

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
 Data File : BP008498.D
 Acq On : 18 Dec 2021 20:22
 Operator : CG/JU
 Sample : M5076-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-15-GMS

Quant Time: Dec 20 00:54:02 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	56833	20.000	ng	-0.01
21) Naphthalene-d8	10.510	136	216817	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	135174	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	267783	20.000	ng	-0.01
76) Chrysene-d12	21.251	240	273941	20.000	ng	-0.01
86) Perylene-d12	23.616	264	320017	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	345660	96.050	ng	0.00
7) Phenol-d6	6.922	99	473939	98.056	ng	0.00
23) Nitrobenzene-d5	8.887	82	324171	63.341	ng	-0.01
42) 2,4,6-Tribromophenol	15.881	330	150806	75.916	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	646954	60.841	ng	-0.02
79) Terphenyl-d14	19.716	244	917422	58.285	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	59480	43.943	ng	99
3) Pyridine	3.628	79	169753	39.130	ng	99
4) n-Nitrosodimethylamine	3.540	42	88433	51.653	ng	99
6) Aniline	7.058	93	221965	39.676	ng	96
8) 2-Chlorophenol	7.293	128	172512	47.033	ng	98
9) Benzaldehyde	6.869	77	138191	52.988	ng	98
10) Phenol	6.946	94	247397	50.405	ng	98
11) bis(2-Chloroethyl)ether	7.152	93	174197	42.541	ng	99
12) 1,3-Dichlorobenzene	7.605	146	186637	44.000	ng	99
13) 1,4-Dichlorobenzene	7.752	146	190628	44.160	ng	99
14) 1,2-Dichlorobenzene	8.069	146	182965	43.719	ng	98
15) Benzyl Alcohol	7.981	79	179966m	46.288	ng	
16) 2,2'-oxybis(1-Chloropr...	8.246	45	269773	46.567	ng	99
17) 2-Methylphenol	8.193	107	150154	46.245	ng	96
18) Hexachloroethane	8.787	117	73693	46.018	ng	97
19) n-Nitroso-di-n-propyla...	8.534	70	149134	41.599	ng	98
20) 3+4-Methylphenols	8.522	107	201936	45.155	ng	97
22) Acetophenone	8.552	105	280748	44.030	ng	# 98
24) Nitrobenzene	8.928	77	220180	45.837	ng	99
25) Isophorone	9.457	82	368285	43.004	ng	99
26) 2-Nitrophenol	9.640	139	93840	44.206	ng	96
27) 2,4-Dimethylphenol	9.716	122	144222	47.377	ng	96
28) bis(2-Chloroethoxy)met...	9.934	93	225733	42.641	ng	99
29) 2,4-Dichlorophenol	10.199	162	165113	44.137	ng	97
30) 1,2,4-Trichlorobenzene	10.381	180	186246	41.997	ng	95
31) Naphthalene	10.563	128	495350	43.567	ng	99
32) Benzoic acid	9.910	122	45330m	20.313	ng	
33) 4-Chloroaniline	10.699	127	110200	24.194	ng	98
34) Hexachlorobutadiene	10.840	225	134615	41.526	ng	95
35) Caprolactam	11.516	113	48140	67.957	ng	99
36) 4-Chloro-3-methylphenol	11.851	107	183374	43.869	ng	93
37) 2-Methylnaphthalene	12.181	142	358230	45.713	ng	98
38) 1-Methylnaphthalene	12.404	142	328918	43.112	ng	100
40) 1,2,4,5-Tetrachloroben...	12.557	216	223147	43.209	ng	99
41) Hexachlorocyclopentadiene	12.528	237	97333	69.389	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.822	196	133263	41.073	ng	99
44) 2,4,5-Trichlorophenol	12.910	196	141928	41.941	ng	100
46) 1,1'-Biphenyl	13.204	154	462537	44.289	ng	98
47) 2-Chloronaphthalene	13.245	162	358025	42.981	ng	100
48) 2-Nitroaniline	13.469	65	127343	45.453	ng	99
49) Acenaphthylene	14.092	152	540899	44.172	ng	100
50) Dimethylphthalate	13.840	163	436455	42.646	ng	99
51) 2,6-Dinitrotoluene	13.969	165	96070	44.966	ng	98
52) Acenaphthene	14.440	154	319160	43.820	ng	99
53) 3-Nitroaniline	14.310	138	62990	31.295	ng	92
54) 2,4-Dinitrophenol	14.581	184	11844m	10.620	ng	
55) Dibenzofuran	14.775	168	526507	42.491	ng	99
56) 4-Nitrophenol	14.669	139	101687	87.030	ng	86
57) 2,4-Dinitrotoluene	14.775	165	132134	46.291	ng	# 78
58) Fluorene	15.428	166	416921	43.402	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.028	232	122071m	42.233	ng	
60) Diethylphthalate	15.210	149	426233	43.883	ng	99
61) 4-Chlorophenyl-phenyle...	15.422	204	228504	41.632	ng	99
62) 4-Nitroaniline	15.481	138	79474	43.850	ng	90
63) Azobenzene	15.722	77	442988	44.988	ng	97
65) 4,6-Dinitro-2-methylph...	15.563	198	18900	10.802	ng	92
66) n-Nitrosodiphenylamine	15.645	169	357391	42.390	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	142101	40.742	ng	98
68) Hexachlorobenzene	16.445	284	159547	41.537	ng	95
69) Atrazine	16.610	200	140220	75.494	ng	99
70) Pentachlorophenol	16.816	266	117606	68.510	ng	97
71) Phenanthrene	17.181	178	648718	44.722	ng	100
72) Anthracene	17.275	178	645613	45.112	ng	99
73) Carbazole	17.557	167	569571	43.491	ng	99
74) Di-n-butylphthalate	18.104	149	691677	46.034	ng	99
75) Fluoranthene	19.163	202	776592	47.420	ng	99
77) Benzidine	19.357	184	273613	98.467	ng	99
78) Pyrene	19.522	202	802534	40.947	ng	99
80) Butylbenzylphthalate	20.392	149	311305	43.626	ng	98
81) Benzo(a)anthracene	21.233	228	796396	43.379	ng	100
82) 3,3'-Dichlorobenzidine	21.174	252	228137	27.008	ng	99
83) Chrysene	21.286	228	778332	44.384	ng	100
84) Bis(2-ethylhexyl)phtha...	21.157	149	458479	45.632	ng	99
85) Di-n-octyl phthalate	22.063	149	809271	46.702	ng	100
87) Indeno(1,2,3-cd)pyrene	26.080	276	1213403	48.169	ng	97
88) Benzo(b)fluoranthene	22.898	252	927340	48.172	ng	99
89) Benzo(k)fluoranthene	22.945	252	842046	43.375	ng	98
90) Benzo(a)pyrene	23.510	252	901435	53.951	ng	99
91) Dibenzo(a,h)anthracene	26.086	278	1032299	48.954	ng	99
92) Benzo(g,h,i)perylene	26.833	276	1028662	49.261	ng	98

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

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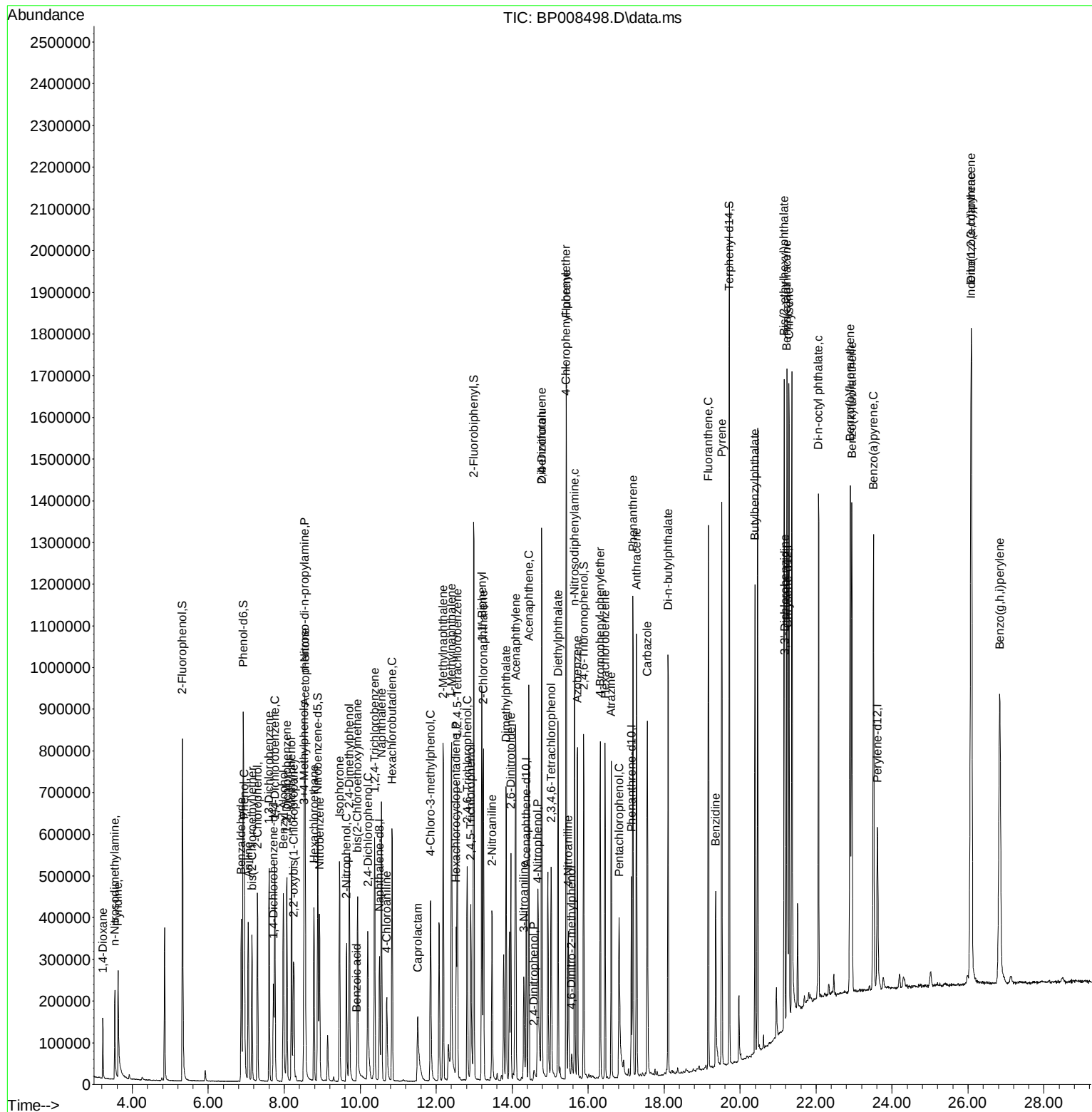
SB-15-GMS

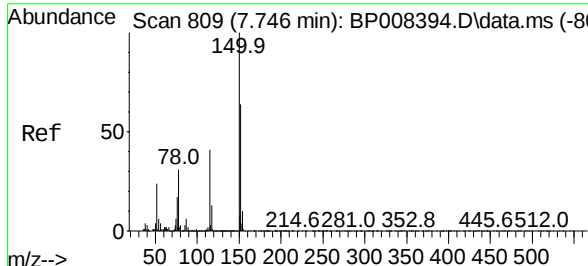
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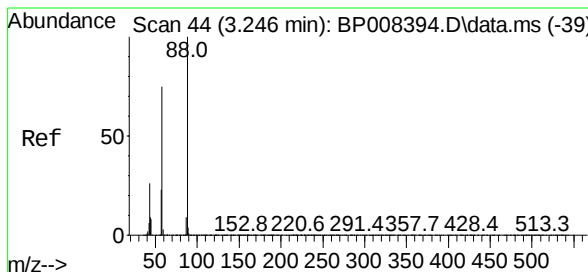
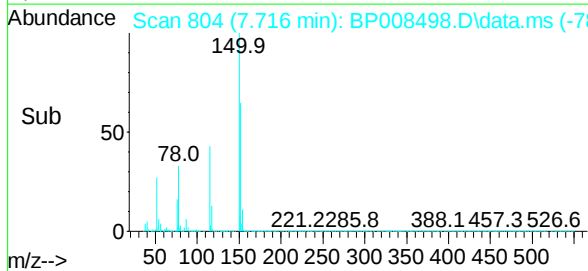
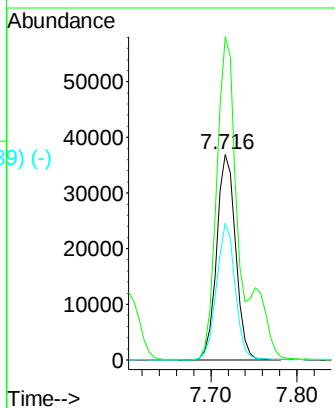
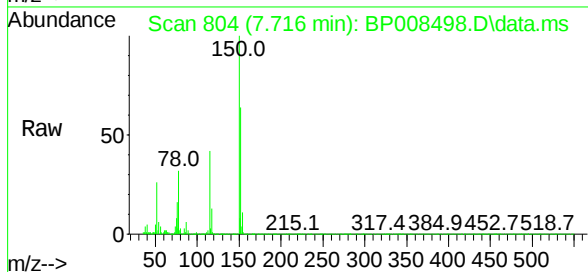
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 809
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Instrument :
 BNA_P
 ClientSampleId :
 SB-15-GMS

Tgt Ion: 152 Resp: 5683
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.7 188.5
 115 66.6 50.7 76.1

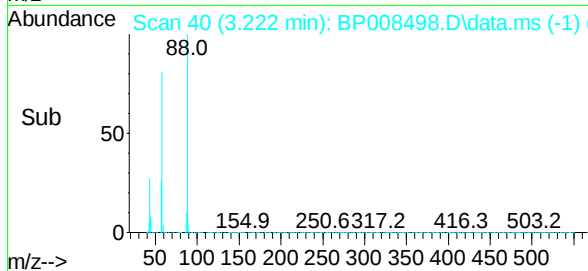
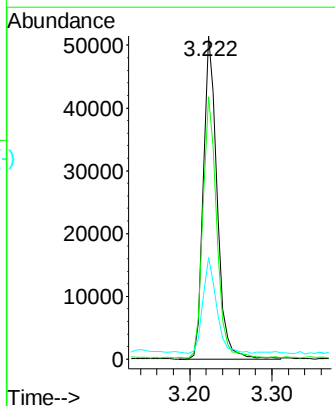
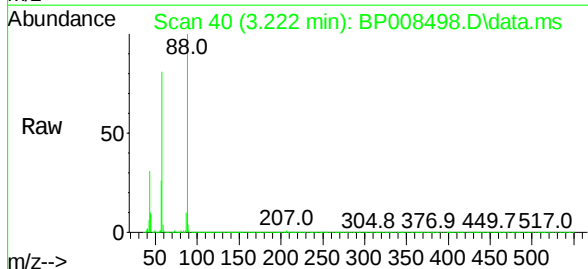
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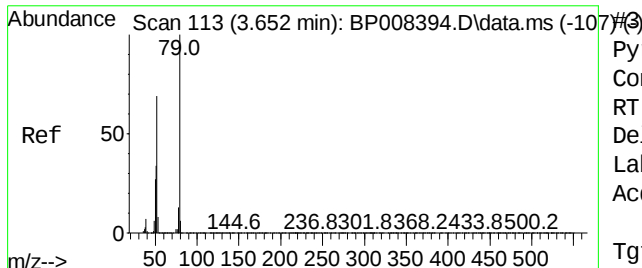
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1,4-Dioxane
 Concen: 43.943 ng
 RT: 3.222 min Scan# 40
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Tgt Ion: 88 Resp: 59480
 Ion Ratio Lower Upper
 88 100
 58 80.9 63.5 95.3
 43 29.4 23.4 35.2





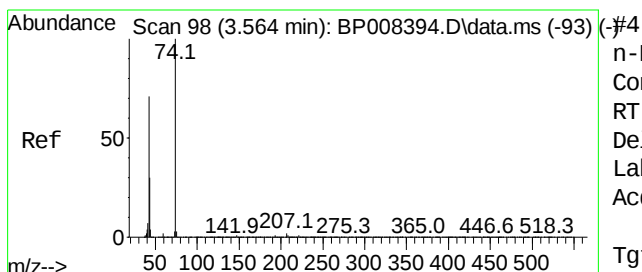
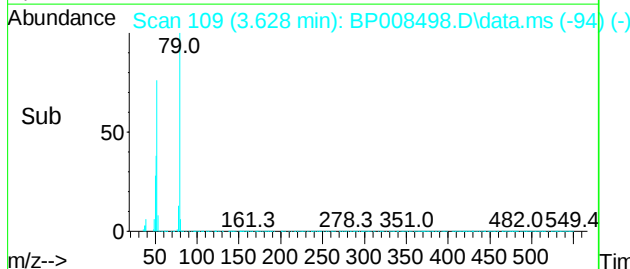
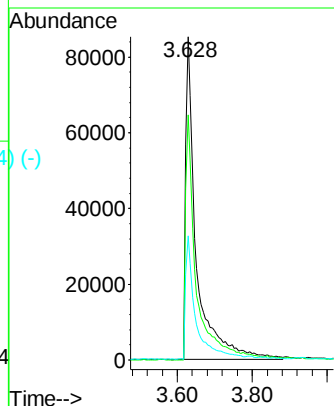
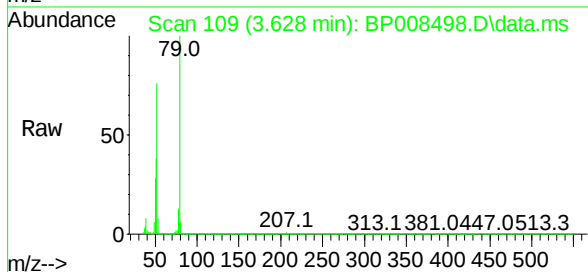
Pyridine
Concen: 39.130 ng
RT: 3.628 min Scan# 113
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :
BNA_P
ClientSampleId :
SB-15-GMS

Tgt Ion: 79 Resp: 16975
Ion Ratio Lower Upper
79 100
52 75.8 60.0 90.0
51 38.3 29.6 44.4

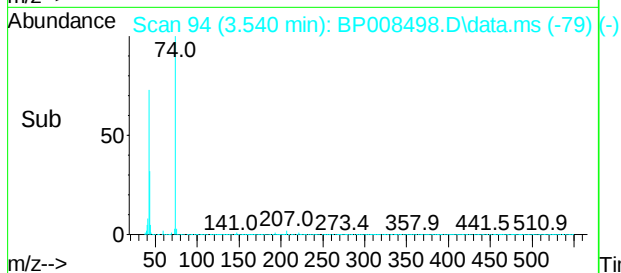
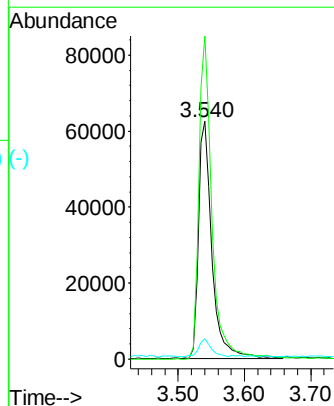
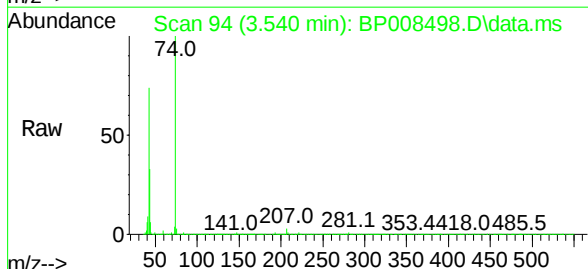
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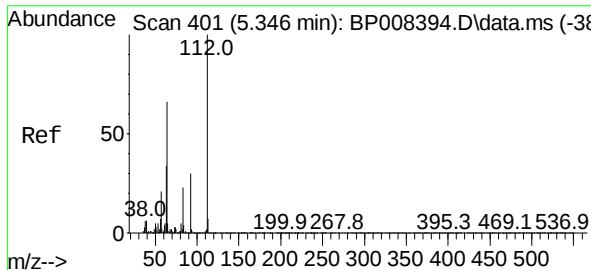
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n-Nitrosodimethylamine
Concen: 51.653 ng
RT: 3.540 min Scan# 94
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion: 42 Resp: 88433
Ion Ratio Lower Upper
42 100
74 135.9 108.0 162.0
44 8.5 5.8 8.6





2-Fluorophenol

Concen: 96.050 ng

RT: 5.322 min Scan# 397

Delta R.T. -0.006 min

Lab File: BP008498.D

Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

ClientSampleId :

SB-15-GMS

Tgt Ion: 112 Resp: 34566

Ion Ratio Lower Upper

112 100

64 68.1 53.4 80.2

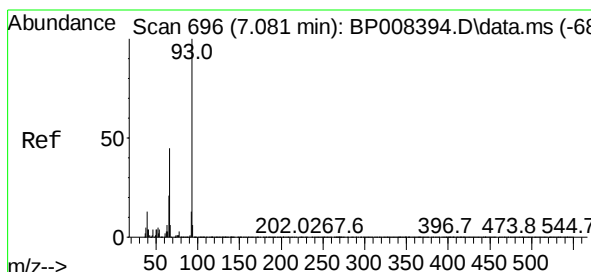
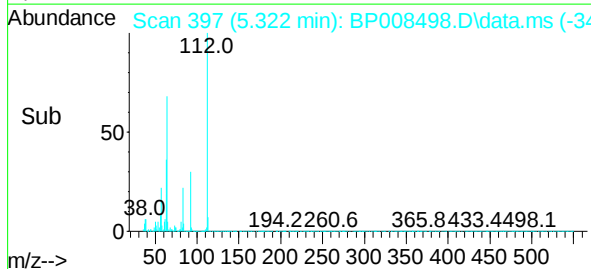
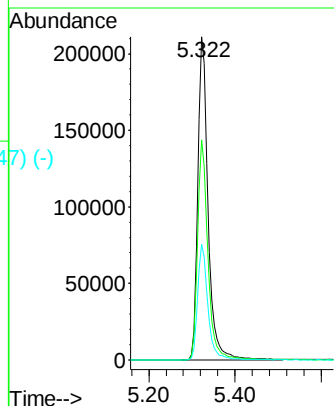
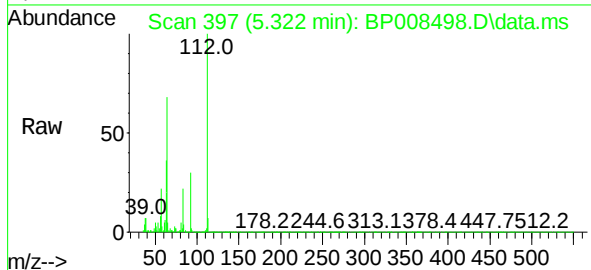
63 35.9 27.8 41.8

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Aniline

Concen: 39.676 ng

RT: 7.058 min Scan# 692

Delta R.T. -0.006 min

Lab File: BP008498.D

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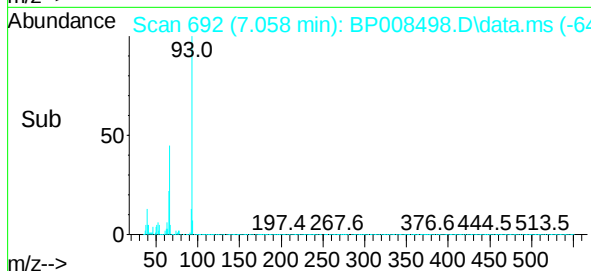
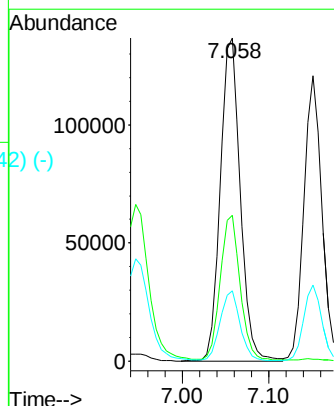
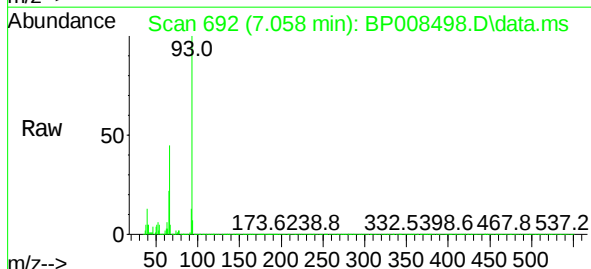
Tgt Ion: 93 Resp: 221965

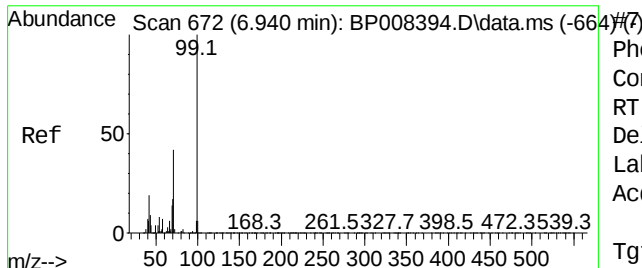
Ion Ratio Lower Upper

93 100

66 45.1 32.9 49.3

65 21.7 17.5 26.3





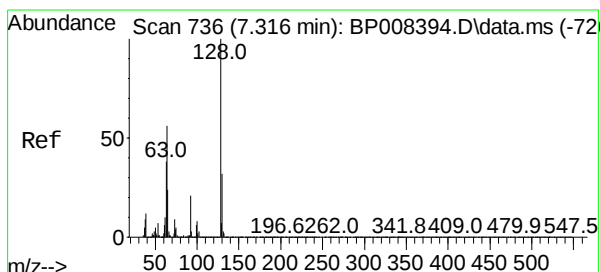
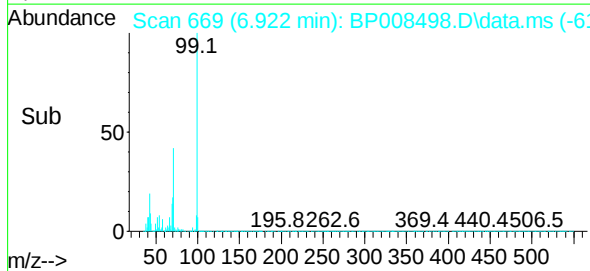
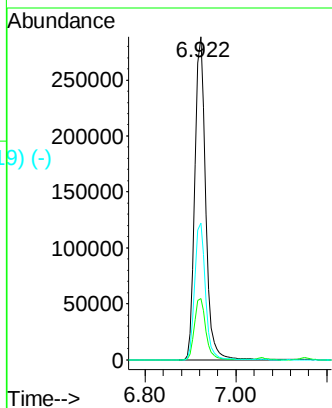
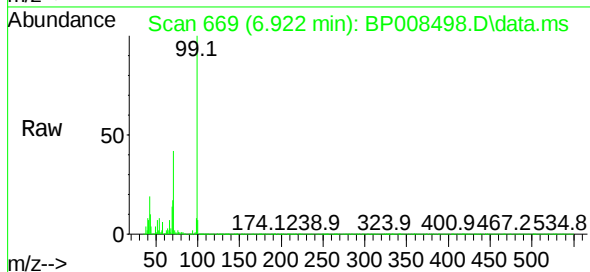
Phenol-d6
Concen: 98.056 ng
RT: 6.922 min Scan# 672
Delta R.T. -0.006 min
Lab File: BP008498.D
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Client Sample Id :
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Tgt Ion: 99 Resp: 47393
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 42.3 31.1 46.7

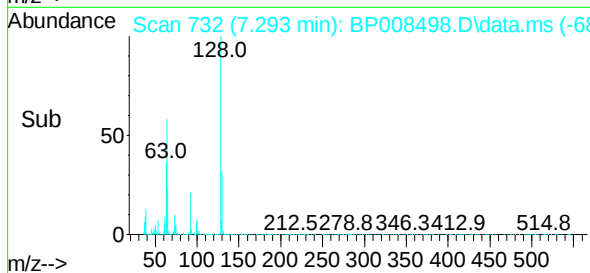
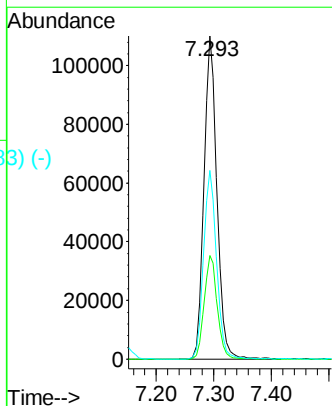
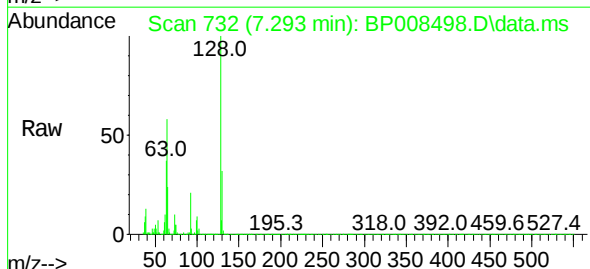
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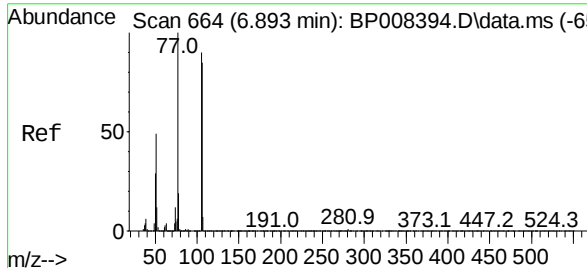
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



2-Chlorophenol
Concen: 47.033 ng
RT: 7.293 min Scan# 732
Delta R.T. -0.012 min
Lab File: BP008498.D
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Tgt Ion:128 Resp: 172512
Ion Ratio Lower Upper
128 100
130 32.0 13.5 53.5
64 58.5 37.4 77.4





Benzaldehyde

Concen: 52.988 ng

RT: 6.869 min Scan# 660

Delta R.T. -0.012 min

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BNA_P

ClientSampleId :

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Tgt Ion: 77 Resp: 13819

Ion Ratio Lower Upper

77 100

105 90.0 71.8 111.8

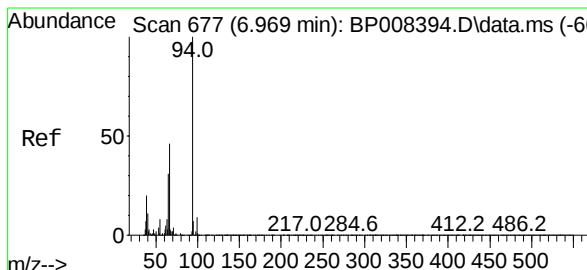
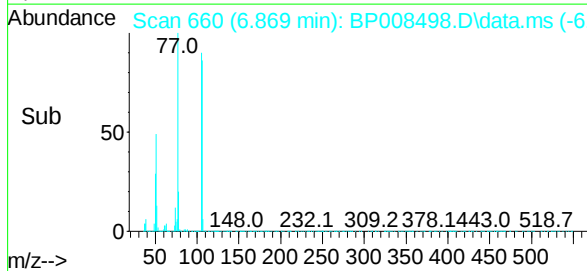
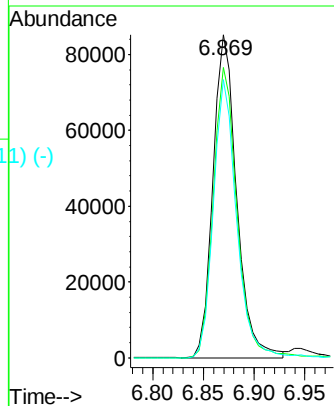
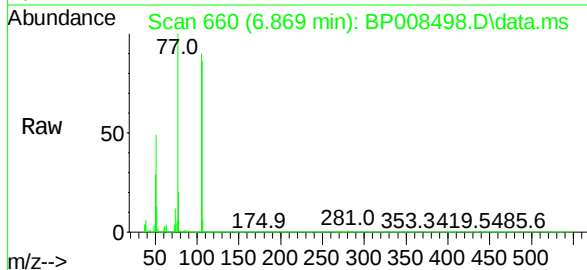
106 86.1 67.3 107.3

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Phenol

Concen: 50.405 ng

RT: 6.946 min Scan# 673

Delta R.T. -0.006 min

Lab File: BP008498.D

Acq: 18 Dec 2021 20:22

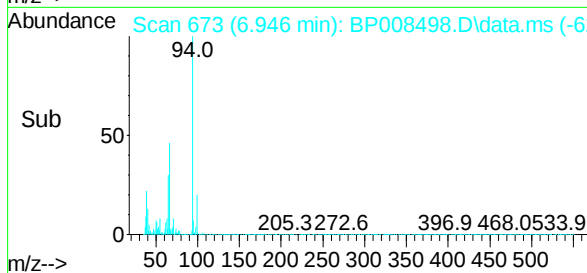
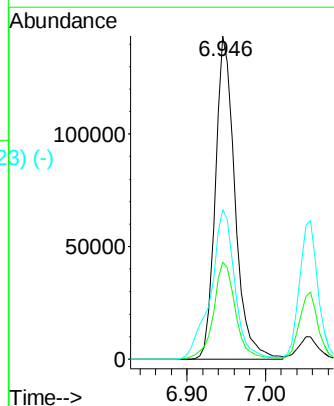
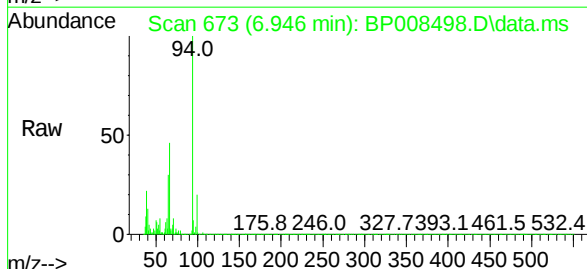
Tgt Ion: 94 Resp: 247397

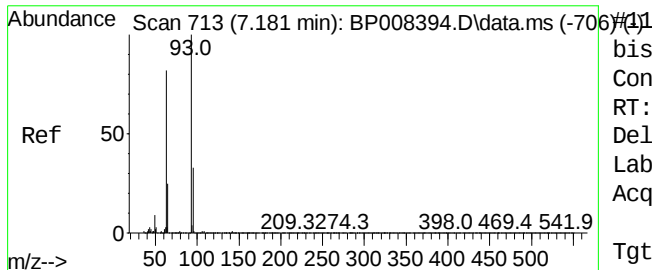
Ion Ratio Lower Upper

94 100

65 30.2 10.9 50.9

66 46.3 24.3 64.3





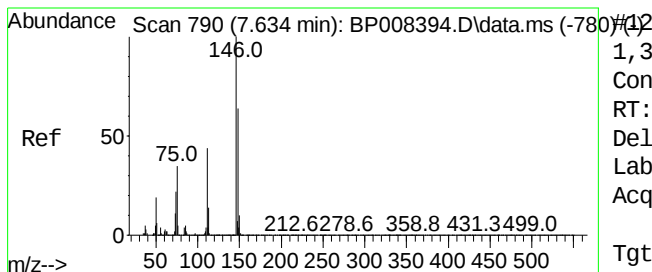
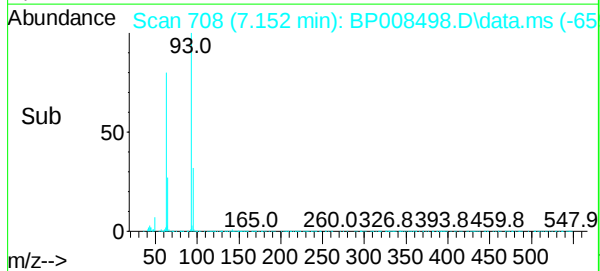
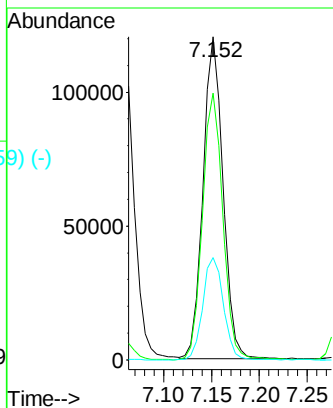
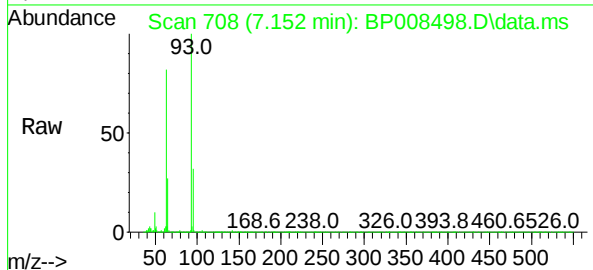
bis(2-Chloroethyl)ether
Concen: 42.541 ng
RT: 7.152 min Scan# 713
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :
BNA_P
ClientSampleId :
SB-15-GMS

Tgt Ion: 93 Resp: 17419
Ion Ratio Lower Upper
93 100
63 82.5 61.8 101.8
95 31.7 12.5 52.5

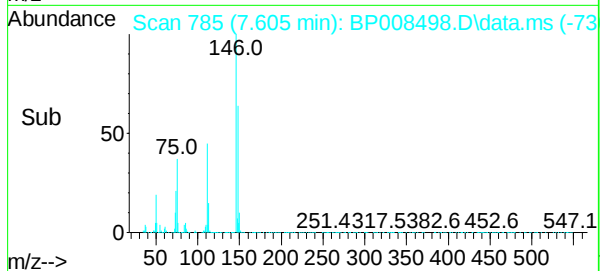
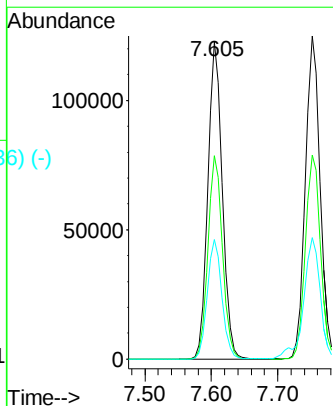
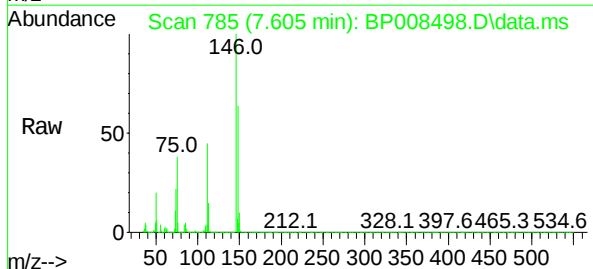
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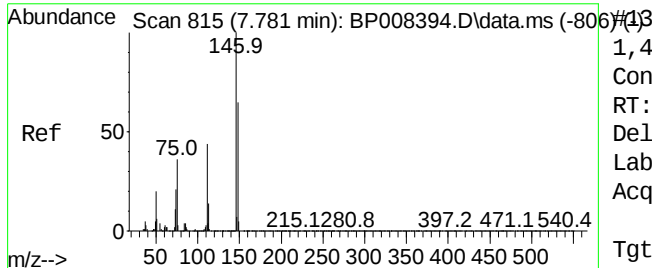
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



1,3-Dichlorobenzene
Concen: 44.000 ng
RT: 7.605 min Scan# 785
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:146 Resp: 186637
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
75 37.7 29.0 43.6





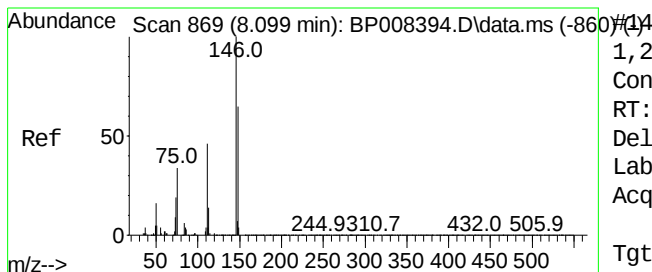
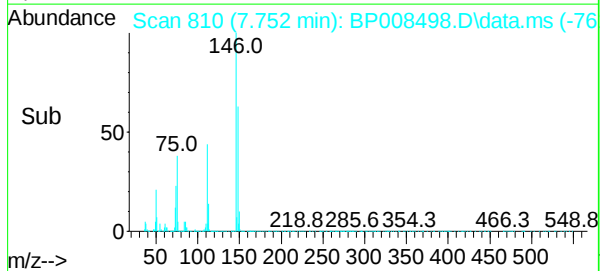
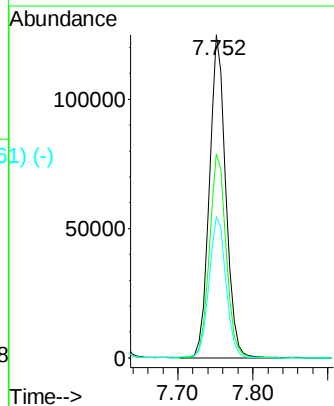
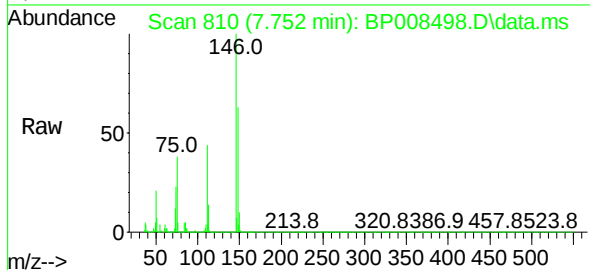
1,4-Dichlorobenzene
Concen: 44.160 ng
RT: 7.752 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :
BNA_P
Client Sample Id :
SB-15-GMS

Tgt Ion:146 Resp: 19062
Ion Ratio Lower Upper
146 100
148 63.2 49.6 74.4
111 43.7 34.7 52.1

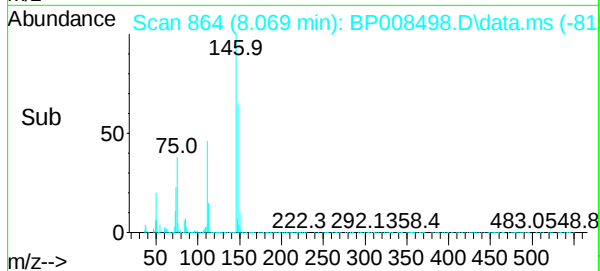
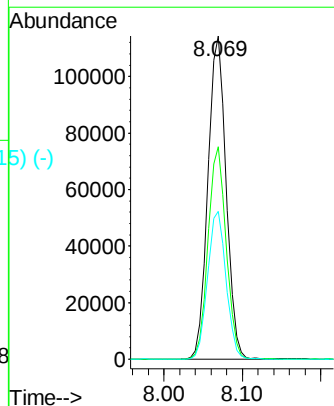
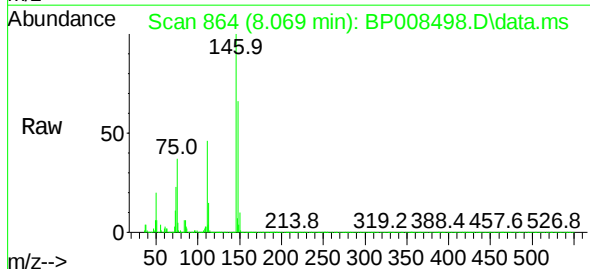
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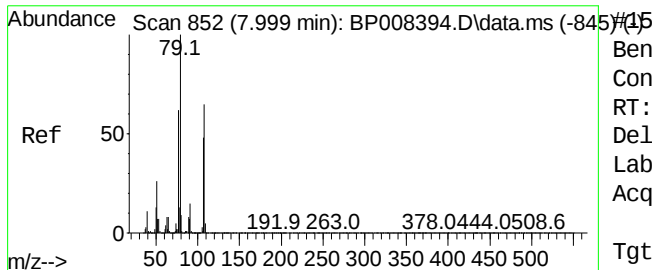
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1,2-Dichlorobenzene
Concen: 43.719 ng
RT: 8.069 min Scan# 864
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:146 Resp: 182965
Ion Ratio Lower Upper
146 100
148 65.7 51.8 77.6
111 45.6 35.0 52.6





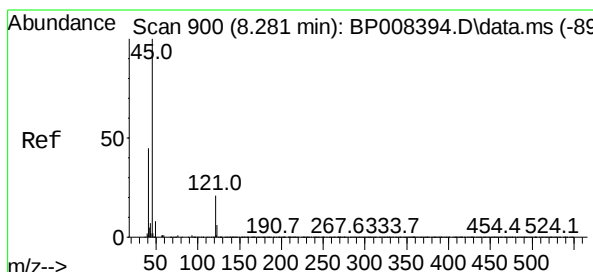
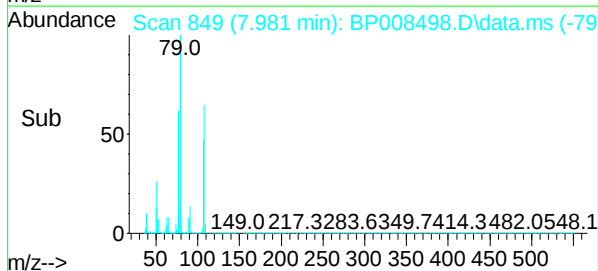
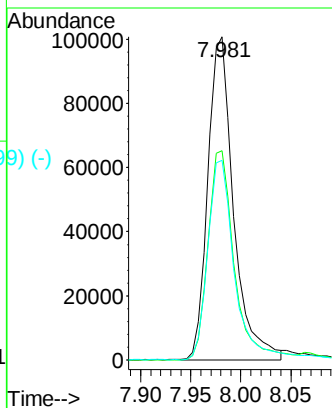
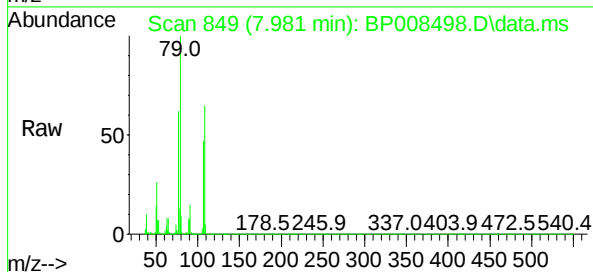
Benzyl Alcohol
 Concen: 46.288 ng/ml
 RT: 7.981 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Instrument :
 BNA_P
 Client Sample Id :
 SB-15-GMS

Tgt Ion: 79 Resp: 17996
 Ion Ratio Lower Upper
 79 100
 108 64.7 55.5 83.3
 77 61.8 51.0 76.6

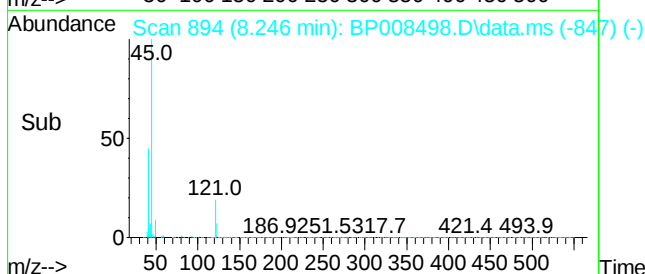
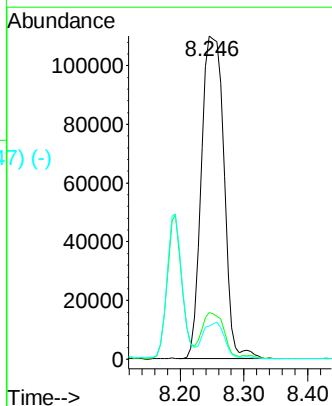
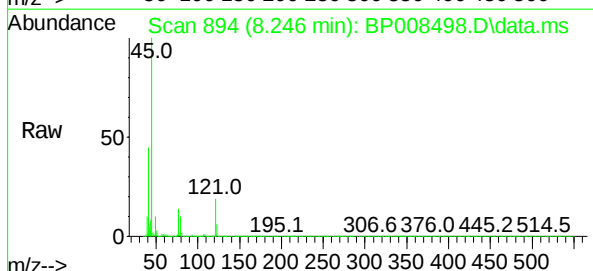
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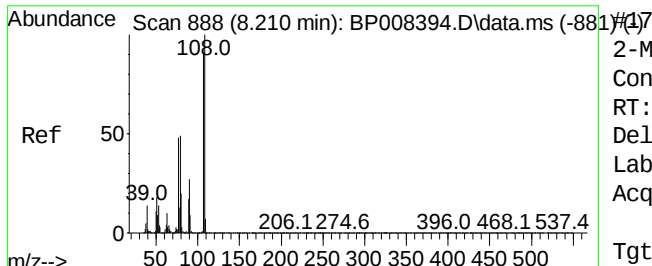
Reviewed By :Christian Giraldo 12/20/2021
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2,2'-oxybis(1-Chloropropane)
 Concen: 46.567 ng/ml
 RT: 8.246 min Scan# 894
 Delta R.T. -0.024 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Tgt Ion: 45 Resp: 269773
 Ion Ratio Lower Upper
 45 100
 77 14.5 0.0 33.8
 79 10.3 0.0 30.4





2-Methylphenol

Concen: 46.245 ng

RT: 8.193 min Scan# 885

Delta R.T. -0.006 min

Lab File: BP008498.D

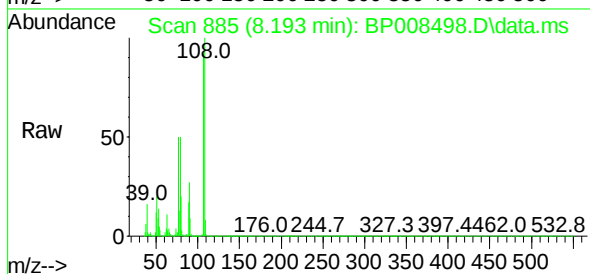
Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

ClientSampleId :

SB-15-GMS



Tgt Ion:107 Resp: 15015

Ion Ratio Lower Upper

107 100

108 108.8 90.2 135.2

77 54.1 41.3 61.9

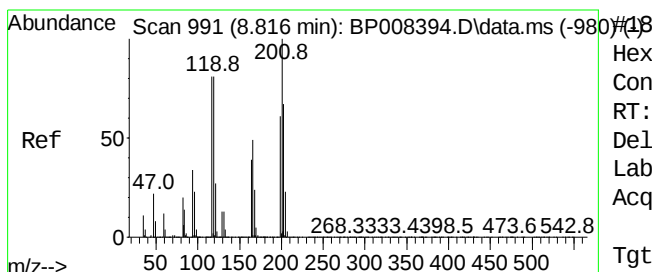
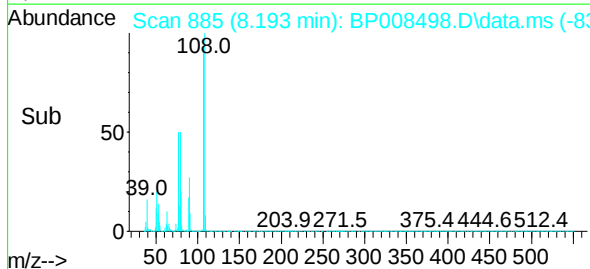
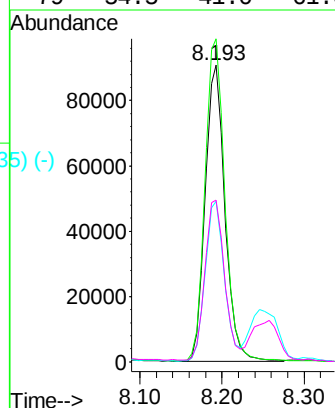
79 54.5 41.0 61.6

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Hexachloroethane

Concen: 46.018 ng

RT: 8.787 min Scan# 986

Delta R.T. -0.012 min

Lab File: BP008498.D

Acq: 18 Dec 2021 20:22

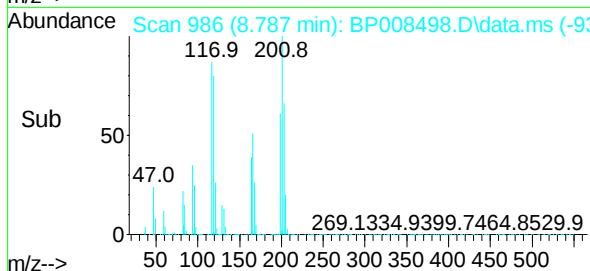
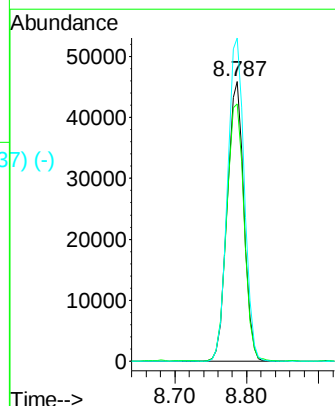
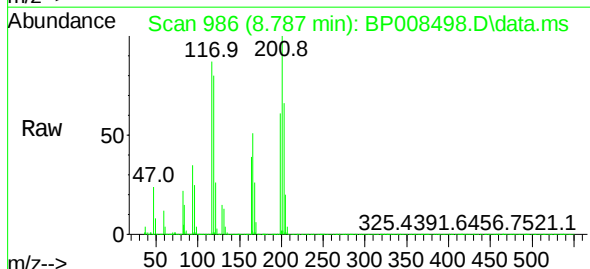
Tgt Ion:117 Resp: 73693

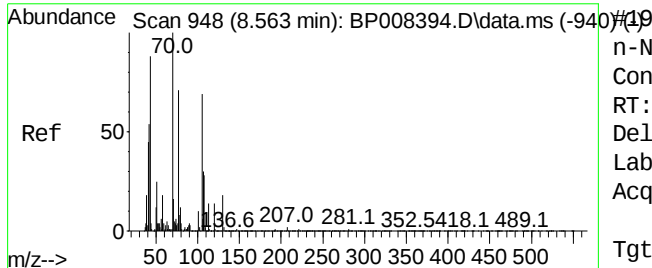
Ion Ratio Lower Upper

117 100

119 92.0 74.7 112.1

201 115.5 88.6 132.8





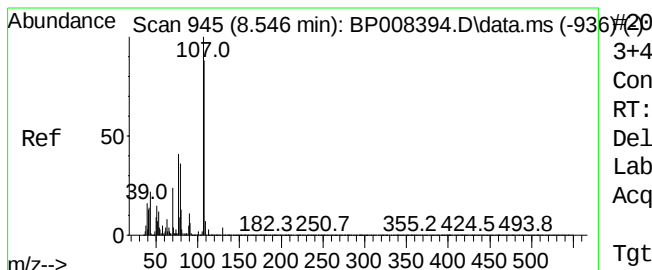
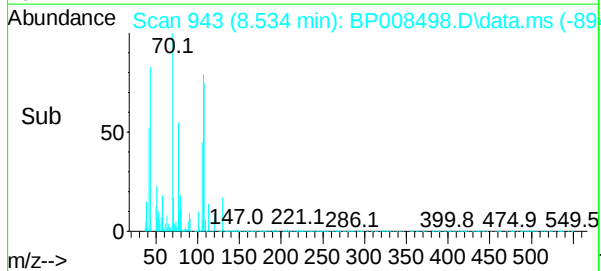
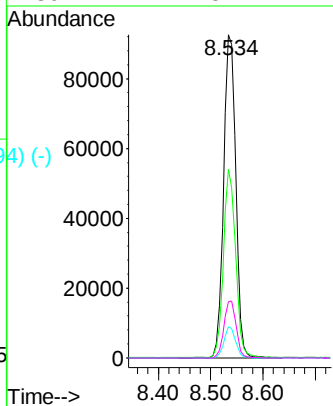
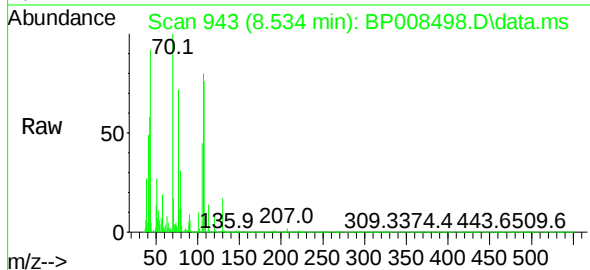
n-Nitroso-di-n-propylamine
 Concen: 41.599 ng
 RT: 8.534 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Instrument :
 BNA_P
 Client Sample Id :
 SB-15-GMS

Tgt Ion:	70	Resp:	14913
Ion	Ratio	Lower	Upper
70	100		
42	58.3	45.4	68.2
101	9.6	7.6	11.4
130	17.4	15.1	22.7

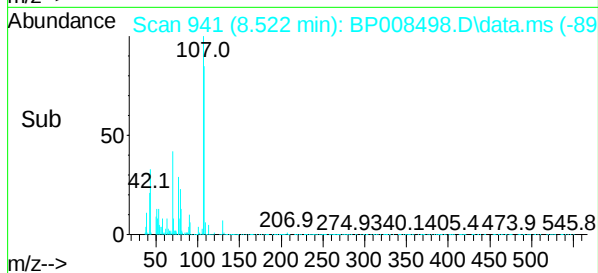
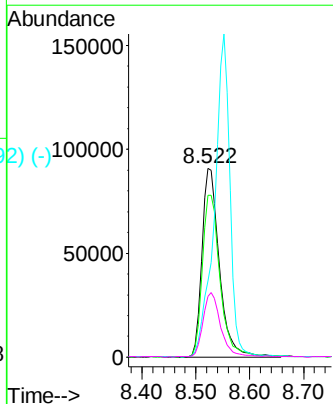
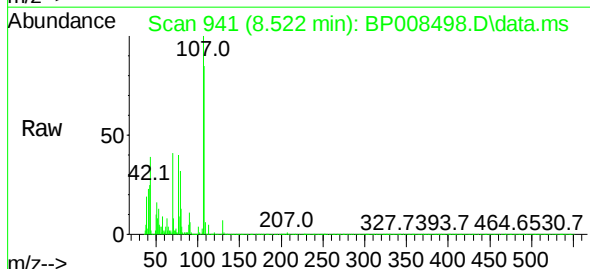
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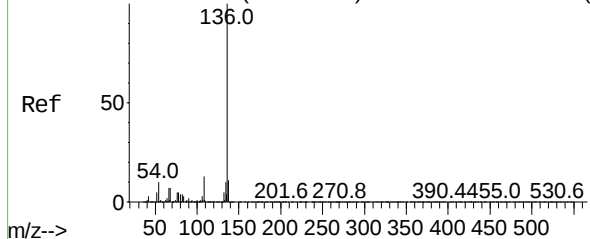


3+4-Methylphenols
 Concen: 45.155 ng
 RT: 8.522 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Tgt Ion:	107	Resp:	201936
Ion	Ratio	Lower	Upper
107	100		
108	85.5	68.2	108.2
77	40.3	16.9	56.9
79	32.0	12.5	52.5



Abundance Scan 1284 (10.540 min): BP008394.D\data.ms (-1220) (-)



Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

ClientSampleId :

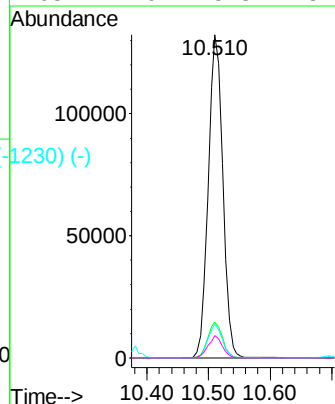
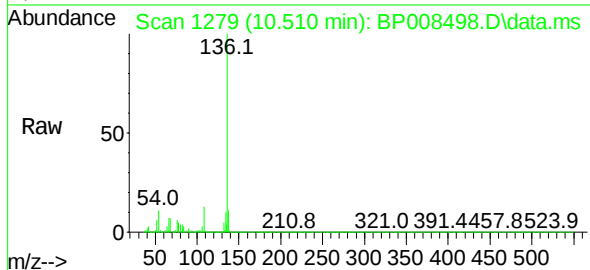
SB-15-GMS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.5	8.2	12.4
68	7.0	5.8	8.8

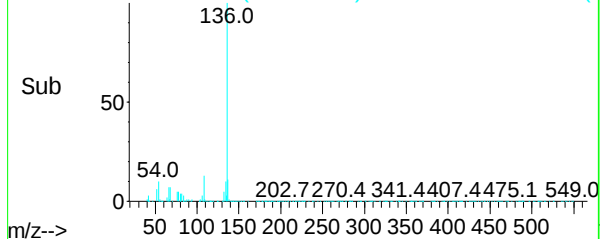
Manual Integrations

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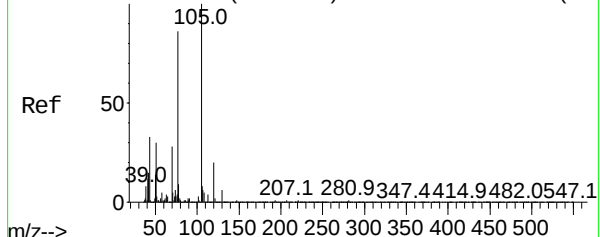
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Abundance Scan 1279 (10.510 min): BP008498.D\data.ms (-1230) (-)

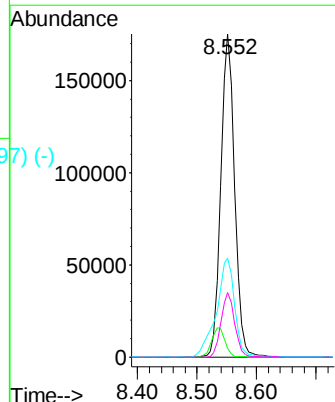
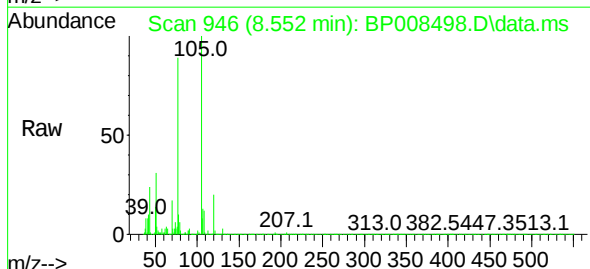


Abundance Scan 950 (8.575 min): BP008394.D\data.ms (-937) (-)

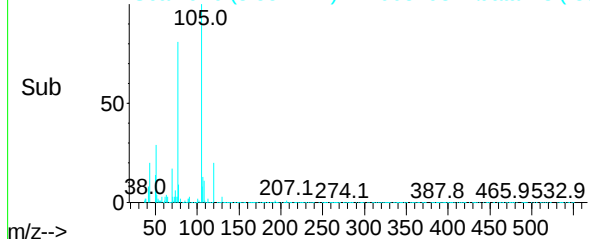


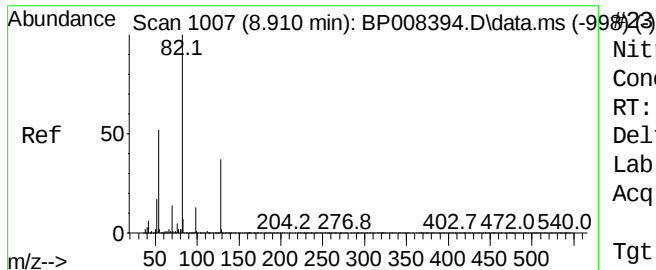
Acetophenone
Concen: 44.030 ng
RT: 8.552 min Scan# 946
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.7	4.0	6.0#
51	30.7	23.8	35.6
120	20.1	16.0	24.0



Abundance Scan 946 (8.552 min): BP008498.D\data.ms (-897) (-)





Nitrobenzene-d5

Concen: 63.341 ng

RT: 8.887 min Scan#

Delta R.T. -0.012 min

Lab File: BP008498.D

Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

ClientSampleId :

SB-15-GMS

Tgt Ion: 82 Resp: 32417

Ion Ratio Lower Upper

82 100

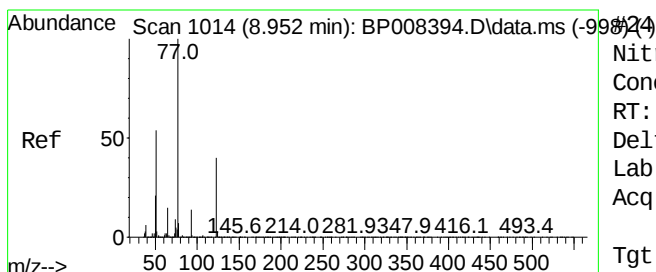
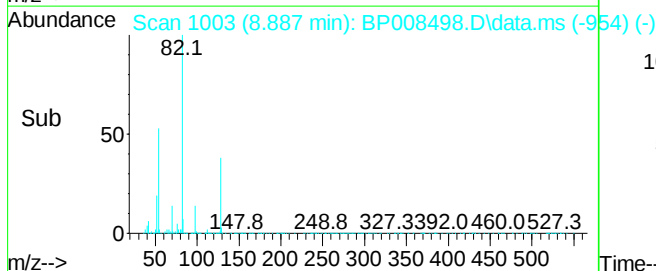
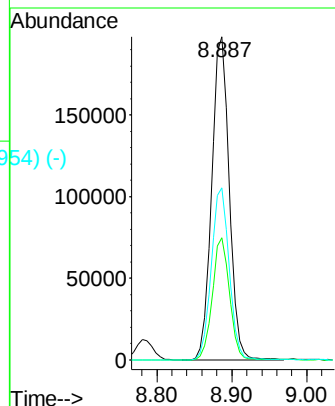
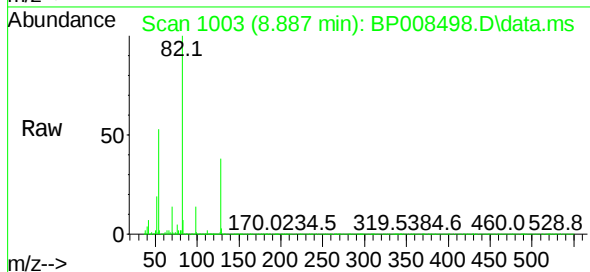
128 37.7 29.6 44.4

54 53.3 42.7 64.1

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Nitrobenzene

Concen: 45.837 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.012 min

Lab File: BP008498.D

Acq: 18 Dec 2021 20:22

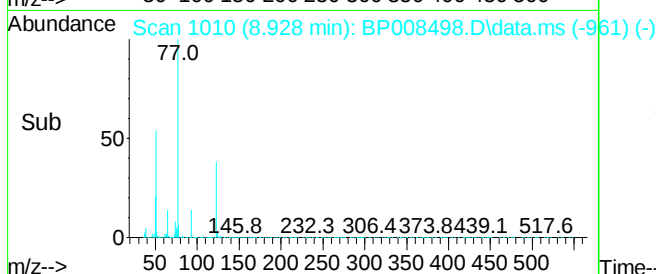
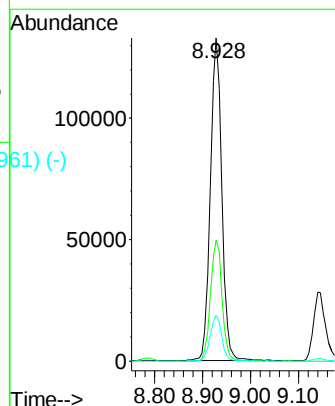
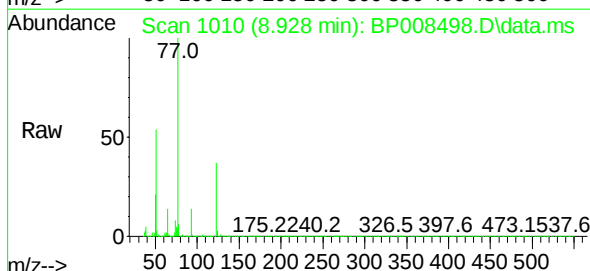
Tgt Ion: 77 Resp: 220180

Ion Ratio Lower Upper

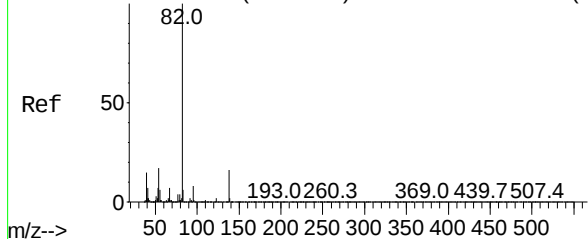
77 100

123 37.5 30.4 45.6

65 14.3 11.3 16.9



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



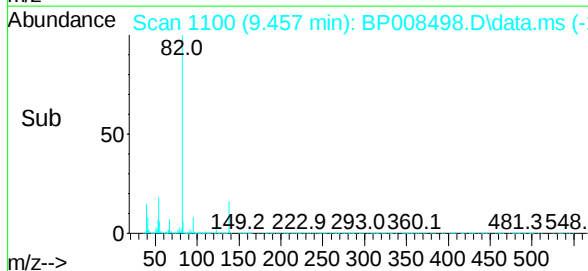
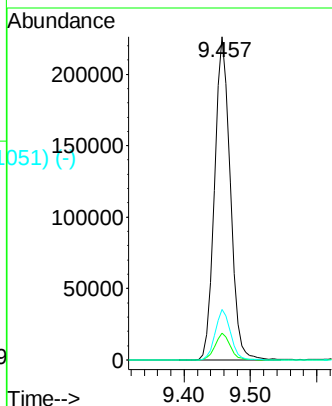
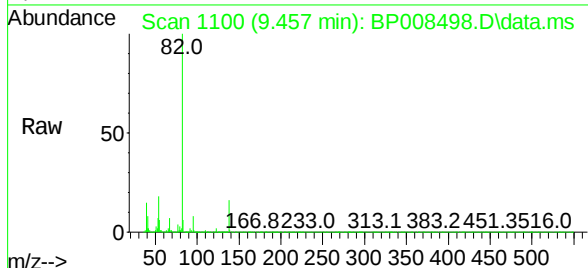
Isophorone
Concen: 43.004 ng
RT: 9.457 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :
BNA_P
Client SampleId :
SB-15-GMS

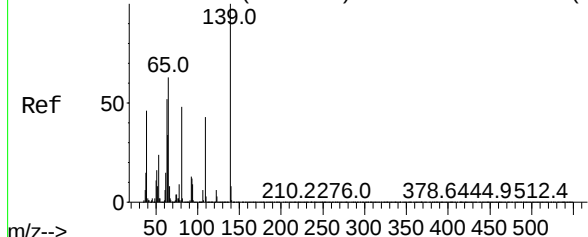
Tgt Ion: 82 Resp: 36828
Ion Ratio Lower Upper
82 100
95 8.3 5.9 8.9
138 15.7 12.7 19.1

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

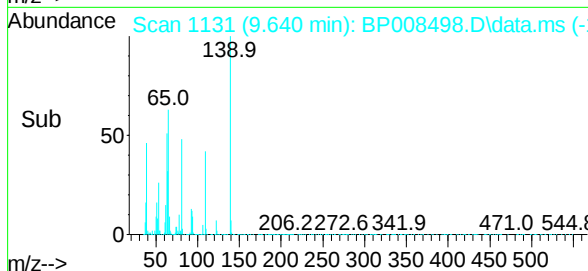
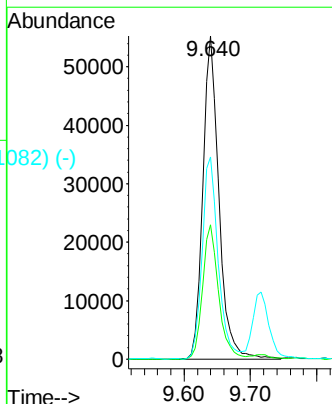
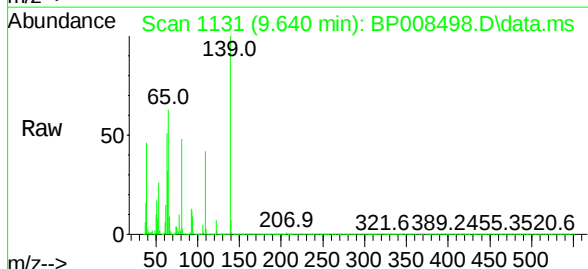


Abundance Scan 1135 (9.663 min): BP008394.D\data.ms (-1129)

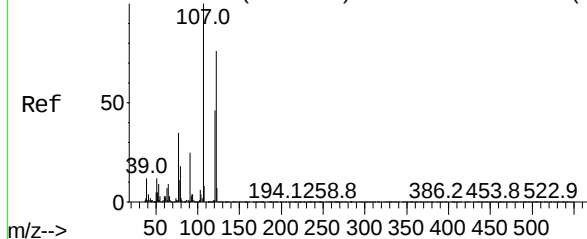


2-Nitrophenol
Concen: 44.206 ng
RT: 9.640 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:139 Resp: 93840
Ion Ratio Lower Upper
139 100
109 41.5 28.3 42.5
65 62.7 49.7 74.5



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



2,4-Dimethylphenol
Concen: 47.377 ng
RT: 9.716 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

ClientSampleId :

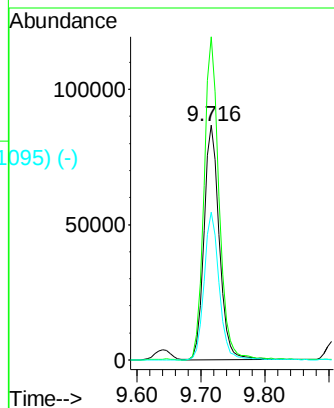
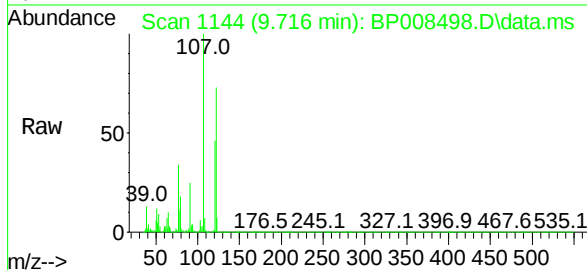
SB-15-GMS

Tgt Ion:122 Resp: 14422
Ion Ratio Lower Upper
122 100
107 137.7 106.6 160.0
121 63.0 48.1 72.1

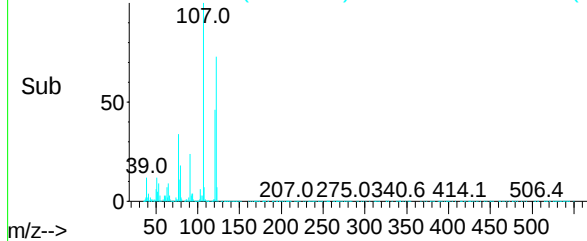
Manual Integrations

APPROVED

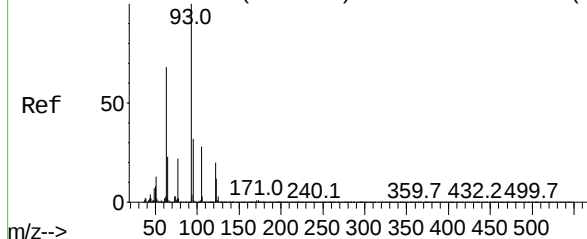
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Abundance Scan 1144 (9.716 min): BP008498.D\data.ms (-1095) (-)

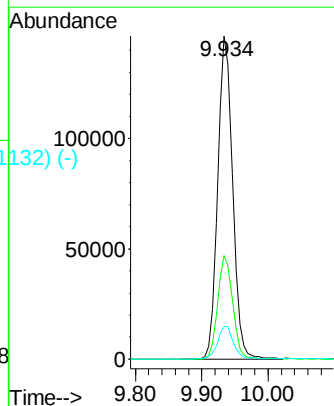
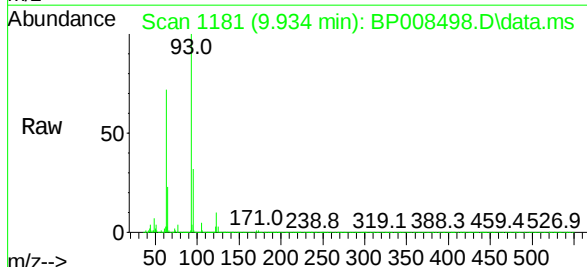


Abundance Scan 1186 (9.963 min): BP008394.D\data.ms (-1179-)

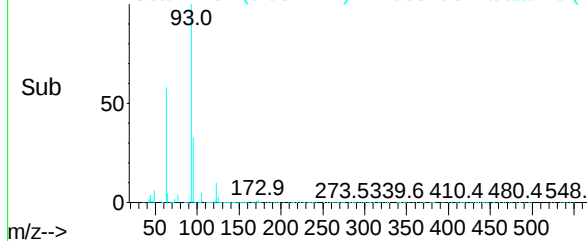


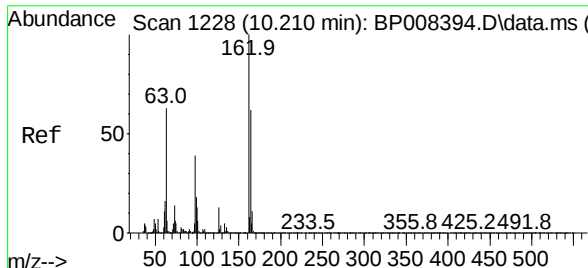
bis(2-Chloroethoxy)methane
Concen: 42.641 ng
RT: 9.934 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion: 93 Resp: 225733
Ion Ratio Lower Upper
93 100
95 32.1 25.4 38.2
123 10.0 7.8 11.6



Abundance Scan 1181 (9.934 min): BP008498.D\data.ms (-1132) (-)





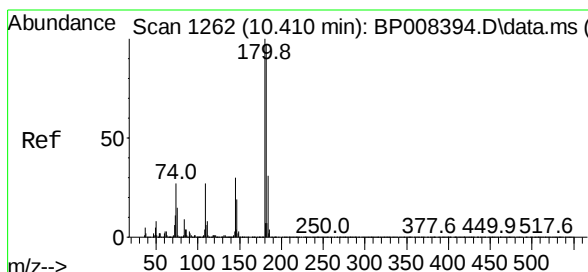
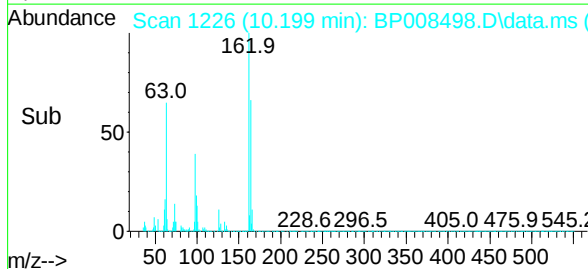
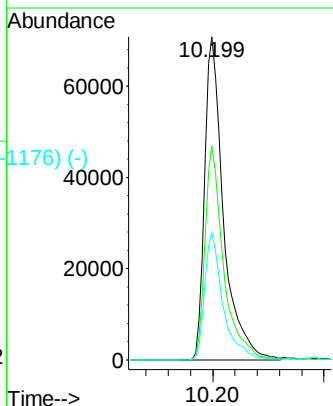
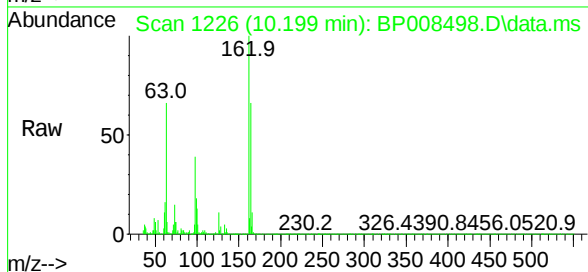
2,4-Dichlorophenol
Concen: 44.137 ng
RT: 10.199 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :
BNA_P
ClientSampleId :
SB-15-GMS

Tgt Ion:	162	Resp:	1651
Ion	Ratio	Lower	Upper
162	100		
164	66.3	43.9	83.9
98	39.4	17.9	57.9

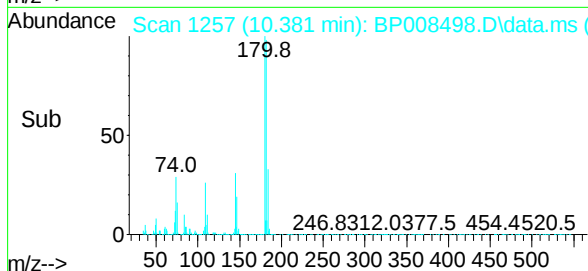
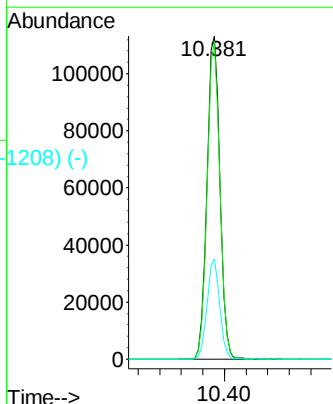
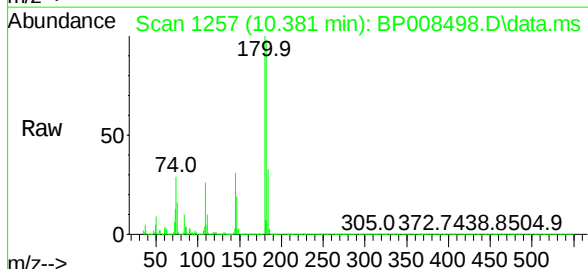
Manual Integrations
APPROVED

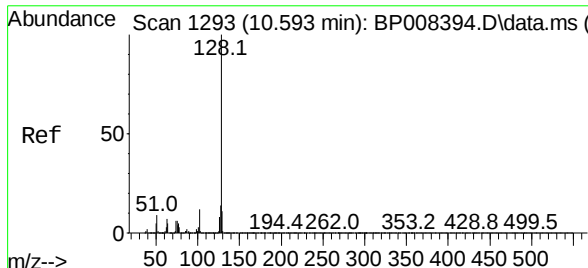
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



1,2,4-Trichlorobenzene
Concen: 41.997 ng
RT: 10.381 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:	180	Resp:	186246
Ion	Ratio	Lower	Upper
180	100		
182	98.4	74.8	112.2
145	31.0	23.2	34.8





Scan 1293 (10.593 min): BP008394.D\data.ms (-1283) (-)
 Naphthalene
 Concen: 43.567 ng
 RT: 10.563 min Scan# 1283
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

ClientSampleId :

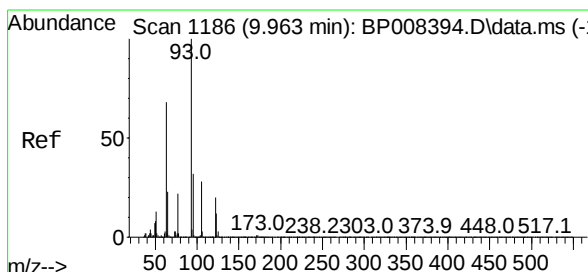
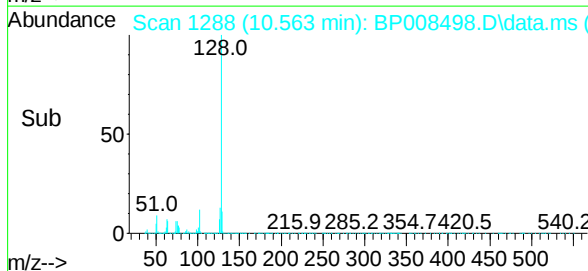
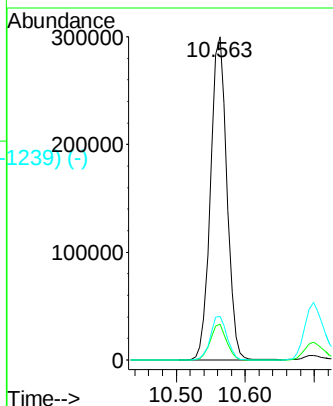
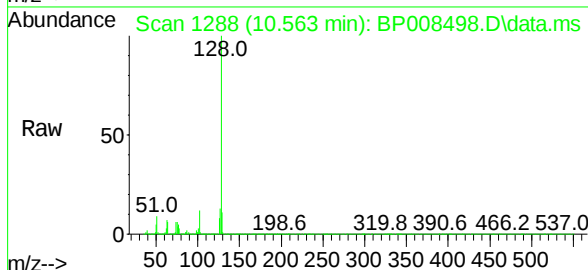
SB-15-GMS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.4	10.9	16.3

Manual Integrations

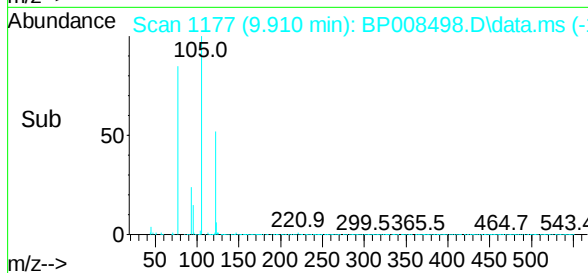
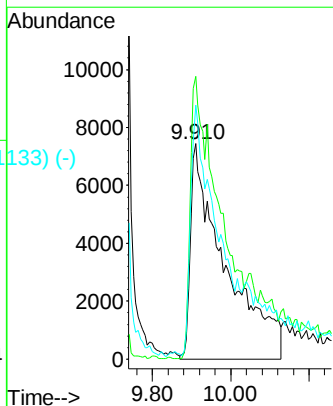
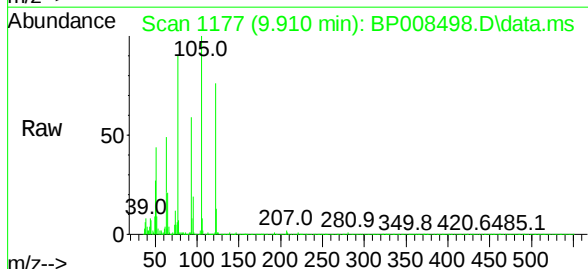
APPROVED

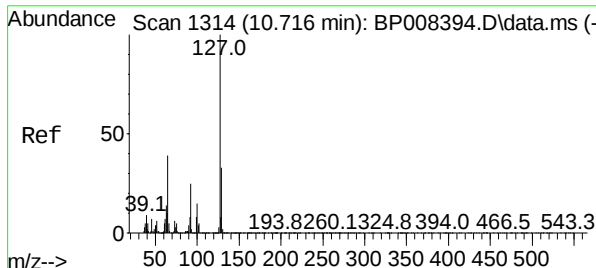
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 1186 (9.963 min): BP008394.D\data.ms (-1169) (-)
 Benzoic acid
 Concen: 20.313 ng m
 RT: 9.910 min Scan# 1177
 Delta R.T. -0.041 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.1	117.4	157.4
77	117.9	89.2	129.2





Scan 1314 (10.716 min): BP008394.D\data.ms (-1338) (-)
 4-Chloroaniline
 Concen: 24.194 ng
 RT: 10.699 min Scan# 1314
 Delta R.T. -0.006 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

ClientSampleId :

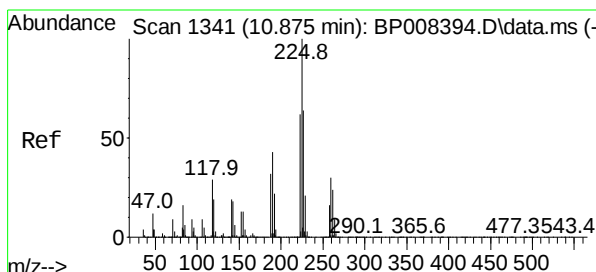
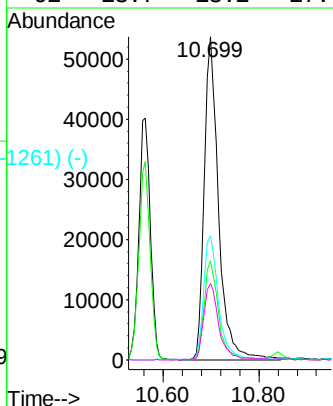
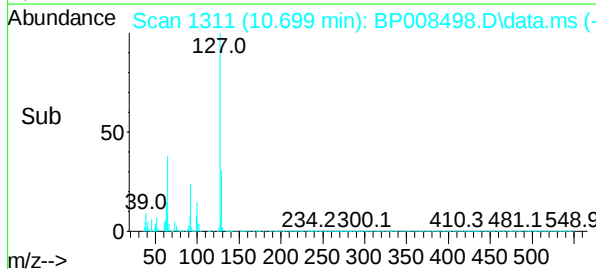
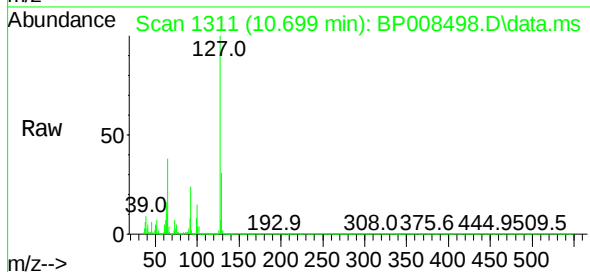
SB-15-GMS

Tgt Ion:	127	Resp:	11020
Ion Ratio	Lower	Upper	
127	100		
129	30.6	25.4	38.2
65	38.5	29.5	44.3
92	23.7	18.2	27.4

Manual Integrations

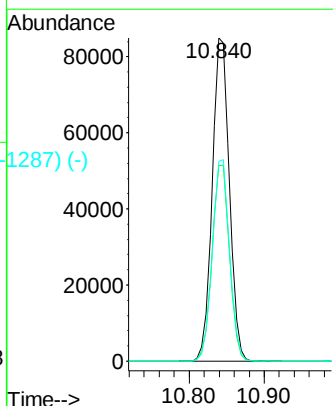
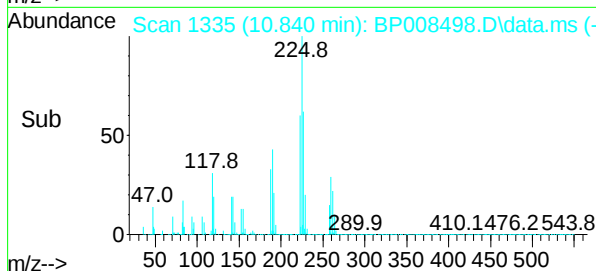
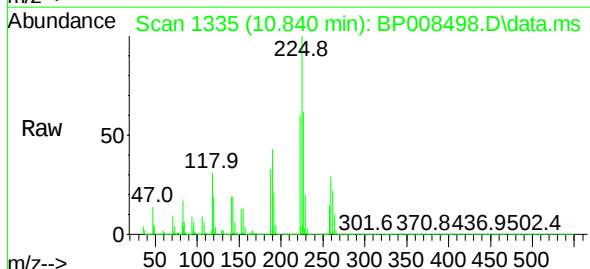
APPROVED

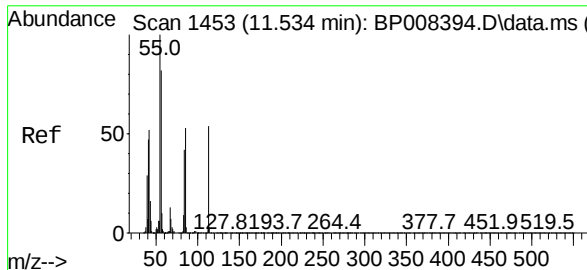
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 1341 (10.875 min): BP008394.D\data.ms (-1338) (-)
 Hexachlorobutadiene
 Concen: 41.526 ng
 RT: 10.840 min Scan# 1335
 Delta R.T. -0.018 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Tgt Ion:	225	Resp:	134615
Ion Ratio	Lower	Upper	
225	100		
223	60.5	52.5	78.7
227	61.7	51.0	76.6





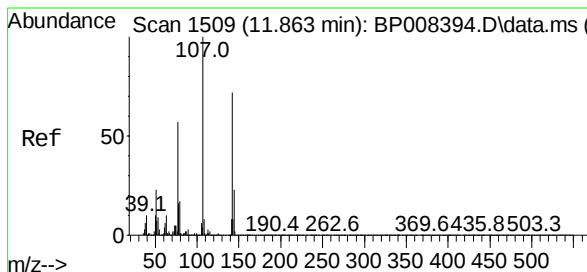
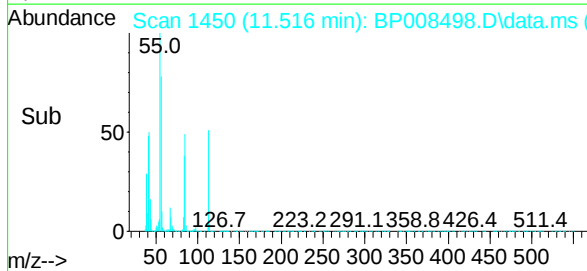
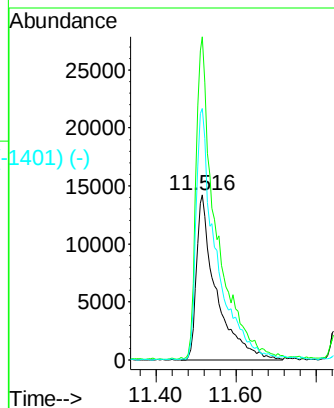
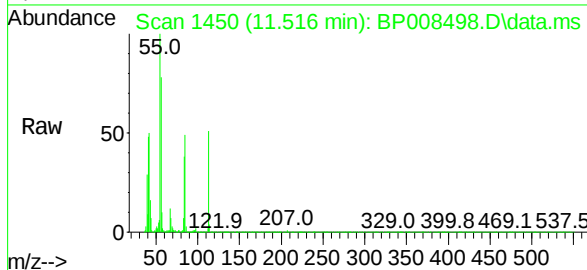
Caprolactam
Concen: 67.957 ng
RT: 11.516 min Scan# 1485
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :
BNA_P
ClientSampleId :
SB-15-GMS

Tgt Ion:113 Resp: 4814
Ion Ratio Lower Upper
113 100
55 195.7 174.2 214.2
56 152.4 130.3 170.3

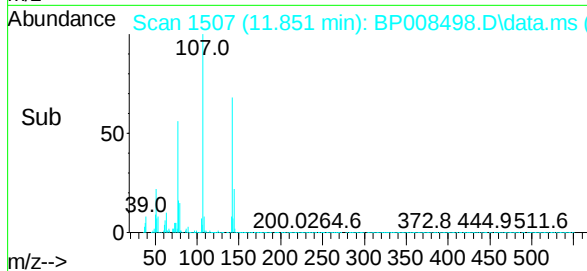
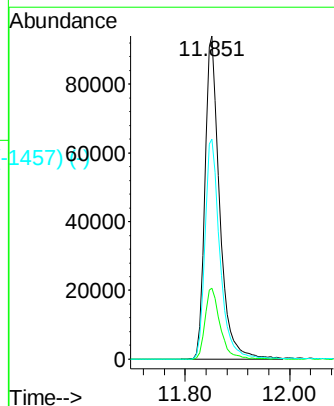
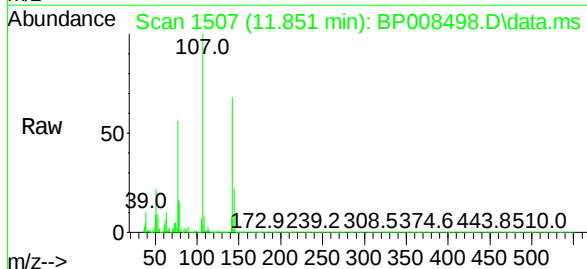
Manual Integrations
APPROVED

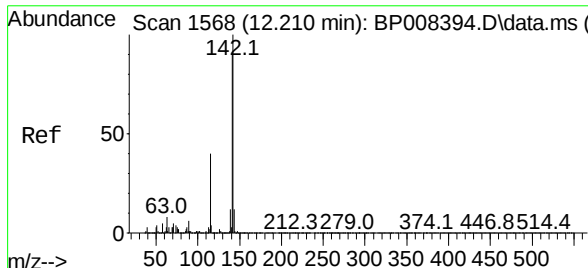
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



4-Chloro-3-methylphenol
Concen: 43.869 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:107 Resp: 183374
Ion Ratio Lower Upper
107 100
144 22.1 19.7 29.5
142 68.0 59.6 89.4





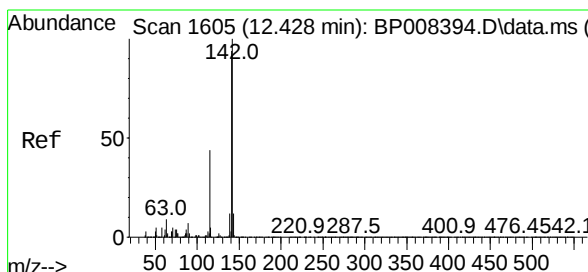
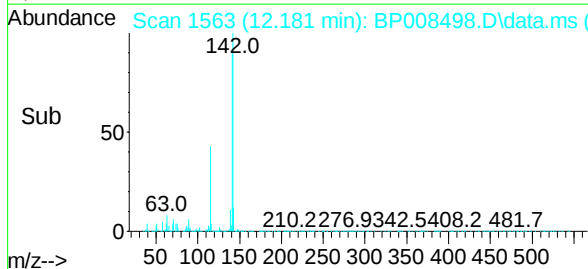
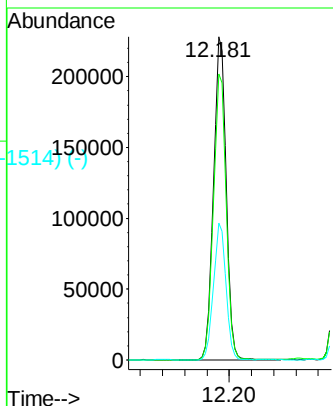
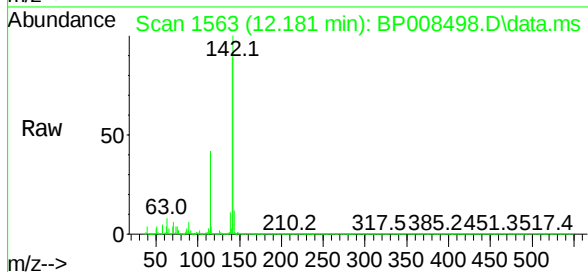
2-Methylnaphthalene
Concen: 45.713 ng
RT: 12.181 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :
BNA_P
ClientSampleId :
SB-15-GMS

Tgt Ion:142 Resp: 35820
Ion Ratio Lower Upper
142 100
141 88.6 70.7 106.3
115 42.3 30.9 46.3

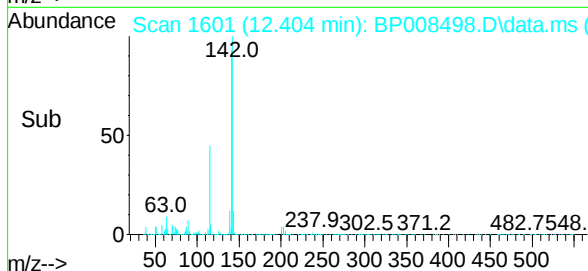
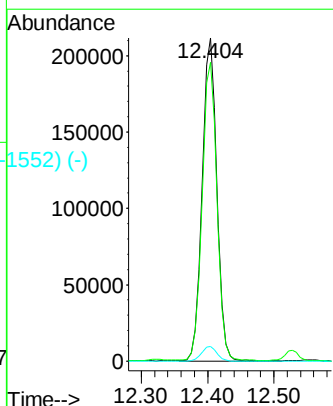
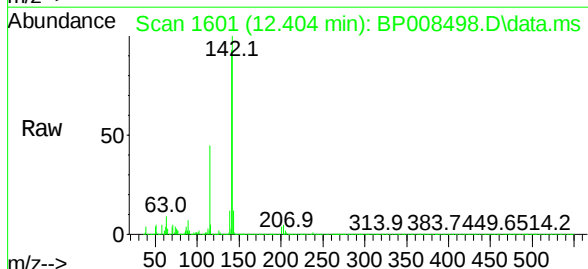
Manual Integrations
APPROVED

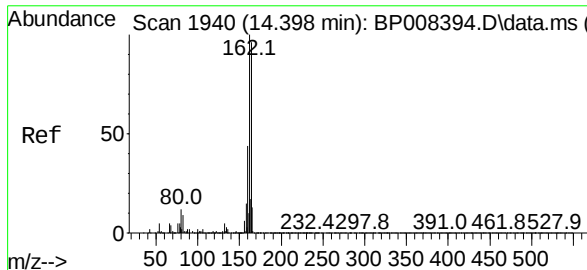
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



1-Methylnaphthalene
Concen: 43.112 ng
RT: 12.404 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:142 Resp: 328918
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.4
116 4.5 3.4 5.2





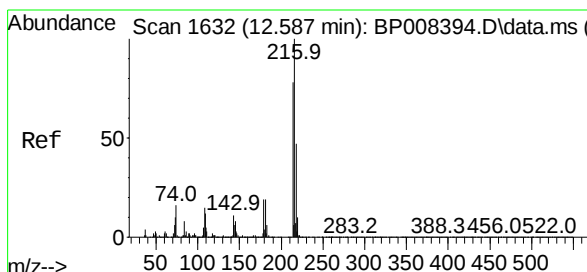
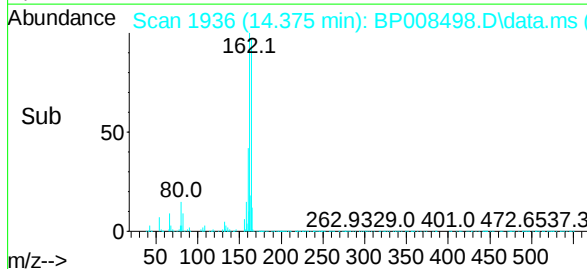
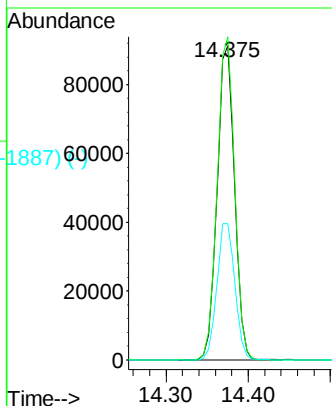
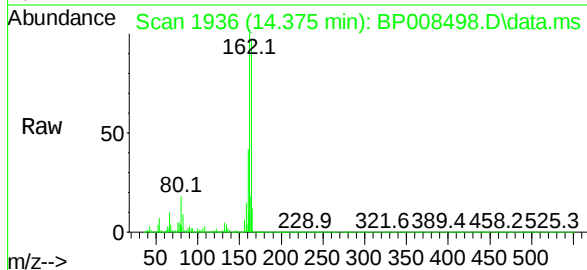
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :
BNA_P
ClientSampleId :
SB-15-GMS

Tgt Ion:164 Resp: 13517
Ion Ratio Lower Upper
164 100
162 102.9 81.9 122.9
160 43.4 35.4 53.0

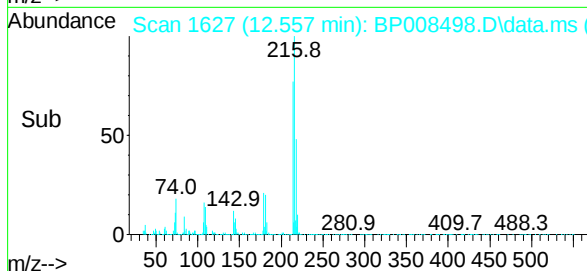
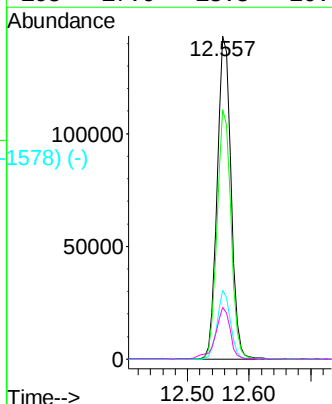
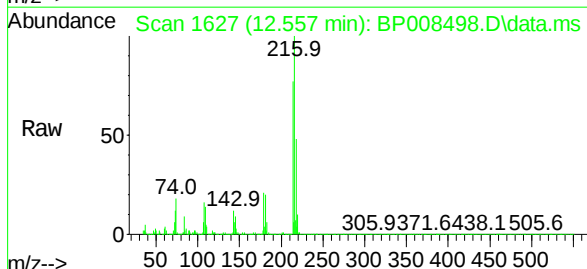
Manual Integrations
APPROVED

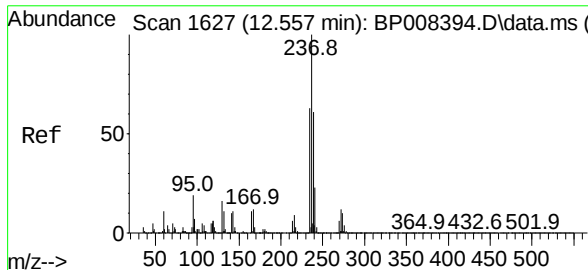
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



1,2,4,5-Tetrachlorobenzene
Concen: 43.209 ng
RT: 12.557 min Scan# 1627
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:216 Resp: 223147
Ion Ratio Lower Upper
216 100
214 77.4 62.5 93.7
179 20.6 16.4 24.6
108 17.0 13.8 20.8





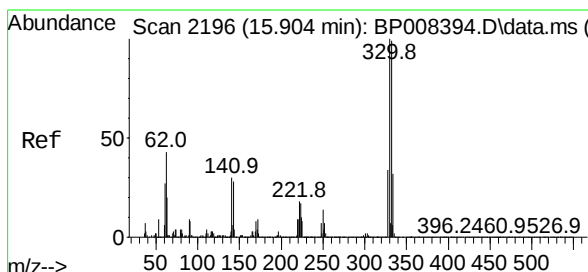
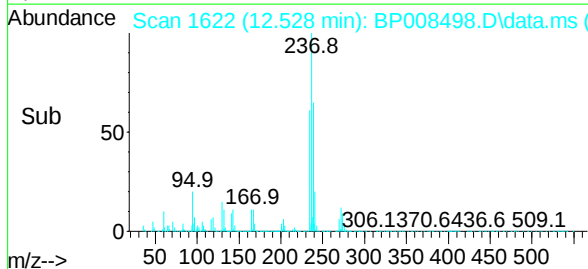
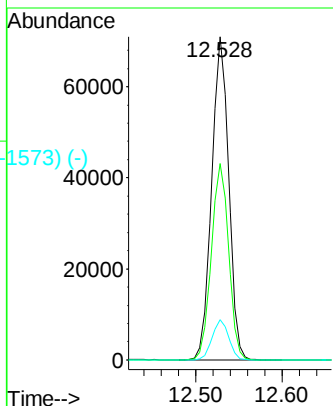
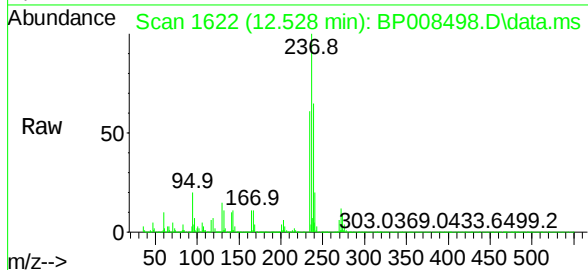
Scan 1627 (12.557 min): BP008394.D\data.ms (-1627) (-)
 Hexachlorocyclopentadiene
 Concen: 69.389 ng
 RT: 12.528 min Scan# 1627
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Instrument :
 BNA_P
 Client Sample Id :
 SB-15-GMS

Tgt Ion:	237	Resp:	973
Ion Ratio	Lower	Upper	
237	100		
235	60.8	42.3	82.3
272	12.4	0.0	32.2

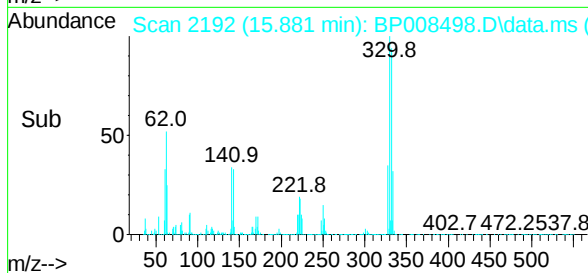
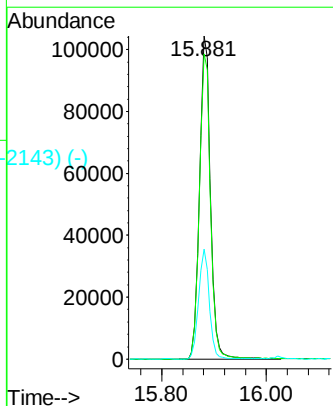
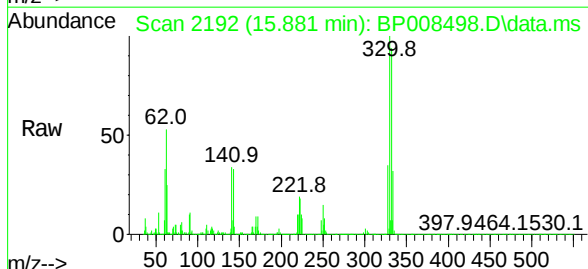
Manual Integrations
 APPROVED

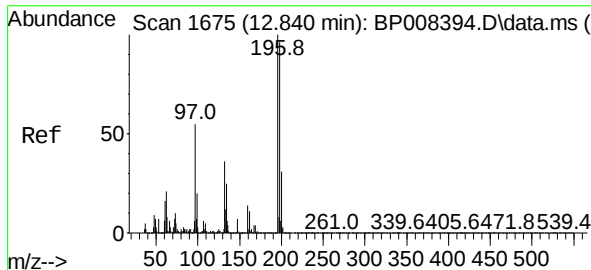
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 2196 (15.904 min): BP008394.D\data.ms (-2196) (-)
 2,4,6-Tribromophenol
 Concen: 75.916 ng
 RT: 15.881 min Scan# 2192
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Tgt Ion:	330	Resp:	150806
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.0	115.4
141	33.4	28.4	42.6





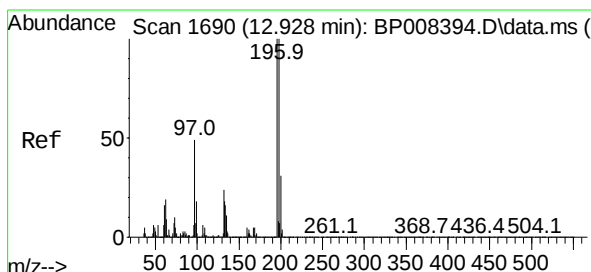
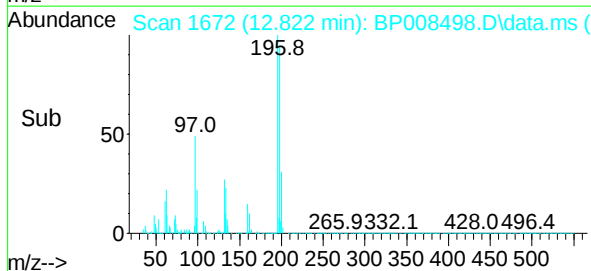
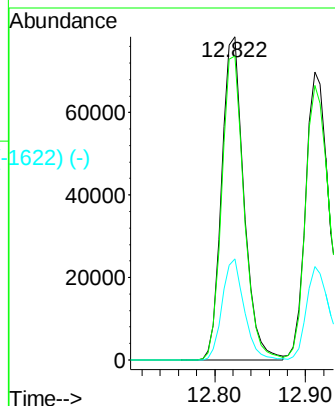
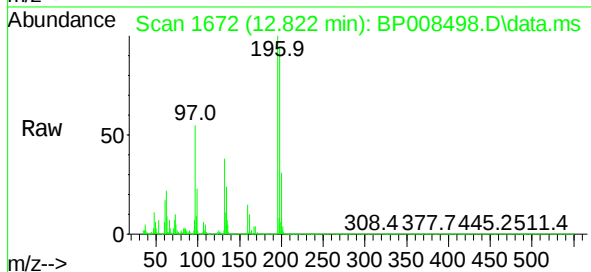
2,4,6-Trichlorophenol
Concen: 41.073 ng
RT: 12.822 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :
BNA_P
ClientSampleId :
SB-15-GMS

Tgt Ion:196 Resp: 13326
Ion Ratio Lower Upper
196 100
198 94.1 74.8 112.2
200 31.3 24.3 36.9

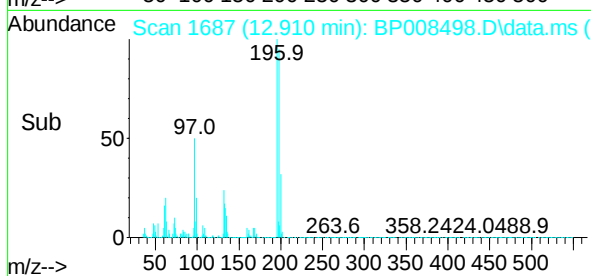
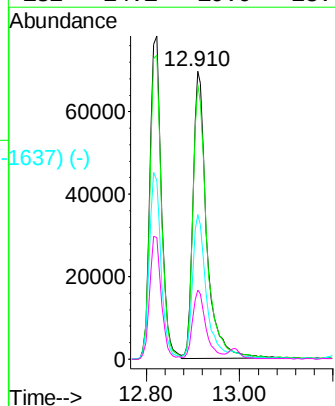
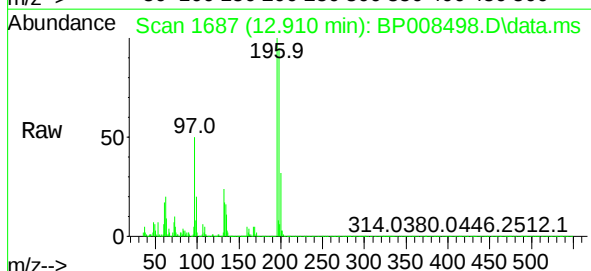
Manual Integrations
APPROVED

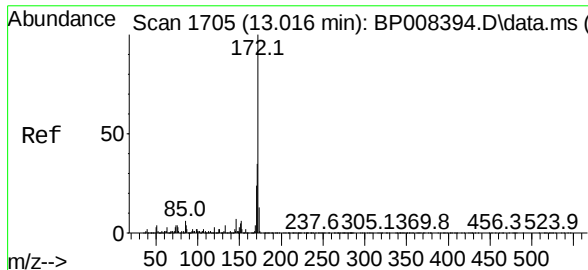
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



2,4,5-Trichlorophenol
Concen: 41.941 ng
RT: 12.910 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:196 Resp: 141928
Ion Ratio Lower Upper
196 100
198 95.3 76.2 114.4
97 50.2 40.8 61.2
132 24.1 19.0 28.4





2-Fluorobiphenyl
Concen: 60.841 ng
RT: 12.987 min Scan# 1695
Delta R.T. -0.018 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

ClientSampleId :

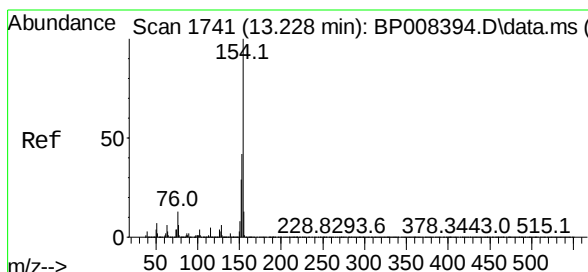
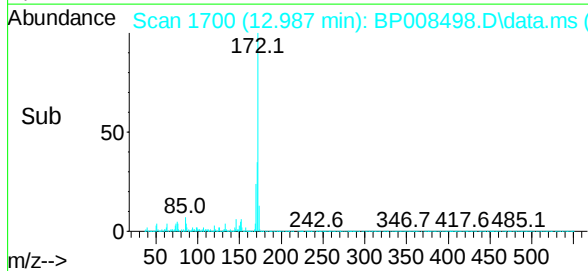
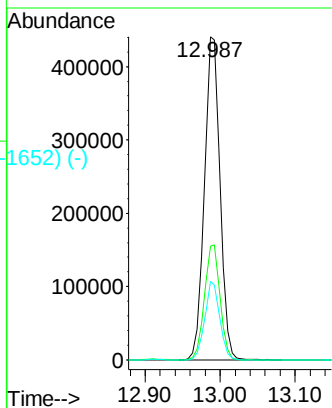
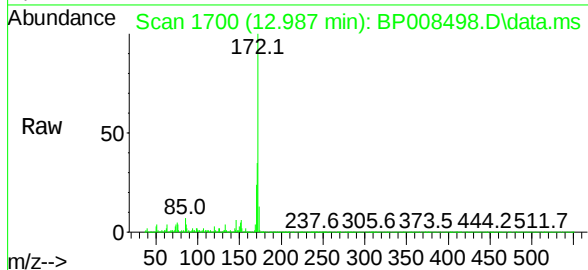
SB-15-GMS

Tgt Ion:172 Resp: 64695
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 24.3 18.9 28.3

Manual Integrations

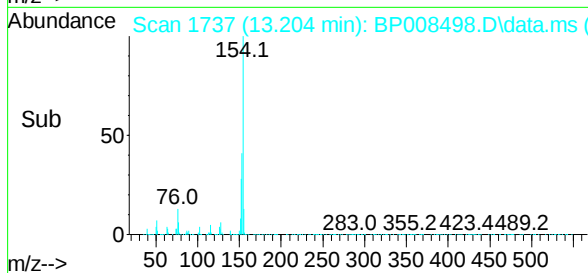
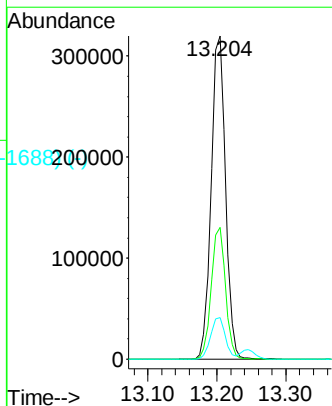
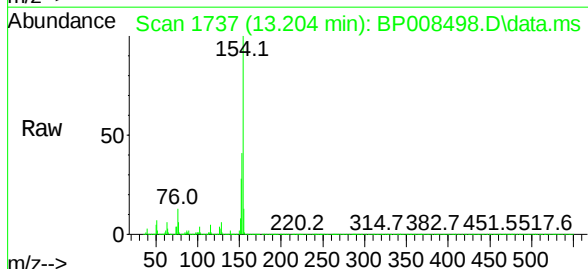
APPROVED

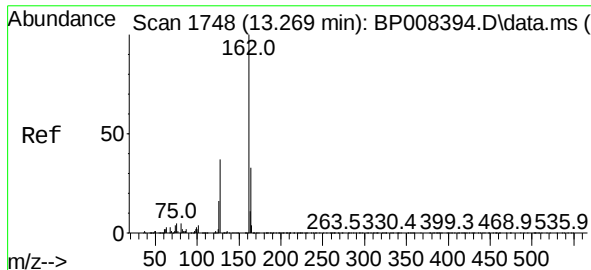
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



1,1'-Biphenyl
Concen: 44.289 ng
RT: 13.204 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:154 Resp: 462537
Ion Ratio Lower Upper
154 100
153 40.9 19.7 59.7
76 12.8 0.0 33.7





2-Chloronaphthalene

Concen: 42.981 ng

RT: 13.245 min Scan# 1748

Delta R.T. -0.012 min

Lab File: BP008498.D

Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

ClientSampleId :

SB-15-GMS

Tgt Ion:162 Resp: 35802

Ion Ratio Lower Upper

162 100

127 39.0 31.3 46.9

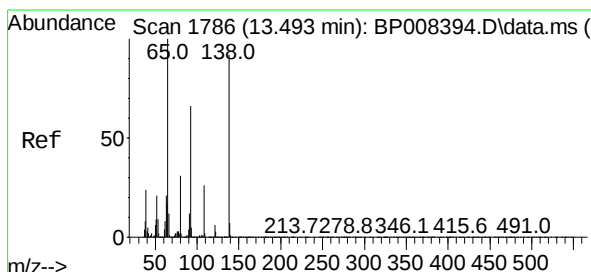
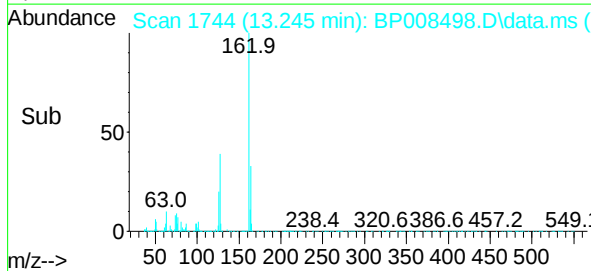
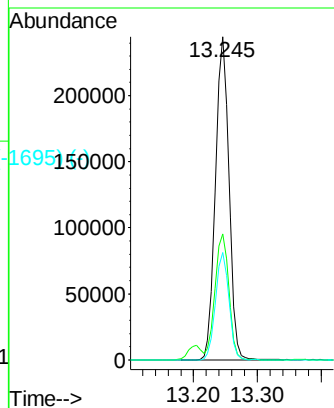
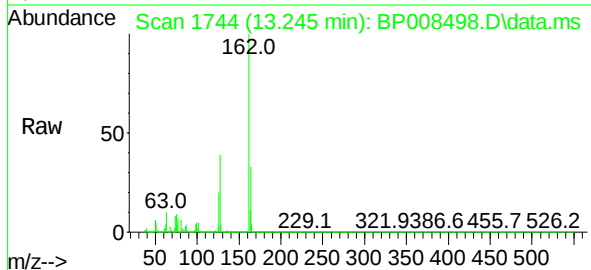
164 33.4 26.9 40.3

Manual Integrations

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Reviewed By :Christian Giraldo 12/20/2021

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2-Nitroaniline

Concen: 45.453 ng

RT: 13.469 min Scan# 1782

Delta R.T. -0.012 min

Lab File: BP008498.D

Acq: 18 Dec 2021 20:22

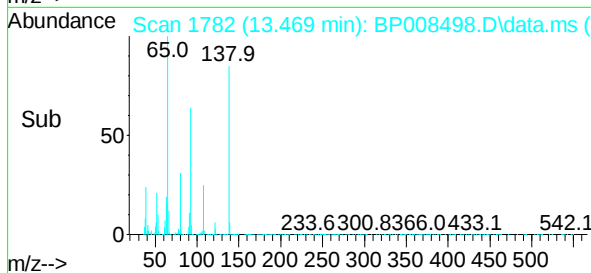
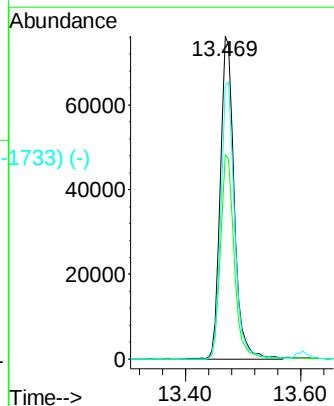
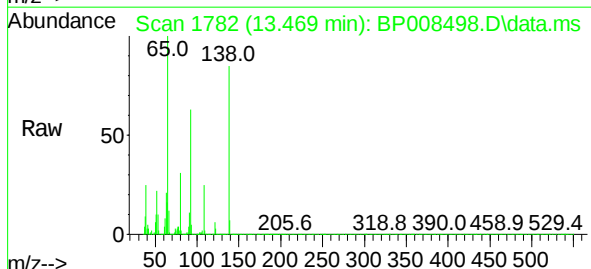
Tgt Ion: 65 Resp: 127343

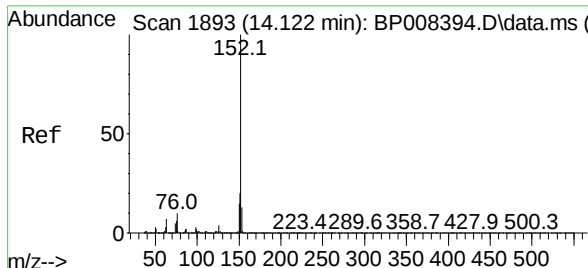
Ion Ratio Lower Upper

65 100

92 63.4 50.6 75.8

138 84.8 68.7 103.1





Acenaphthylene
Concen: 44.172 ng
RT: 14.092 min Scan# 1888
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

ClientSampleId :

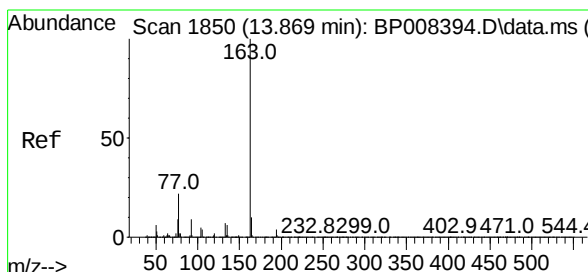
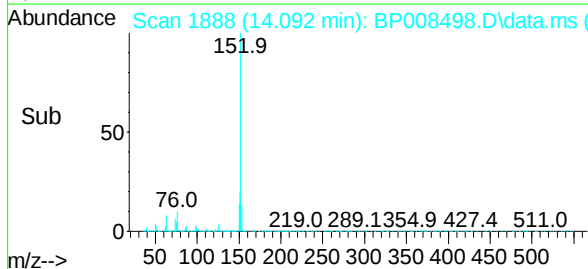
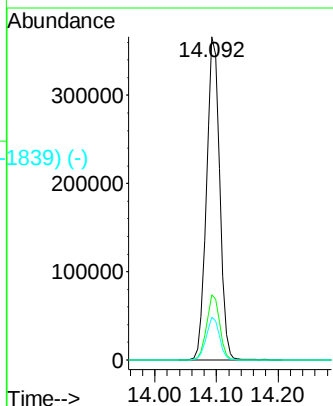
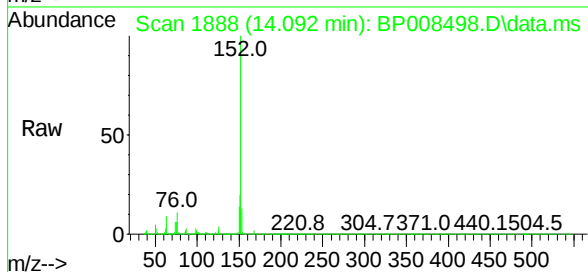
SB-15-GMS

Tgt Ion:	152	Resp:	54089
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.4
153	13.3	10.9	16.3

Manual Integrations

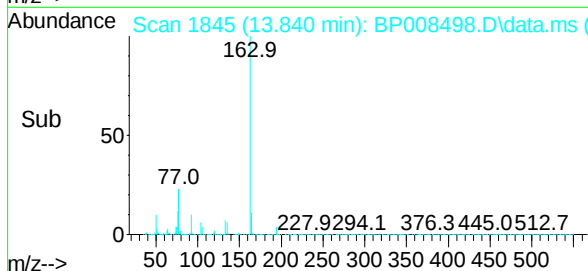
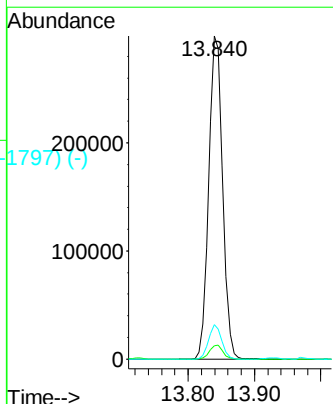
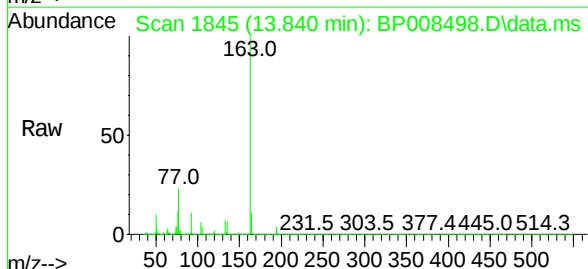
APPROVED

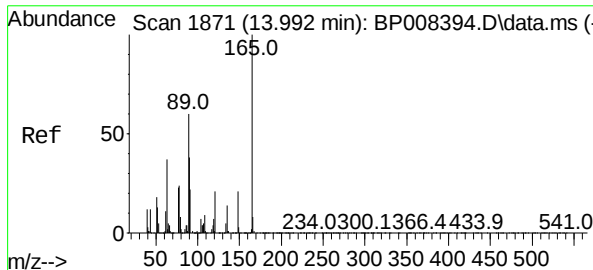
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Dimethylphthalate
Concen: 42.646 ng
RT: 13.840 min Scan# 1845
Delta R.T. -0.018 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:	163	Resp:	436455
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	10.7	8.2	12.2





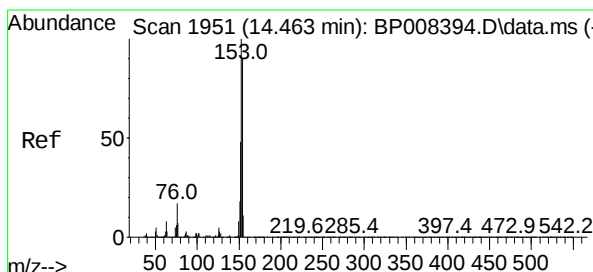
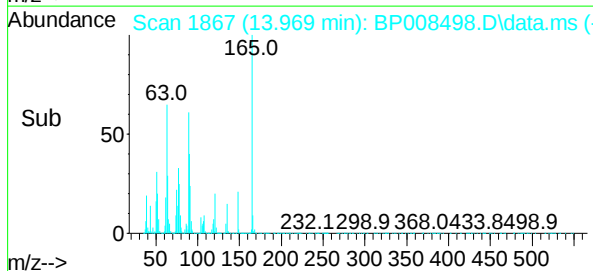
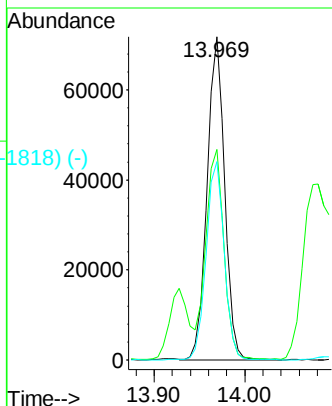
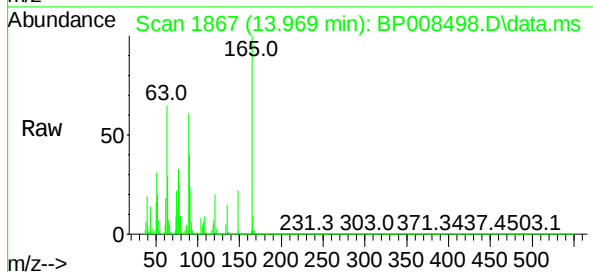
2,6-Dinitrotoluene
Concen: 44.966 ng
RT: 13.969 min Scan# 1867
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :
BNA_P
Client Sample Id :
SB-15-GMS

Tgt Ion:	165	Resp:	960
Ion Ratio	Lower	Upper	
165	100		
63	65.1	50.8	76.2
89	61.3	50.0	75.0

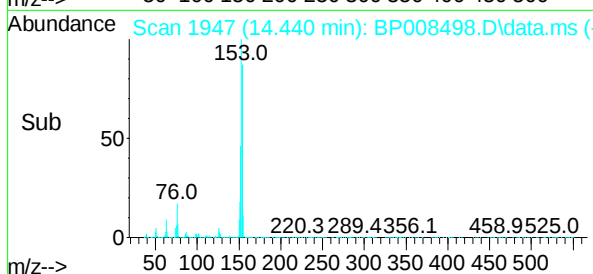
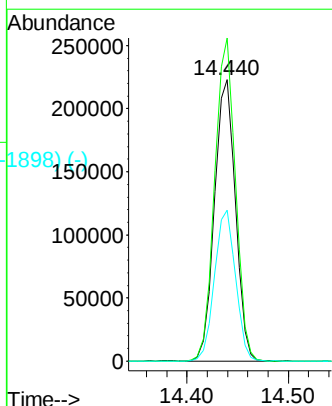
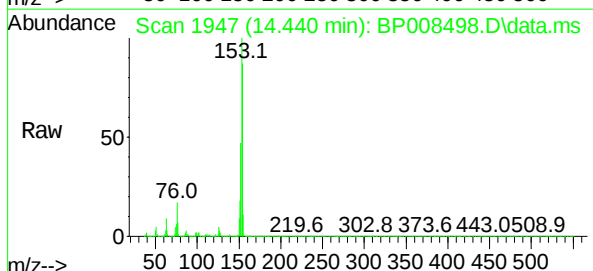
Manual Integrations
APPROVED

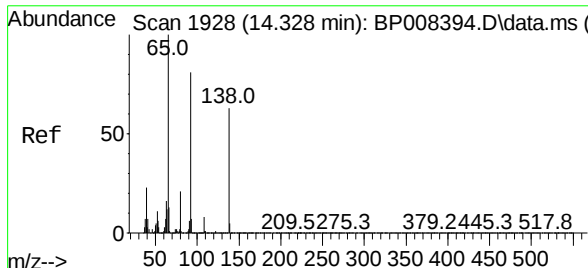
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Acenaphthene
Concen: 43.820 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:	154	Resp:	319160
Ion Ratio	Lower	Upper	
154	100		
153	114.8	90.3	135.5
152	53.6	43.3	64.9





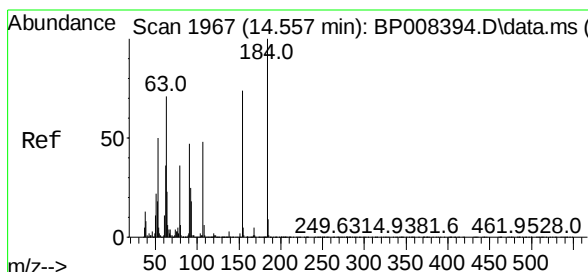
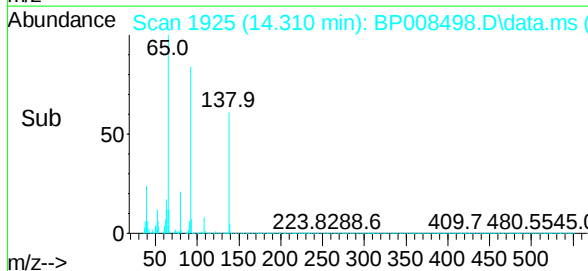
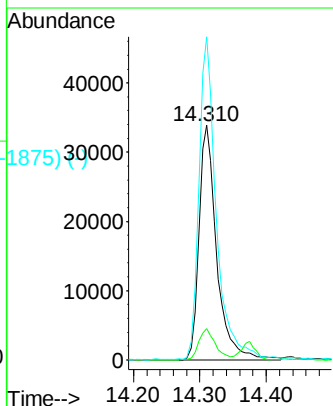
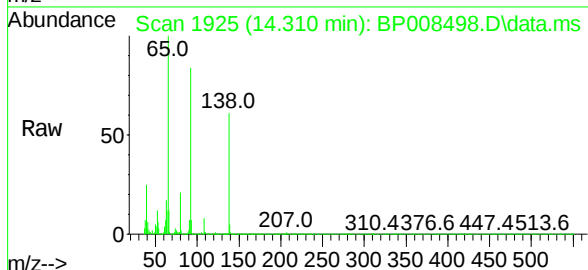
3-Nitroaniline
 Concen: 31.295 ng
 RT: 14.310 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Instrument :
 BNA_P
 ClientSampleId :
 SB-15-GMS

Tgt Ion:	138	Resp:	6299
Ion	Ratio	Lower	Upper
138	100		
108	13.4	9.2	13.8
92	137.8	102.9	154.3

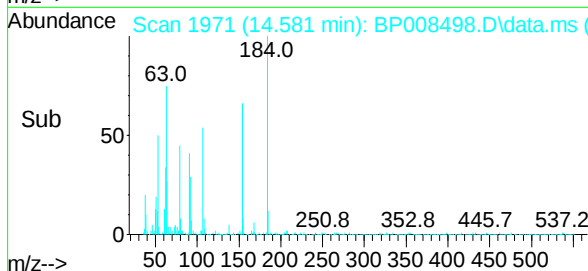
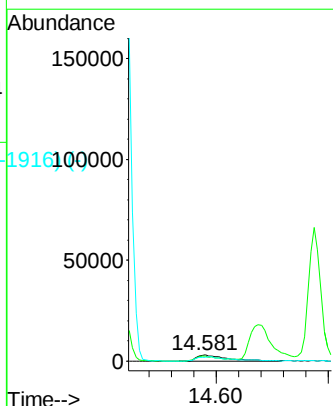
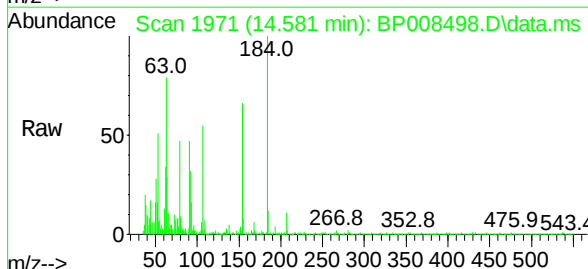
Manual Integrations
 APPROVED

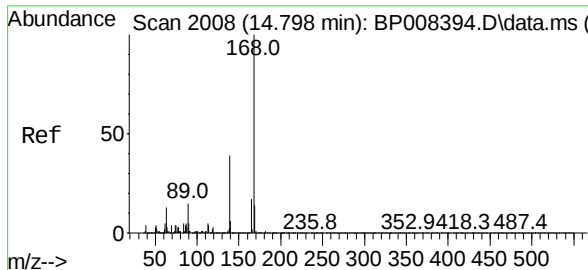
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



2,4-Dinitrophenol
 Concen: 10.620 ng m
 RT: 14.581 min Scan# 1971
 Delta R.T. 0.024 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Tgt Ion:	184	Resp:	11844
Ion	Ratio	Lower	Upper
184	100		
63	79.1	53.8	80.6
154	66.1	54.2	81.2





Scan 2008 (14.798 min): BP008394.D\data.ms (-1955) (-)
 Dibenzofuran
 Concen: 42.491 ng
 RT: 14.775 min Scan# 1955
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

Client Sample Id :

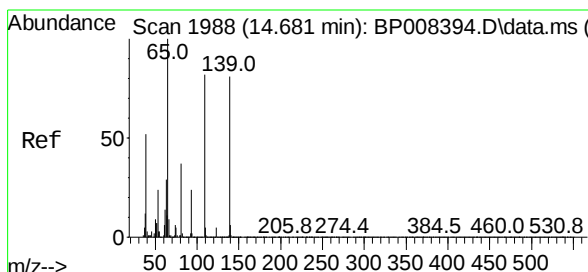
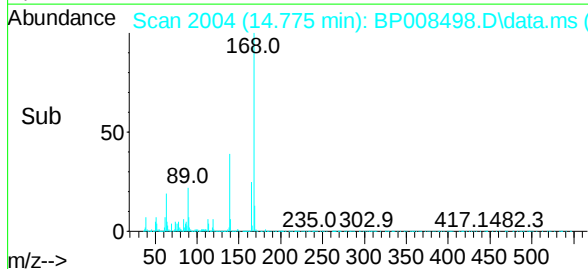
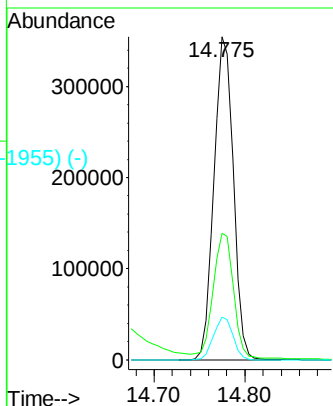
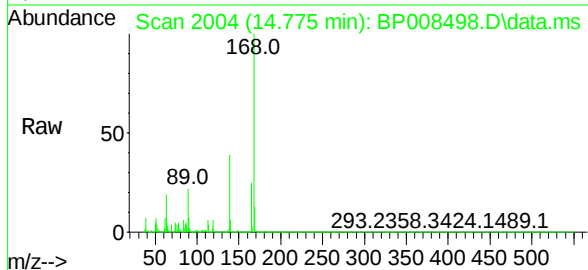
SB-15-GMS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.6	46.0
169	13.3	11.0	16.4

Manual Integrations

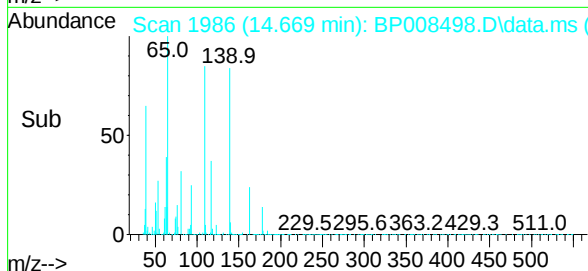
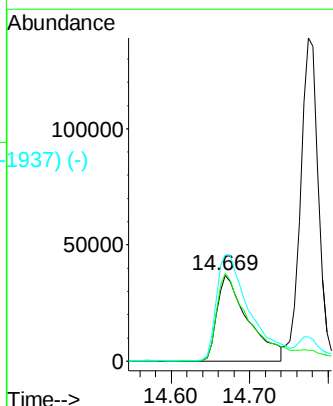
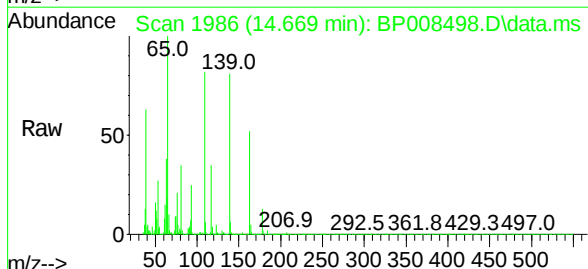
APPROVED

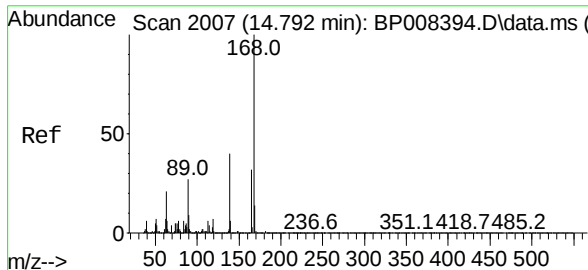
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 1988 (14.681 min): BP008394.D\data.ms (-1956) (-)
 4-Nitrophenol
 Concen: 87.030 ng
 RT: 14.669 min Scan# 1986
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.6	65.9	105.9
65	123.4	91.9	131.9





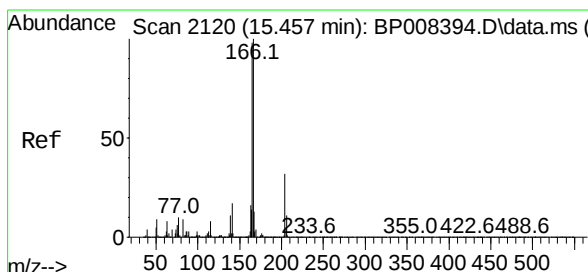
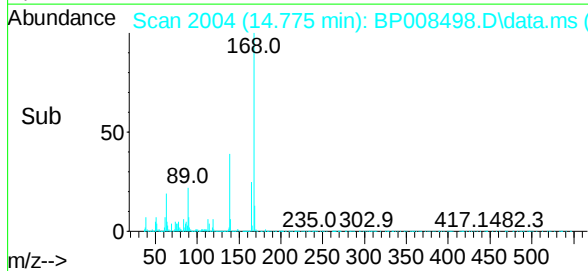
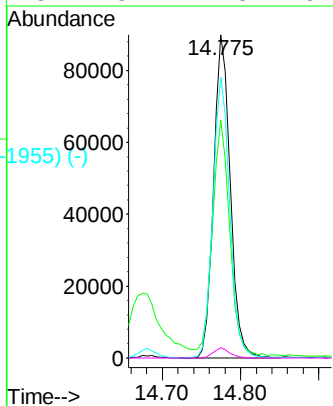
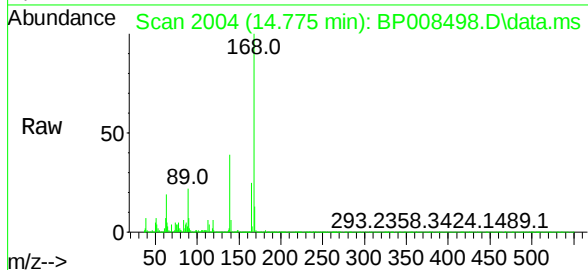
2,4-Dinitrotoluene
Concen: 46.291 ng
RT: 14.775 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :
BNA_P
ClientSampleId :
SB-15-GMS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.7	38.9	58.3
89	86.9	60.5	90.7
182	3.1	2.3	3.5

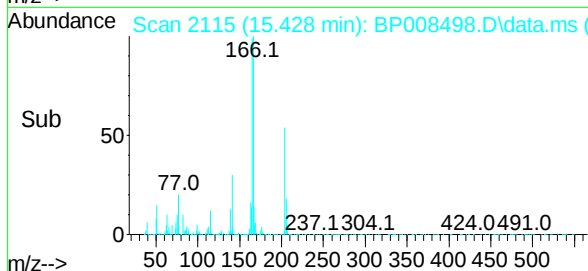
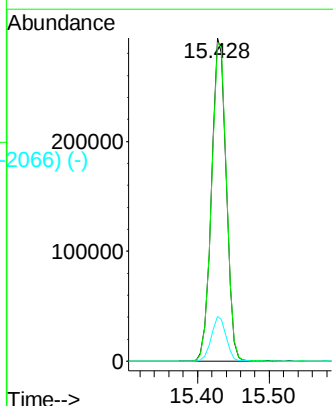
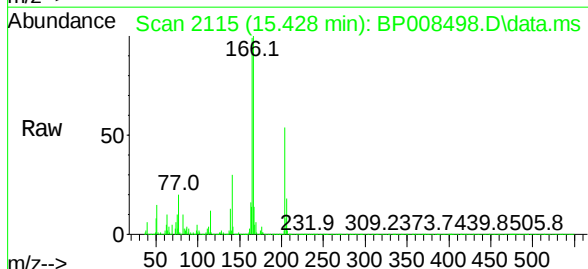
Manual Integrations
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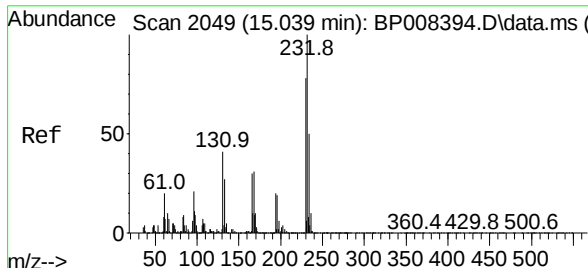
Reviewed By :Christian Giraldo 12/20/2021
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Fluorene
Concen: 43.402 ng
RT: 15.428 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.4	119.2
167	13.8	10.9	16.3





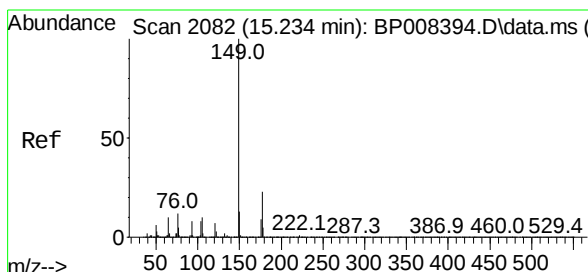
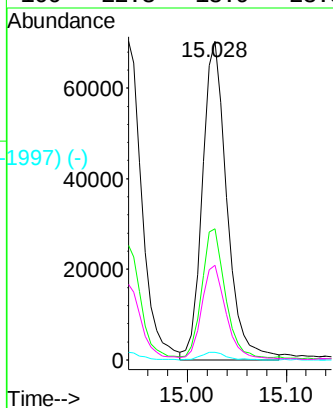
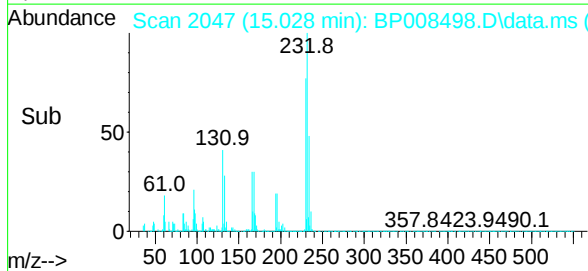
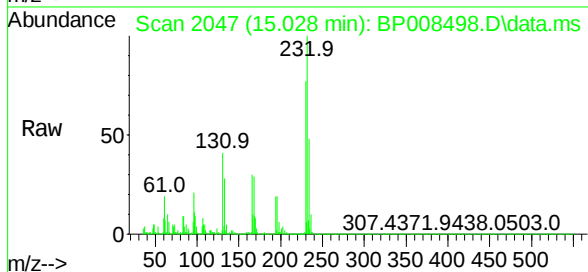
2,3,4,6-Tetrachlorophenol
 Concen: 42.233 ng m
 RT: 15.028 min Scan# 2049
 Delta R.T. -0.006 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Instrument :
 BNA_P
 ClientSampleId :
 SB-15-GMS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	33.9	28.1	42.3
130	2.3	1.8	2.8
166	22.3	18.9	28.3

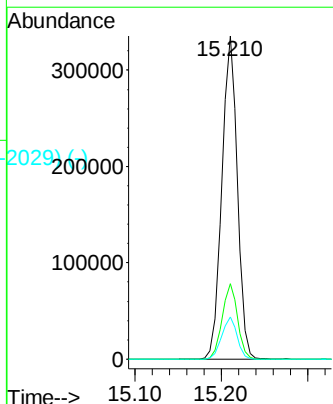
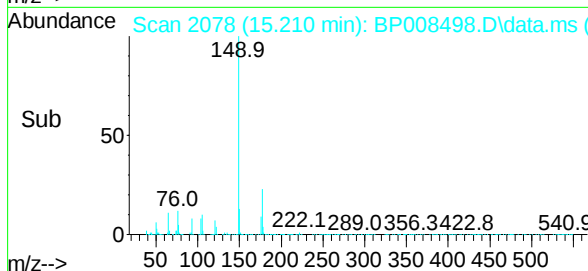
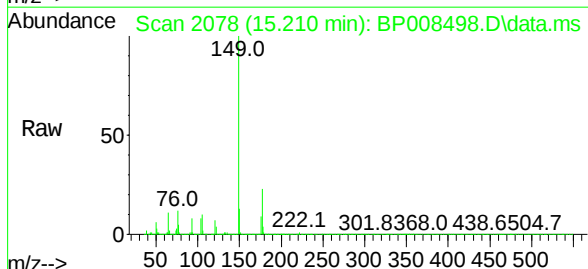
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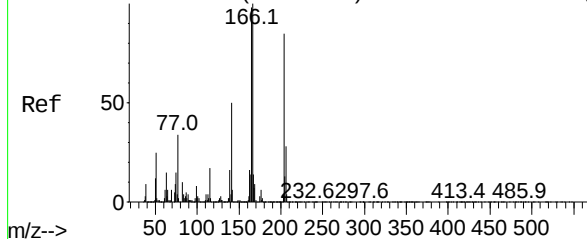


Diethylphthalate
 Concen: 43.883 ng
 RT: 15.210 min Scan# 2078
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.2	27.2
150	13.1	10.3	15.5



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



4-Chlorophenyl-phenylether
Concen: 41.632 ng
RT: 15.422 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

ClientSampleId :

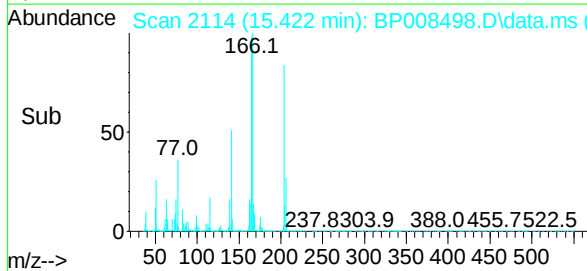
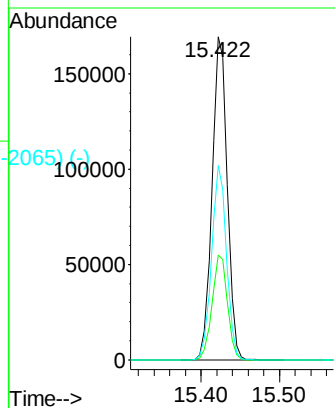
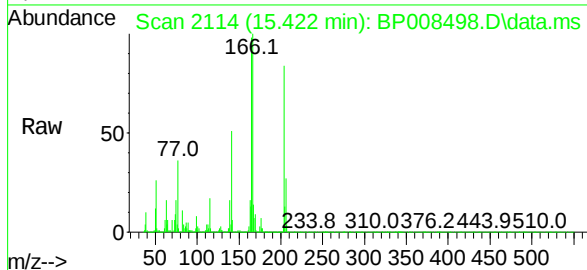
SB-15-GMS

Tgt Ion:204 Resp: 22850
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 60.3 47.4 71.0

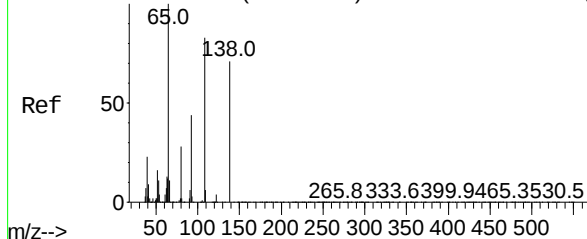
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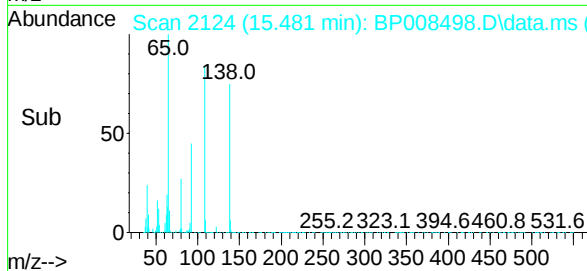
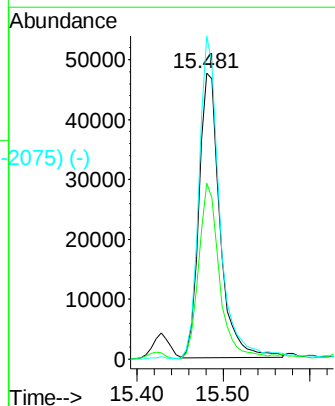
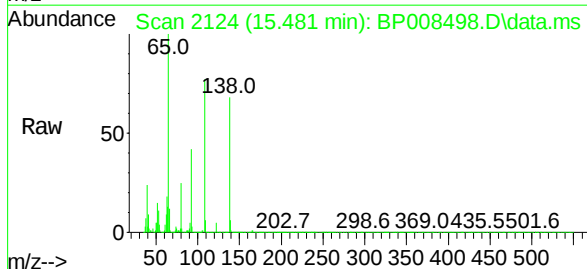


Abundance Scan 2127 (15.498 min): BP008394.D\data.ms (-2160) (-)

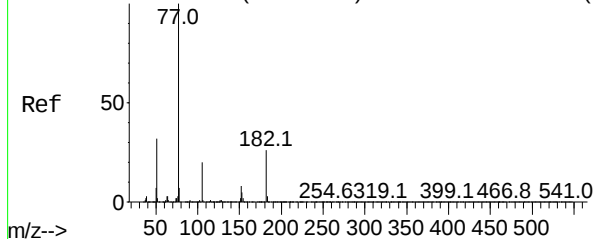


4-Nitroaniline
Concen: 43.850 ng
RT: 15.481 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:138 Resp: 79474
Ion Ratio Lower Upper
138 100
92 61.5 40.8 80.8
108 112.9 77.9 117.9



Abundance Scan 2169 (15.745 min): BP008394.D\data.ms (-2169) (-)



Azobenzene
Concen: 44.988 ng
RT: 15.722 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

ClientSampleId :

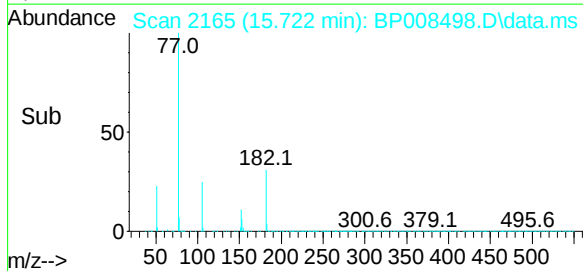
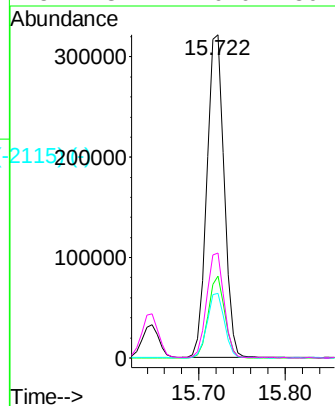
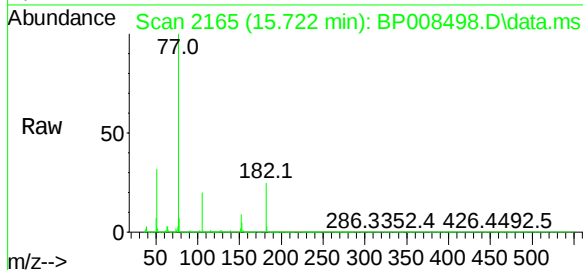
SB-15-GMS

Tgt Ion: 77 Resp: 44298
Ion Ratio Lower Upper
77 100
182 25.2 3.8 43.8
105 20.1 0.5 40.5
51 32.4 10.0 50.0

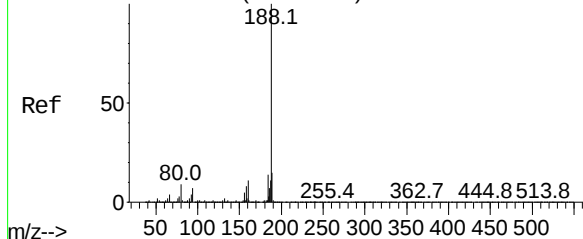
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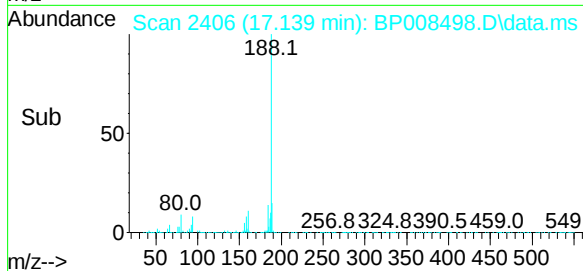
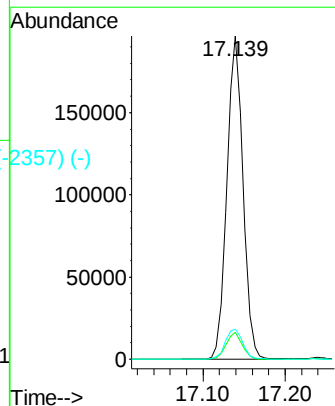
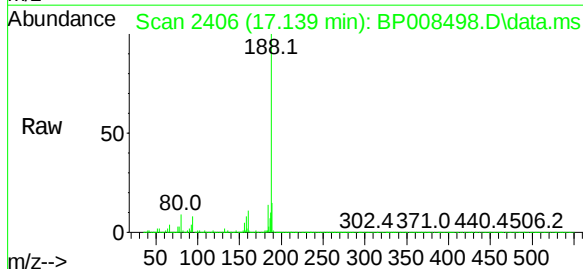


Abundance Scan 2410 (17.163 min): BP008394.D\data.ms (-2410) (-)



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:188 Resp: 267783
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.2 8.2 12.4



Abundance Scan 2138 (15.563 min): BP008394.D\data.ms (-2138) (-)

4,6-Dinitro-2-methylphenol

Concen: 10.802 ng

RT: 15.563 min Scan# 2138

Delta R.T. -0.000 min

Lab File: BP008498.D

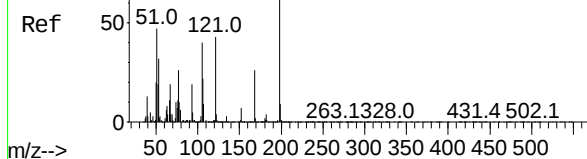
Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

ClientSampleId :

SB-15-GMS



Tgt Ion:198 Resp: 1890

Ion Ratio Lower Upper

198 100

51 55.4 25.9 65.9

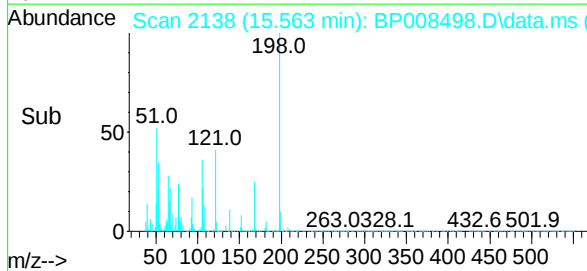
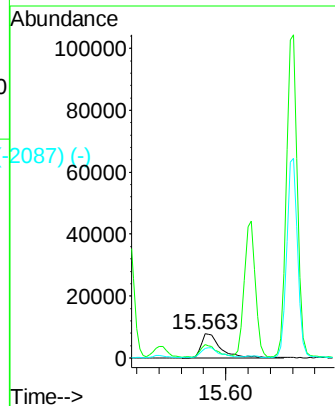
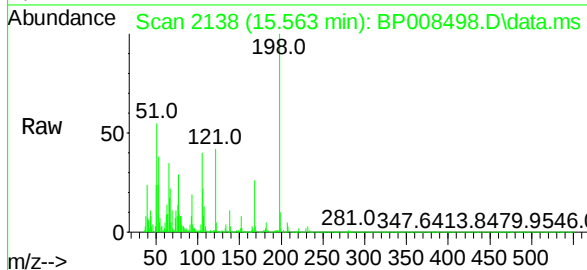
105 39.9 20.2 60.2

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Abundance Scan 2156 (15.669 min): BP008394.D\data.ms (-2156) (-)

n-Nitrosodiphenylamine

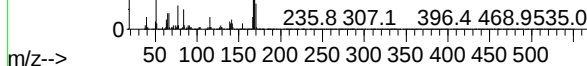
Concen: 42.390 ng

RT: 15.645 min Scan# 2152

Delta R.T. -0.012 min

Lab File: BP008498.D

Acq: 18 Dec 2021 20:22



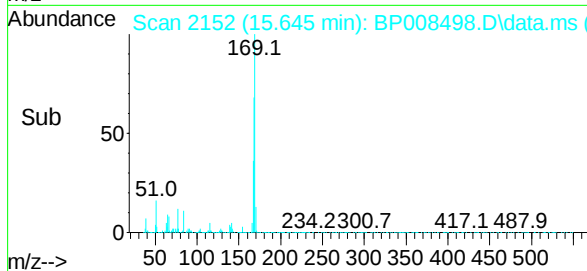
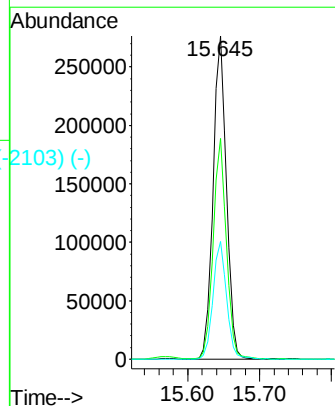
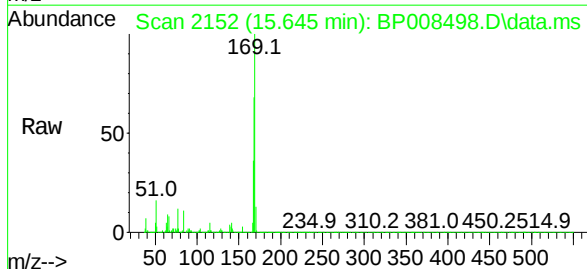
Tgt Ion:169 Resp: 357391

Ion Ratio Lower Upper

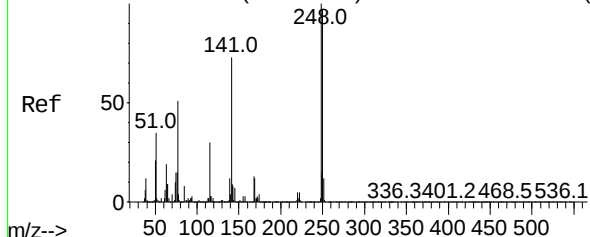
169 100

168 68.3 53.5 80.3

167 36.4 29.3 43.9



Abundance Scan 2271 (16.345 min): BP008394.D\data.ms (-2267) (-)



4-Bromophenyl-phenylether
Concen: 40.742 ng
RT: 16.322 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

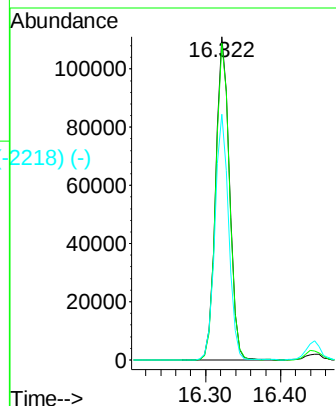
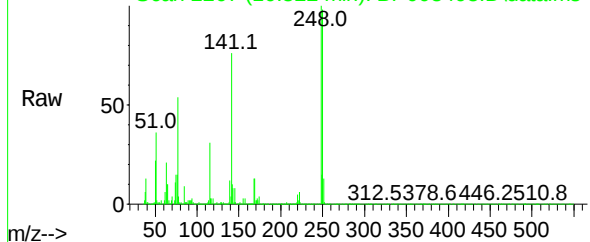
Instrument :
BNA_P
ClientSampleId :
SB-15-GMS

Tgt Ion:248 Resp: 14210
Ion Ratio Lower Upper
248 100
250 98.1 78.6 117.8
141 76.0 57.0 85.6

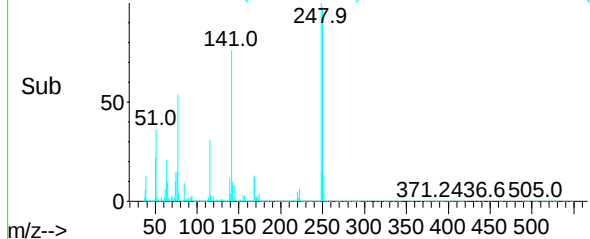
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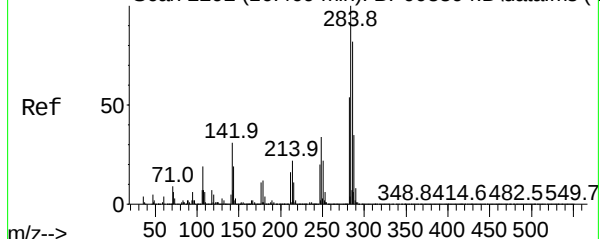
Abundance Scan 2267 (16.322 min): BP008498.D\data.ms



Abundance Scan 2267 (16.322 min): BP008498.D\data.ms (-2218) (-)



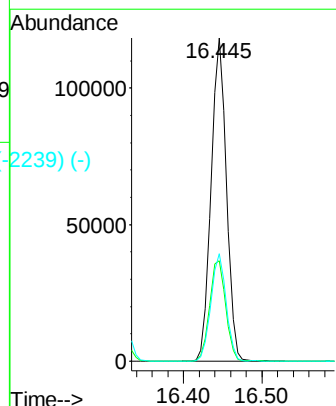
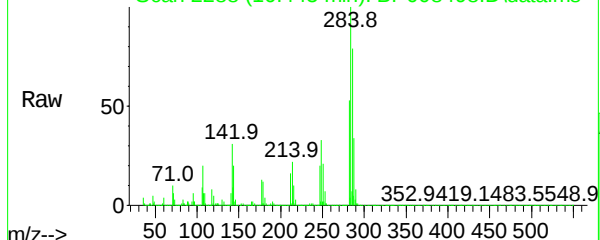
Abundance Scan 2292 (16.469 min): BP008394.D\data.ms (-2268) (-)



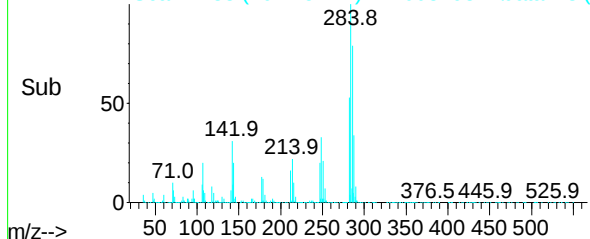
Hexachlorobenzene
Concen: 41.537 ng
RT: 16.445 min Scan# 2288
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

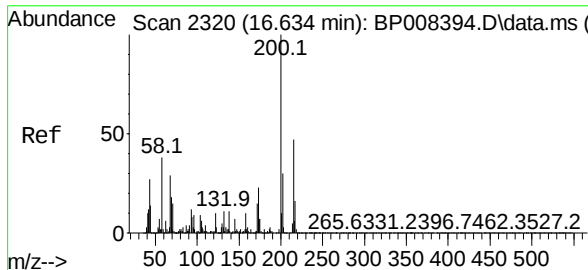
Tgt Ion:284 Resp: 159547
Ion Ratio Lower Upper
284 100
142 31.1 28.6 42.8
249 33.3 27.1 40.7

Abundance Scan 2288 (16.445 min): BP008498.D\data.ms



Abundance Scan 2288 (16.445 min): BP008498.D\data.ms (-2239) (-)





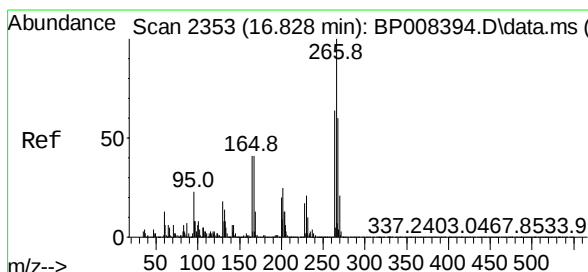
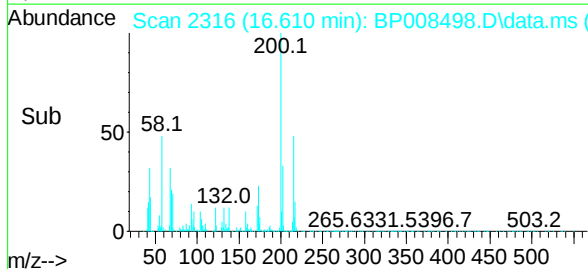
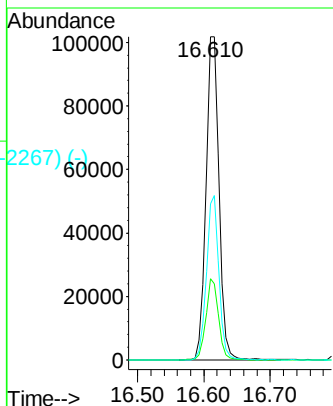
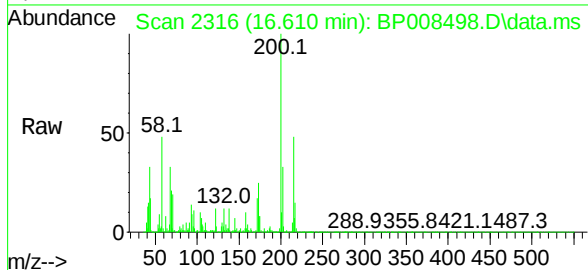
Atrazine
Concen: 75.494 ng
RT: 16.610 min Scan# 2319
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :
BNA_P
Client Sample Id :
SB-15-GMS

Tgt Ion:	200	Resp:	14022
Ion Ratio	Lower	Upper	
200	100		
173	25.1	6.8	46.8
215	48.4	28.4	68.4

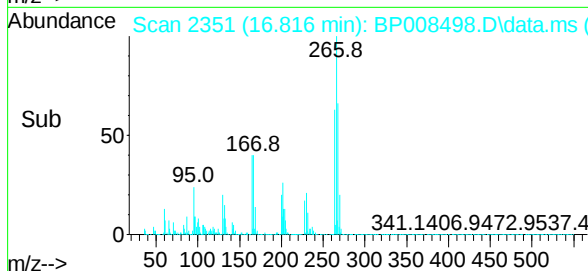
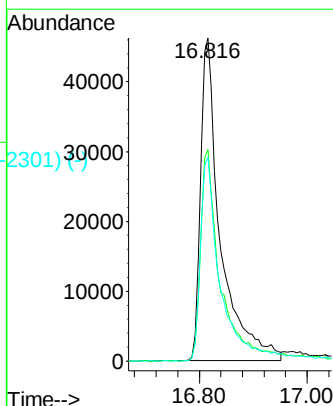
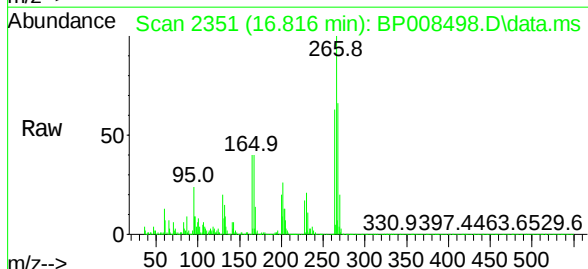
Manual Integrations
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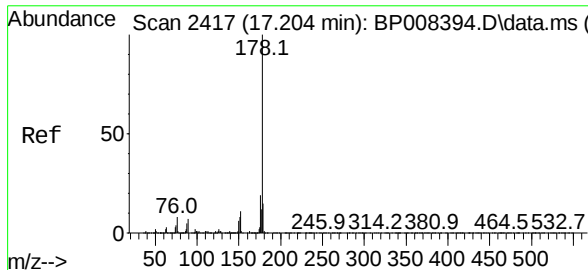
Reviewed By :Christian Giraldo 12/20/2021
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Pentachlorophenol
Concen: 68.510 ng
RT: 16.816 min Scan# 2351
Delta R.T. -0.006 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:	266	Resp:	117606
Ion Ratio	Lower	Upper	
266	100		
268	65.5	50.1	75.1
264	63.2	49.5	74.3





Scan 2417 (17.204 min): BP008394.D\data.ms (-2476)
 Phenanthrene
 Concen: 44.722 ng
 RT: 17.181 min Scan# 2413
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

Client Sample Id :

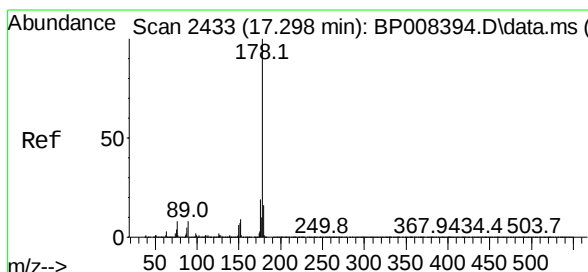
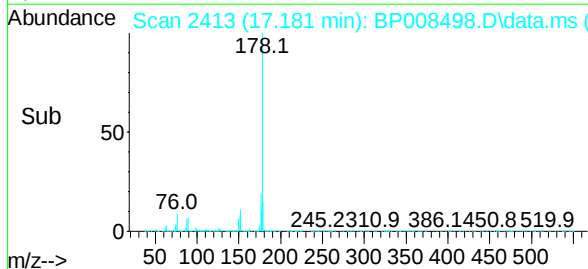
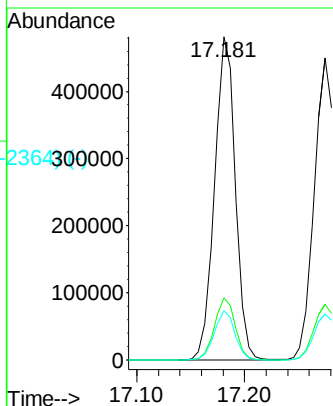
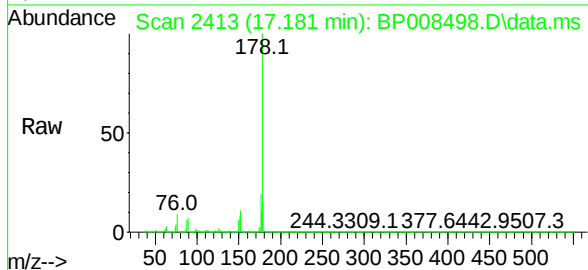
SB-15-GMS

Tgt Ion:178 Resp: 64872
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.2 12.5 18.7

Manual Integrations

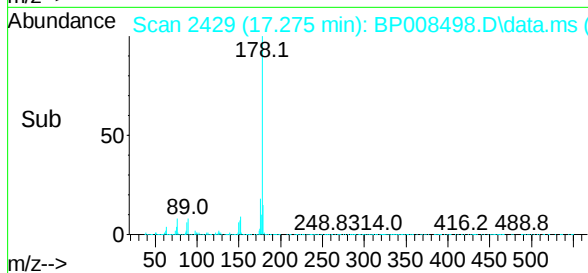
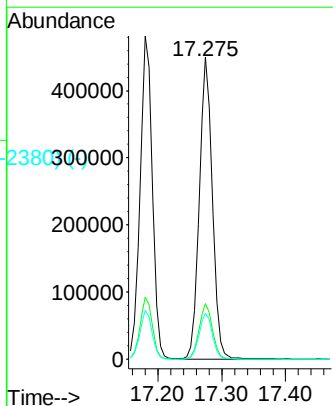
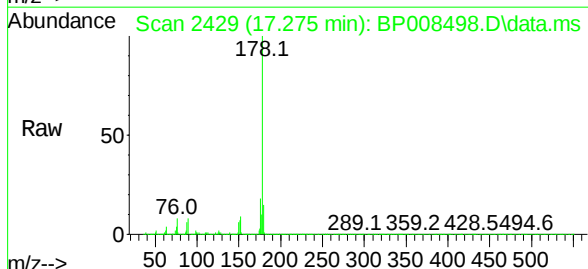
APPROVED

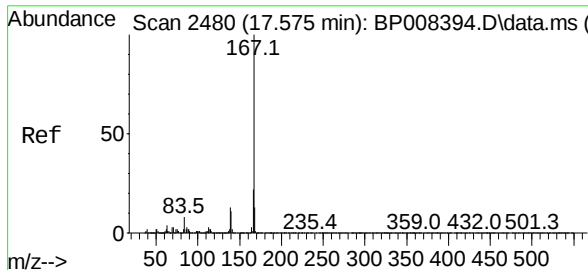
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Scan 2433 (17.298 min): BP008394.D\data.ms (-2476)
 Anthracene
 Concen: 45.112 ng
 RT: 17.275 min Scan# 2429
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Tgt Ion:178 Resp: 645613
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.1 22.7
 179 15.3 12.3 18.5





Scan 2480 (17.575 min): BP008394.D\data.ms (-2478) (-)
 Carbazole
 Concen: 43.491 ng
 RT: 17.557 min Scan# 2477
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

Client Sample Id :

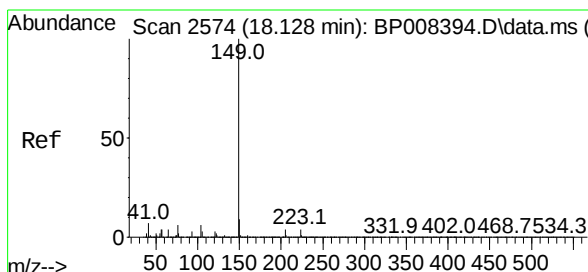
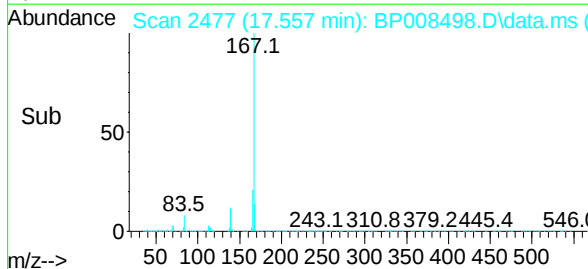
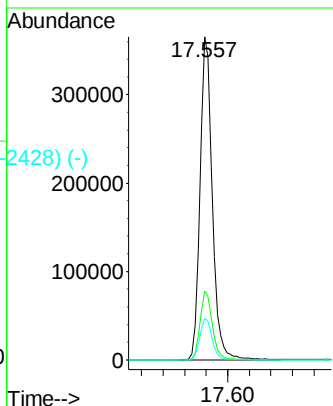
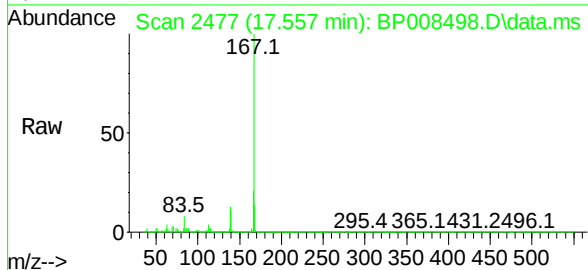
SB-15-GMS

Tgt Ion:	167	Resp:	56957
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.4	26.0
139	12.9	10.2	15.2

Manual Integrations

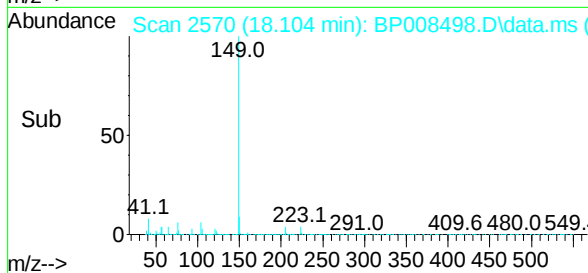
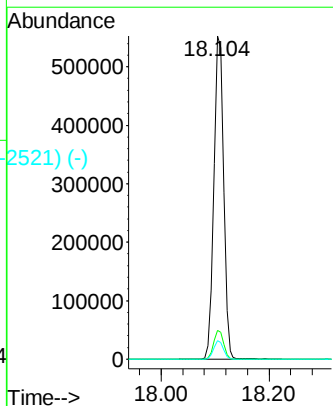
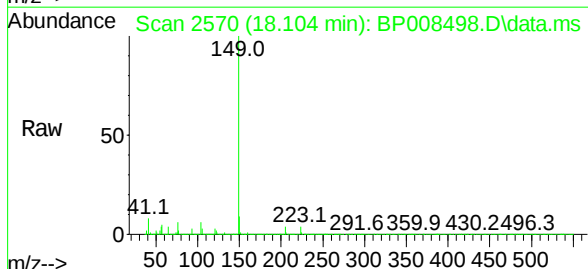
APPROVED

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 Supervised By :mohammad ahmed 12/27/2021

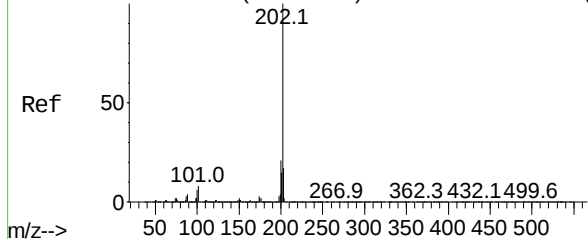


Scan 2574 (18.128 min): BP008394.D\data.ms (-2574) (-)
 Di-n-butylphthalate
 Concen: 46.034 ng
 RT: 18.104 min Scan# 2570
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Tgt Ion:	149	Resp:	691677
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.4	11.2
104	5.8	4.4	6.6



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



Fluoranthene

Concen: 47.420 ng

RT: 19.163 min Scan# 2754

Delta R.T. -0.012 min

Lab File: BP008498.D

Acq: 18 Dec 2021 20:22

Instrument :

BNA_P

ClientSampleId :

SB-15-GMS

Tgt Ion:202 Resp: 77659

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.8

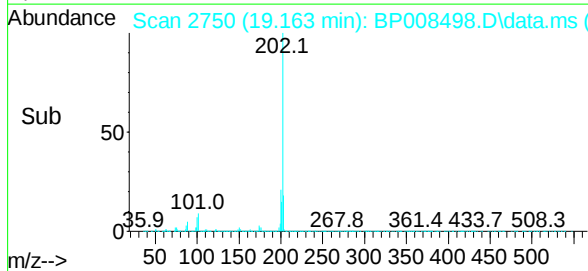
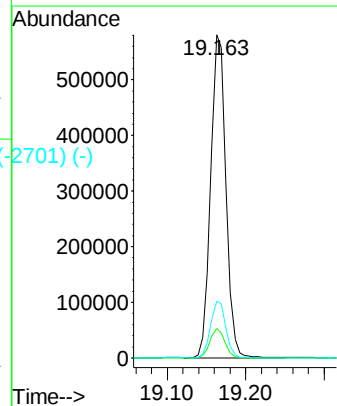
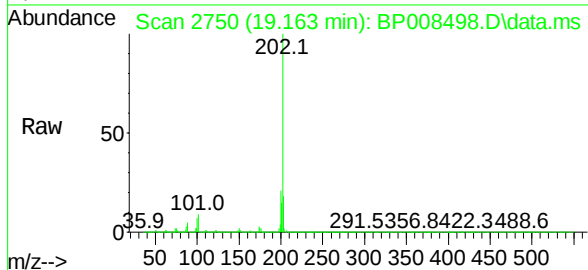
203 17.5 0.0 37.7

Manual Integrations

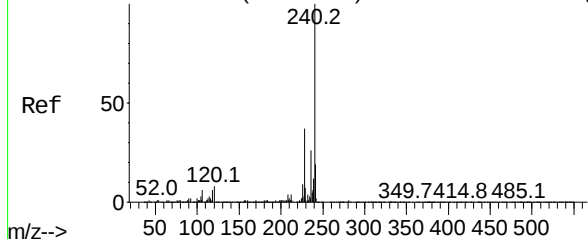
APPROVED

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



Chrysene-d12

Concen: 20.000 ng

RT: 21.251 min Scan# 3105

Delta R.T. -0.012 min

Lab File: BP008498.D

Acq: 18 Dec 2021 20:22

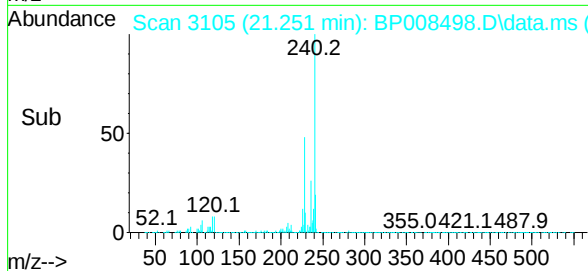
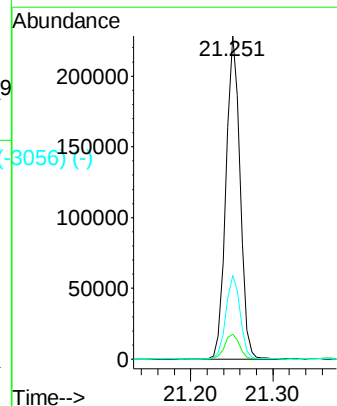
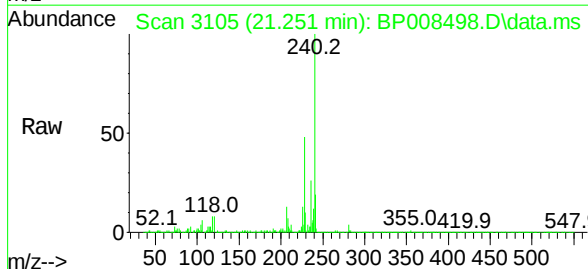
Tgt Ion:240 Resp: 273941

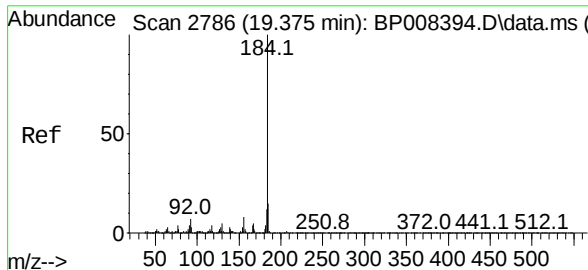
Ion Ratio Lower Upper

240 100

120 7.6 7.3 10.9

236 25.9 21.4 32.2





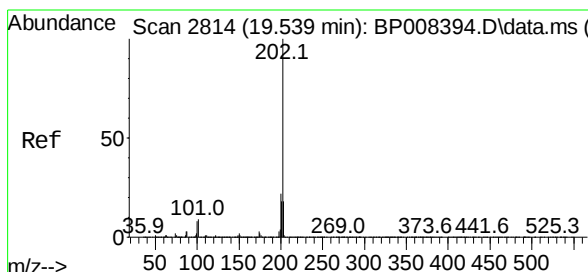
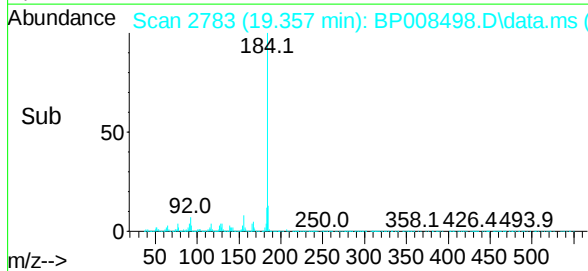
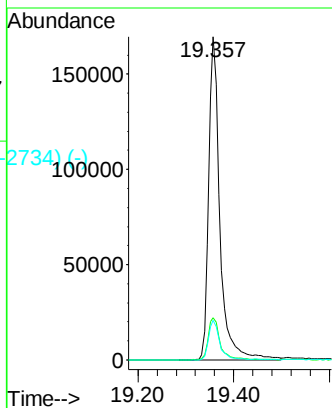
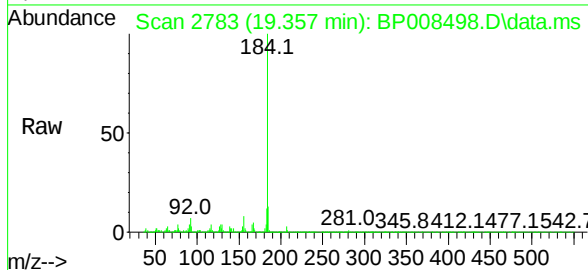
Benzidine
Concen: 98.467 ng
RT: 19.357 min Scan# 2786
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :
BNA_P
ClientSampleId :
SB-15-GMS

Tgt Ion:184 Resp: 2736
Ion Ratio Lower Upper
184 100
185 13.0 10.3 15.5
183 12.3 9.1 13.7

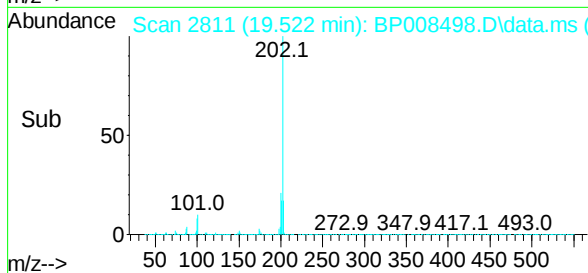
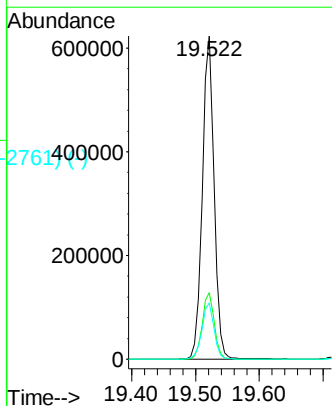
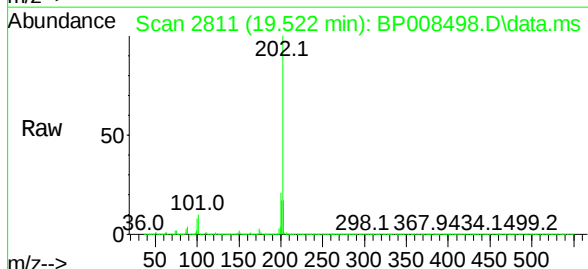
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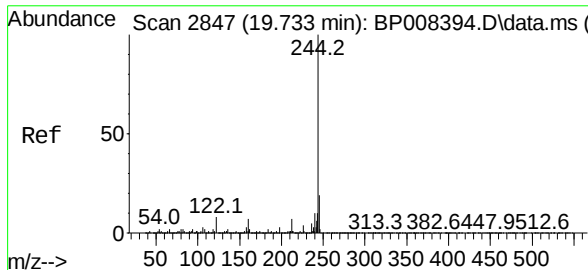
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/27/2021



Pyrene
Concen: 40.947 ng
RT: 19.522 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:202 Resp: 802534
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 17.4 14.2 21.2





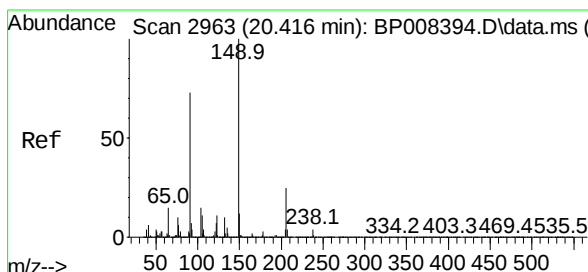
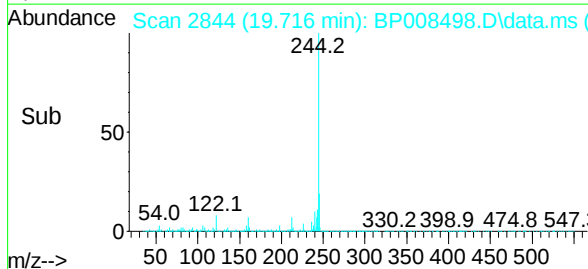
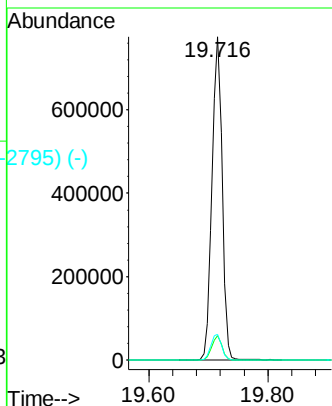
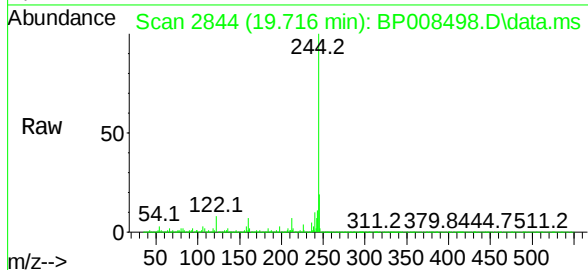
Terphenyl-d14
 Concen: 58.285 ng
 RT: 19.716 min Scan# 2847
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Instrument :
 BNA_P
 ClientSampleId :
 SB-15-GMS

Tgt Ion:	244	Resp:	91742
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.0	9.0
122	8.0	6.6	9.8

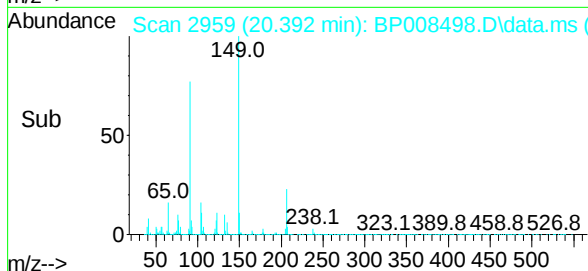
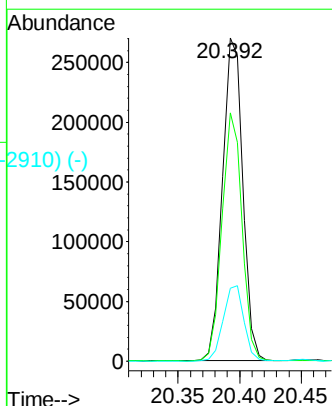
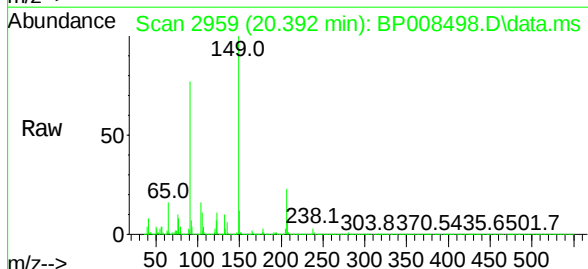
Manual Integrations
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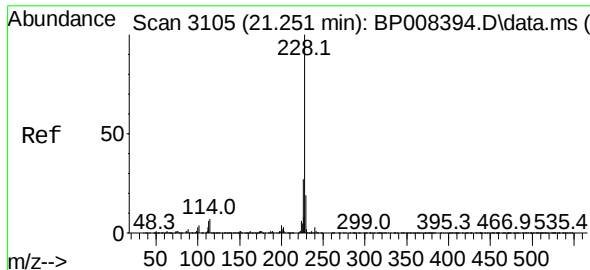
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Butylbenzylphthalate
 Concen: 43.626 ng
 RT: 20.392 min Scan# 2959
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Tgt Ion:	149	Resp:	311305
Ion Ratio	Lower	Upper	
149	100		
91	76.8	59.8	89.8
206	22.6	18.6	27.8





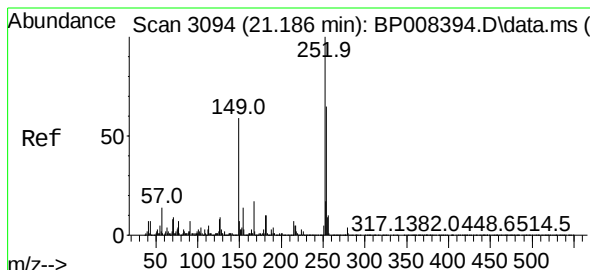
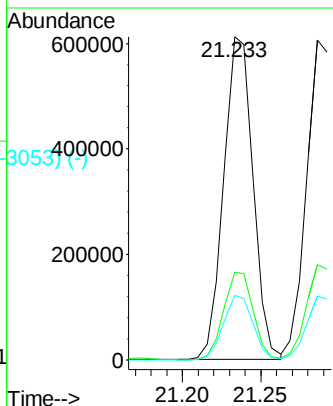
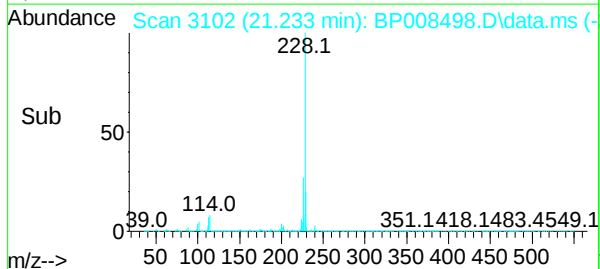
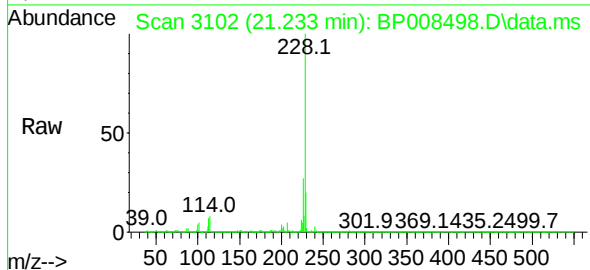
Scan 3105 (21.251 min): BP008394.D\data.ms (-3058) (-)
 Benzo(a)anthracene
 Concen: 43.379 ng
 RT: 21.233 min Scan# 3105
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Instrument :
 BNA_P
 ClientSampleId :
 SB-15-GMS

Tgt Ion:	228	Resp:	79639
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	20.0	15.9	23.9

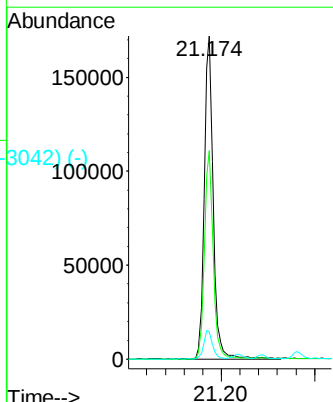
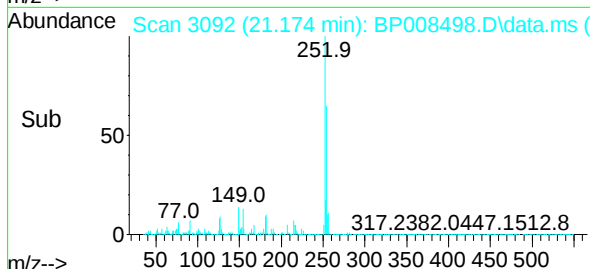
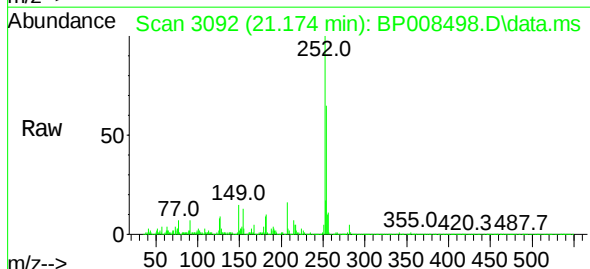
Manual Integrations
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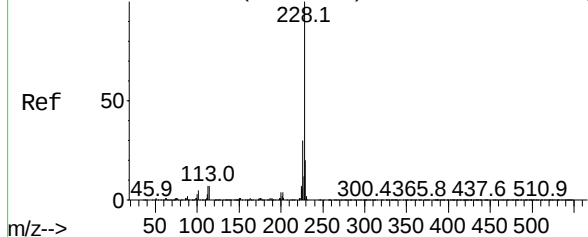


Scan 3094 (21.186 min): BP008394.D\data.ms (-3062) (-)
 3,3'-Dichlorobenzidine
 Concen: 27.008 ng
 RT: 21.174 min Scan# 3092
 Delta R.T. -0.006 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Tgt Ion:	252	Resp:	228137
Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.4	78.6
126	8.5	7.6	11.4



Abundance Scan 3114 (21.304 min): BP008394.D\data.ms (-3114) (-)



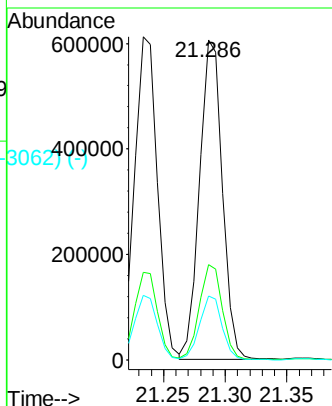
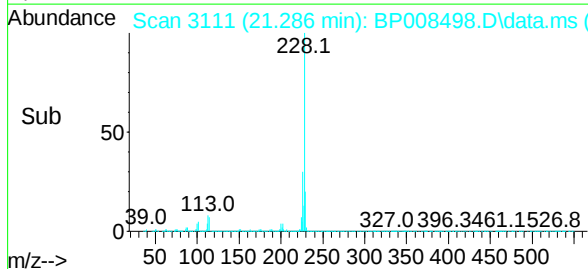
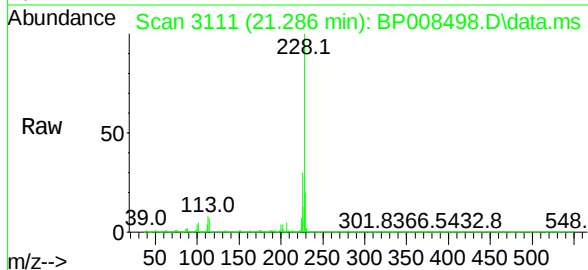
Chrysene
Concen: 44.384 ng
RT: 21.286 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :
BNA_P
ClientSampleId :
SB-15-GMS

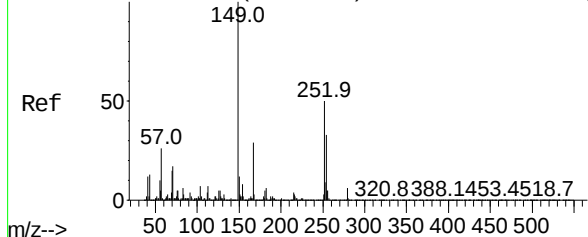
Tgt Ion:	228	Resp:	77833
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.0	36.0
229	20.0	15.8	23.8

Manual Integrations
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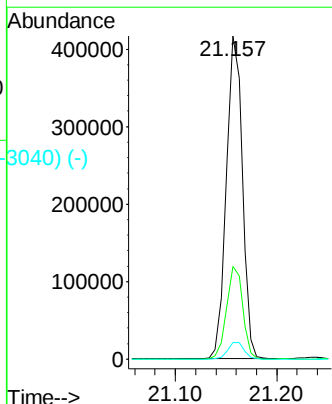
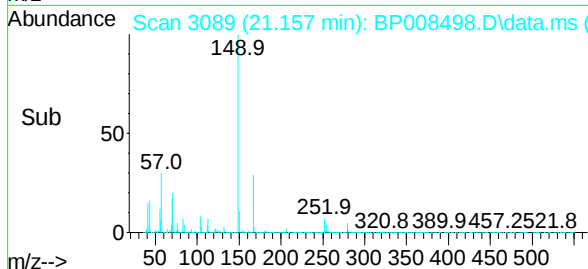
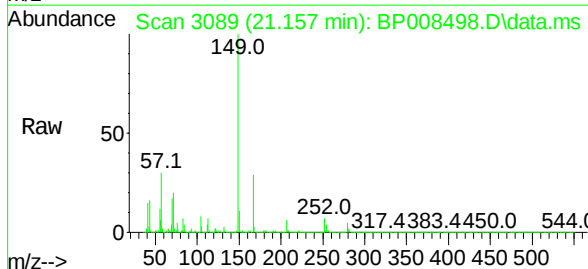


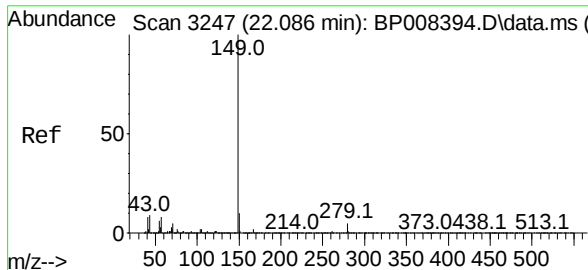
Abundance Scan 3093 (21.180 min): BP008394.D\data.ms (-3093) (-)



Bis(2-ethylhexyl)phthalate
Concen: 45.632 ng
RT: 21.157 min Scan# 3089
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:	149	Resp:	458479
Ion Ratio	Lower	Upper	
149	100		
167	28.8	22.5	33.7
279	5.1	3.5	5.3





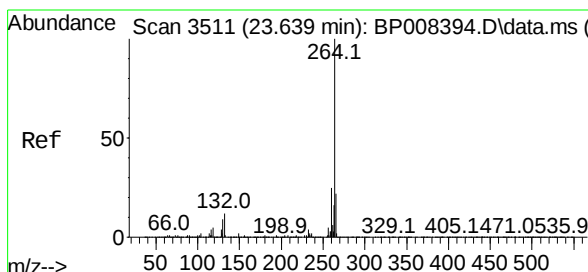
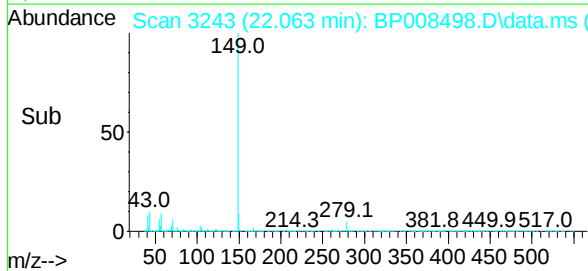
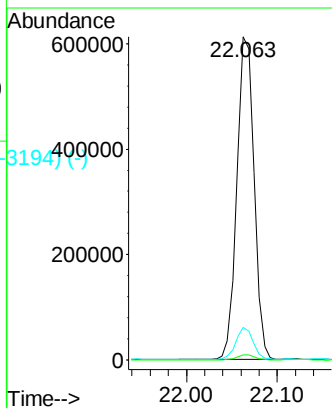
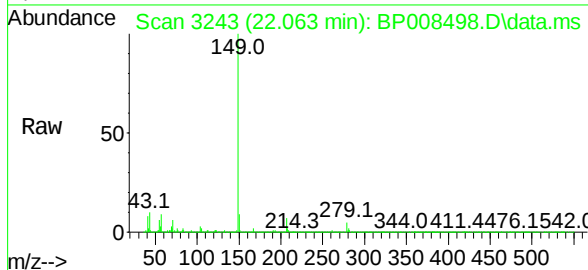
Di-n-octyl phthalate
 Concen: 46.702 ng
 RT: 22.063 min Scan# 3247
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Instrument :
 BNA_P
 ClientSampleId :
 SB-15-GMS

Tgt Ion:	149	Resp:	80927
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.9	7.9	11.9

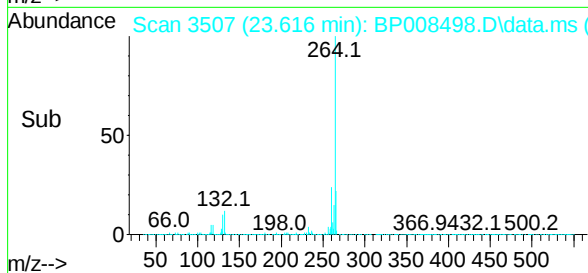
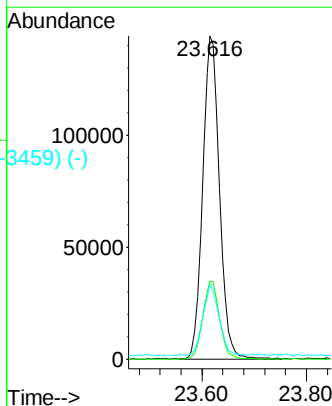
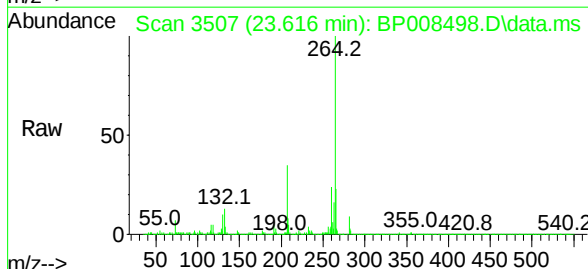
Manual Integrations
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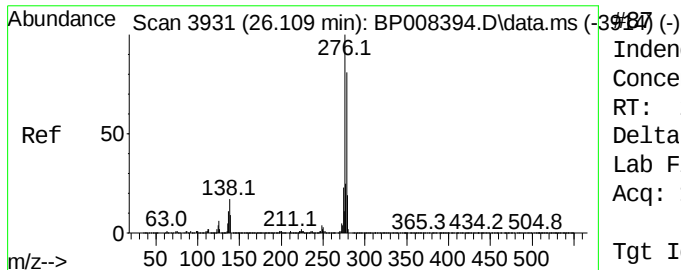
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/27/2021



Perylene-d12
 Concen: 20.000 ng
 RT: 23.616 min Scan# 3507
 Delta R.T. -0.018 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Tgt Ion:	264	Resp:	320017
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.4	29.2
265	23.1	17.6	26.4





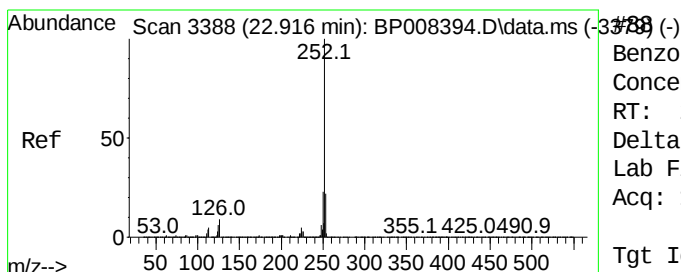
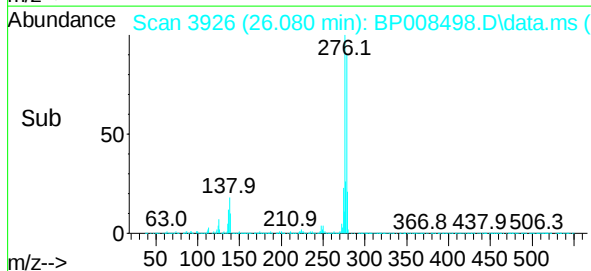
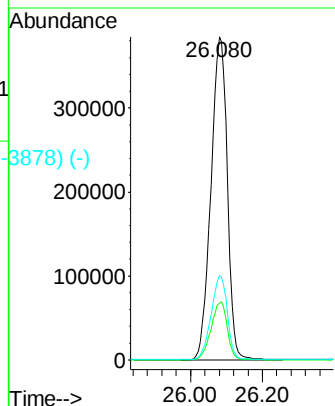
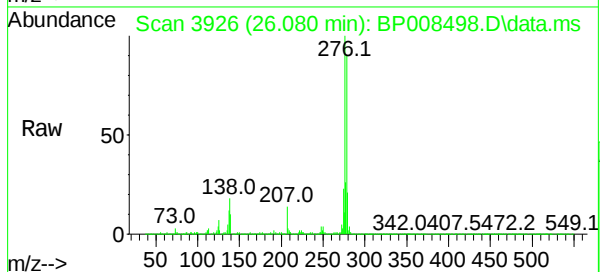
Indeno(1,2,3-cd)pyrene
Concen: 48.169 ng
RT: 26.080 min Scan# 3926
Delta R.T. -0.018 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :
BNA_P
Client Sample Id :
SB-15-GMS

Tgt Ion: 276 Resp: 121340
Ion Ratio Lower Upper
276 100
138 17.8 16.6 25.0
277 25.7 20.2 30.2

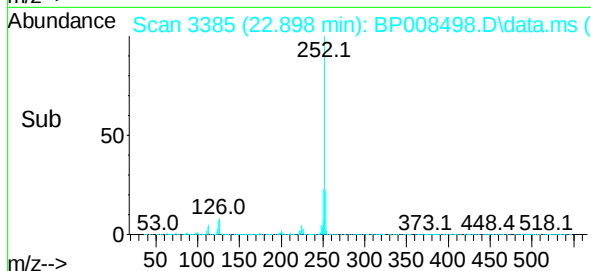
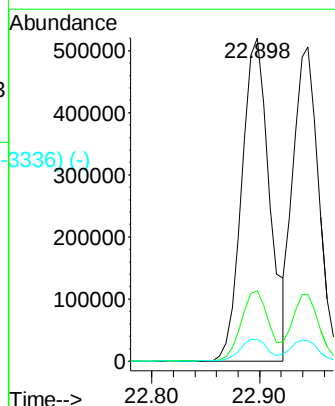
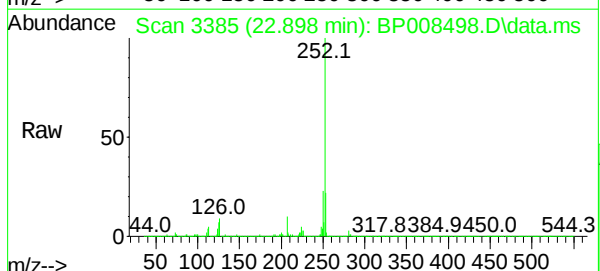
Manual Integrations
APPROVED

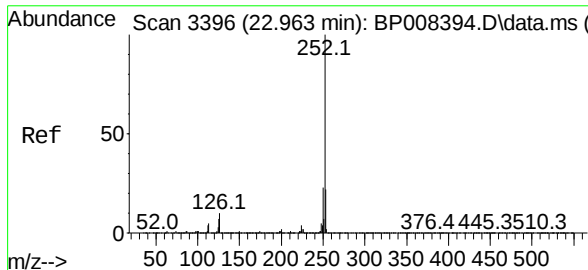
Reviewed By : Christian Giraldo 12/20/2021
Supervised By : mohammad ahmed 12/27/2021



Benzo(b)fluoranthene
Concen: 48.172 ng
RT: 22.898 min Scan# 3385
Delta R.T. -0.012 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion: 252 Resp: 927340
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 6.7 6.2 9.4





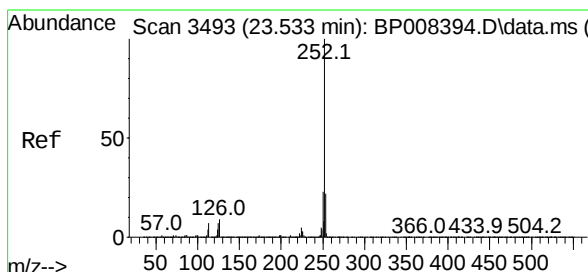
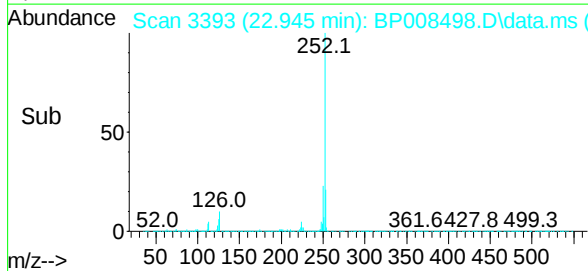
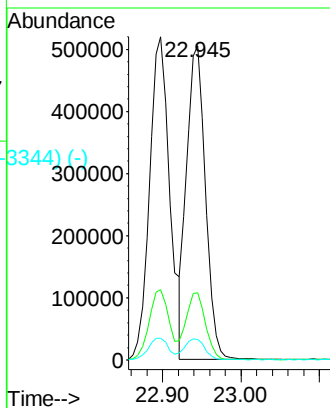
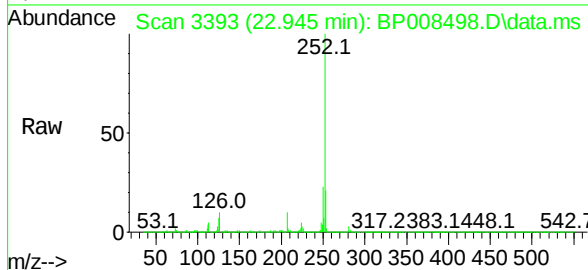
Benzo(k)fluoranthene
 Concen: 43.375 ng
 RT: 22.945 min Scan# 3396
 Delta R.T. -0.012 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Instrument :
 BNA_P
 ClientSampleId :
 SB-15-GMS

Tgt Ion:	252	Resp:	84204
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.3	25.9
125	6.5	6.5	9.7

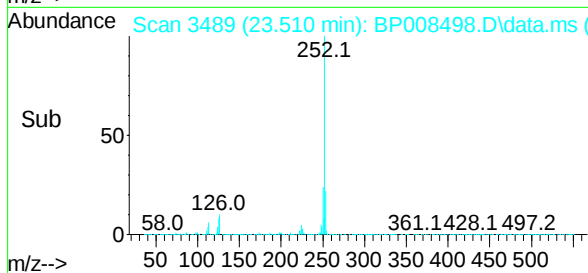
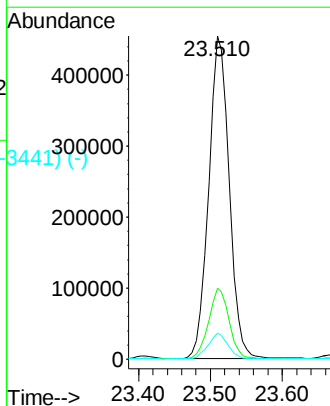
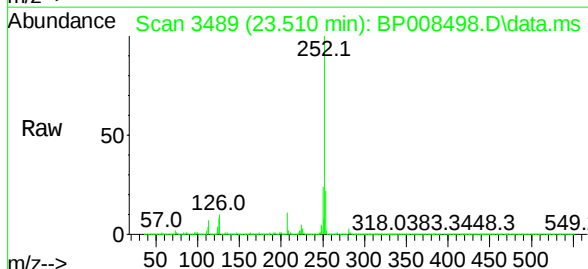
Manual Integrations
 APPROVED

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

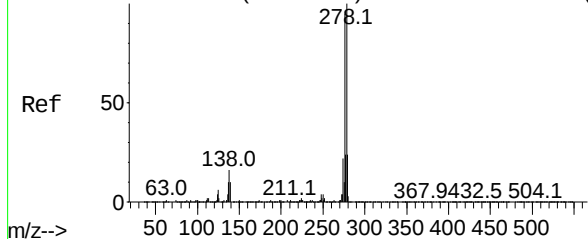


Benzo(a)pyrene
 Concen: 53.951 ng
 RT: 23.510 min Scan# 3489
 Delta R.T. -0.018 min
 Lab File: BP008498.D
 Acq: 18 Dec 2021 20:22

Tgt Ion:	252	Resp:	901435
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	8.0	7.4	11.0



Abundance Scan 3933 (26.121 min): BP008394.D\data.ms (-3933) (-)



Dibenzo(a,h)anthracene
Concen: 48.954 ng
RT: 26.086 min Scan# 4042
Delta R.T. -0.024 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Instrument :

BNP_P

ClientSampleId :

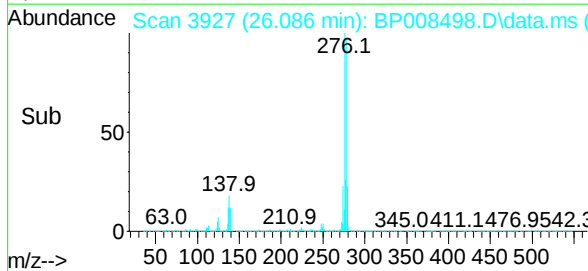
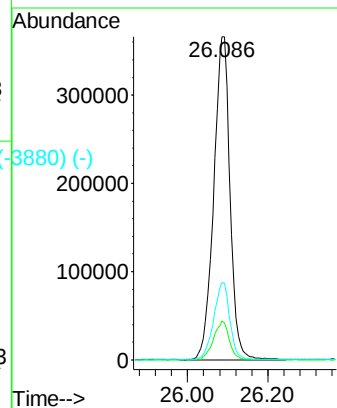
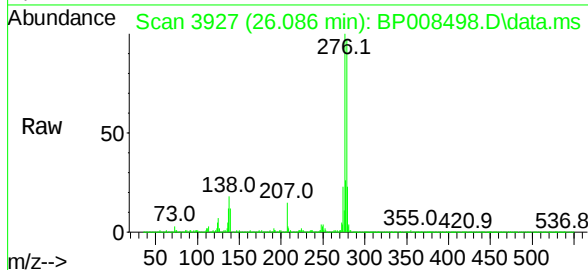
SB-15-GMS

Tgt Ion:278 Resp: 103229
Ion Ratio Lower Upper
278 100
139 12.0 10.8 16.2
279 23.9 19.1 28.7

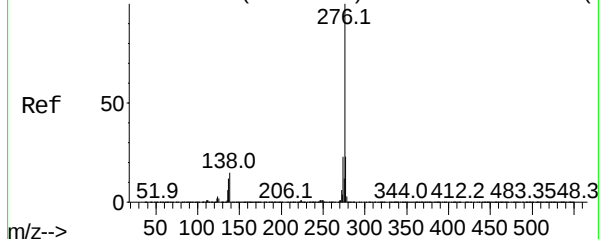
Manual Integrations

APPROVED

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



Abundance Scan 4059 (26.862 min): BP008394.D\data.ms (-4059) (-)



Benzo(g,h,i)perylene
Concen: 49.261 ng
RT: 26.833 min Scan# 4054
Delta R.T. -0.024 min
Lab File: BP008498.D
Acq: 18 Dec 2021 20:22

Tgt Ion:276 Resp: 1028662
Ion Ratio Lower Upper
276 100
277 24.5 20.0 30.0
138 15.8 14.1 21.1

