

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
 Data File : BP011791.D
 Acq On : 23 Sep 2022 19:54
 Operator : CG/JU
 Sample : N4732-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/26/2022
 Supervised By : Jagrut Upadhyay 09/26/2022

Quant Time: Sep 24 01:38:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 02:45:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	449882	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1814632	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	950361	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	1703467	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1172493	20.000	ng	0.00
86) Perylene-d12	23.845	264	923150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4139502	161.446	ng	0.00
7) Phenol-d6	7.087	99	5068533	133.693	ng	0.00
23) Nitrobenzene-d5	9.087	82	3470801	100.110	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1113074	173.939	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	6452012	107.361	ng	0.00
79) Terphenyl-d14	19.869	244	6952524	136.344	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	477950	44.335	ng	# 52
3) Pyridine	3.781	79	1071938	32.219	ng	92
4) n-Nitrosodimethylamine	3.681	42	587858	39.955	ng	# 86
6) Aniline	7.246	93	1567101	33.229	ng	99
8) 2-Chlorophenol	7.481	128	1645758	52.758	ng	96
9) Benzaldehyde	7.052	77	870960m	36.720	ng	
10) Phenol	7.111	94	1892261	44.310	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	1706594	50.485	ng	98
12) 1,3-Dichlorobenzene	7.805	146	1620624	49.440	ng	99
13) 1,4-Dichlorobenzene	7.952	146	1655287	49.279	ng	100
14) 1,2-Dichlorobenzene	8.269	146	1606515	48.887	ng	100
15) Benzyl Alcohol	8.163	79	1331517m	47.536	ng	
16) 2,2'-oxybis(1-Chloropr...	8.452	45	2478210	44.383	ng	98
17) 2-Methylphenol	8.363	107	1336915	47.763	ng	98
18) Hexachloroethane	8.999	117	626722	48.734	ng	98
19) n-Nitroso-di-n-propyla...	8.734	70	1213098	43.525	ng	96
20) 3+4-Methylphenols	8.693	107	1778153	45.245	ng	99
22) Acetophenone	8.746	105	2433778	53.393	ng	# 98
24) Nitrobenzene	9.128	77	1814450	50.652	ng	97
25) Isophorone	9.657	82	3372220	51.847	ng	99
26) 2-Nitrophenol	9.840	139	784712	53.809	ng	97
27) 2,4-Dimethylphenol	9.899	122	1450140	63.128	ng	99
28) bis(2-Chloroethoxy)met...	10.140	93	2142895	56.534	ng	99
29) 2,4-Dichlorophenol	10.375	162	1391269	56.605	ng	99
30) 1,2,4-Trichlorobenzene	10.587	180	1355929	52.981	ng	99
31) Naphthalene	10.781	128	4789606	49.786	ng	100
32) Benzoic acid	10.057	122	879753	45.188	ng	98
33) 4-Chloroaniline	10.893	127	840557	20.956	ng	99
34) Hexachlorobutadiene	11.063	225	710224	55.021	ng	96
35) Caprolactam	11.698	113	377734	37.815	ng	91
36) 4-Chloro-3-methylphenol	12.016	107	1490192	49.956	ng	98
37) 2-Methylnaphthalene	12.387	142	3236980	48.722	ng	99
38) 1-Methylnaphthalene	12.604	142	3078141	47.049	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	1383945	64.616	ng	99
41) Hexachlorocyclopentadiene	12.734	237	1746442	166.264	ng	98
43) 2,4,6-Trichlorophenol	12.993	196	943377	60.848	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	1030583	57.833	ng	99
46) 1,1'-Biphenyl	13.398	154	4042466	58.545	ng	99
47) 2-Chloronaphthalene	13.440	162	2991779	55.860	ng	99
48) 2-Nitroaniline	13.645	65	988972	51.791	ng	92
49) Acenaphthylene	14.281	152	4803560	54.034	ng	100
50) Dimethylphthalate	14.022	163	3559051	51.076	ng	100
51) 2,6-Dinitrotoluene	14.140	165	772848	53.719	ng	99
52) Acenaphthene	14.628	154	2866387	52.573	ng	100
53) 3-Nitroaniline	14.469	138	703678	39.935	ng	98
54) 2,4-Dinitrophenol	14.675	184	812497	104.666	ng	94
55) Dibenzofuran	14.957	168	4340976	51.946	ng	100
56) 4-Nitrophenol	14.775	139	1374543	93.935	ng	97
57) 2,4-Dinitrotoluene	14.928	165	1022627	47.862	ng	94
58) Fluorene	15.610	166	3540350	49.936	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.187	232	756779m	52.014	ng	
60) Diethylphthalate	15.387	149	3624917	49.822	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	1604498	54.130	ng	100
62) 4-Nitroaniline	15.634	138	849212	41.557	ng	98
63) Azobenzene	15.898	77	3859724	48.448	ng	98
65) 4,6-Dinitro-2-methylph...	15.687	198	438580	50.473	ng	98
66) n-Nitrosodiphenylamine	15.822	169	2952207	58.163	ng	98
67) 4-Bromophenyl-phenylether	16.504	248	850004	60.846	ng	96
68) Hexachlorobenzene	16.616	284	871476	58.712	ng	97
69) Atrazine	16.781	200	897322	61.049	ng	100
70) Pentachlorophenol	16.963	266	1127067	104.143	ng	98
71) Phenanthrene	17.357	178	5017161	52.220	ng	100
72) Anthracene	17.451	178	5082464	55.308	ng	100
73) Carbazole	17.722	167	4716934	52.411	ng	100
74) Di-n-butylphthalate	18.269	149	5882994	54.268	ng	100
75) Fluoranthene	19.322	202	5119784	49.017	ng	99
77) Benzidine	19.504	184	1291964	56.775	ng	99
78) Pyrene	19.675	202	5218673	66.610	ng	99
80) Butylbenzylphthalate	20.545	149	2195361	57.071	ng	97
81) Benzo(a)anthracene	21.386	228	4223975	54.601	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	1137267	50.408	ng	99
83) Chrysene	21.439	228	3899282	53.195	ng	99
84) Bis(2-ethylhexyl)phtha...	21.304	149	3254008	57.681	ng	98
85) Di-n-octyl phthalate	22.245	149	4897600	54.787	ng	97
87) Indeno(1,2,3-cd)pyrene	26.404	276	3572631	49.459	ng	100
88) Benzo(b)fluoranthene	23.098	252	3573124	62.341	ng	99
89) Benzo(k)fluoranthene	23.145	252	3539476	60.268	ng	99
90) Benzo(a)pyrene	23.739	252	3004863	61.965	ng	99
91) Dibenzo(a,h)anthracene	26.421	278	3111172	51.876	ng	98
92) Benzo(g,h,i)perylene	27.186	276	3051314	52.559	ng	99

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

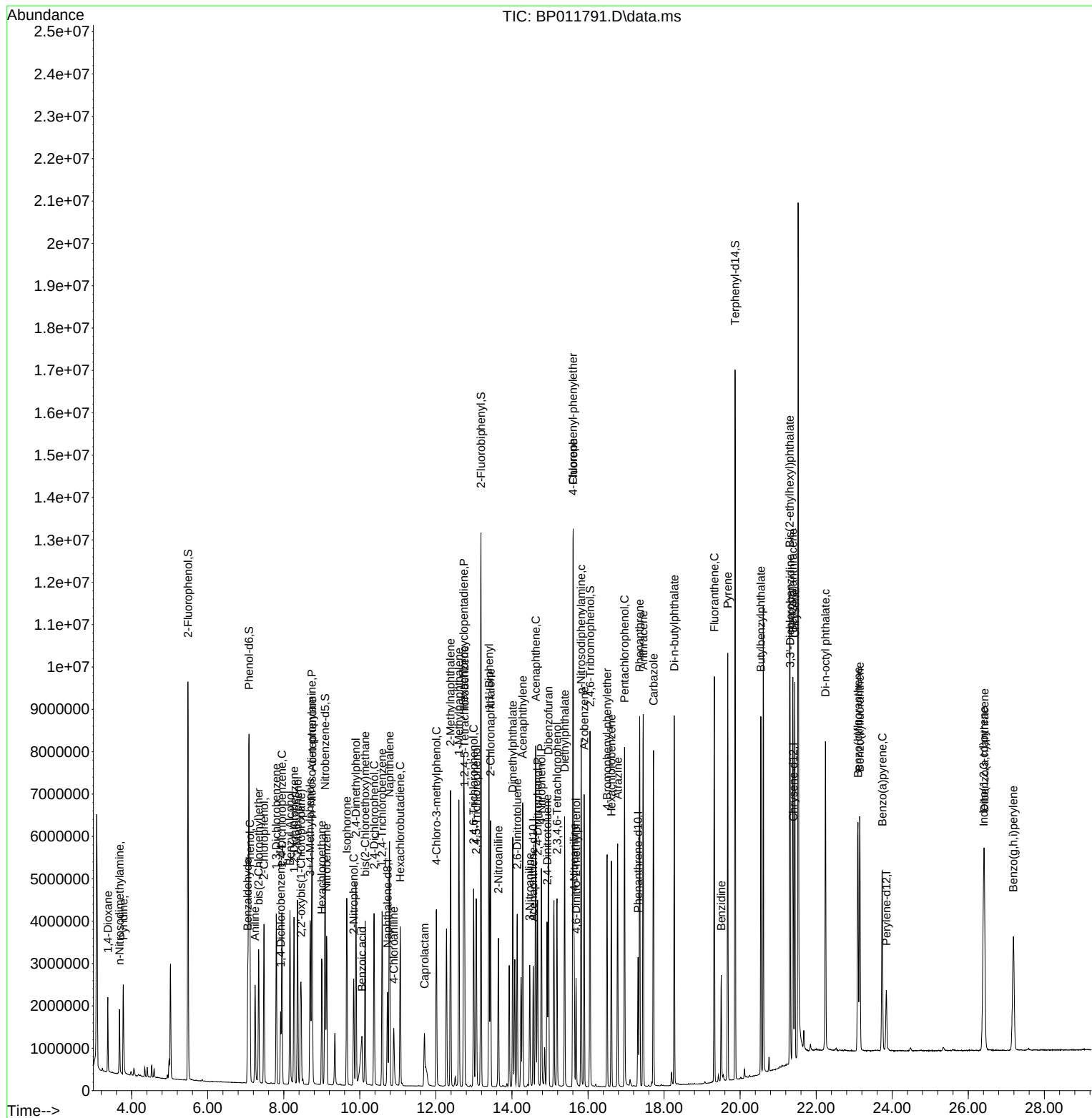
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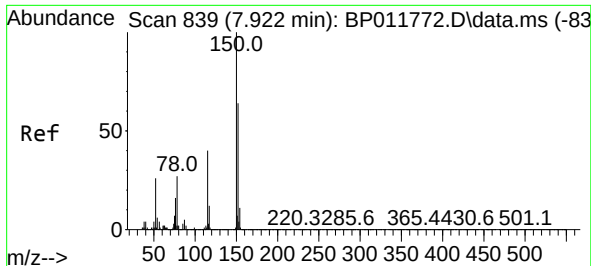
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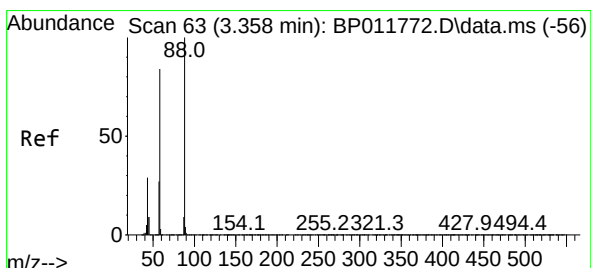
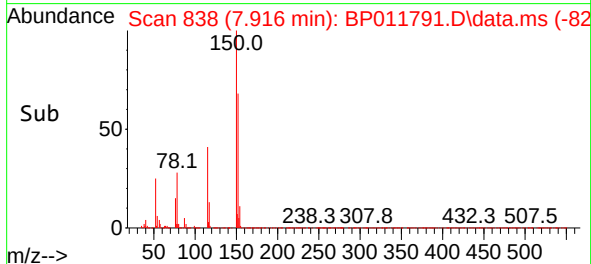
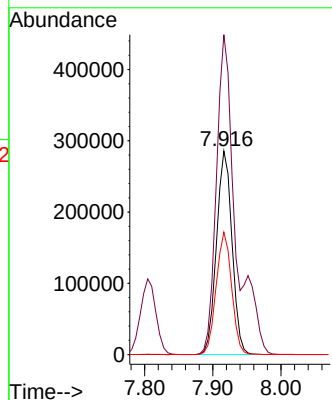
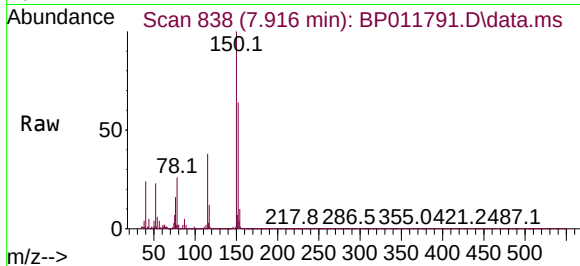
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 83
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Instrument :
BNA_P
Client SampleId :
WC-1MSD

Tgt Ion: 152 Resp: 449882
Ion Ratio Lower Upper
152 100
150 157.2 124.2 186.4
115 60.1 50.0 75.0

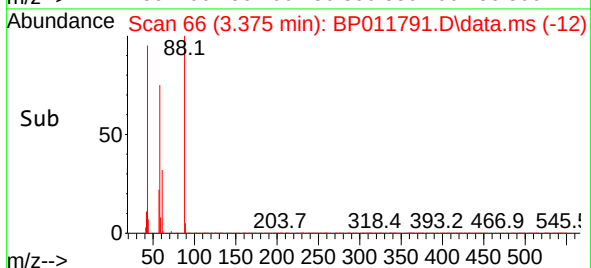
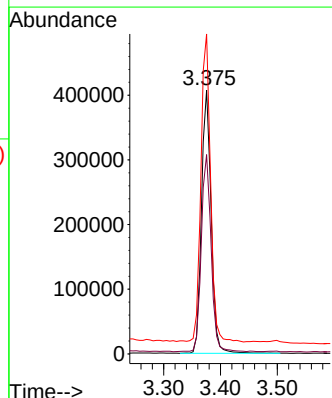
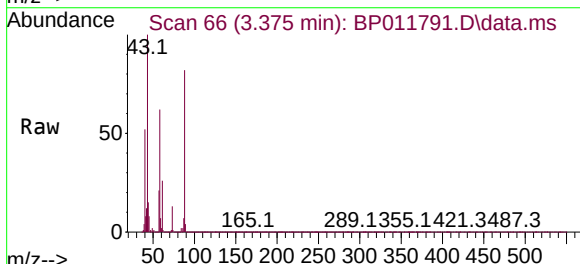
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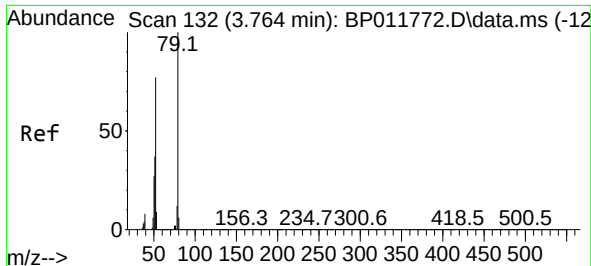
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#2
1,4-Dioxane
Concen: 44.335 ng
RT: 3.375 min Scan# 66
Delta R.T. 0.018 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

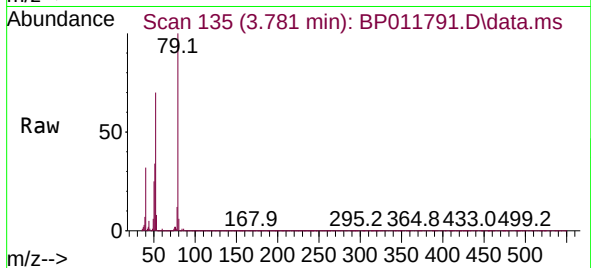
Tgt Ion: 88 Resp: 477950
Ion Ratio Lower Upper
88 100
58 75.8 66.6 99.8
43 116.6 23.2 34.8





#3
Pyridine
Concen: 32.219 ng
RT: 3.781 min Scan# 118
Delta R.T. 0.018 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

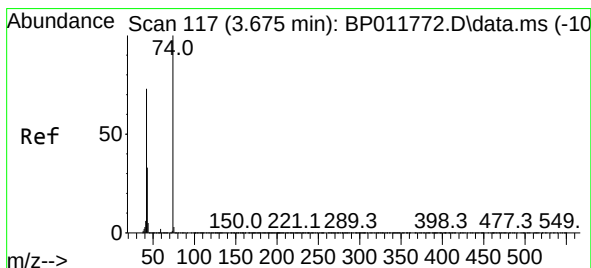
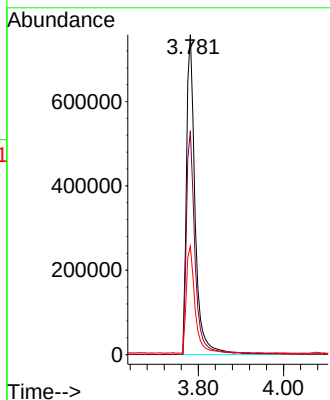
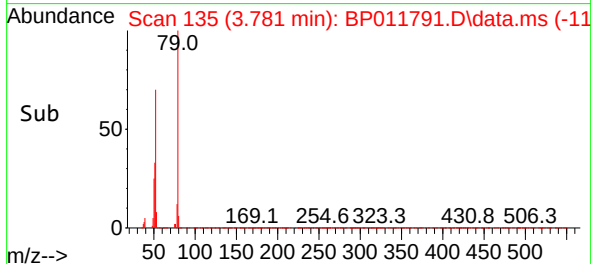
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ClientSampleId :
WC-1MSD



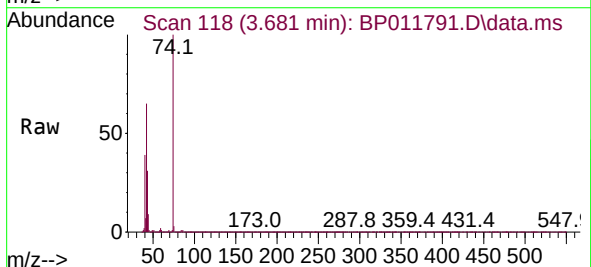
Tgt Ion: 79 Resp: 1071938
Ion Ratio Lower Upper
79 100
52 69.9 61.9 92.9
51 33.9 29.9 44.9

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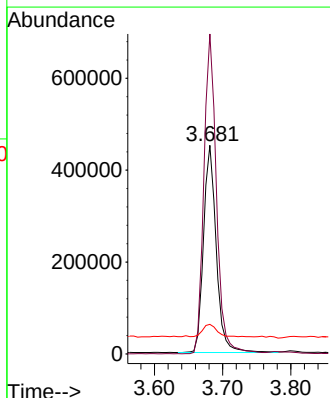
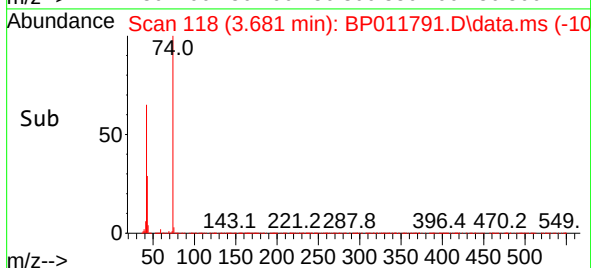
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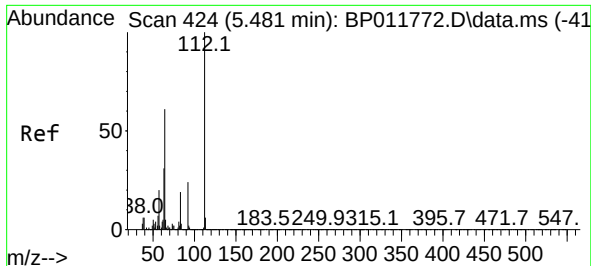


#4
n-Nitrosodimethylamine
Concen: 39.955 ng
RT: 3.681 min Scan# 118
Delta R.T. 0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54



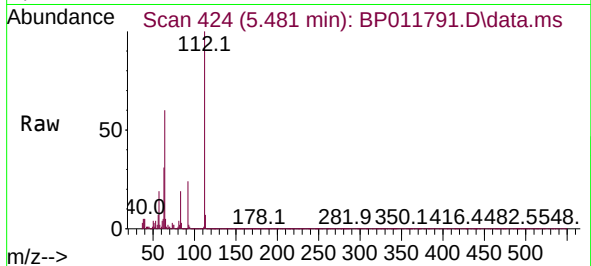
Tgt Ion: 42 Resp: 587858
Ion Ratio Lower Upper
42 100
74 153.4 109.0 163.6
44 14.1 15.4 23.2





#5
2-Fluorophenol
Concen: 161.446 ng
RT: 5.481 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

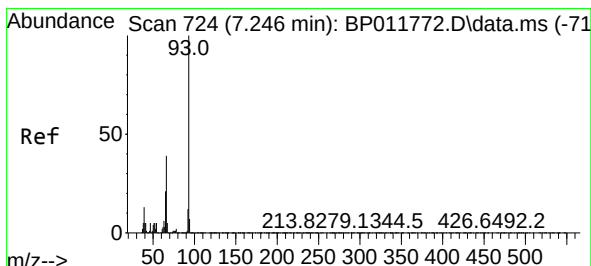
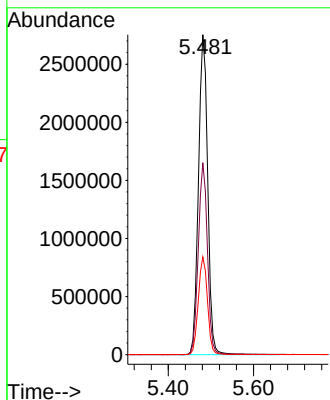
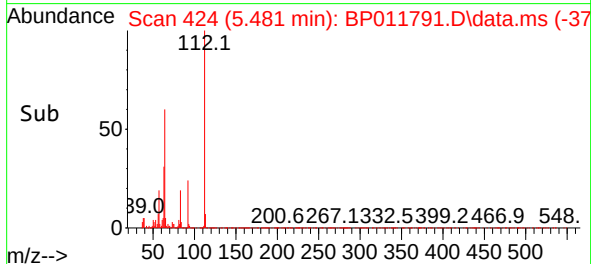
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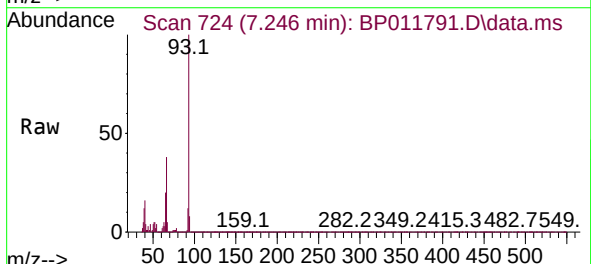
Tgt Ion: 112 Resp: 4139502
Ion Ratio Lower Upper
112 100
64 60.0 49.2 73.8
63 30.5 25.2 37.8

Manual Integrations
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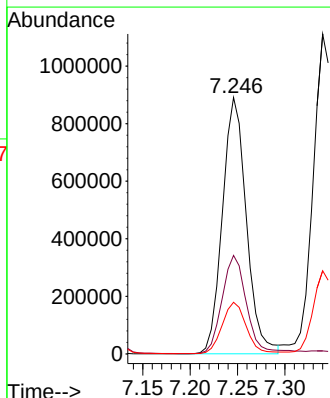
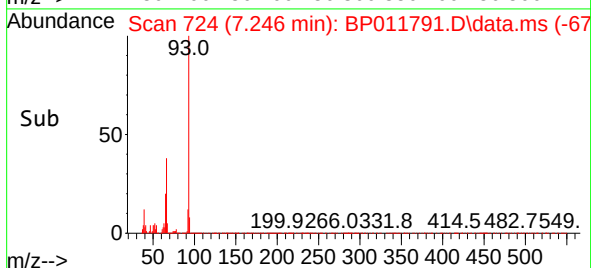
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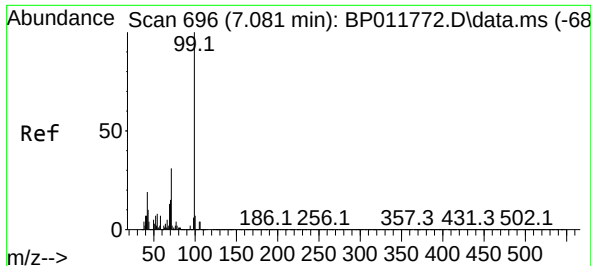


#6
Aniline
Concen: 33.229 ng
RT: 7.246 min Scan# 724
Delta R.T. 0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54



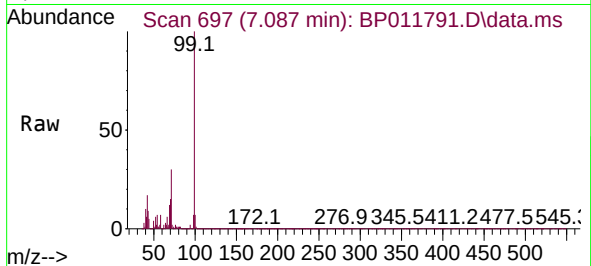
Tgt Ion: 93 Resp: 1567101
Ion Ratio Lower Upper
93 100
66 38.4 31.3 46.9
65 20.1 16.9 25.3





#7
Phenol-d6
Concen: 133.693 ng
RT: 7.087 min Scan# 696
Delta R.T. 0.006 min
Lab File: BP011791.D
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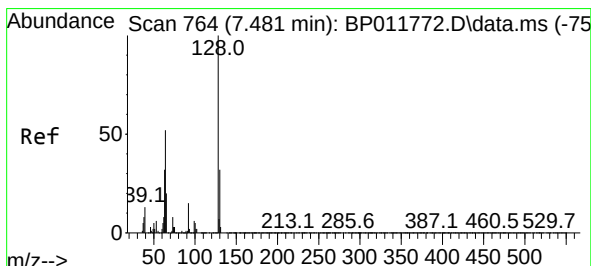
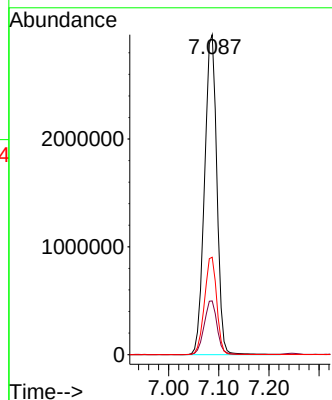
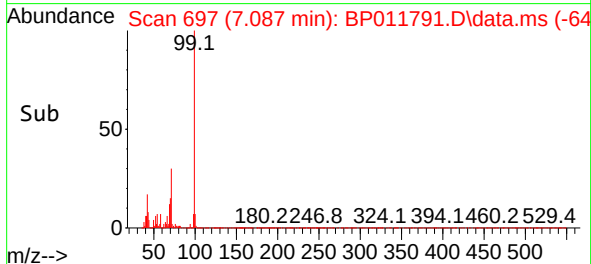
Instrument :
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Tgt Ion: 99 Resp: 5068533
Ion Ratio Lower Upper
99 100
42 16.8 15.4 23.2
71 30.4 24.7 37.1

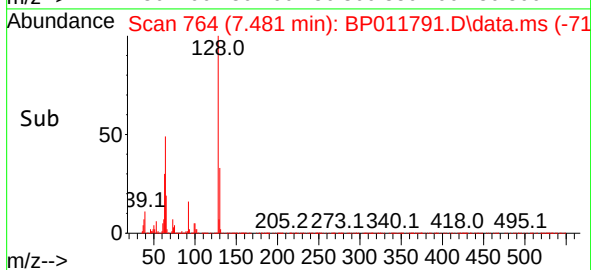
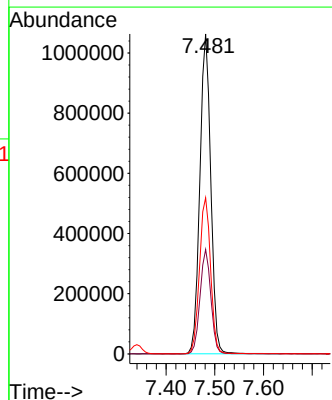
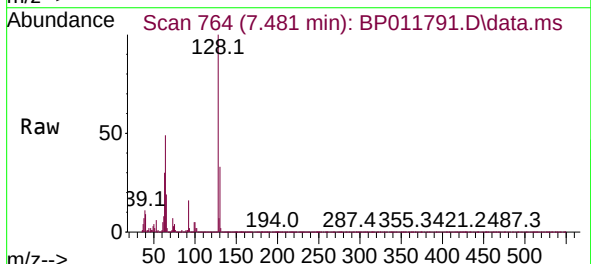
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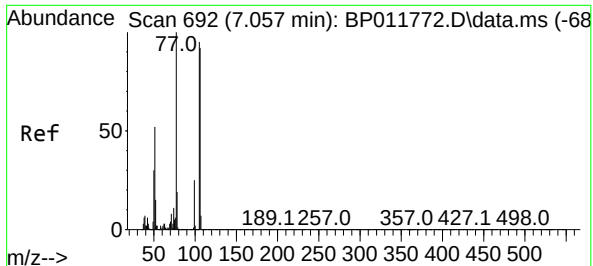
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#8
2-Chlorophenol
Concen: 52.758 ng
RT: 7.481 min Scan# 764
Delta R.T. 0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Tgt Ion:128 Resp: 1645758
Ion Ratio Lower Upper
128 100
130 32.6 12.1 52.1
64 48.8 32.6 72.6





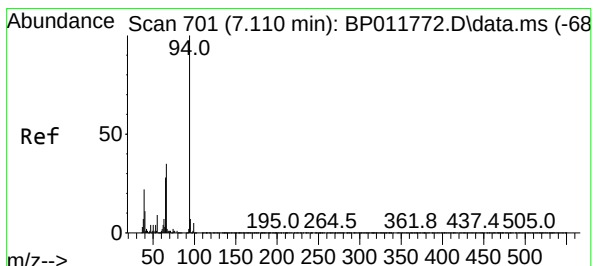
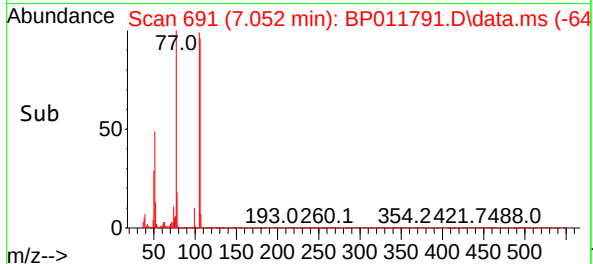
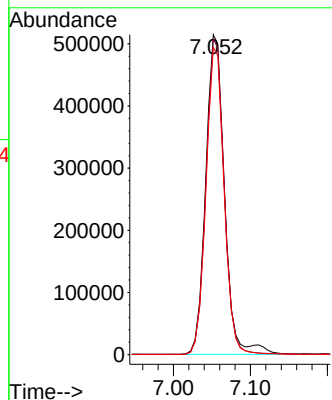
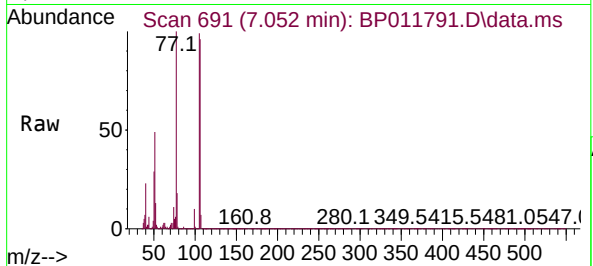
#9
Benzaldehyde
Concen: 36.720 ng m
RT: 7.052 min Scan# 691
Delta R.T. -0.005 min
Lab File: BP011791.D
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Tgt Ion: 77 Resp: 870960
Ion Ratio Lower Upper
77 100
105 98.6 75.4 115.4
106 96.0 71.6 111.6

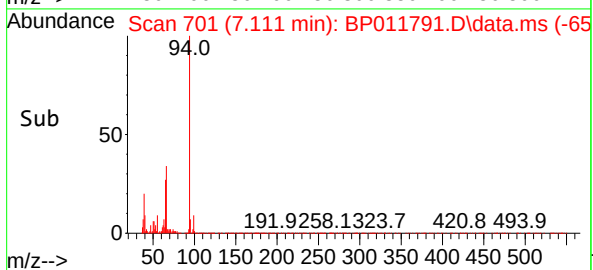
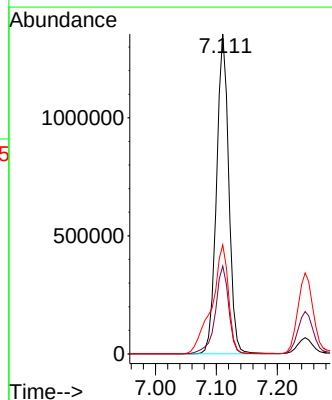
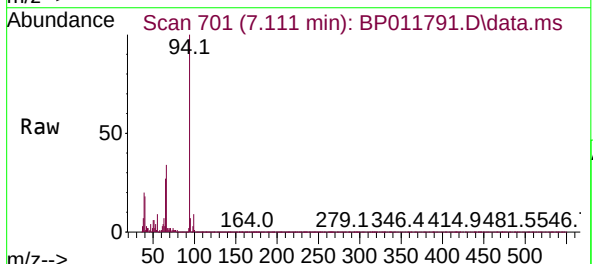
Manual Integrations
APPROVED

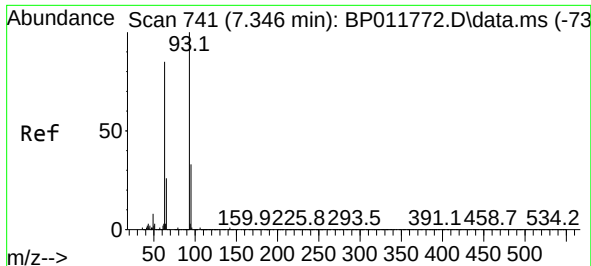
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#10
Phenol
Concen: 44.310 ng
RT: 7.111 min Scan# 701
Delta R.T. 0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

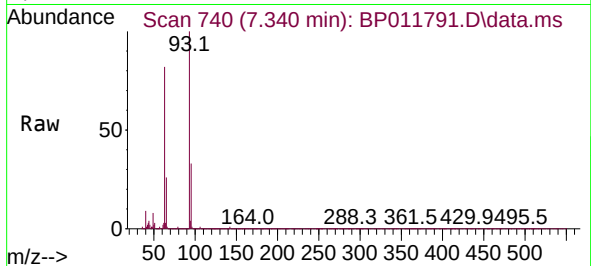
Tgt Ion: 94 Resp: 1892261
Ion Ratio Lower Upper
94 100
65 27.4 8.1 48.1
66 34.1 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 50.485 ng
RT: 7.340 min Scan# 741
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

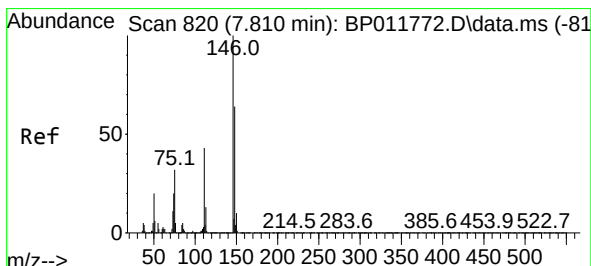
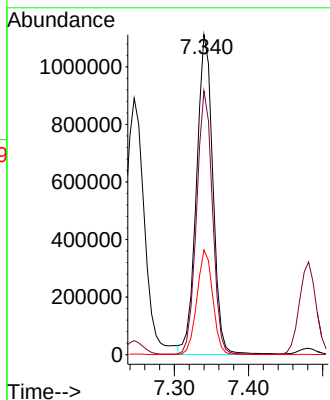
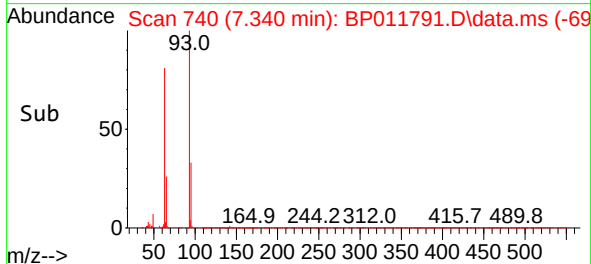
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



Tgt Ion: 93 Resp: 1706594
Ion Ratio Lower Upper
93 100
63 82.4 64.4 104.4
95 32.7 12.7 52.7

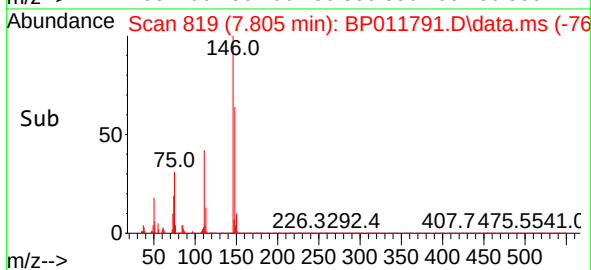
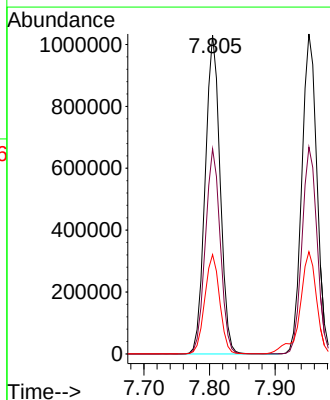
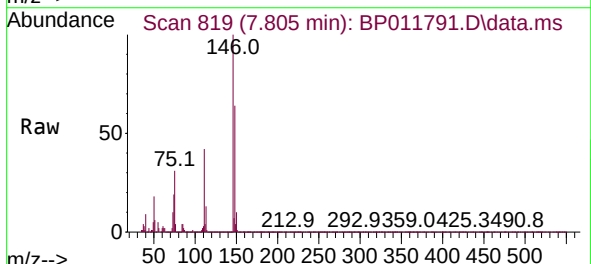
Manual Integrations
APPROVED

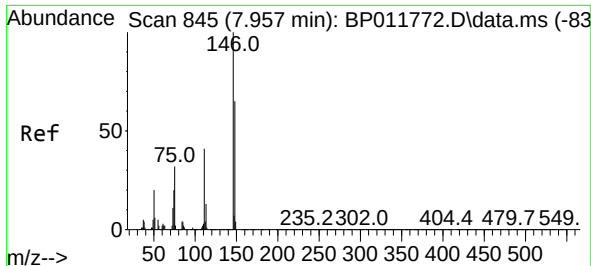
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#12
1,3-Dichlorobenzene
Concen: 49.440 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Tgt Ion:146 Resp: 1620624
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
75 31.2 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 49.279 ng

RT: 7.952 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP011791.D

Acq: 23 Sep 2022 19:54

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

Tgt Ion:146 Resp: 165528

Ion Ratio Lower Upper

146 100

148 64.6 51.7 77.5

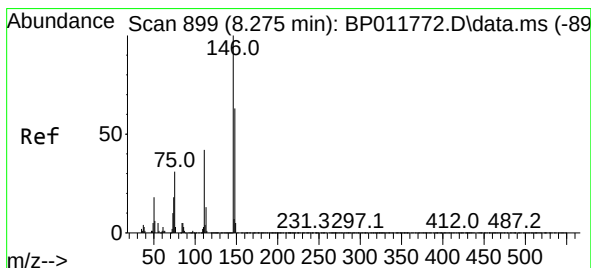
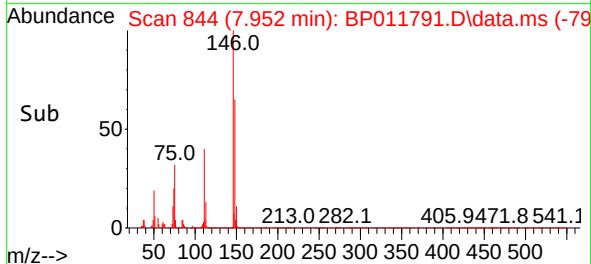
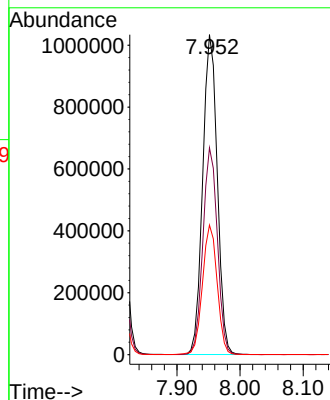
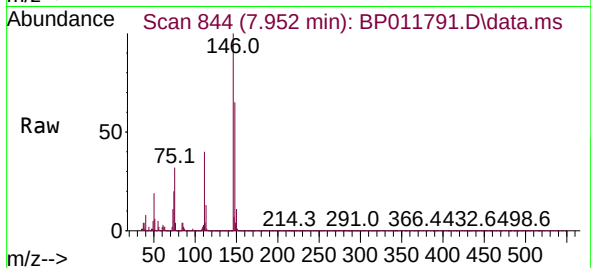
111 40.5 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#14

1,2-Dichlorobenzene

Concen: 48.887 ng

RT: 8.269 min Scan# 898

Delta R.T. -0.006 min

Lab File: BP011791.D

Acq: 23 Sep 2022 19:54

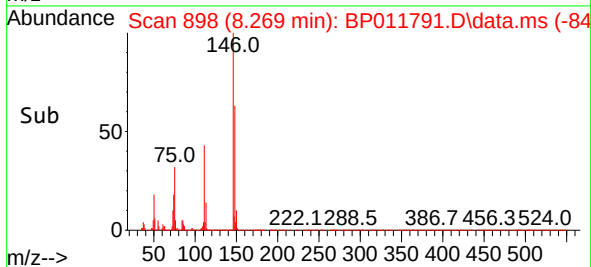
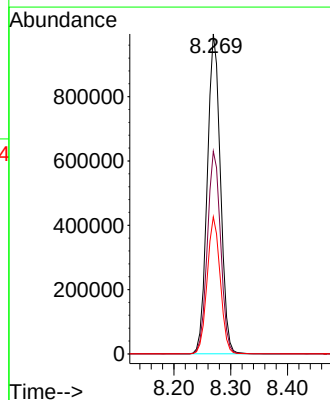
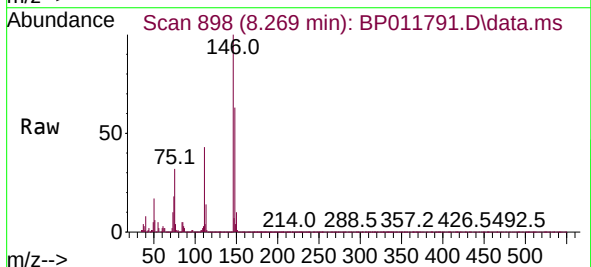
Tgt Ion:146 Resp: 1606515

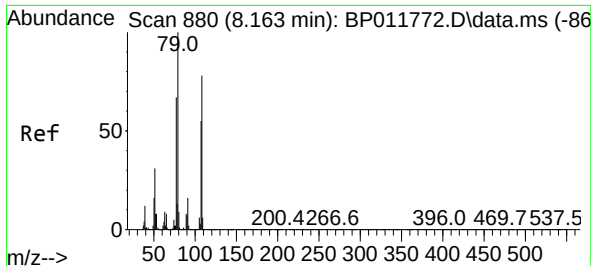
Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

111 42.8 34.0 51.0





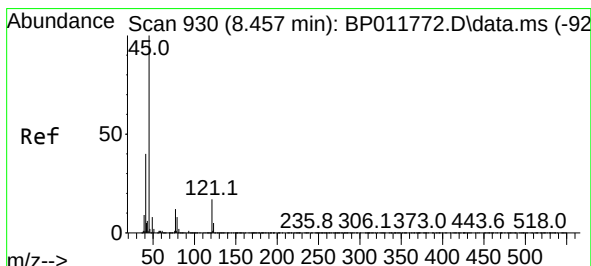
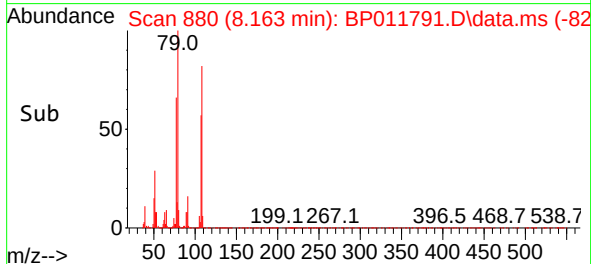
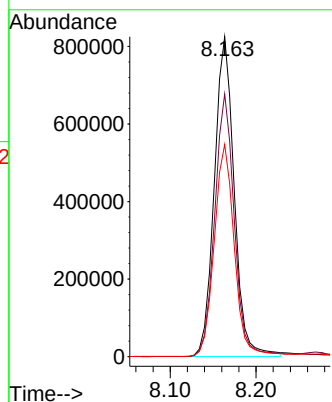
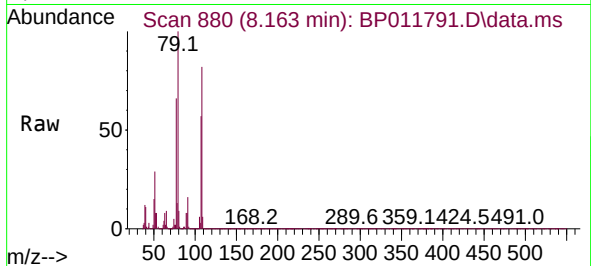
#15
Benzyl Alcohol
Concen: 47.536 ng m
RT: 8.163 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Instrument :
BNA_P
ClientSampleId :
WC-1MSD

Tgt Ion: 79 Resp: 133151
Ion Ratio Lower Upper
79 100
108 82.1 62.7 94.1
77 66.3 53.8 80.6

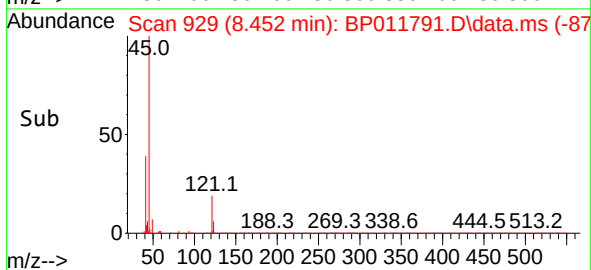
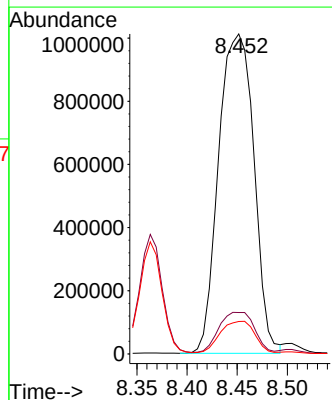
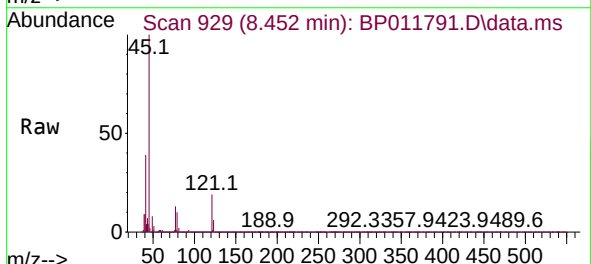
Manual Integrations
APPROVED

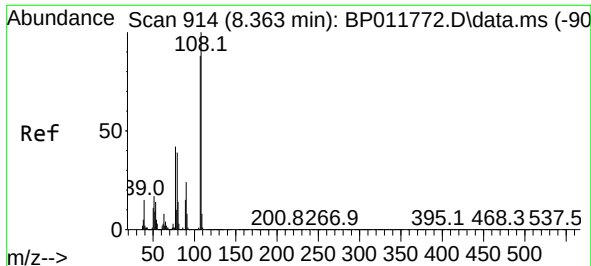
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.383 ng
RT: 8.452 min Scan# 929
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

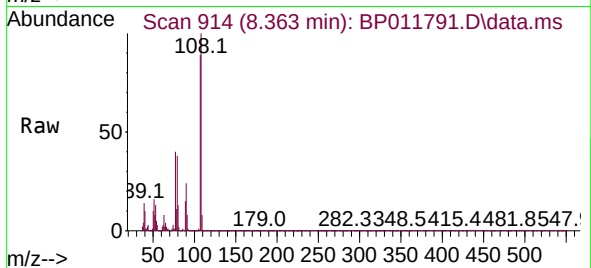
Tgt Ion: 45 Resp: 2478210
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.6
79 10.1 0.0 29.0





#17
2-Methylphenol
Concen: 47.763 ng
RT: 8.363 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

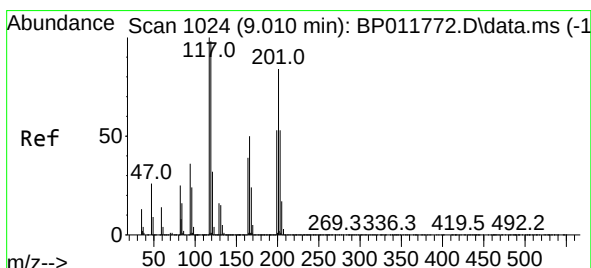
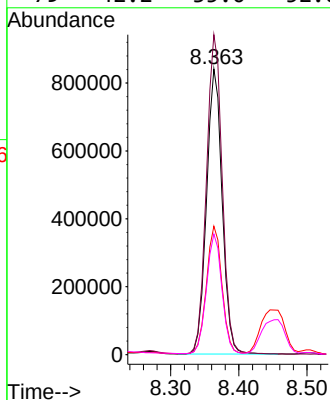
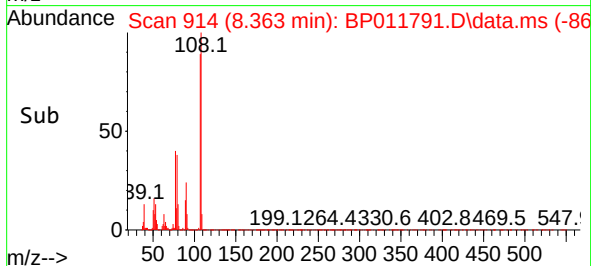
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.6	136.0
77	45.0	38.0	57.0
79	42.2	35.0	52.6

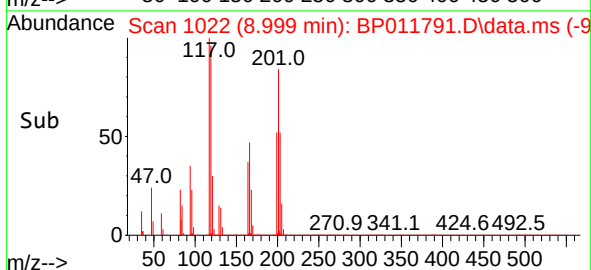
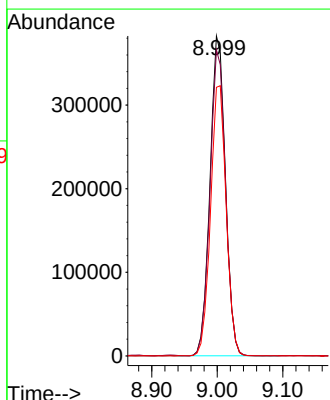
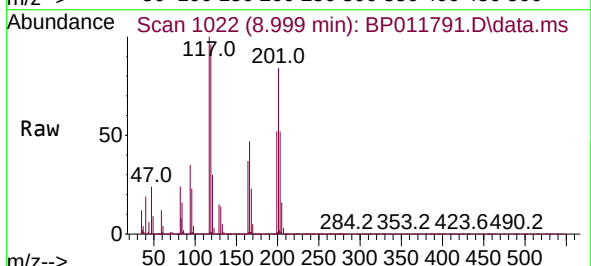
Manual Integrations
APPROVED

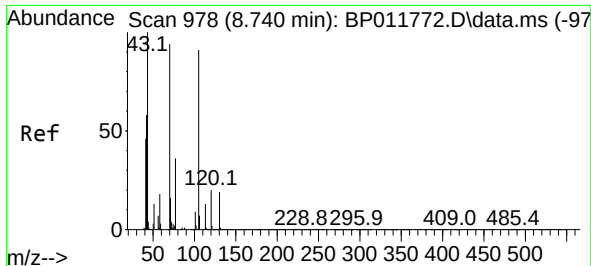
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#18
Hexachloroethane
Concen: 48.734 ng
RT: 8.999 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

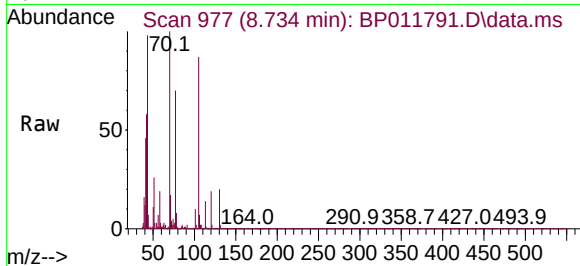
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.8	118.2
201	83.9	67.4	101.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.525 ng
RT: 8.734 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

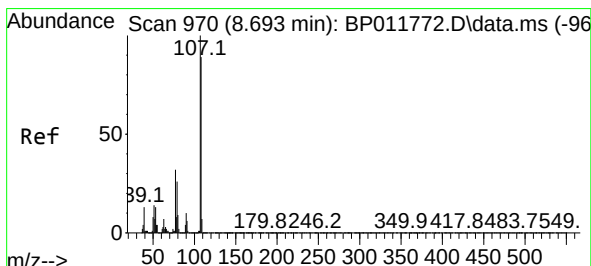
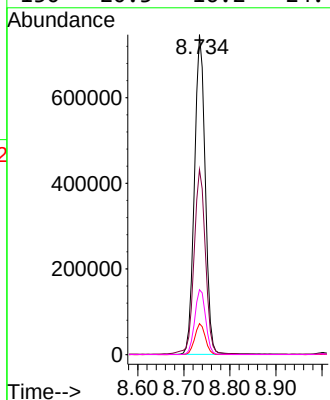
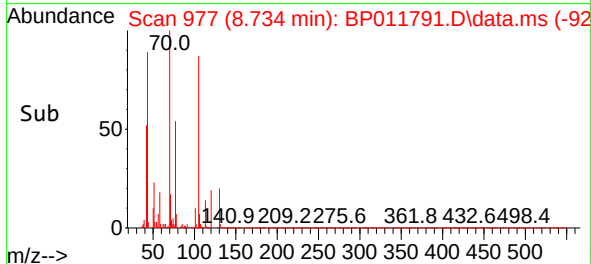
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



Tgt Ion: 70 Resp: 1213098
Ion Ratio Lower Upper
70 100
42 57.8 50.1 75.1
101 9.7 7.6 11.4
130 20.3 16.2 24.4

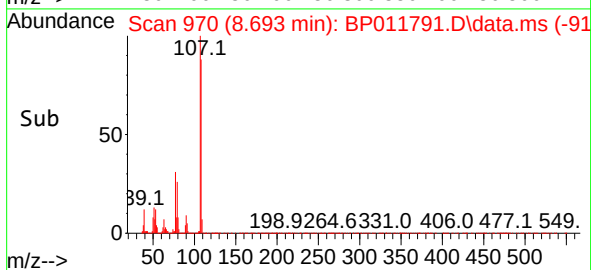
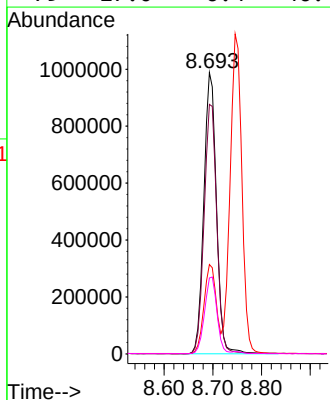
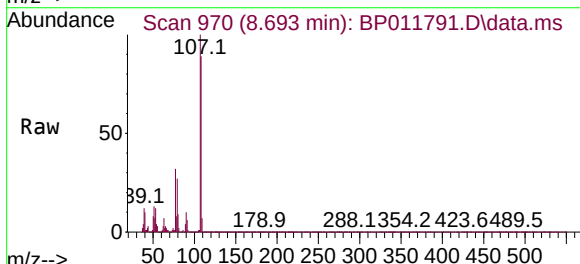
Manual Integrations
APPROVED

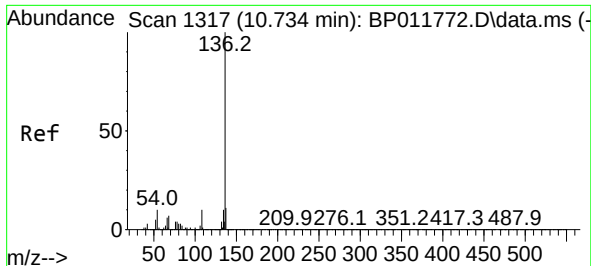
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#20
3+4-Methylphenols
Concen: 45.245 ng
RT: 8.693 min Scan# 970
Delta R.T. 0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

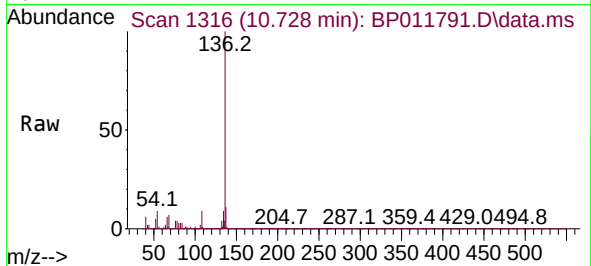
Tgt Ion:107 Resp: 1778153
Ion Ratio Lower Upper
107 100
108 88.7 69.2 109.2
77 31.7 12.5 52.5
79 27.0 6.4 46.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

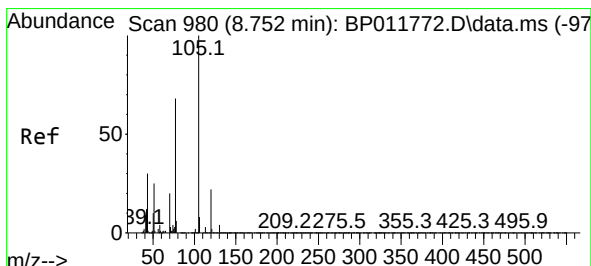
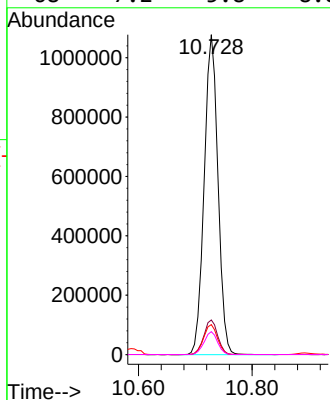
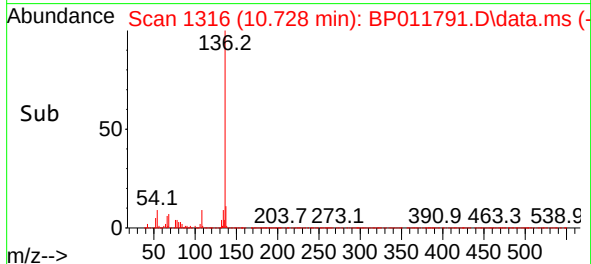
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



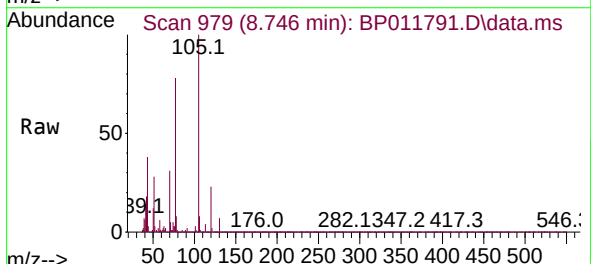
Tgt Ion:136 Resp: 1814632
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.4 8.2 12.4
68 7.2 5.8 8.8

Manual Integrations
APPROVED

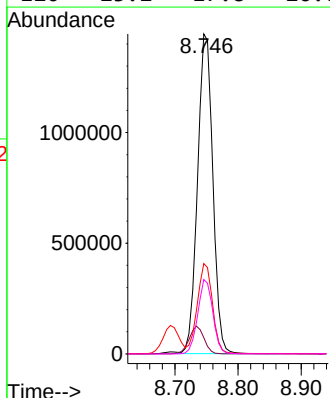
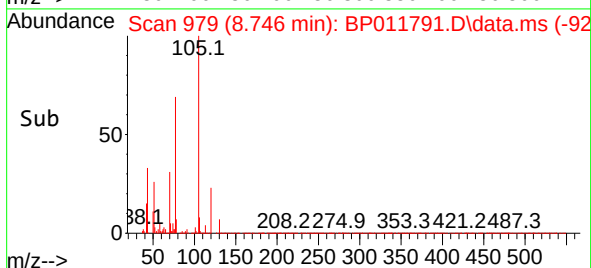
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

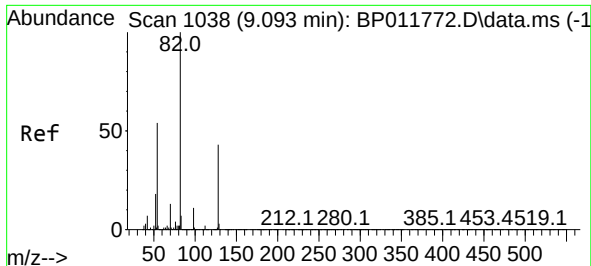


#22
Acetophenone
Concen: 53.393 ng
RT: 8.746 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54



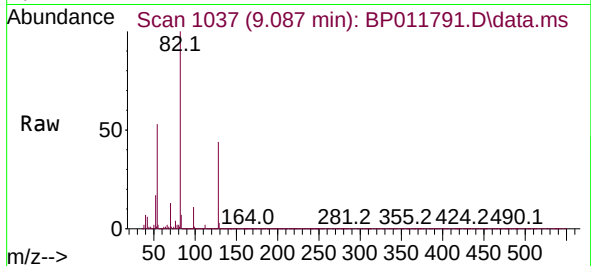
Tgt Ion:105 Resp: 2433778
Ion Ratio Lower Upper
105 100
71 5.1 2.7 4.1#
51 28.2 23.6 35.4
120 23.2 17.8 26.6





#23
Nitrobenzene-d5
Concen: 100.110 ng
RT: 9.087 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

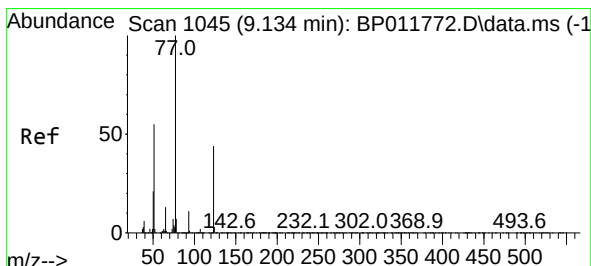
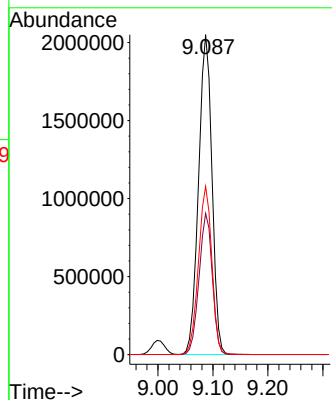
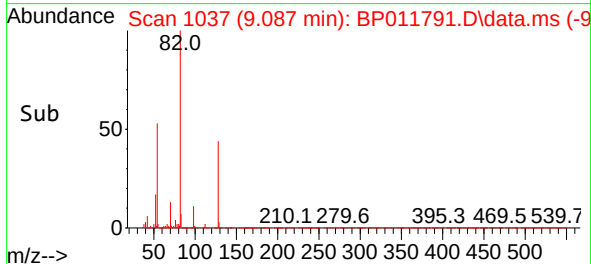
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



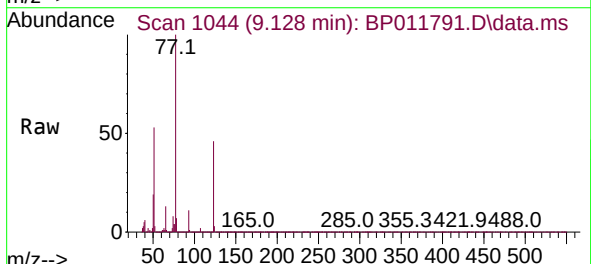
Tgt Ion: 82 Resp: 347080
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.4
54 52.6 43.1 64.7

Manual Integrations
APPROVED

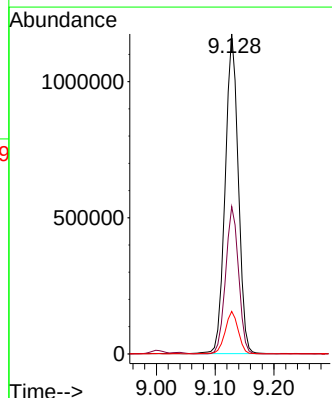
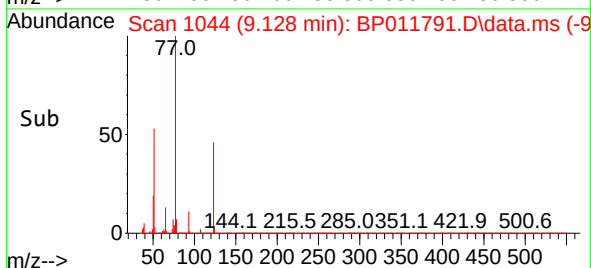
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

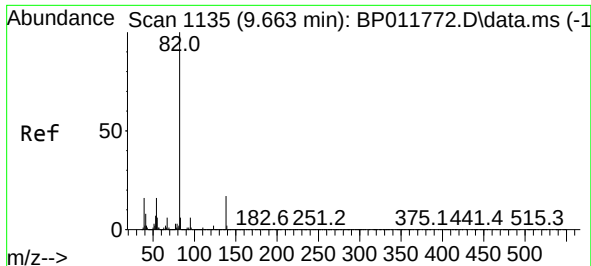


#24
Nitrobenzene
Concen: 50.652 ng
RT: 9.128 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54



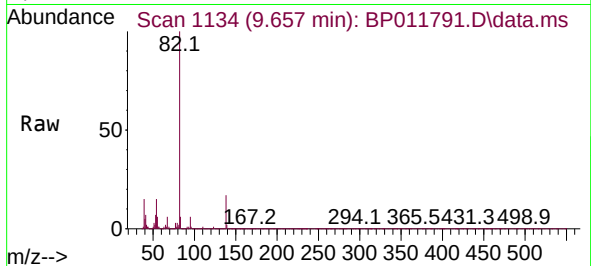
Tgt Ion: 77 Resp: 1814450
Ion Ratio Lower Upper
77 100
123 46.0 35.0 52.4
65 13.3 10.7 16.1





#25
Isophorone
Concen: 51.847 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

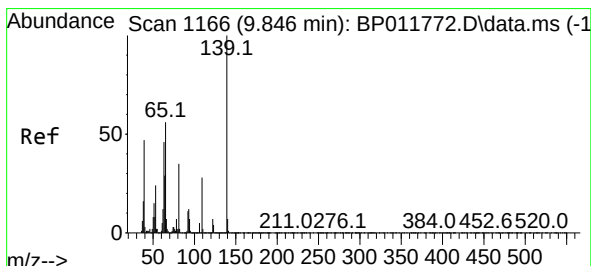
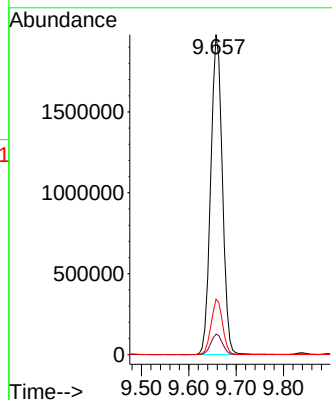
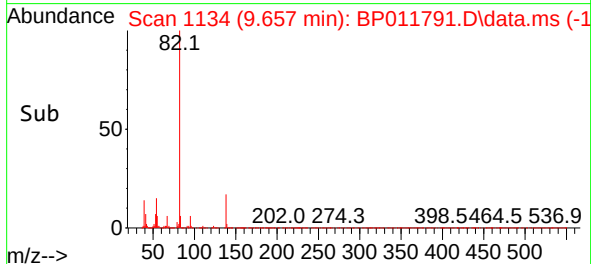
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



Tgt Ion: 82 Resp: 3372220
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 17.3 13.6 20.4

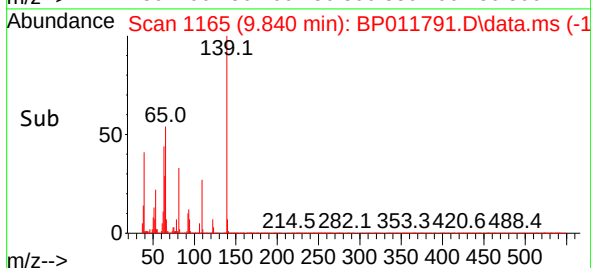
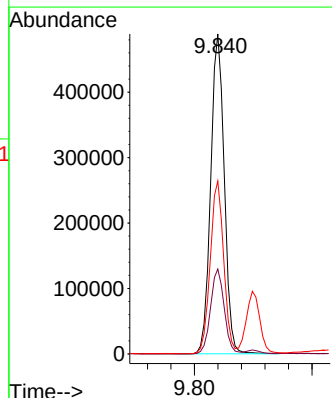
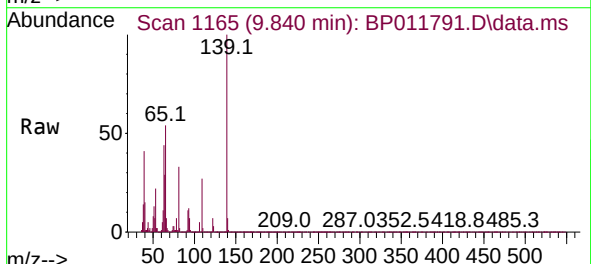
Manual Integrations
APPROVED

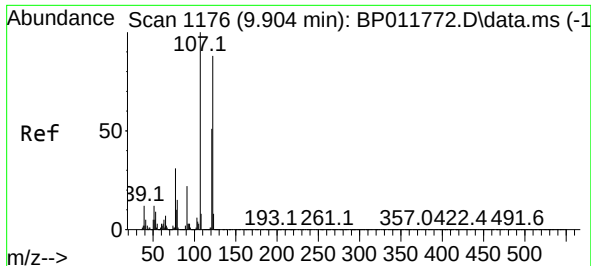
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#26
2-Nitrophenol
Concen: 53.809 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

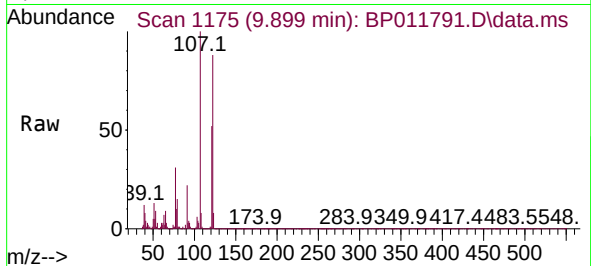
Tgt Ion:139 Resp: 784712
Ion Ratio Lower Upper
139 100
109 26.5 22.6 34.0
65 54.0 44.7 67.1





#27
2,4-Dimethylphenol
Concen: 63.128 ng
RT: 9.899 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

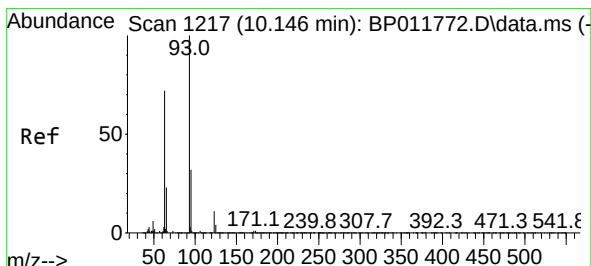
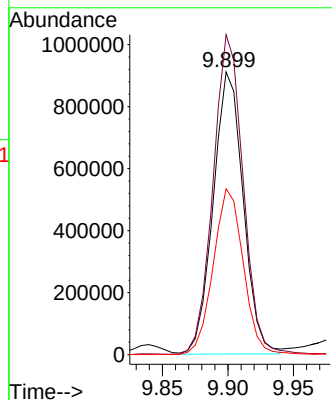
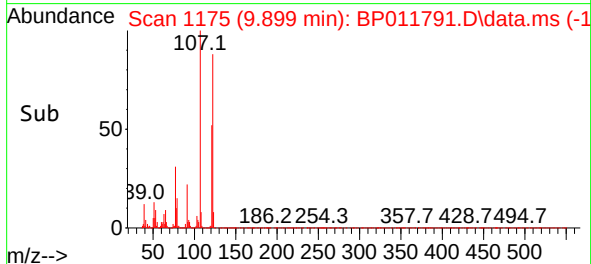
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



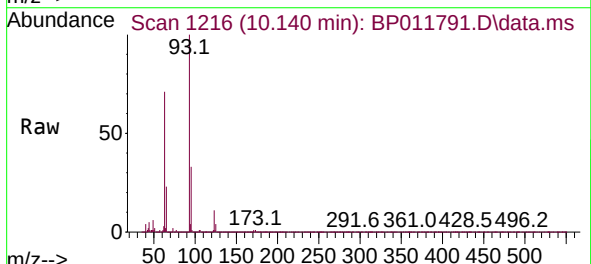
Tgt Ion:122 Resp: 1450140
Ion Ratio Lower Upper
122 100
107 113.2 91.2 136.8
121 58.7 46.8 70.2

Manual Integrations
APPROVED

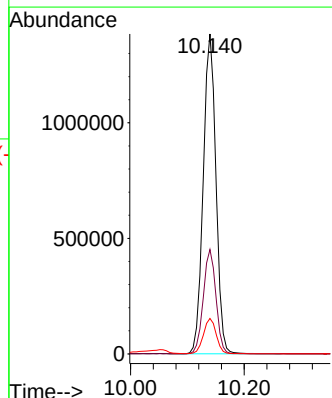
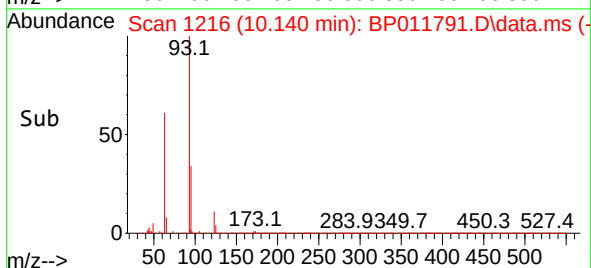
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

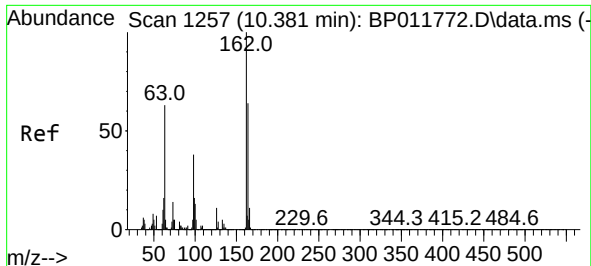


#28
bis(2-Chloroethoxy)methane
Concen: 56.534 ng
RT: 10.140 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54



Tgt Ion: 93 Resp: 2142895
Ion Ratio Lower Upper
93 100
95 32.6 25.6 38.4
123 11.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 56.605 ng

RT: 10.375 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BP011791.D

Acq: 23 Sep 2022 19:54

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

Tgt Ion:162 Resp: 1391269

Ion Ratio Lower Upper

162 100

164 63.7 44.3 84.3

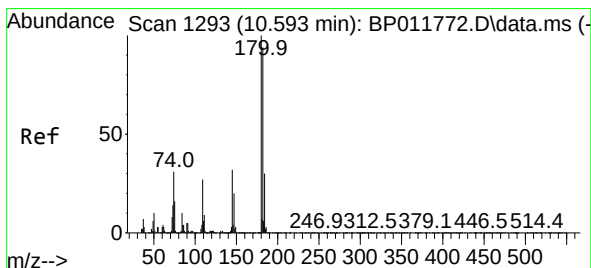
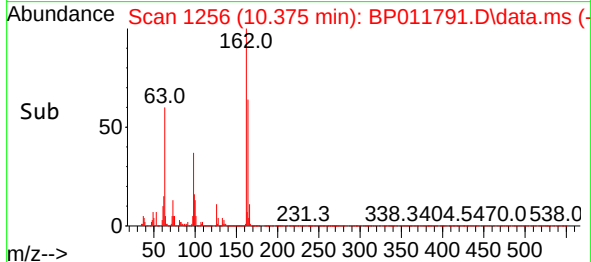
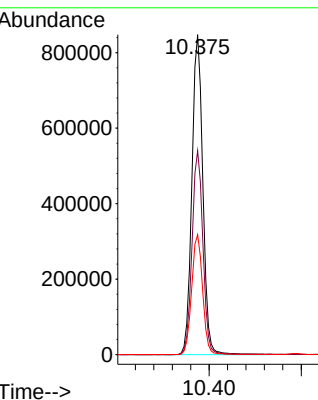
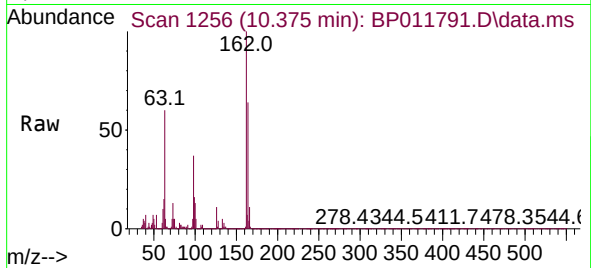
98 37.5 18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#30

1,2,4-Trichlorobenzene

Concen: 52.981 ng

RT: 10.587 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BP011791.D

Acq: 23 Sep 2022 19:54

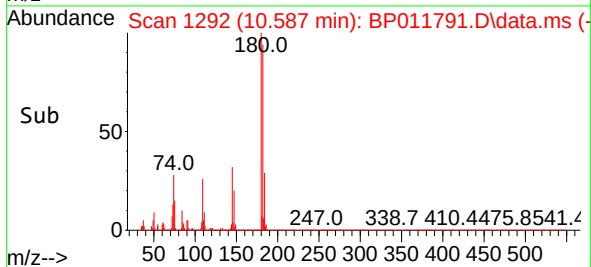
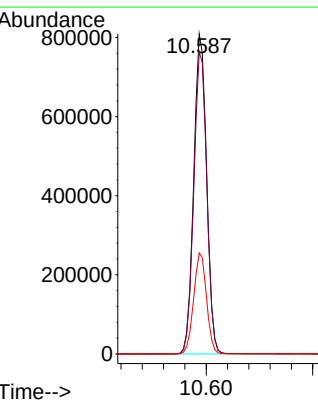
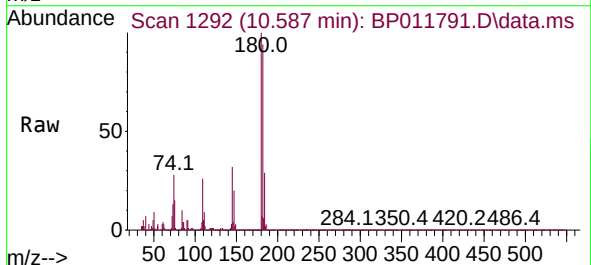
Tgt Ion:180 Resp: 1355929

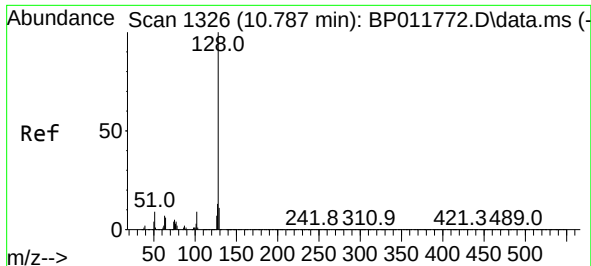
Ion Ratio Lower Upper

180 100

182 94.3 75.2 112.8

145 31.6 25.8 38.6





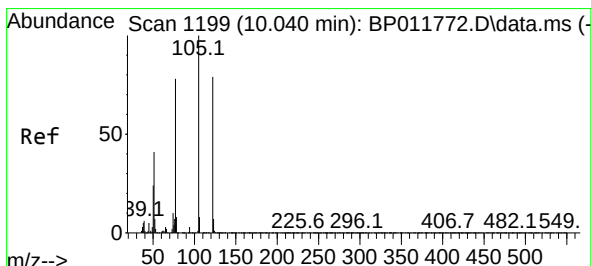
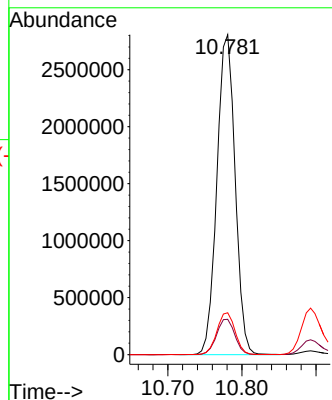
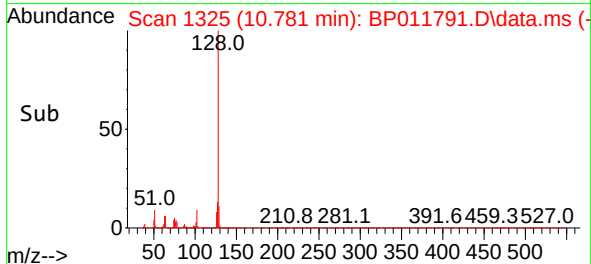
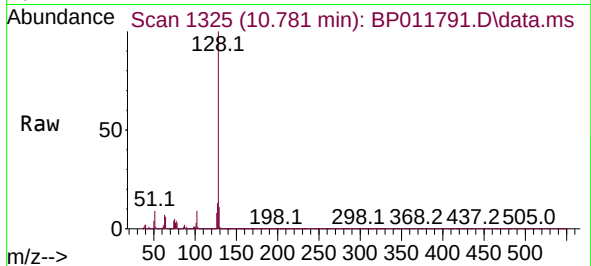
#31
Naphthalene
Concen: 49.786 ng
RT: 10.781 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Instrument :
BNA_P
ClientSampleId :
WC-1MSD

Tgt Ion:128 Resp: 4789600
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.5 15.7

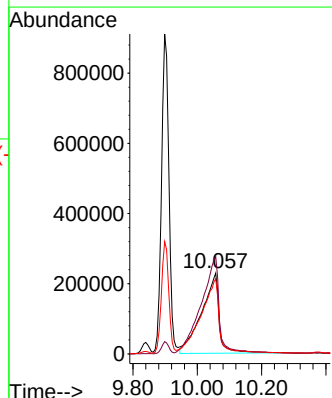
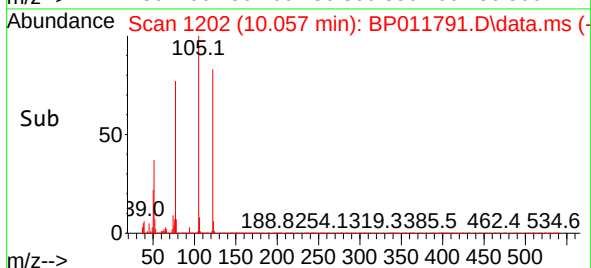
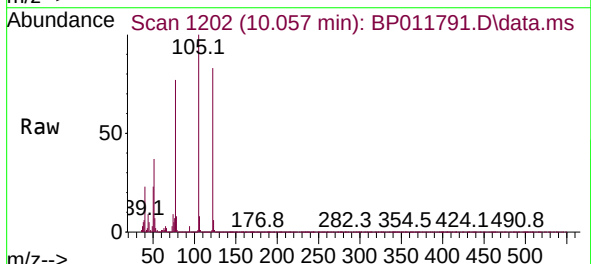
Manual Integrations
APPROVED

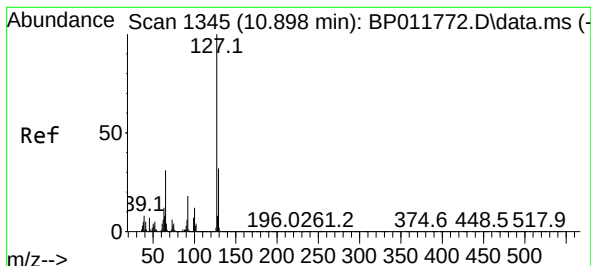
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#32
Benzoic acid
Concen: 45.188 ng
RT: 10.057 min Scan# 1202
Delta R.T. 0.017 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Tgt Ion:122 Resp: 879753
Ion Ratio Lower Upper
122 100
105 120.5 101.0 141.0
77 93.1 75.9 115.9





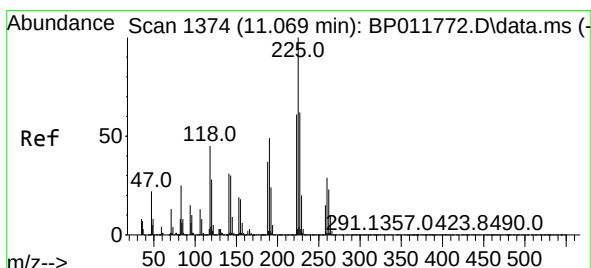
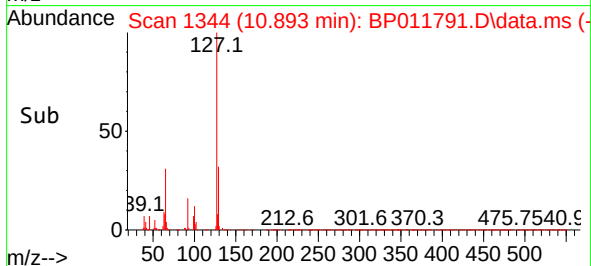
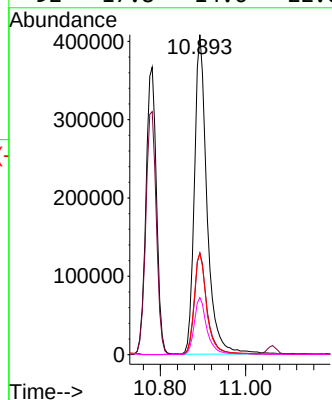
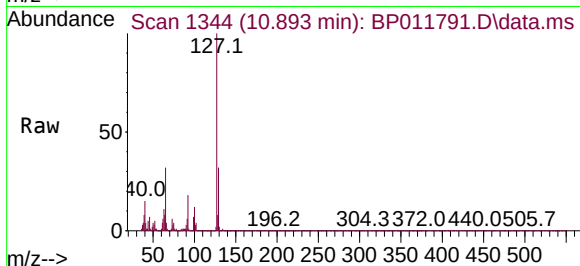
#33
4-Chloroaniline
Concen: 20.956 ng
RT: 10.893 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Instrument :
BNA_P
ClientSampleId :
WC-1MSD

Tgt Ion:127 Resp: 84055
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.8
65 31.6 25.1 37.7
92 17.8 14.6 22.0

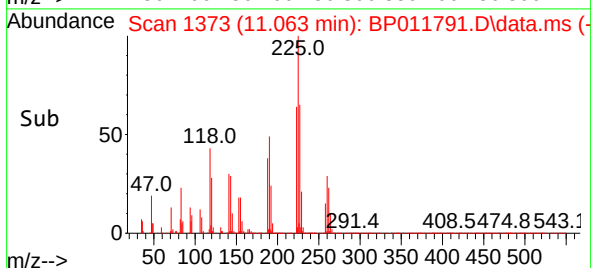
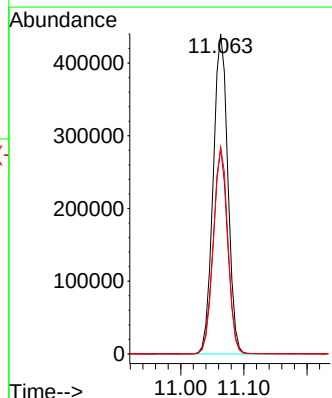
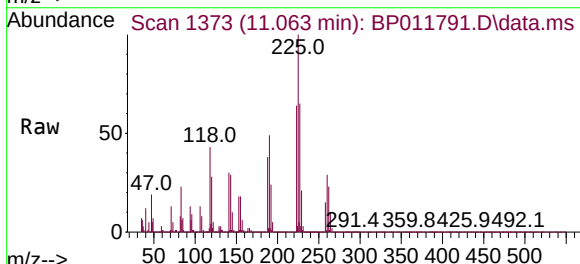
Manual Integrations
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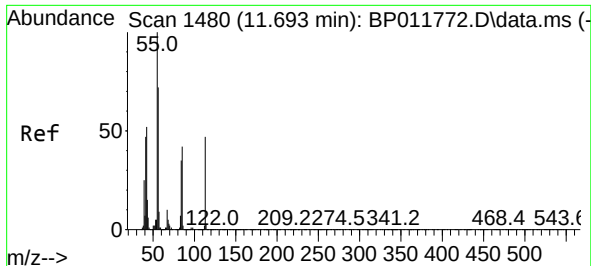
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#34
Hexachlorobutadiene
Concen: 55.021 ng
RT: 11.063 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

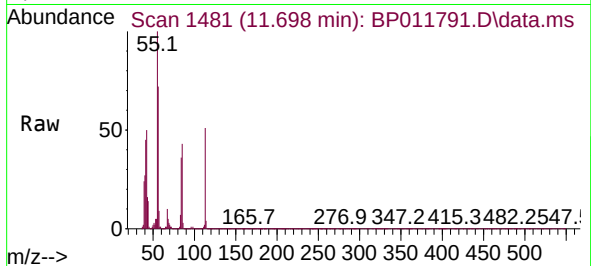
Tgt Ion:225 Resp: 710224
Ion Ratio Lower Upper
225 100
223 64.2 49.0 73.4
227 64.5 49.6 74.4





#35
Caprolactam
Concen: 37.815 ng
RT: 11.698 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

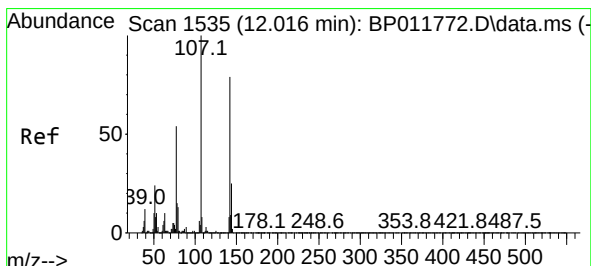
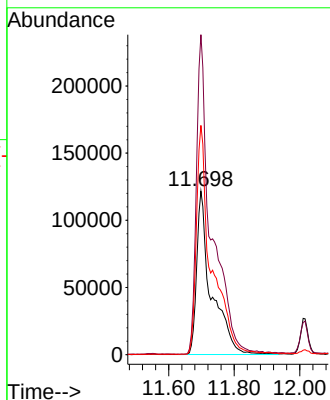
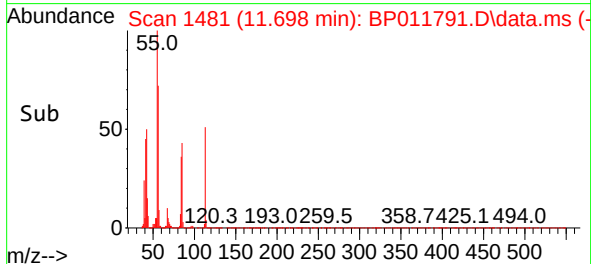
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



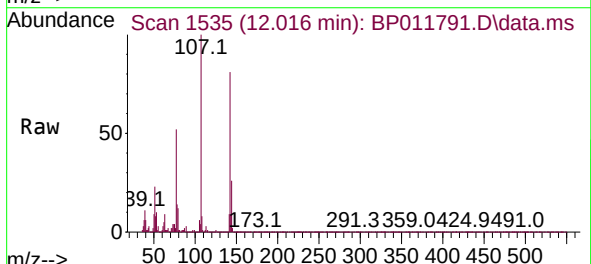
Tgt Ion:113 Resp: 377734
Ion Ratio Lower Upper
113 100
55 195.8 191.1 231.1
56 140.2 131.1 171.1

Manual Integrations
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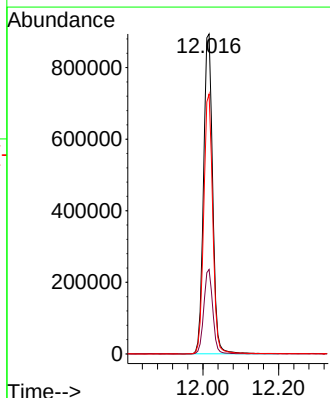
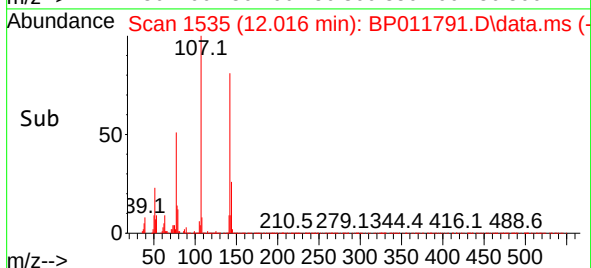
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

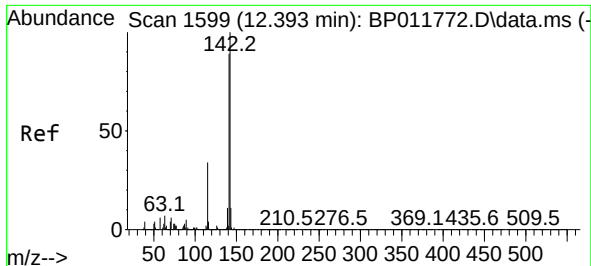


#36
4-Chloro-3-methylphenol
Concen: 49.956 ng
RT: 12.016 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54



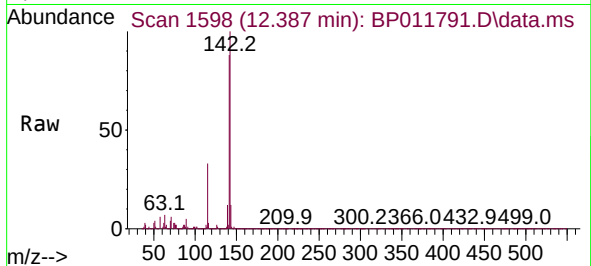
Tgt Ion:107 Resp: 1490192
Ion Ratio Lower Upper
107 100
144 26.4 20.2 30.2
142 81.2 63.5 95.3





#37
2-Methylnaphthalene
Concen: 48.722 ng
RT: 12.387 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

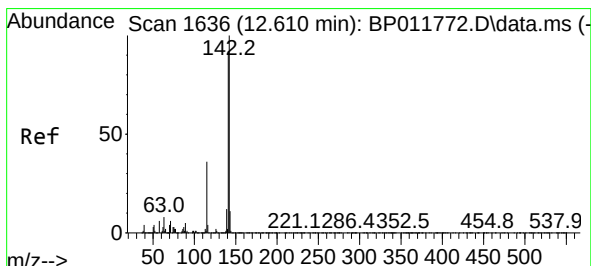
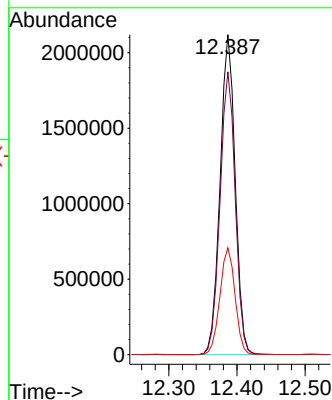
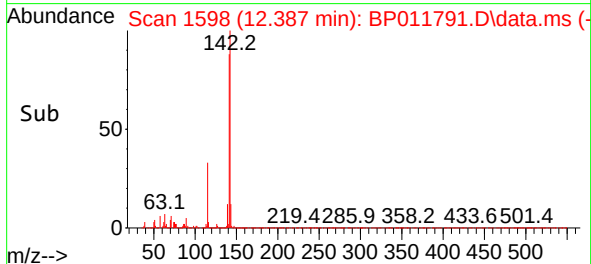
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



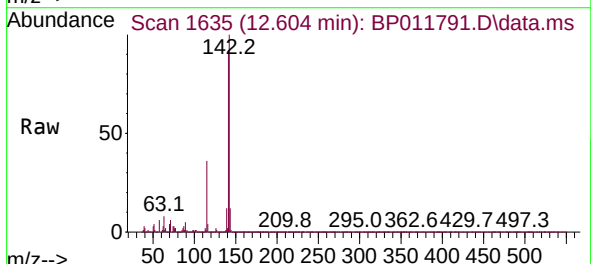
Tgt Ion:142 Resp: 3236980
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7
115 33.4 27.4 41.0

Manual Integrations
APPROVED

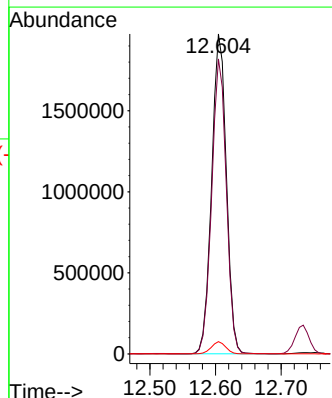
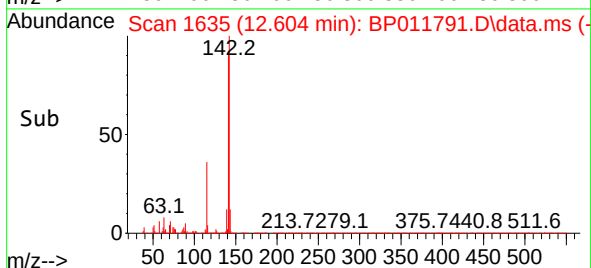
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

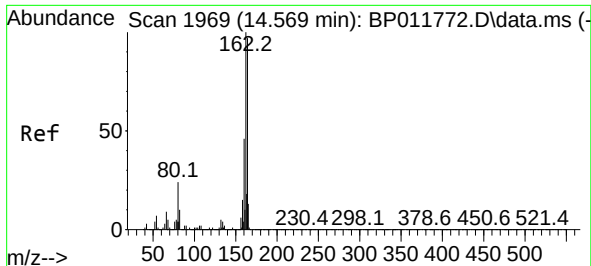


#38
1-Methylnaphthalene
Concen: 47.049 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54



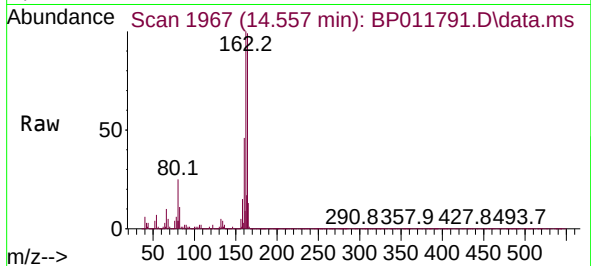
Tgt Ion:142 Resp: 3078141
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.2
116 3.8 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

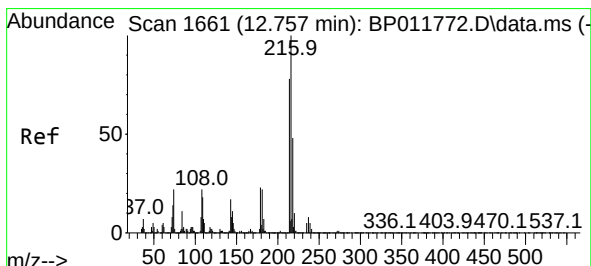
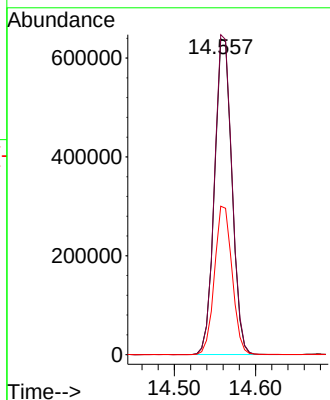
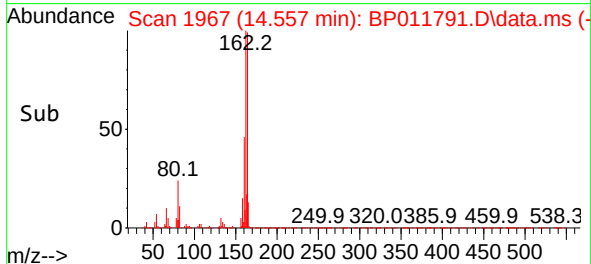
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



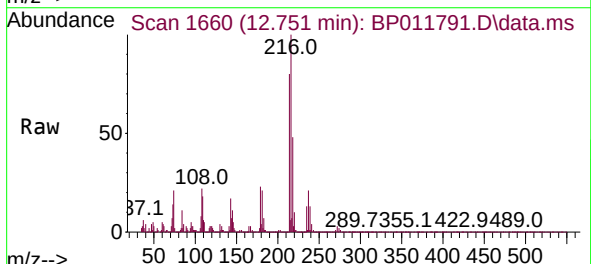
Tgt Ion:164 Resp: 950361
Ion Ratio Lower Upper
164 100
162 101.3 82.5 123.7
160 47.0 37.8 56.6

Manual Integrations
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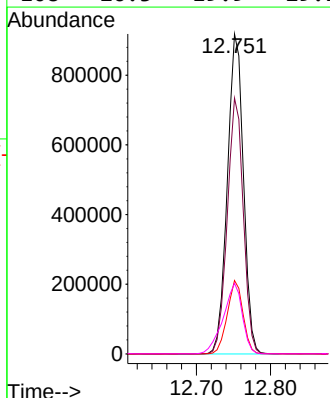
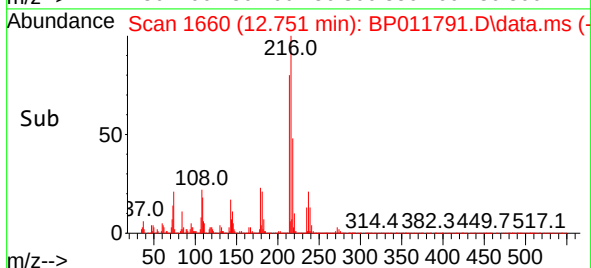
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

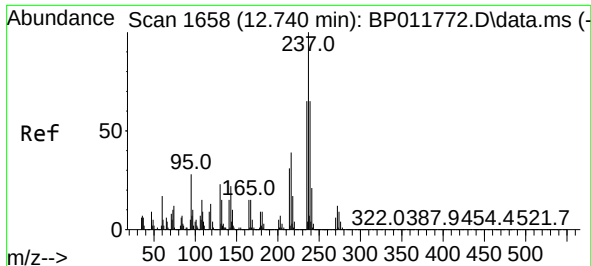


#40
1,2,4,5-Tetrachlorobenzene
Concen: 64.616 ng
RT: 12.751 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54



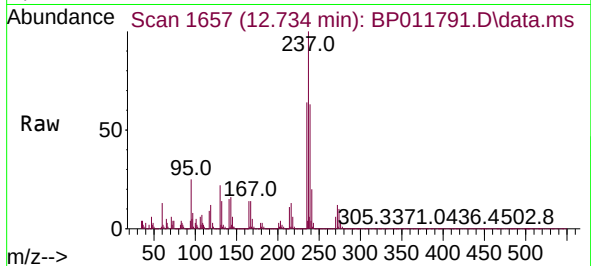
Tgt Ion:216 Resp: 1383945
Ion Ratio Lower Upper
216 100
214 79.6 63.3 94.9
179 22.4 18.5 27.7
108 26.3 19.9 29.9





#41
Hexachlorocyclopentadiene
Concen: 166.264 ng
RT: 12.734 min Scan# 1657
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

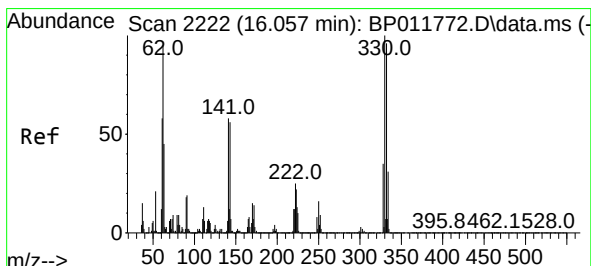
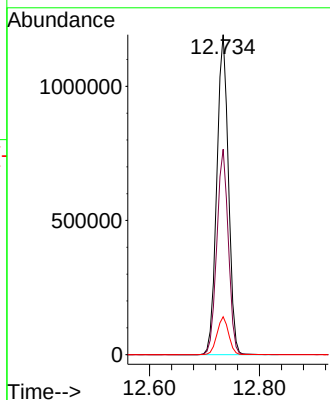
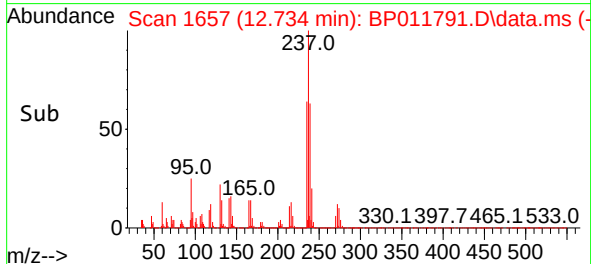
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



Tgt Ion: 237 Resp: 1746442
Ion Ratio Lower Upper
237 100
235 64.2 45.5 85.5
272 11.8 0.0 31.6

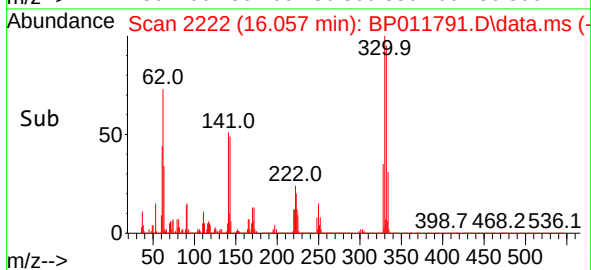
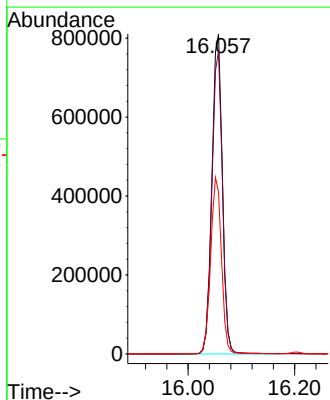
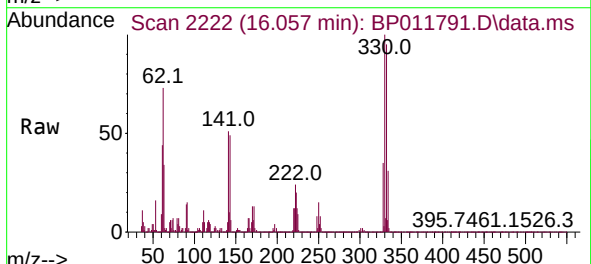
Manual Integrations
APPROVED

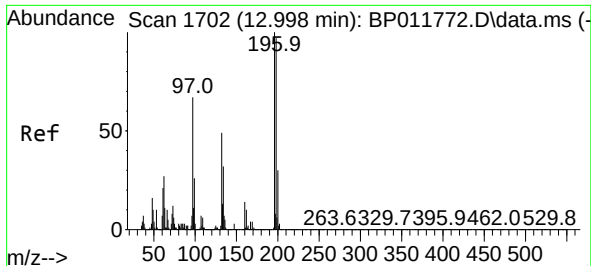
Reviewed By : Christian Giraldo 09/26/2022
Supervised By : Jagrut Upadhyay 09/26/2022



#42
2,4,6-Tribromophenol
Concen: 173.939 ng
RT: 16.057 min Scan# 2222
Delta R.T. 0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

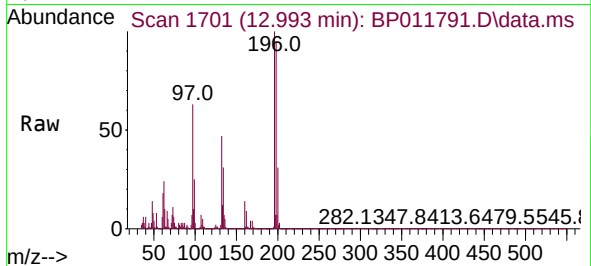
Tgt Ion: 330 Resp: 1113074
Ion Ratio Lower Upper
330 100
332 95.2 76.6 114.8
141 56.6 48.7 73.1





#43
2,4,6-Trichlorophenol
Concen: 60.848 ng
RT: 12.993 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

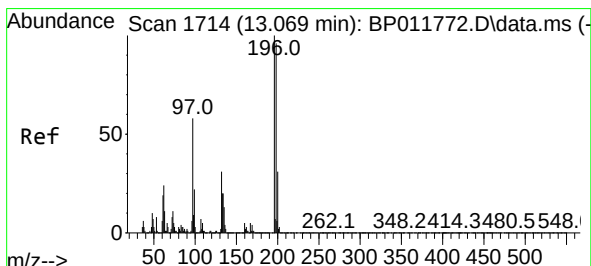
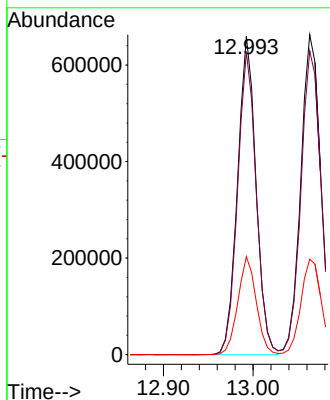
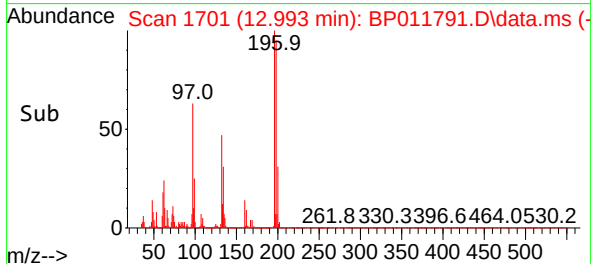
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



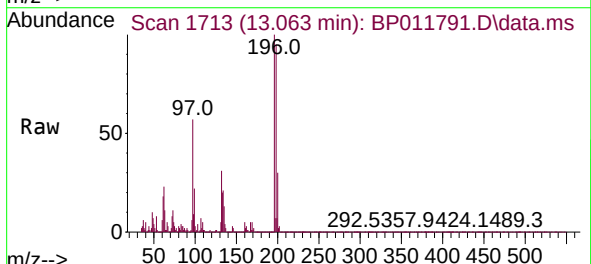
Tgt Ion:196 Resp: 943372
Ion Ratio Lower Upper
196 100
198 95.0 77.8 116.6
200 30.8 24.3 36.5

Manual Integrations
APPROVED

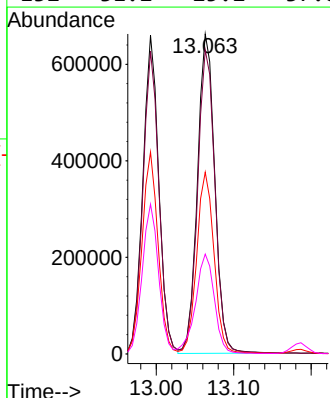
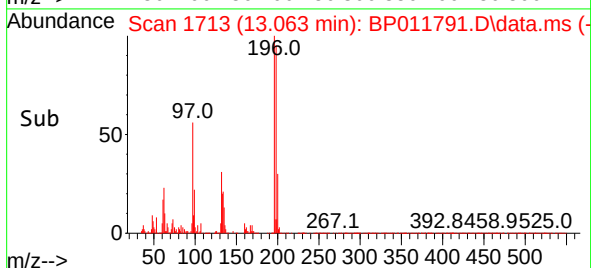
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

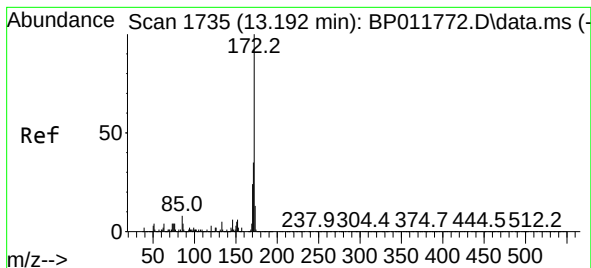


#44
2,4,5-Trichlorophenol
Concen: 57.833 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54



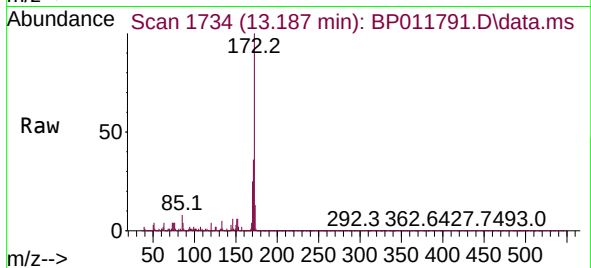
Tgt Ion:196 Resp: 1030583
Ion Ratio Lower Upper
196 100
198 95.0 77.0 115.6
97 56.8 46.2 69.4
132 31.2 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 107.361 ng
RT: 13.187 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

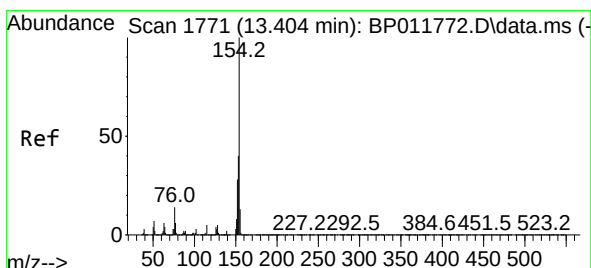
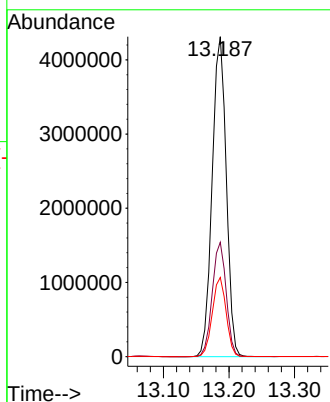
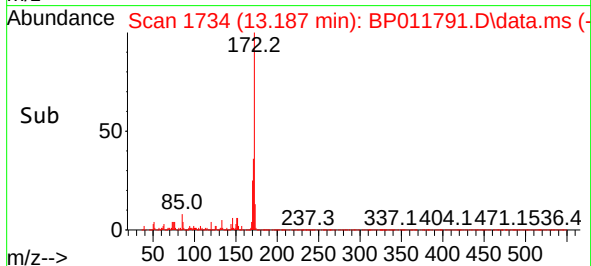
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



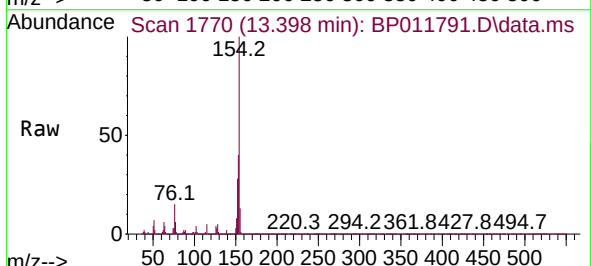
Tgt Ion:172 Resp: 6452012
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 24.7 19.5 29.3

Manual Integrations
APPROVED

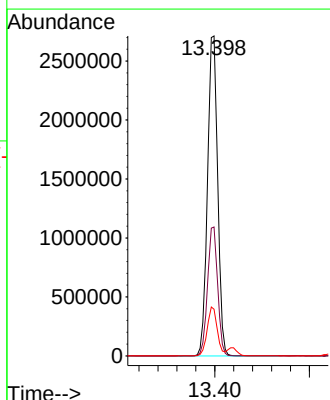
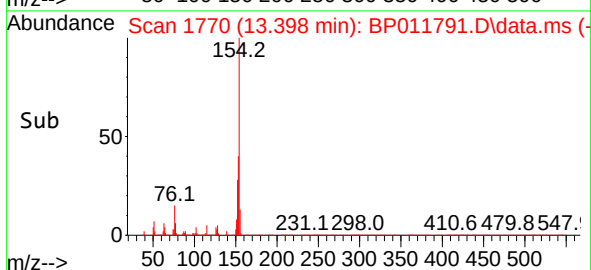
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

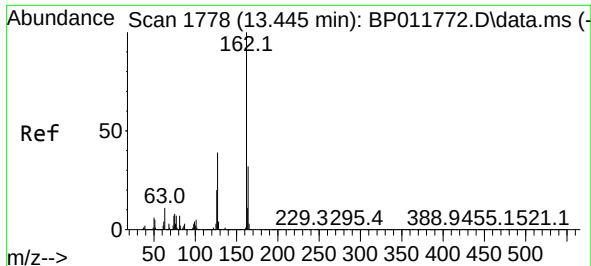


#46
1,1'-Biphenyl
Concen: 58.545 ng
RT: 13.398 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54



Tgt Ion:154 Resp: 4042466
Ion Ratio Lower Upper
154 100
153 40.3 19.5 59.5
76 14.6 0.0 34.2





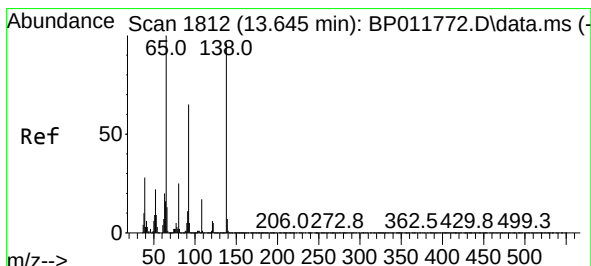
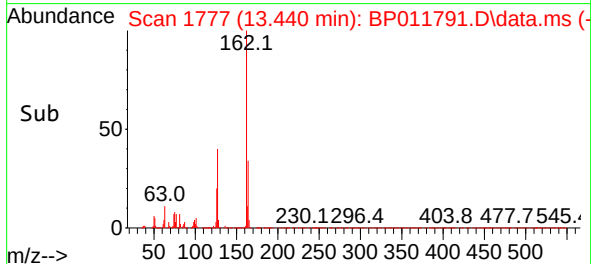
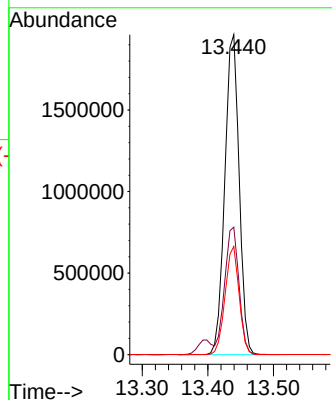
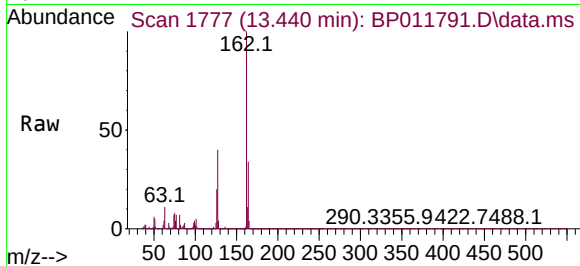
#47
2-Chloronaphthalene
Concen: 55.860 ng
RT: 13.440 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Instrument :
BNA_P
ClientSampleId :
WC-1MSD

Tgt Ion:162 Resp: 2991779
Ion Ratio Lower Upper
162 100
127 39.8 31.5 47.3
164 33.8 25.9 38.9

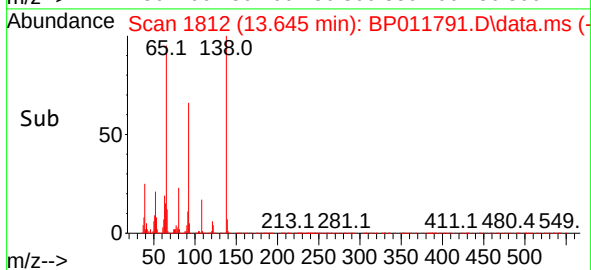
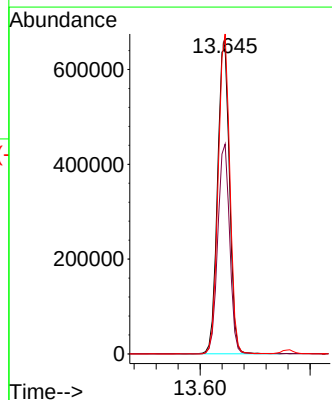
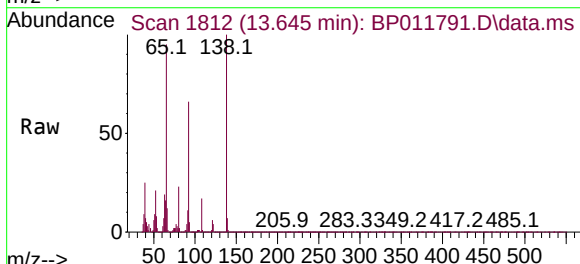
Manual Integrations
APPROVED

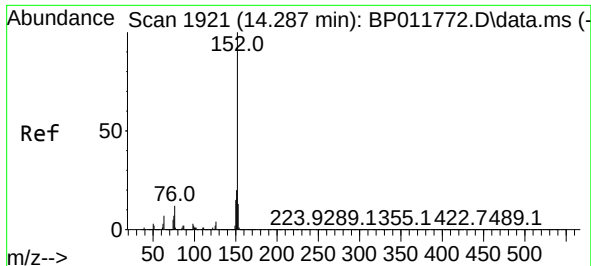
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#48
2-Nitroaniline
Concen: 51.791 ng
RT: 13.645 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

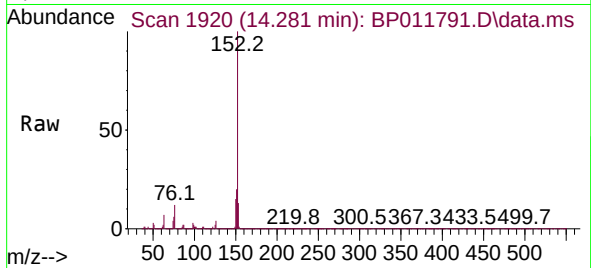
Tgt Ion: 65 Resp: 988972
Ion Ratio Lower Upper
65 100
92 68.9 52.3 78.5
138 105.0 76.5 114.7





#49
Acenaphthylene
Concen: 54.034 ng
RT: 14.281 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

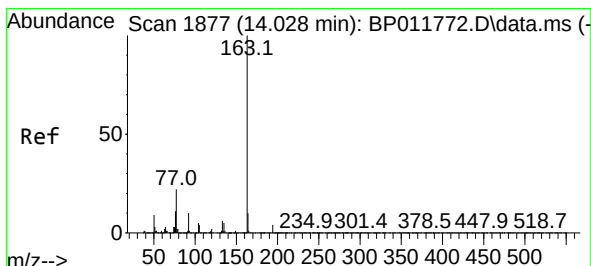
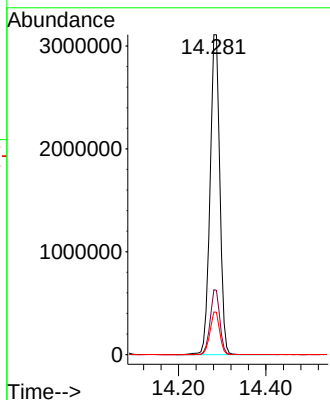
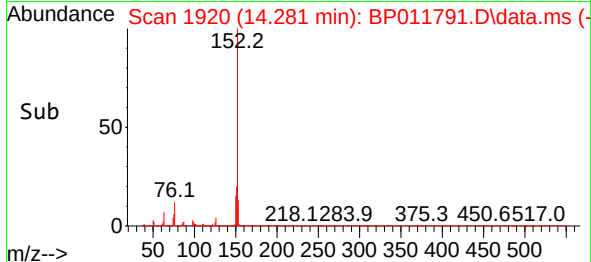
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



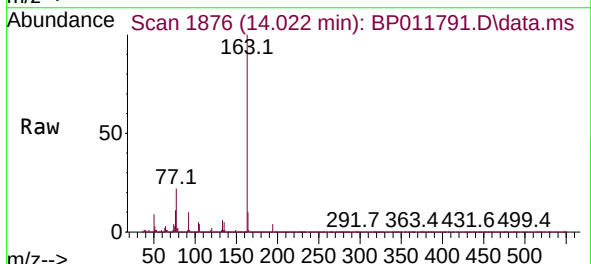
Tgt Ion:152 Resp: 4803560
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.3 10.6 16.0

Manual Integrations
APPROVED

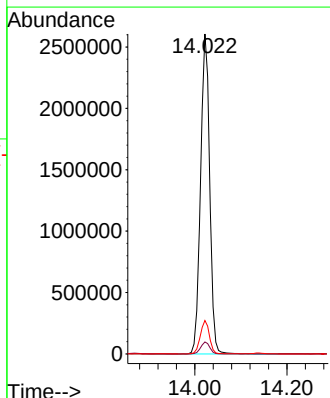
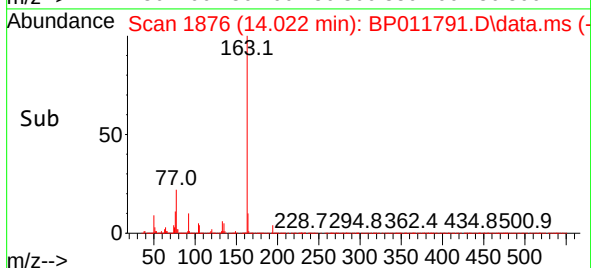
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

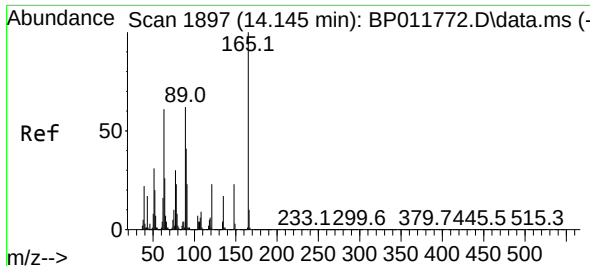


#50
Dimethylphthalate
Concen: 51.076 ng
RT: 14.022 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54



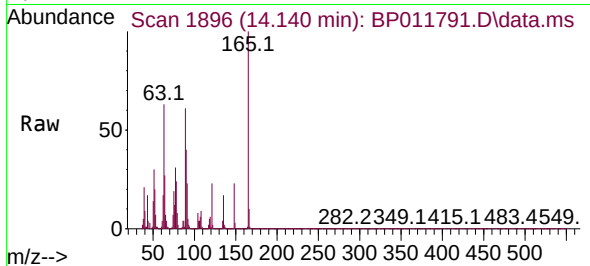
Tgt Ion:163 Resp: 3559051
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.4 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 53.719 ng
RT: 14.140 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

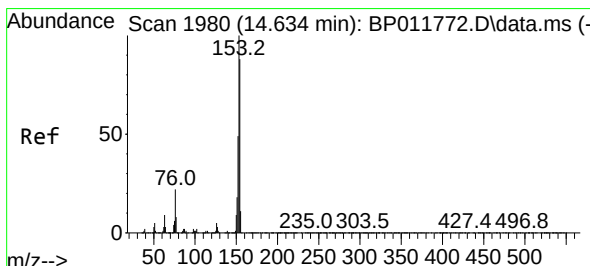
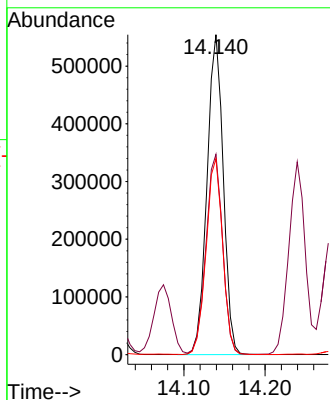
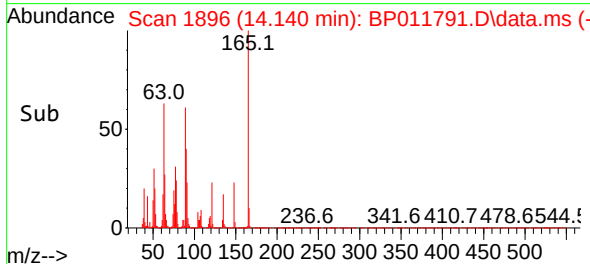
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



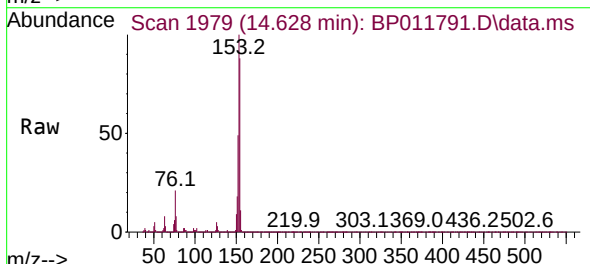
Tgt Ion:165 Resp: 772848
Ion Ratio Lower Upper
165 100
63 62.6 51.0 76.4
89 61.2 49.3 73.9

Manual Integrations
APPROVED

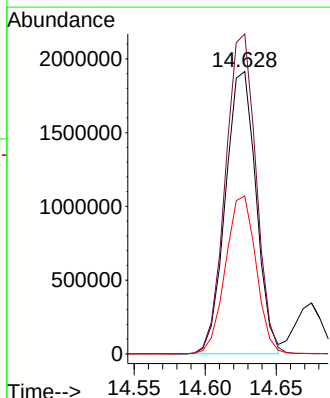
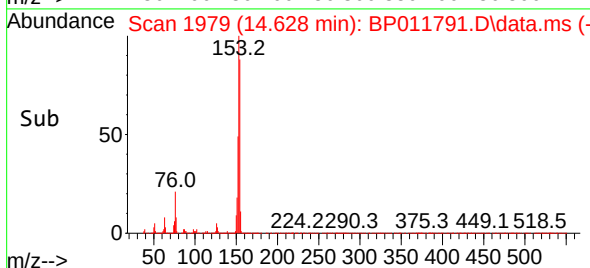
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

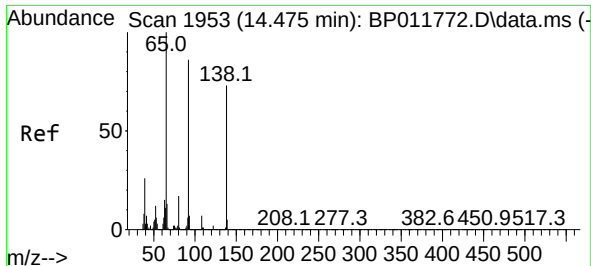


#52
Acenaphthene
Concen: 52.573 ng
RT: 14.628 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54



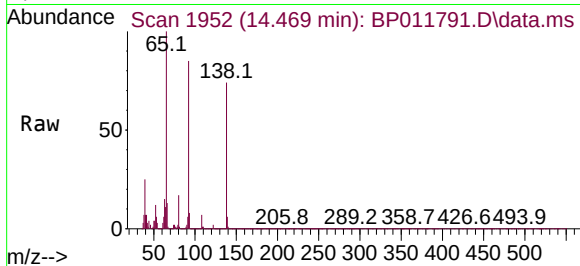
Tgt Ion:154 Resp: 2866387
Ion Ratio Lower Upper
154 100
153 113.3 90.8 136.2
152 56.0 44.6 66.8





#53
3-Nitroaniline
Concen: 39.935 ng
RT: 14.469 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

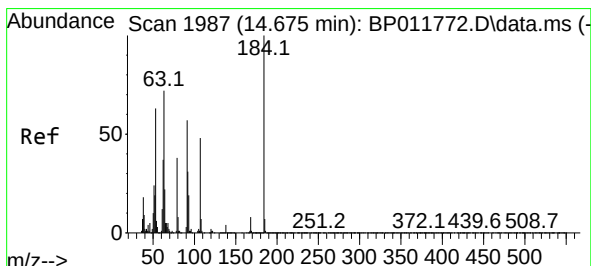
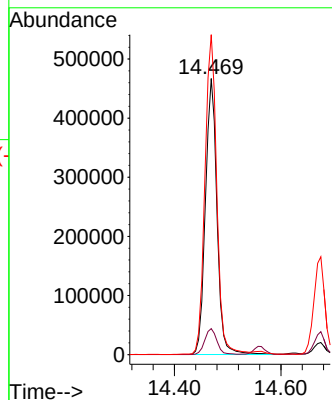
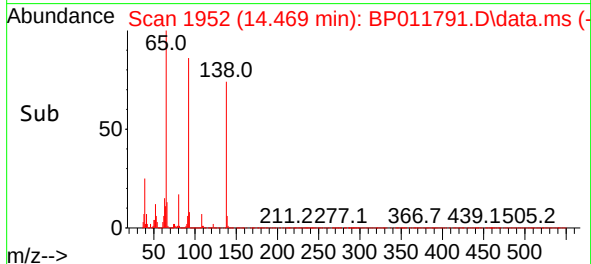
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



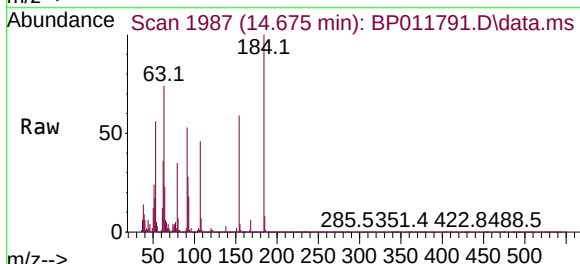
Tgt Ion:138 Resp: 703678
Ion Ratio Lower Upper
138 100
108 9.4 7.6 11.4
92 115.9 94.6 142.0

Manual Integrations
APPROVED

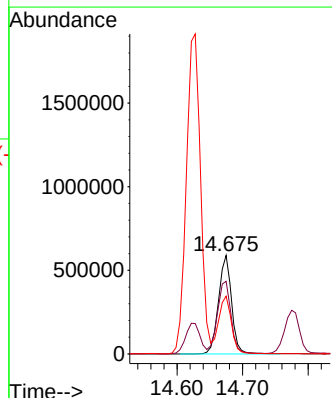
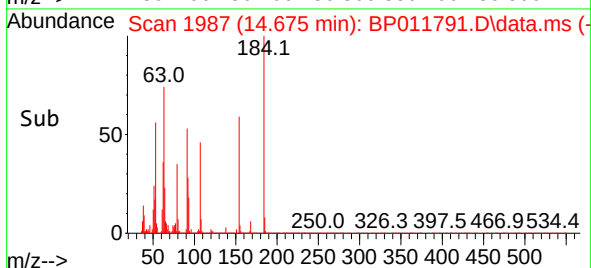
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

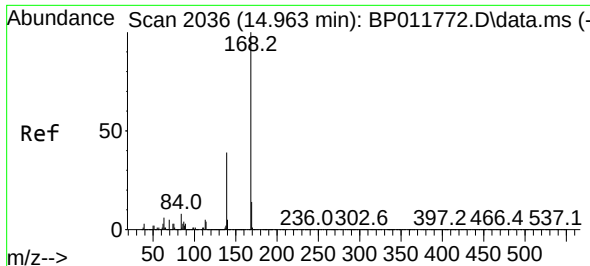


#54
2,4-Dinitrophenol
Concen: 104.666 ng
RT: 14.675 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54



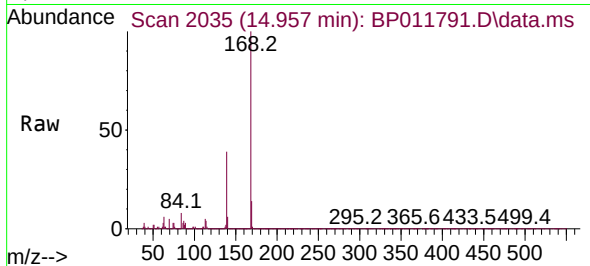
Tgt Ion:184 Resp: 812497
Ion Ratio Lower Upper
184 100
63 73.6 65.7 98.5
154 58.6 48.2 72.4





#55
Dibenzofuran
Concen: 51.946 ng
RT: 14.957 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

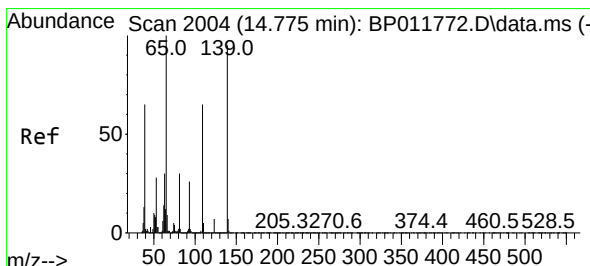
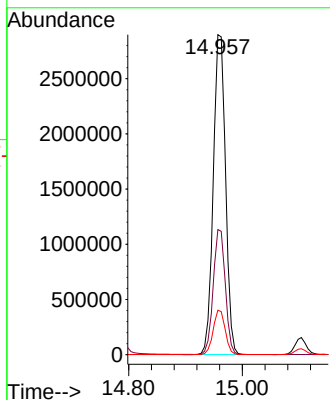
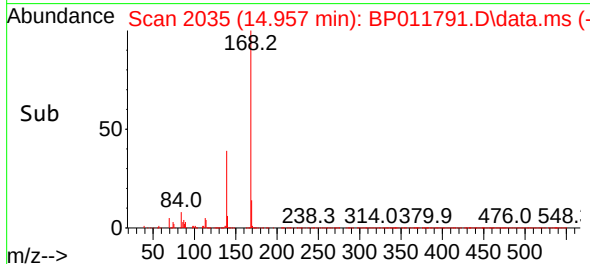
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



Tgt Ion:168 Resp: 4340976
Ion Ratio Lower Upper
168 100
139 39.1 31.3 46.9
169 13.9 11.0 16.4

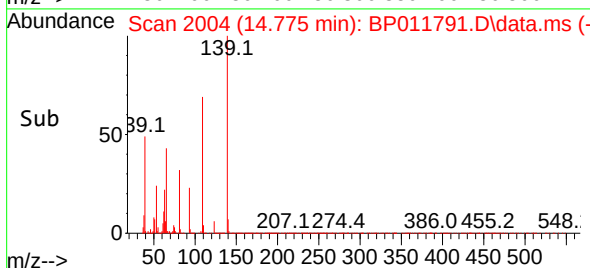
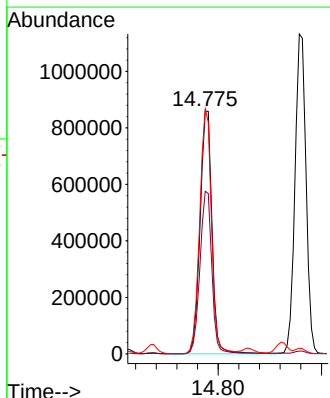
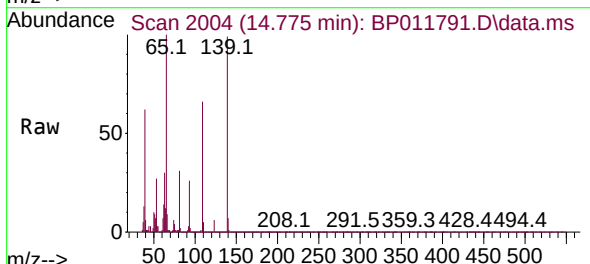
Manual Integrations
APPROVED

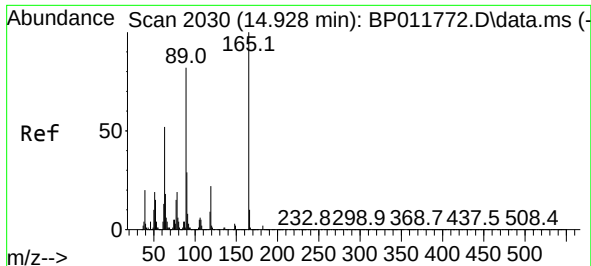
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#56
4-Nitrophenol
Concen: 93.935 ng
RT: 14.775 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

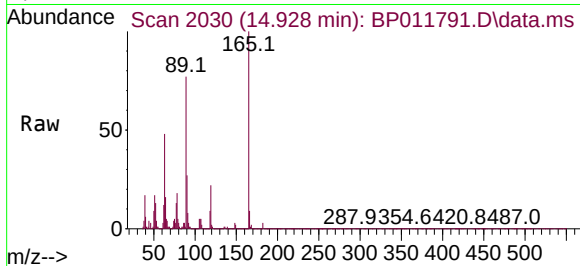
Tgt Ion:139 Resp: 1374543
Ion Ratio Lower Upper
139 100
109 67.0 48.3 88.3
65 100.9 85.0 125.0





#57
2,4-Dinitrotoluene
Concen: 47.862 ng
RT: 14.928 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

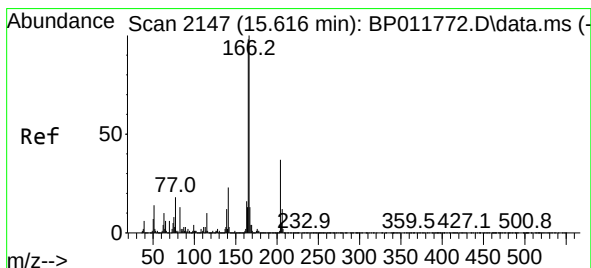
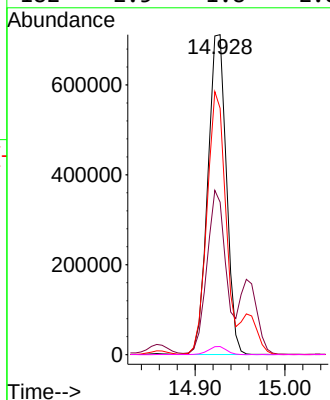
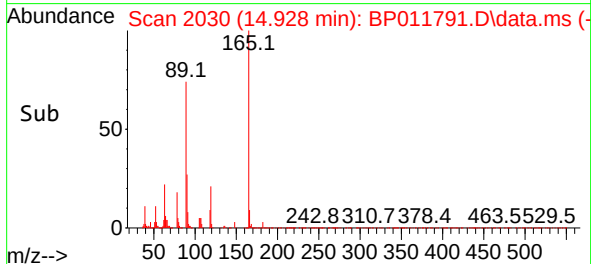
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



Tgt Ion:165 Resp: 1022627
Ion Ratio Lower Upper
165 100
63 47.6 41.4 62.2
89 77.0 66.0 99.0
182 2.5 1.8 2.8

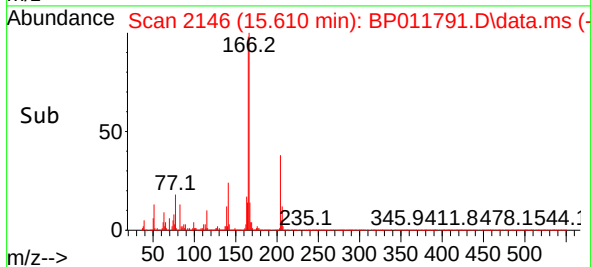
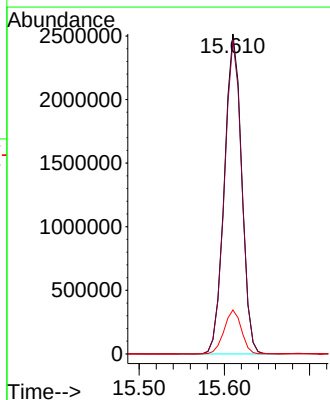
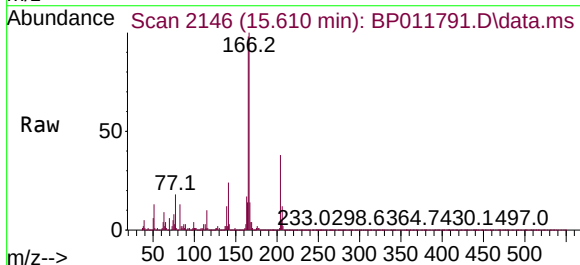
Manual Integrations
APPROVED

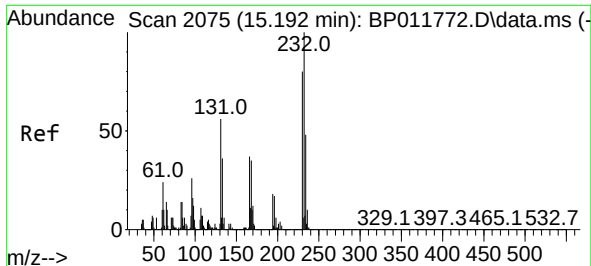
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#58
Fluorene
Concen: 49.936 ng
RT: 15.610 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

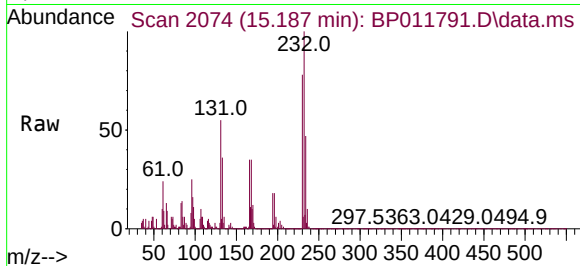
Tgt Ion:166 Resp: 3540350
Ion Ratio Lower Upper
166 100
165 98.1 78.2 117.4
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.014 ng m
RT: 15.187 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

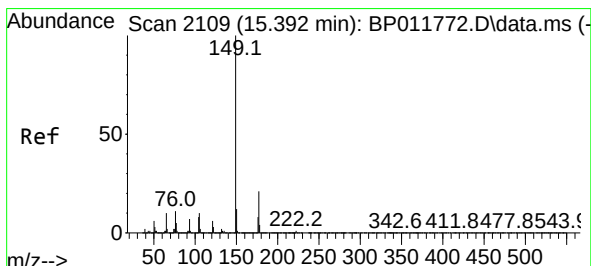
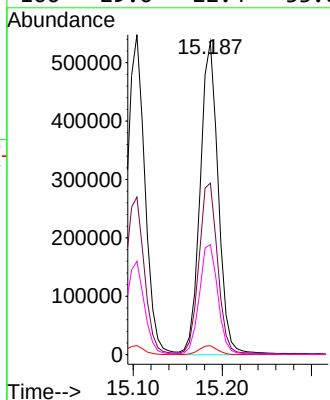
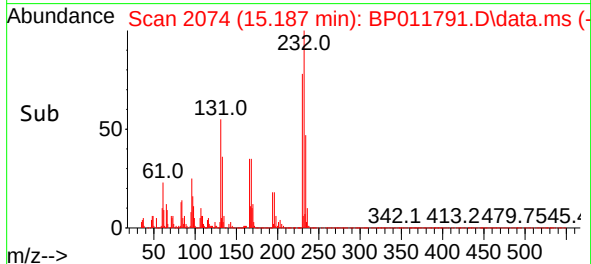
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



Tgt Ion:232 Resp: 756779
Ion Ratio Lower Upper
232 100
131 51.4 39.5 59.3
130 2.9 2.3 3.5
166 29.6 22.4 33.6

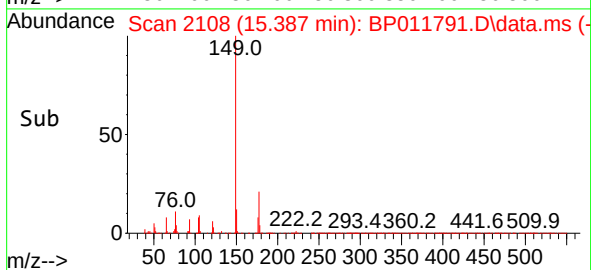
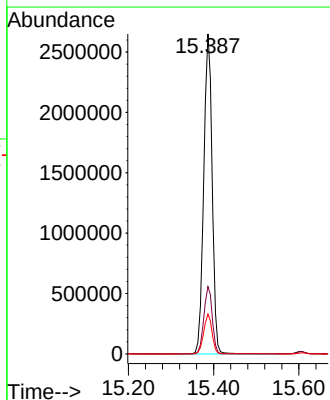
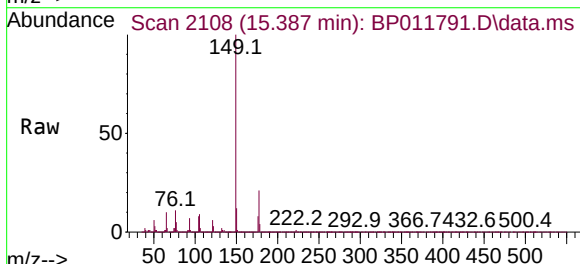
Manual Integrations
APPROVED

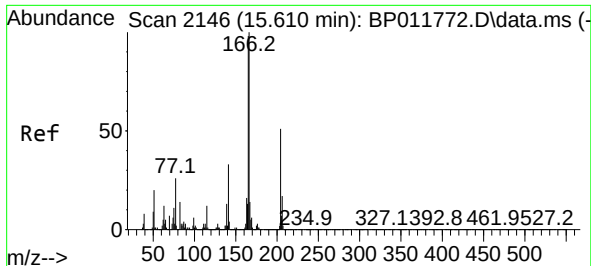
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#60
Diethylphthalate
Concen: 49.822 ng
RT: 15.387 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

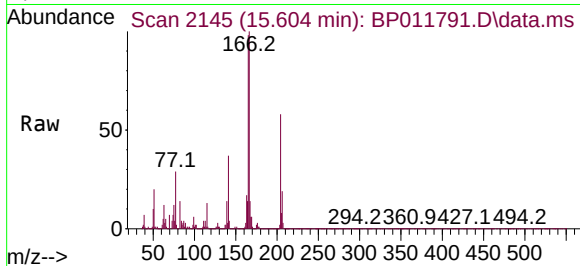
Tgt Ion:149 Resp: 3624917
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 54.130 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

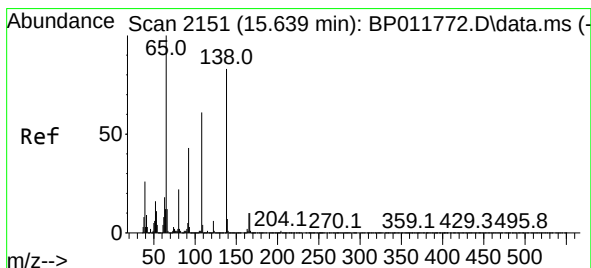
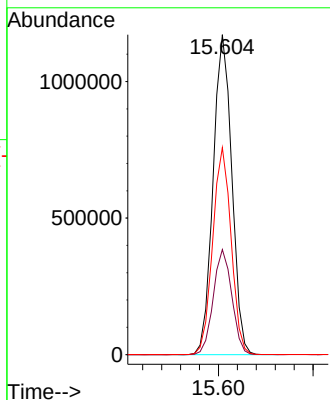
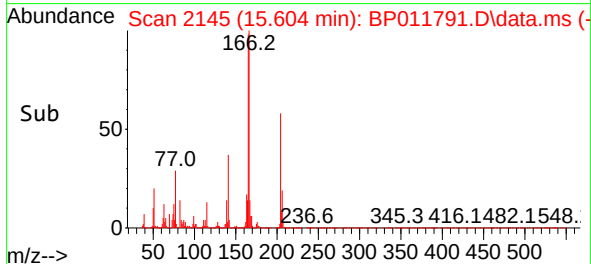
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



Tgt Ion: 204 Resp: 1604498
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 64.7 51.4 77.2

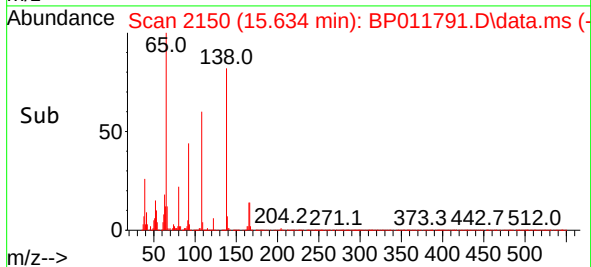
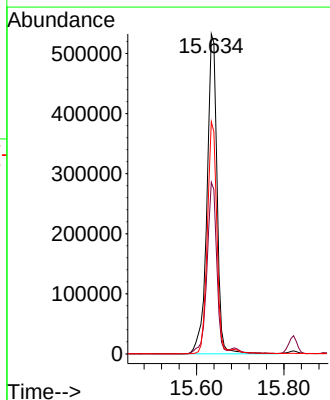
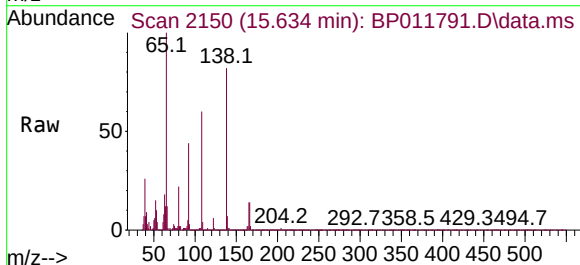
Manual Integrations
APPROVED

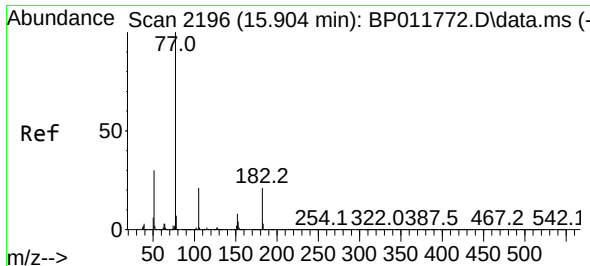
Reviewed By : Christian Giraldo 09/26/2022
Supervised By : Jagrut Upadhyay 09/26/2022



#62
4-Nitroaniline
Concen: 41.557 ng
RT: 15.634 min Scan# 2150
Delta R.T. -0.005 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

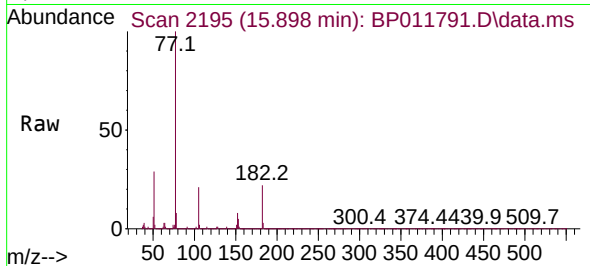
Tgt Ion: 138 Resp: 849212
Ion Ratio Lower Upper
138 100
92 53.6 31.9 71.9
108 72.6 53.3 93.3





#63
Azobenzene
Concen: 48.448 ng
RT: 15.898 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

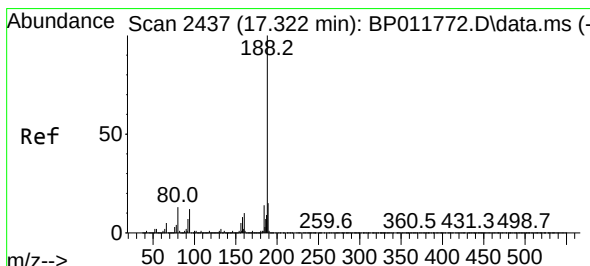
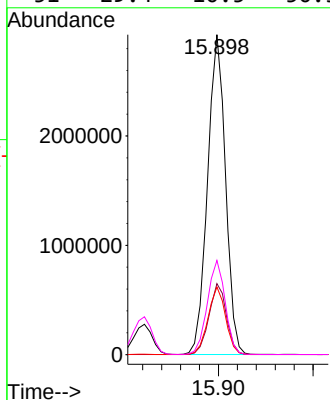
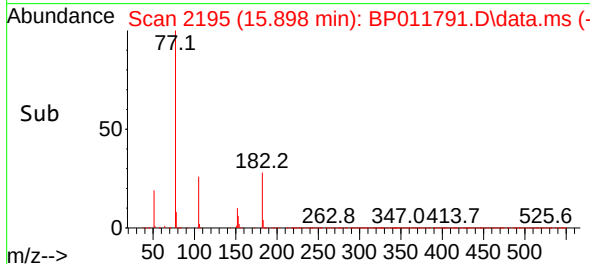
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



Tgt Ion: 77 Resp: 3859724
Ion Ratio Lower Upper
77 100
182 22.2 1.3 41.3
105 21.1 0.5 40.5
51 29.4 10.5 50.5

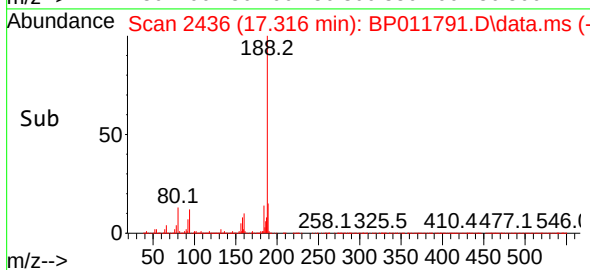
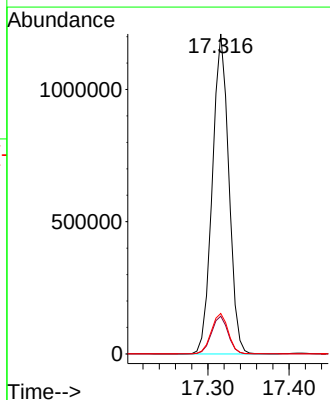
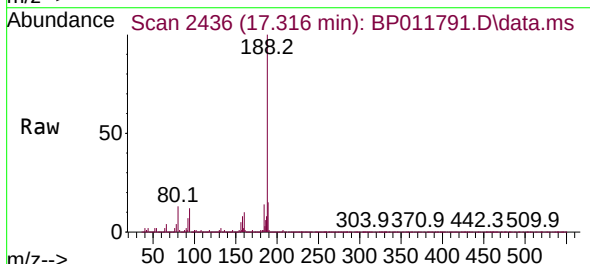
Manual Integrations
APPROVED

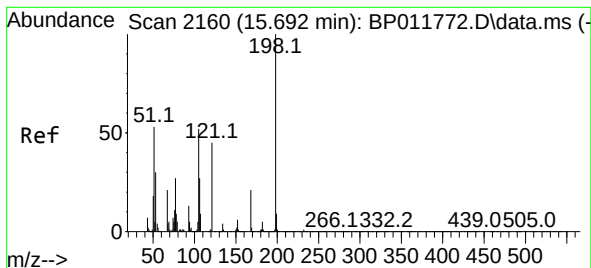
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Tgt Ion:188 Resp: 1703467
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.0
80 12.6 10.6 15.8





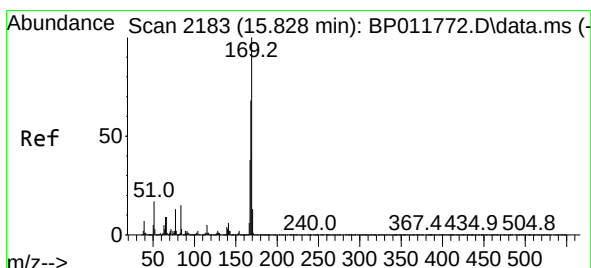
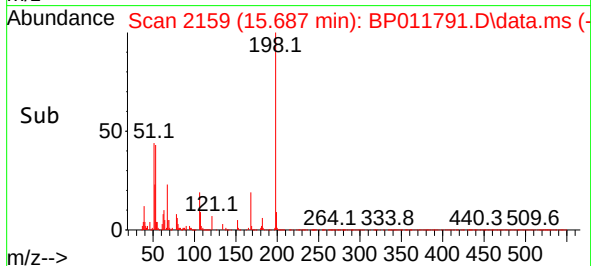
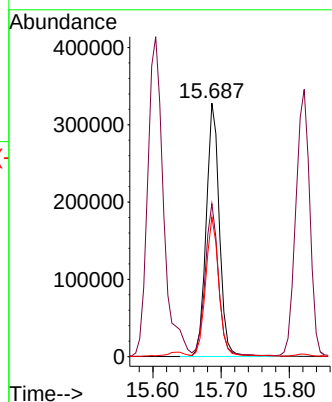
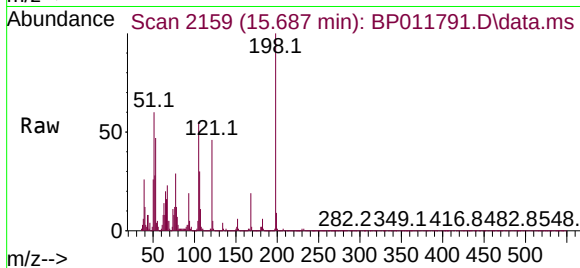
#65
4,6-Dinitro-2-methylphenol
Concen: 50.473 ng
RT: 15.687 min Scan# 2159
Delta R.T. -0.005 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Instrument :
BNA_P
ClientSampleId :
WC-1MSD

Tgt Ion:198 Resp: 438580
Ion Ratio Lower Upper
198 100
51 60.3 41.6 81.6
105 55.1 33.2 73.2

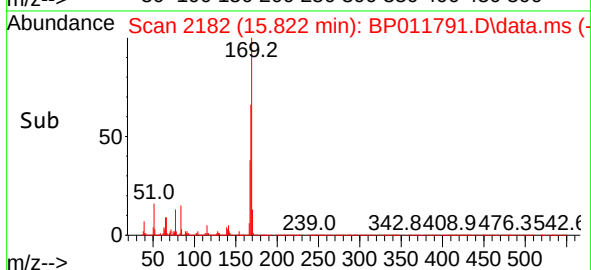
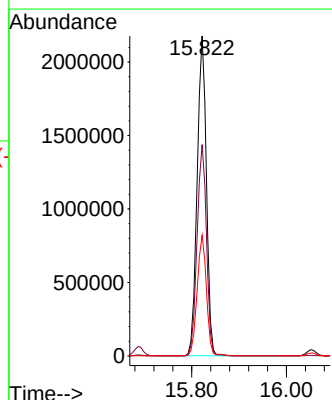
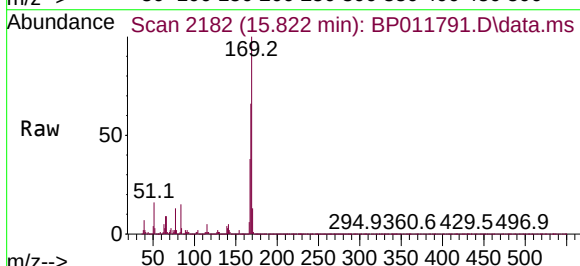
Manual Integrations
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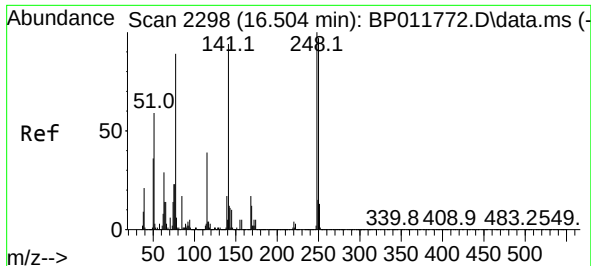
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#66
n-Nitrosodiphenylamine
Concen: 58.163 ng
RT: 15.822 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Tgt Ion:169 Resp: 2952207
Ion Ratio Lower Upper
169 100
168 66.0 54.5 81.7
167 37.7 30.1 45.1





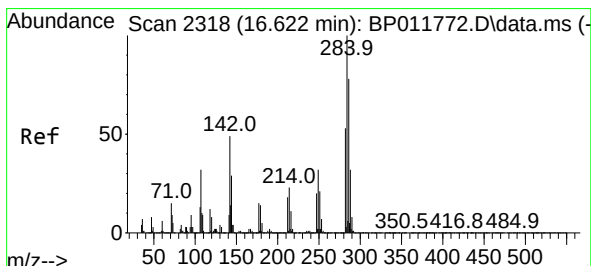
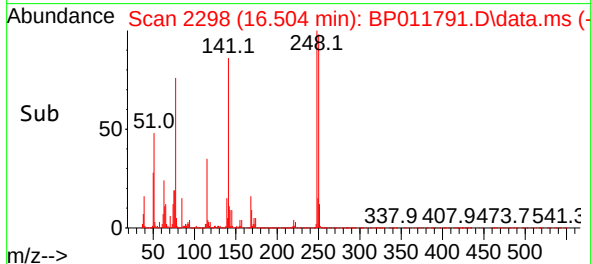
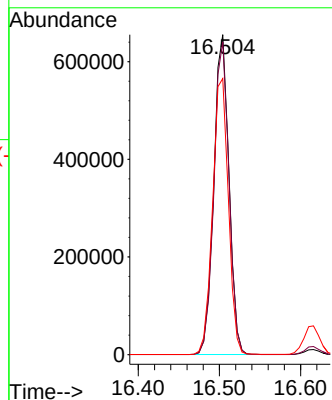
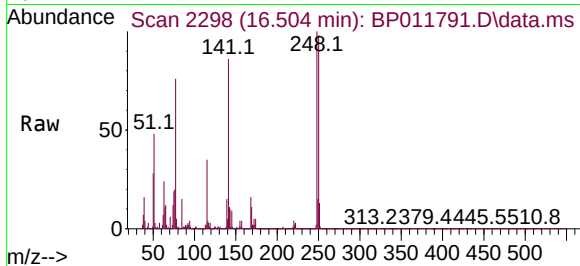
#67
4-Bromophenyl-phenylether
Concen: 60.846 ng
RT: 16.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Instrument :
BNA_P
ClientSampleId :
WC-1MSD

Tgt Ion:248 Resp: 850004
Ion Ratio Lower Upper
248 100
250 97.7 77.6 116.4
141 86.3 75.4 113.0

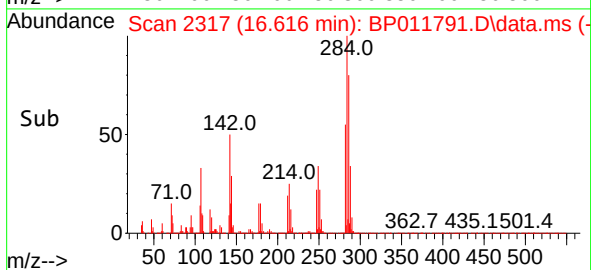
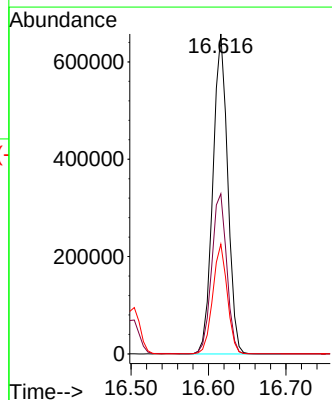
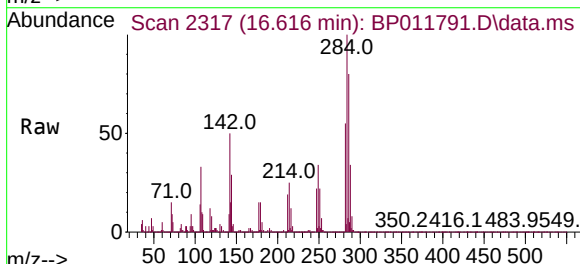
Manual Integrations
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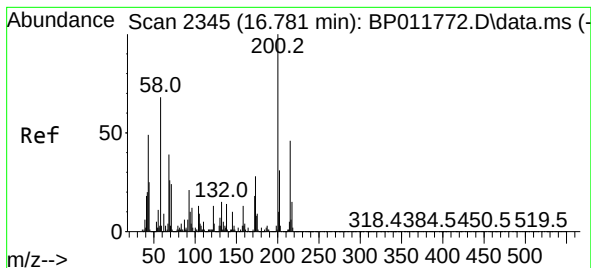
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#68
Hexachlorobenzene
Concen: 58.712 ng
RT: 16.616 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Tgt Ion:284 Resp: 871476
Ion Ratio Lower Upper
284 100
142 50.0 39.0 58.4
249 34.3 25.9 38.9





#69

Atrazine

Concen: 61.049 ng

RT: 16.781 min Scan# 2345

Delta R.T. 0.000 min

Lab File: BP011791.D

Acq: 23 Sep 2022 19:54

Instrument :

BNA_P

ClientSampleId :

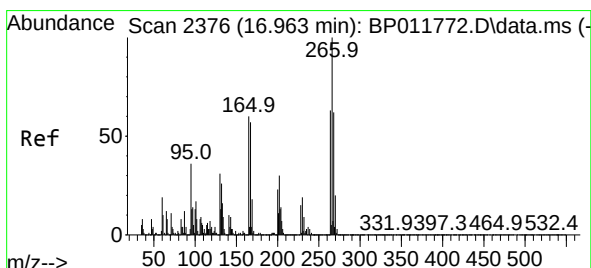
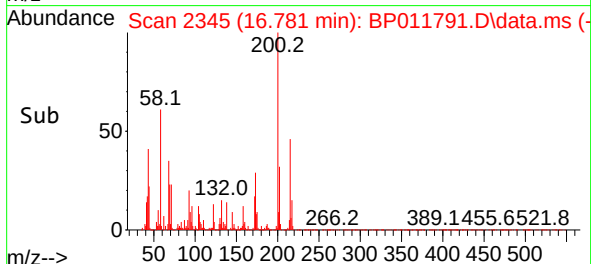
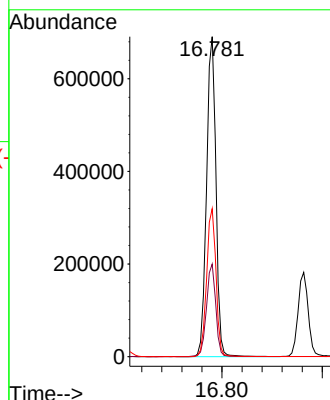
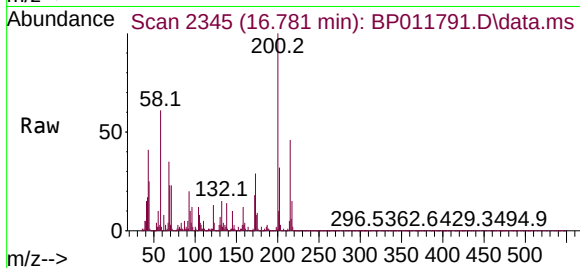
WC-1MSD

Tgt Ion:200 Resp: 897322
 Ion Ratio Lower Upper
 200 100
 173 28.9 8.5 48.5
 215 46.3 26.3 66.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/26/2022
 Supervised By :Jagrut Upadhyay 09/26/2022



#70

Pentachlorophenol

Concen: 104.143 ng

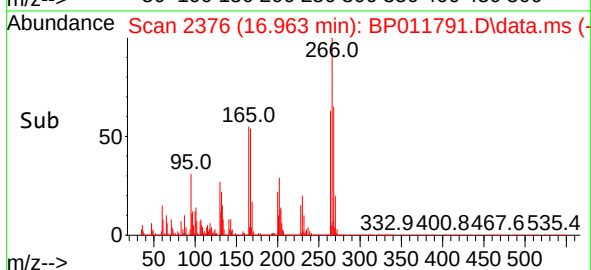
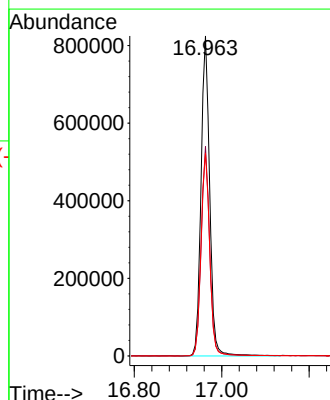
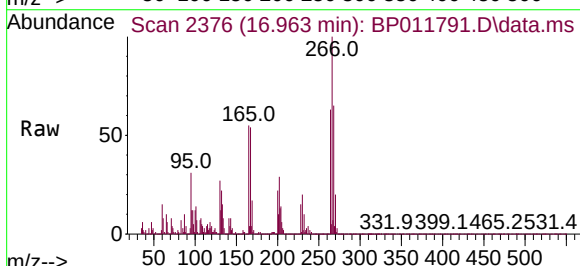
RT: 16.963 min Scan# 2376

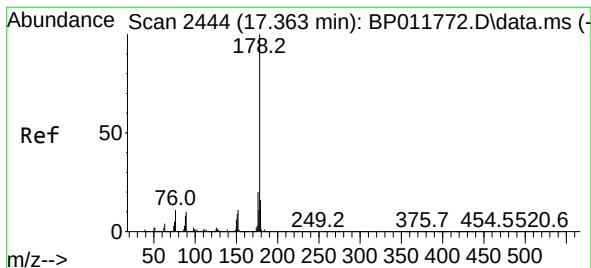
Delta R.T. -0.000 min

Lab File: BP011791.D

Acq: 23 Sep 2022 19:54

Tgt Ion:266 Resp: 1127067
 Ion Ratio Lower Upper
 266 100
 268 65.4 49.7 74.5
 264 63.4 50.6 75.8





#71

Phenanthrene

Concen: 52.220 ng

RT: 17.357 min Scan# 2444

Delta R.T. -0.006 min

Lab File: BP011791.D

Acq: 23 Sep 2022 19:54

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

Tgt Ion:178 Resp: 501716

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.2

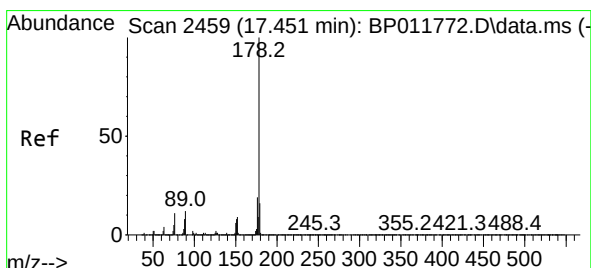
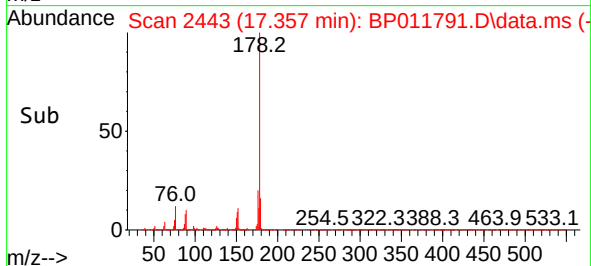
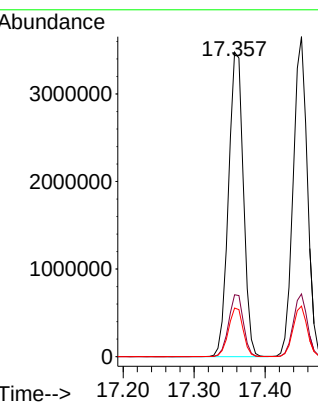
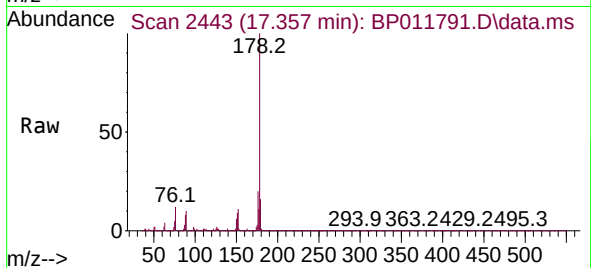
179 16.0 12.6 18.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#72

Anthracene

Concen: 55.308 ng

RT: 17.451 min Scan# 2459

Delta R.T. 0.000 min

Lab File: BP011791.D

Acq: 23 Sep 2022 19:54

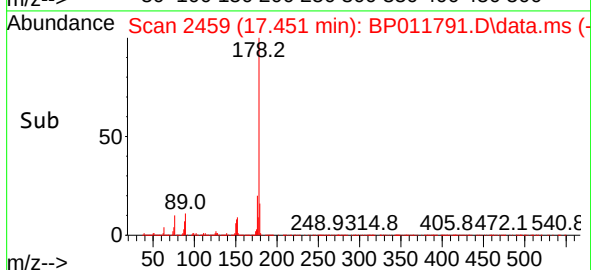
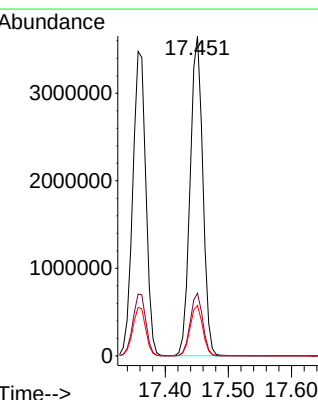
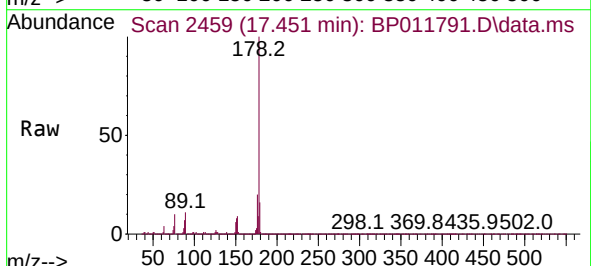
Tgt Ion:178 Resp: 5082464

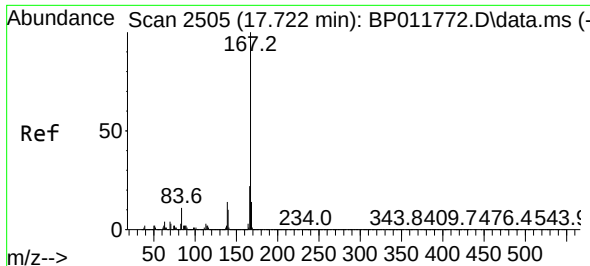
Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

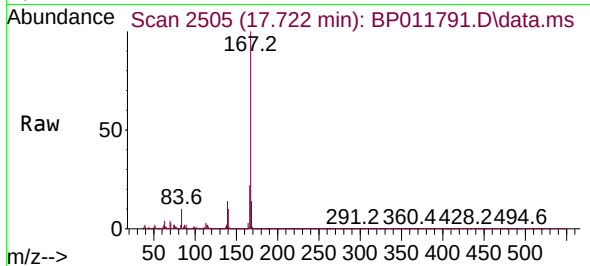
179 15.8 12.7 19.1





#73
 Carbazole
 Concen: 52.411 ng
 RT: 17.722 min Scan# 2505
 Delta R.T. 0.000 min
 Lab File: BP011791.D
 Acq: 23 Sep 2022 19:54

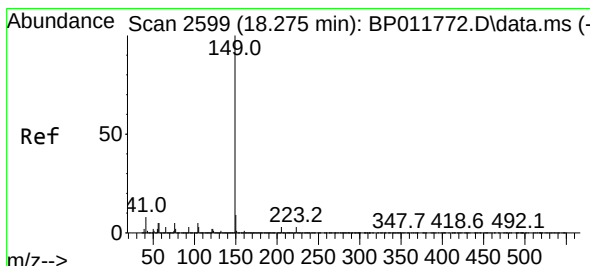
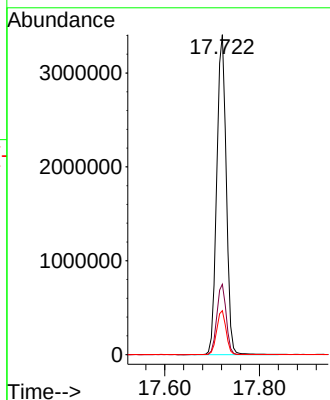
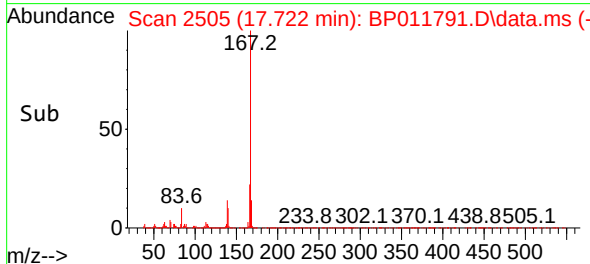
Instrument :
 BNA_P
 ClientSampleId :
 WC-1MSD



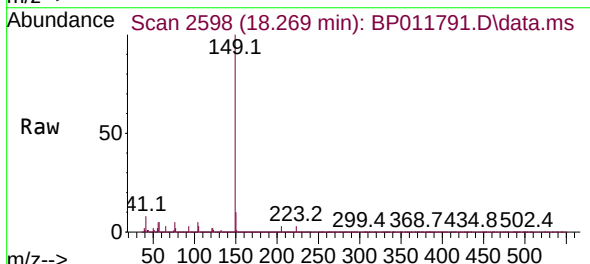
Tgt Ion:167 Resp: 4716934
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.7 11.0 16.6

Manual Integrations
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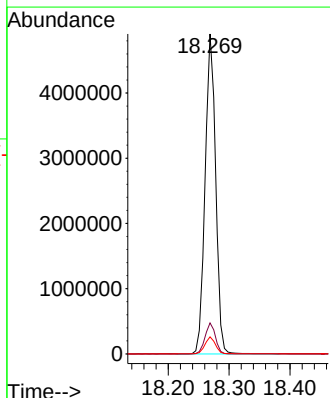
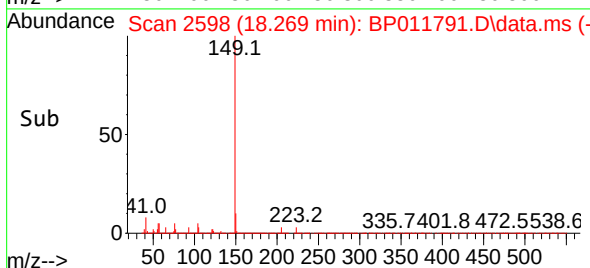
Reviewed By :Christian Giraldo 09/26/2022
 Supervised By :Jagrut Upadhyay 09/26/2022

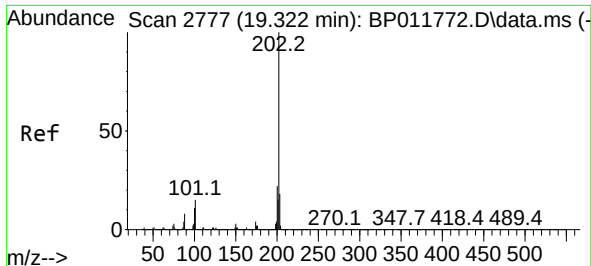


#74
 Di-n-butylphthalate
 Concen: 54.268 ng
 RT: 18.269 min Scan# 2598
 Delta R.T. -0.006 min
 Lab File: BP011791.D
 Acq: 23 Sep 2022 19:54



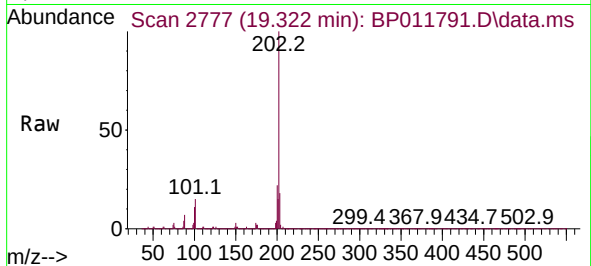
Tgt Ion:149 Resp: 5882994
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.3 4.2 6.4





#75
Fluoranthene
Concen: 49.017 ng
RT: 19.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

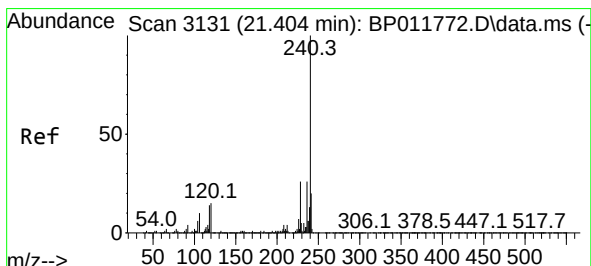
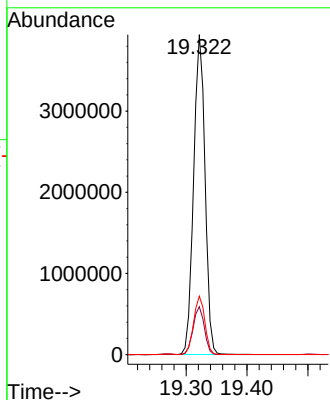
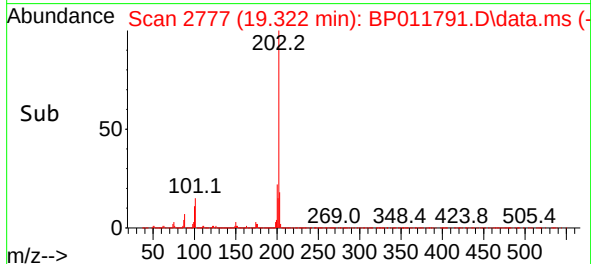
Instrument :
BNA_P
ClientSampleId :
WC-1MSD



Tgt Ion:202 Resp: 5119784
Ion Ratio Lower Upper
202 100
101 15.0 0.0 35.5
203 18.3 0.0 38.1

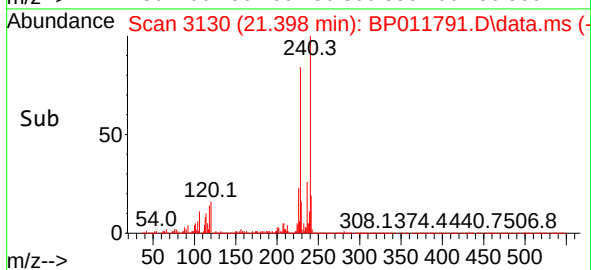
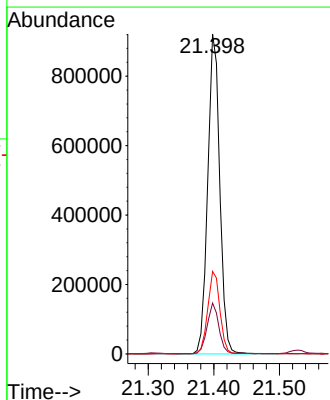
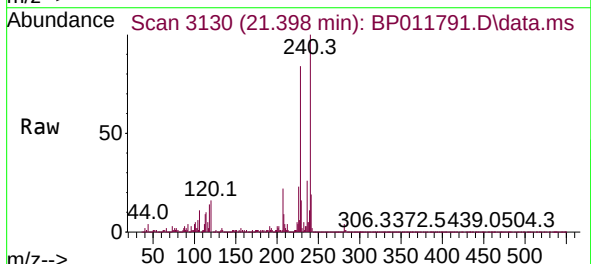
Manual Integrations
APPROVED

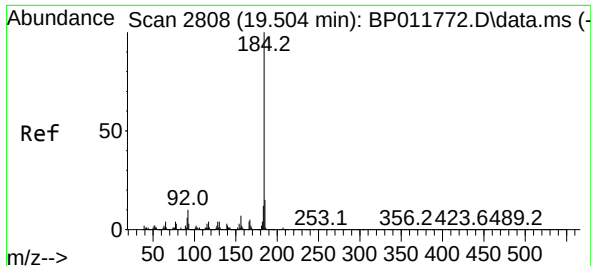
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Tgt Ion:240 Resp: 1172493
Ion Ratio Lower Upper
240 100
120 15.9 12.0 18.0
236 25.8 21.1 31.7





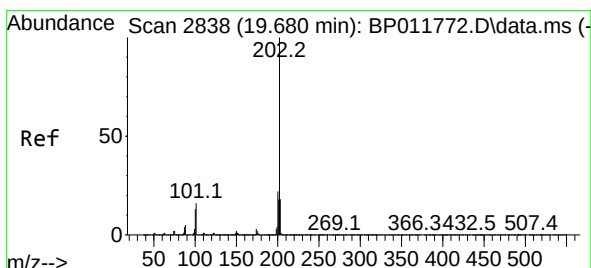
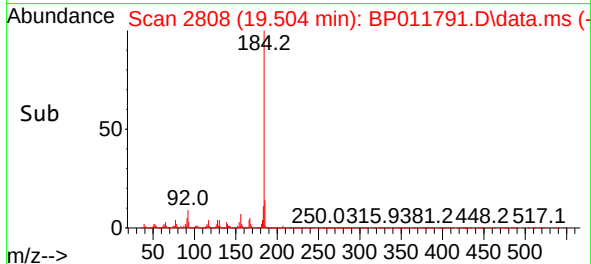
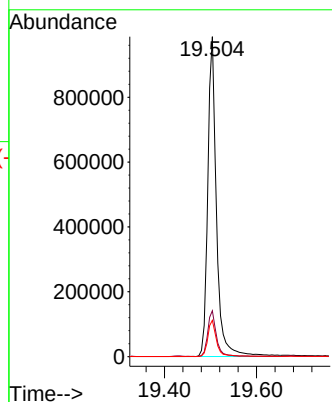
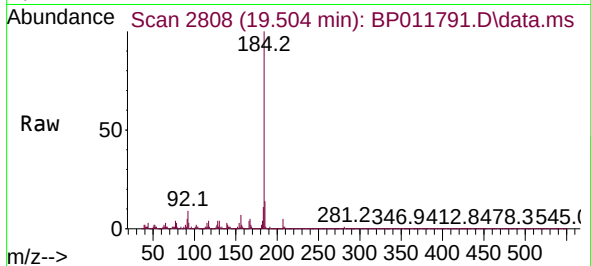
#77
Benzidine
Concen: 56.775 ng
RT: 19.504 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Instrument :
BNA_P
ClientSampleId :
WC-1MSD

Tgt Ion:184 Resp: 1291964
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.3 9.3 13.9

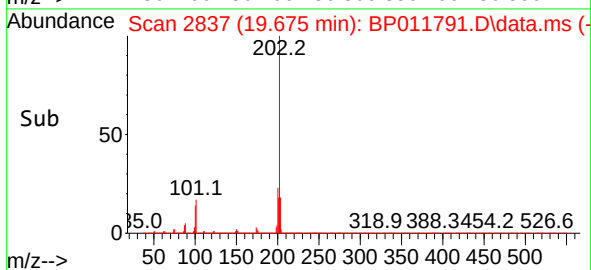
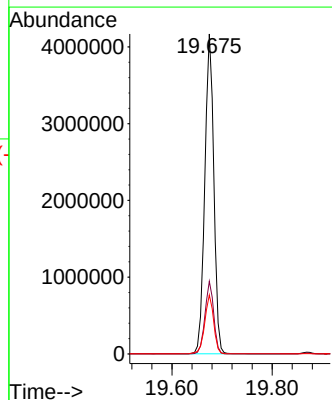
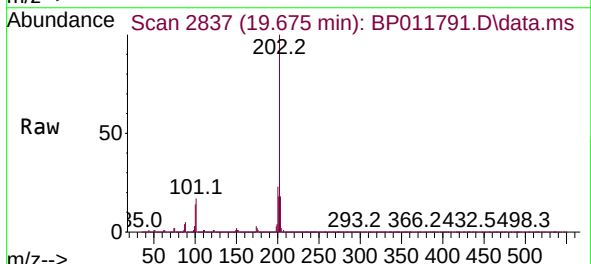
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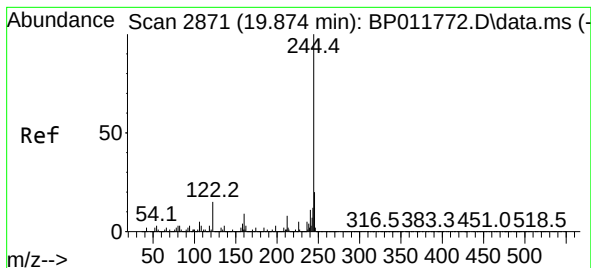
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#78
Pyrene
Concen: 66.610 ng
RT: 19.675 min Scan# 2837
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Tgt Ion:202 Resp: 5218673
Ion Ratio Lower Upper
202 100
200 22.7 17.8 26.6
203 18.5 14.3 21.5





#79

Terphenyl-d14

Concen: 136.344 ng

RT: 19.869 min Scan# 2871

Delta R.T. -0.006 min

Lab File: BP011791.D

Acq: 23 Sep 2022 19:54

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

Tgt Ion:244 Resp: 6952524

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

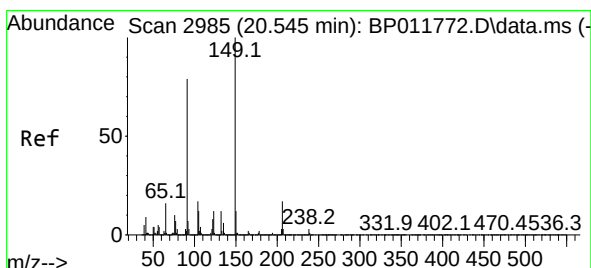
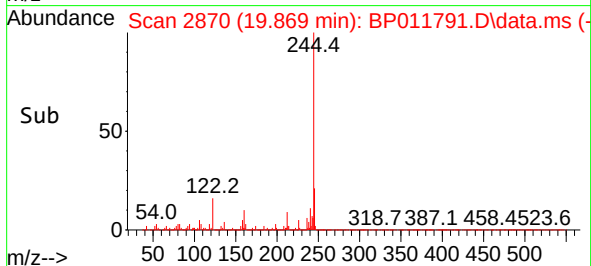
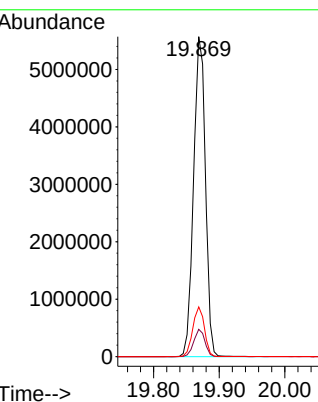
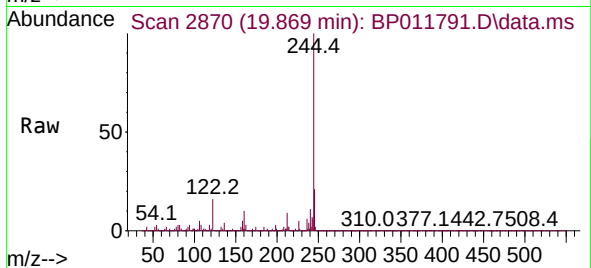
122 15.5 11.8 17.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#80

Butylbenzylphthalate

Concen: 57.071 ng

RT: 20.545 min Scan# 2985

Delta R.T. 0.000 min

Lab File: BP011791.D

Acq: 23 Sep 2022 19:54

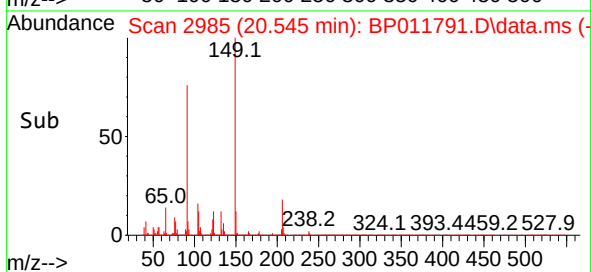
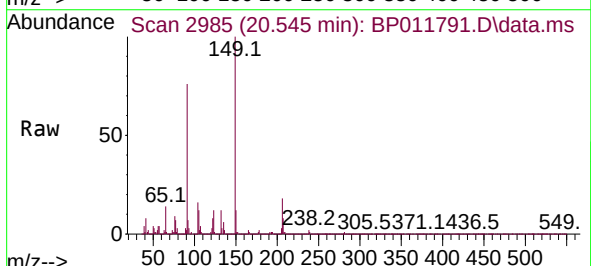
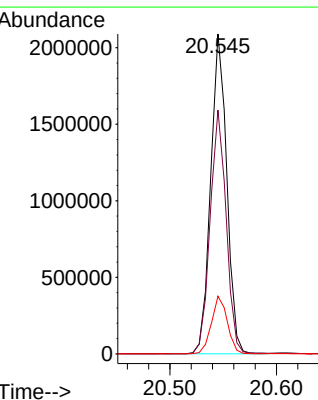
Tgt Ion:149 Resp: 2195361

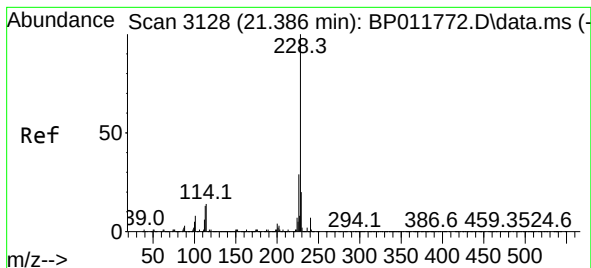
Ion Ratio Lower Upper

149 100

91 76.2 63.1 94.7

206 18.0 13.6 20.4





#81

Benzo(a)anthracene

Concen: 54.601 ng

RT: 21.386 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP011791.D

Acq: 23 Sep 2022 19:54

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

Tgt Ion:228 Resp: 4223975

Ion Ratio Lower Upper

228 100

226 28.7 23.1 34.7

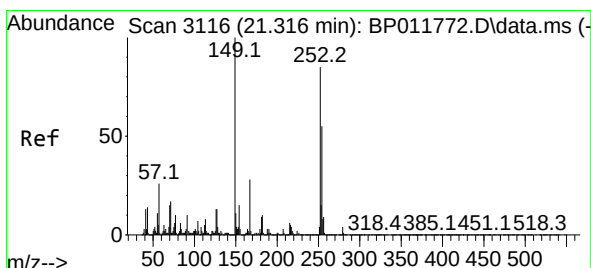
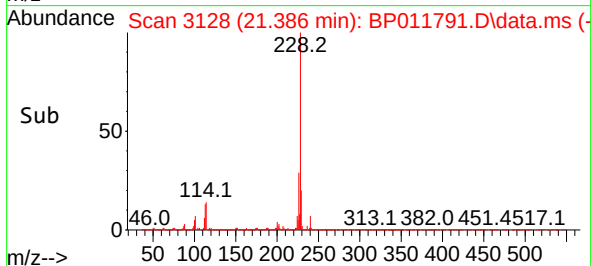
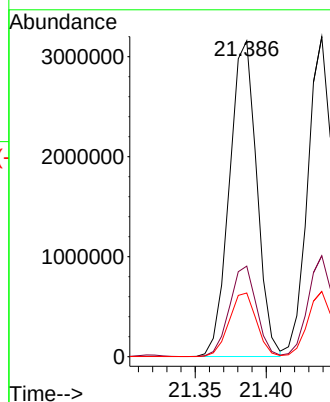
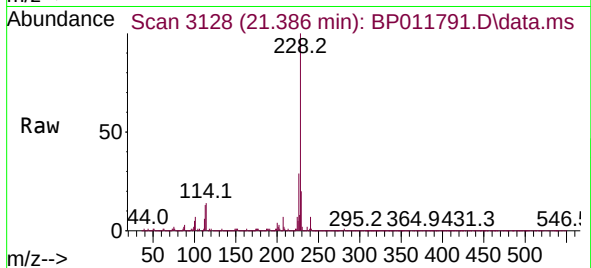
229 20.2 16.3 24.5

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Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#82

3,3'-Dichlorobenzidine

Concen: 50.408 ng

RT: 21.316 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP011791.D

Acq: 23 Sep 2022 19:54

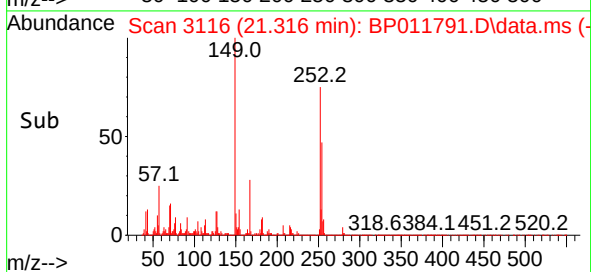
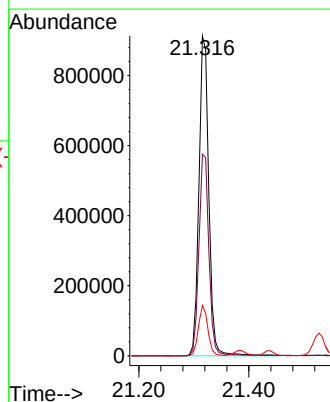
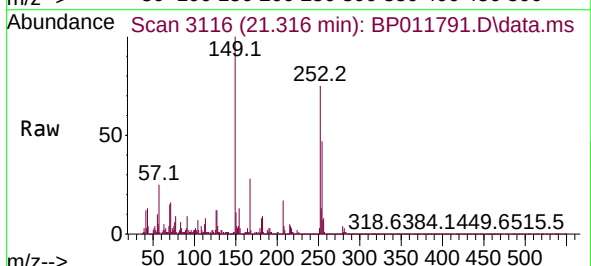
Tgt Ion:252 Resp: 1137267

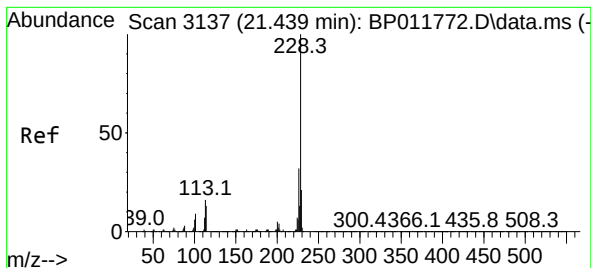
Ion Ratio Lower Upper

252 100

254 63.0 51.4 77.2

126 15.8 12.6 18.8





#83

Chrysene

Concen: 53.195 ng

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BP011791.D

Acq: 23 Sep 2022 19:54

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

Tgt Ion:228 Resp: 389928

Ion Ratio Lower Upper

228 100

226 31.5 25.5 38.3

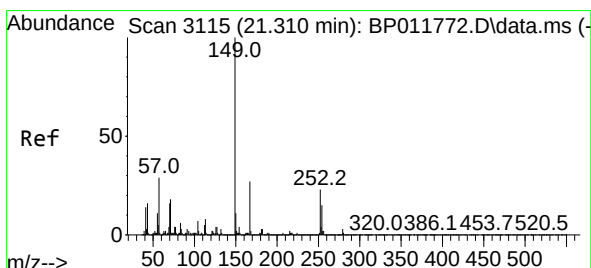
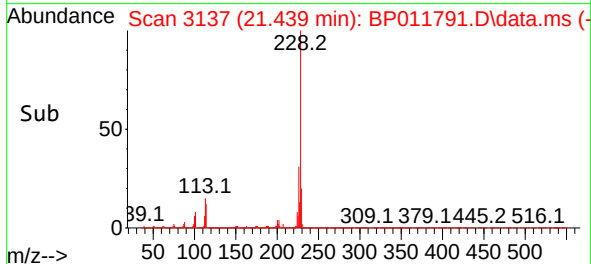
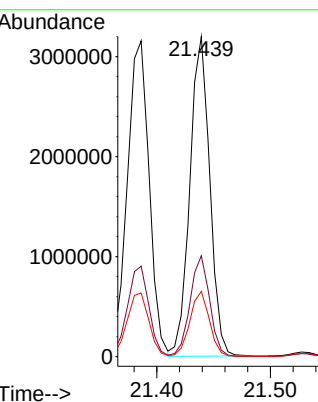
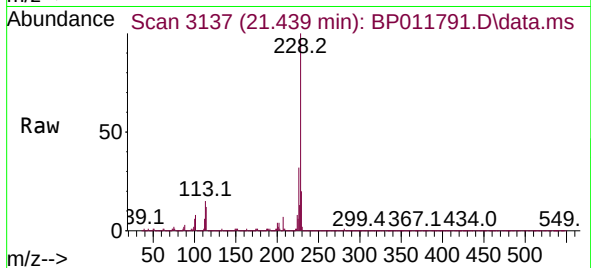
229 20.4 16.4 24.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.681 ng

RT: 21.304 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP011791.D

Acq: 23 Sep 2022 19:54

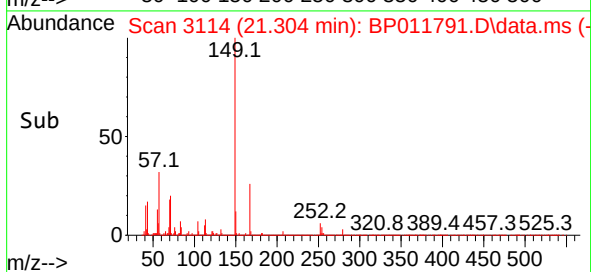
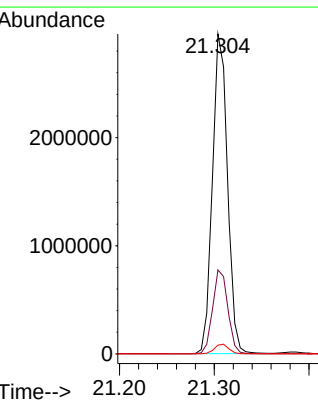
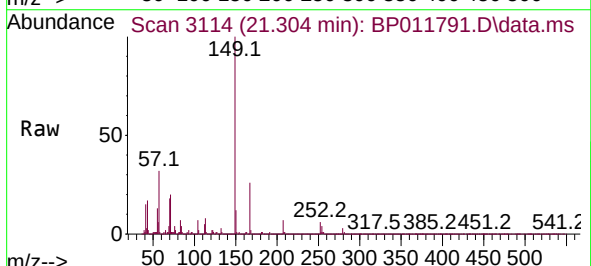
Tgt Ion:149 Resp: 3254008

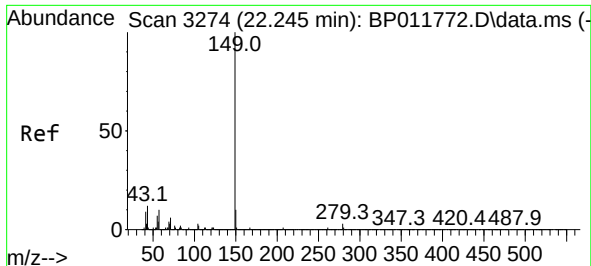
Ion Ratio Lower Upper

149 100

167 26.2 21.8 32.6

279 2.7 2.5 3.7





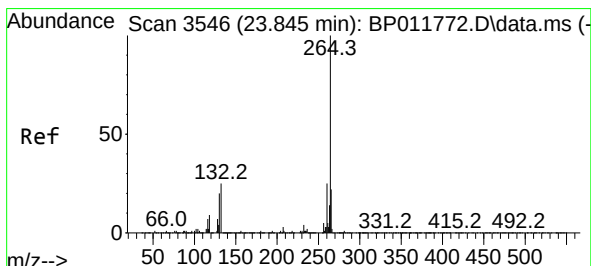
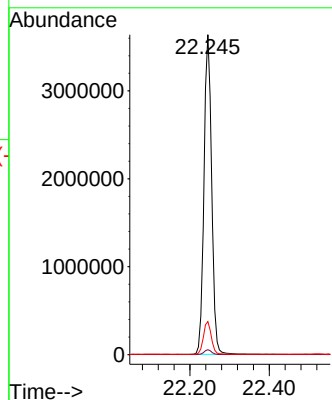
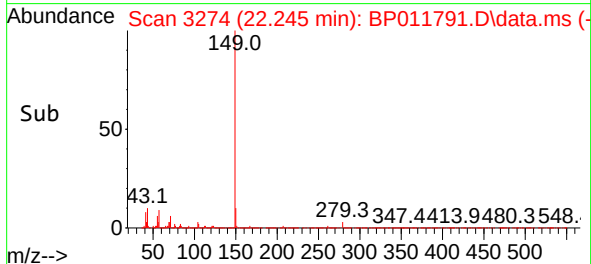
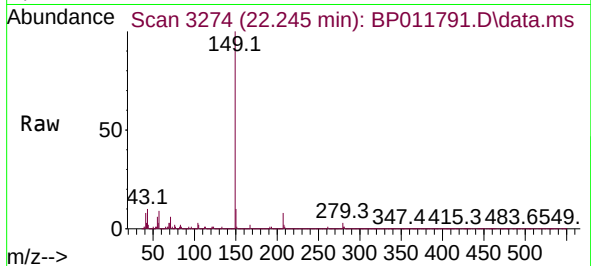
#85
Di-n-octyl phthalate
Concen: 54.787 ng
RT: 22.245 min Scan# 3274
Delta R.T. -0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Instrument :
BNA_P
ClientSampleId :
WC-1MSD

Tgt Ion:149 Resp: 4897600
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.5 9.4 14.0

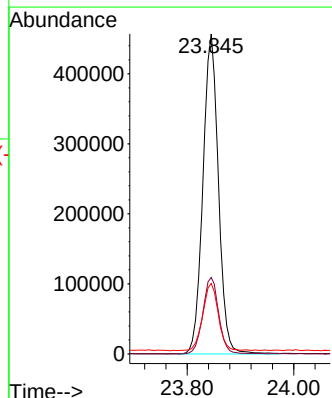
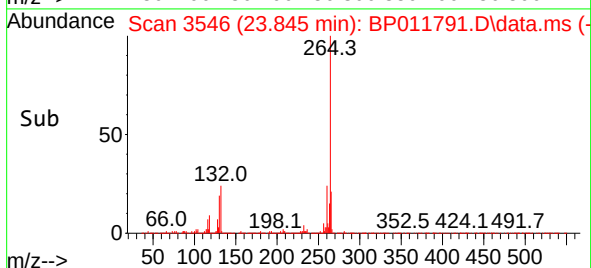
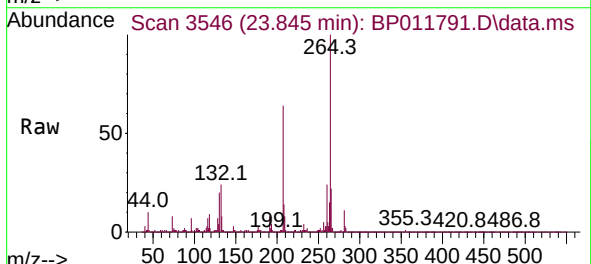
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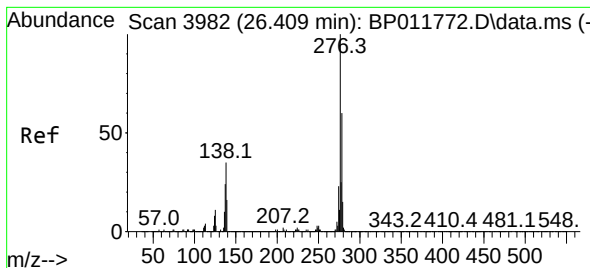
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.845 min Scan# 3546
Delta R.T. 0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Tgt Ion:264 Resp: 923150
Ion Ratio Lower Upper
264 100
260 23.9 19.7 29.5
265 22.0 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.459 ng

RT: 26.404 min Scan# 3982

Delta R.T. -0.006 min

Lab File: BP011791.D

Acq: 23 Sep 2022 19:54

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

Tgt Ion:276 Resp: 3572631

Ion Ratio Lower Upper

276 100

138 37.0 29.7 44.5

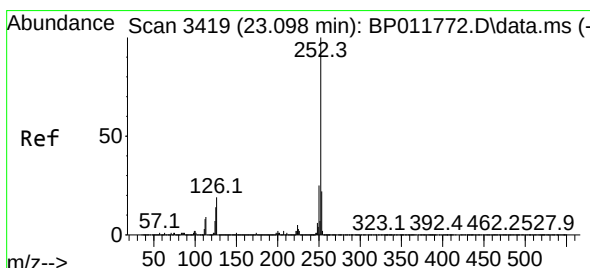
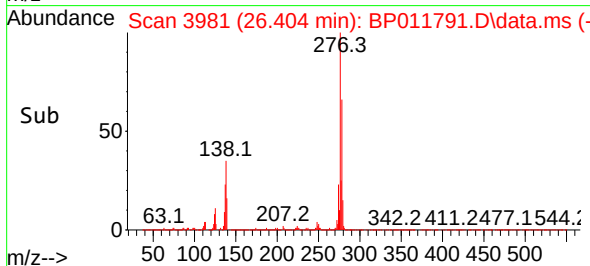
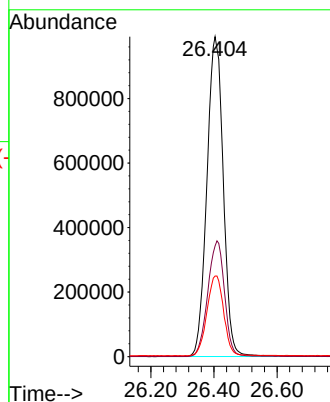
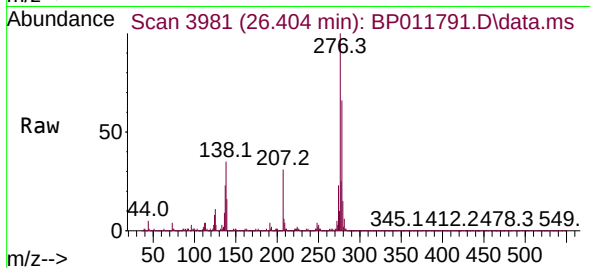
277 25.4 20.2 30.2

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Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#88

Benzo(b)fluoranthene

Concen: 62.341 ng

RT: 23.098 min Scan# 3419

Delta R.T. 0.000 min

Lab File: BP011791.D

Acq: 23 Sep 2022 19:54

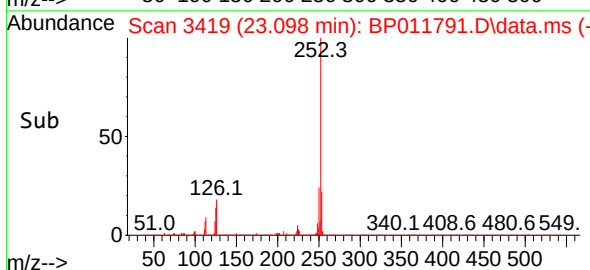
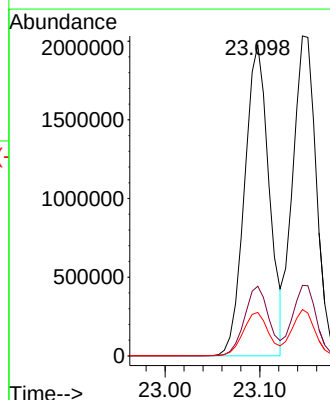
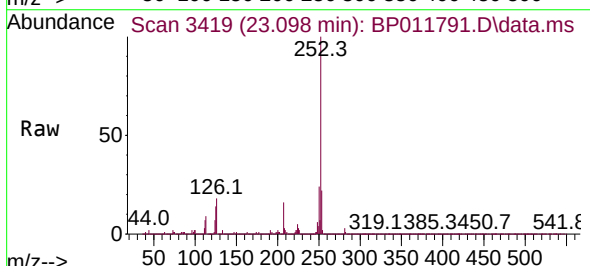
Tgt Ion:252 Resp: 3573124

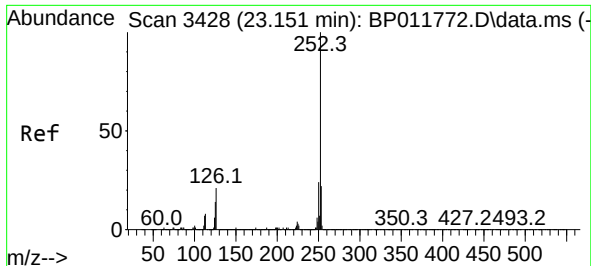
Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 14.0 11.6 17.4





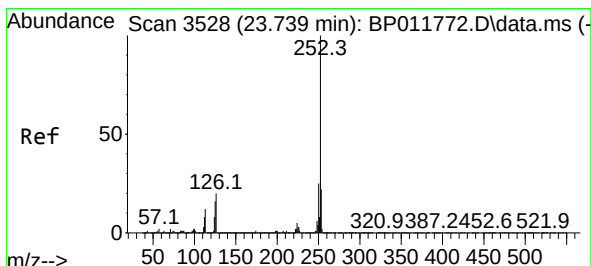
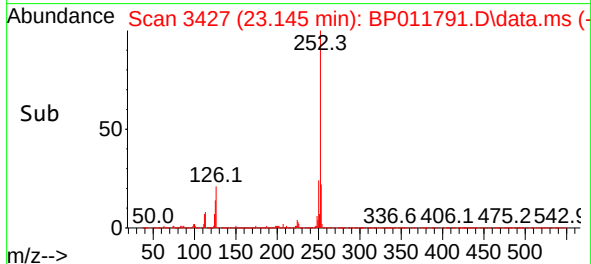
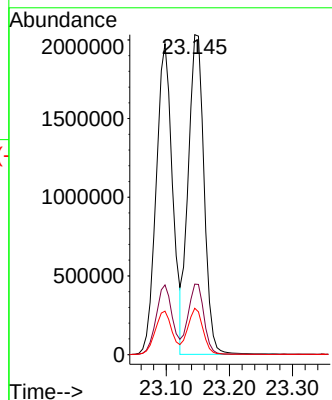
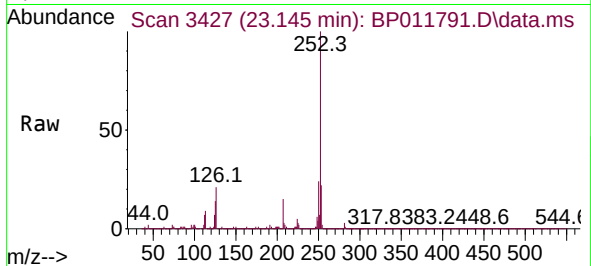
#89
Benzo(k)fluoranthene
Concen: 60.268 ng
RT: 23.145 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Instrument :
BNA_P
ClientSampleId :
WC-1MSD

Tgt Ion:252 Resp: 3539476
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 14.5 11.2 16.8

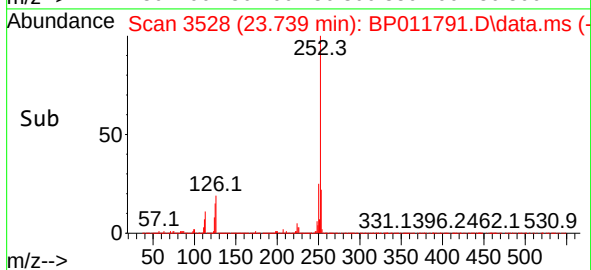
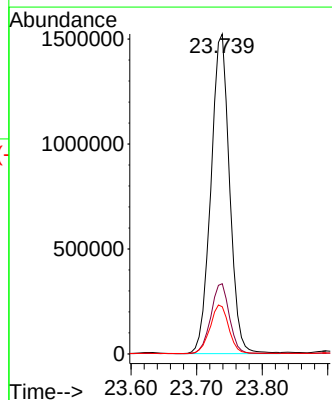
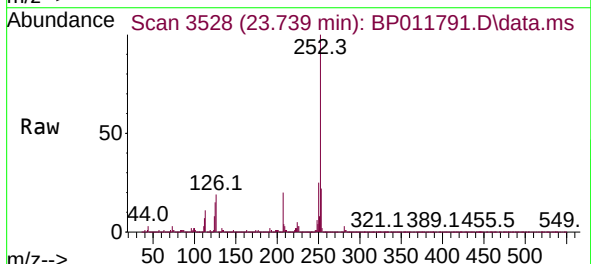
Manual Integrations
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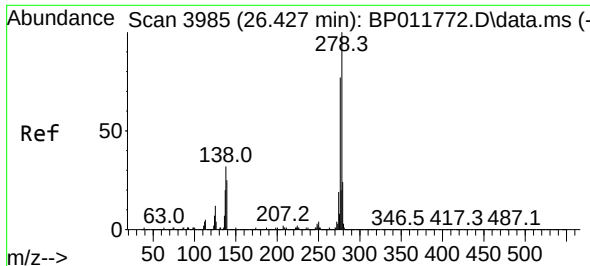
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#90
Benzo(a)pyrene
Concen: 61.965 ng
RT: 23.739 min Scan# 3528
Delta R.T. 0.000 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Tgt Ion:252 Resp: 3004863
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 14.7 12.6 19.0





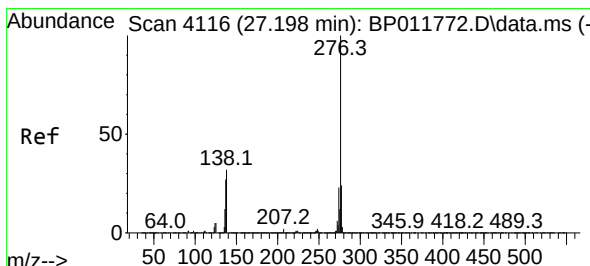
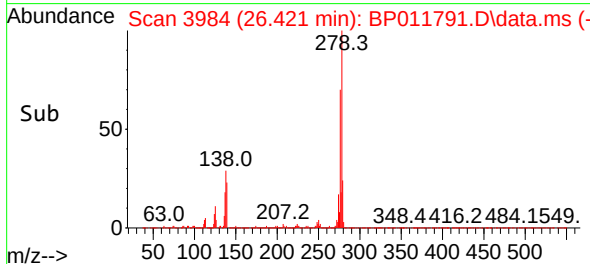
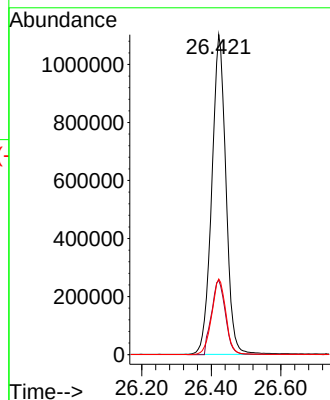
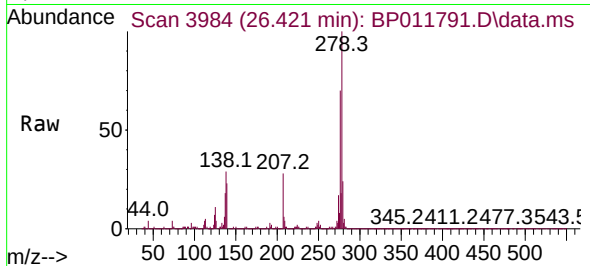
#91
Dibenzo(a,h)anthracene
Concen: 51.876 ng
RT: 26.421 min Scan# 3985
Delta R.T. -0.006 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Instrument :
BNA_P
ClientSampleId :
WC-1MSD

Tgt Ion:278 Resp: 3111172
Ion Ratio Lower Upper
278 100
139 23.3 19.6 29.4
279 23.6 19.3 28.9

Manual Integrations
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Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#92
Benzo(g,h,i)perylene
Concen: 52.559 ng
RT: 27.186 min Scan# 4114
Delta R.T. -0.012 min
Lab File: BP011791.D
Acq: 23 Sep 2022 19:54

Tgt Ion:276 Resp: 3051314
Ion Ratio Lower Upper
276 100
277 23.8 19.3 28.9
138 31.1 25.6 38.4

