

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062222\
 Data File : BM035602.D
 Acq On : 22 Jun 2022 16:15
 Operator : CG/JU
 Sample : PB145755BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145755BS

Quant Time: Jun 23 07:35:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 23 07:33:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/23/2022
 Supervised By : Jagrut Upadhyay 06/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	220170	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	904049	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	485956	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	811048	20.000	ng	0.00
76) Chrysene-d12	21.380	240	683832	20.000	ng	0.00
86) Perylene-d12	23.715	264	816505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1890880	145.638	ng	0.00
7) Phenol-d6	7.004	99	2351240	130.683	ng	0.00
23) Nitrobenzene-d5	8.969	82	1385960	83.311	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	660254	127.615	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	3139480	92.295	ng	0.00
79) Terphenyl-d14	19.815	244	3209816	89.622	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	202365	40.865	ng	# 95
3) Pyridine	3.699	79	531986	38.411	ng	93
4) n-Nitrosodimethylamine	3.610	42	265270	41.496	ng	# 65
6) Aniline	7.134	93	942303	48.454	ng	97
8) 2-Chlorophenol	7.381	128	769909	51.658	ng	93
9) Benzaldehyde	6.951	77	439897	48.703	ng	89
10) Phenol	7.034	94	877366	50.198	ng	90
11) bis(2-Chloroethyl)ether	7.234	93	666519	47.576	ng	96
12) 1,3-Dichlorobenzene	7.687	146	793620	49.916	ng	96
13) 1,4-Dichlorobenzene	7.834	146	806844	49.571	ng	98
14) 1,2-Dichlorobenzene	8.151	146	782936	49.284	ng	99
15) Benzyl Alcohol	8.057	79	537319m	44.579	ng	
16) 2,2'-oxybis(1-Chloropr...	8.334	45	980888	40.314	ng	99
17) 2-Methylphenol	8.275	107	589858	49.179	ng	94
18) Hexachloroethane	8.869	117	284739	48.778	ng	96
19) n-Nitroso-di-n-propyla...	8.616	70	486577	43.025	ng	90
20) 3+4-Methylphenols	8.610	107	785094	46.695	ng	95
22) Acetophenone	8.634	105	1046405	47.789	ng	# 94
24) Nitrobenzene	9.010	77	722322	47.421	ng	92
25) Isophorone	9.533	82	1321442	48.843	ng	97
26) 2-Nitrophenol	9.722	139	400859	51.422	ng	89
27) 2,4-Dimethylphenol	9.798	122	631140	55.250	ng	97
28) bis(2-Chloroethoxy)met...	10.016	93	874581	46.460	ng	99
29) 2,4-Dichlorophenol	10.280	162	638937	50.192	ng	99
30) 1,2,4-Trichlorobenzene	10.463	180	681659	48.168	ng	98
31) Naphthalene	10.645	128	2197308	48.525	ng	100
32) Benzoic acid	10.004	122	383883	37.159	ng	93
33) 4-Chloroaniline	10.775	127	609897	33.103	ng	95
34) Hexachlorobutadiene	10.927	225	393542	49.414	ng	98
35) Caprolactam	11.580	113	181299	42.018	ng	91
36) 4-Chloro-3-methylphenol	11.927	107	630396	43.681	ng	100
37) 2-Methylnaphthalene	12.263	142	1485192	47.627	ng	97
38) 1-Methylnaphthalene	12.480	142	1410840	46.289	ng	99
40) 1,2,4,5-Tetrachloroben...	12.639	216	705700	51.526	ng	98
41) Hexachlorocyclopentadiene	12.610	237	678502	121.792	ng	99
43) 2,4,6-Trichlorophenol	12.892	196	458234	48.776	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	478619	47.225	ng	96
46) 1,1'-Biphenyl	13.280	154	1861749	49.191	ng	99
47) 2-Chloronaphthalene	13.321	162	1408702	49.491	ng	99
48) 2-Nitroaniline	13.539	65	362818	42.108	ng	88
49) Acenaphthylene	14.163	152	2167193	48.608	ng	99
50) Dimethylphthalate	13.910	163	1637860	45.801	ng	99
51) 2,6-Dinitrotoluene	14.033	165	362229	48.388	ng	# 82
52) Acenaphthene	14.510	154	1294010	49.825	ng	99
53) 3-Nitroaniline	14.374	138	288045	35.854	ng	91
54) 2,4-Dinitrophenol	14.586	184	359732	76.621	ng	# 82
55) Dibenzofuran	14.845	168	1969962	47.344	ng	96
56) 4-Nitrophenol	14.733	139	405099	65.024	ng	# 80
57) 2,4-Dinitrotoluene	14.827	165	468579	49.292	ng	96
58) Fluorene	15.492	166	1556095	47.872	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	371820	46.132	ng	# 92
60) Diethylphthalate	15.274	149	1577239	45.068	ng	98
61) 4-Chlorophenyl-phenyle...	15.486	204	746816	47.480	ng	98
62) 4-Nitroaniline	15.539	138	322965m	41.538	ng	
63) Azobenzene	15.780	77	1386936	41.841	ng	93
65) 4,6-Dinitro-2-methylph...	15.598	198	230282	45.096	ng	95
66) n-Nitrosodiphenylamine	15.704	169	1317399	54.546	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	448969	53.650	ng	95
68) Hexachlorobenzene	16.504	284	498929	54.533	ng	# 90
69) Atrazine	16.662	200	410759	56.024	ng	97
70) Pentachlorophenol	16.857	266	471157	97.800	ng	99
71) Phenanthrene	17.233	178	2152590	50.008	ng	99
72) Anthracene	17.327	178	2181783	51.948	ng	99
73) Carbazole	17.604	167	1879720	46.158	ng	98
74) Di-n-butylphthalate	18.162	149	2355863	48.368	ng	99
75) Fluoranthene	19.250	202	2170438	48.557	ng	97
77) Benzidine	19.445	184	1222803	97.274	ng	99
78) Pyrene	19.615	202	2211778	46.081	ng	99
80) Butylbenzylphthalate	20.515	149	911725	42.881	ng	94
81) Benzo(a)anthracene	21.362	228	2117470	49.704	ng	98
82) 3,3'-Dichlorobenzidine	21.303	252	704861	71.869	ng	99
83) Chrysene	21.415	228	2023290	49.169	ng	99
84) Bis(2-ethylhexyl)phtha...	21.292	149	1328940	43.581	ng	98
85) Di-n-octyl phthalate	22.197	149	2253987	45.496	ng	95
87) Indeno(1,2,3-cd)pyrene	26.126	276	3010642	53.374	ng	# 94
88) Benzo(b)fluoranthene	23.003	252	2363085	49.134	ng	# 97
89) Benzo(k)fluoranthene	23.050	252	2431145	49.931	ng	# 97
90) Benzo(a)pyrene	23.609	252	2222062	54.762	ng	# 96
91) Dibenzo(a,h)anthracene	26.138	278	2632367	56.412	ng	# 96
92) Benzo(g,h,i)perylene	26.868	276	2676760	57.669	ng	96

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

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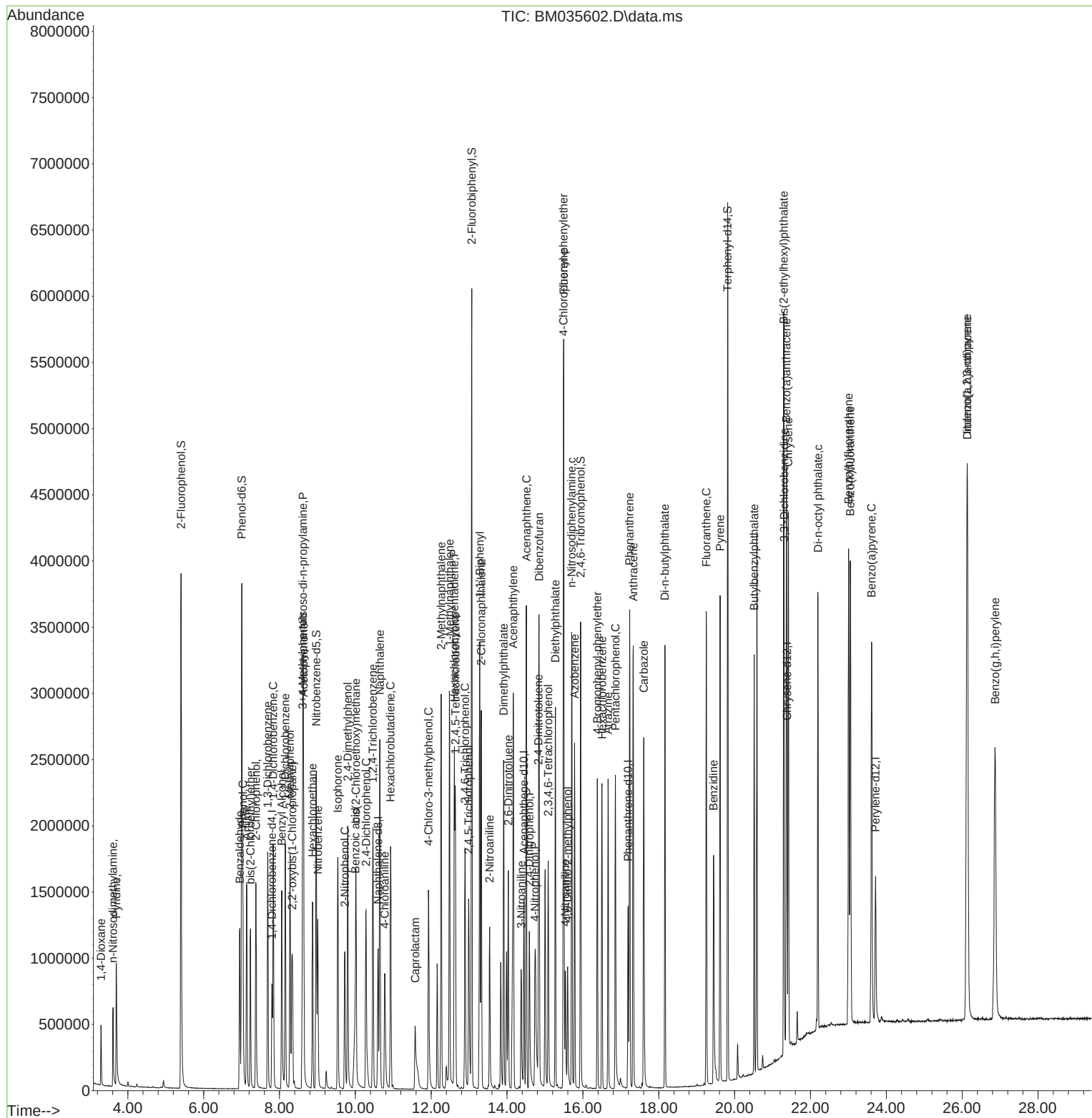
Quant Time: Jun 23 07:35:47 2022

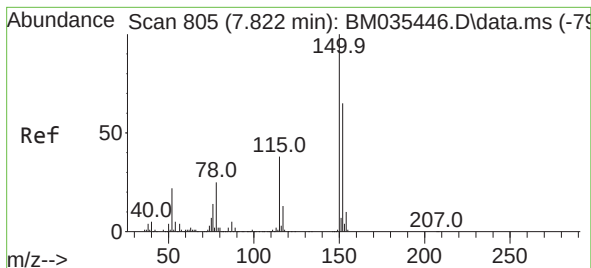
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QLast Update : Thu Jun 23 07:33:33 2022

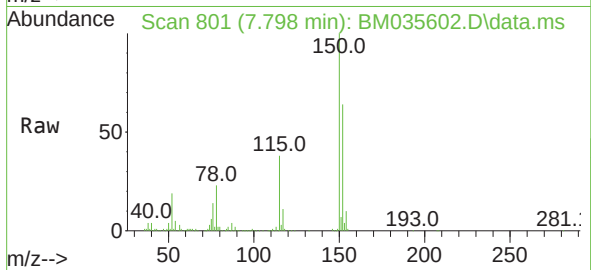
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

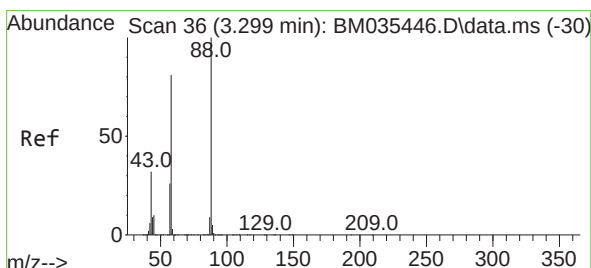
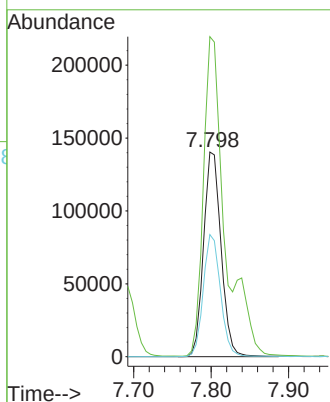
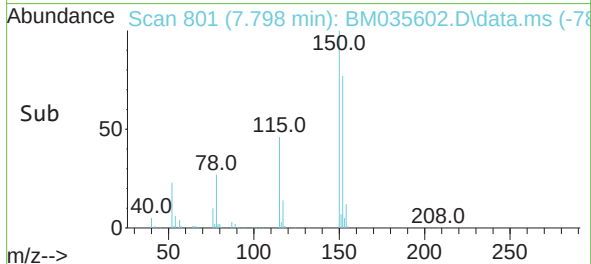
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Tgt Ion:152 Resp: 220170
Ion Ratio Lower Upper
152 100
150 156.3 124.9 187.3
115 59.6 47.9 71.9

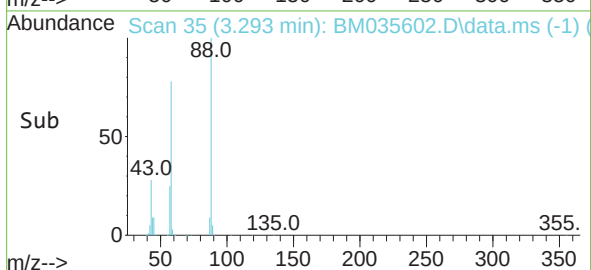
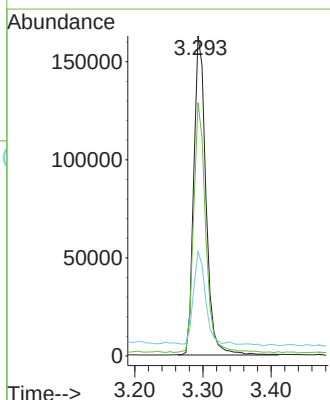
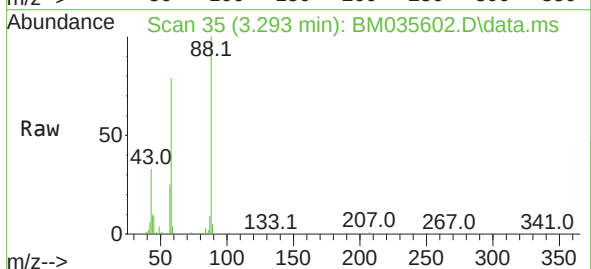
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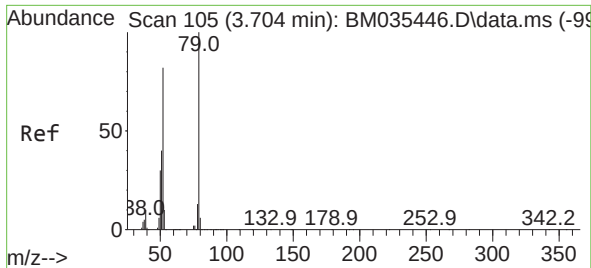
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#2
1,4-Dioxane
Concen: 40.865 ng
RT: 3.293 min Scan# 35
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

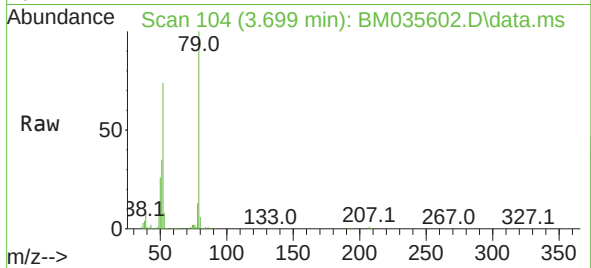
Tgt Ion: 88 Resp: 202365
Ion Ratio Lower Upper
88 100
58 77.2 62.3 93.5
43 27.9 28.7 43.1#





#3
Pyridine
Concen: 38.411 ng
RT: 3.699 min Scan# 104
Delta R.T. 0.006 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

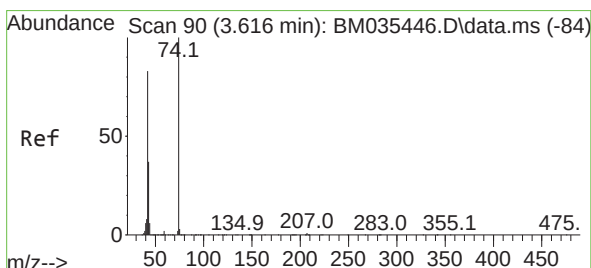
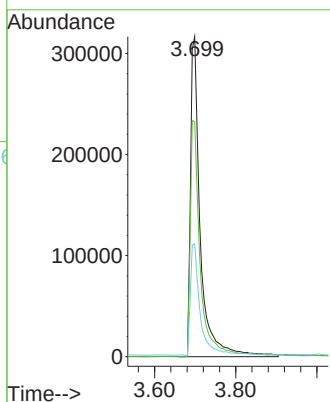
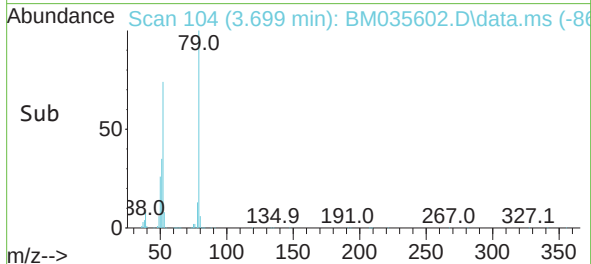
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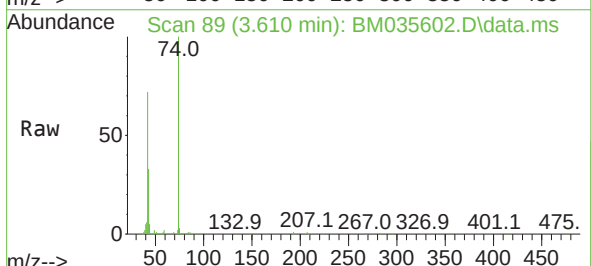
Tgt Ion: 79 Resp: 53198
Ion Ratio Lower Upper
79 100
52 73.5 61.9 92.9
51 35.3 33.5 50.3

Manual Integrations
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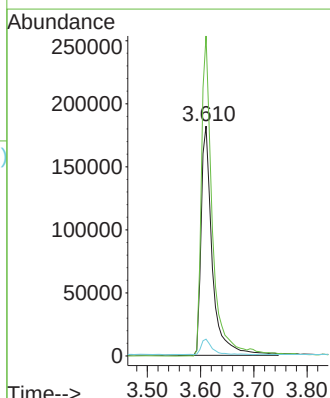
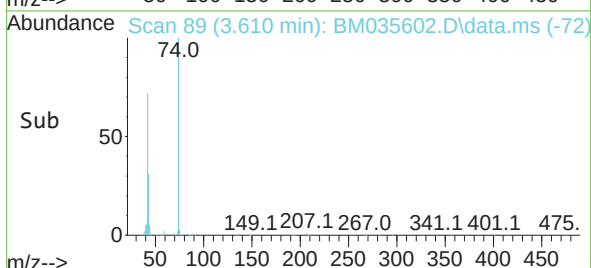
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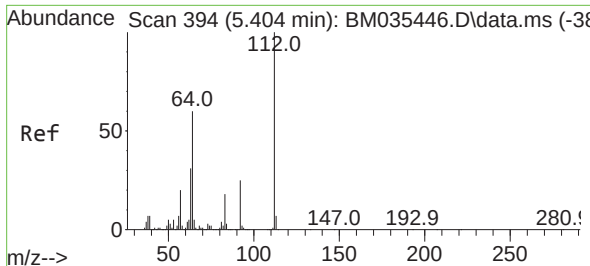


#4
n-Nitrosodimethylamine
Concen: 41.496 ng
RT: 3.610 min Scan# 89
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



Tgt Ion: 42 Resp: 265270
Ion Ratio Lower Upper
42 100
74 139.2 81.6 122.4
44 7.3 5.2 7.8





#5
2-Fluorophenol
Concen: 145.638 ng
RT: 5.404 min Scan# 394
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Instrument :

BNA_M

ClientSampleId :

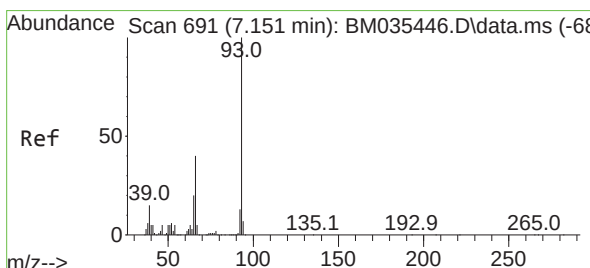
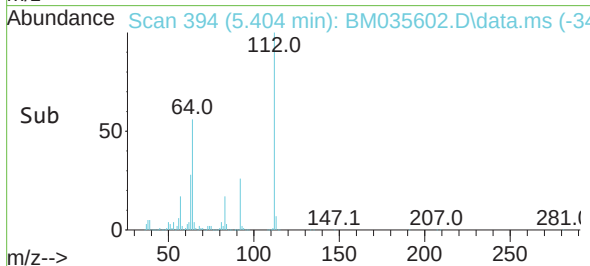
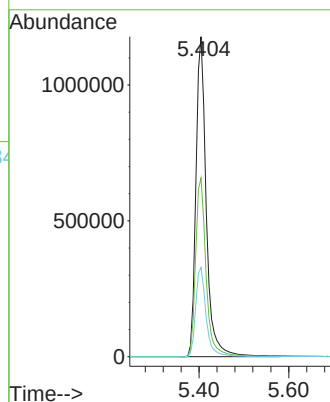
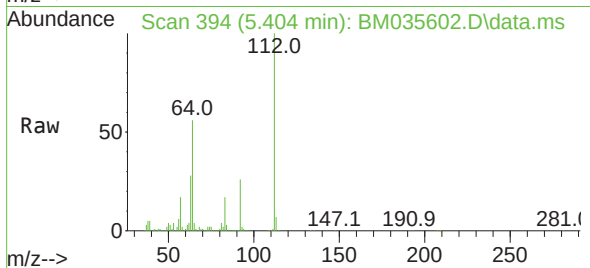
PB145755BS

Tgt Ion:112 Resp: 1890880
Ion Ratio Lower Upper
112 100
64 55.9 47.8 71.6
63 27.9 26.6 40.0

Manual Integrations

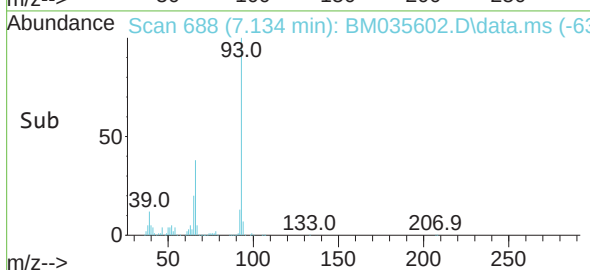
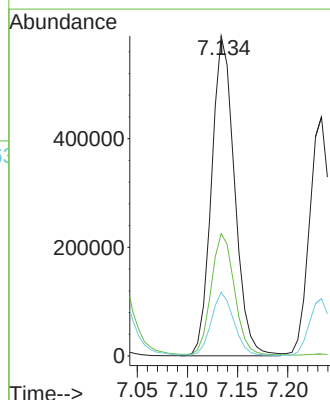
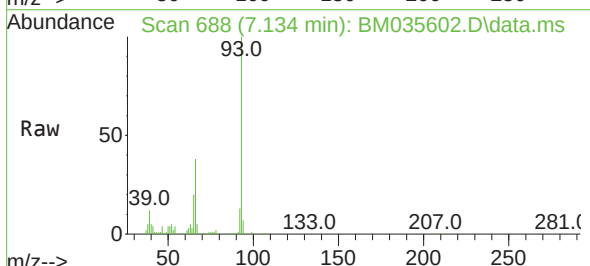
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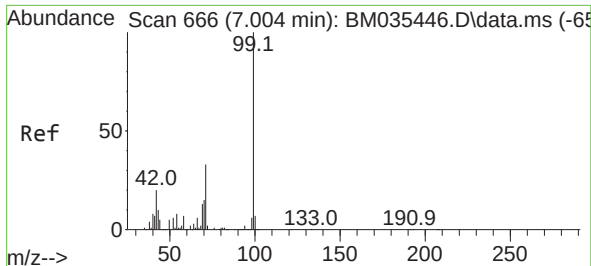
Reviewed By :Christian Giraldo 06/23/2022
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#6
Aniline
Concen: 48.454 ng
RT: 7.134 min Scan# 688
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

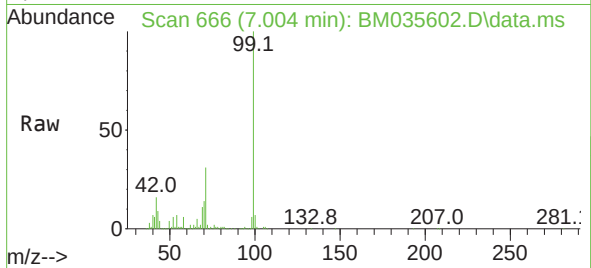
Tgt Ion: 93 Resp: 942303
Ion Ratio Lower Upper
93 100
66 38.3 32.6 49.0
65 19.9 16.8 25.2





#7
Phenol-d6
Concen: 130.683 ng
RT: 7.004 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

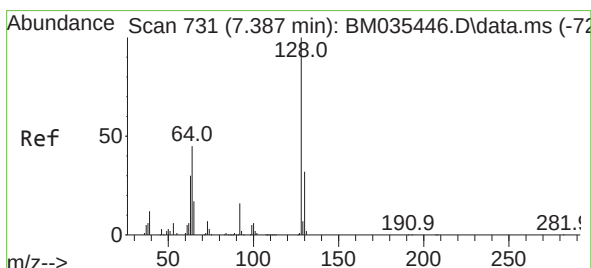
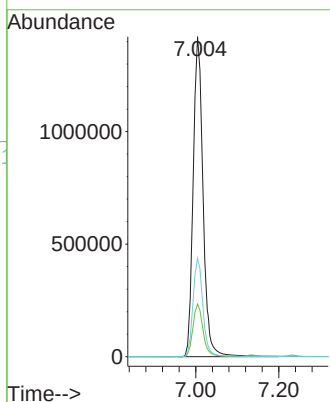
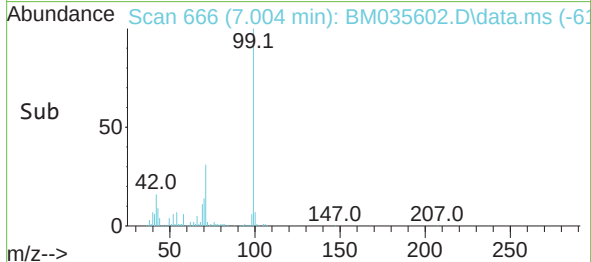
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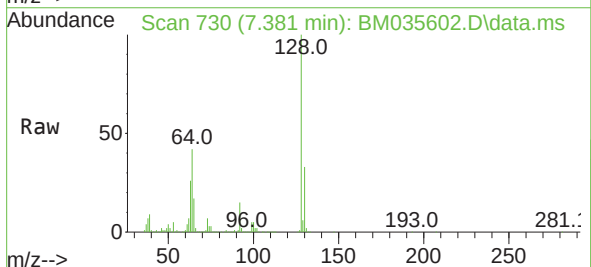
Tgt Ion: 99 Resp: 2351240
Ion Ratio Lower Upper
99 100
42 16.5 18.8 28.2
71 30.7 30.2 45.2

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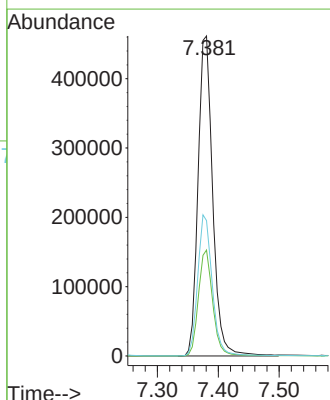
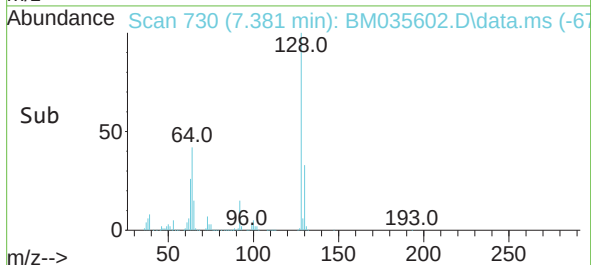
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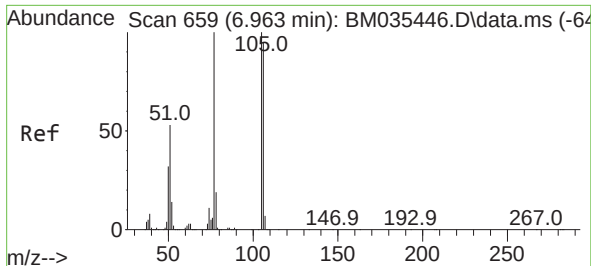


#8
2-Chlorophenol
Concen: 51.658 ng
RT: 7.381 min Scan# 730
Delta R.T. 0.006 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



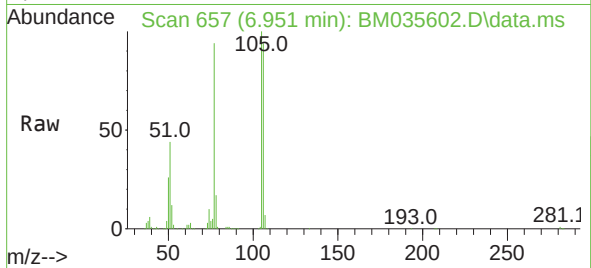
Tgt Ion:128 Resp: 769909
Ion Ratio Lower Upper
128 100
130 33.1 10.9 50.9
64 42.3 28.2 68.2





#9
Benzaldehyde
Concen: 48.703 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

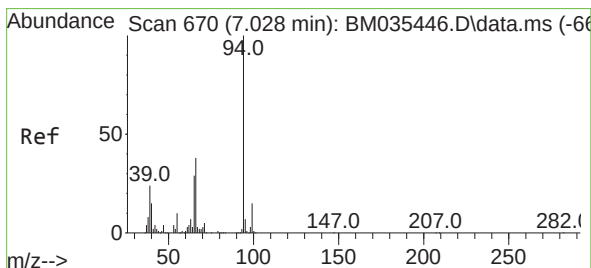
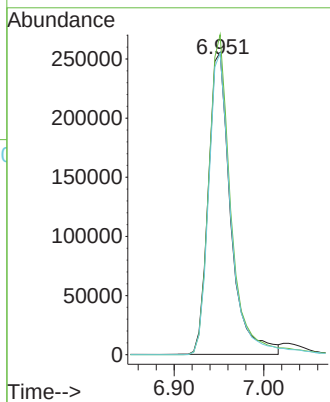
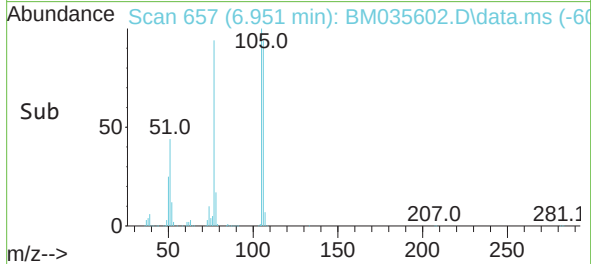
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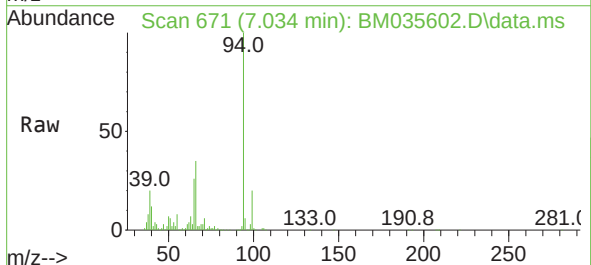
Tgt Ion: 77 Resp: 43989
Ion Ratio Lower Upper
77 100
105 105.9 76.3 116.3
106 99.8 69.0 109.0

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APPROVED

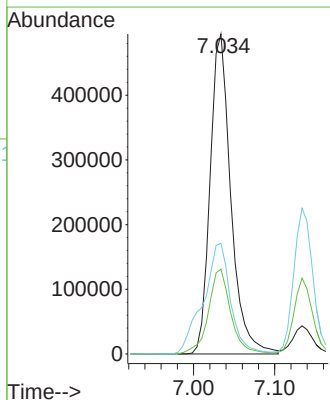
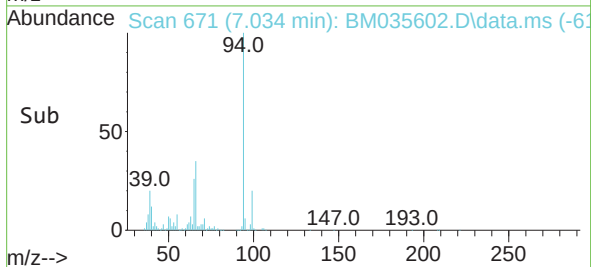
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

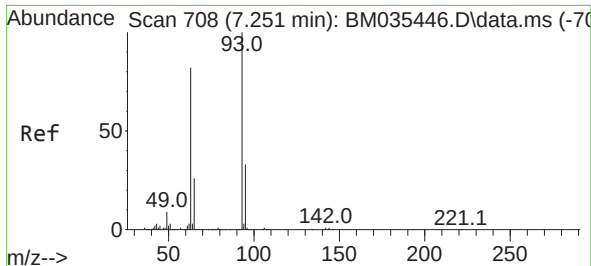


#10
Phenol
Concen: 50.198 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.006 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



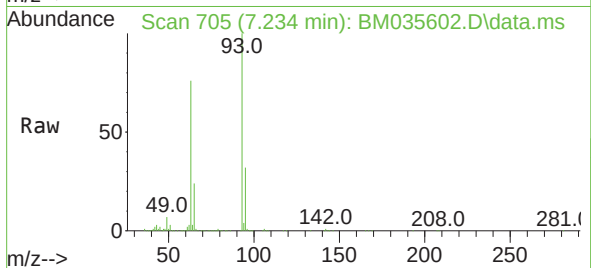
Tgt Ion: 94 Resp: 877366
Ion Ratio Lower Upper
94 100
65 26.5 11.4 51.4
66 34.6 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 47.576 ng
RT: 7.234 min Scan# 708
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

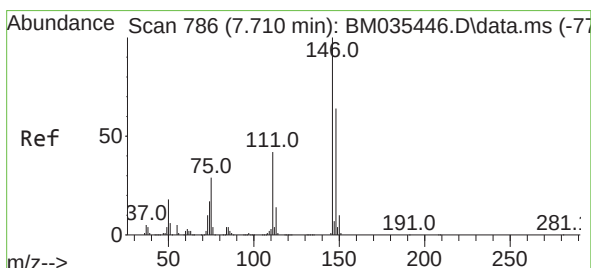
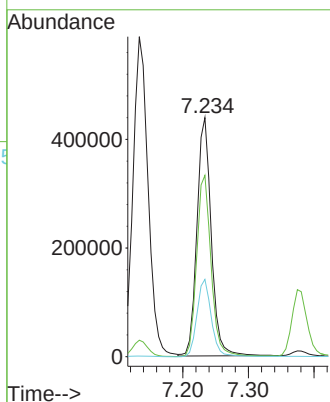
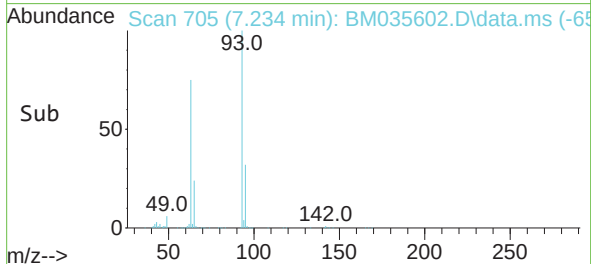
Instrument :
BNA_M
ClientSampleId :
PB145755BS



Tgt Ion: 93 Resp: 666519
Ion Ratio Lower Upper
93 100
63 75.9 60.6 100.6
95 32.3 13.2 53.2

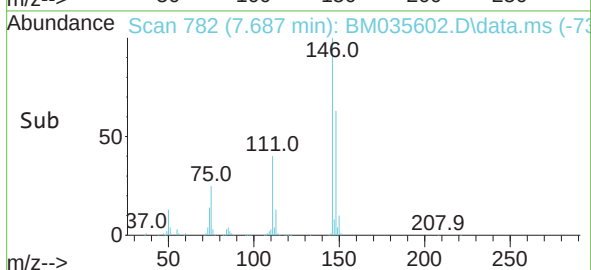
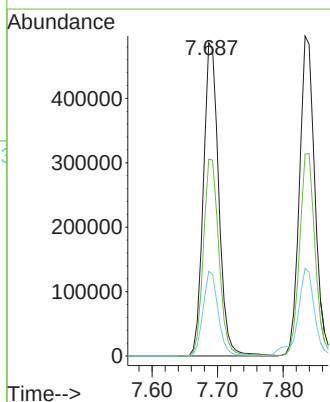
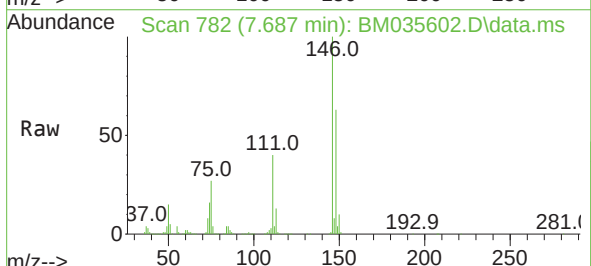
Manual Integrations
APPROVED

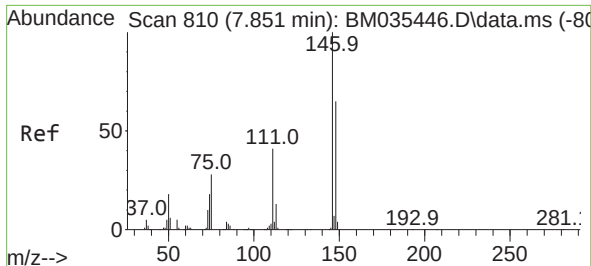
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#12
1,3-Dichlorobenzene
Concen: 49.916 ng
RT: 7.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Tgt Ion:146 Resp: 793620
Ion Ratio Lower Upper
146 100
148 62.9 50.7 76.1
75 27.1 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 49.571 ng

RT: 7.834 min Scan# 80

Delta R.T. 0.000 min

Lab File: BM035602.D

Acq: 22 Jun 2022 16:15

Instrument :

BNA_M

ClientSampleId :

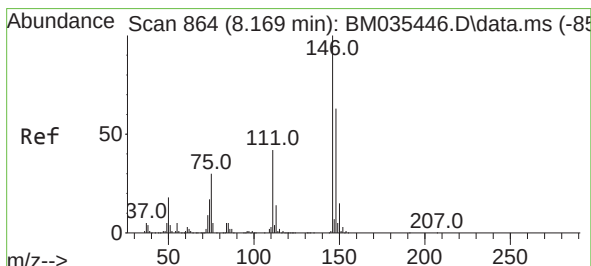
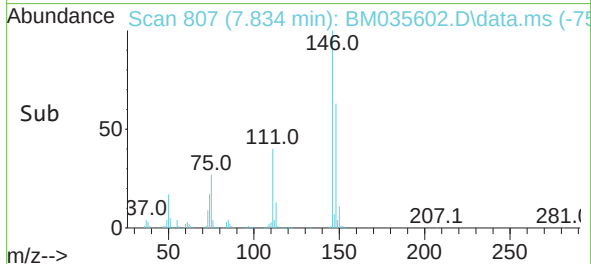
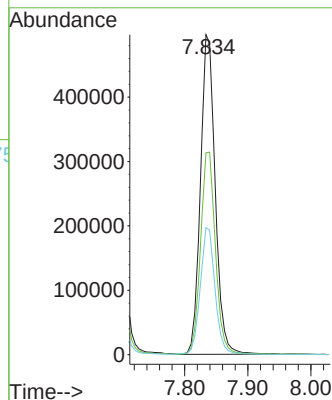
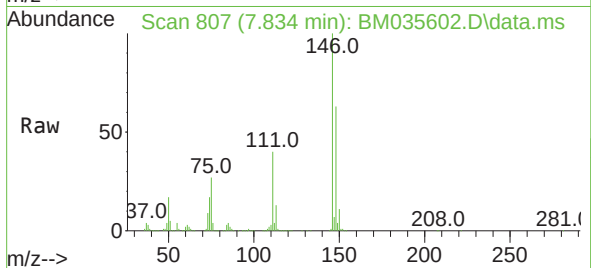
PB145755BS

Tgt Ion:	146	Resp:	80684
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.5	77.3
111	39.7	32.5	48.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#14

1,2-Dichlorobenzene

Concen: 49.284 ng

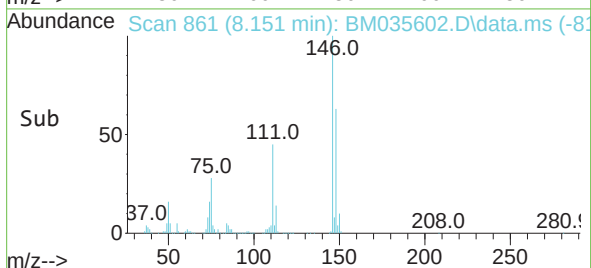
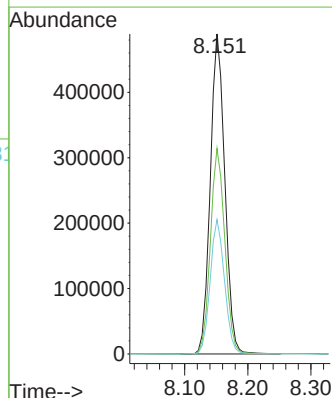
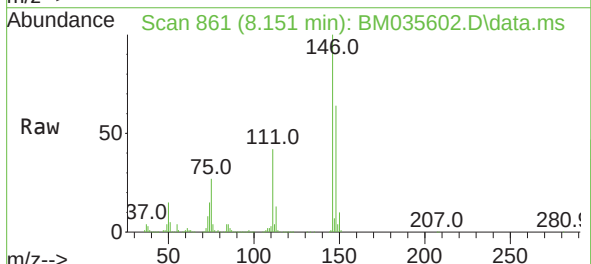
RT: 8.151 min Scan# 861

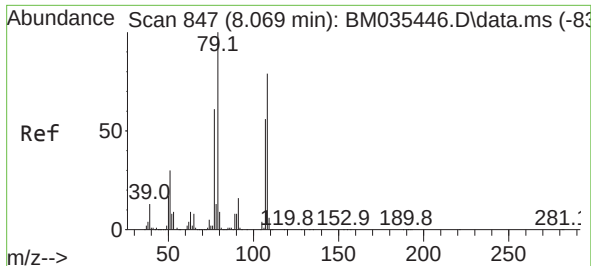
Delta R.T. 0.000 min

Lab File: BM035602.D

Acq: 22 Jun 2022 16:15

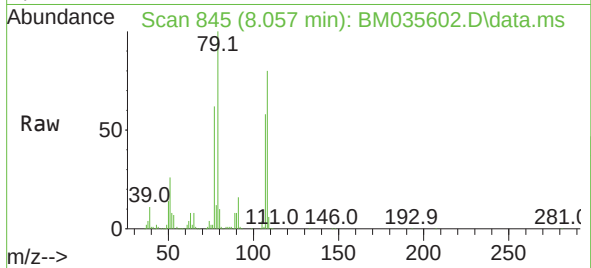
Tgt Ion:	146	Resp:	782936
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.7	76.1
111	42.0	33.9	50.9





#15
Benzyl Alcohol
Concen: 44.579 ng m
RT: 8.057 min Scan# 847
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

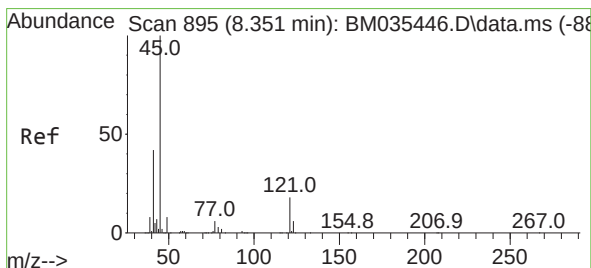
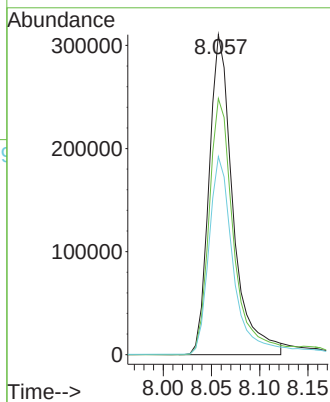
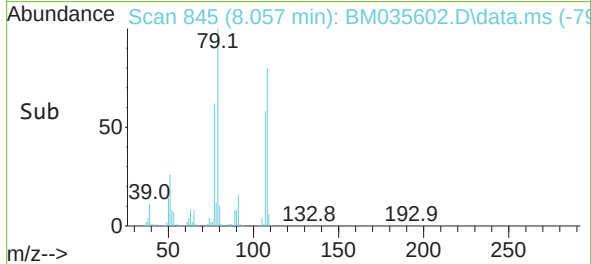
Instrument :
BNA_M
ClientSampleId :
PB145755BS



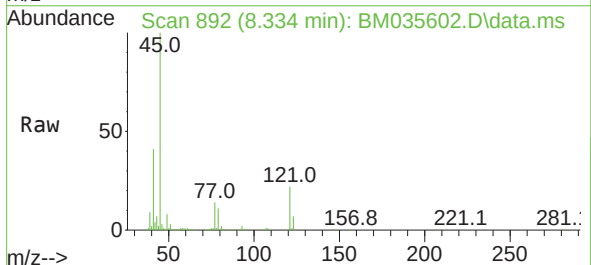
Tgt Ion: 79 Resp: 537319
Ion Ratio Lower Upper
79 100
108 80.1 59.0 88.4
77 61.9 52.2 78.4

Manual Integrations
APPROVED

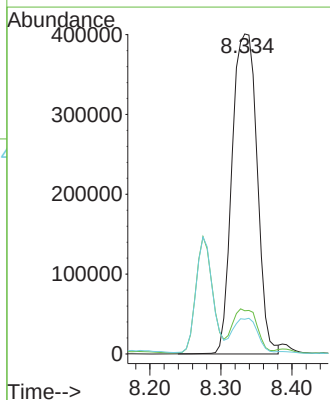
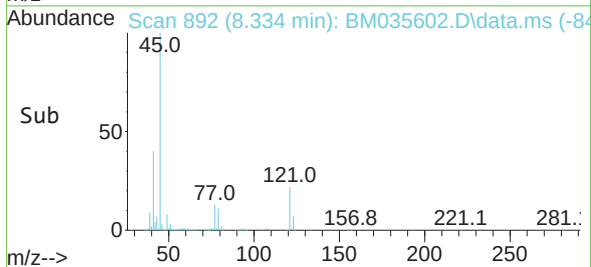
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

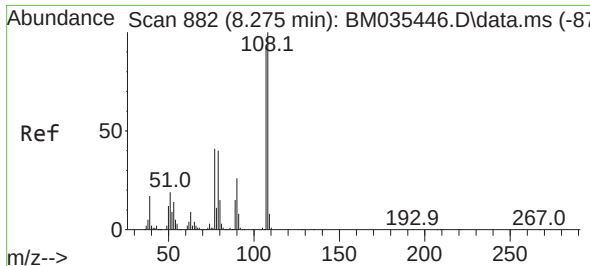


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.314 ng
RT: 8.334 min Scan# 892
Delta R.T. 0.006 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



Tgt Ion: 45 Resp: 980888
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.1
79 10.9 0.0 30.5





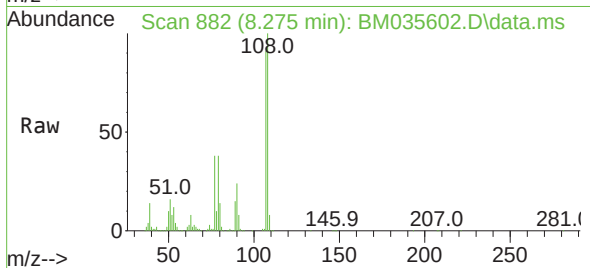
#17
2-Methylphenol
Concen: 49.179 ng
RT: 8.275 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Instrument :

BNA_M

ClientSampleId :

PB145755BS

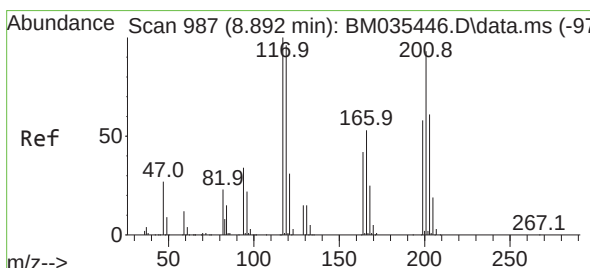
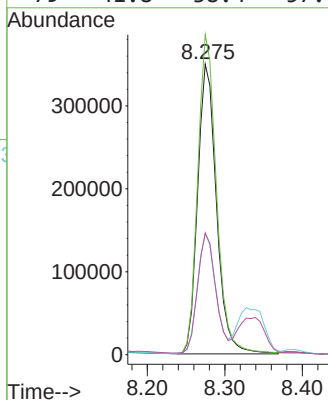
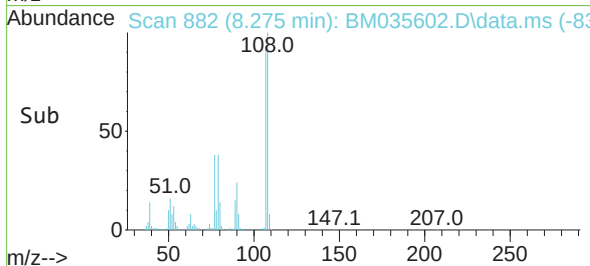


Tgt Ion:107 Resp: 58985
Ion Ratio Lower Upper
107 100
108 110.2 88.7 133.1
77 42.0 40.6 60.8
79 41.8 38.4 57.6

Manual Integrations

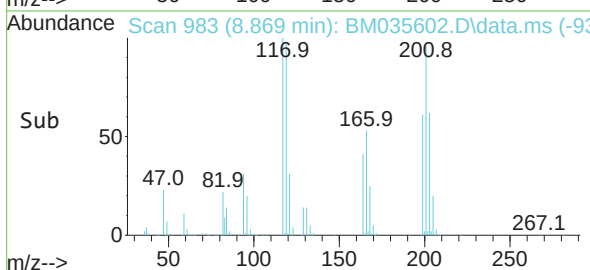
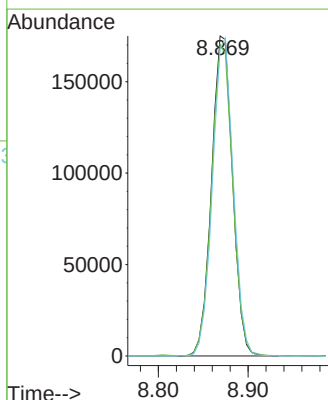
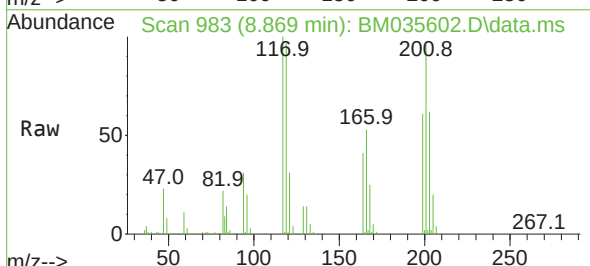
APPROVED

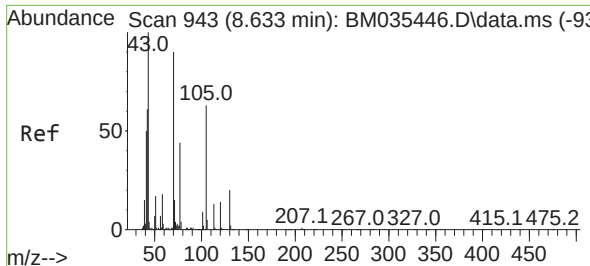
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#18
Hexachloroethane
Concen: 48.778 ng
RT: 8.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Tgt Ion:117 Resp: 284739
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.6
201 95.9 81.0 121.4





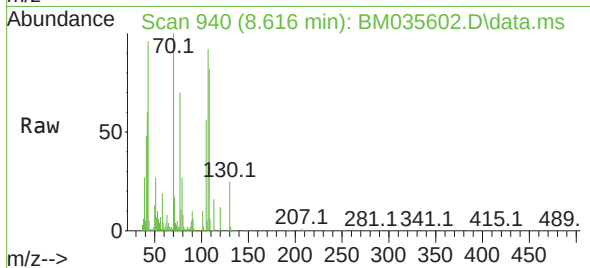
#19
n-Nitroso-di-n-propylamine
Concen: 43.025 ng
RT: 8.616 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Instrument :

BNA_M

ClientSampleId :

PB145755BS

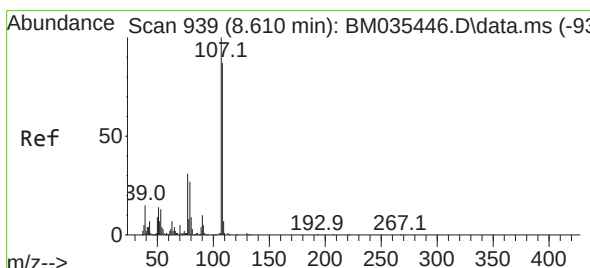
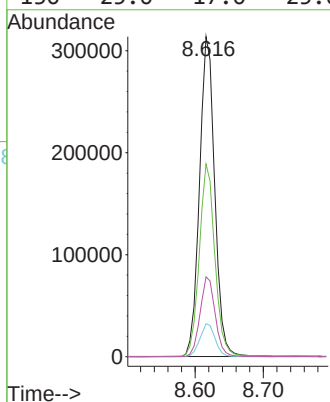
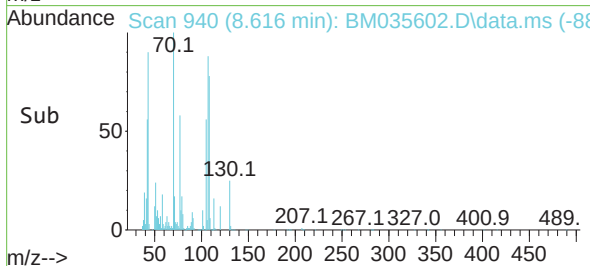


Tgt Ion: 70 Resp: 48657
Ion Ratio Lower Upper
70 100
42 60.2 55.4 83.2
101 10.3 7.8 11.6
130 25.0 17.0 25.6

Manual Integrations

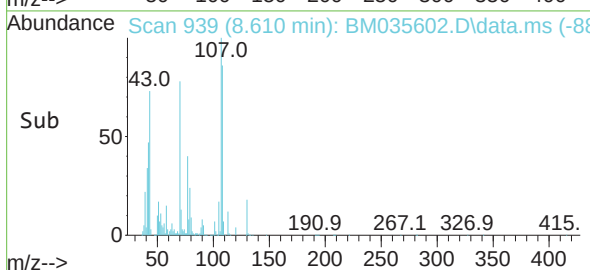
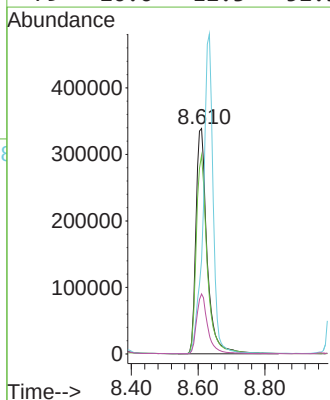
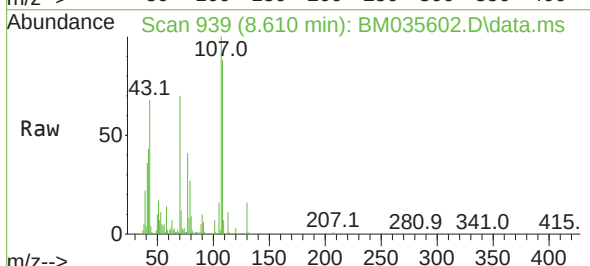
APPROVED

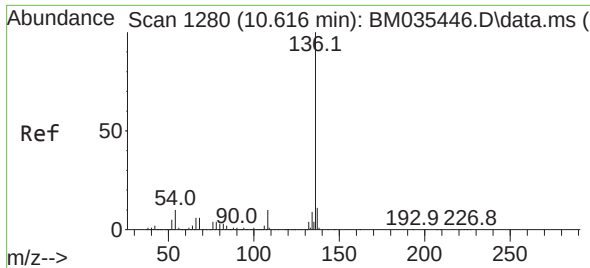
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#20
3+4-Methylphenols
Concen: 46.695 ng
RT: 8.610 min Scan# 939
Delta R.T. 0.006 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Tgt Ion:107 Resp: 785094
Ion Ratio Lower Upper
107 100
108 88.0 69.3 109.3
77 41.5 15.8 55.8
79 26.6 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 10
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Instrument :

BNA_M

ClientSampleId :

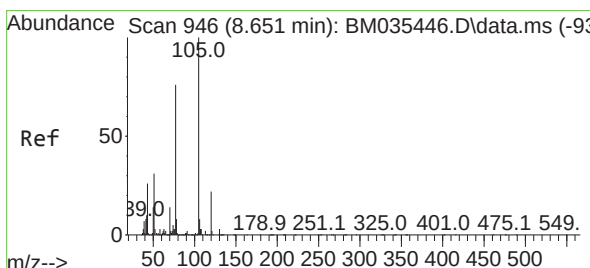
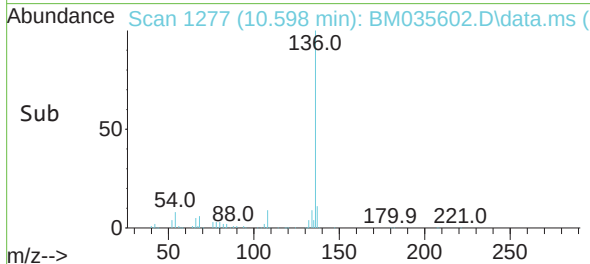
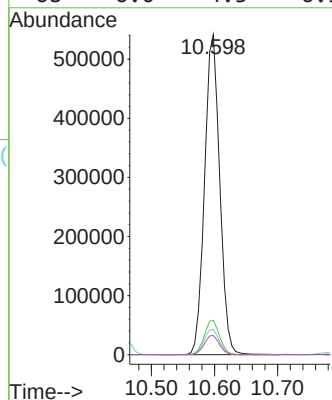
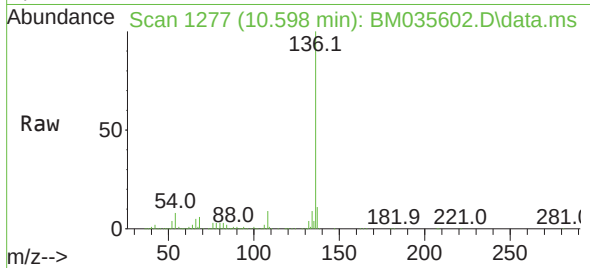
PB145755BS

Tgt Ion:136 Resp: 904049
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.9 7.0 10.4
68 6.0 4.3 6.5

Manual Integrations

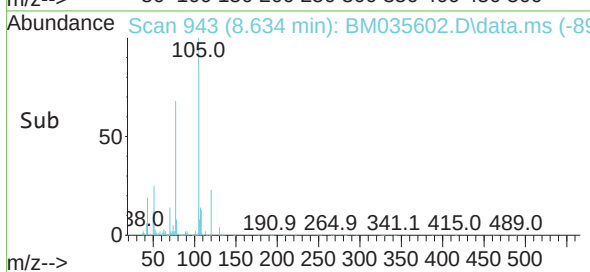
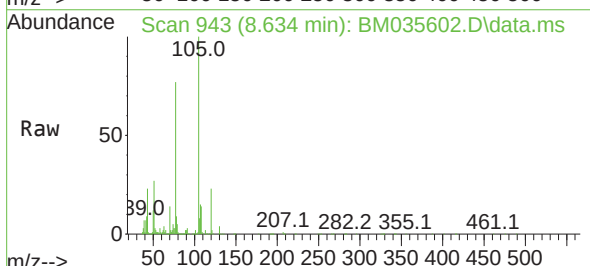
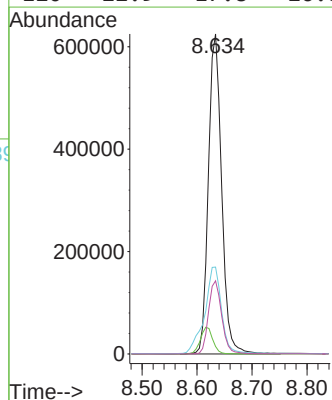
APPROVED

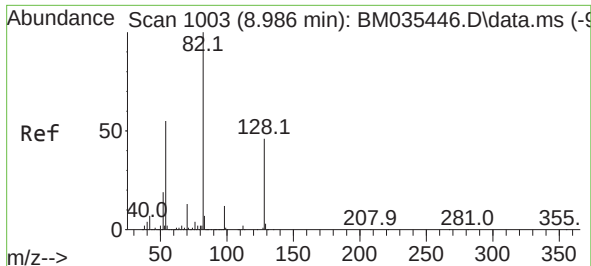
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#22
Acetophenone
Concen: 47.789 ng
RT: 8.634 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

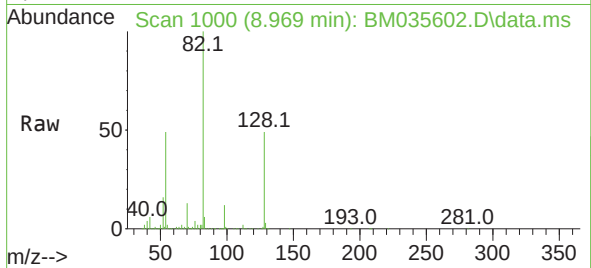
Tgt Ion:105 Resp: 1046405
Ion Ratio Lower Upper
105 100
71 2.3 5.0 7.4#
51 27.2 25.6 38.4
120 22.9 17.8 26.8





#23
Nitrobenzene-d5
Concen: 83.311 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

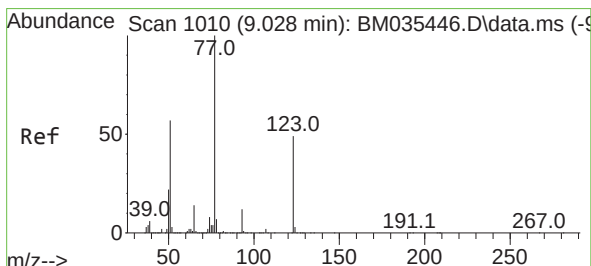
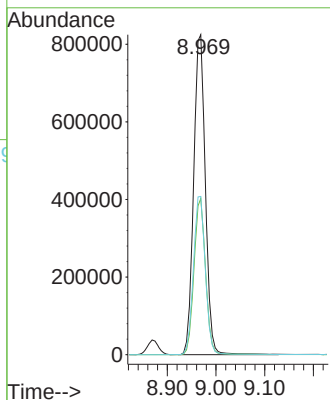
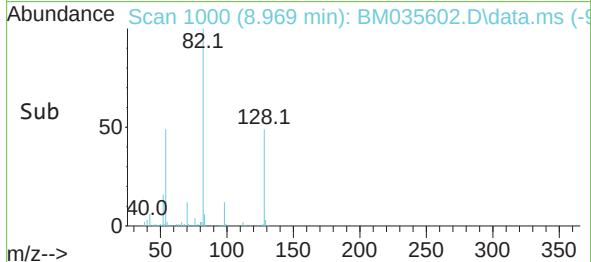
Instrument :
BNA_M
ClientSampleId :
PB145755BS



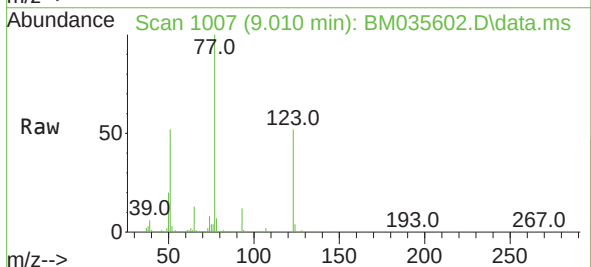
Tgt Ion: 82 Resp: 1385960
Ion Ratio Lower Upper
82 100
128 48.8 33.7 50.5
54 49.5 43.2 64.8

Manual Integrations
APPROVED

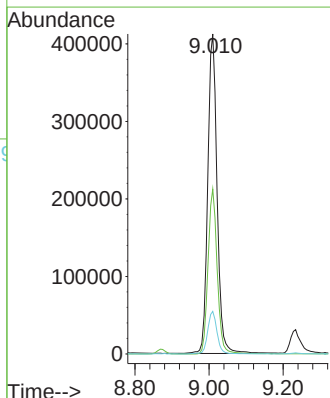
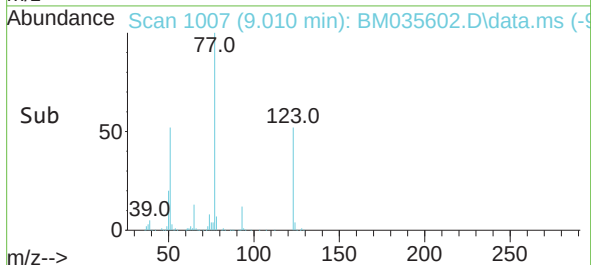
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

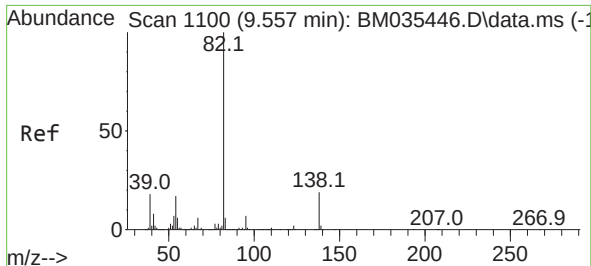


#24
Nitrobenzene
Concen: 47.421 ng
RT: 9.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



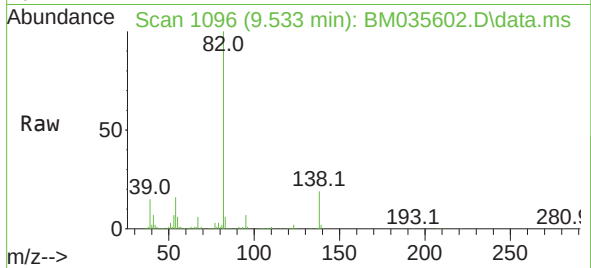
Tgt Ion: 77 Resp: 722322
Ion Ratio Lower Upper
77 100
123 51.5 36.2 54.4
65 13.3 11.4 17.0





#25
Isophorone
Concen: 48.843 ng
RT: 9.533 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

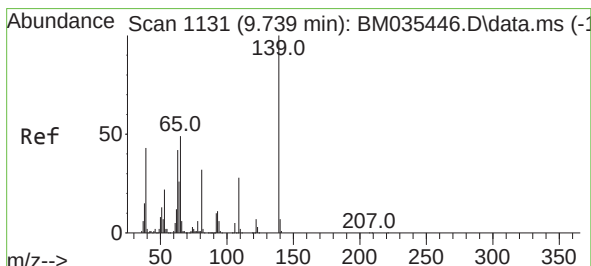
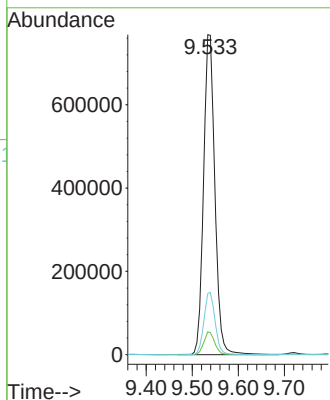
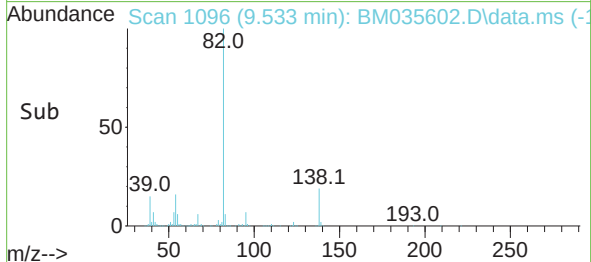
Instrument :
BNA_M
ClientSampleId :
PB145755BS



Tgt Ion: 82 Resp: 132144
Ion Ratio Lower Upper
82 100
95 7.2 6.4 9.6
138 19.1 14.2 21.4

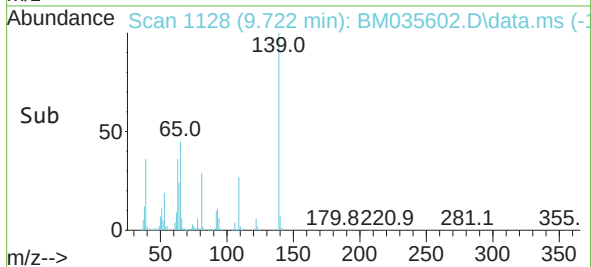
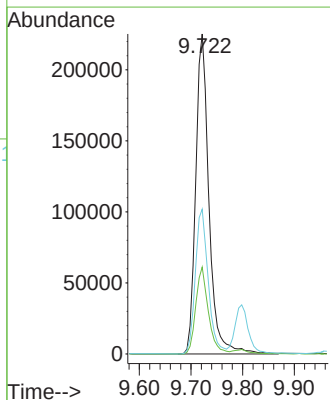
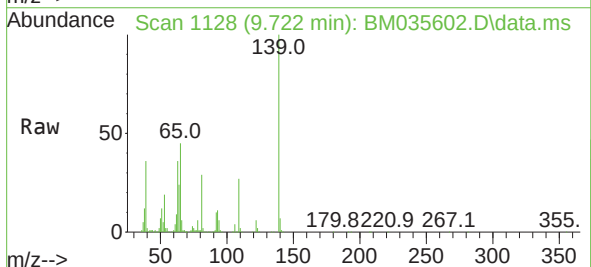
Manual Integrations
APPROVED

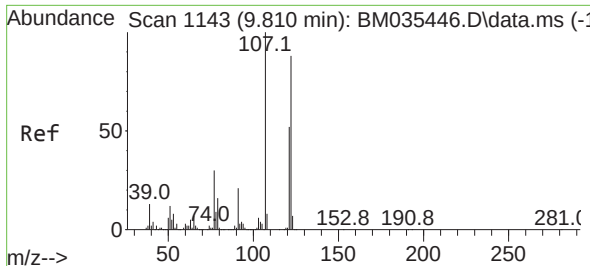
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#26
2-Nitrophenol
Concen: 51.422 ng
RT: 9.722 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Tgt Ion:139 Resp: 400859
Ion Ratio Lower Upper
139 100
109 27.2 25.6 38.4
65 45.2 43.2 64.8





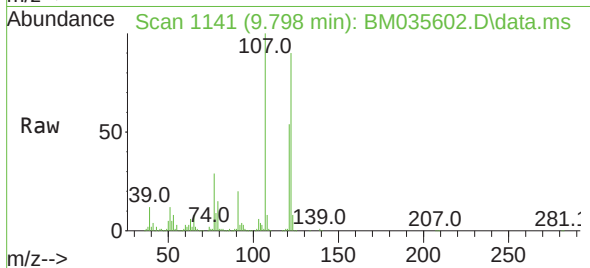
#27
2,4-Dimethylphenol
Concen: 55.250 ng
RT: 9.798 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Instrument :

BNA_M

ClientSampleId :

PB145755BS



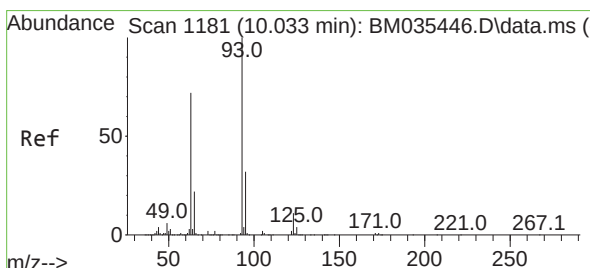
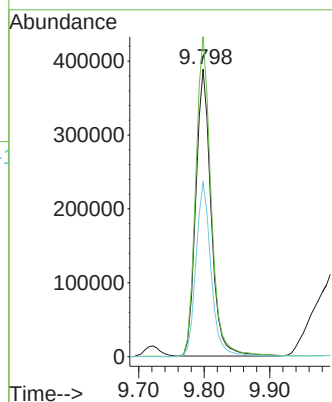
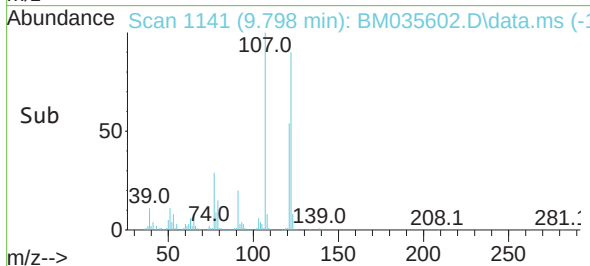
Tgt Ion:122 Resp: 631140
Ion Ratio Lower Upper
122 100
107 111.3 92.4 138.6
121 60.6 47.4 71.0

Manual Integrations

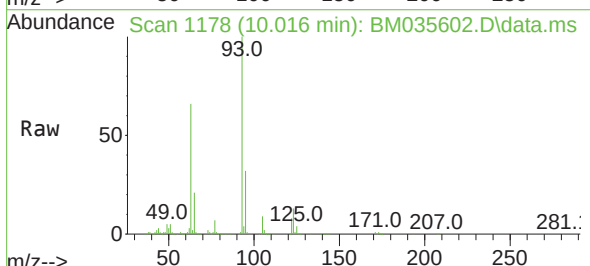
APPROVED

Reviewed By :Christian Giraldo 06/23/2022

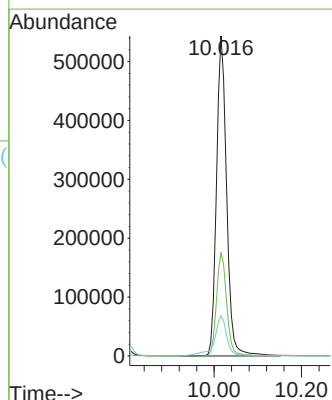
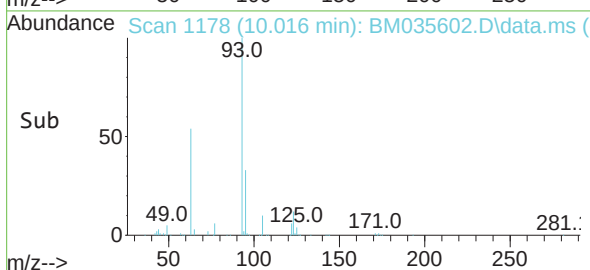
Supervised By :Jagrut Upadhyay 06/23/2022

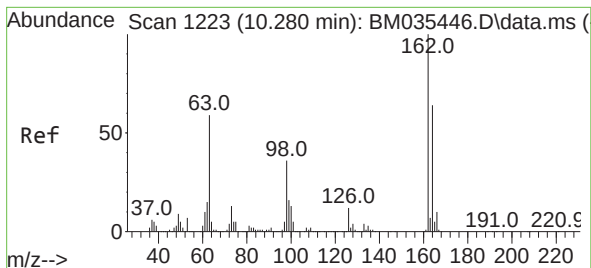


#28
bis(2-Chloroethoxy)methane
Concen: 46.460 ng
RT: 10.016 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



Tgt Ion: 93 Resp: 874581
Ion Ratio Lower Upper
93 100
95 32.2 26.1 39.1
123 12.5 9.0 13.4





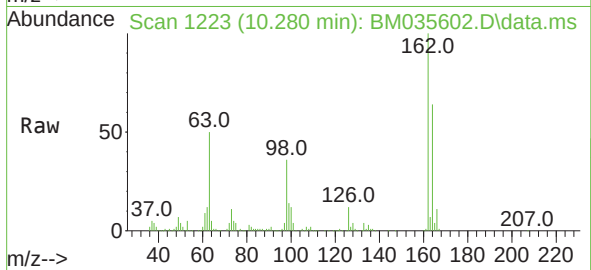
#29
2,4-Dichlorophenol
Concen: 50.192 ng
RT: 10.280 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Instrument :

BNA_M

ClientSampleId :

PB145755BS

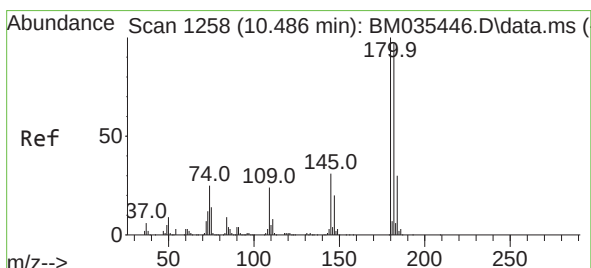
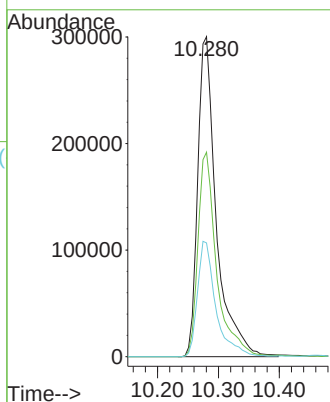
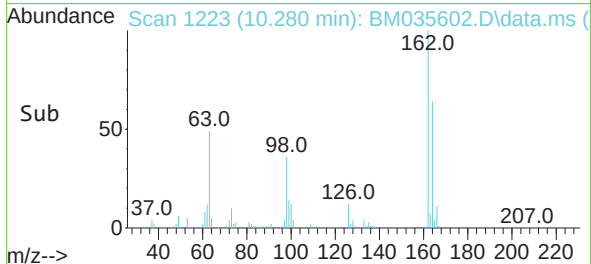


Tgt Ion:162 Resp: 63893
Ion Ratio Lower Upper
162 100
164 63.9 44.2 84.2
98 35.5 15.0 55.0

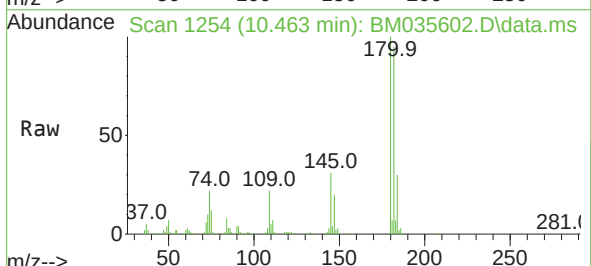
Manual Integrations

APPROVED

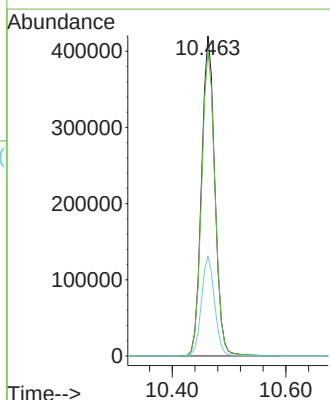
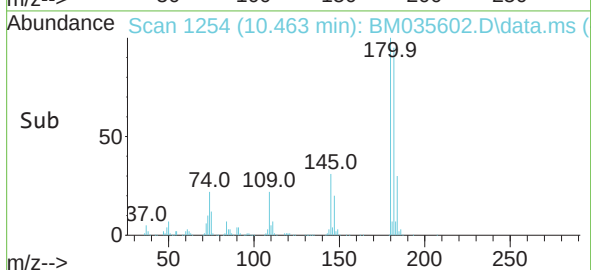
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

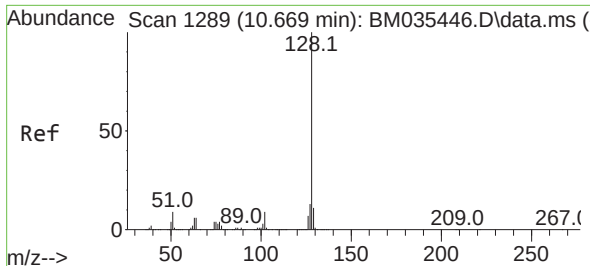


#30
1,2,4-Trichlorobenzene
Concen: 48.168 ng
RT: 10.463 min Scan# 1254
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



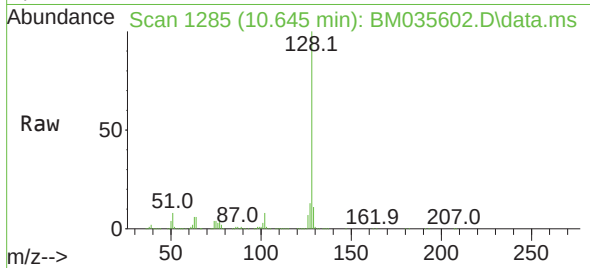
Tgt Ion:180 Resp: 681659
Ion Ratio Lower Upper
180 100
182 95.3 77.9 116.9
145 31.1 25.0 37.6





#31
Naphthalene
Concen: 48.525 ng
RT: 10.645 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

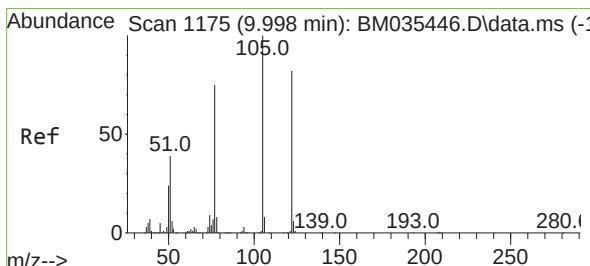
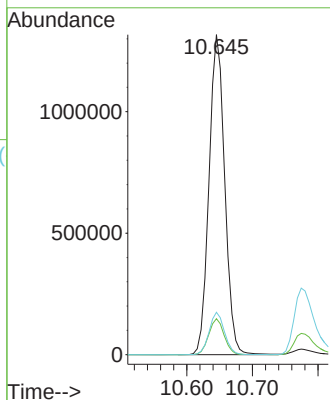
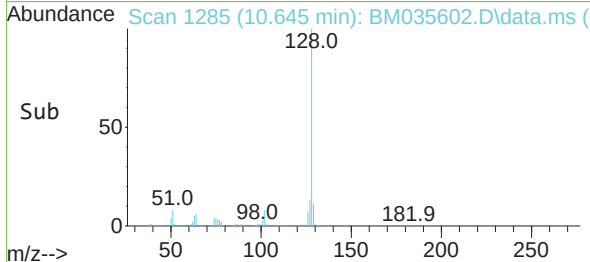
Instrument :
BNA_M
ClientSampleId :
PB145755BS



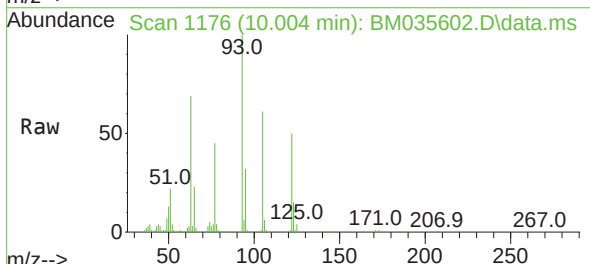
Tgt Ion:128 Resp: 2197308
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.6 16.0

Manual Integrations
APPROVED

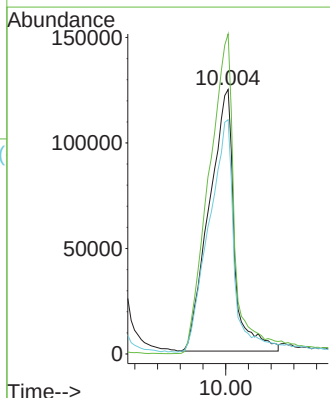
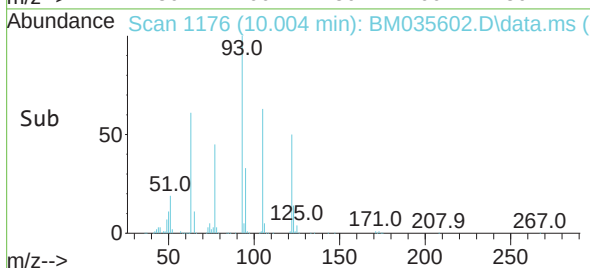
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

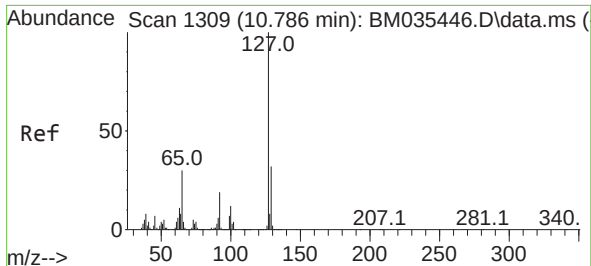


#32
Benzoic acid
Concen: 37.159 ng
RT: 10.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



Tgt Ion:122 Resp: 383883
Ion Ratio Lower Upper
122 100
105 121.0 105.7 145.7
77 88.5 80.0 120.0





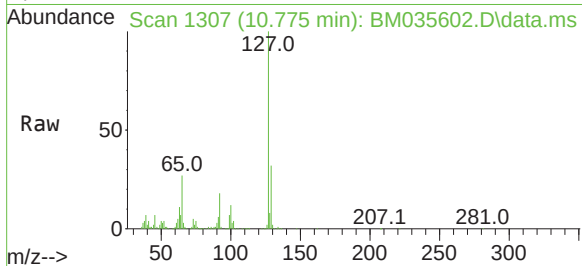
#33
4-Chloroaniline
Concen: 33.103 ng
RT: 10.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Instrument :

BNA_M

ClientSampleId :

PB145755BS

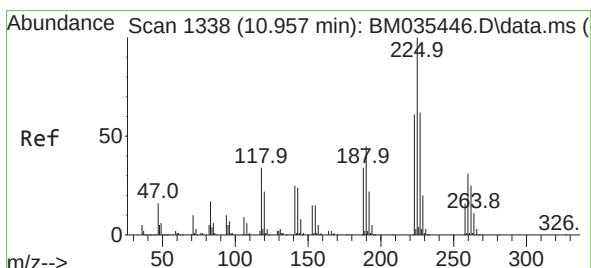
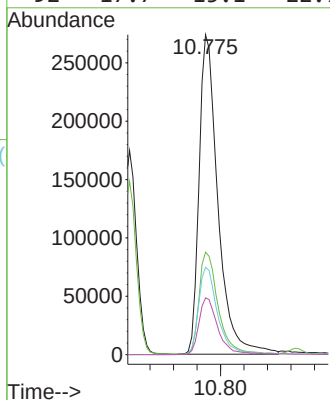
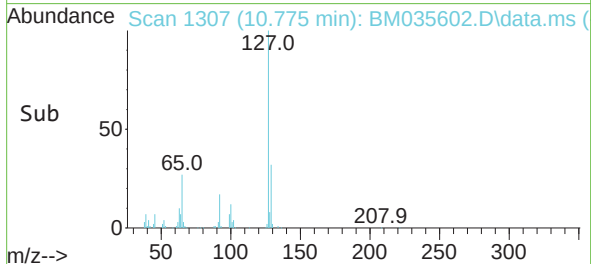


Tgt Ion:127 Resp: 60989
Ion Ratio Lower Upper
127 100
129 32.1 25.7 38.5
65 27.3 26.6 40.0
92 17.7 15.1 22.7

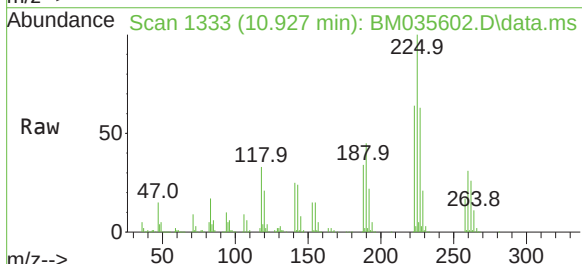
Manual Integrations

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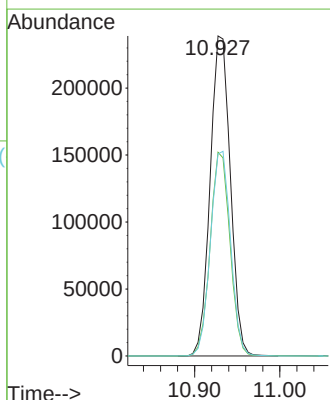
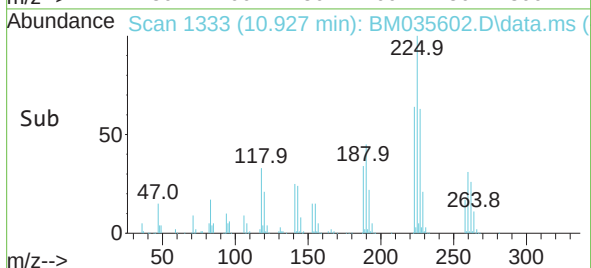
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

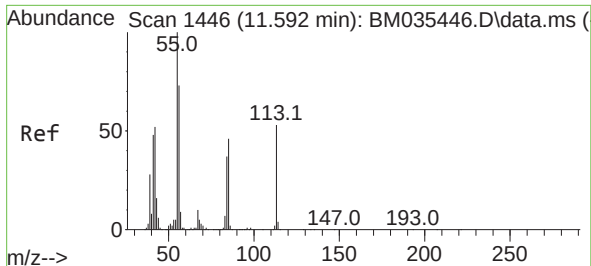


#34
Hexachlorobutadiene
Concen: 49.414 ng
RT: 10.927 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



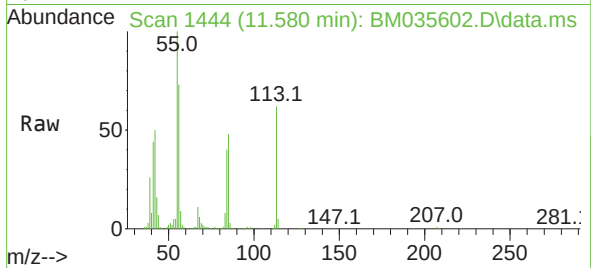
Tgt Ion:225 Resp: 393542
Ion Ratio Lower Upper
225 100
223 63.7 50.8 76.2
227 63.1 52.7 79.1





#35
Caprolactam
Concen: 42.018 ng
RT: 11.580 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

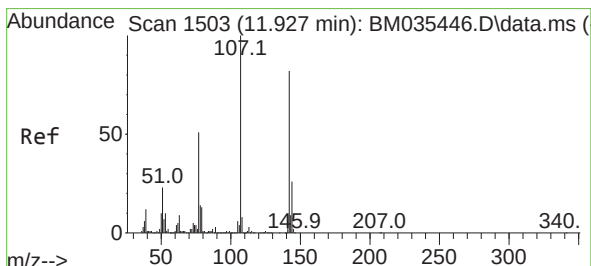
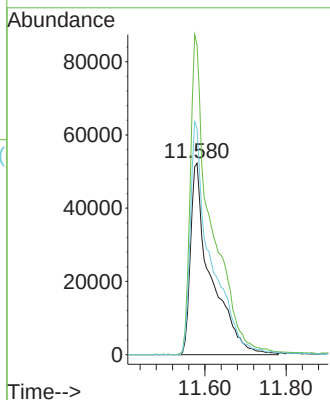
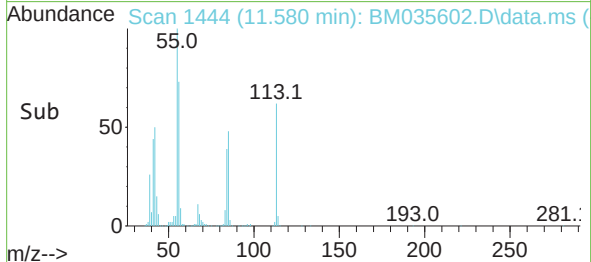
Instrument :
BNA_M
ClientSampleId :
PB145755BS



Tgt Ion:113 Resp: 181298
Ion Ratio Lower Upper
113 100
55 161.8 150.1 190.1
56 118.0 111.7 151.7

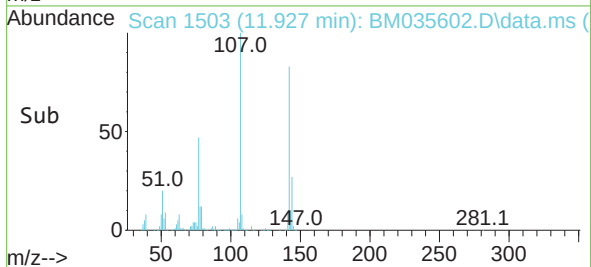
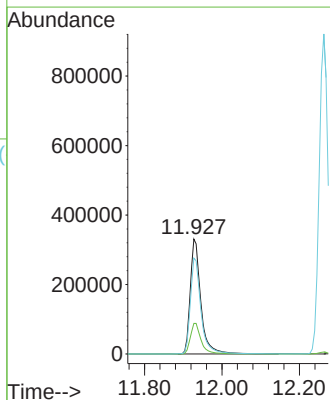
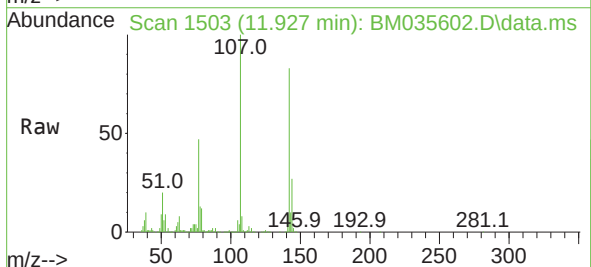
Manual Integrations
APPROVED

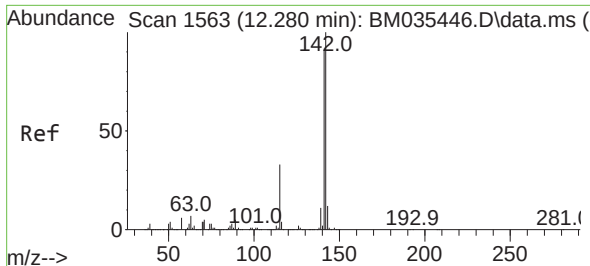
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#36
4-Chloro-3-methylphenol
Concen: 43.681 ng
RT: 11.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

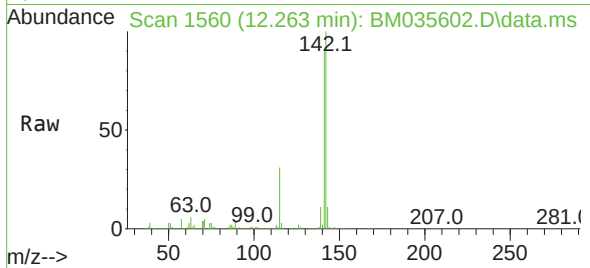
Tgt Ion:107 Resp: 630396
Ion Ratio Lower Upper
107 100
144 26.6 21.4 32.0
142 83.4 66.7 100.1





#37
2-Methylnaphthalene
Concen: 47.627 ng
RT: 12.263 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

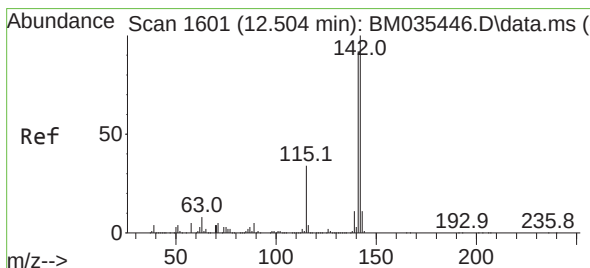
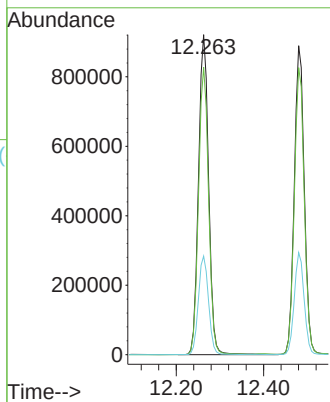
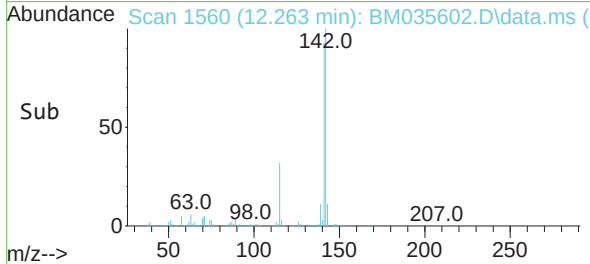
Instrument :
BNA_M
ClientSampleId :
PB145755BS



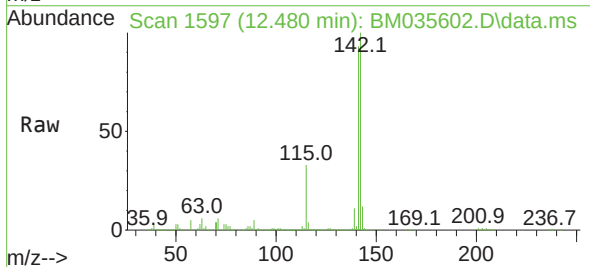
Tgt Ion:142 Resp: 1485192
Ion Ratio Lower Upper
142 100
141 89.9 72.4 108.6
115 30.8 29.6 44.4

Manual Integrations
APPROVED

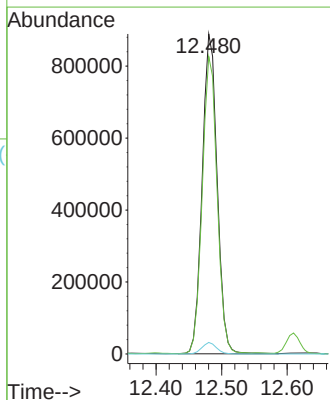
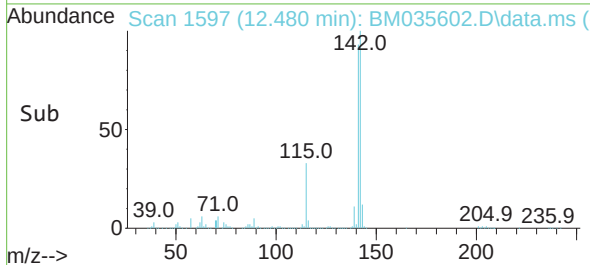
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

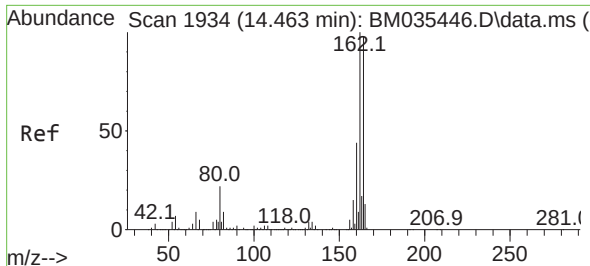


#38
1-Methylnaphthalene
Concen: 46.289 ng
RT: 12.480 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



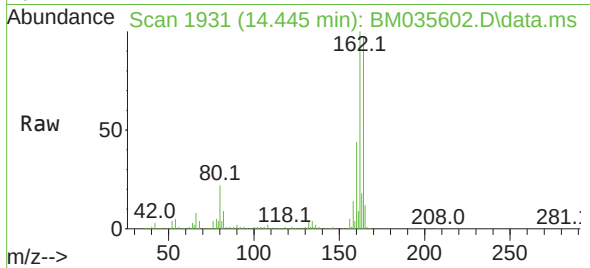
Tgt Ion:142 Resp: 1410840
Ion Ratio Lower Upper
142 100
141 92.9 75.0 112.4
116 3.6 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

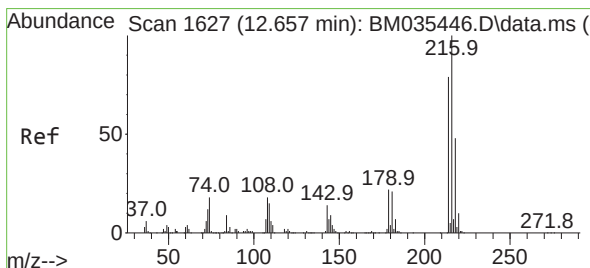
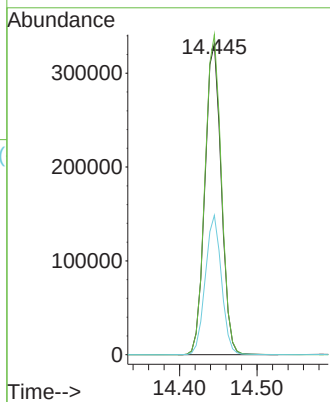
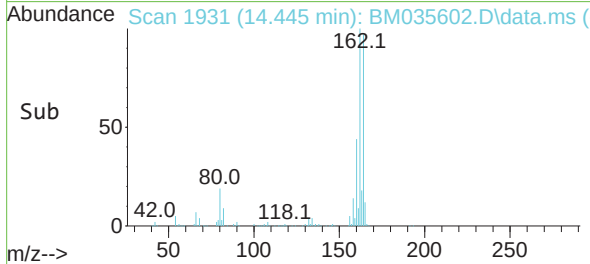
Instrument :
BNA_M
ClientSampleId :
PB145755BS



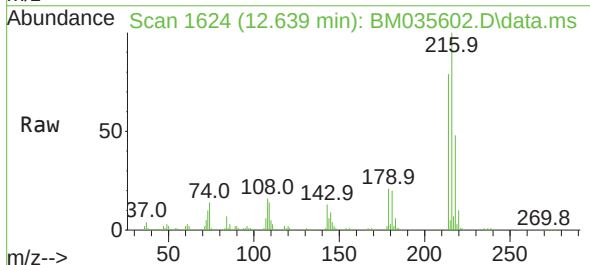
Tgt Ion:164 Resp: 485950
Ion Ratio Lower Upper
164 100
162 103.0 83.0 124.6
160 44.8 37.0 55.4

Manual Integrations
APPROVED

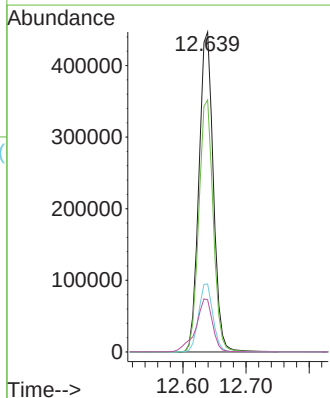
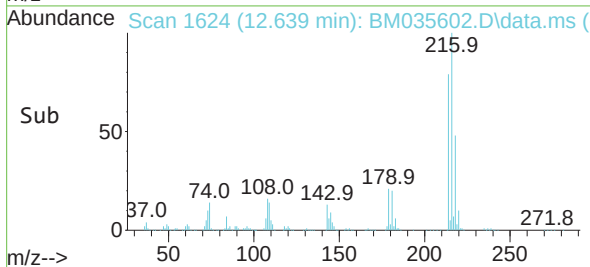
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

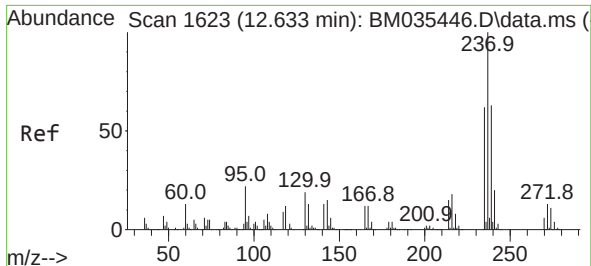


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.526 ng
RT: 12.639 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



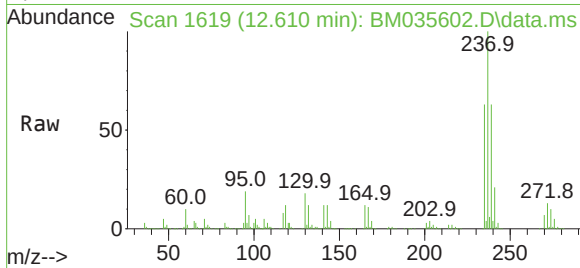
Tgt Ion:216 Resp: 705700
Ion Ratio Lower Upper
216 100
214 79.0 62.6 94.0
179 21.4 18.2 27.2
108 19.6 17.0 25.6





#41
Hexachlorocyclopentadiene
Concen: 121.792 ng
RT: 12.610 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

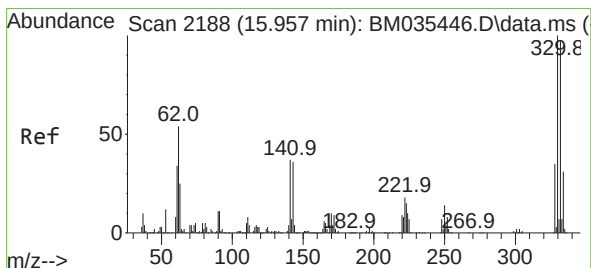
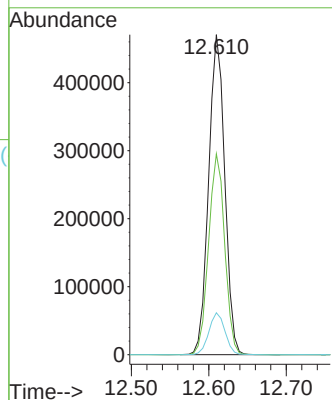
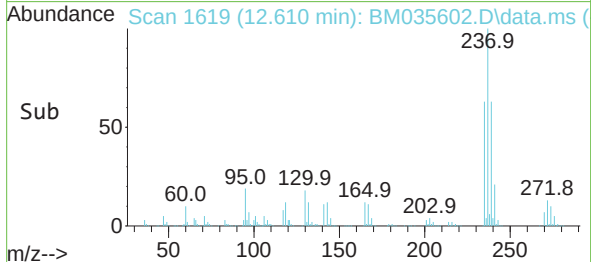
Instrument :
BNA_M
ClientSampleId :
PB145755BS



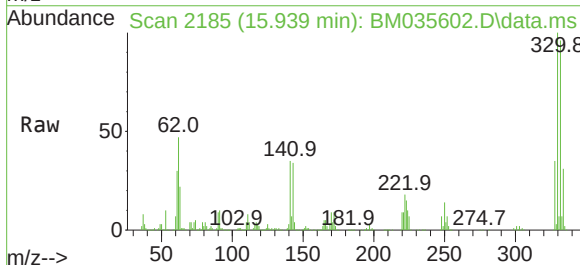
Tgt Ion:237 Resp: 678502
Ion Ratio Lower Upper
237 100
235 62.7 43.8 83.8
272 13.1 0.0 32.5

Manual Integrations
APPROVED

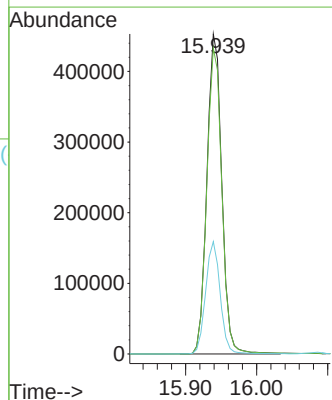
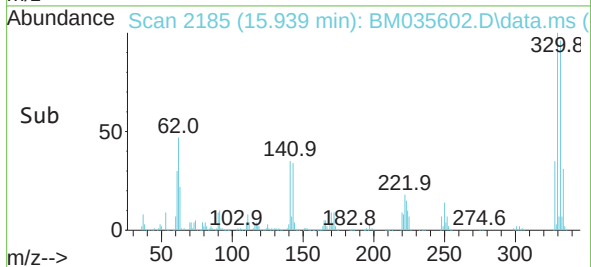
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

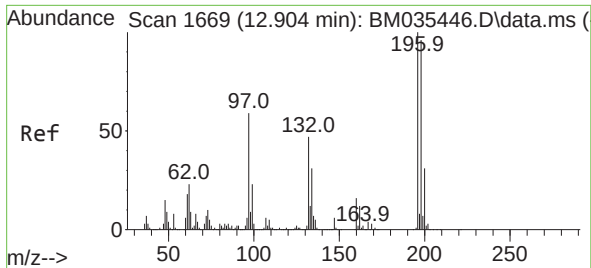


#42
2,4,6-Tribromophenol
Concen: 127.615 ng
RT: 15.939 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



Tgt Ion:330 Resp: 660254
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 34.7 35.3 52.9#





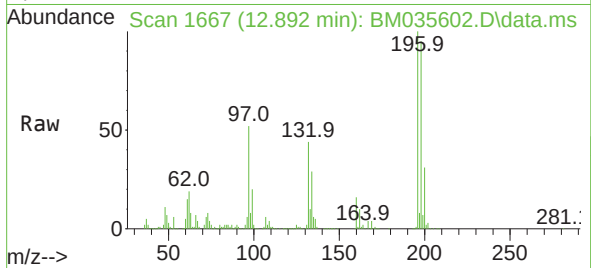
#43
2,4,6-Trichlorophenol
Concen: 48.776 ng
RT: 12.892 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Instrument :

BNA_M

ClientSampleId :

PB145755BS

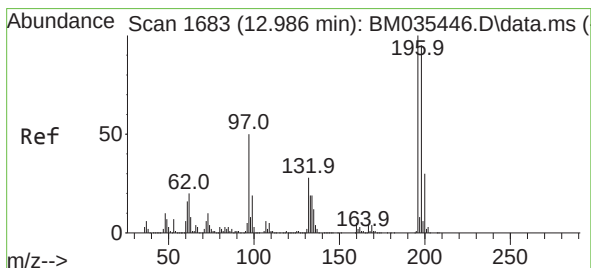
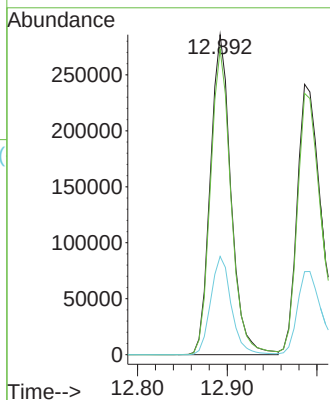
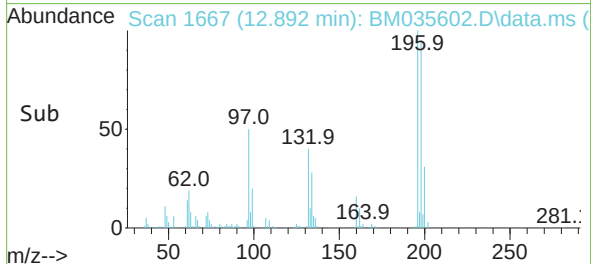


Tgt Ion:196 Resp: 458234
Ion Ratio Lower Upper
196 100
198 95.4 75.8 113.6
200 30.7 24.9 37.3

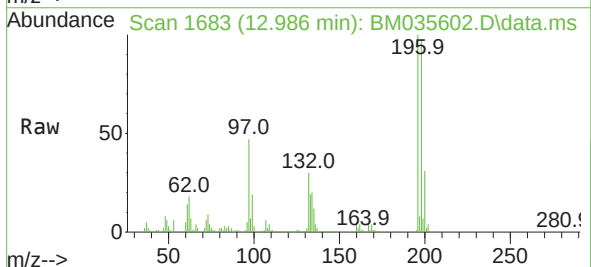
Manual Integrations

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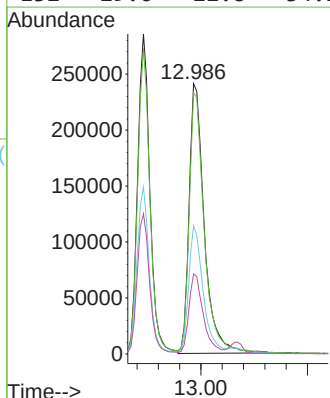
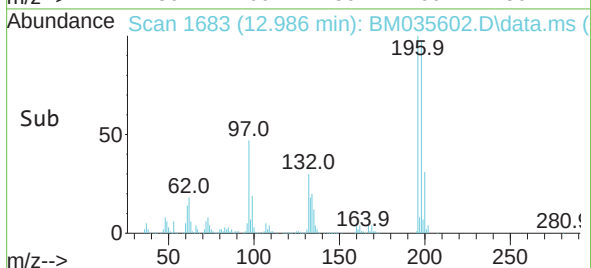
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

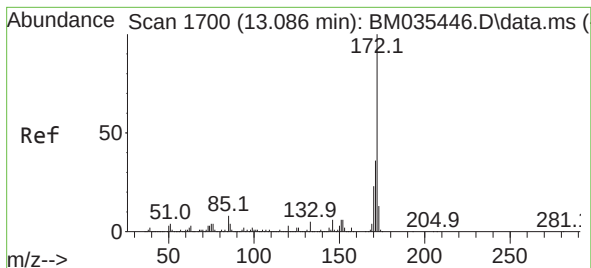


#44
2,4,5-Trichlorophenol
Concen: 47.225 ng
RT: 12.986 min Scan# 1683
Delta R.T. -0.006 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



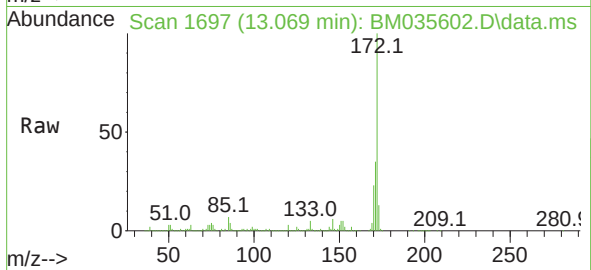
Tgt Ion:196 Resp: 478619
Ion Ratio Lower Upper
196 100
198 96.6 77.8 116.6
97 47.4 43.4 65.2
132 29.6 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 92.295 ng
RT: 13.069 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

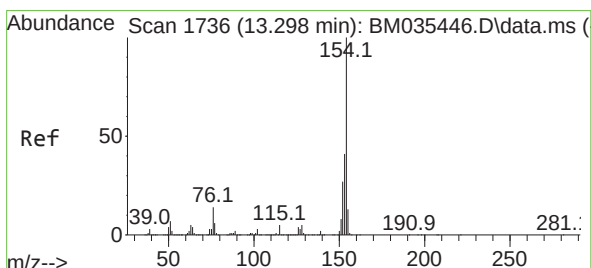
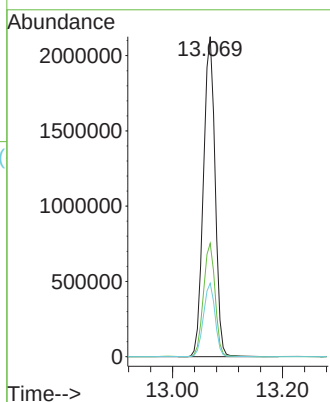
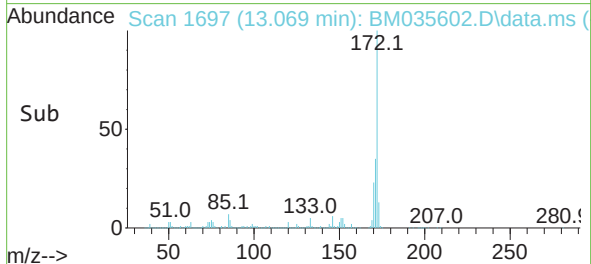
Instrument :
BNA_M
ClientSampleId :
PB145755BS



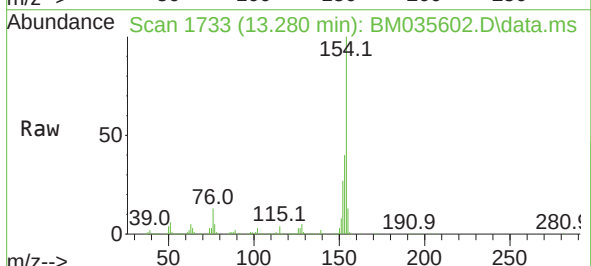
Tgt Ion:172 Resp: 3139480
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.0 18.7 28.1

Manual Integrations
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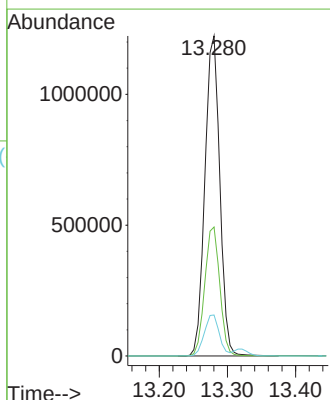
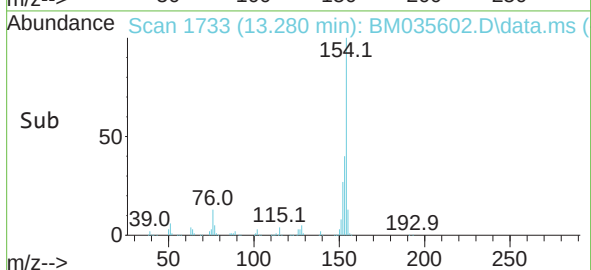
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

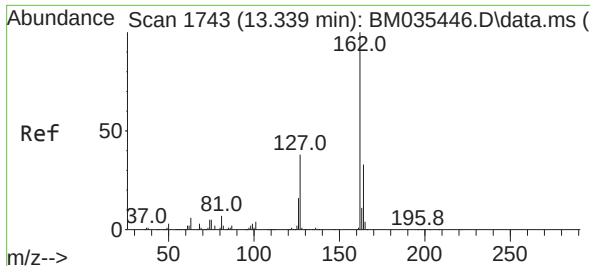


#46
1,1'-Biphenyl
Concen: 49.191 ng
RT: 13.280 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



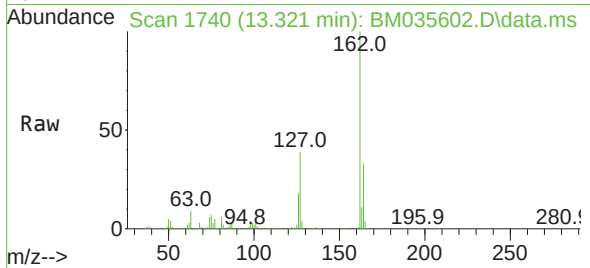
Tgt Ion:154 Resp: 1861749
Ion Ratio Lower Upper
154 100
153 40.3 20.5 60.5
76 12.8 0.0 31.8





#47
2-Chloronaphthalene
Concen: 49.491 ng
RT: 13.321 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

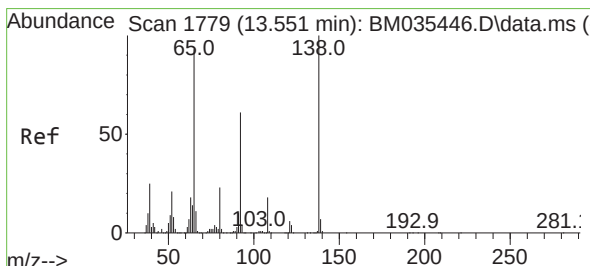
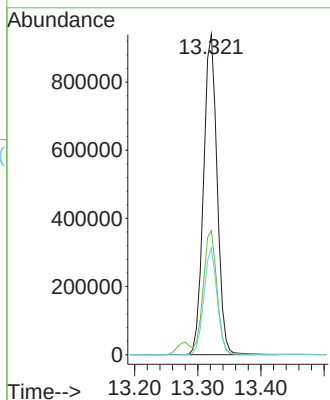
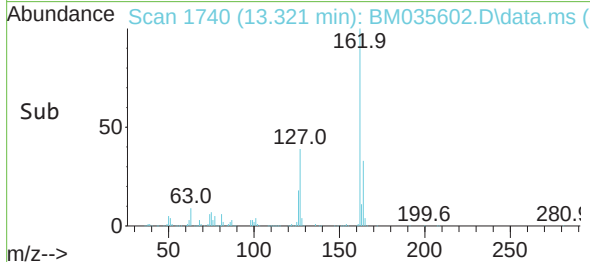
Instrument :
BNA_M
ClientSampleId :
PB145755BS



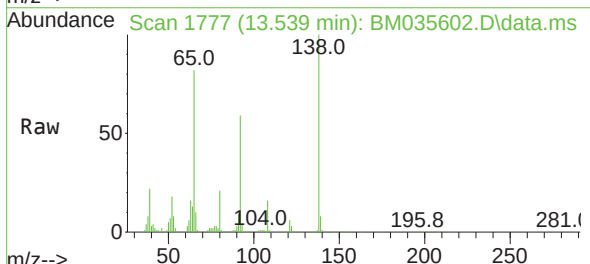
Tgt Ion:162 Resp: 140870
Ion Ratio Lower Upper
162 100
127 38.8 30.6 45.8
164 33.4 26.6 39.8

Manual Integrations
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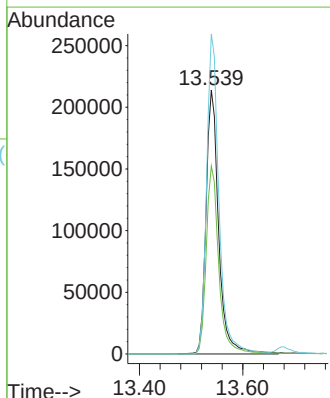
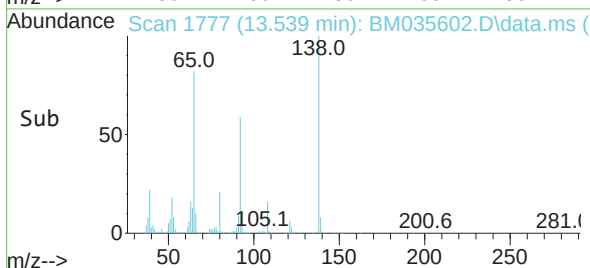
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

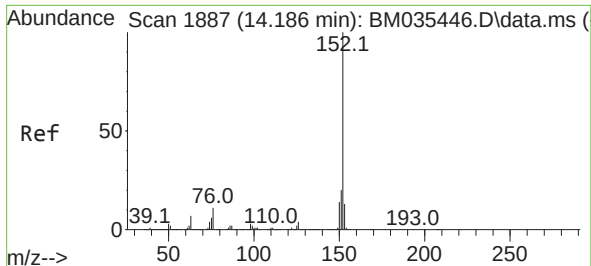


#48
2-Nitroaniline
Concen: 42.108 ng
RT: 13.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



Tgt Ion: 65 Resp: 362818
Ion Ratio Lower Upper
65 100
92 71.2 53.7 80.5
138 121.2 83.9 125.9





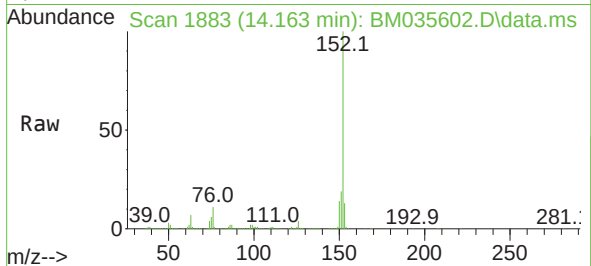
#49
Acenaphthylene
Concen: 48.608 ng
RT: 14.163 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Instrument :

BNA_M

ClientSampleId :

PB145755BS

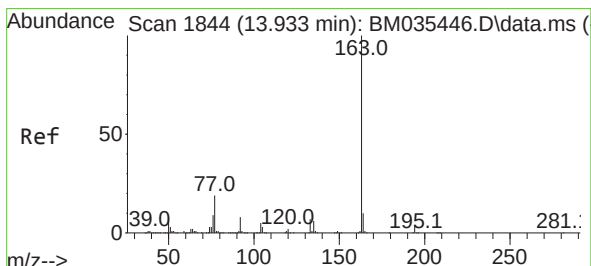
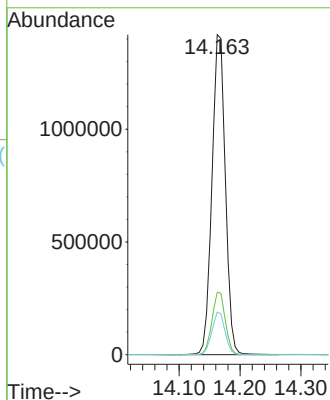
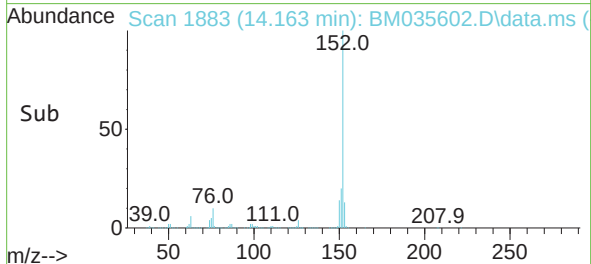


Tgt Ion:152 Resp: 216719
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 13.3 10.5 15.7

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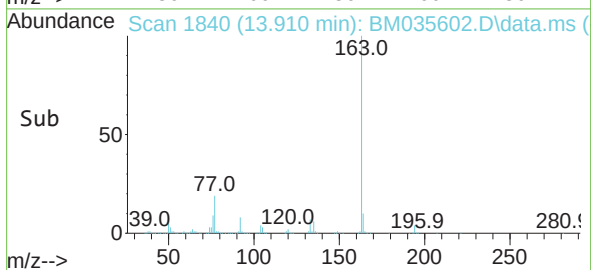
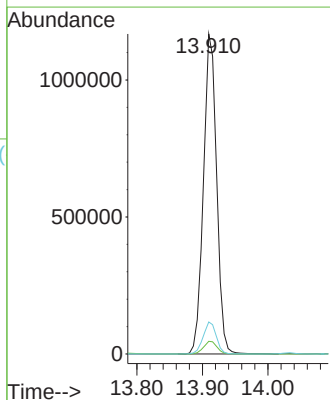
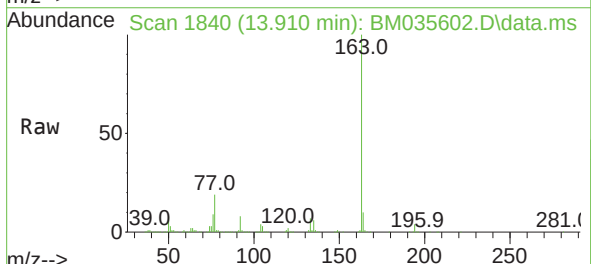
APPROVED

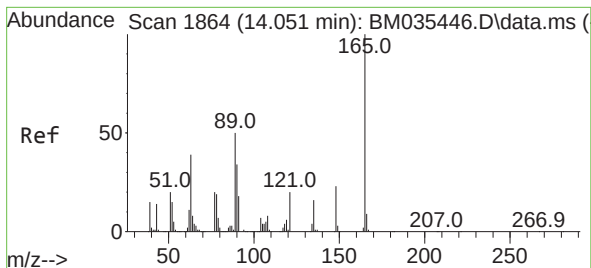
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#50
Dimethylphthalate
Concen: 45.801 ng
RT: 13.910 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

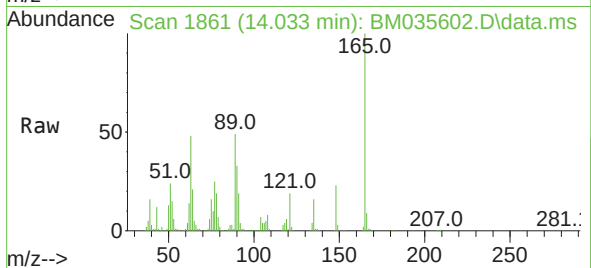
Tgt Ion:163 Resp: 1637860
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.0 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 48.388 ng
RT: 14.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

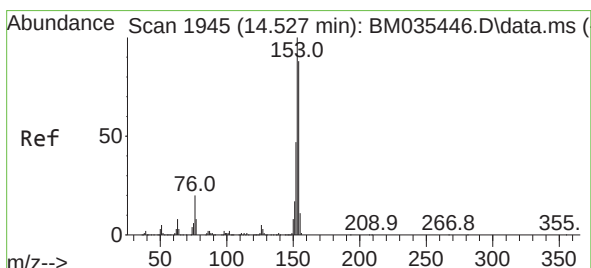
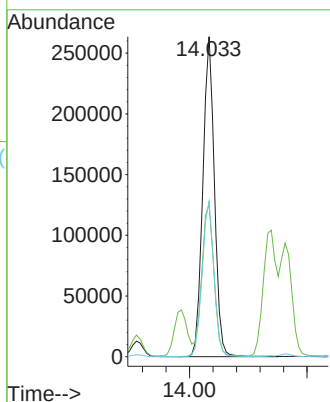
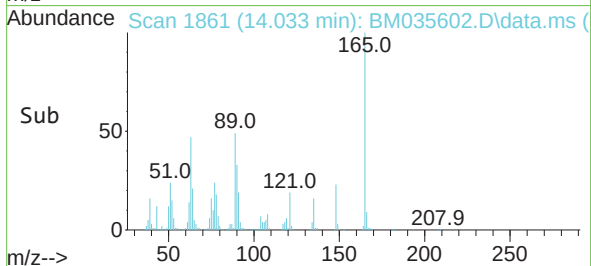
Instrument :
BNA_M
ClientSampleId :
PB145755BS



Tgt Ion:165 Resp: 362229
Ion Ratio Lower Upper
165 100
63 47.5 50.2 75.2
89 48.6 48.4 72.6

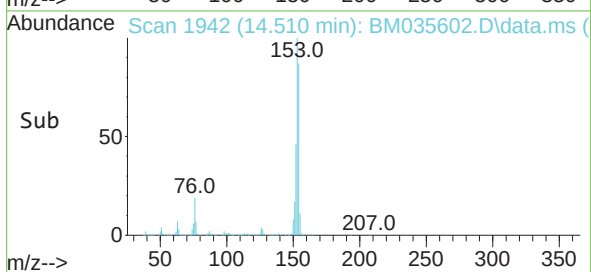
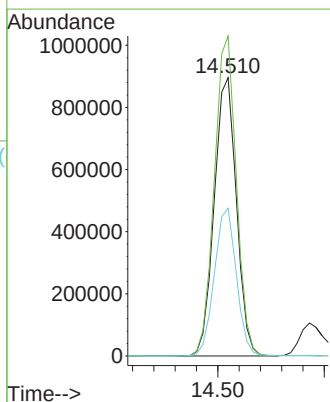
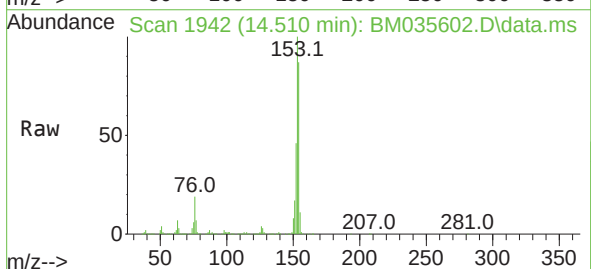
Manual Integrations
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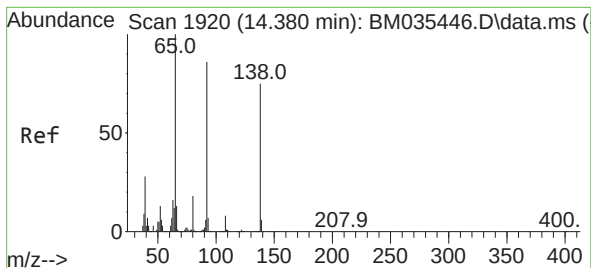
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#52
Acenaphthene
Concen: 49.825 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

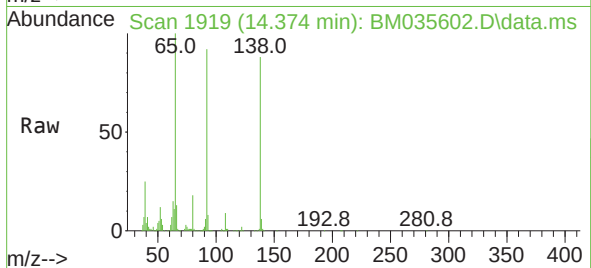
Tgt Ion:154 Resp: 1294010
Ion Ratio Lower Upper
154 100
153 115.0 91.0 136.6
152 53.1 43.4 65.2





#53
3-Nitroaniline
Concen: 35.854 ng
RT: 14.374 min Scan# 1919
Delta R.T. 0.006 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

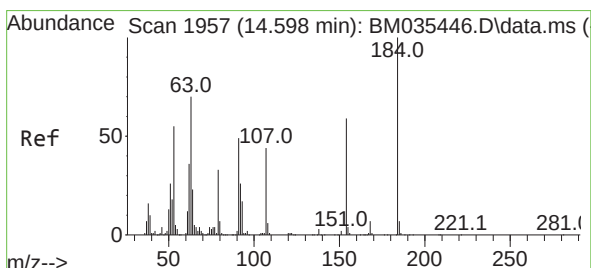
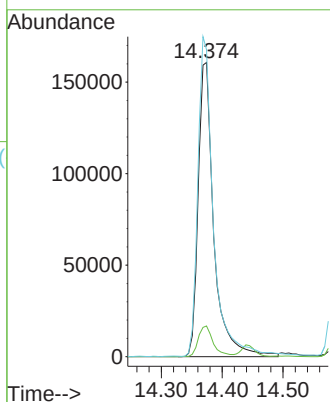
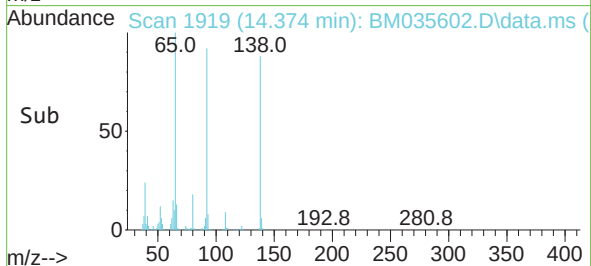
Instrument :
BNA_M
ClientSampleId :
PB145755BS



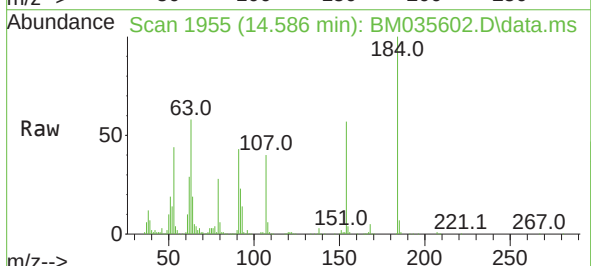
Tgt Ion:138 Resp: 28804
Ion Ratio Lower Upper
138 100
108 10.4 8.7 13.1
92 104.4 91.5 137.3

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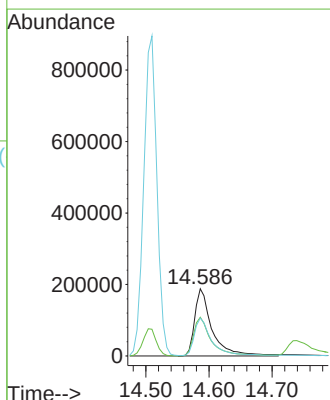
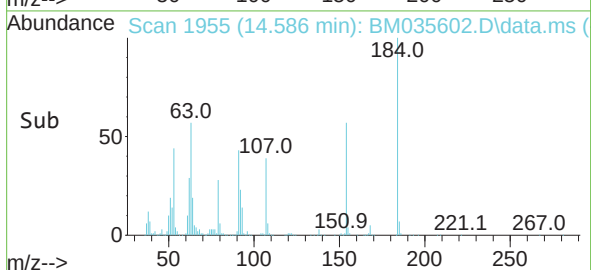
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

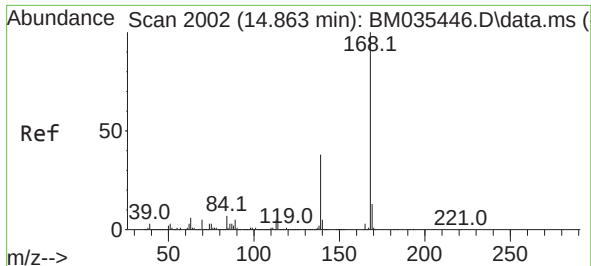


#54
2,4-Dinitrophenol
Concen: 76.621 ng
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



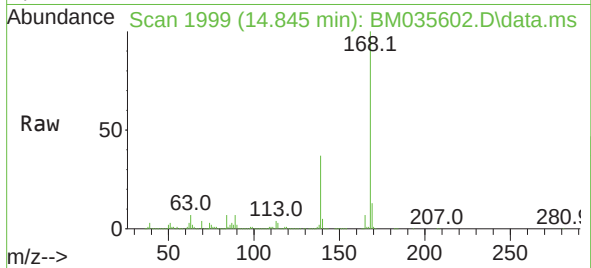
Tgt Ion:184 Resp: 359732
Ion Ratio Lower Upper
184 100
63 57.5 59.5 89.3#
154 56.5 55.6 83.4





#55
Dibenzofuran
Concen: 47.344 ng
RT: 14.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

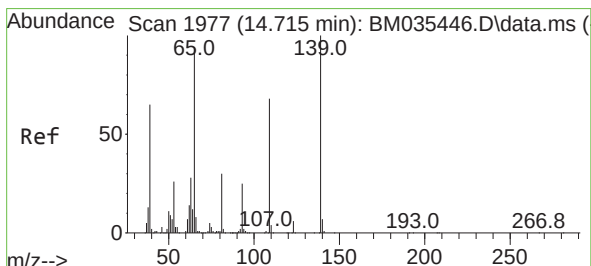
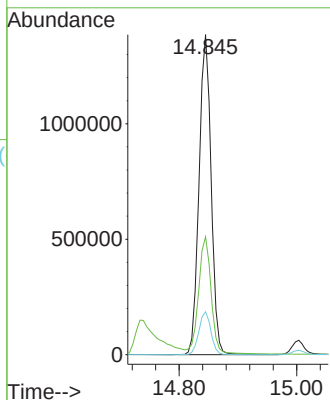
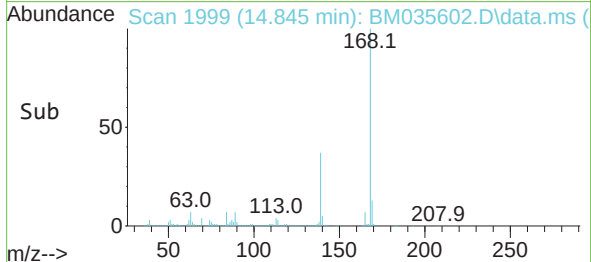
Instrument :
BNA_M
ClientSampleId :
PB145755BS



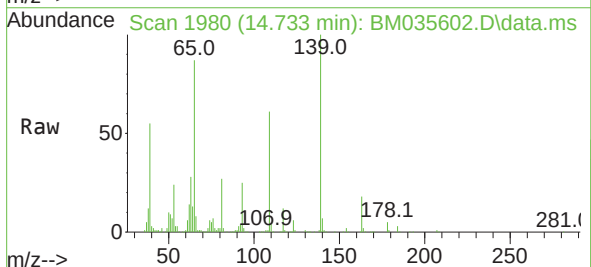
Tgt Ion:168 Resp: 1969962
Ion Ratio Lower Upper
168 100
139 36.9 32.2 48.2
169 13.4 10.6 16.0

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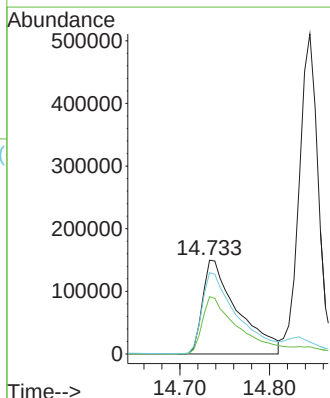
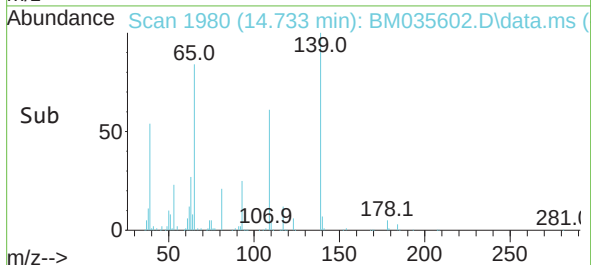
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

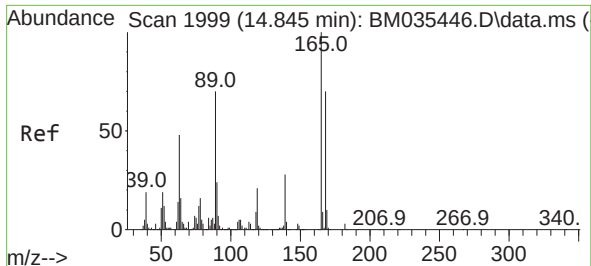


#56
4-Nitrophenol
Concen: 65.024 ng
RT: 14.733 min Scan# 1980
Delta R.T. -0.018 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



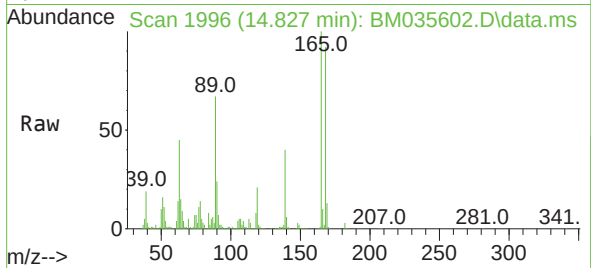
Tgt Ion:139 Resp: 405099
Ion Ratio Lower Upper
139 100
109 61.0 62.5 102.5#
65 86.6 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 49.292 ng
RT: 14.827 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

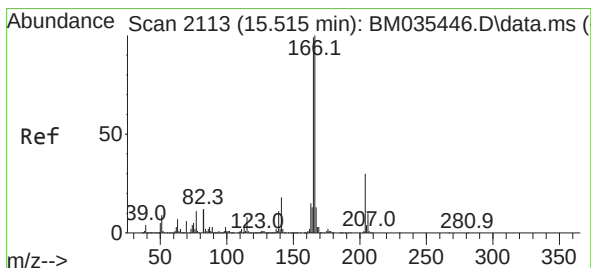
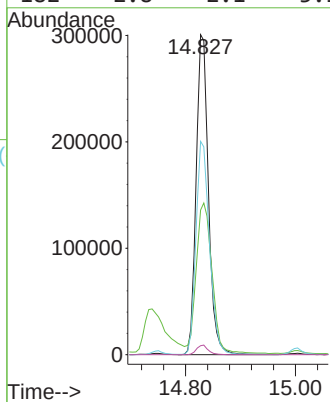
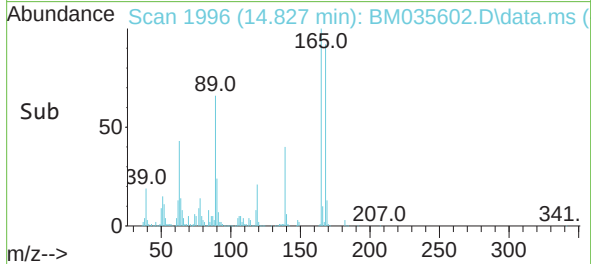
Instrument :
BNA_M
ClientSampleId :
PB145755BS



Tgt Ion:165 Resp: 468579
Ion Ratio Lower Upper
165 100
63 45.2 35.6 53.4
89 66.6 57.3 85.9
182 2.8 2.1 3.1

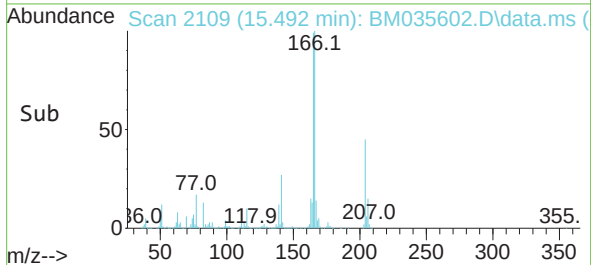
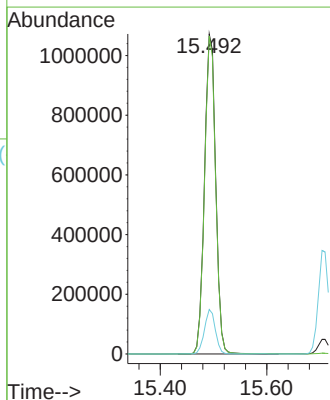
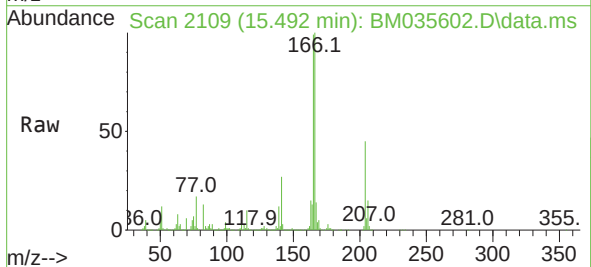
Manual Integrations
APPROVED

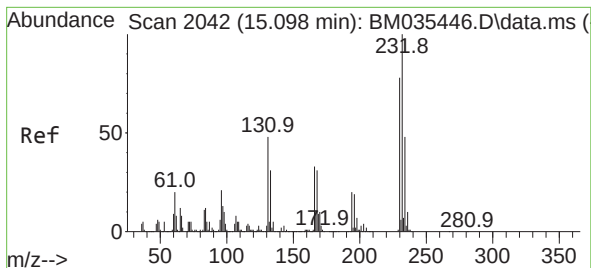
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#58
Fluorene
Concen: 47.872 ng
RT: 15.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

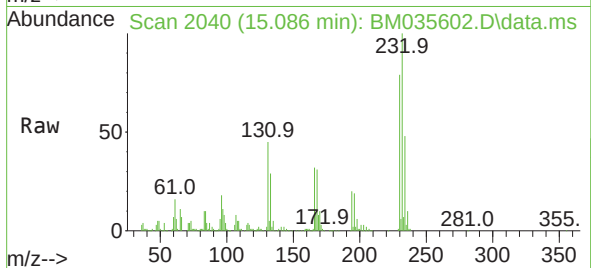
Tgt Ion:166 Resp: 1556095
Ion Ratio Lower Upper
166 100
165 99.4 79.4 119.2
167 13.9 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.132 ng
RT: 15.086 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

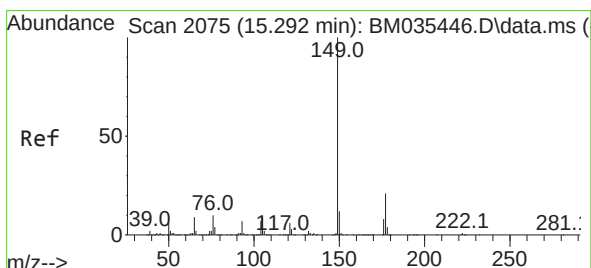
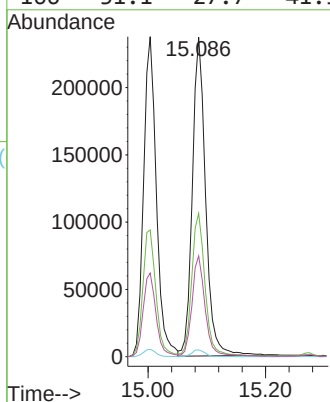
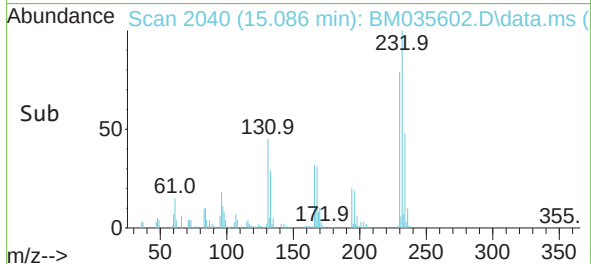
Instrument :
BNA_M
ClientSampleId :
PB145755BS



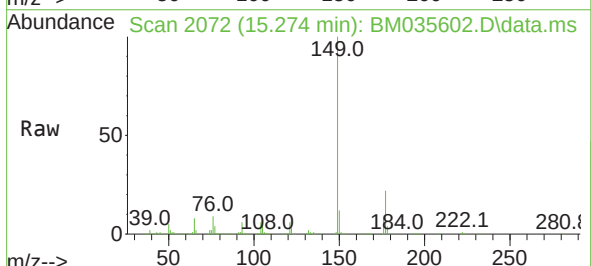
Tgt Ion:232 Resp: 371820
Ion Ratio Lower Upper
232 100
131 45.1 41.0 61.6
130 2.1 2.3 3.5
166 31.1 27.7 41.5

Manual Integrations
APPROVED

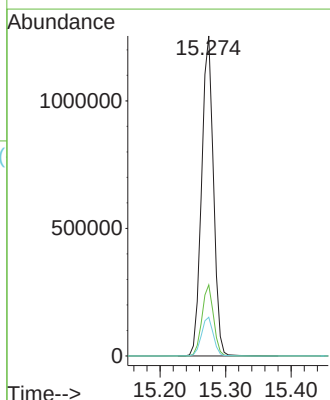
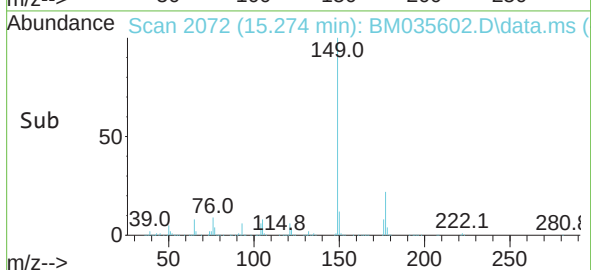
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

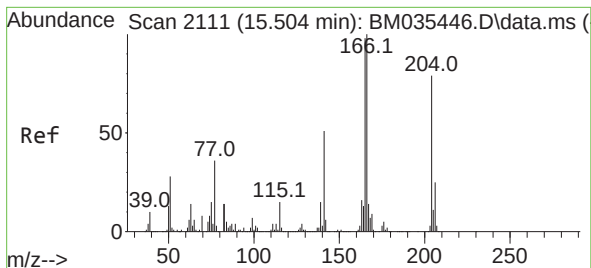


#60
Diethylphthalate
Concen: 45.068 ng
RT: 15.274 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



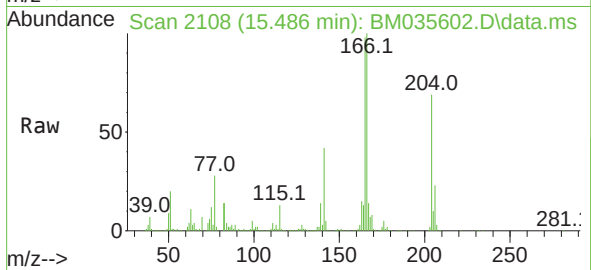
Tgt Ion:149 Resp: 1577239
Ion Ratio Lower Upper
149 100
177 22.2 16.9 25.3
150 12.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.480 ng
RT: 15.486 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

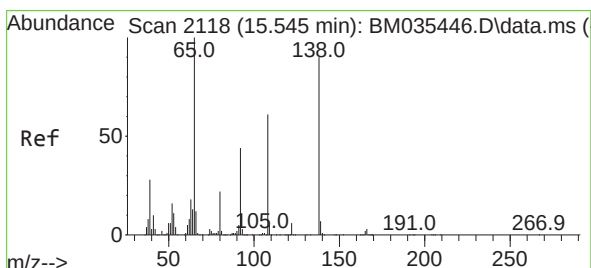
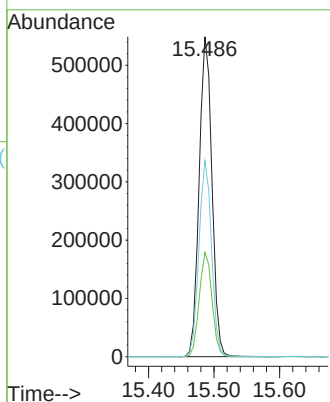
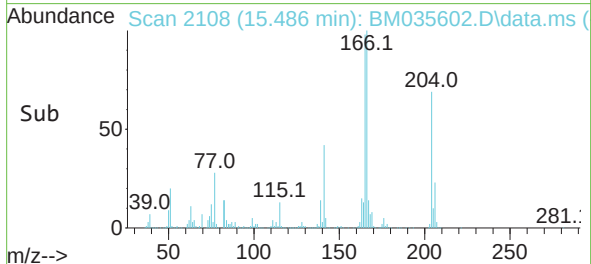
Instrument :
BNA_M
ClientSampleId :
PB145755BS



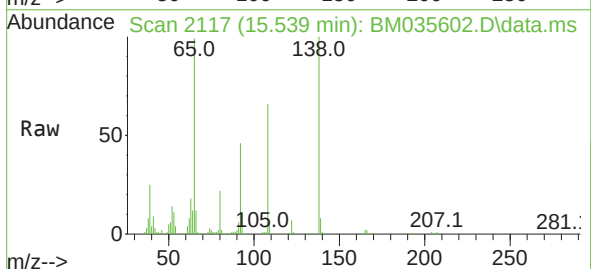
Tgt Ion:204 Resp: 746810
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 61.3 51.2 76.8

Manual Integrations
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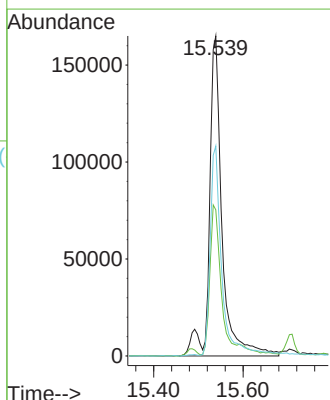
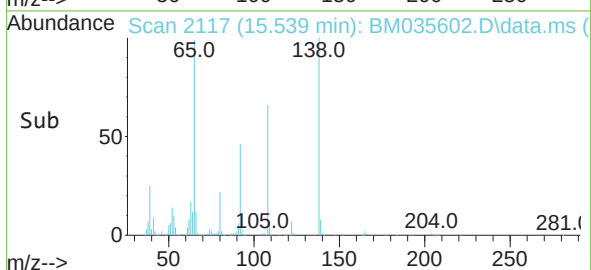
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

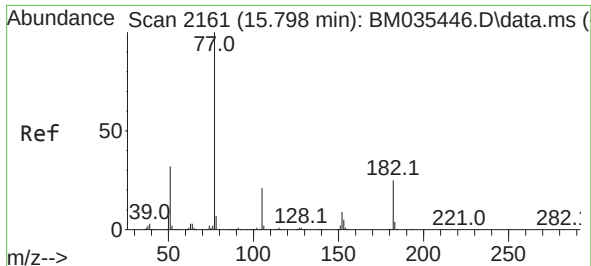


#62
4-Nitroaniline
Concen: 41.538 ng m
RT: 15.539 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



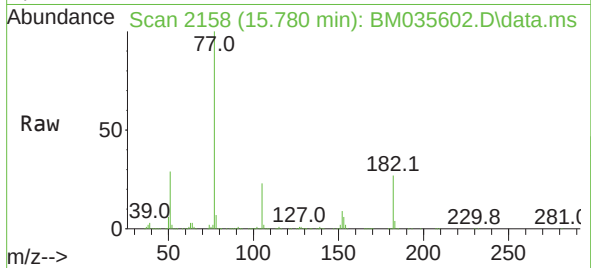
Tgt Ion:138 Resp: 322965
Ion Ratio Lower Upper
138 100
92 45.7 30.8 70.8
108 65.6 65.7 105.7#





#63
Azobenzene
Concen: 41.841 ng
RT: 15.780 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

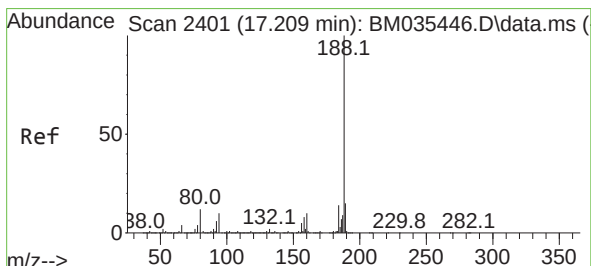
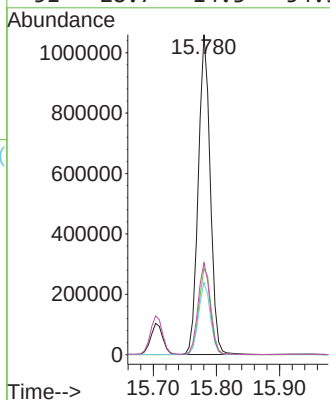
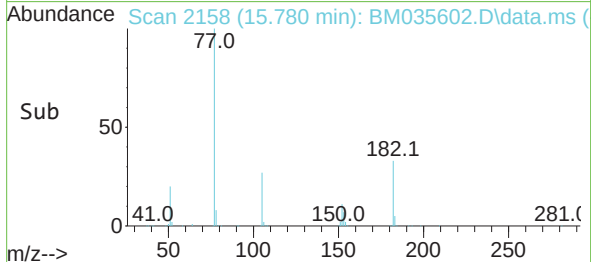
Instrument :
BNA_M
ClientSampleId :
PB145755BS



Tgt Ion: 77 Resp: 1386930
Ion Ratio Lower Upper
77 100
182 27.0 4.9 44.9
105 22.5 0.0 39.6
51 28.7 14.3 54.3

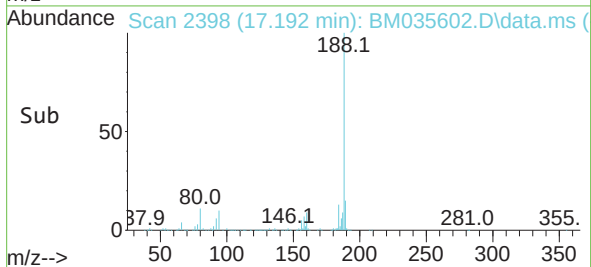
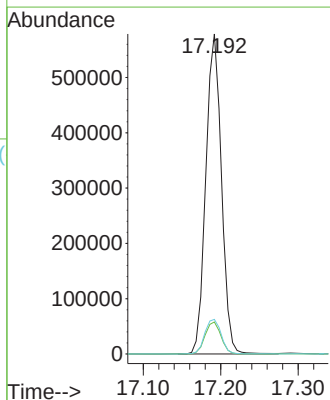
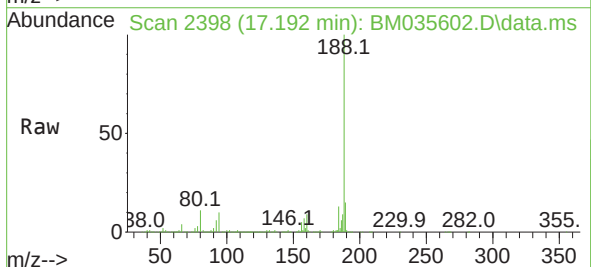
Manual Integrations
APPROVED

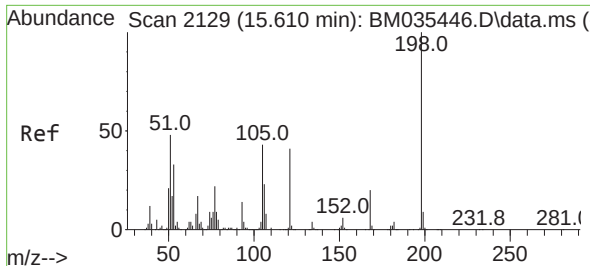
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

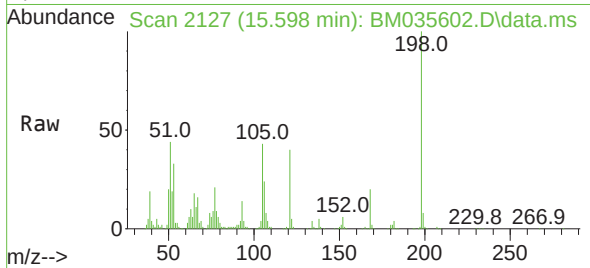
Tgt Ion:188 Resp: 811048
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.4
80 10.8 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 45.096 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

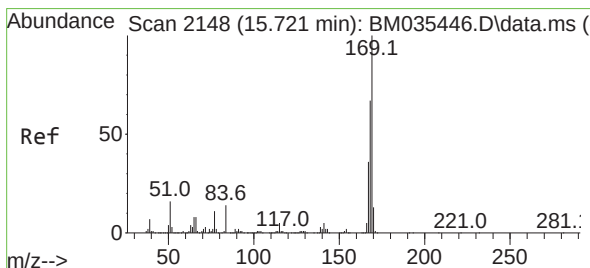
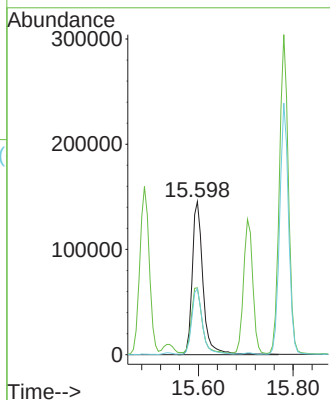
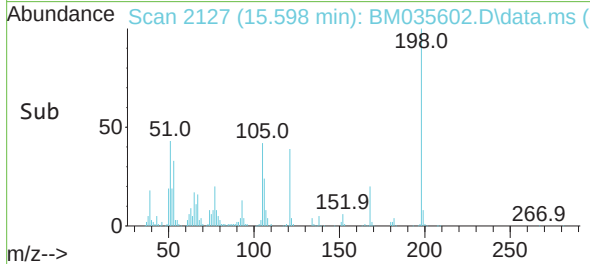
Instrument :
BNA_M
ClientSampleId :
PB145755BS



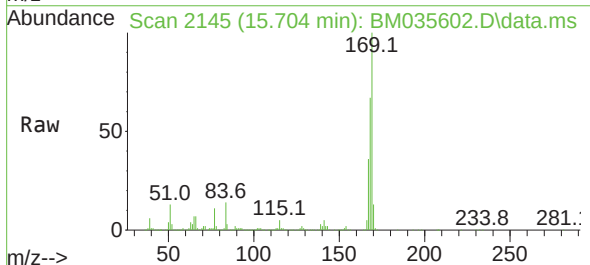
Tgt Ion:198 Resp: 230281
Ion Ratio Lower Upper
198 100
51 43.7 29.0 69.0
105 43.1 22.1 62.1

Manual Integrations
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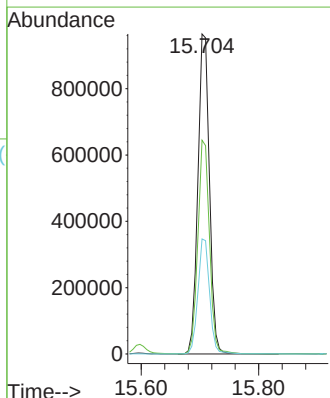
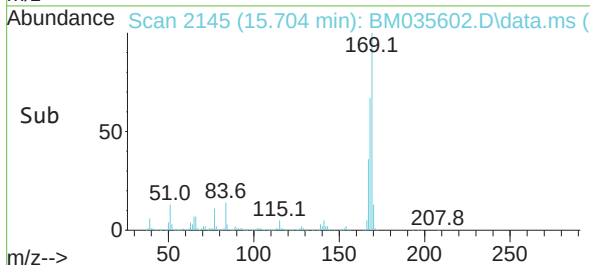
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

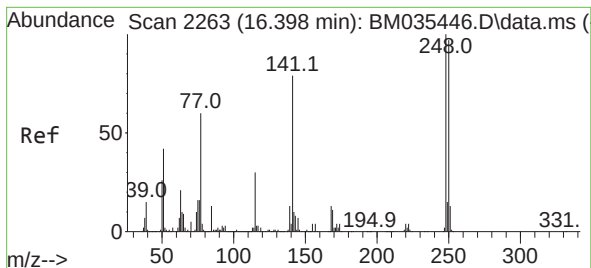


#66
n-Nitrosodiphenylamine
Concen: 54.546 ng
RT: 15.704 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



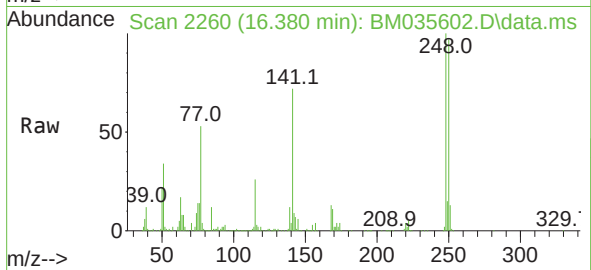
Tgt Ion:169 Resp: 1317399
Ion Ratio Lower Upper
169 100
168 66.8 54.3 81.5
167 36.0 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 53.650 ng
RT: 16.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

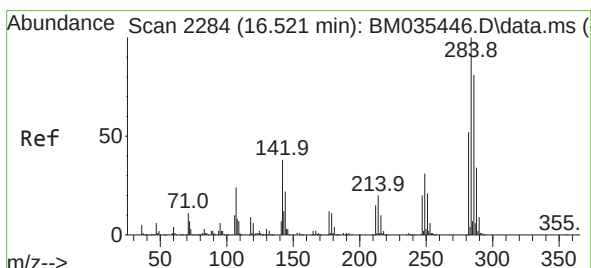
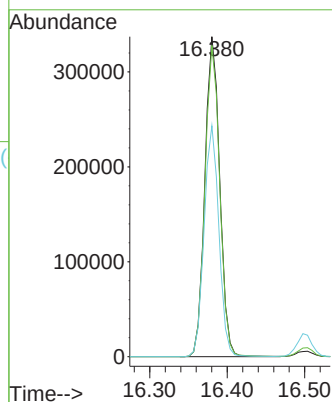
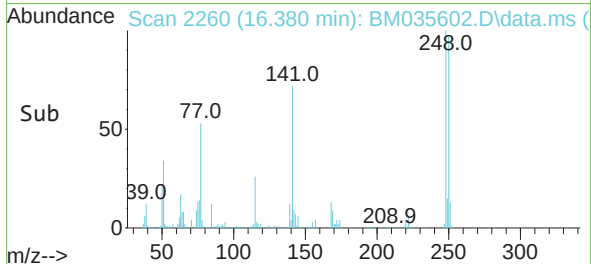
Instrument :
BNA_M
ClientSampleId :
PB145755BS



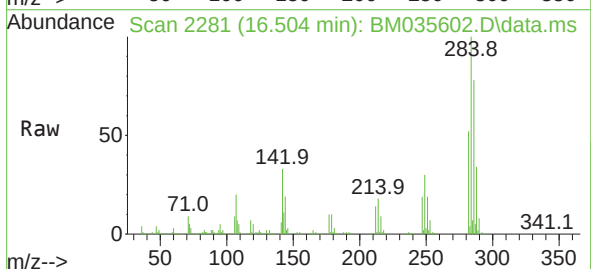
Tgt Ion:248 Resp: 448969
Ion Ratio Lower Upper
248 100
250 97.2 78.0 117.0
141 72.2 66.0 99.0

Manual Integrations
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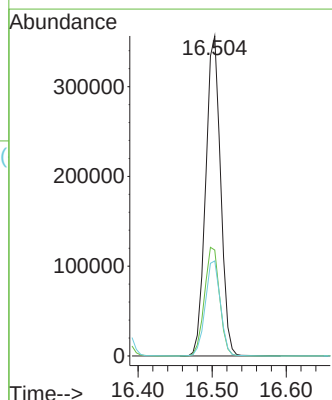
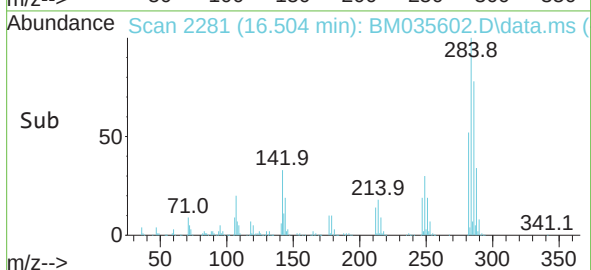
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

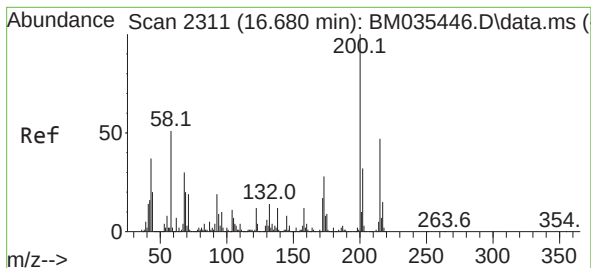


#68
Hexachlorobenzene
Concen: 54.533 ng
RT: 16.504 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



Tgt Ion:284 Resp: 498929
Ion Ratio Lower Upper
284 100
142 33.1 33.6 50.4#
249 29.7 26.2 39.2





#69

Atrazine

Concen: 56.024 ng

RT: 16.662 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM035602.D

Acq: 22 Jun 2022 16:15

Instrument :

BNA_M

ClientSampleId :

PB145755BS

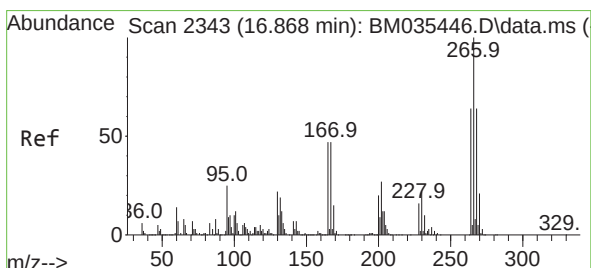
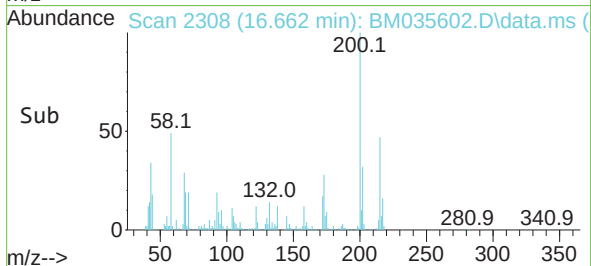
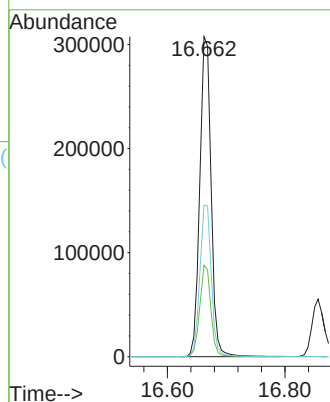
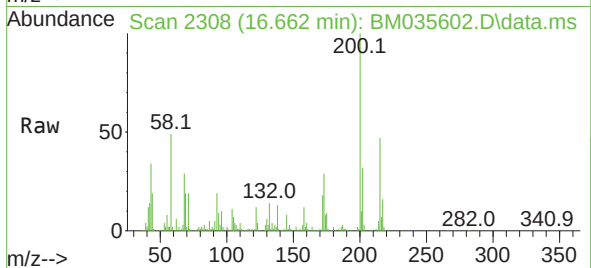
Tgt Ion:200 Resp: 410759
 Ion Ratio Lower Upper
 200 100
 173 28.6 6.6 46.6
 215 47.4 26.2 66.2

Manual Integrations

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Reviewed By :Christian Giraldo 06/23/2022

Supervised By :Jagrut Upadhyay 06/23/2022



#70

Pentachlorophenol

Concen: 97.800 ng

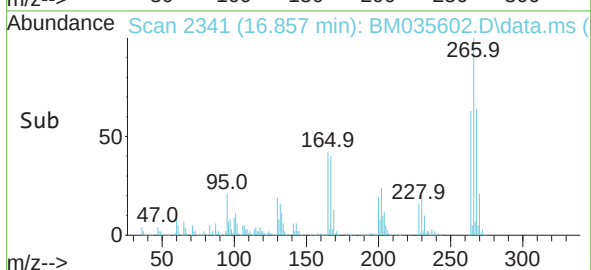
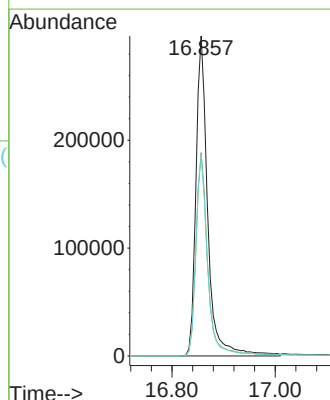
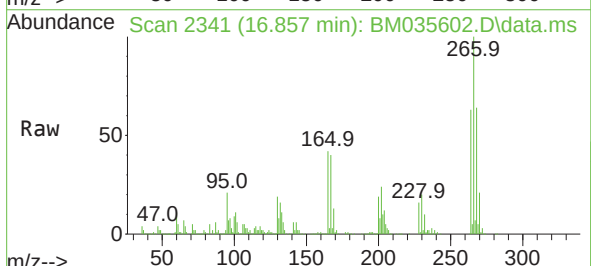
RT: 16.857 min Scan# 2341

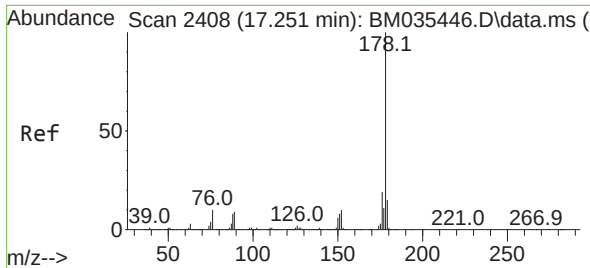
Delta R.T. -0.006 min

Lab File: BM035602.D

Acq: 22 Jun 2022 16:15

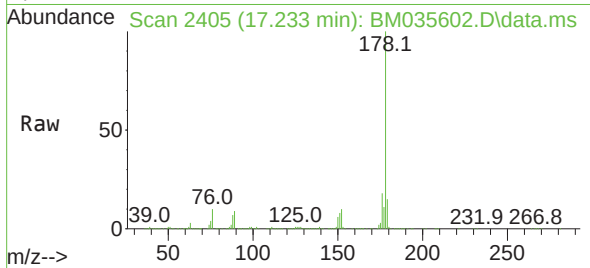
Tgt Ion:266 Resp: 471157
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.9 77.9
 264 62.8 50.6 76.0





#71
Phenanthrene
Concen: 50.008 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

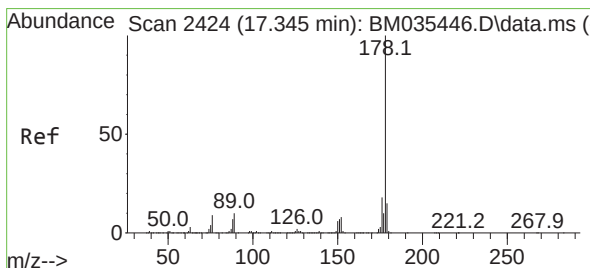
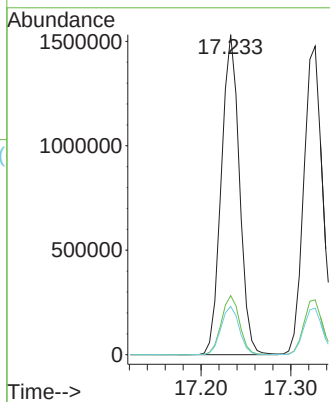
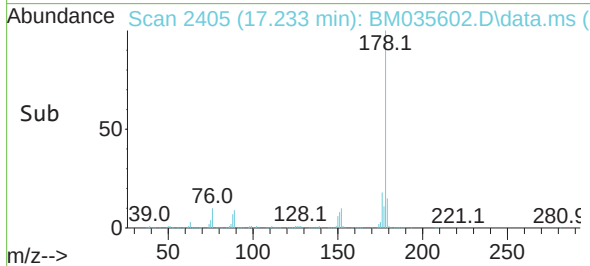
Instrument :
BNA_M
ClientSampleId :
PB145755BS



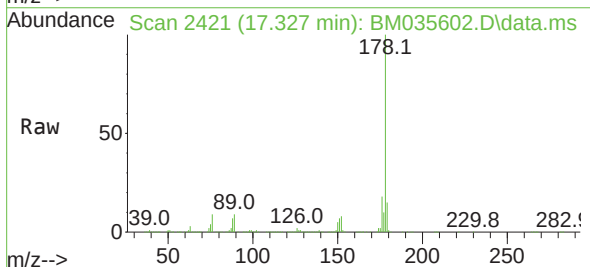
Tgt Ion:178 Resp: 2152590
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.1 12.4 18.6

Manual Integrations
APPROVED

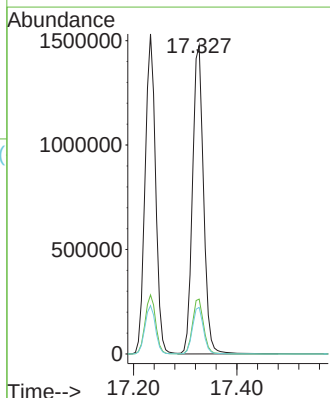
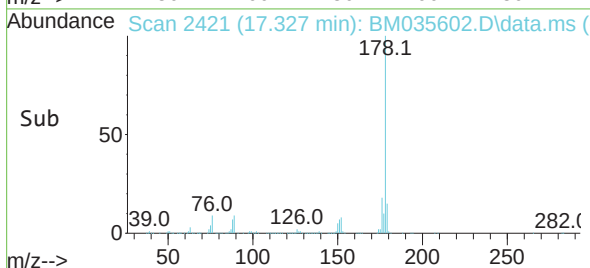
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

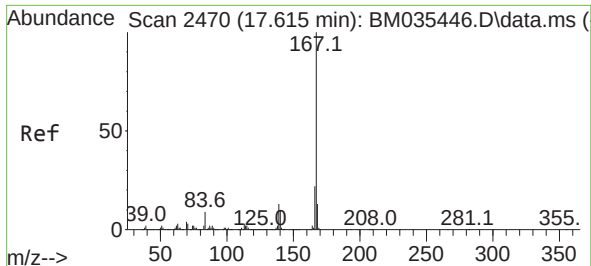


#72
Anthracene
Concen: 51.948 ng
RT: 17.327 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



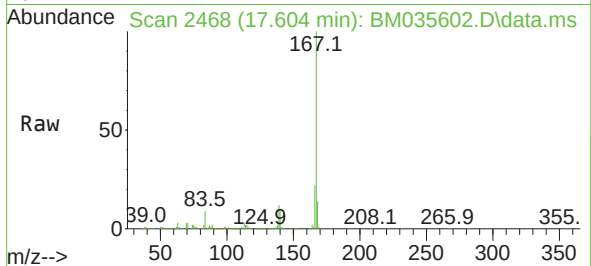
Tgt Ion:178 Resp: 2181783
Ion Ratio Lower Upper
178 100
176 17.8 15.0 22.4
179 15.1 12.2 18.2





#73
 Carbazole
 Concen: 46.158 ng
 RT: 17.604 min Scan# 2470
 Delta R.T. 0.000 min
 Lab File: BM035602.D
 Acq: 22 Jun 2022 16:15

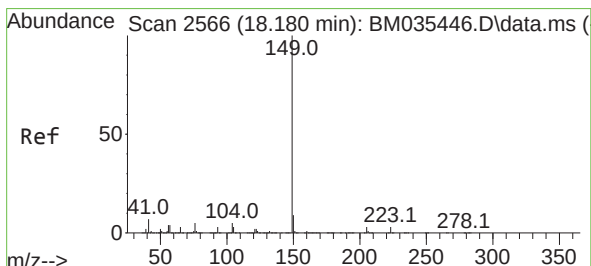
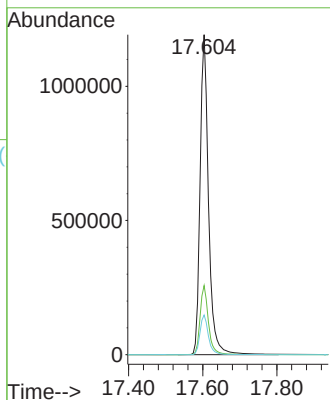
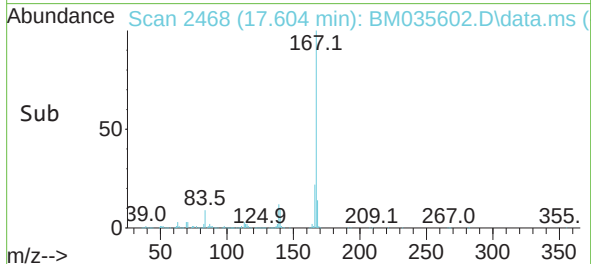
Instrument :
 BNA_M
 ClientSampleId :
 PB145755BS



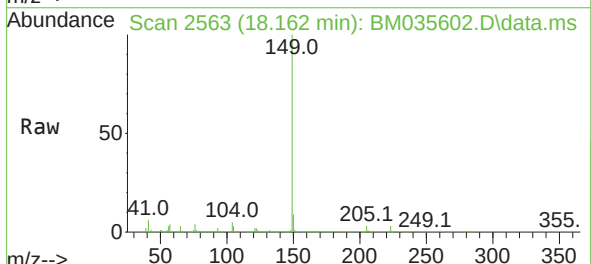
Tgt Ion:167 Resp: 1879720
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.8
 139 12.4 10.9 16.3

Manual Integrations
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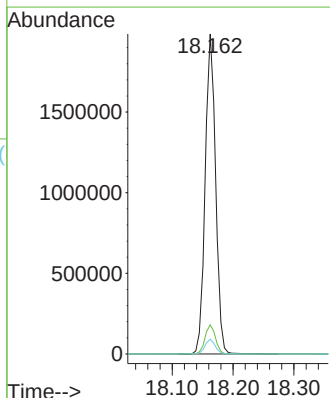
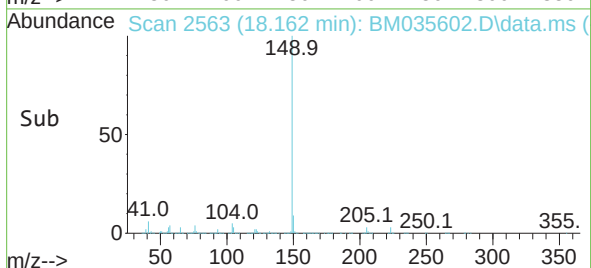
Reviewed By :Christian Giraldo 06/23/2022
 Supervised By :Jagrut Upadhyay 06/23/2022

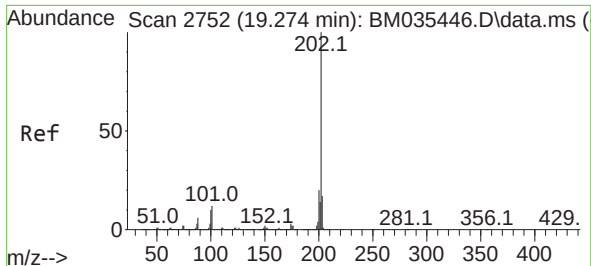


#74
 Di-n-butylphthalate
 Concen: 48.368 ng
 RT: 18.162 min Scan# 2563
 Delta R.T. 0.000 min
 Lab File: BM035602.D
 Acq: 22 Jun 2022 16:15



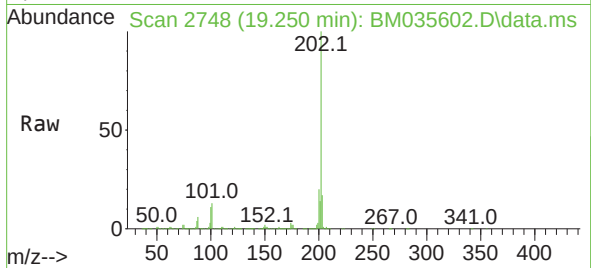
Tgt Ion:149 Resp: 2355863
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.6 4.3 6.5





#75
Fluoranthene
Concen: 48.557 ng
RT: 19.250 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

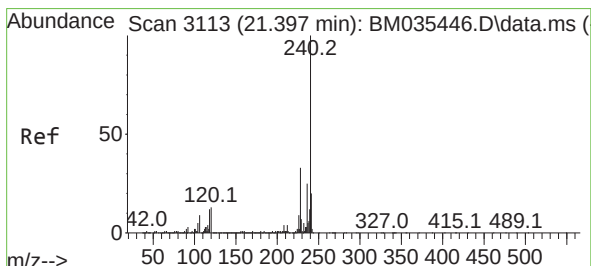
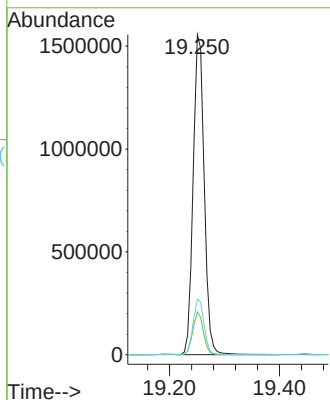
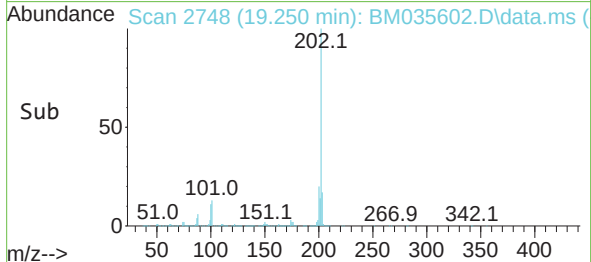
Instrument :
BNA_M
ClientSampleId :
PB145755BS



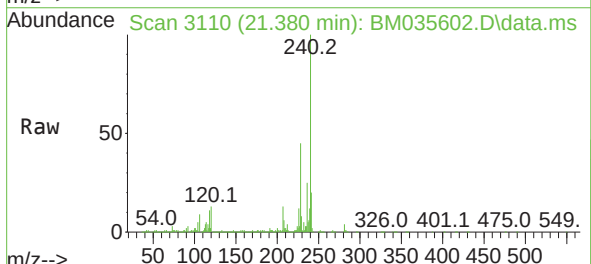
Tgt Ion:202 Resp: 2170438
Ion Ratio Lower Upper
202 100
101 13.4 0.0 30.6
203 17.4 0.0 37.4

Manual Integrations
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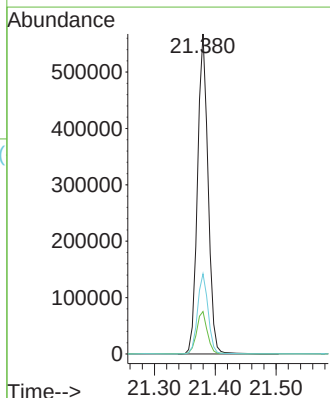
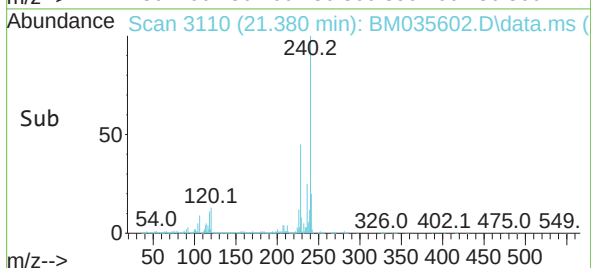
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

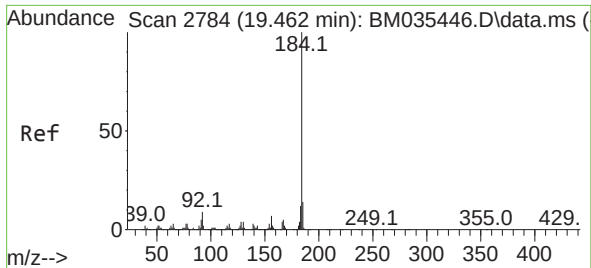


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



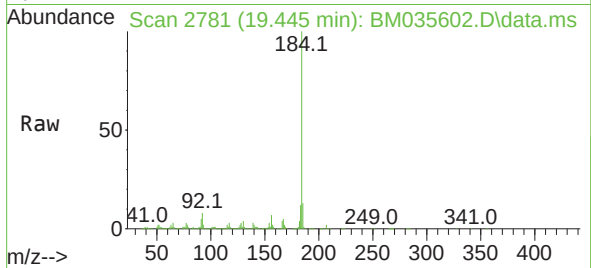
Tgt Ion:240 Resp: 683832
Ion Ratio Lower Upper
240 100
120 13.3 9.4 14.0
236 25.1 20.6 30.8





#77
Benzidine
Concen: 97.274 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

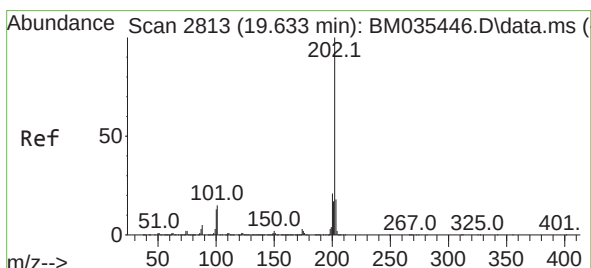
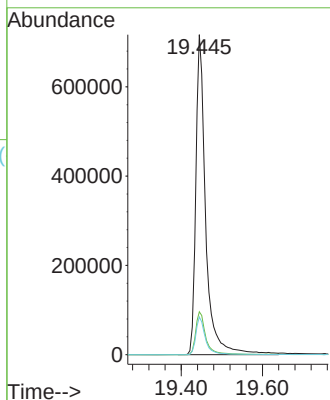
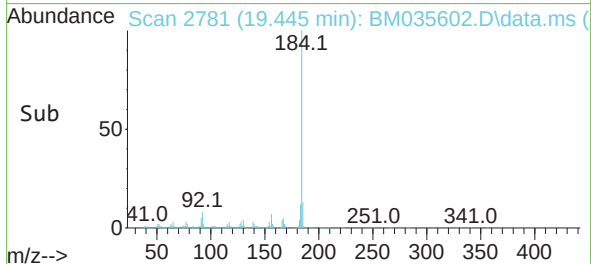
Instrument :
BNA_M
ClientSampleId :
PB145755BS



Tgt Ion:184 Resp: 122280
Ion Ratio Lower Upper
184 100
185 13.4 11.3 16.9
183 11.8 9.5 14.3

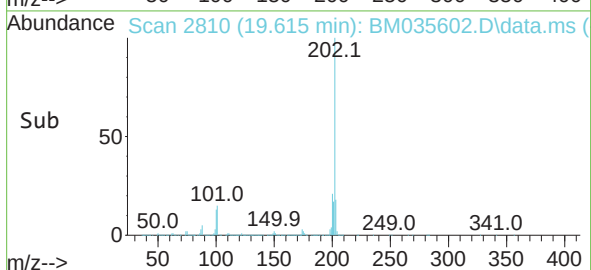
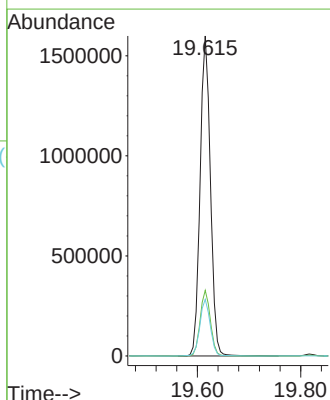
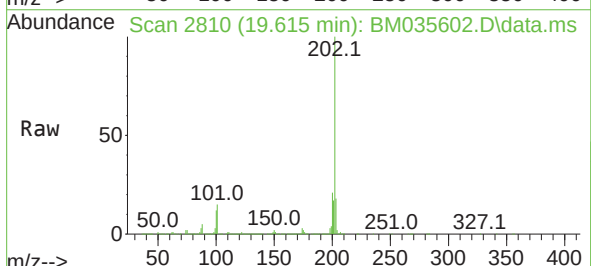
Manual Integrations
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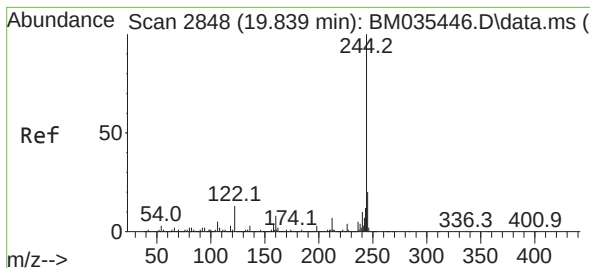
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#78
Pyrene
Concen: 46.081 ng
RT: 19.615 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Tgt Ion:202 Resp: 2211778
Ion Ratio Lower Upper
202 100
200 20.5 16.7 25.1
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 89.622 ng

RT: 19.815 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035602.D

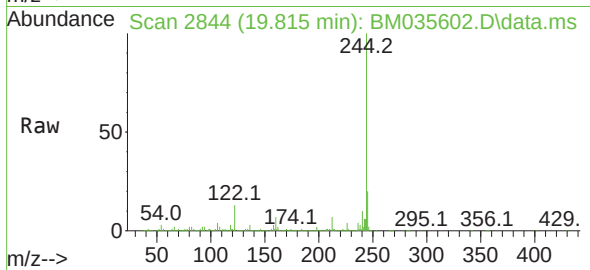
Acq: 22 Jun 2022 16:15

Instrument :

BNA_M

ClientSampleId :

PB145755BS



Tgt Ion:244 Resp: 3209810

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.4

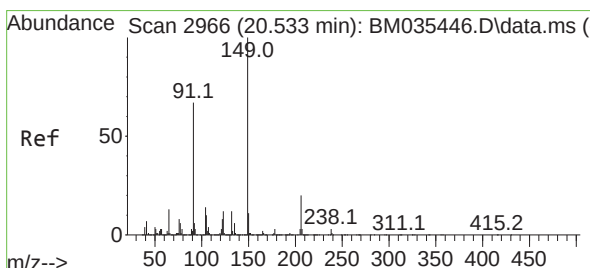
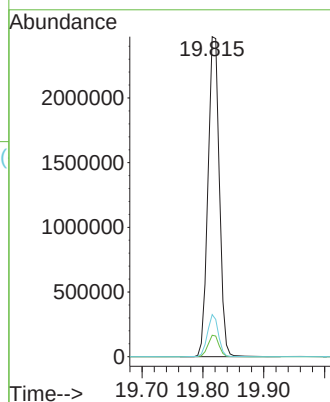
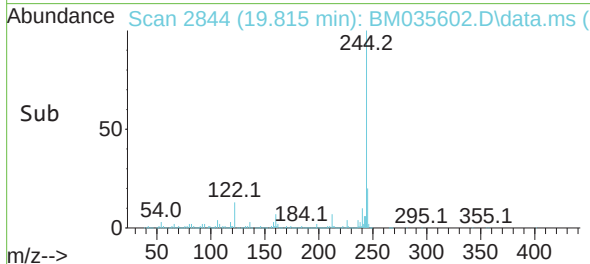
122 13.2 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 06/23/2022

Supervised By :Jagrut Upadhyay 06/23/2022



#80

Butylbenzylphthalate

Concen: 42.881 ng

RT: 20.515 min Scan# 2963

Delta R.T. 0.000 min

Lab File: BM035602.D

Acq: 22 Jun 2022 16:15

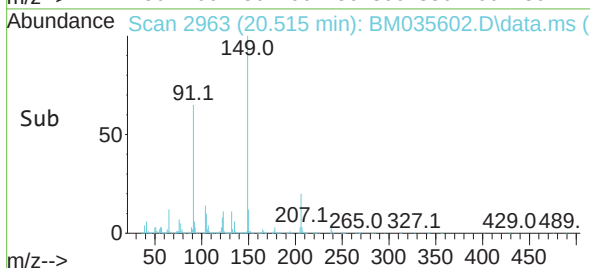
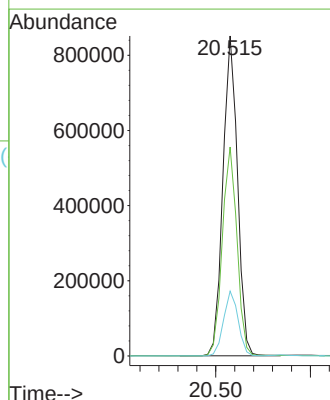
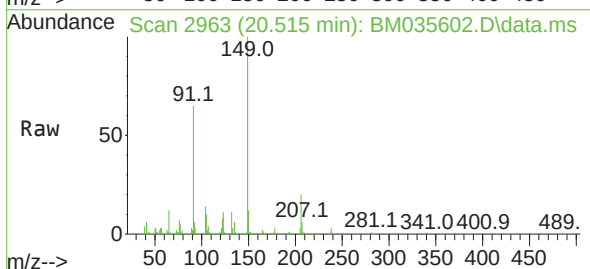
Tgt Ion:149 Resp: 911725

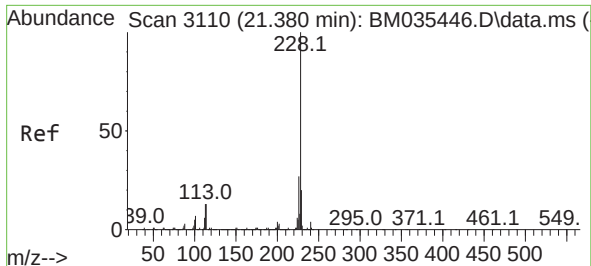
Ion Ratio Lower Upper

149 100

91 65.3 56.6 85.0

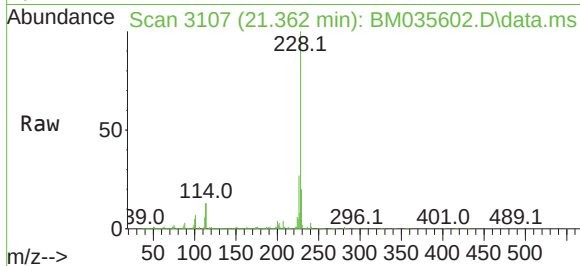
206 20.2 15.4 23.0





#81
Benzo(a)anthracene
Concen: 49.704 ng
RT: 21.362 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

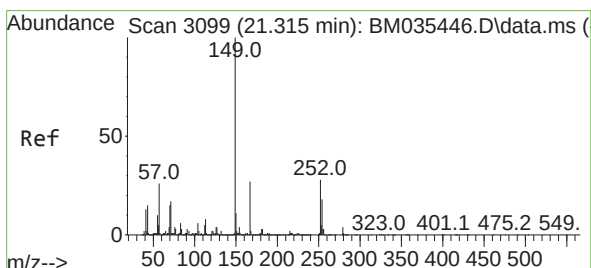
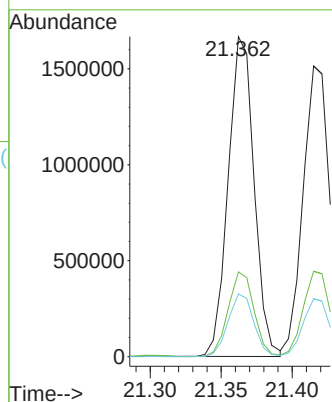
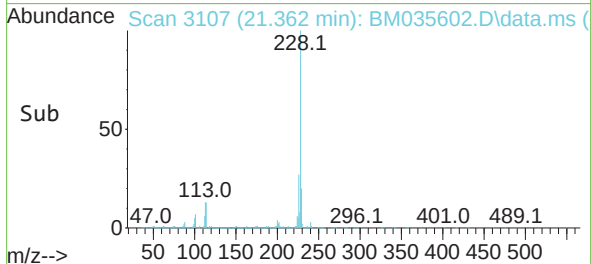
Instrument :
BNA_M
ClientSampleId :
PB145755BS



Tgt Ion:228 Resp: 2117470
Ion Ratio Lower Upper
228 100
226 26.5 22.3 33.5
229 19.6 15.8 23.6

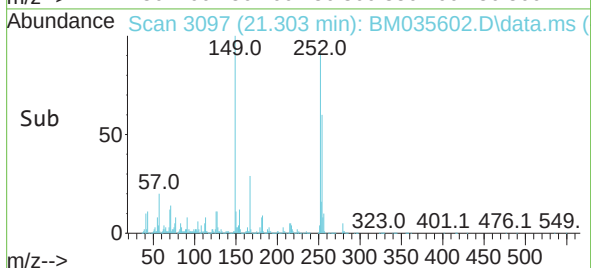
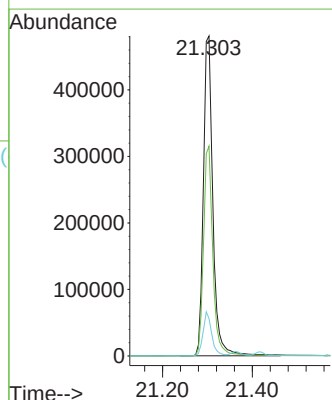
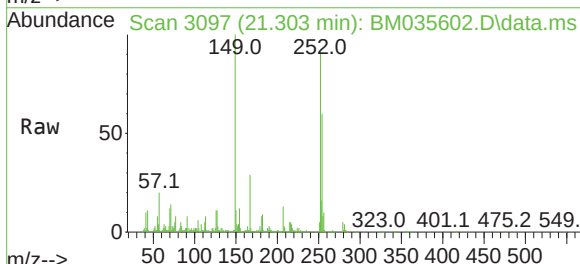
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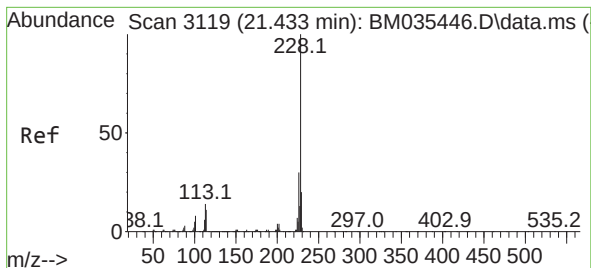
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 71.869 ng
RT: 21.303 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Tgt Ion:252 Resp: 704861
Ion Ratio Lower Upper
252 100
254 65.5 51.7 77.5
126 11.7 9.4 14.0





#83

Chrysene

Concen: 49.169 ng

RT: 21.415 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BM035602.D

Acq: 22 Jun 2022 16:15

Instrument :

BNA_M

ClientSampleId :

PB145755BS

Tgt Ion:228 Resp: 2023290

Ion Ratio Lower Upper

228 100

226 29.4 24.4 36.6

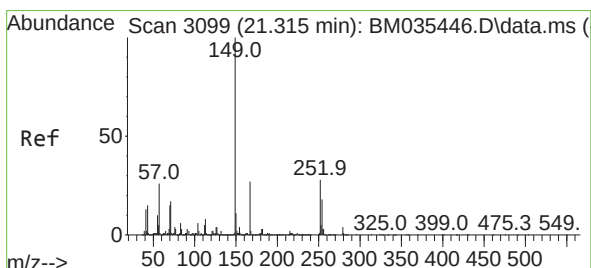
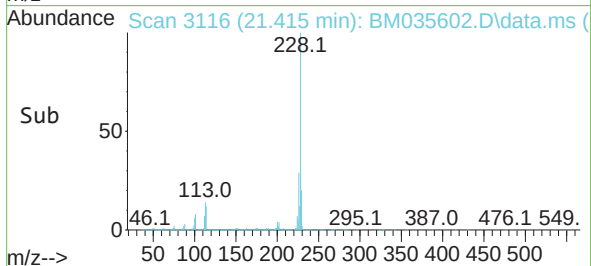
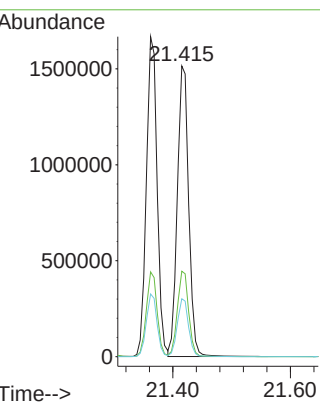
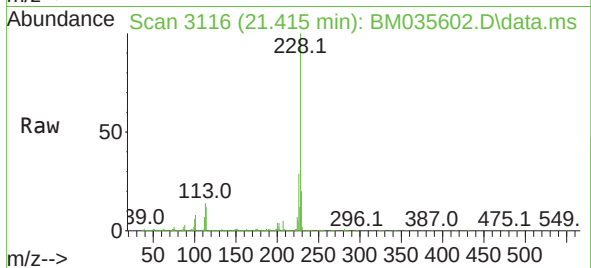
229 19.9 15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 06/23/2022

Supervised By :Jagrut Upadhyay 06/23/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.581 ng

RT: 21.292 min Scan# 3095

Delta R.T. 0.000 min

Lab File: BM035602.D

Acq: 22 Jun 2022 16:15

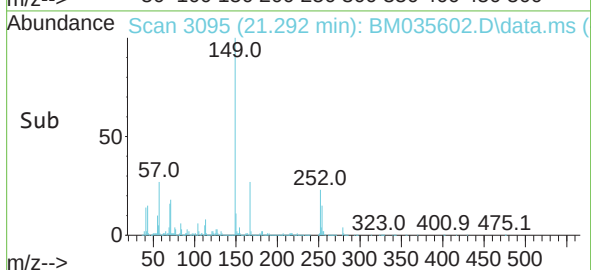
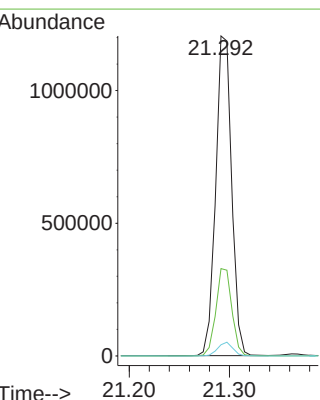
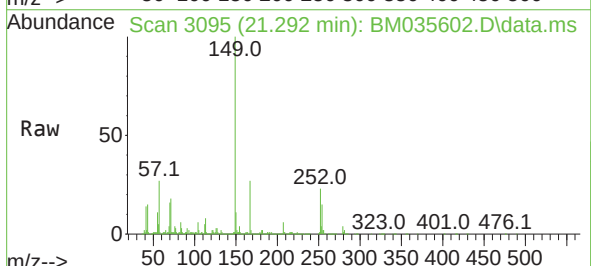
Tgt Ion:149 Resp: 1328940

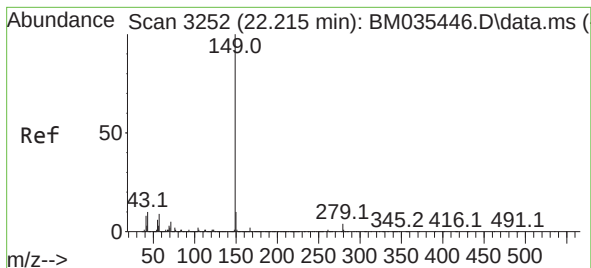
Ion Ratio Lower Upper

149 100

167 27.3 21.1 31.7

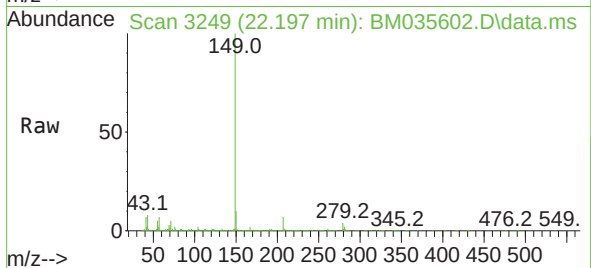
279 3.5 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 45.496 ng
RT: 22.197 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

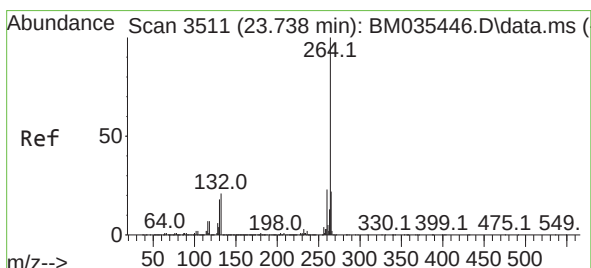
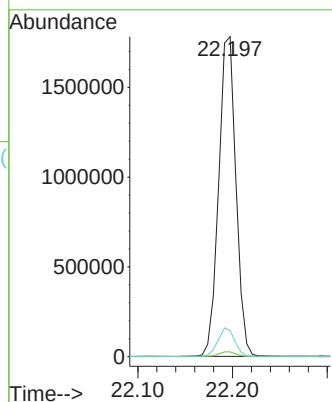
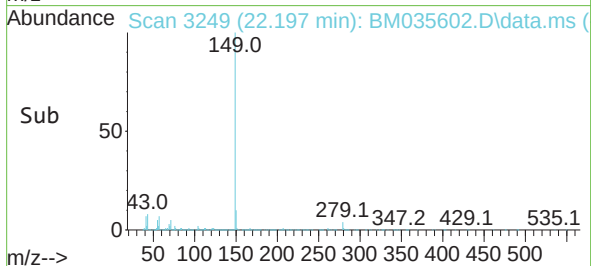
Instrument :
BNA_M
ClientSampleId :
PB145755BS



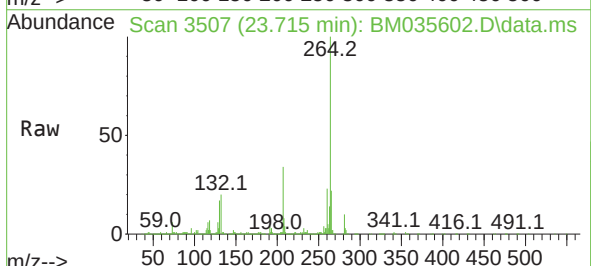
Tgt Ion:149 Resp: 225398
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.7 8.6 12.8

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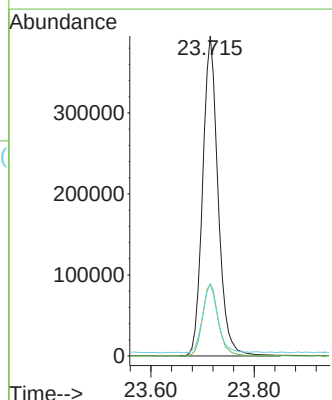
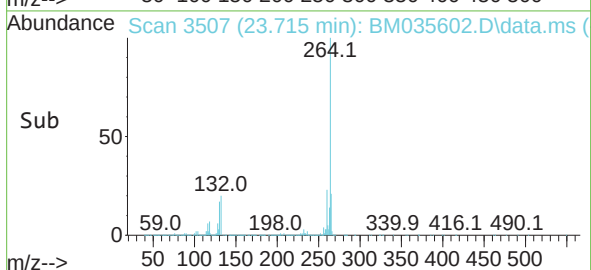
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

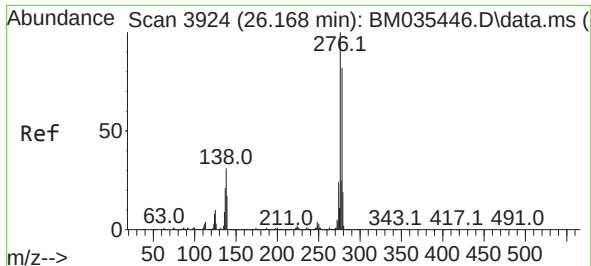


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3507
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15



Tgt Ion:264 Resp: 816505
Ion Ratio Lower Upper
264 100
260 22.5 18.9 28.3
265 22.4 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.374 ng
RT: 26.126 min Scan# 3917
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Instrument :

BNA_M

ClientSampleId :

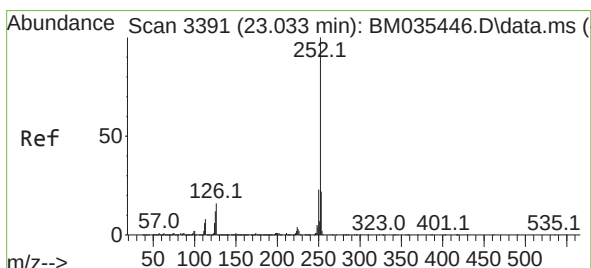
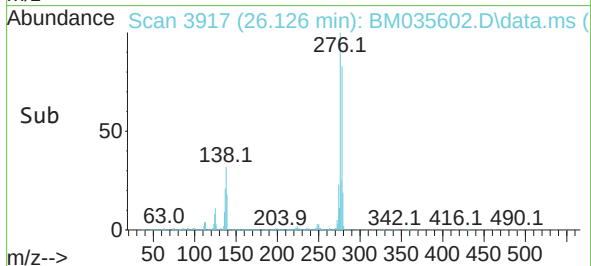
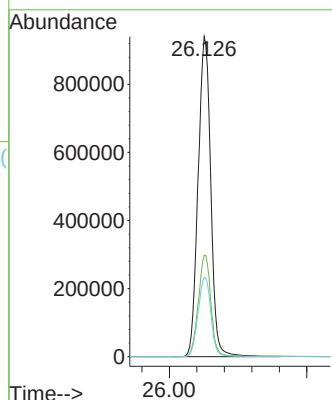
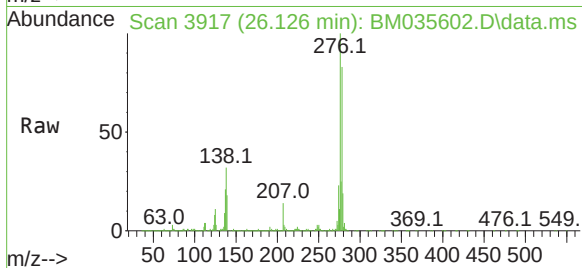
PB145755BS

Tgt Ion:276 Resp: 301064
Ion Ratio Lower Upper
276 100
138 31.6 20.2 30.4
277 25.1 20.2 30.2

Manual Integrations

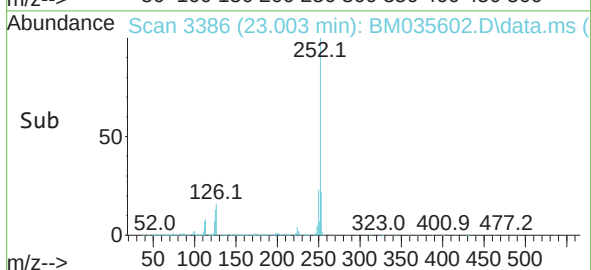
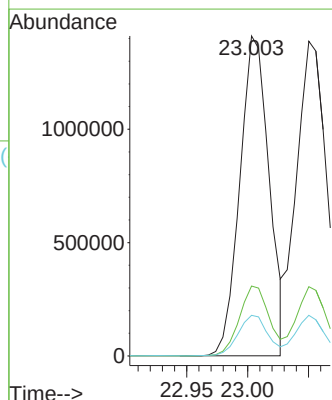
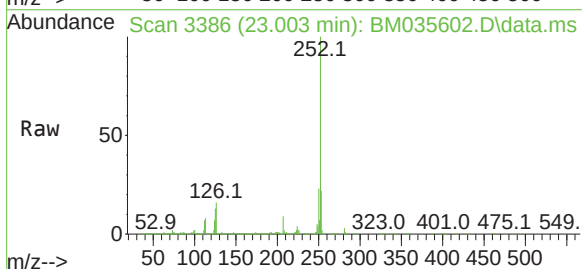
APPROVED

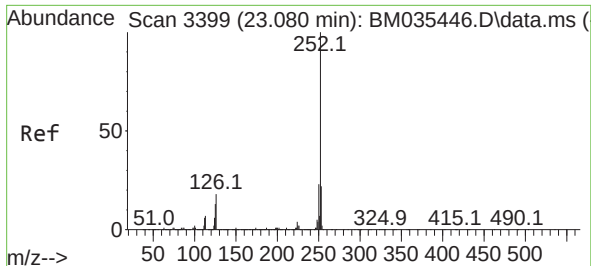
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#88
Benzo(b)fluoranthene
Concen: 49.134 ng
RT: 23.003 min Scan# 3386
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Tgt Ion:252 Resp: 2363085
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 12.7 7.6 11.4





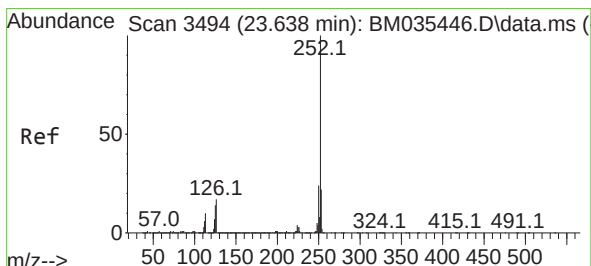
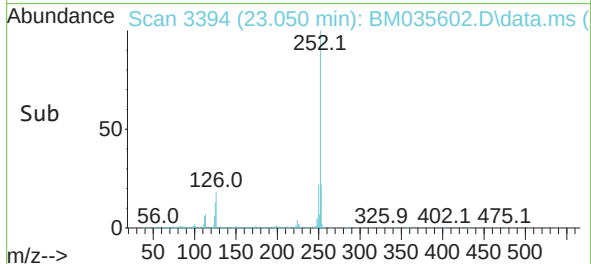
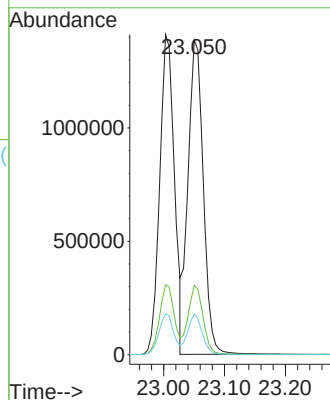
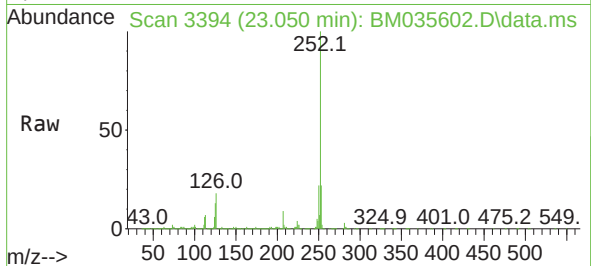
#89
Benzo(k)fluoranthene
Concen: 49.931 ng
RT: 23.050 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Instrument :
BNA_M
ClientSampleId :
PB145755BS

Tgt Ion:252 Resp: 243114
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 12.9 7.6 11.4

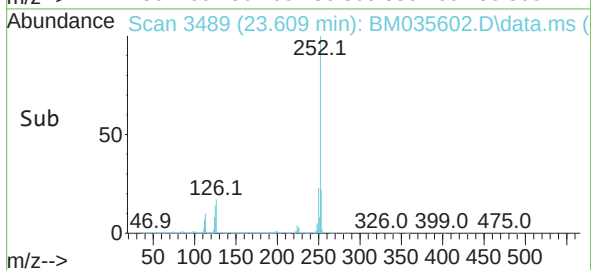
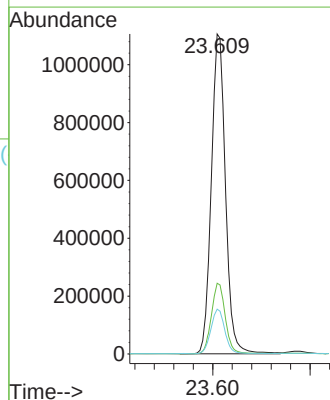
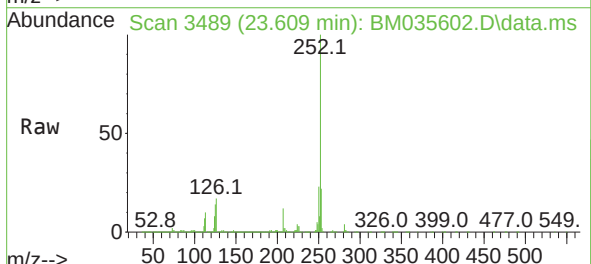
Manual Integrations
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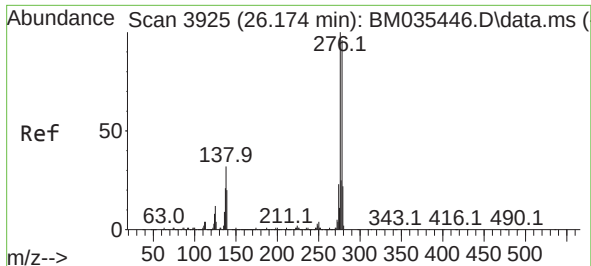
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#90
Benzo(a)pyrene
Concen: 54.762 ng
RT: 23.609 min Scan# 3489
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Tgt Ion:252 Resp: 2222062
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 14.0 8.7 13.1





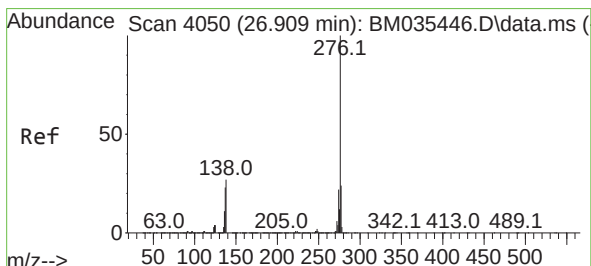
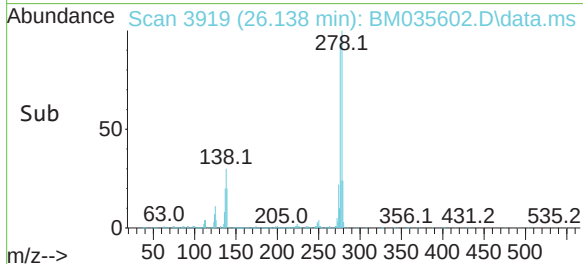
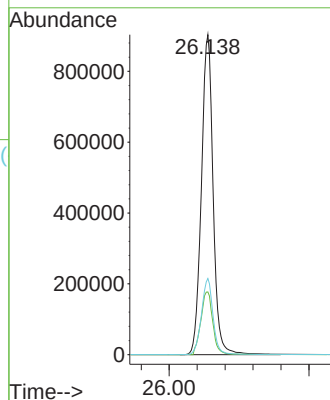
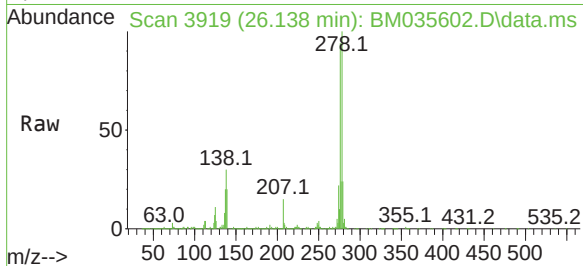
#91
Dibenzo(a,h)anthracene
Concen: 56.412 ng
RT: 26.138 min Scan# 3925
Delta R.T. 0.006 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Instrument :
BNA_M
ClientSampleId :
PB145755BS

Tgt Ion:278 Resp: 263236
Ion Ratio Lower Upper
278 100
139 19.6 12.9 19.3
279 23.8 18.7 28.1

Manual Integrations
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Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#92
Benzo(g,h,i)perylene
Concen: 57.669 ng
RT: 26.868 min Scan# 4043
Delta R.T. 0.000 min
Lab File: BM035602.D
Acq: 22 Jun 2022 16:15

Tgt Ion:276 Resp: 2676760
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 26.1 17.6 26.4

