

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
 Data File : BP008490.D
 Acq On : 18 Dec 2021 15:40
 Operator : CG/JU
 Sample : PB141409BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141409BS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021

Quant Time: Dec 20 00:50:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 18 06:49:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	74588	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	299376	20.000	ng	0.00
39) Acenaphthene-d10	14.375	164	207523	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	429248	20.000	ng	0.00
76) Chrysene-d12	21.257	240	409546	20.000	ng	0.00
86) Perylene-d12	23.621	264	349766	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	576430	122.046	ng	0.00
7) Phenol-d6	6.928	99	766782	120.880	ng	0.00
23) Nitrobenzene-d5	8.893	82	519869	73.567	ng	0.00
42) 2,4,6-Tribromophenol	15.887	330	361003	118.373	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	1152052	70.570	ng	0.00
79) Terphenyl-d14	19.722	244	1888577	80.256	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	59368	32.157	ng	98
3) Pyridine	3.634	79	145994	25.642	ng	98
4) n-Nitrosodimethylamine	3.540	42	101330	45.097	ng	100
6) Aniline	7.058	93	326718	44.499	ng	96
8) 2-Chlorophenol	7.299	128	217377	45.157	ng	99
9) Benzaldehyde	6.875	77	122131	33.874	ng	99
10) Phenol	6.952	94	302200	46.914	ng	96
11) bis(2-Chloroethyl)ether	7.158	93	219196	40.788	ng	98
12) 1,3-Dichlorobenzene	7.610	146	220702	39.646	ng	99
13) 1,4-Dichlorobenzene	7.758	146	226318	39.948	ng	98
14) 1,2-Dichlorobenzene	8.069	146	218330	39.750	ng	97
15) Benzyl Alcohol	7.981	79	233478m	45.757	ng	
16) 2,2'-oxybis(1-Chloropr...	8.258	45	328988	43.270	ng	98
17) 2-Methylphenol	8.193	107	196728	46.166	ng	97
18) Hexachloroethane	8.787	117	87568	41.665	ng	97
19) n-Nitroso-di-n-propyla...	8.540	70	193955	41.223	ng	99
20) 3+4-Methylphenols	8.528	107	267387	45.558	ng	96
22) Acetophenone	8.557	105	344063	39.079	ng	# 98
24) Nitrobenzene	8.934	77	277714	41.871	ng	99
25) Isophorone	9.463	82	496566	41.994	ng	98
26) 2-Nitrophenol	9.646	139	120920	41.254	ng	# 95
27) 2,4-Dimethylphenol	9.722	122	210825	50.157	ng	99
28) bis(2-Chloroethoxy)met...	9.940	93	302226	41.346	ng	98
29) 2,4-Dichlorophenol	10.199	162	224797	43.520	ng	97
30) 1,2,4-Trichlorobenzene	10.387	180	236992	38.703	ng	96
31) Naphthalene	10.569	128	639130	40.711	ng	100
32) Benzoic acid	9.957	122	135100	43.844	ng	98
33) 4-Chloroaniline	10.699	127	195966	31.160	ng	96
34) Hexachlorobutadiene	10.846	225	168589	37.664	ng	98
35) Caprolactam	11.534	113	69592m	71.148	ng	
36) 4-Chloro-3-methylphenol	11.851	107	261797	45.359	ng	94
37) 2-Methylnaphthalene	12.187	142	482945	44.633	ng	98
38) 1-Methylnaphthalene	12.410	142	446059	42.343	ng	100
40) 1,2,4,5-Tetrachloroben...	12.563	216	290734	36.670	ng	100
41) Hexachlorocyclopentadiene	12.534	237	180980	82.214	ng	99

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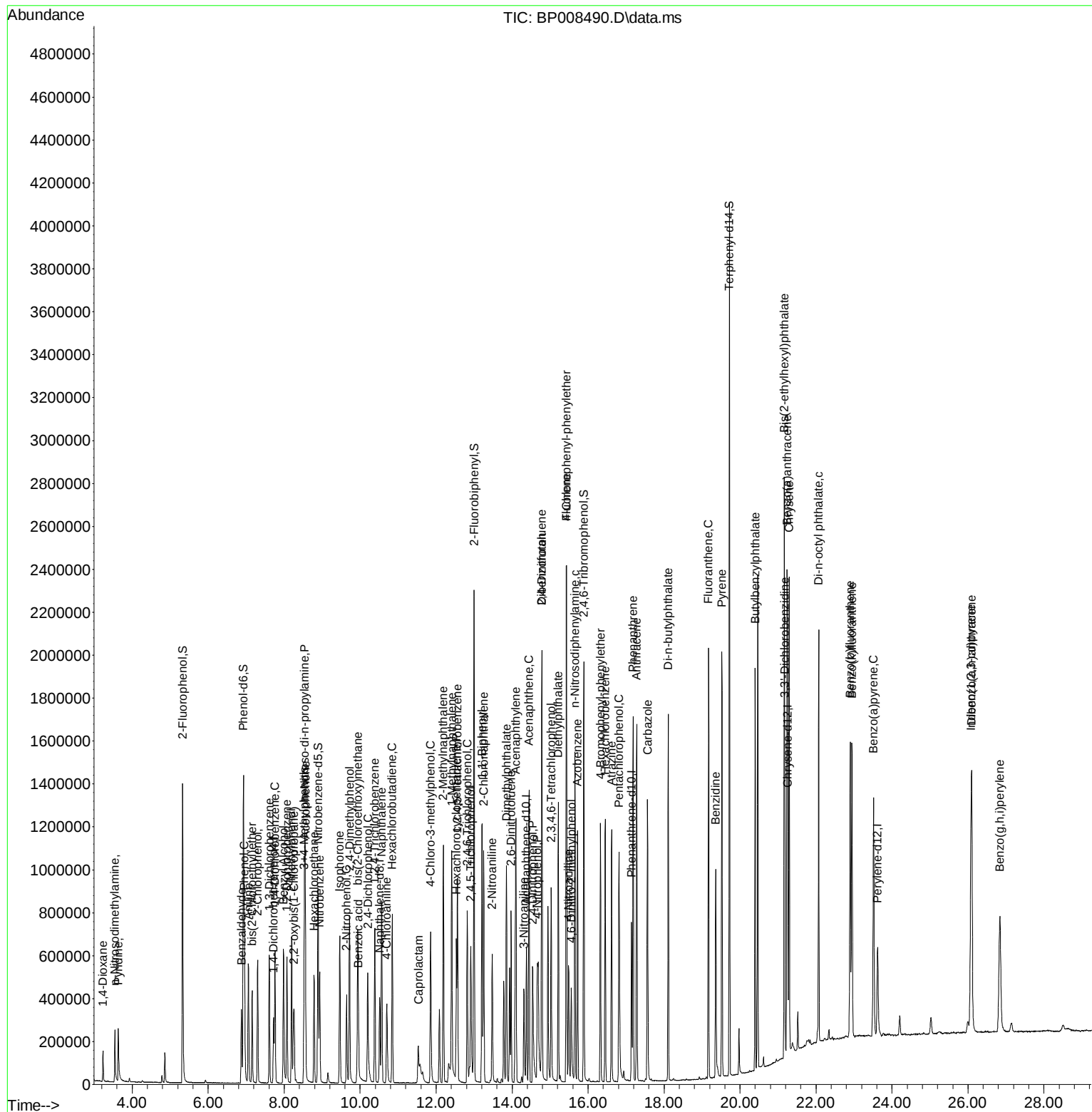
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.822	196	196042	39.357	ng	96
44) 2,4,5-Trichlorophenol	12.910	196	208378	40.110	ng	99
46) 1,1'-Biphenyl	13.210	154	624233	38.933	ng	98
47) 2-Chloronaphthalene	13.251	162	500787	39.160	ng	99
48) 2-Nitroaniline	13.475	65	185500	43.128	ng	99
49) Acenaphthylene	14.098	152	778823	41.428	ng	99
50) Dimethylphthalate	13.851	163	668140	42.523	ng	100
51) 2,6-Dinitrotoluene	13.975	165	146657	44.712	ng	98
52) Acenaphthene	14.445	154	461770	41.296	ng	99
53) 3-Nitroaniline	14.316	138	100822	32.627	ng	97
54) 2,4-Dinitrophenol	14.545	184	164623	96.145	ng	94
55) Dibenzofuran	14.781	168	770326	40.494	ng	97
56) 4-Nitrophenol	14.663	139	171139	95.407	ng	85
57) 2,4-Dinitrotoluene	14.781	165	204710	46.714	ng	# 83
58) Fluorene	15.434	166	626162	42.459	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.028	232	186288m	41.980	ng	
60) Diethylphthalate	15.216	149	670633	44.974	ng	99
61) 4-Chlorophenyl-phenyle...	15.428	204	344928	40.935	ng	99
62) 4-Nitroaniline	15.487	138	123477	44.377	ng	90
63) Azobenzene	15.722	77	663752	43.908	ng	97
65) 4,6-Dinitro-2-methylph...	15.557	198	113459	40.455	ng	95
66) n-Nitrosodiphenylamine	15.651	169	546846	40.463	ng	100
67) 4-Bromophenyl-phenylether	16.328	248	222786	39.848	ng	99
68) Hexachlorobenzene	16.451	284	249362	40.499	ng	94
69) Atrazine	16.622	200	224040	75.250	ng	97
70) Pentachlorophenol	16.810	266	243086	88.340	ng	99
71) Phenanthrene	17.186	178	970428	41.735	ng	100
72) Anthracene	17.281	178	998063	43.506	ng	99
73) Carbazole	17.563	167	856685	40.808	ng	99
74) Di-n-butylphthalate	18.110	149	1129957	46.915	ng	99
75) Fluoranthene	19.169	202	1170178	44.576	ng	99
77) Benzidine	19.357	184	589281	141.851	ng	98
78) Pyrene	19.522	202	1182741	40.365	ng	100
80) Butylbenzylphthalate	20.398	149	494747	46.376	ng	98
81) Benzo(a)anthracene	21.239	228	1117112	40.701	ng	99
82) 3,3'-Dichlorobenzidine	21.174	252	352010	27.874	ng	98
83) Chrysene	21.292	228	1092230	41.661	ng	100
84) Bis(2-ethylhexyl)phtha...	21.163	149	743080	49.470	ng	# 99
85) Di-n-octyl phthalate	22.069	149	1234485	47.652	ng	99
87) Indeno(1,2,3-cd)pyrene	26.086	276	987017	35.850	ng	97
88) Benzo(b)fluoranthene	22.898	252	1013957	48.192	ng	99
89) Benzo(k)fluoranthene	22.945	252	992139	46.760	ng	99
90) Benzo(a)pyrene	23.516	252	931304	50.998	ng	98
91) Dibenzo(a,h)anthracene	26.092	278	843696	36.607	ng	98
92) Benzo(g,h,i)perylene	26.839	276	815478	35.731	ng	97

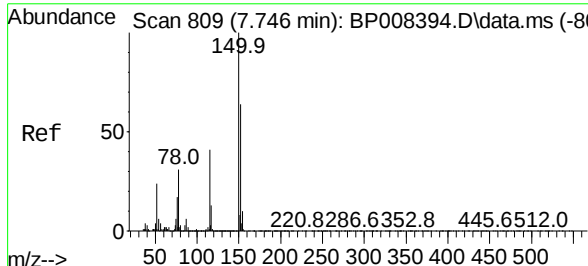
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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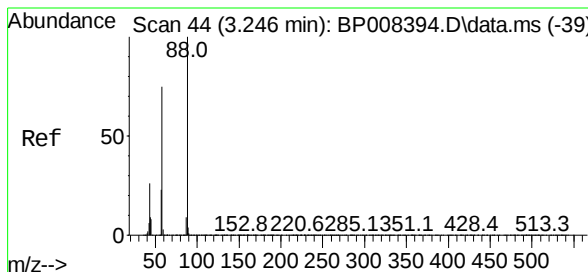
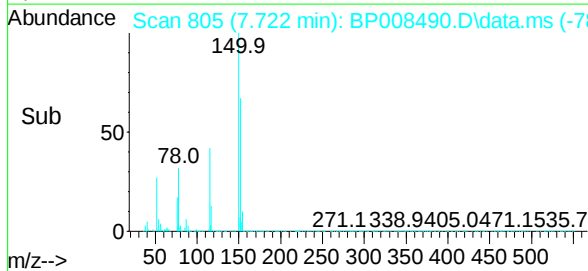
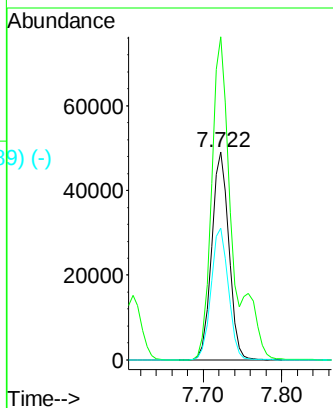
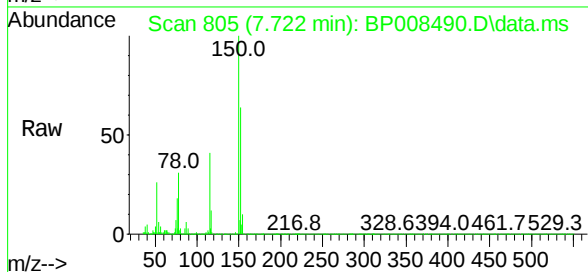
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 809
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

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Tgt Ion:	152	Resp:	7458
Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.7	188.5
115	63.3	50.7	76.1

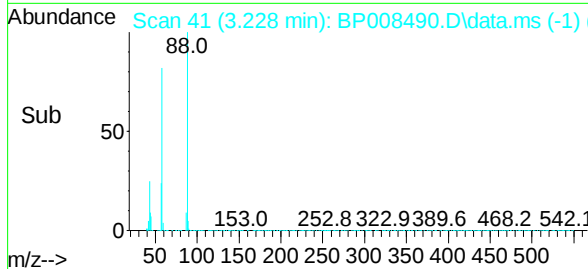
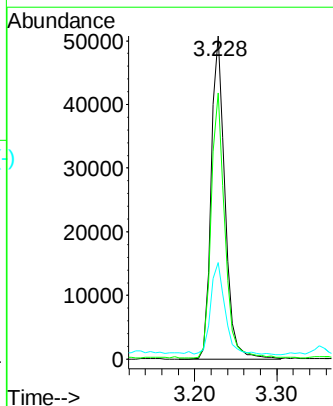
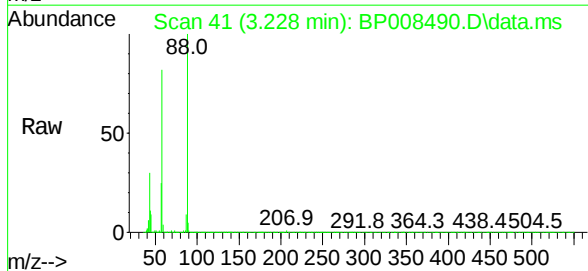
Manual Integrations
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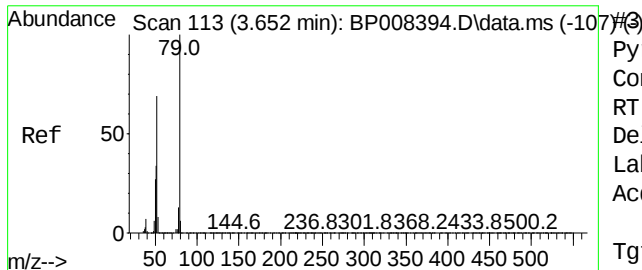
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1,4-Dioxane
 Concen: 32.157 ng
 RT: 3.228 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Tgt Ion:	88	Resp:	59368
Ion	Ratio	Lower	Upper
88	100		
58	81.4	63.5	95.3
43	30.3	23.4	35.2





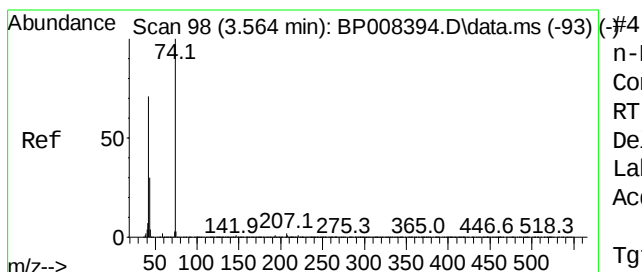
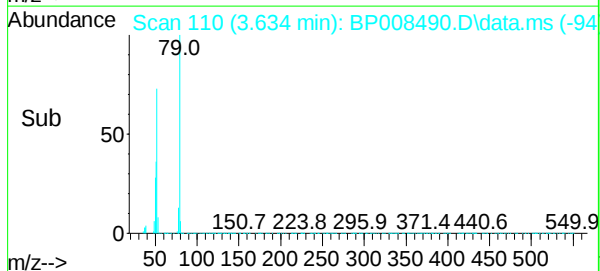
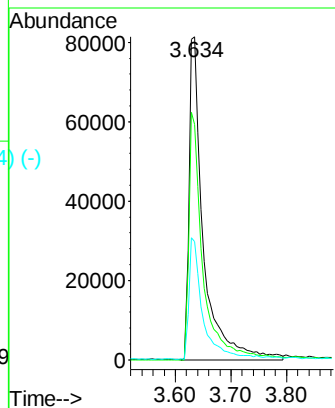
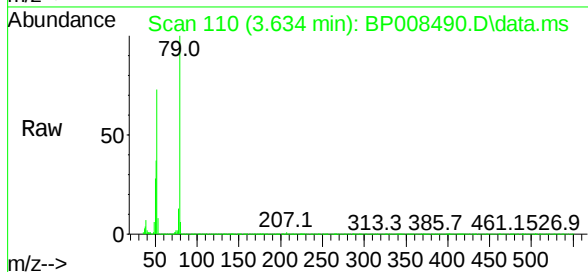
Pyridine
Concen: 25.642 ng
RT: 3.634 min Scan# 113
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

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Tgt Ion: 79 Resp: 14599
Ion Ratio Lower Upper
79 100
52 72.9 60.0 90.0
51 36.5 29.6 44.4

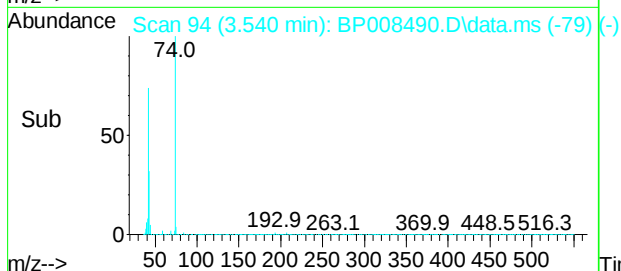
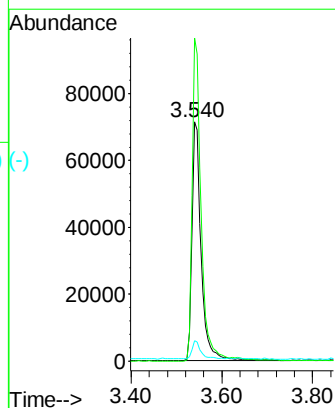
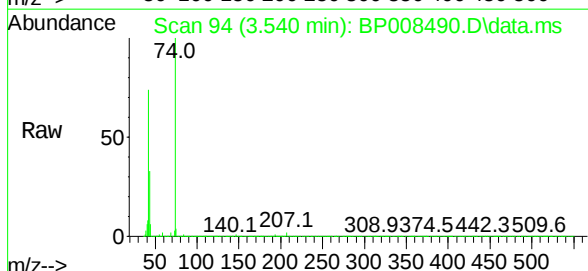
Manual Integrations
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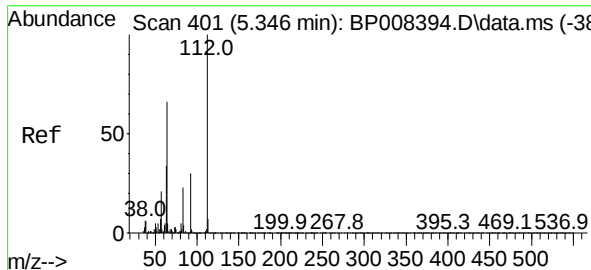
Reviewed By :Christian Giraldo 12/20/2021
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n-Nitrosodimethylamine
Concen: 45.097 ng
RT: 3.540 min Scan# 94
Delta R.T. -0.012 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion: 42 Resp: 101330
Ion Ratio Lower Upper
42 100
74 135.0 108.0 162.0
44 8.5 5.8 8.6





2-Fluorophenol

Concen: 122.046 ng

RT: 5.328 min Scan# 398

Delta R.T. 0.000 min

Lab File: BP008490.D

Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

PB141409BS

Tgt Ion:112 Resp: 57643

Ion Ratio Lower Upper

112 100

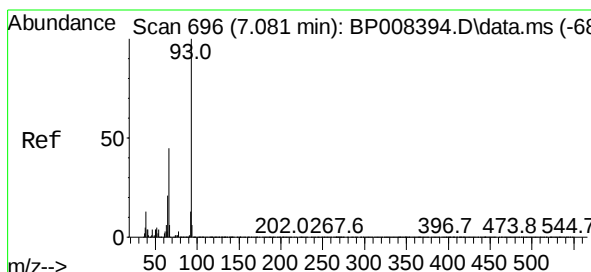
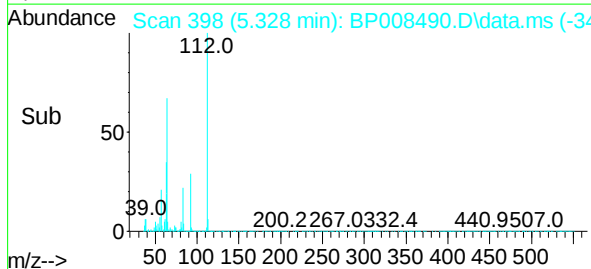
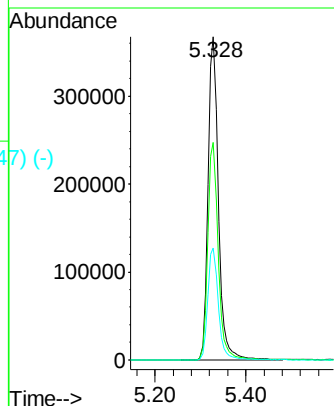
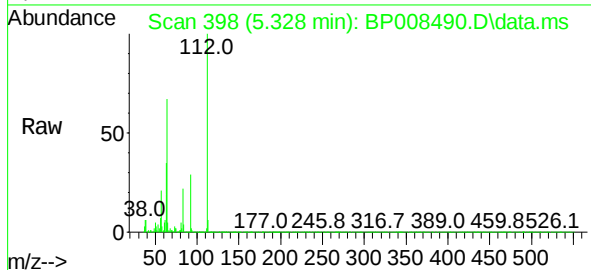
64 67.3 53.4 80.2

63 34.6 27.8 41.8

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Aniline

Concen: 44.499 ng

RT: 7.058 min Scan# 692

Delta R.T. -0.006 min

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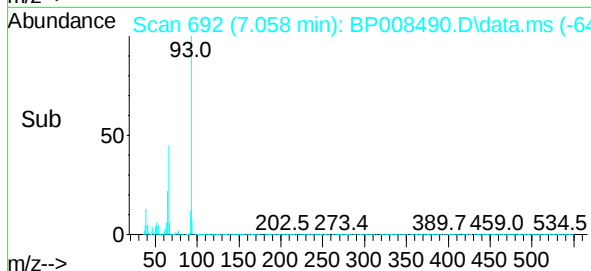
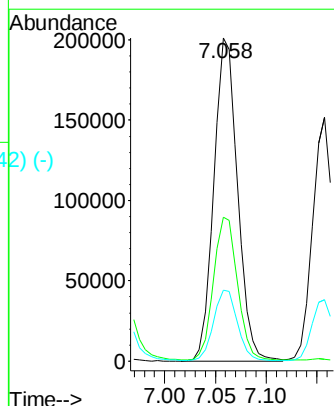
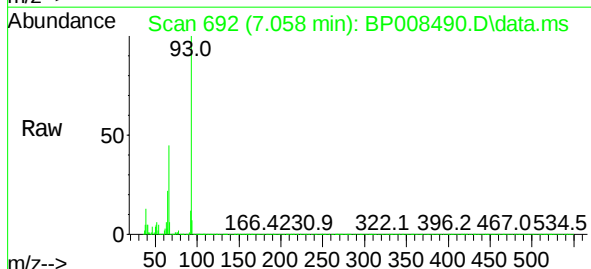
Tgt Ion: 93 Resp: 326718

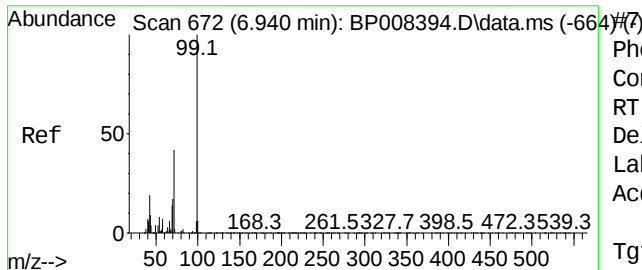
Ion Ratio Lower Upper

93 100

66 44.6 32.9 49.3

65 21.9 17.5 26.3





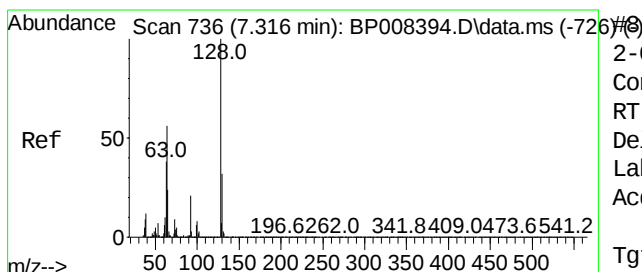
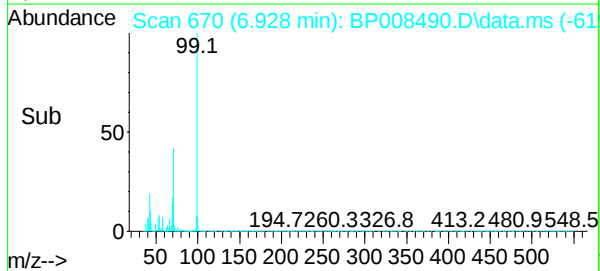
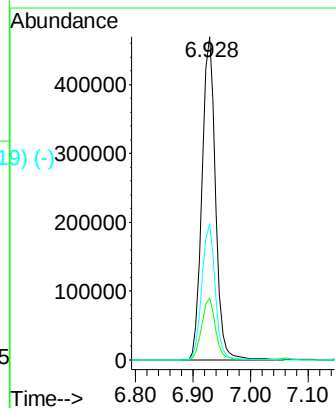
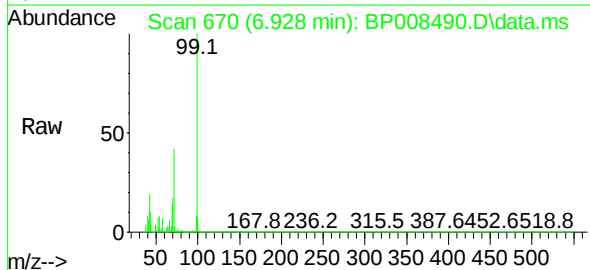
Phenol-d6
Concen: 120.880 ng
RT: 6.928 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008490.D
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Tgt Ion: 99 Resp: 76678
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 42.2 31.1 46.7

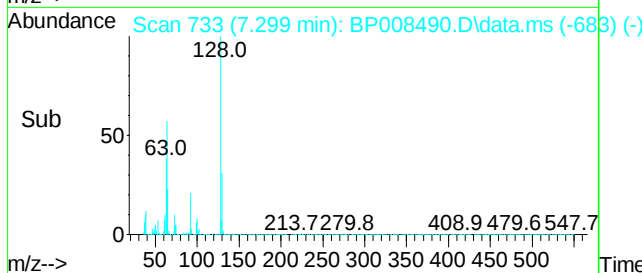
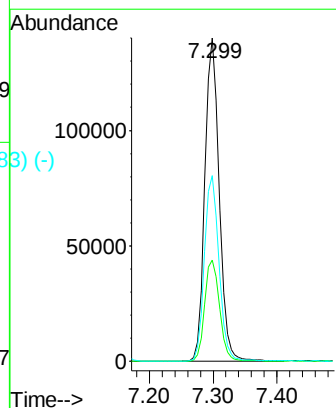
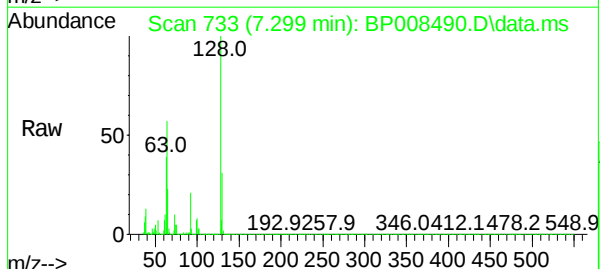
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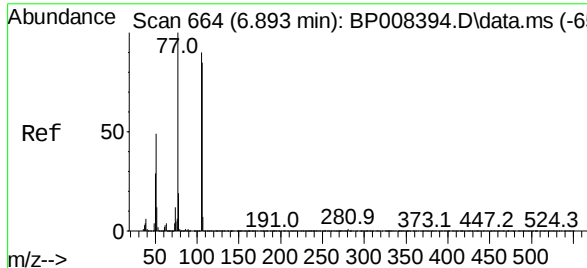
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2-Chlorophenol
Concen: 45.157 ng
RT: 7.299 min Scan# 733
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:128 Resp: 217377
Ion Ratio Lower Upper
128 100
130 31.3 13.5 53.5
64 57.4 37.4 77.4





Benzaldehyde

Concen: 33.874 ng

RT: 6.875 min Scan# 661

Delta R.T. -0.006 min

Lab File: BP008490.D

Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

PB141409BS

Tgt Ion: 77 Resp: 12213

Ion Ratio Lower Upper

77 100

105 92.0 71.8 111.8

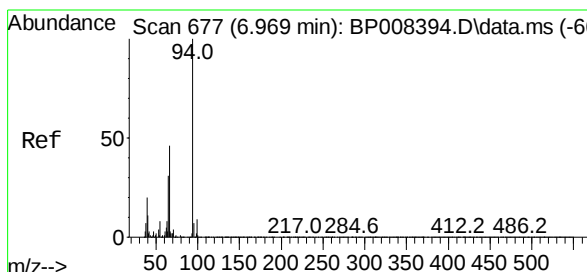
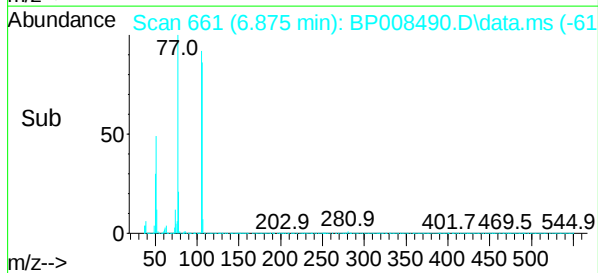
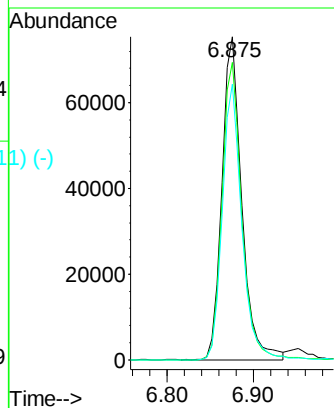
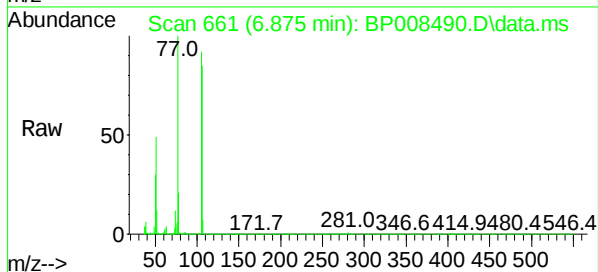
106 85.4 67.3 107.3

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Phenol

Concen: 46.914 ng

RT: 6.952 min Scan# 674

Delta R.T. -0.000 min

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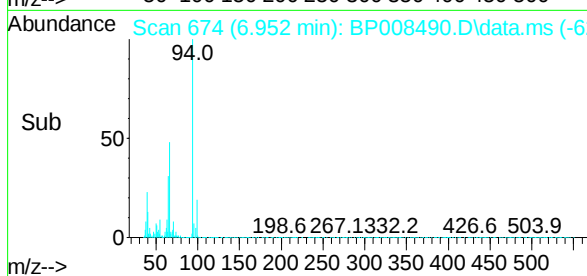
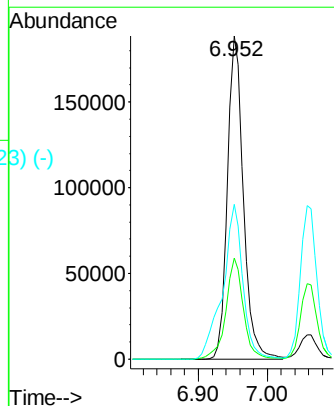
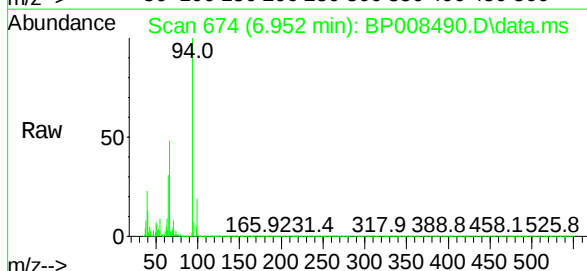
Tgt Ion: 94 Resp: 302200

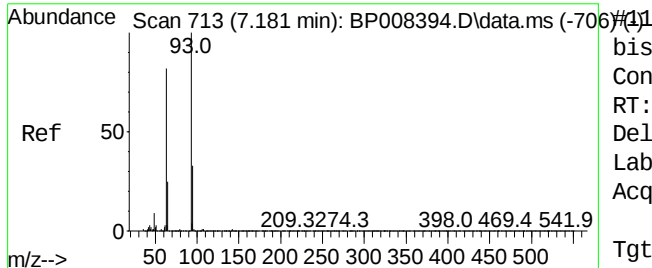
Ion Ratio Lower Upper

94 100

65 31.2 10.9 50.9

66 48.0 24.3 64.3





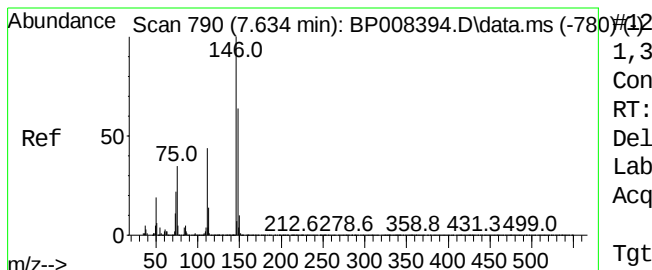
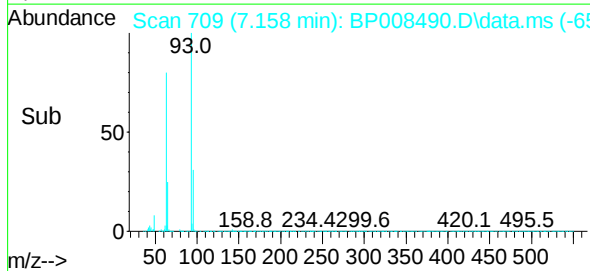
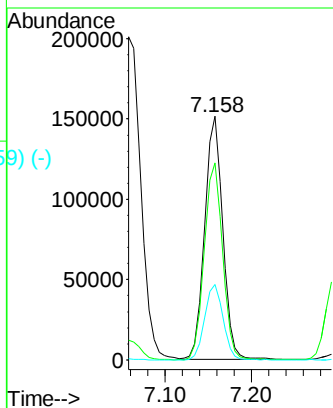
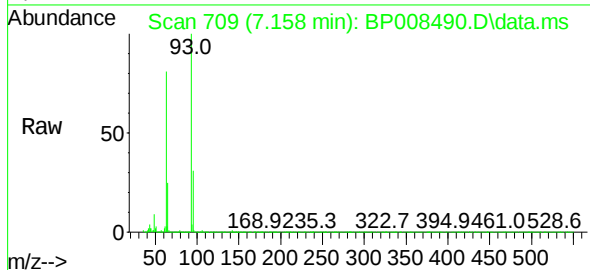
bis(2-Chloroethyl)ether
Concen: 40.788 ng
RT: 7.158 min Scan# 713
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :
BNA_P
ClientSampleId :
PB141409BS

Tgt Ion: 93 Resp: 21919
Ion Ratio Lower Upper
93 100
63 80.8 61.8 101.8
95 30.9 12.5 52.5

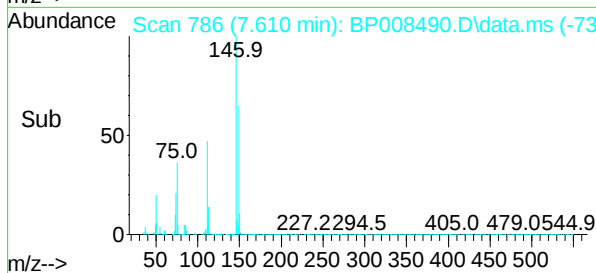
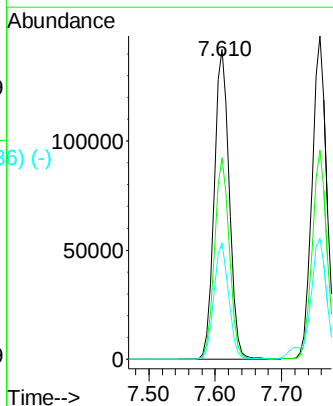
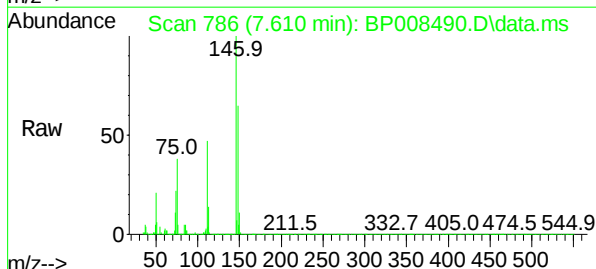
Manual Integrations
APPROVED

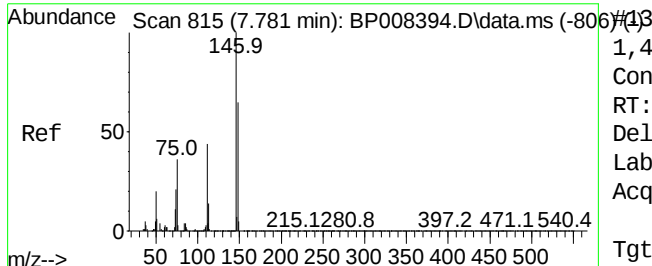
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



1,3-Dichlorobenzene
Concen: 39.646 ng
RT: 7.610 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:146 Resp: 220702
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
75 37.5 29.0 43.6





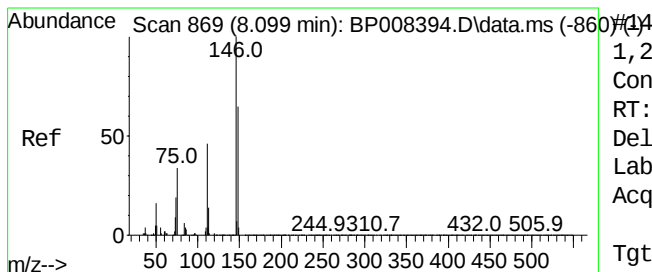
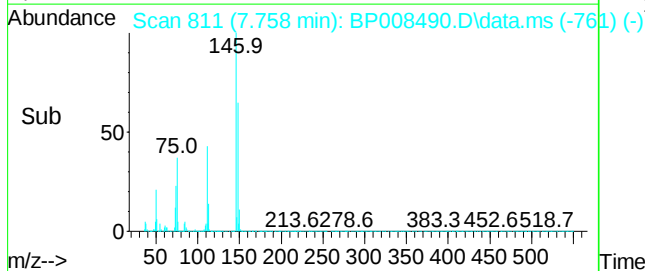
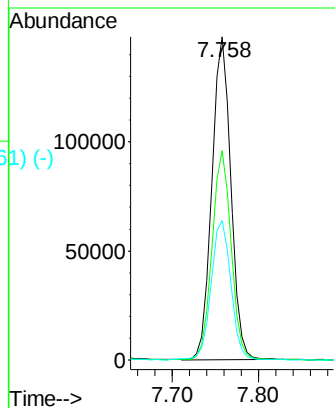
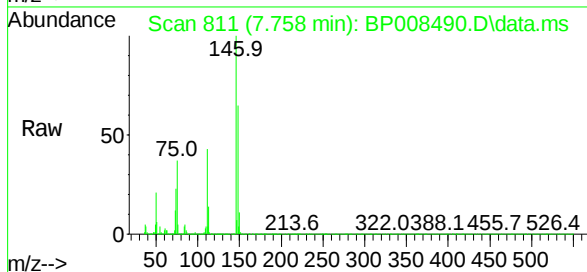
1,4-Dichlorobenzene
Concen: 39.948 ng
RT: 7.758 min Scan# 815
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :
BNA_P
ClientSampleId :
PB141409BS

Tgt Ion:146 Resp: 2263
Ion Ratio Lower Upper
146 100
148 64.8 49.6 74.4
111 43.3 34.7 52.1

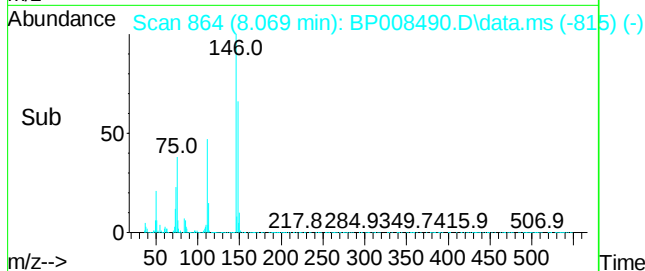
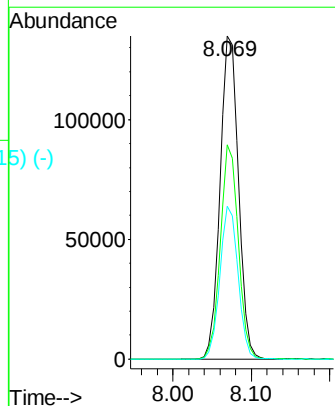
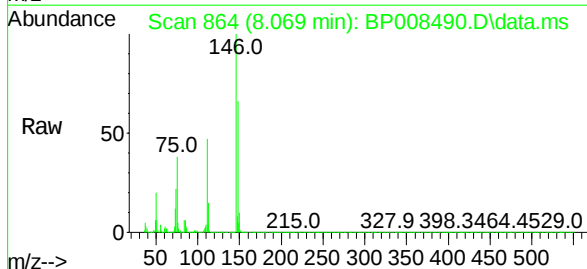
Manual Integrations
APPROVED

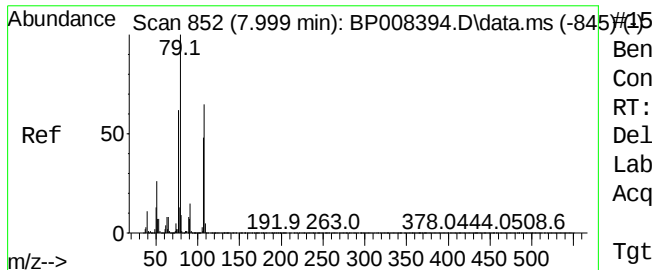
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



1,2-Dichlorobenzene
Concen: 39.750 ng
RT: 8.069 min Scan# 864
Delta R.T. -0.012 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:146 Resp: 218330
Ion Ratio Lower Upper
146 100
148 66.3 51.8 77.6
111 47.2 35.0 52.6





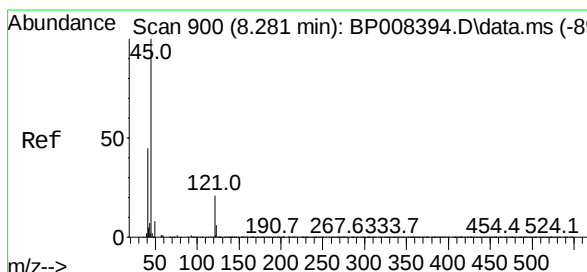
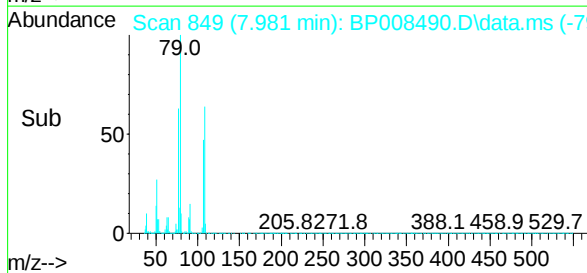
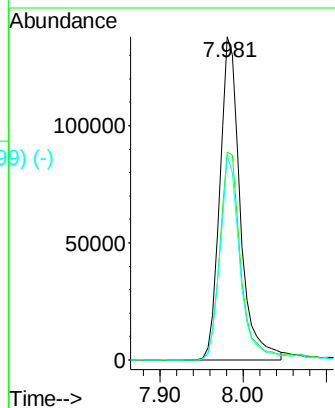
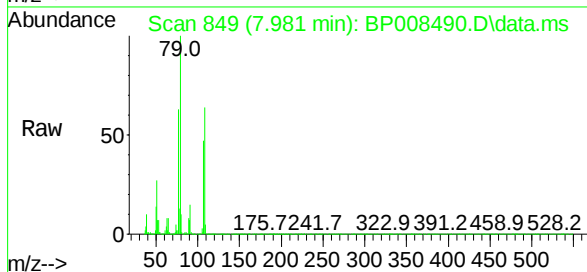
Benzyl Alcohol
 Concen: 45.757 ng/ml
 RT: 7.981 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Instrument :
 BNA_P
 Client Sample Id :
 PB141409BS

Tgt Ion: 79 Resp: 23347
 Ion Ratio Lower Upper
 79 100
 108 64.3 55.5 83.3
 77 63.3 51.0 76.6

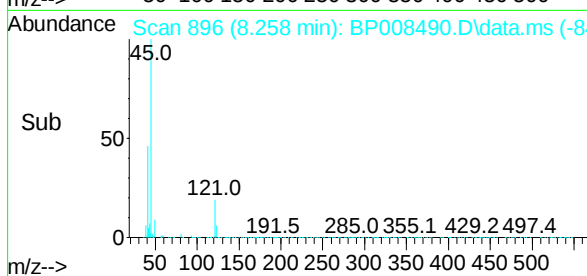
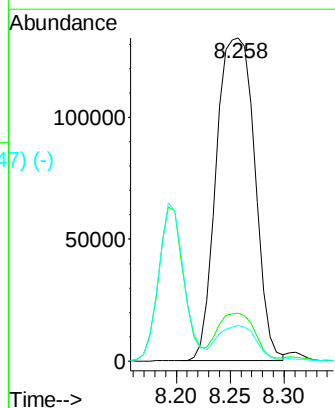
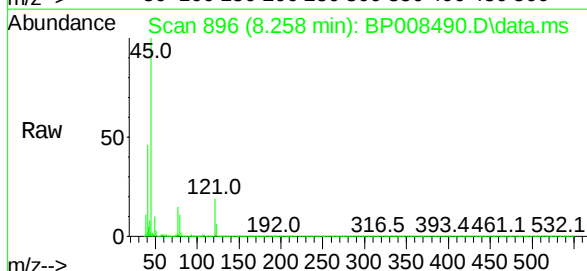
Manual Integrations
 APPROVED

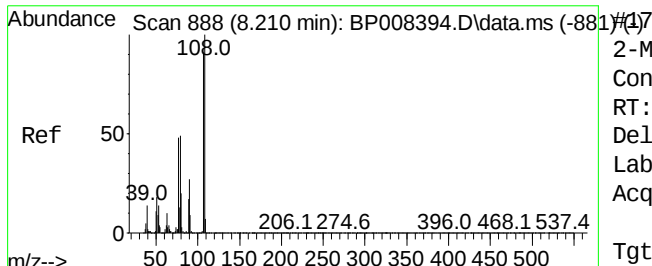
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



2,2'-oxybis(1-Chloropropane)
 Concen: 43.270 ng/ml
 RT: 8.258 min Scan# 896
 Delta R.T. -0.012 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Tgt Ion: 45 Resp: 328988
 Ion Ratio Lower Upper
 45 100
 77 14.8 0.0 33.8
 79 11.1 0.0 30.4





2-Methylphenol
Concen: 46.166 ng
RT: 8.193 min Scan# 885
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

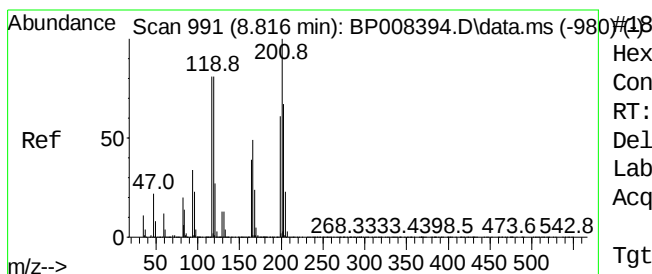
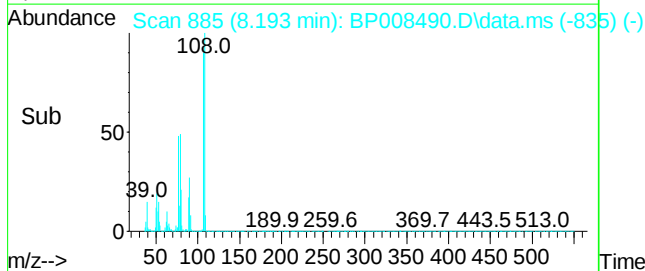
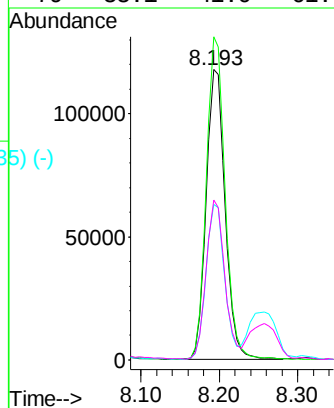
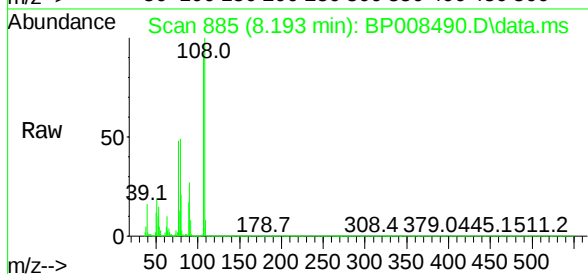
PB141409BS

Tgt Ion:107 Resp: 19672
Ion Ratio Lower Upper
107 100
108 111.3 90.2 135.2
77 53.7 41.3 61.9
79 55.1 41.0 61.6

Manual Integrations

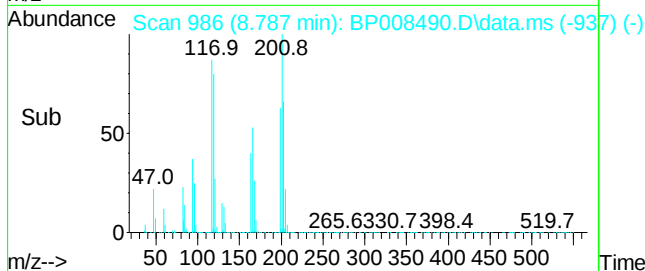
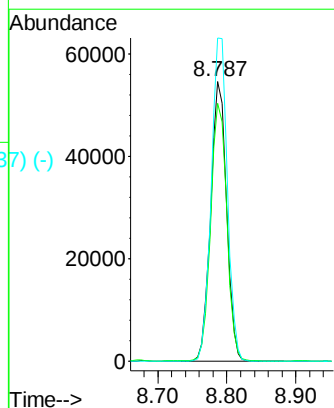
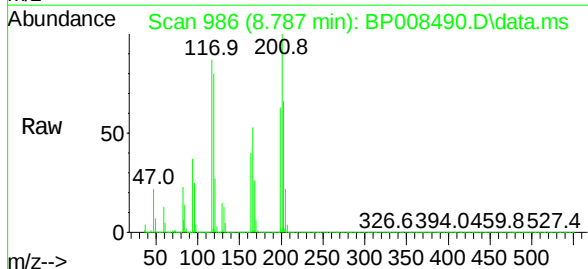
APPROVED

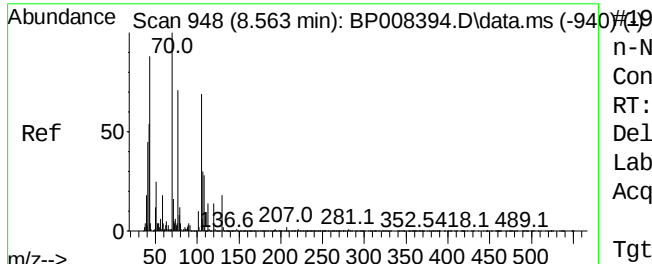
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Hexachloroethane
Concen: 41.665 ng
RT: 8.787 min Scan# 986
Delta R.T. -0.012 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:117 Resp: 87568
Ion Ratio Lower Upper
117 100
119 92.1 74.7 112.1
201 115.5 88.6 132.8





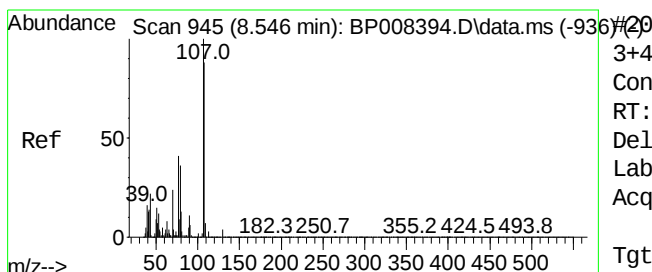
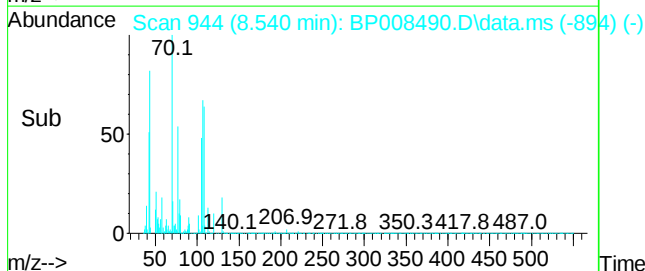
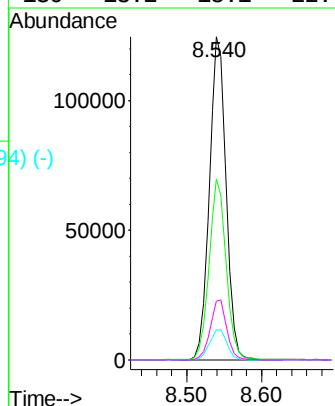
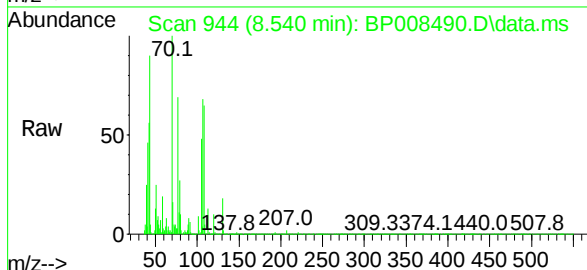
n-Nitroso-di-n-propylamine
 Concen: 41.223 ng
 RT: 8.540 min Scan# 948
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Instrument :
 BNA_P
 ClientSampleId :
 PB141409BS

Tgt Ion:	70	Resp:	19395
Ion	Ratio	Lower	Upper
70	100		
42	56.0	45.4	68.2
101	9.2	7.6	11.4
130	18.2	15.1	22.7

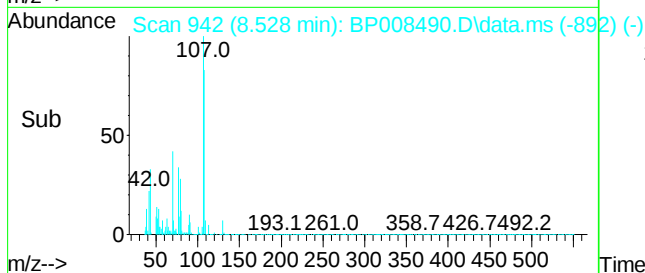
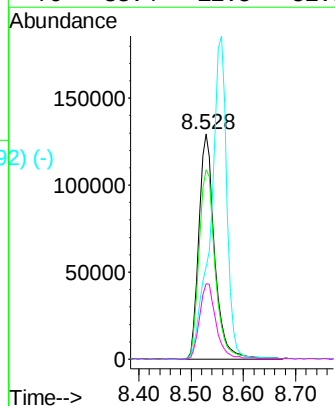
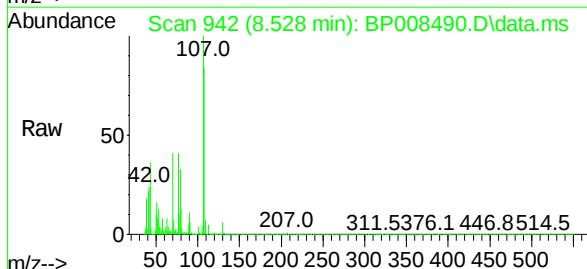
Manual Integrations
 APPROVED

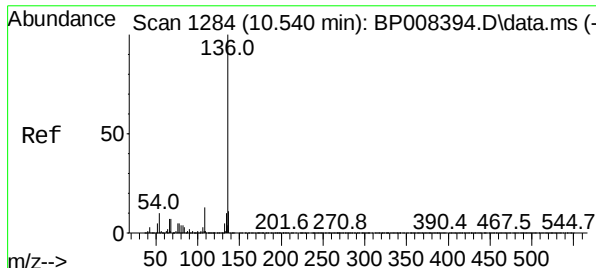
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



3+4-Methylphenols
 Concen: 45.558 ng
 RT: 8.528 min Scan# 942
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Tgt Ion:	107	Resp:	267387
Ion	Ratio	Lower	Upper
107	100		
108	84.0	68.2	108.2
77	41.0	16.9	56.9
79	33.4	12.5	52.5





Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.516 min Scan# 1280
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

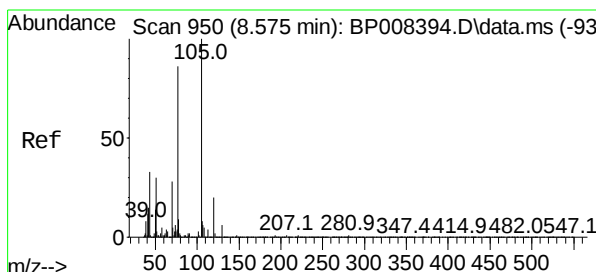
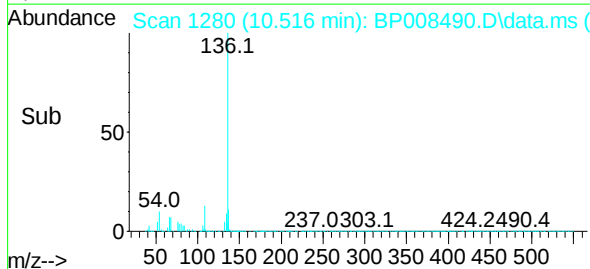
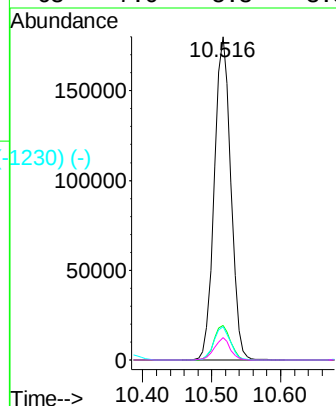
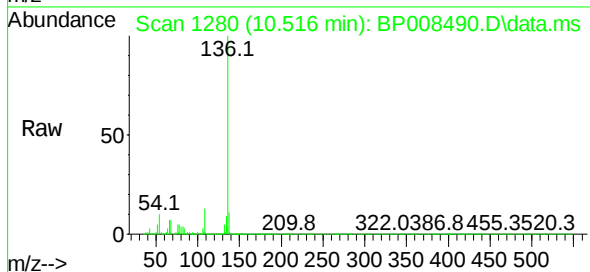
PB141409BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	10.3	8.2	12.4
68	7.0	5.8	8.8

Manual Integrations

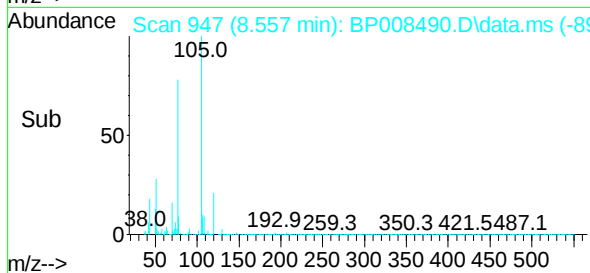
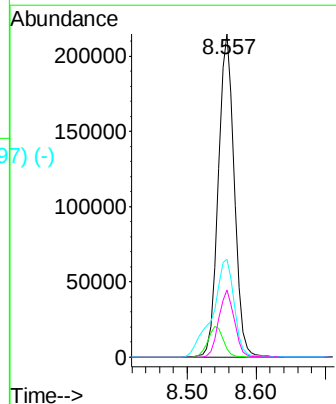
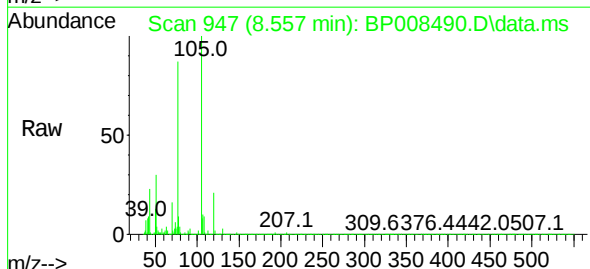
APPROVED

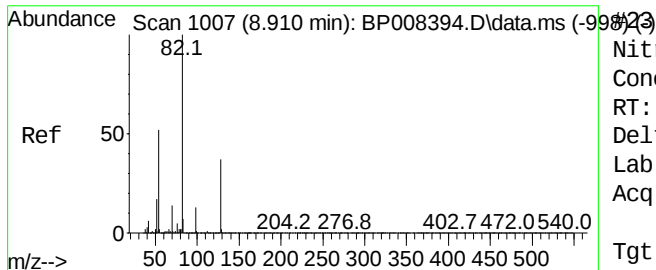
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Acetophenone
 Concen: 39.079 ng
 RT: 8.557 min Scan# 947
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.5	4.0	6.0#
51	30.2	23.8	35.6
120	20.8	16.0	24.0





Nitrobenzene-d5

Concen: 73.567 ng

RT: 8.893 min Scan#

Delta R.T. -0.006 min

Lab File: BP008490.D

Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

PB141409BS

Tgt Ion: 82 Resp: 51986

Ion Ratio Lower Upper

82 100

128 36.6 29.6 44.4

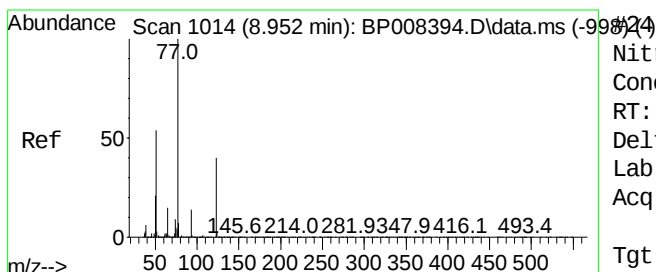
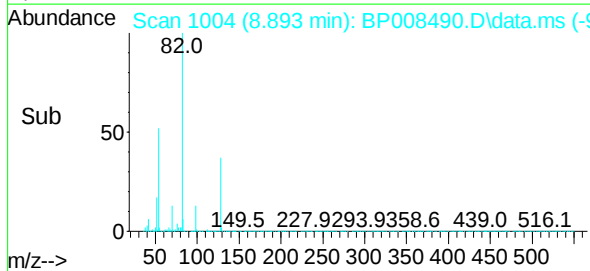
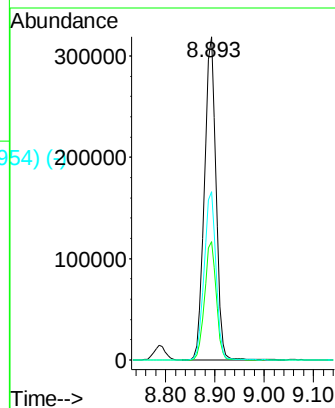
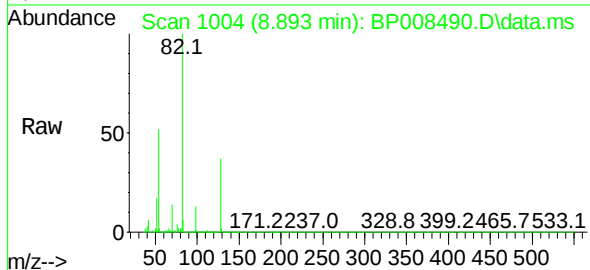
54 52.0 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2021

Supervised By :mohammad ahmed 12/27/2021



Nitrobenzene

Concen: 41.871 ng

RT: 8.934 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BP008490.D

Acq: 18 Dec 2021 15:40

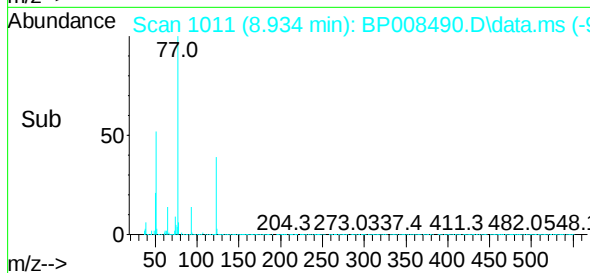
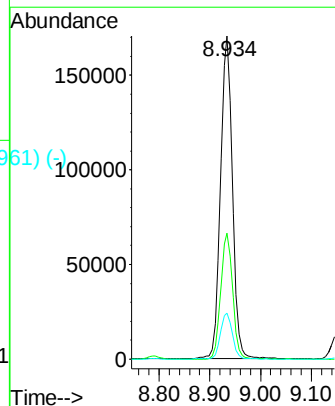
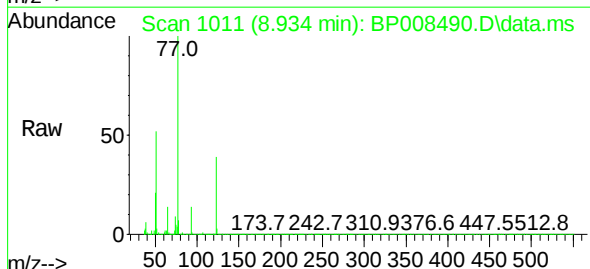
Tgt Ion: 77 Resp: 277714

Ion Ratio Lower Upper

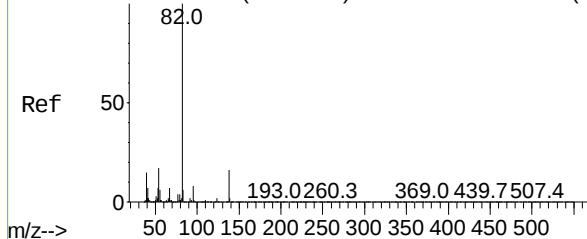
77 100

123 39.1 30.4 45.6

65 14.1 11.3 16.9



Abundance Scan 1105 (9.487 min): BP008394.D\data.ms (-1025) (-)



Isophorone
Concen: 41.994 ng
RT: 9.463 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

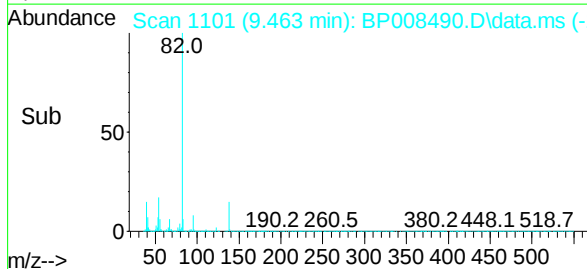
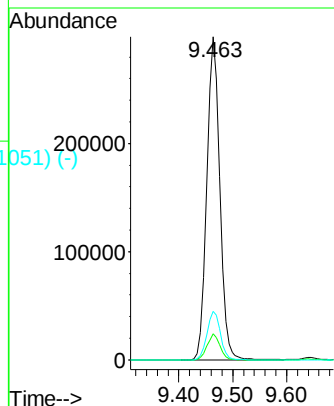
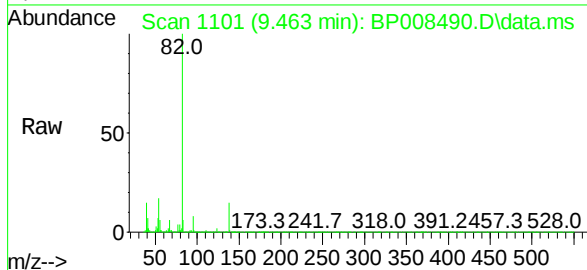
PB141409BS

Tgt Ion: 82 Resp: 49656
Ion Ratio Lower Upper
82 100
95 8.0 5.9 8.9
138 15.0 12.7 19.1

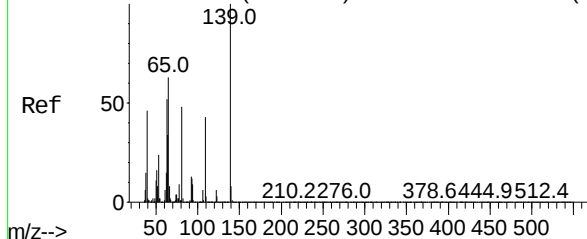
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021

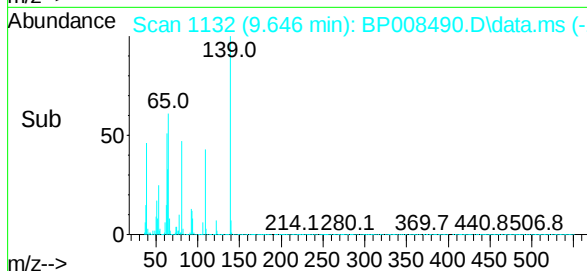
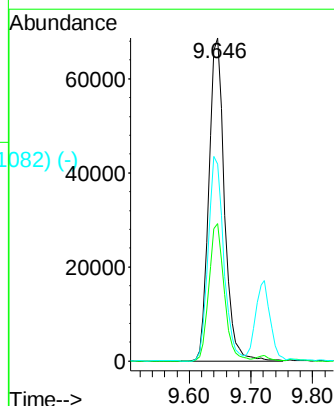
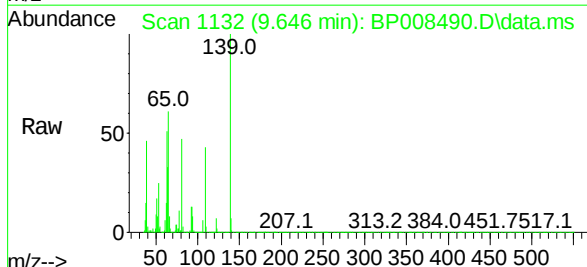


Abundance Scan 1135 (9.663 min): BP008394.D\data.ms (-1129) (-)

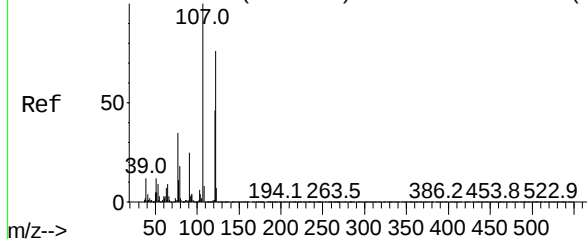


2-Nitrophenol
Concen: 41.254 ng
RT: 9.646 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:139 Resp: 120920
Ion Ratio Lower Upper
139 100
109 42.6 28.3 42.5#
65 61.0 49.7 74.5



Abundance Scan 1148 (9.740 min): BP008394.D\data.ms (-1147)



2,4-Dimethylphenol
Concen: 50.157 ng
RT: 9.722 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

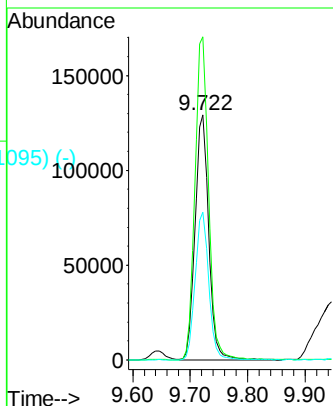
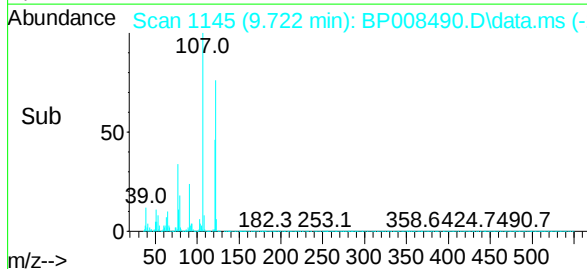
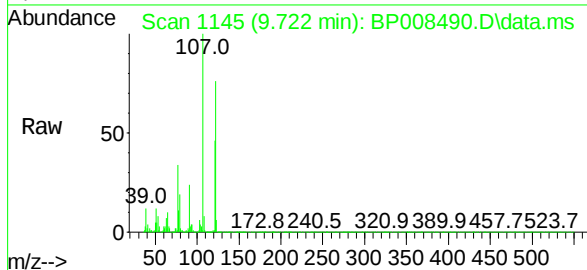
PB141409BS

Tgt Ion:122 Resp: 21082
Ion Ratio Lower Upper
122 100
107 131.7 106.6 160.0
121 60.1 48.1 72.1

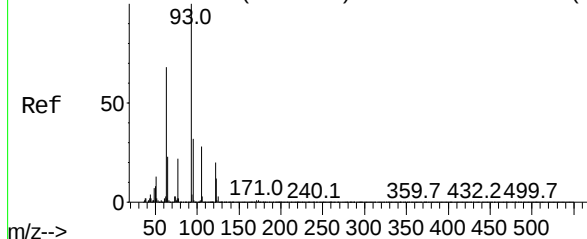
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021

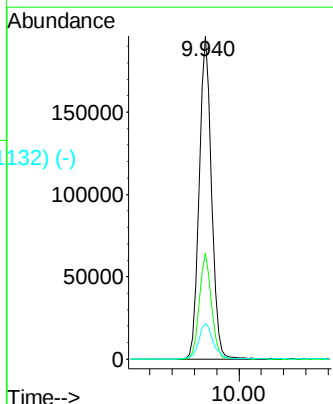
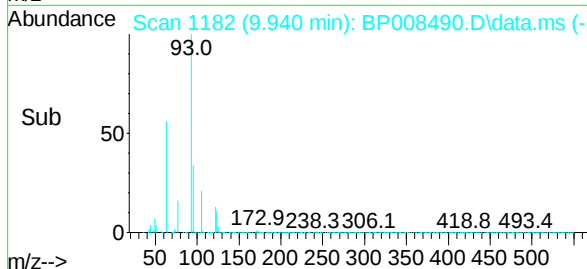
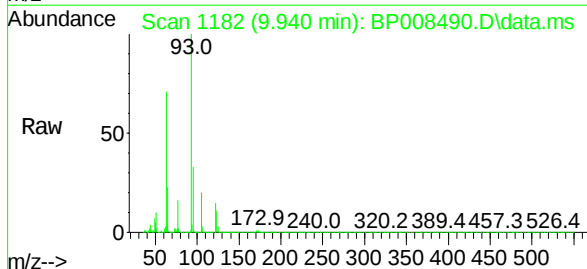


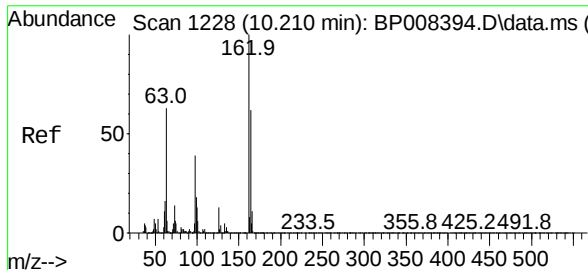
Abundance Scan 1186 (9.963 min): BP008394.D\data.ms (-1179)



bis(2-Chloroethoxy)methane
Concen: 41.346 ng
RT: 9.940 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion: 93 Resp: 302226
Ion Ratio Lower Upper
93 100
95 32.9 25.4 38.2
123 11.1 7.8 11.6





2,4-Dichlorophenol
Concen: 43.520 ng
RT: 10.199 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

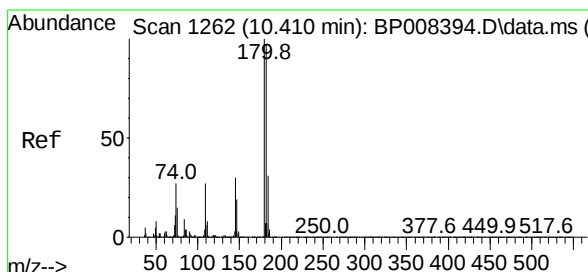
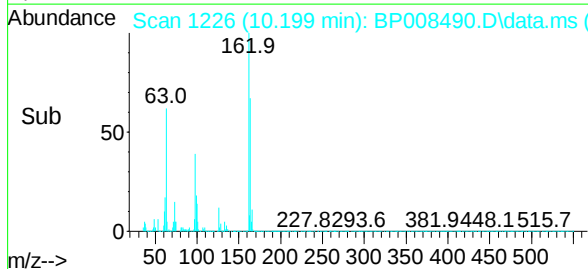
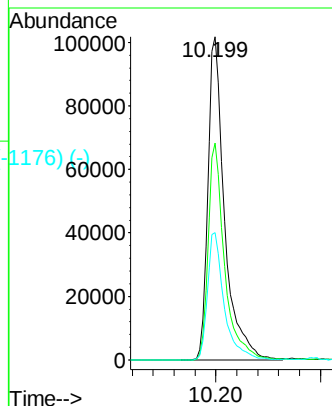
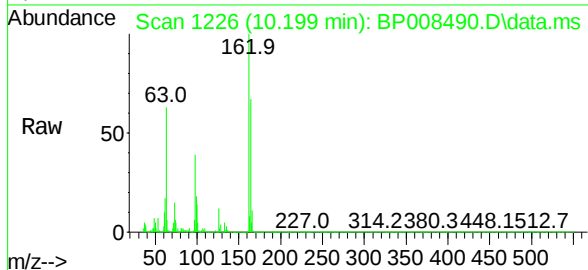
PB141409BS

Tgt Ion:162 Resp: 22479
Ion Ratio Lower Upper
162 100
164 67.0 43.9 83.9
98 39.4 17.9 57.9

Manual Integrations

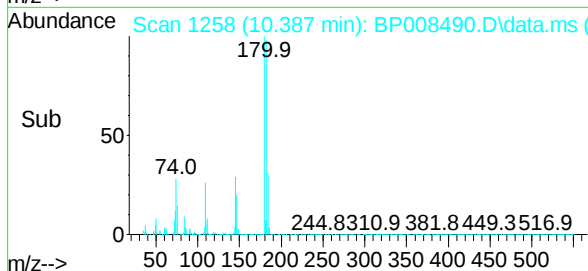
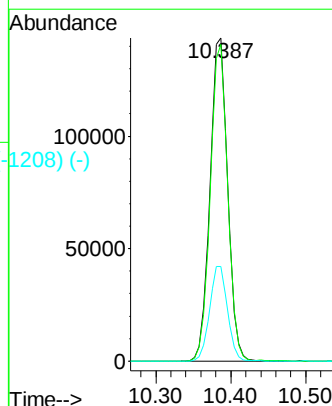
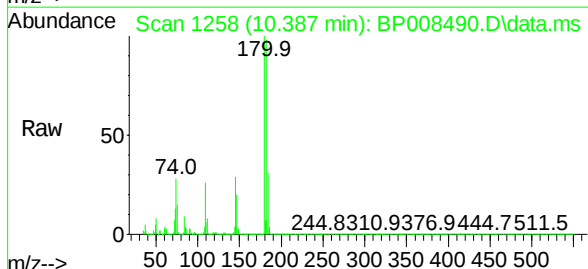
APPROVED

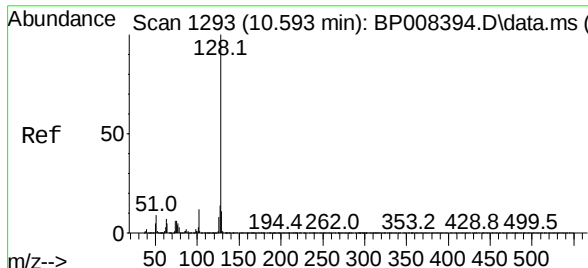
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



1,2,4-Trichlorobenzene
Concen: 38.703 ng
RT: 10.387 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:180 Resp: 236992
Ion Ratio Lower Upper
180 100
182 98.0 74.8 112.2
145 29.4 23.2 34.8





Scan 1293 (10.593 min): BP008394.D\data.ms (-1283) (-)
 Naphthalene
 Concen: 40.711 ng
 RT: 10.569 min Scan# 1289
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

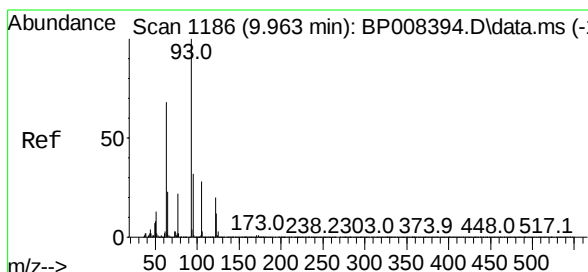
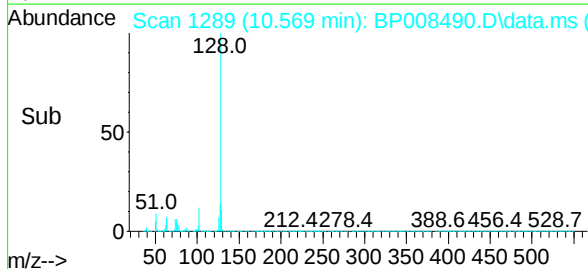
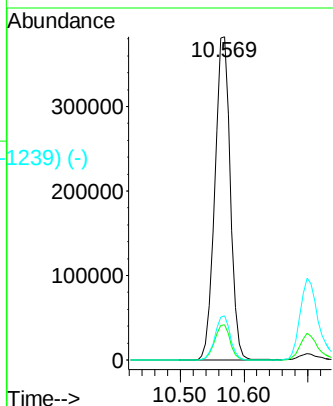
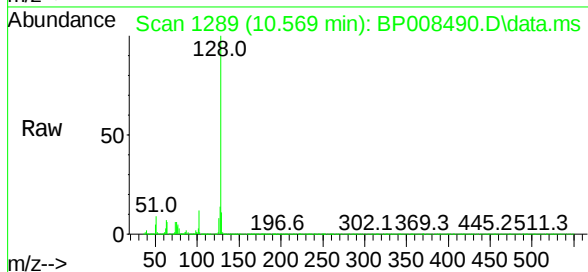
BP141409BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	13.6	10.9	16.3

Manual Integrations

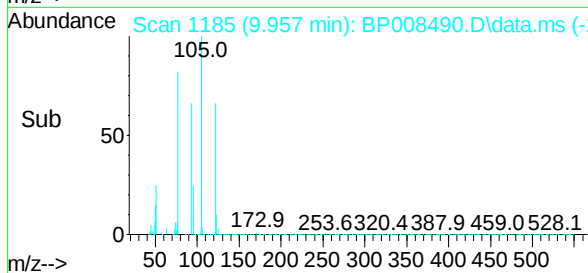
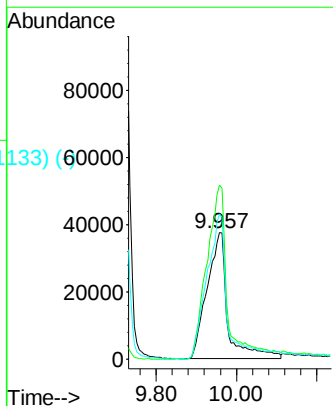
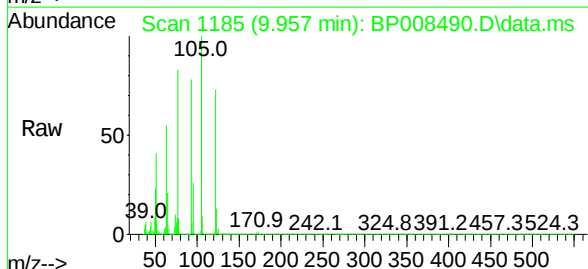
APPROVED

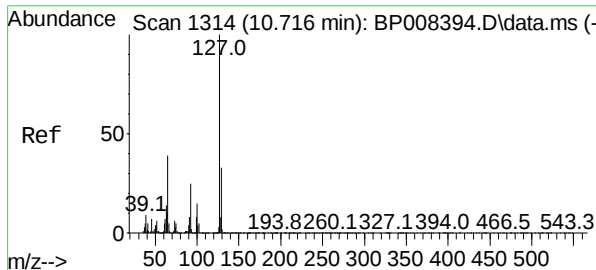
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 1186 (9.963 min): BP008394.D\data.ms (-11632) (-)
 Benzoic acid
 Concen: 43.844 ng
 RT: 9.957 min Scan# 1185
 Delta R.T. 0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.6	117.4	157.4
77	114.7	89.2	129.2





4-Chloroaniline
 Concen: 31.160 ng
 RT: 10.699 min Scan# 1311
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

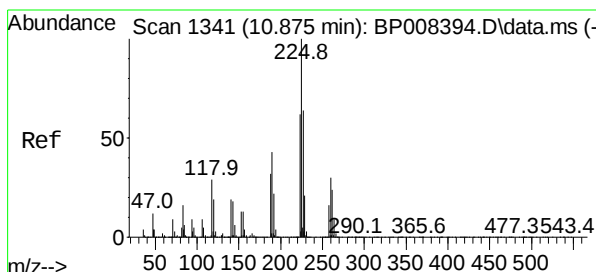
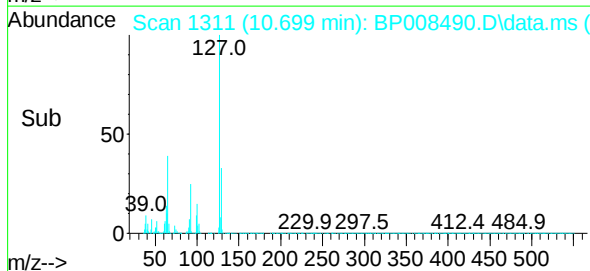
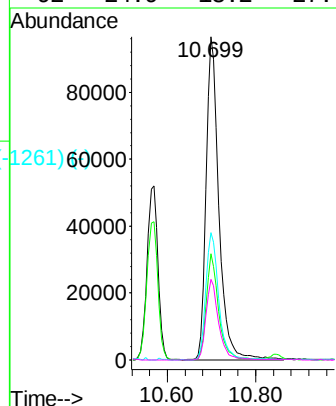
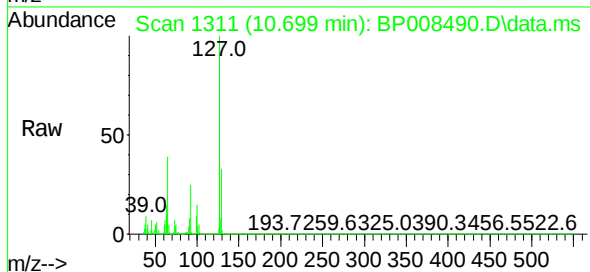
PB141409BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.4	38.2
65	39.5	29.5	44.3
92	24.9	18.2	27.4

Manual Integrations

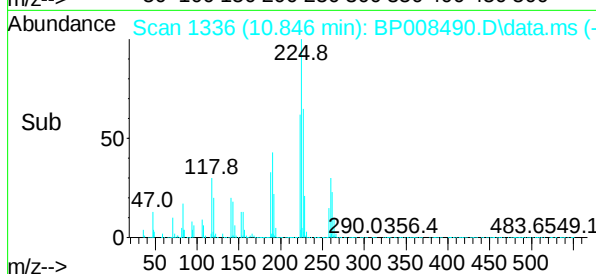
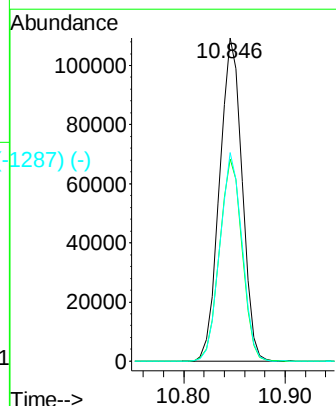
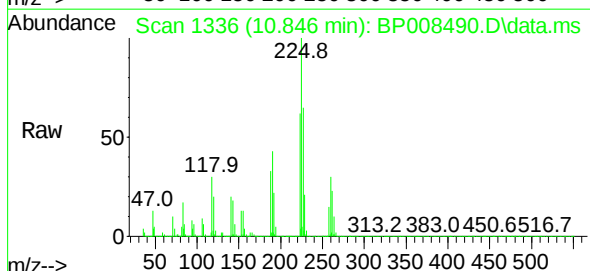
APPROVED

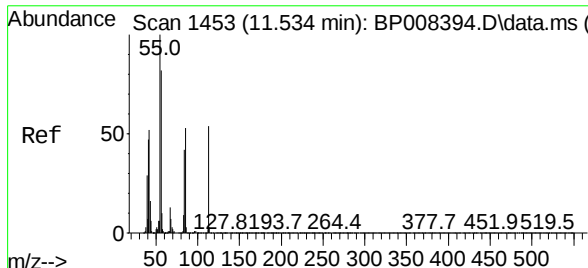
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Hexachlorobutadiene
 Concen: 37.664 ng
 RT: 10.846 min Scan# 1336
 Delta R.T. -0.012 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	52.5	78.7
227	64.5	51.0	76.6





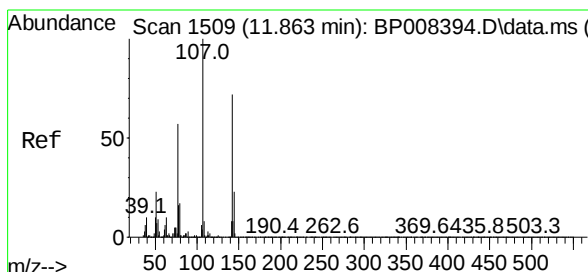
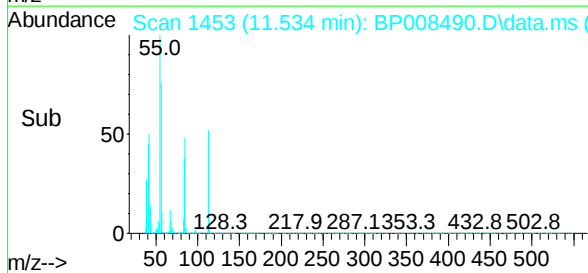
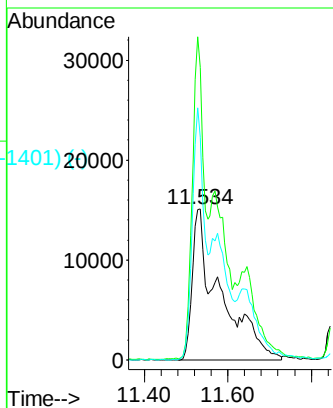
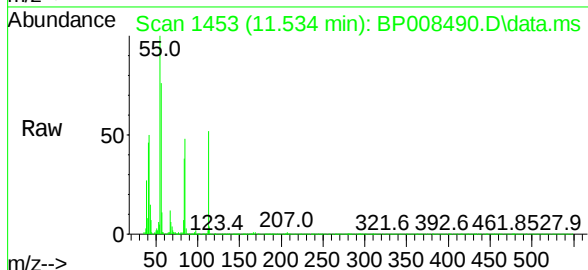
Caprolactam
Concen: 71.148 ng/ml
RT: 11.534 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :
BNA_P
Client Sample Id :
PB141409BS

Tgt Ion:113 Resp: 6959
Ion Ratio Lower Upper
113 100
55 193.5 174.2 214.2
56 147.3 130.3 170.3

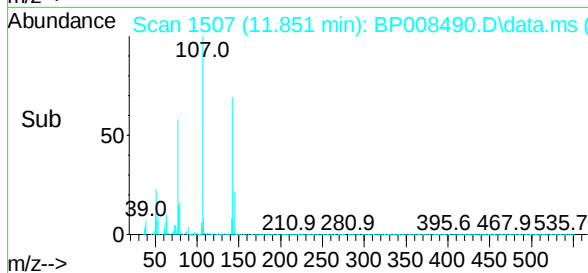
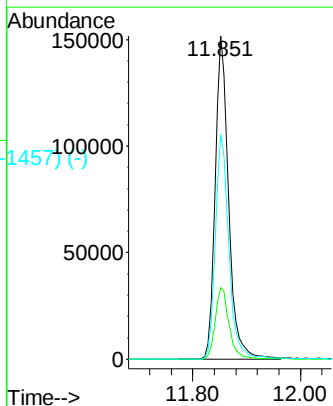
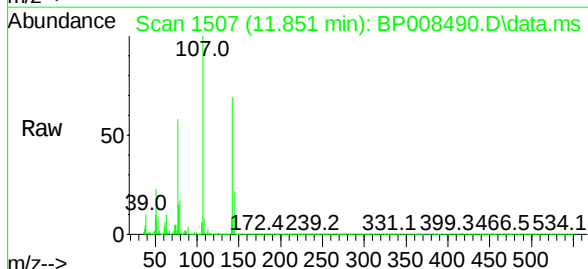
Manual Integrations
APPROVED

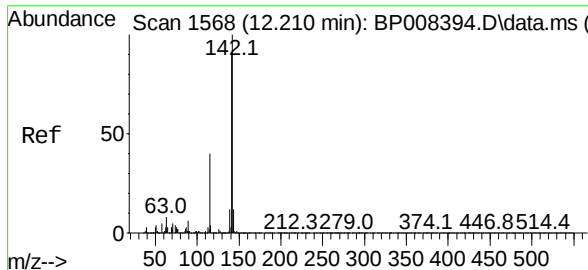
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



4-Chloro-3-methylphenol
Concen: 45.359 ng/ml
RT: 11.851 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:107 Resp: 261797
Ion Ratio Lower Upper
107 100
144 22.3 19.7 29.5
142 69.5 59.6 89.4





2-Methylnaphthalene
Concen: 44.633 ng
RT: 12.187 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

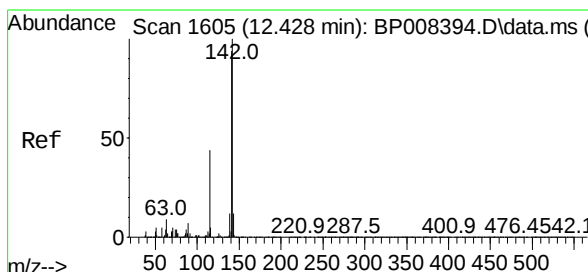
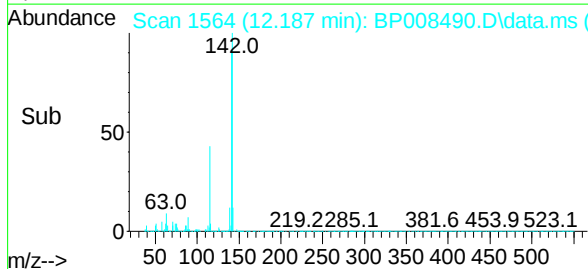
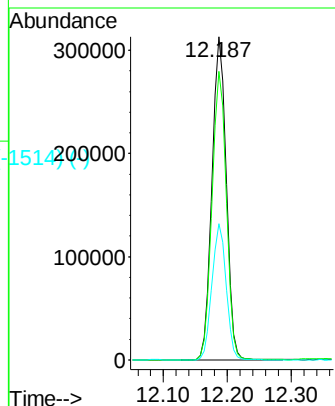
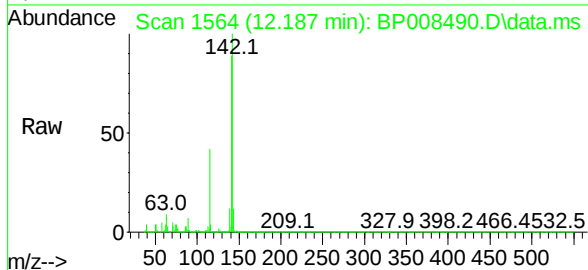
PB141409BS

Tgt Ion:142 Resp: 48294
Ion Ratio Lower Upper
142 100
141 89.3 70.7 106.3
115 42.2 30.9 46.3

Manual Integrations

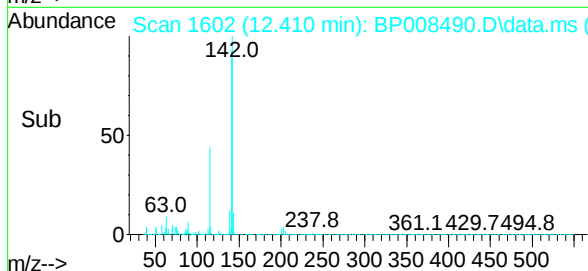
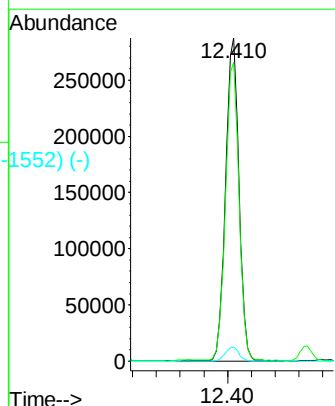
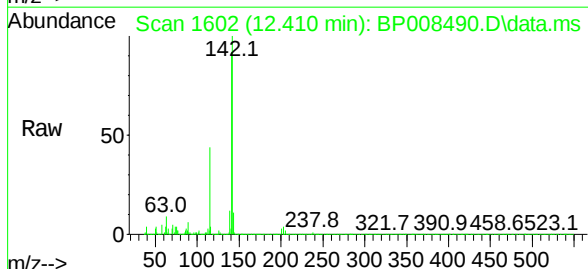
APPROVED

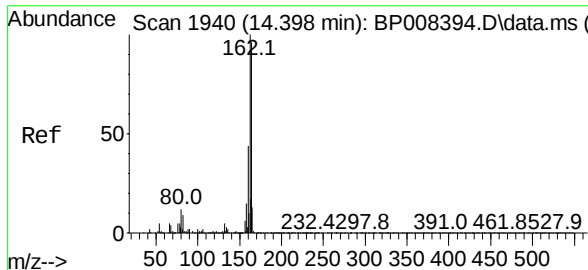
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



1-Methylnaphthalene
Concen: 42.343 ng
RT: 12.410 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:142 Resp: 446059
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.4
116 4.3 3.4 5.2





Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.375 min Scan# 1936
 Delta R.T. -0.012 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

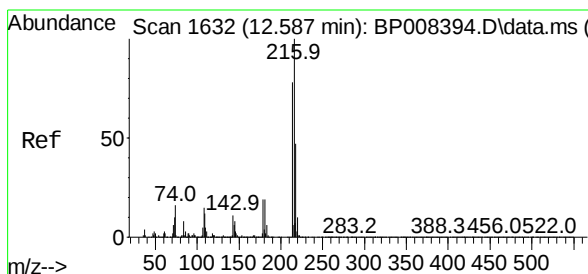
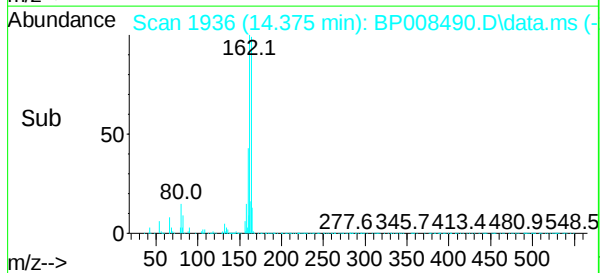
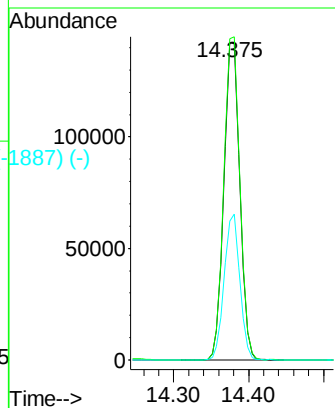
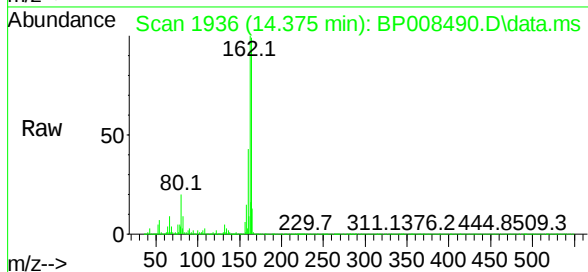
PB141409BS

Tgt Ion:164 Resp: 20752
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.9 122.9
 160 43.8 35.4 53.0

Manual Integrations

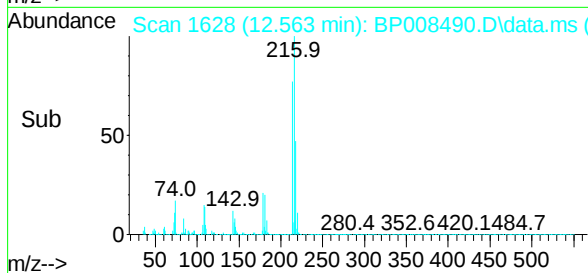
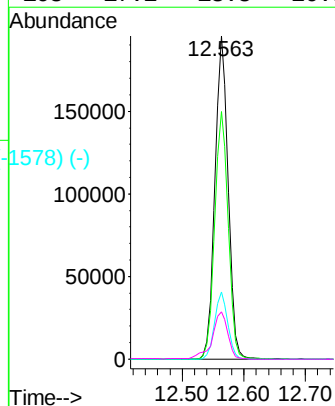
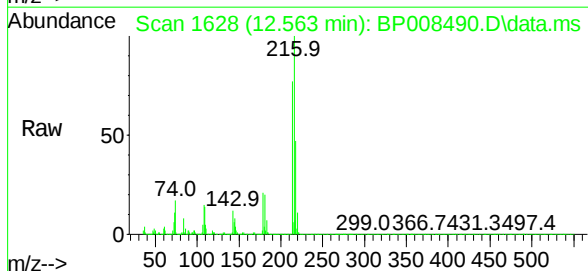
APPROVED

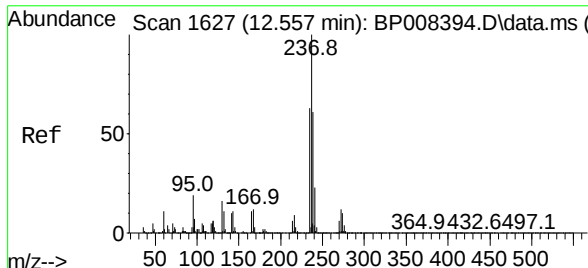
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



1,2,4,5-Tetrachlorobenzene
 Concen: 36.670 ng
 RT: 12.563 min Scan# 1628
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Tgt Ion:216 Resp: 290734
 Ion Ratio Lower Upper
 216 100
 214 78.2 62.5 93.7
 179 20.7 16.4 24.6
 108 17.2 13.8 20.8





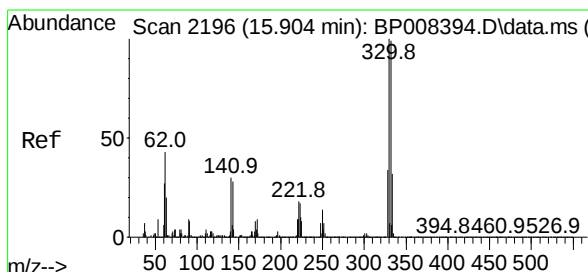
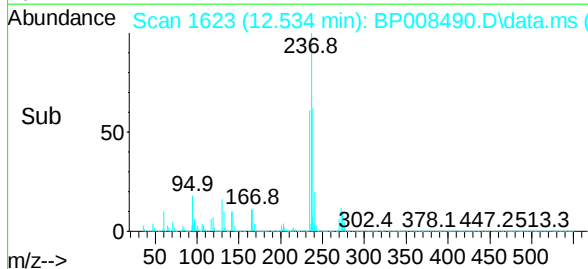
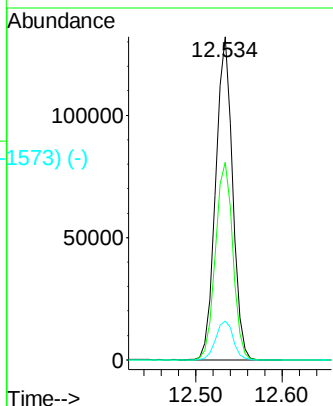
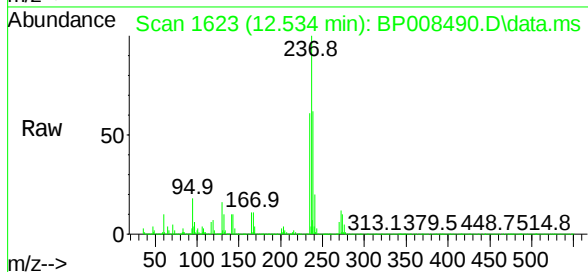
Scan 1627 (12.557 min): BP008394.D\data.ms (-1627) (-)
 Hexachlorocyclopentadiene
 Concen: 82.214 ng
 RT: 12.534 min Scan# 1627
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Instrument :
 BNA_P
 ClientSampleId :
 PB141409BS

Tgt Ion:	237	Resp:	18098
Ion	Ratio	Lower	Upper
237	100		
235	61.1	42.3	82.3
272	12.2	0.0	32.2

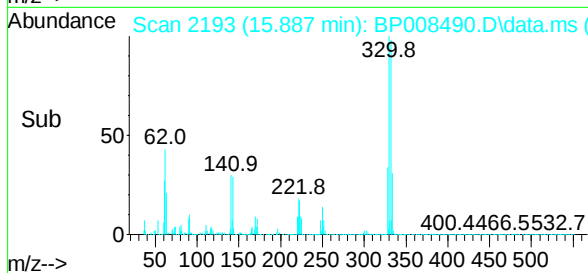
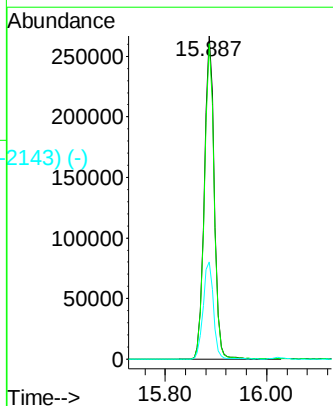
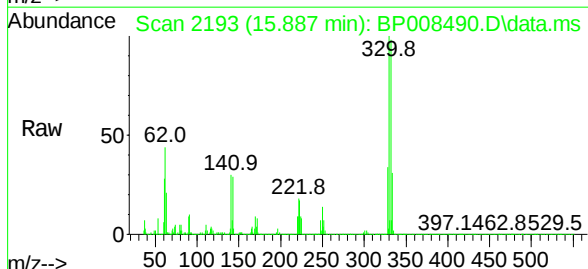
Manual Integrations
 APPROVED

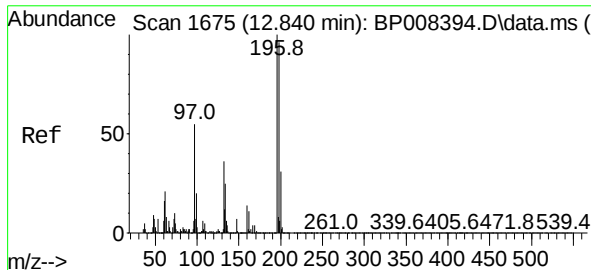
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 2196 (15.904 min): BP008394.D\data.ms (-2196) (-)
 2,4,6-Tribromophenol
 Concen: 118.373 ng
 RT: 15.887 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Tgt Ion:	330	Resp:	361003
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.4
141	31.3	28.4	42.6





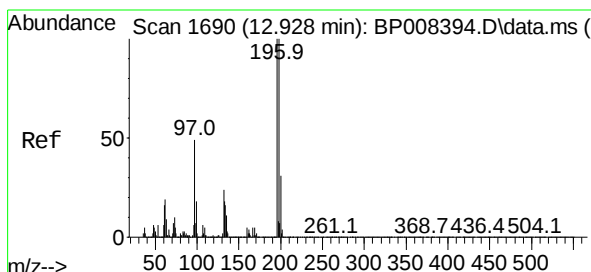
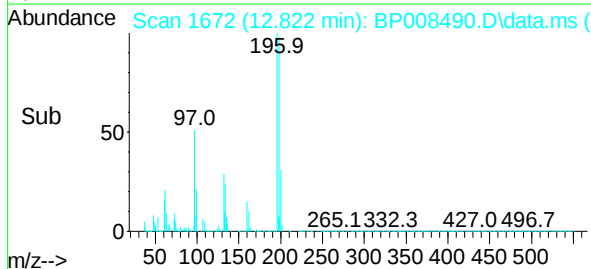
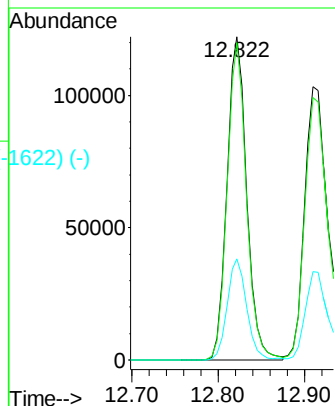
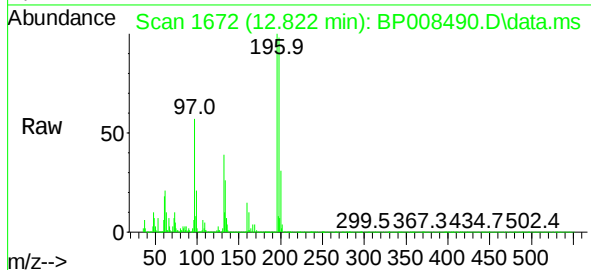
2,4,6-Trichlorophenol
Concen: 39.357 ng
RT: 12.822 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :
BNA_P
ClientSampleId :
PB141409BS

Tgt Ion:196 Resp: 19604
Ion Ratio Lower Upper
196 100
198 98.3 74.8 112.2
200 31.2 24.3 36.5

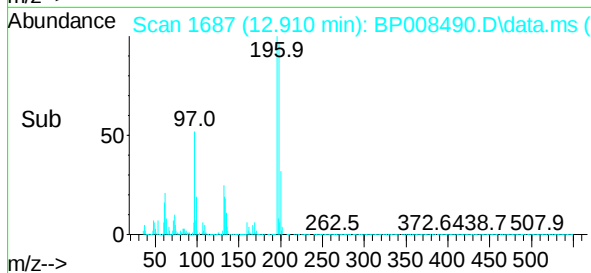
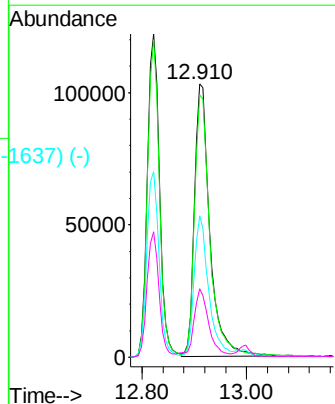
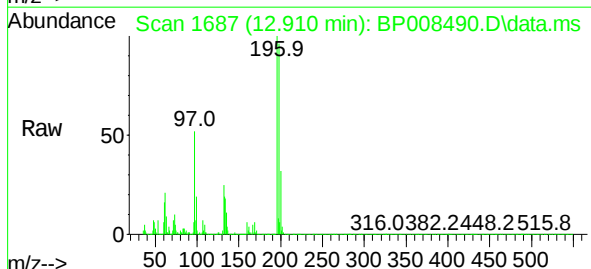
Manual Integrations
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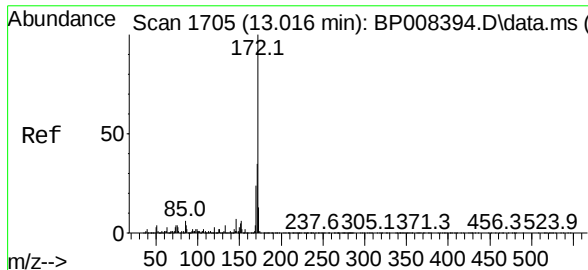
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



2,4,5-Trichlorophenol
Concen: 40.110 ng
RT: 12.910 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:196 Resp: 208378
Ion Ratio Lower Upper
196 100
198 96.0 76.2 114.4
97 51.7 40.8 61.2
132 25.1 19.0 28.4





Scan 1705 (13.016 min): BP008394.D\data.ms (-1694) (-)
 2-Fluorobiphenyl
 Concen: 70.570 ng
 RT: 12.998 min Scan# 1705
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

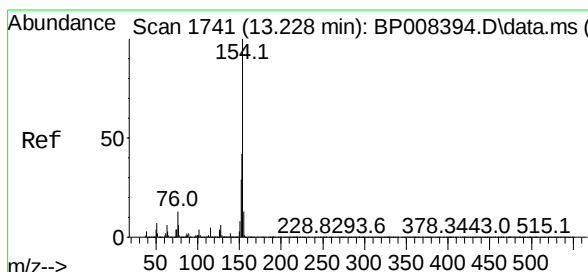
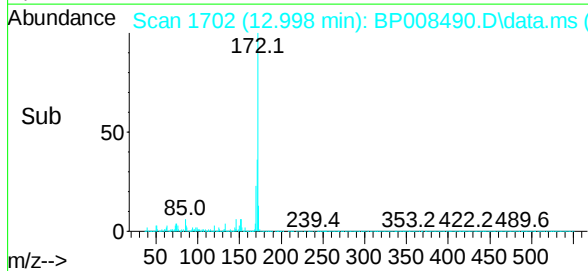
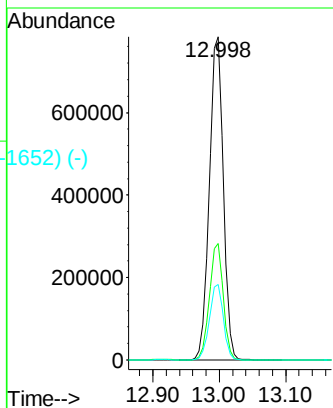
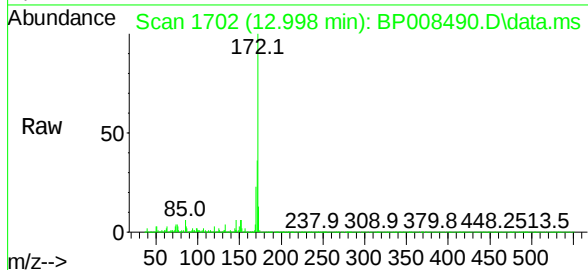
PB141409BS

Tgt Ion:172 Resp: 115208
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.0 42.0
 170 23.3 18.9 28.3

Manual Integrations

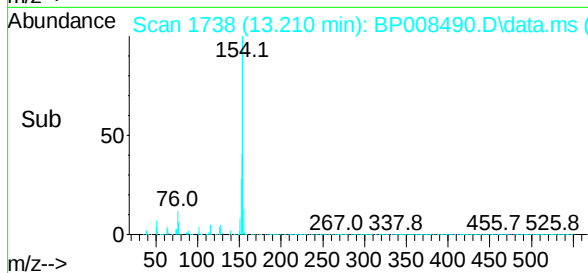
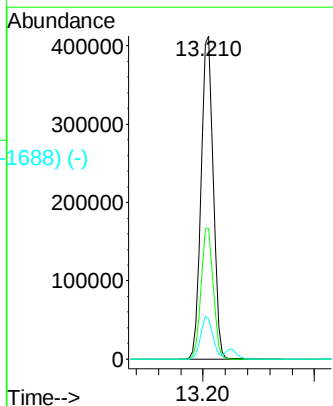
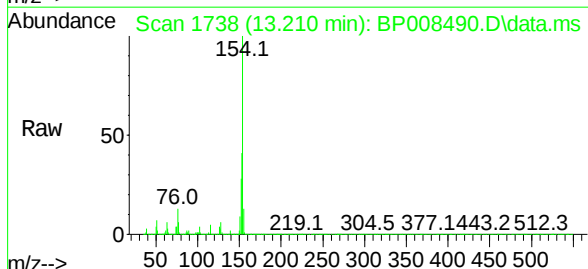
APPROVED

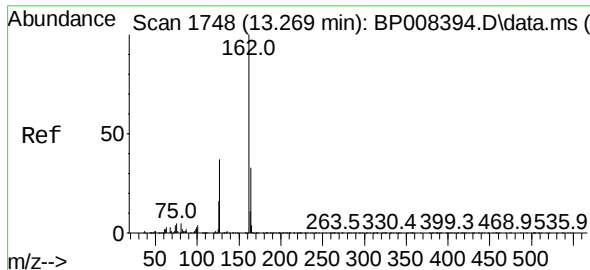
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Scan 1741 (13.228 min): BP008394.D\data.ms (-1746) (-)
 1,1'-Biphenyl
 Concen: 38.933 ng
 RT: 13.210 min Scan# 1738
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Tgt Ion:154 Resp: 624233
 Ion Ratio Lower Upper
 154 100
 153 40.6 19.7 59.7
 76 12.5 0.0 33.7





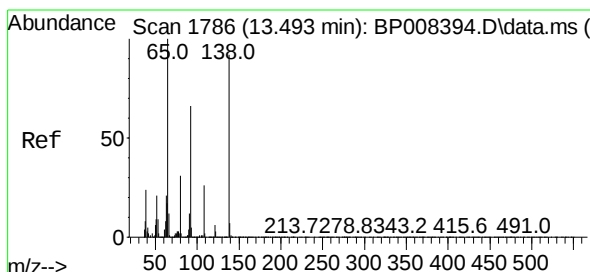
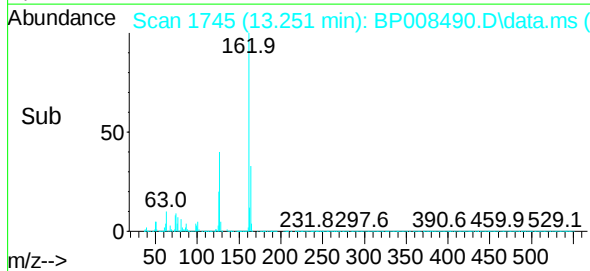
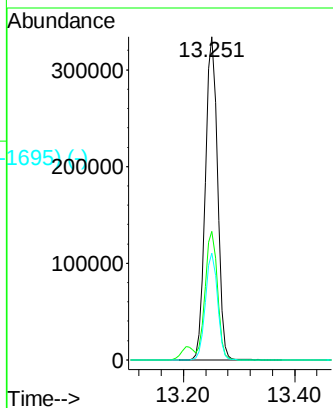
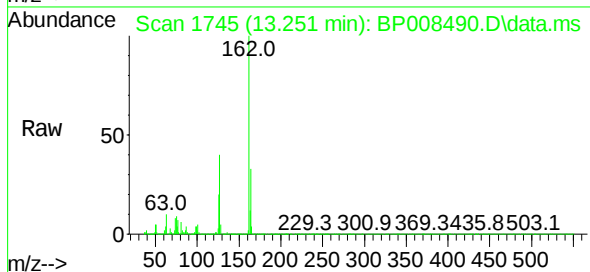
2-Chloronaphthalene
Concen: 39.160 ng
RT: 13.251 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :
BNA_P
ClientSampleId :
PB141409BS

Tgt Ion: 162 Resp: 50078
Ion Ratio Lower Upper
162 100
127 39.8 31.3 46.9
164 33.0 26.9 40.3

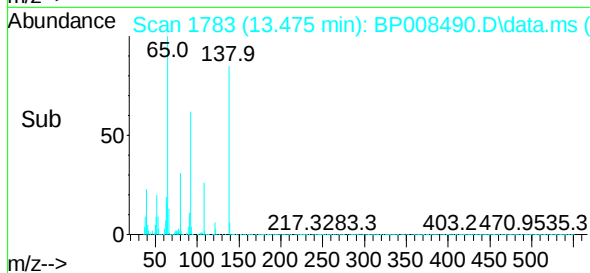
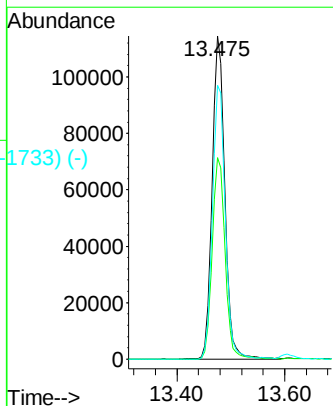
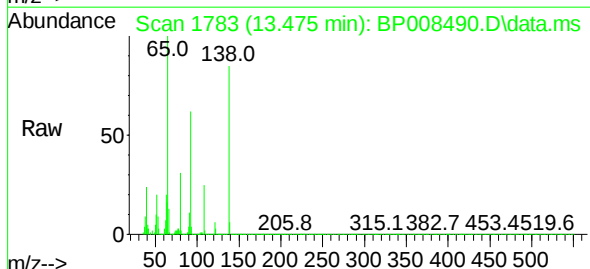
Manual Integrations
APPROVED

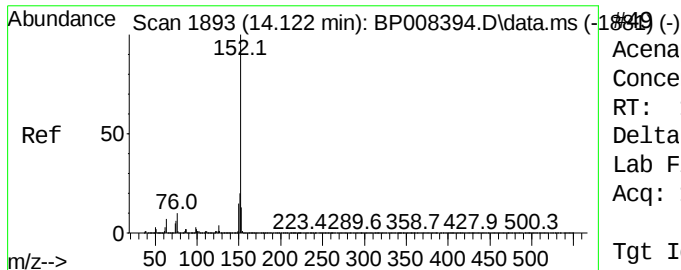
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2-Nitroaniline
Concen: 43.128 ng
RT: 13.475 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion: 65 Resp: 185500
Ion Ratio Lower Upper
65 100
92 62.4 50.6 75.8
138 84.8 68.7 103.1





Acenaphthylene

Concen: 41.428 ng

RT: 14.098 min Scan# 1889

Delta R.T. -0.006 min

Lab File: BP008490.D

Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

PB141409BS

Tgt Ion:152 Resp: 77882

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

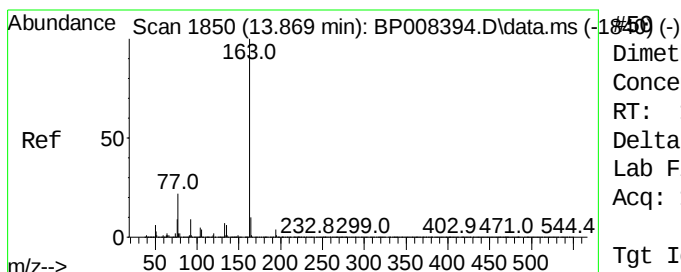
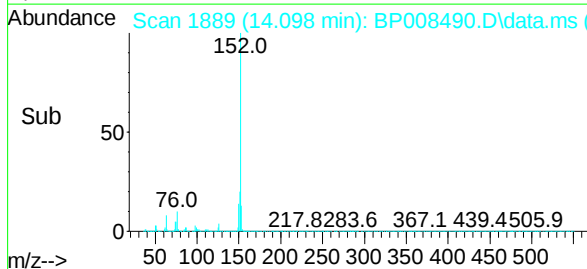
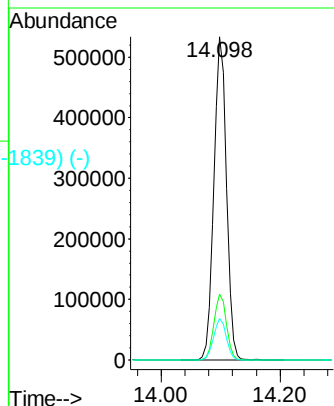
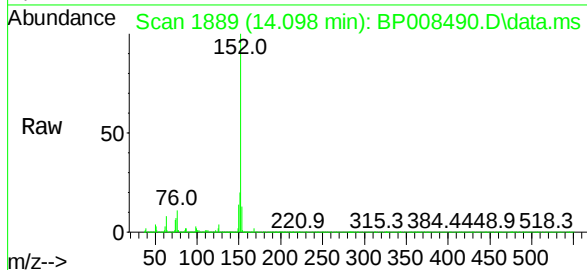
153 12.9 10.9 16.3

Manual Integrations

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Dimethylphthalate

Concen: 42.523 ng

RT: 13.851 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BP008490.D

Acq: 18 Dec 2021 15:40

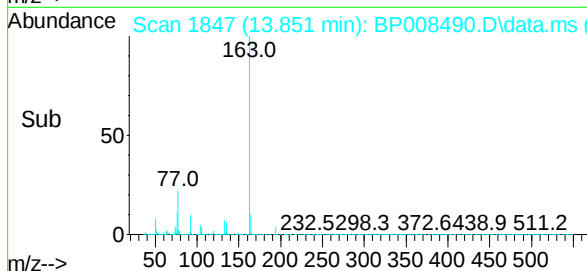
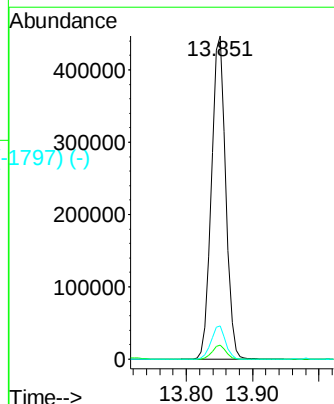
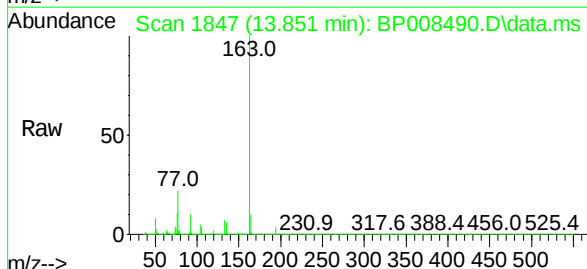
Tgt Ion:163 Resp: 668140

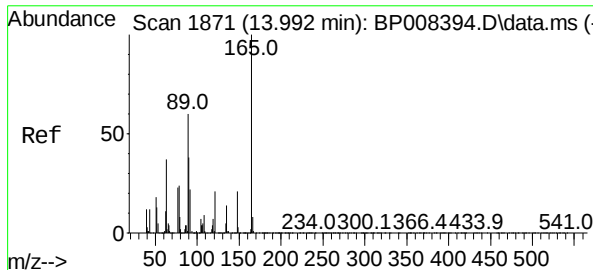
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.3 8.2 12.2





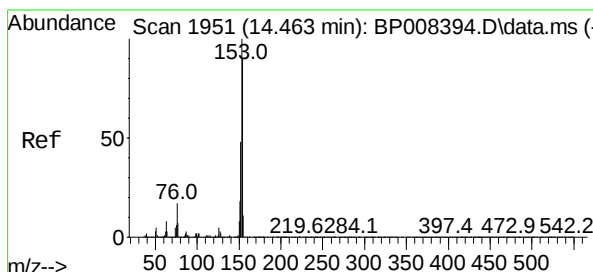
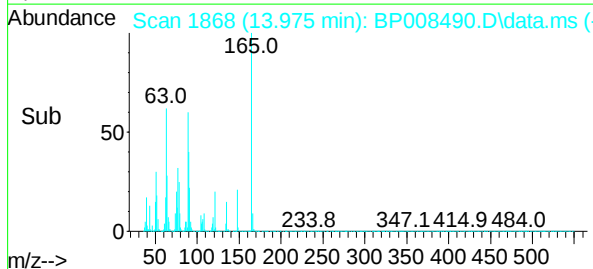
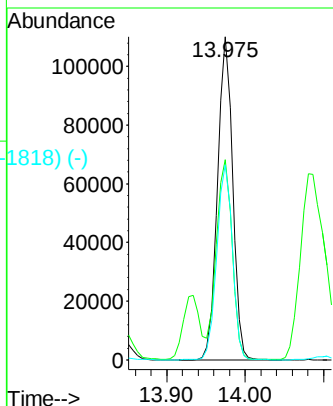
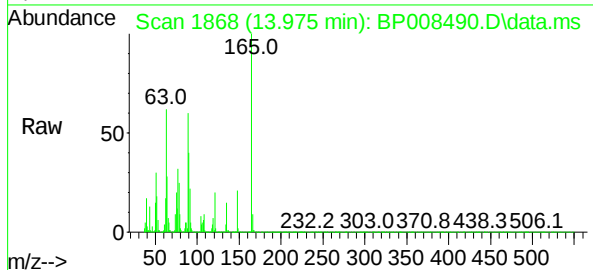
2,6-Dinitrotoluene
Concen: 44.712 ng
RT: 13.975 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :
BNA_P
ClientSampleId :
PB141409BS

Tgt Ion:165 Resp: 14668
Ion Ratio Lower Upper
165 100
63 62.0 50.8 76.2
89 60.4 50.0 75.0

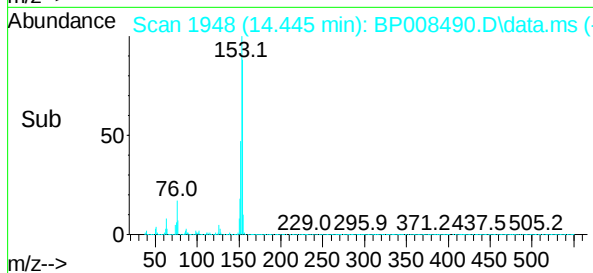
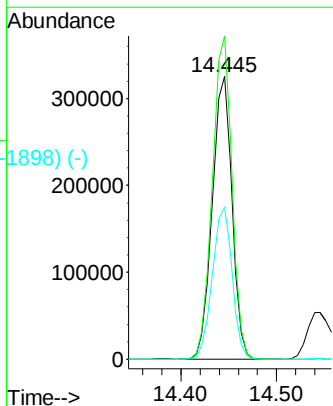
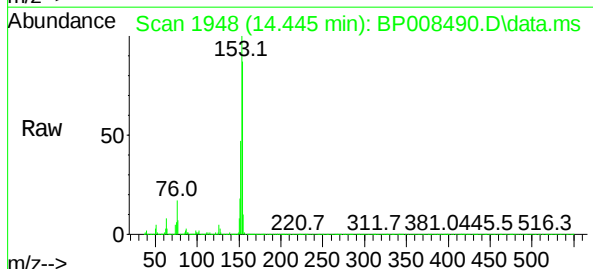
Manual Integrations
APPROVED

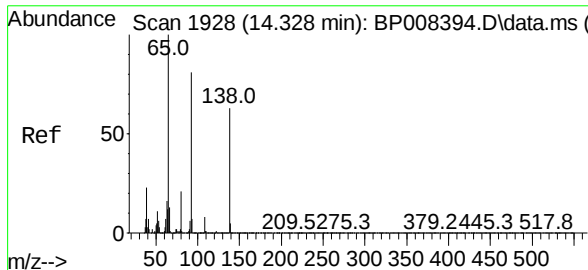
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Acenaphthene
Concen: 41.296 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:154 Resp: 461770
Ion Ratio Lower Upper
154 100
153 114.3 90.3 135.5
152 53.8 43.3 64.9





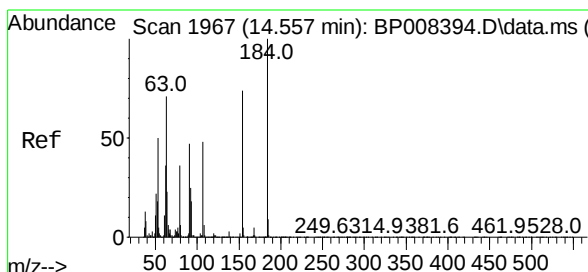
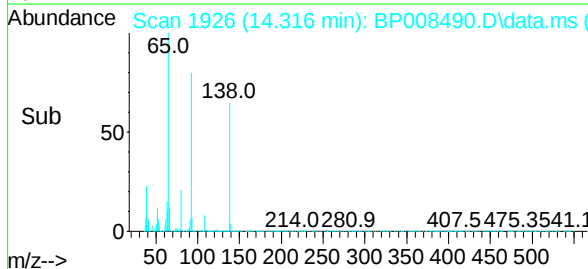
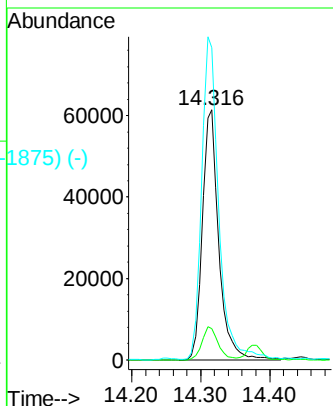
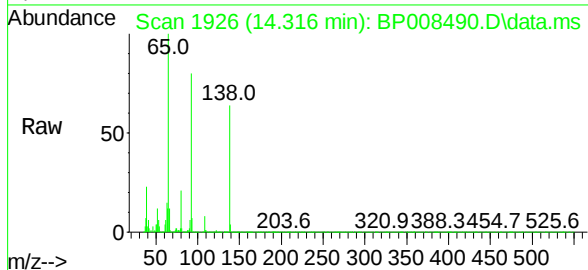
3-Nitroaniline
Concen: 32.627 ng
RT: 14.316 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :
BNA_P
ClientSampleId :
PB141409BS

Tgt Ion:138 Resp: 10082
Ion Ratio Lower Upper
138 100
108 12.5 9.2 13.8
92 124.8 102.9 154.3

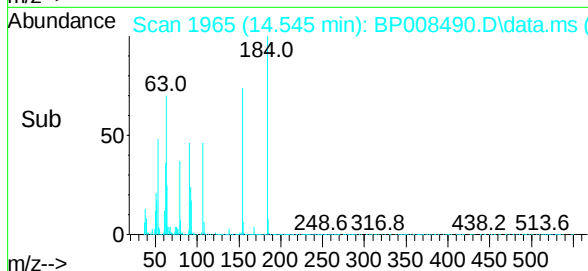
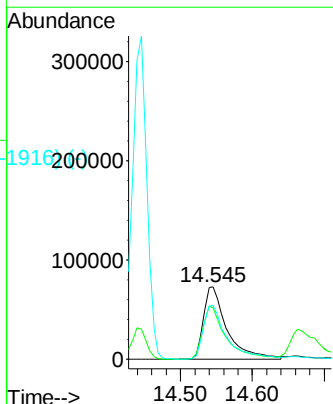
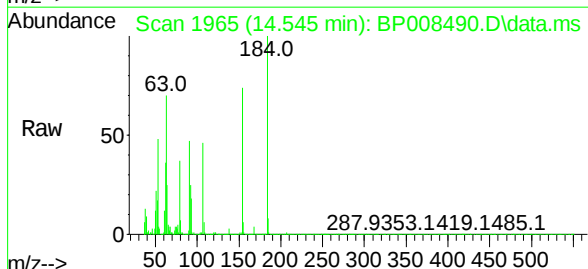
Manual Integrations
APPROVED

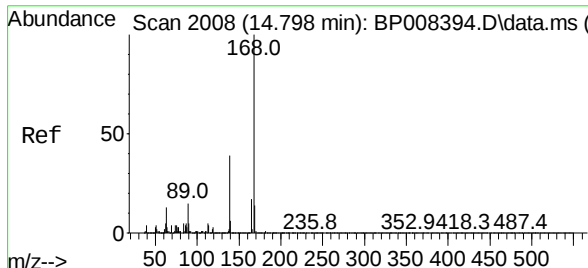
Reviewed By :Christian Giraldo 12/20/2021
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2,4-Dinitrophenol
Concen: 96.145 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:184 Resp: 164623
Ion Ratio Lower Upper
184 100
63 70.2 53.8 80.6
154 73.8 54.2 81.2





Scan 2008 (14.798 min): BP008394.D\data.ms (-1955) (-)
 Dibenzenofuran
 Concen: 40.494 ng
 RT: 14.781 min Scan# 2008
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

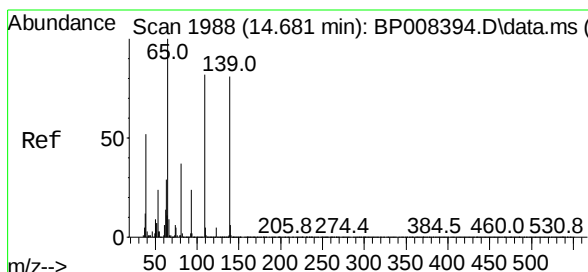
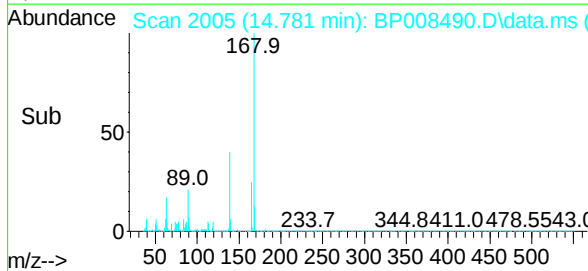
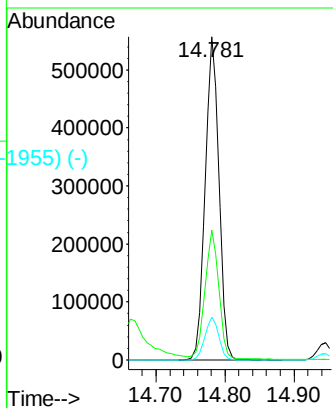
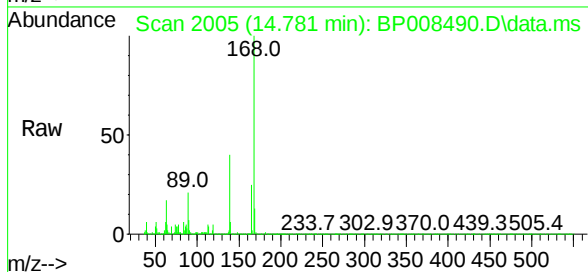
PB141409BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.6	46.0
169	13.2	11.0	16.4

Manual Integrations

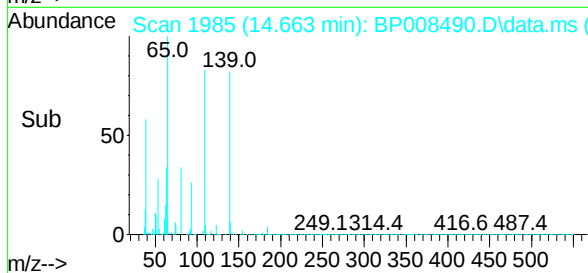
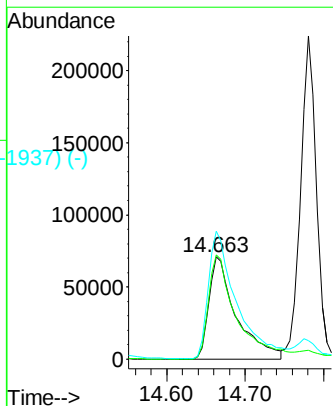
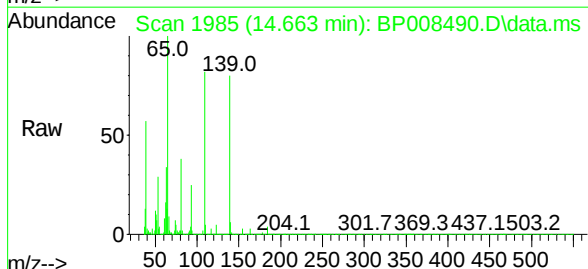
APPROVED

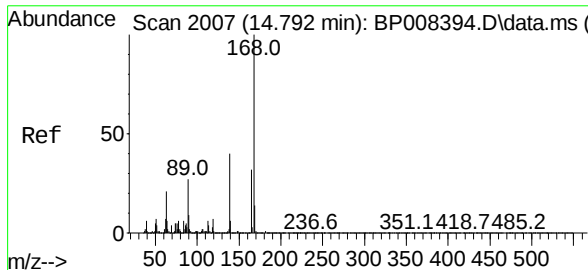
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 1988 (14.681 min): BP008394.D\data.ms (-1956) (-)
 4-Nitrophenol
 Concen: 95.407 ng
 RT: 14.663 min Scan# 1985
 Delta R.T. -0.018 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.2	65.9	105.9
65	124.8	91.9	131.9





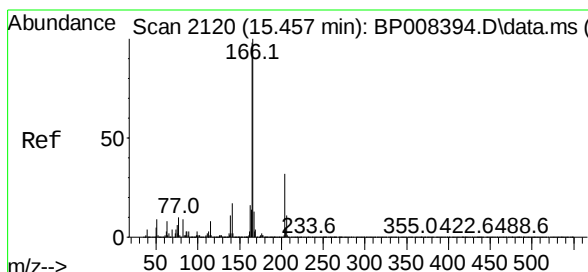
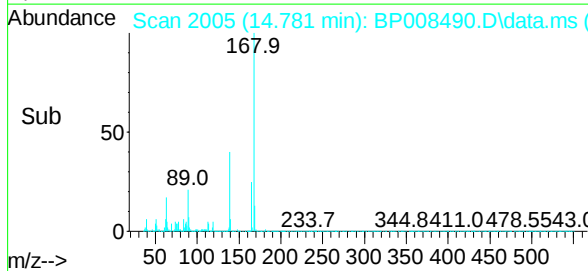
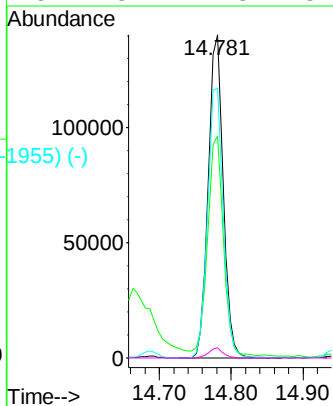
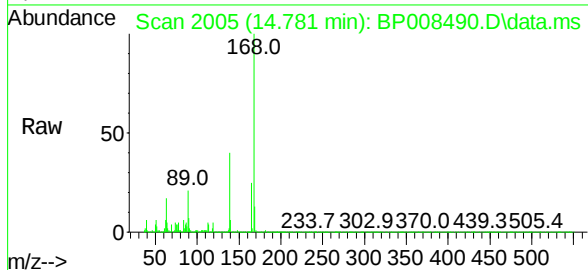
2,4-Dinitrotoluene
 Concen: 46.714 ng
 RT: 14.781 min Scan# 2007
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Instrument :
 BNA_P
 ClientSampleId :
 PB141409BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.7	38.9	58.3
89	83.6	60.5	90.7
182	3.1	2.3	3.5

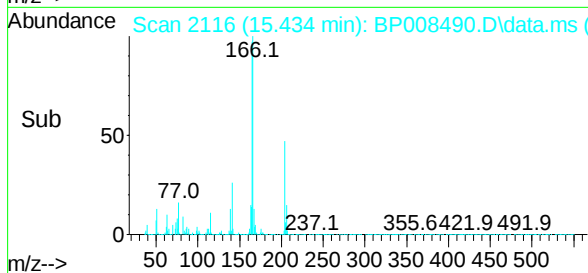
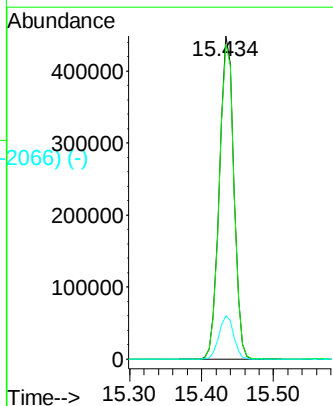
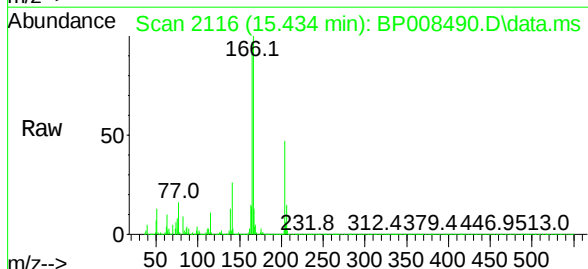
Manual Integrations
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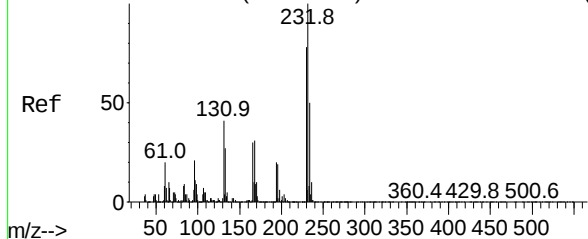


Fluorene
 Concen: 42.459 ng
 RT: 15.434 min Scan# 2116
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.4	119.2
167	13.4	10.9	16.3



Abundance Scan 2049 (15.039 min): BP008394.D\data.ms (-2049) (-)



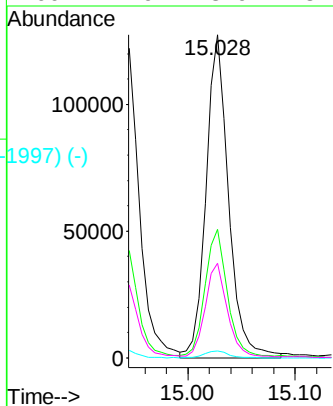
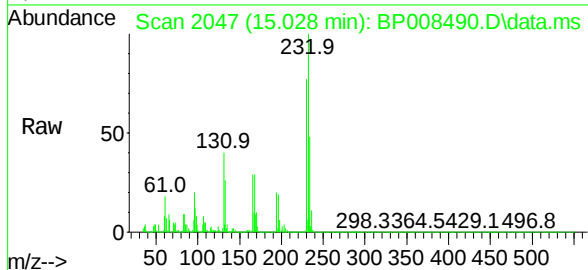
2,3,4,6-Tetrachlorophenol
Concen: 41.980 ng m
RT: 15.028 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :
BNA_P
ClientSampleId :
PB141409BS

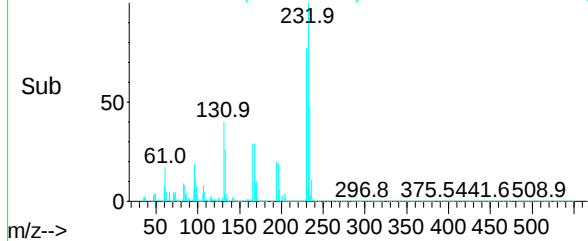
Tgt Ion:232 Resp: 18628
Ion Ratio Lower Upper
232 100
131 34.7 28.1 42.1
130 2.3 1.8 2.8
166 22.9 18.9 28.3

Manual Integrations
APPROVED

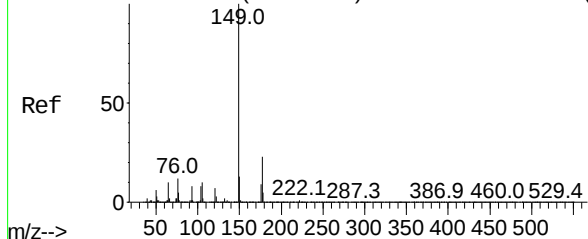
Reviewed By :Christian Giraldo 12/20/2021
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Abundance Scan 2047 (15.028 min): BP008490.D\data.ms (-1997) (-)

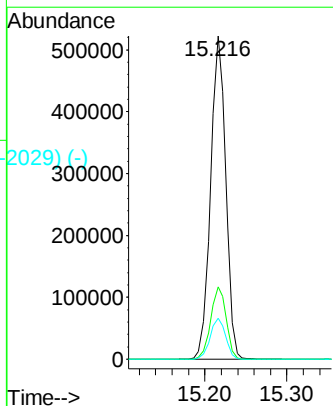
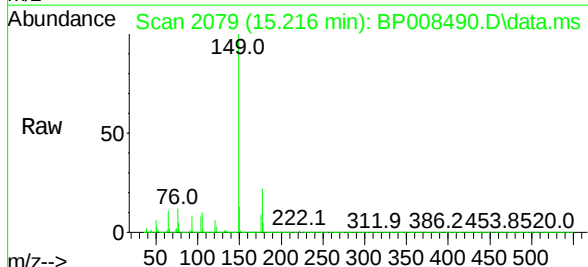


Abundance Scan 2082 (15.234 min): BP008394.D\data.ms (-2078) (-)

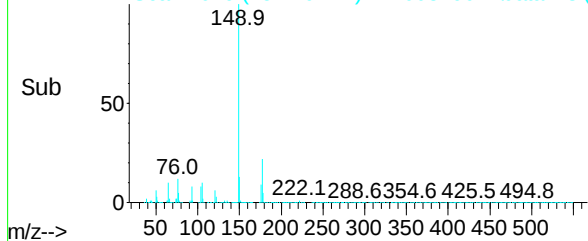


Diethylphthalate
Concen: 44.974 ng
RT: 15.216 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:149 Resp: 670633
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.2
150 12.7 10.3 15.5



Abundance Scan 2079 (15.216 min): BP008490.D\data.ms (-2029) (-)



Abundance Scan 2118 (15.445 min): BP008394.D\data.ms (-2160) (-)

4-Chlorophenyl-phenylether

Concen: 40.935 ng

RT: 15.428 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BP008490.D

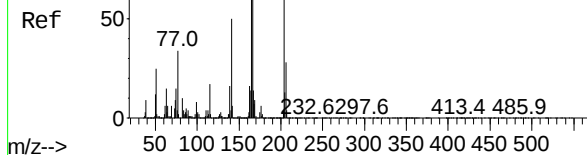
Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

PB141409BS



Tgt Ion:204 Resp: 34492

Ion Ratio Lower Upper

204 100

206 33.9 26.1 39.3

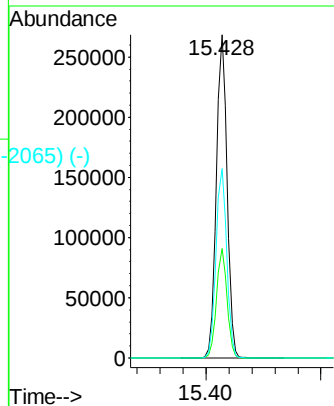
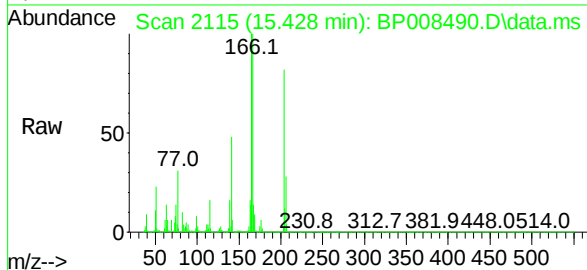
141 58.7 47.4 71.0

Manual Integrations

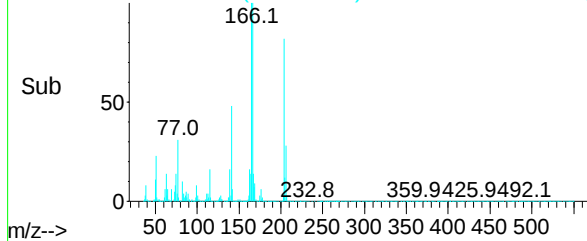
APPROVED

Reviewed By :Christian Giraldo 12/20/2021

Supervised By :mohammad ahmed 12/27/2021



Abundance Scan 2115 (15.428 min): BP008490.D\data.ms (-2065) (-)



Abundance Scan 2127 (15.498 min): BP008394.D\data.ms (-2162) (-)

4-Nitroaniline

Concen: 44.377 ng

RT: 15.487 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BP008490.D

Acq: 18 Dec 2021 15:40

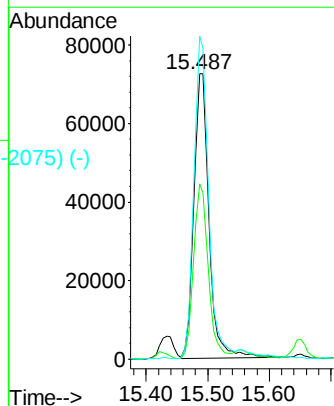
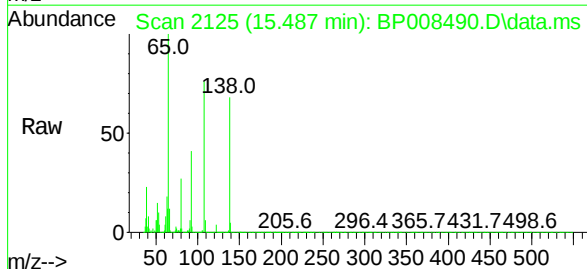
Tgt Ion:138 Resp: 123477

Ion Ratio Lower Upper

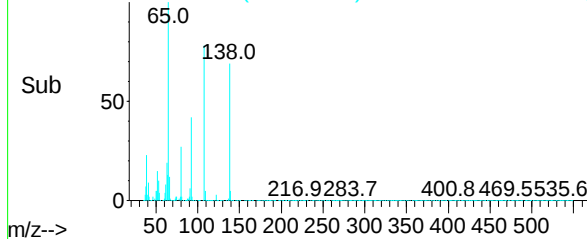
138 100

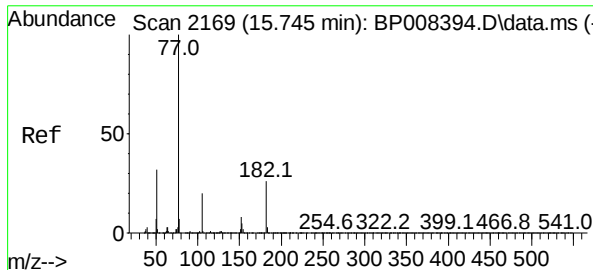
92 61.4 40.8 80.8

108 113.2 77.9 117.9



Abundance Scan 2125 (15.487 min): BP008490.D\data.ms (-2075) (-)





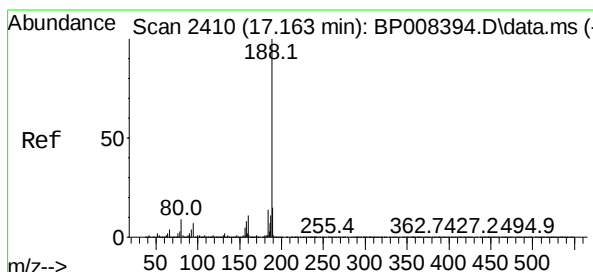
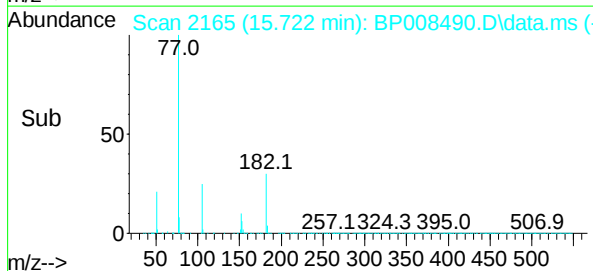
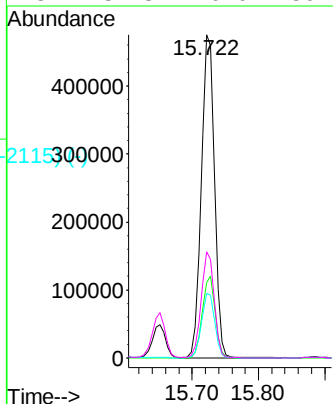
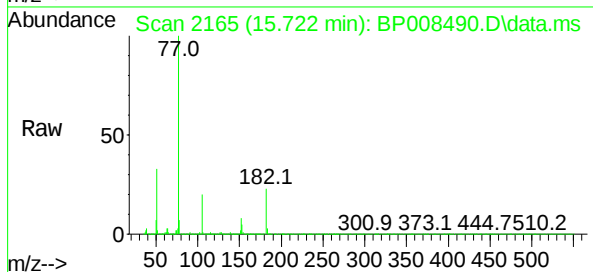
Azobenzene
Concen: 43.908 ng
RT: 15.722 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :
BNA_P
Client Sample Id :
PB141409BS

Tgt Ion: 77 Resp: 66375
Ion Ratio Lower Upper
77 100
182 23.4 3.8 43.8
105 20.0 0.5 40.5
51 32.8 10.0 50.0

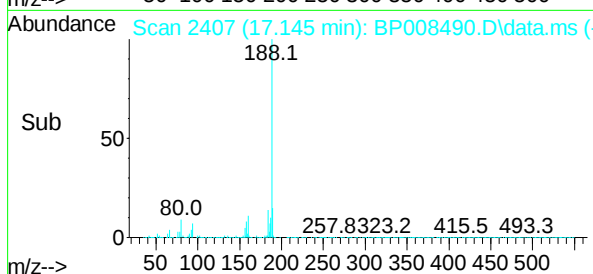
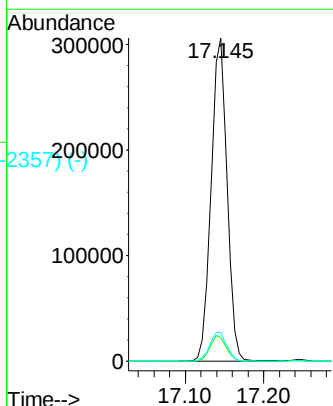
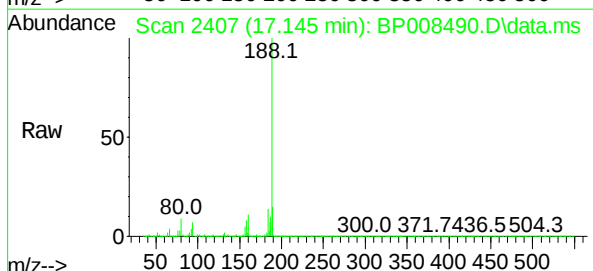
Manual Integrations
APPROVED

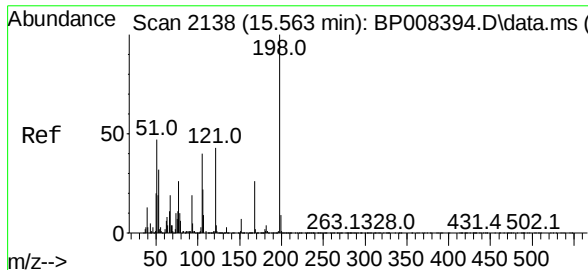
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:188 Resp: 429248
Ion Ratio Lower Upper
188 100
94 7.4 7.2 10.8
80 9.0 8.2 12.4





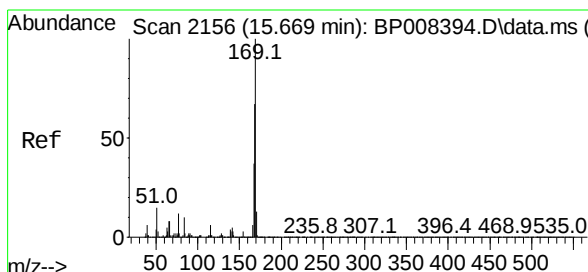
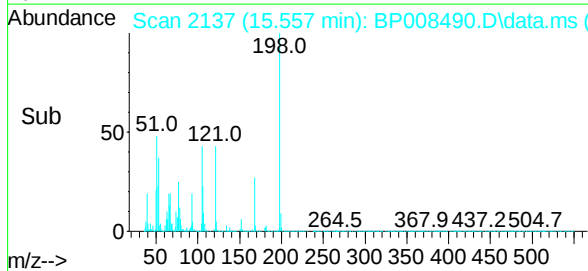
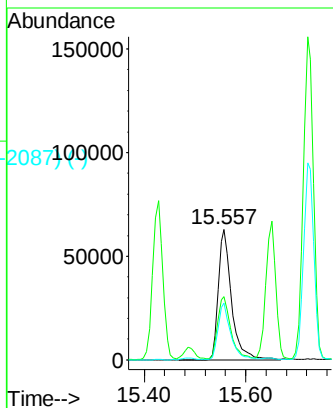
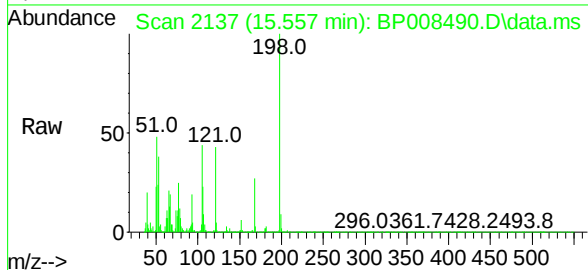
4,6-Dinitro-2-methylphenol
Concen: 40.455 ng
RT: 15.557 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :
BNA_P
ClientSampleId :
PB141409BS

Tgt Ion:198 Resp: 11345
Ion Ratio Lower Upper
198 100
51 48.4 25.9 65.9
105 43.7 20.2 60.2

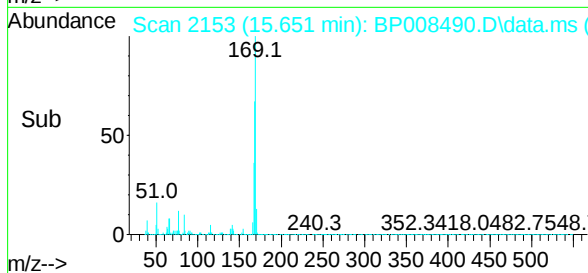
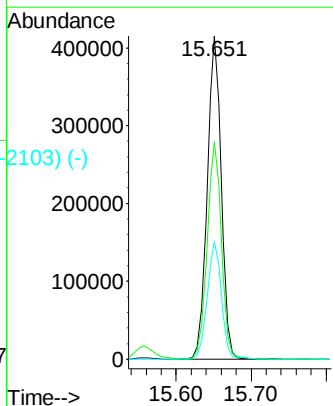
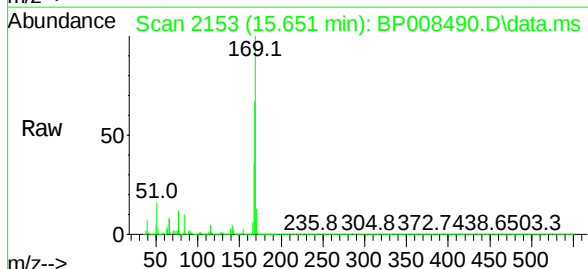
Manual Integrations
APPROVED

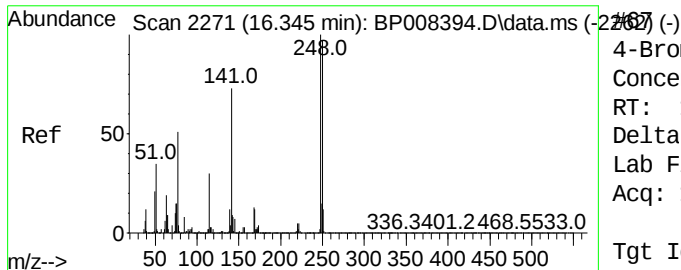
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



n-Nitrosodiphenylamine
Concen: 40.463 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:169 Resp: 546846
Ion Ratio Lower Upper
169 100
168 67.2 53.5 80.3
167 36.4 29.3 43.9





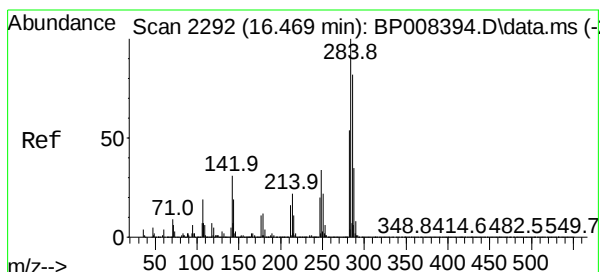
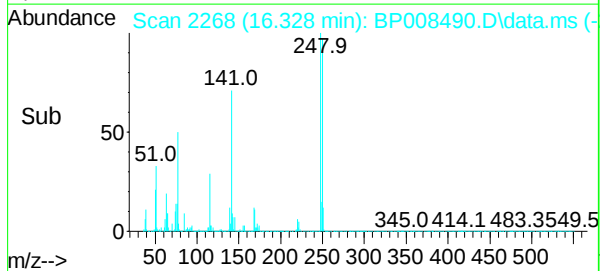
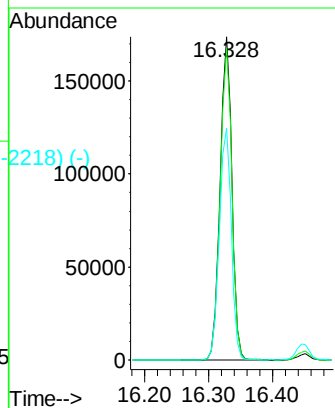
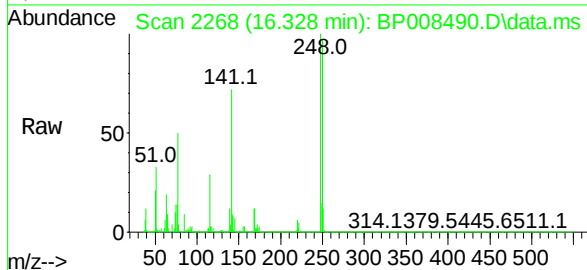
4-Bromophenyl-phenylether
Concen: 39.848 ng
RT: 16.328 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :
BNA_P
ClientSampleId :
PB141409BS

Tgt Ion:248 Resp: 22278
Ion Ratio Lower Upper
248 100
250 96.6 78.6 117.8
141 71.6 57.0 85.6

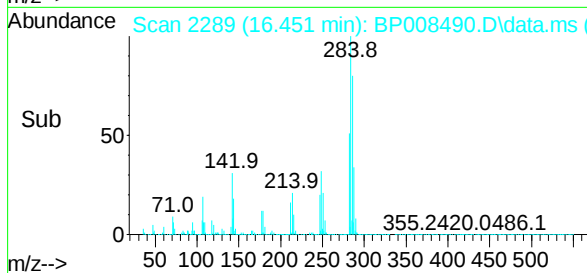
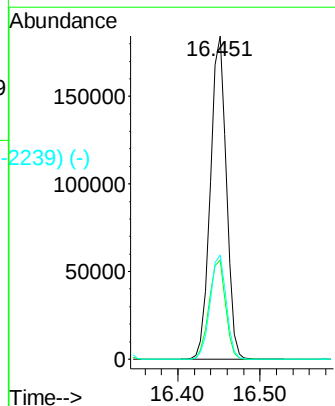
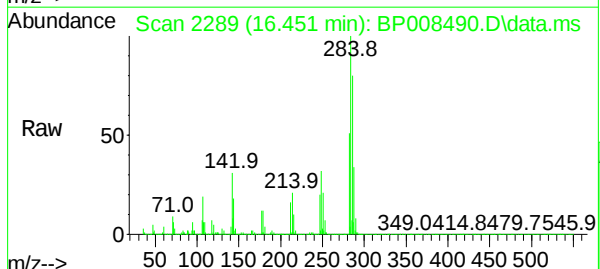
Manual Integrations
APPROVED

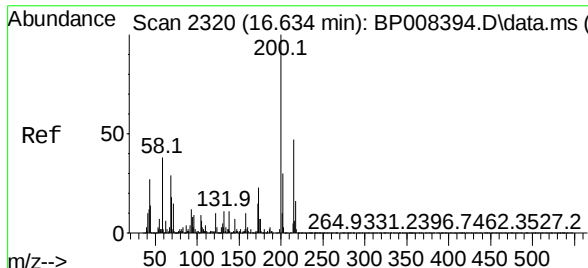
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Hexachlorobenzene
Concen: 40.499 ng
RT: 16.451 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:284 Resp: 249362
Ion Ratio Lower Upper
284 100
142 30.6 28.6 42.8
249 32.3 27.1 40.7





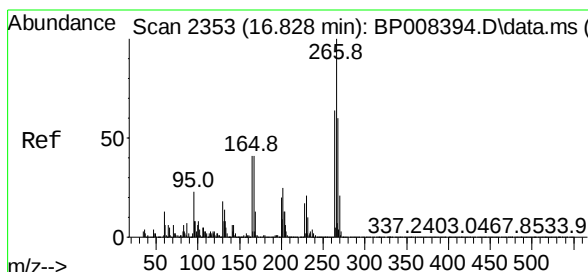
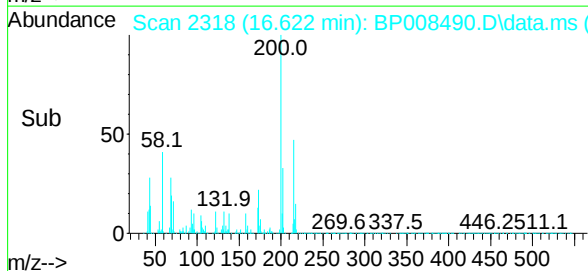
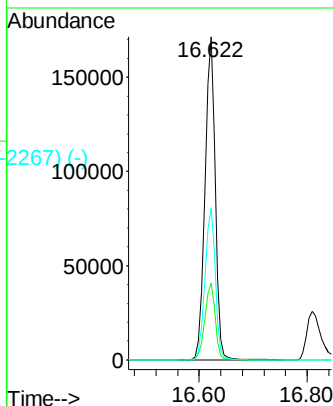
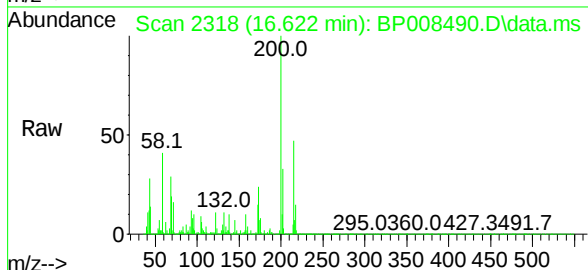
Atrazine
Concen: 75.250 ng
RT: 16.622 min Scan# 2318
Delta R.T. 0.000 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :
BNA_P
ClientSampleId :
PB141409BS

Tgt Ion:200 Resp: 22404
Ion Ratio Lower Upper
200 100
173 23.7 6.8 46.8
215 47.1 28.4 68.4

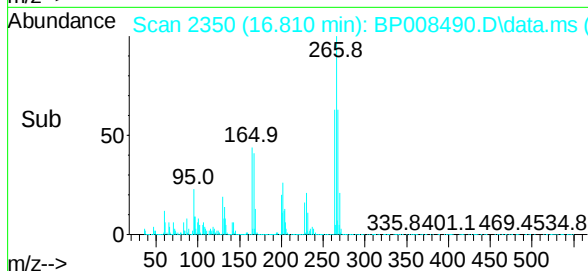
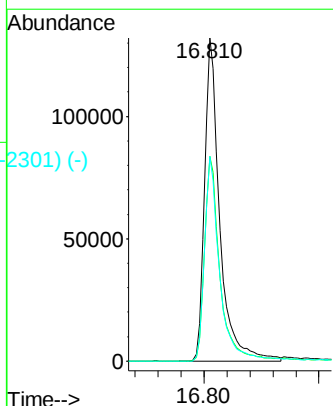
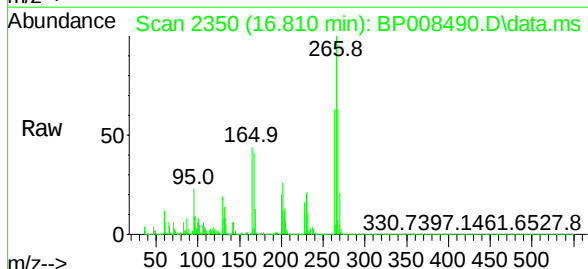
Manual Integrations
APPROVED

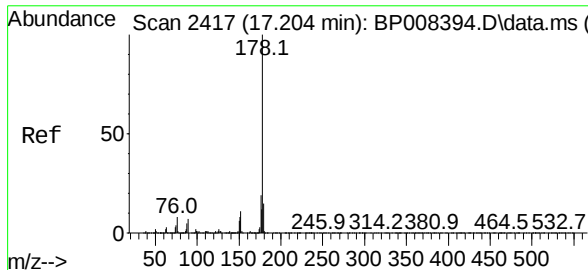
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Pentachlorophenol
Concen: 88.340 ng
RT: 16.810 min Scan# 2350
Delta R.T. -0.012 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:266 Resp: 243086
Ion Ratio Lower Upper
266 100
268 63.4 50.1 75.1
264 63.3 49.5 74.3





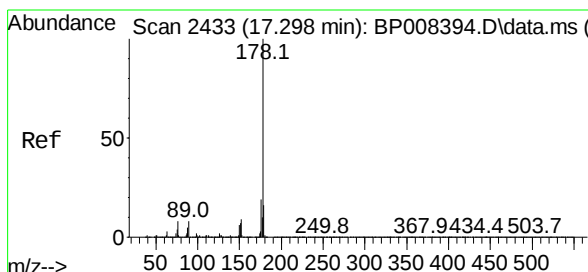
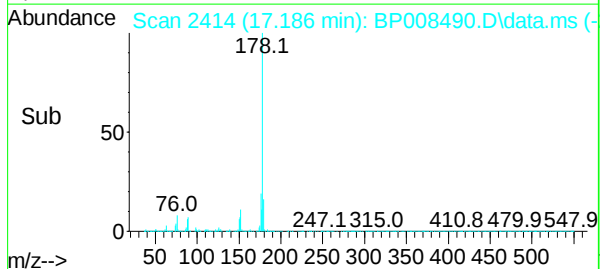
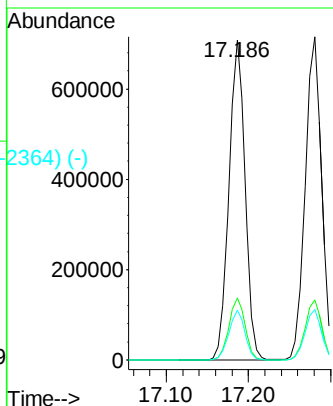
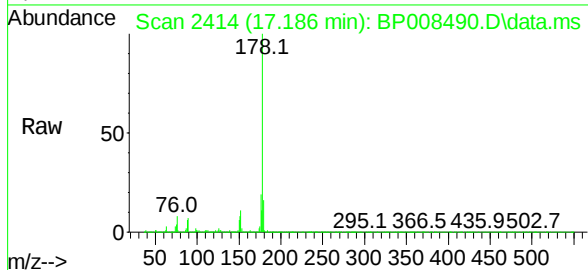
Phenanthrene
Concen: 41.735 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :
BNA_P
ClientSampleId :
PB141409BS

Tgt Ion:178 Resp: 97042
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.5 12.5 18.7

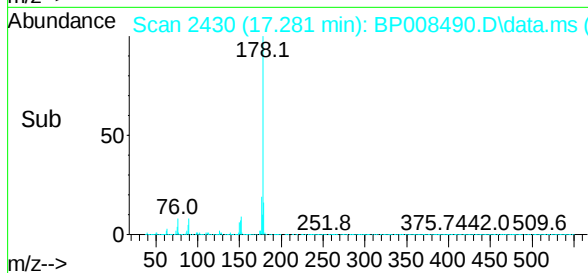
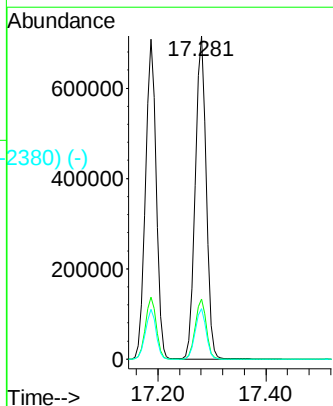
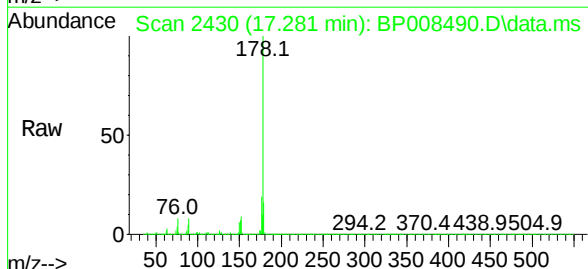
Manual Integrations
APPROVED

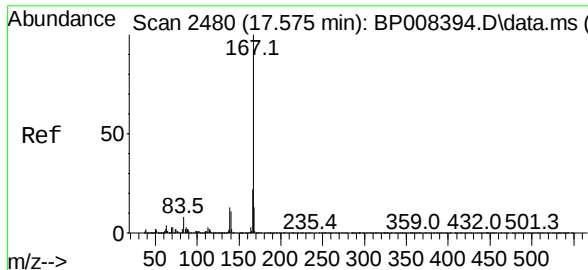
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Anthracene
Concen: 43.506 ng
RT: 17.281 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:178 Resp: 998063
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.6 12.3 18.5





Carbazole
Concen: 40.808 ng
RT: 17.563 min Scan# 2478
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

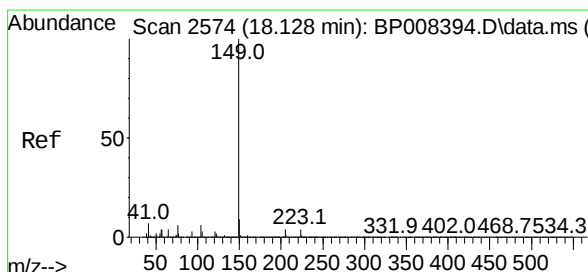
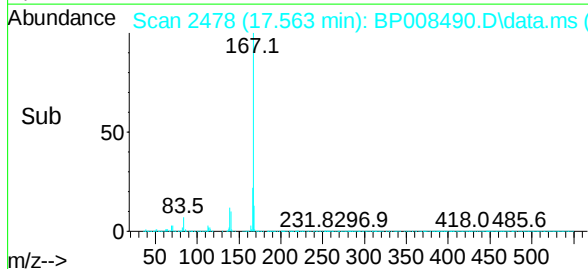
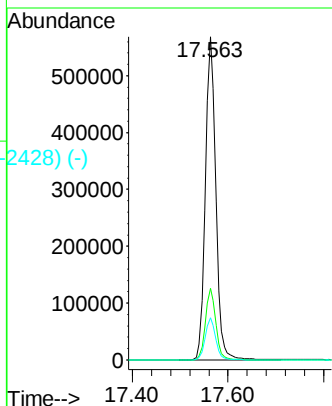
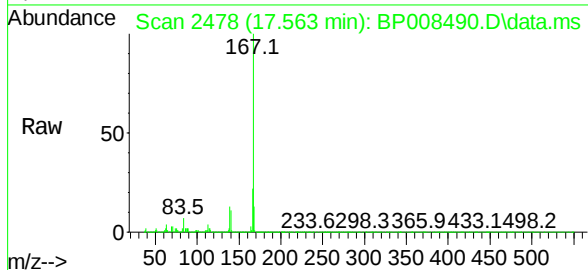
PB141409BS

Tgt Ion:167 Resp: 85668
Ion Ratio Lower Upper
167 100
166 22.3 17.4 26.0
139 13.1 10.2 15.2

Manual Integrations

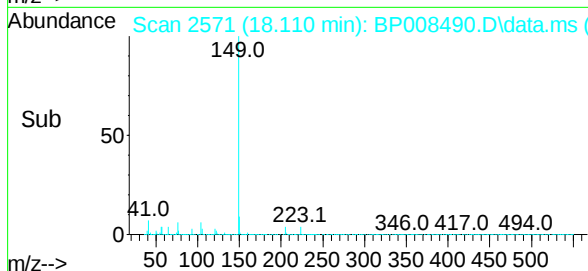
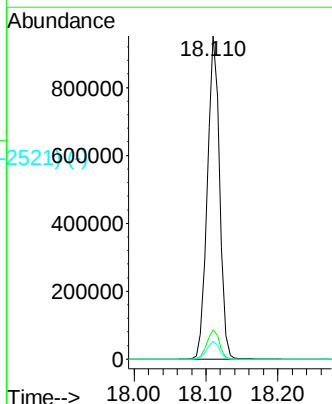
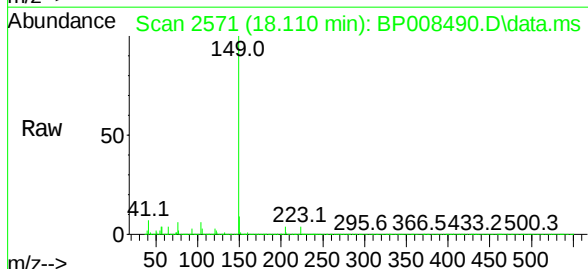
APPROVED

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Supervised By :mohammad ahmed 12/27/2021

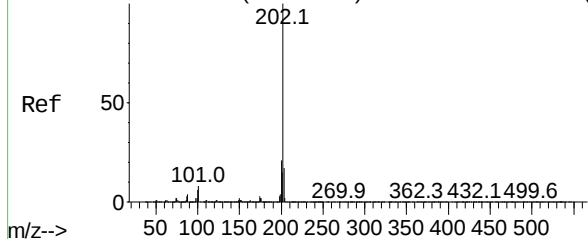


Di-n-butylphthalate
Concen: 46.915 ng
RT: 18.110 min Scan# 2571
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:149 Resp: 1129957
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 5.6 4.4 6.6



Abundance Scan 2754 (19.186 min): BP008394.D\data.ms (-2775) (-)



Fluoranthene

Concen: 44.576 ng

RT: 19.169 min Scan# 2754

Delta R.T. -0.006 min

Lab File: BP008490.D

Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

PB141409BS

Tgt Ion:202 Resp: 117017

Ion Ratio Lower Upper

202 100

101 8.5 0.0 29.8

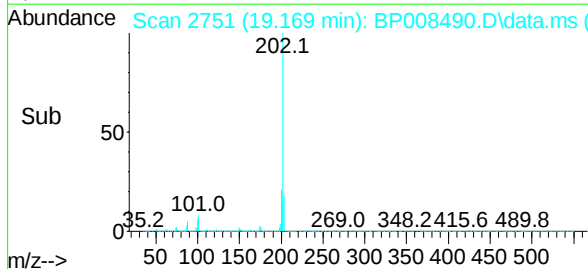
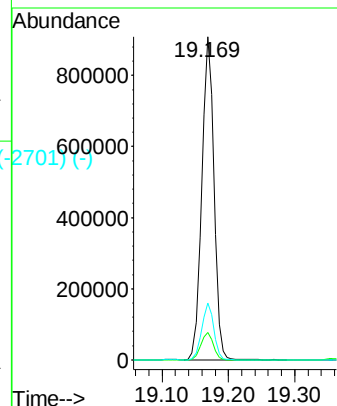
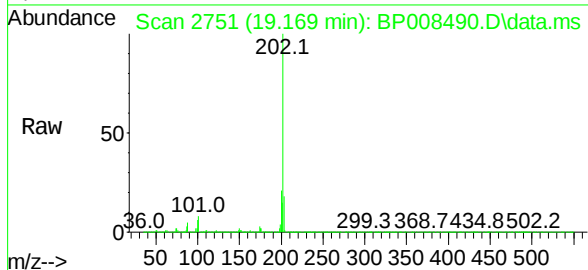
203 17.6 0.0 37.7

Manual Integrations

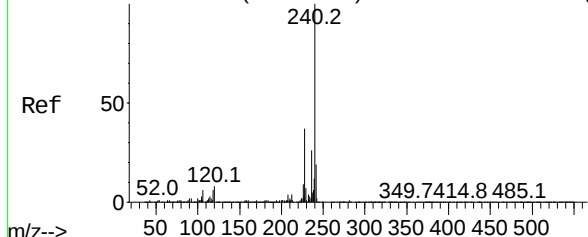
APPROVED

Reviewed By :Christian Giraldo 12/20/2021

Supervised By :mohammad ahmed 12/27/2021



Abundance Scan 3108 (21.269 min): BP008394.D\data.ms (-3056) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 21.257 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP008490.D

Acq: 18 Dec 2021 15:40

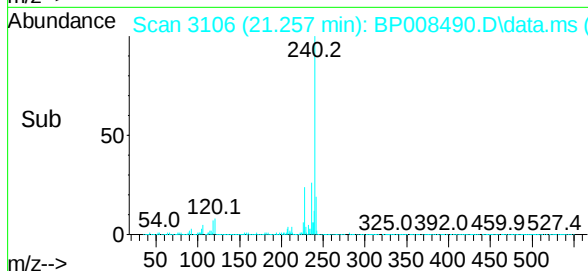
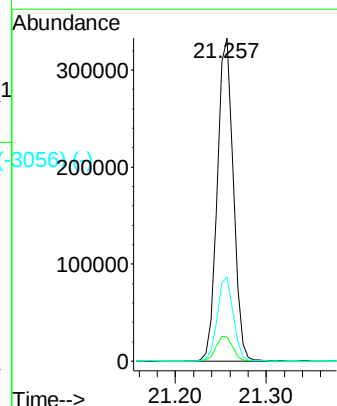
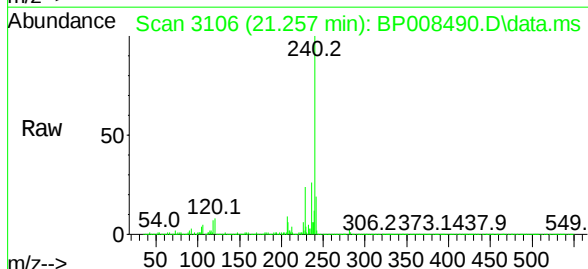
Tgt Ion:240 Resp: 409546

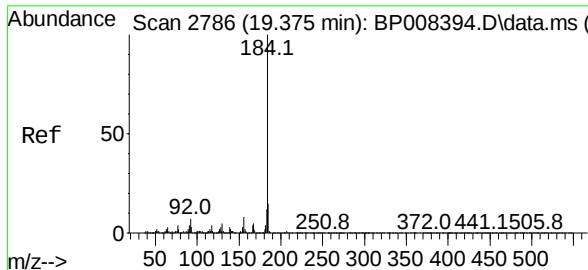
Ion Ratio Lower Upper

240 100

120 7.6 7.3 10.9

236 26.1 21.4 32.2





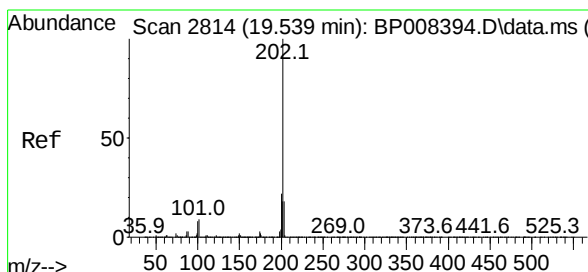
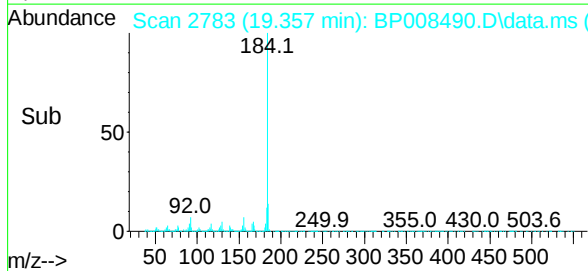
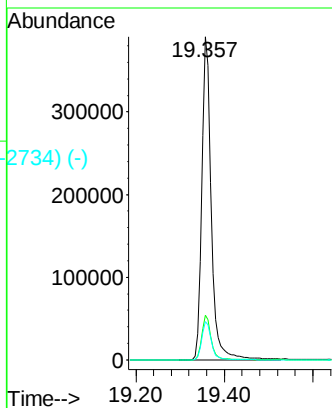
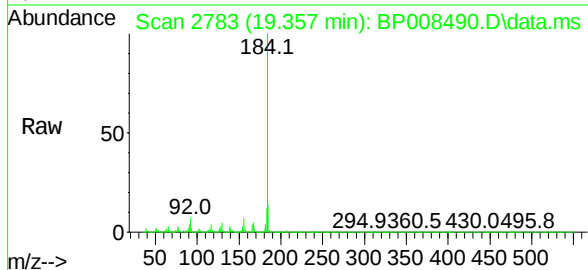
Benzidine
Concen: 141.851 ng
RT: 19.357 min Scan# 2786
Delta R.T. -0.012 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :
BNA_P
ClientSampleId :
PB141409BS

Tgt Ion:184 Resp: 58928
Ion Ratio Lower Upper
184 100
185 13.8 10.3 15.5
183 11.9 9.1 13.7

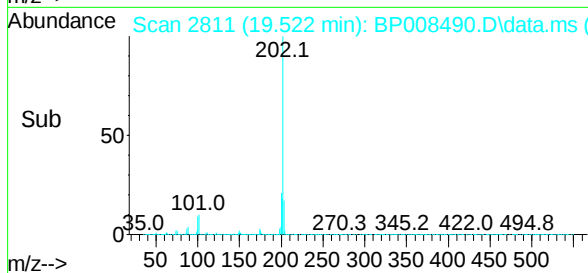
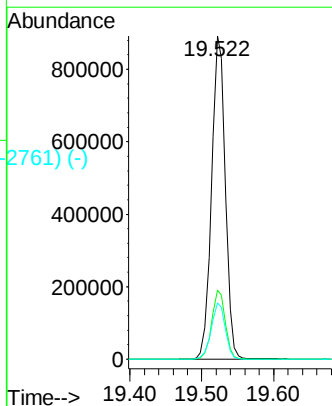
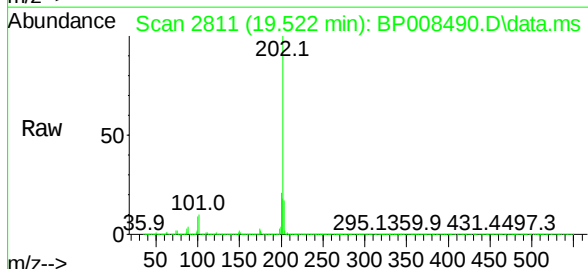
Manual Integrations
APPROVED

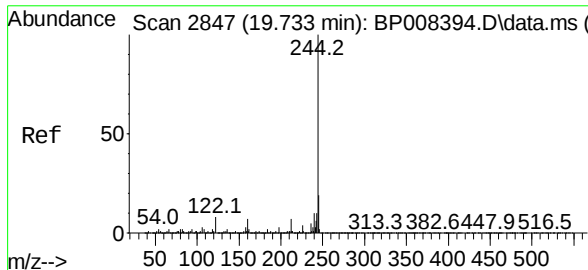
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Pyrene
Concen: 40.365 ng
RT: 19.522 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:202 Resp: 1182741
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.3 14.2 21.2





Terphenyl-d14
Concen: 80.256 ng
RT: 19.722 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

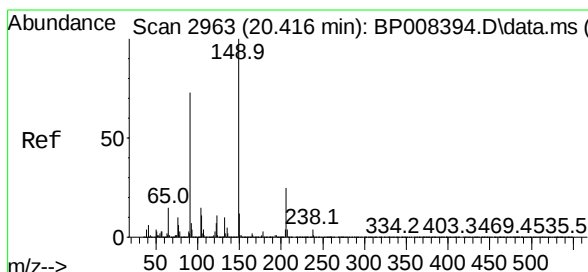
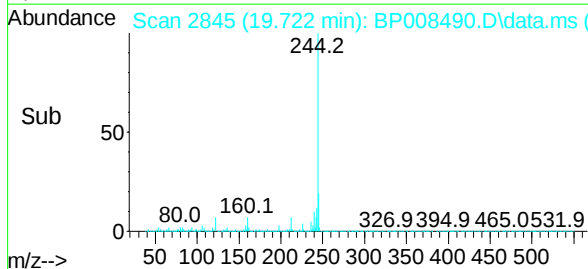
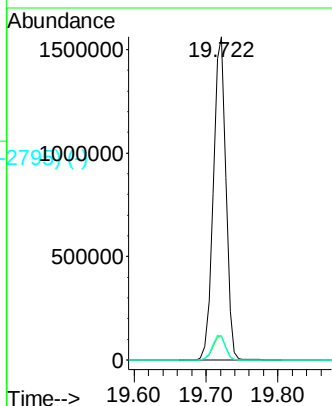
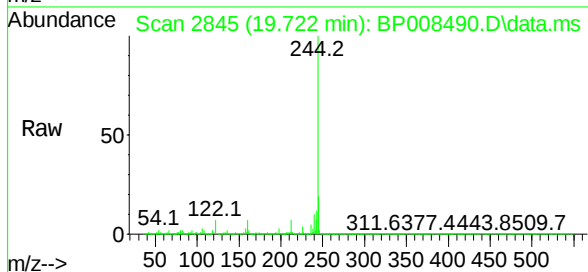
PB141409BS

Tgt Ion:244 Resp: 188857
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 7.4 6.6 9.8

Manual Integrations

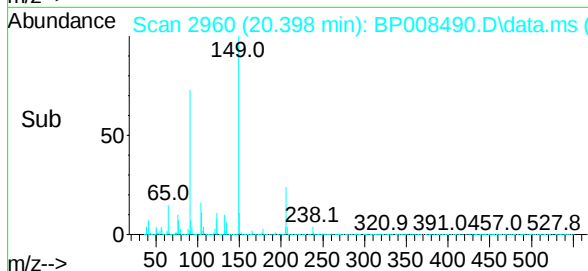
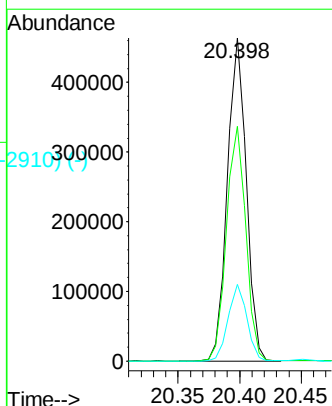
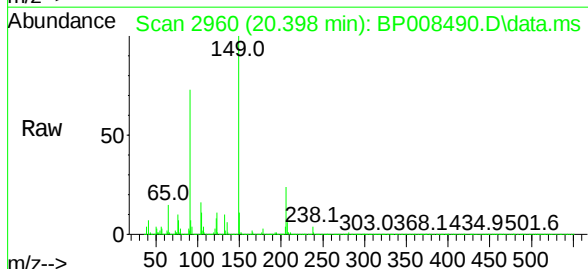
APPROVED

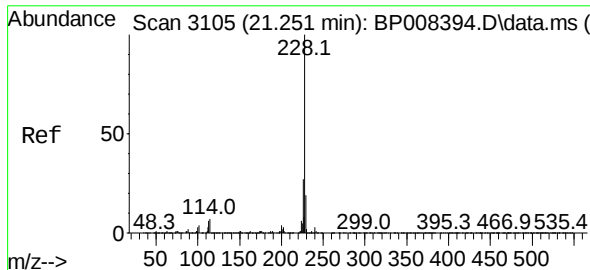
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Butylbenzylphthalate
Concen: 46.376 ng
RT: 20.398 min Scan# 2960
Delta R.T. -0.006 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:149 Resp: 494747
Ion Ratio Lower Upper
149 100
91 72.7 59.8 89.8
206 23.8 18.6 27.8





Scan 3105 (21.251 min): BP008394.D\data.ms (-3058) (-)
 Benzo(a)anthracene
 Concen: 40.701 ng
 RT: 21.239 min Scan# 3105
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Instrument :

BNP_P

ClientSampleId :

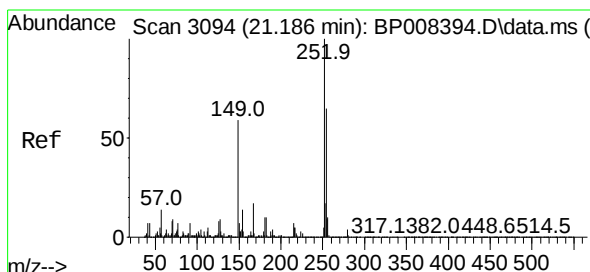
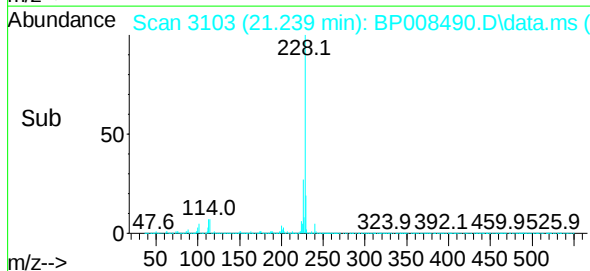
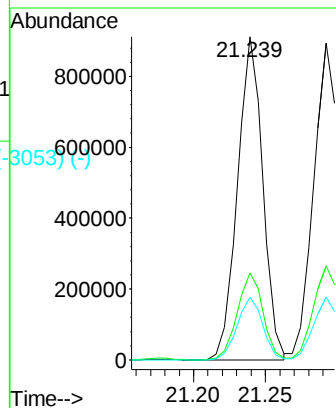
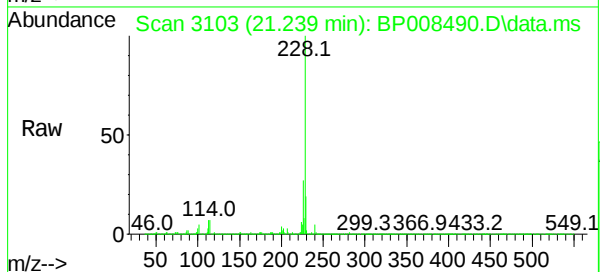
BP141409BS

Tgt Ion:228 Resp: 111711
 Ion Ratio Lower Upper
 228 100
 226 26.9 21.9 32.9
 229 19.5 15.9 23.9

Manual Integrations

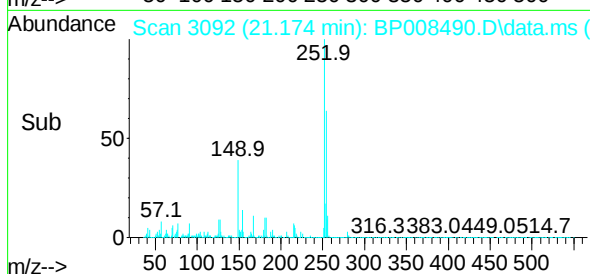
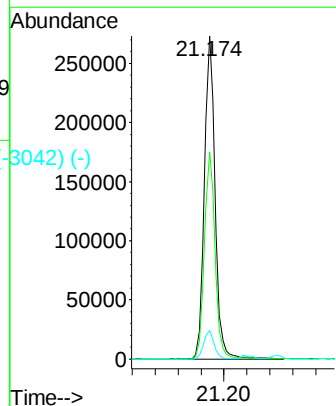
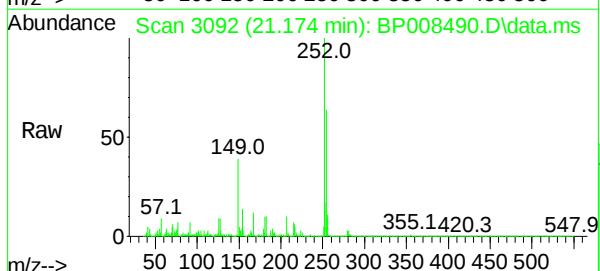
APPROVED

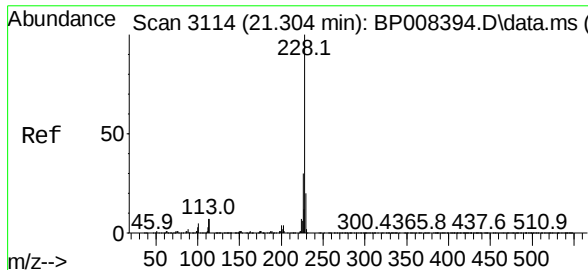
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 3094 (21.186 min): BP008394.D\data.ms (-3082) (-)
 3,3'-Dichlorobenzidine
 Concen: 27.874 ng
 RT: 21.174 min Scan# 3092
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Tgt Ion:252 Resp: 352010
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.4 78.6
 126 8.8 7.6 11.4





Scan 3114 (21.304 min): BP008394.D\data.ms (-3114) (-)
 Chrysene
 Concen: 41.661 ng
 RT: 21.292 min Scan# 3114
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

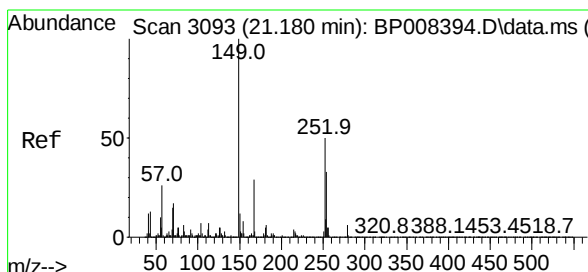
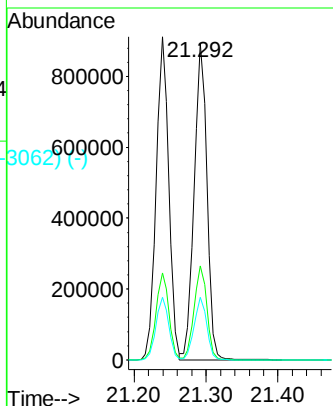
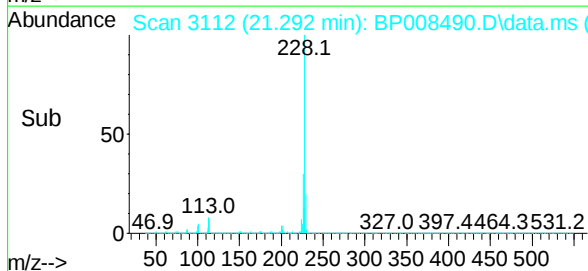
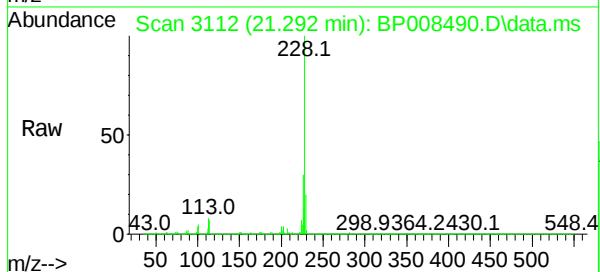
PB141409BS

Tgt Ion:228 Resp: 109220
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.0 36.0
 229 19.8 15.8 23.8

Manual Integrations

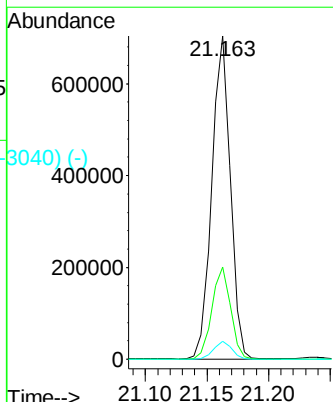
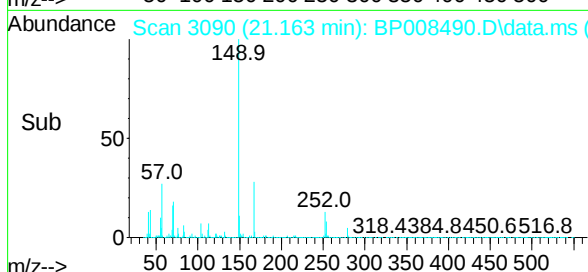
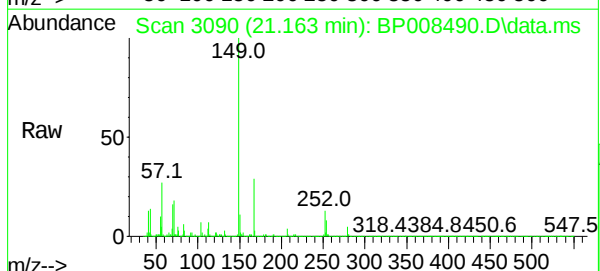
APPROVED

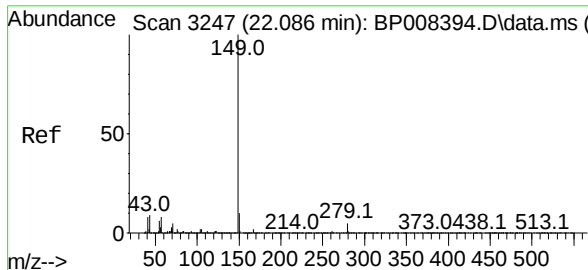
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 3093 (21.180 min): BP008394.D\data.ms (-3093) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 49.470 ng
 RT: 21.163 min Scan# 3090
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Tgt Ion:149 Resp: 743080
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.5 33.7
 279 5.4 3.5 5.3#





Di-n-octyl phthalate
 Concen: 47.652 ng
 RT: 22.069 min Scan# 3247
 Delta R.T. -0.006 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

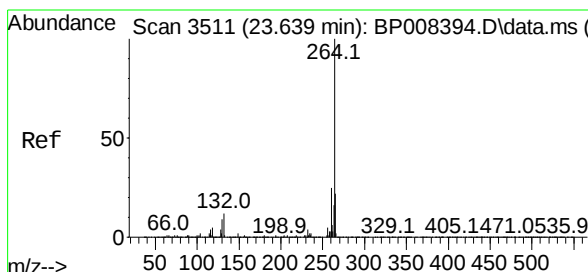
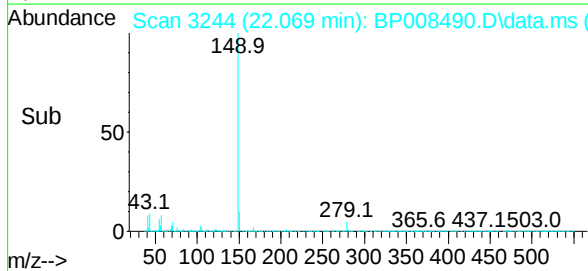
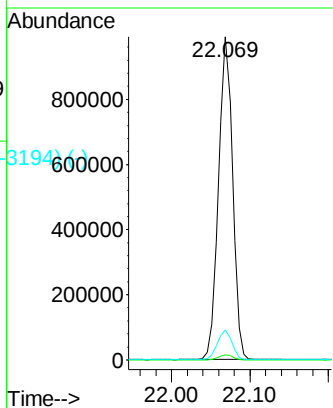
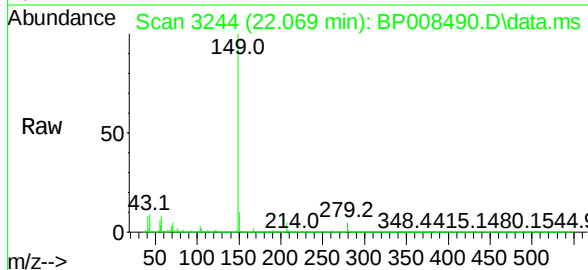
Instrument :
 BNA_P
 ClientSampleId :
 PB141409BS

Tgt Ion:149 Resp: 123448

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.9	11.9

Manual Integrations
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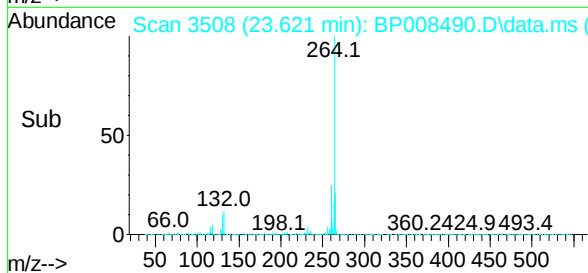
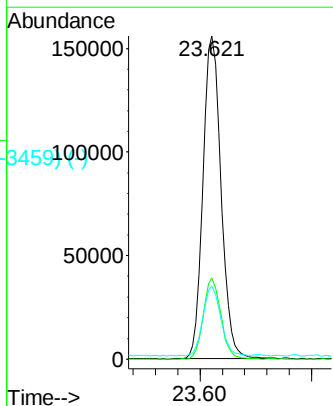
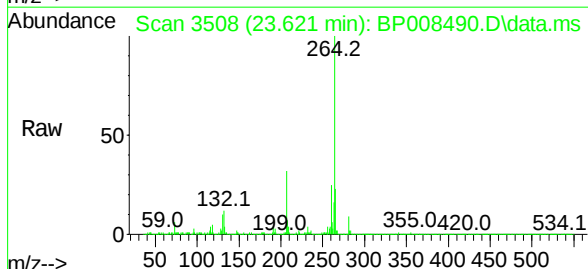
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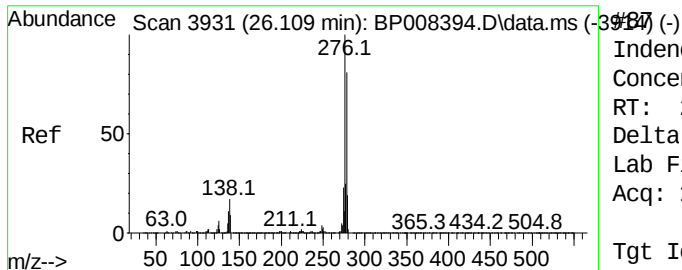


Perylene-d12
 Concen: 20.000 ng
 RT: 23.621 min Scan# 3508
 Delta R.T. -0.012 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Tgt Ion:264 Resp: 349766

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	22.5	17.6	26.4





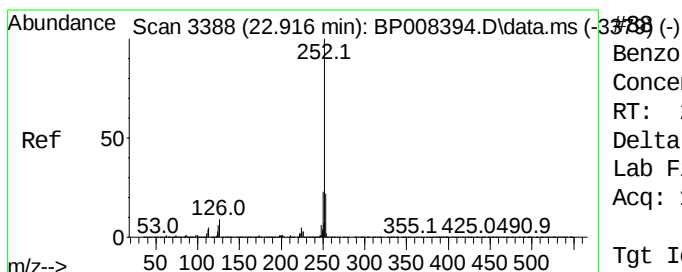
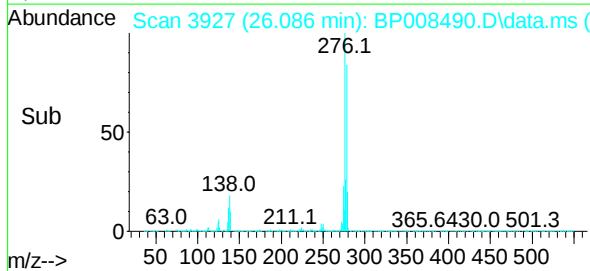
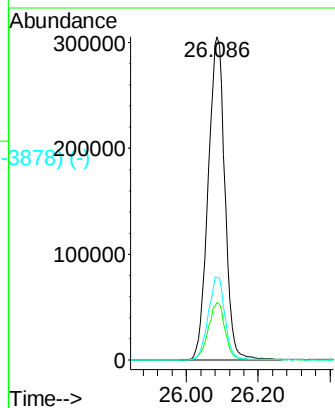
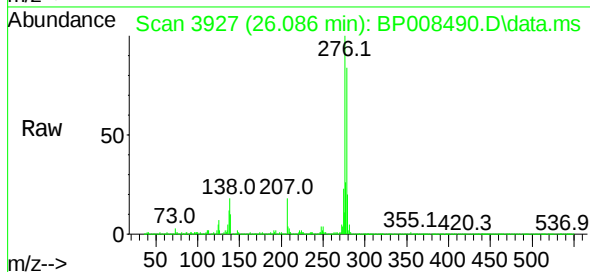
Indeno(1,2,3-cd)pyrene
Concen: 35.850 ng
RT: 26.086 min Scan# 3927
Delta R.T. -0.012 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Instrument :
BNA_P
ClientSampleId :
PB141409BS

Tgt Ion:276 Resp: 9870
Ion Ratio Lower Upper
276 100
138 17.6 16.6 25.0
277 25.5 20.2 30.2

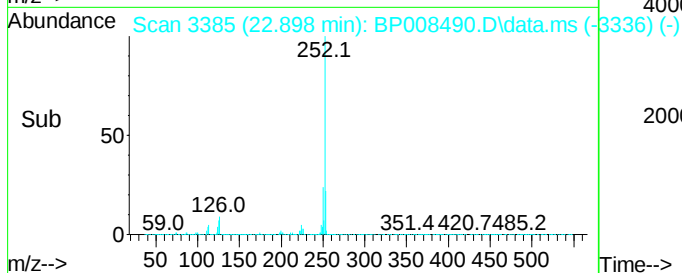
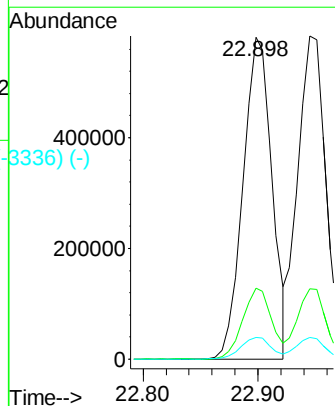
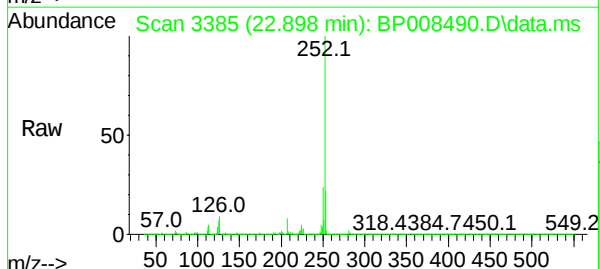
Manual Integrations
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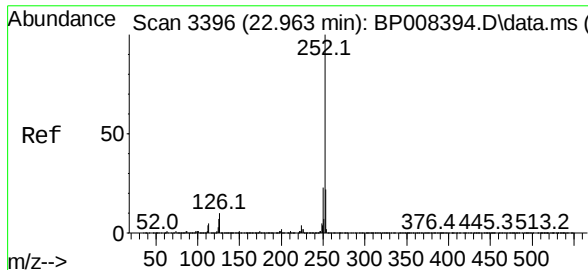
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Benzo(b)fluoranthene
Concen: 48.192 ng
RT: 22.898 min Scan# 3385
Delta R.T. -0.012 min
Lab File: BP008490.D
Acq: 18 Dec 2021 15:40

Tgt Ion:252 Resp: 1013957
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 6.7 6.2 9.4





Benzo(k)fluoranthene
 Concen: 46.760 ng
 RT: 22.945 min Scan# 3396
 Delta R.T. -0.012 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Instrument :

BNA_P

ClientSampleId :

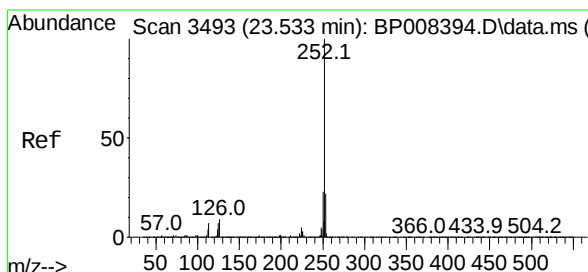
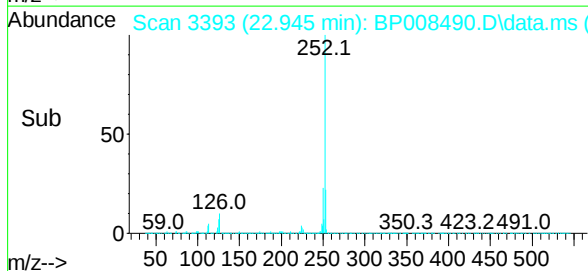
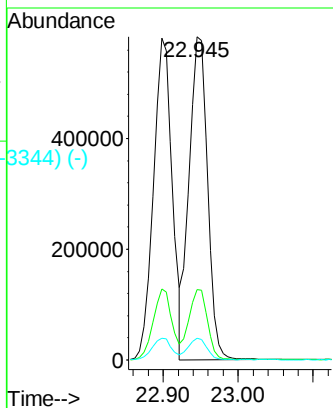
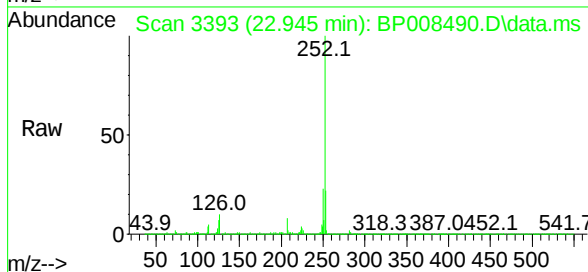
PB141409BS

Tgt Ion:252 Resp: 99210
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.3 25.9
 125 6.8 6.5 9.7

Manual Integrations

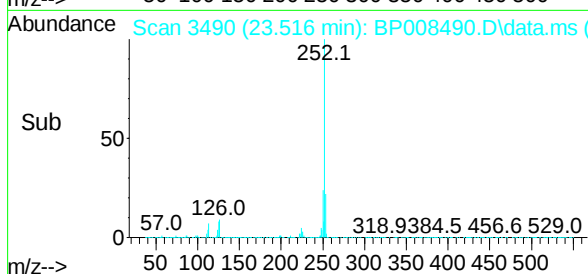
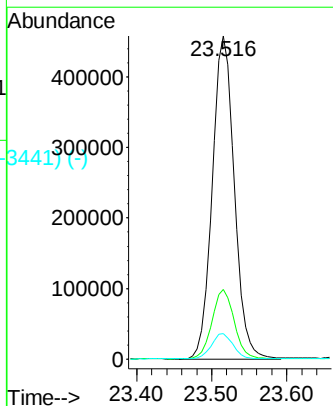
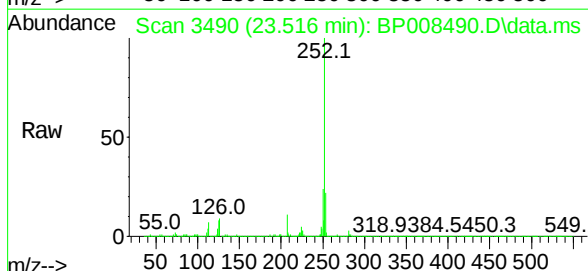
APPROVED

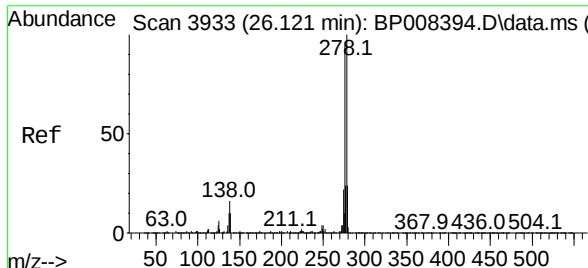
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Benzo(a)pyrene
 Concen: 50.998 ng
 RT: 23.516 min Scan# 3490
 Delta R.T. -0.012 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Tgt Ion:252 Resp: 931304
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.6 26.4
 125 7.9 7.4 11.0





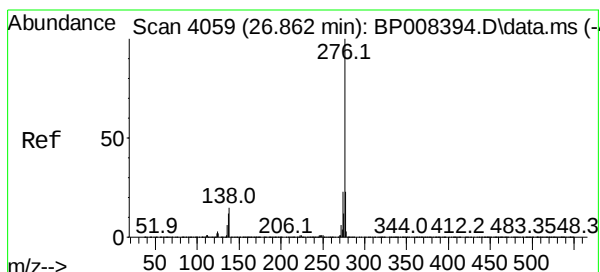
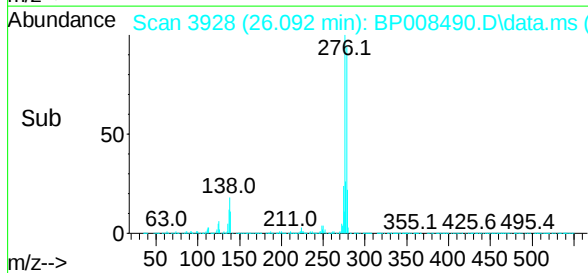
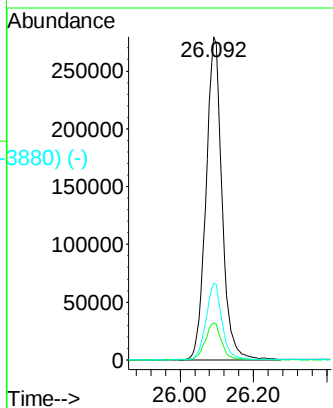
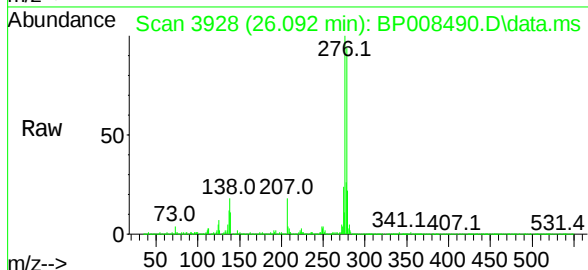
Scan 3933 (26.121 min): BP008394.D\data.ms (-3933) (-)
 Dibenzo(a,h)anthracene
 Concen: 36.607 ng
 RT: 26.092 min Scan# 3933
 Delta R.T. -0.018 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Instrument :
 BNA_P
 ClientSampleId :
 PB141409BS

Tgt Ion:	278	Resp:	84369
Ion Ratio	Lower	Upper	
278	100		
139	11.5	10.8	16.2
279	23.7	19.1	28.7

Manual Integrations
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Scan 4059 (26.862 min): BP008394.D\data.ms (-4059) (-)
 Benzo(g,h,i)perylene
 Concen: 35.731 ng
 RT: 26.839 min Scan# 4055
 Delta R.T. -0.018 min
 Lab File: BP008490.D
 Acq: 18 Dec 2021 15:40

Tgt Ion:	276	Resp:	815478
Ion Ratio	Lower	Upper	
276	100		
277	24.0	20.0	30.0
138	15.3	14.1	21.1

