

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
 Data File : BP008451.D
 Acq On : 16 Dec 2021 14:11
 Operator : CG/JU
 Sample : PB141458BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141458BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/17/2021
 Supervised By : Jagrut Upadhyay 12/20/2021

Quant Time: Dec 16 15:50:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	73303	20.000	ng	-0.01
21) Naphthalene-d8	10.528	136	267943	20.000	ng	-0.01
39) Acenaphthene-d10	14.387	164	165414	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	303452	20.000	ng	# 0.00
76) Chrysene-d12	21.269	240	221375	20.000	ng	0.00
86) Perylene-d12	23.639	264	251158	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	594908	128.167	ng	0.00
7) Phenol-d6	6.934	99	736906	118.207	ng	0.00
23) Nitrobenzene-d5	8.905	82	495697	78.375	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	282621	116.263	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	1017134	78.166	ng	0.00
79) Terphenyl-d14	19.733	244	1180800	92.831	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	73063	41.599	ng	100
3) Pyridine	3.640	79	162443	29.032	ng	98
4) n-Nitrosodimethylamine	3.552	42	107327	48.603	ng	# 98
6) Aniline	7.069	93	221529	30.701	ng	95
8) 2-Chlorophenol	7.311	128	207504	43.862	ng	99
9) Benzaldehyde	6.887	77	25121	2.712	ng	96
10) Phenol	6.964	94	279215	44.106	ng	96
11) bis(2-Chloroethyl)ether	7.169	93	205875	38.981	ng	99
12) 1,3-Dichlorobenzene	7.622	146	228976	41.853	ng	99
13) 1,4-Dichlorobenzene	7.769	146	233334	41.908	ng	97
14) 1,2-Dichlorobenzene	8.081	146	222622	41.242	ng	99
15) Benzyl Alcohol	7.993	79	220080	43.887	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.269	45	308157	41.241	ng	98
17) 2-Methylphenol	8.205	107	178949	42.730	ng	96
18) Hexachloroethane	8.805	117	87814	42.515	ng	90
19) n-Nitroso-di-n-propyla...	8.552	70	171955	37.188	ng	99
20) 3+4-Methylphenols	8.540	107	239653	41.548	ng	96
22) Acetophenone	8.569	105	315820	40.080	ng	# 98
24) Nitrobenzene	8.946	77	254612	42.892	ng	98
25) Isophorone	9.475	82	433951	41.003	ng	98
26) 2-Nitrophenol	9.658	139	113418	43.234	ng	97
27) 2,4-Dimethylphenol	9.728	122	185527	49.316	ng	98
28) bis(2-Chloroethoxy)met...	9.952	93	261101	39.911	ng	99
29) 2,4-Dichlorophenol	10.210	162	200193	43.303	ng	98
30) 1,2,4-Trichlorobenzene	10.399	180	226357	41.303	ng	96
31) Naphthalene	10.581	128	582902	41.485	ng	99
32) Benzoic acid	9.952	122	119758	43.425	ng	99
33) 4-Chloroaniline	10.716	127	81181	14.422	ng	98
34) Hexachlorobutadiene	10.863	225	163633	40.846	ng	97
35) Caprolactam	11.534	113	55697m	63.622	ng	
36) 4-Chloro-3-methylphenol	11.863	107	216424	41.896	ng	96
37) 2-Methylnaphthalene	12.199	142	419804	43.349	ng	98
38) 1-Methylnaphthalene	12.422	142	388114	41.165	ng	99
40) 1,2,4,5-Tetrachloroben...	12.575	216	264170	41.801	ng	99
41) Hexachlorocyclopentadiene	12.546	237	162033	91.279	ng	99
43) 2,4,6-Trichlorophenol	12.834	196	163267	41.121	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	171891	41.510	ng	98
46) 1,1'-Biphenyl	13.216	154	524769	41.062	ng	98
47) 2-Chloronaphthalene	13.263	162	421790	41.379	ng	99
48) 2-Nitroaniline	13.487	65	142474	41.557	ng	94
49) Acenaphthylene	14.110	152	633283	42.262	ng	99
50) Dimethylphthalate	13.857	163	513451	40.997	ng	99
51) 2,6-Dinitrotoluene	13.981	165	114765	43.896	ng	99
52) Acenaphthene	14.457	154	374526	42.021	ng	99
53) 3-Nitroaniline	14.322	138	60009	24.363	ng	99
54) 2,4-Dinitrophenol	14.551	184	122218	89.550	ng	93
55) Dibenzofuran	14.793	168	603771	39.818	ng	98
56) 4-Nitrophenol	14.675	139	123532	86.398	ng	89
57) 2,4-Dinitrotoluene	14.787	165	150271	43.021	ng #	85
58) Fluorene	15.445	166	479297	40.774	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.034	232	144776	40.931	ng	92
60) Diethylphthalate	15.228	149	484906	40.797	ng	99
61) 4-Chlorophenyl-phenyle...	15.440	204	265755	39.567	ng	98
62) 4-Nitroaniline	15.493	138	82632	37.258	ng	94
63) Azobenzene	15.734	77	489613	40.633	ng	97
65) 4,6-Dinitro-2-methylph...	15.563	198	81917	41.317	ng	96
66) n-Nitrosodiphenylamine	15.663	169	410247	42.939	ng	100
67) 4-Bromophenyl-phenylether	16.340	248	168196	42.555	ng	98
68) Hexachlorobenzene	16.463	284	187315	43.034	ng	96
69) Atrazine	16.628	200	148274	70.447	ng	98
70) Pentachlorophenol	16.822	266	184020	94.598	ng	99
71) Phenanthrene	17.198	178	696563	42.376	ng	99
72) Anthracene	17.292	178	712036	43.905	ng	99
73) Carbazole	17.575	167	574989	38.744	ng	99
74) Di-n-butylphthalate	18.122	149	700734	41.155	ng	99
75) Fluoranthene	19.181	202	749702	40.397	ng	97
77) Benzidine	19.375	184	192569	85.757	ng	98
78) Pyrene	19.533	202	737557	46.567	ng	100
80) Butylbenzylphthalate	20.410	149	254301	44.099	ng	100
81) Benzo(a)anthracene	21.251	228	620935	41.853	ng	100
82) 3,3'-Dichlorobenzidine	21.186	252	177628	26.022	ng	98
83) Chrysene	21.304	228	618856	43.669	ng	99
84) Bis(2-ethylhexyl)phtha...	21.175	149	346324	42.655	ng	99
85) Di-n-octyl phthalate	22.086	149	572039	40.850	ng	100
87) Indeno(1,2,3-cd)pyrene	26.116	276	1055662	53.397	ng	96
88) Benzo(b)fluoranthene	22.916	252	674112	44.619	ng	99
89) Benzo(k)fluoranthene	22.963	252	658443m	43.217	ng	
90) Benzo(a)pyrene	23.533	252	688773	52.525	ng	99
91) Dibenzo(a,h)anthracene	26.121	278	899734	54.365	ng	98
92) Benzo(g,h,i)perylene	26.868	276	923758	56.366	ng	95

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

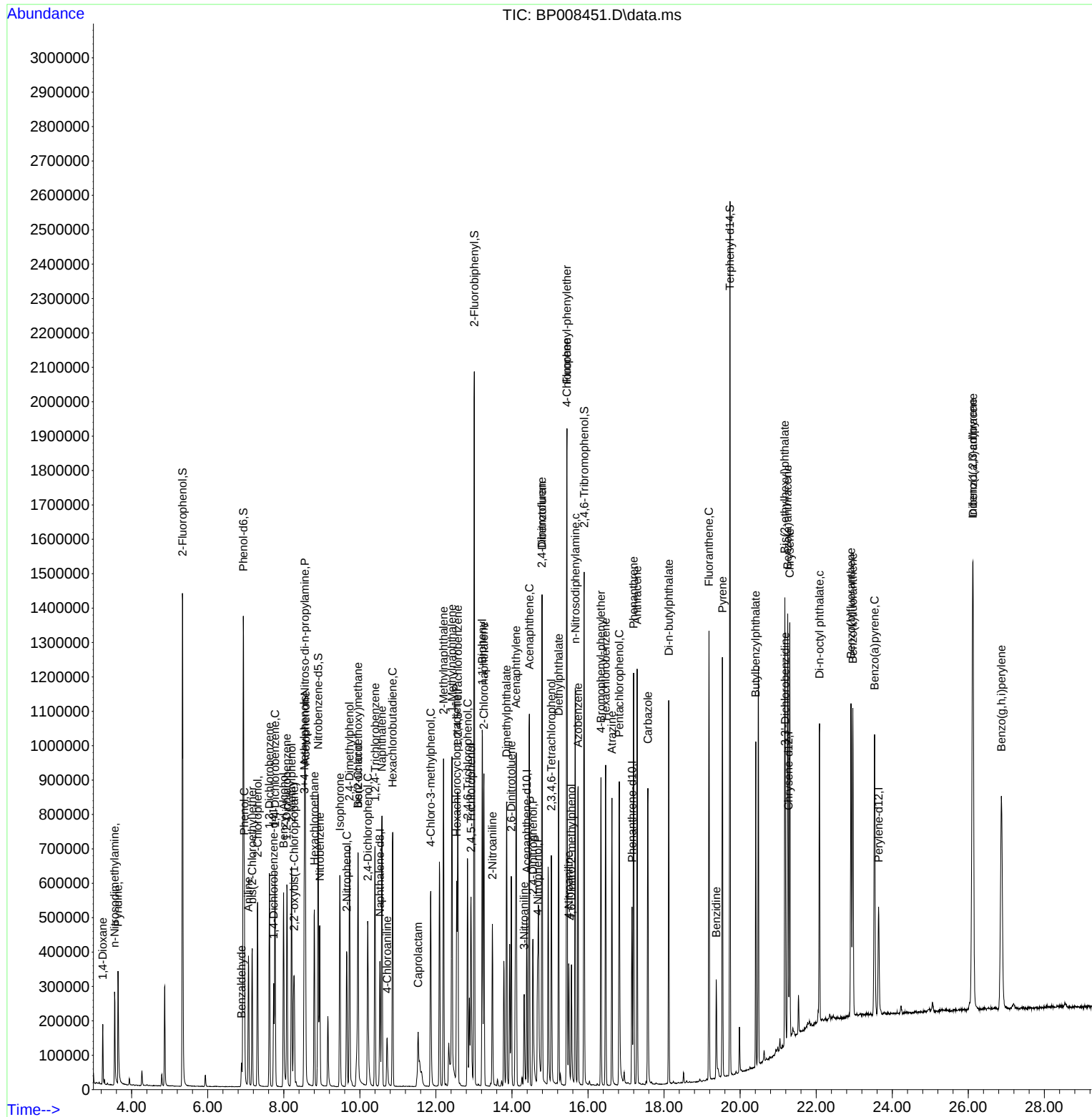
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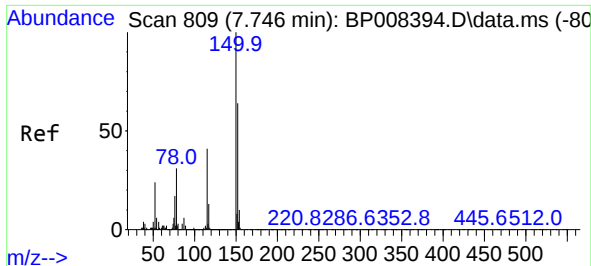
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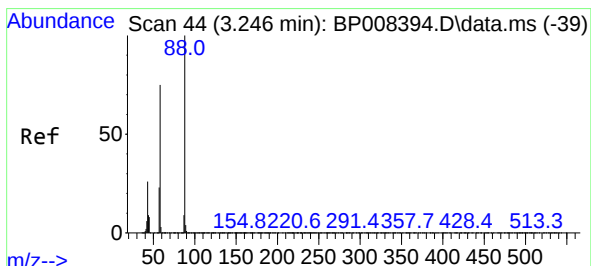
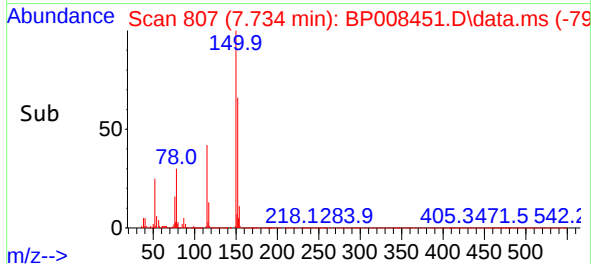
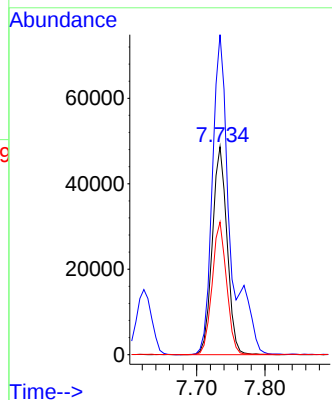
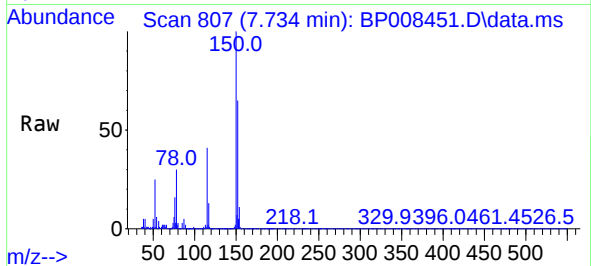
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :
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ClientSampleId :
PB141458BS

Tgt Ion:152 Resp: 7330
Ion Ratio Lower Upper
152 100
150 153.8 125.7 188.5
115 63.7 50.7 76.1

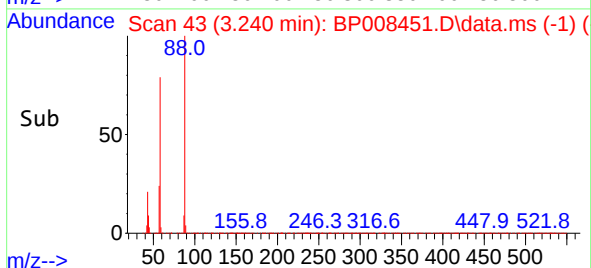
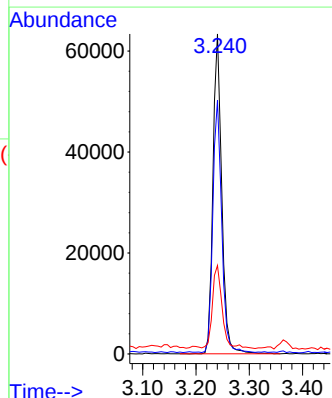
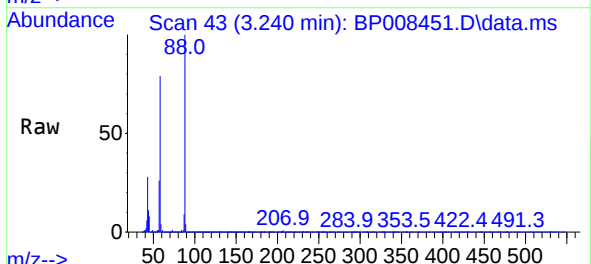
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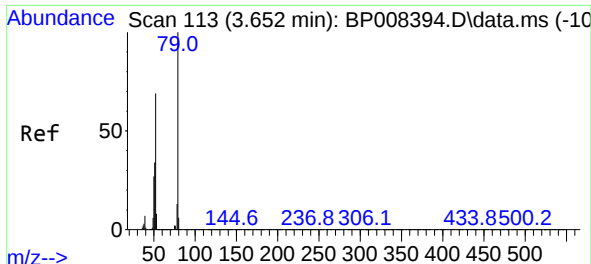
Reviewed By :Christian Giraldo 12/17/2021
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#2
1,4-Dioxane
Concen: 41.599 ng
RT: 3.240 min Scan# 43
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion: 88 Resp: 73063
Ion Ratio Lower Upper
88 100
58 79.4 63.5 95.3
43 28.8 23.4 35.2





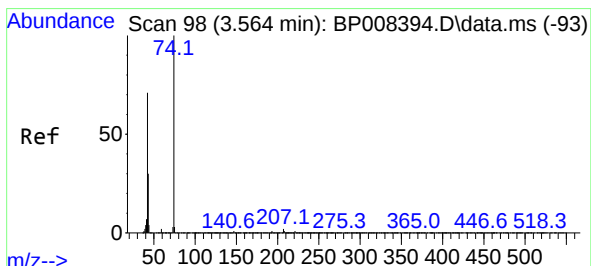
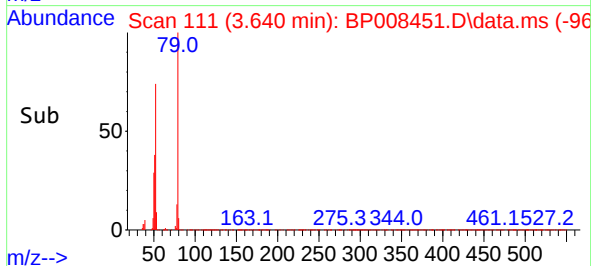
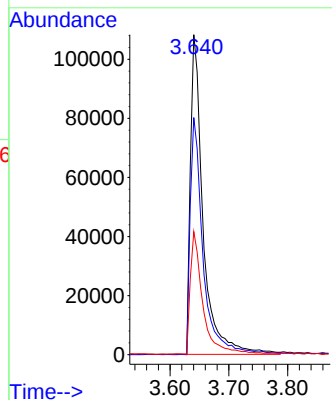
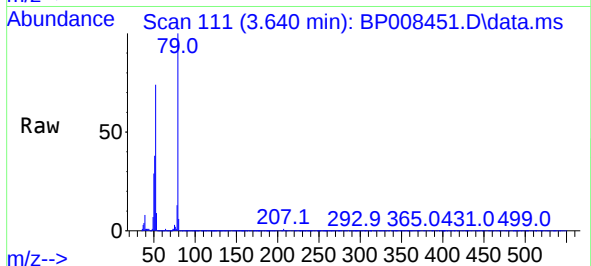
#3
Pyridine
Concen: 29.032 ng
RT: 3.640 min Scan# 113
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :
BNA_P
ClientSampleId :
PB141458BS

Tgt Ion: 79 Resp: 16244
Ion Ratio Lower Upper
79 100
52 74.1 60.0 90.0
51 38.5 29.6 44.4

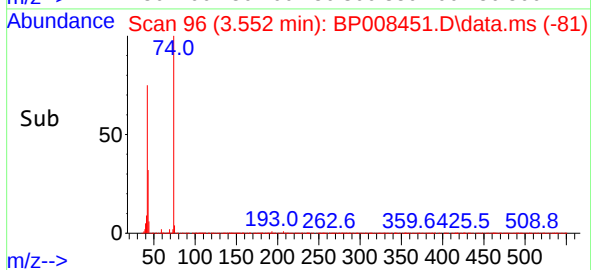
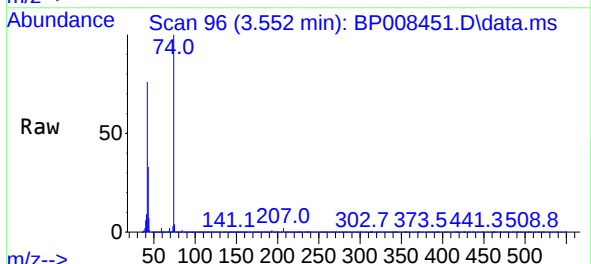
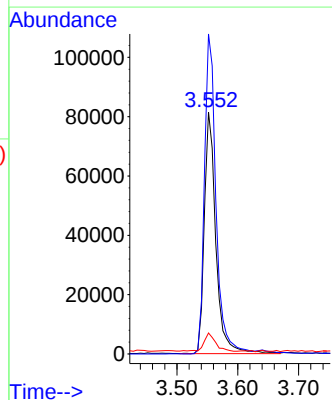
Manual Integrations
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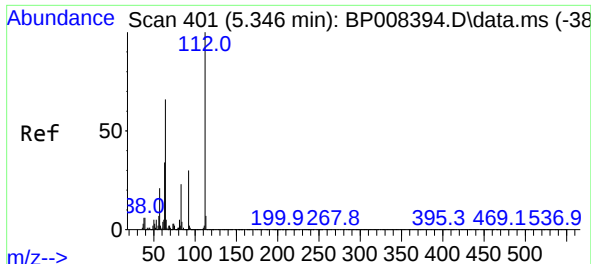
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#4
n-Nitrosodimethylamine
Concen: 48.603 ng
RT: 3.552 min Scan# 96
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion: 42 Resp: 107327
Ion Ratio Lower Upper
42 100
74 132.3 108.0 162.0
44 8.7 5.8 8.6





#5
2-Fluorophenol
Concen: 128.167 ng
RT: 5.340 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :

BNA_P

ClientSampleId :

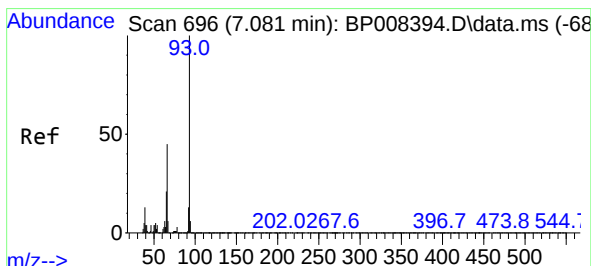
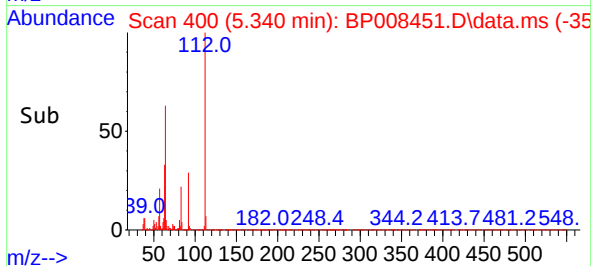
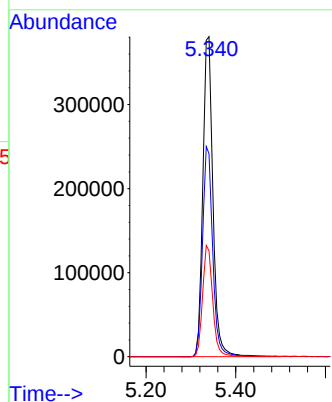
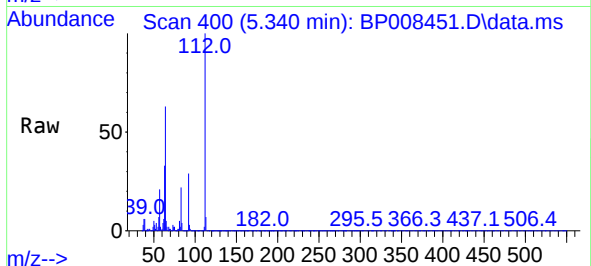
PB141458BS

Tgt Ion:112 Resp: 594908
Ion Ratio Lower Upper
112 100
64 63.4 53.4 80.2
63 33.1 27.8 41.8

Manual Integrations

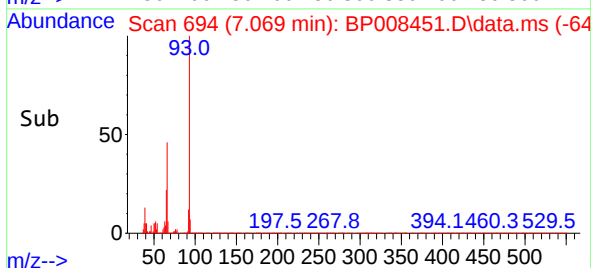
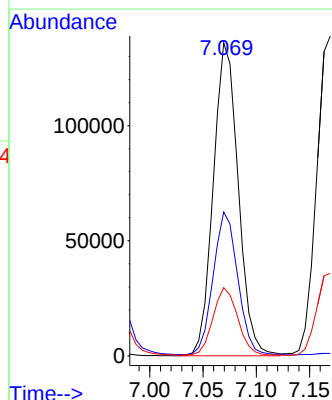
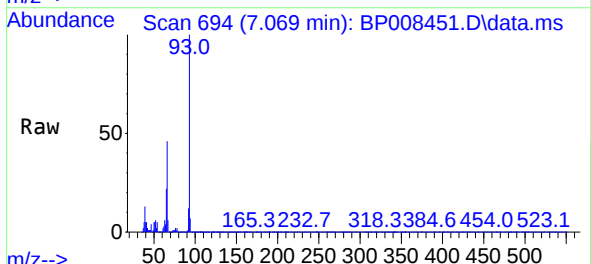
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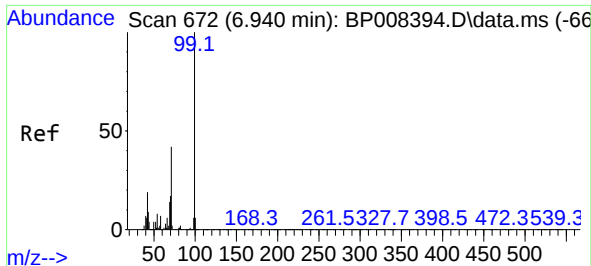
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#6
Aniline
Concen: 30.701 ng
RT: 7.069 min Scan# 694
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion: 93 Resp: 221529
Ion Ratio Lower Upper
93 100
66 46.0 32.9 49.3
65 21.8 17.5 26.3





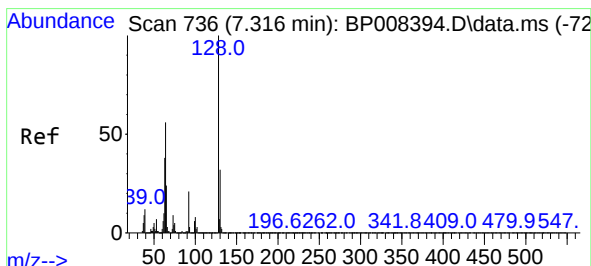
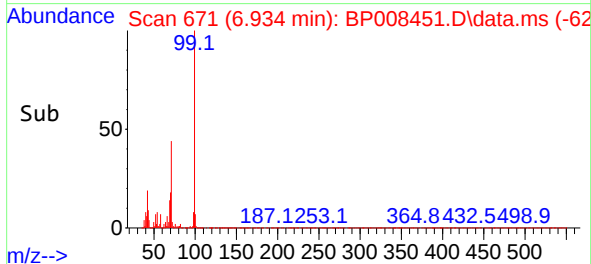
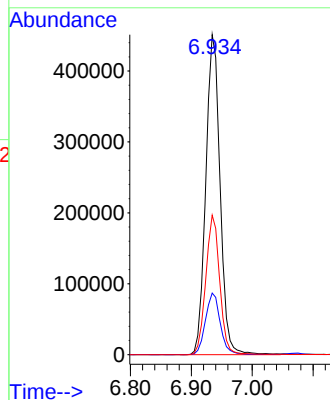
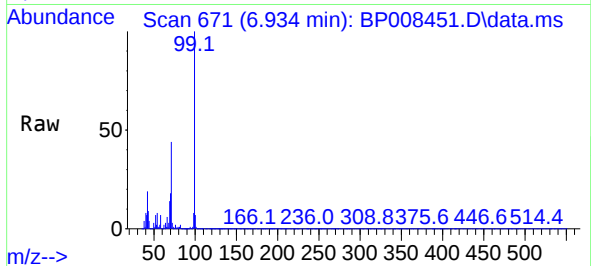
#7
Phenol-d6
Concen: 118.207 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

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Tgt Ion: 99 Resp: 736900
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 43.6 31.1 46.7

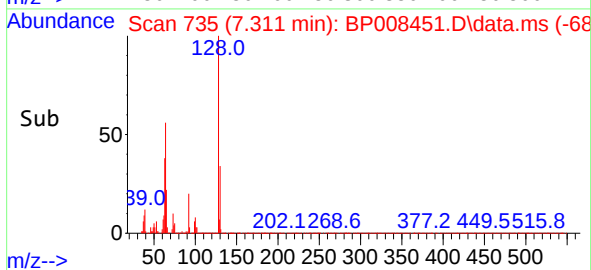
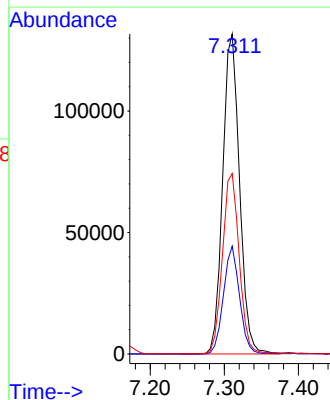
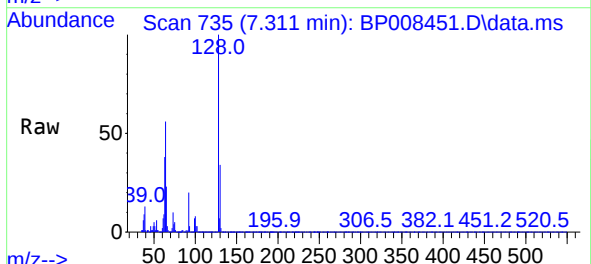
Manual Integrations
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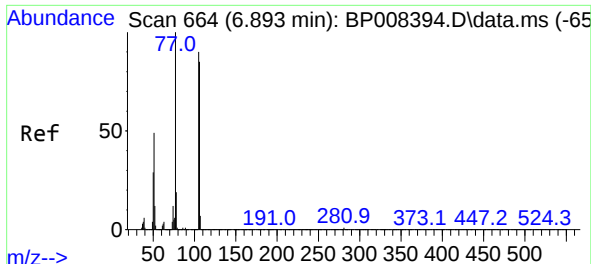
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#8
2-Chlorophenol
Concen: 43.862 ng
RT: 7.311 min Scan# 735
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion:128 Resp: 207504
Ion Ratio Lower Upper
128 100
130 33.7 13.5 53.5
64 56.4 37.4 77.4





#9
Benzaldehyde
Concen: 2.712 ng
RT: 6.887 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008451.D
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Instrument :

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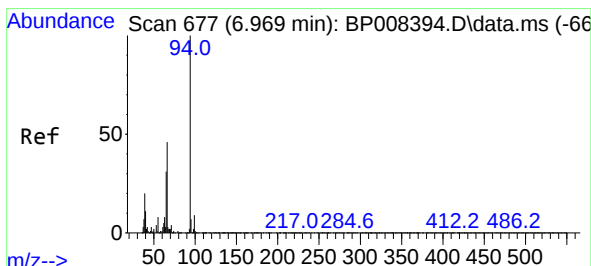
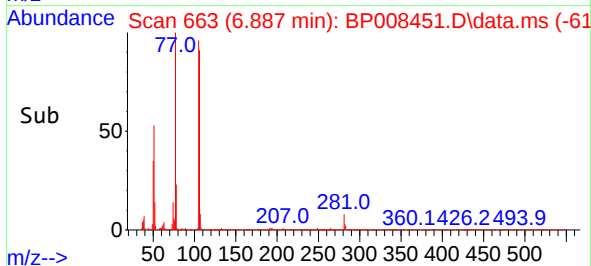
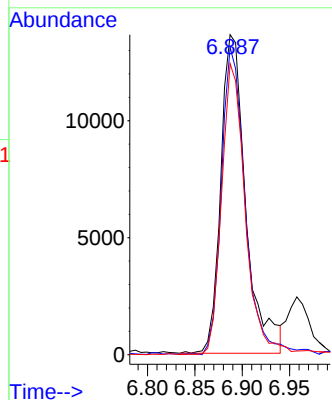
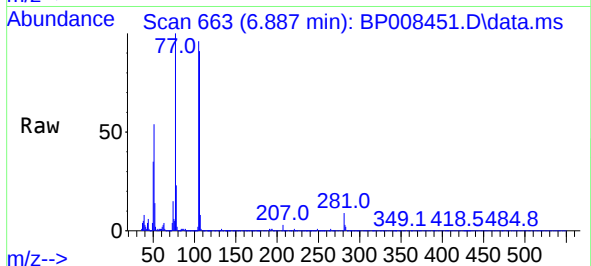
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Tgt Ion: 77 Resp: 2512
Ion Ratio Lower Upper
77 100
105 96.0 71.8 111.8
106 91.0 67.3 107.3

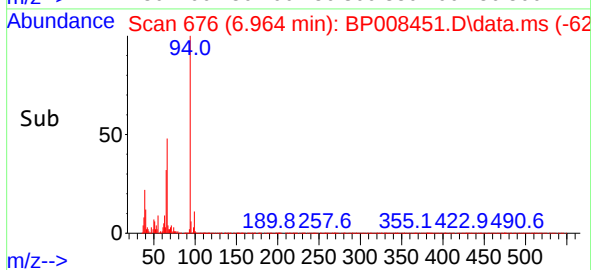
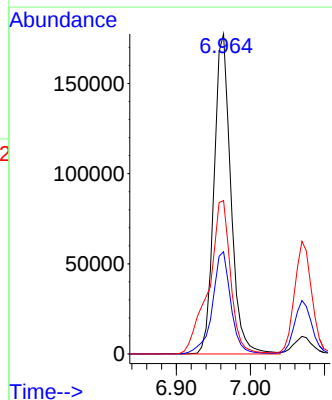
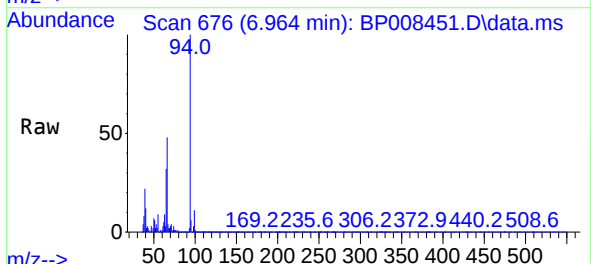
Manual Integrations
APPROVED

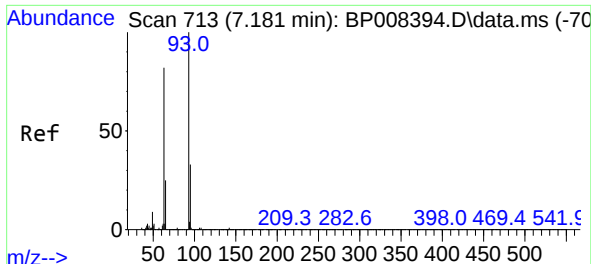
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#10
Phenol
Concen: 44.106 ng
RT: 6.964 min Scan# 676
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion: 94 Resp: 279215
Ion Ratio Lower Upper
94 100
65 31.9 10.9 50.9
66 47.9 24.3 64.3





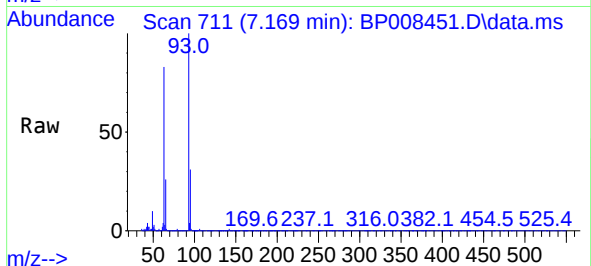
#11
bis(2-Chloroethyl)ether
Concen: 38.981 ng
RT: 7.169 min Scan# 711
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :

BNA_P

ClientSampleId :

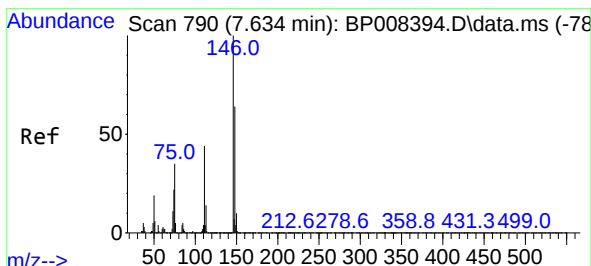
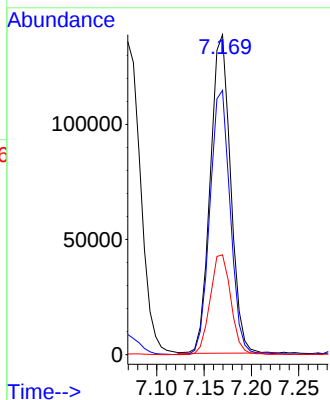
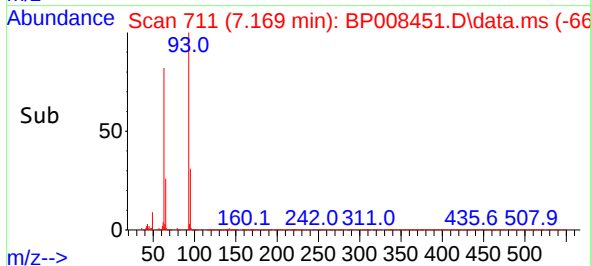
PB141458BS



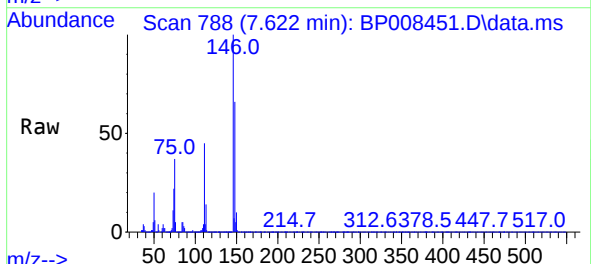
Tgt Ion: 93 Resp: 205879
Ion Ratio Lower Upper
93 100
63 82.6 61.8 101.8
95 31.2 12.5 52.5

Manual Integrations
APPROVED

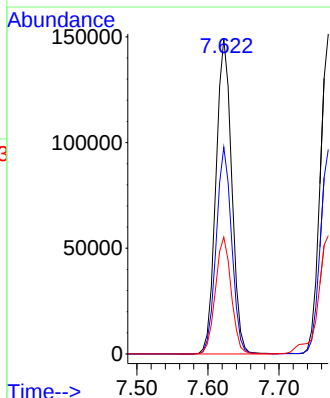
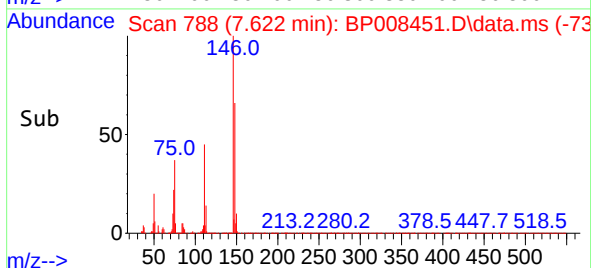
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021

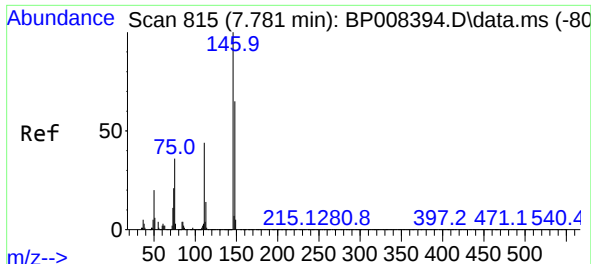


#12
1,3-Dichlorobenzene
Concen: 41.853 ng
RT: 7.622 min Scan# 788
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11



Tgt Ion:146 Resp: 228976
Ion Ratio Lower Upper
146 100
148 65.7 51.9 77.9
75 37.1 29.0 43.6





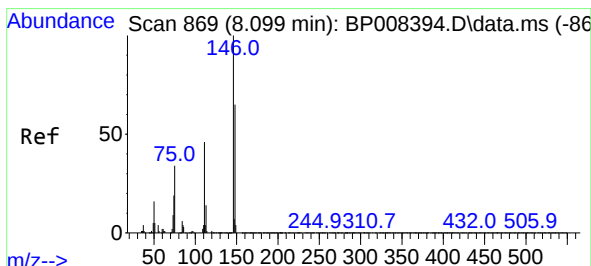
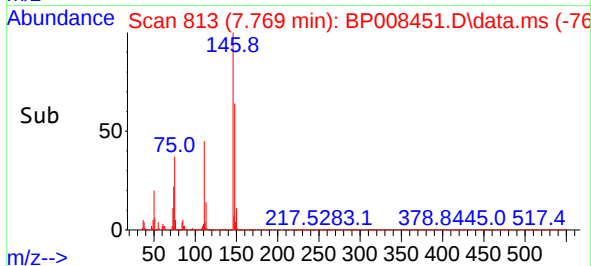
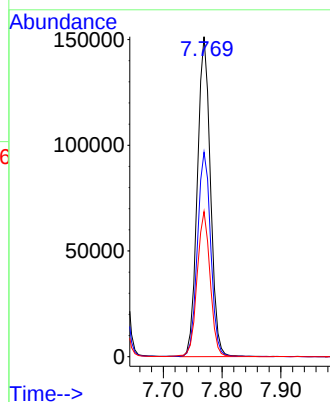
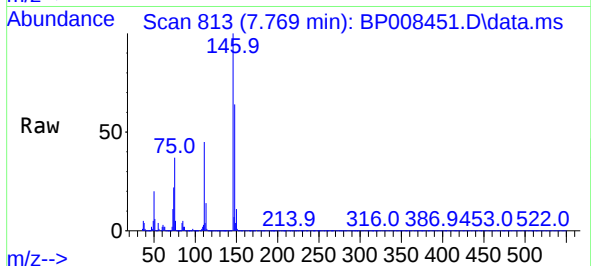
#13
1,4-Dichlorobenzene
Concen: 41.908 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :
BNA_P
ClientSampleId :
PB141458BS

Tgt Ion:146 Resp: 233334
Ion Ratio Lower Upper
146 100
148 63.9 49.6 74.4
111 45.3 34.7 52.1

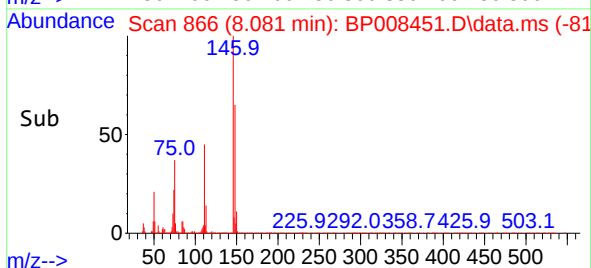
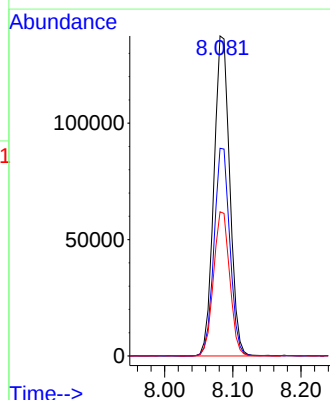
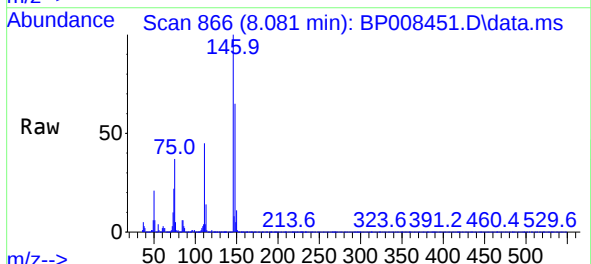
Manual Integrations
APPROVED

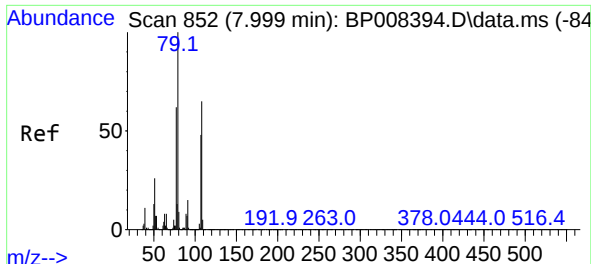
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#14
1,2-Dichlorobenzene
Concen: 41.242 ng
RT: 8.081 min Scan# 866
Delta R.T. -0.018 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion:146 Resp: 222622
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.6
111 45.0 35.0 52.6





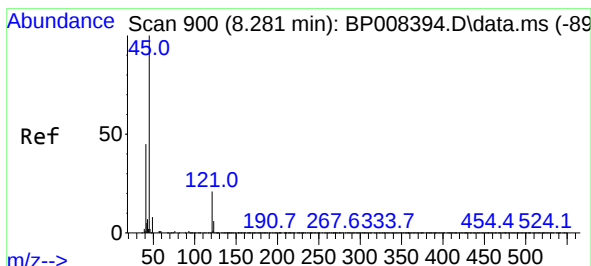
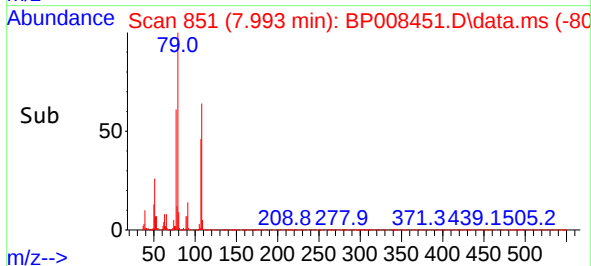
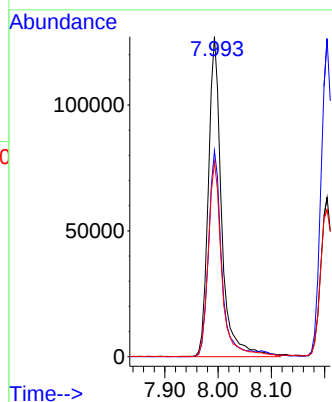
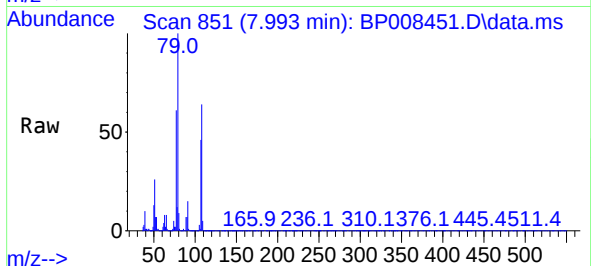
#15
Benzyl Alcohol
Concen: 43.887 ng
RT: 7.993 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :
BNA_P
ClientSampleId :
PB141458BS

Tgt Ion: 79 Resp: 220080
Ion Ratio Lower Upper
79 100
108 64.4 55.5 83.3
77 60.9 51.0 76.6

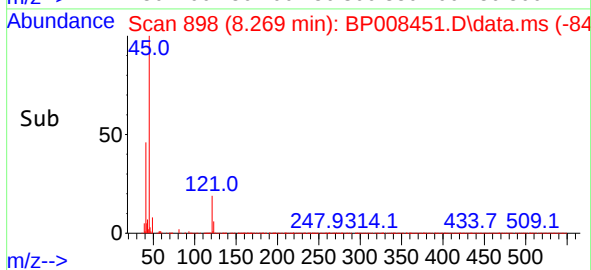
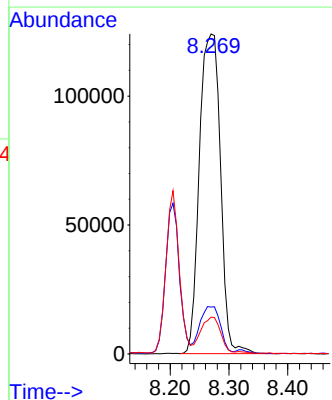
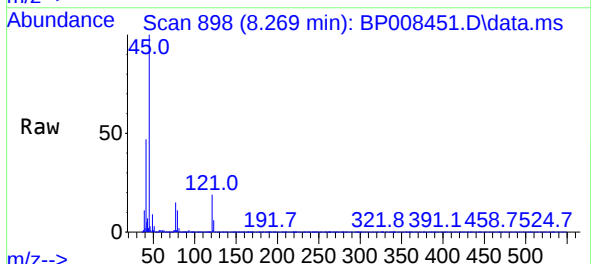
Manual Integrations
APPROVED

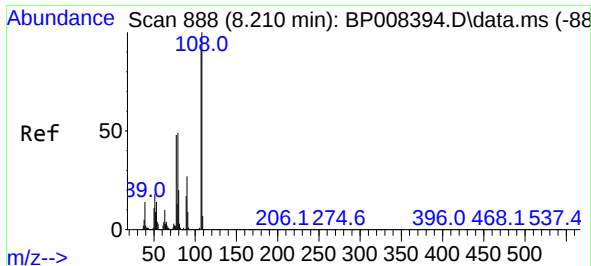
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.241 ng
RT: 8.269 min Scan# 898
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion: 45 Resp: 308157
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.8
79 11.5 0.0 30.4





#17
2-Methylphenol
Concen: 42.730 ng
RT: 8.205 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :

BNA_P

ClientSampleId :

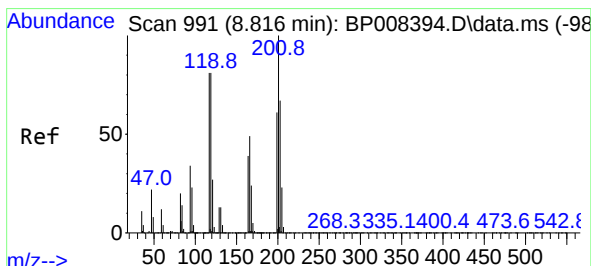
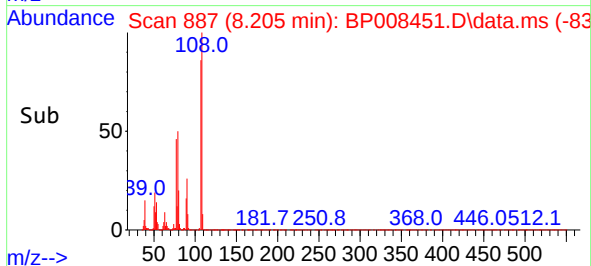
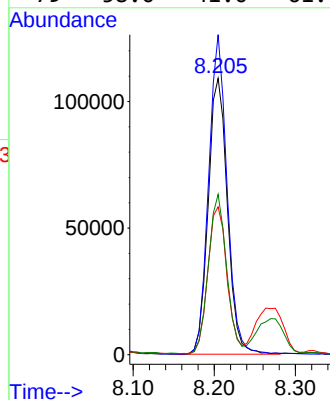
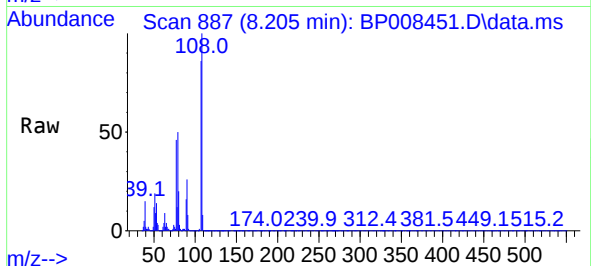
PB141458BS

Tgt Ion:107 Resp: 178949
Ion Ratio Lower Upper
107 100
108 115.8 90.2 135.2
77 53.5 41.3 61.9
79 58.0 41.0 61.6

Manual Integrations

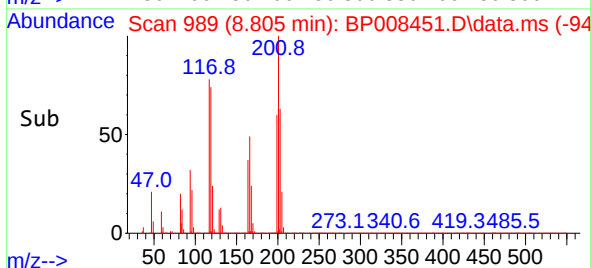
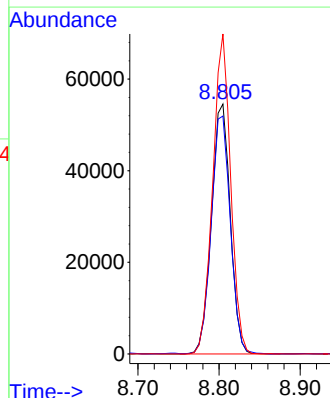
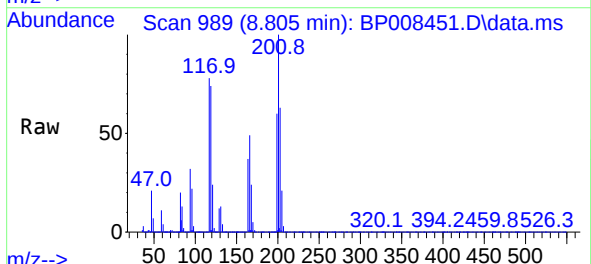
APPROVED

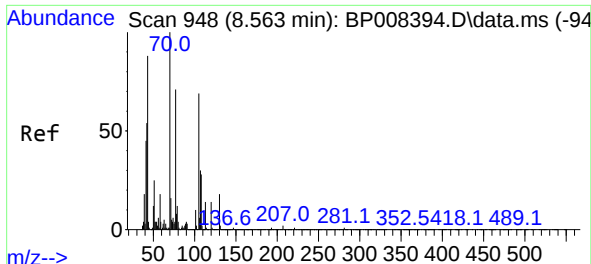
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#18
Hexachloroethane
Concen: 42.515 ng
RT: 8.805 min Scan# 989
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion:117 Resp: 87814
Ion Ratio Lower Upper
117 100
119 95.2 74.7 112.1
201 128.1 88.6 132.8





#19

n-Nitroso-di-n-propylamine

Concen: 37.188 ng

RT: 8.552 min Scan# 94

Delta R.T. -0.012 min

Lab File: BP008451.D

Acq: 16 Dec 2021 14:11

Instrument :

BNA_P

ClientSampleId :

PB141458BS

Tgt Ion: 70 Resp: 17195

Ion Ratio Lower Upper

70 100

42 57.6 45.4 68.2

101 10.2 7.6 11.4

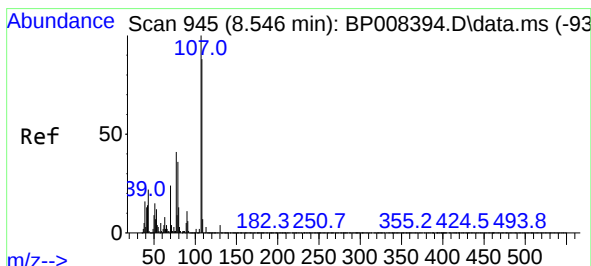
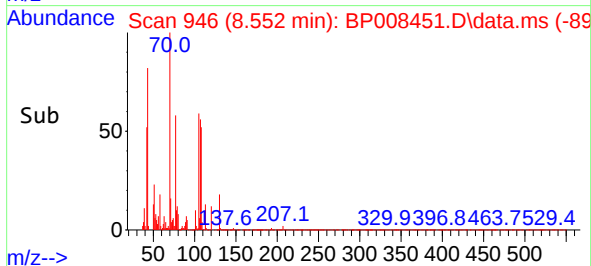
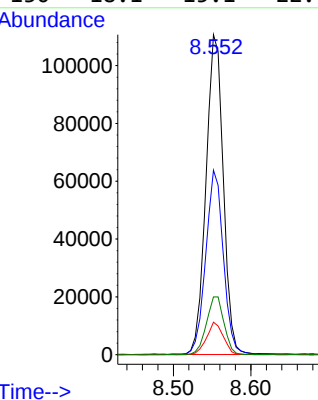
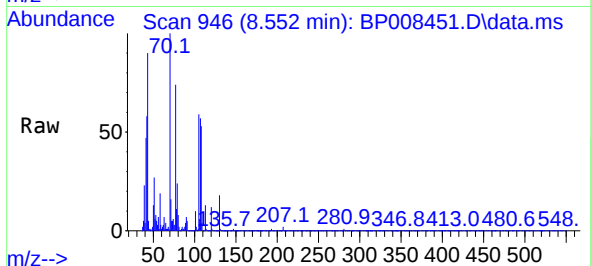
130 18.1 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/17/2021

Supervised By :Jagrut Upadhyay 12/20/2021



#20

3+4-Methylphenols

Concen: 41.548 ng

RT: 8.540 min Scan# 944

Delta R.T. -0.006 min

Lab File: BP008451.D

Acq: 16 Dec 2021 14:11

Tgt Ion:107 Resp: 239653

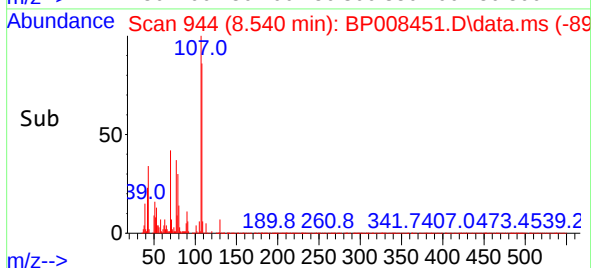
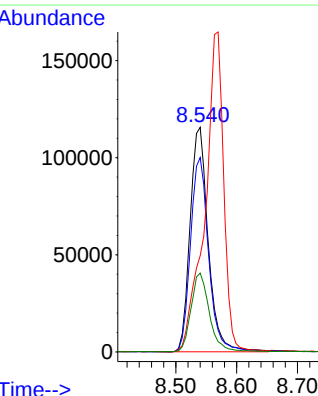
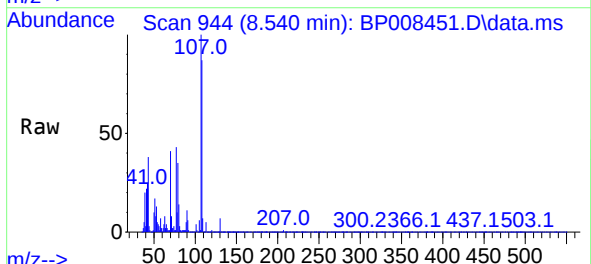
Ion Ratio Lower Upper

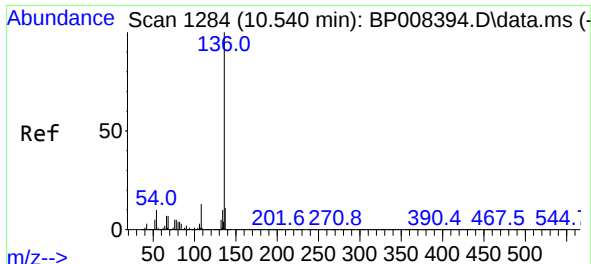
107 100

108 86.5 68.2 108.2

77 42.9 16.9 56.9

79 35.1 12.5 52.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 136
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :

BNA_P

ClientSampleId :

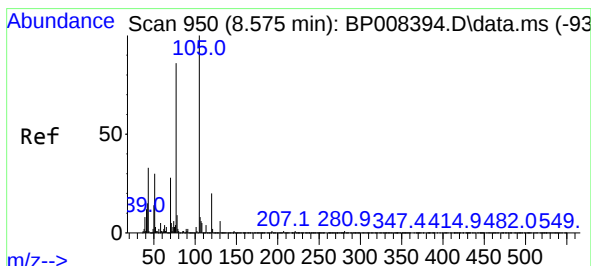
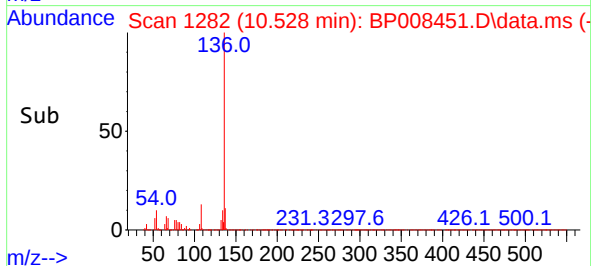
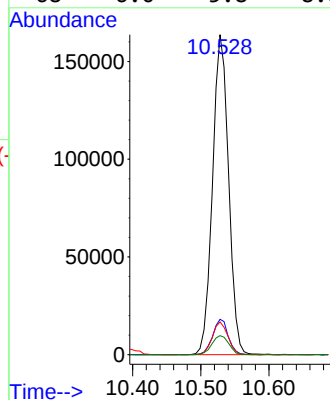
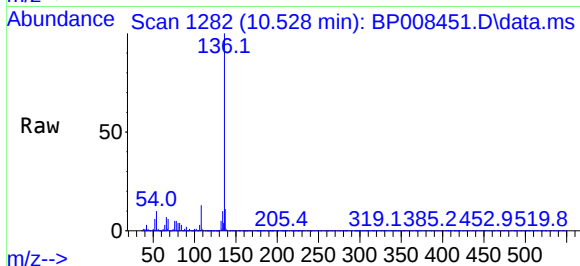
PB141458BS

Tgt Ion:136 Resp: 26794
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.2 8.2 12.4
68 6.0 5.8 8.8

Manual Integrations

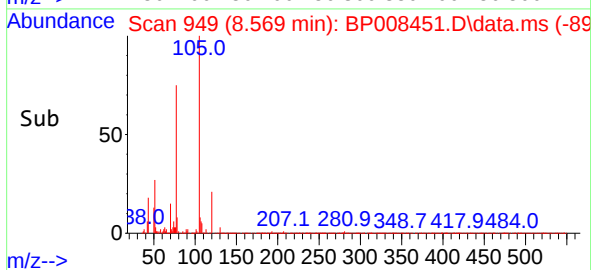
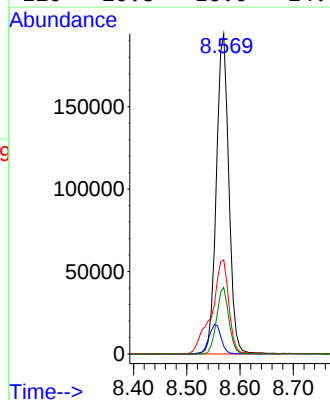
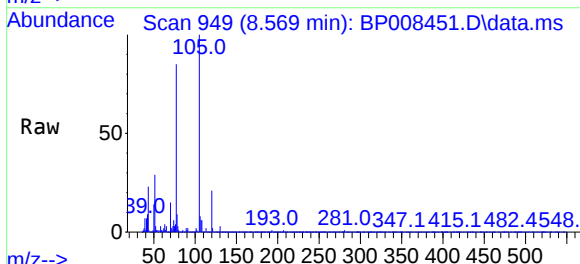
APPROVED

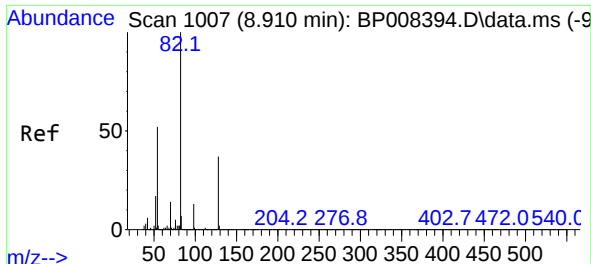
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#22
Acetophenone
Concen: 40.080 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion:105 Resp: 315820
Ion Ratio Lower Upper
105 100
71 2.5 4.0 6.0#
51 29.4 23.8 35.6
120 20.8 16.0 24.0





#23

Nitrobenzene-d5

Concen: 78.375 ng

RT: 8.905 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BP008451.D

Acq: 16 Dec 2021 14:11

Instrument :

BNA_P

ClientSampleId :

PB141458BS

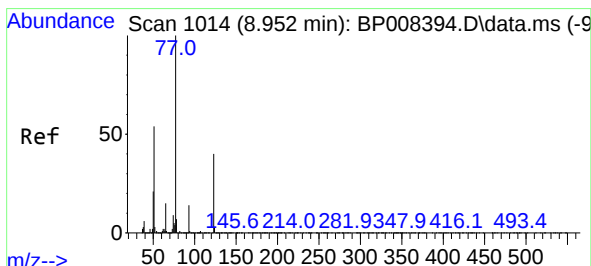
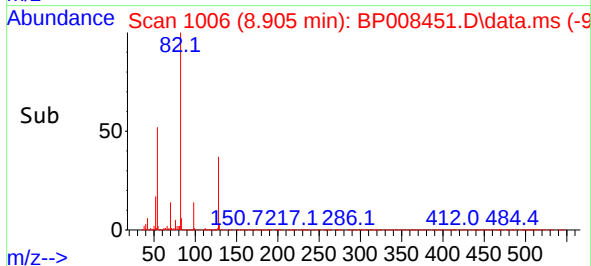
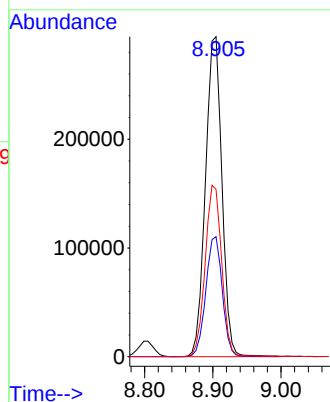
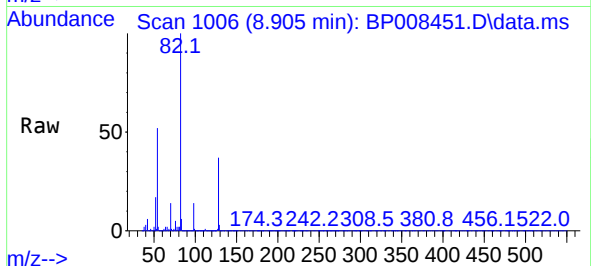
Tgt Ion: 82 Resp: 49569

Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.6	44.4
54	52.3	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#24

Nitrobenzene

Concen: 42.892 ng

RT: 8.946 min Scan# 1013

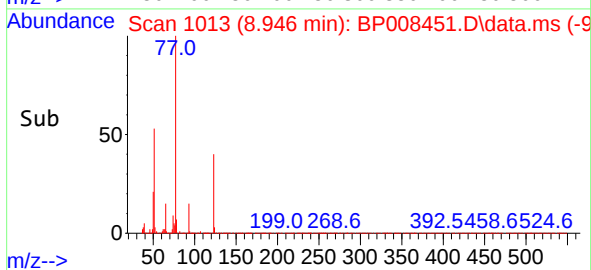
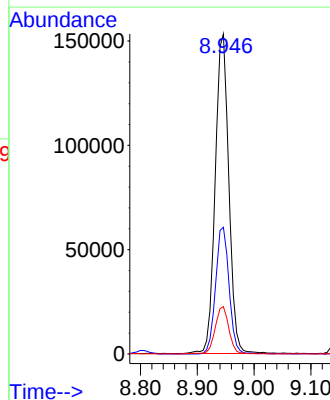
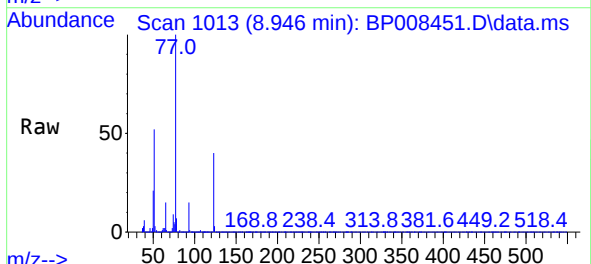
Delta R.T. -0.006 min

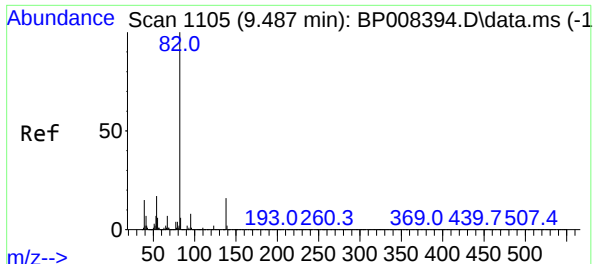
Lab File: BP008451.D

Acq: 16 Dec 2021 14:11

Tgt Ion: 77 Resp: 254612

Ion	Ratio	Lower	Upper
77	100		
123	39.6	30.4	45.6
65	14.8	11.3	16.9





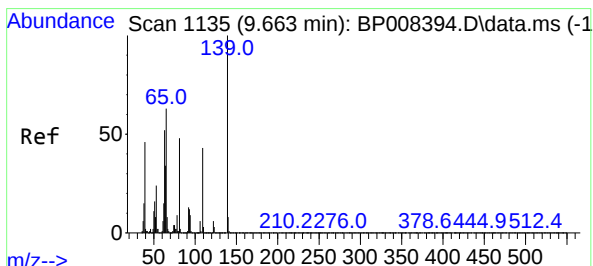
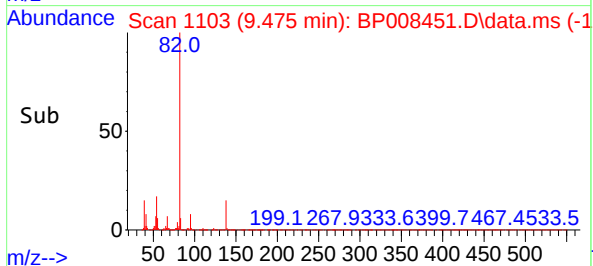
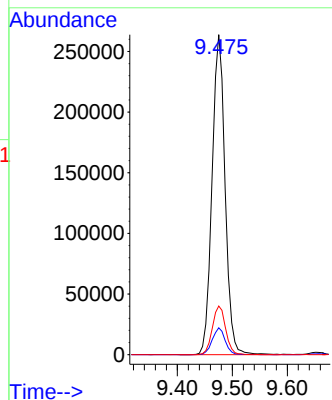
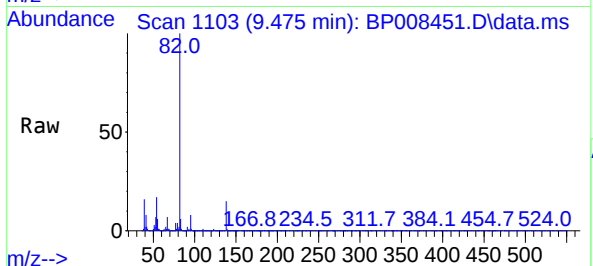
#25
Isophorone
Concen: 41.003 ng
RT: 9.475 min Scan# 1103
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :
BNA_P
ClientSampleId :
PB141458BS

Tgt Ion: 82 Resp: 43395
Ion Ratio Lower Upper
82 100
95 8.4 5.9 8.9
138 15.2 12.7 19.1

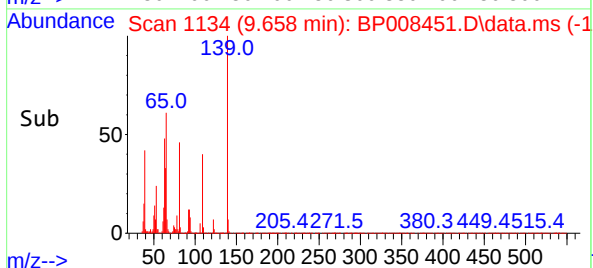
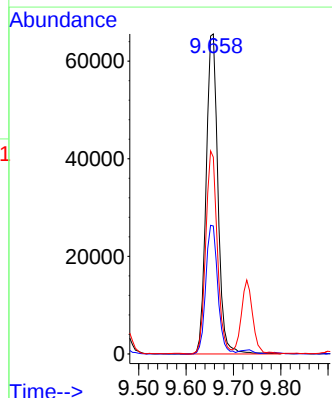
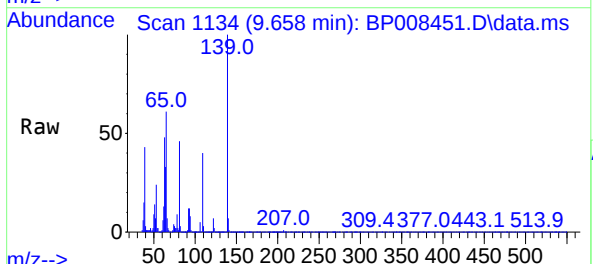
Manual Integrations
APPROVED

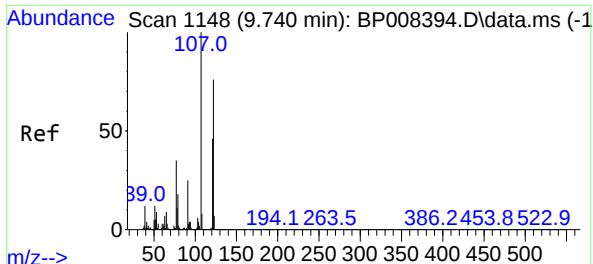
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#26
2-Nitrophenol
Concen: 43.234 ng
RT: 9.658 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion:139 Resp: 113418
Ion Ratio Lower Upper
139 100
109 40.0 28.3 42.5
65 61.5 49.7 74.5





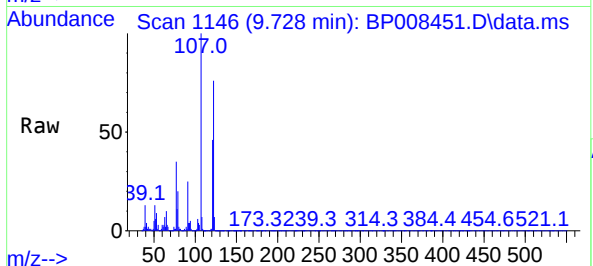
#27
2,4-Dimethylphenol
Concen: 49.316 ng
RT: 9.728 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :

BNA_P

ClientSampleId :

PB141458BS

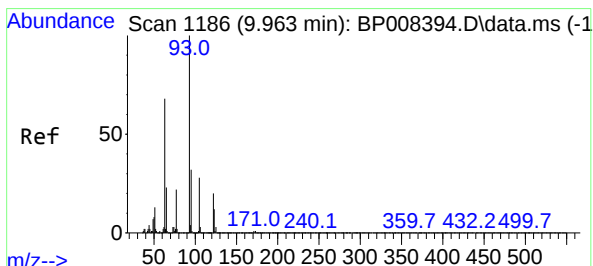
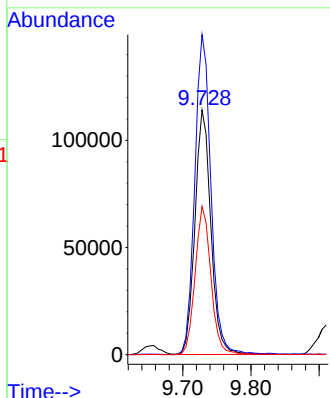
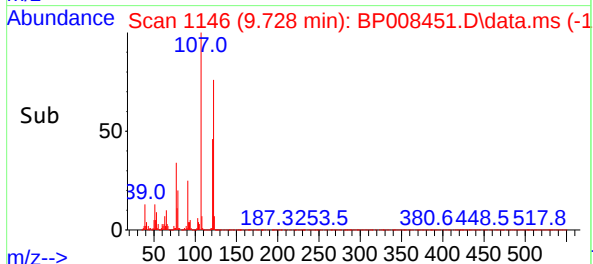


Tgt Ion:122 Resp: 18552
Ion Ratio Lower Upper
122 100
107 130.8 106.6 160.0
121 60.5 48.1 72.1

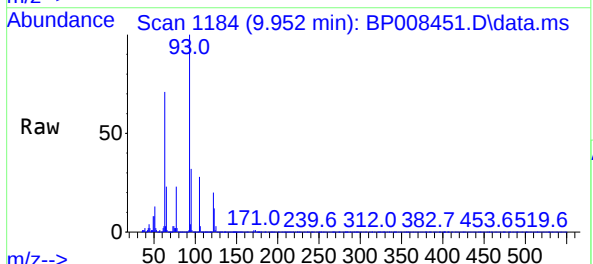
Manual Integrations

APPROVED

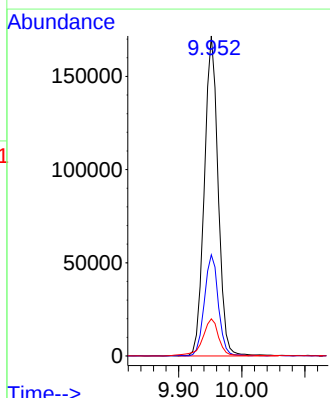
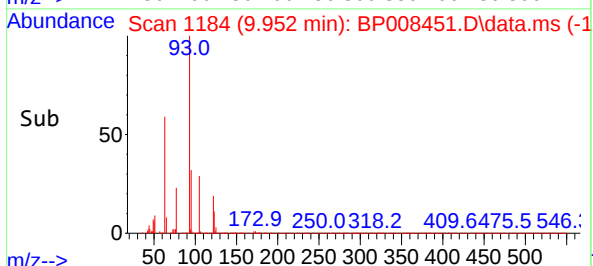
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021

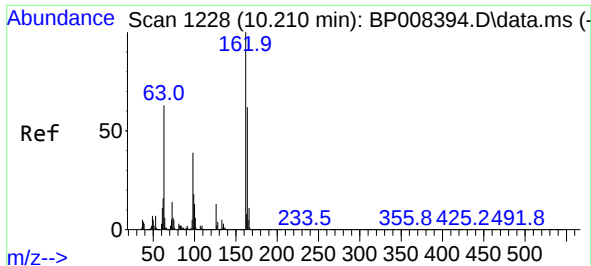


#28
bis(2-Chloroethoxy)methane
Concen: 39.911 ng
RT: 9.952 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11



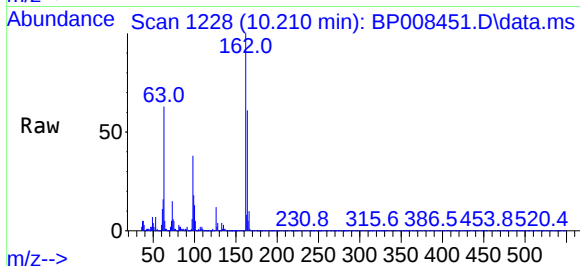
Tgt Ion: 93 Resp: 261101
Ion Ratio Lower Upper
93 100
95 31.6 25.4 38.2
123 11.6 7.8 11.6





#29
2,4-Dichlorophenol
Concen: 43.303 ng
RT: 10.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

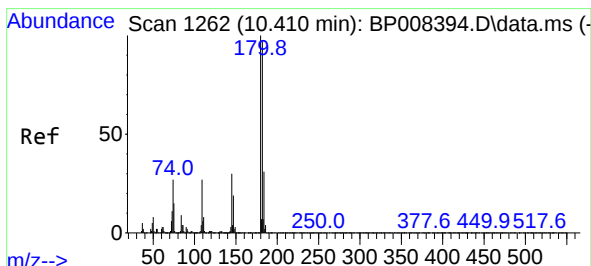
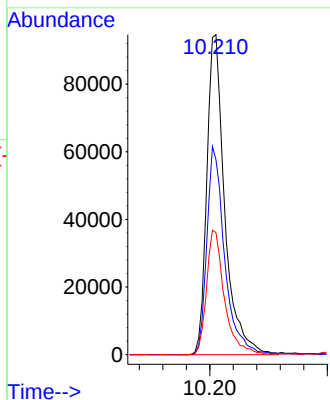
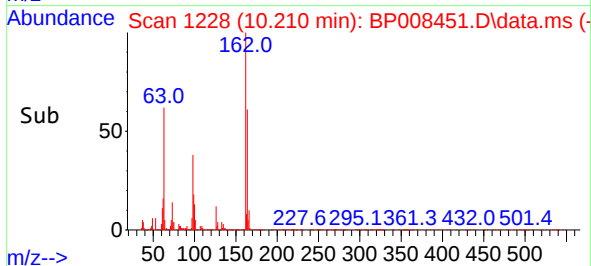
Instrument :
BNA_P
ClientSampleId :
PB141458BS



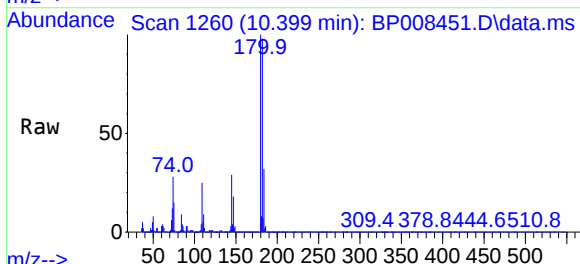
Tgt Ion:162 Resp: 20019
Ion Ratio Lower Upper
162 100
164 61.0 43.9 83.9
98 38.1 17.9 57.9

Manual Integrations
APPROVED

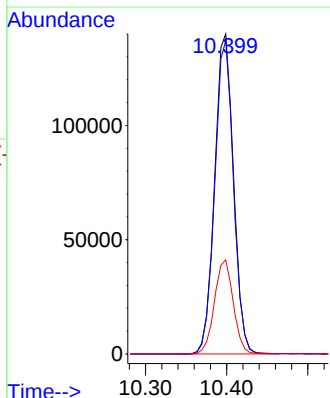
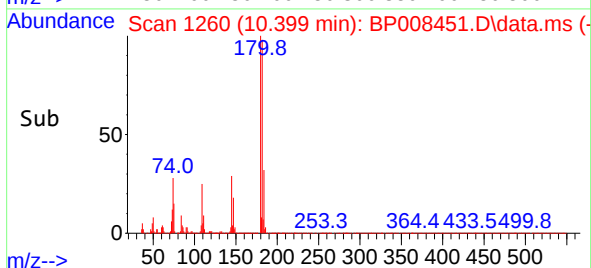
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021

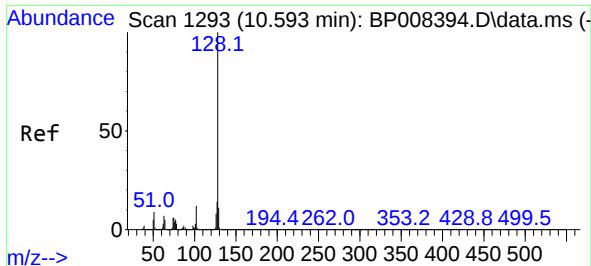


#30
1,2,4-Trichlorobenzene
Concen: 41.303 ng
RT: 10.399 min Scan# 1260
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11



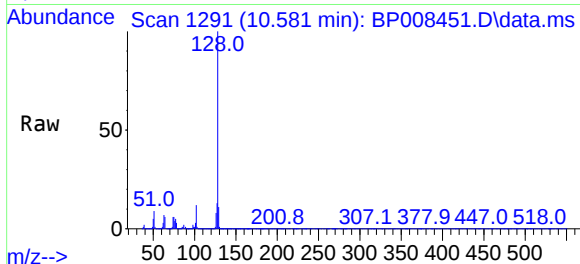
Tgt Ion:180 Resp: 226357
Ion Ratio Lower Upper
180 100
182 97.9 74.8 112.2
145 29.4 23.2 34.8





#31
Naphthalene
Concen: 41.485 ng
RT: 10.581 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

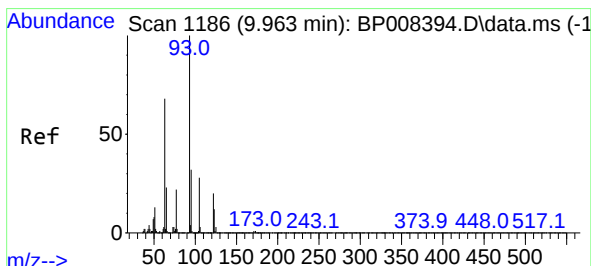
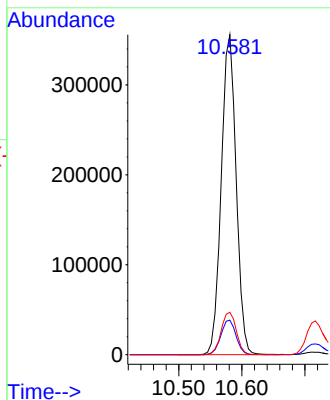
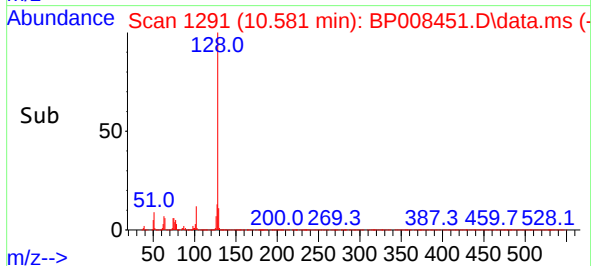
Instrument :
BNA_P
ClientSampleId :
PB141458BS



Tgt Ion:128 Resp: 58290
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.3 10.9 16.3

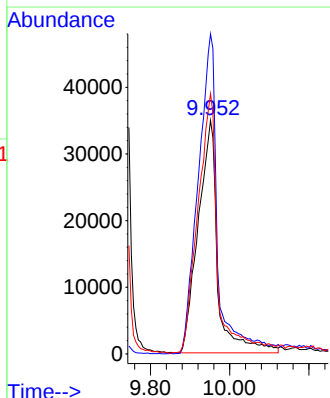
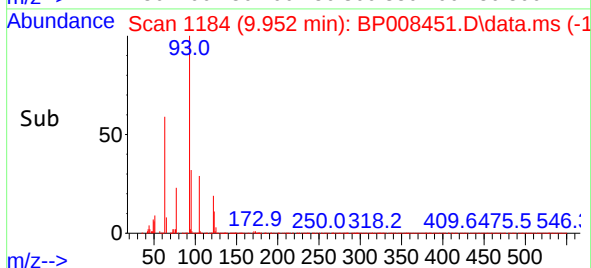
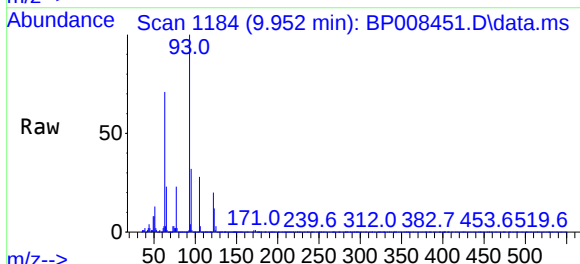
Manual Integrations
APPROVED

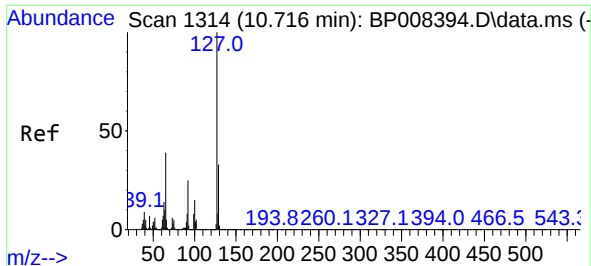
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#32
Benzoic acid
Concen: 43.425 ng
RT: 9.952 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

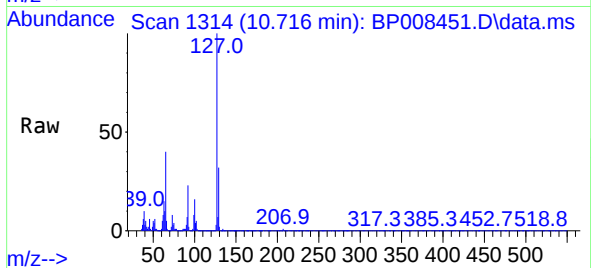
Tgt Ion:122 Resp: 119758
Ion Ratio Lower Upper
122 100
105 136.9 117.4 157.4
77 111.4 89.2 129.2





#33
4-Chloroaniline
Concen: 14.422 ng
RT: 10.716 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

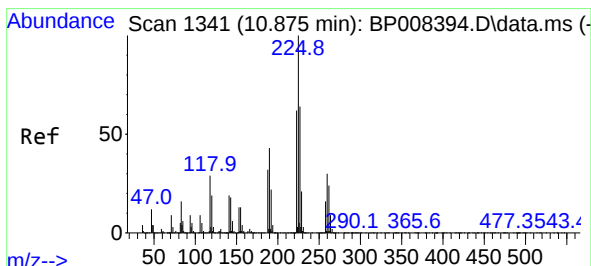
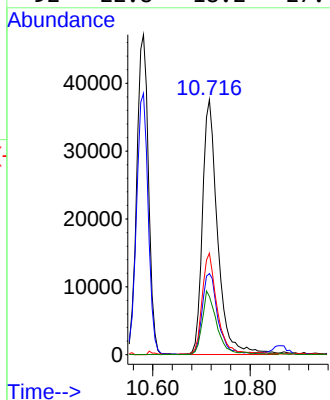
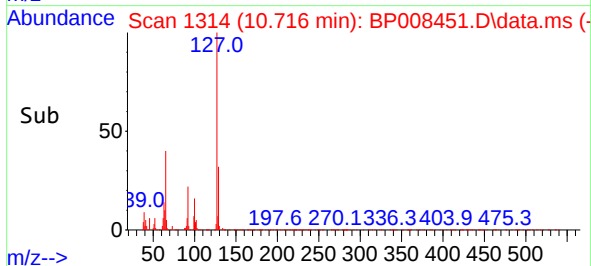
Instrument :
BNA_P
ClientSampleId :
PB141458BS



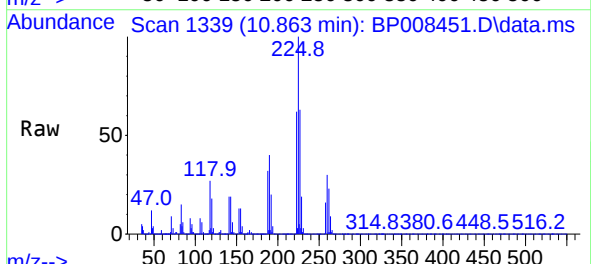
Tgt Ion:	127	Resp:	8118
Ion Ratio	Lower	Upper	
127	100		
129	31.8	25.4	38.2
65	39.7	29.5	44.3
92	22.8	18.2	27.4

Manual Integrations
APPROVED

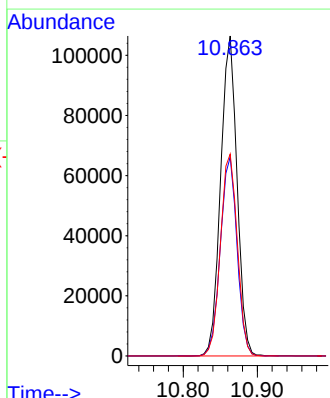
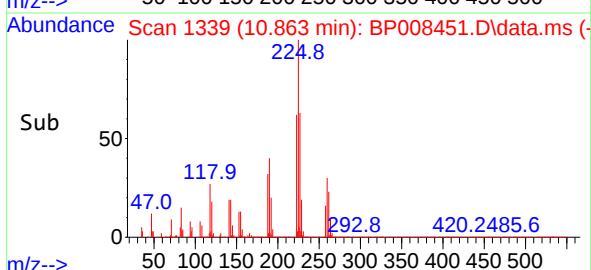
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021

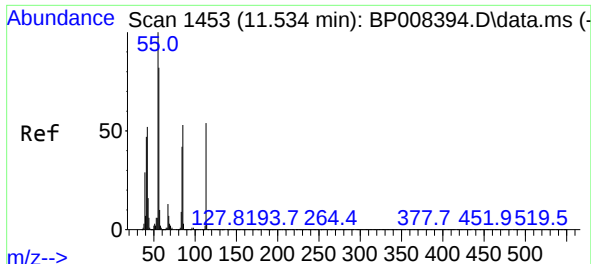


#34
Hexachlorobutadiene
Concen: 40.846 ng
RT: 10.863 min Scan# 1339
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11



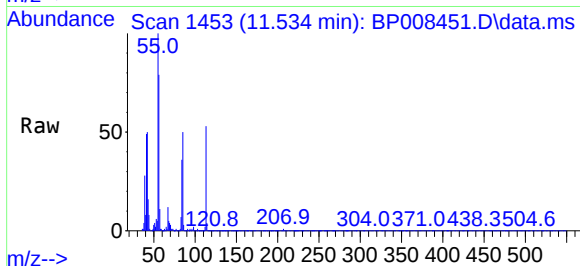
Tgt Ion:	225	Resp:	163633
Ion Ratio	Lower	Upper	
225	100		
223	62.2	52.5	78.7
227	63.1	51.0	76.6





#35
Caprolactam
Concen: 63.622 ng m
RT: 11.534 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

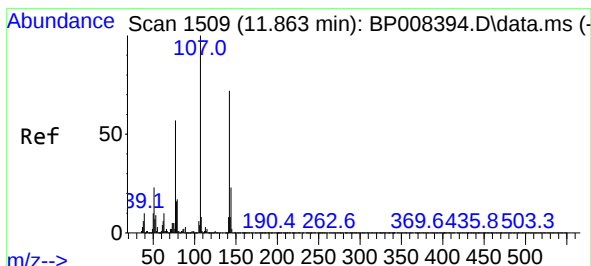
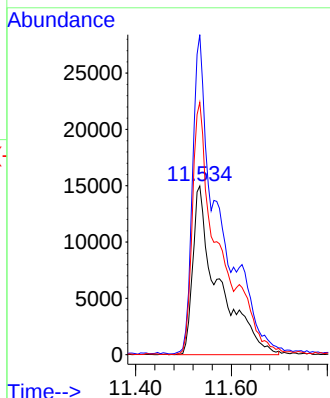
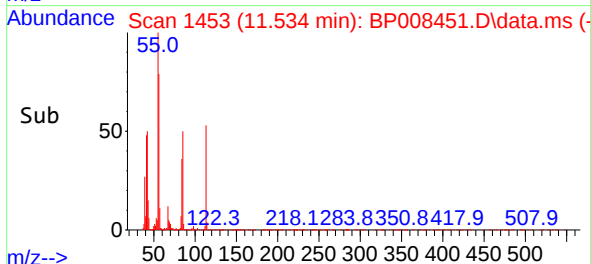
Instrument :
BNA_P
ClientSampleId :
PB141458BS



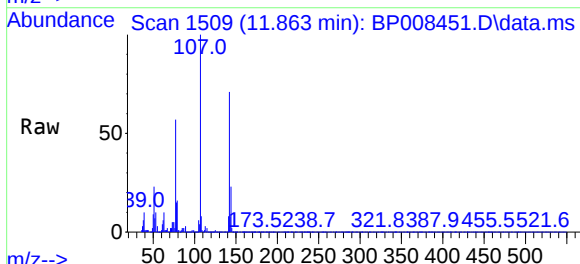
Tgt Ion:113 Resp: 5569
Ion Ratio Lower Upper
113 100
55 189.8 174.2 214.2
56 149.7 130.3 170.3

Manual Integrations
APPROVED

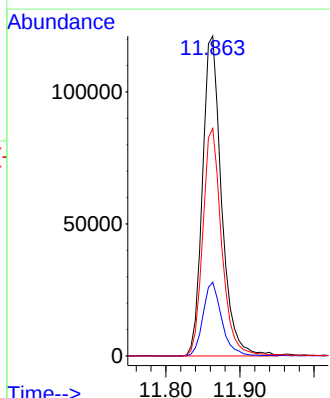
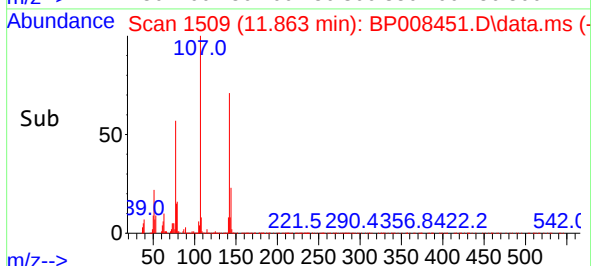
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021

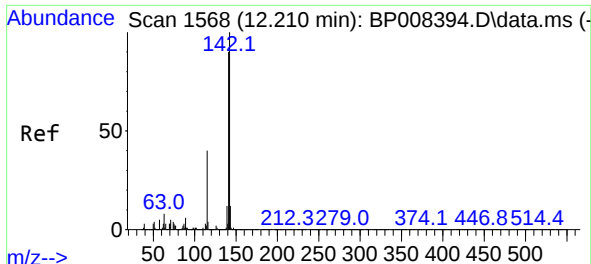


#36
4-Chloro-3-methylphenol
Concen: 41.896 ng
RT: 11.863 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11



Tgt Ion:107 Resp: 216424
Ion Ratio Lower Upper
107 100
144 23.1 19.7 29.5
142 71.1 59.6 89.4





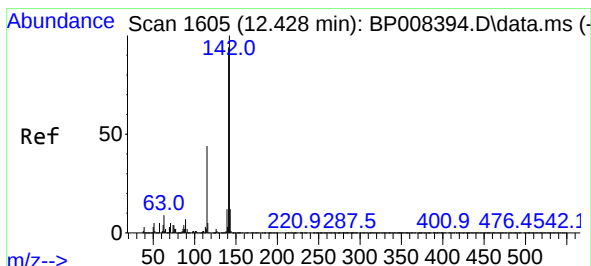
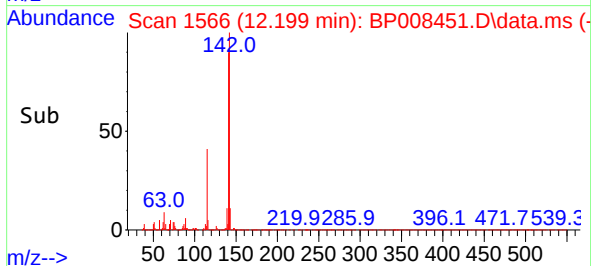
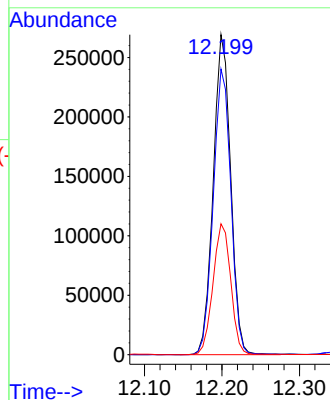
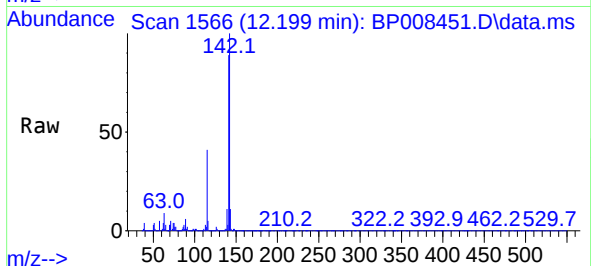
#37
2-Methylnaphthalene
Concen: 43.349 ng
RT: 12.199 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :
BNA_P
ClientSampleId :
PB141458BS

Tgt Ion:142 Resp: 419804
Ion Ratio Lower Upper
142 100
141 89.2 70.7 106.1
115 40.9 30.9 46.3

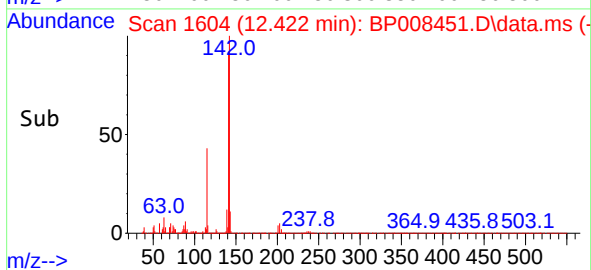
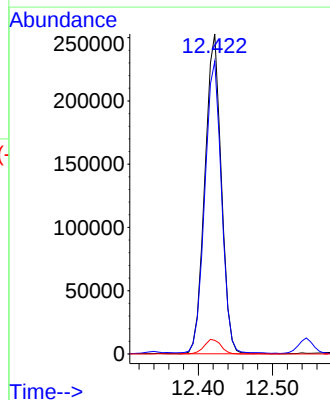
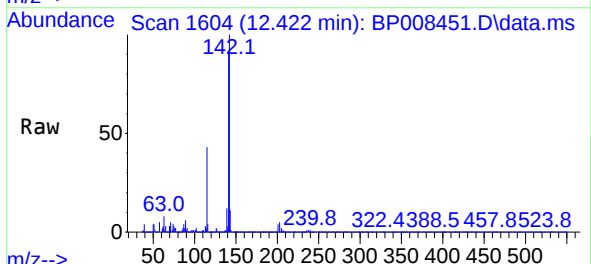
Manual Integrations
APPROVED

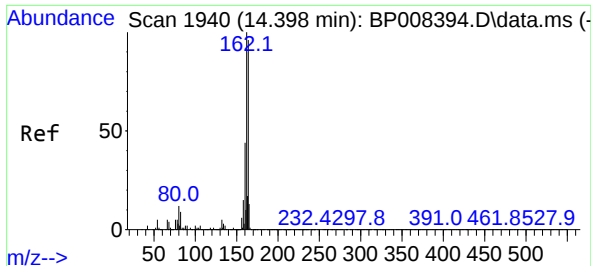
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#38
1-Methylnaphthalene
Concen: 41.165 ng
RT: 12.422 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

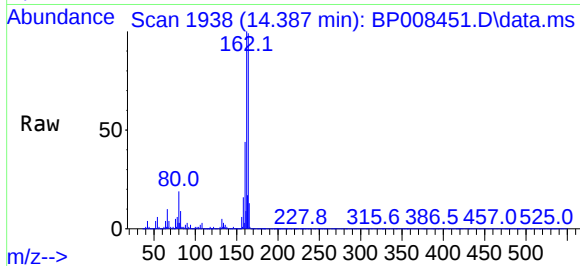
Tgt Ion:142 Resp: 388114
Ion Ratio Lower Upper
142 100
141 91.5 74.2 111.4
116 4.2 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

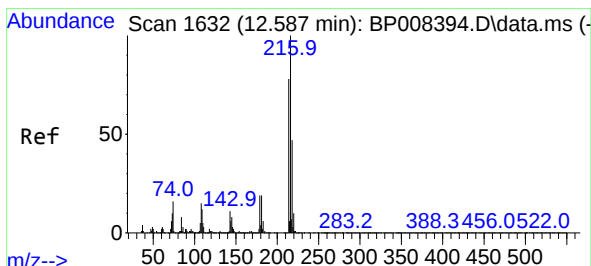
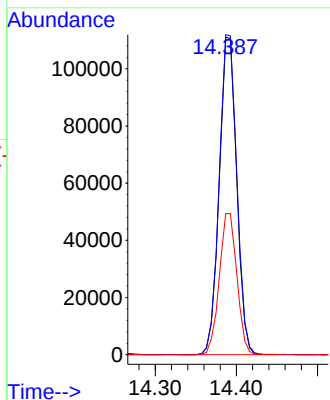
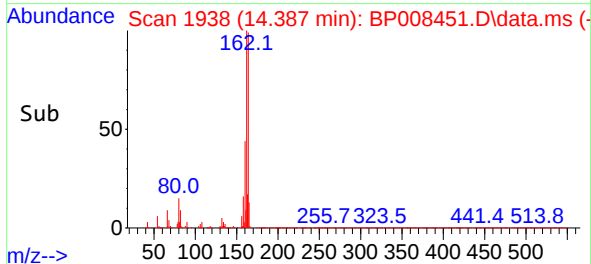
Instrument :
BNA_P
ClientSampleId :
PB141458BS



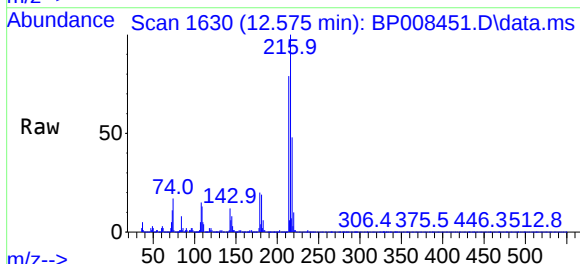
Tgt Ion:164 Resp: 165414
Ion Ratio Lower Upper
164 100
162 100.8 81.9 122.9
160 44.5 35.4 53.0

Manual Integrations
APPROVED

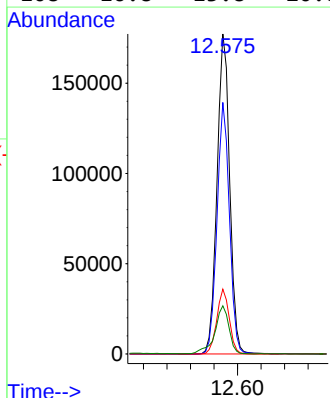
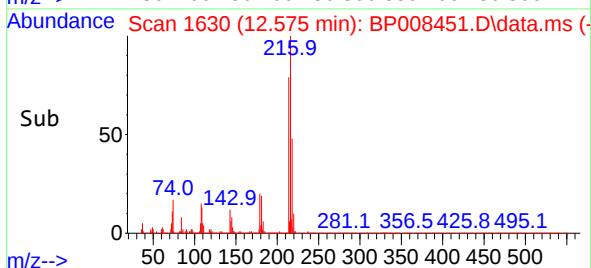
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021

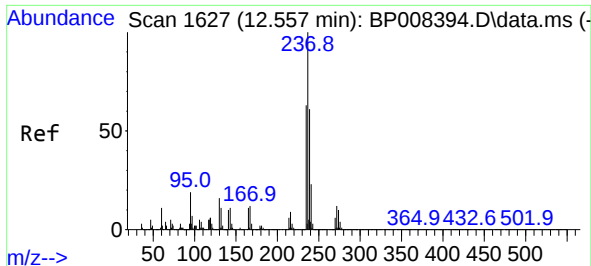


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.801 ng
RT: 12.575 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11



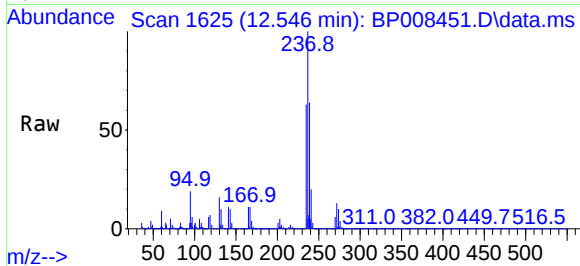
Tgt Ion:216 Resp: 264170
Ion Ratio Lower Upper
216 100
214 77.2 62.5 93.7
179 20.0 16.4 24.6
108 16.8 13.8 20.8





#41
Hexachlorocyclopentadiene
Concen: 91.279 ng
RT: 12.546 min Scan# 16203
Delta R.T. -0.011 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

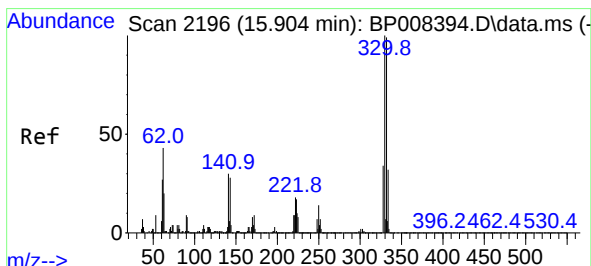
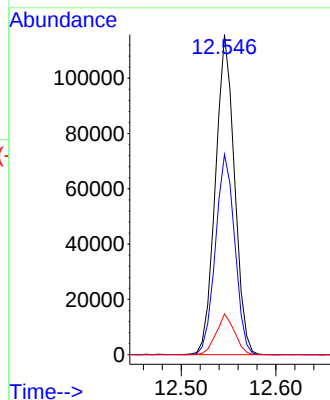
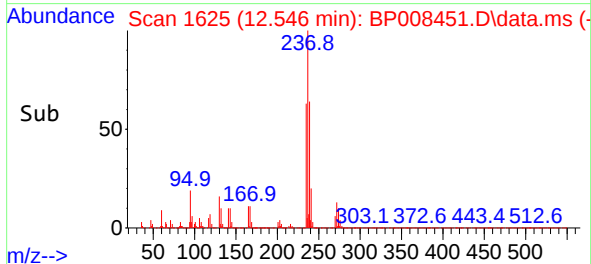
Instrument :
BNA_P
ClientSampleId :
PB141458BS



Tgt Ion: 237 Resp: 16203
Ion Ratio Lower Upper
237 100
235 62.6 42.3 82.3
272 12.8 0.0 32.2

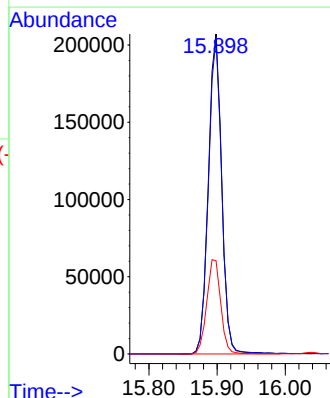
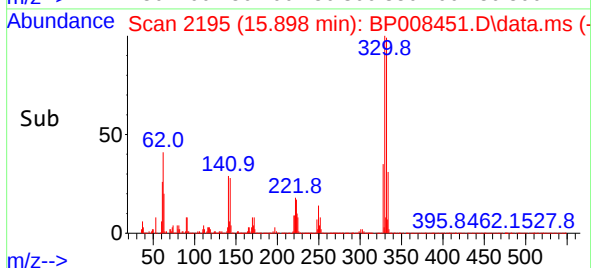
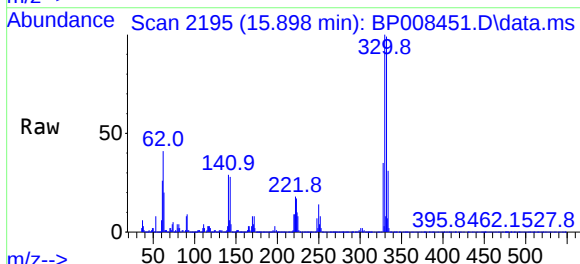
Manual Integrations
APPROVED

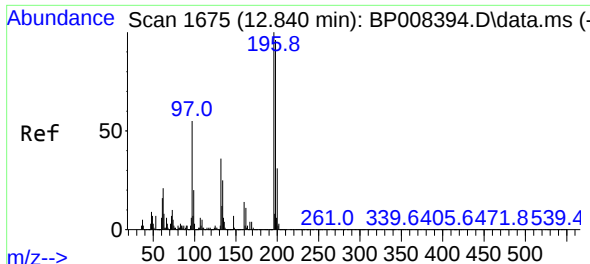
Reviewed By : Christian Giraldo 12/17/2021
Supervised By : Jagrut Upadhyay 12/20/2021



#42
2,4,6-Tribromophenol
Concen: 116.263 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion: 330 Resp: 282621
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.4
141 31.1 28.4 42.6





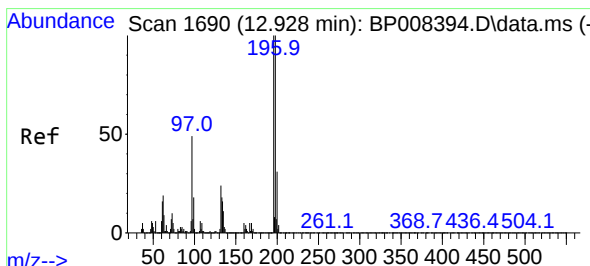
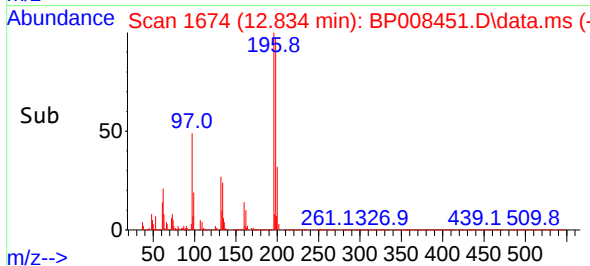
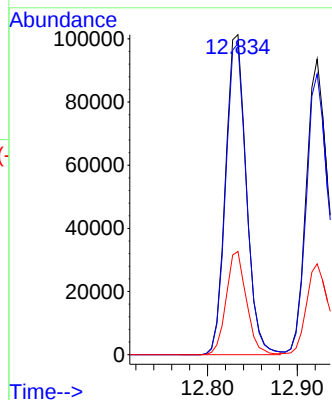
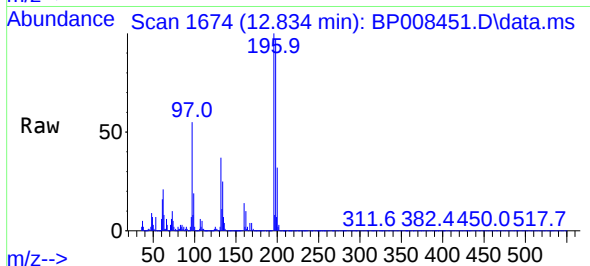
#43
2,4,6-Trichlorophenol
Concen: 41.121 ng
RT: 12.834 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :
BNA_P
ClientSampleId :
PB141458BS

Tgt Ion:196 Resp: 16326
Ion Ratio Lower Upper
196 100
198 97.3 74.8 112.2
200 32.3 24.3 36.5

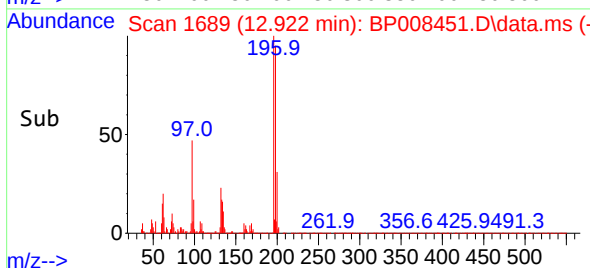
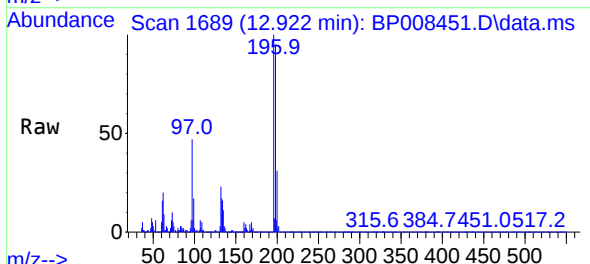
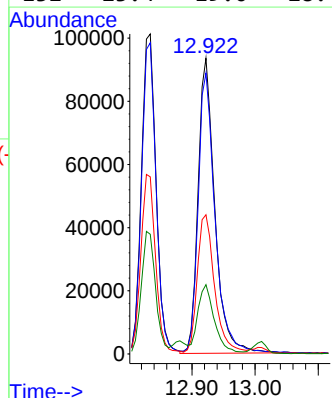
Manual Integrations
APPROVED

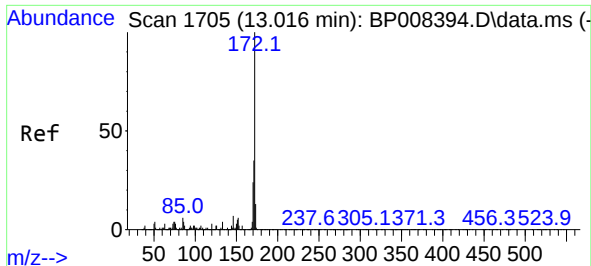
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#44
2,4,5-Trichlorophenol
Concen: 41.510 ng
RT: 12.922 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

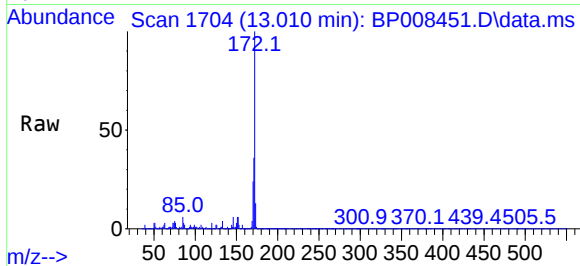
Tgt Ion:196 Resp: 171891
Ion Ratio Lower Upper
196 100
198 95.0 76.2 114.4
97 47.1 40.8 61.2
132 23.4 19.0 28.4





#45
2-Fluorobiphenyl
Concen: 78.166 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

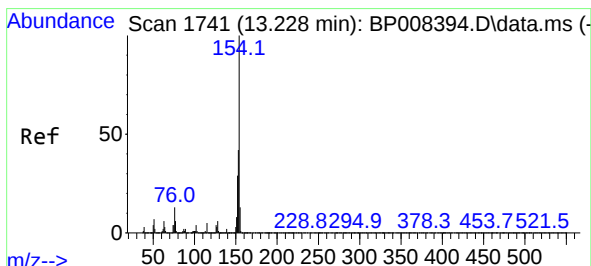
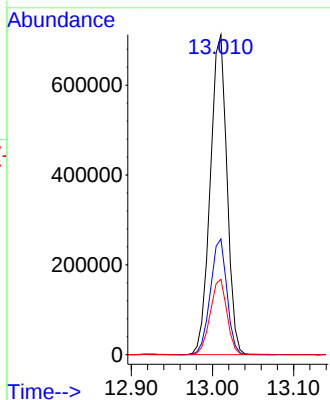
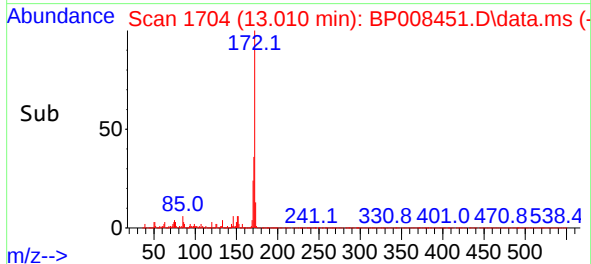
Instrument :
BNA_P
ClientSampleId :
PB141458BS



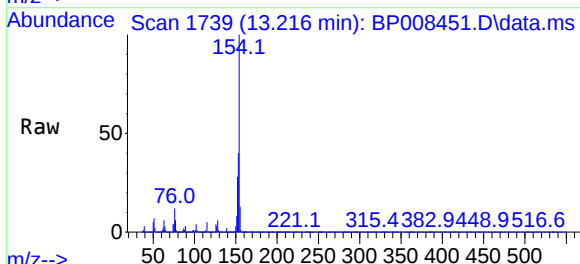
Tgt Ion:172 Resp: 1017134
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 23.6 18.9 28.3

Manual Integrations
APPROVED

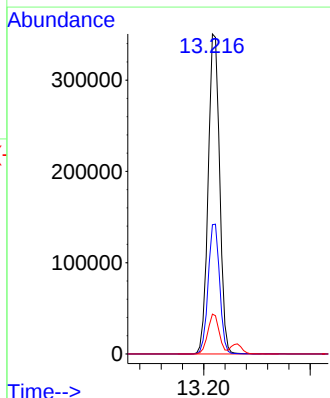
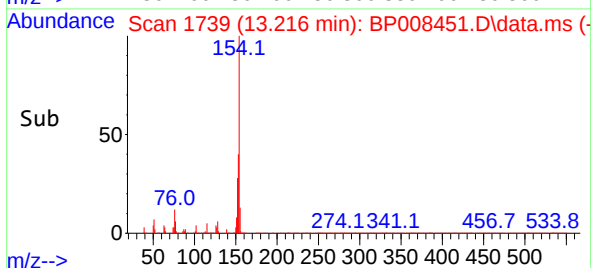
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021

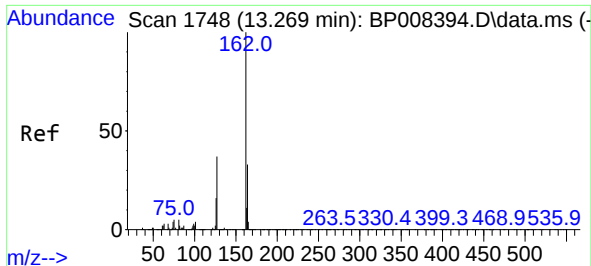


#46
1,1'-Biphenyl
Concen: 41.062 ng
RT: 13.216 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11



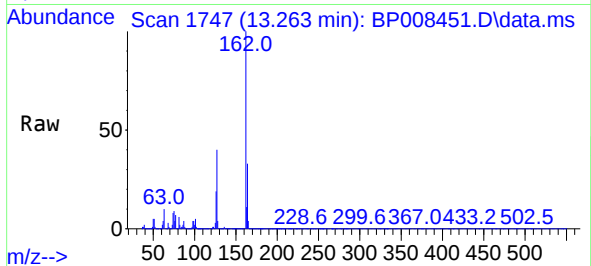
Tgt Ion:154 Resp: 524769
Ion Ratio Lower Upper
154 100
153 40.4 19.7 59.7
76 12.4 0.0 33.7





#47
2-Chloronaphthalene
Concen: 41.379 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

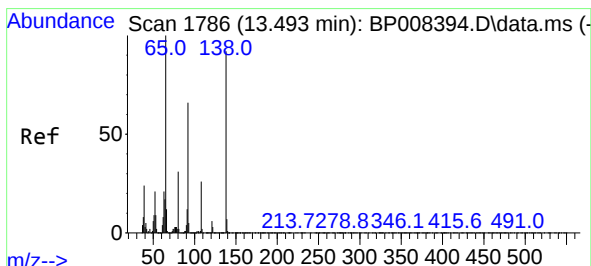
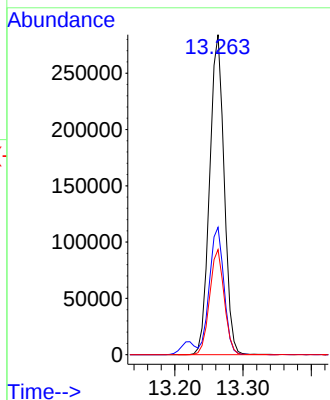
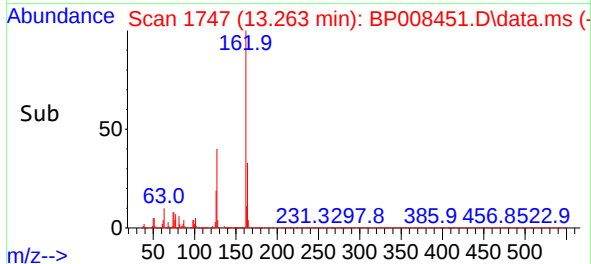
Instrument :
BNA_P
ClientSampleId :
PB141458BS



Tgt Ion:162 Resp: 421790
Ion Ratio Lower Upper
162 100
127 39.8 31.3 46.9
164 32.9 26.9 40.3

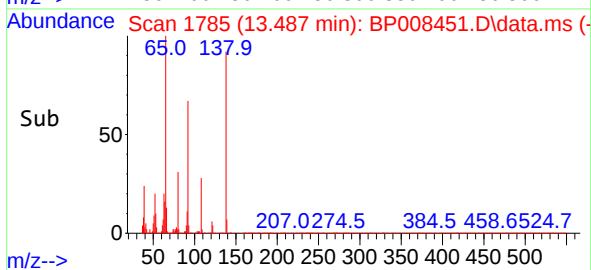
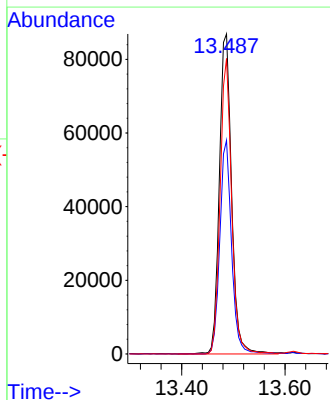
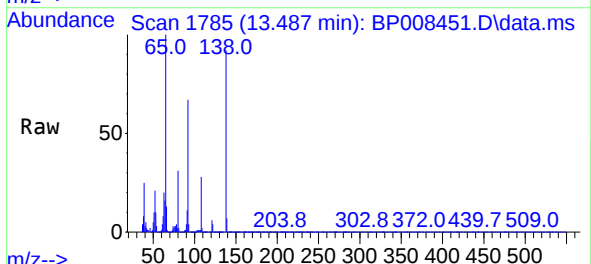
Manual Integrations
APPROVED

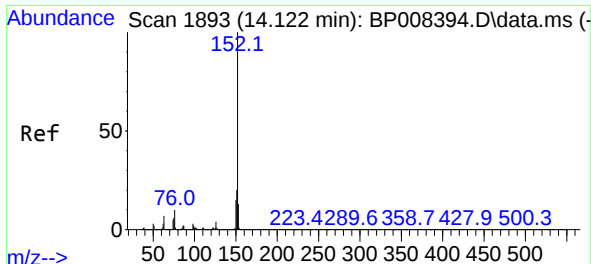
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#48
2-Nitroaniline
Concen: 41.557 ng
RT: 13.487 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion: 65 Resp: 142474
Ion Ratio Lower Upper
65 100
92 66.8 50.6 75.8
138 92.3 68.7 103.1





#49
Acenaphthylene
Concen: 42.262 ng
RT: 14.110 min Scan# 1891
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :

BNA_P

ClientSampleId :

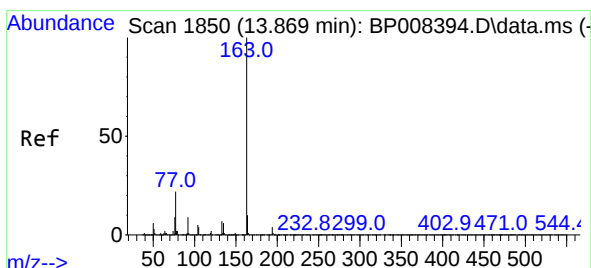
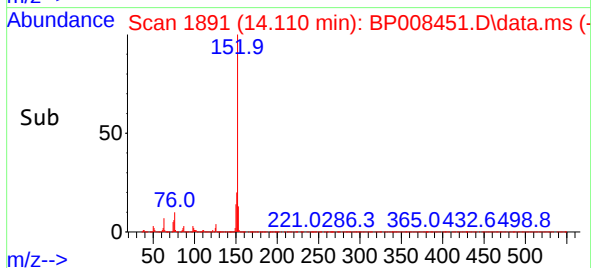
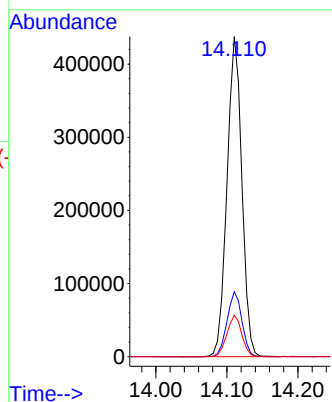
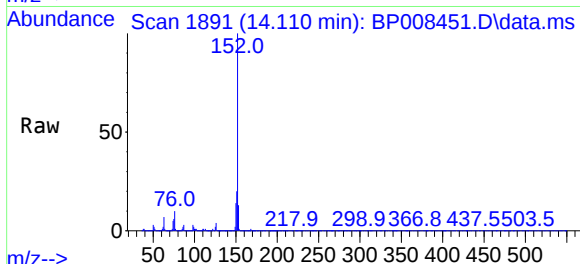
PB141458BS

Tgt Ion:152 Resp: 63328
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 12.9 10.9 16.3

Manual Integrations

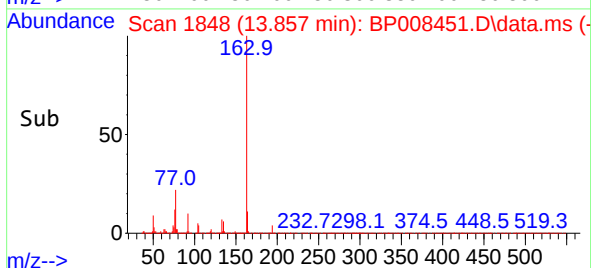
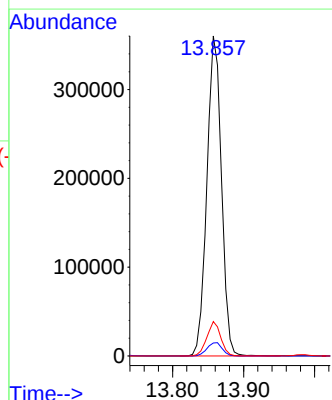
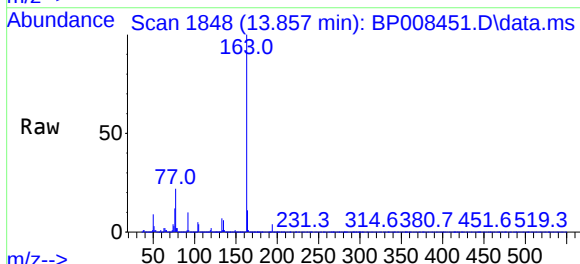
APPROVED

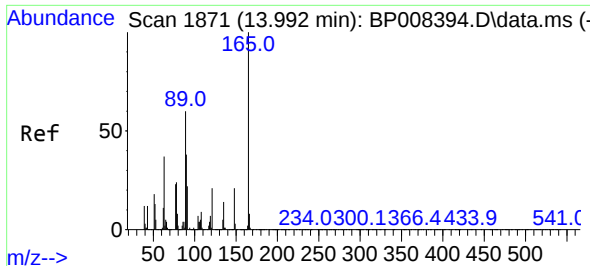
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#50
Dimethylphthalate
Concen: 40.997 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

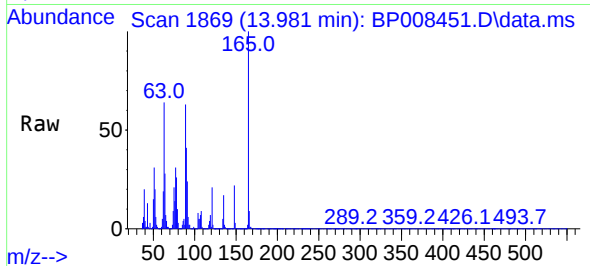
Tgt Ion:163 Resp: 513451
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 43.896 ng
RT: 13.981 min Scan# 1869
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

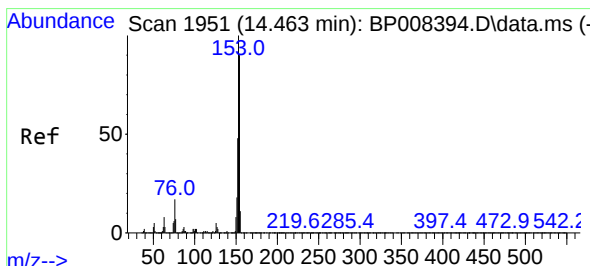
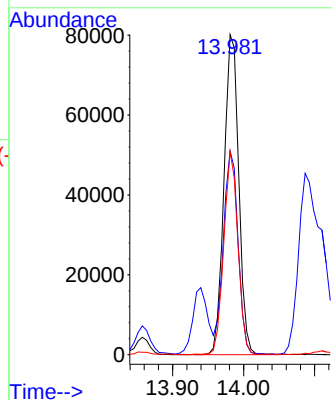
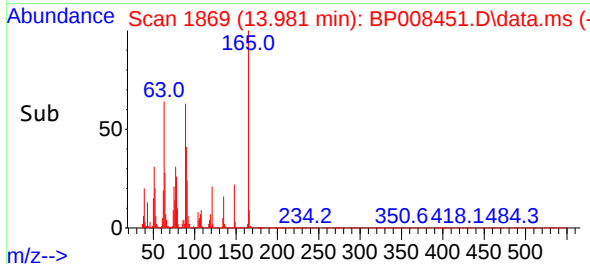
Instrument :
BNA_P
ClientSampleId :
PB141458BS



Tgt Ion:165 Resp: 114768
Ion Ratio Lower Upper
165 100
63 63.6 50.8 76.2
89 63.5 50.0 75.0

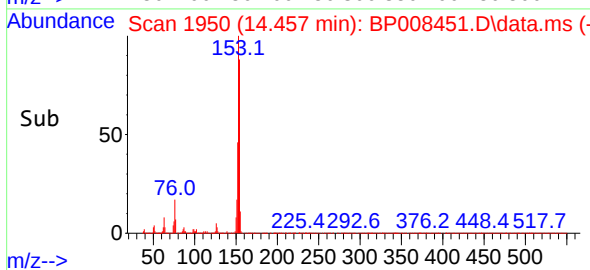
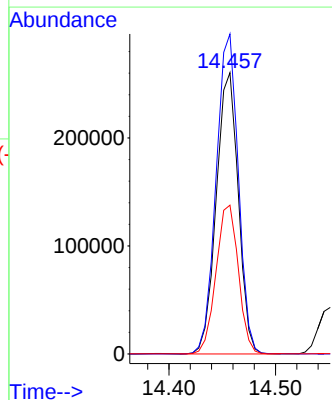
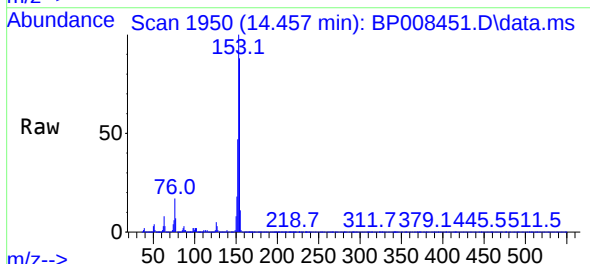
Manual Integrations
APPROVED

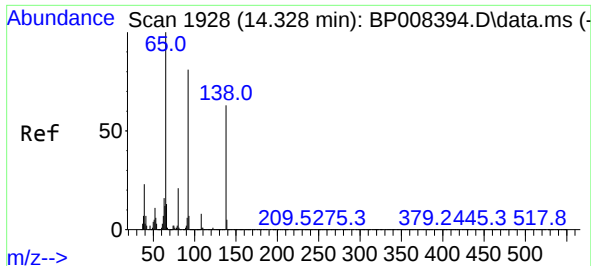
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#52
Acenaphthene
Concen: 42.021 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion:154 Resp: 374526
Ion Ratio Lower Upper
154 100
153 113.7 90.3 135.5
152 52.9 43.3 64.9





#53
3-Nitroaniline
Concen: 24.363 ng
RT: 14.322 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :

BNA_P

ClientSampleId :

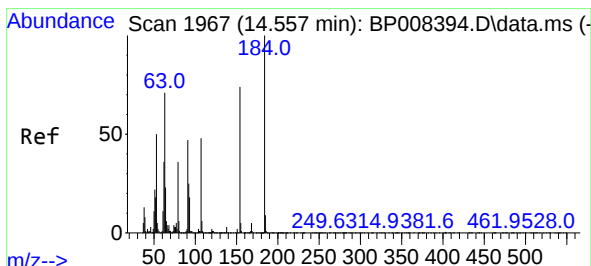
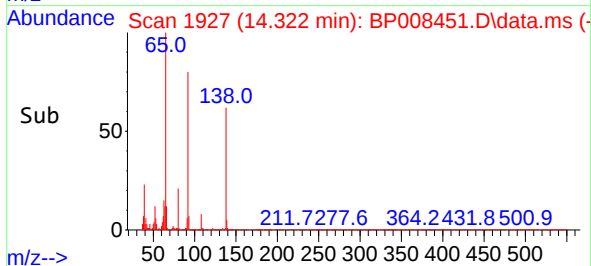
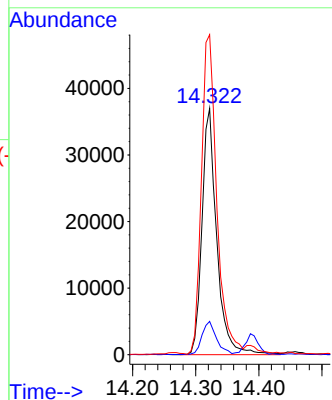
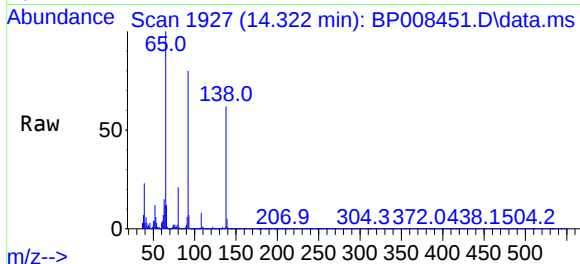
PB141458BS

Tgt Ion:138 Resp: 60009
Ion Ratio Lower Upper
138 100
108 13.5 9.2 13.8
92 129.9 102.9 154.3

Manual Integrations

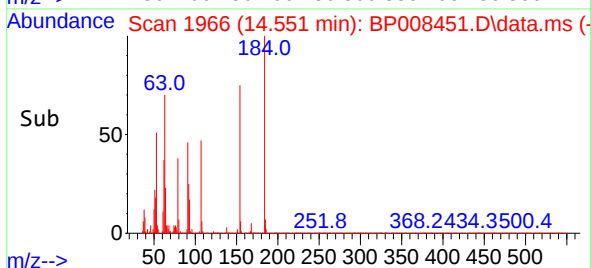
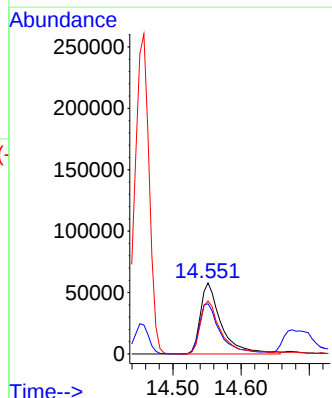
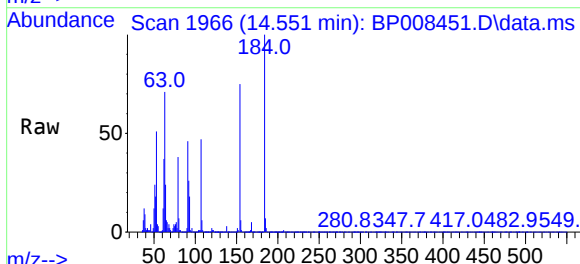
APPROVED

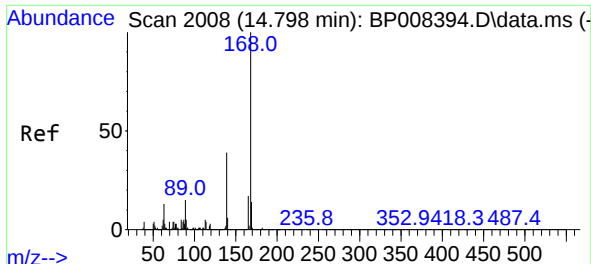
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#54
2,4-Dinitrophenol
Concen: 89.550 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion:184 Resp: 122218
Ion Ratio Lower Upper
184 100
63 70.8 53.8 80.6
154 74.6 54.2 81.2





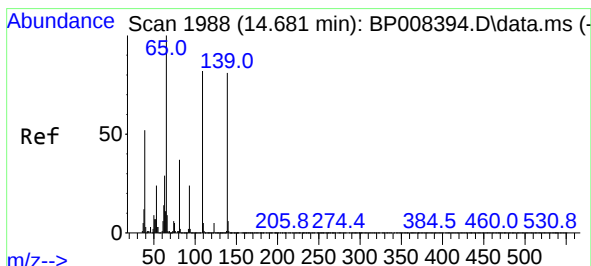
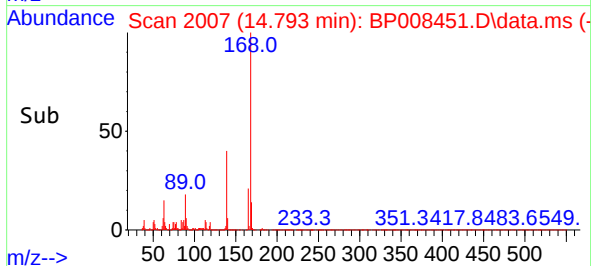
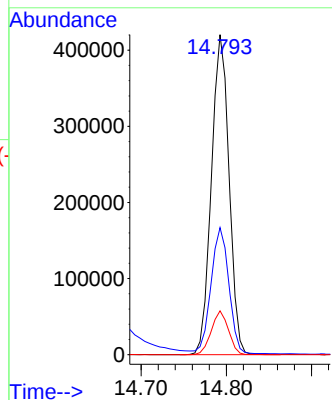
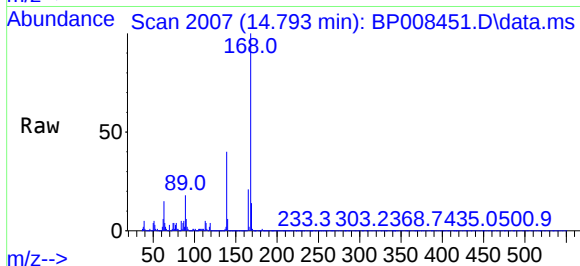
#55
Dibenzenofuran
Concen: 39.818 ng
RT: 14.793 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :
BNA_P
ClientSampleId :
PB141458BS

Tgt Ion:168 Resp: 60377
Ion Ratio Lower Upper
168 100
139 39.7 30.6 46.0
169 13.7 11.0 16.4

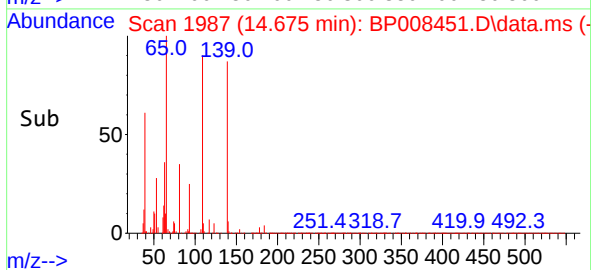
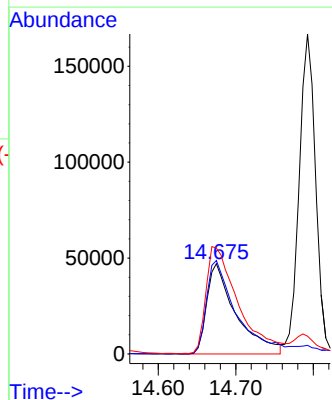
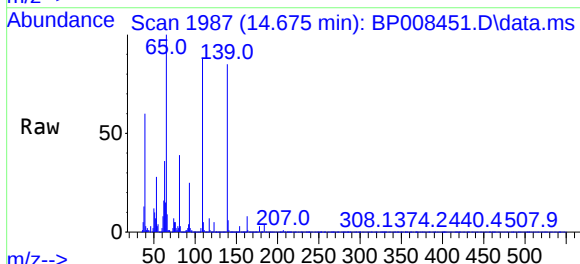
Manual Integrations
APPROVED

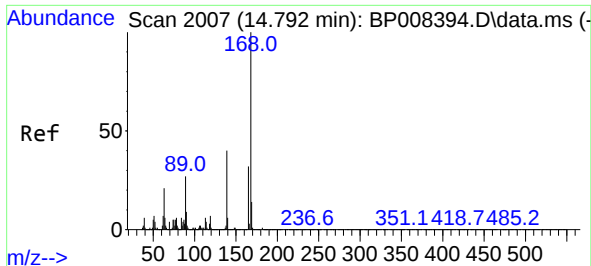
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#56
4-Nitrophenol
Concen: 86.398 ng
RT: 14.675 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion:139 Resp: 123532
Ion Ratio Lower Upper
139 100
109 103.5 65.9 105.9
65 117.4 91.9 131.9





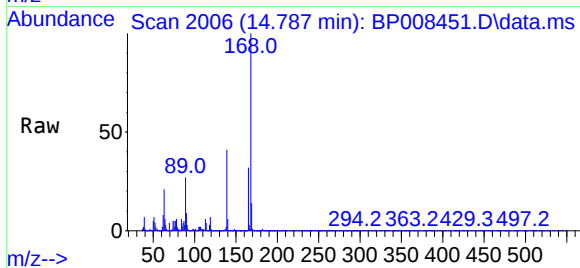
#57
2,4-Dinitrotoluene
Concen: 43.021 ng
RT: 14.787 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :

BNA_P

ClientSampleId :

PB141458BS

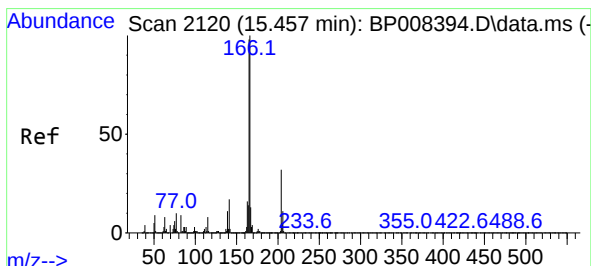
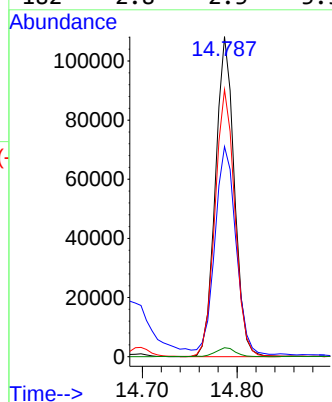
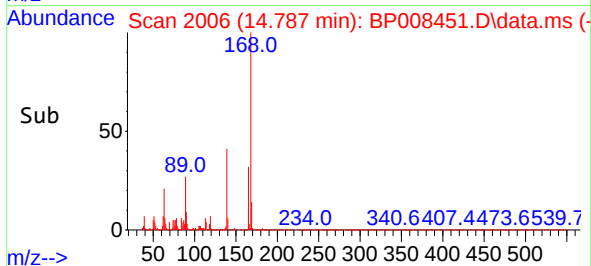


Tgt Ion:165 Resp: 15027
Ion Ratio Lower Upper
165 100
63 65.6 38.9 58.3
89 83.5 60.5 90.7
182 2.8 2.3 3.5

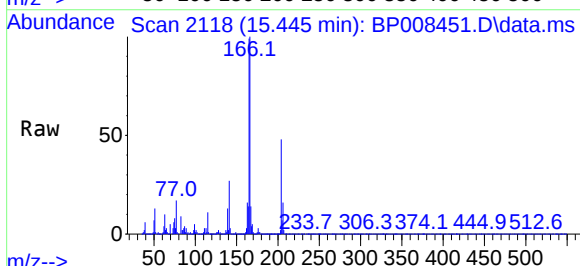
Manual Integrations

APPROVED

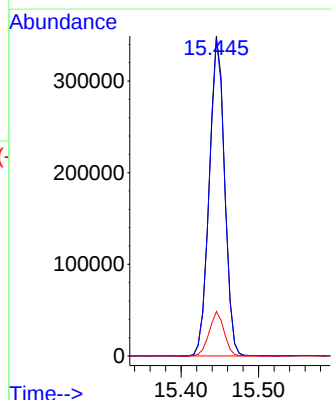
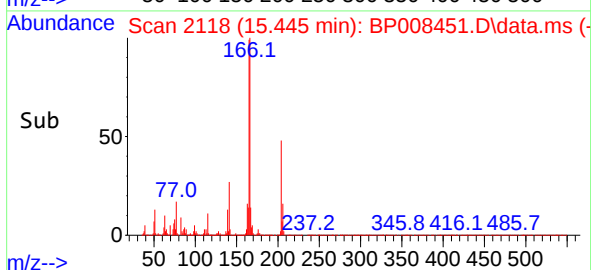
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021

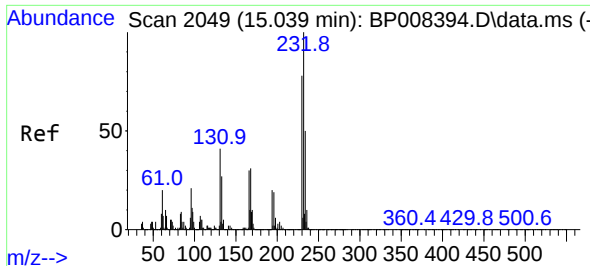


#58
Fluorene
Concen: 40.774 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11



Tgt Ion:166 Resp: 479297
Ion Ratio Lower Upper
166 100
165 99.0 79.4 119.2
167 13.9 10.9 16.3





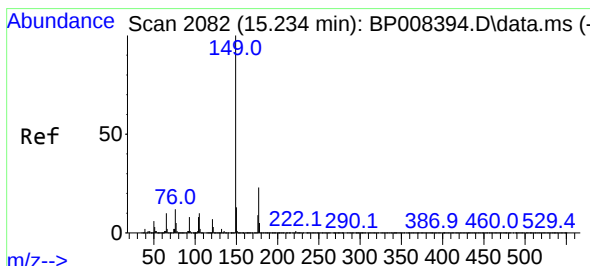
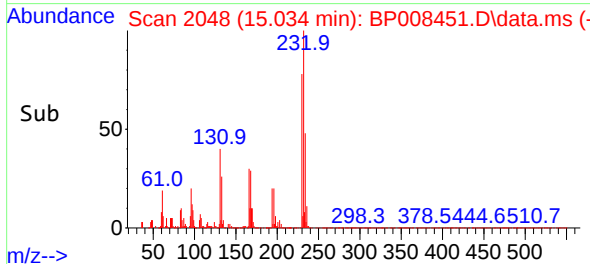
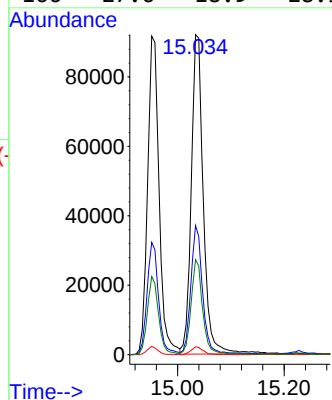
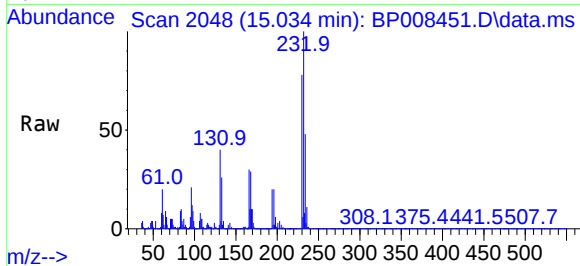
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.931 ng
RT: 15.034 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :
BNA_P
ClientSampleId :
PB141458BS

Tgt Ion:232 Resp: 144770
Ion Ratio Lower Upper
232 100
131 39.5 28.1 42.1
130 2.5 1.8 2.8
166 27.6 18.9 28.3

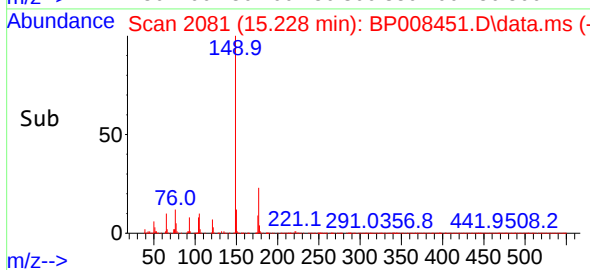
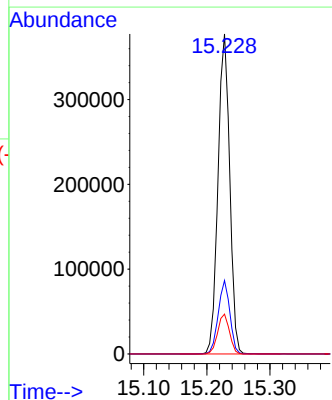
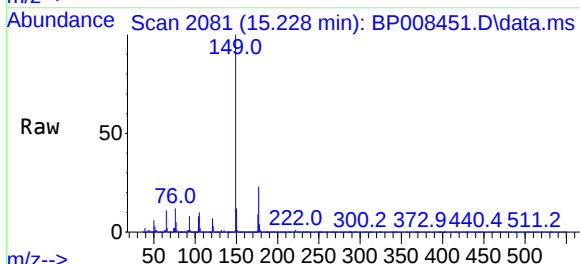
Manual Integrations
APPROVED

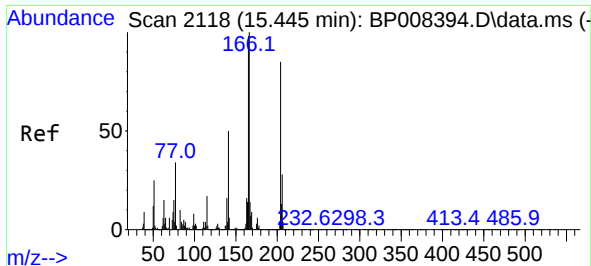
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#60
Diethylphthalate
Concen: 40.797 ng
RT: 15.228 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

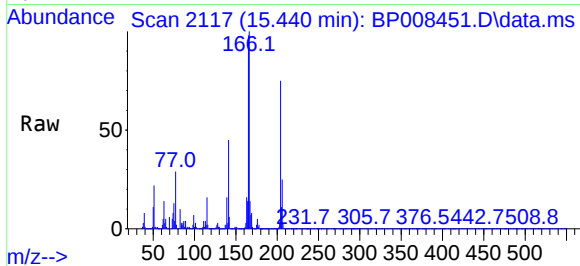
Tgt Ion:149 Resp: 484906
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.2
150 12.4 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 39.567 ng
RT: 15.440 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

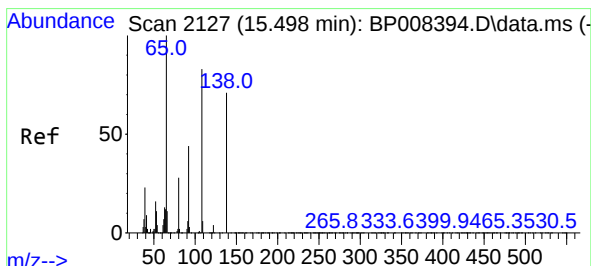
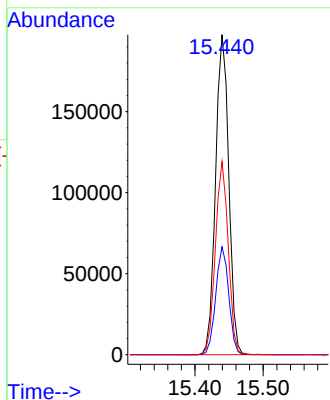
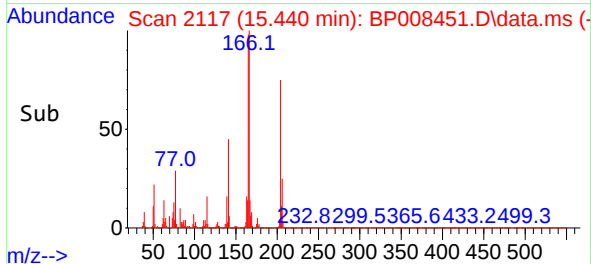
Instrument :
BNA_P
ClientSampleId :
PB141458BS



Tgt Ion:204 Resp: 26575
Ion Ratio Lower Upper
204 100
206 33.7 26.1 39.1
141 60.3 47.4 71.0

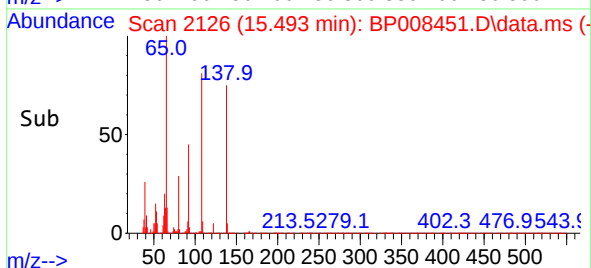
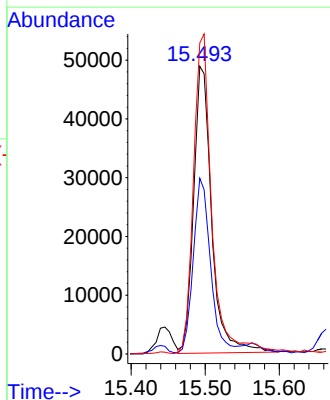
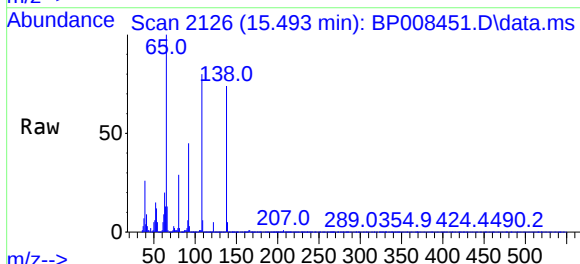
Manual Integrations
APPROVED

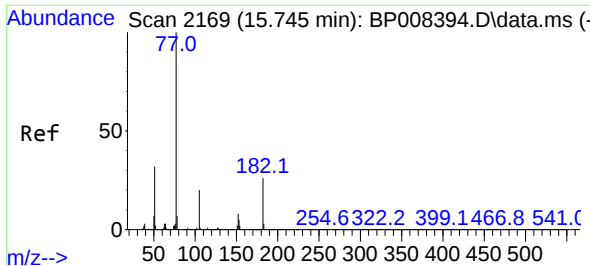
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#62
4-Nitroaniline
Concen: 37.258 ng
RT: 15.493 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

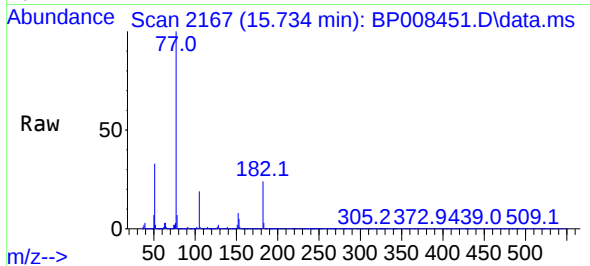
Tgt Ion:138 Resp: 82632
Ion Ratio Lower Upper
138 100
92 61.1 40.8 80.8
108 108.1 77.9 117.9





#63
Azobenzene
Concen: 40.633 ng
RT: 15.734 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

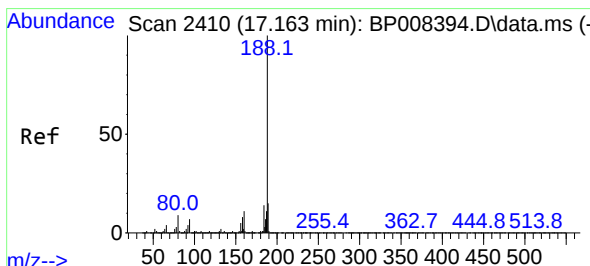
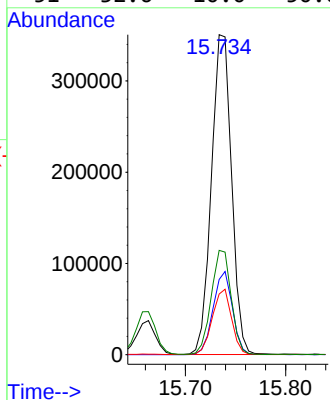
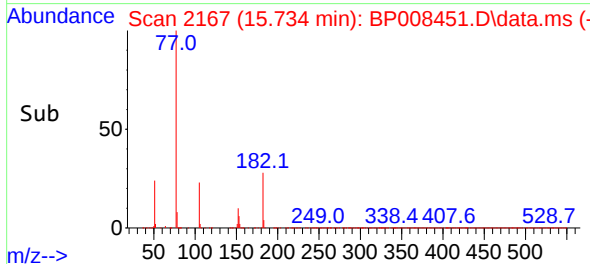
Instrument :
BNA_P
ClientSampleId :
PB141458BS



Tgt Ion: 77 Resp: 48961
Ion Ratio Lower Upper
77 100
182 23.5 3.8 43.8
105 19.0 0.5 40.5
51 32.6 10.0 50.0

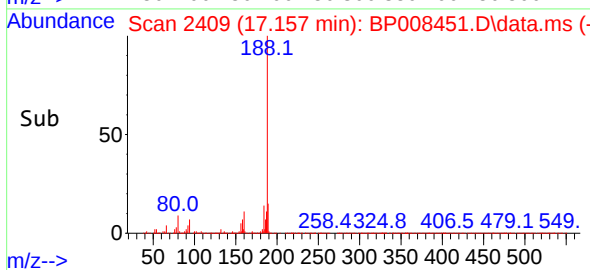
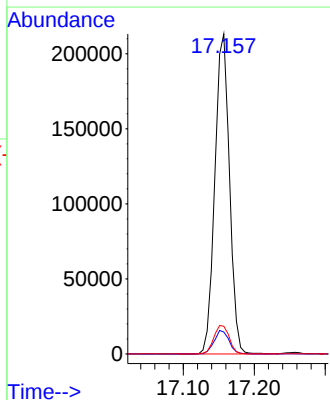
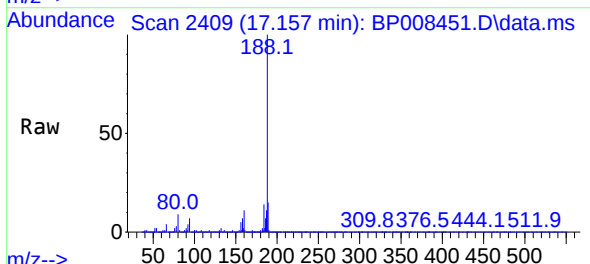
Manual Integrations
APPROVED

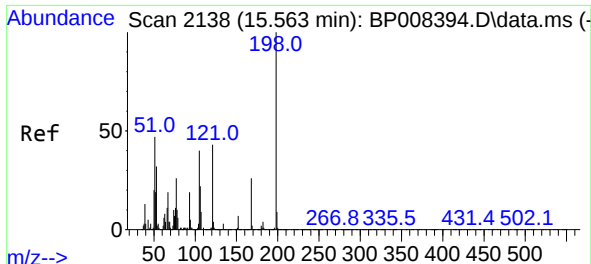
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion:188 Resp: 303452
Ion Ratio Lower Upper
188 100
94 6.9 7.2 10.8#
80 8.7 8.2 12.4





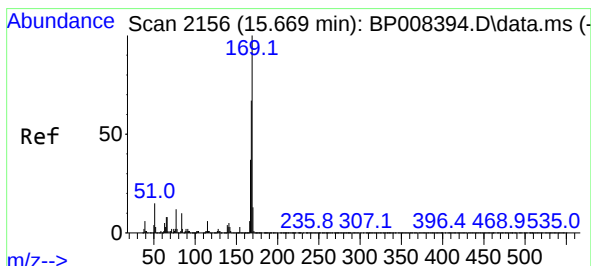
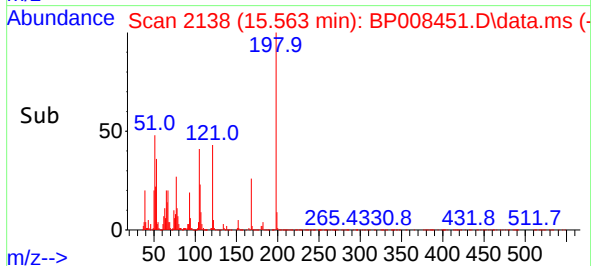
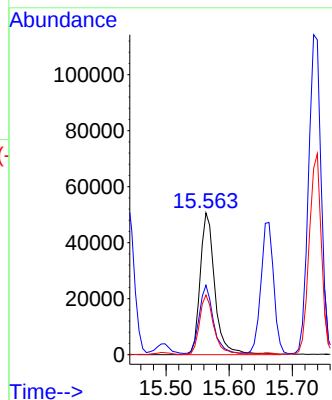
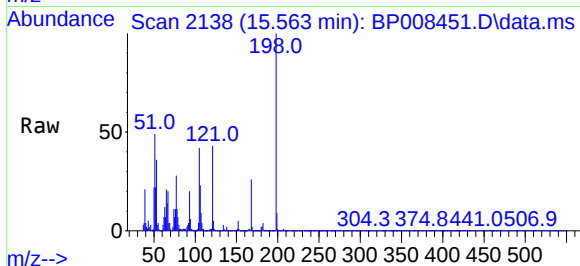
#65
4,6-Dinitro-2-methylphenol
Concen: 41.317 ng
RT: 15.563 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :
BNA_P
ClientSampleId :
PB141458BS

Tgt Ion:198 Resp: 8191
Ion Ratio Lower Upper
198 100
51 49.0 25.9 65.9
105 42.2 20.2 60.2

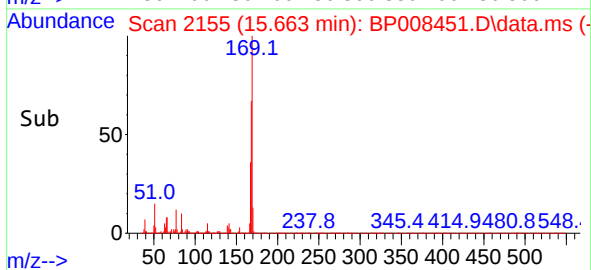
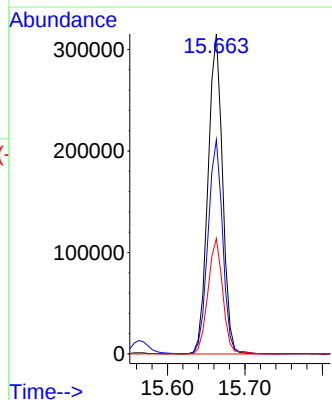
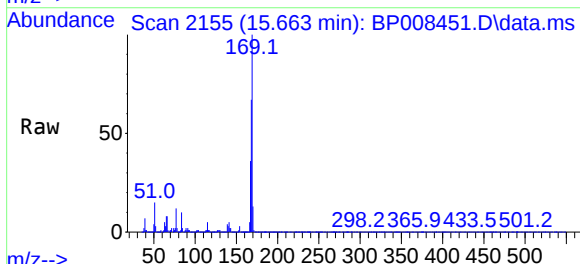
Manual Integrations
APPROVED

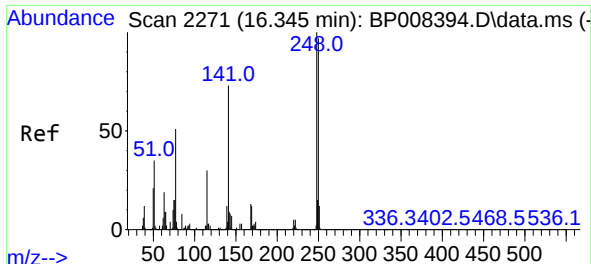
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#66
n-Nitrosodiphenylamine
Concen: 42.939 ng
RT: 15.663 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

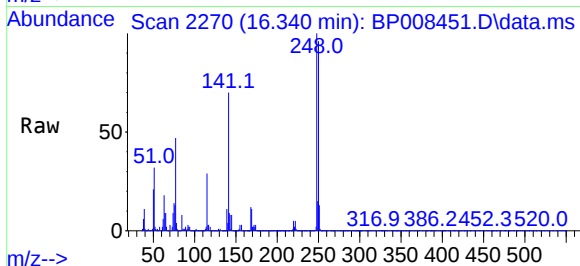
Tgt Ion:169 Resp: 410247
Ion Ratio Lower Upper
169 100
168 66.9 53.5 80.3
167 36.1 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 42.555 ng
RT: 16.340 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

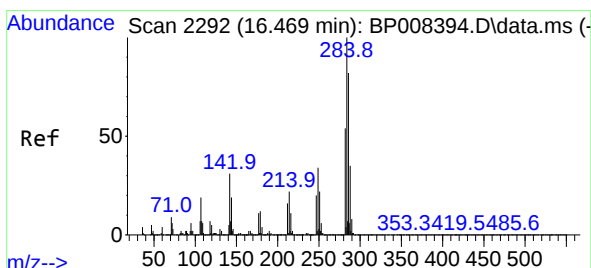
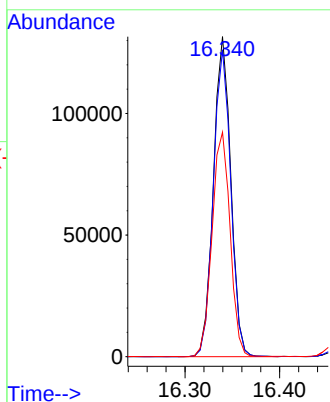
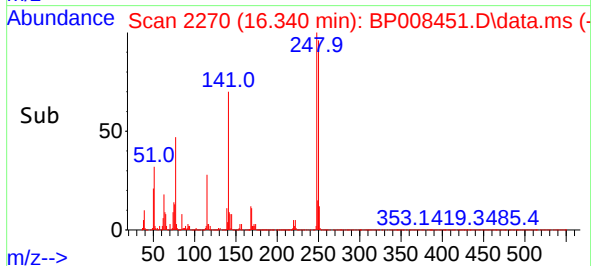
Instrument :
BNA_P
ClientSampleId :
PB141458BS



Tgt Ion:248 Resp: 168190
Ion Ratio Lower Upper
248 100
250 95.9 78.6 117.8
141 70.2 57.0 85.6

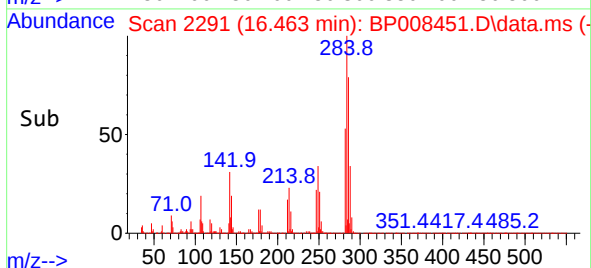
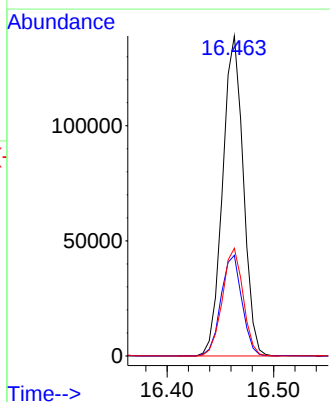
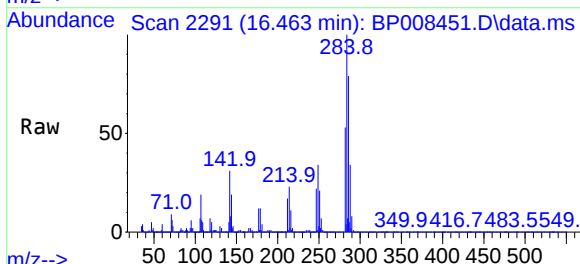
Manual Integrations
APPROVED

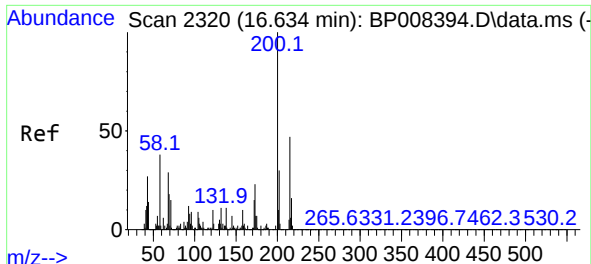
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#68
Hexachlorobenzene
Concen: 43.034 ng
RT: 16.463 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion:284 Resp: 187315
Ion Ratio Lower Upper
284 100
142 31.5 28.6 42.8
249 33.6 27.1 40.7





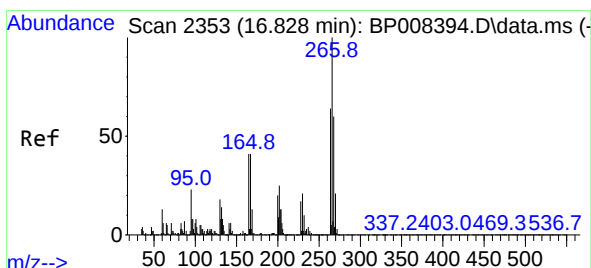
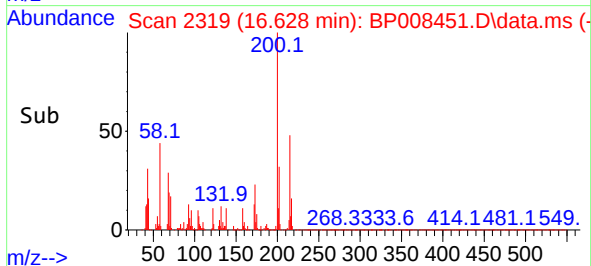
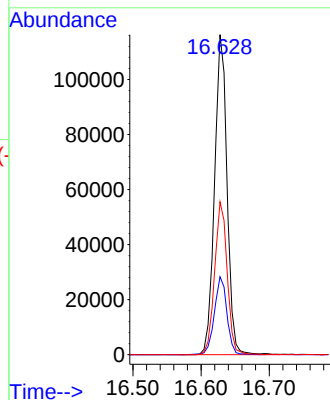
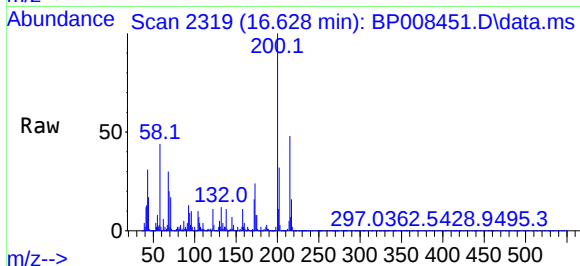
#69
Atrazine
Concen: 70.447 ng
RT: 16.628 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :
BNA_P
ClientSampleId :
PB141458BS

Tgt Ion:200 Resp: 148274
Ion Ratio Lower Upper
200 100
173 24.3 6.8 46.8
215 47.7 28.4 68.4

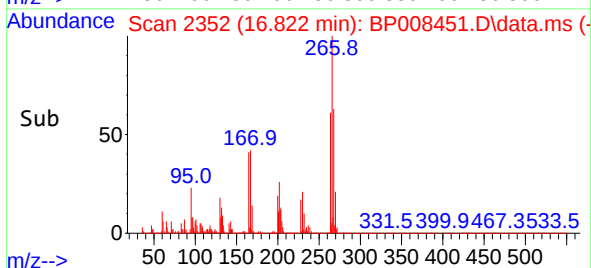
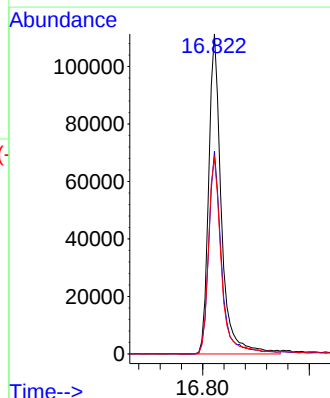
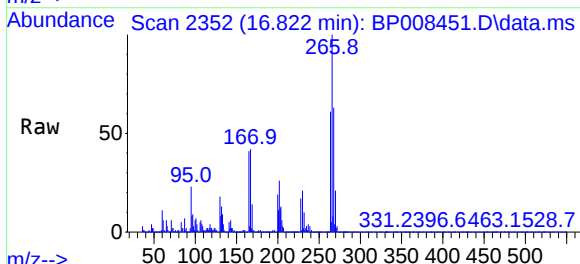
Manual Integrations
APPROVED

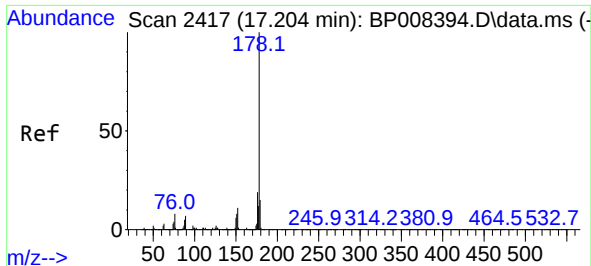
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#70
Pentachlorophenol
Concen: 94.598 ng
RT: 16.822 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion:266 Resp: 184020
Ion Ratio Lower Upper
266 100
268 63.3 50.1 75.1
264 61.4 49.5 74.3





#71
Phenanthrene
Concen: 42.376 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :

BNA_P

ClientSampleId :

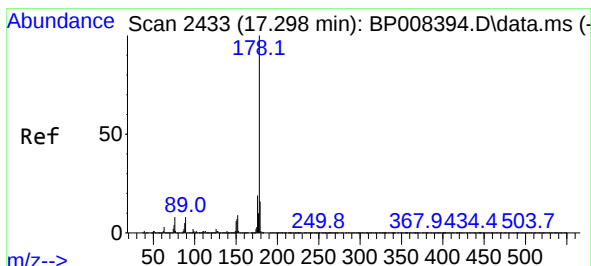
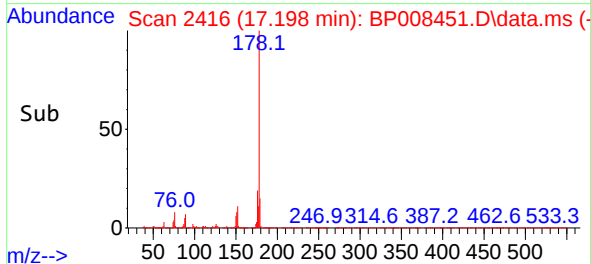
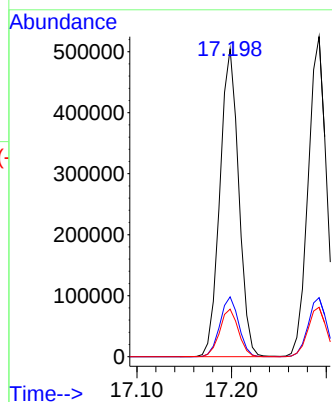
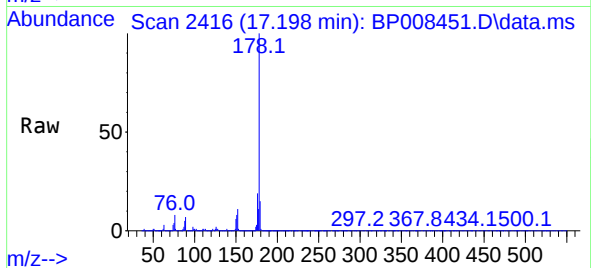
PB141458BS

Tgt Ion:178 Resp: 69656
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.5 12.5 18.7

Manual Integrations

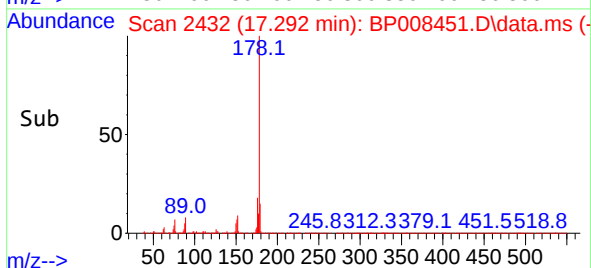
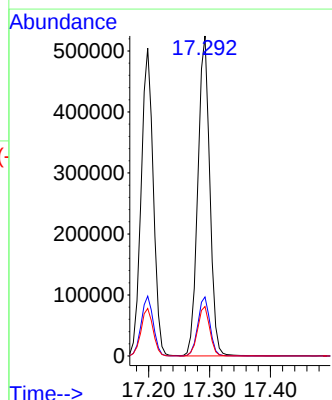
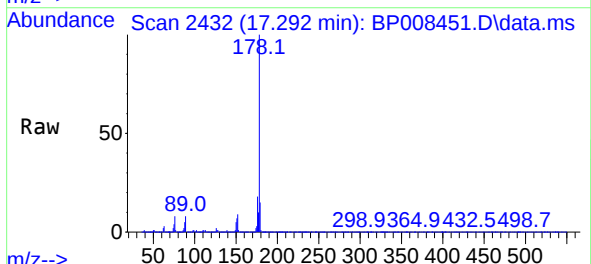
APPROVED

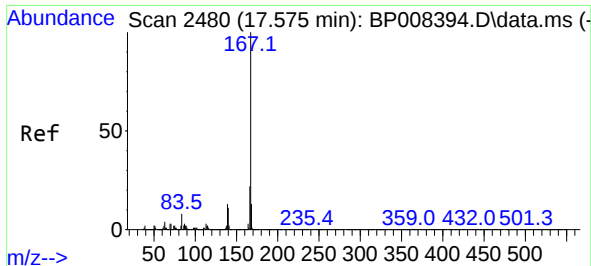
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#72
Anthracene
Concen: 43.905 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion:178 Resp: 712036
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.4 12.3 18.5





#73
 Carbazole
 Concen: 38.744 ng
 RT: 17.575 min Scan# 2480
 Delta R.T. 0.000 min
 Lab File: BP008451.D
 Acq: 16 Dec 2021 14:11

Instrument :

BNA_P

ClientSampleId :

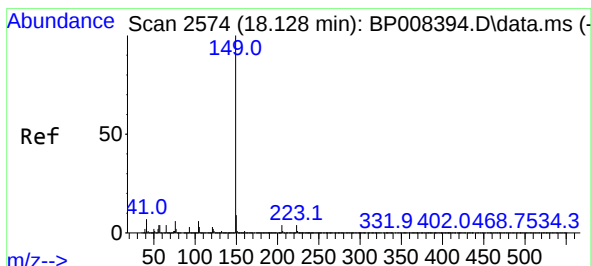
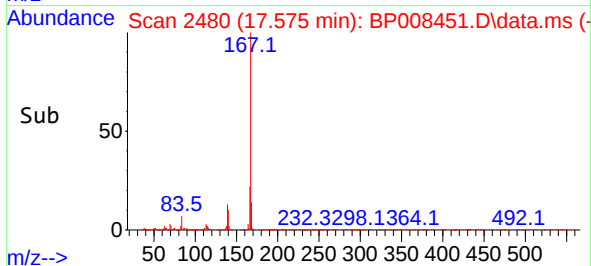
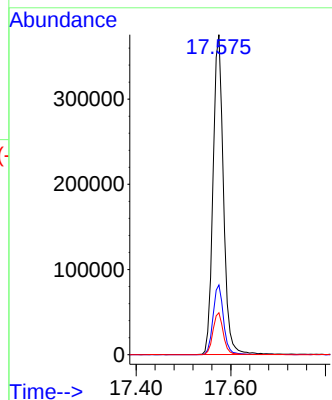
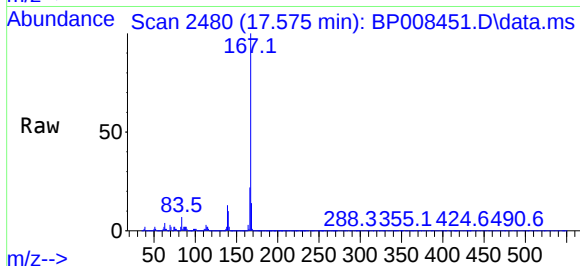
PB141458BS

Tgt Ion:167 Resp: 574989
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.1 10.2 15.2

Manual Integrations

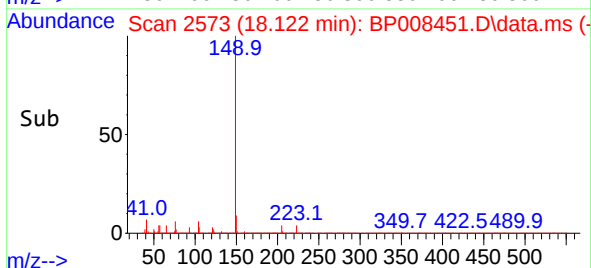
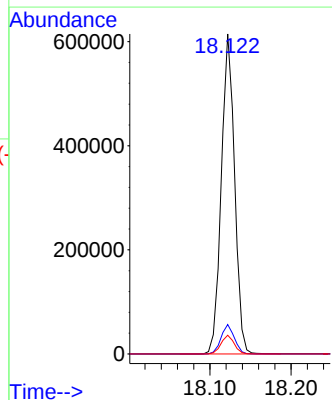
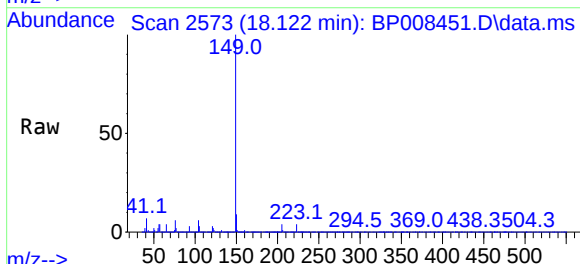
APPROVED

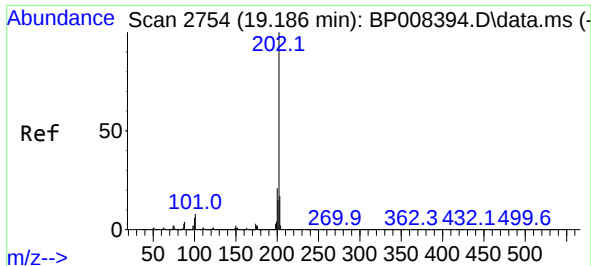
Reviewed By :Christian Giraldo 12/17/2021
 Supervised By :Jagrut Upadhyay 12/20/2021



#74
 Di-n-butylphthalate
 Concen: 41.155 ng
 RT: 18.122 min Scan# 2573
 Delta R.T. -0.006 min
 Lab File: BP008451.D
 Acq: 16 Dec 2021 14:11

Tgt Ion:149 Resp: 700734
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.9 4.4 6.6





#75
Fluoranthene
Concen: 40.397 ng
RT: 19.181 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :

BNA_P

ClientSampleId :

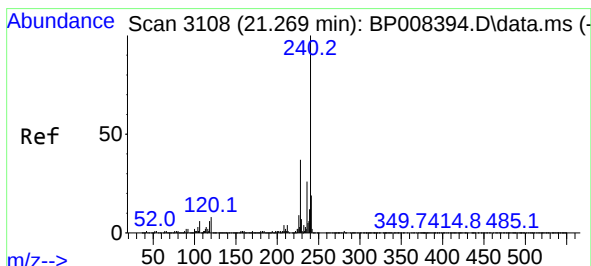
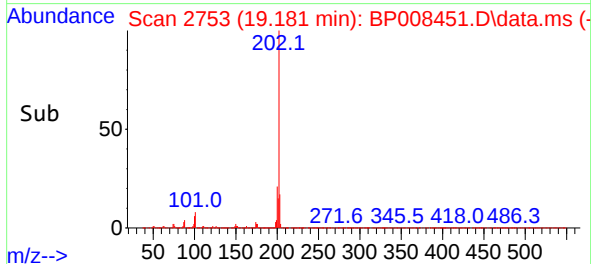
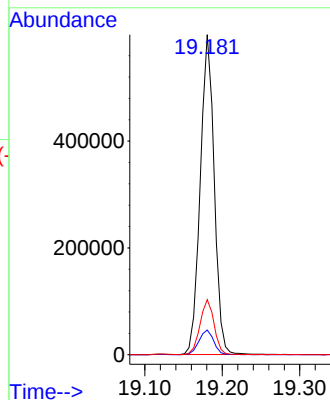
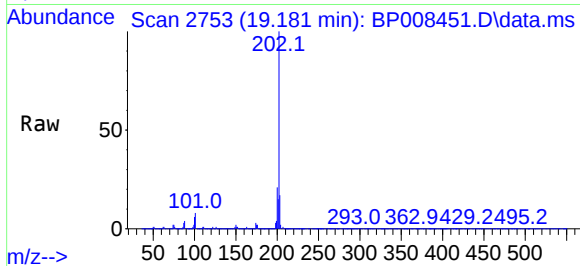
PB141458BS

Tgt Ion:202 Resp: 74970
Ion Ratio Lower Upper
202 100
101 7.7 0.0 29.8
203 17.2 0.0 37.7

Manual Integrations

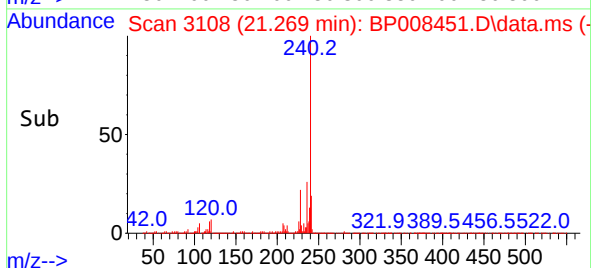
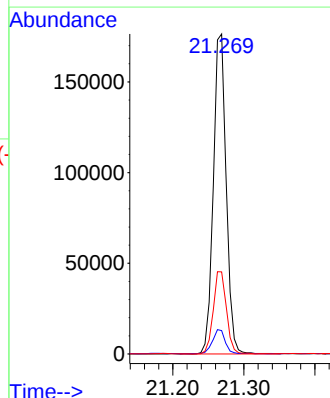
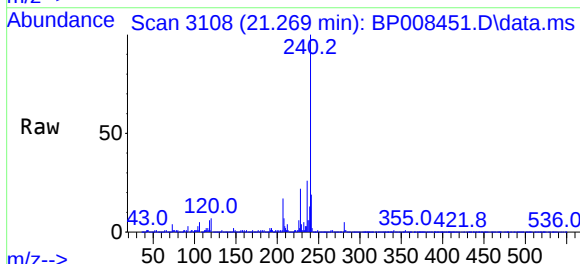
APPROVED

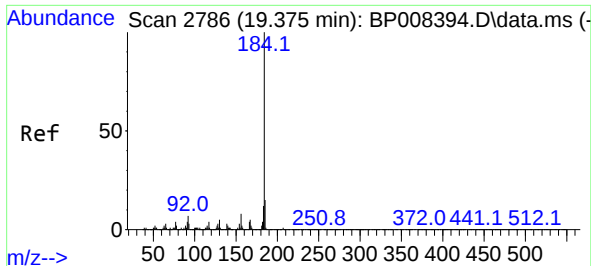
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

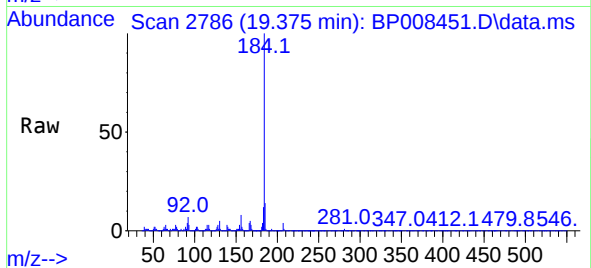
Tgt Ion:240 Resp: 221375
Ion Ratio Lower Upper
240 100
120 7.3 7.3 10.9
236 25.6 21.4 32.2





#77
Benzidine
Concen: 85.757 ng
RT: 19.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

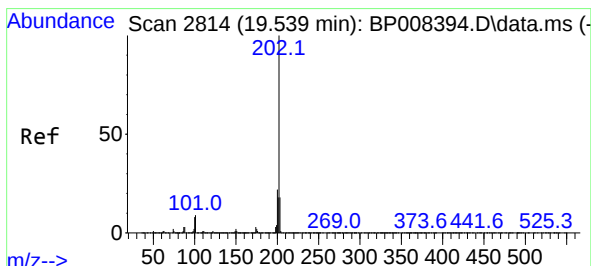
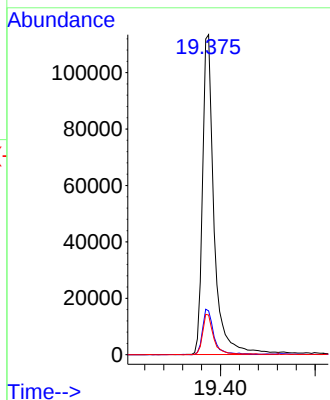
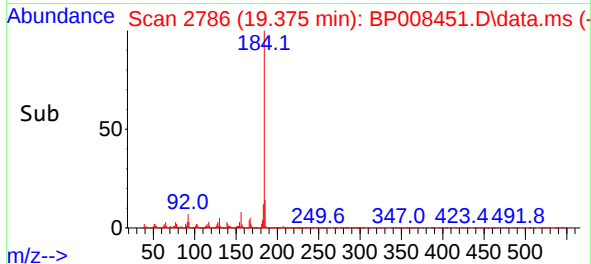
Instrument :
BNA_P
ClientSampleId :
PB141458BS



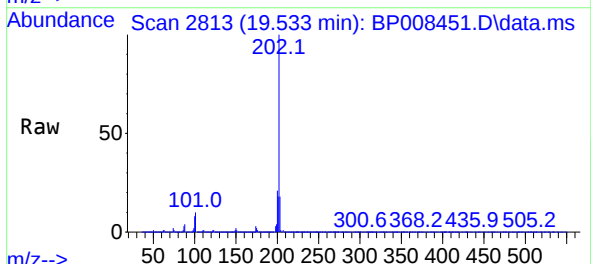
Tgt Ion:184 Resp: 192569
Ion Ratio Lower Upper
184 100
185 13.7 10.3 15.5
183 12.4 9.1 13.7

Manual Integrations
APPROVED

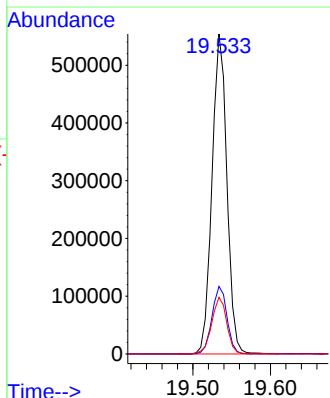
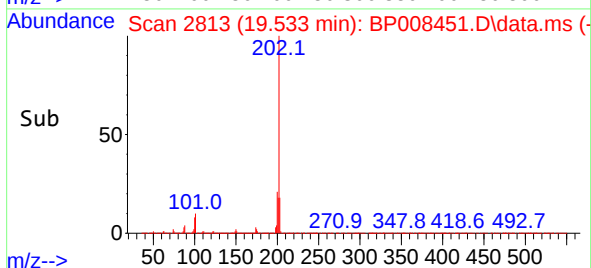
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021

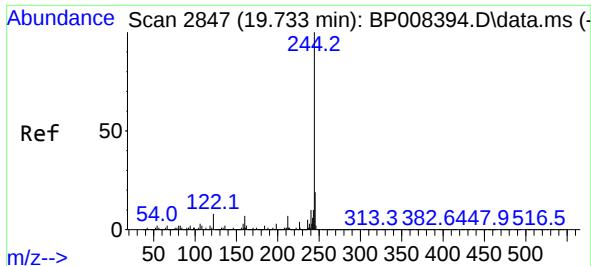


#78
Pyrene
Concen: 46.567 ng
RT: 19.533 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11



Tgt Ion:202 Resp: 737557
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.7 14.2 21.2





#79
Terphenyl-d14
Concen: 92.831 ng
RT: 19.733 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :

BNA_P

ClientSampleId :

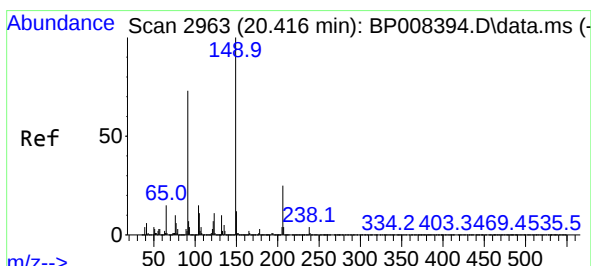
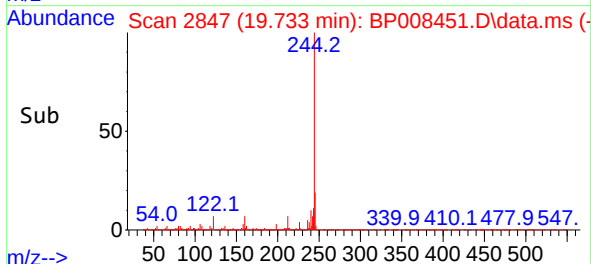
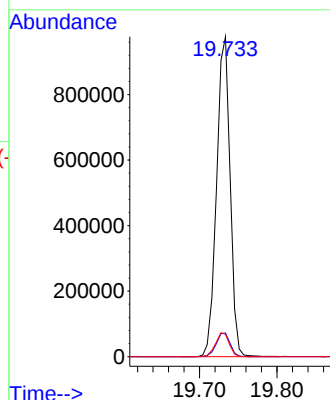
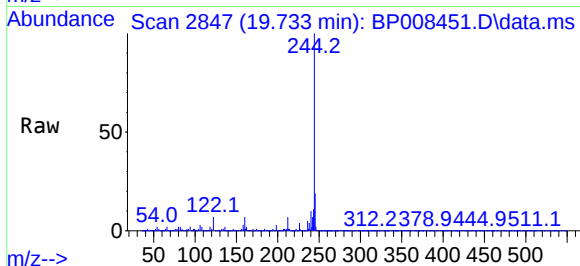
PB141458BS

Tgt Ion:244 Resp: 1180800
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 7.0 6.6 9.8

Manual Integrations

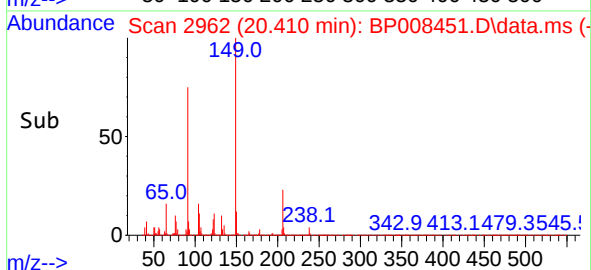
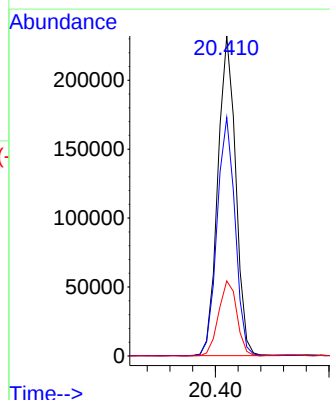
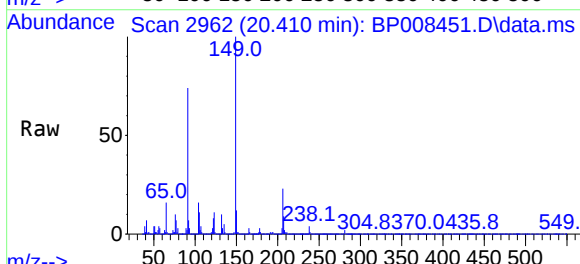
APPROVED

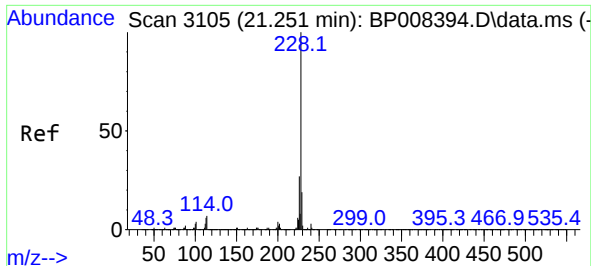
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#80
Butylbenzylphthalate
Concen: 44.099 ng
RT: 20.410 min Scan# 2962
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

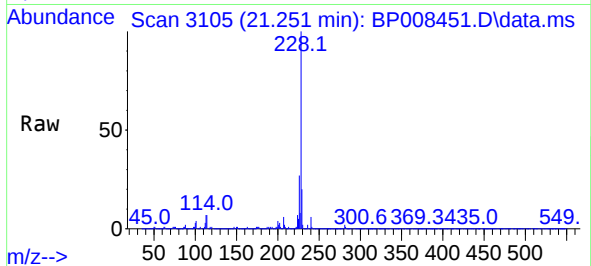
Tgt Ion:149 Resp: 254301
Ion Ratio Lower Upper
149 100
91 74.5 59.8 89.8
206 23.4 18.6 27.8





#81
Benzo(a)anthracene
Concen: 41.853 ng
RT: 21.251 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

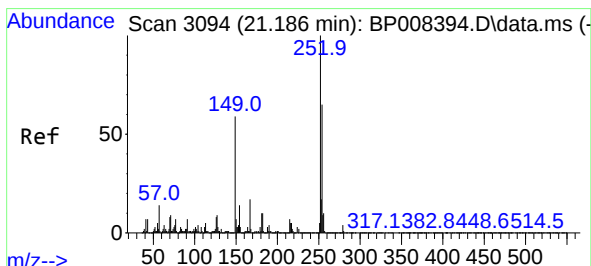
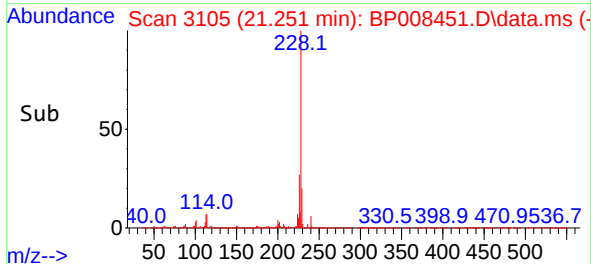
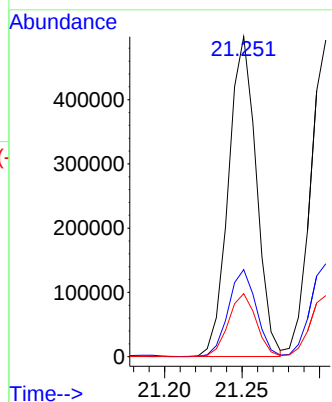
Instrument :
BNA_P
ClientSampleId :
PB141458BS



Tgt Ion:228 Resp: 620935
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.7 15.9 23.9

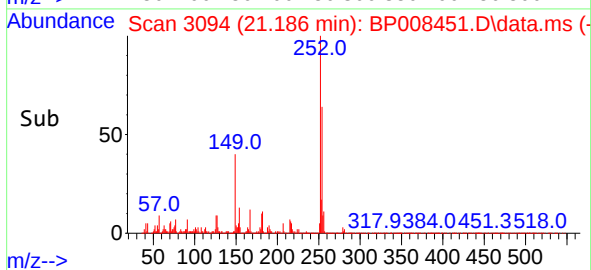
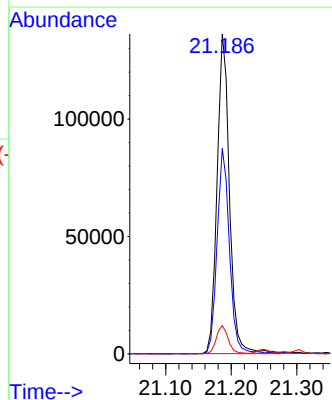
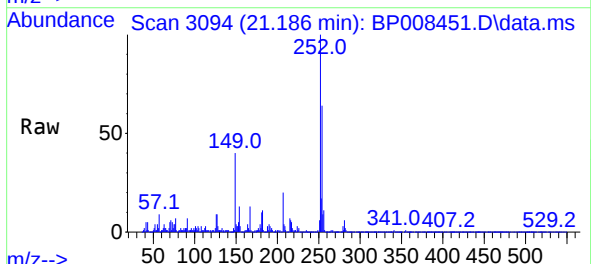
Manual Integrations
APPROVED

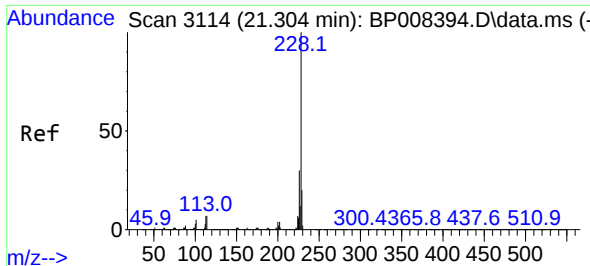
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#82
3,3'-Dichlorobenzidine
Concen: 26.022 ng
RT: 21.186 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

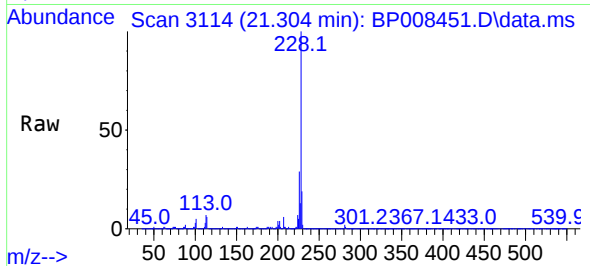
Tgt Ion:252 Resp: 177628
Ion Ratio Lower Upper
252 100
254 64.2 52.4 78.6
126 8.8 7.6 11.4





#83
Chrysene
Concen: 43.669 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

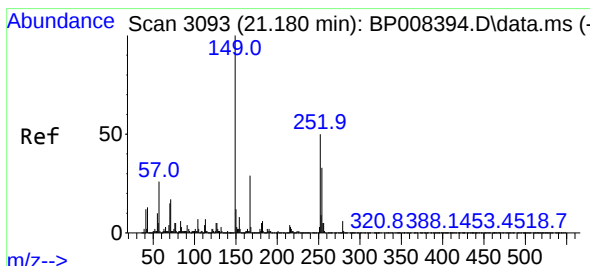
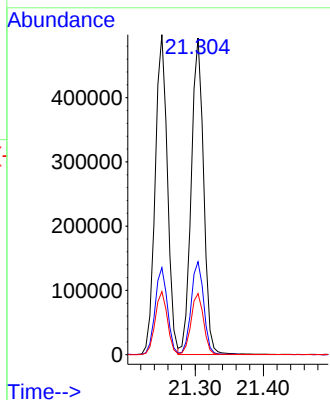
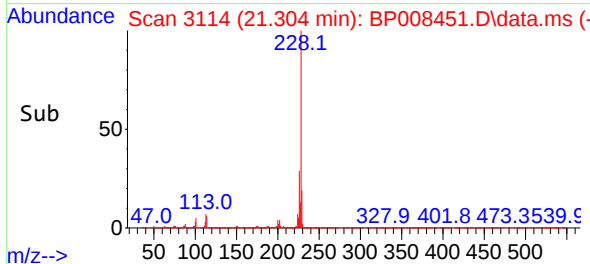
Instrument :
BNA_P
ClientSampleId :
PB141458BS



Tgt Ion:228 Resp: 618850
Ion Ratio Lower Upper
228 100
226 29.3 24.0 36.0
229 19.3 15.8 23.8

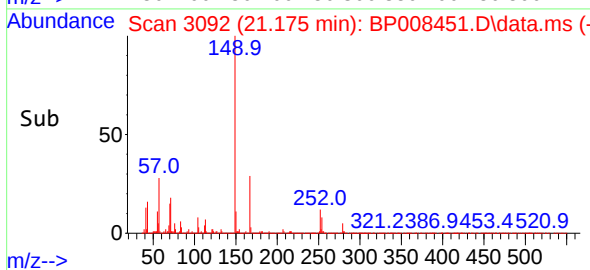
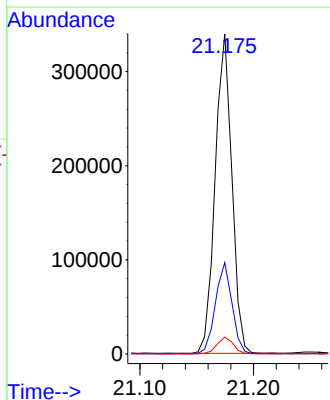
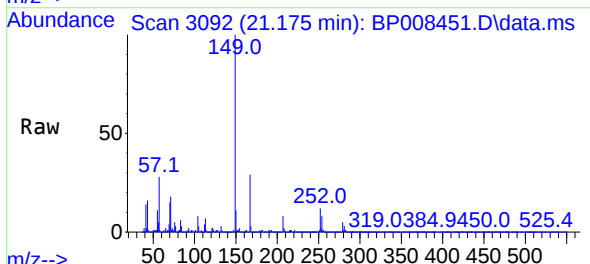
Manual Integrations
APPROVED

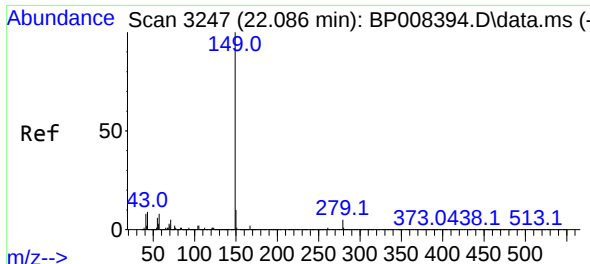
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.655 ng
RT: 21.175 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

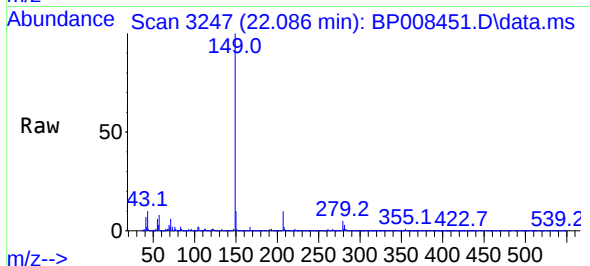
Tgt Ion:149 Resp: 346324
Ion Ratio Lower Upper
149 100
167 28.6 22.5 33.7
279 5.2 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 40.850 ng
RT: 22.086 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

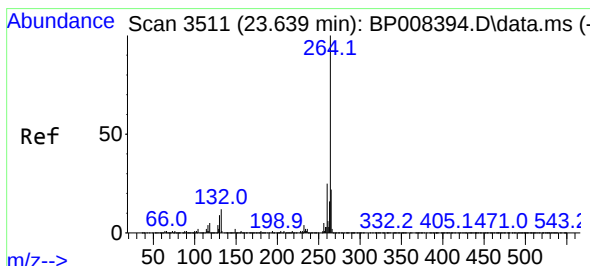
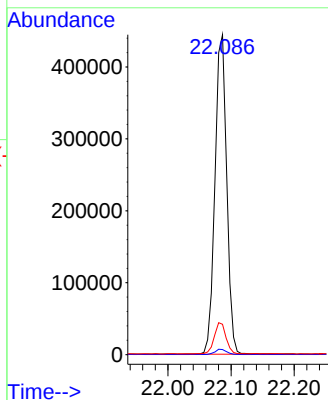
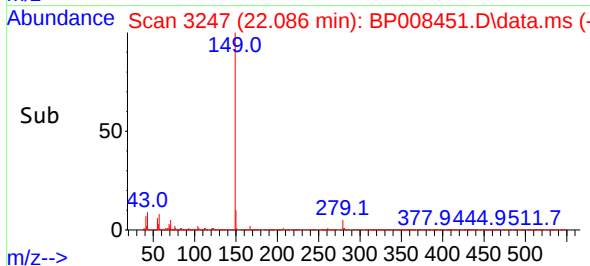
Instrument :
BNA_P
ClientSampleId :
PB141458BS



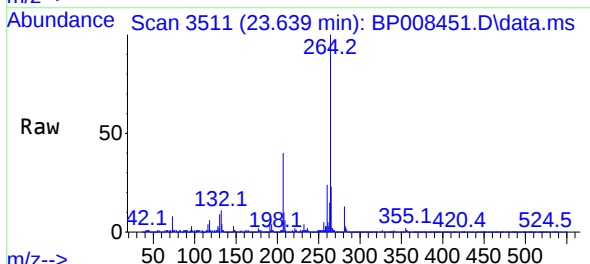
Tgt Ion:149 Resp: 572039
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.8 7.9 11.9

Manual Integrations
APPROVED

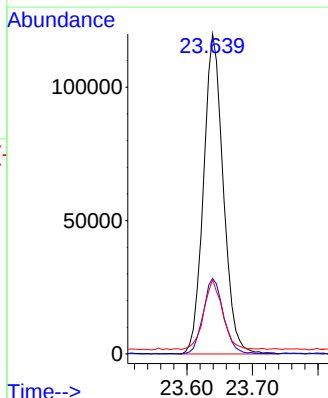
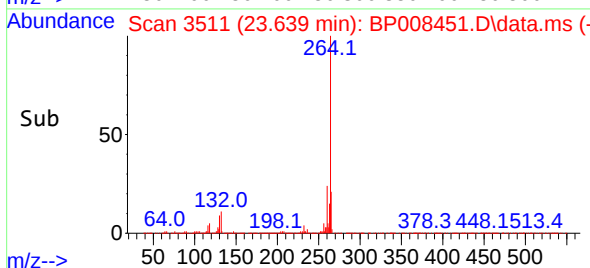
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021

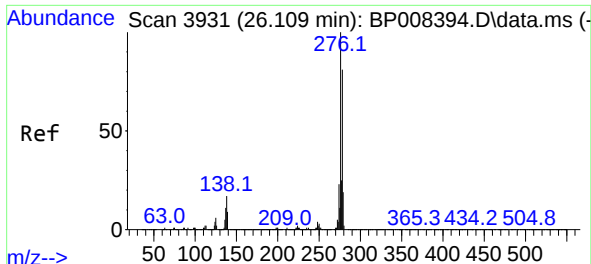


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.639 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11



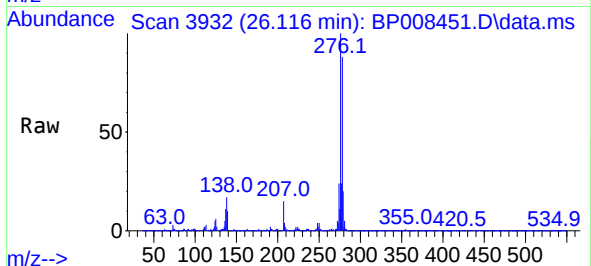
Tgt Ion:264 Resp: 251158
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 23.3 17.6 26.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.397 ng
 RT: 26.116 min Scan# 3931
 Delta R.T. 0.006 min
 Lab File: BP008451.D
 Acq: 16 Dec 2021 14:11

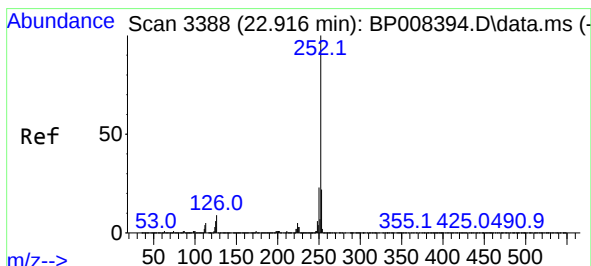
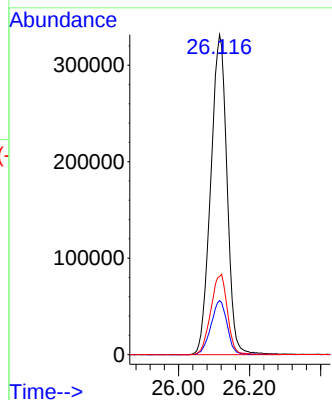
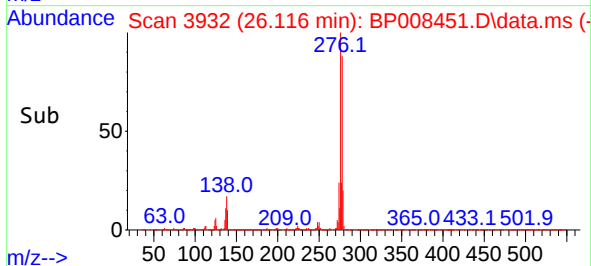
Instrument :
 BNA_P
 ClientSampleId :
 PB141458BS



Tgt Ion:276 Resp: 105566
 Ion Ratio Lower Upper
 276 100
 138 16.7 16.6 25.0
 277 25.5 20.2 30.2

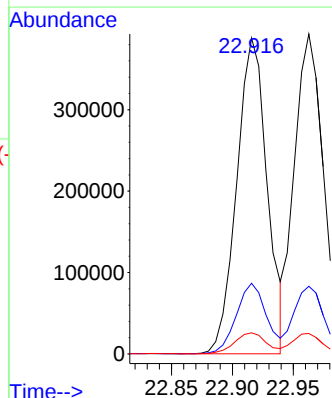
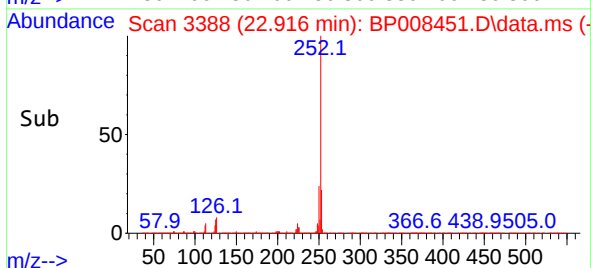
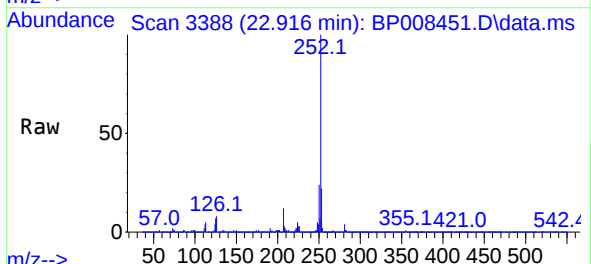
Manual Integrations
 APPROVED

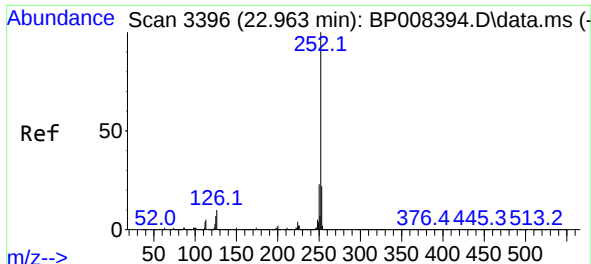
Reviewed By :Christian Giraldo 12/17/2021
 Supervised By :Jagrut Upadhyay 12/20/2021



#88
 Benzo(b)fluoranthene
 Concen: 44.619 ng
 RT: 22.916 min Scan# 3388
 Delta R.T. 0.000 min
 Lab File: BP008451.D
 Acq: 16 Dec 2021 14:11

Tgt Ion:252 Resp: 674112
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.7 26.5
 125 6.7 6.2 9.4





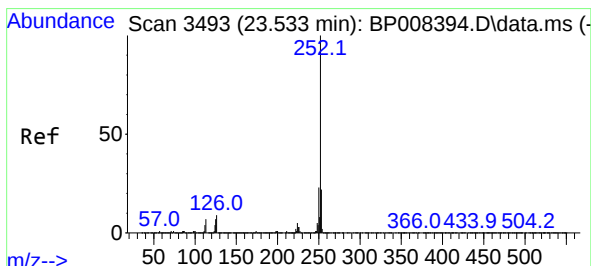
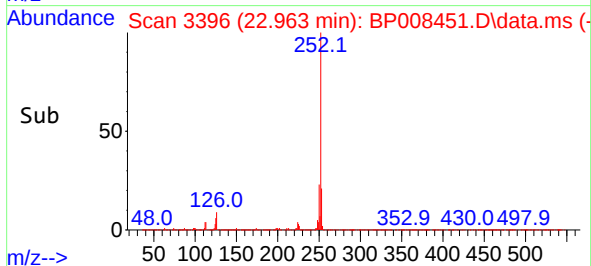
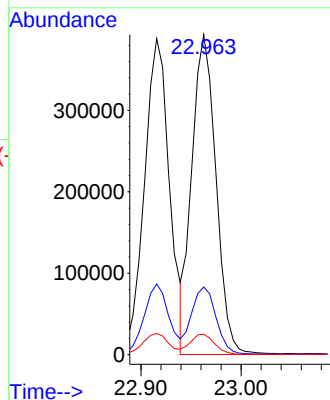
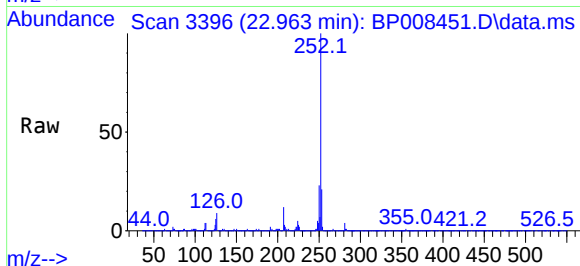
#89
Benzo(k)fluoranthene
Concen: 43.217 ng m
RT: 22.963 min Scan# 3396
Delta R.T. 0.000 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :
BNA_P
ClientSampleId :
PB141458BS

Tgt Ion:252 Resp: 65844
Ion Ratio Lower Upper
252 100
253 21.1 17.3 25.9
125 6.4 6.5 9.7

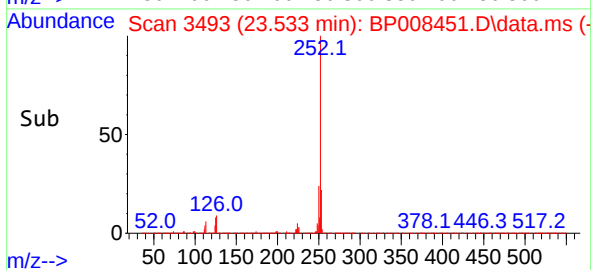
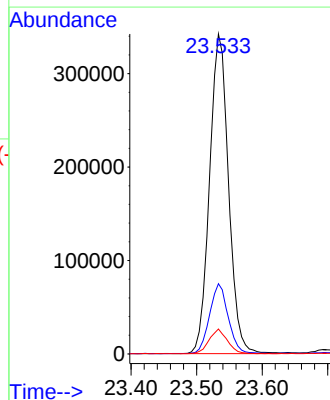
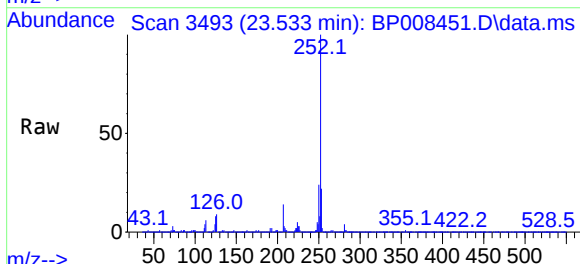
Manual Integrations
APPROVED

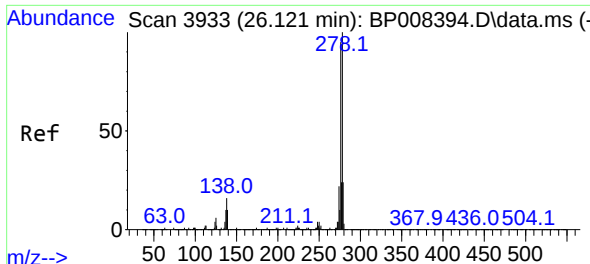
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#90
Benzo(a)pyrene
Concen: 52.525 ng
RT: 23.533 min Scan# 3493
Delta R.T. 0.000 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion:252 Resp: 688773
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.8 7.4 11.0





#91
Dibenzo(a,h)anthracene
Concen: 54.365 ng
RT: 26.121 min Scan# 3933
Delta R.T. 0.000 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Instrument :

BNA_P

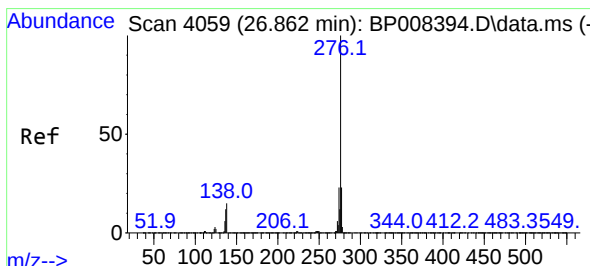
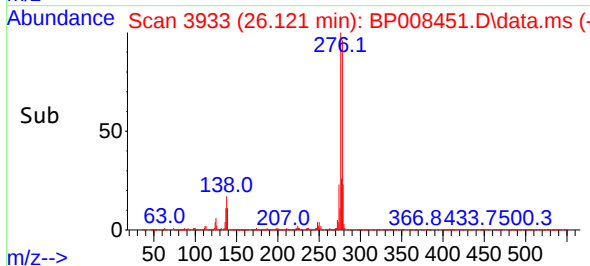
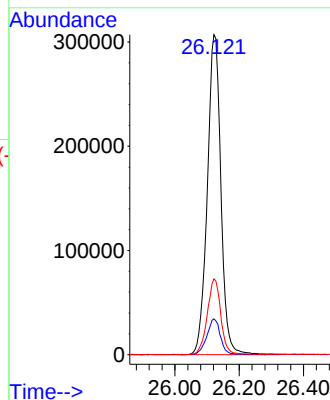
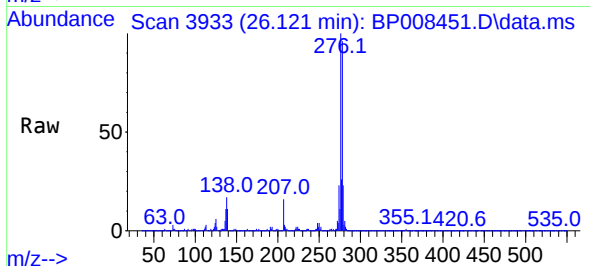
ClientSampleId :

PB141458BS

Tgt Ion:278 Resp: 899734
Ion Ratio Lower Upper
278 100
139 11.2 10.8 16.2
279 23.7 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#92
Benzo(g,h,i)perylene
Concen: 56.366 ng
RT: 26.868 min Scan# 4060
Delta R.T. 0.006 min
Lab File: BP008451.D
Acq: 16 Dec 2021 14:11

Tgt Ion:276 Resp: 923758
Ion Ratio Lower Upper
276 100
277 23.0 20.0 30.0
138 15.0 14.1 21.1

