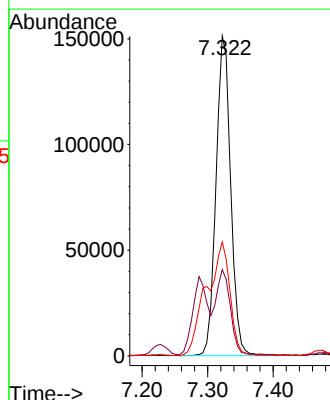
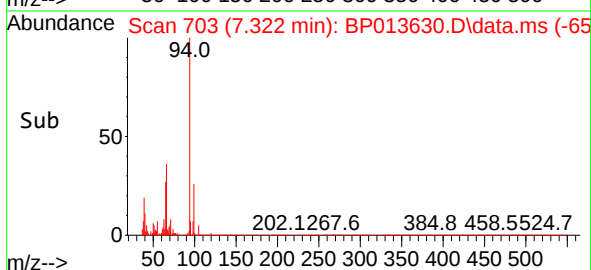
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

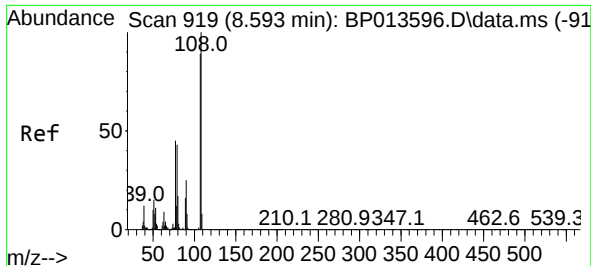


#10
Phenol
Concen: 15.639 ng
RT: 7.322 min Scan# 703
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16



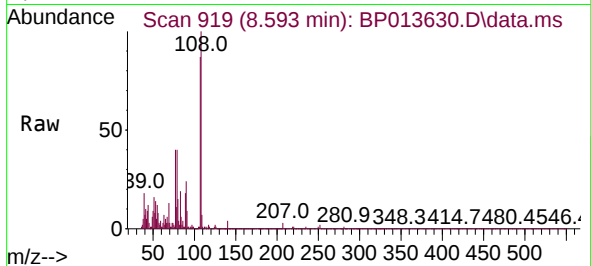
Tgt Ion: 94 Resp: 235839
Ion Ratio Lower Upper
94 100
65 27.0 8.7 48.7
66 35.6 18.4 58.4





#17
2-Methylphenol
Concen: 3.548 ng
RT: 8.593 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

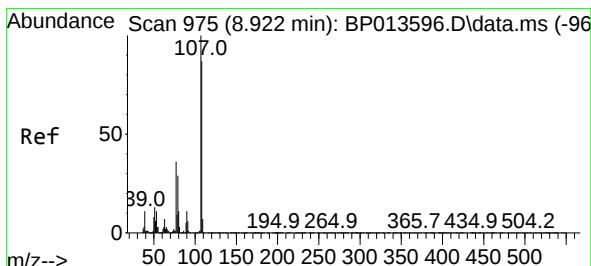
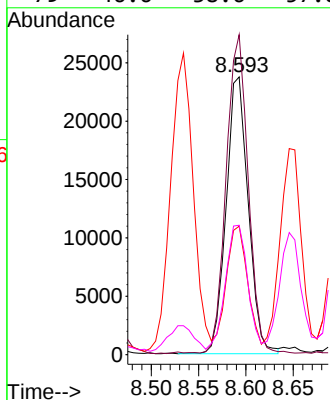
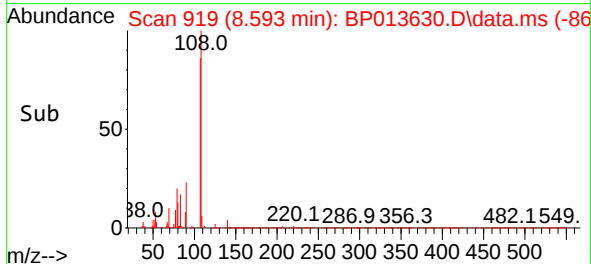
Instrument :
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ClientSampleId :
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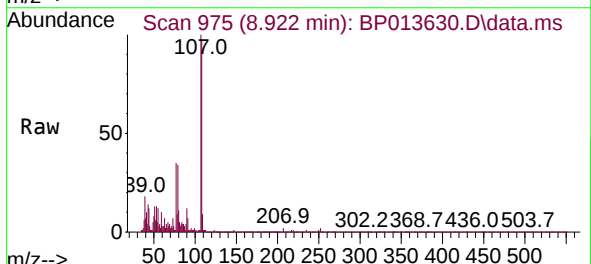
Tgt Ion:107 Resp: 38604
Ion Ratio Lower Upper
107 100
108 115.3 89.6 134.4
77 46.3 40.4 60.6
79 46.6 38.6 57.8

Manual Integrations
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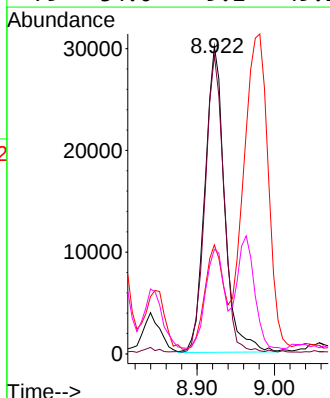
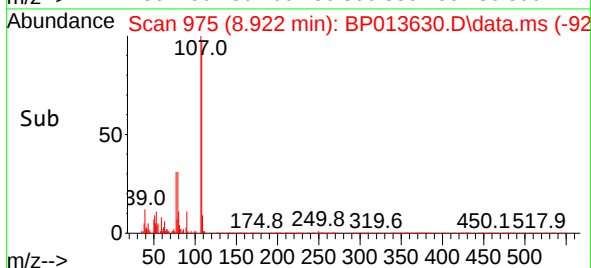
Reviewed By :Christian Giraldo 01/30/2023
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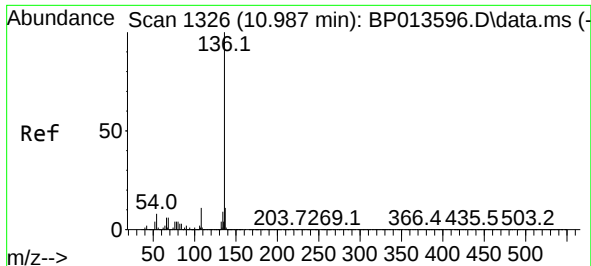


#20
3+4-Methylphenols
Concen: 3.554 ng
RT: 8.922 min Scan# 975
Delta R.T. -0.000 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16



Tgt Ion:107 Resp: 53001
Ion Ratio Lower Upper
107 100
108 97.1 67.4 107.4
77 35.4 15.9 55.9
79 34.0 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

Instrument :

BNA_P

ClientSampleId :

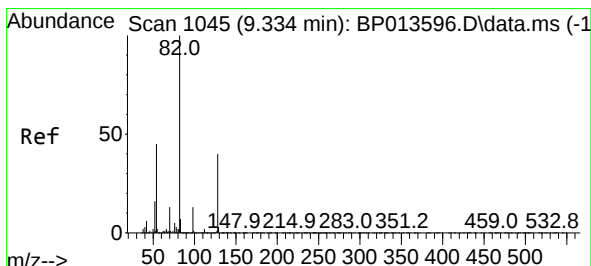
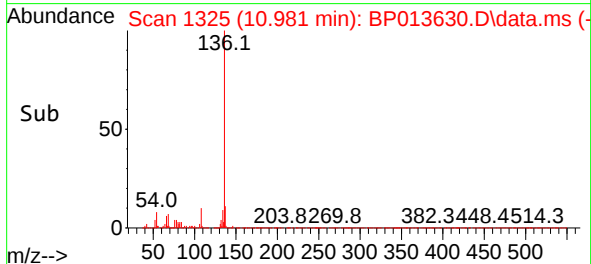
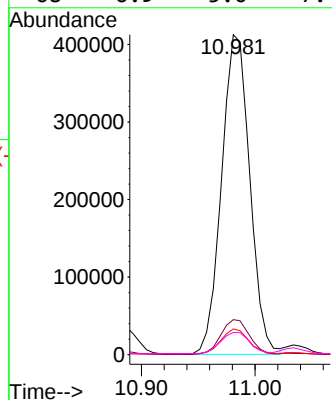
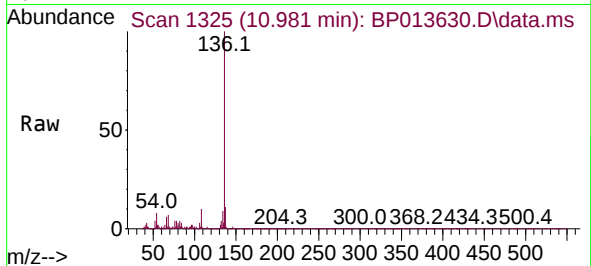
MW-10-0118

Tgt Ion:	136	Resp:	71159
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	8.0	6.1	9.1
68	6.9	5.0	7.4

Manual Integrations

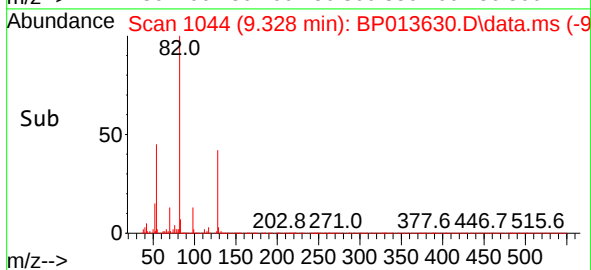
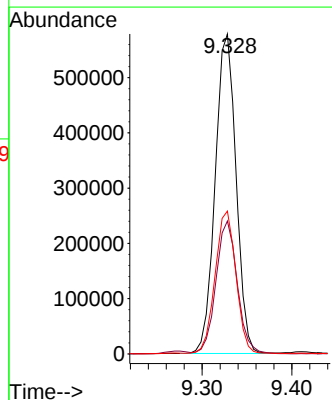
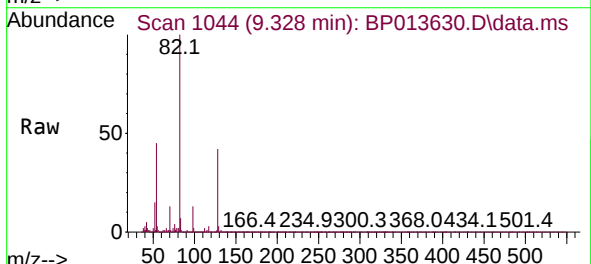
APPROVED

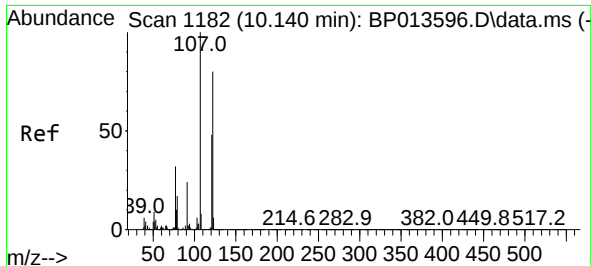
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#23
Nitrobenzene-d5
Concen: 72.215 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

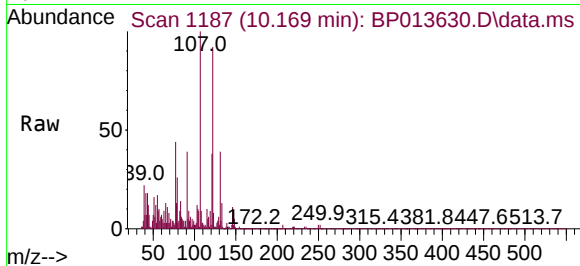
Tgt Ion:	82	Resp:	935217
Ion Ratio	Lower	Upper	
82	100		
128	41.6	31.8	47.8
54	44.6	36.2	54.2





#27
2,4-Dimethylphenol
Concen: 7.440 ng m
RT: 10.169 min Scan# 1182
Delta R.T. 0.029 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

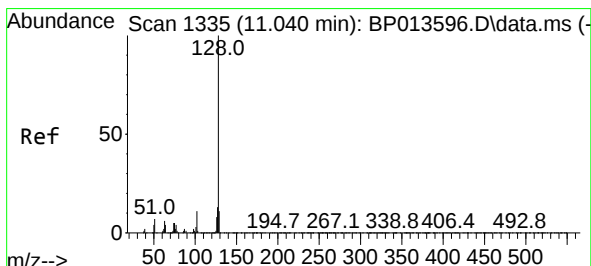
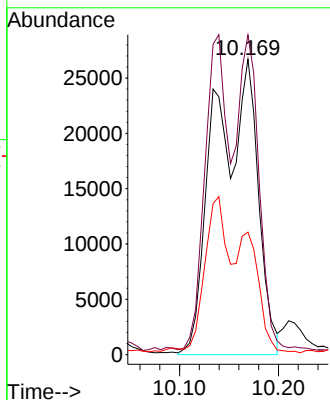
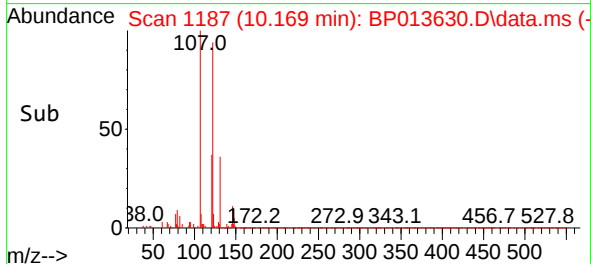
Instrument :
BNA_P
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MW-10-0118



Tgt Ion:122 Resp: 80186
Ion Ratio Lower Upper
122 100
107 108.3 99.2 148.8
121 41.5 48.0 72.0

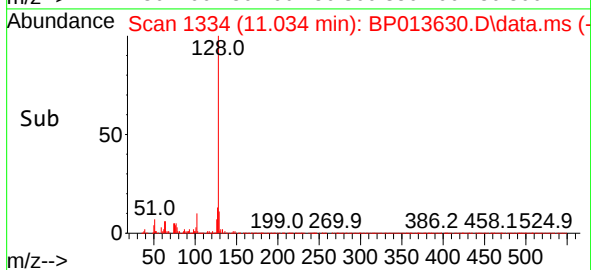
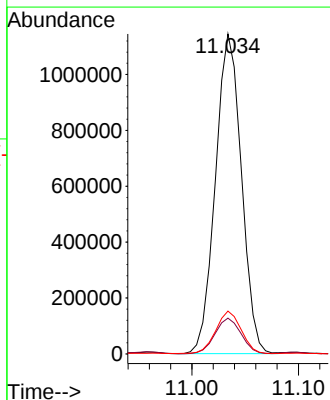
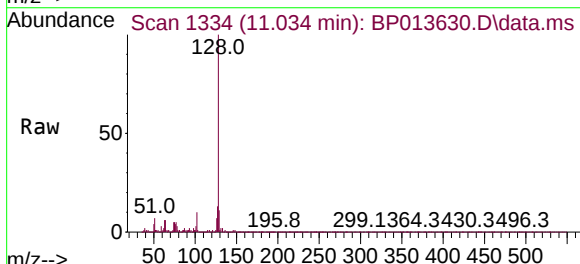
Manual Integrations
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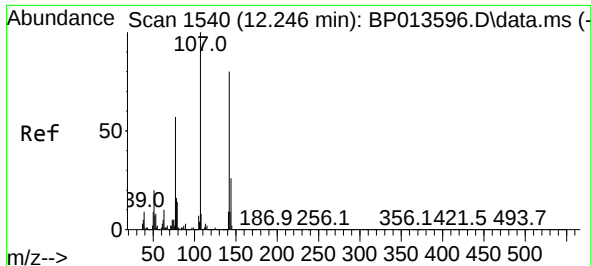
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#31
Naphthalene
Concen: 53.757 ng
RT: 11.034 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

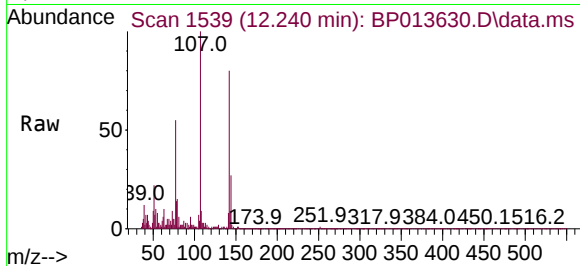
Tgt Ion:128 Resp: 1943832
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.4 15.6





#36
4-Chloro-3-methylphenol
Concen: 13.852 ng
RT: 12.240 min Scan# 1540
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

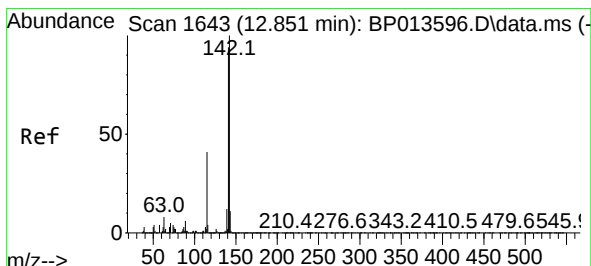
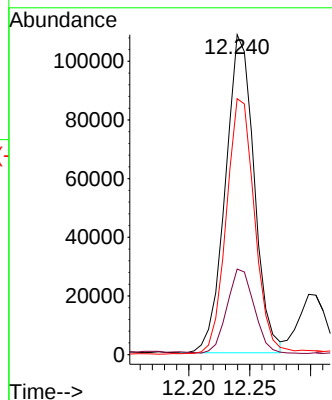
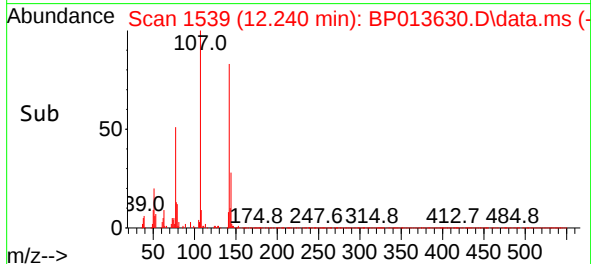
Instrument :
BNA_P
ClientSampleId :
MW-10-0118



Tgt Ion:107 Resp: 178113
Ion Ratio Lower Upper
107 100
144 26.7 20.9 31.3
142 80.0 64.2 96.4

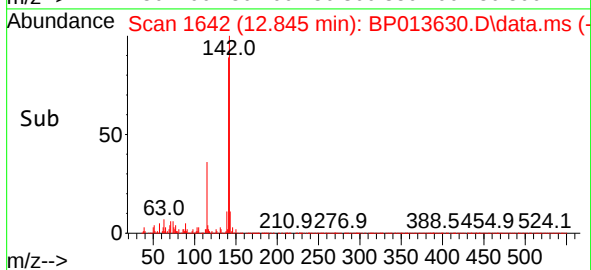
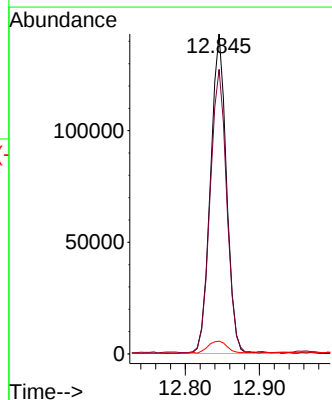
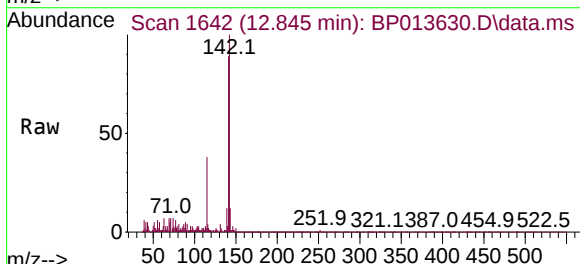
Manual Integrations
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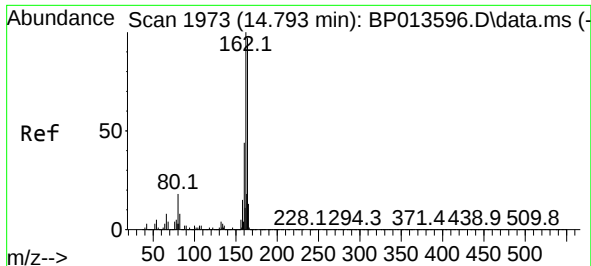
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#38
1-Methylnaphthalene
Concen: 8.293 ng
RT: 12.845 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

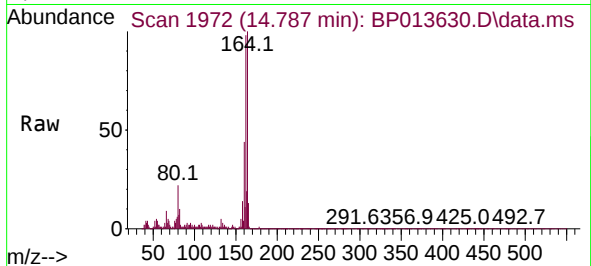
Tgt Ion:142 Resp: 214506
Ion Ratio Lower Upper
142 100
141 89.0 75.5 113.3
116 4.0 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.787 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

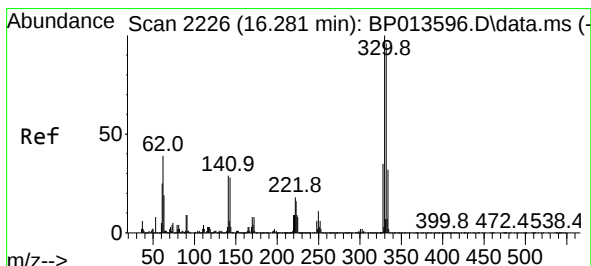
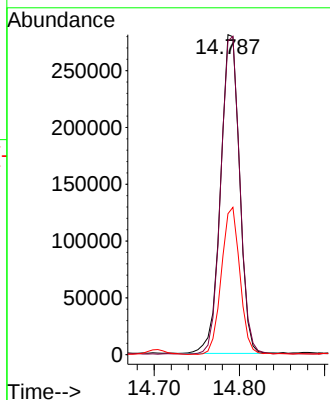
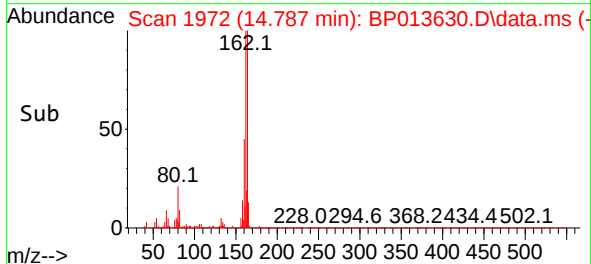
Instrument :
BNA_P
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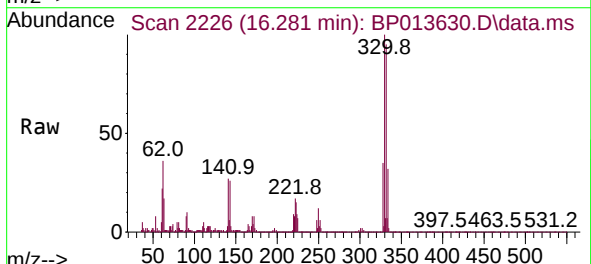
Tgt Ion:164 Resp: 434425
Ion Ratio Lower Upper
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162 98.0 82.3 123.5
160 44.0 36.6 54.8

Manual Integrations
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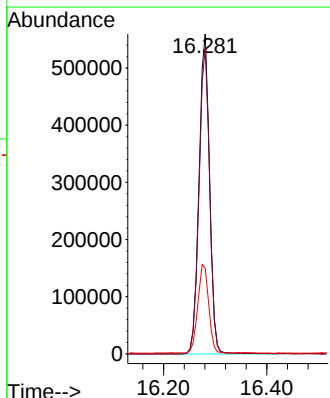
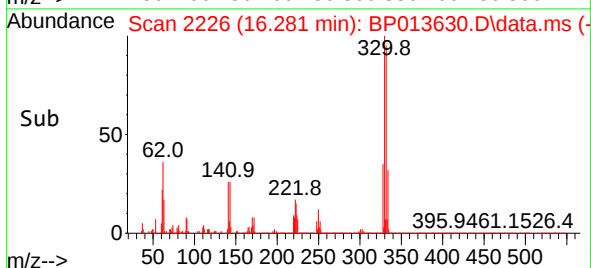
Reviewed By :Christian Giraldo 01/30/2023
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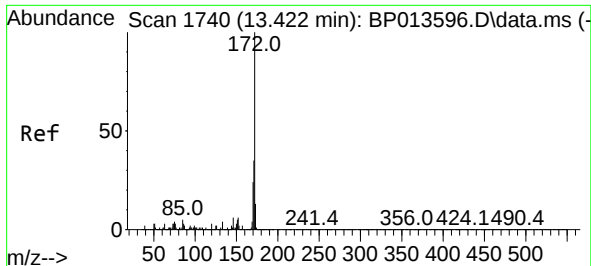


#42
2,4,6-Tribromophenol
Concen: 119.611 ng
RT: 16.281 min Scan# 2226
Delta R.T. -0.000 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16



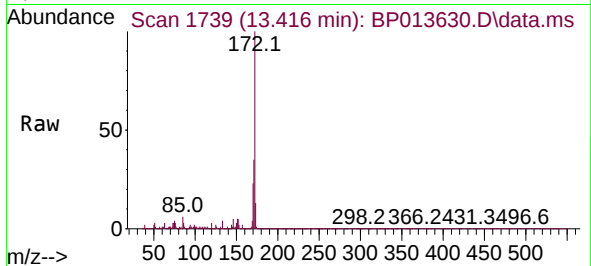
Tgt Ion:330 Resp: 791117
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 28.4 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 82.622 ng
RT: 13.416 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

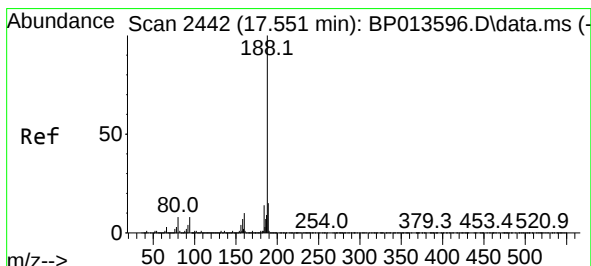
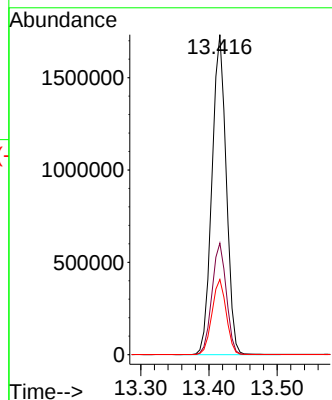
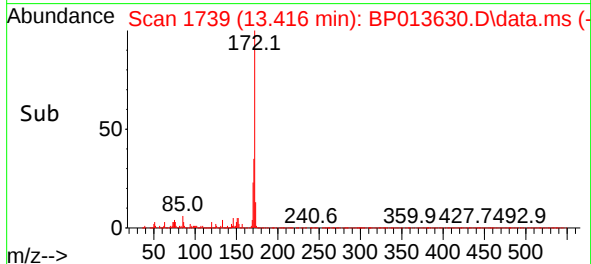
Instrument :
BNA_P
ClientSampleId :
MW-10-0118



Tgt Ion:172 Resp: 251312
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.5 19.1 28.7

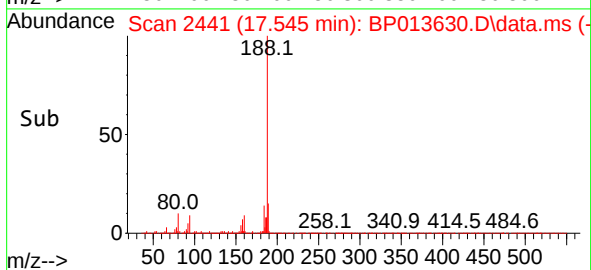
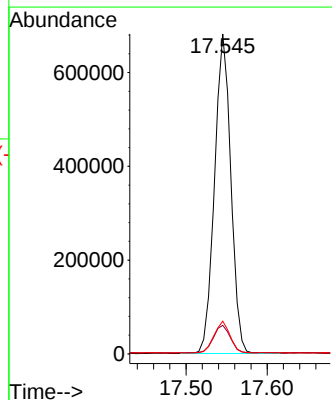
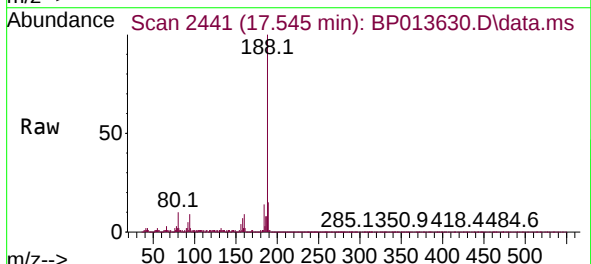
Manual Integrations
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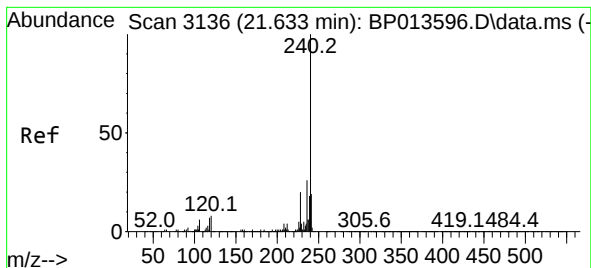
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

Tgt Ion:188 Resp: 950176
Ion Ratio Lower Upper
188 100
94 8.9 6.1 9.1
80 10.2 6.6 10.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013630.D

Acq: 27 Jan 2023 22:16

Instrument :

BNA_P

ClientSampleId :

MW-10-0118

Tgt Ion:240 Resp: 105388

Ion Ratio Lower Upper

240 100

120 9.2 6.7 10.1

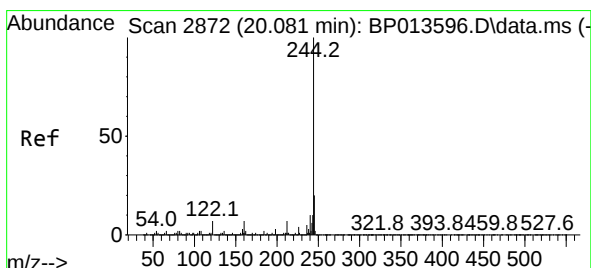
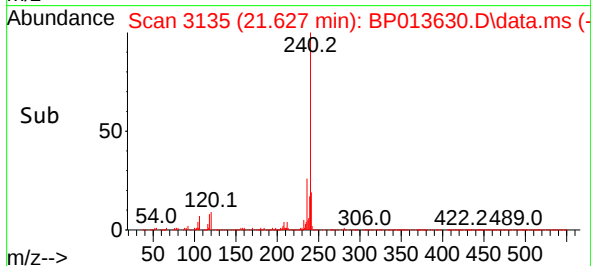
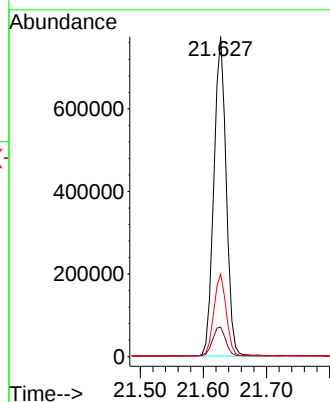
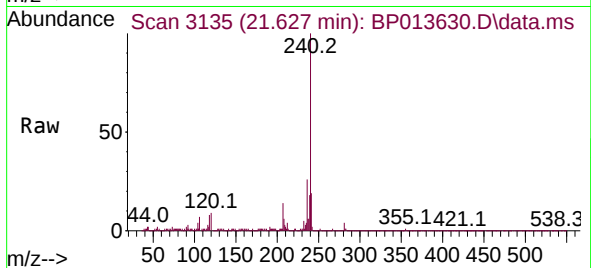
236 25.8 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#79

Terphenyl-d14

Concen: 68.795 ng

RT: 20.080 min Scan# 2872

Delta R.T. -0.000 min

Lab File: BP013630.D

Acq: 27 Jan 2023 22:16

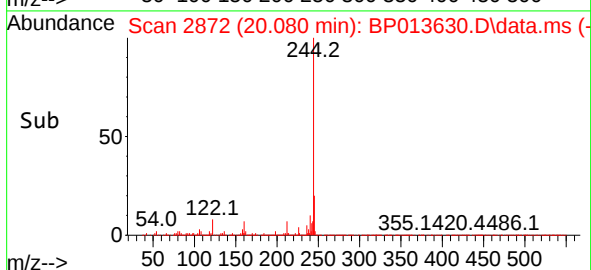
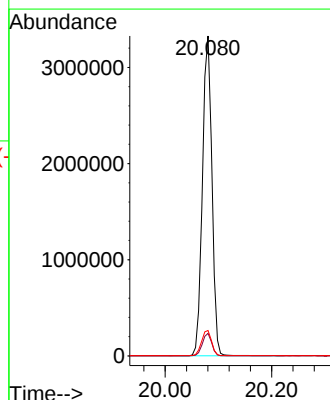
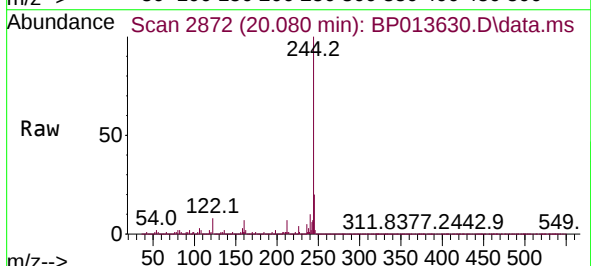
Tgt Ion:244 Resp: 4108593

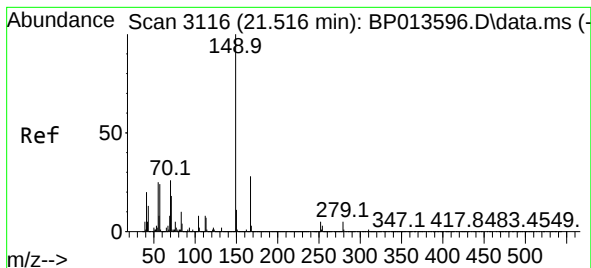
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 7.9 5.3 7.9#





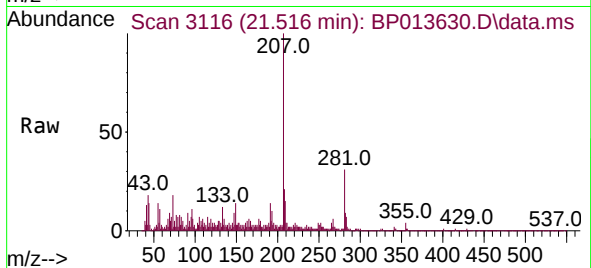
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.536 ng
RT: 21.516 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

Instrument :

BNA_P

ClientSampleId :

MW-10-0118

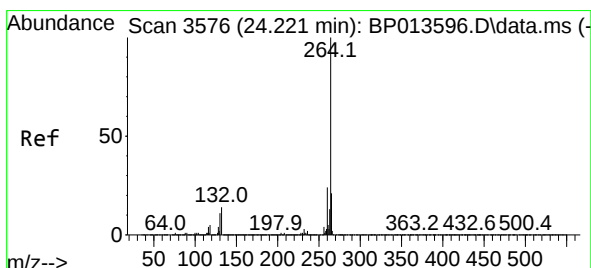
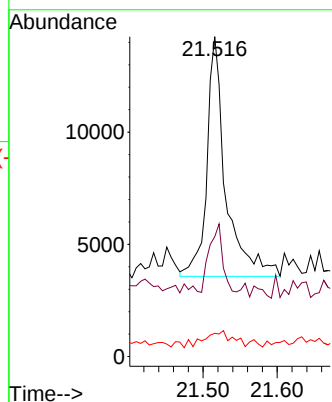
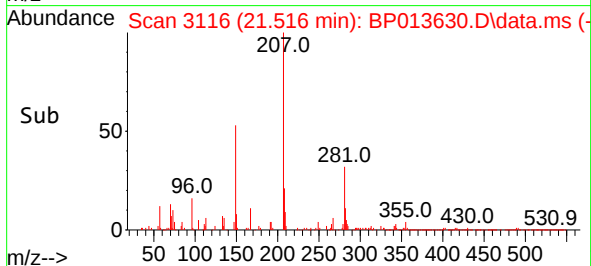


Tgt Ion:149 Resp: 18858
Ion Ratio Lower Upper
149 100
167 37.5 22.2 33.4
279 7.3 3.8 5.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.215 min Scan# 3575
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

Tgt Ion:264 Resp: 1226184
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.8 17.4 26.0

