

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
 Data File : BP012642.D
 Acq On : 13 Nov 2022 04:14
 Operator : CG/JU
 Sample : N5531-08MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-33MSD

Quant Time: Nov 14 03:26:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 13 22:44:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 11/14/2022
 Supervised By : Jagrut Upadhyay 11/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	318995	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	1356440	20.000	ng	-0.01
39) Acenaphthene-d10	14.369	164	848122	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	1692163	20.000	ng	-0.01
76) Chrysene-d12	21.233	240	1444227	20.000	ng	-0.01
86) Perylene-d12	23.574	264	1401363	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	2006022	117.097	ng	0.00
7) Phenol-d6	6.899	99	2642492	111.127	ng	-0.01
23) Nitrobenzene-d5	8.881	82	1559709	63.792	ng	-0.01
42) 2,4,6-Tribromophenol	15.875	330	1228919	106.142	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	3475498	62.209	ng	-0.01
79) Terphenyl-d14	19.704	244	4843726	67.946	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	302608	41.174	ng	100
3) Pyridine	3.599	79	801963	37.434	ng	99
4) n-Nitrosodimethylamine	3.511	42	357567	45.089	ng	96
6) Aniline	7.046	93	1410357	46.872	ng	98
8) 2-Chlorophenol	7.275	128	1102382	50.811	ng	100
9) Benzaldehyde	6.858	77	591753	39.453	ng	99
10) Phenol	6.928	94	1377616	51.279	ng	99
11) bis(2-Chloroethyl)ether	7.146	93	997441	44.900	ng	99
12) 1,3-Dichlorobenzene	7.593	146	1085309	45.398	ng	99
13) 1,4-Dichlorobenzene	7.746	146	1110878	45.402	ng	99
14) 1,2-Dichlorobenzene	8.058	146	1075386	46.188	ng	99
15) Benzyl Alcohol	7.969	79	906743m	50.950	ng	
16) 2,2'-oxybis(1-Chloropr...	8.246	45	1261921	43.740	ng	99
17) 2-Methylphenol	8.169	107	912427	49.292	ng	99
18) Hexachloroethane	8.775	117	404252	46.200	ng	99
19) n-Nitroso-di-n-propyla...	8.534	70	750928	43.502	ng	99
20) 3+4-Methylphenols	8.505	107	1243693	47.805	ng	99
22) Acetophenone	8.546	105	1529030	45.262	ng	100
24) Nitrobenzene	8.922	77	1130438	44.411	ng	99
25) Isophorone	9.452	82	2133564	46.451	ng	99
26) 2-Nitrophenol	9.628	139	591067	48.380	ng	99
27) 2,4-Dimethylphenol	9.699	122	1000036	54.790	ng	99
28) bis(2-Chloroethoxy)met...	9.934	93	1392625	48.933	ng	100
29) 2,4-Dichlorophenol	10.169	162	1057666	48.916	ng	100
30) 1,2,4-Trichlorobenzene	10.369	180	1038655	44.326	ng	99
31) Naphthalene	10.557	128	3164736	42.946	ng	100
32) Benzoic acid	9.899	122	781105	42.334	ng	96
33) 4-Chloroaniline	10.687	127	964959	31.395	ng	100
34) Hexachlorobutadiene	10.828	225	657515	44.353	ng	99
35) Caprolactam	11.516	113	326288m	45.149	ng	
36) 4-Chloro-3-methylphenol	11.828	107	1132725	46.414	ng	99
37) 2-Methylnaphthalene	12.175	142	2247790	42.556	ng	99
38) 1-Methylnaphthalene	12.399	142	2121343	41.047	ng	100
40) 1,2,4,5-Tetrachloroben...	12.546	216	1202874	47.599	ng	99
41) Hexachlorocyclopentadiene	12.516	237	1312183	100.349	ng	99
43) 2,4,6-Trichlorophenol	12.799	196	842185	47.443	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	917839	46.321	ng	99
46) 1,1'-Biphenyl	13.198	154	2878889	45.836	ng	99
47) 2-Chloronaphthalene	13.240	162	2236704	45.373	ng	99
48) 2-Nitroaniline	13.463	65	678907	45.536	ng	98
49) Acenaphthylene	14.093	152	3481821	44.478	ng	100
50) Dimethylphthalate	13.846	163	2859452	42.663	ng	99
51) 2,6-Dinitrotoluene	13.969	165	636529	44.534	ng	99
52) Acenaphthene	14.434	154	2067197	43.384	ng	100
53) 3-Nitroaniline	14.298	138	509786	33.140	ng	99
54) 2,4-Dinitrophenol	14.516	184	718463	71.376	ng	97
55) Dibenzofuran	14.775	168	3200802	42.501	ng	100
56) 4-Nitrophenol	14.628	139	1067499	83.499	ng	96
57) 2,4-Dinitrotoluene	14.757	165	816062	44.301	ng	98
58) Fluorene	15.428	166	2437170	40.996	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	773884	42.406	ng	99
60) Diethylphthalate	15.210	149	2823178	42.076	ng	99
61) 4-Chlorophenyl-phenyle...	15.422	204	1273143	43.205	ng	98
62) 4-Nitroaniline	15.475	138	601480	37.845	ng	96
63) Azobenzene	15.716	77	2546430	42.338	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	459686	39.984	ng	98
66) n-Nitrosodiphenylamine	15.645	169	2269235	45.463	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	886521	46.605	ng	98
68) Hexachlorobenzene	16.428	284	1044689	46.010	ng	99
69) Atrazine	16.610	200	833956	47.915	ng	99
70) Pentachlorophenol	16.787	266	1205500	86.070	ng	99
71) Phenanthrene	17.175	178	3951183	42.359	ng	99
72) Anthracene	17.269	178	3968192	44.340	ng	99
73) Carbazole	17.551	167	3629943	43.313	ng	99
74) Di-n-butylphthalate	18.098	149	4659758	44.523	ng	100
75) Fluoranthene	19.151	202	4478064	40.963	ng	99
77) Benzidine	19.345	184	1924790	60.409	ng	99
78) Pyrene	19.504	202	4556920	45.737	ng	100
80) Butylbenzylphthalate	20.386	149	2001281	47.426	ng	99
81) Benzo(a)anthracene	21.222	228	4179012	43.274	ng	100
82) 3,3'-Dichlorobenzidine	21.157	252	1535403	46.559	ng	100
83) Chrysene	21.269	228	3912430	42.505	ng	99
84) Bis(2-ethylhexyl)phtha...	21.139	149	2796469	48.455	ng	99
85) Di-n-octyl phthalate	22.045	149	4608752	47.339	ng	99
87) Indeno(1,2,3-cd)pyrene	26.010	276	4619964	46.522	ng	99
88) Benzo(b)fluoranthene	22.863	252	4180967	46.375	ng	99
89) Benzo(k)fluoranthene	22.910	252	4034885	45.868	ng	99
90) Benzo(a)pyrene	23.474	252	3577491	48.593	ng	99
91) Dibenzo(a,h)anthracene	26.021	278	3928723	47.331	ng	99
92) Benzo(g,h,i)perylene	26.757	276	3970797	48.991	ng	98

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

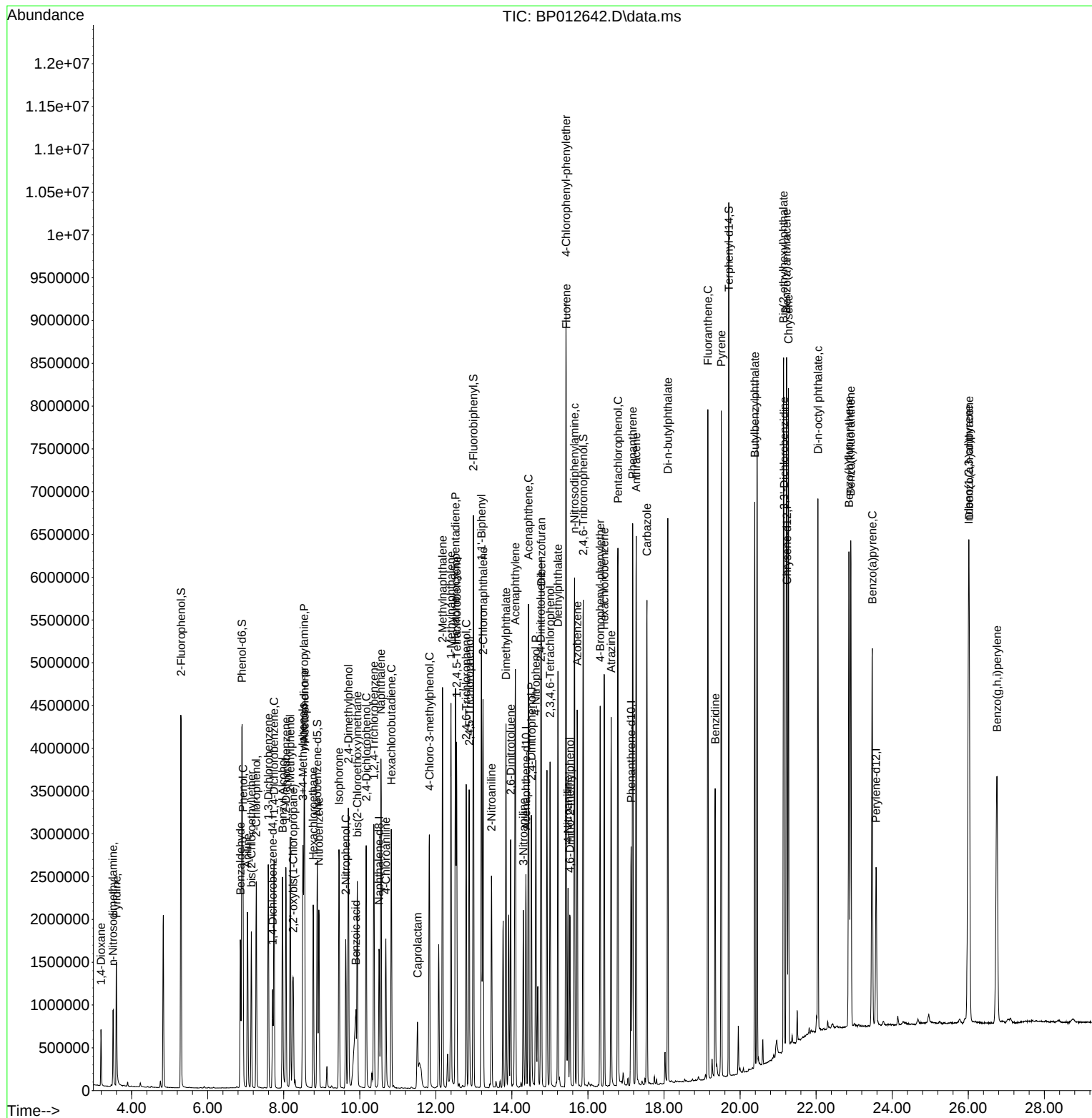
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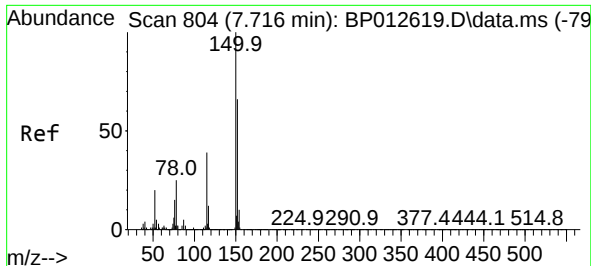
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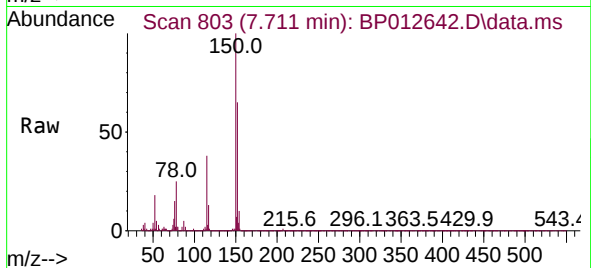
Reviewed By : Christian Giraldo 11/14/2022
 Supervised By : Jagrut Upadhyay 11/14/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 80
Delta R.T. -0.005 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

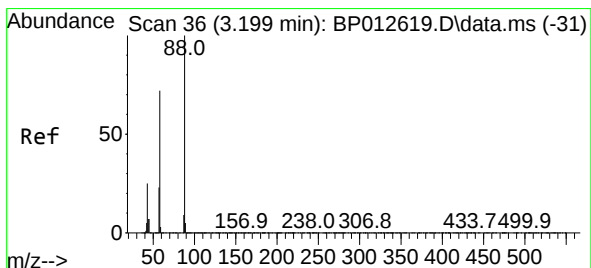
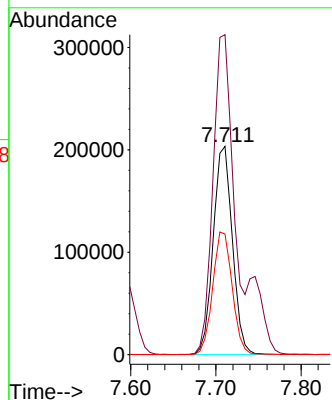
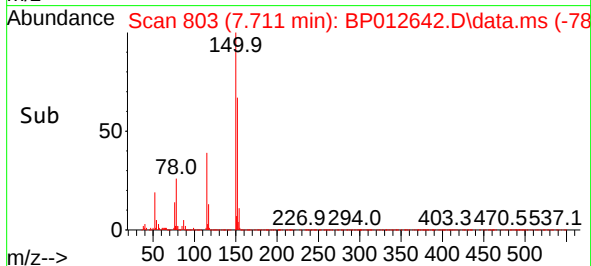
Instrument :
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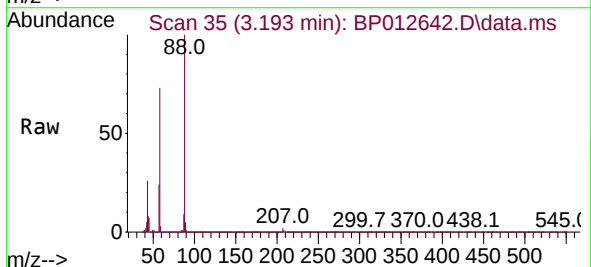
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Ion Ratio Lower Upper
152 100
150 153.6 122.1 183.1
115 57.8 47.3 70.9

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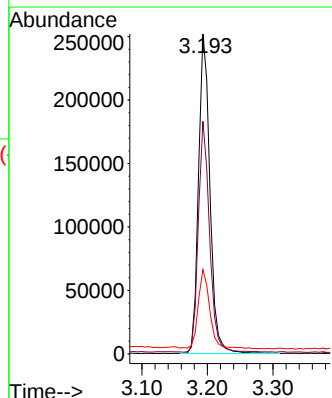
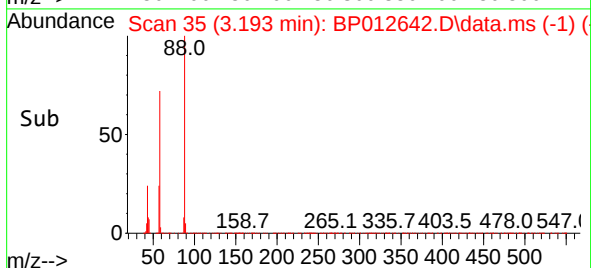
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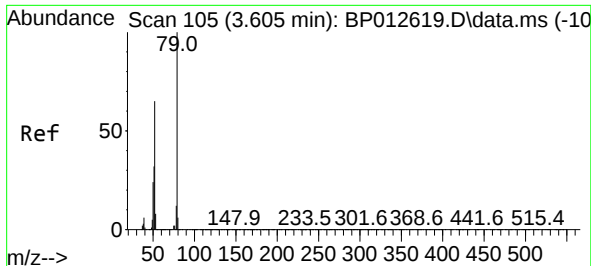


#2
1,4-Dioxane
Concen: 41.174 ng
RT: 3.193 min Scan# 35
Delta R.T. -0.006 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14



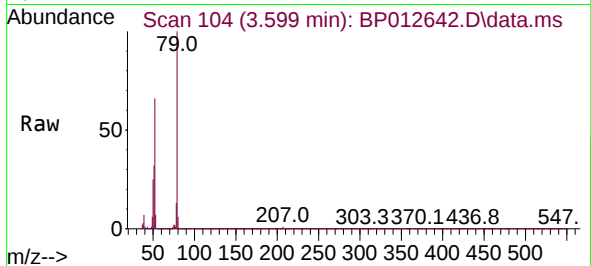
Tgt Ion: 88 Resp: 302608
Ion Ratio Lower Upper
88 100
58 71.3 57.0 85.6
43 25.2 19.5 29.3





#3
Pyridine
Concen: 37.434 ng
RT: 3.599 min Scan# 104
Delta R.T. -0.006 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

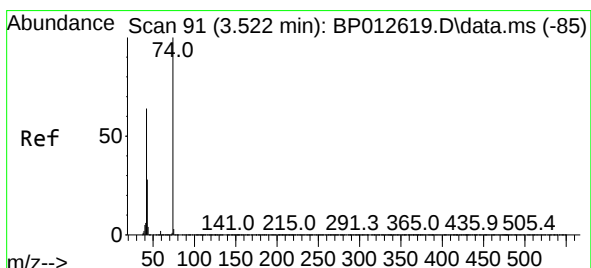
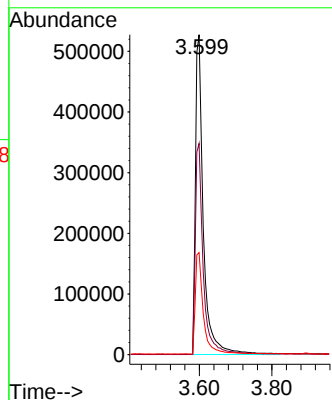
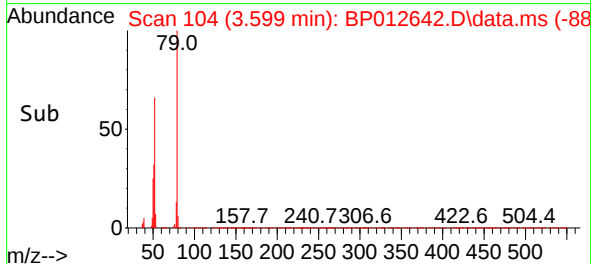
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ClientSampleId :
SB-33MSD



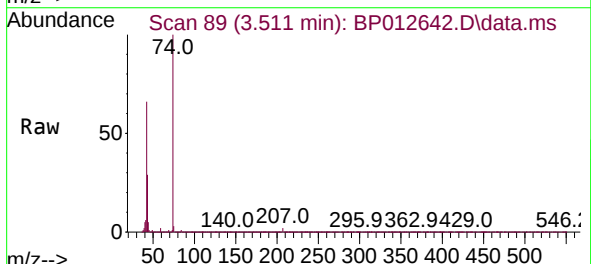
Tgt Ion: 79 Resp: 801963
Ion Ratio Lower Upper
79 100
52 66.0 52.2 78.4
51 31.9 26.2 39.2

Manual Integrations
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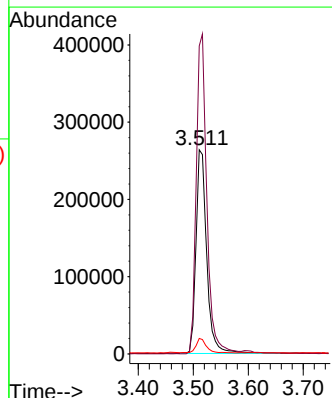
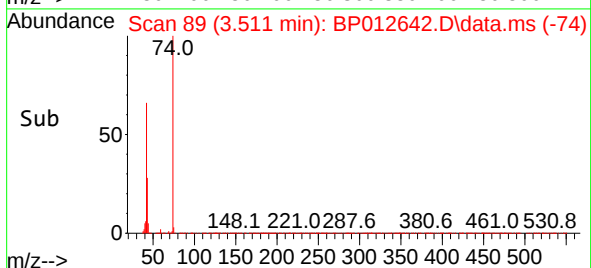
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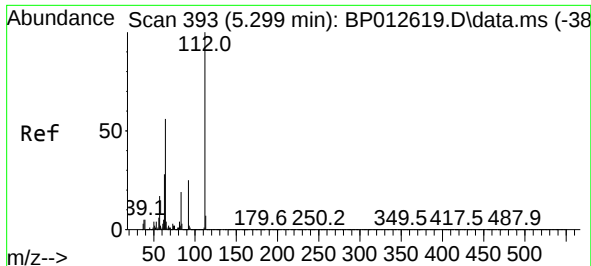


#4
n-Nitrosodimethylamine
Concen: 45.089 ng
RT: 3.511 min Scan# 89
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14



Tgt Ion: 42 Resp: 357567
Ion Ratio Lower Upper
42 100
74 150.9 125.1 187.7
44 7.6 5.9 8.9





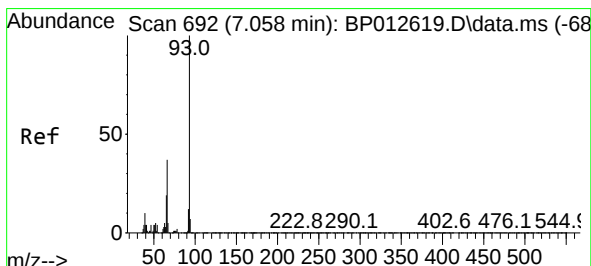
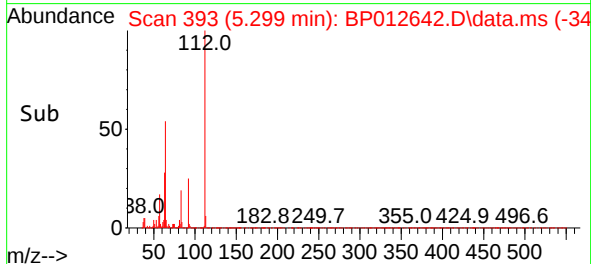
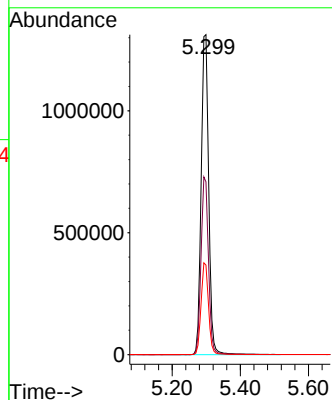
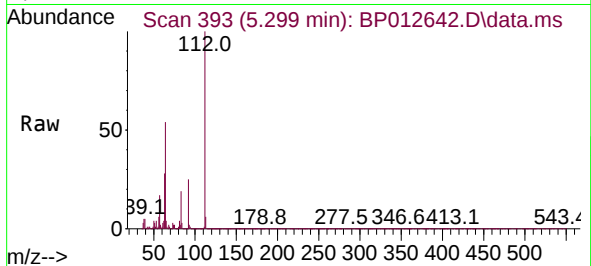
#5
2-Fluorophenol
Concen: 117.097 ng
RT: 5.299 min Scan# 393
Delta R.T. -0.000 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Instrument :
BNA_P
ClientSampleId :
SB-33MSD

Tgt Ion:112 Resp: 2006022
Ion Ratio Lower Upper
112 100
64 54.0 44.6 67.0
63 28.0 22.8 34.2

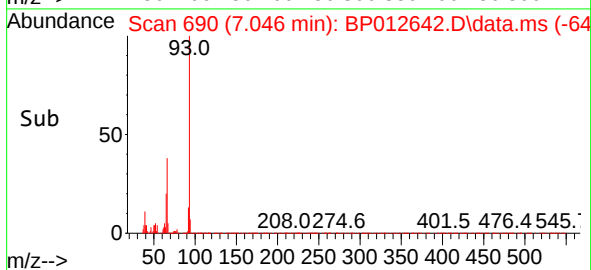
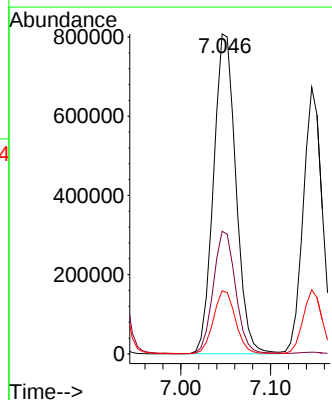
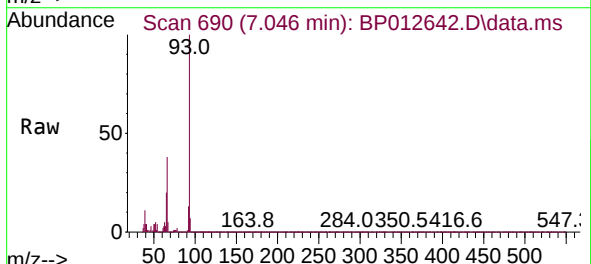
Manual Integrations
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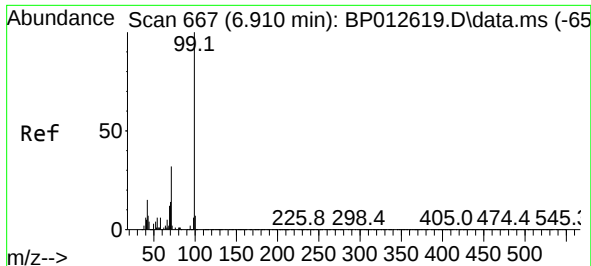
Reviewed By :Christian Giraldo 11/14/2022
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#6
Aniline
Concen: 46.872 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

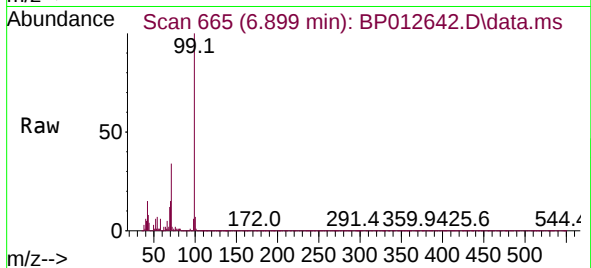
Tgt Ion: 93 Resp: 1410357
Ion Ratio Lower Upper
93 100
66 38.3 29.8 44.6
65 19.7 15.4 23.2





#7
Phenol-d6
Concen: 111.127 ng
RT: 6.899 min Scan# 60
Delta R.T. -0.011 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

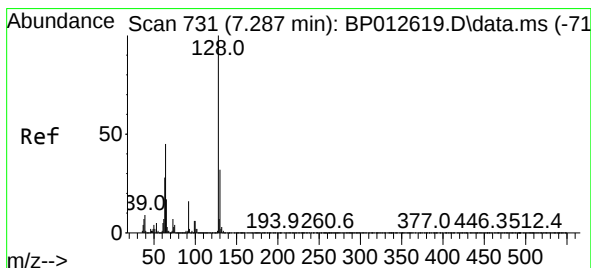
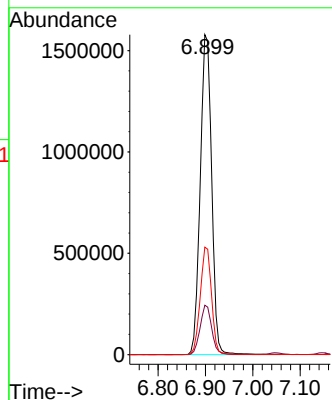
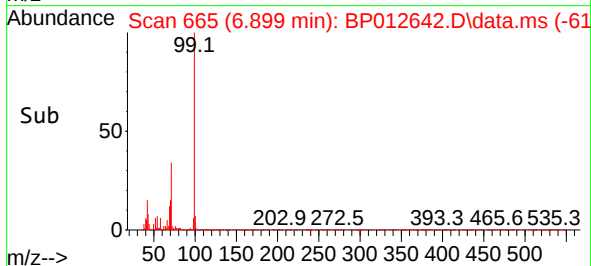
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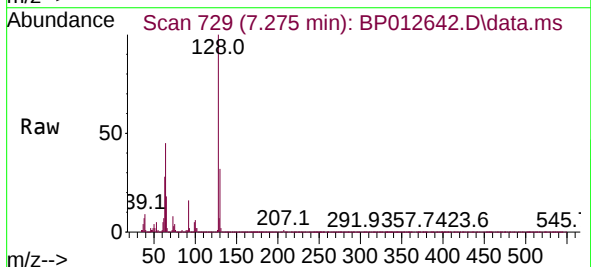
Tgt Ion: 99 Resp: 2642492
Ion Ratio Lower Upper
99 100
42 15.4 12.2 18.2
71 33.6 26.0 39.0

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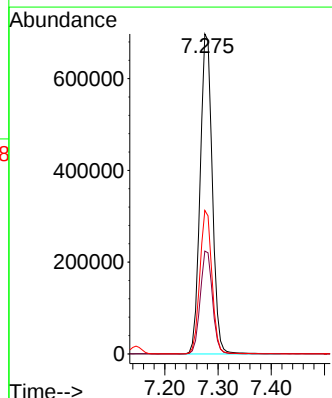
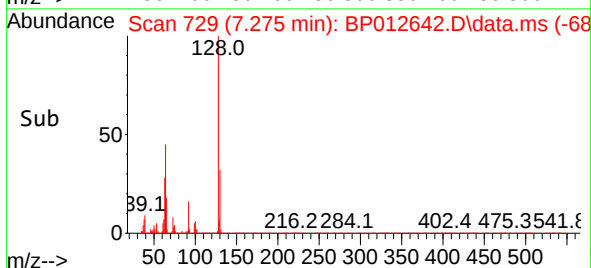
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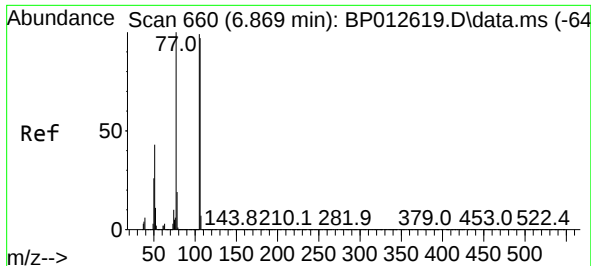


#8
2-Chlorophenol
Concen: 50.811 ng
RT: 7.275 min Scan# 729
Delta R.T. -0.012 min
Lab File: BP012642.D
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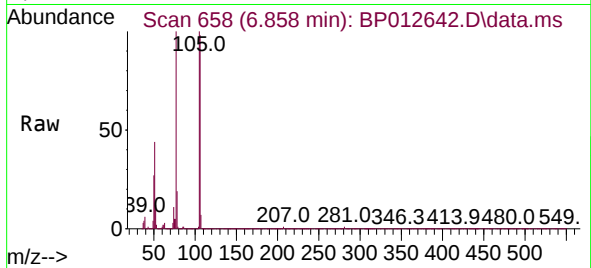
Tgt Ion:128 Resp: 1102382
Ion Ratio Lower Upper
128 100
130 32.1 11.9 51.9
64 44.8 24.6 64.6





#9
Benzaldehyde
Concen: 39.453 ng
RT: 6.858 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

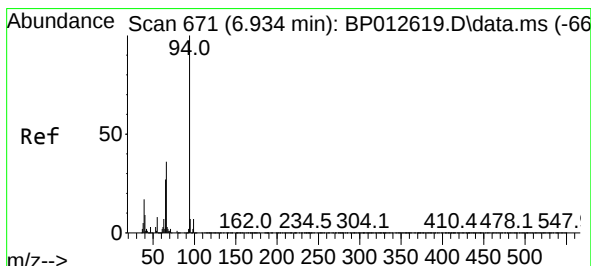
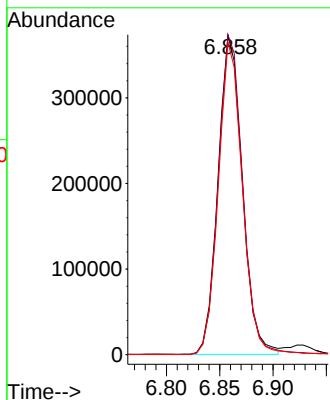
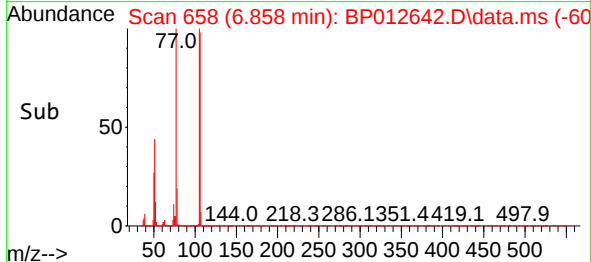
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BNA_P
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SB-33MSD



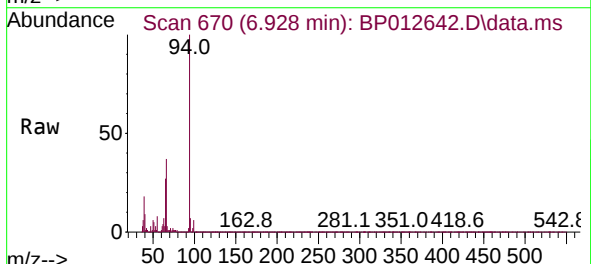
Tgt Ion: 77 Resp: 591753
Ion Ratio Lower Upper
77 100
105 100.3 79.5 119.5
106 97.9 76.9 116.9

Manual Integrations
APPROVED

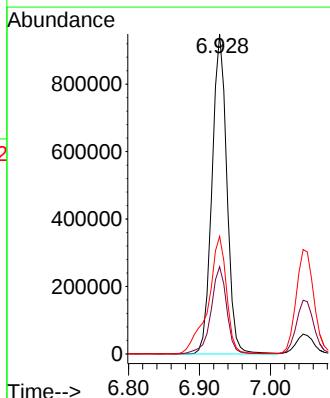
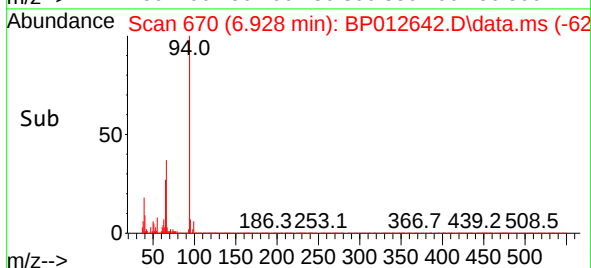
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

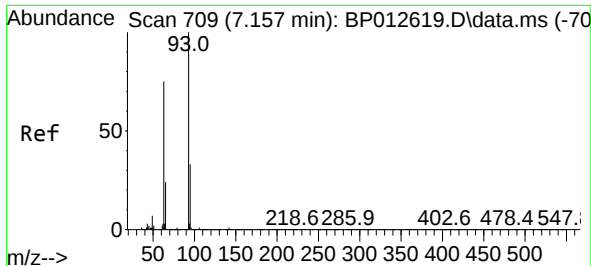


#10
Phenol
Concen: 51.279 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14



Tgt Ion: 94 Resp: 1377616
Ion Ratio Lower Upper
94 100
65 27.2 7.5 47.5
66 36.7 16.3 56.3





#11

bis(2-Chloroethyl)ether

Concen: 44.900 ng

RT: 7.146 min Scan# 709

Delta R.T. -0.012 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

Instrument :

BNA_P

ClientSampleId :

SB-33MSD

Tgt Ion: 93 Resp: 99744

Ion Ratio Lower Upper

93 100

63 74.8 54.2 94.2

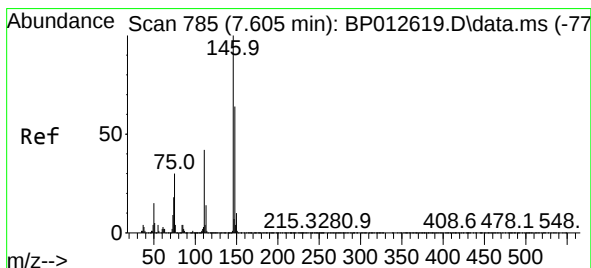
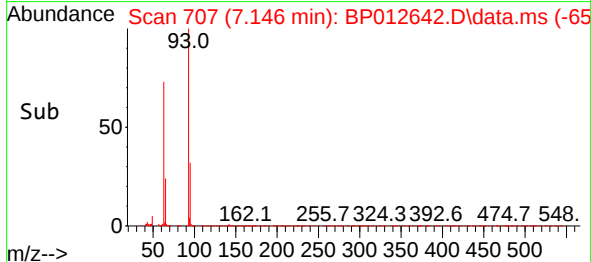
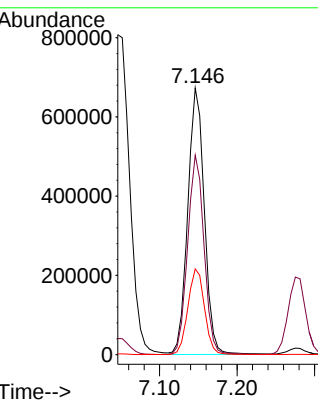
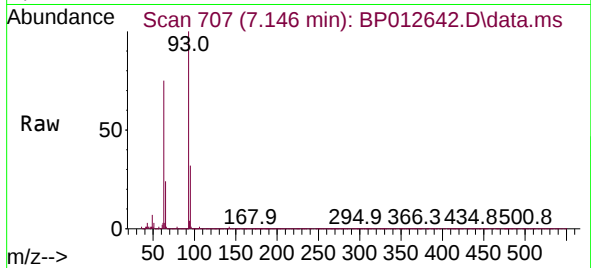
95 32.1 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#12

1,3-Dichlorobenzene

Concen: 45.398 ng

RT: 7.593 min Scan# 783

Delta R.T. -0.012 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

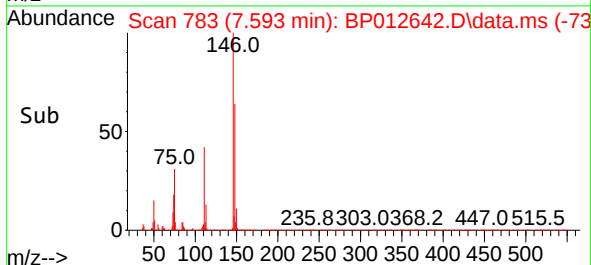
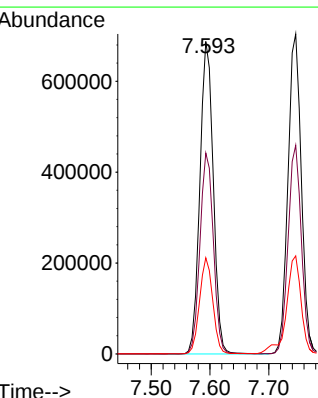
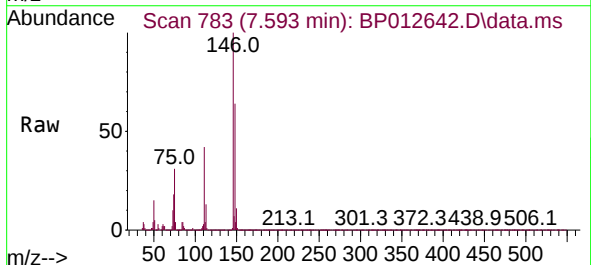
Tgt Ion:146 Resp: 1085309

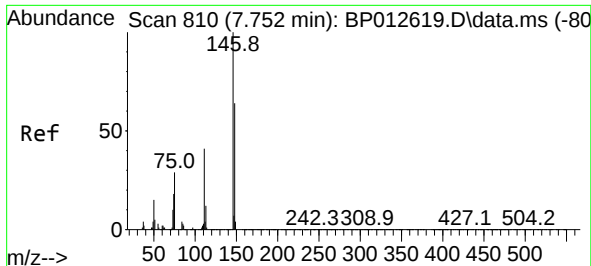
Ion Ratio Lower Upper

146 100

148 64.3 51.2 76.8

75 30.8 23.7 35.5





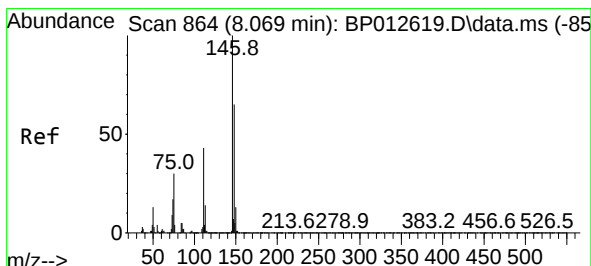
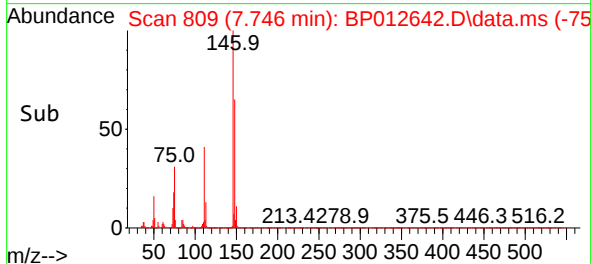
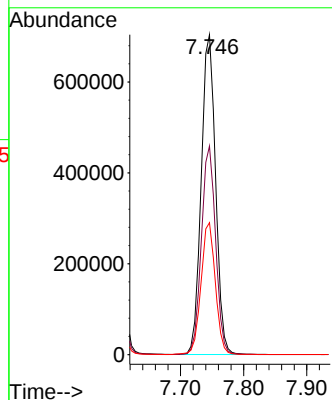
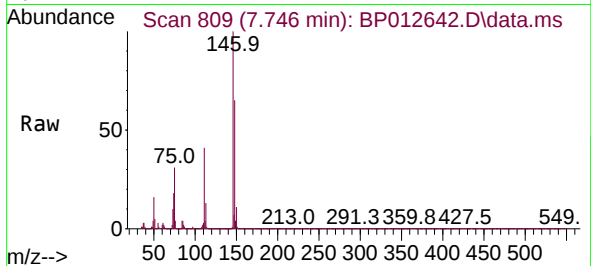
#13
1,4-Dichlorobenzene
Concen: 45.402 ng
RT: 7.746 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Instrument :
BNA_P
ClientSampleId :
SB-33MSD

Tgt Ion:146 Resp: 1110878
Ion Ratio Lower Upper
146 100
148 65.2 51.1 76.7
111 41.2 32.8 49.2

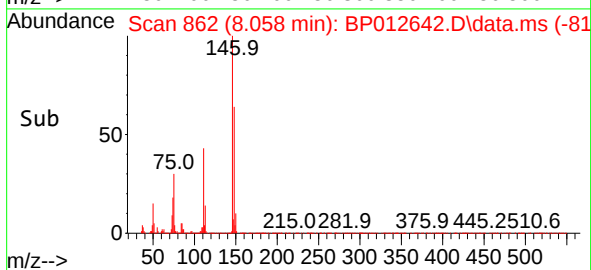
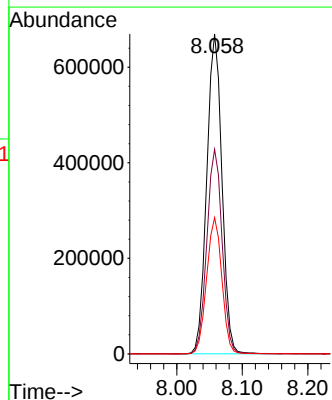
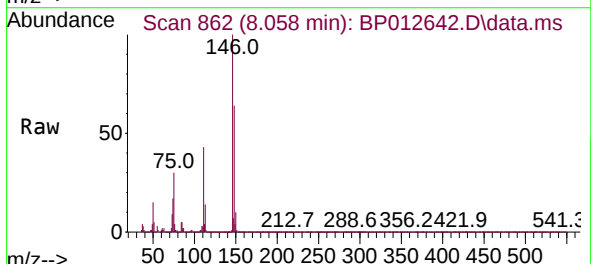
Manual Integrations
APPROVED

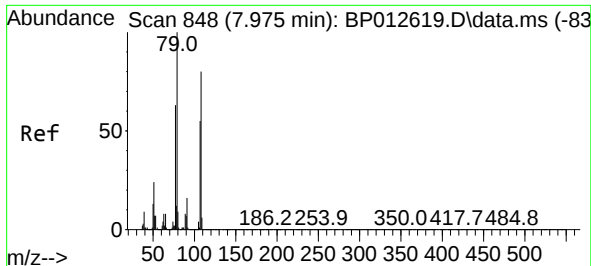
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#14
1,2-Dichlorobenzene
Concen: 46.188 ng
RT: 8.058 min Scan# 862
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

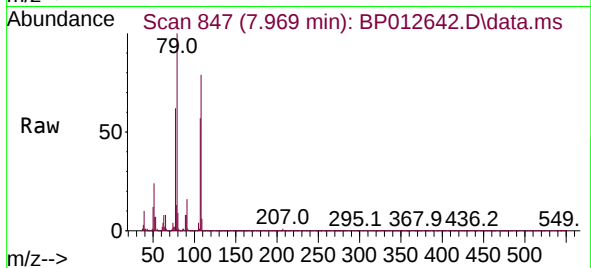
Tgt Ion:146 Resp: 1075386
Ion Ratio Lower Upper
146 100
148 63.9 52.1 78.1
111 42.6 34.2 51.2





#15
Benzyl Alcohol
Concen: 50.950 ng m
RT: 7.969 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

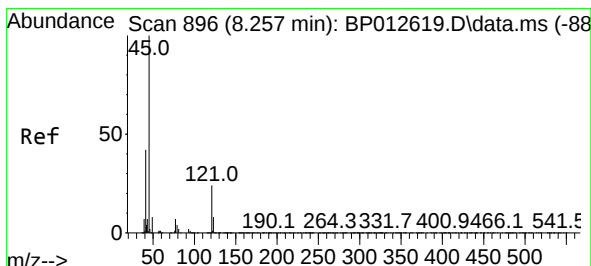
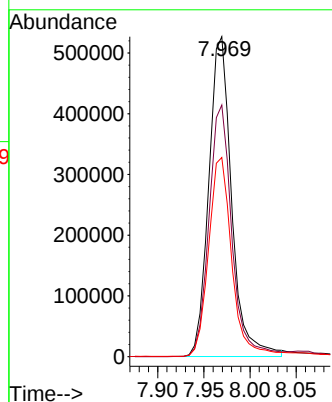
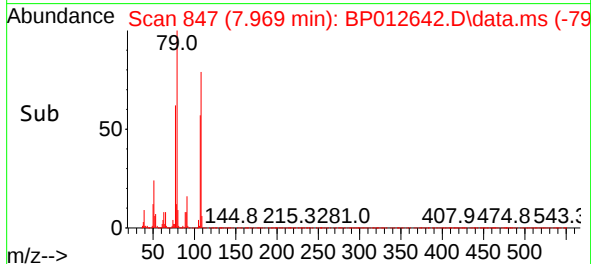
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



Tgt Ion: 79 Resp: 906743
Ion Ratio Lower Upper
79 100
108 78.6 63.7 95.5
77 62.2 50.2 75.4

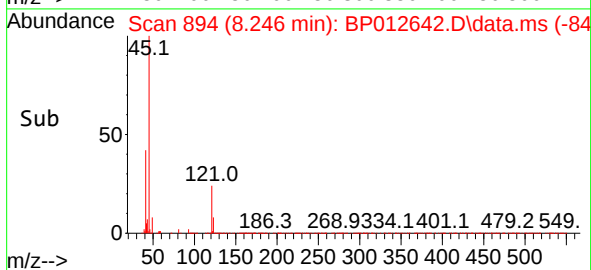
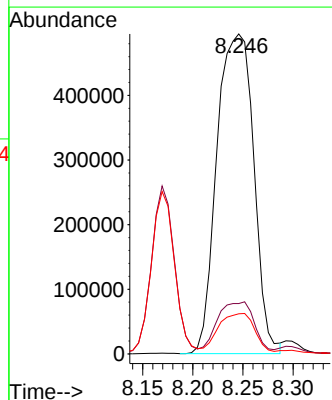
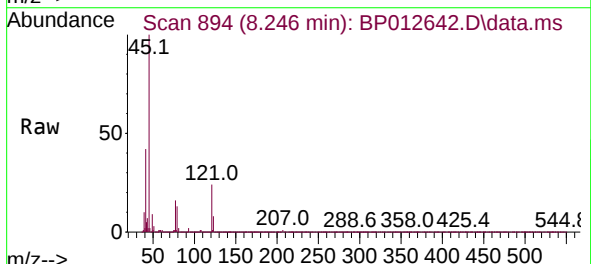
Manual Integrations
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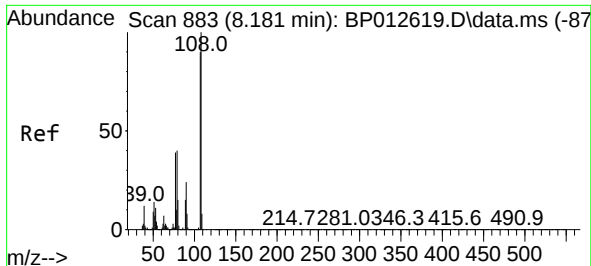
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.740 ng
RT: 8.246 min Scan# 894
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

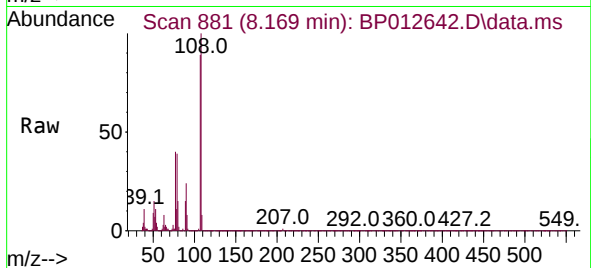
Tgt Ion: 45 Resp: 1261921
Ion Ratio Lower Upper
45 100
77 15.7 0.0 36.1
79 12.5 0.0 32.6





#17
2-Methylphenol
Concen: 49.292 ng
RT: 8.169 min Scan# 881
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

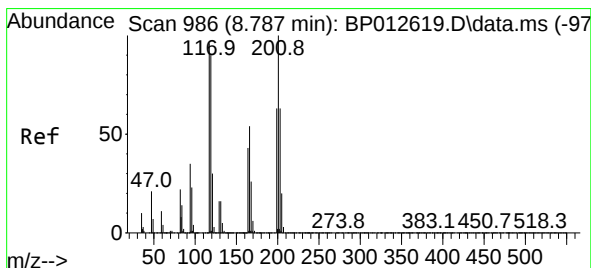
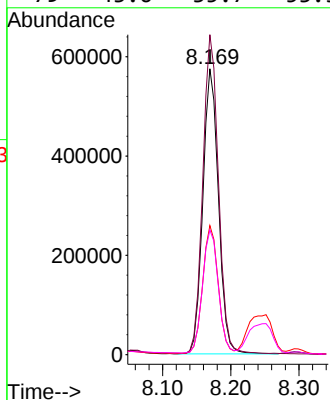
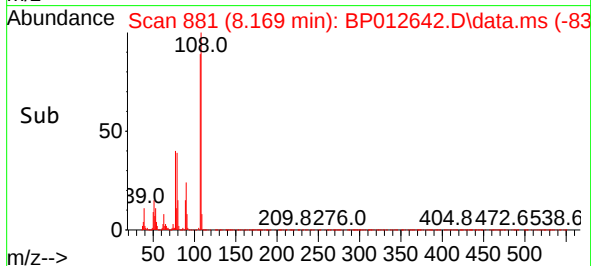
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



Tgt Ion:107 Resp: 912427
Ion Ratio Lower Upper
107 100
108 112.0 89.0 133.4
77 45.1 35.3 52.9
79 43.6 35.7 53.5

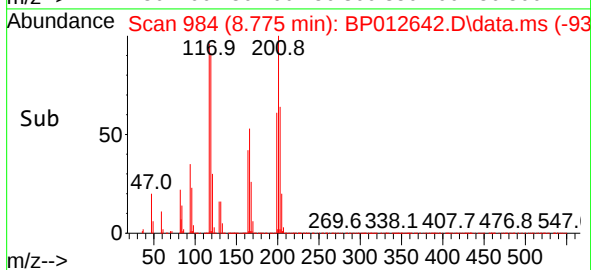
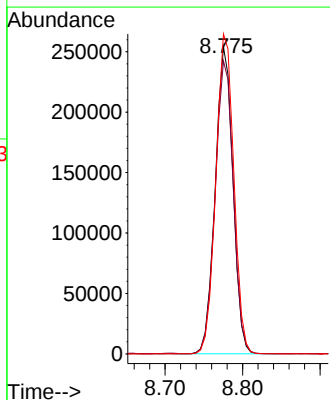
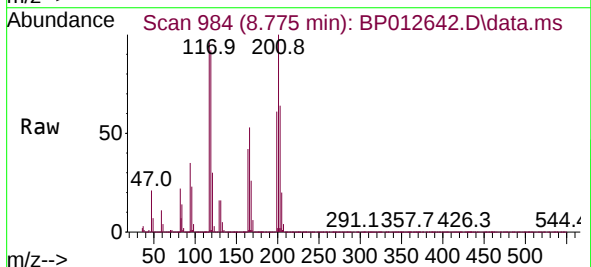
Manual Integrations
APPROVED

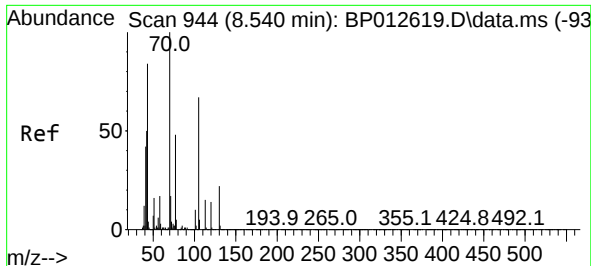
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#18
Hexachloroethane
Concen: 46.200 ng
RT: 8.775 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

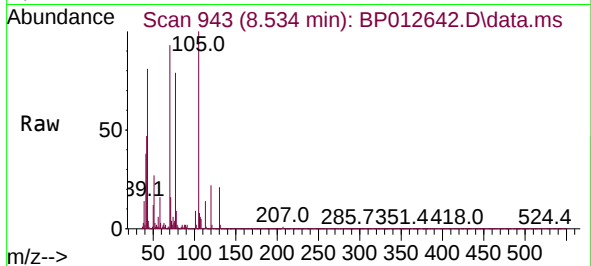
Tgt Ion:117 Resp: 404252
Ion Ratio Lower Upper
117 100
119 95.5 75.6 113.4
201 104.3 83.5 125.3





#19
n-Nitroso-di-n-propylamine
Concen: 43.502 ng
RT: 8.534 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

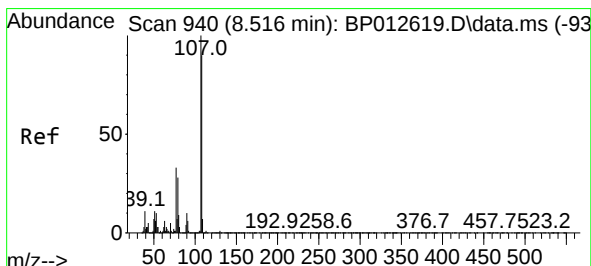
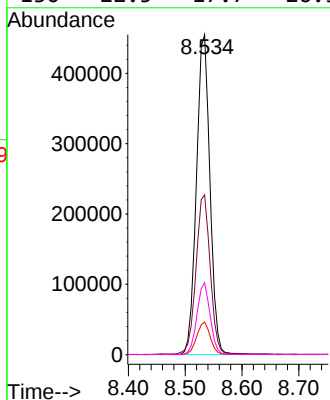
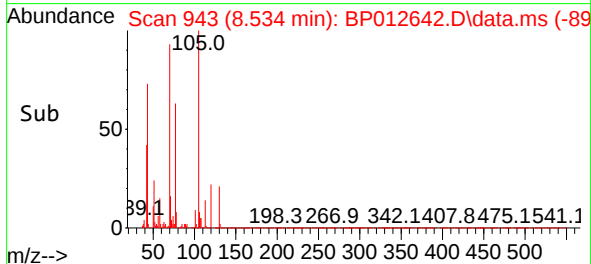
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



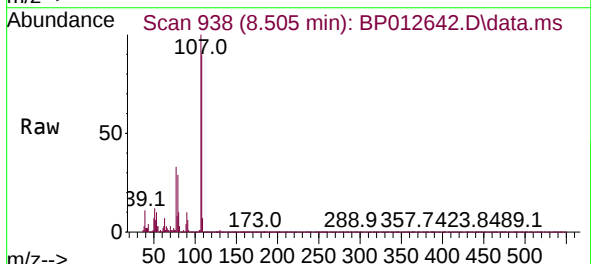
Tgt Ion: 70 Resp: 750928
Ion Ratio Lower Upper
70 100
42 49.9 40.4 60.6
101 10.2 8.2 12.2
130 22.5 17.7 26.5

Manual Integrations
APPROVED

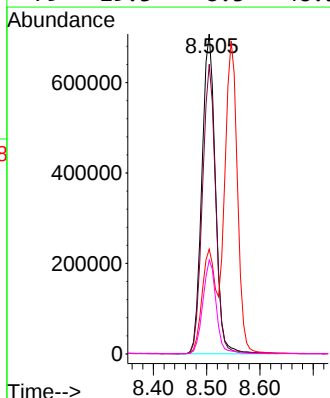
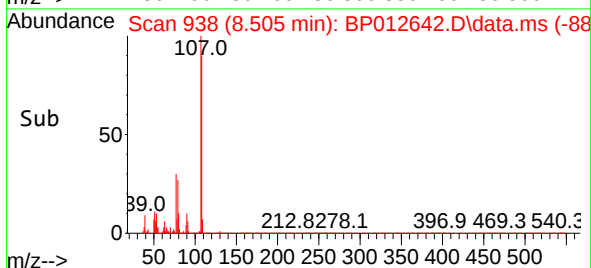
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

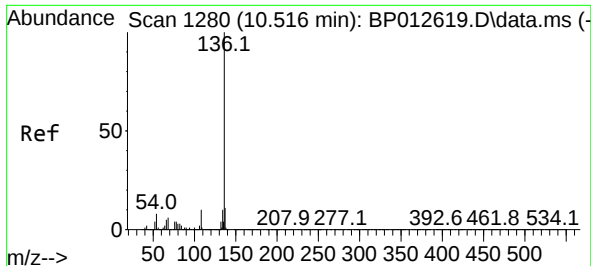


#20
3+4-Methylphenols
Concen: 47.805 ng
RT: 8.505 min Scan# 938
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14



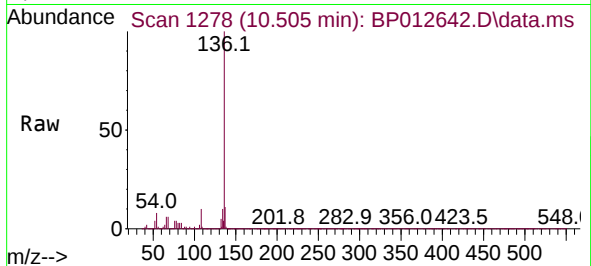
Tgt Ion:107 Resp: 1243693
Ion Ratio Lower Upper
107 100
108 90.5 69.5 109.5
77 32.8 12.9 52.9
79 29.3 8.3 48.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1278
Delta R.T. -0.011 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

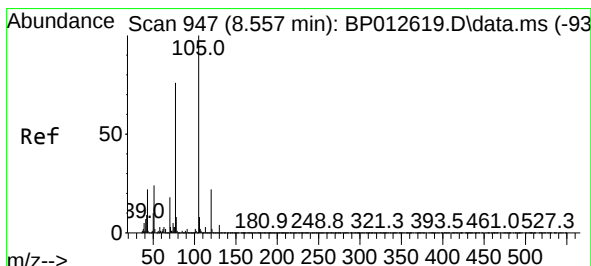
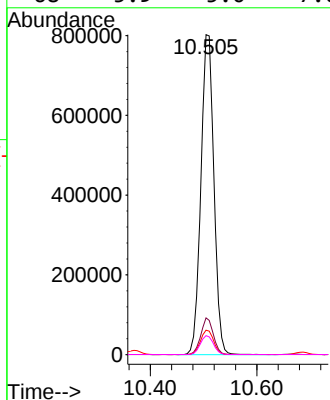
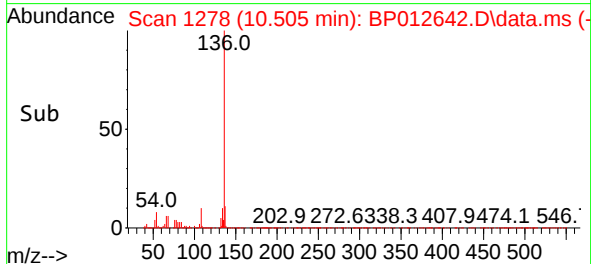
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



Tgt Ion:136 Resp: 1356440
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 7.6 6.4 9.6
68 5.9 5.0 7.6

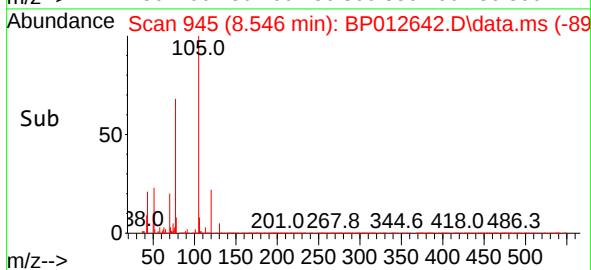
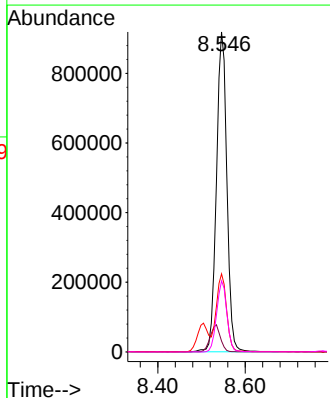
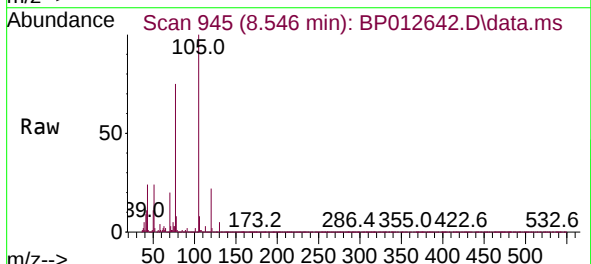
Manual Integrations
APPROVED

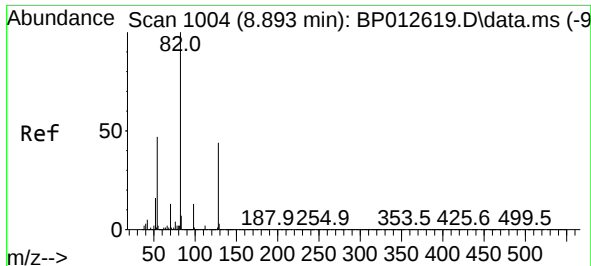
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#22
Acetophenone
Concen: 45.262 ng
RT: 8.546 min Scan# 945
Delta R.T. -0.011 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Tgt Ion:105 Resp: 1529030
Ion Ratio Lower Upper
105 100
71 3.4 2.4 3.6
51 24.4 19.4 29.2
120 22.2 17.8 26.6





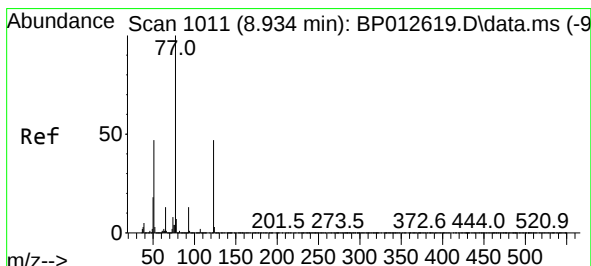
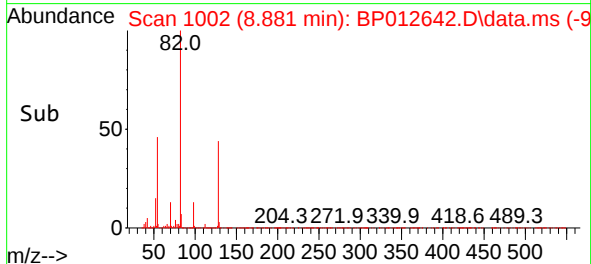
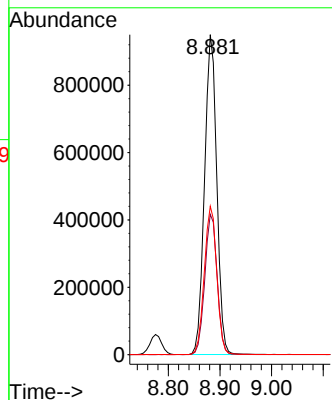
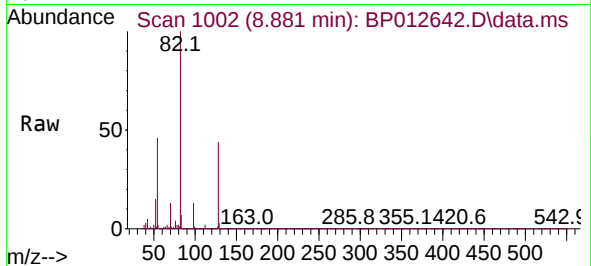
#23
Nitrobenzene-d5
Concen: 63.792 ng
RT: 8.881 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Instrument :
BNA_P
ClientSampleId :
SB-33MSD

Tgt Ion: 82 Resp: 1559709
Ion Ratio Lower Upper
82 100
128 43.8 35.4 53.2
54 46.4 37.8 56.6

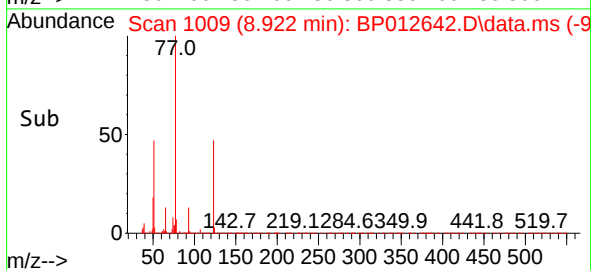
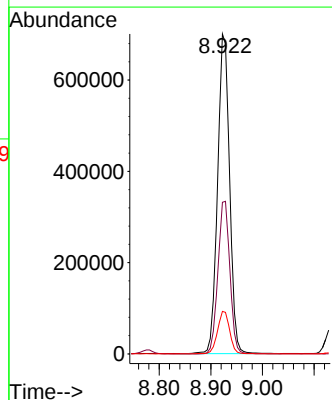
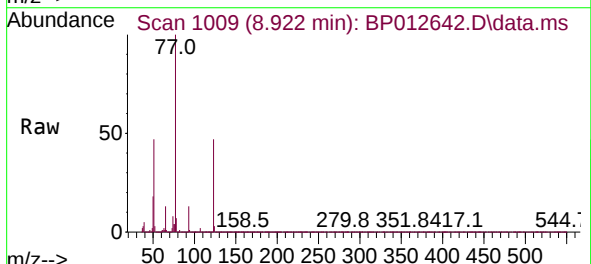
Manual Integrations
APPROVED

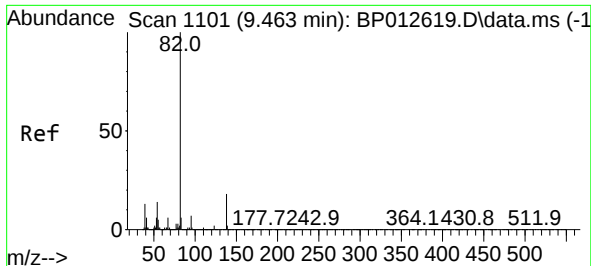
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#24
Nitrobenzene
Concen: 44.411 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

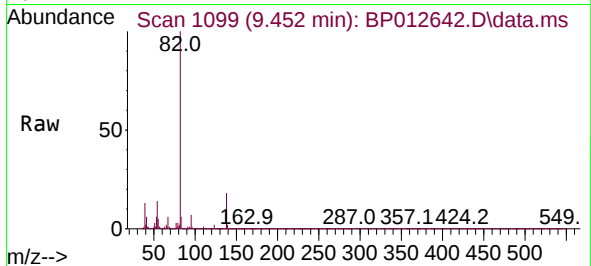
Tgt Ion: 77 Resp: 1130438
Ion Ratio Lower Upper
77 100
123 47.4 37.4 56.0
65 13.3 10.7 16.1





#25
Isophorone
Concen: 46.451 ng
RT: 9.452 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

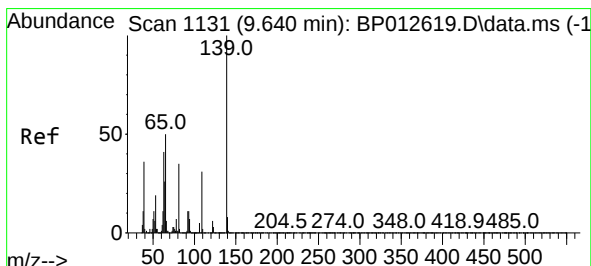
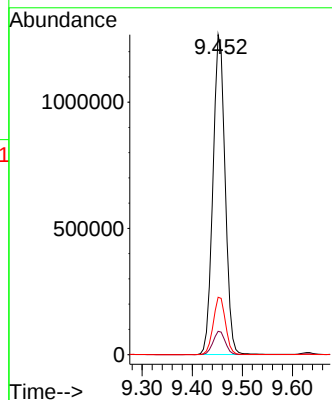
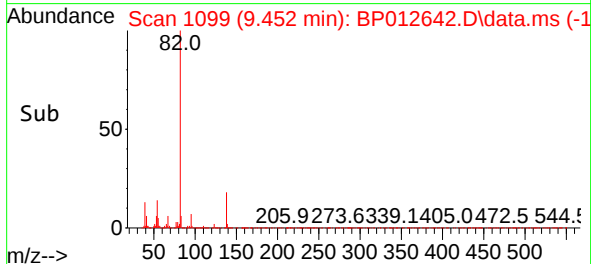
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



Tgt Ion: 82 Resp: 2133564
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 17.9 14.6 21.8

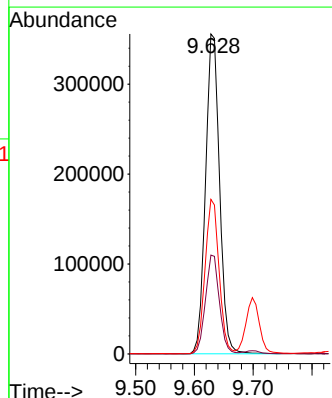
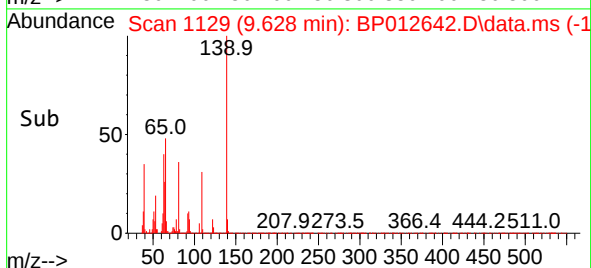
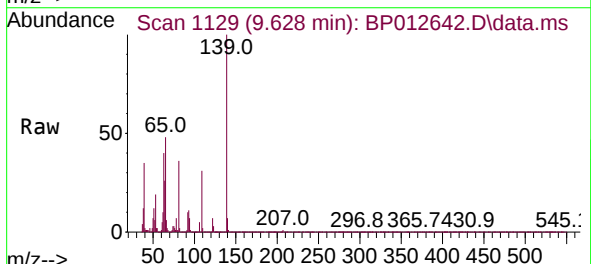
Manual Integrations
APPROVED

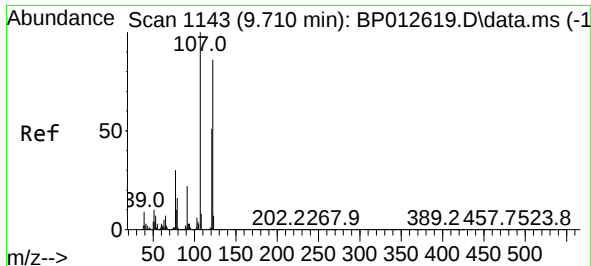
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#26
2-Nitrophenol
Concen: 48.380 ng
RT: 9.628 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Tgt Ion:139 Resp: 591067
Ion Ratio Lower Upper
139 100
109 30.9 24.6 37.0
65 48.3 39.7 59.5





#27

2,4-Dimethylphenol

Concen: 54.790 ng

RT: 9.699 min Scan# 1141

Delta R.T. -0.012 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

Instrument :

BNA_P

ClientSampleId :

SB-33MSD

Tgt Ion:122 Resp: 1000036

Ion Ratio Lower Upper

122 100

107 115.3 92.7 139.1

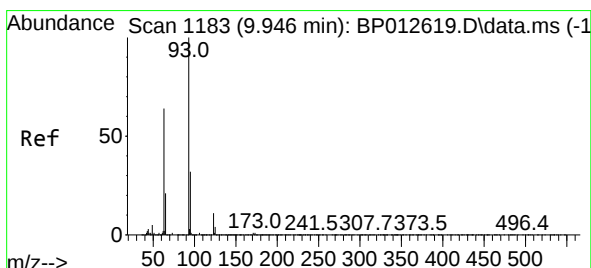
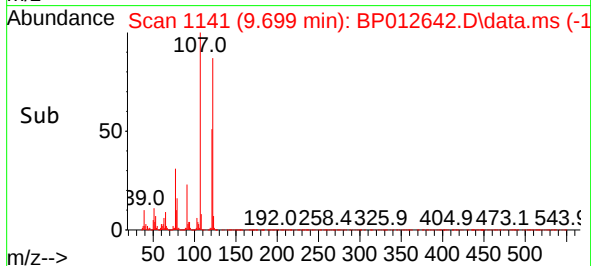
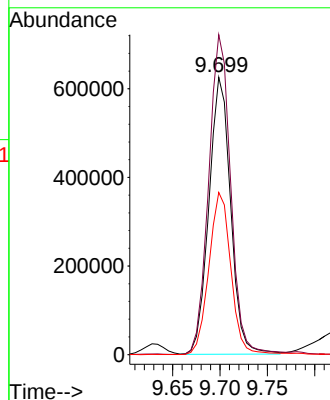
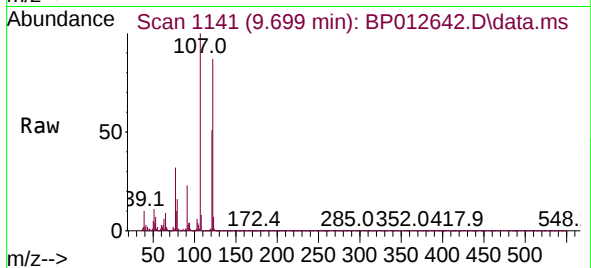
121 58.4 47.1 70.7

Manual Integrations

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Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.933 ng

RT: 9.934 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

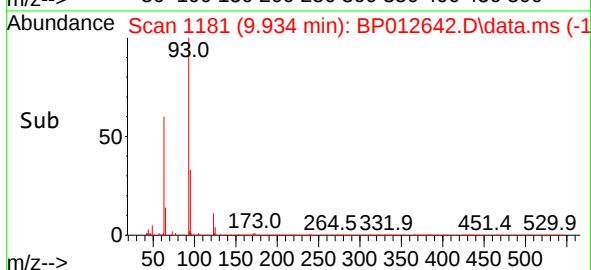
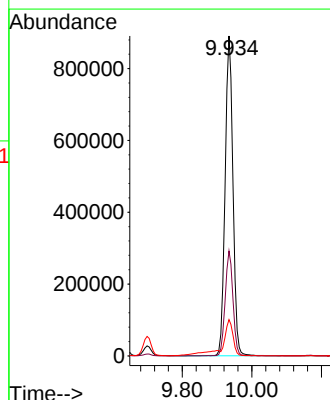
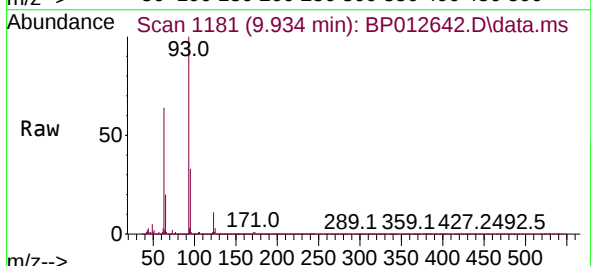
Tgt Ion: 93 Resp: 1392625

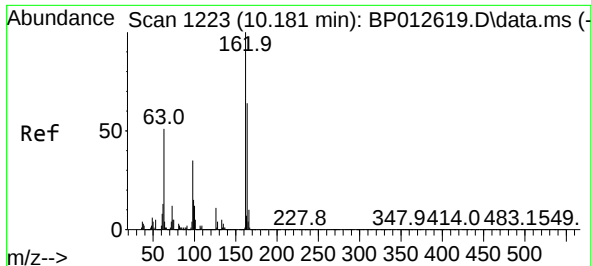
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

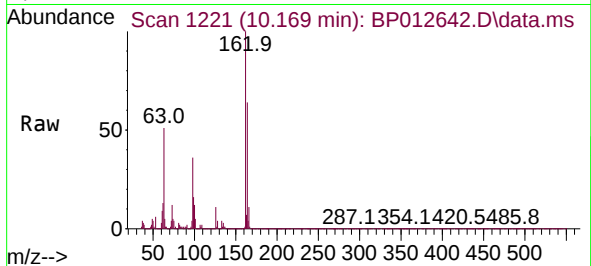
123 11.3 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 48.916 ng
RT: 10.169 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

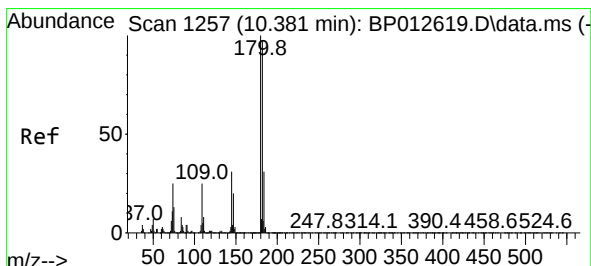
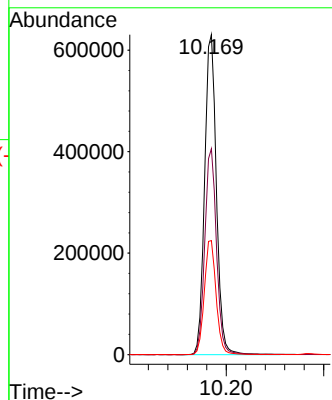
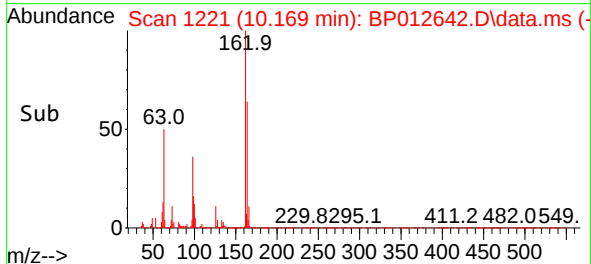
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



Tgt Ion:162 Resp: 1057666
Ion Ratio Lower Upper
162 100
164 64.3 44.1 84.1
98 35.6 15.1 55.1

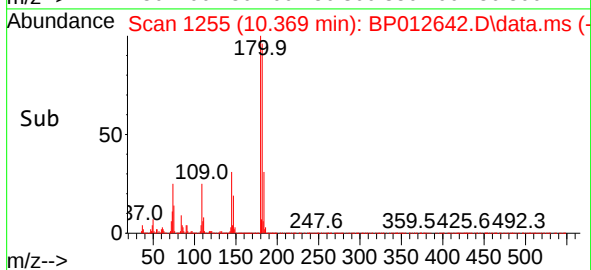
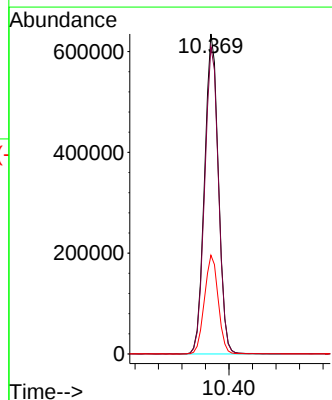
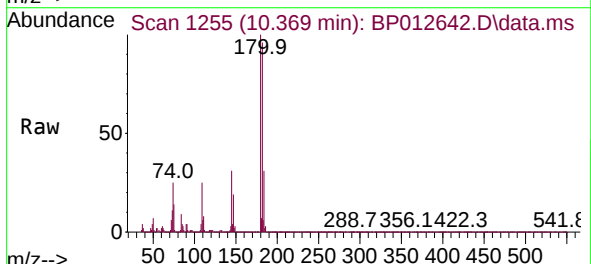
Manual Integrations
APPROVED

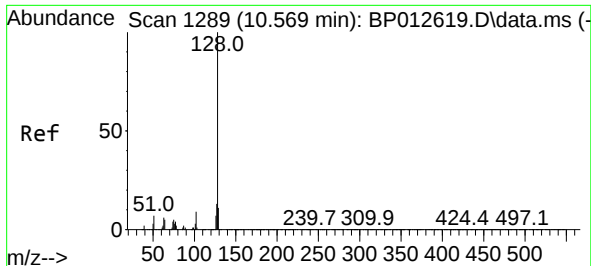
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#30
1,2,4-Trichlorobenzene
Concen: 44.326 ng
RT: 10.369 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

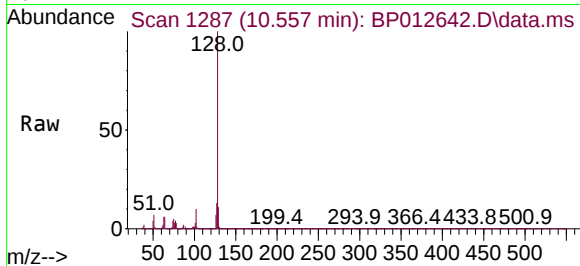
Tgt Ion:180 Resp: 1038655
Ion Ratio Lower Upper
180 100
182 96.0 77.4 116.2
145 30.8 24.6 36.8





#31
Naphthalene
Concen: 42.946 ng
RT: 10.557 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

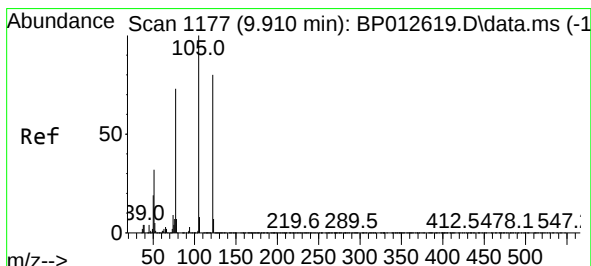
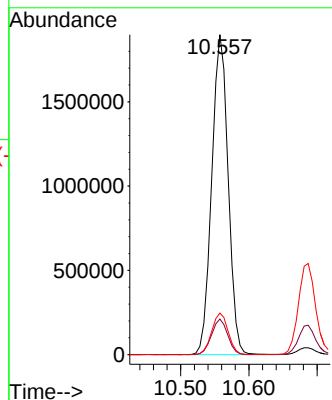
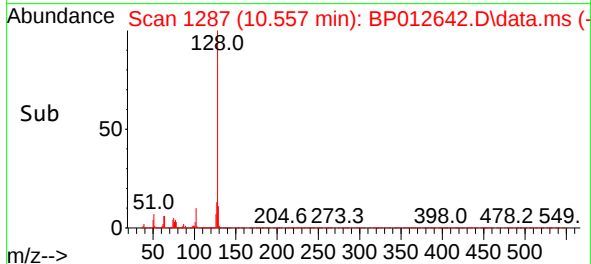
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



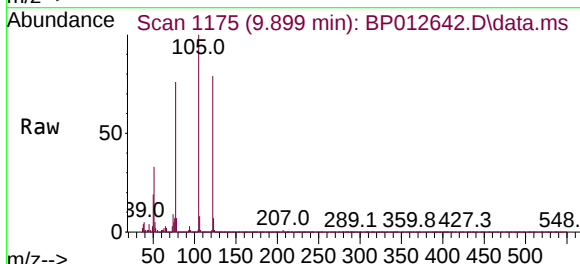
Tgt Ion:128 Resp: 3164736
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.5 15.7

Manual Integrations
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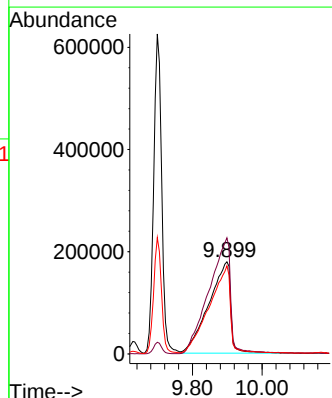
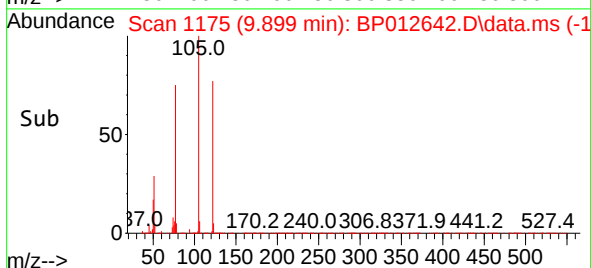
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

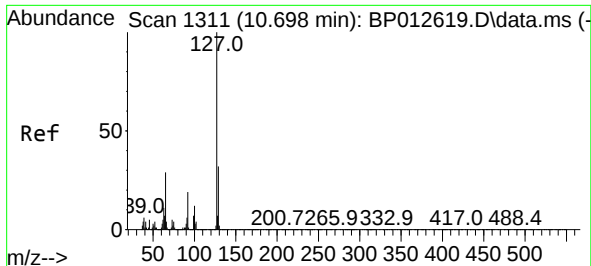


#32
Benzoic acid
Concen: 42.334 ng
RT: 9.899 min Scan# 1175
Delta R.T. -0.011 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14



Tgt Ion:122 Resp: 781105
Ion Ratio Lower Upper
122 100
105 126.2 102.2 142.2
77 95.8 70.7 110.7





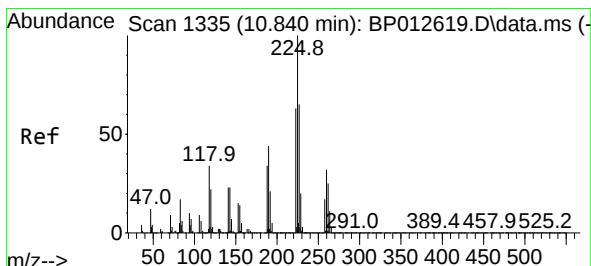
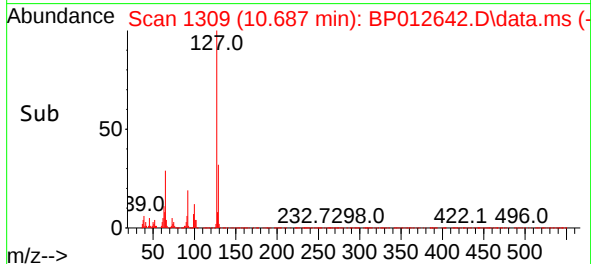
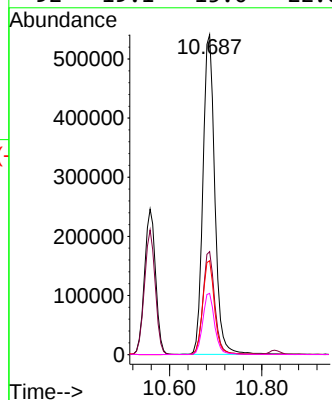
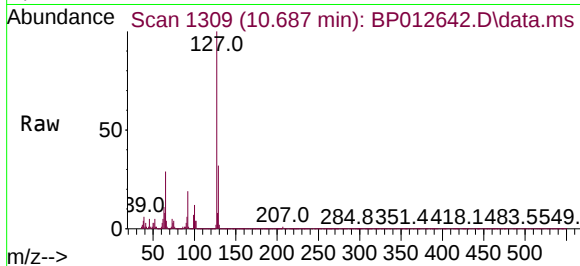
#33
4-Chloroaniline
Concen: 31.395 ng
RT: 10.687 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Instrument :
BNA_P
ClientSampleId :
SB-33MSD

Tgt Ion:	127	Resp:	964959
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.8	38.6
65	29.3	23.4	35.0
92	19.1	15.0	22.6

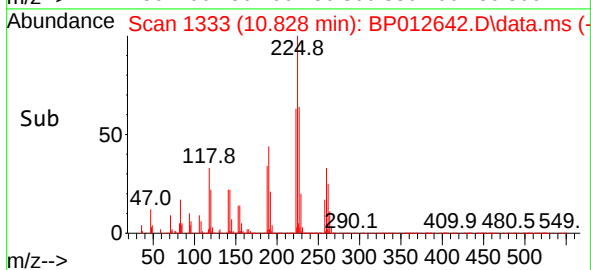
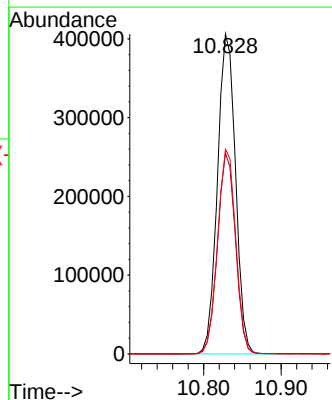
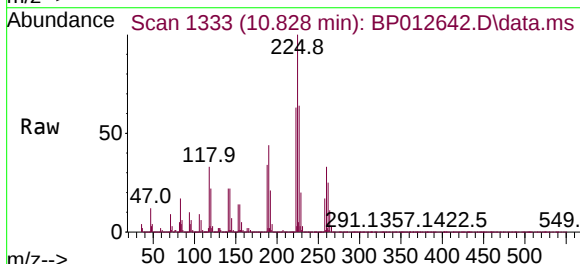
Manual Integrations
APPROVED

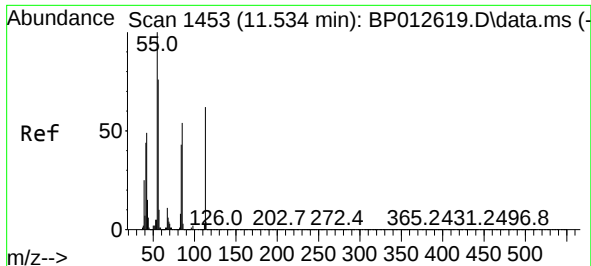
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#34
Hexachlorobutadiene
Concen: 44.353 ng
RT: 10.828 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

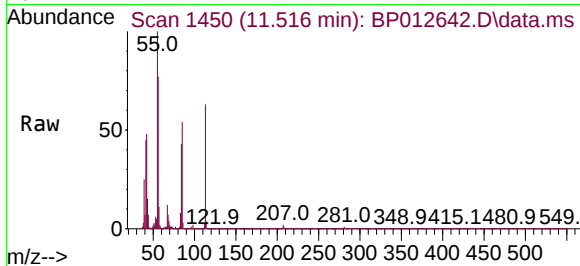
Tgt Ion:	225	Resp:	657515
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.6	75.8
227	63.9	51.7	77.5





#35
Caprolactam
Concen: 45.149 ng m
RT: 11.516 min Scan# 14
Delta R.T. -0.017 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

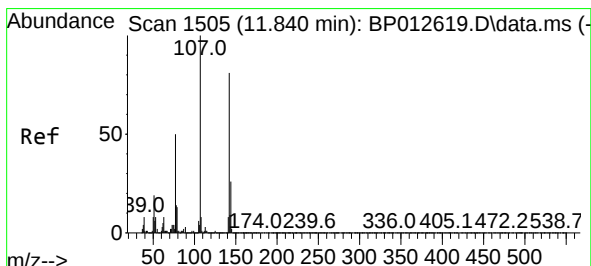
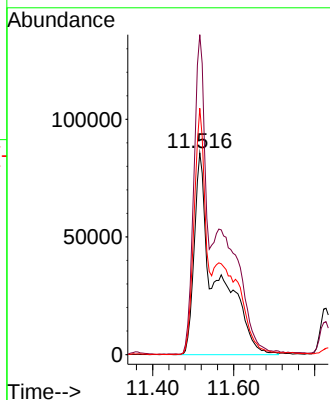
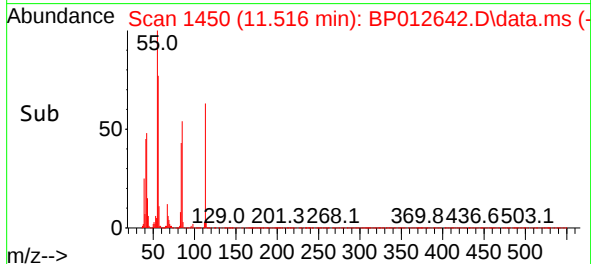
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



Tgt Ion:113 Resp: 326288
Ion Ratio Lower Upper
113 100
55 158.7 141.9 181.9
56 122.1 102.8 142.8

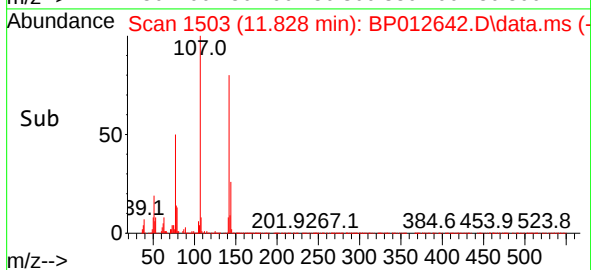
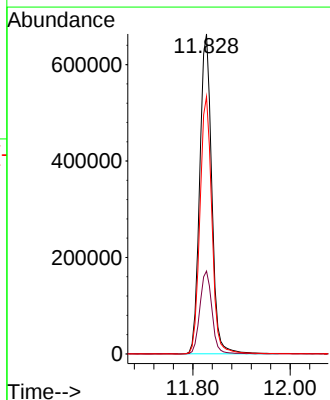
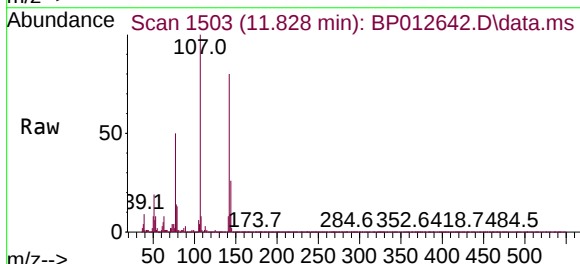
Manual Integrations
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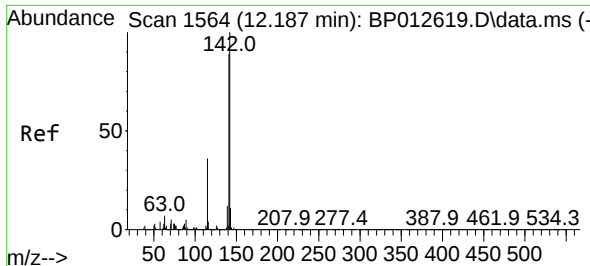
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#36
4-Chloro-3-methylphenol
Concen: 46.414 ng
RT: 11.828 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

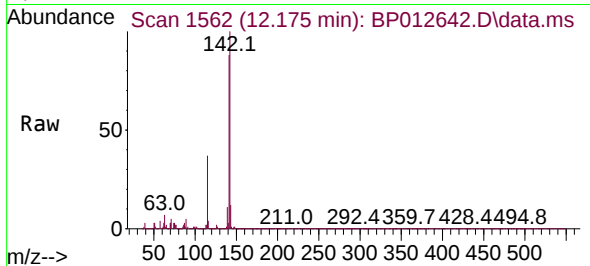
Tgt Ion:107 Resp: 1132725
Ion Ratio Lower Upper
107 100
144 25.9 20.9 31.3
142 80.4 64.8 97.2





#37
2-Methylnaphthalene
Concen: 42.556 ng
RT: 12.175 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

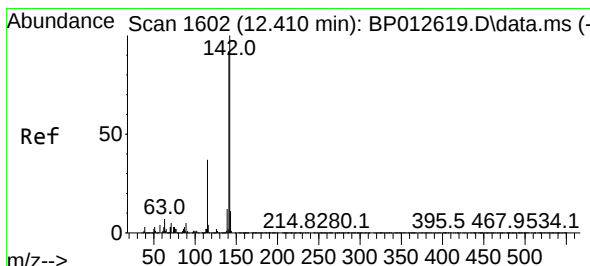
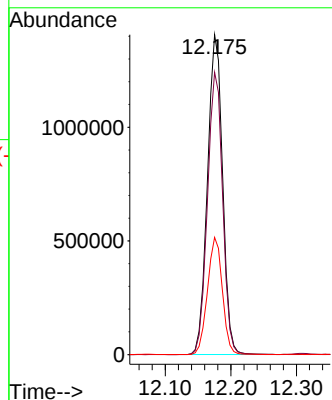
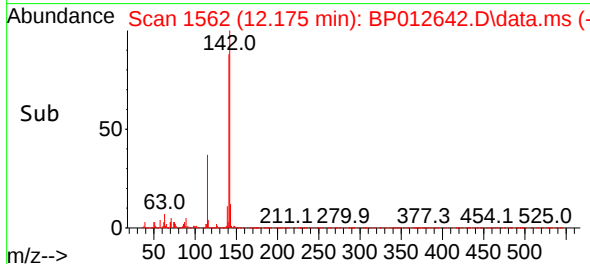
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



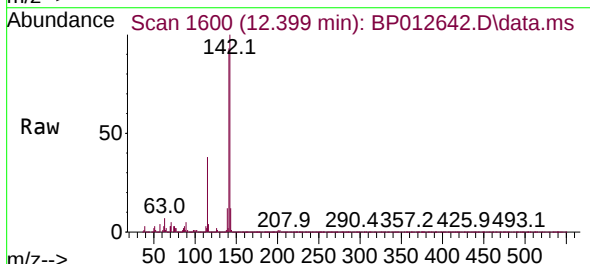
Tgt Ion:142 Resp: 2247790
Ion Ratio Lower Upper
142 100
141 88.3 71.5 107.3
115 36.6 29.0 43.4

Manual Integrations
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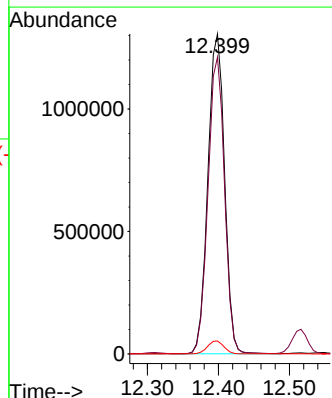
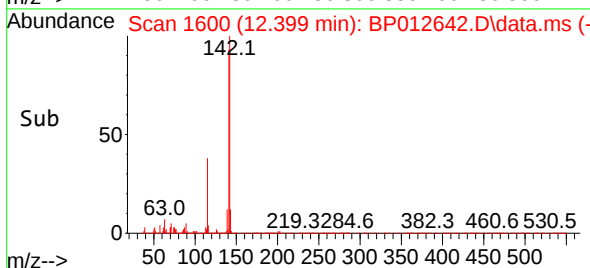
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

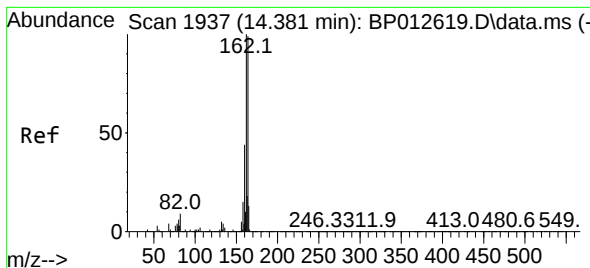


#38
1-Methylnaphthalene
Concen: 41.047 ng
RT: 12.399 min Scan# 1600
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14



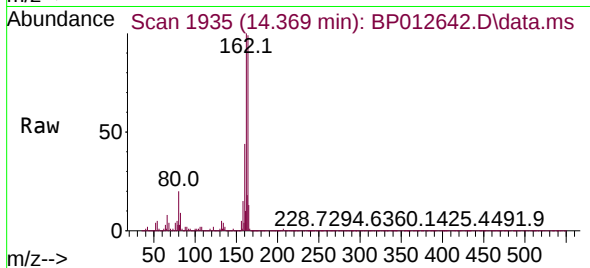
Tgt Ion:142 Resp: 2121343
Ion Ratio Lower Upper
142 100
141 92.7 74.0 111.0
116 4.1 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

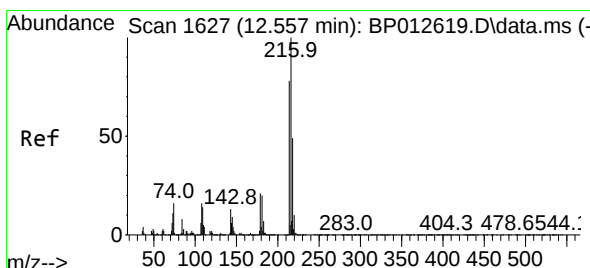
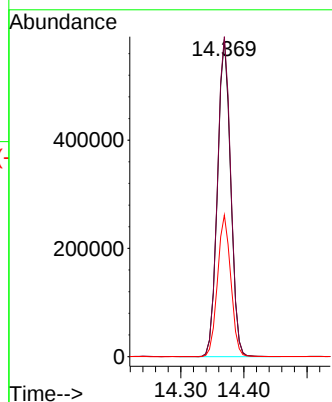
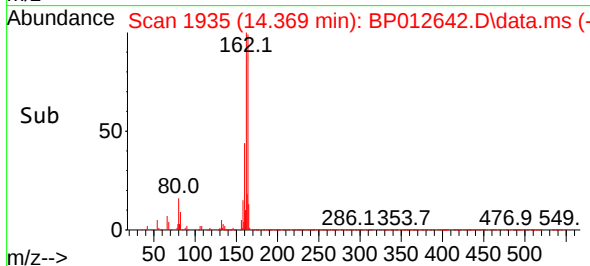
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



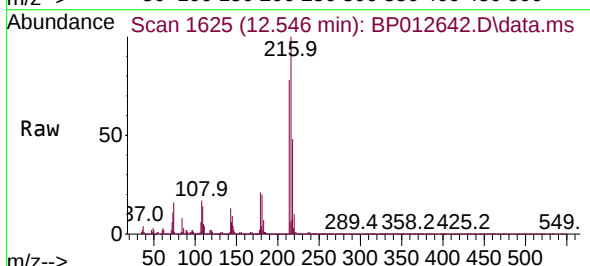
Tgt Ion:164 Resp: 848122
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.6
160 44.6 36.1 54.1

Manual Integrations
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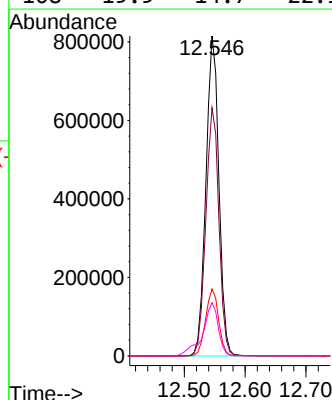
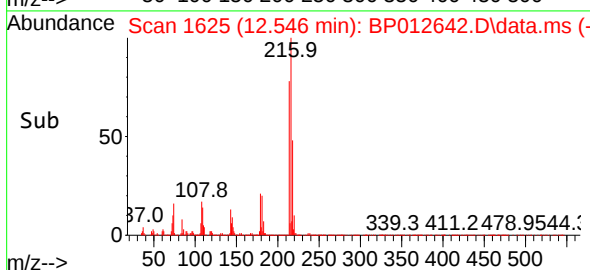
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

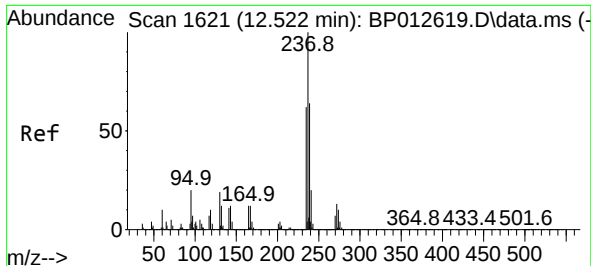


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.599 ng
RT: 12.546 min Scan# 1625
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14



Tgt Ion:216 Resp: 1202874
Ion Ratio Lower Upper
216 100
214 78.3 62.8 94.2
179 20.9 16.8 25.2
108 19.9 14.7 22.1





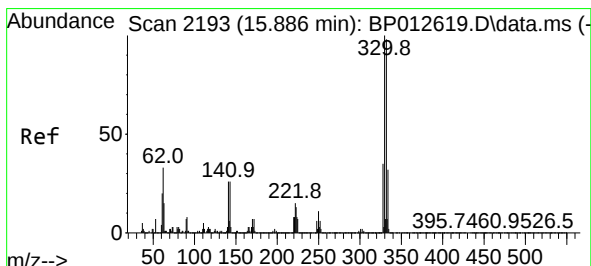
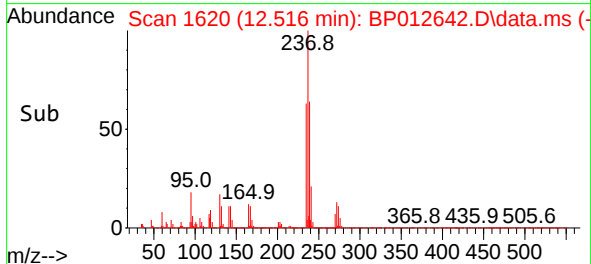
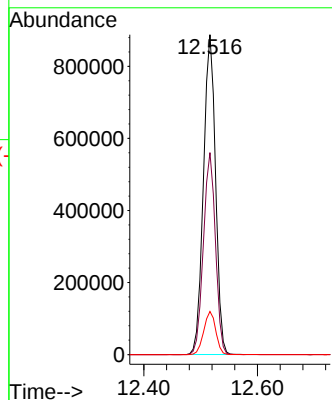
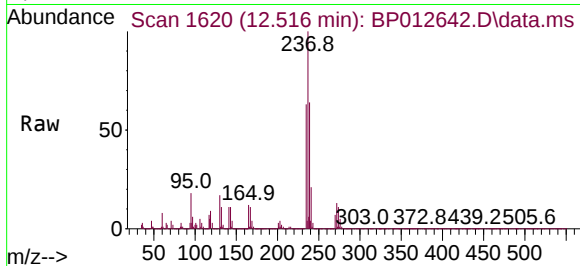
#41
Hexachlorocyclopentadiene
Concen: 100.349 ng
RT: 12.516 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Instrument :
BNA_P
ClientSampleId :
SB-33MSD

Tgt Ion:237 Resp: 1312183
Ion Ratio Lower Upper
237 100
235 63.1 42.1 82.1
272 13.5 0.0 33.2

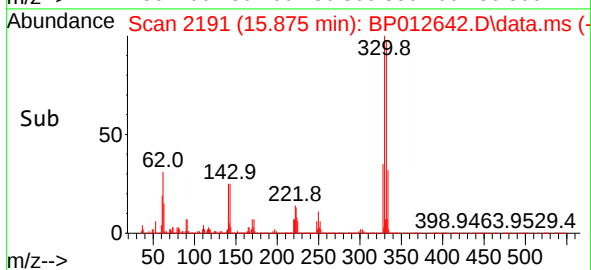
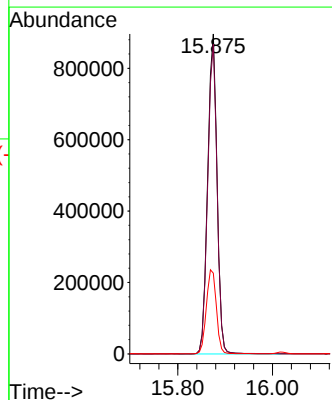
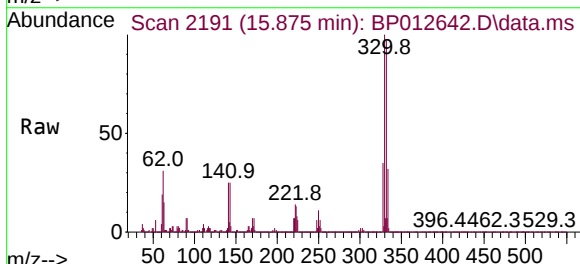
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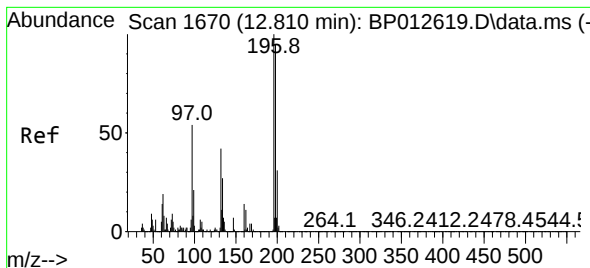
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#42
2,4,6-Tribromophenol
Concen: 106.142 ng
RT: 15.875 min Scan# 2191
Delta R.T. -0.011 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Tgt Ion:330 Resp: 1228919
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 28.2 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 47.443 ng

RT: 12.799 min Scan# 1668

Delta R.T. -0.011 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

Instrument :

BNA_P

ClientSampleId :

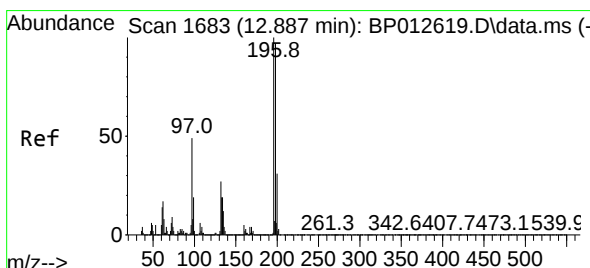
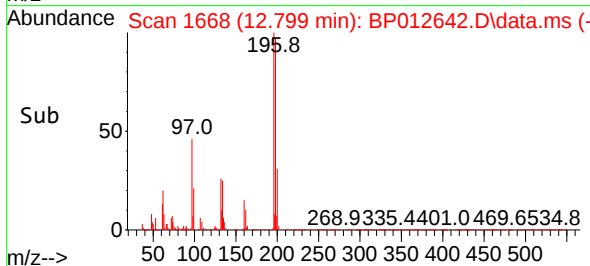
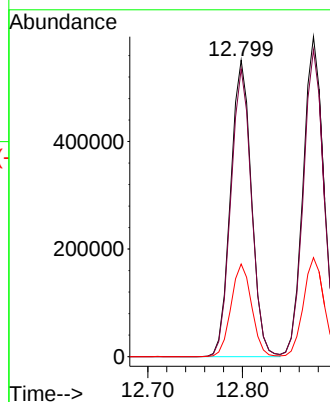
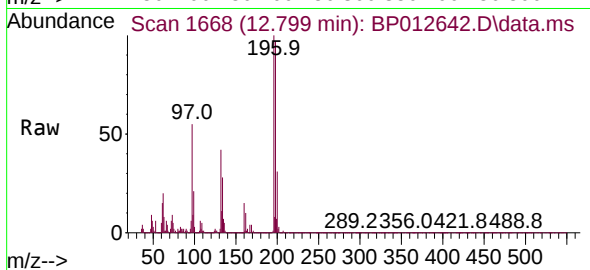
SB-33MSD

Tgt Ion:196 Resp: 842185
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.9 113.9
 200 31.2 24.7 37.1

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Reviewed By :Christian Giraldo 11/14/2022
 Supervised By :Jagrut Upadhyay 11/14/2022



#44

2,4,5-Trichlorophenol

Concen: 46.321 ng

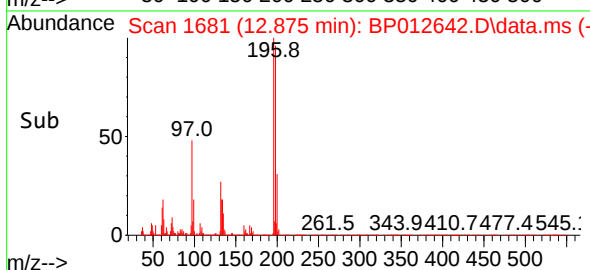
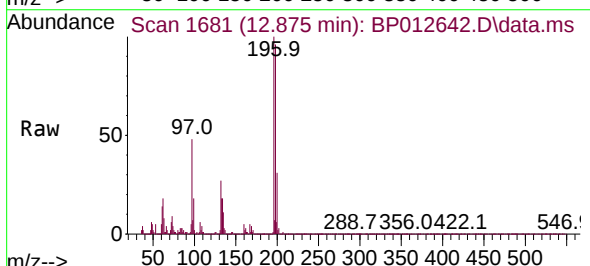
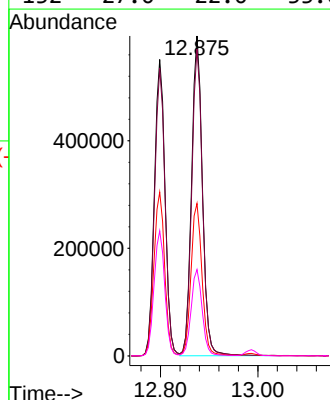
RT: 12.875 min Scan# 1681

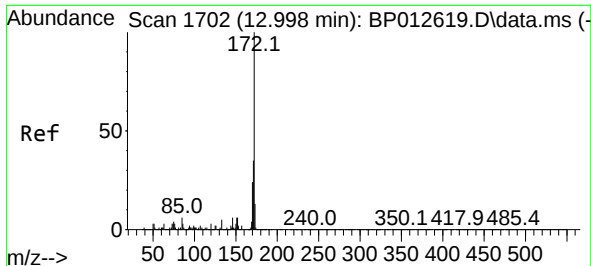
Delta R.T. -0.012 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

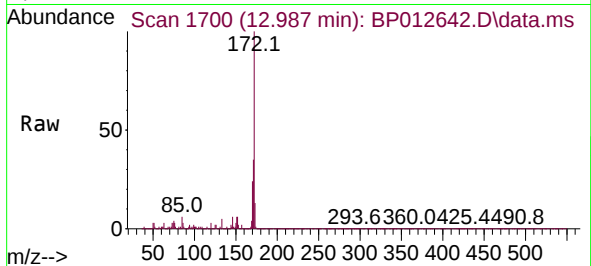
Tgt Ion:196 Resp: 917839
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.8 116.8
 97 47.6 39.0 58.4
 132 27.0 22.0 33.0





#45
2-Fluorobiphenyl
Concen: 62.209 ng
RT: 12.987 min Scan# 1702
Delta R.T. -0.011 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

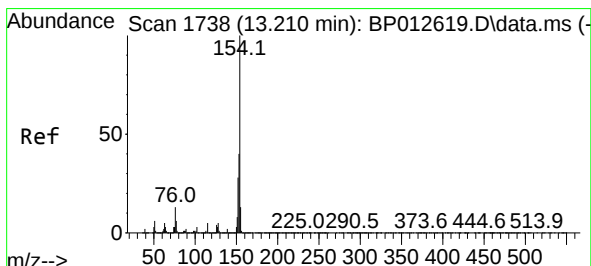
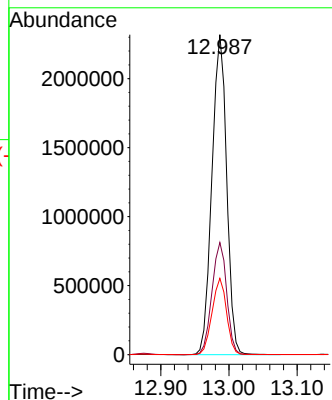
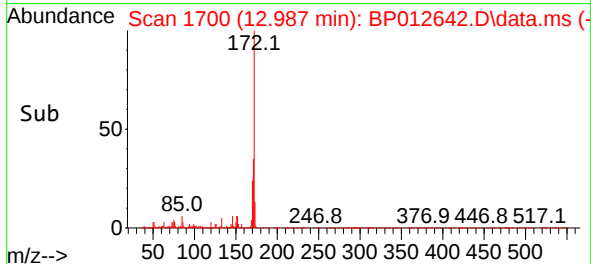
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



Tgt Ion:172 Resp: 3475498
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.8 19.0 28.6

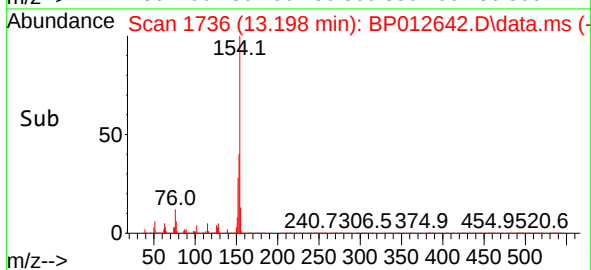
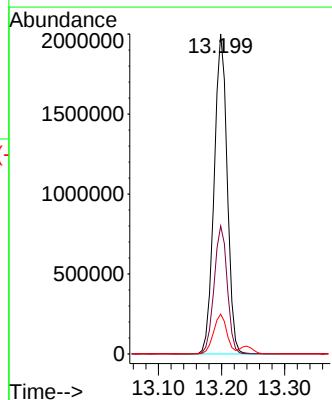
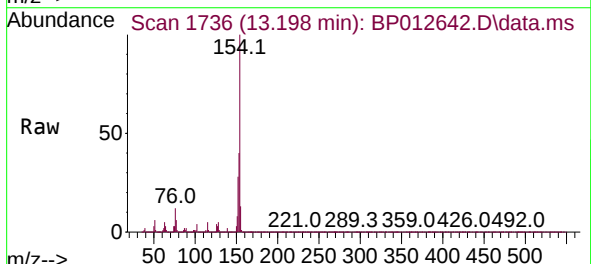
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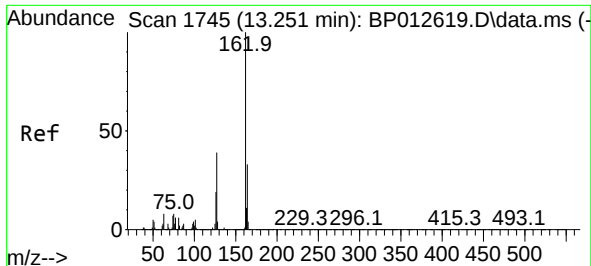
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#46
1,1'-Biphenyl
Concen: 45.836 ng
RT: 13.198 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

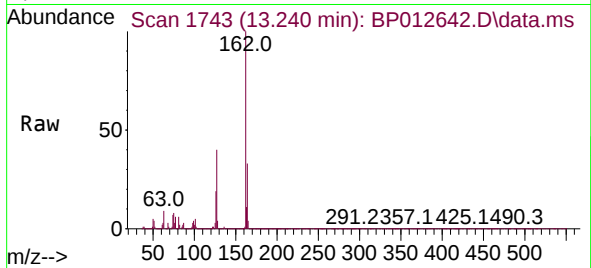
Tgt Ion:154 Resp: 2878889
Ion Ratio Lower Upper
154 100
153 40.0 20.3 60.3
76 12.4 0.0 32.7





#47
2-Chloronaphthalene
Concen: 45.373 ng
RT: 13.240 min Scan# 1745
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

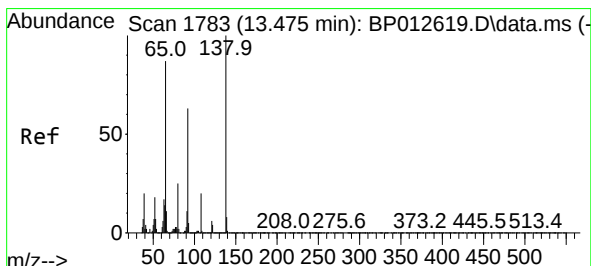
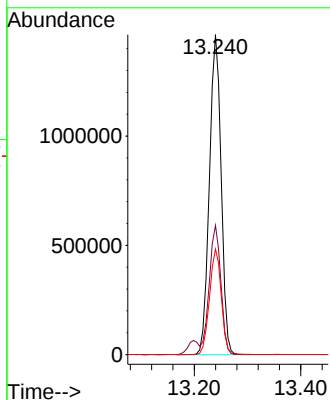
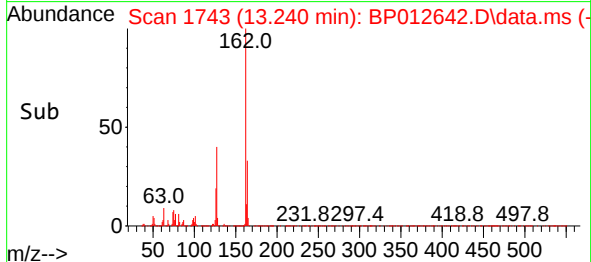
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



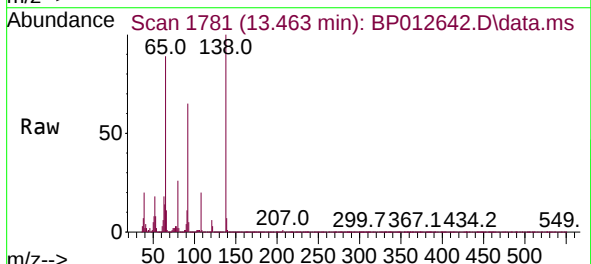
Tgt Ion:162 Resp: 2236704
Ion Ratio Lower Upper
162 100
127 40.4 31.5 47.3
164 33.0 26.5 39.7

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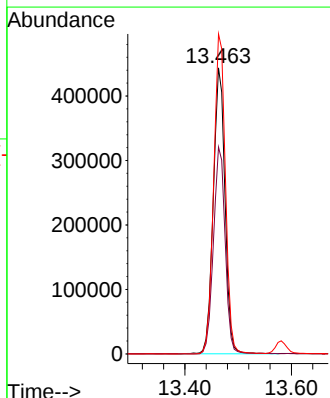
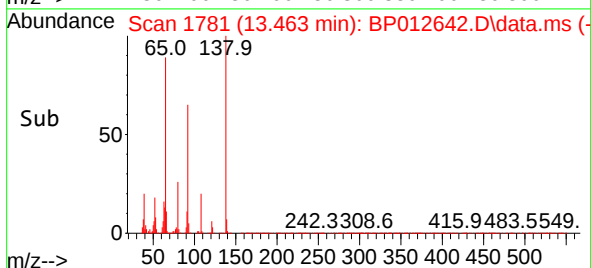
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

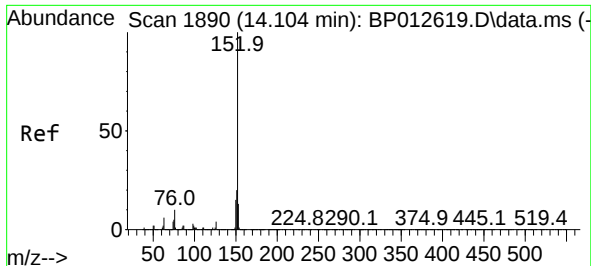


#48
2-Nitroaniline
Concen: 45.536 ng
RT: 13.463 min Scan# 1781
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14



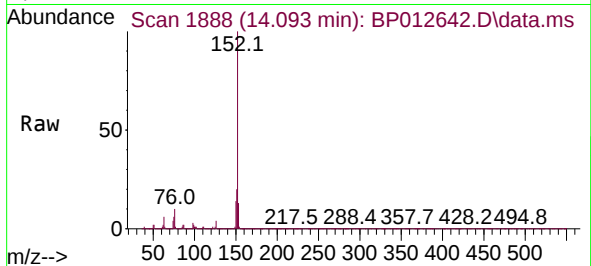
Tgt Ion: 65 Resp: 678907
Ion Ratio Lower Upper
65 100
92 72.3 57.3 85.9
138 111.9 91.4 137.2





#49
Acenaphthylene
Concen: 44.478 ng
RT: 14.093 min Scan# 1888
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

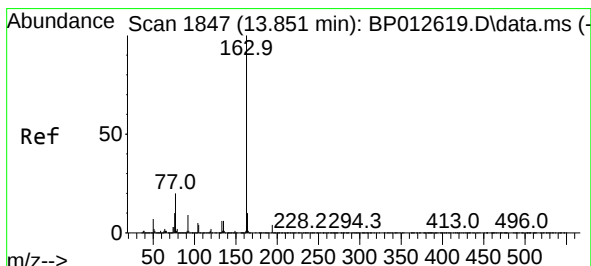
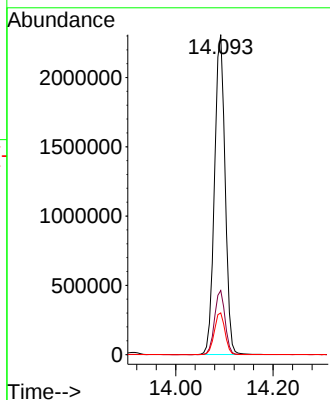
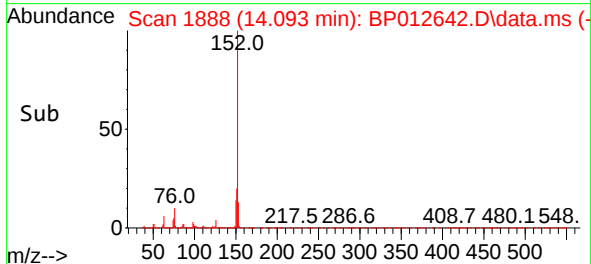
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



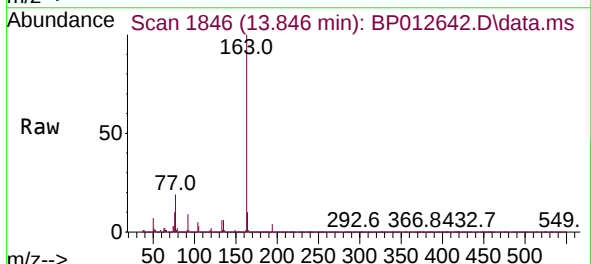
Tgt Ion:152 Resp: 348182
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.0 10.4 15.6

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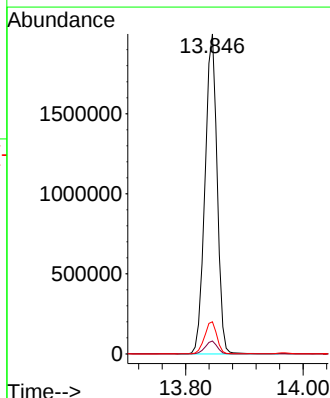
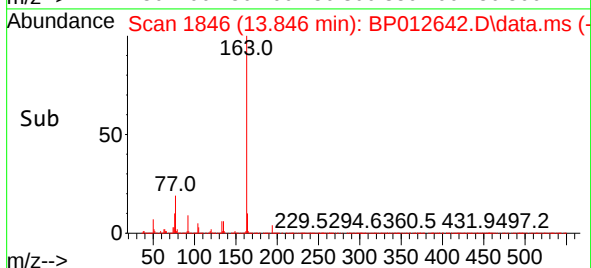
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

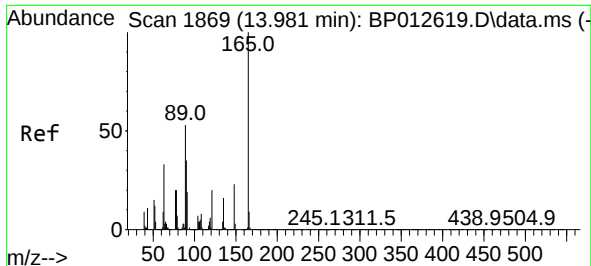


#50
Dimethylphthalate
Concen: 42.663 ng
RT: 13.846 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14



Tgt Ion:163 Resp: 2859452
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.2 12.4





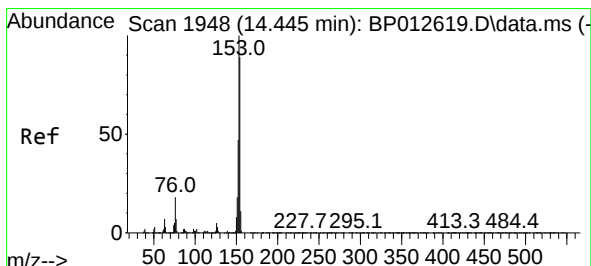
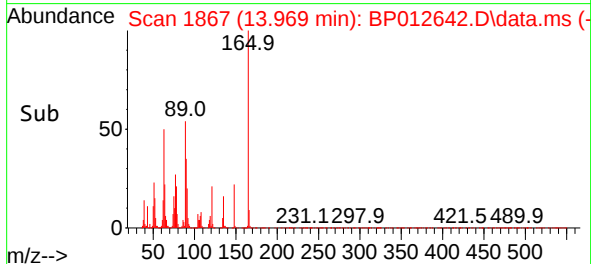
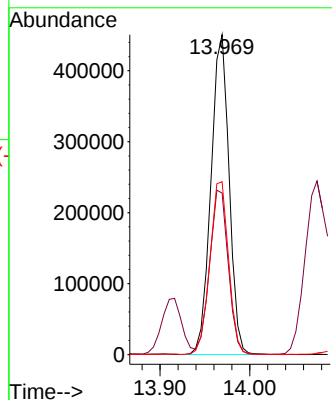
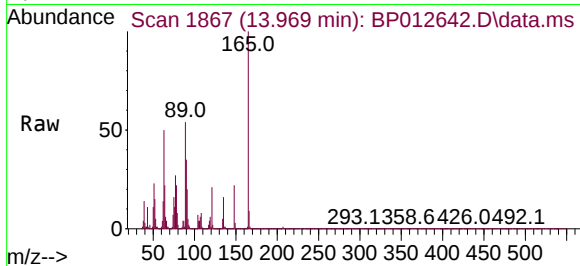
#51
2,6-Dinitrotoluene
Concen: 44.534 ng
RT: 13.969 min Scan# 1867
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Instrument :
BNA_P
ClientSampleId :
SB-33MSD

Tgt Ion:165 Resp: 636529
Ion Ratio Lower Upper
165 100
63 50.5 40.7 61.1
89 54.0 42.8 64.2

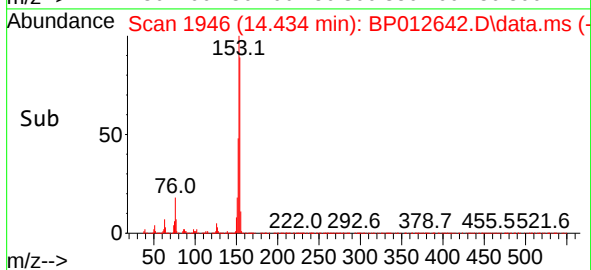
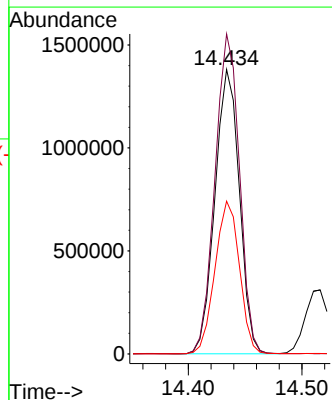
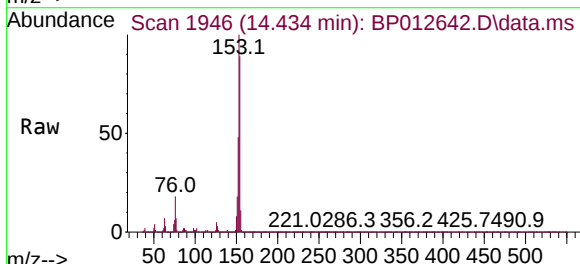
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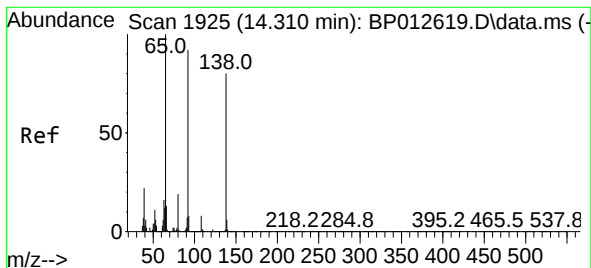
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#52
Acenaphthene
Concen: 43.384 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Tgt Ion:154 Resp: 2067197
Ion Ratio Lower Upper
154 100
153 112.5 90.3 135.5
152 53.7 42.8 64.2





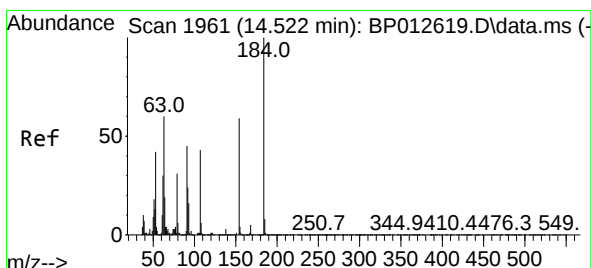
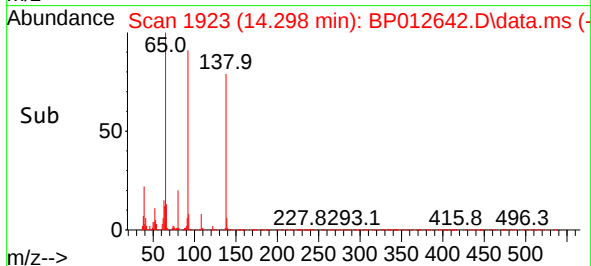
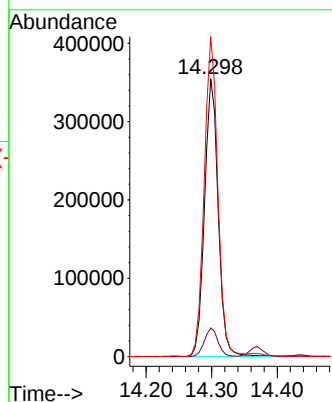
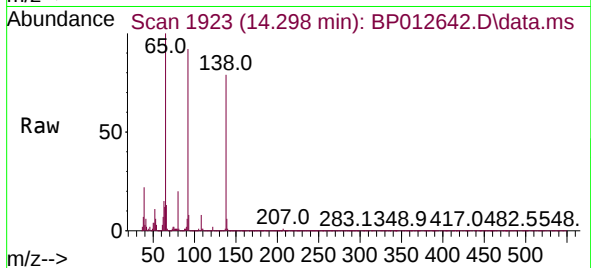
#53
3-Nitroaniline
Concen: 33.140 ng
RT: 14.298 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Instrument :
BNA_P
ClientSampleId :
SB-33MSD

Tgt Ion:138 Resp: 509786
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.4
92 115.2 91.1 136.7

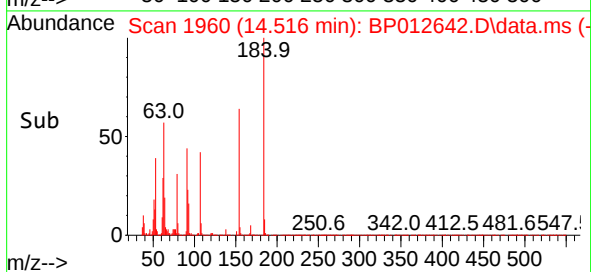
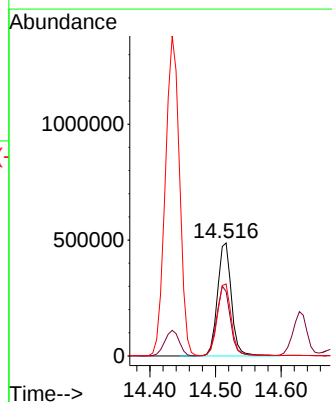
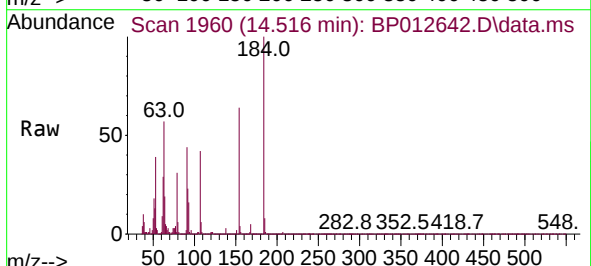
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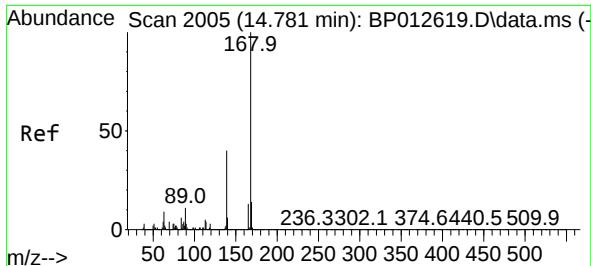
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#54
2,4-Dinitrophenol
Concen: 71.376 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

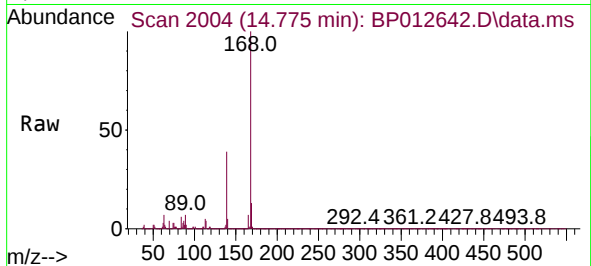
Tgt Ion:184 Resp: 718463
Ion Ratio Lower Upper
184 100
63 57.2 48.5 72.7
154 63.6 49.4 74.2





#55
Dibenzenofuran
Concen: 42.501 ng
RT: 14.775 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

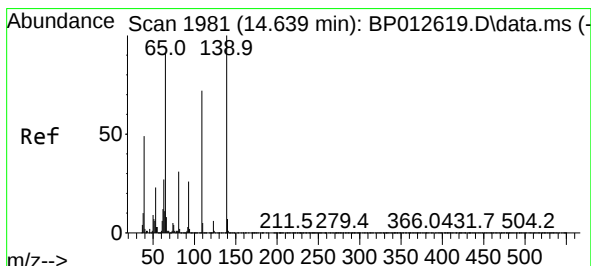
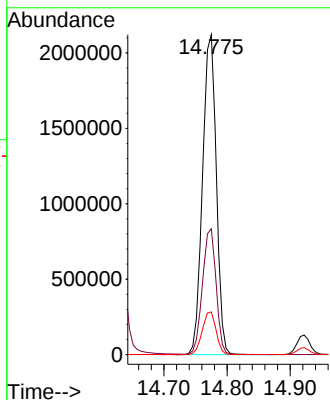
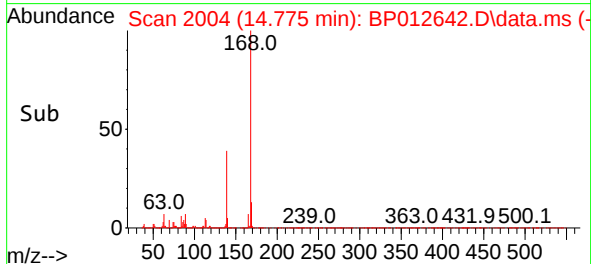
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



Tgt Ion:168 Resp: 3200802
Ion Ratio Lower Upper
168 100
139 39.4 31.7 47.5
169 13.3 10.9 16.3

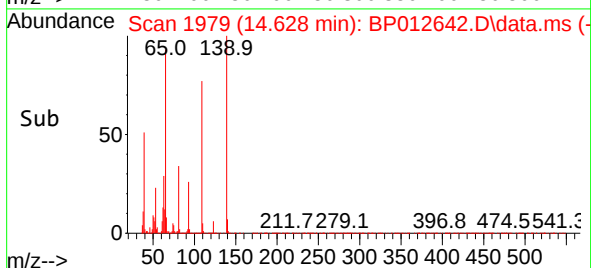
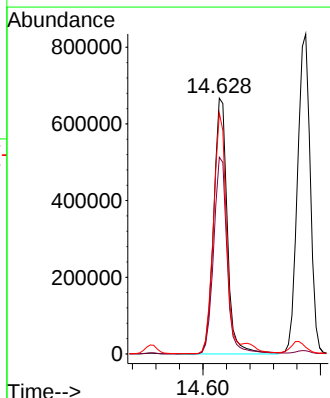
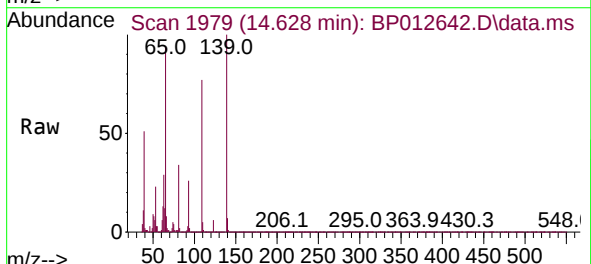
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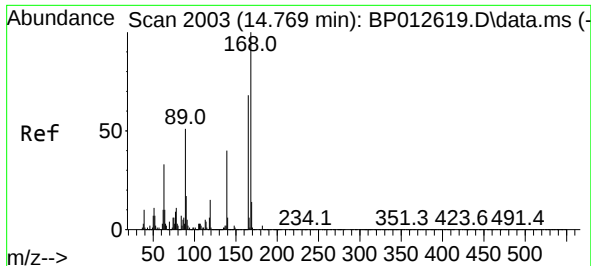
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#56
4-Nitrophenol
Concen: 83.499 ng
RT: 14.628 min Scan# 1979
Delta R.T. -0.011 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

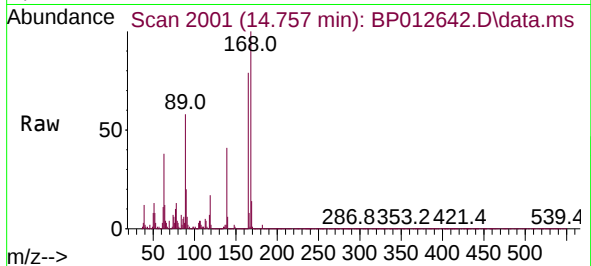
Tgt Ion:139 Resp: 1067499
Ion Ratio Lower Upper
139 100
109 76.9 52.1 92.1
65 94.2 71.4 111.4





#57
2,4-Dinitrotoluene
Concen: 44.301 ng
RT: 14.757 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

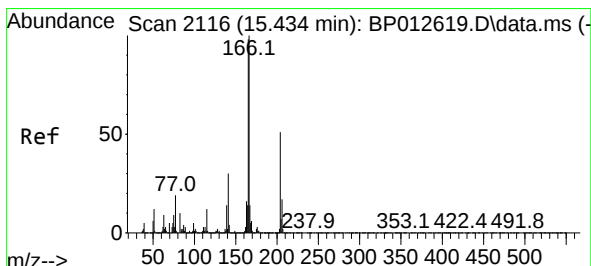
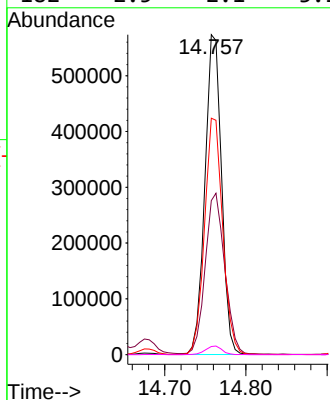
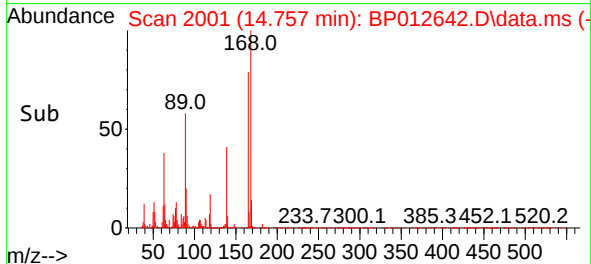
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



Tgt Ion:165 Resp: 816062
Ion Ratio Lower Upper
165 100
63 48.1 39.1 58.7
89 73.9 60.3 90.5
182 2.5 2.1 3.1

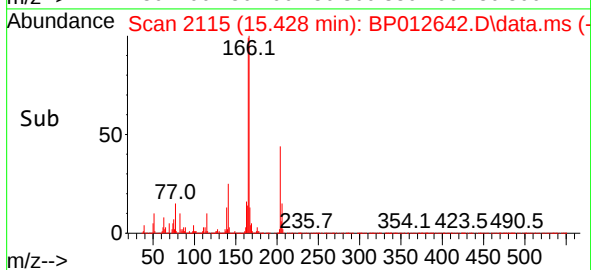
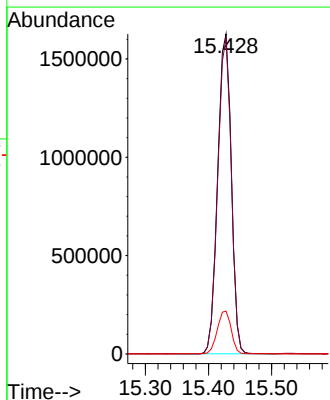
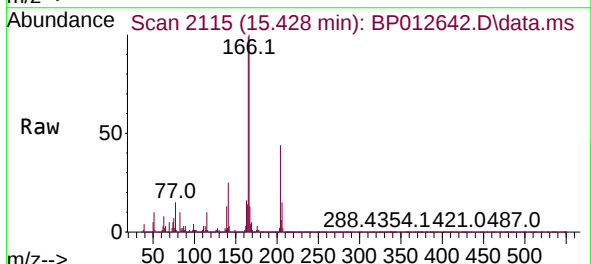
Manual Integrations
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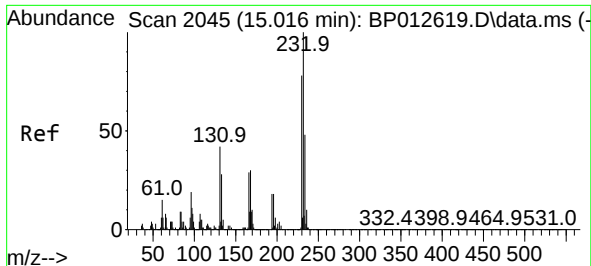
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#58
Fluorene
Concen: 40.996 ng
RT: 15.428 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

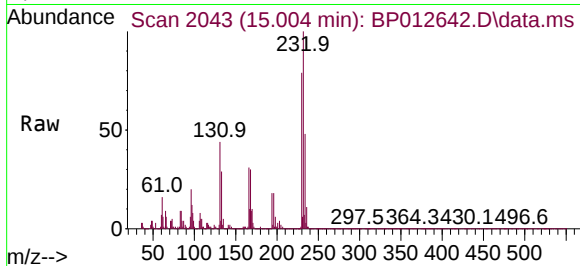
Tgt Ion:166 Resp: 2437170
Ion Ratio Lower Upper
166 100
165 98.6 78.6 117.8
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.406 ng
RT: 15.004 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

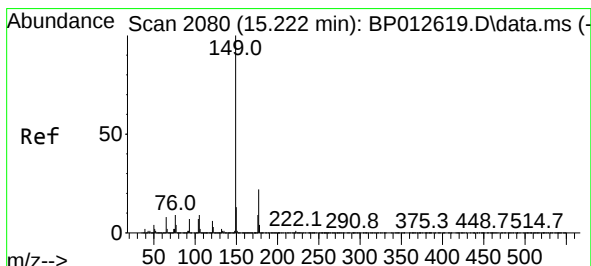
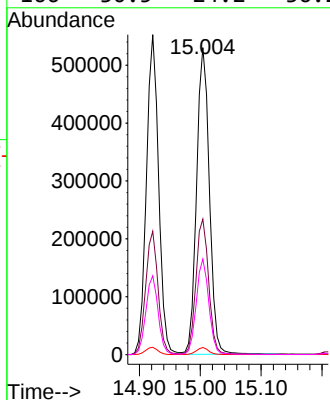
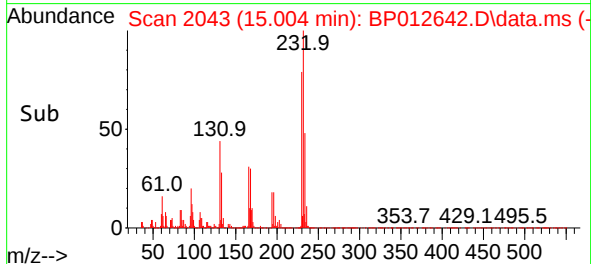
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



Tgt Ion:232 Resp: 773884
Ion Ratio Lower Upper
232 100
131 44.0 35.5 53.3
130 2.2 1.8 2.8
166 30.5 24.2 36.2

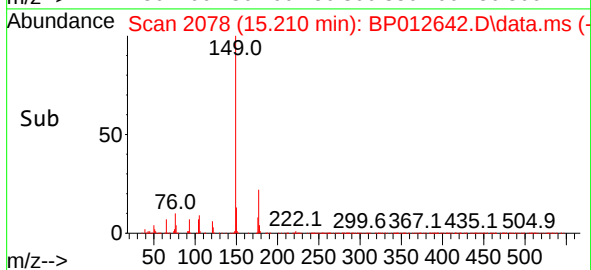
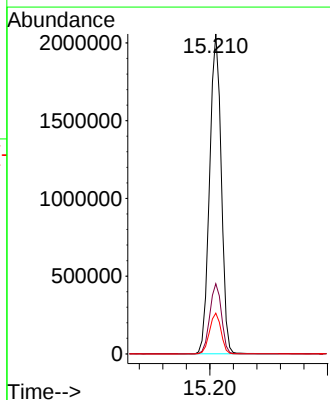
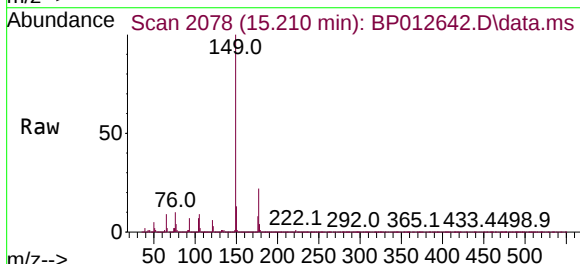
Manual Integrations
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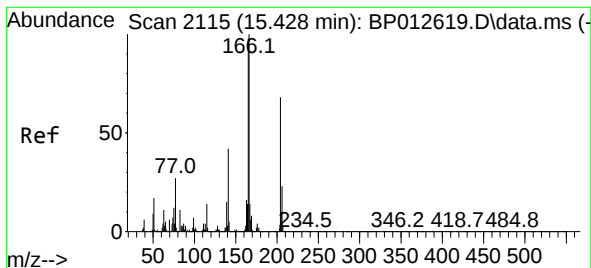
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#60
Diethylphthalate
Concen: 42.076 ng
RT: 15.210 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Tgt Ion:149 Resp: 2823178
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 12.7 10.2 15.2





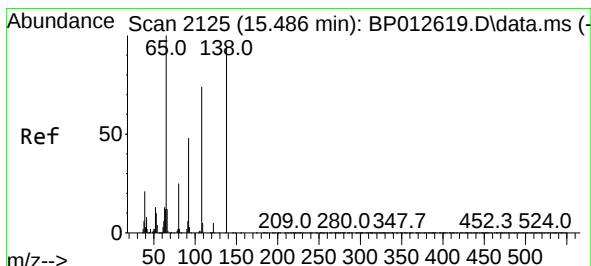
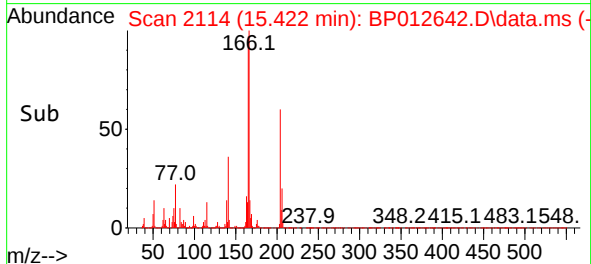
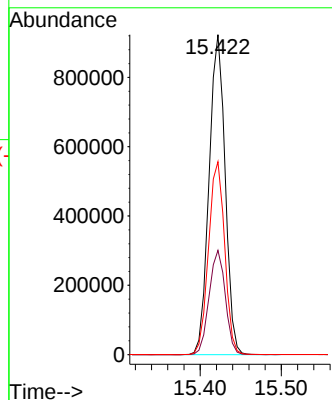
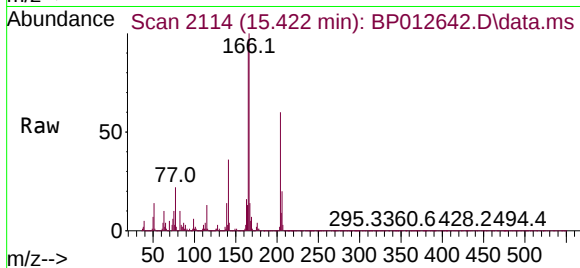
#61
4-Chlorophenyl-phenylether
Concen: 43.205 ng
RT: 15.422 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Instrument :
BNA_P
ClientSampleId :
SB-33MSD

Tgt Ion:204 Resp: 1273143
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 60.3 49.7 74.5

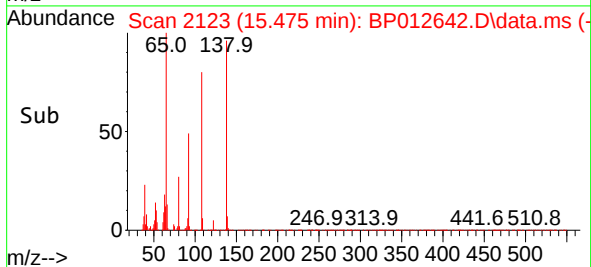
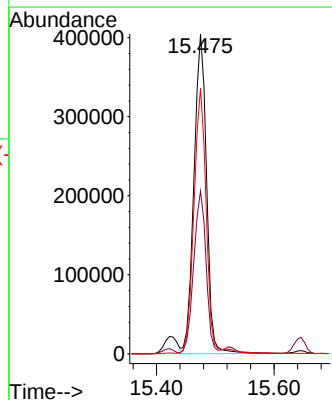
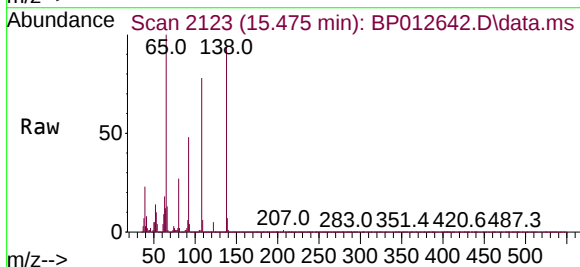
Manual Integrations
APPROVED

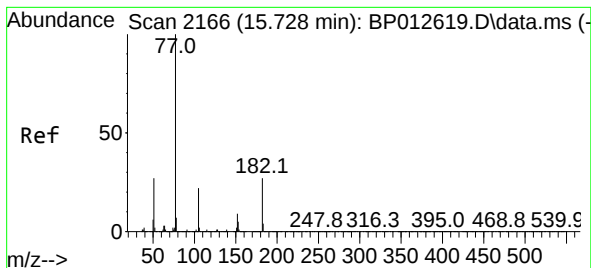
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#62
4-Nitroaniline
Concen: 37.845 ng
RT: 15.475 min Scan# 2123
Delta R.T. -0.011 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Tgt Ion:138 Resp: 601480
Ion Ratio Lower Upper
138 100
92 50.9 30.6 70.6
108 83.0 58.0 98.0





#63

Azobenzene

Concen: 42.338 ng

RT: 15.716 min Scan# 2166

Delta R.T. -0.012 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

Instrument :

BNA_P

ClientSampleId :

SB-33MSD

Tgt Ion: 77 Resp: 2546430

Ion Ratio Lower Upper

77 100

182 26.2 6.5 46.5

105 22.0 2.1 42.1

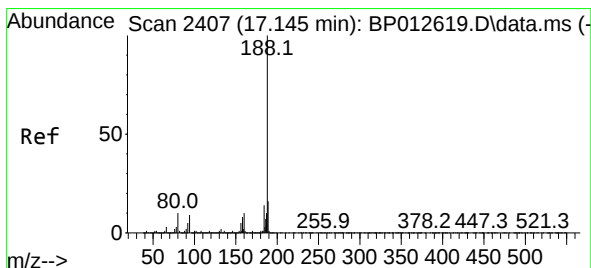
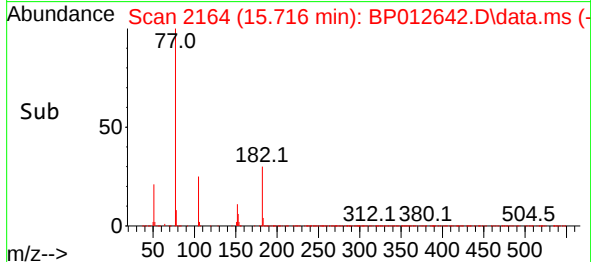
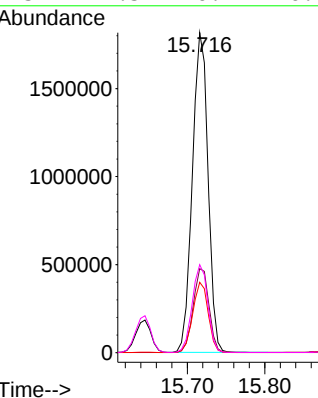
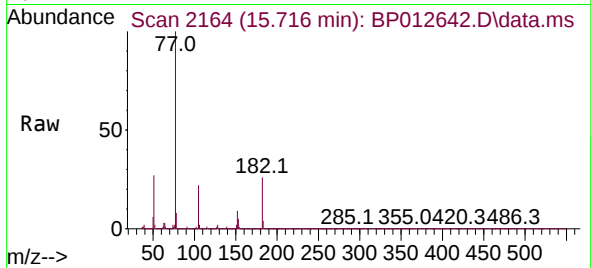
51 27.5 6.9 46.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.134 min Scan# 2405

Delta R.T. -0.012 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

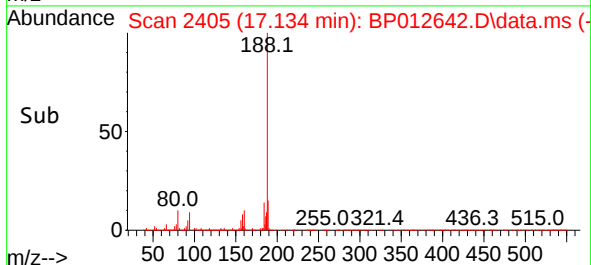
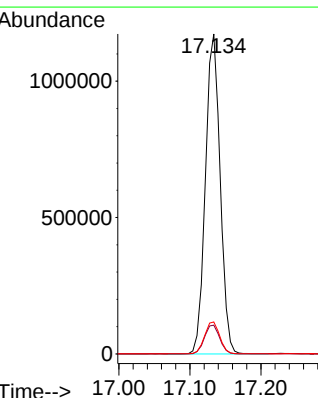
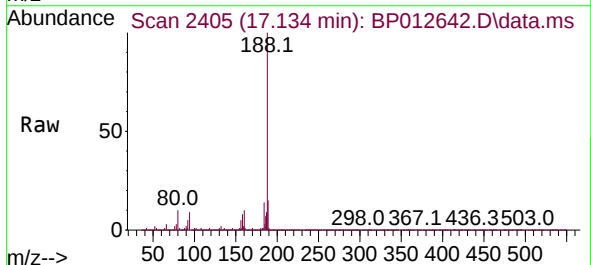
Tgt Ion:188 Resp: 1692163

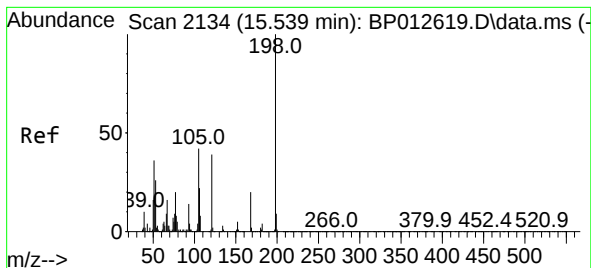
Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 10.0 8.2 12.2





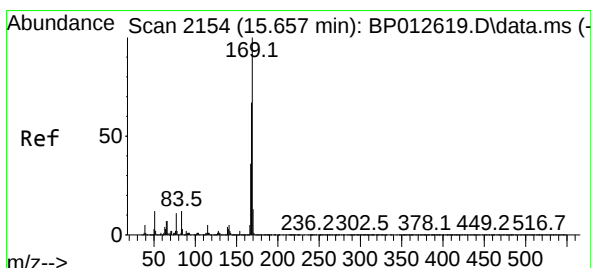
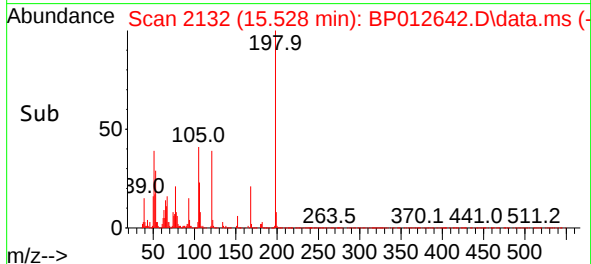
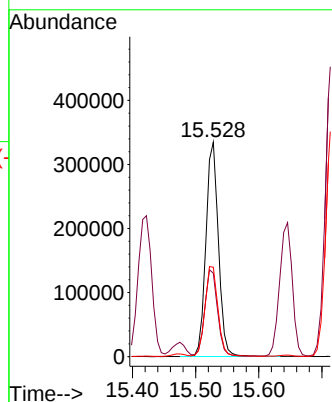
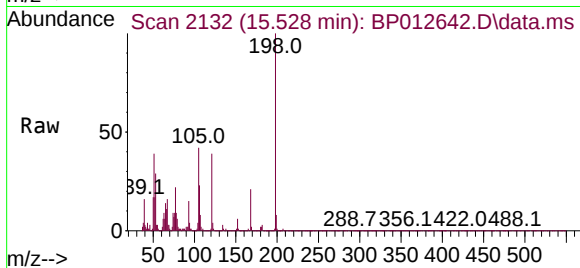
#65
4,6-Dinitro-2-methylphenol
Concen: 39.984 ng
RT: 15.528 min Scan# 2112
Delta R.T. -0.011 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Instrument :
BNA_P
ClientSampleId :
SB-33MSD

Tgt Ion:198 Resp: 459686
Ion Ratio Lower Upper
198 100
51 38.9 17.8 57.8
105 41.7 22.5 62.5

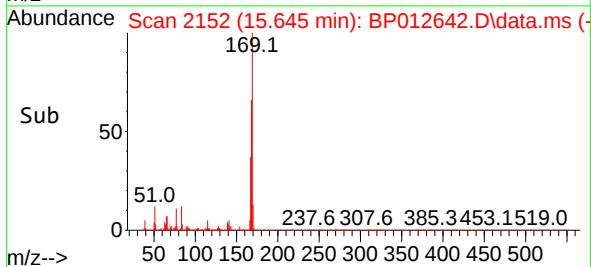
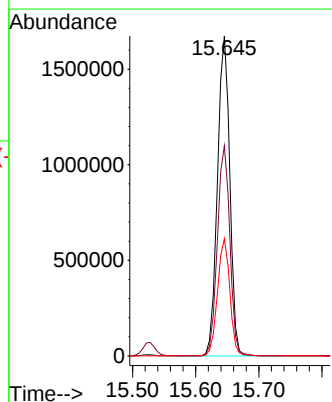
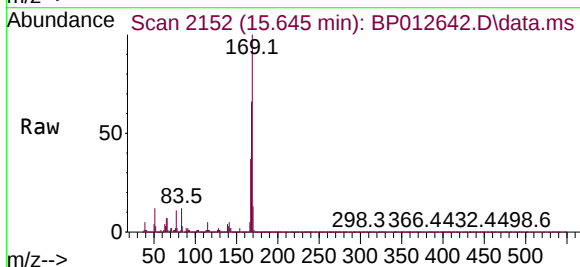
Manual Integrations
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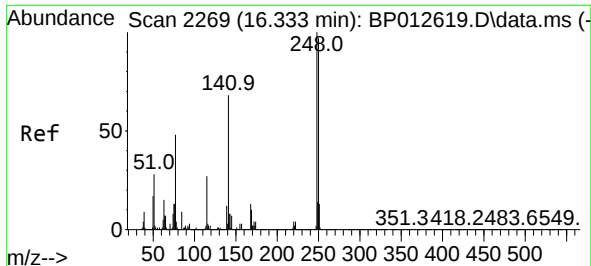
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#66
n-Nitrosodiphenylamine
Concen: 45.463 ng
RT: 15.645 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

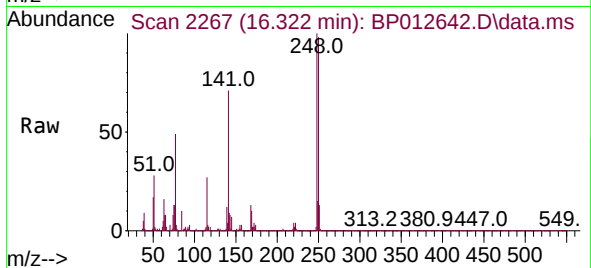
Tgt Ion:169 Resp: 2269235
Ion Ratio Lower Upper
169 100
168 65.7 53.3 79.9
167 36.6 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 46.605 ng
RT: 16.322 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

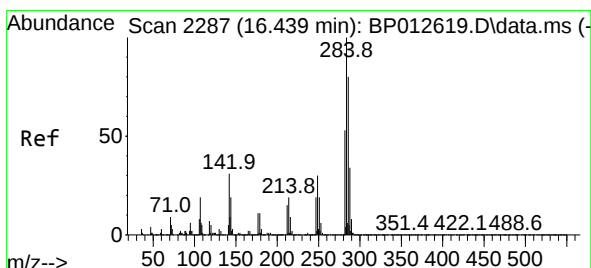
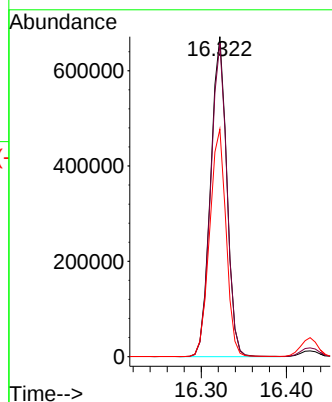
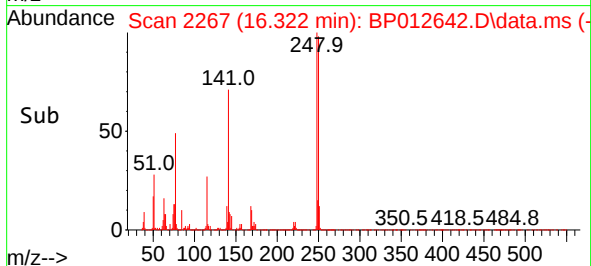
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



Tgt Ion:248 Resp: 886521
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.8
141 71.1 54.7 82.1

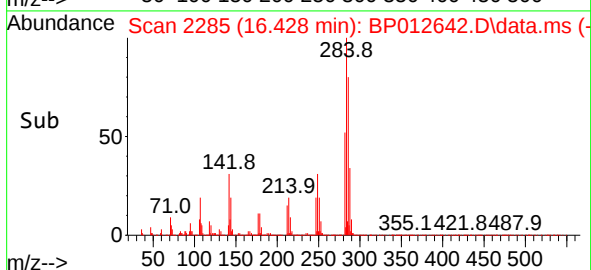
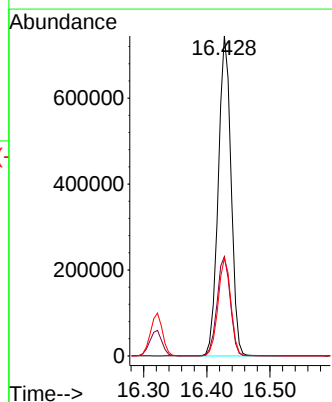
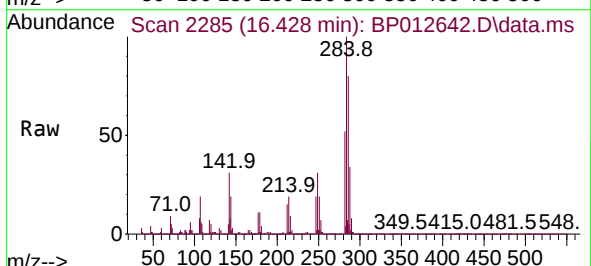
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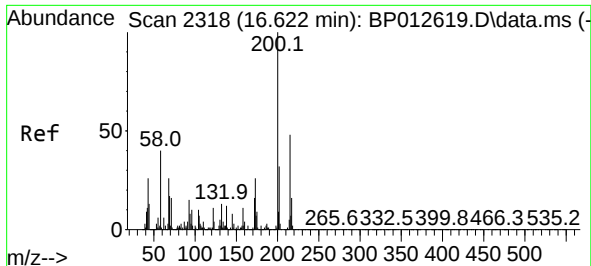
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#68
Hexachlorobenzene
Concen: 46.010 ng
RT: 16.428 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Tgt Ion:284 Resp: 1044689
Ion Ratio Lower Upper
284 100
142 31.0 25.1 37.7
249 30.6 24.2 36.2





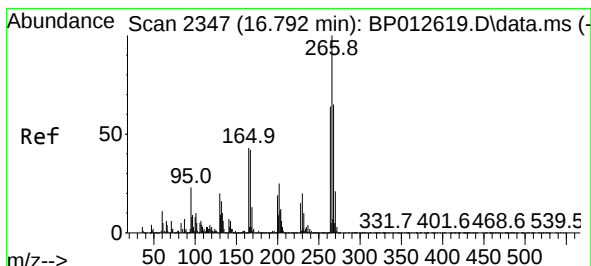
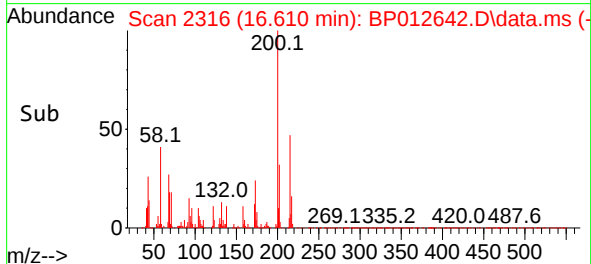
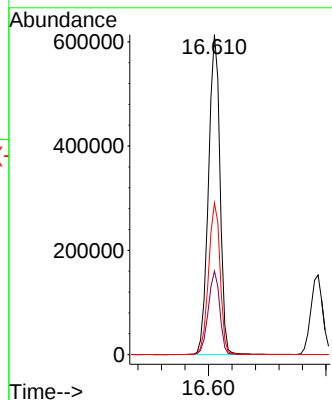
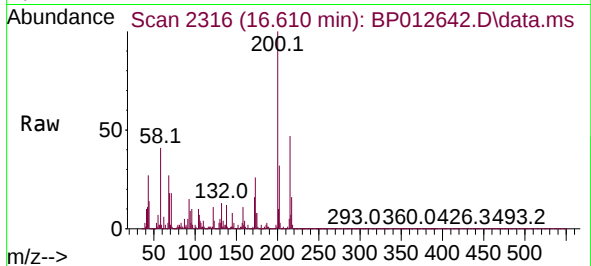
#69
Atrazine
Concen: 47.915 ng
RT: 16.610 min Scan# 2316
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Instrument :
BNA_P
ClientSampleId :
SB-33MSD

Tgt Ion:200 Resp: 833956
Ion Ratio Lower Upper
200 100
173 26.1 6.1 46.1
215 47.4 28.2 68.2

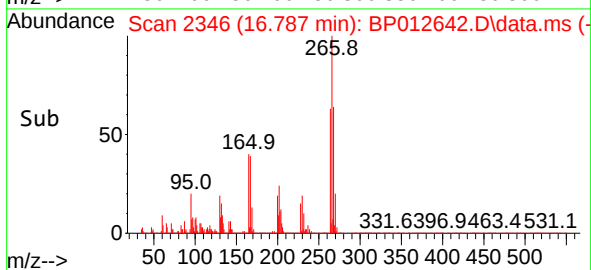
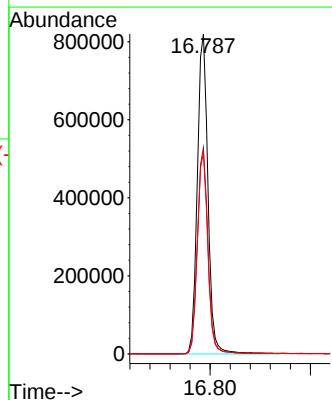
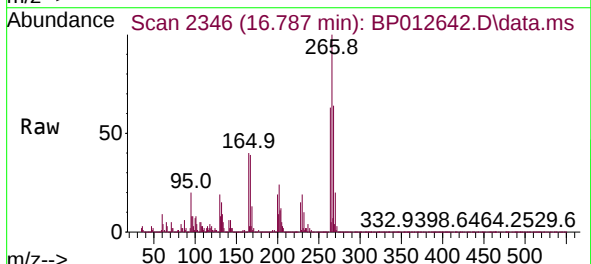
Manual Integrations
APPROVED

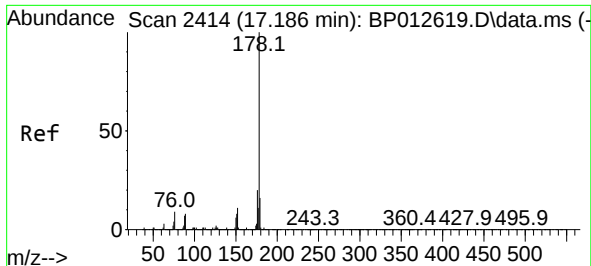
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#70
Pentachlorophenol
Concen: 86.070 ng
RT: 16.787 min Scan# 2346
Delta R.T. -0.006 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

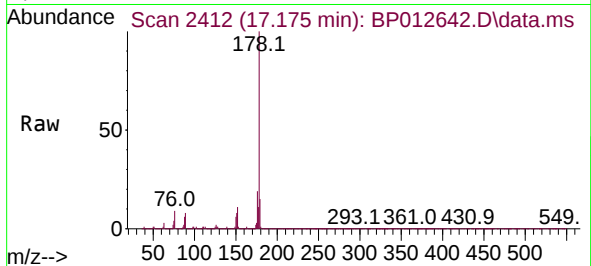
Tgt Ion:266 Resp: 1205500
Ion Ratio Lower Upper
266 100
268 64.4 51.8 77.8
264 62.8 51.4 77.2





#71
Phenanthrene
Concen: 42.359 ng
RT: 17.175 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

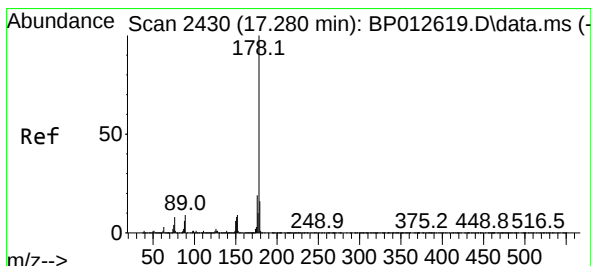
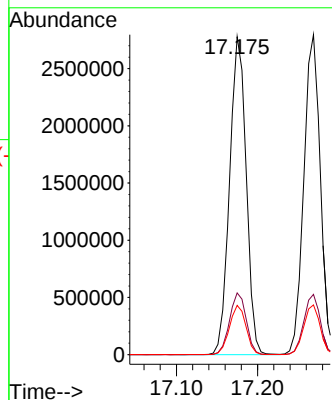
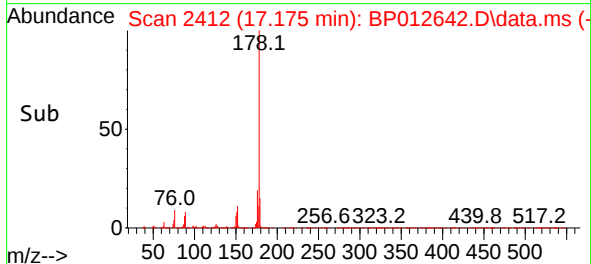
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



Tgt Ion:178 Resp: 3951183
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.5 12.6 18.8

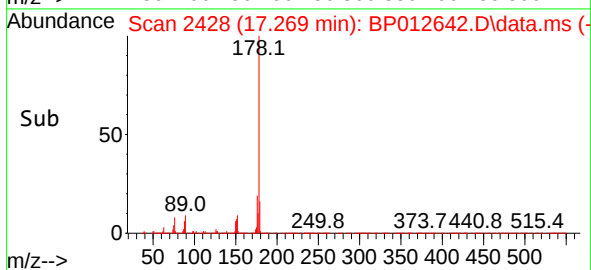
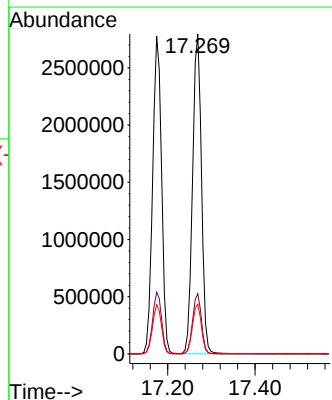
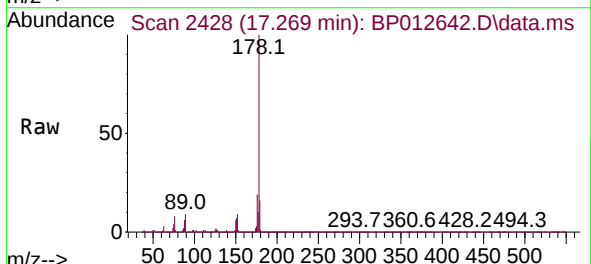
Manual Integrations
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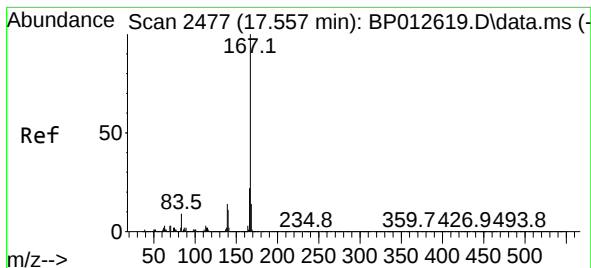
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#72
Anthracene
Concen: 44.340 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Tgt Ion:178 Resp: 3968192
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.5 12.5 18.7





#73

Carbazole

Concen: 43.313 ng

RT: 17.551 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

Instrument :

BNA_P

ClientSampleId :

SB-33MSD

Tgt Ion:167 Resp: 3629943

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

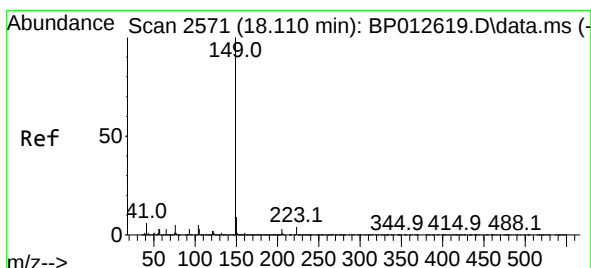
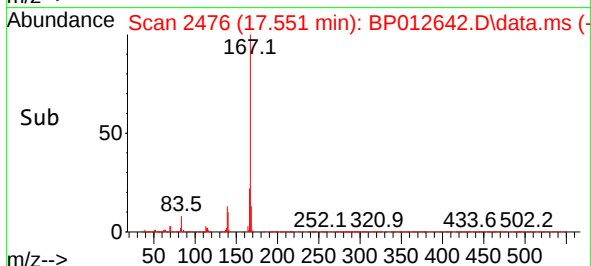
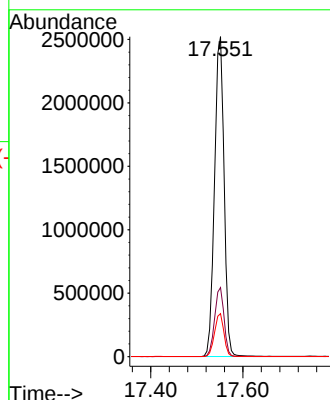
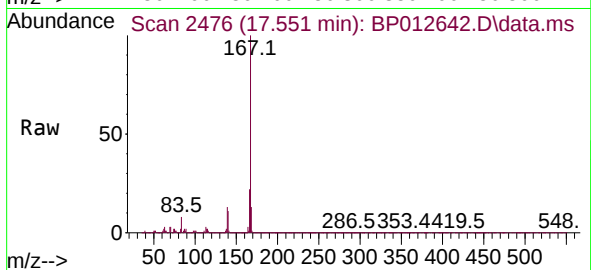
139 13.4 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#74

Di-n-butylphthalate

Concen: 44.523 ng

RT: 18.098 min Scan# 2569

Delta R.T. -0.012 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

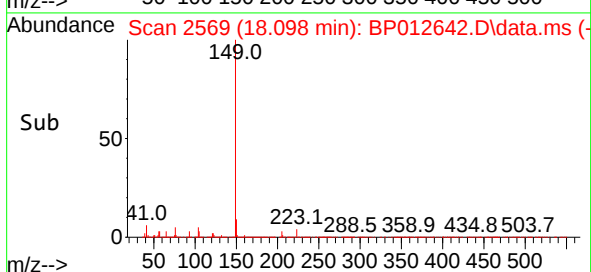
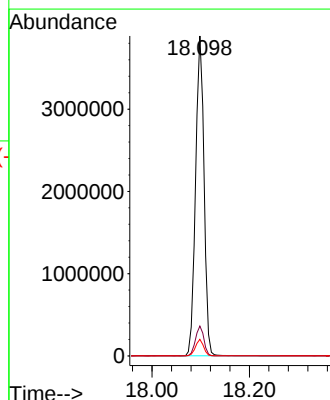
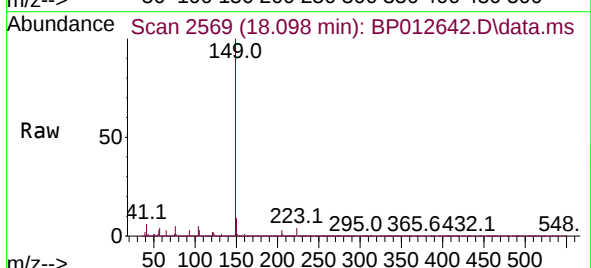
Tgt Ion:149 Resp: 4659758

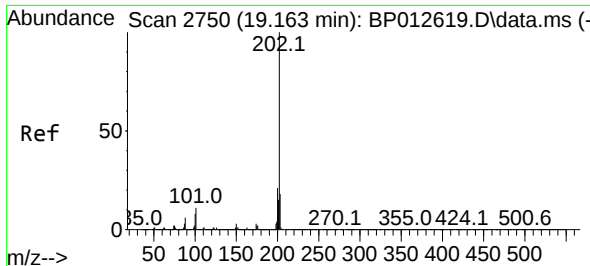
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

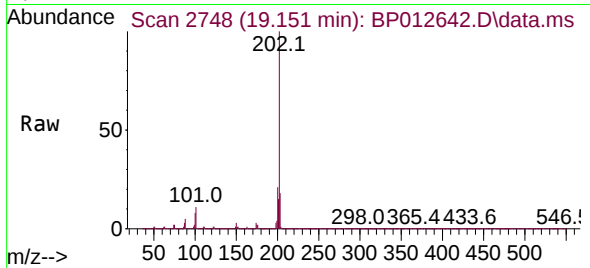
104 5.2 4.1 6.1





#75
Fluoranthene
Concen: 40.963 ng
RT: 19.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

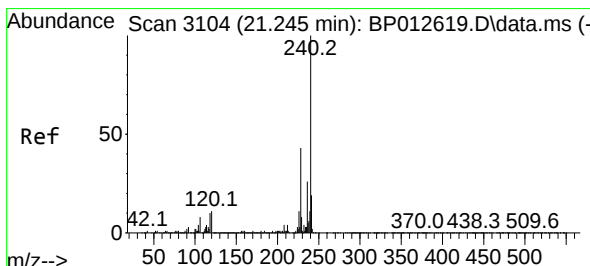
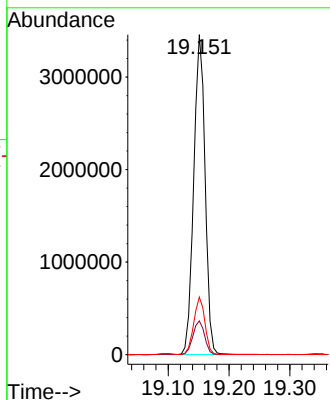
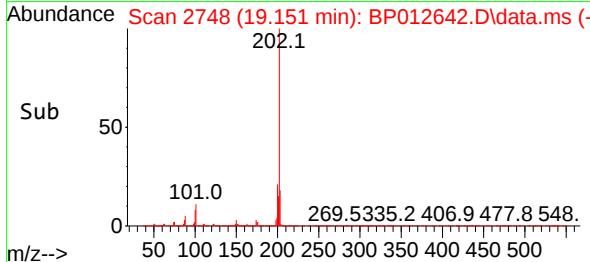
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



Tgt Ion:202 Resp: 4478064
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 18.0 0.0 38.1

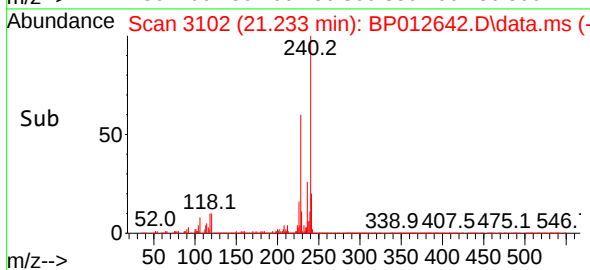
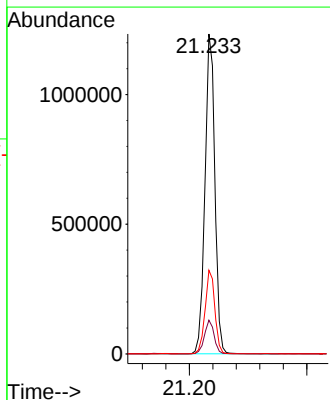
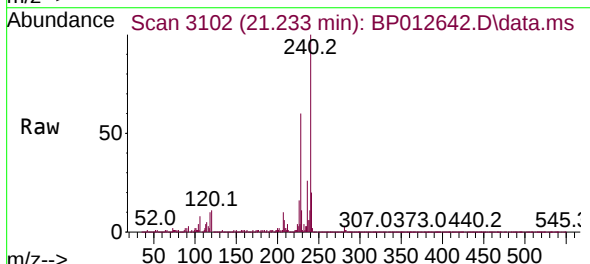
Manual Integrations
APPROVED

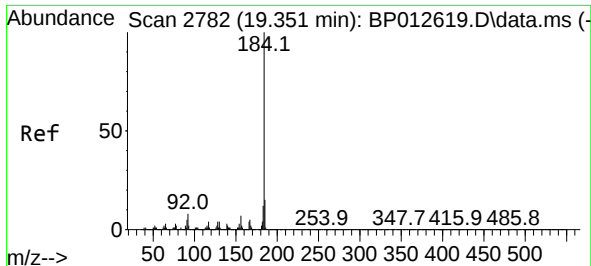
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.233 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

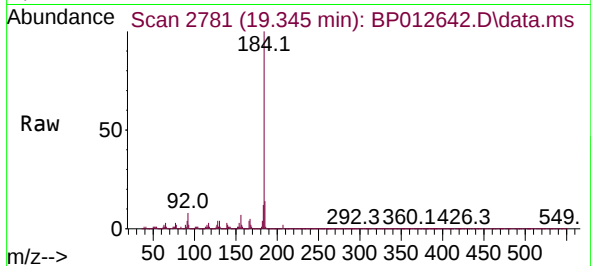
Tgt Ion:240 Resp: 1444227
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 26.1 20.8 31.2





#77
Benzidine
Concen: 60.409 ng
RT: 19.345 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

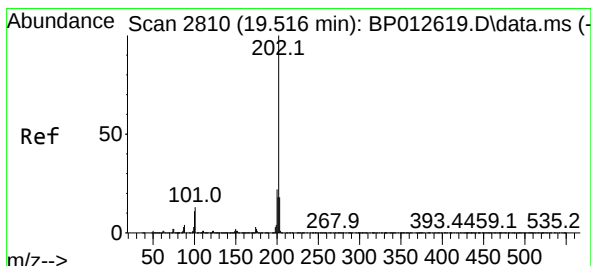
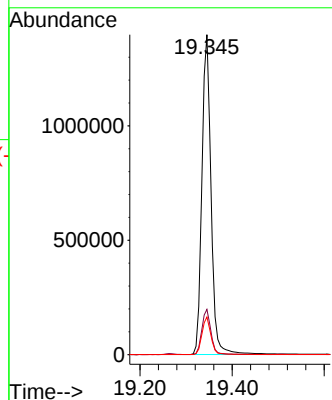
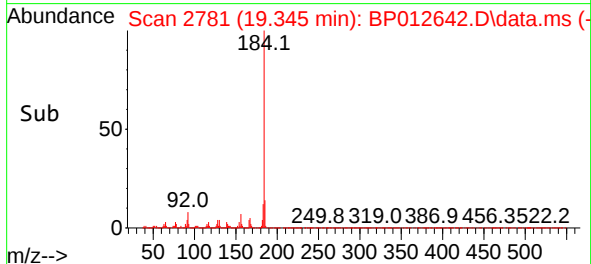
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



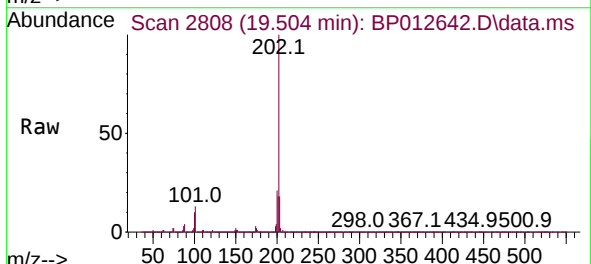
Tgt Ion:184 Resp: 1924790
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.8 9.3 13.9

Manual Integrations
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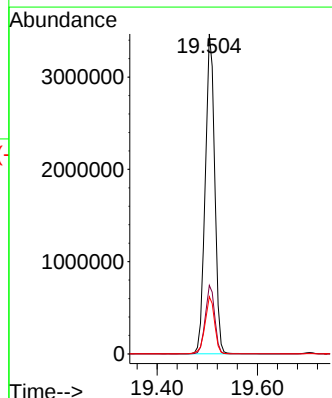
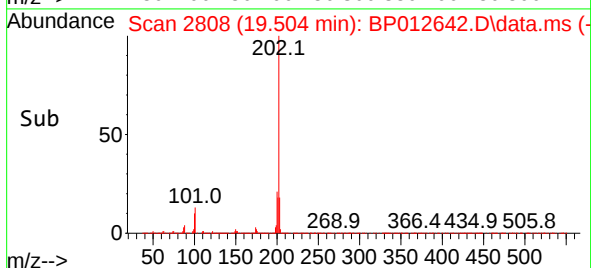
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

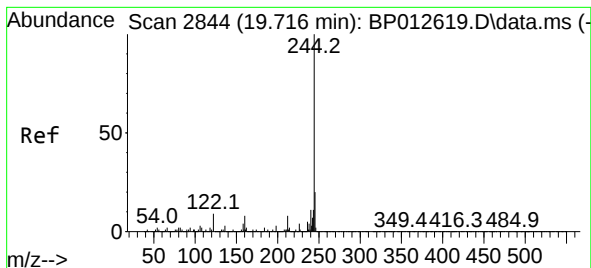


#78
Pyrene
Concen: 45.737 ng
RT: 19.504 min Scan# 2808
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14



Tgt Ion:202 Resp: 4556920
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.0
203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 67.946 ng

RT: 19.704 min Scan# 2844

Delta R.T. -0.012 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

Instrument :

BNA_P

ClientSampleId :

SB-33MSD

Tgt Ion:244 Resp: 4843726

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

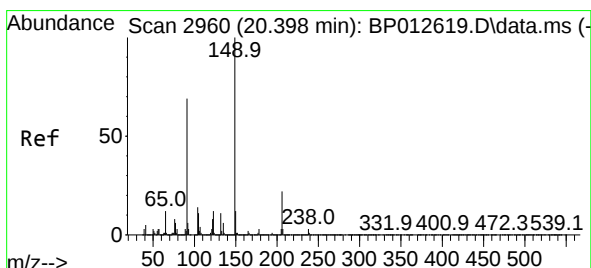
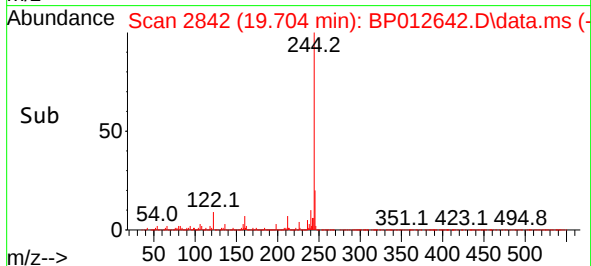
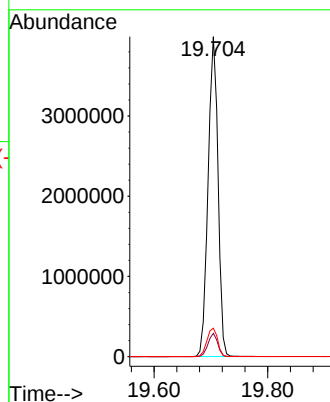
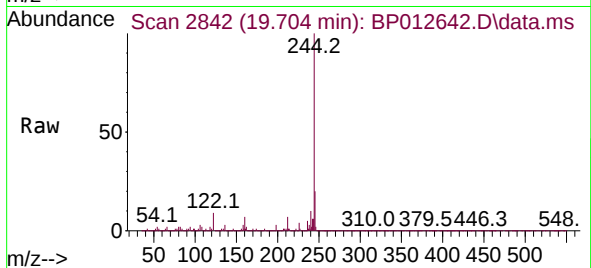
122 8.9 7.0 10.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#80

Butylbenzylphthalate

Concen: 47.426 ng

RT: 20.386 min Scan# 2958

Delta R.T. -0.012 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

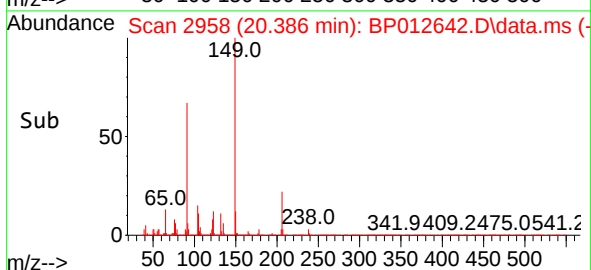
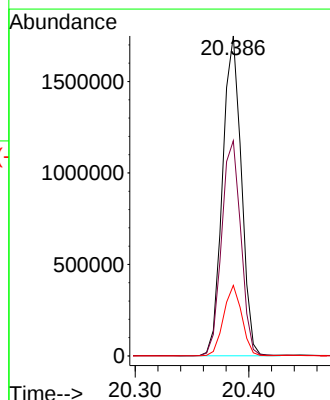
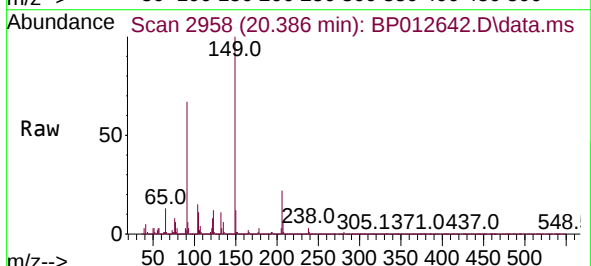
Tgt Ion:149 Resp: 2001281

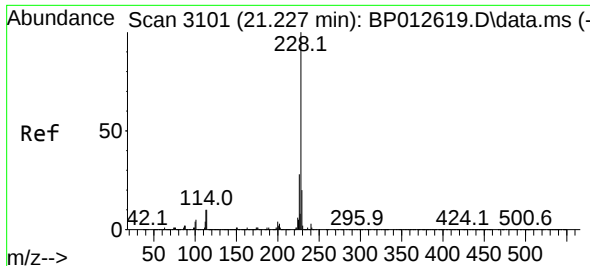
Ion Ratio Lower Upper

149 100

91 67.2 55.0 82.4

206 22.0 17.4 26.2





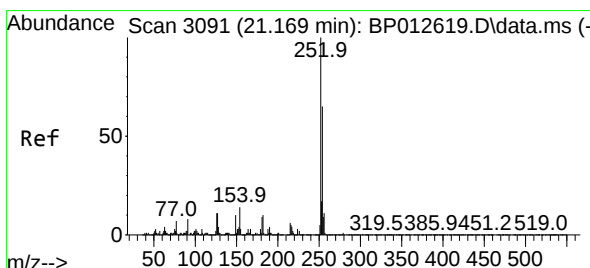
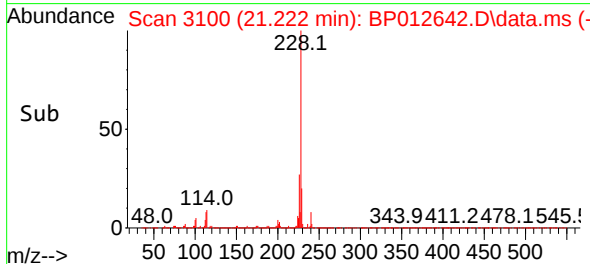
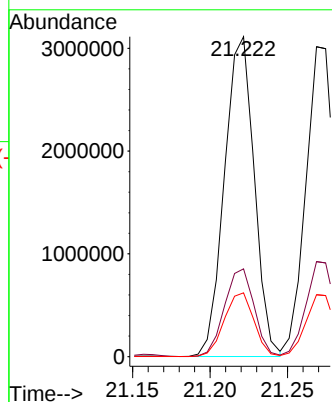
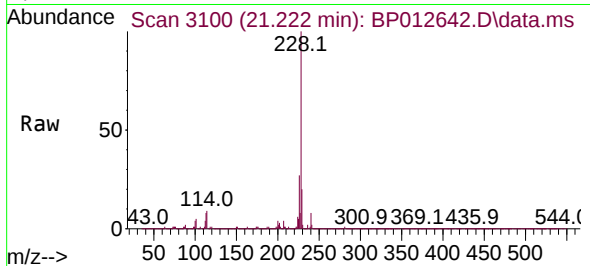
#81
Benzo(a)anthracene
Concen: 43.274 ng
RT: 21.222 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Instrument :
BNA_P
ClientSampleId :
SB-33MSD

Tgt Ion:228 Resp: 4179012
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.9 16.2 24.2

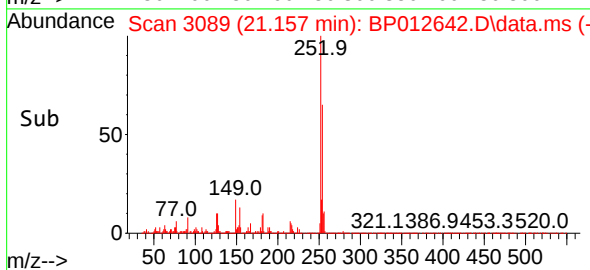
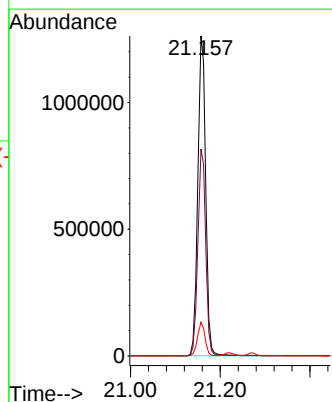
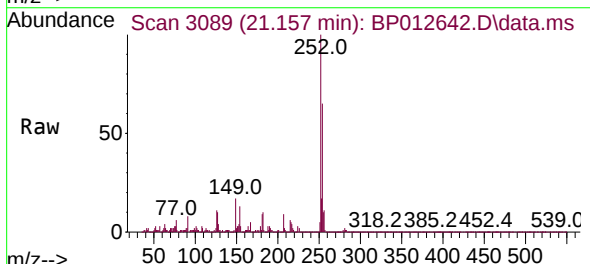
Manual Integrations
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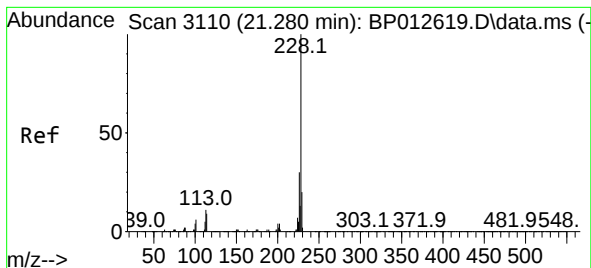
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#82
3,3'-Dichlorobenzidine
Concen: 46.559 ng
RT: 21.157 min Scan# 3089
Delta R.T. -0.012 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Tgt Ion:252 Resp: 1535403
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 10.5 8.7 13.1





#83

Chrysene

Concen: 42.505 ng

RT: 21.269 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

Instrument :

BNA_P

ClientSampleId :

SB-33MSD

Tgt Ion:228 Resp: 3912430

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

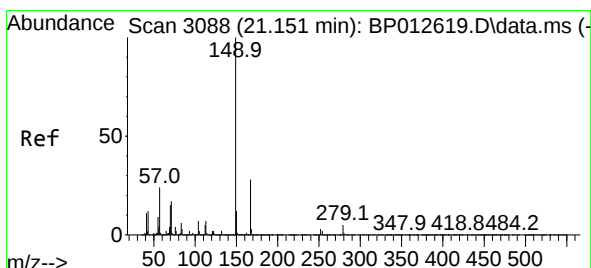
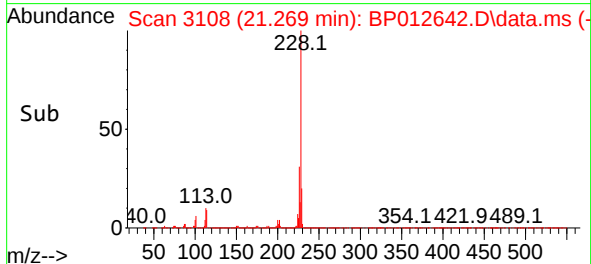
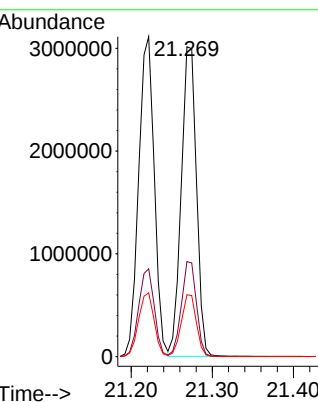
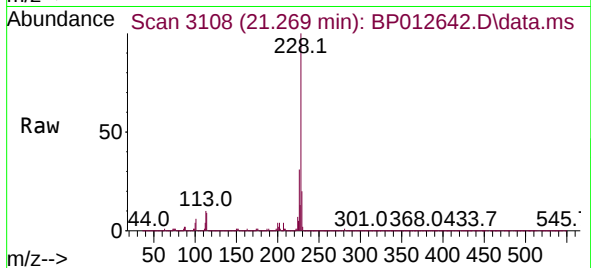
229 19.9 16.2 24.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.455 ng

RT: 21.139 min Scan# 3086

Delta R.T. -0.012 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

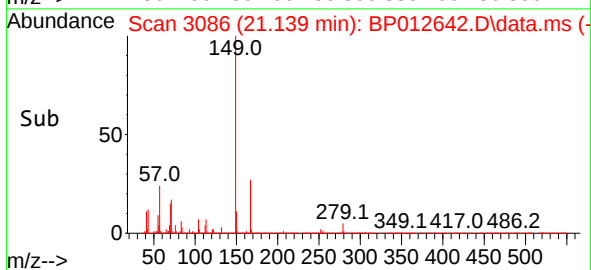
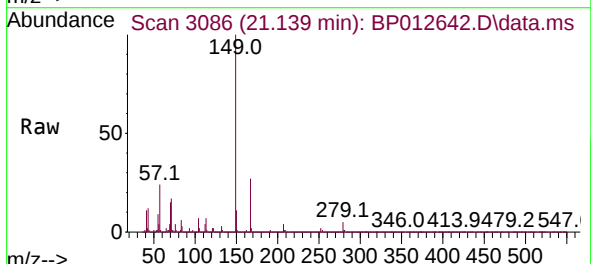
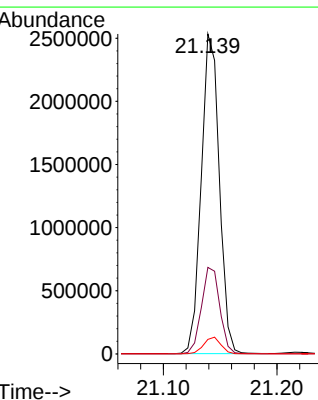
Tgt Ion:149 Resp: 2796469

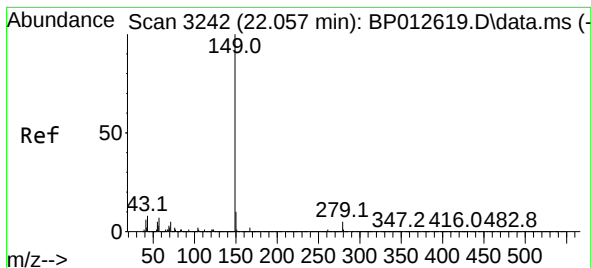
Ion Ratio Lower Upper

149 100

167 27.0 22.1 33.1

279 4.5 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 47.339 ng

RT: 22.045 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

Instrument :

BNA_P

ClientSampleId :

SB-33MSD

Tgt Ion:149 Resp: 4608752

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

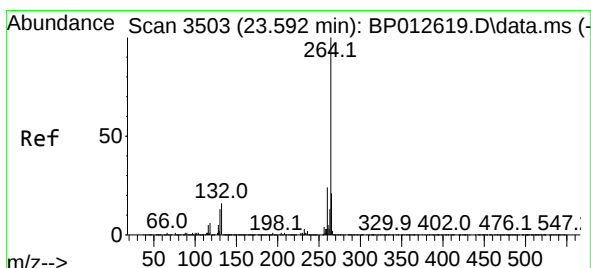
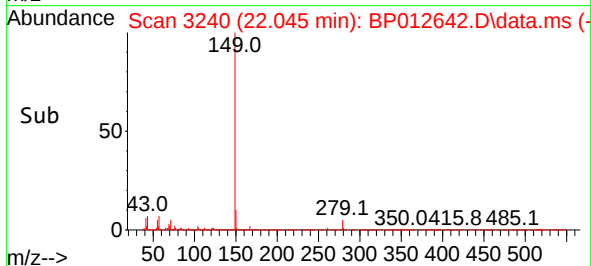
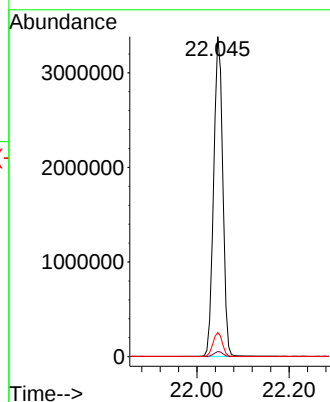
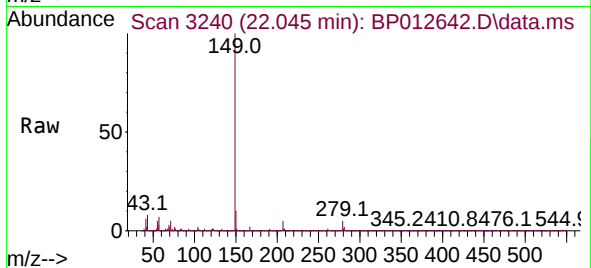
43 7.7 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.574 min Scan# 3500

Delta R.T. -0.017 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

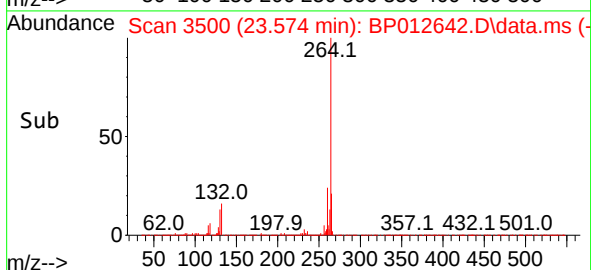
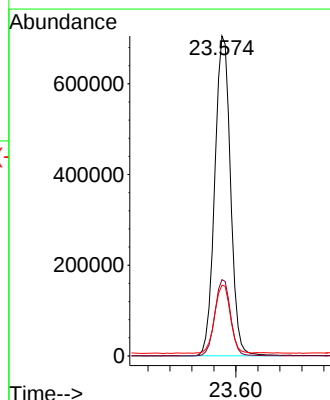
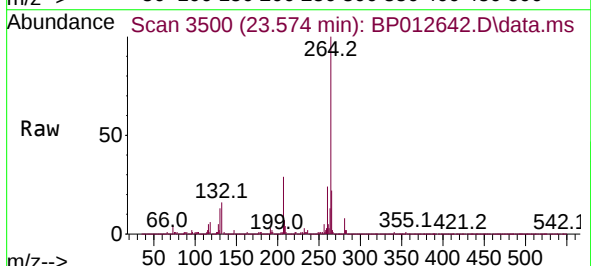
Tgt Ion:264 Resp: 1401363

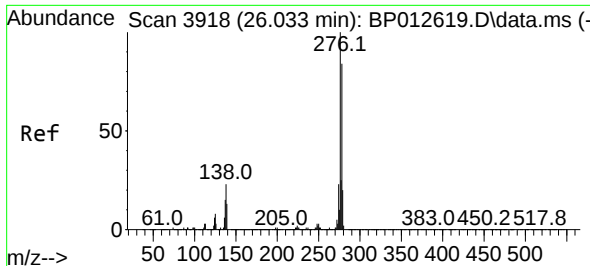
Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

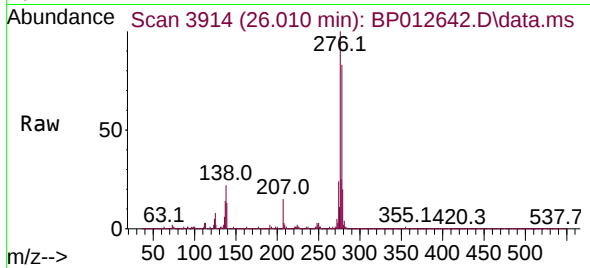
265 22.1 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.522 ng
RT: 26.010 min Scan# 3918
Delta R.T. -0.023 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

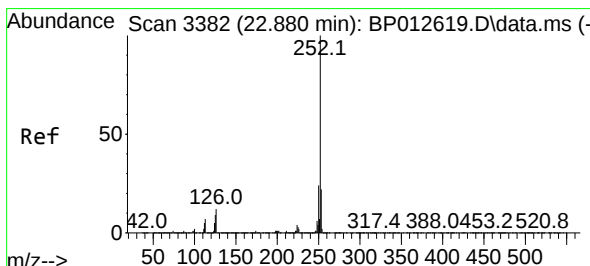
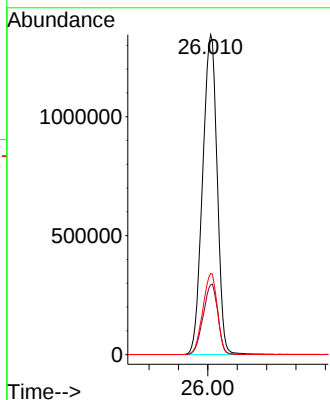
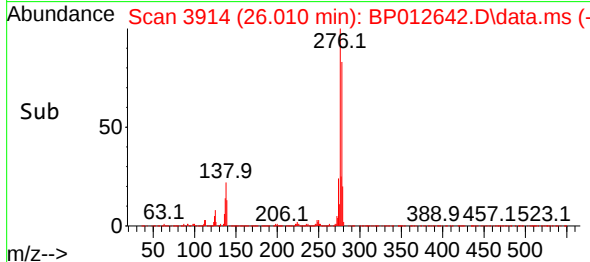
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



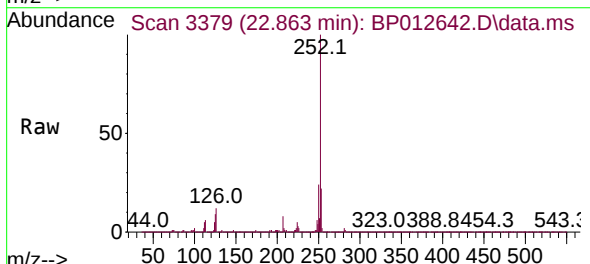
Tgt Ion: 276 Resp: 4619964
Ion Ratio Lower Upper
276 100
138 22.2 18.6 27.8
277 25.4 20.2 30.4

Manual Integrations
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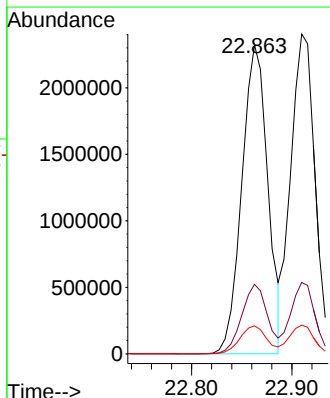
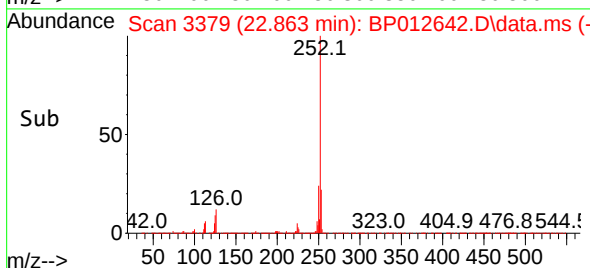
Reviewed By : Christian Giraldo 11/14/2022
Supervised By : Jagrut Upadhyay 11/14/2022

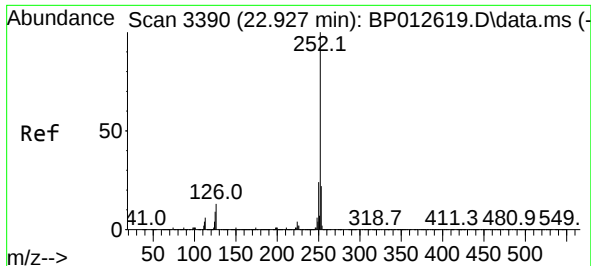


#88
Benzo(b)fluoranthene
Concen: 46.375 ng
RT: 22.863 min Scan# 3379
Delta R.T. -0.017 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14



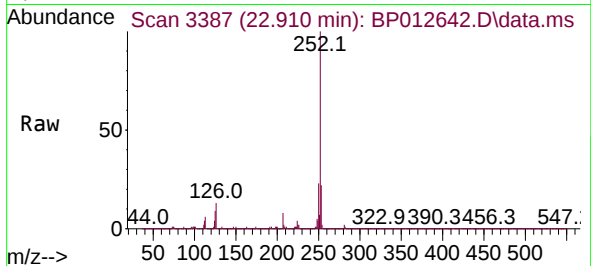
Tgt Ion: 252 Resp: 4180967
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.1 7.6 11.4





#89
Benzo(k)fluoranthene
Concen: 45.868 ng
RT: 22.910 min Scan# 3390
Delta R.T. -0.017 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

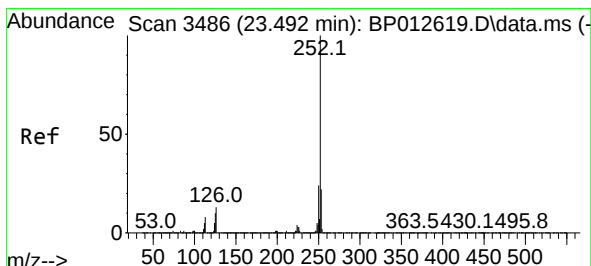
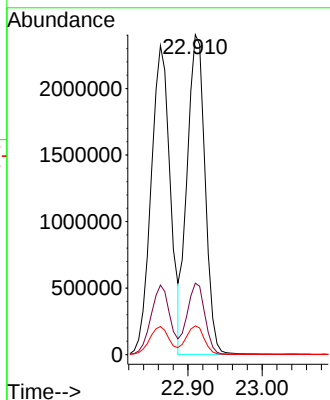
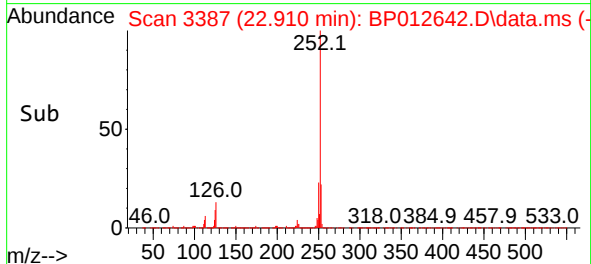
Instrument :
BNA_P
ClientSampleId :
SB-33MSD



Tgt Ion:252 Resp: 4034885
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 9.0 7.7 11.5

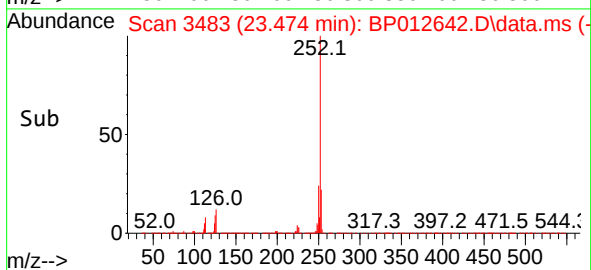
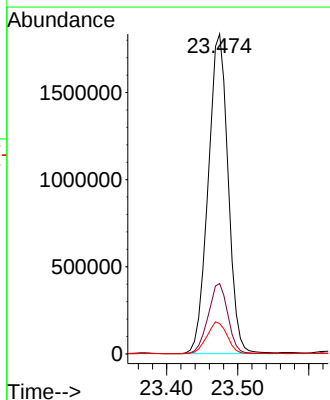
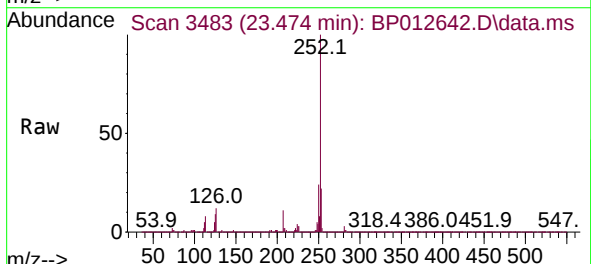
Manual Integrations
APPROVED

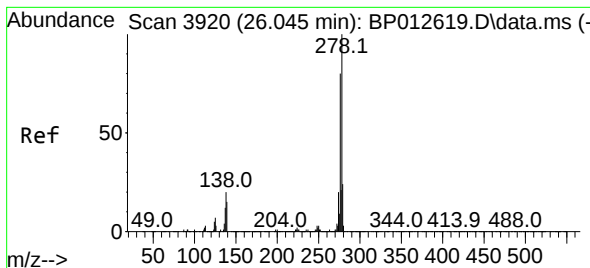
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#90
Benzo(a)pyrene
Concen: 48.593 ng
RT: 23.474 min Scan# 3483
Delta R.T. -0.017 min
Lab File: BP012642.D
Acq: 13 Nov 2022 04:14

Tgt Ion:252 Resp: 3577491
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.5 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 47.331 ng

RT: 26.021 min Scan# 3920

Delta R.T. -0.023 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

Instrument :

BNA_P

ClientSampleId :

SB-33MSD

Tgt Ion:278 Resp: 3928723

Ion Ratio Lower Upper

278 100

139 13.9 11.8 17.8

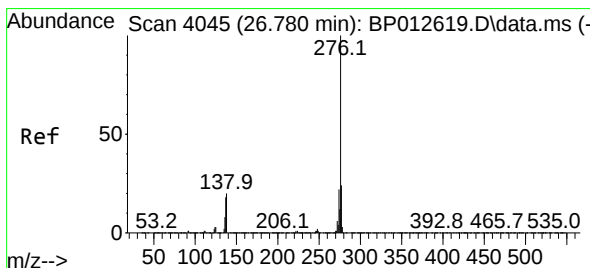
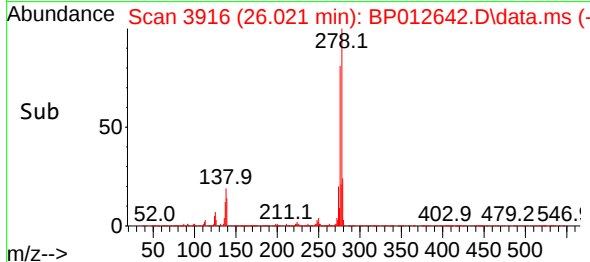
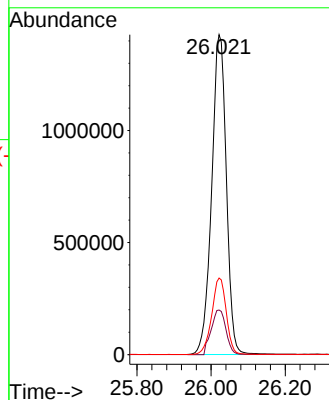
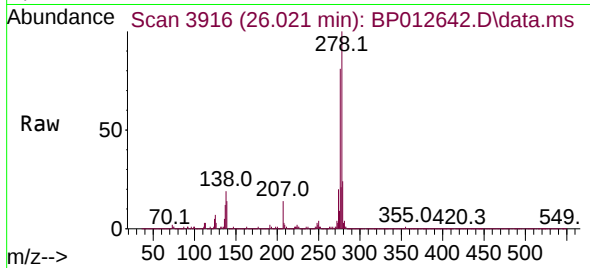
279 23.9 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#92

Benzo(g,h,i)perylene

Concen: 48.991 ng

RT: 26.757 min Scan# 4041

Delta R.T. -0.023 min

Lab File: BP012642.D

Acq: 13 Nov 2022 04:14

Tgt Ion:276 Resp: 3970797

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.2

138 18.7 16.2 24.4

