

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014318.D
 Acq On : 27 Mar 2023 18:24
 Operator : CG/JU
 Sample : PB151659BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151659BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/28/2023
 Supervised By : Jagrut Upadhyay 03/28/2023

Quant Time: Mar 28 02:10:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 25 03:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	115789	20.000	ng	0.00
21) Naphthalene-d8	10.845	136	421531	20.000	ng	# 0.00
39) Acenaphthene-d10	14.674	164	257897	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	558256	20.000	ng	# 0.00
76) Chrysene-d12	21.515	240	509327	20.000	ng	0.00
86) Perylene-d12	24.033	264	554341	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	804784	112.718	ng	0.00
7) Phenol-d6	7.192	99	1055196	112.566	ng	0.00
23) Nitrobenzene-d5	9.204	82	675479	73.241	ng	0.00
42) 2,4,6-Tribromophenol	16.168	330	405893	97.071	ng	0.00
45) 2-Fluorobiphenyl	13.292	172	1370779	68.863	ng	0.00
79) Terphenyl-d14	19.968	244	1963791	63.578	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	150382	48.483	ng	93
3) Pyridine	3.846	79	381498	44.289	ng	96
4) n-Nitrosodimethylamine	3.757	42	184446	48.240	ng	# 99
6) Aniline	7.357	93	449888	36.536	ng	98
8) 2-Chlorophenol	7.587	128	374013	48.910	ng	91
9) Benzaldehyde	7.163	77	158088m	33.701	ng	
10) Phenol	7.216	94	502739	51.531	ng	100
11) bis(2-Chloroethyl)ether	7.445	93	405249	52.462	ng	97
12) 1,3-Dichlorobenzene	7.910	146	411494	48.969	ng	98
13) 1,4-Dichlorobenzene	8.063	146	415127	48.831	ng	99
14) 1,2-Dichlorobenzene	8.381	146	394570	48.458	ng	97
15) Benzyl Alcohol	8.275	79	370228	48.442	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.563	45	501987m	59.690	ng	
17) 2-Methylphenol	8.475	107	326780	46.965	ng	99
18) Hexachloroethane	9.110	117	157076	49.184	ng	95
19) n-Nitroso-di-n-propyla...	8.839	70	308941	50.071	ng	98
20) 3+4-Methylphenols	8.804	107	432628	46.168	ng	97
22) Acetophenone	8.863	105	576672	48.772	ng	# 98
24) Nitrobenzene	9.245	77	469976	49.803	ng	97
25) Isophorone	9.769	82	816542	48.050	ng	96
26) 2-Nitrophenol	9.957	139	193255	47.082	ng	94
27) 2,4-Dimethylphenol	10.016	122	332287	49.788	ng	98
28) bis(2-Chloroethoxy)met...	10.251	93	490898	49.910	ng	98
29) 2,4-Dichlorophenol	10.504	162	346790	47.468	ng	97
30) 1,2,4-Trichlorobenzene	10.710	180	379215	45.719	ng	100
31) Naphthalene	10.898	128	1100657	47.519	ng	99
32) Benzoic acid	10.175	122	212961	39.038	ng	95
33) 4-Chloroaniline	11.028	127	246898	24.866	ng	95
34) Hexachlorobutadiene	11.175	225	255436	42.358	ng	99
35) Caprolactam	11.822	113	102473	49.001	ng	85
36) 4-Chloro-3-methylphenol	12.139	107	397896	48.834	ng	96
37) 2-Methylnaphthalene	12.504	142	752668	44.046	ng	98
38) 1-Methylnaphthalene	12.722	142	698160	43.830	ng	99
40) 1,2,4,5-Tetrachloroben...	12.869	216	436572	44.411	ng	# 98
41) Hexachlorocyclopentadiene	12.839	237	615603	99.786	ng	99
43) 2,4,6-Trichlorophenol	13.110	196	283603	45.641	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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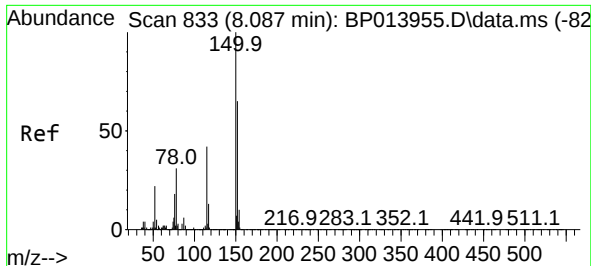
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.192	196	306367	42.549	ng	99
46) 1,1'-Biphenyl	13.504	154	982413	47.325	ng	98
47) 2-Chloronaphthalene	13.551	162	770947	48.244	ng	98
48) 2-Nitroaniline	13.763	65	261087	53.835	ng	95
49) Acenaphthylene	14.398	152	1201075	47.262	ng	100
50) Dimethylphthalate	14.127	163	959889	45.116	ng	100
51) 2,6-Dinitrotoluene	14.257	165	208805	46.603	ng	97
52) Acenaphthene	14.739	154	715271	46.756	ng	99
53) 3-Nitroaniline	14.592	138	192668	43.878	ng	95
54) 2,4-Dinitrophenol	14.798	184	269669	81.129	ng	93
55) Dibenzofuran	15.074	168	1152912	46.228	ng	99
56) 4-Nitrophenol	14.904	139	334521	93.556	ng	93
57) 2,4-Dinitrotoluene	15.045	165	288315	48.139	ng	99
58) Fluorene	15.721	166	925420	46.731	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.298	232	274300	43.668	ng	95
60) Diethylphthalate	15.486	149	959651	45.683	ng	99
61) 4-Chlorophenyl-phenylether	15.710	204	487785	43.451	ng	96
62) 4-Nitroaniline	15.757	138	210847	48.224	ng	91
63) Azobenzene	16.010	77	1022992	52.628	ng	96
65) 4,6-Dinitro-2-methylphthalate	15.810	198	170780	41.301	ng	92
66) n-Nitrosodiphenylamine	15.933	169	792588	44.930	ng	100
67) 4-Bromophenyl-phenylether	16.610	248	303205	41.061	ng	94
68) Hexachlorobenzene	16.727	284	349846	44.200	ng	95
69) Atrazine	16.886	200	291928	47.135	ng	99
70) Pentachlorophenol	17.080	266	438137	76.753	ng	96
71) Phenanthrene	17.474	178	1425397	45.705	ng	99
72) Anthracene	17.568	178	1447976	45.439	ng	99
73) Carbazole	17.839	167	1292759	47.030	ng	99
74) Di-n-butylphthalate	18.368	149	1604371	46.682	ng	99
75) Fluoranthene	19.433	202	1647677	44.201	ng	98
77) Benzidine	19.615	184	889328	92.958	ng	99
78) Pyrene	19.786	202	1712917	43.817	ng	100
80) Butylbenzylphthalate	20.645	149	697503	47.063	ng	97
81) Benzo(a)anthracene	21.498	228	1662139	44.477	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	547236	45.764	ng	98
83) Chrysene	21.556	228	1572175	44.423	ng	99
84) Bis(2-ethylhexyl)phthalate	21.398	149	1005278	46.236	ng	98
85) Di-n-octyl phthalate	22.356	149	1688712	47.847	ng	97
87) Indeno(1,2,3-cd)pyrene	26.680	276	2003250	46.770	ng	98
88) Benzo(b)fluoranthene	23.262	252	1696055	46.725	ng	99
89) Benzo(k)fluoranthene	23.309	252	1625795	45.175	ng	# 99
90) Benzo(a)pyrene	23.921	252	1450801	41.903	ng	99
91) Dibenzo(a,h)anthracene	26.697	278	1674324	47.020	ng	98
92) Benzo(g,h,i)perylene	27.497	276	1623126	45.995	ng	99

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

Manual Integrations

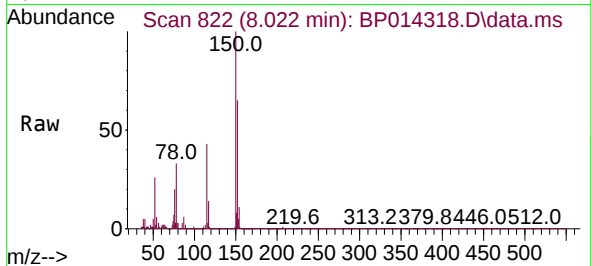
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

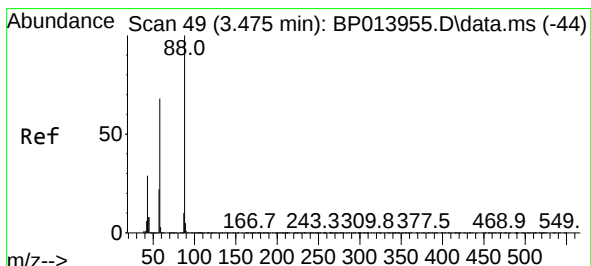
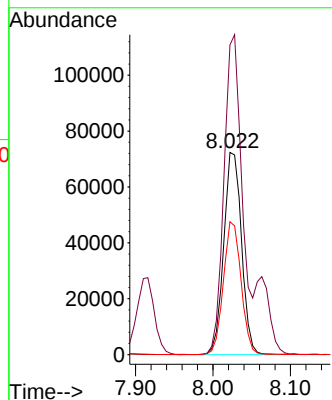
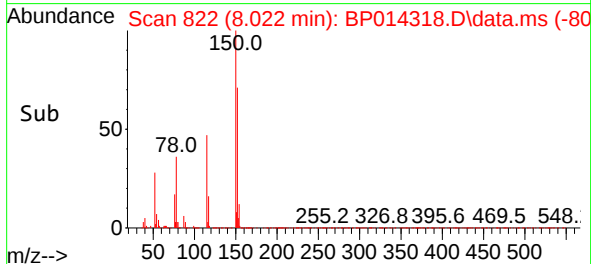
Instrument :
BNA_P
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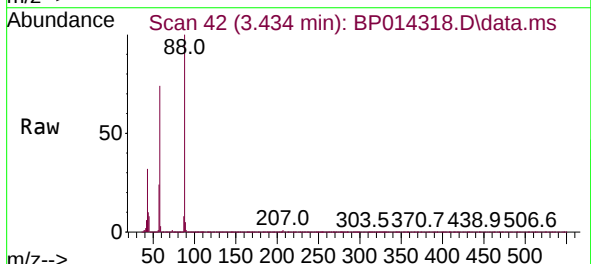
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Ion Ratio Lower Upper
152 100
150 153.2 122.3 183.5
115 65.7 51.6 77.4

Manual Integrations
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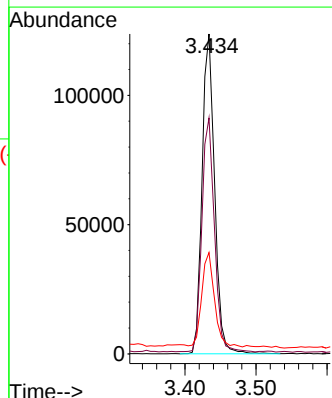
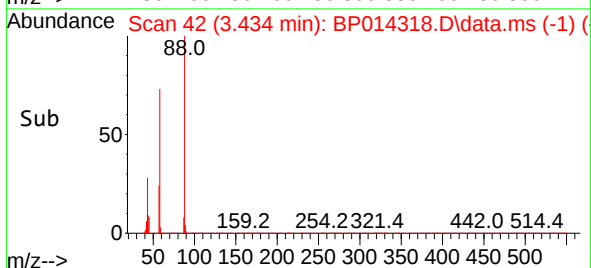
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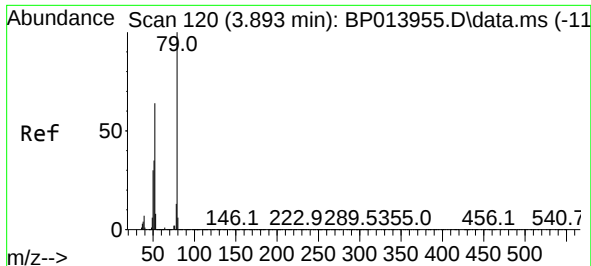


#2
1,4-Dioxane
Concen: 48.483 ng
RT: 3.434 min Scan# 42
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24



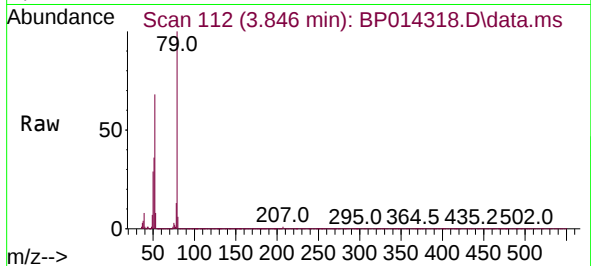
Tgt Ion: 88 Resp: 150382
Ion Ratio Lower Upper
88 100
58 73.5 53.8 80.8
43 30.0 22.1 33.1





#3
Pyridine
Concen: 44.289 ng
RT: 3.846 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

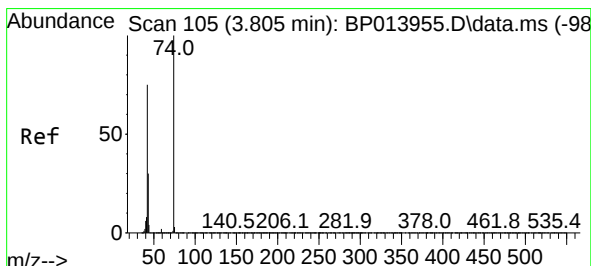
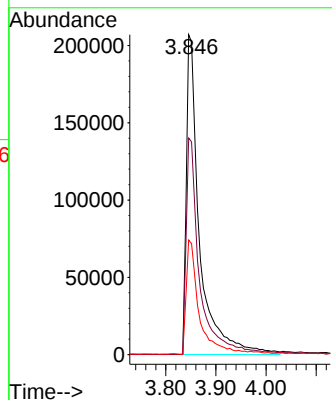
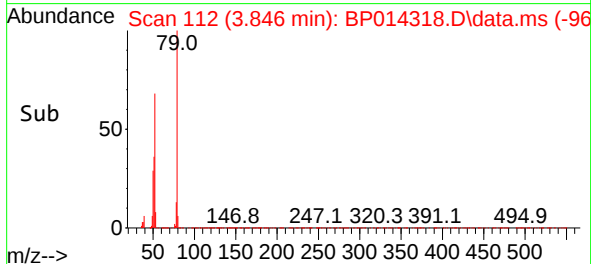
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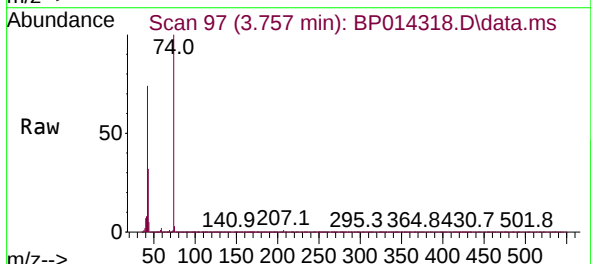
Tgt Ion: 79 Resp: 381498
Ion Ratio Lower Upper
79 100
52 67.7 51.0 76.4
51 35.8 28.2 42.2

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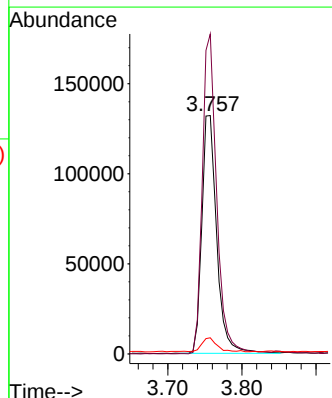
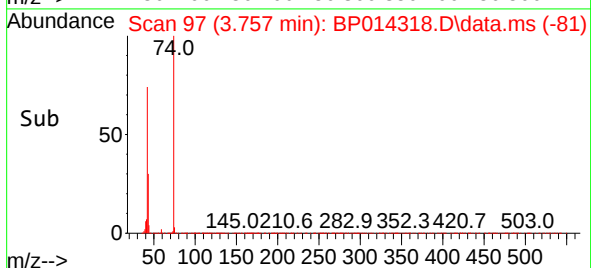
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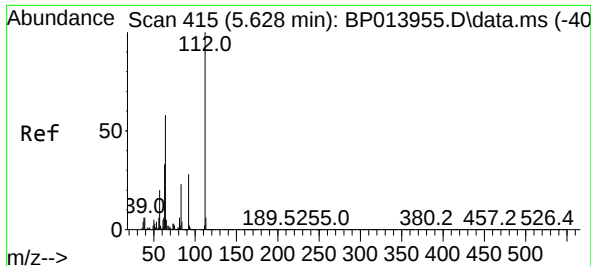


#4
n-Nitrosodimethylamine
Concen: 48.240 ng
RT: 3.757 min Scan# 97
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24



Tgt Ion: 42 Resp: 184446
Ion Ratio Lower Upper
42 100
74 134.3 107.0 160.6
44 6.8 4.5 6.7





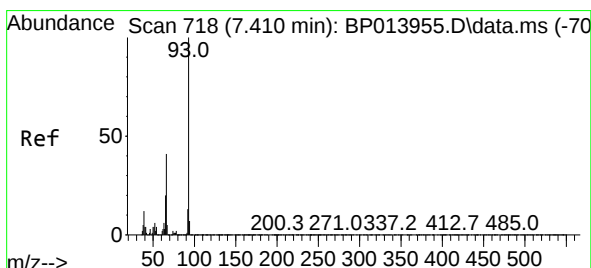
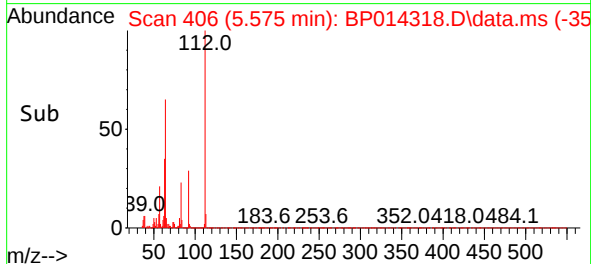
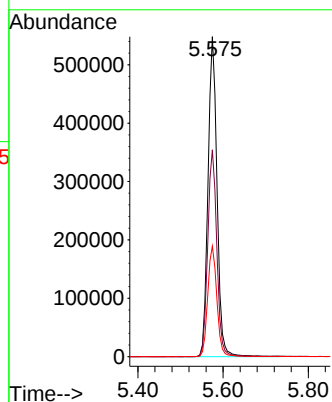
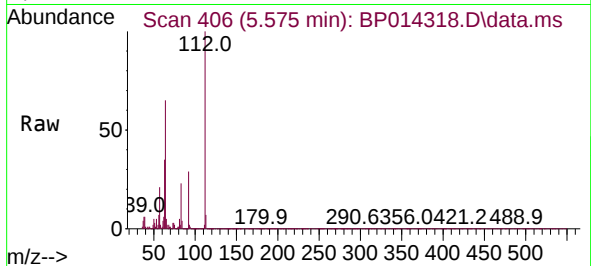
#5
2-Fluorophenol
Concen: 112.718 ng
RT: 5.575 min Scan# 40
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Instrument :
BNA_P
ClientSampleId :
PB151659BSD

Tgt Ion:112 Resp: 804784
Ion Ratio Lower Upper
112 100
64 64.6 46.7 70.1
63 34.5 26.6 40.0

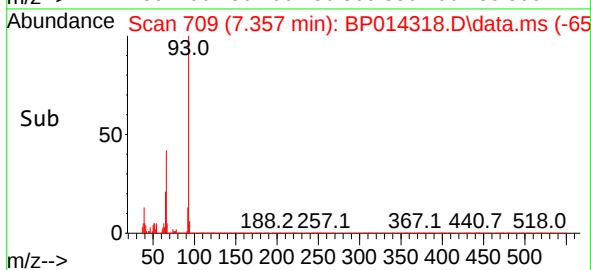
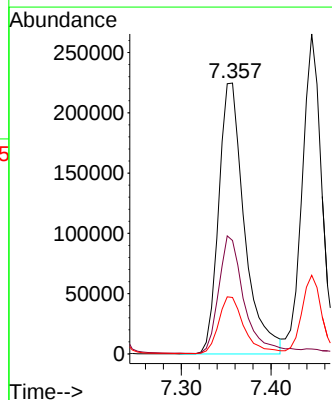
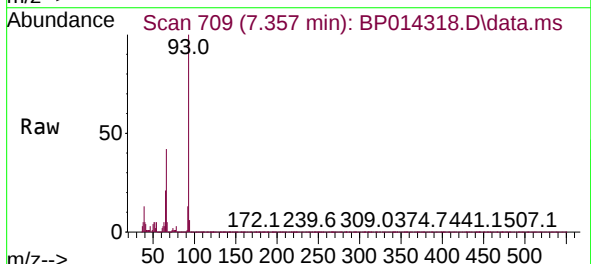
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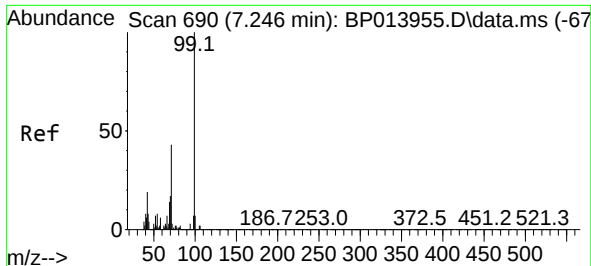
Reviewed By :Christian Giraldo 03/28/2023
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#6
Aniline
Concen: 36.536 ng
RT: 7.357 min Scan# 709
Delta R.T. -0.000 min
Lab File: BP014318.D
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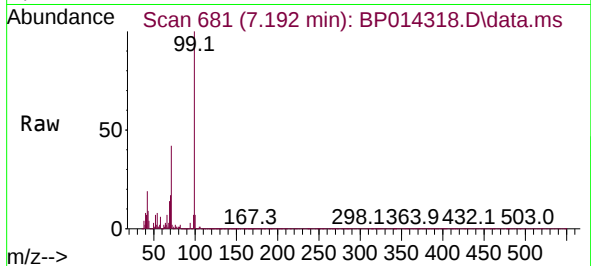
Tgt Ion: 93 Resp: 449888
Ion Ratio Lower Upper
93 100
66 41.9 32.6 48.8
65 20.8 16.0 24.0





#7
Phenol-d6
Concen: 112.566 ng
RT: 7.192 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

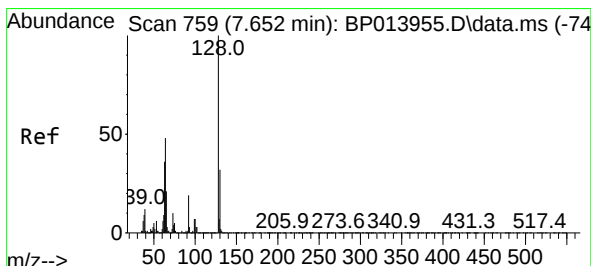
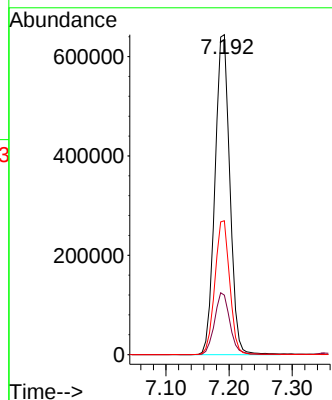
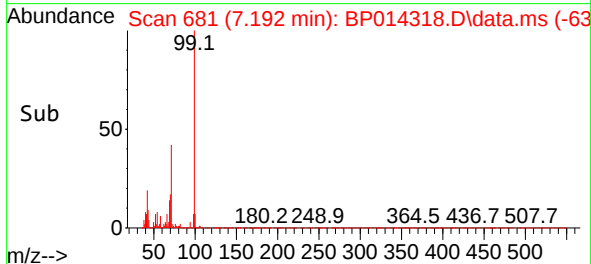
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Tgt Ion: 99 Resp: 1055196
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.6
71 41.8 34.3 51.5

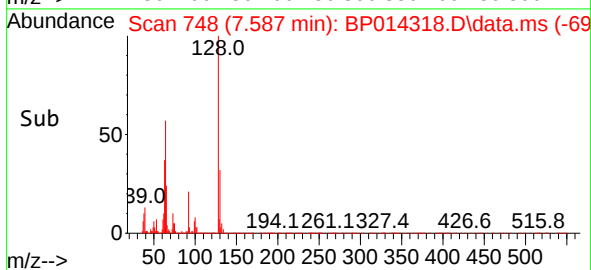
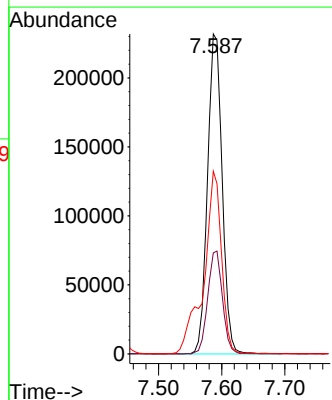
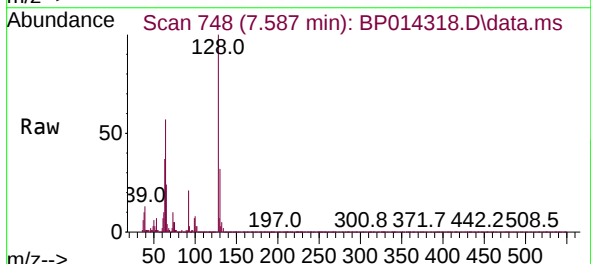
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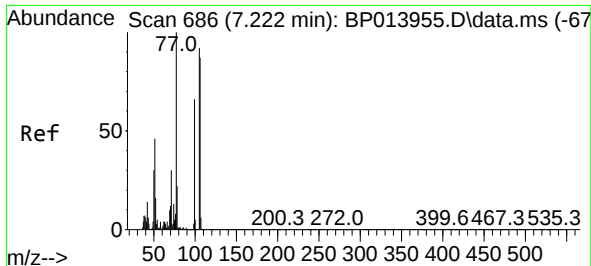
Reviewed By :Christian Giraldo 03/28/2023
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#8
2-Chlorophenol
Concen: 48.910 ng
RT: 7.587 min Scan# 748
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:128 Resp: 374013
Ion Ratio Lower Upper
128 100
130 31.6 12.3 52.3
64 57.1 27.6 67.6





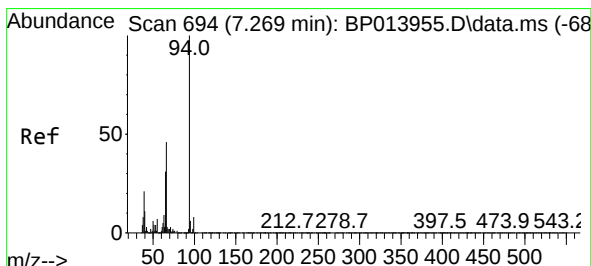
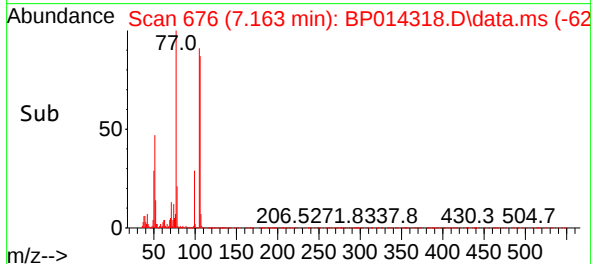
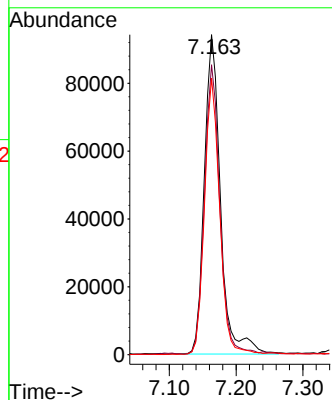
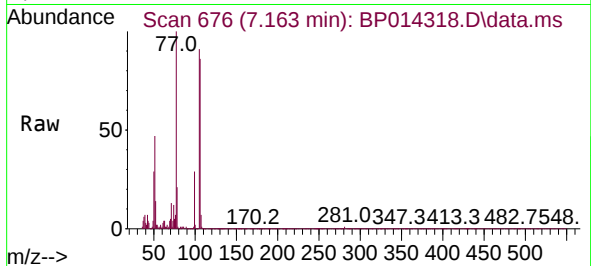
#9
Benzaldehyde
Concen: 33.701 ng m
RT: 7.163 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014318.D
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Instrument :
BNA_P
ClientSampleId :
PB151659BSD

Tgt Ion: 77 Resp: 158088
Ion Ratio Lower Upper
77 100
105 90.6 72.4 112.4
106 86.4 66.9 106.9

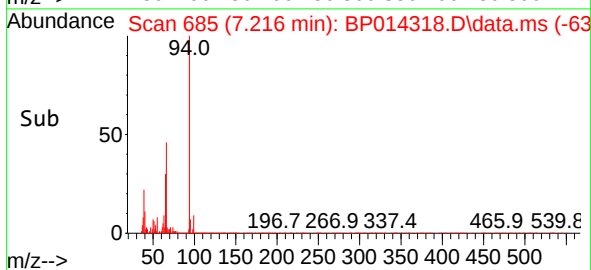
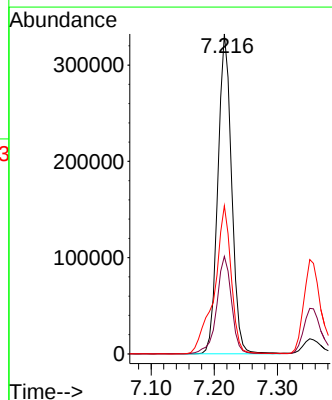
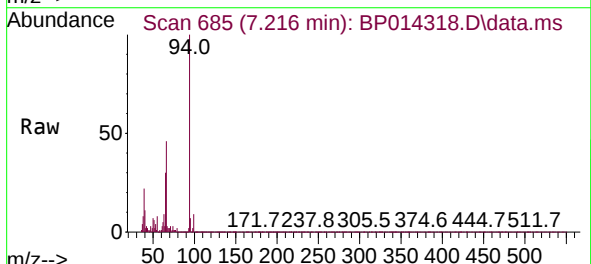
Manual Integrations
APPROVED

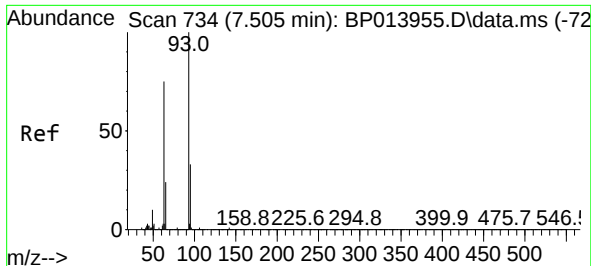
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#10
Phenol
Concen: 51.531 ng
RT: 7.216 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

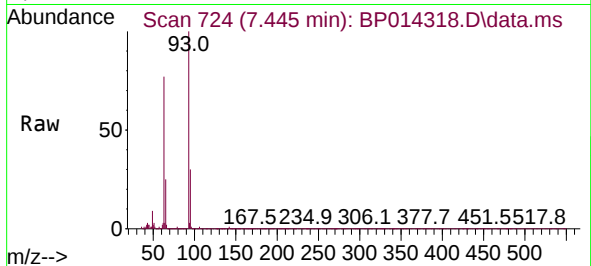
Tgt Ion: 94 Resp: 502739
Ion Ratio Lower Upper
94 100
65 30.5 10.9 50.9
66 46.3 26.1 66.1





#11
bis(2-Chloroethyl)ether
Concen: 52.462 ng
RT: 7.445 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

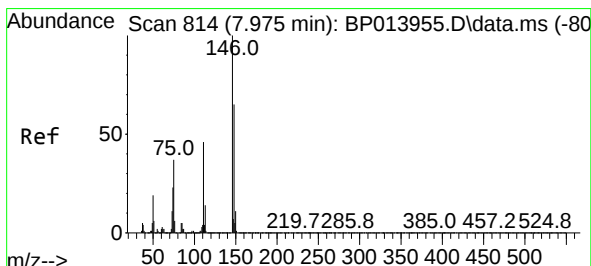
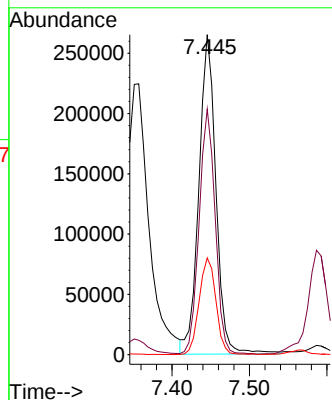
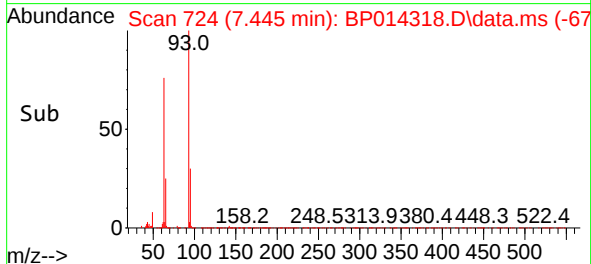
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



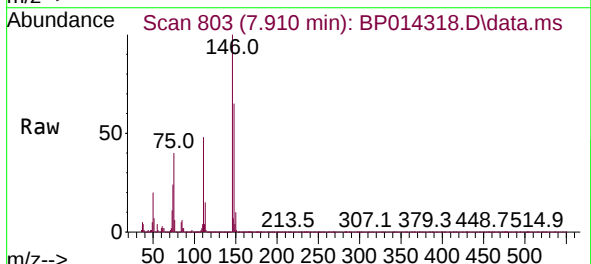
Tgt Ion: 93 Resp: 405249
Ion Ratio Lower Upper
93 100
63 76.7 54.2 94.2
95 30.2 12.7 52.7

Manual Integrations
APPROVED

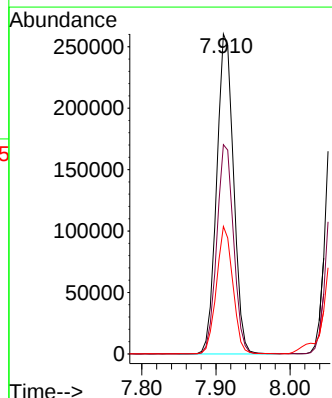
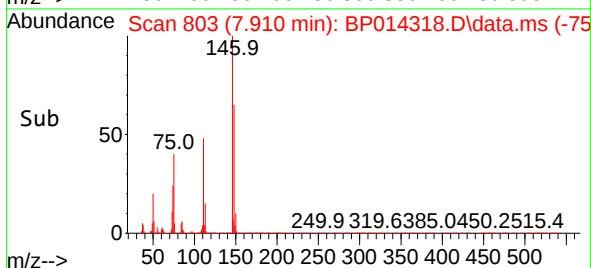
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

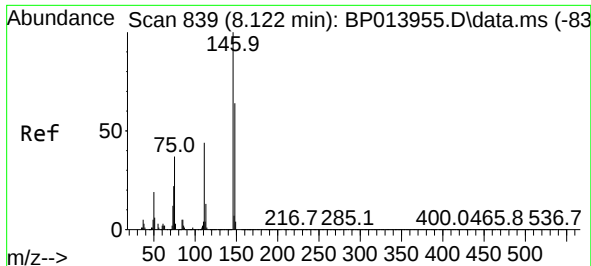


#12
1,3-Dichlorobenzene
Concen: 48.969 ng
RT: 7.910 min Scan# 803
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24



Tgt Ion:146 Resp: 411494
Ion Ratio Lower Upper
146 100
148 65.4 52.1 78.1
75 39.8 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 48.831 ng

RT: 8.063 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

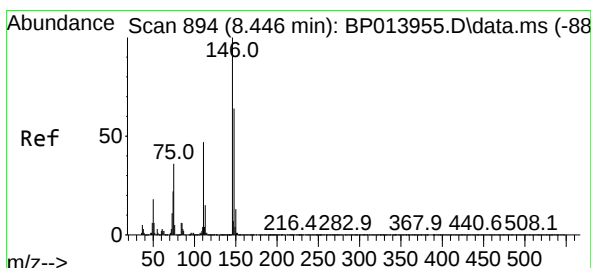
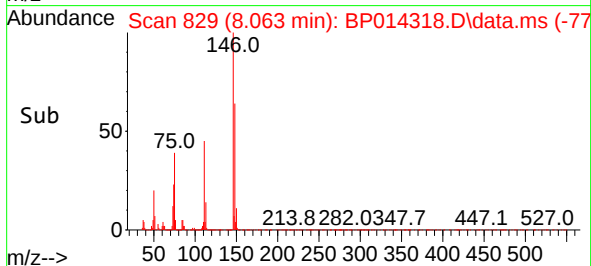
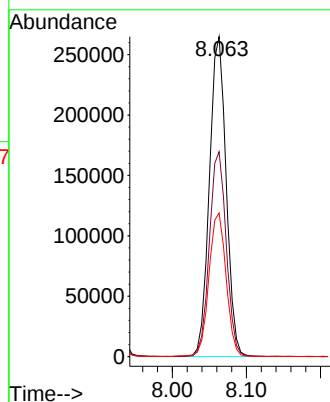
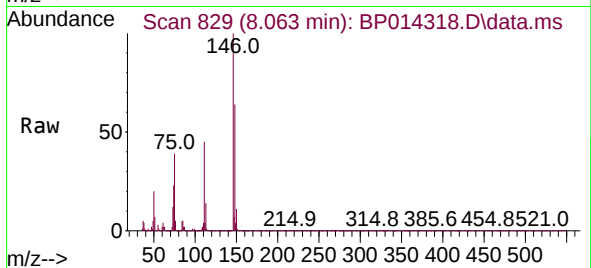
PB151659BSD

Tgt Ion:	146	Resp:	41512
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.4	77.2
111	44.9	35.1	52.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#14

1,2-Dichlorobenzene

Concen: 48.458 ng

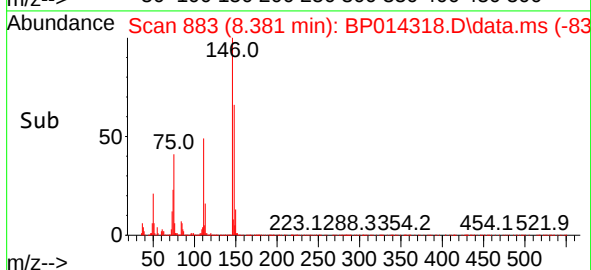
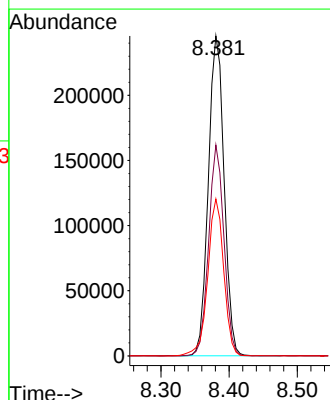
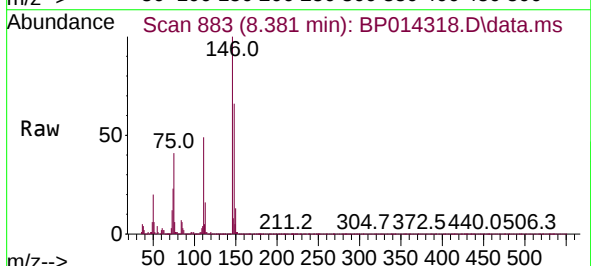
RT: 8.381 min Scan# 883

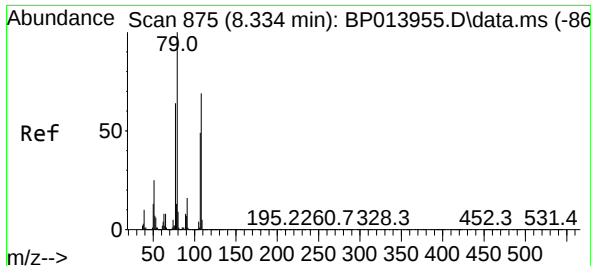
Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

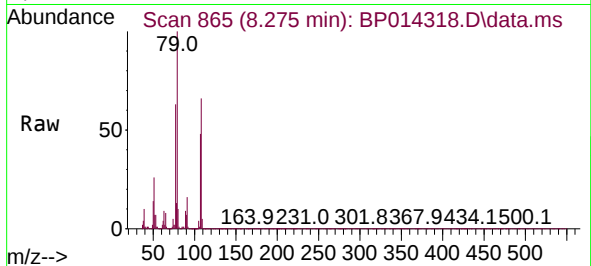
Tgt Ion:	146	Resp:	394570
Ion Ratio	Lower	Upper	
146	100		
148	65.9	51.4	77.0
111	49.0	37.2	55.8





#15
Benzyl Alcohol
Concen: 48.442 ng
RT: 8.275 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

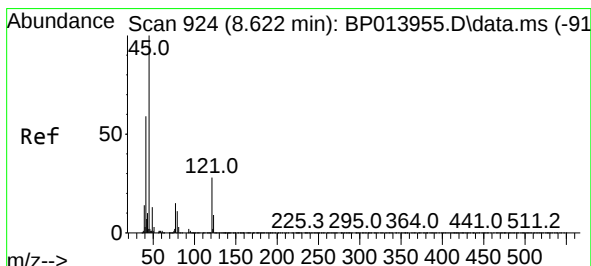
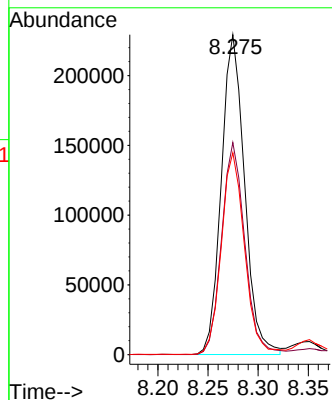
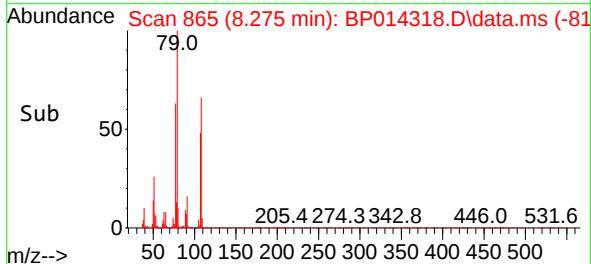
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



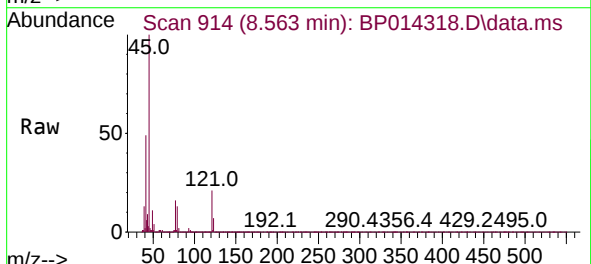
Tgt Ion: 79 Resp: 370228
Ion Ratio Lower Upper
79 100
108 66.3 54.9 82.3
77 63.1 51.4 77.0

Manual Integrations
APPROVED

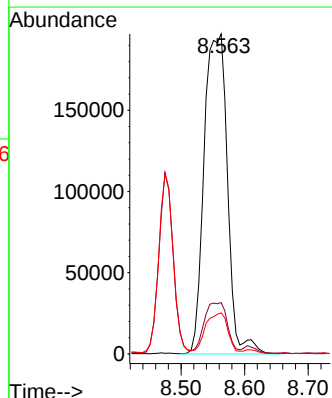
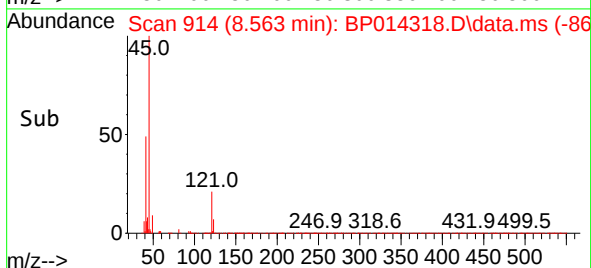
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

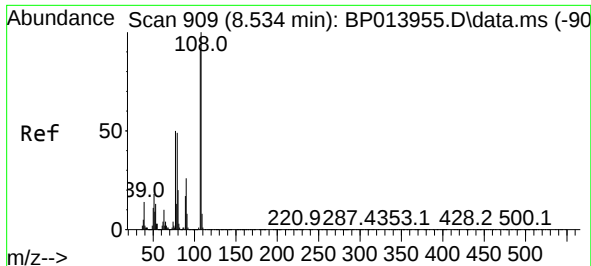


#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.690 ng m
RT: 8.563 min Scan# 914
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24



Tgt Ion: 45 Resp: 501987
Ion Ratio Lower Upper
45 100
77 16.0 0.0 38.7
79 12.8 0.0 34.4





#17

2-Methylphenol

Concen: 46.965 ng

RT: 8.475 min Scan# 899

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

Tgt Ion:107 Resp: 326780

Ion Ratio Lower Upper

107 100

108 108.3 87.0 130.4

77 53.6 44.0 66.0

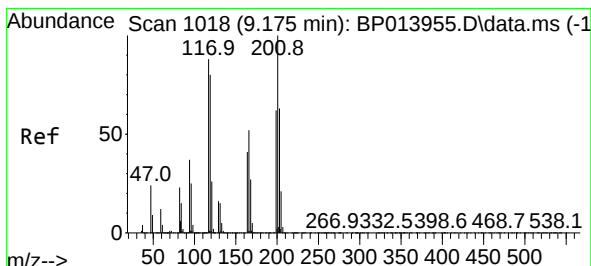
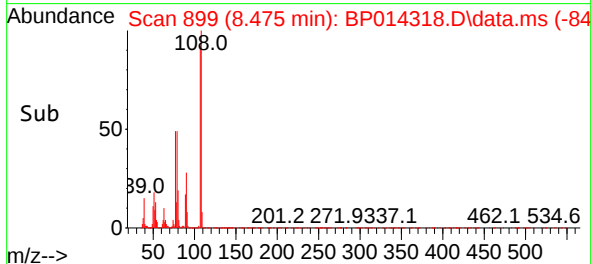
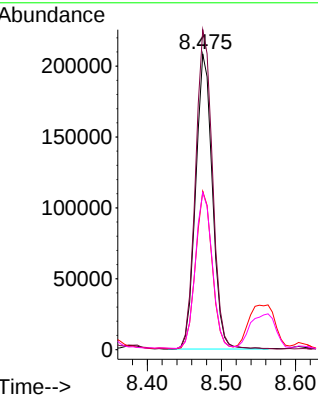
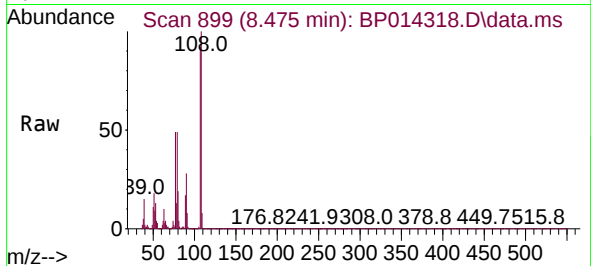
79 53.2 42.4 63.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#18

Hexachloroethane

Concen: 49.184 ng

RT: 9.110 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

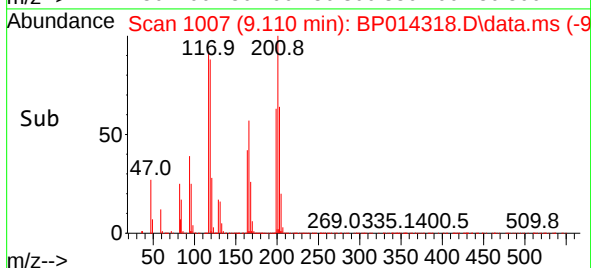
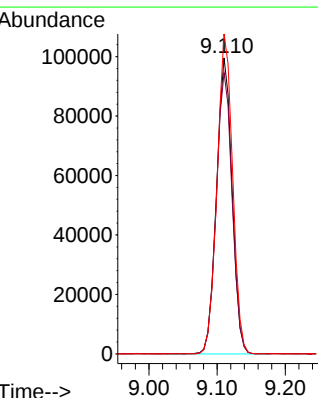
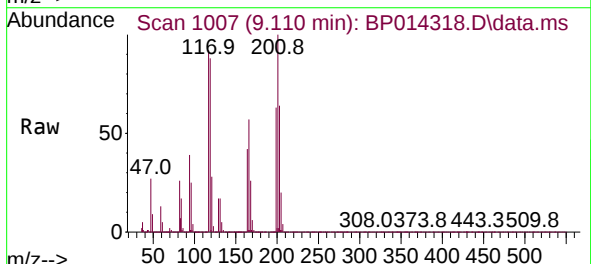
Tgt Ion:117 Resp: 157076

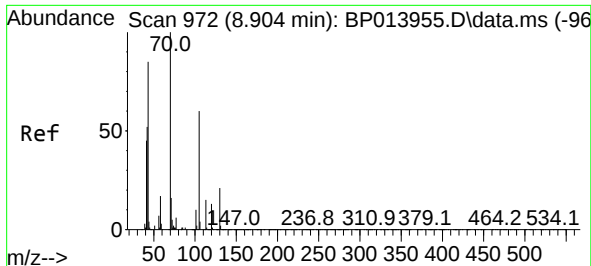
Ion Ratio Lower Upper

117 100

119 95.0 73.3 109.9

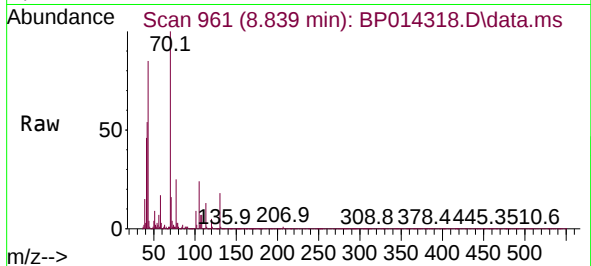
201 108.1 91.1 136.7





#19
n-Nitroso-di-n-propylamine
Concen: 50.071 ng
RT: 8.839 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

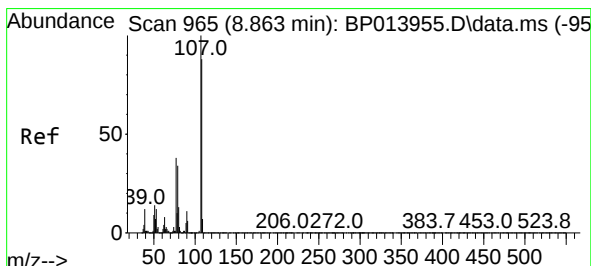
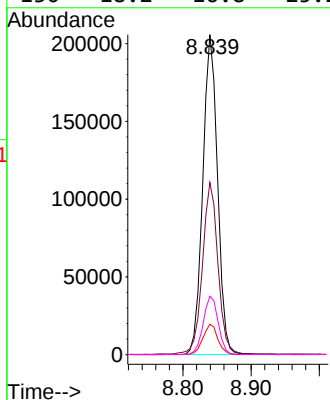
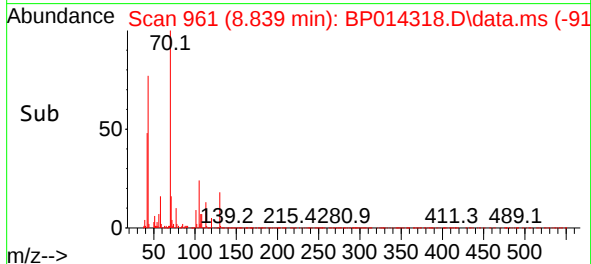
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



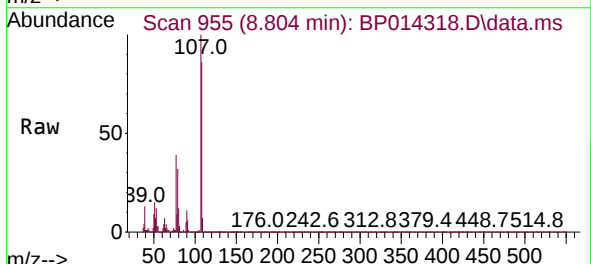
Tgt Ion: 70 Resp: 30894
Ion Ratio Lower Upper
70 100
42 53.8 42.4 63.6
101 9.5 8.2 12.4
130 18.2 16.8 25.2

Manual Integrations
APPROVED

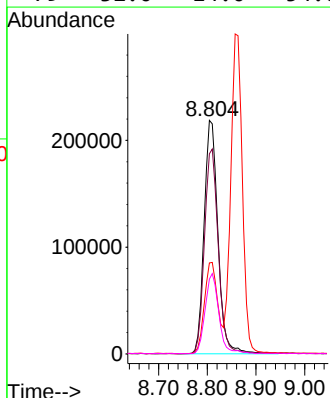
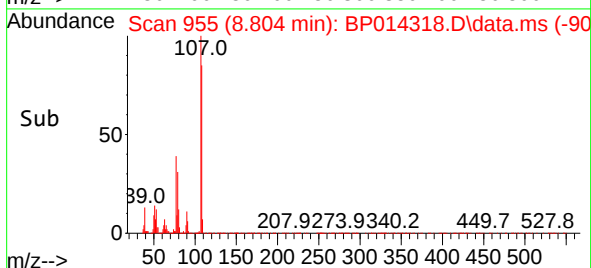
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

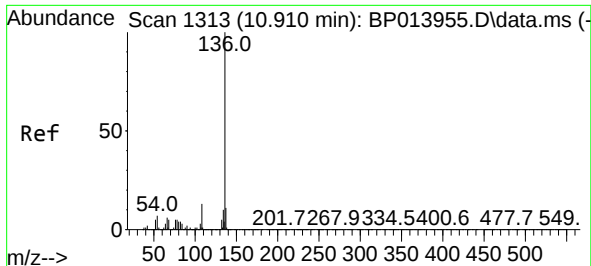


#20
3+4-Methylphenols
Concen: 46.168 ng
RT: 8.804 min Scan# 955
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24



Tgt Ion: 107 Resp: 432628
Ion Ratio Lower Upper
107 100
108 85.7 68.2 108.2
77 39.0 18.1 58.1
79 32.0 14.0 54.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.845 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

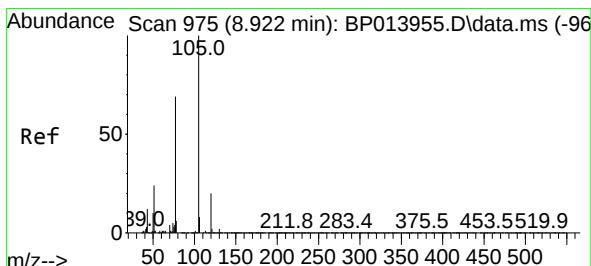
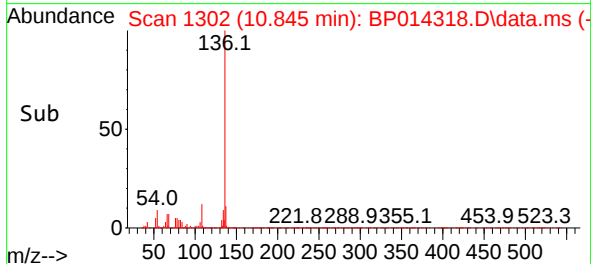
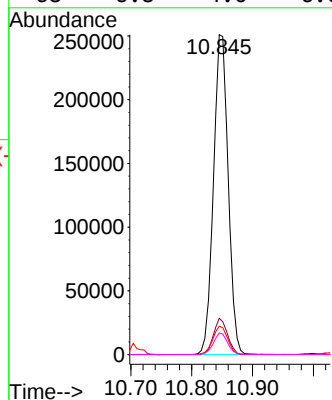
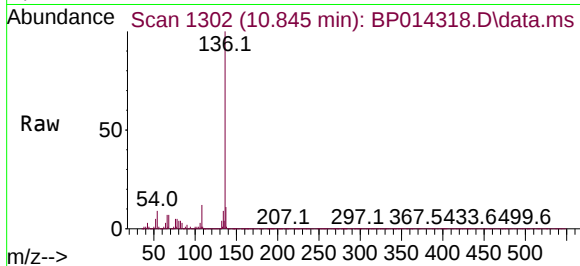
ClientSampleId :

PB151659BSD

Tgt Ion:136 Resp: 421531
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 8.9 5.8 8.8
68 6.8 4.0 6.0

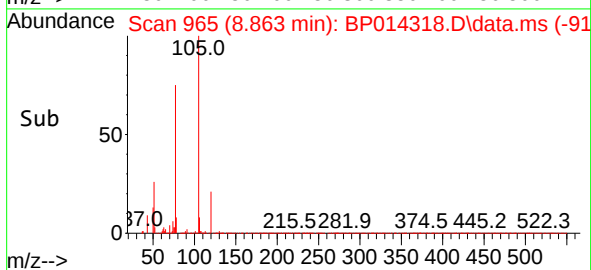
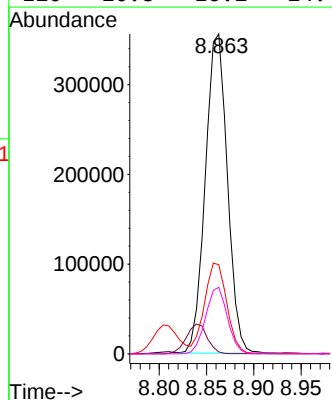
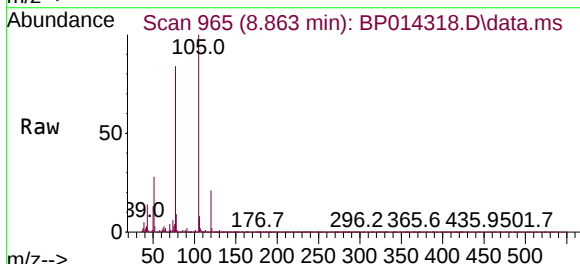
Manual Integrations
APPROVED

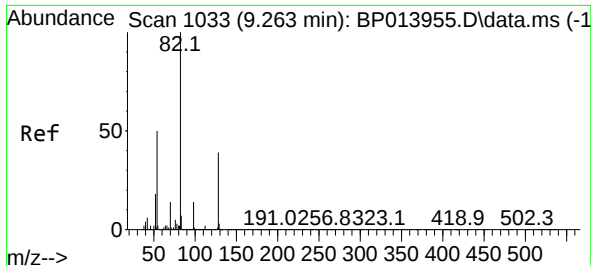
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#22
Acetophenone
Concen: 48.772 ng
RT: 8.863 min Scan# 965
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

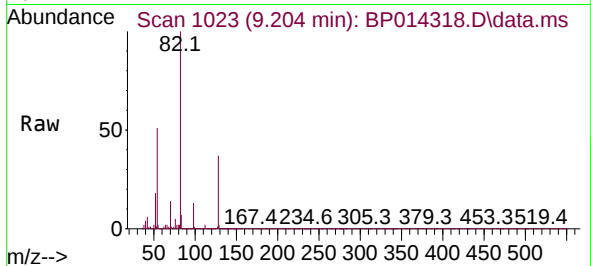
Tgt Ion:105 Resp: 576672
Ion Ratio Lower Upper
105 100
71 0.6 1.4 2.0
51 27.9 21.5 32.3
120 20.8 16.2 24.4





#23
Nitrobenzene-d5
Concen: 73.241 ng
RT: 9.204 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

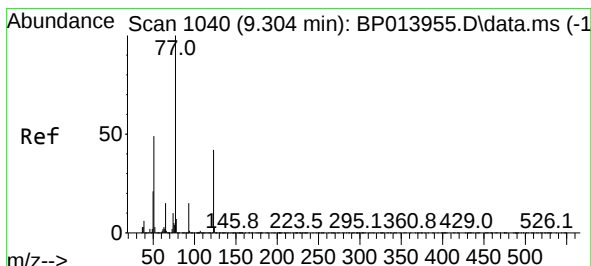
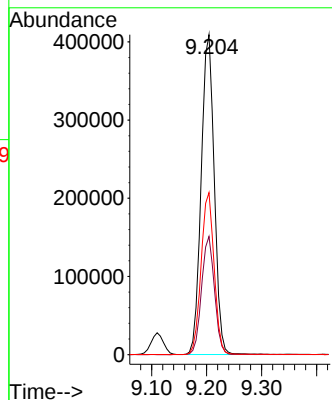
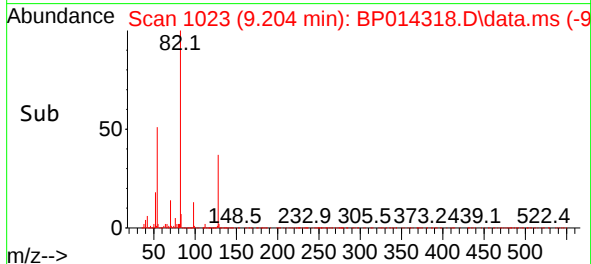
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



Tgt Ion: 82 Resp: 675479
Ion Ratio Lower Upper
82 100
128 36.9 31.1 46.7
54 50.6 40.0 60.0

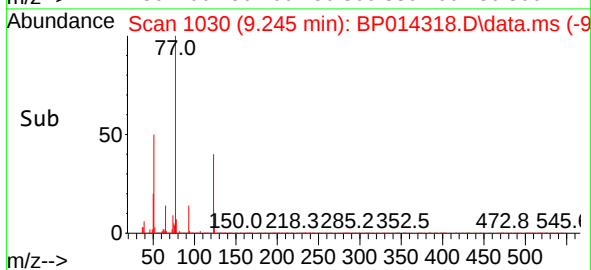
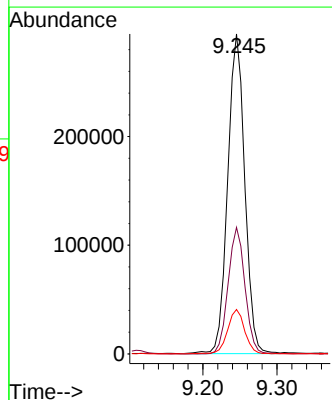
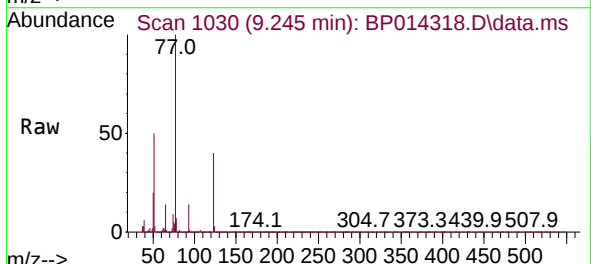
Manual Integrations
APPROVED

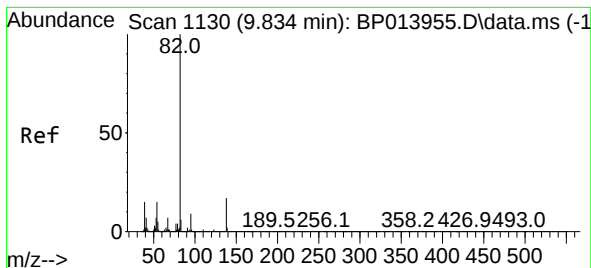
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#24
Nitrobenzene
Concen: 49.803 ng
RT: 9.245 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion: 77 Resp: 469976
Ion Ratio Lower Upper
77 100
123 39.5 33.6 50.4
65 13.9 11.6 17.4





#25

Isophorone

Concen: 48.050 ng

RT: 9.769 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

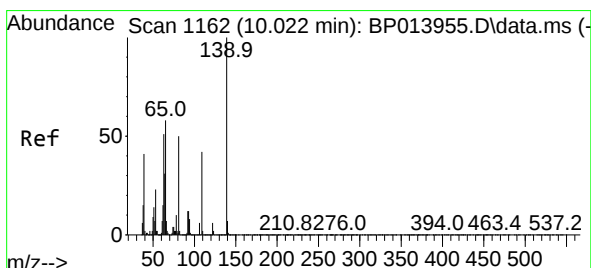
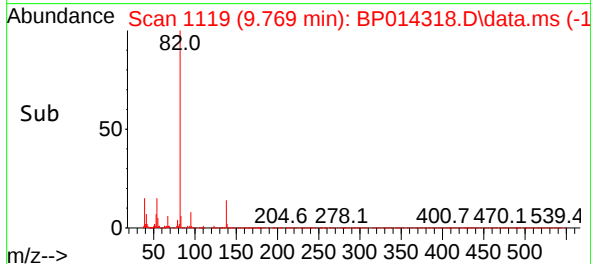
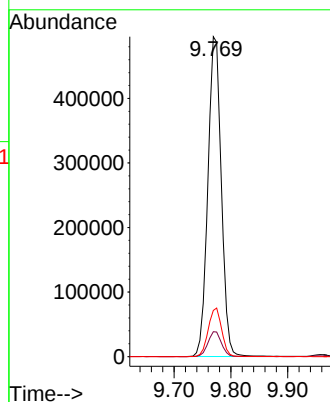
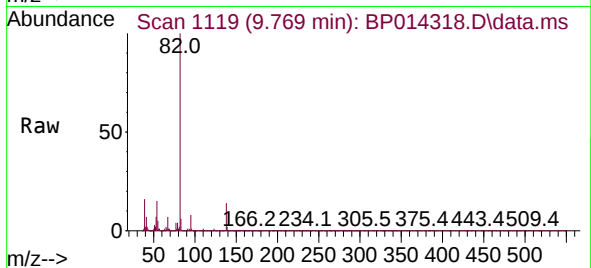
PB151659BSD

Tgt Ion:	82	Resp:	816542
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.9	10.3
138	14.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#26

2-Nitrophenol

Concen: 47.082 ng

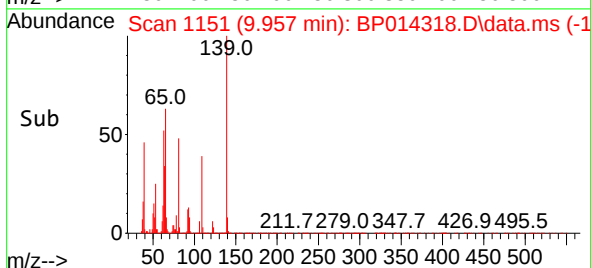
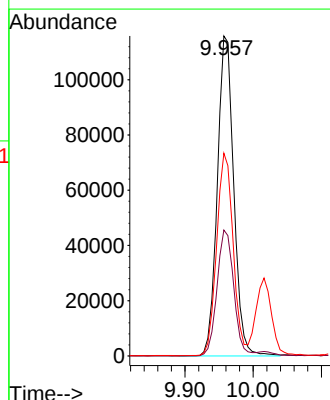
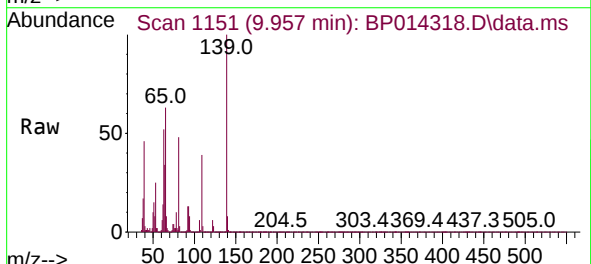
RT: 9.957 min Scan# 1151

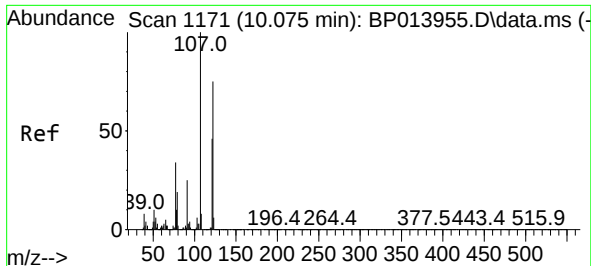
Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

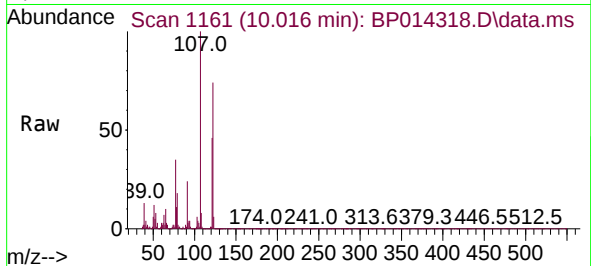
Tgt Ion:	139	Resp:	193255
Ion Ratio	Lower	Upper	
139	100		
109	39.3	33.8	50.8
65	63.3	46.6	70.0





#27
2,4-Dimethylphenol
Concen: 49.788 ng
RT: 10.016 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

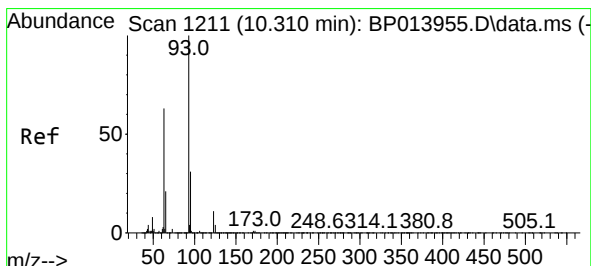
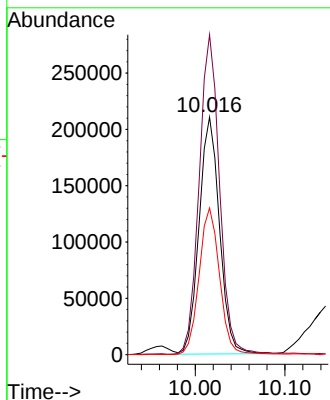
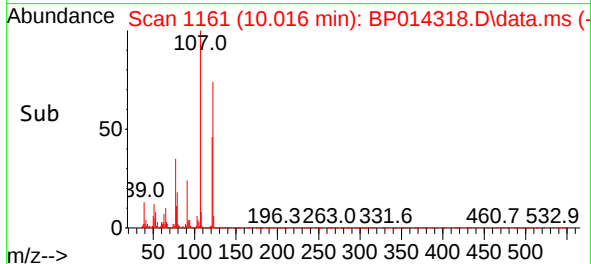
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



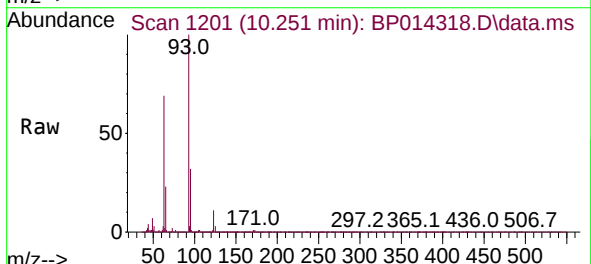
Tgt Ion: 122 Resp: 332287
Ion Ratio Lower Upper
122 100
107 134.7 105.9 158.9
121 61.8 49.0 73.4

Manual Integrations
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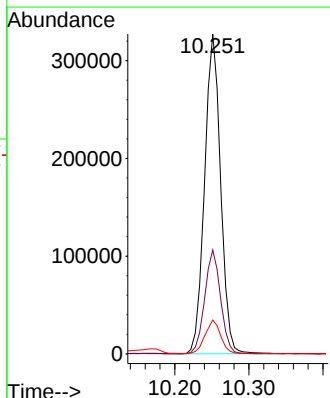
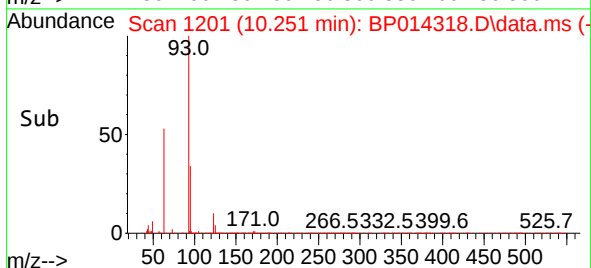
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

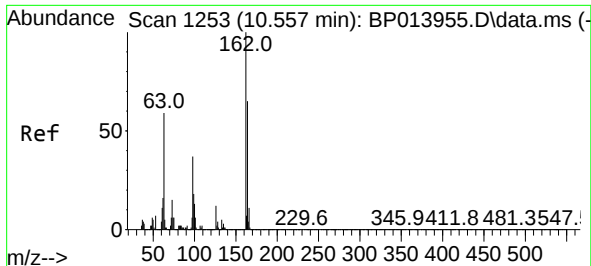


#28
bis(2-Chloroethoxy)methane
Concen: 49.910 ng
RT: 10.251 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24



Tgt Ion: 93 Resp: 490898
Ion Ratio Lower Upper
93 100
95 32.5 25.0 37.6
123 10.6 8.6 12.8





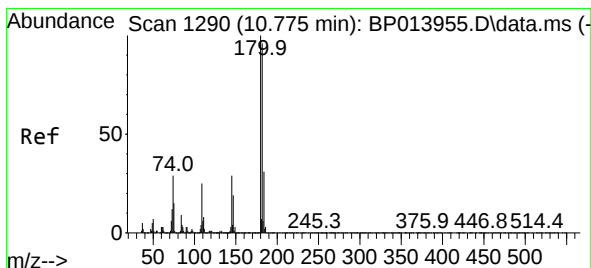
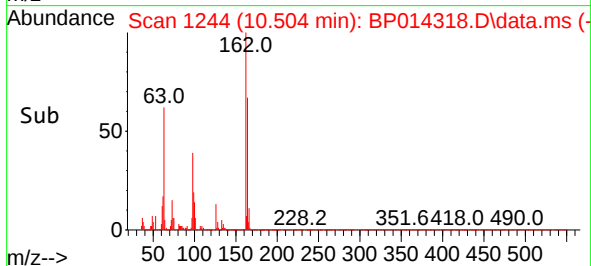
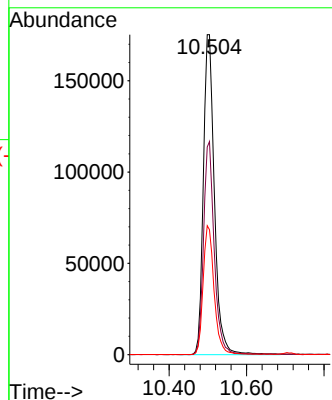
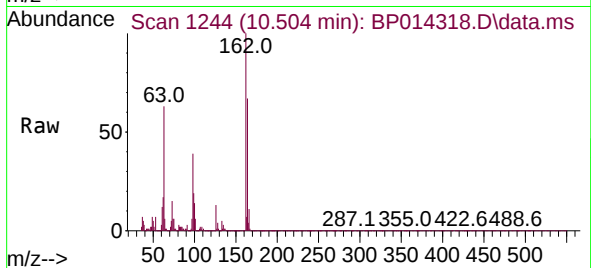
#29
2,4-Dichlorophenol
Concen: 47.468 ng
RT: 10.504 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Instrument :
BNA_P
ClientSampleId :
PB151659BSD

Tgt Ion:162 Resp: 346790
Ion Ratio Lower Upper
162 100
164 66.6 44.7 84.7
98 39.0 17.0 57.0

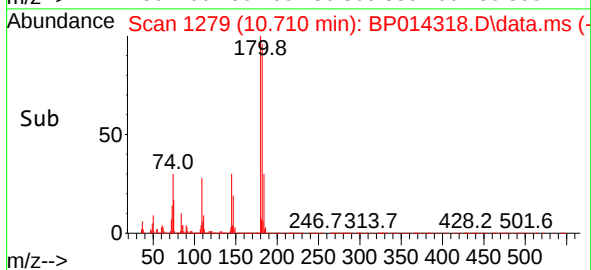
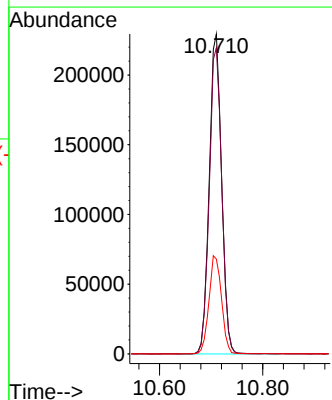
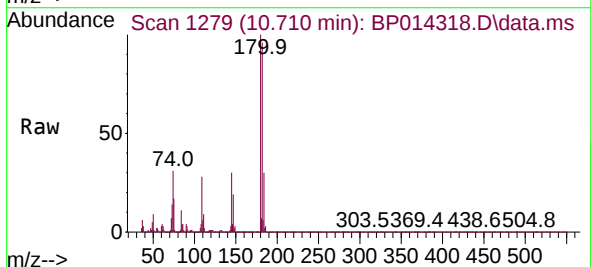
Manual Integrations
APPROVED

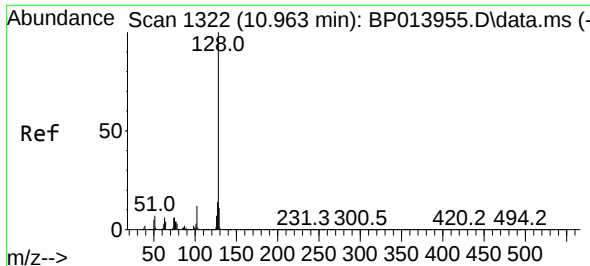
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#30
1,2,4-Trichlorobenzene
Concen: 45.719 ng
RT: 10.710 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:180 Resp: 379215
Ion Ratio Lower Upper
180 100
182 95.6 76.6 114.8
145 29.6 23.5 35.3





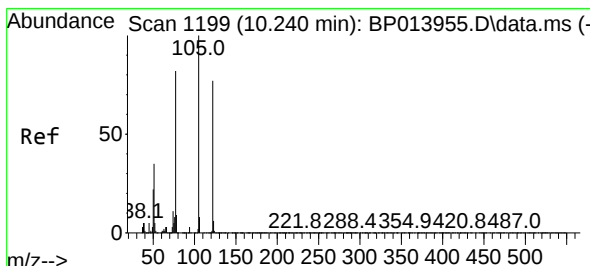
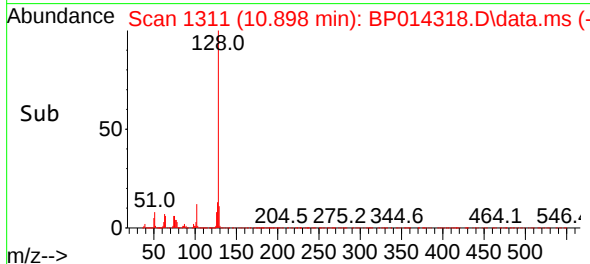
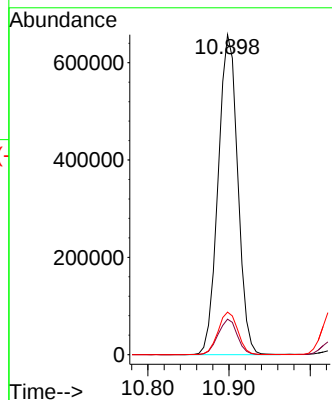
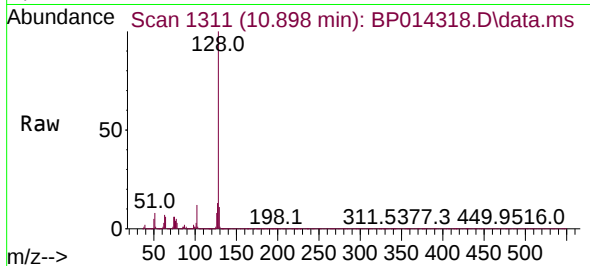
#31
Naphthalene
Concen: 47.519 ng
RT: 10.898 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Instrument :
BNA_P
ClientSampleId :
PB151659BSD

Tgt Ion:128 Resp: 110065
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 11.2 16.8

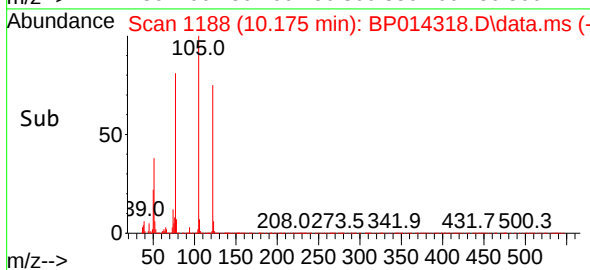
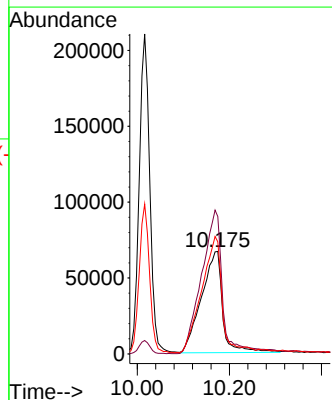
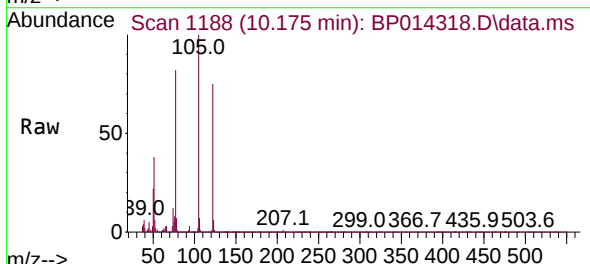
Manual Integrations
APPROVED

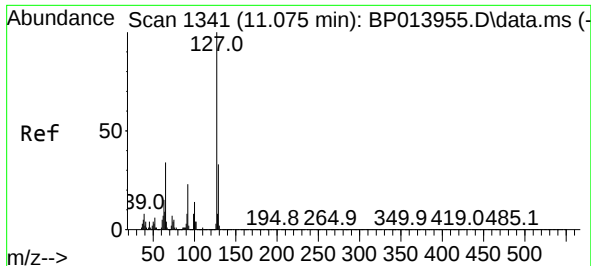
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#32
Benzoic acid
Concen: 39.038 ng
RT: 10.175 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

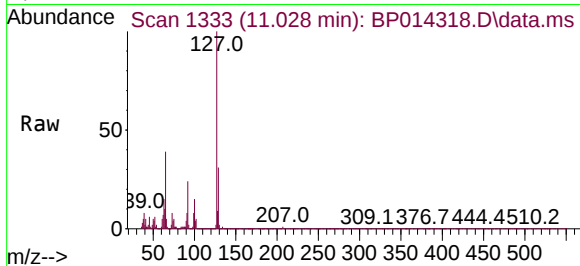
Tgt Ion:122 Resp: 212961
Ion Ratio Lower Upper
122 100
105 134.1 108.2 148.2
77 109.4 85.2 125.2





#33
4-Chloroaniline
Concen: 24.866 ng
RT: 11.028 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

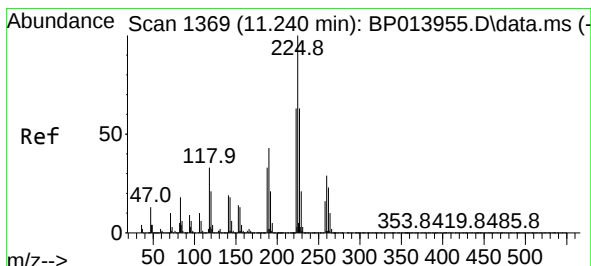
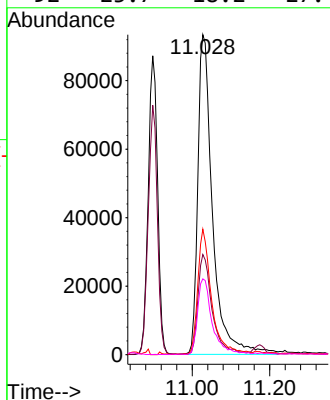
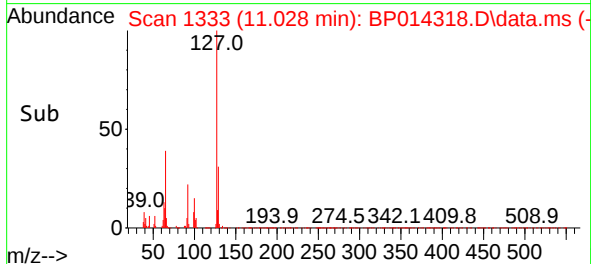
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



Tgt Ion:127 Resp: 246898
Ion Ratio Lower Upper
127 100
129 31.3 26.2 39.2
65 39.2 27.0 40.4
92 23.7 18.2 27.4

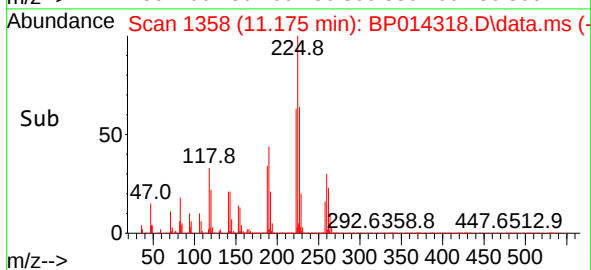
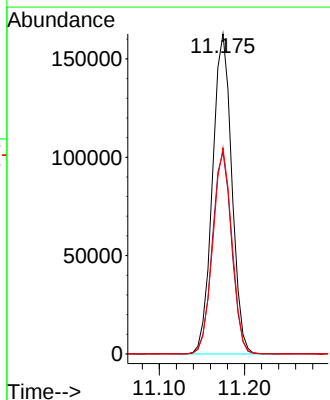
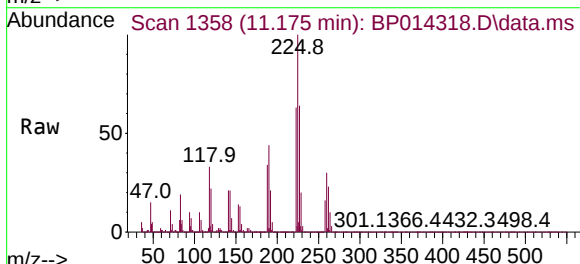
Manual Integrations
APPROVED

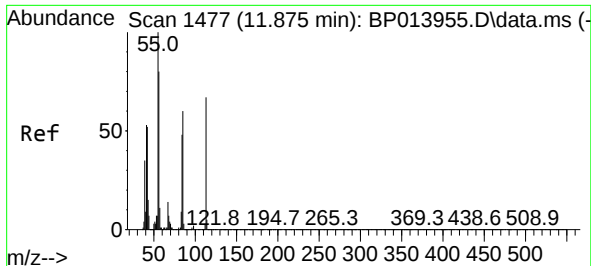
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#34
Hexachlorobutadiene
Concen: 42.358 ng
RT: 11.175 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

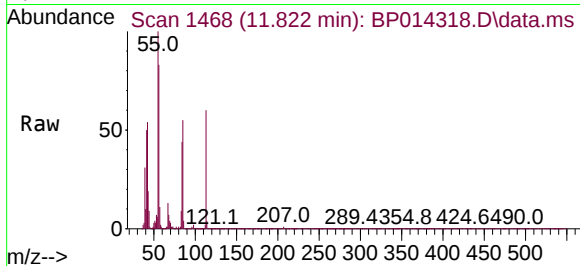
Tgt Ion:225 Resp: 255436
Ion Ratio Lower Upper
225 100
223 63.1 50.6 76.0
227 64.4 50.2 75.4





#35
Caprolactam
Concen: 49.001 ng
RT: 11.822 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

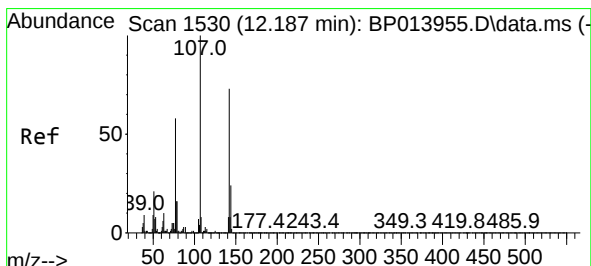
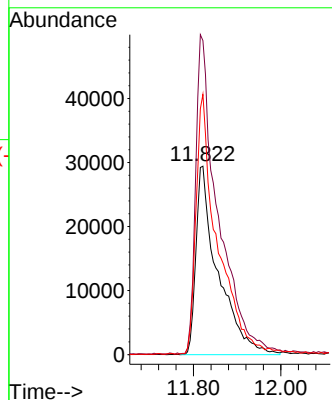
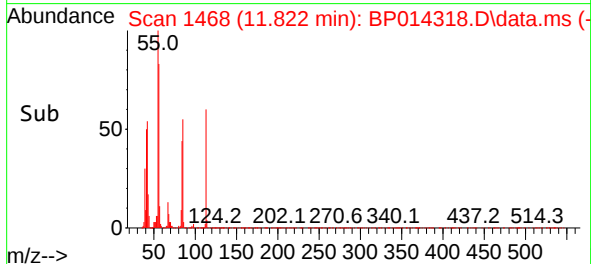
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



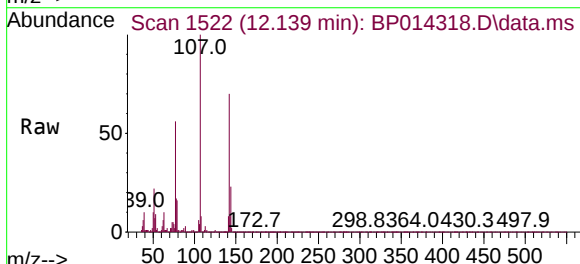
Tgt Ion:113 Resp: 102473
Ion Ratio Lower Upper
113 100
55 166.7 128.9 168.9
56 138.1 99.6 139.6

Manual Integrations
APPROVED

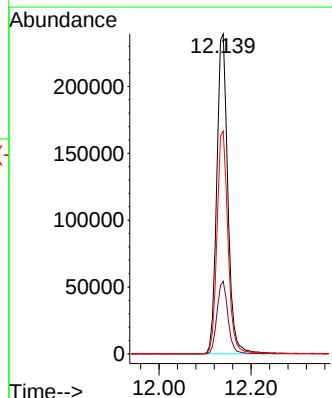
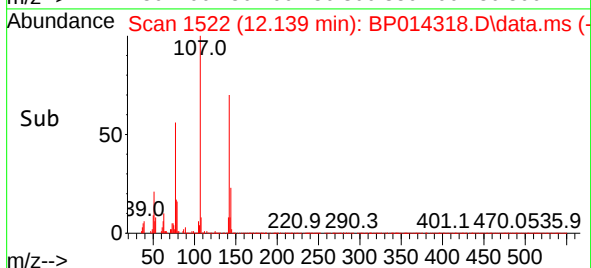
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

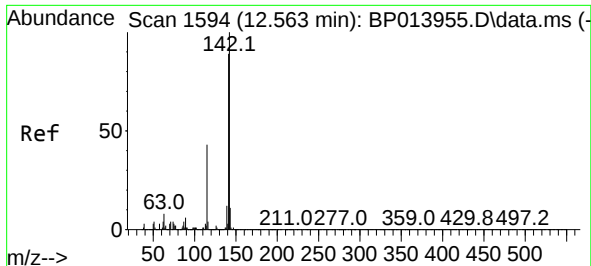


#36
4-Chloro-3-methylphenol
Concen: 48.834 ng
RT: 12.139 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24



Tgt Ion:107 Resp: 397896
Ion Ratio Lower Upper
107 100
144 22.7 19.3 28.9
142 69.6 58.5 87.7





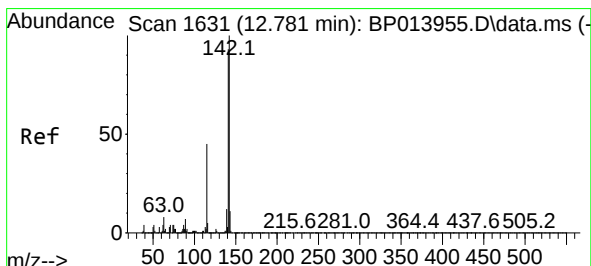
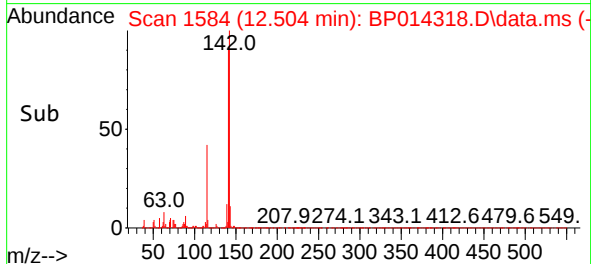
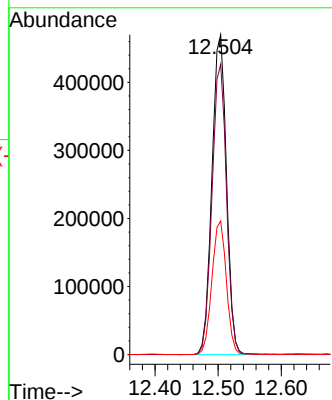
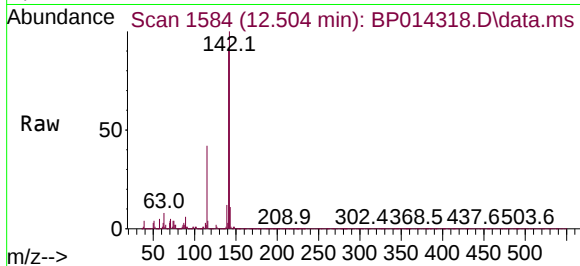
#37
2-Methylnaphthalene
Concen: 44.046 ng
RT: 12.504 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Instrument :
BNA_P
ClientSampleId :
PB151659BSD

Tgt Ion:142 Resp: 752668
Ion Ratio Lower Upper
142 100
141 90.7 71.0 106.4
115 41.8 34.5 51.7

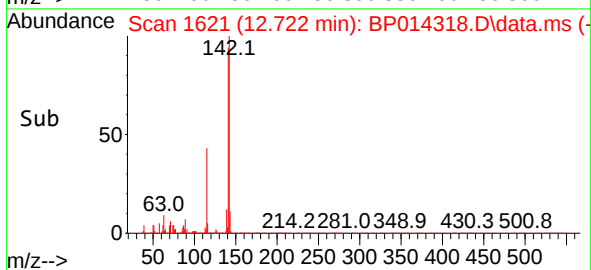
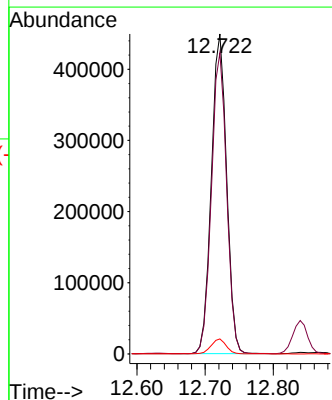
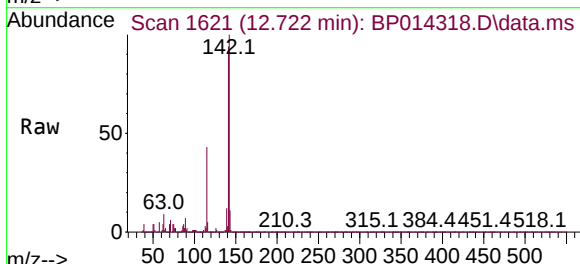
Manual Integrations
APPROVED

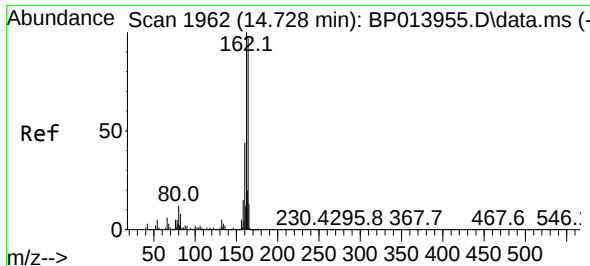
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#38
1-Methylnaphthalene
Concen: 43.830 ng
RT: 12.722 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

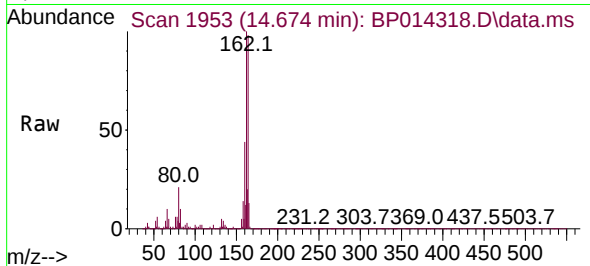
Tgt Ion:142 Resp: 698160
Ion Ratio Lower Upper
142 100
141 94.1 74.4 111.6
116 4.7 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.674 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

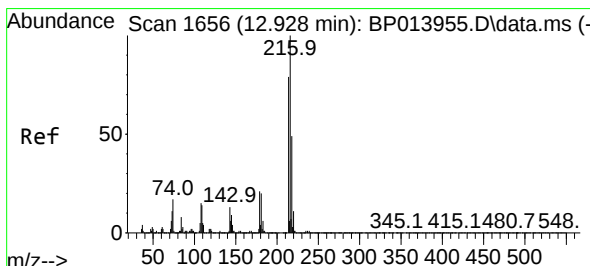
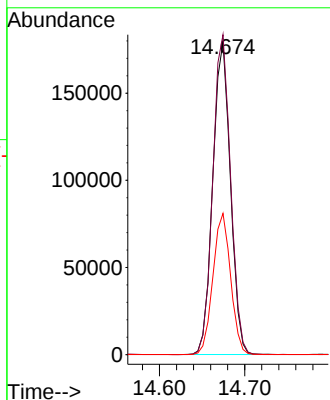
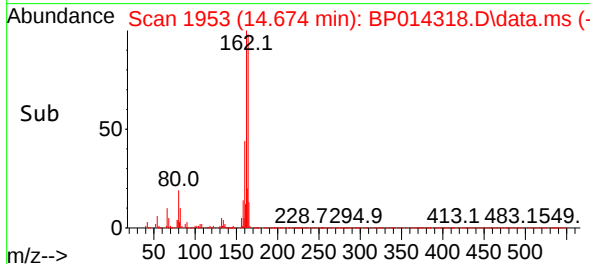
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



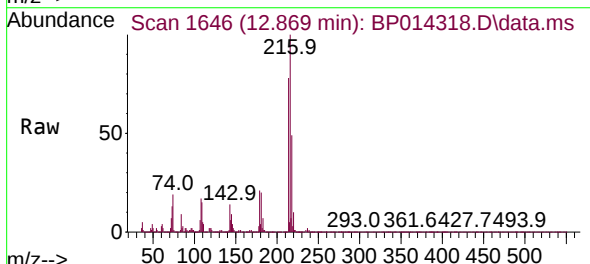
Tgt Ion:164 Resp: 257897
Ion Ratio Lower Upper
164 100
162 102.3 82.1 123.1
160 45.1 36.2 54.2

Manual Integrations
APPROVED

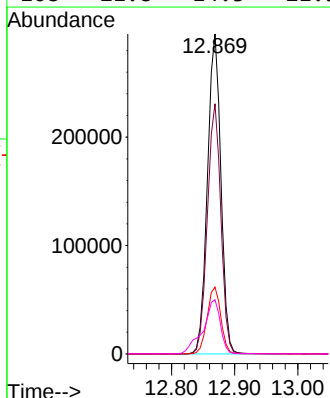
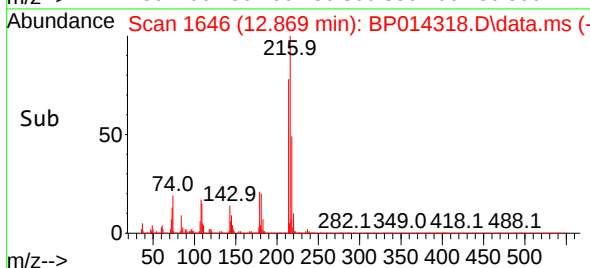
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

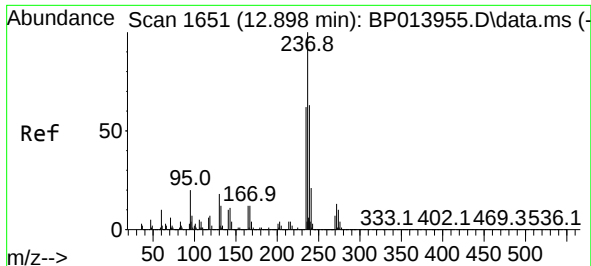


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.411 ng
RT: 12.869 min Scan# 1646
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24



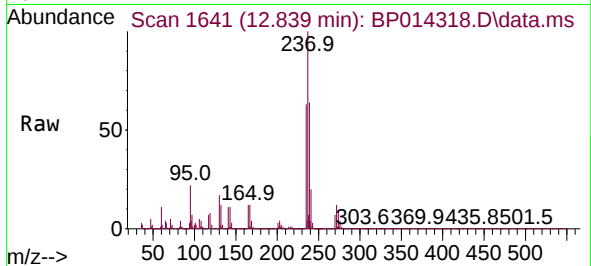
Tgt Ion:216 Resp: 436572
Ion Ratio Lower Upper
216 100
214 78.5 62.2 93.2
179 21.2 16.6 24.8
108 21.8 14.3 21.5#





#41
Hexachlorocyclopentadiene
Concen: 99.786 ng
RT: 12.839 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

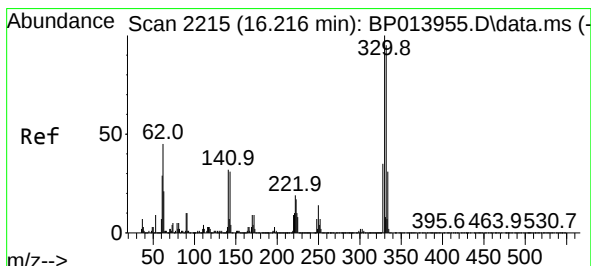
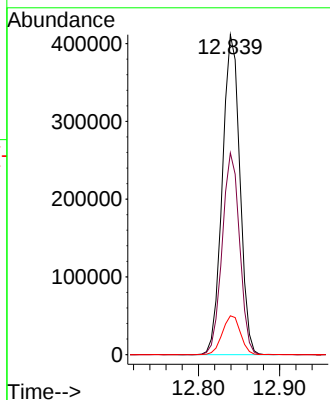
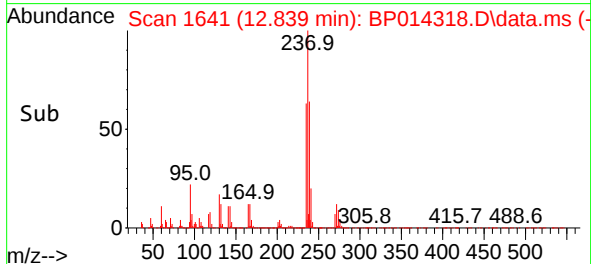
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



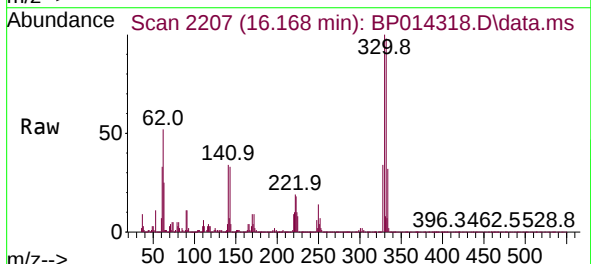
Tgt Ion: 237 Resp: 615603
Ion Ratio Lower Upper
237 100
235 63.0 41.9 81.9
272 12.1 0.0 32.6

Manual Integrations
APPROVED

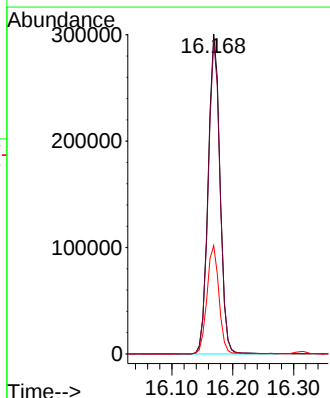
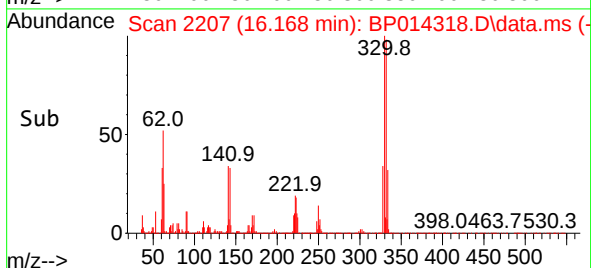
Reviewed By : Christian Giraldo 03/28/2023
Supervised By : Jagrut Upadhyay 03/28/2023

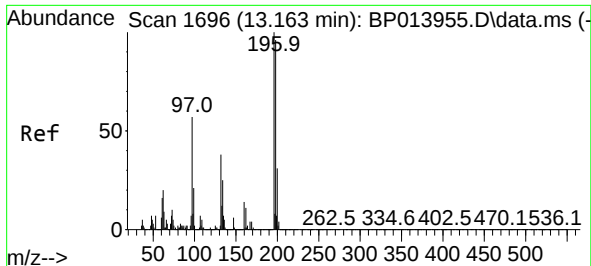


#42
2,4,6-Tribromophenol
Concen: 97.071 ng
RT: 16.168 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24



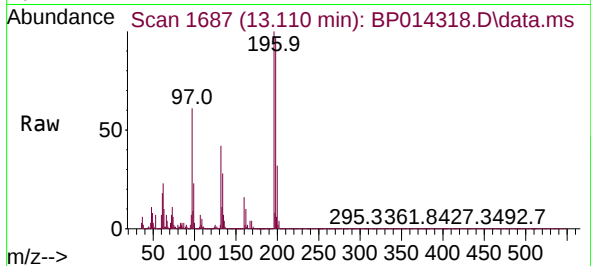
Tgt Ion: 330 Resp: 405893
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 34.2 25.6 38.4





#43
2,4,6-Trichlorophenol
Concen: 45.641 ng
RT: 13.110 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

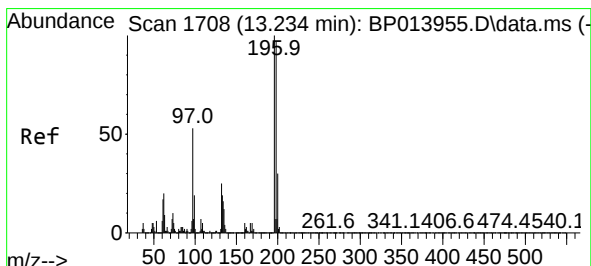
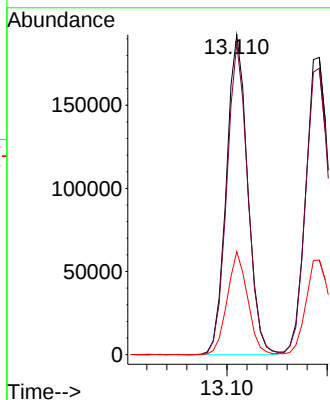
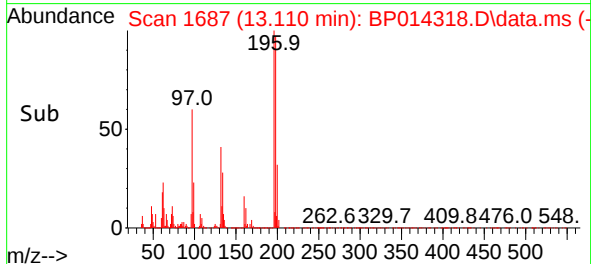
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



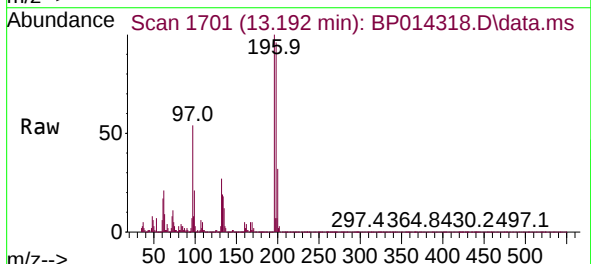
Tgt Ion:196 Resp: 283603
Ion Ratio Lower Upper
196 100
198 97.2 76.7 115.1
200 32.2 25.2 37.8

Manual Integrations
APPROVED

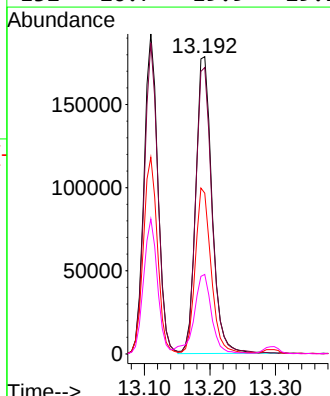
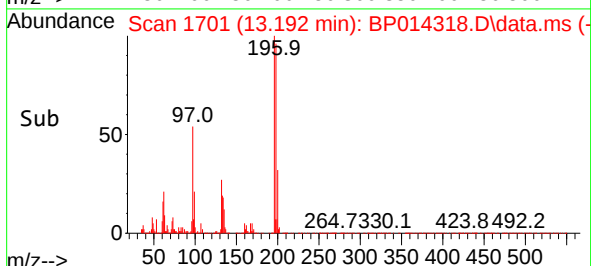
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

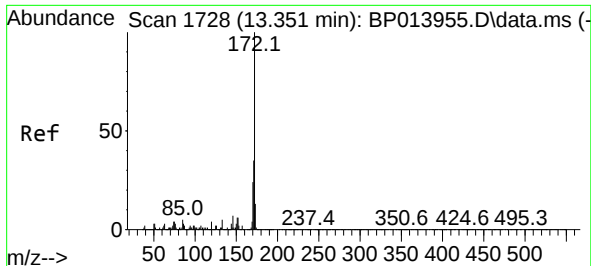


#44
2,4,5-Trichlorophenol
Concen: 42.549 ng
RT: 13.192 min Scan# 1701
Delta R.T. 0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24



Tgt Ion:196 Resp: 306367
Ion Ratio Lower Upper
196 100
198 96.3 77.5 116.3
97 54.1 42.6 64.0
132 26.7 19.9 29.9





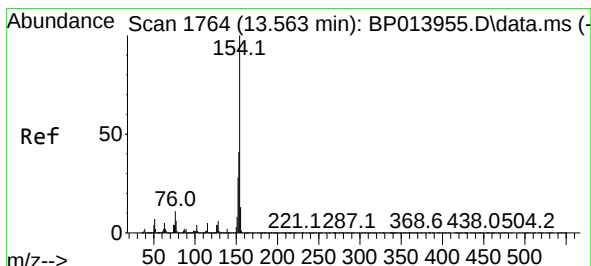
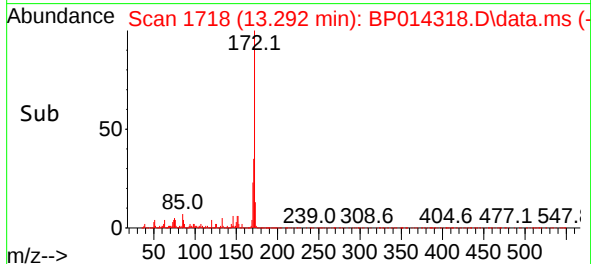
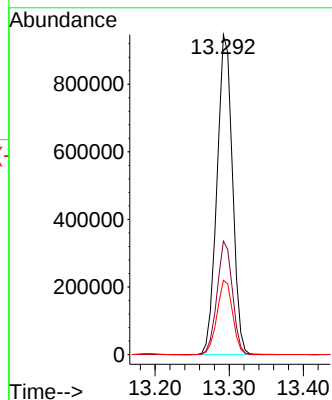
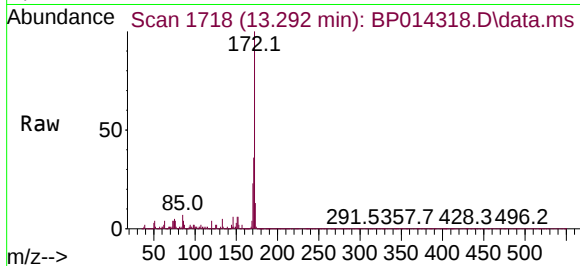
#45
2-Fluorobiphenyl
Concen: 68.863 ng
RT: 13.292 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Instrument :
BNA_P
ClientSampleId :
PB151659BSD

Tgt Ion:172 Resp: 1370779
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.2 19.0 28.4

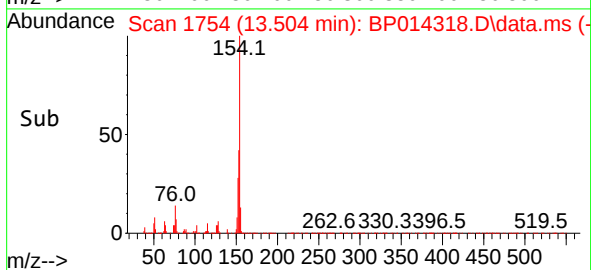
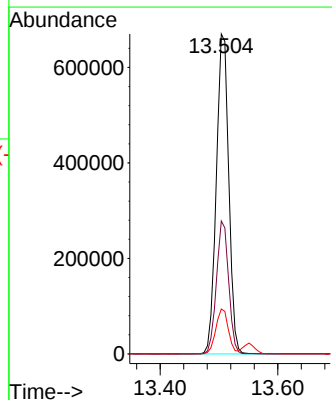
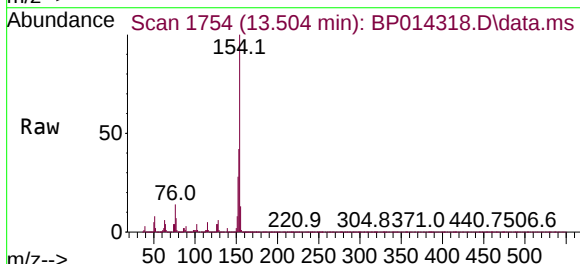
Manual Integrations
APPROVED

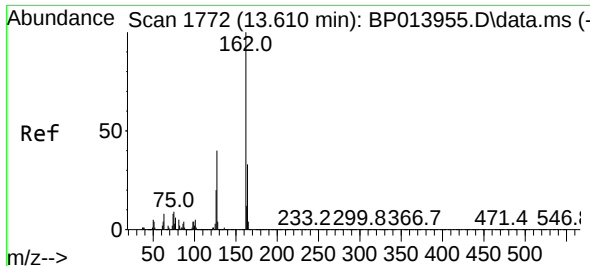
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#46
1,1'-Biphenyl
Concen: 47.325 ng
RT: 13.504 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:154 Resp: 982413
Ion Ratio Lower Upper
154 100
153 41.5 21.0 61.0
76 14.0 0.0 31.0





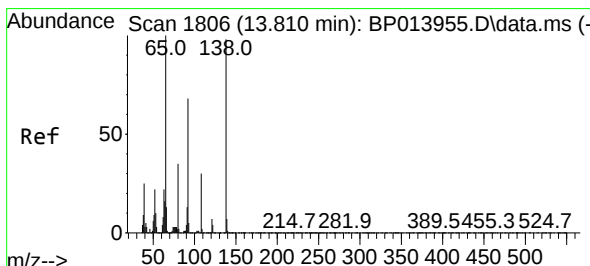
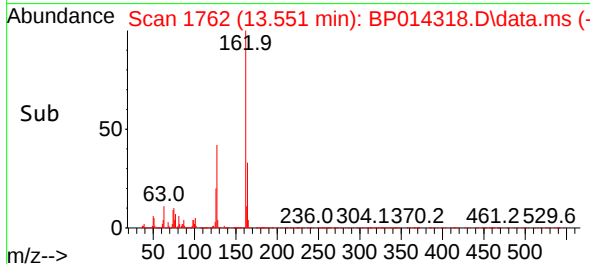
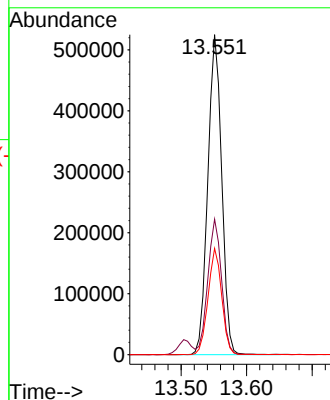
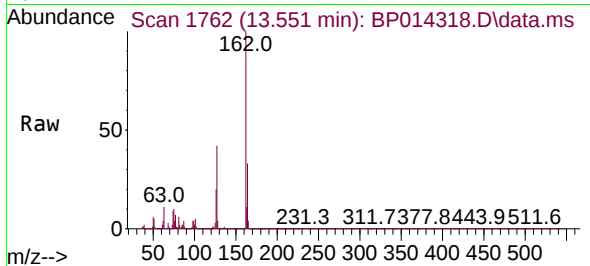
#47
2-Chloronaphthalene
Concen: 48.244 ng
RT: 13.551 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Instrument :
BNA_P
ClientSampleId :
PB151659BSD

Tgt Ion:162 Resp: 77094
Ion Ratio Lower Upper
162 100
127 42.3 32.5 48.7
164 33.2 26.3 39.5

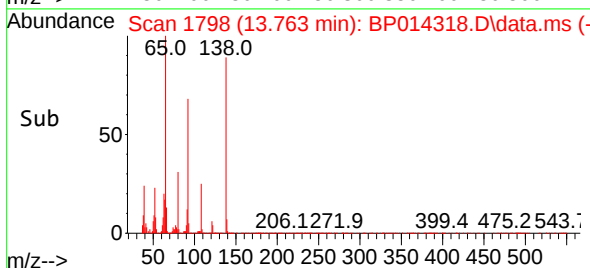
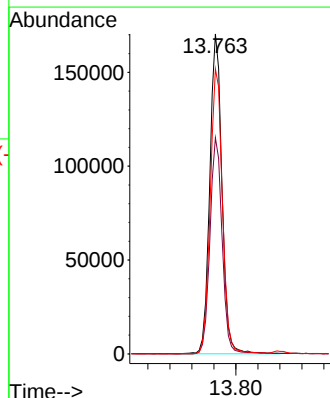
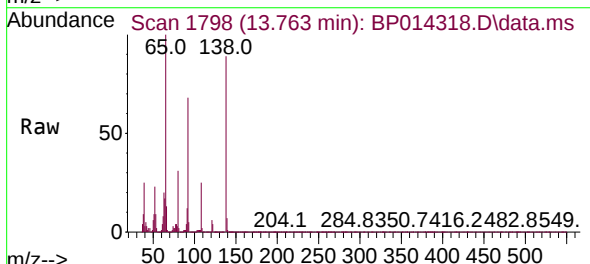
Manual Integrations
APPROVED

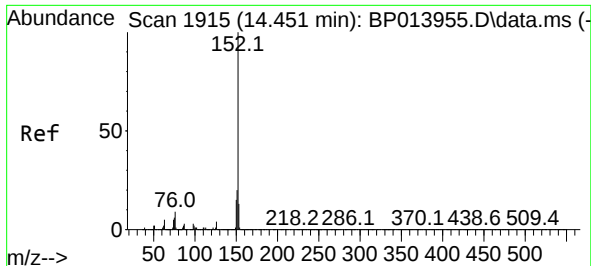
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#48
2-Nitroaniline
Concen: 53.835 ng
RT: 13.763 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

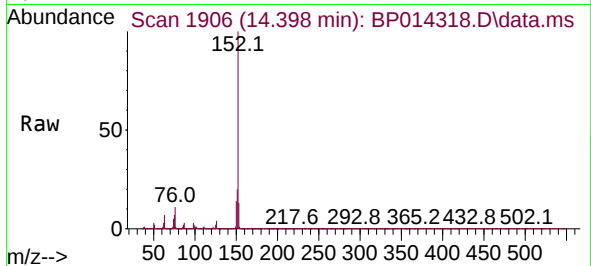
Tgt Ion: 65 Resp: 261087
Ion Ratio Lower Upper
65 100
92 67.5 54.4 81.6
138 89.0 78.0 117.0





#49
Acenaphthylene
Concen: 47.262 ng
RT: 14.398 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

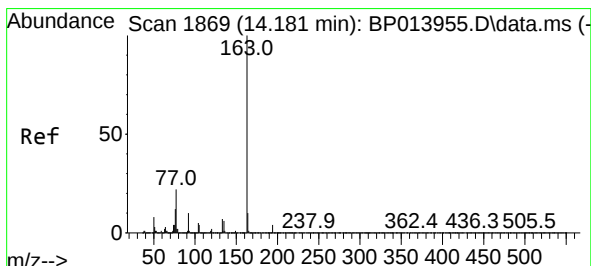
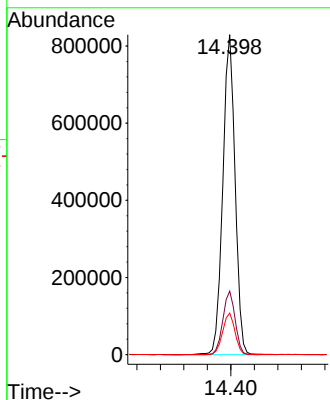
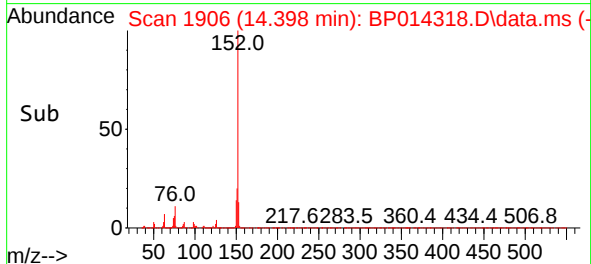
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



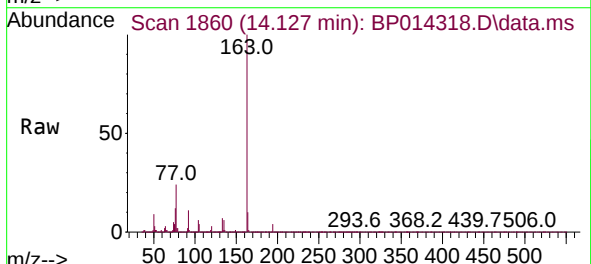
Tgt Ion:152 Resp: 1201075
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.0 10.4 15.6

Manual Integrations
APPROVED

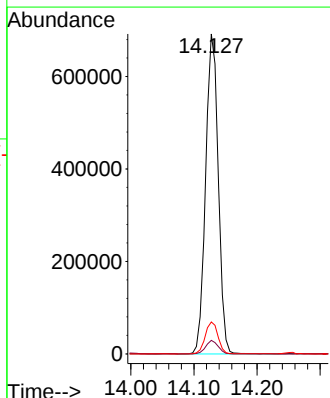
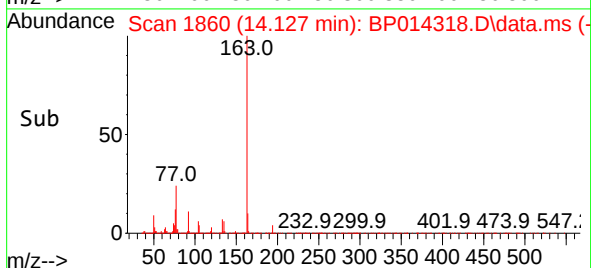
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

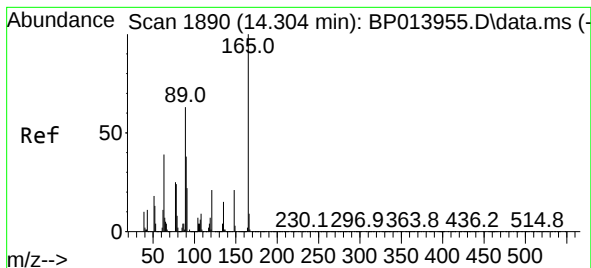


#50
Dimethylphthalate
Concen: 45.116 ng
RT: 14.127 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24



Tgt Ion:163 Resp: 959889
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.0 8.1 12.1





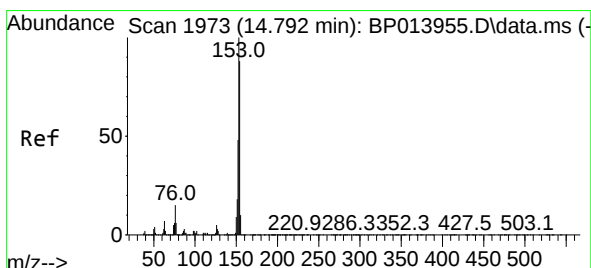
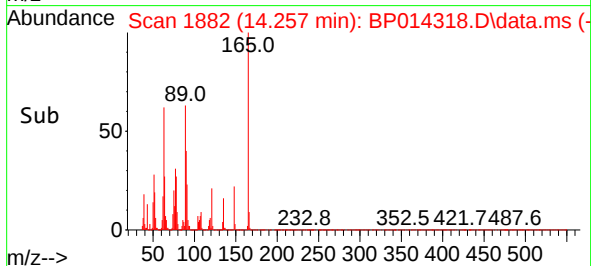
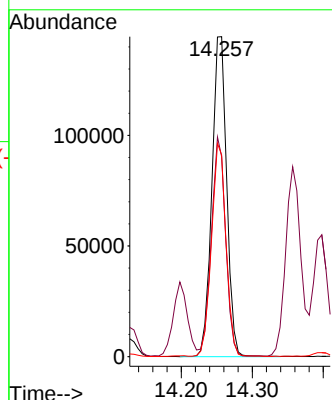
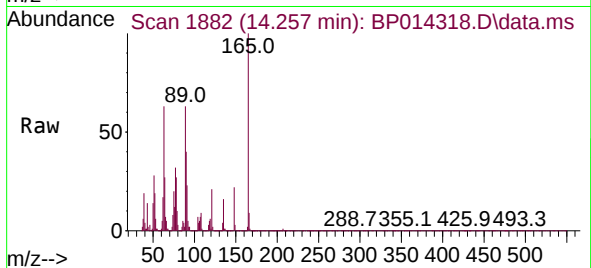
#51
2,6-Dinitrotoluene
Concen: 46.603 ng
RT: 14.257 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Instrument :
BNA_P
ClientSampleId :
PB151659BSD

Tgt Ion:165 Resp: 208805
Ion Ratio Lower Upper
165 100
63 62.5 46.7 70.1
89 63.0 50.8 76.2

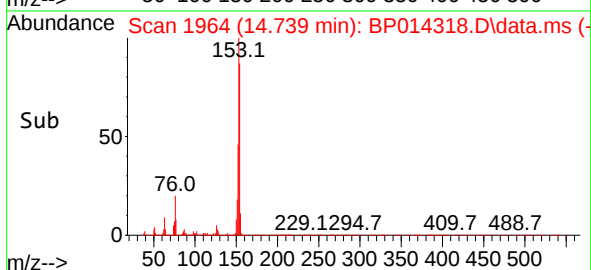
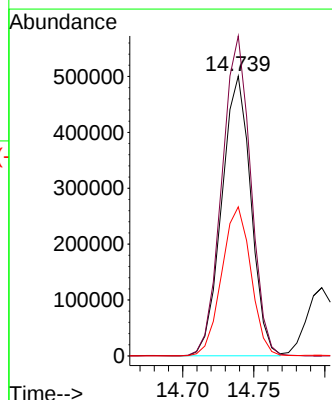
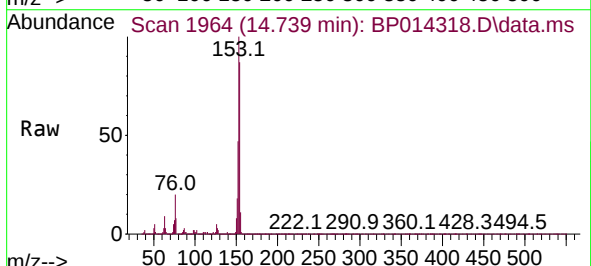
Manual Integrations
APPROVED

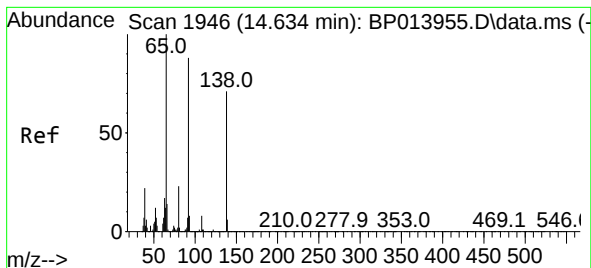
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#52
Acenaphthene
Concen: 46.756 ng
RT: 14.739 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

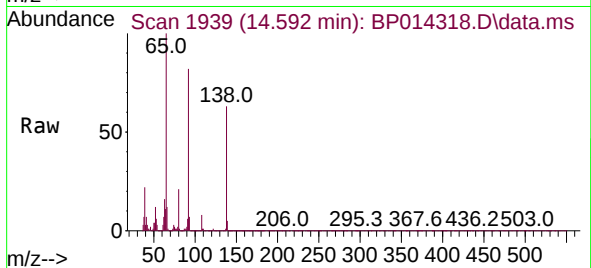
Tgt Ion:154 Resp: 715271
Ion Ratio Lower Upper
154 100
153 114.4 91.3 136.9
152 53.3 43.4 65.0





#53
3-Nitroaniline
Concen: 43.878 ng
RT: 14.592 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

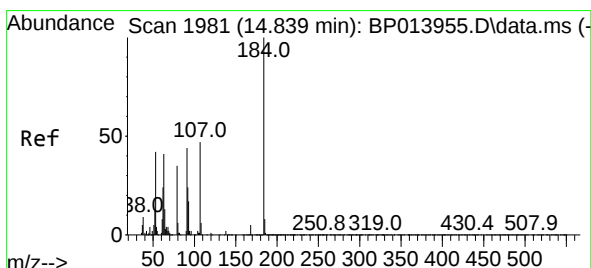
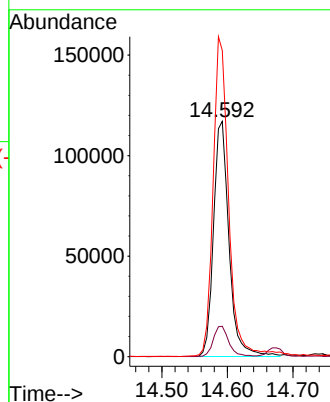
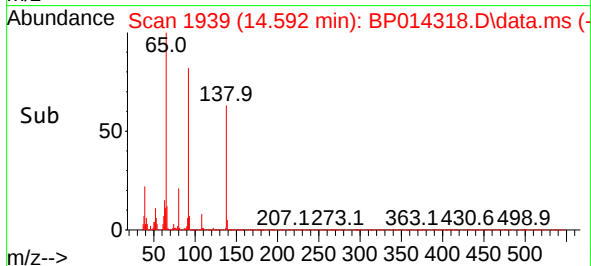
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



Tgt Ion:138 Resp: 192668
Ion Ratio Lower Upper
138 100
108 12.9 9.5 14.3
92 130.1 99.2 148.8

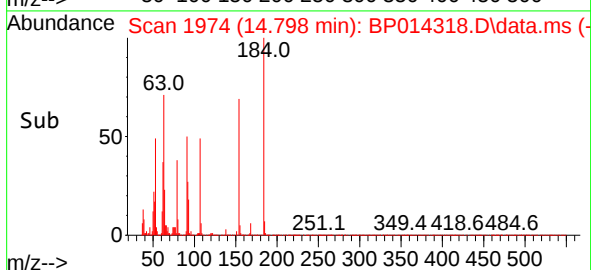
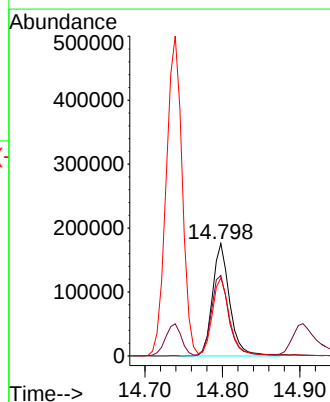
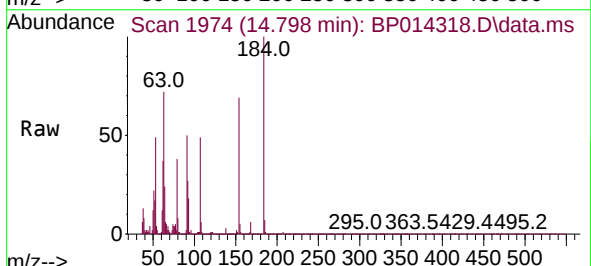
Manual Integrations
APPROVED

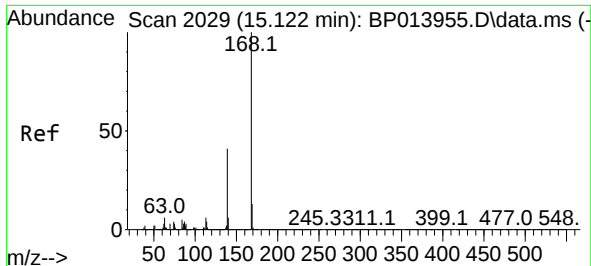
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#54
2,4-Dinitrophenol
Concen: 81.129 ng
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:184 Resp: 269669
Ion Ratio Lower Upper
184 100
63 71.6 52.4 78.6
154 69.5 59.4 89.2





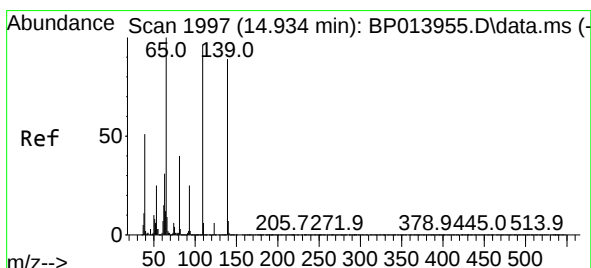
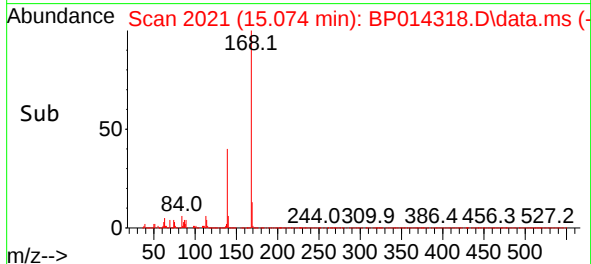
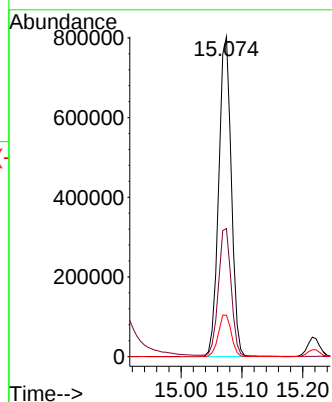
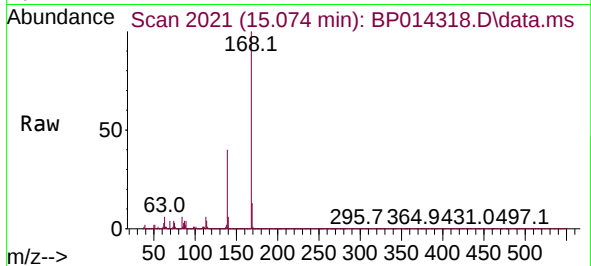
#55
Dibenzenofuran
Concen: 46.228 ng
RT: 15.074 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Instrument :
BNA_P
ClientSampleId :
PB151659BSD

Tgt Ion:168 Resp: 1152912
Ion Ratio Lower Upper
168 100
139 40.0 32.9 49.3
169 13.0 10.6 15.8

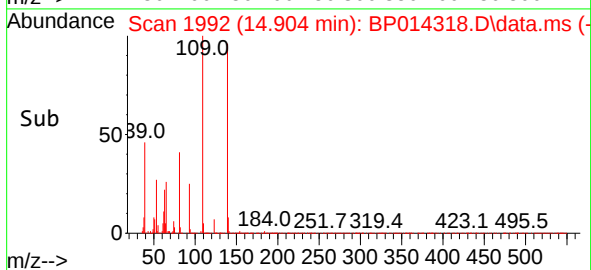
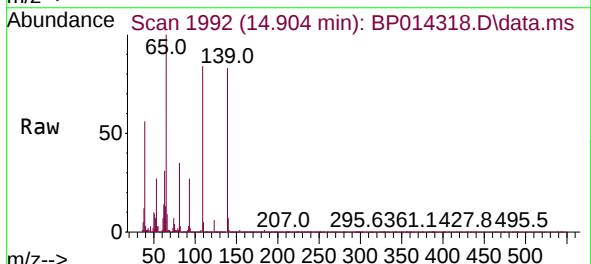
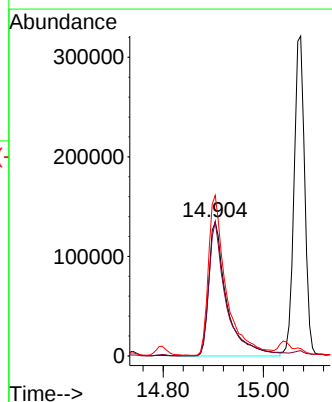
Manual Integrations
APPROVED

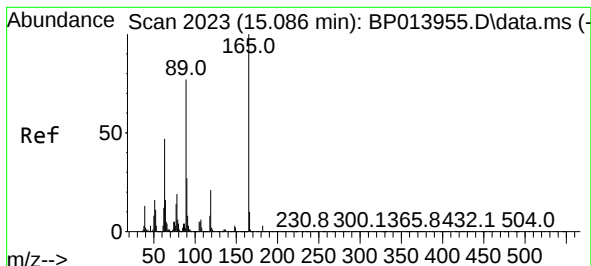
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#56
4-Nitrophenol
Concen: 93.556 ng
RT: 14.904 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

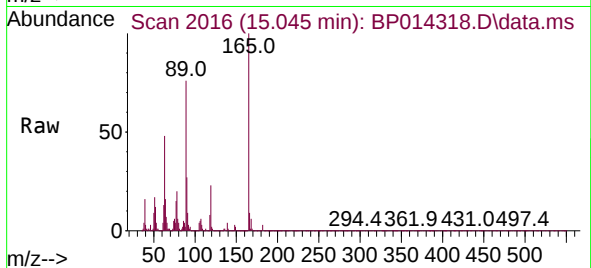
Tgt Ion:139 Resp: 334521
Ion Ratio Lower Upper
139 100
109 100.5 87.0 127.0
65 120.2 92.1 132.1





#57
2,4-Dinitrotoluene
Concen: 48.139 ng
RT: 15.045 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

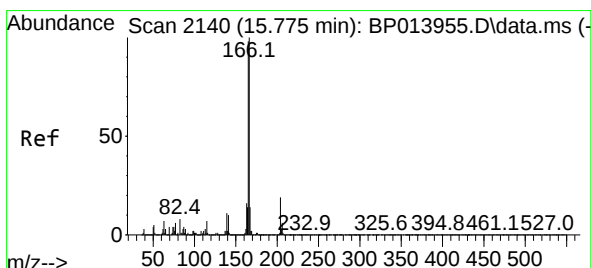
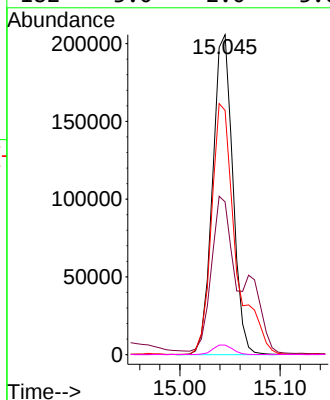
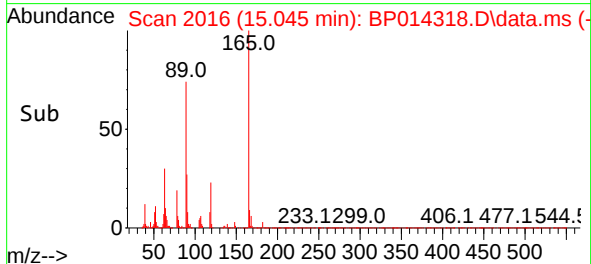
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



Tgt Ion:165 Resp: 288315
Ion Ratio Lower Upper
165 100
63 47.7 37.5 56.3
89 76.3 61.8 92.8
182 3.0 2.0 3.0

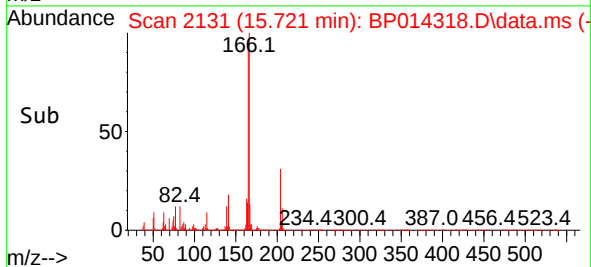
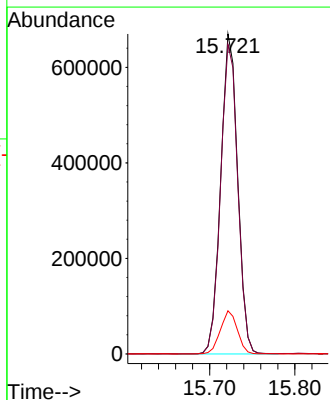
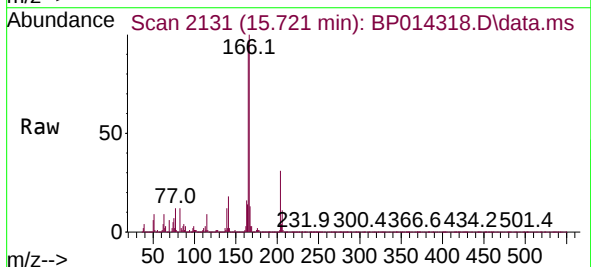
Manual Integrations
APPROVED

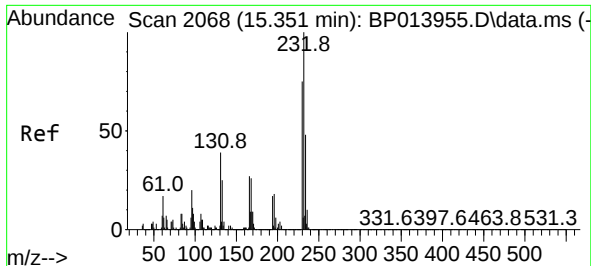
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#58
Fluorene
Concen: 46.731 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

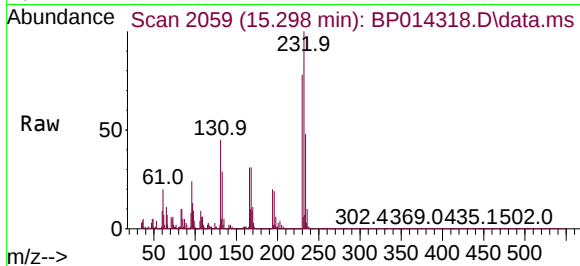
Tgt Ion:166 Resp: 925420
Ion Ratio Lower Upper
166 100
165 96.7 78.1 117.1
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.668 ng
RT: 15.298 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

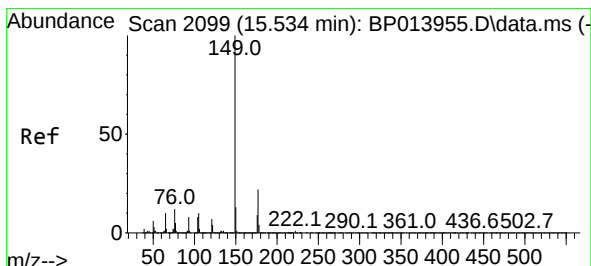
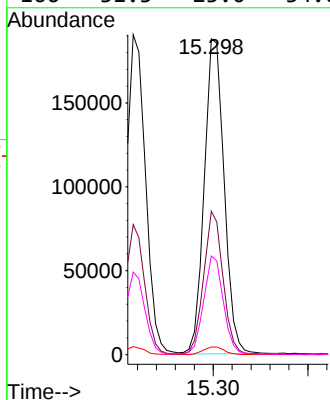
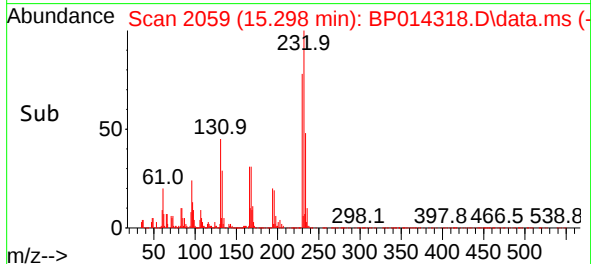
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



Tgt Ion:232 Resp: 274300
Ion Ratio Lower Upper
232 100
131 43.9 32.5 48.7
130 2.5 1.9 2.9
166 31.3 23.0 34.6

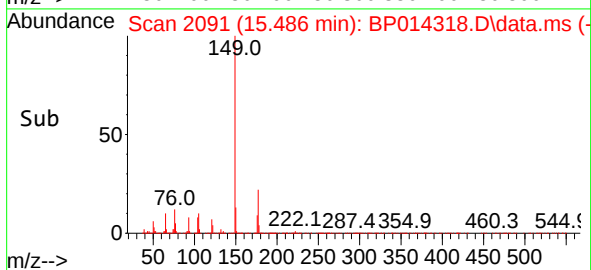
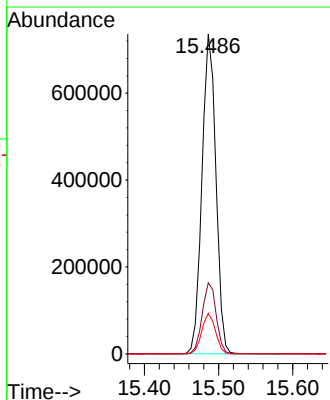
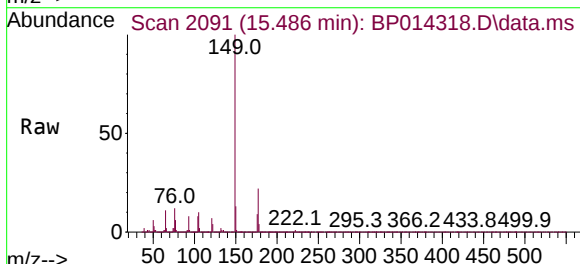
Manual Integrations
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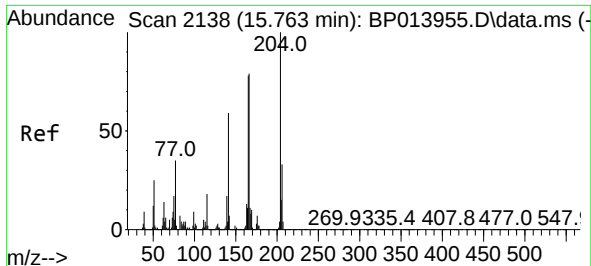
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#60
Diethylphthalate
Concen: 45.683 ng
RT: 15.486 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:149 Resp: 959651
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 12.7 10.3 15.5





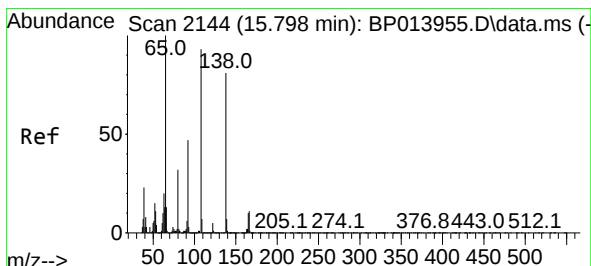
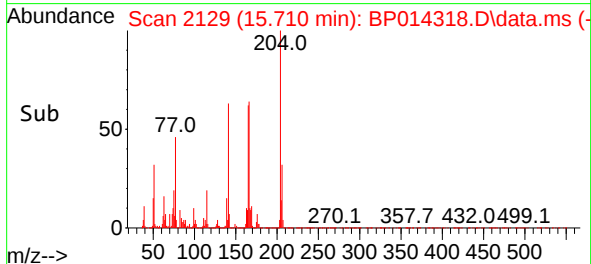
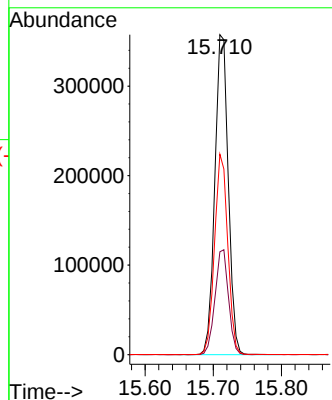
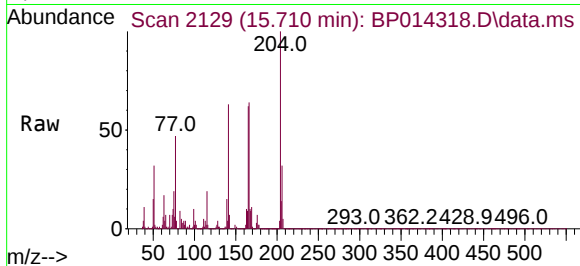
#61
4-Chlorophenyl-phenylether
Concen: 43.451 ng
RT: 15.710 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Instrument :
BNA_P
ClientSampleId :
PB151659BSD

Tgt Ion:204 Resp: 487785
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.4
141 62.6 46.9 70.3

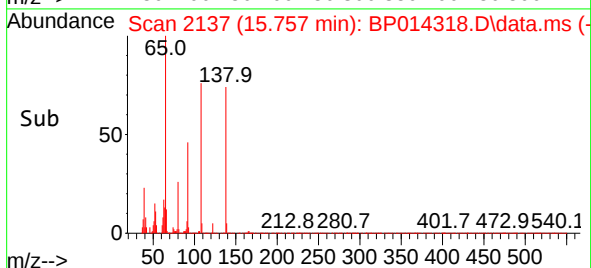
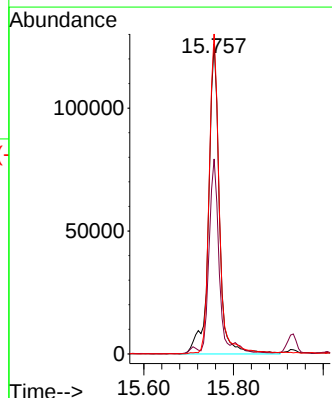
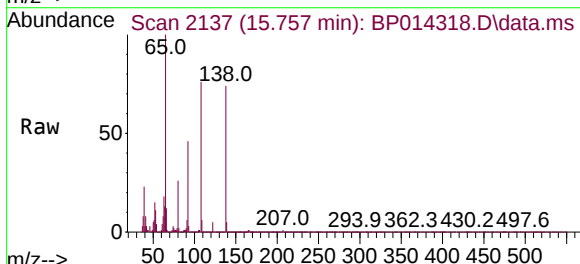
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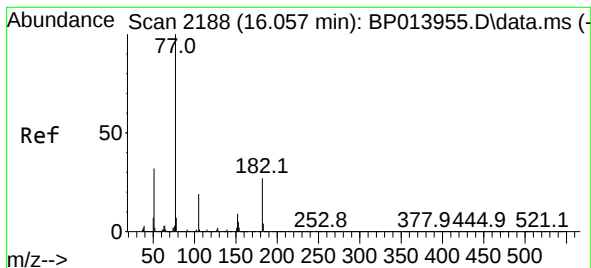
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#62
4-Nitroaniline
Concen: 48.224 ng
RT: 15.757 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:138 Resp: 210847
Ion Ratio Lower Upper
138 100
92 62.9 37.9 77.9
108 103.2 94.9 134.9





#63

Azobenzene

Concen: 52.628 ng

RT: 16.010 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

Tgt Ion: 77 Resp: 1022992

Ion Ratio Lower Upper

77 100

182 23.4 6.9 46.9

105 19.9 0.0 39.4

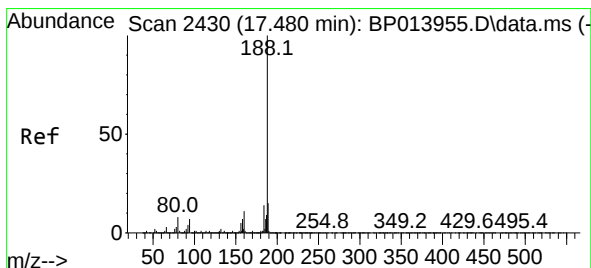
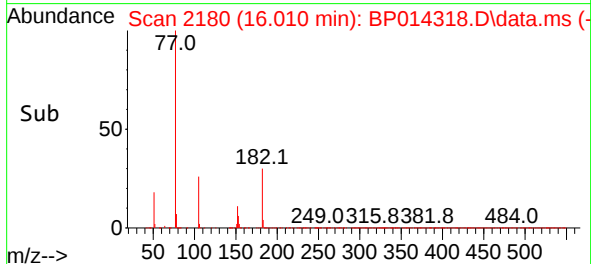
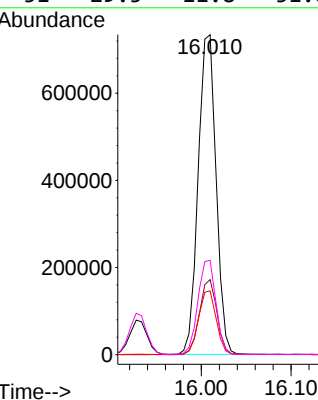
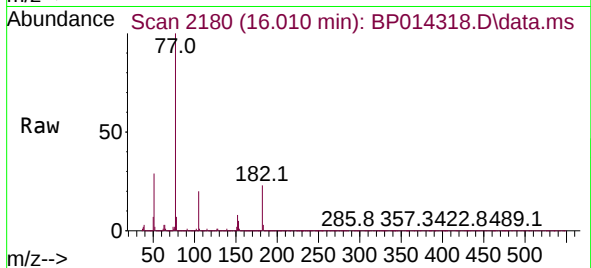
51 29.5 11.8 51.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.433 min Scan# 2422

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

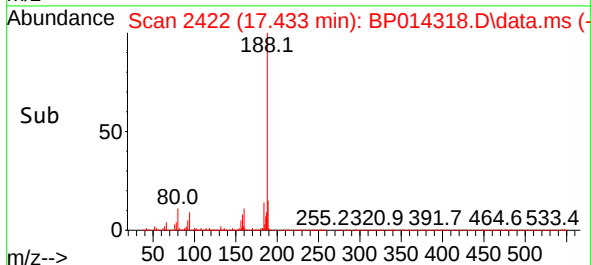
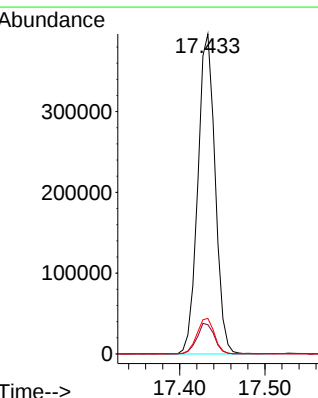
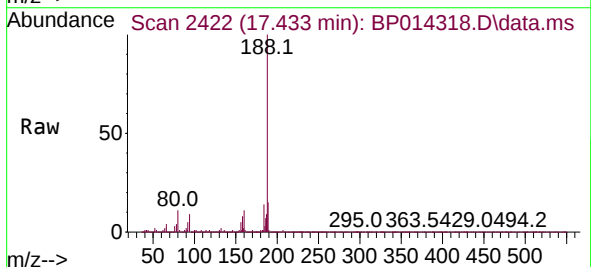
Tgt Ion:188 Resp: 558256

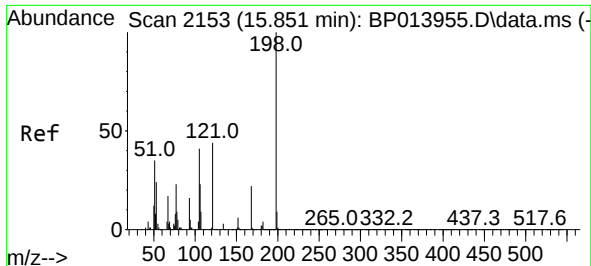
Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.6#

80 11.1 6.6 9.8#





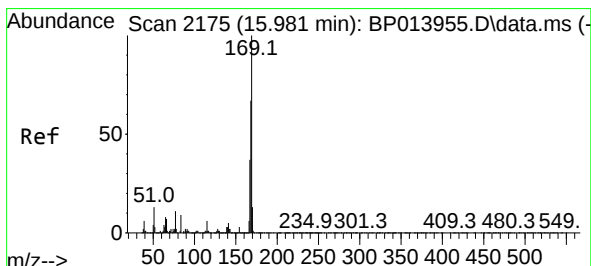
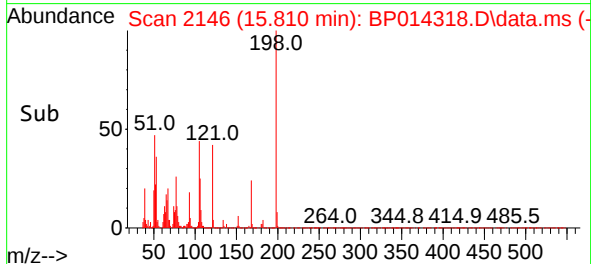
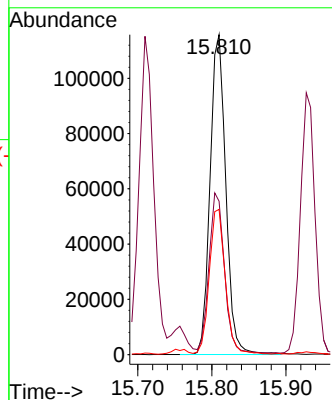
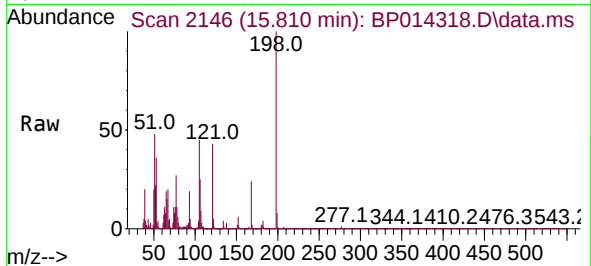
#65
4,6-Dinitro-2-methylphenol
Concen: 41.301 ng
RT: 15.810 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Instrument :
BNA_P
ClientSampleId :
PB151659BSD

Tgt Ion:198 Resp: 170780
Ion Ratio Lower Upper
198 100
51 47.9 22.1 62.1
105 45.4 21.5 61.5

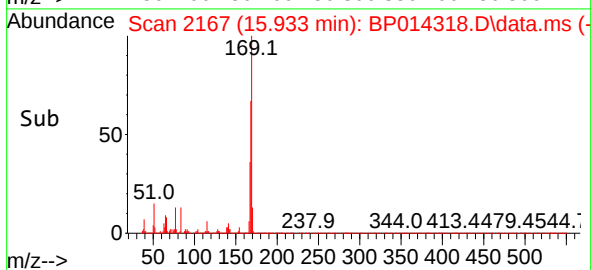
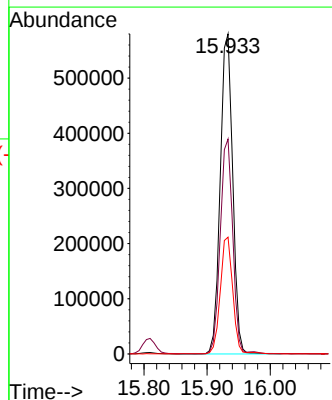
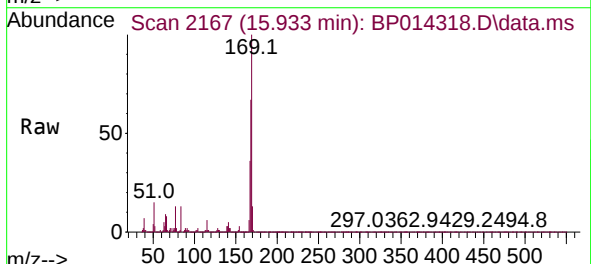
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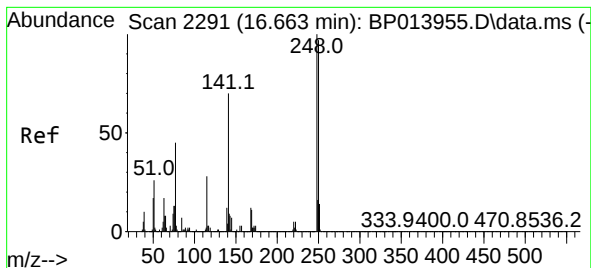
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#66
n-Nitrosodiphenylamine
Concen: 44.930 ng
RT: 15.933 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

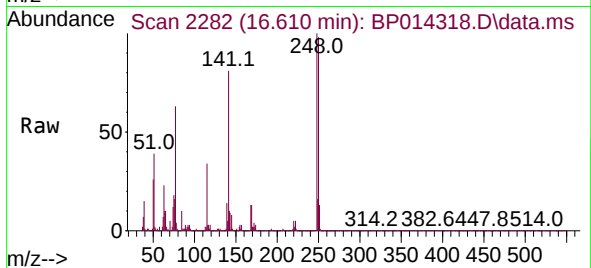
Tgt Ion:169 Resp: 792588
Ion Ratio Lower Upper
169 100
168 67.1 54.0 81.0
167 36.5 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 41.061 ng
RT: 16.610 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

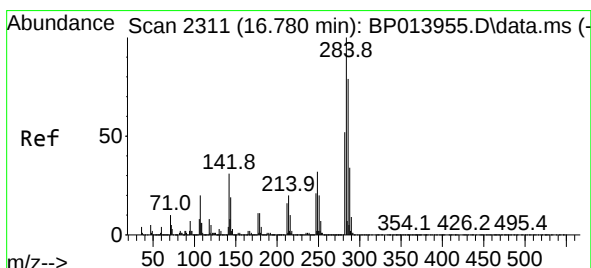
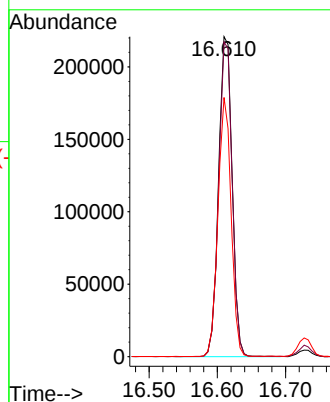
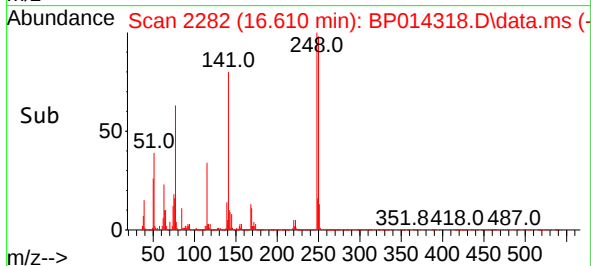
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



Tgt Ion:248 Resp: 303205
Ion Ratio Lower Upper
248 100
250 98.3 77.9 116.9
141 81.0 56.0 84.0

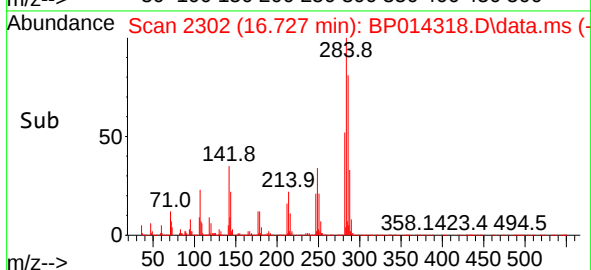
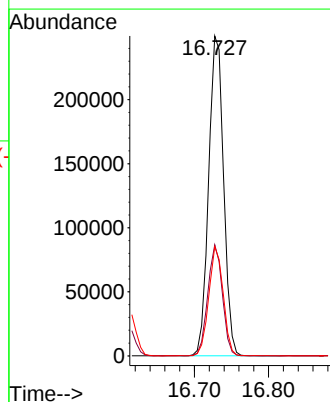
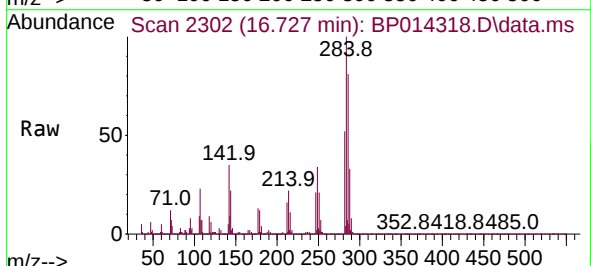
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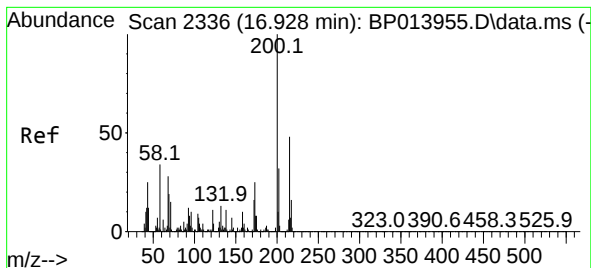
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#68
Hexachlorobenzene
Concen: 44.200 ng
RT: 16.727 min Scan# 2302
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:284 Resp: 349846
Ion Ratio Lower Upper
284 100
142 34.7 24.8 37.2
249 34.1 25.7 38.5





#69

Atrazine

Concen: 47.135 ng

RT: 16.886 min Scan# 2318

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

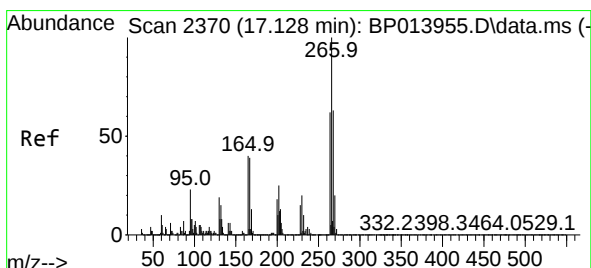
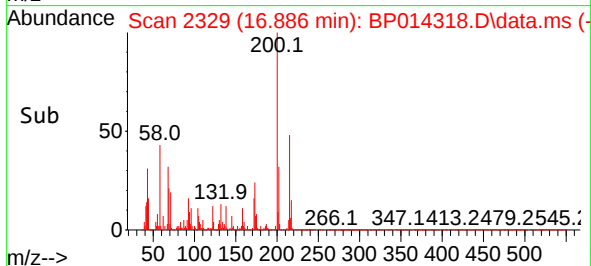
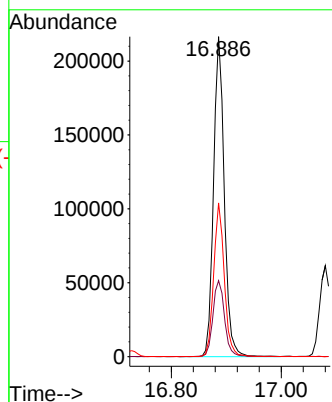
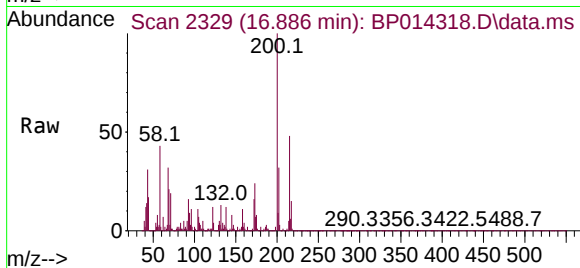
PB151659BSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.7	5.5	45.5
215	48.0	27.9	67.9

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Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#70

Pentachlorophenol

Concen: 76.753 ng

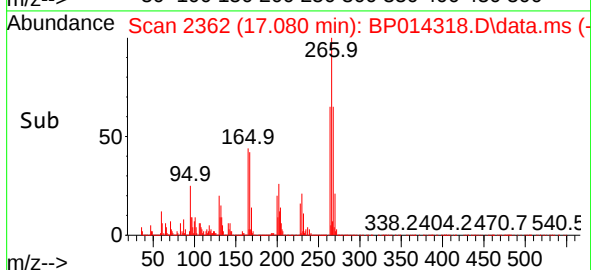
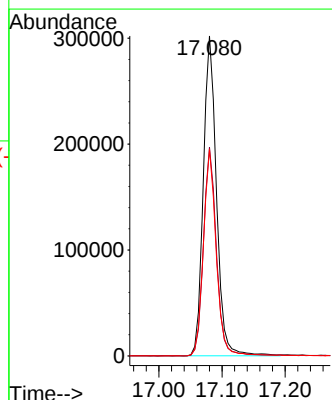
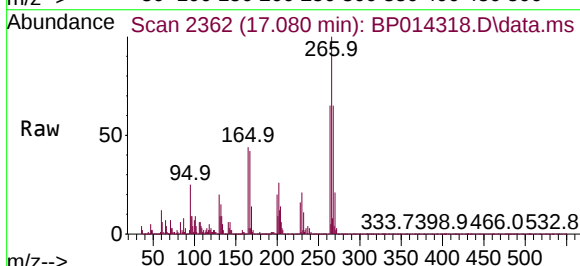
RT: 17.080 min Scan# 2362

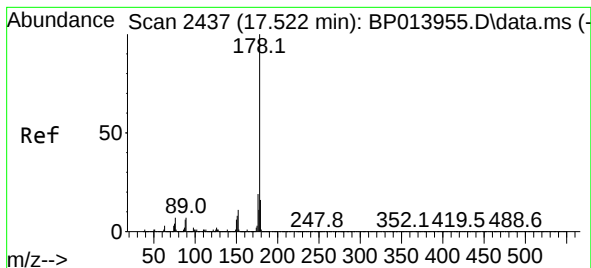
Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	50.4	75.6
264	64.7	49.2	73.8





#71

Phenanthrene

Concen: 45.705 ng

RT: 17.474 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

Tgt Ion:178 Resp: 1425397

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

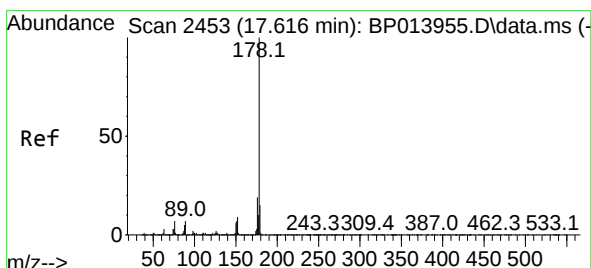
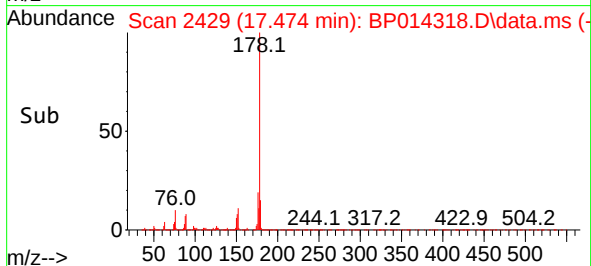
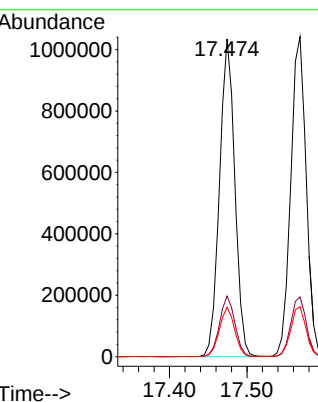
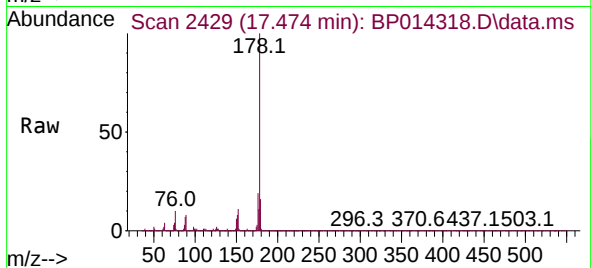
179 15.5 12.6 19.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#72

Anthracene

Concen: 45.439 ng

RT: 17.568 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

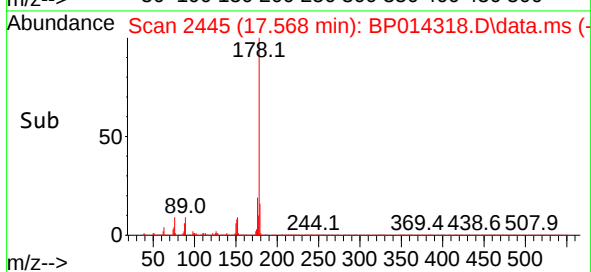
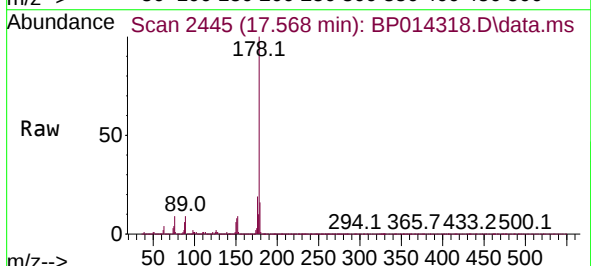
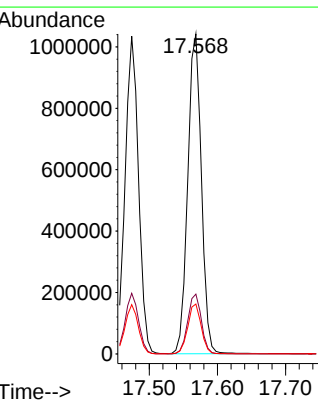
Tgt Ion:178 Resp: 1447976

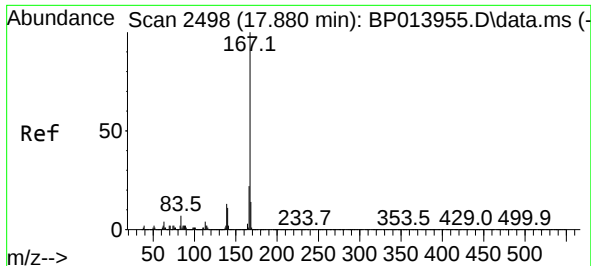
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.6 12.1 18.1





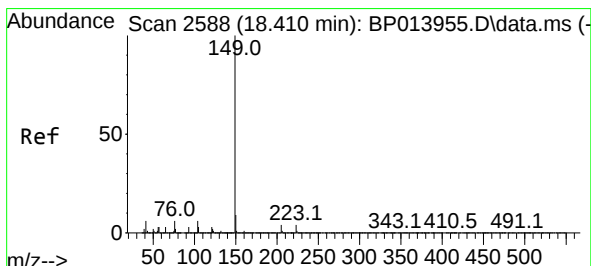
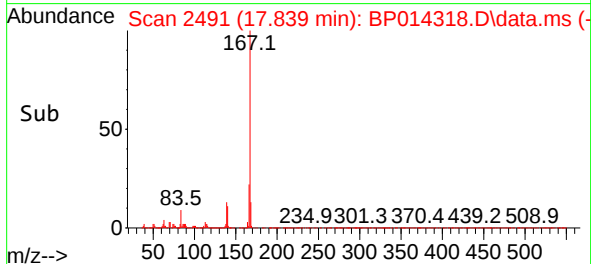
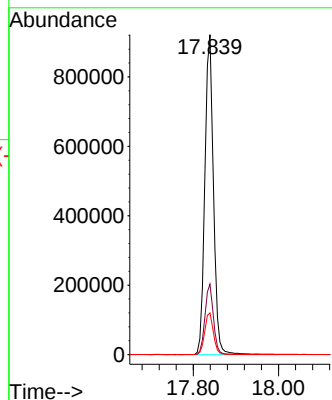
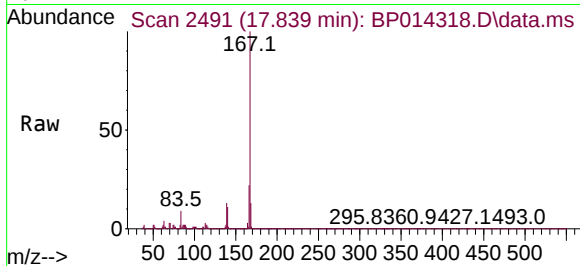
#73
 Carbazole
 Concen: 47.030 ng
 RT: 17.839 min Scan# 2498
 Delta R.T. -0.000 min
 Lab File: BP014318.D
 Acq: 27 Mar 2023 18:24

Instrument :
 BNA_P
 ClientSampleId :
 PB151659BSD

Tgt Ion:167 Resp: 1292759
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.0 10.5 15.7

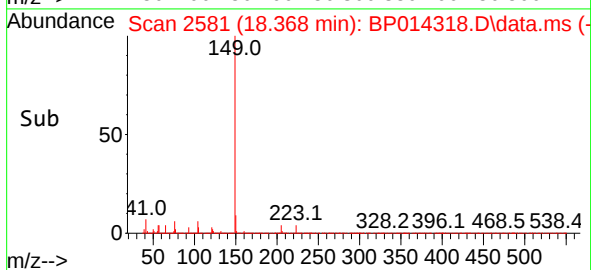
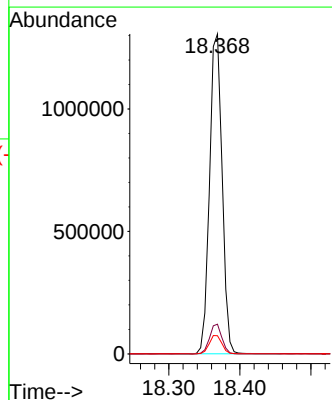
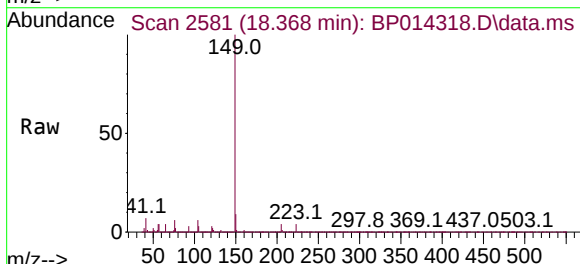
Manual Integrations
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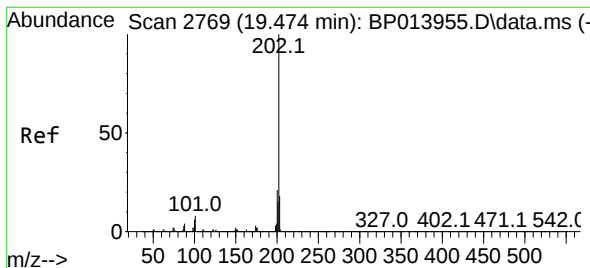
Reviewed By :Christian Giraldo 03/28/2023
 Supervised By :Jagrut Upadhyay 03/28/2023



#74
 Di-n-butylphthalate
 Concen: 46.682 ng
 RT: 18.368 min Scan# 2581
 Delta R.T. -0.000 min
 Lab File: BP014318.D
 Acq: 27 Mar 2023 18:24

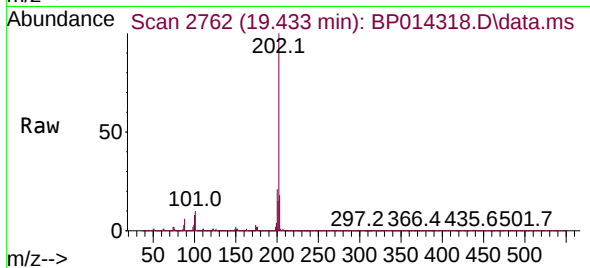
Tgt Ion:149 Resp: 1604371
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.7 4.6 7.0





#75
Fluoranthene
Concen: 44.201 ng
RT: 19.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

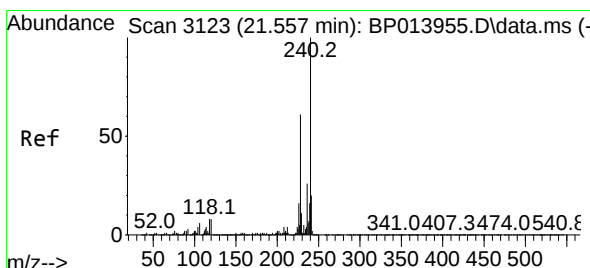
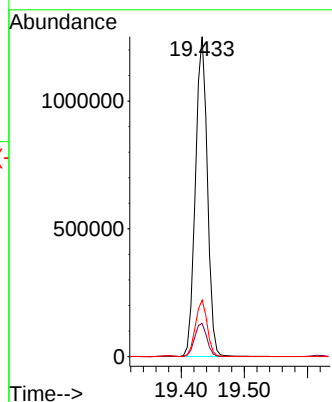
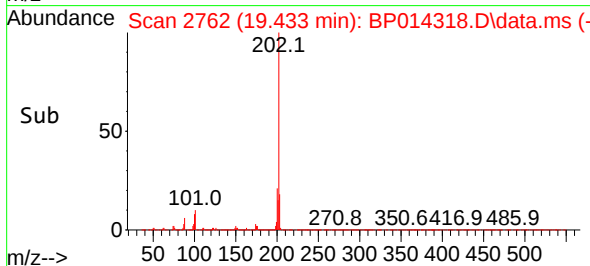
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



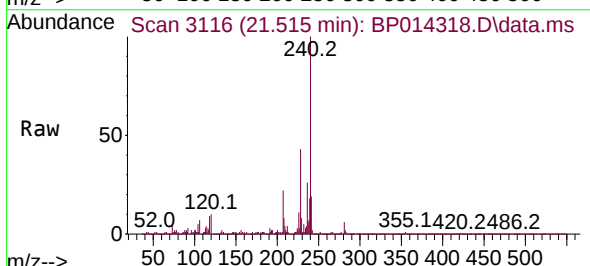
Tgt Ion:202 Resp: 164767
Ion Ratio Lower Upper
202 100
101 10.4 0.0 27.9
203 17.6 0.0 37.7

Manual Integrations
APPROVED

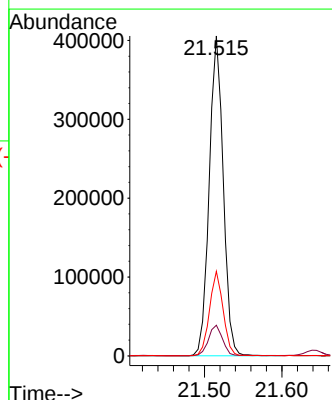
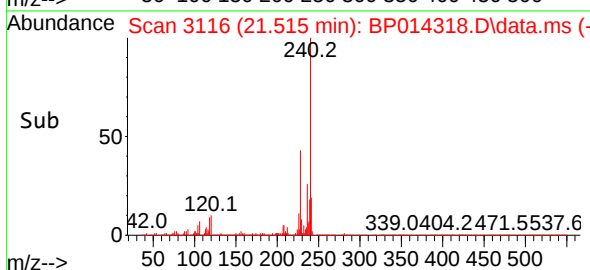
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

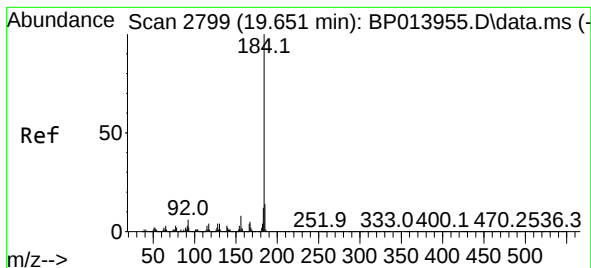


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24



Tgt Ion:240 Resp: 509327
Ion Ratio Lower Upper
240 100
120 9.6 6.4 9.6
236 26.4 21.2 31.8





#77

Benzidine

Concen: 92.958 ng

RT: 19.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

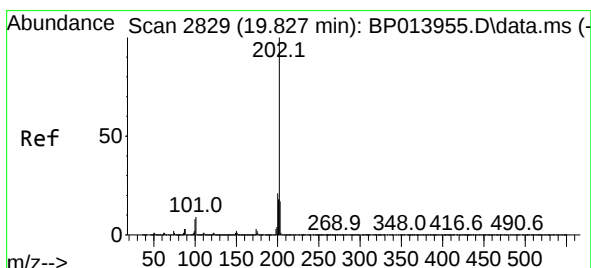
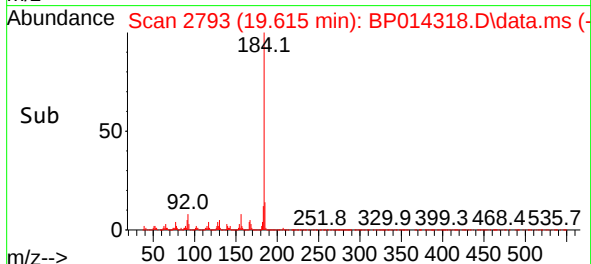
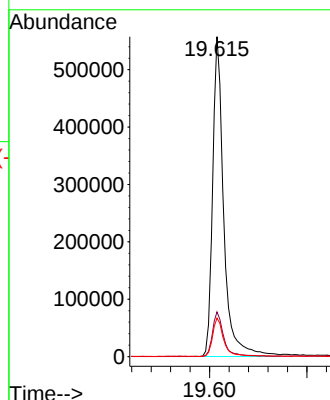
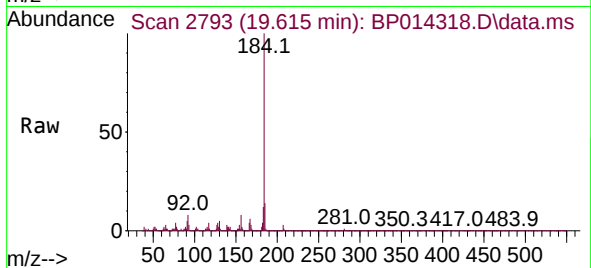
PB151659BSD

Tgt Ion:184 Resp: 889328
 Ion Ratio Lower Upper
 184 100
 185 14.0 11.6 17.4
 183 12.0 9.7 14.5

Manual Integrations

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Reviewed By :Christian Giraldo 03/28/2023
 Supervised By :Jagrut Upadhyay 03/28/2023



#78

Pyrene

Concen: 43.817 ng

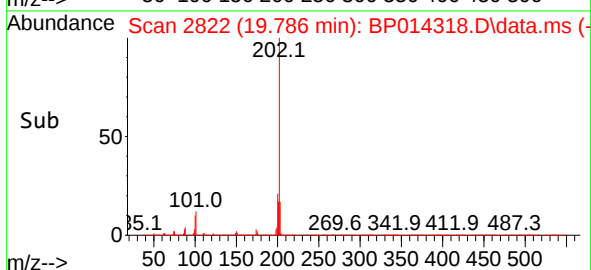
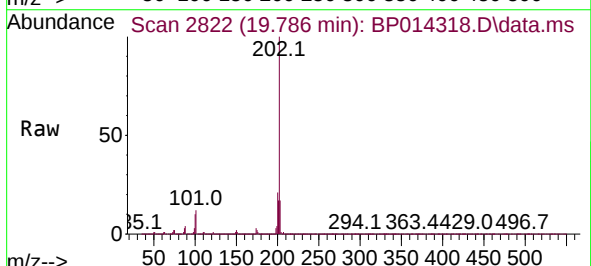
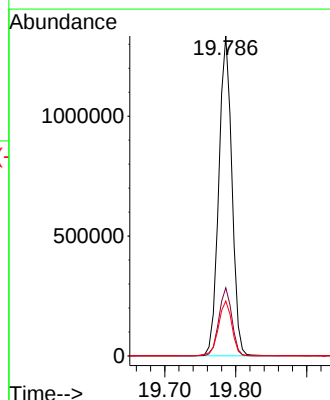
RT: 19.786 min Scan# 2822

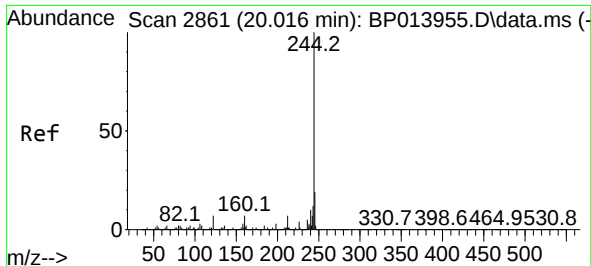
Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Tgt Ion:202 Resp: 1712917
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.9 25.3
 203 17.1 13.9 20.9





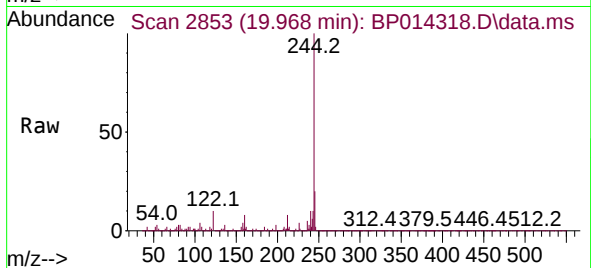
#79
 Terphenyl-d14
 Concen: 63.578 ng
 RT: 19.968 min Scan# 2861
 Delta R.T. -0.006 min
 Lab File: BP014318.D
 Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

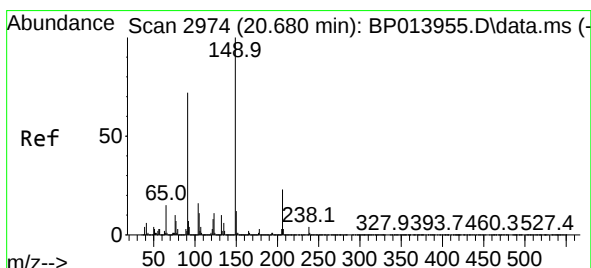
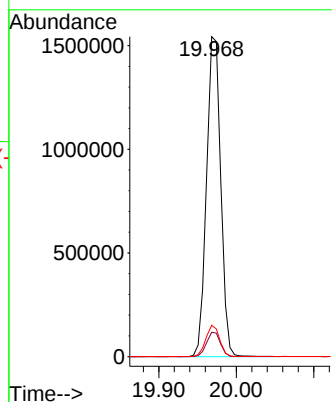
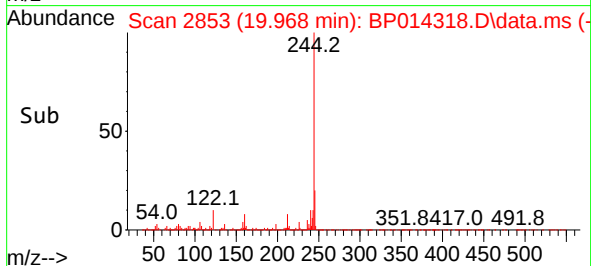


Tgt Ion:244 Resp: 1963791
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 9.8 5.8 8.6

Manual Integrations

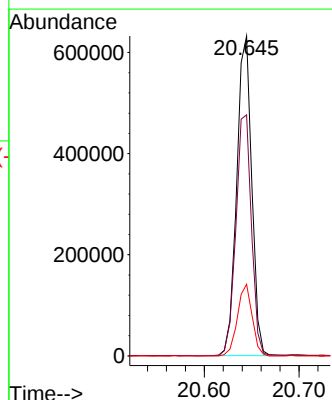
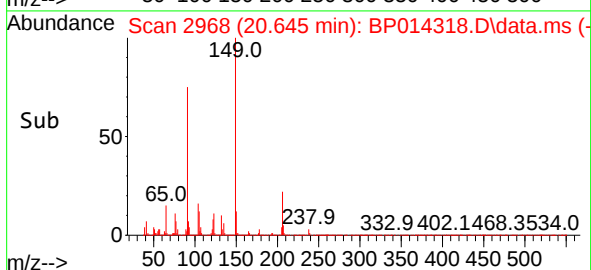
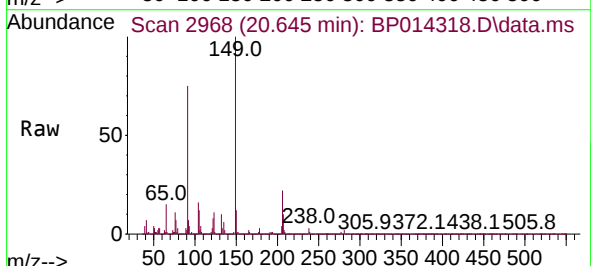
APPROVED

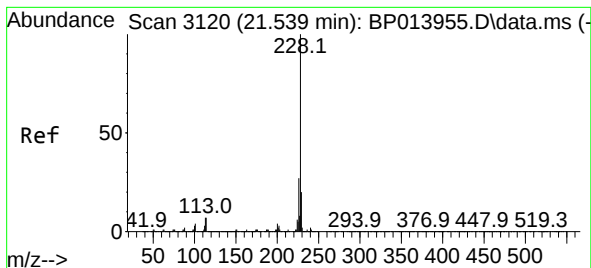
Reviewed By :Christian Giraldo 03/28/2023
 Supervised By :Jagrut Upadhyay 03/28/2023



#80
 Butylbenzylphthalate
 Concen: 47.063 ng
 RT: 20.645 min Scan# 2968
 Delta R.T. -0.000 min
 Lab File: BP014318.D
 Acq: 27 Mar 2023 18:24

Tgt Ion:149 Resp: 697503
 Ion Ratio Lower Upper
 149 100
 91 75.3 58.0 87.0
 206 22.4 18.7 28.1





#81

Benzo(a)anthracene

Concen: 44.477 ng

RT: 21.498 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

Tgt Ion:228 Resp: 1662139

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

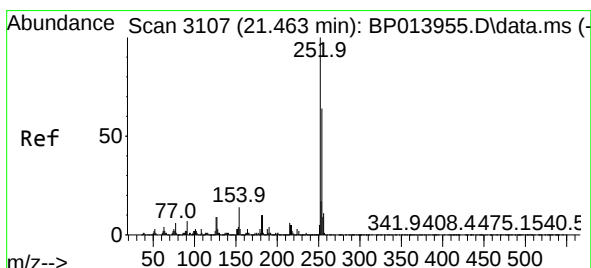
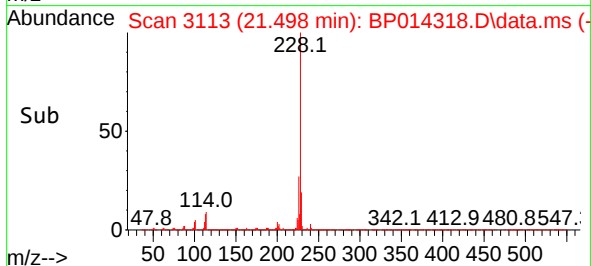
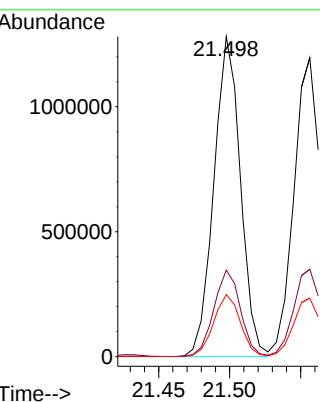
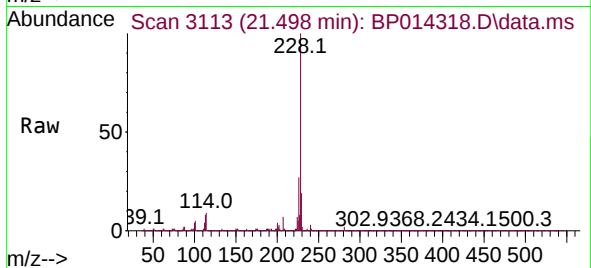
229 19.4 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#82

3,3'-Dichlorobenzidine

Concen: 45.764 ng

RT: 21.433 min Scan# 3102

Delta R.T. 0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

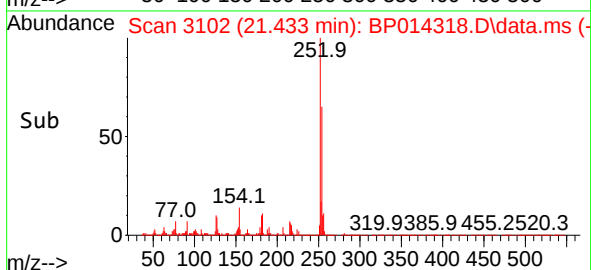
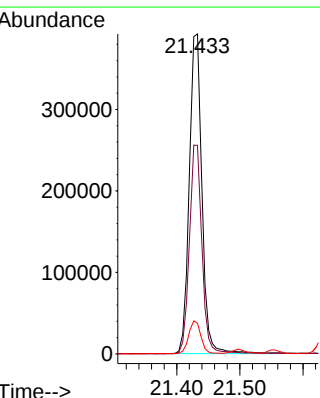
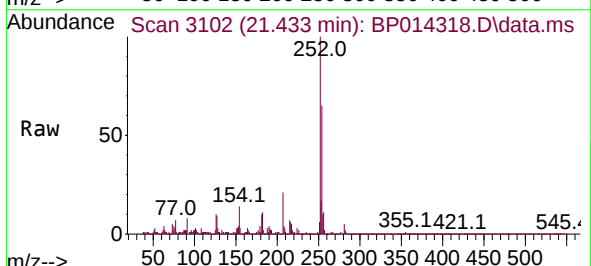
Tgt Ion:252 Resp: 547236

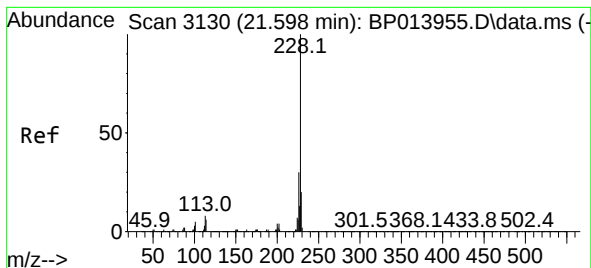
Ion Ratio Lower Upper

252 100

254 65.2 51.0 76.6

126 9.6 7.0 10.6





#83

Chrysene

Concen: 44.423 ng

RT: 21.556 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

Tgt Ion:228 Resp: 1572179

Ion Ratio Lower Upper

228 100

226 29.2 24.2 36.4

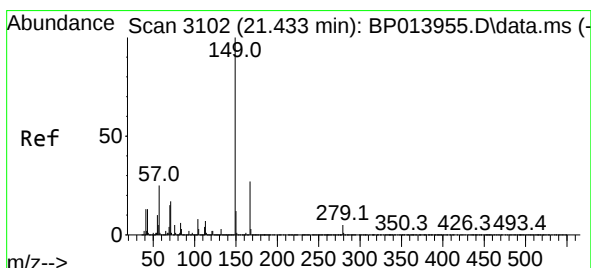
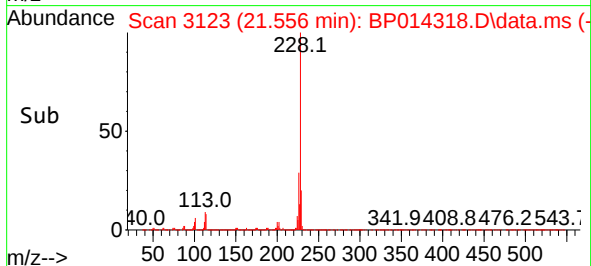
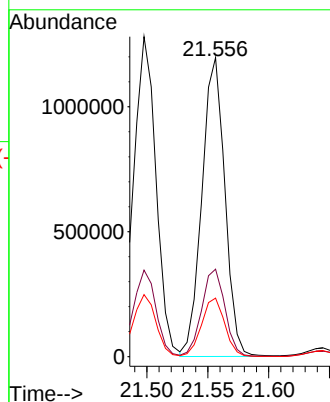
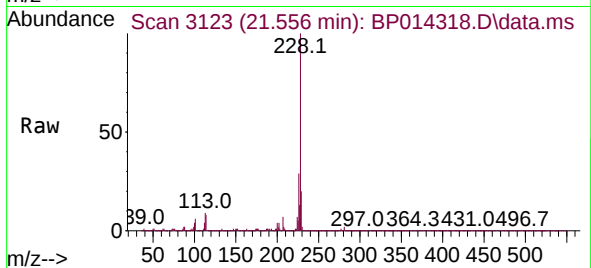
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.236 ng

RT: 21.398 min Scan# 3096

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

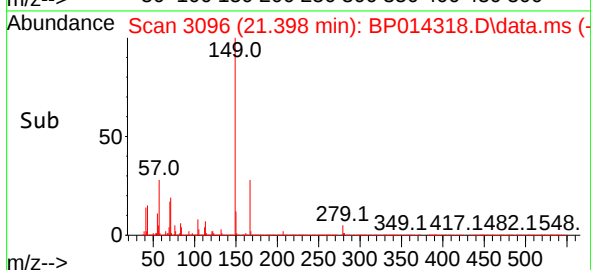
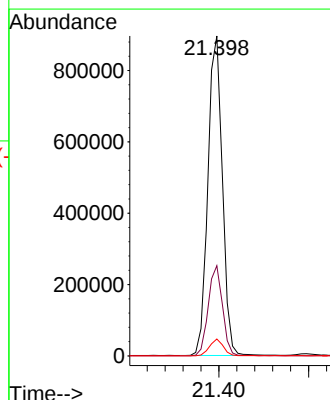
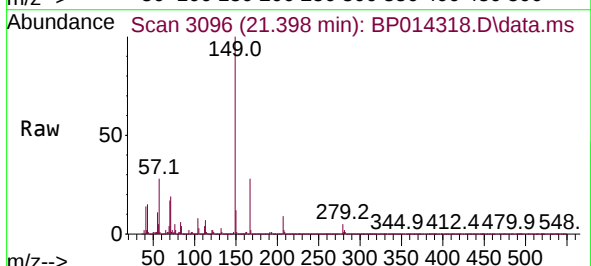
Tgt Ion:149 Resp: 1005278

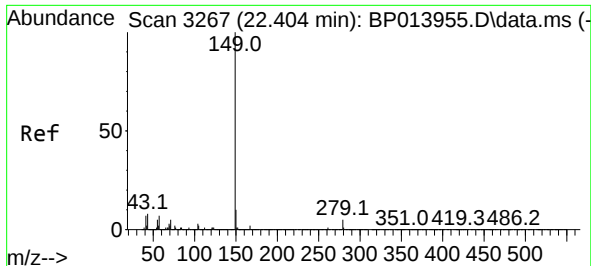
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.6

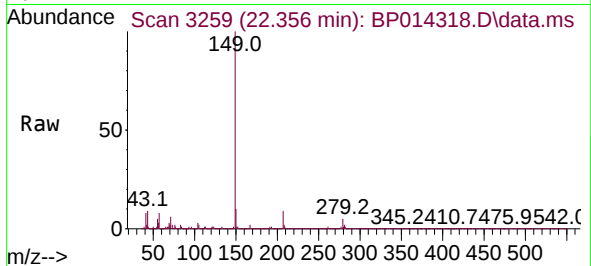
279 5.3 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 47.847 ng
RT: 22.356 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

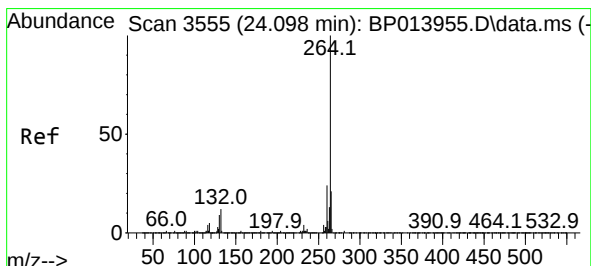
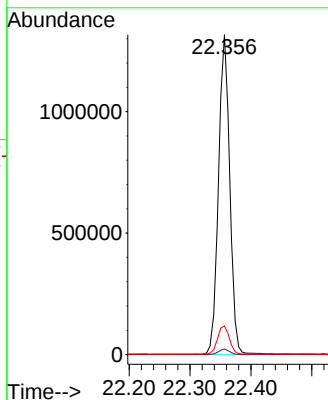
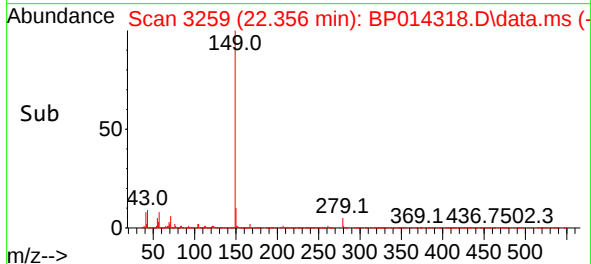
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



Tgt Ion:149 Resp: 1688712
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.3 6.4 9.6

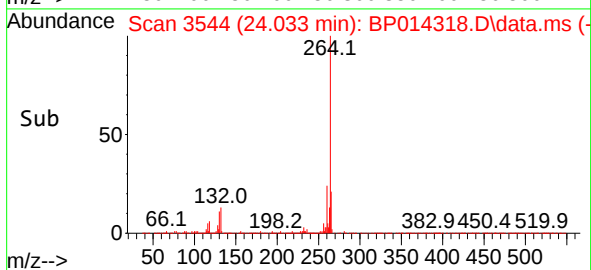
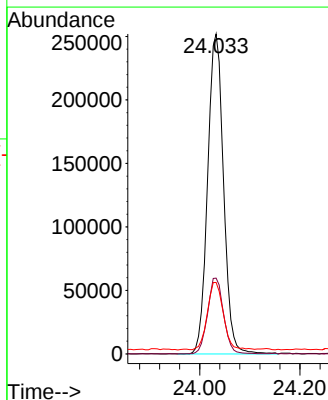
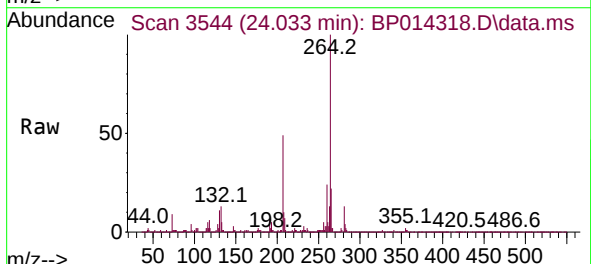
Manual Integrations
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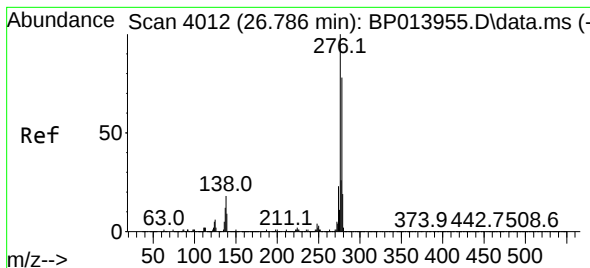
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.033 min Scan# 3544
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:264 Resp: 554341
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 22.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.770 ng

RT: 26.680 min Scan# 3994

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

Tgt Ion:276 Resp: 2003250

Ion Ratio Lower Upper

276 100

138 19.8 13.8 20.8

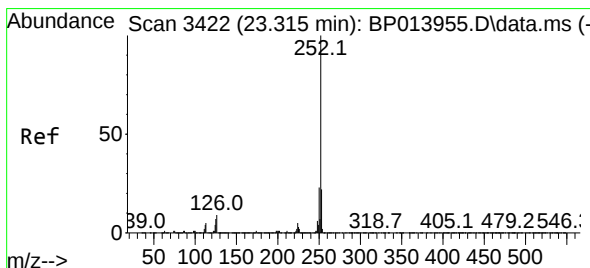
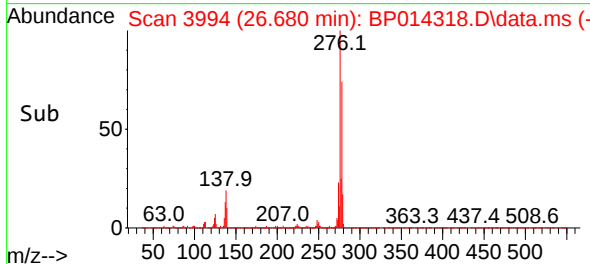
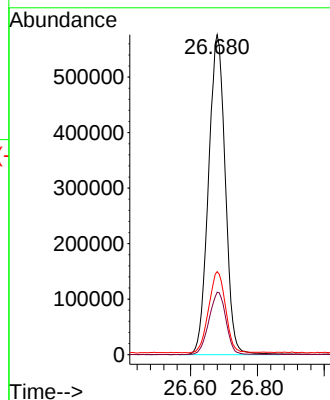
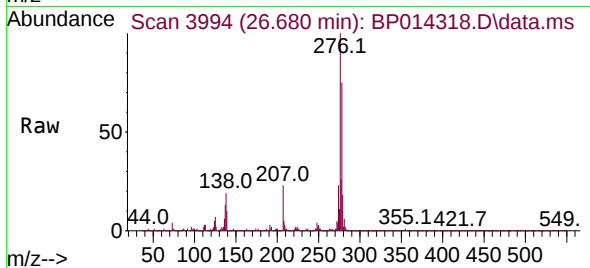
277 25.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#88

Benzo(b)fluoranthene

Concen: 46.725 ng

RT: 23.262 min Scan# 3413

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

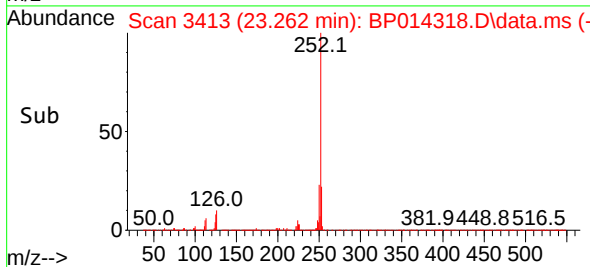
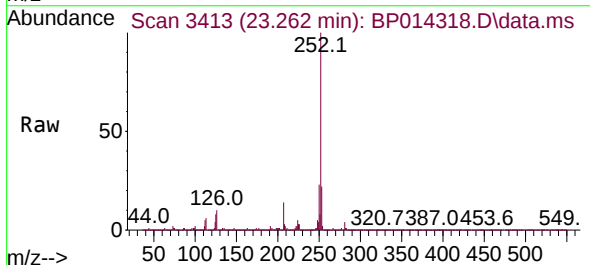
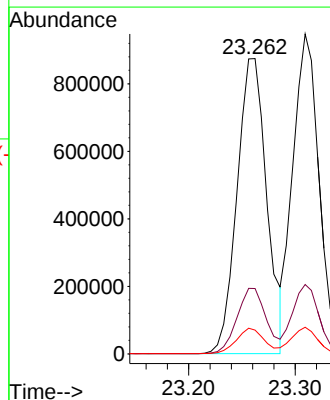
Tgt Ion:252 Resp: 1696055

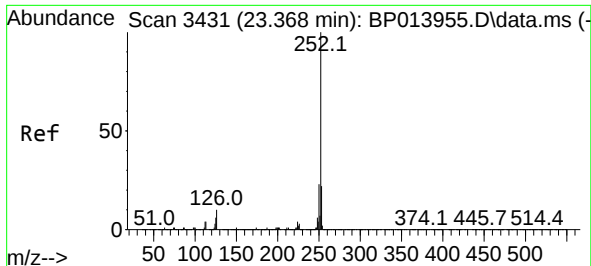
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

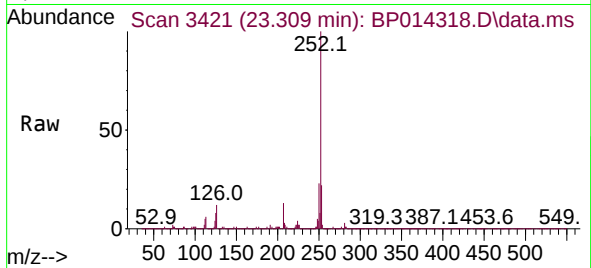
125 8.0 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 45.175 ng
RT: 23.309 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

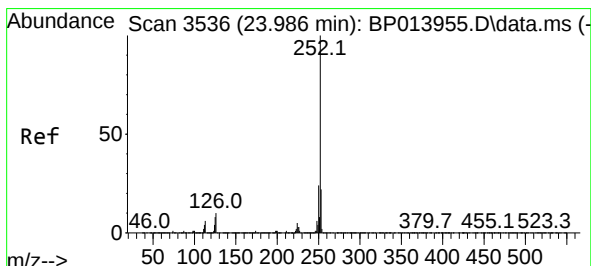
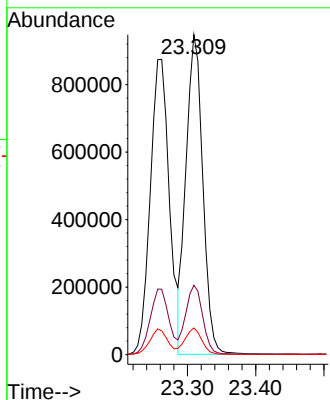
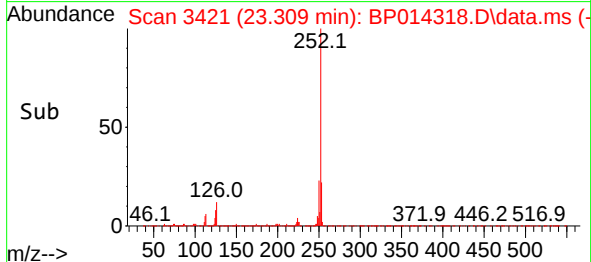
Instrument :
BNA_P
ClientSampleId :
PB151659BSD



Tgt Ion:252 Resp: 1625795
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 8.3 5.4 8.0

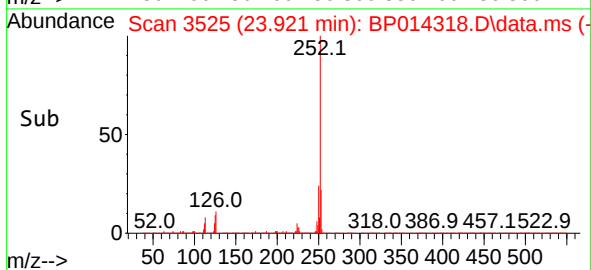
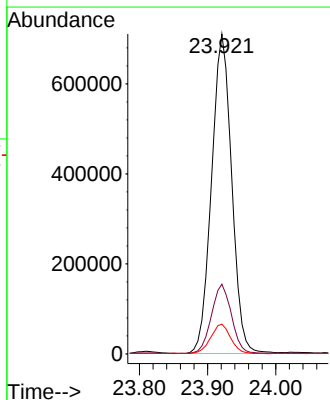
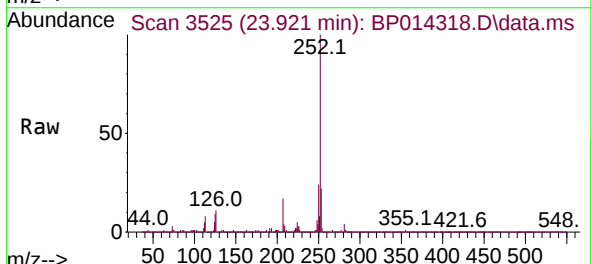
Manual Integrations
APPROVED

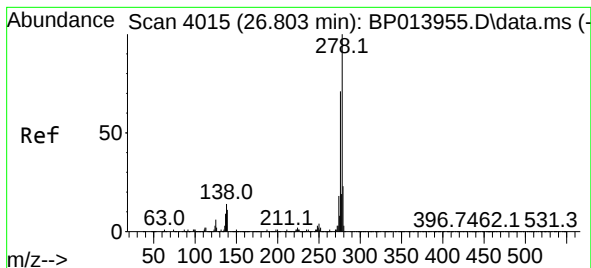
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#90
Benzo(a)pyrene
Concen: 41.903 ng
RT: 23.921 min Scan# 3525
Delta R.T. -0.000 min
Lab File: BP014318.D
Acq: 27 Mar 2023 18:24

Tgt Ion:252 Resp: 1450801
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.3 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 47.020 ng

RT: 26.697 min Scan# 3997

Delta R.T. -0.000 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Instrument :

BNA_P

ClientSampleId :

PB151659BSD

Tgt Ion:278 Resp: 1674324

Ion Ratio Lower Upper

278 100

139 12.4 8.7 13.1

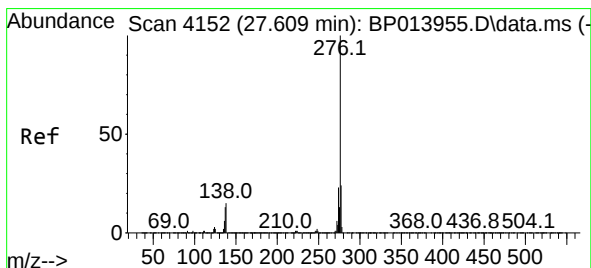
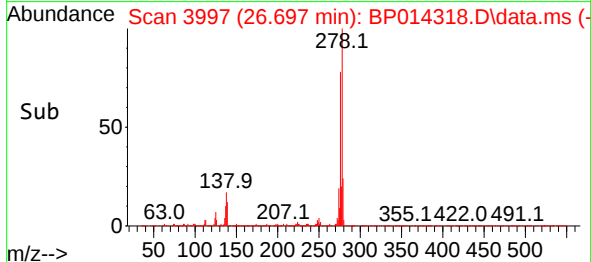
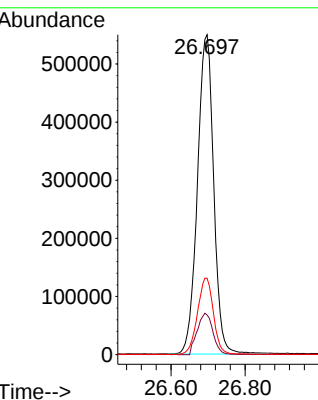
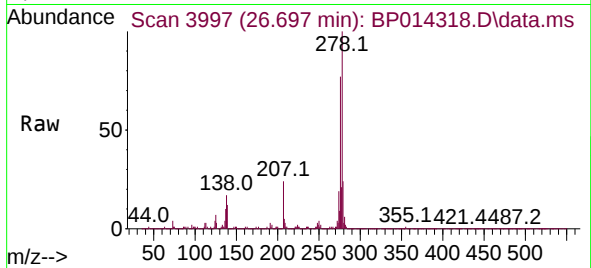
279 23.9 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#92

Benzo(g,h,i)perylene

Concen: 45.995 ng

RT: 27.497 min Scan# 4133

Delta R.T. -0.006 min

Lab File: BP014318.D

Acq: 27 Mar 2023 18:24

Tgt Ion:276 Resp: 1623126

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 16.8 12.2 18.4

