

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
 Data File : BM035886.D
 Acq On : 21 Jul 2022 12:46
 Operator : CG/JU
 Sample : PB146339BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB146339BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/22/2022
 Supervised By : Jagrut Upadhyay 07/22/2022

Quant Time: Jul 22 01:07:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 18 17:08:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	413310	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1827989	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	1065751	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	2017990	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1576902	20.000	ng	0.00
86) Perylene-d12	23.821	264	1311283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	3536767	132.662	ng	0.00
7) Phenol-d6	7.069	99	4477321	133.553	ng	0.00
23) Nitrobenzene-d5	9.069	82	2722406	79.653	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	1587700	133.185	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	6150670	81.577	ng	0.00
79) Terphenyl-d14	19.892	244	8304120	102.460	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	285298	25.890	ng	94
3) Pyridine	3.722	79	866589	29.590	ng	89
4) n-Nitrosodimethylamine	3.640	42	470405	38.434	ng	# 66
6) Aniline	7.222	93	1712475	46.515	ng	96
8) 2-Chlorophenol	7.457	128	1250142	45.379	ng	97
9) Benzaldehyde	7.034	77	664765	35.295	ng	96
10) Phenol	7.093	94	1596028	47.271	ng	92
11) bis(2-Chloroethyl)ether	7.328	93	1164641	42.752	ng	96
12) 1,3-Dichlorobenzene	7.787	146	1216661	39.595	ng	97
13) 1,4-Dichlorobenzene	7.934	146	1252041	40.018	ng	99
14) 1,2-Dichlorobenzene	8.251	146	1218926	40.281	ng	98
15) Benzyl Alcohol	8.145	79	1028152m	46.545	ng	
16) 2,2'-oxybis(1-Chloropr...	8.434	45	1579637	44.538	ng	97
17) 2-Methylphenol	8.345	107	1046197	47.728	ng	96
18) Hexachloroethane	8.981	117	464386	41.259	ng	96
19) n-Nitroso-di-n-propyla...	8.716	70	912661	46.957	ng	88
20) 3+4-Methylphenols	8.675	107	1402900	47.355	ng	97
22) Acetophenone	8.728	105	1837381	40.670	ng	# 92
24) Nitrobenzene	9.110	77	1329332	41.410	ng	97
25) Isophorone	9.639	82	2522139	47.172	ng	98
26) 2-Nitrophenol	9.816	139	609768	42.167	ng	94
27) 2,4-Dimethylphenol	9.881	122	1170428	51.310	ng	98
28) bis(2-Chloroethoxy)met...	10.122	93	1570310	42.197	ng	99
29) 2,4-Dichlorophenol	10.351	162	1144212	45.241	ng	100
30) 1,2,4-Trichlorobenzene	10.563	180	1114712	38.191	ng	98
31) Naphthalene	10.757	128	3770356	40.594	ng	99
32) Benzoic acid	10.039	122	746504	43.271	ng	93
33) 4-Chloroaniline	10.869	127	1329262	35.775	ng	95
34) Hexachlorobutadiene	11.039	225	640649	38.244	ng	99
35) Caprolactam	11.663	113	356044m	46.032	ng	
36) 4-Chloro-3-methylphenol	11.992	107	1217976	46.965	ng	100
37) 2-Methylnaphthalene	12.363	142	2634554	43.604	ng	97
38) 1-Methylnaphthalene	12.580	142	2521375	42.872	ng	100
40) 1,2,4,5-Tetrachloroben...	12.727	216	1234002	40.527	ng	98
41) Hexachlorocyclopentadiene	12.710	237	1717906	104.676	ng	98
43) 2,4,6-Trichlorophenol	12.969	196	863413	42.899	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	934768	44.048	ng	98
46) 1,1'-Biphenyl	13.374	154	3375651	41.637	ng	99
47) 2-Chloronaphthalene	13.416	162	2569538	41.236	ng	99
48) 2-Nitroaniline	13.621	65	769123	44.792	ng	91
49) Acenaphthylene	14.257	152	4169367	43.454	ng	100
50) Dimethylphthalate	14.004	163	3073396	43.812	ng	99
51) 2,6-Dinitrotoluene	14.116	165	686550	46.804	ng	93
52) Acenaphthene	14.598	154	2454999	42.712	ng	100
53) 3-Nitroaniline	14.445	138	617726	34.977	ng	94
54) 2,4-Dinitrophenol	14.645	184	708650	98.042	ng	91
55) Dibenzofuran	14.933	168	3831726	41.609	ng	99
56) 4-Nitrophenol	14.751	139	1306765	94.303	ng	88
57) 2,4-Dinitrotoluene	14.898	165	928892	48.389	ng	98
58) Fluorene	15.580	166	3167884	43.813	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.151	232	755943	44.316	ng	98
60) Diethylphthalate	15.363	149	3106054	44.685	ng	99
61) 4-Chlorophenyl-phenyle...	15.574	204	1522074	43.265	ng	97
62) 4-Nitroaniline	15.604	138	784364	43.374	ng	92
63) Azobenzene	15.868	77	3096639	43.387	ng	94
65) 4,6-Dinitro-2-methylph...	15.657	198	415843	41.037	ng	94
66) n-Nitrosodiphenylamine	15.792	169	2655244	44.810	ng	99
67) 4-Bromophenyl-phenylether	16.468	248	893280	44.034	ng	94
68) Hexachlorobenzene	16.574	284	1049681	44.574	ng	91
69) Atrazine	16.739	200	864569	55.525	ng	98
70) Pentachlorophenol	16.915	266	1279784	97.937	ng	100
71) Phenanthrene	17.315	178	4650733	43.809	ng	99
72) Anthracene	17.404	178	4688777	45.440	ng	99
73) Carbazole	17.674	167	4330007	41.368	ng	100
74) Di-n-butylphthalate	18.245	149	4926117	46.223	ng	99
75) Fluoranthene	19.321	202	4957074	42.960	ng	97
77) Benzidine	19.515	184	2738631	98.918	ng	99
78) Pyrene	19.686	202	5082305	49.292	ng	98
80) Butylbenzylphthalate	20.592	149	1813945	49.284	ng	97
81) Benzo(a)anthracene	21.433	228	4435828	44.438	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	1272039	54.402	ng	100
83) Chrysene	21.486	228	4136251	43.424	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	2531121	48.790	ng	99
85) Di-n-octyl phthalate	22.292	149	3652549	44.379	ng	97
87) Indeno(1,2,3-cd)pyrene	26.297	276	3978830	41.529	ng	98
88) Benzo(b)fluoranthene	23.097	252	3897112	49.928	ng	98
89) Benzo(k)fluoranthene	23.150	252	3990822	49.406	ng	99
90) Benzo(a)pyrene	23.715	252	3367181	50.681	ng	98
91) Dibenzo(a,h)anthracene	26.315	278	3492847	43.871	ng	98
92) Benzo(g,h,i)perylene	27.062	276	3417568	43.527	ng	99

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

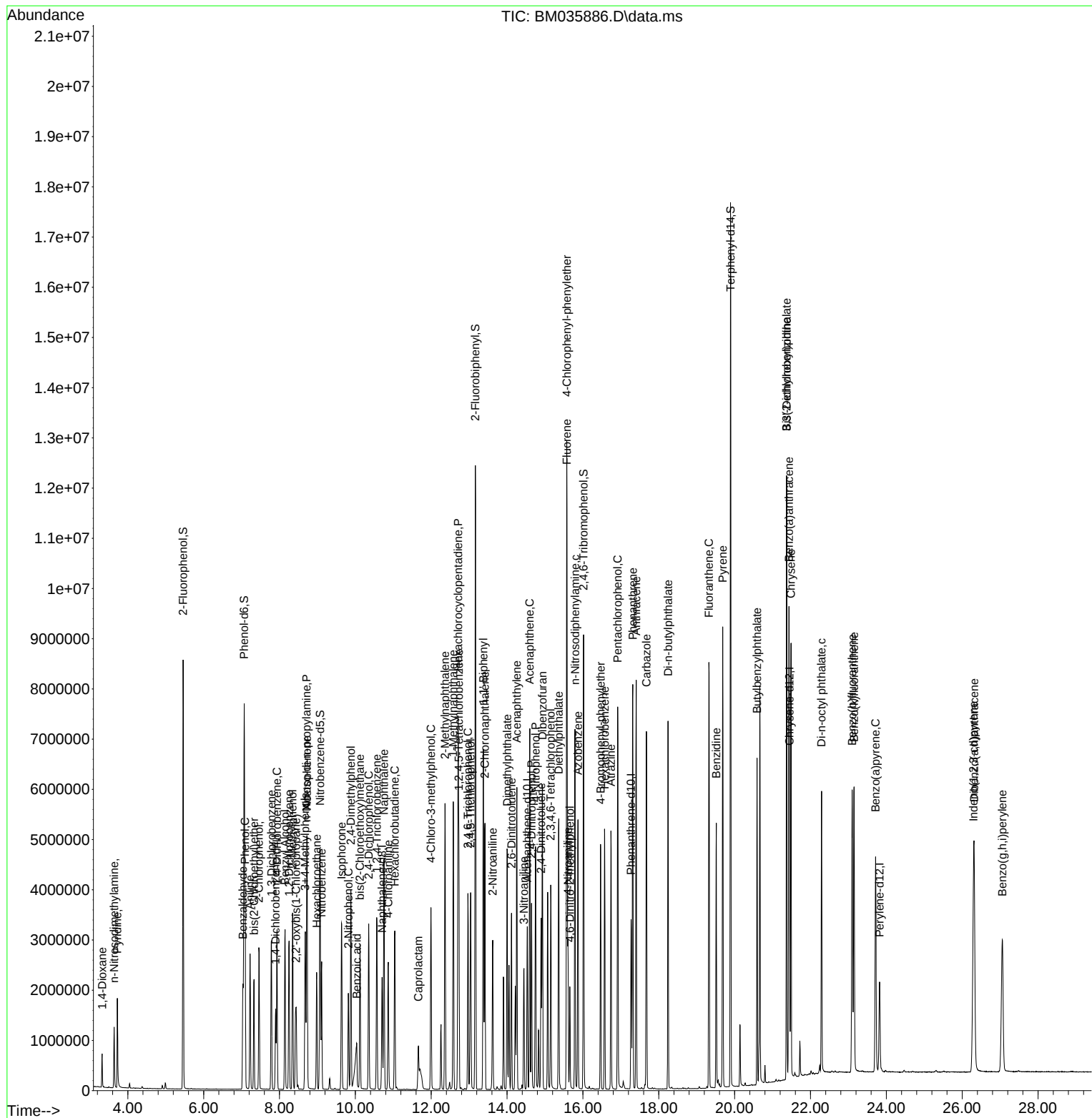
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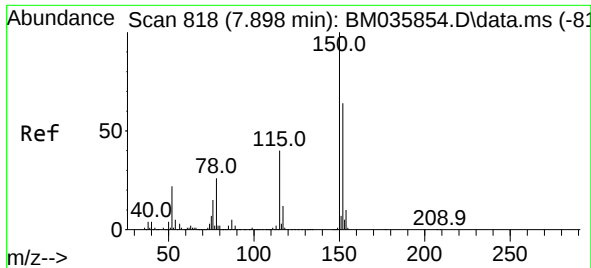
Instrument :
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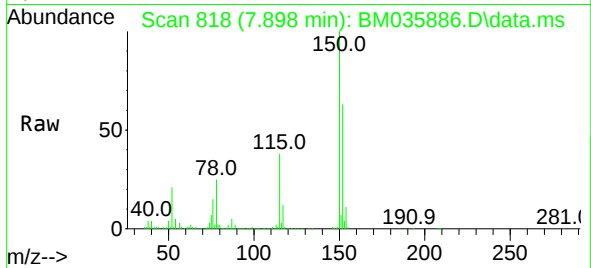
Reviewed By : Christian Giraldo 07/22/2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

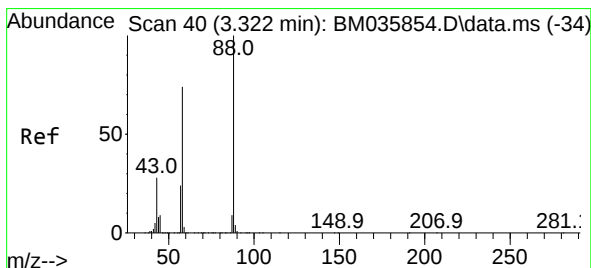
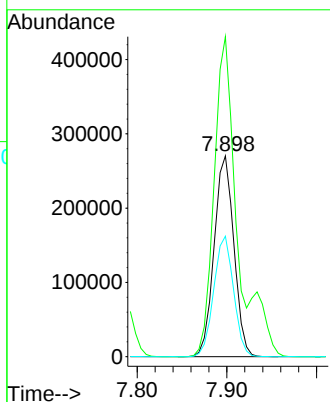
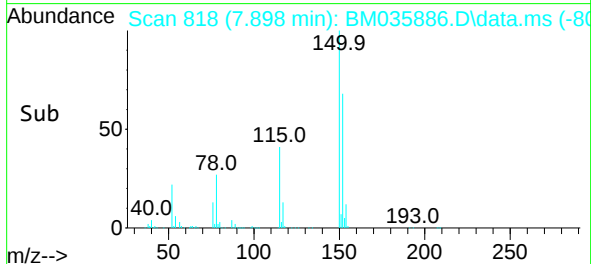
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BNA_M
ClientSampleId :
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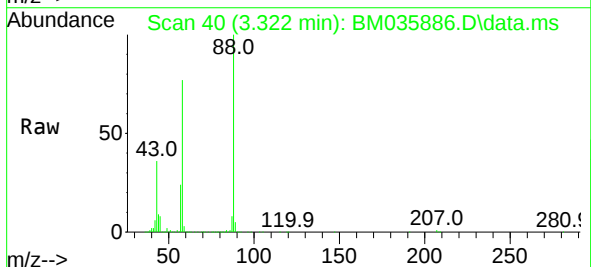
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Ion Ratio Lower Upper
152 100
150 159.3 124.9 187.3
115 60.0 47.9 71.9

Manual Integrations
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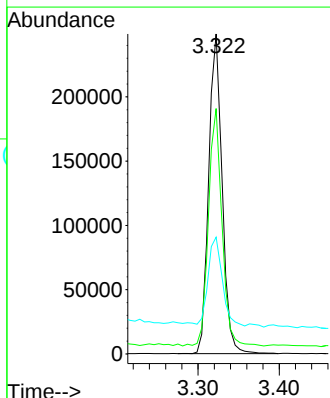
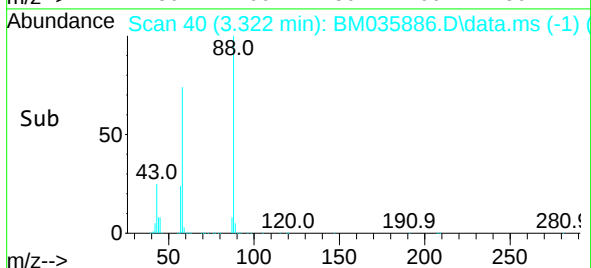
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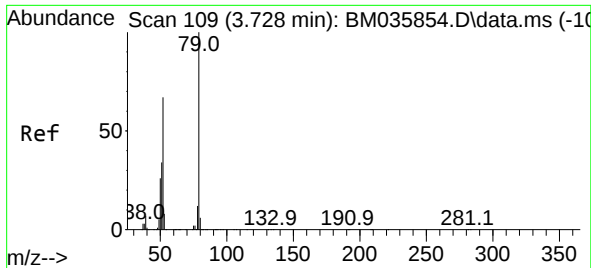


#2
1,4-Dioxane
Concen: 25.890 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



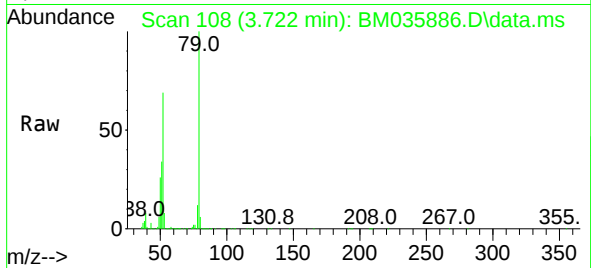
Tgt Ion: 88 Resp: 285298
Ion Ratio Lower Upper
88 100
58 74.6 62.3 93.5
43 29.1 28.7 43.1





#3
Pyridine
Concen: 29.590 ng
RT: 3.722 min Scan# 109
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

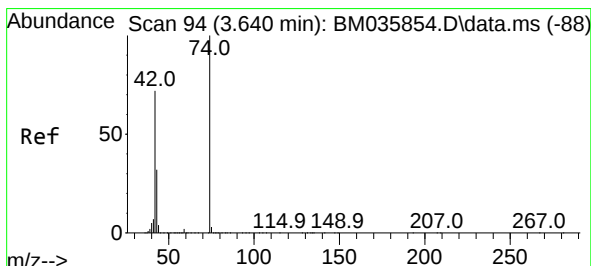
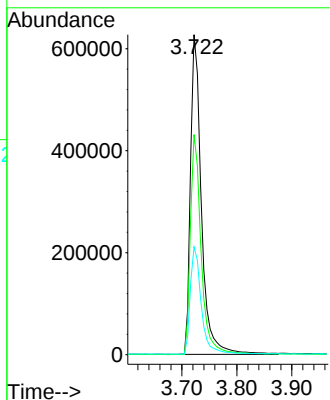
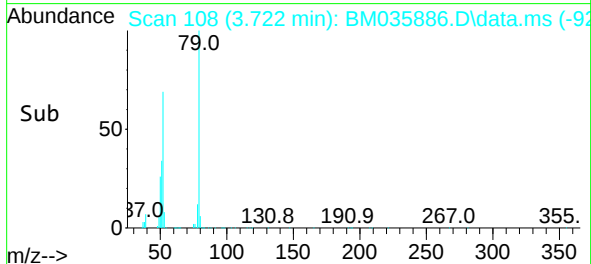
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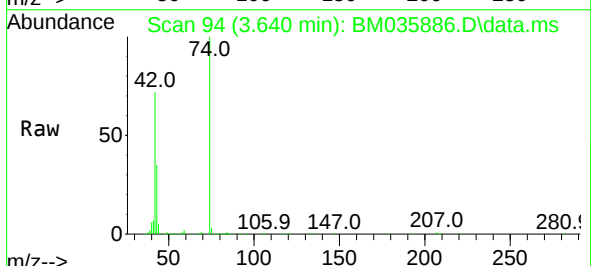
Tgt Ion: 79 Resp: 866589
Ion Ratio Lower Upper
79 100
52 68.8 61.9 92.9
51 33.7 33.5 50.3

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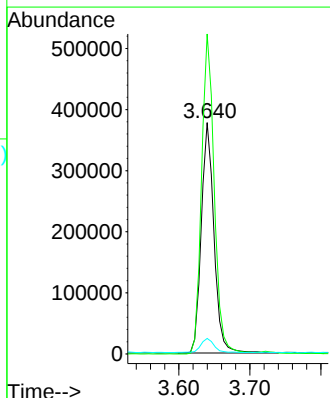
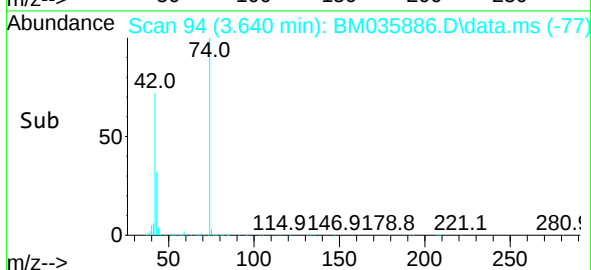
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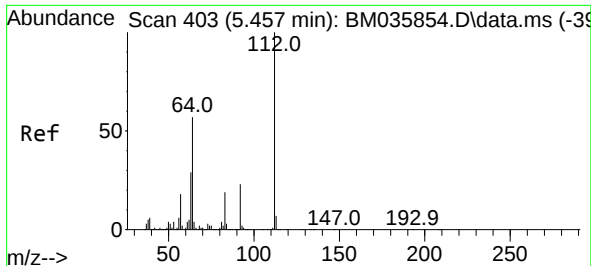


#4
n-Nitrosodimethylamine
Concen: 38.434 ng
RT: 3.640 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



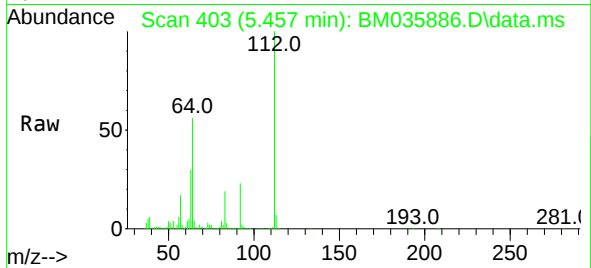
Tgt Ion: 42 Resp: 470405
Ion Ratio Lower Upper
42 100
74 138.3 81.6 122.4
44 6.7 5.2 7.8





#5
2-Fluorophenol
Concen: 132.662 ng
RT: 5.457 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

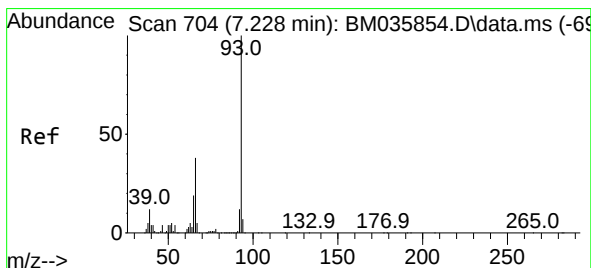
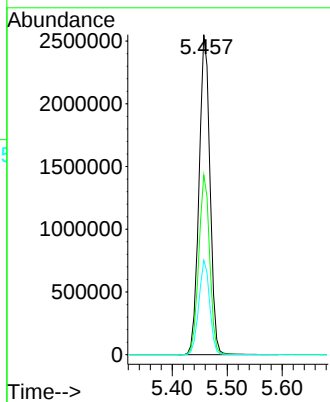
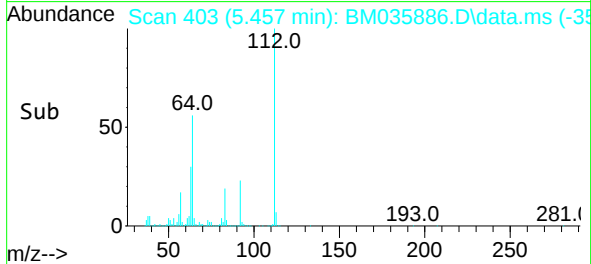
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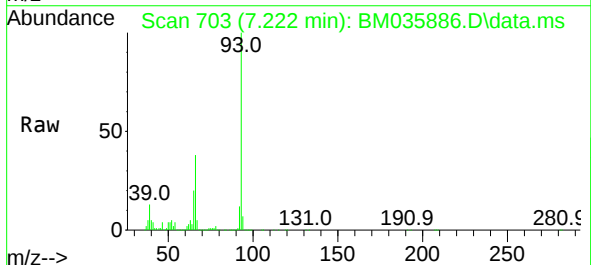
Tgt Ion:112 Resp: 353676
Ion Ratio Lower Upper
112 100
64 56.2 47.8 71.6
63 29.5 26.6 40.0

Manual Integrations
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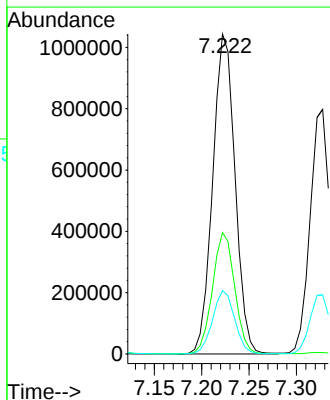
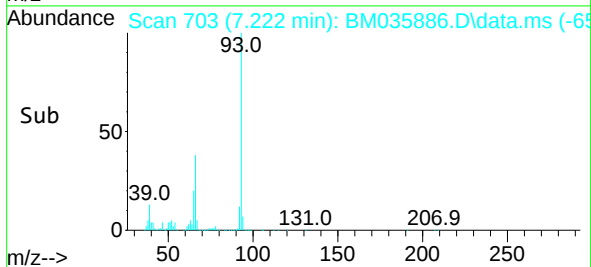
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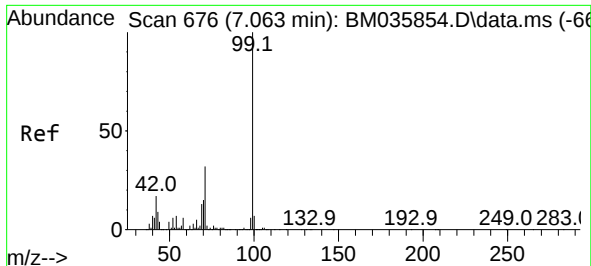


#6
Aniline
Concen: 46.515 ng
RT: 7.222 min Scan# 703
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



Tgt Ion: 93 Resp: 1712475
Ion Ratio Lower Upper
93 100
66 37.9 32.6 49.0
65 19.8 16.8 25.2





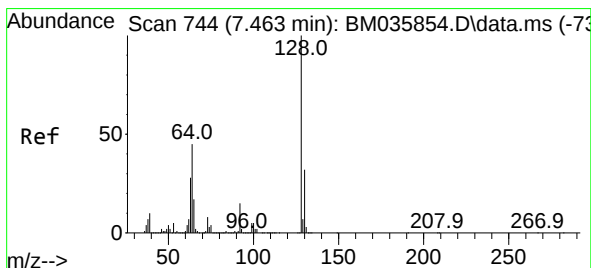
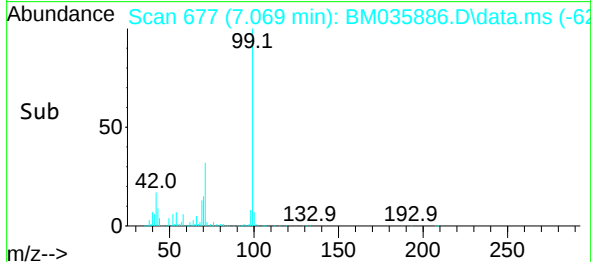
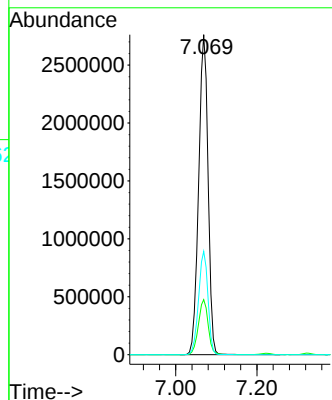
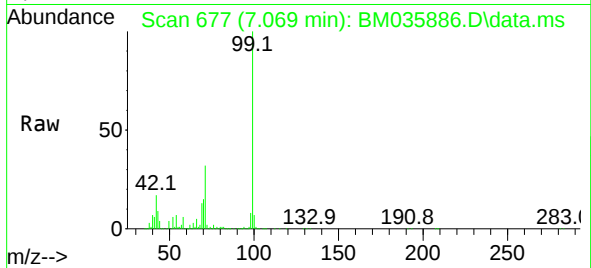
#7
Phenol-d6
Concen: 133.553 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

Instrument :
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Tgt Ion: 99 Resp: 447732
Ion Ratio Lower Upper
99 100
42 17.2 18.8 28.2
71 32.3 30.2 45.2

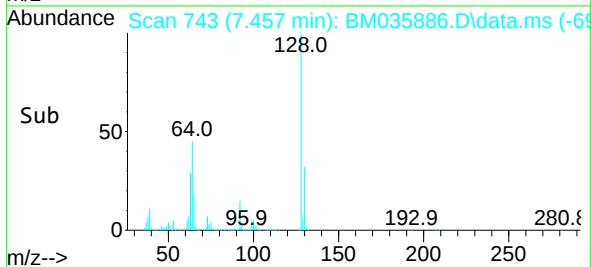
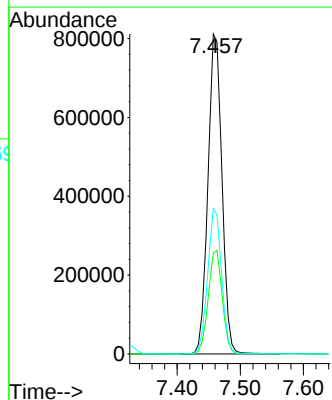
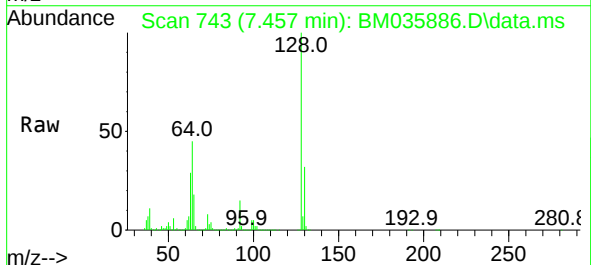
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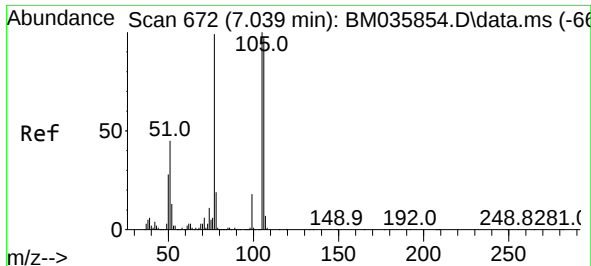
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#8
2-Chlorophenol
Concen: 45.379 ng
RT: 7.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

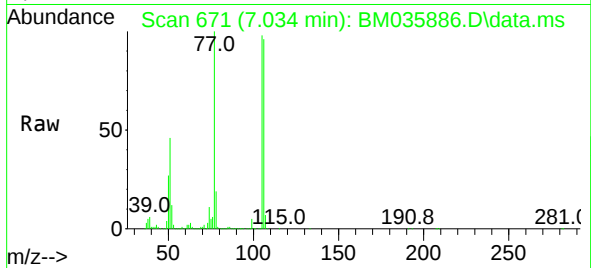
Tgt Ion:128 Resp: 1250142
Ion Ratio Lower Upper
128 100
130 31.6 10.9 50.9
64 45.5 28.2 68.2





#9
Benzaldehyde
Concen: 35.295 ng
RT: 7.034 min Scan# 671
Delta R.T. -0.006 min
Lab File: BM035886.D
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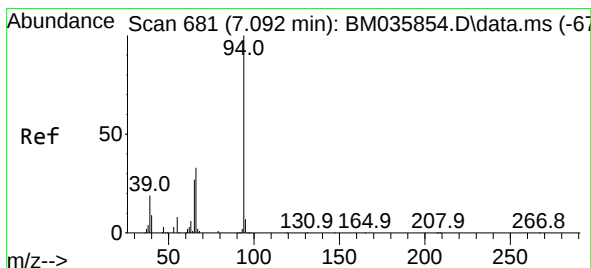
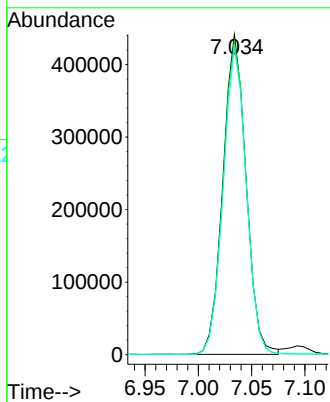
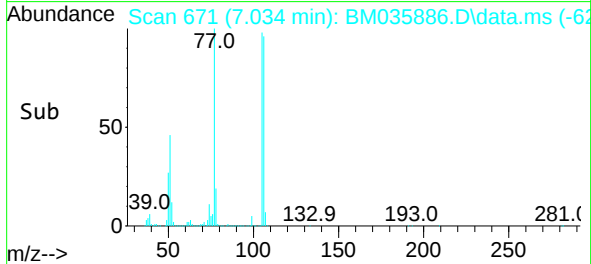
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Tgt Ion: 77 Resp: 664768
Ion Ratio Lower Upper
77 100
105 97.8 76.3 116.3
106 95.9 69.0 109.0

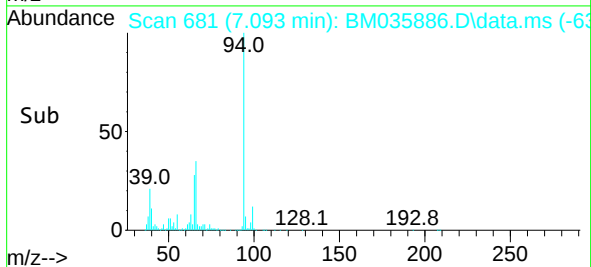
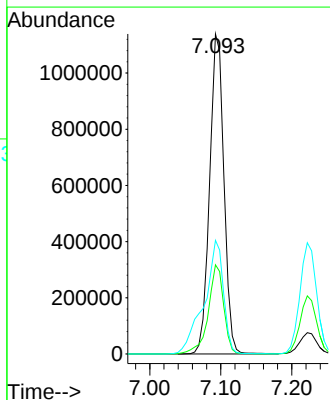
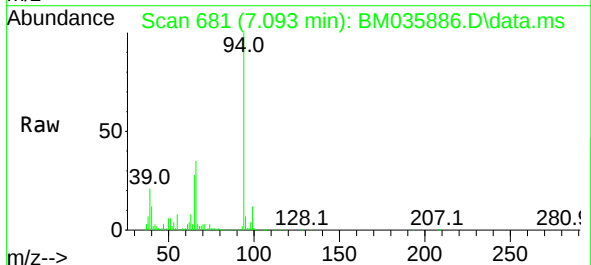
Manual Integrations
APPROVED

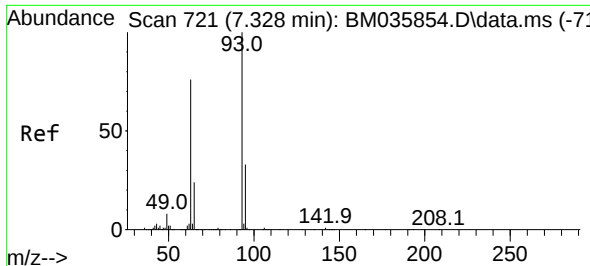
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#10
Phenol
Concen: 47.271 ng
RT: 7.093 min Scan# 681
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

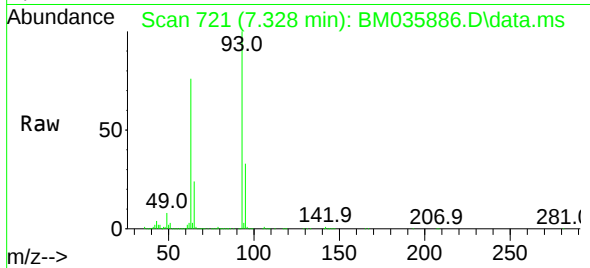
Tgt Ion: 94 Resp: 1596028
Ion Ratio Lower Upper
94 100
65 27.8 11.4 51.4
66 35.5 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 42.752 ng
RT: 7.328 min Scan# 721
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

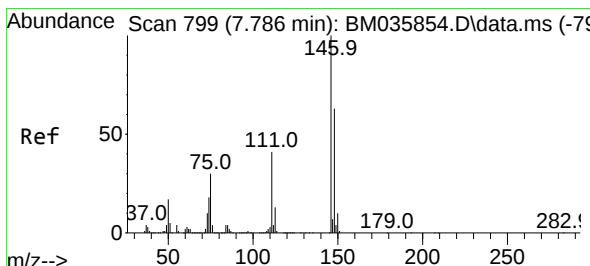
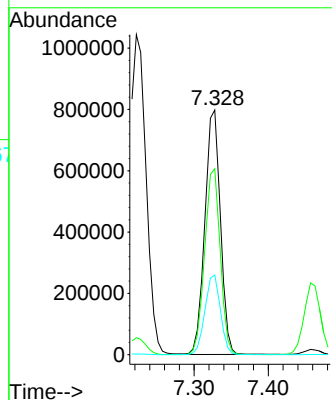
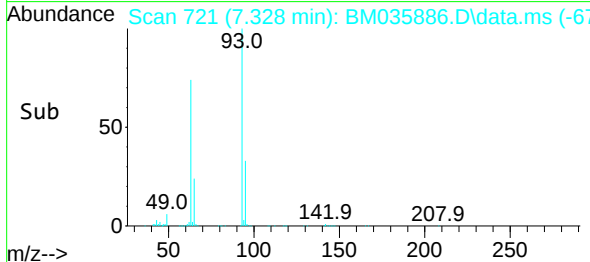
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



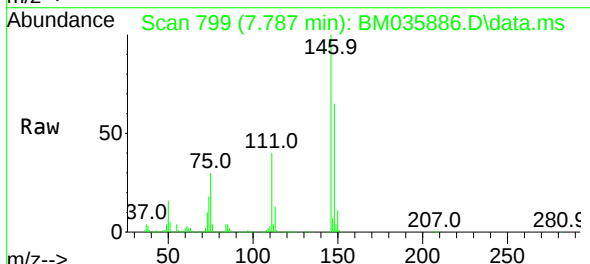
Tgt Ion: 93 Resp: 116464
Ion Ratio Lower Upper
93 100
63 76.0 60.6 100.6
95 32.6 13.2 53.2

Manual Integrations
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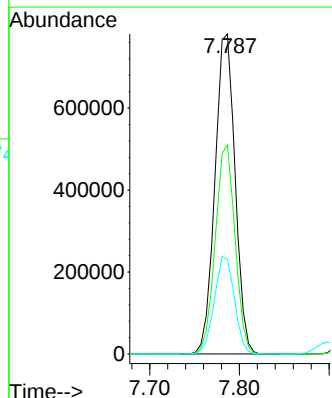
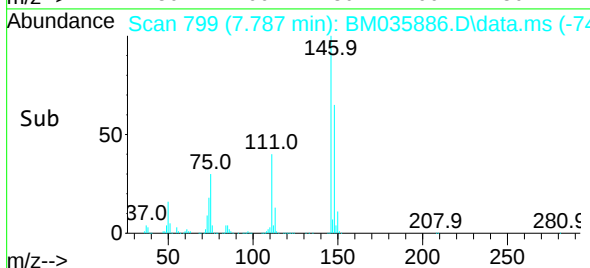
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

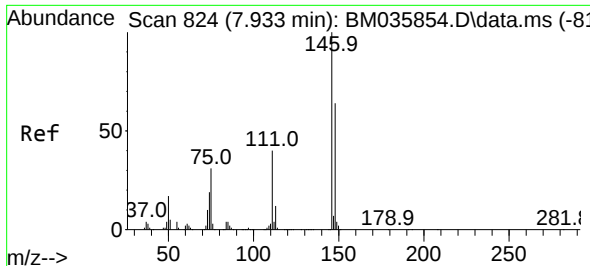


#12
1,3-Dichlorobenzene
Concen: 39.595 ng
RT: 7.787 min Scan# 799
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



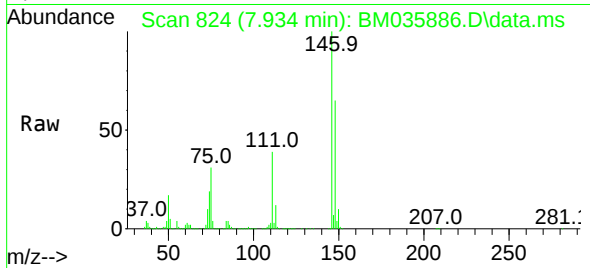
Tgt Ion:146 Resp: 1216661
Ion Ratio Lower Upper
146 100
148 65.4 50.7 76.1
75 29.6 26.1 39.1





#13
1,4-Dichlorobenzene
Concen: 40.018 ng
RT: 7.934 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

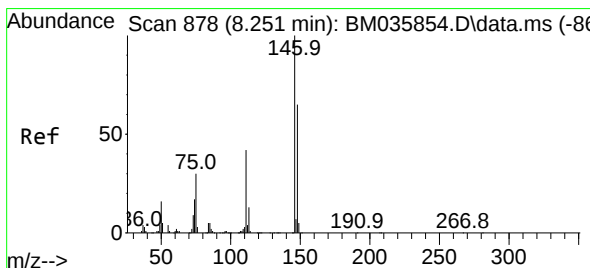
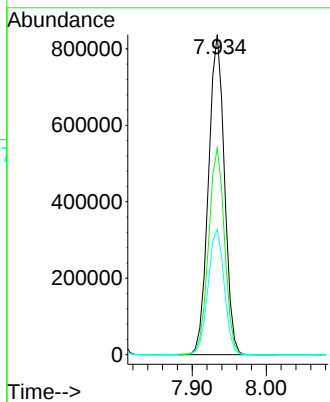
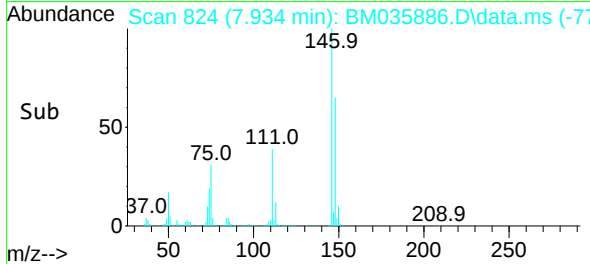
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



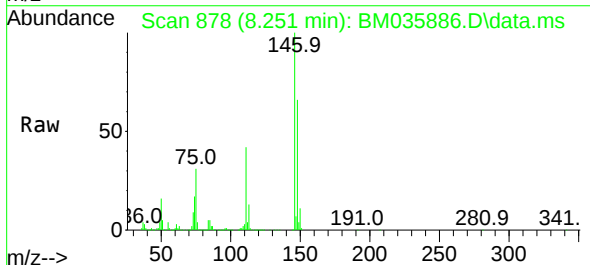
Tgt Ion:146 Resp: 125204
Ion Ratio Lower Upper
146 100
148 64.5 51.5 77.3
111 39.1 32.5 48.7

Manual Integrations
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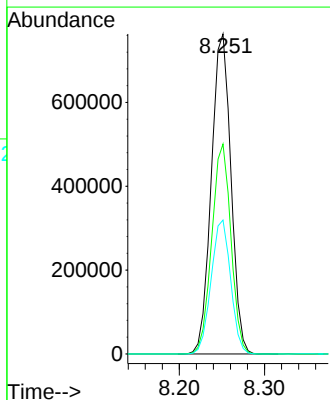
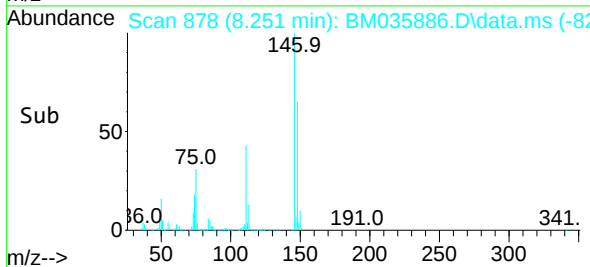
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

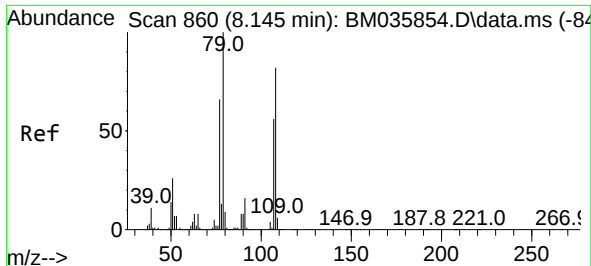


#14
1,2-Dichlorobenzene
Concen: 40.281 ng
RT: 8.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



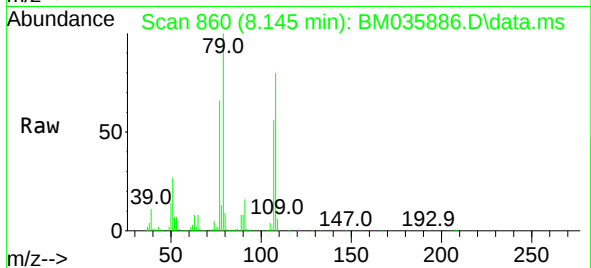
Tgt Ion:146 Resp: 1218926
Ion Ratio Lower Upper
146 100
148 65.6 50.7 76.1
111 41.8 33.9 50.9





#15
Benzyl Alcohol
Concen: 46.545 ng m
RT: 8.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

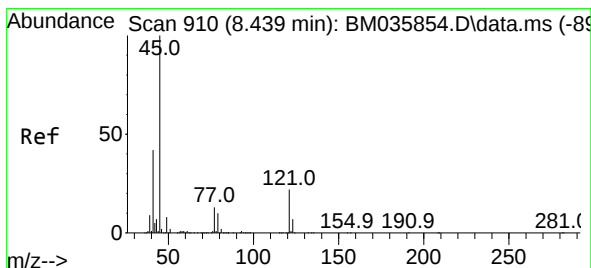
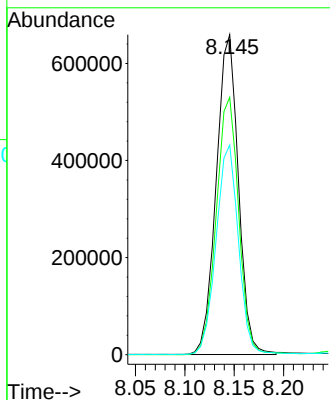
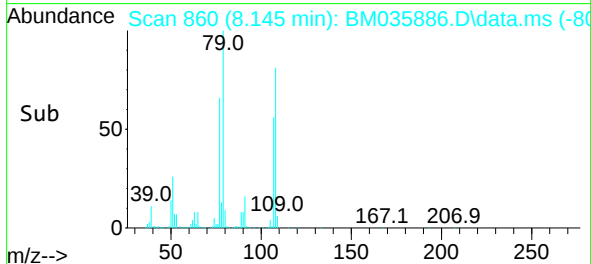
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



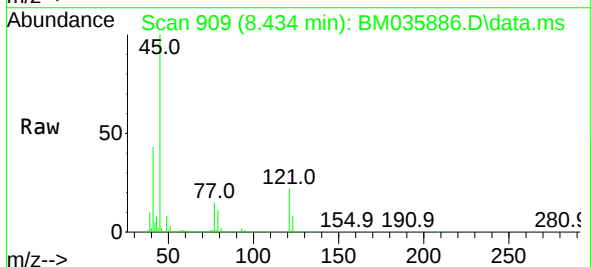
Tgt Ion: 79 Resp: 102815
Ion Ratio Lower Upper
79 100
108 80.4 59.0 88.4
77 65.6 52.2 78.4

Manual Integrations
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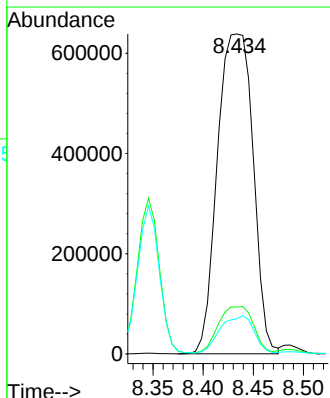
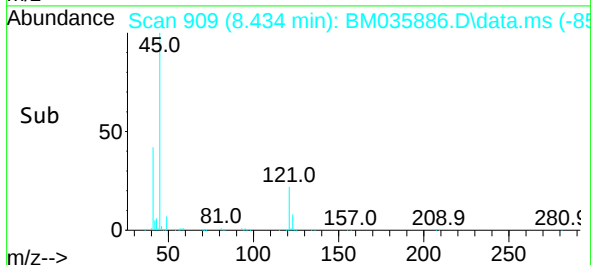
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

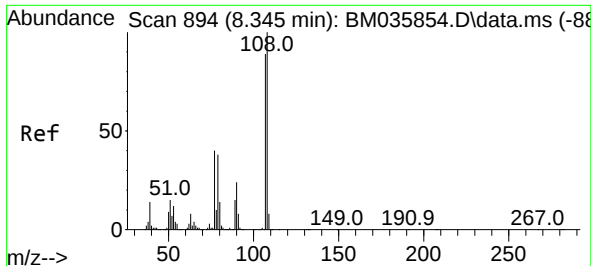


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.538 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



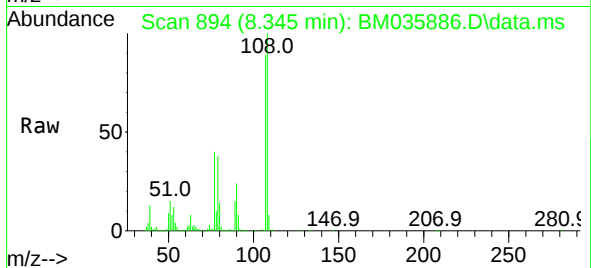
Tgt Ion: 45 Resp: 1579637
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.1
79 11.0 0.0 30.5





#17
2-Methylphenol
Concen: 47.728 ng
RT: 8.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

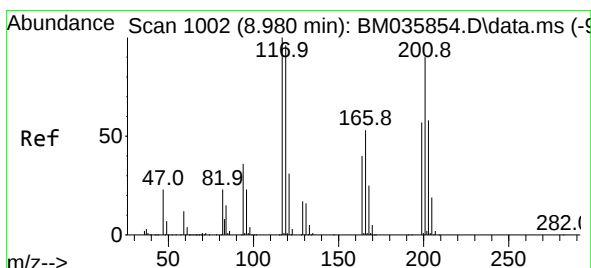
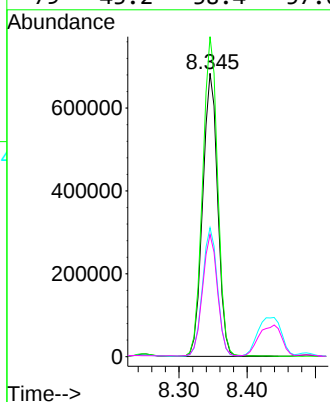
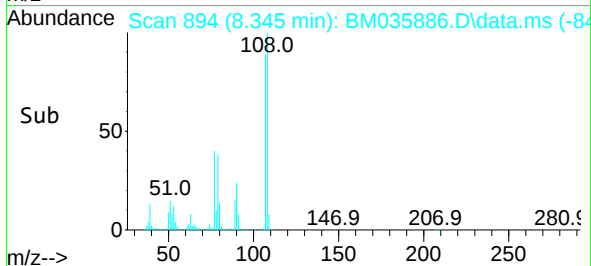
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



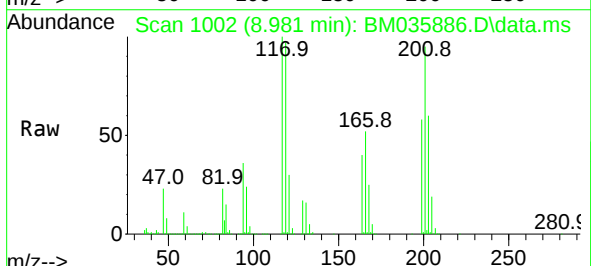
Tgt Ion:107 Resp: 104619
Ion Ratio Lower Upper
107 100
108 112.9 88.7 133.1
77 45.5 40.6 60.8
79 43.2 38.4 57.6

Manual Integrations
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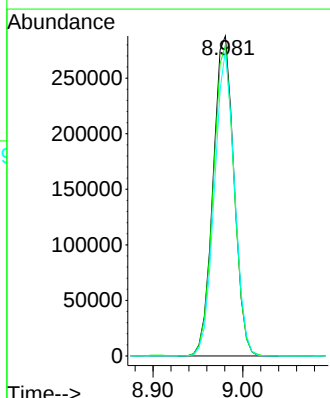
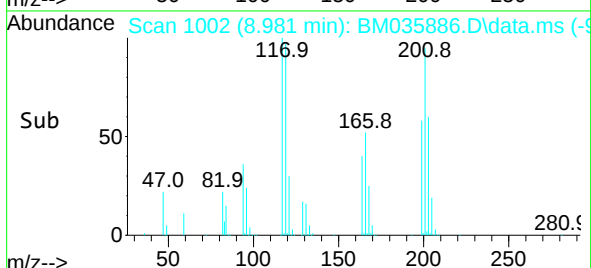
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

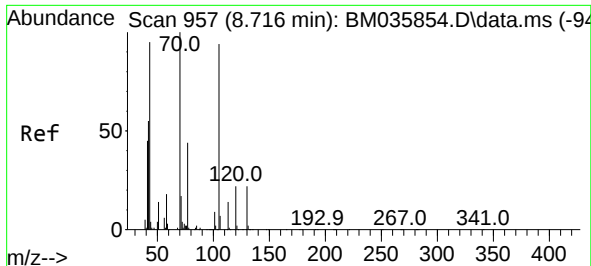


#18
Hexachloroethane
Concen: 41.259 ng
RT: 8.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



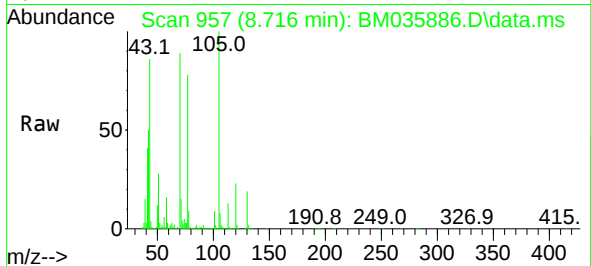
Tgt Ion:117 Resp: 464386
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.6
201 95.3 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 46.957 ng
RT: 8.716 min Scan# 91266
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

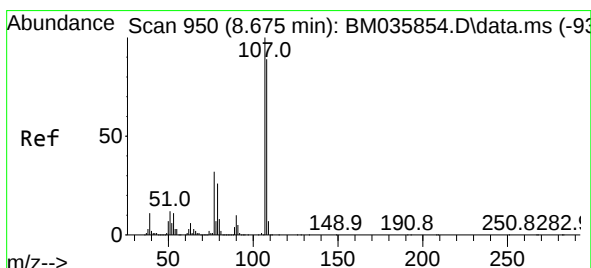
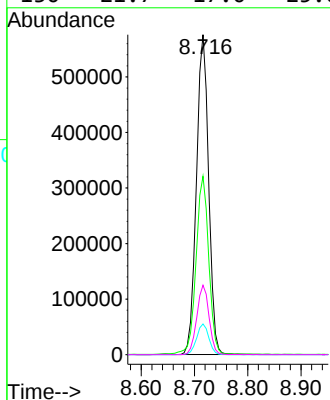
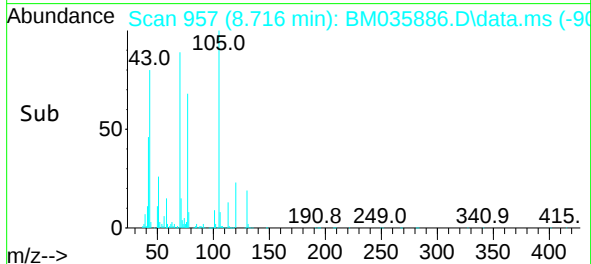
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



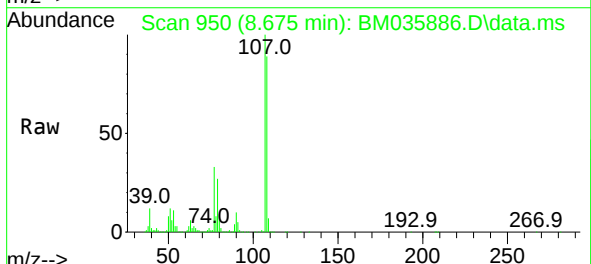
Tgt Ion: 70 Resp: 91266
Ion Ratio Lower Upper
70 100
42 55.7 55.4 83.2
101 9.6 7.8 11.6
130 21.7 17.0 25.6

Manual Integrations
APPROVED

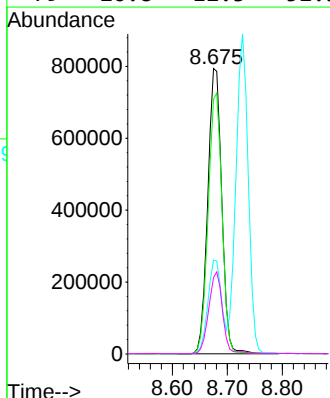
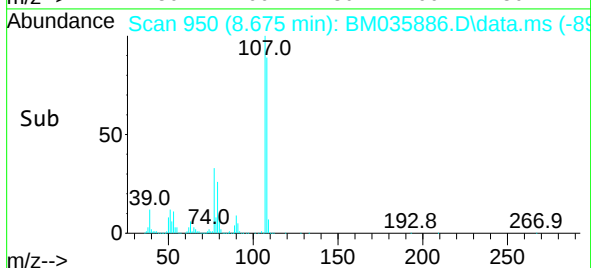
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

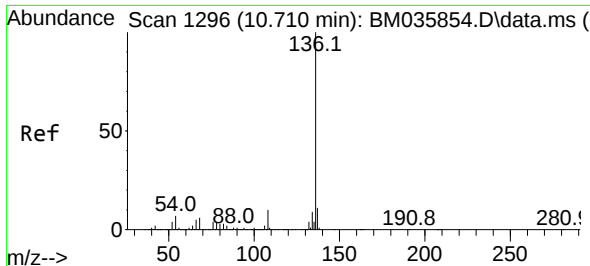


#20
3+4-Methylphenols
Concen: 47.355 ng
RT: 8.675 min Scan# 950
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



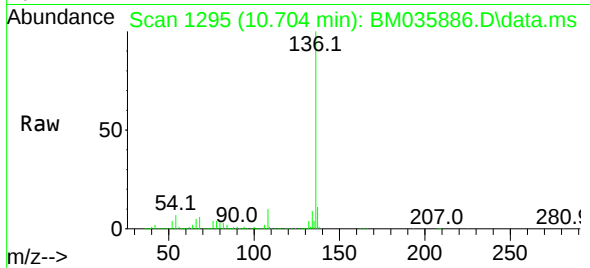
Tgt Ion:107 Resp: 1402900
Ion Ratio Lower Upper
107 100
108 89.2 69.3 109.3
77 32.9 15.8 55.8
79 26.8 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

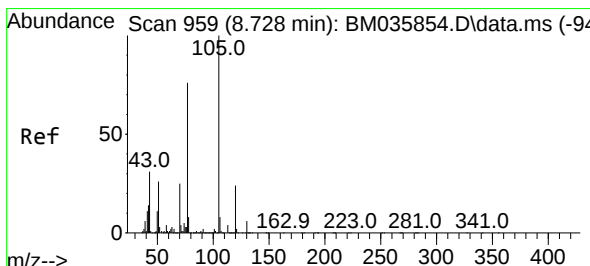
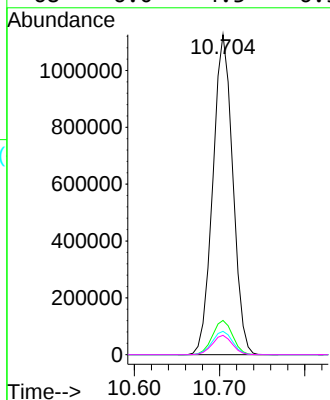
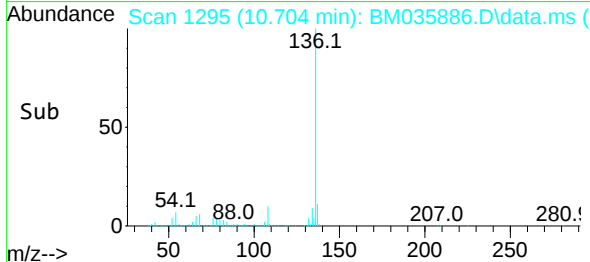
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



Tgt Ion:136 Resp: 1827989
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.3 7.0 10.4
68 6.0 4.3 6.5

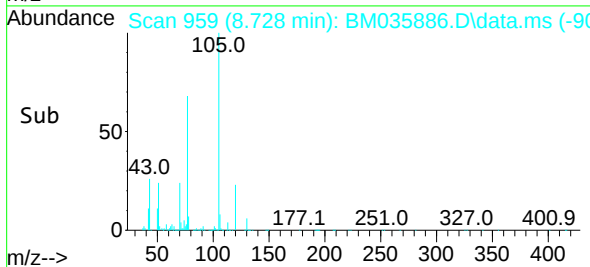
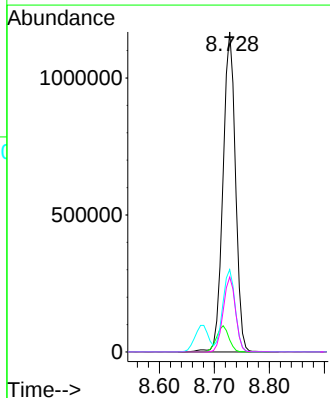
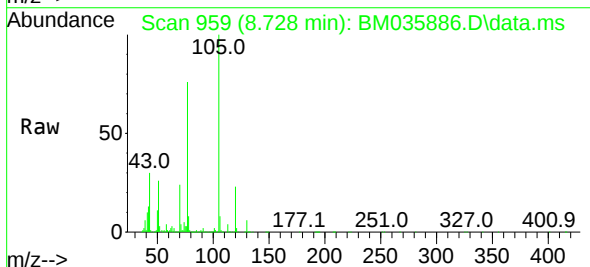
Manual Integrations
APPROVED

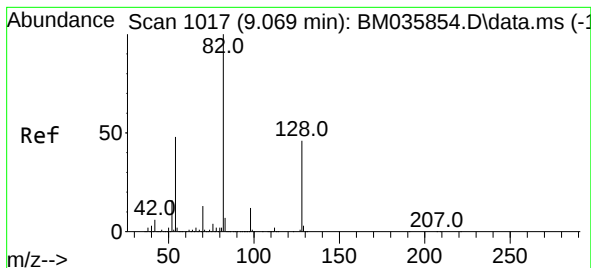
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#22
Acetophenone
Concen: 40.670 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

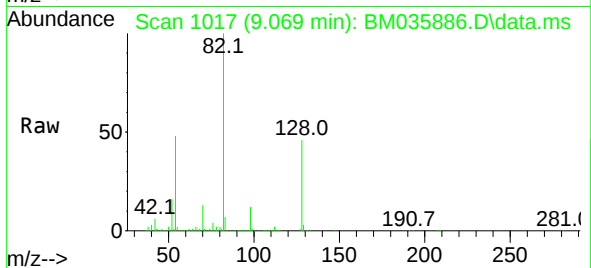
Tgt Ion:105 Resp: 1837381
Ion Ratio Lower Upper
105 100
71 3.7 5.0 7.4#
51 25.8 25.6 38.4
120 23.4 17.8 26.8





#23
Nitrobenzene-d5
Concen: 79.653 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

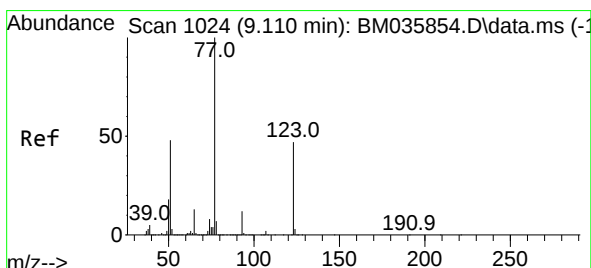
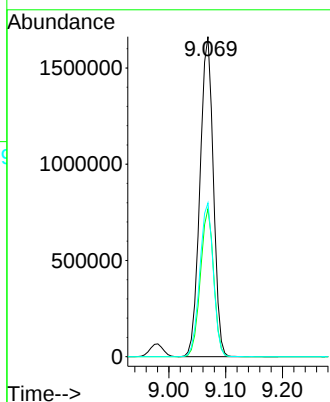
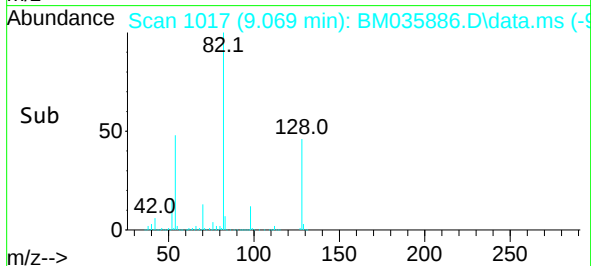
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



Tgt Ion: 82 Resp: 2722400
Ion Ratio Lower Upper
82 100
128 46.2 33.7 50.5
54 48.1 43.2 64.8

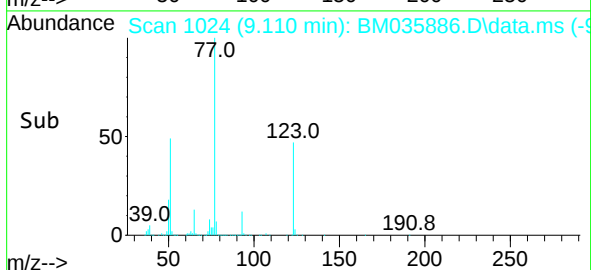
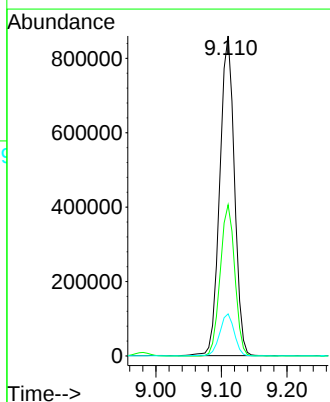
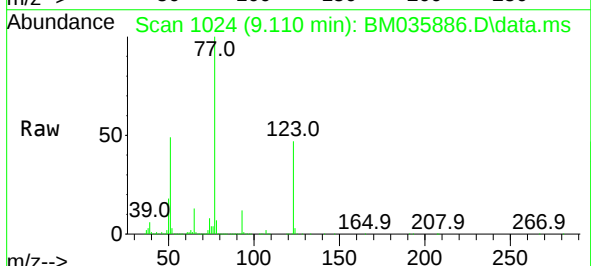
Manual Integrations
APPROVED

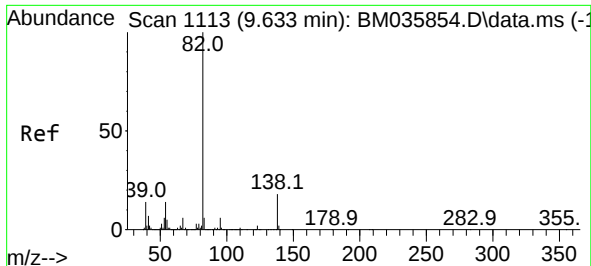
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#24
Nitrobenzene
Concen: 41.410 ng
RT: 9.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

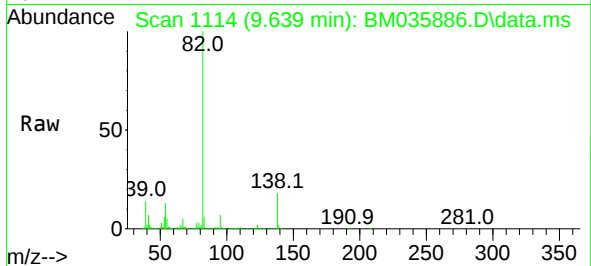
Tgt Ion: 77 Resp: 1329332
Ion Ratio Lower Upper
77 100
123 47.3 36.2 54.4
65 13.2 11.4 17.0





#25
Isophorone
Concen: 47.172 ng
RT: 9.639 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

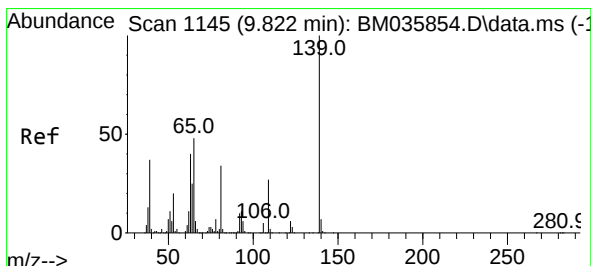
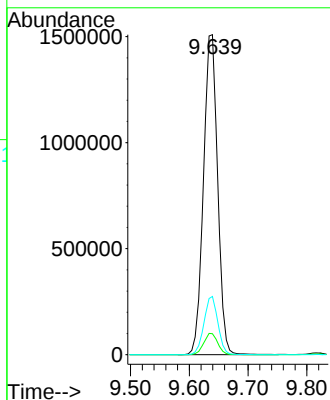
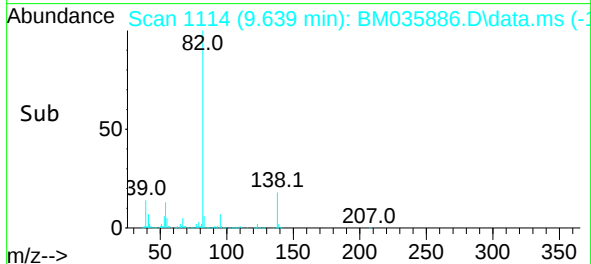
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



Tgt Ion: 82 Resp: 2522139
Ion Ratio Lower Upper
82 100
95 6.6 6.4 9.6
138 18.2 14.2 21.4

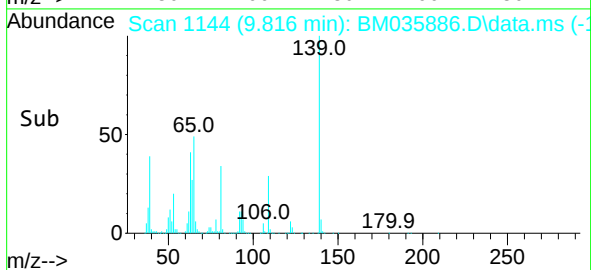
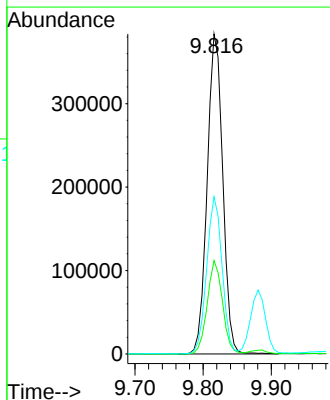
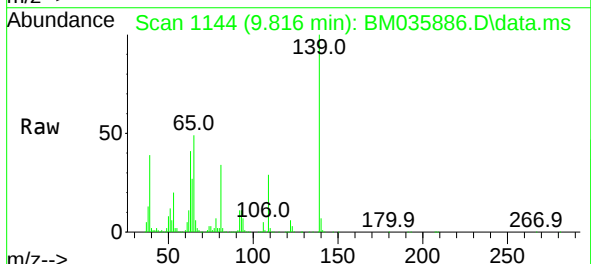
Manual Integrations
APPROVED

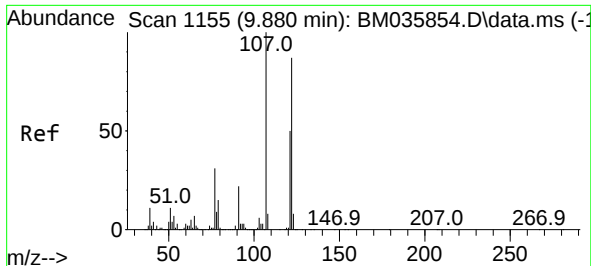
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#26
2-Nitrophenol
Concen: 42.167 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

Tgt Ion:139 Resp: 609768
Ion Ratio Lower Upper
139 100
109 29.1 25.6 38.4
65 49.1 43.2 64.8





#27

2,4-Dimethylphenol

Concen: 51.310 ng

RT: 9.881 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BM035886.D

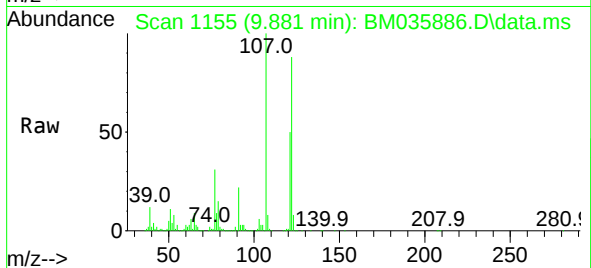
Acq: 21 Jul 2022 12:46

Instrument :

BNA_M

ClientSampleId :

PB146339BSD



Tgt Ion:122 Resp: 1170428

Ion Ratio Lower Upper

122 100

107 114.1 92.4 138.6

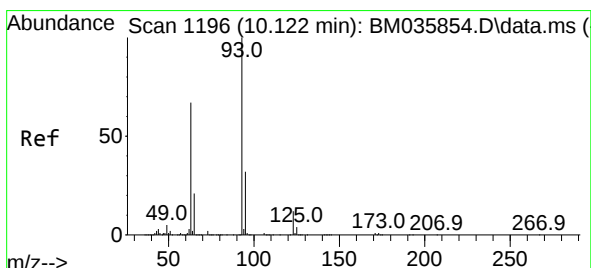
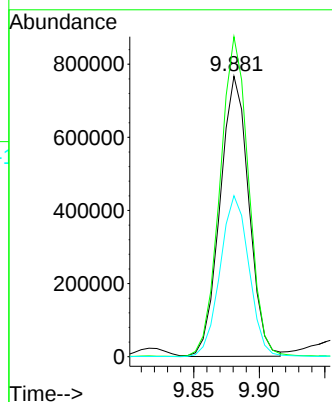
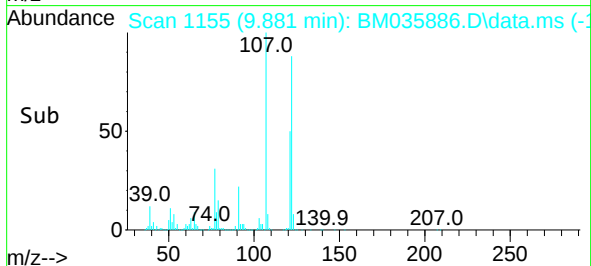
121 57.4 47.4 71.0

Manual Integrations

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Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 42.197 ng

RT: 10.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BM035886.D

Acq: 21 Jul 2022 12:46

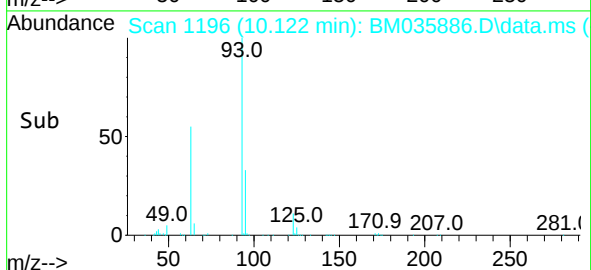
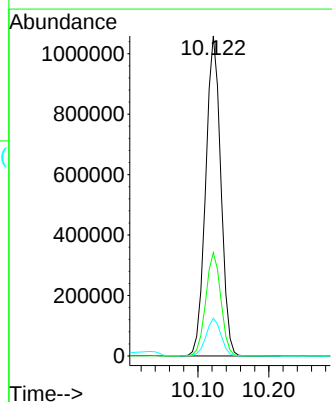
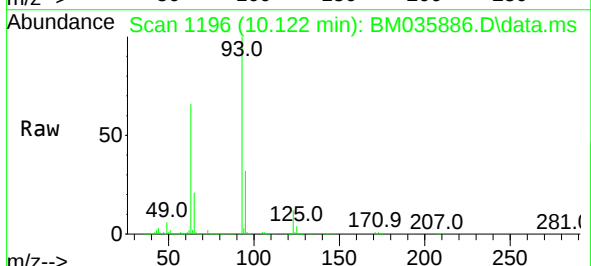
Tgt Ion: 93 Resp: 1570310

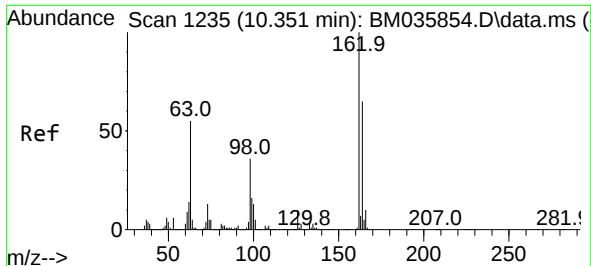
Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

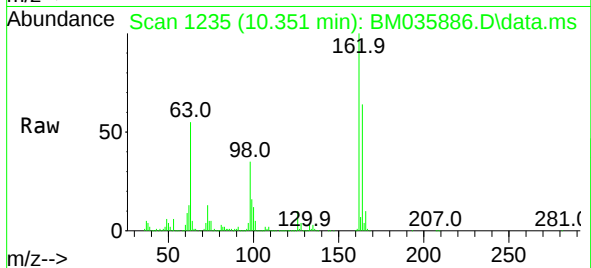
123 11.8 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 45.241 ng
RT: 10.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

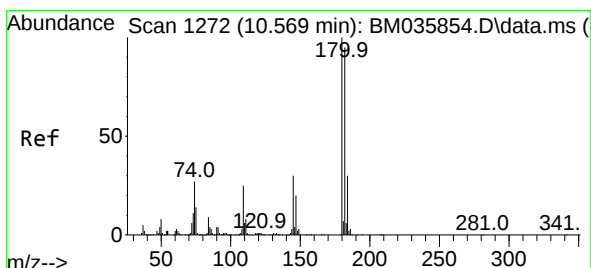
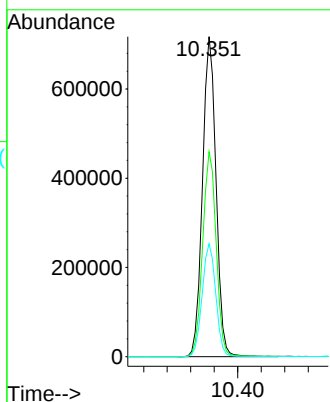
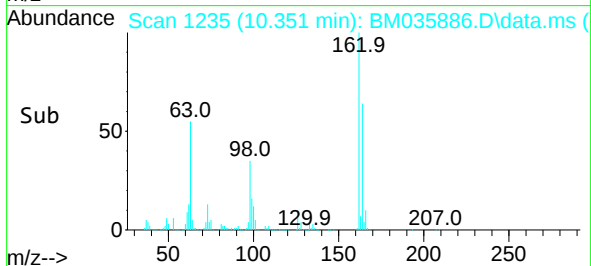
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



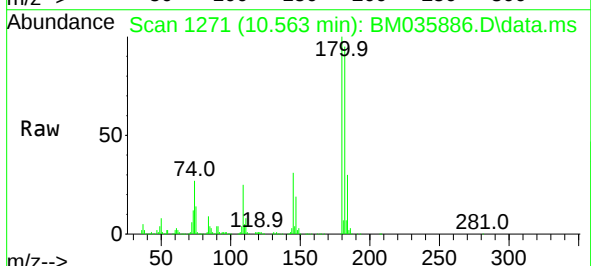
Tgt Ion:162 Resp: 1144212
Ion Ratio Lower Upper
162 100
164 64.1 44.2 84.2
98 35.3 15.0 55.0

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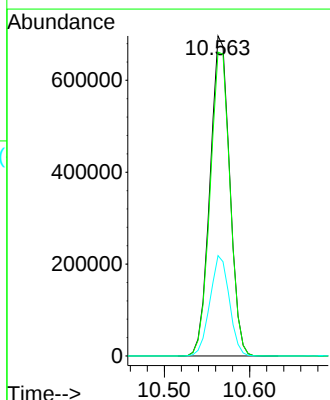
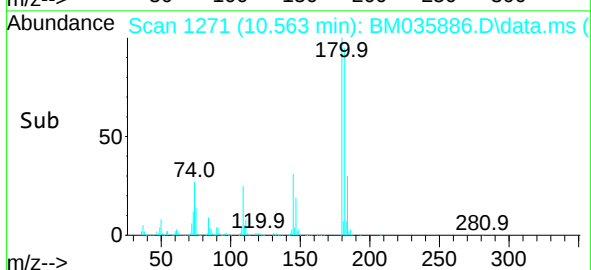
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

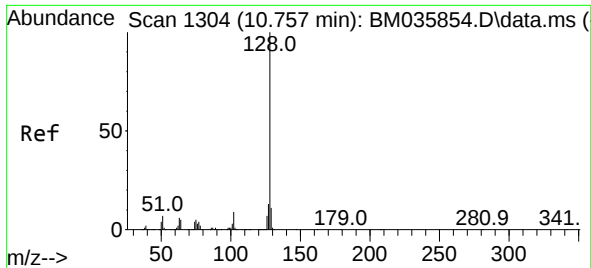


#30
1,2,4-Trichlorobenzene
Concen: 38.191 ng
RT: 10.563 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



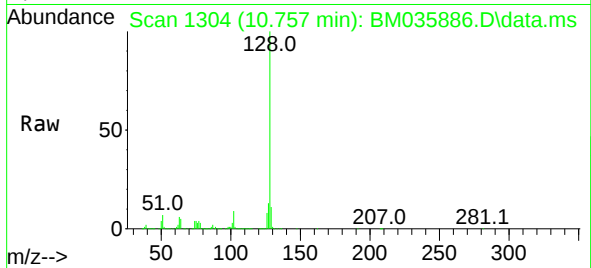
Tgt Ion:180 Resp: 1114712
Ion Ratio Lower Upper
180 100
182 94.9 77.9 116.9
145 31.3 25.0 37.6





#31
Naphthalene
Concen: 40.594 ng
RT: 10.757 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

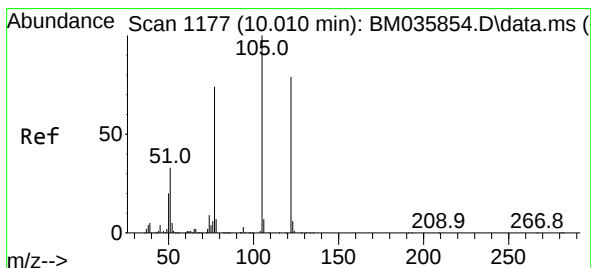
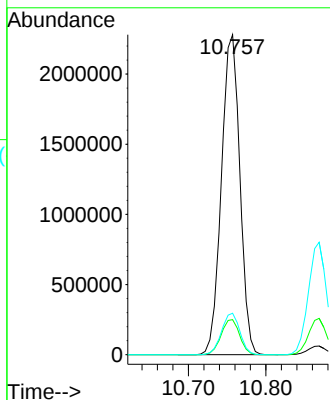
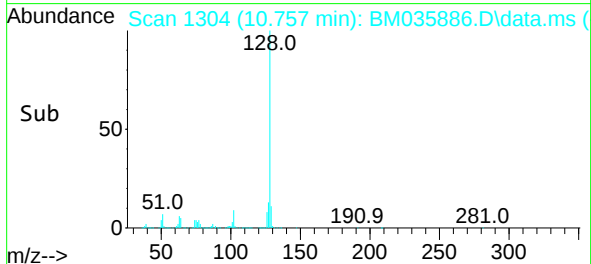
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



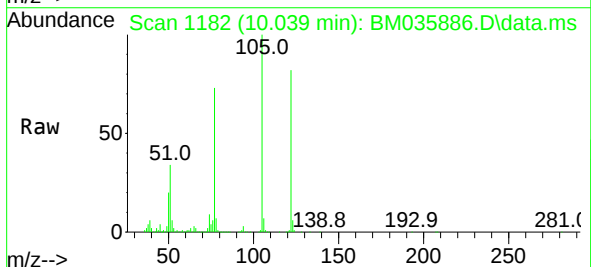
Tgt Ion:128 Resp: 3770350
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.9 10.6 16.0

Manual Integrations
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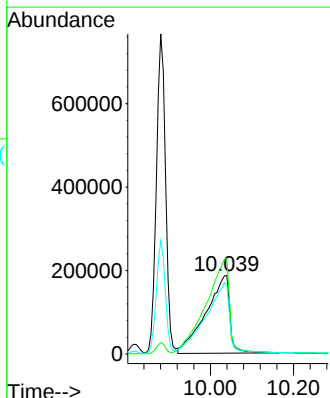
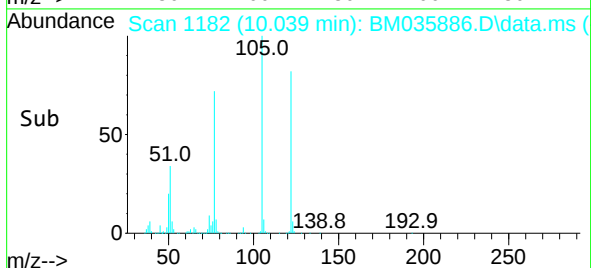
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

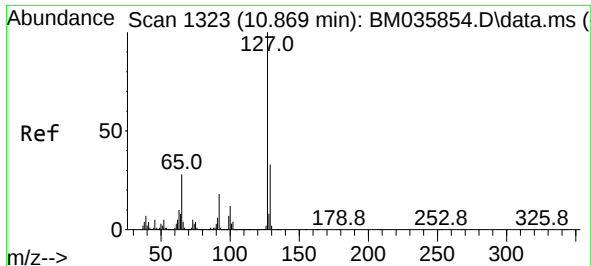


#32
Benzoic acid
Concen: 43.271 ng
RT: 10.039 min Scan# 1182
Delta R.T. 0.030 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



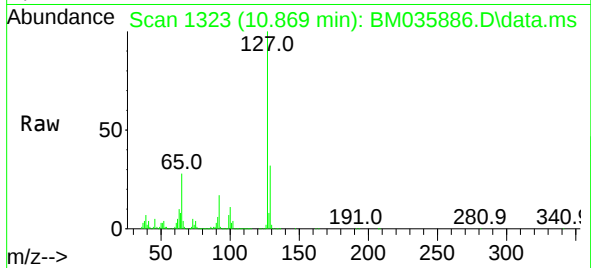
Tgt Ion:122 Resp: 746504
Ion Ratio Lower Upper
122 100
105 122.1 105.7 145.7
77 88.5 80.0 120.0





#33
4-Chloroaniline
Concen: 35.775 ng
RT: 10.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

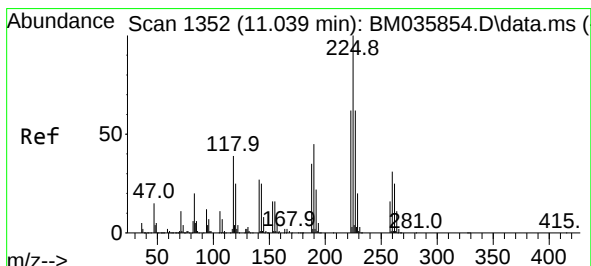
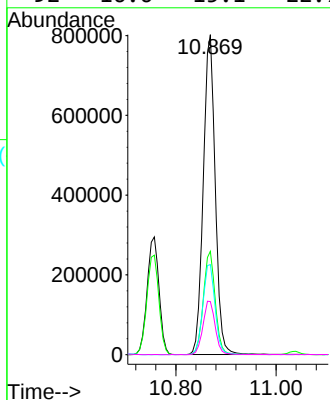
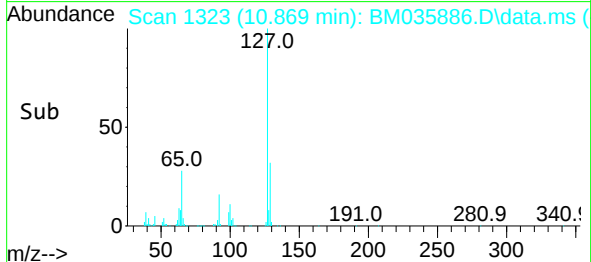
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



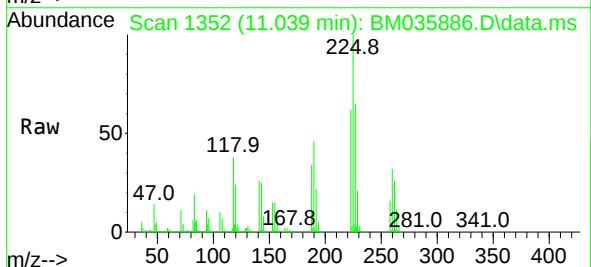
Tgt Ion:127 Resp: 132926
Ion Ratio Lower Upper
127 100
129 32.3 25.7 38.5
65 28.1 26.6 40.0
92 16.6 15.1 22.7

Manual Integrations
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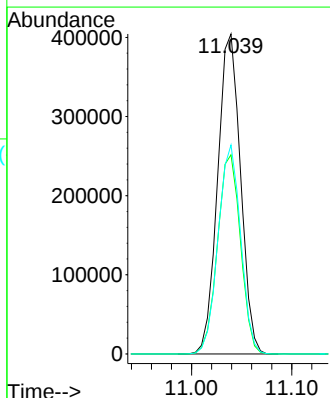
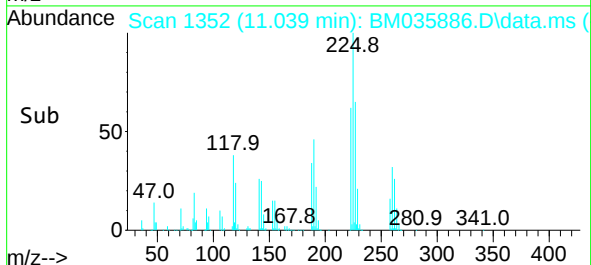
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

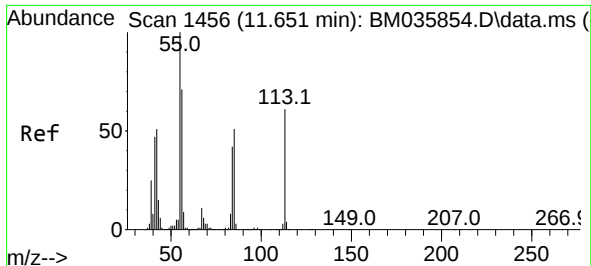


#34
Hexachlorobutadiene
Concen: 38.244 ng
RT: 11.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



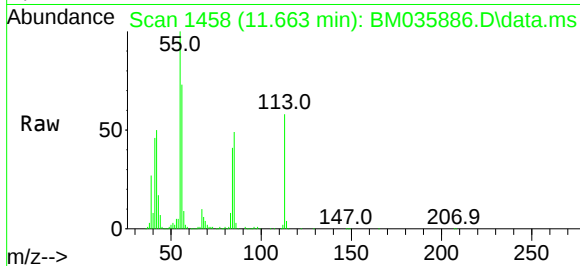
Tgt Ion:225 Resp: 640649
Ion Ratio Lower Upper
225 100
223 62.2 50.8 76.2
227 65.3 52.7 79.1





#35
Caprolactam
Concen: 46.032 ng m
RT: 11.663 min Scan# 1456
Delta R.T. 0.012 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

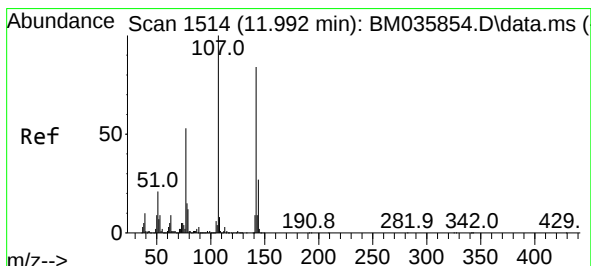
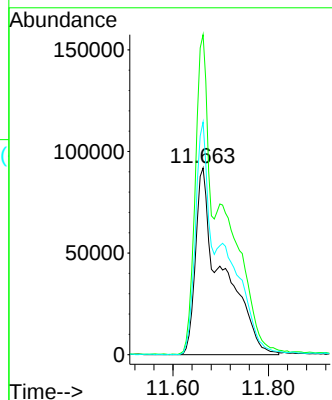
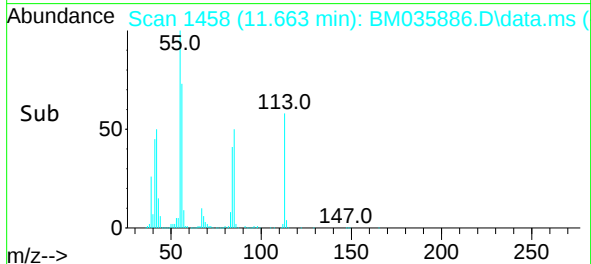
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



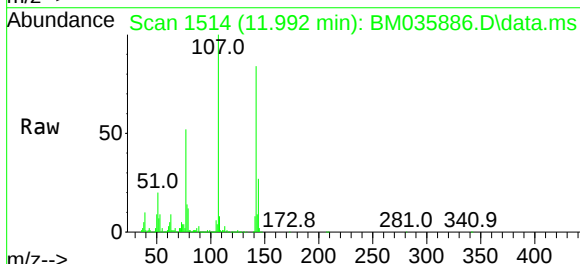
Tgt Ion:113 Resp: 356044
Ion Ratio Lower Upper
113 100
55 171.4 150.1 190.1
56 124.6 111.7 151.7

Manual Integrations
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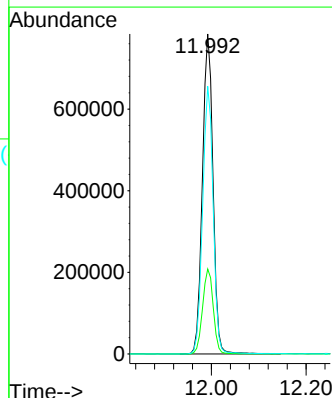
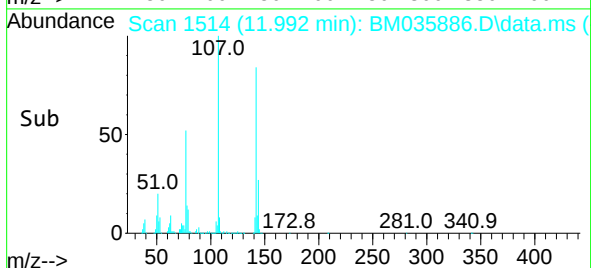
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

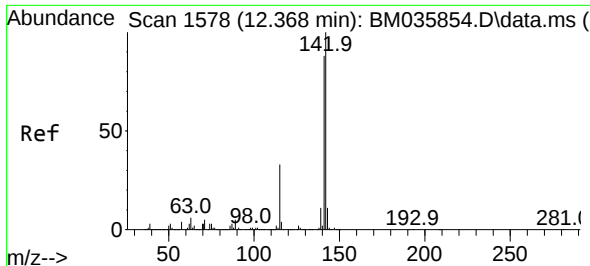


#36
4-Chloro-3-methylphenol
Concen: 46.965 ng
RT: 11.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



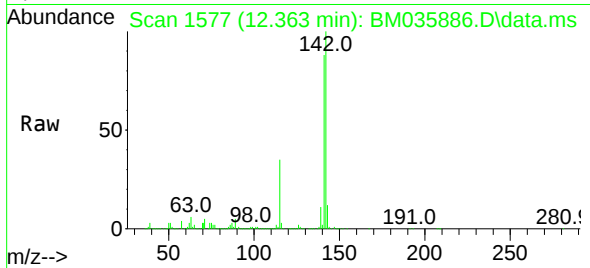
Tgt Ion:107 Resp: 1217976
Ion Ratio Lower Upper
107 100
144 26.6 21.4 32.0
142 83.7 66.7 100.1





#37
2-Methylnaphthalene
Concen: 43.604 ng
RT: 12.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

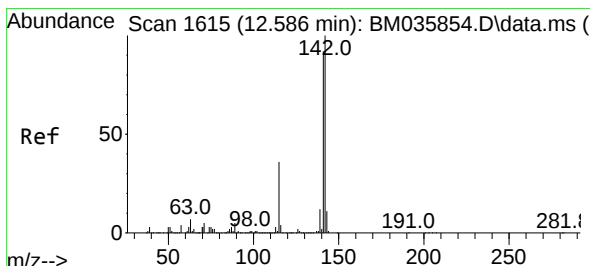
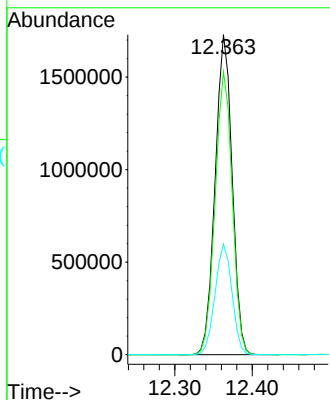
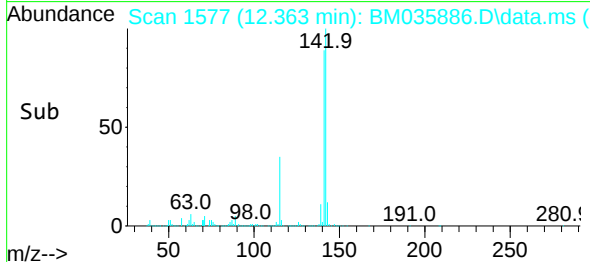
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



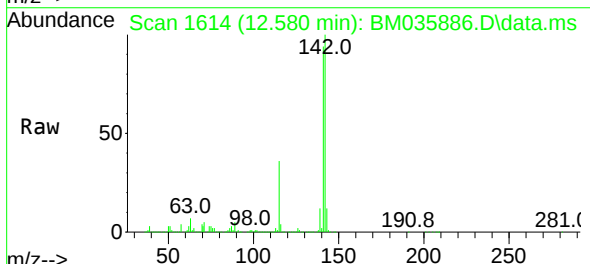
Tgt Ion:142 Resp: 2634554
Ion Ratio Lower Upper
142 100
141 88.4 72.4 108.6
115 34.5 29.6 44.4

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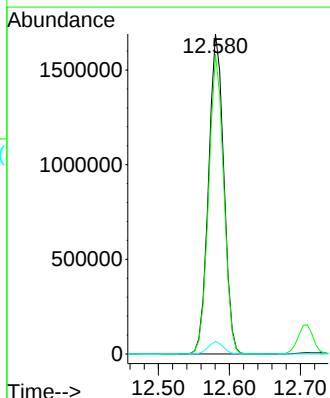
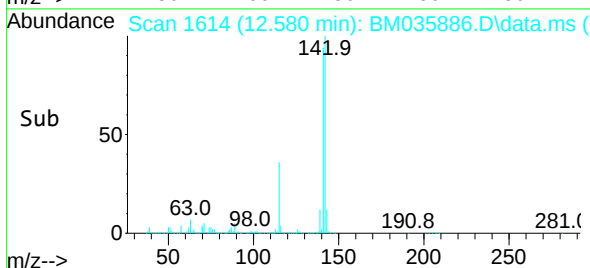
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

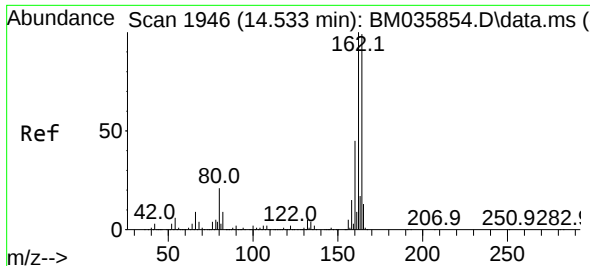


#38
1-Methylnaphthalene
Concen: 42.872 ng
RT: 12.580 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



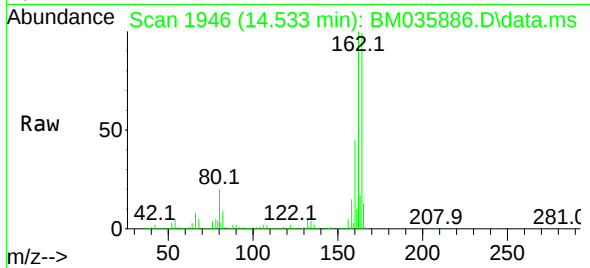
Tgt Ion:142 Resp: 2521375
Ion Ratio Lower Upper
142 100
141 93.6 75.0 112.4
116 3.9 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

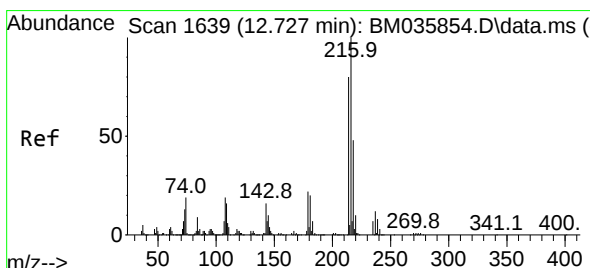
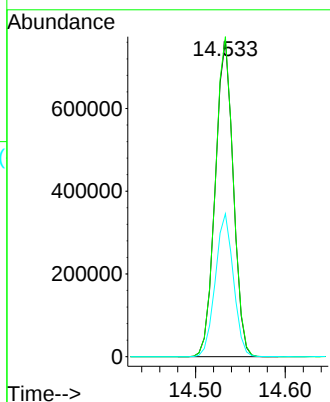
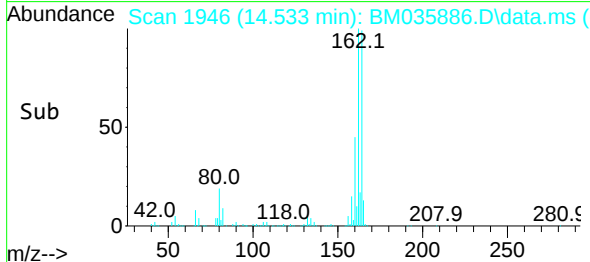
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



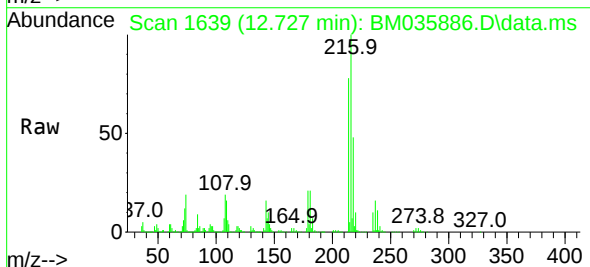
Tgt Ion:164 Resp: 106575
Ion Ratio Lower Upper
164 100
162 101.0 83.0 124.6
160 45.1 37.0 55.4

Manual Integrations
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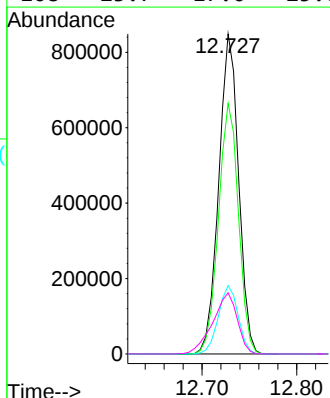
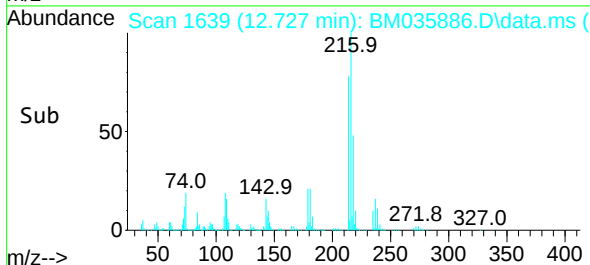
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

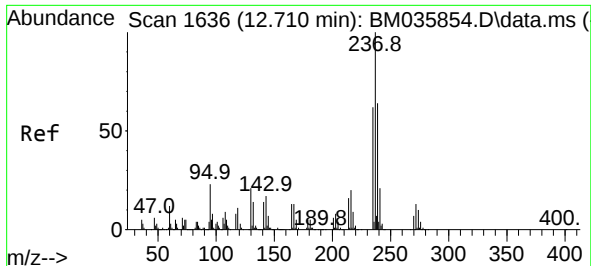


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.527 ng
RT: 12.727 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



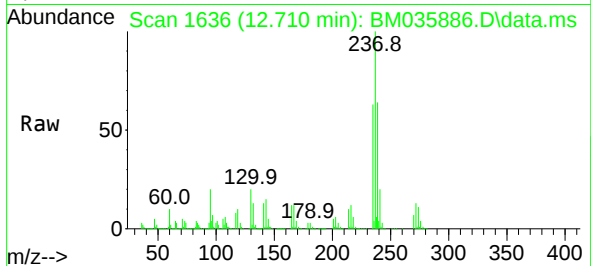
Tgt Ion:216 Resp: 1234002
Ion Ratio Lower Upper
216 100
214 79.1 62.6 94.0
179 21.4 18.2 27.2
108 23.7 17.0 25.6





#41
Hexachlorocyclopentadiene
Concen: 104.676 ng
RT: 12.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

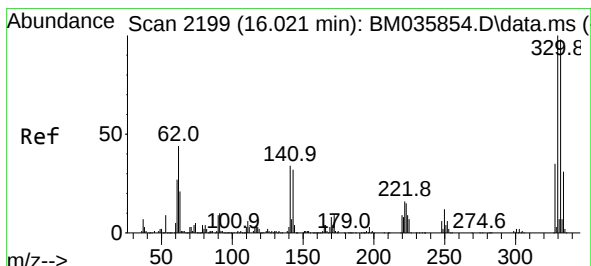
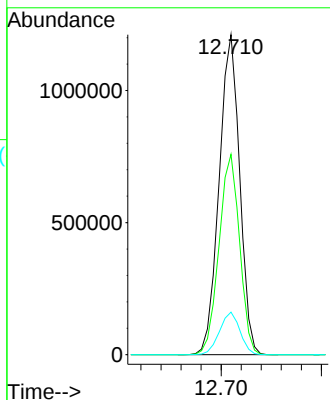
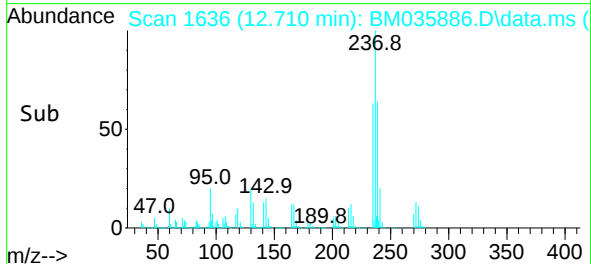
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



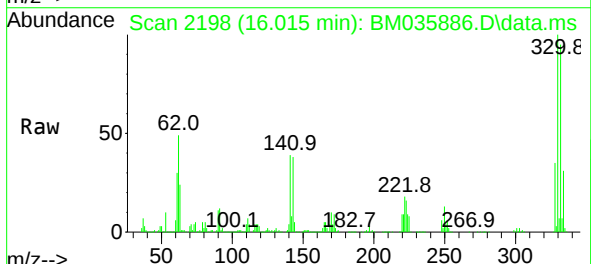
Tgt Ion:237 Resp: 1717900
Ion Ratio Lower Upper
237 100
235 62.6 43.8 83.8
272 13.3 0.0 32.5

Manual Integrations
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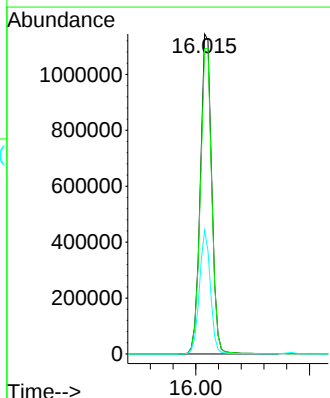
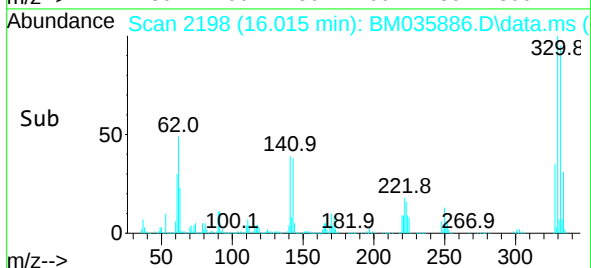
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

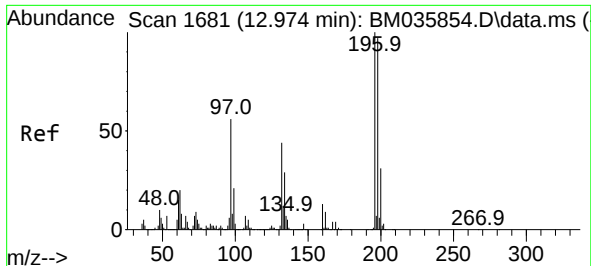


#42
2,4,6-Tribromophenol
Concen: 133.185 ng
RT: 16.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



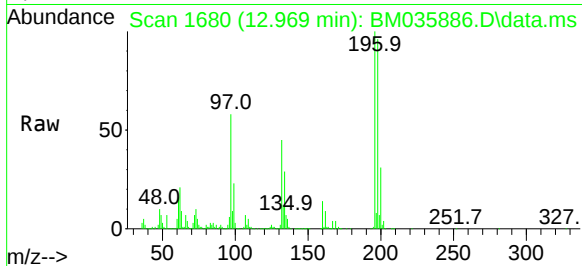
Tgt Ion:330 Resp: 1587700
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 37.5 35.3 52.9





#43
2,4,6-Trichlorophenol
Concen: 42.899 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

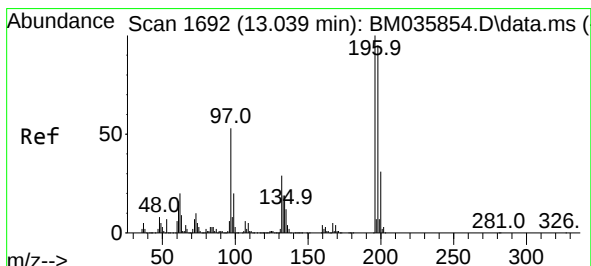
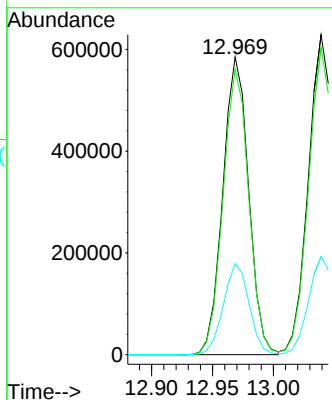
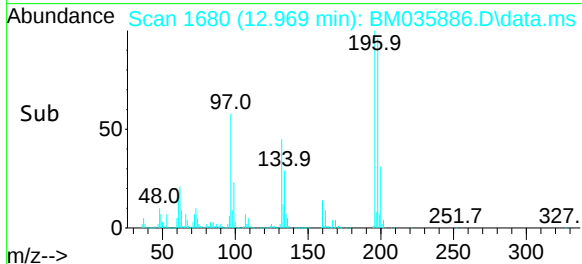
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



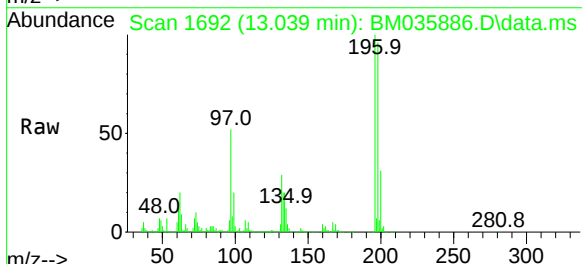
Tgt Ion:196 Resp: 86341
Ion Ratio Lower Upper
196 100
198 95.9 75.8 113.6
200 30.6 24.9 37.3

Manual Integrations
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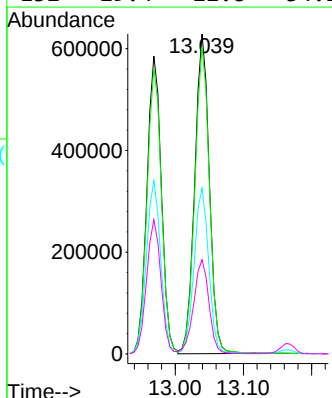
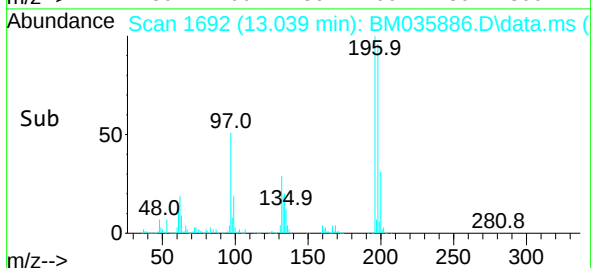
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

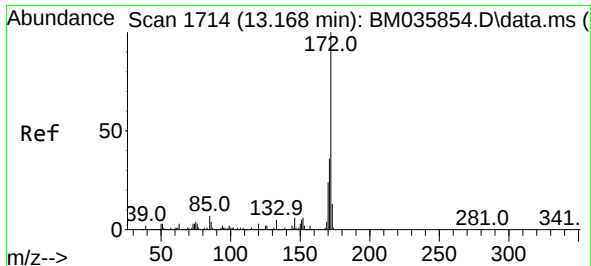


#44
2,4,5-Trichlorophenol
Concen: 44.048 ng
RT: 13.039 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



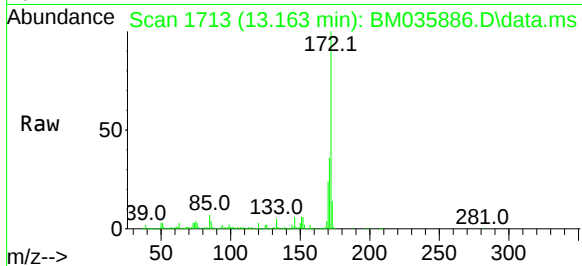
Tgt Ion:196 Resp: 934768
Ion Ratio Lower Upper
196 100
198 96.0 77.8 116.6
97 51.8 43.4 65.2
132 29.4 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 81.577 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

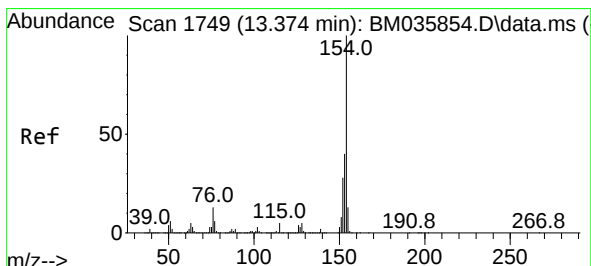
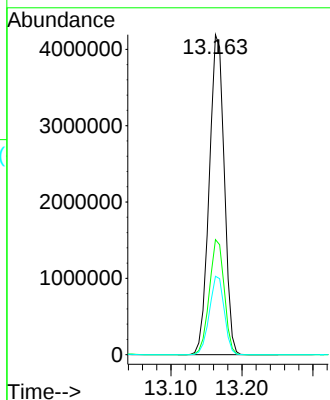
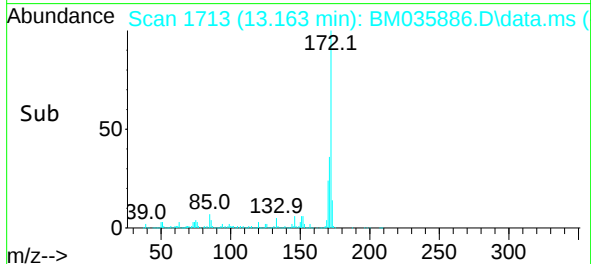
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



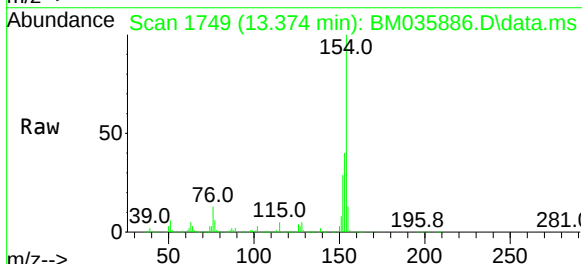
Tgt Ion:172 Resp: 6150670
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.5 18.7 28.1

Manual Integrations
APPROVED

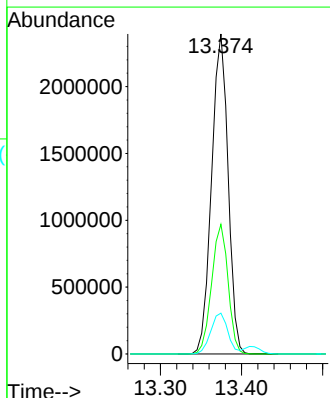
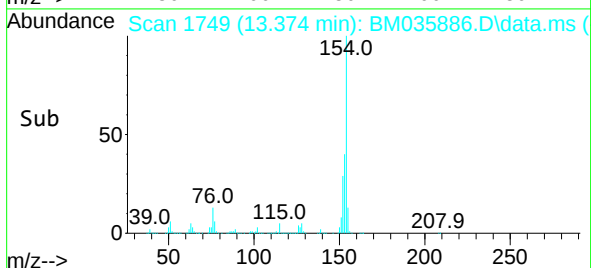
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

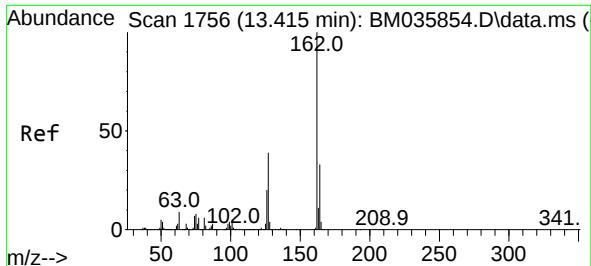


#46
1,1'-Biphenyl
Concen: 41.637 ng
RT: 13.374 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



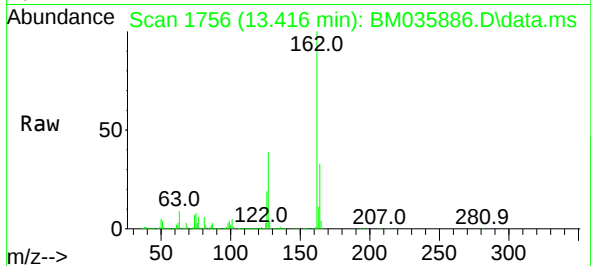
Tgt Ion:154 Resp: 3375651
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 12.8 0.0 31.8





#47
2-Chloronaphthalene
Concen: 41.236 ng
RT: 13.416 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

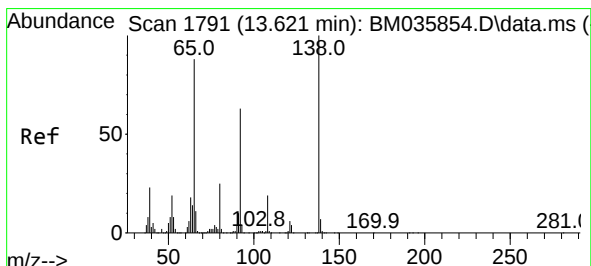
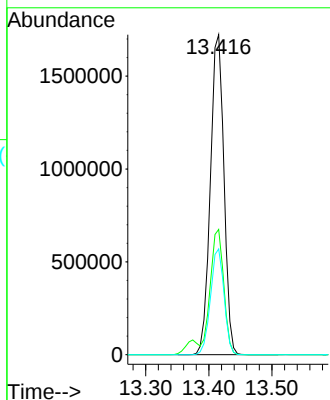
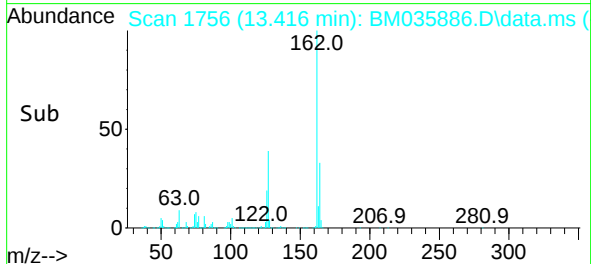
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



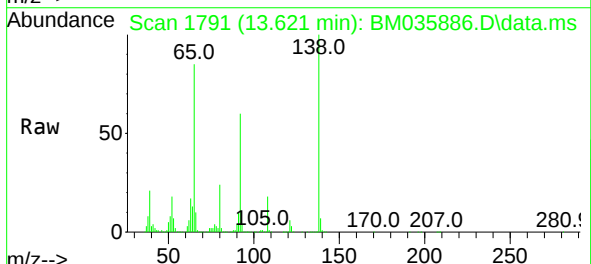
Tgt Ion:162 Resp: 2569538
Ion Ratio Lower Upper
162 100
127 39.1 30.6 45.8
164 33.1 26.6 39.8

Manual Integrations
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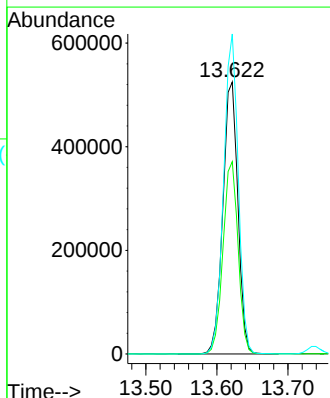
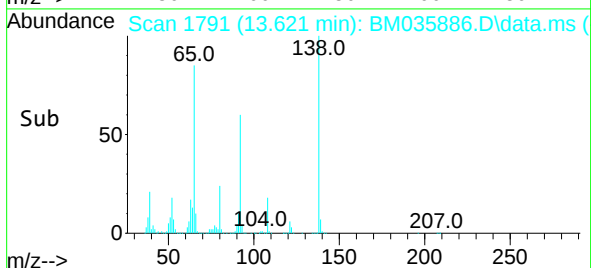
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

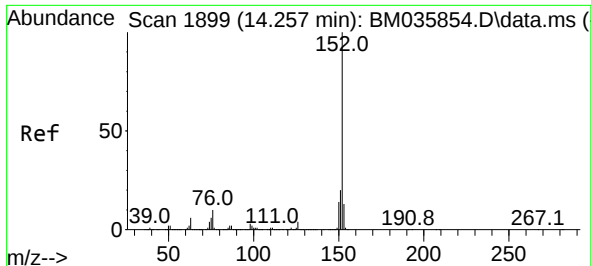


#48
2-Nitroaniline
Concen: 44.792 ng
RT: 13.621 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



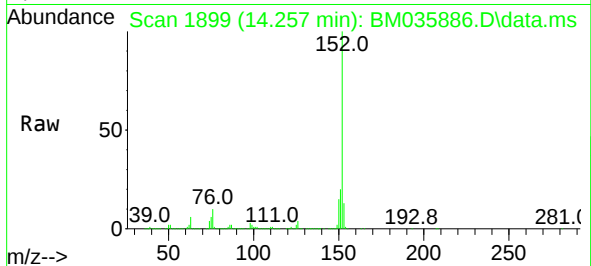
Tgt Ion: 65 Resp: 769123
Ion Ratio Lower Upper
65 100
92 70.7 53.7 80.5
138 117.7 83.9 125.9





#49
Acenaphthylene
Concen: 43.454 ng
RT: 14.257 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

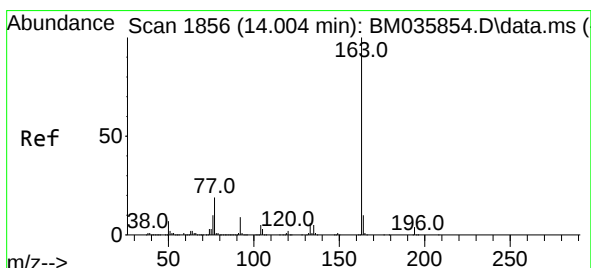
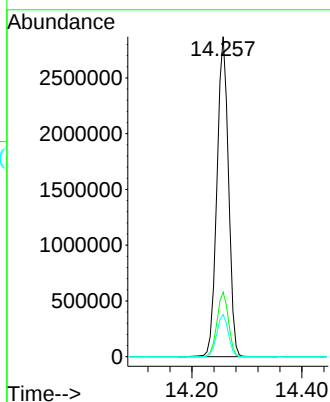
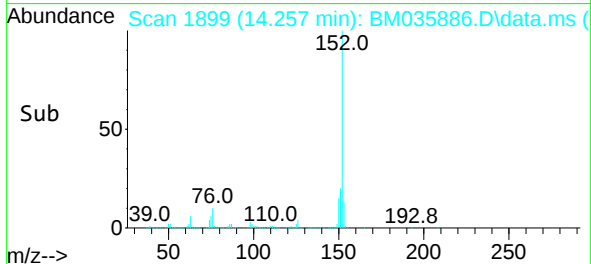
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



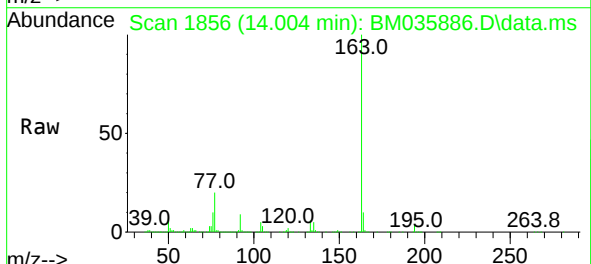
Tgt Ion:152 Resp: 416936
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.2 10.5 15.7

Manual Integrations
APPROVED

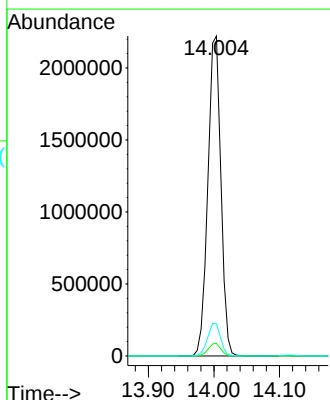
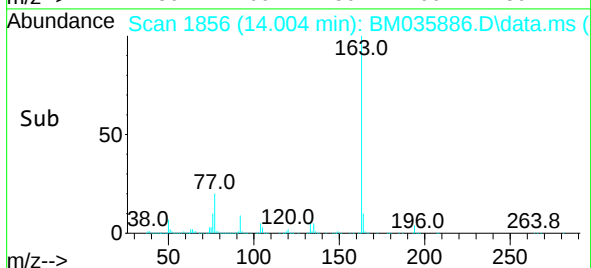
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

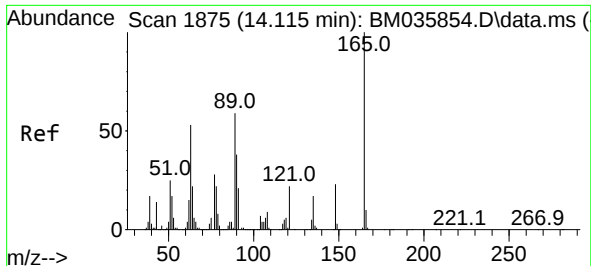


#50
Dimethylphthalate
Concen: 43.812 ng
RT: 14.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



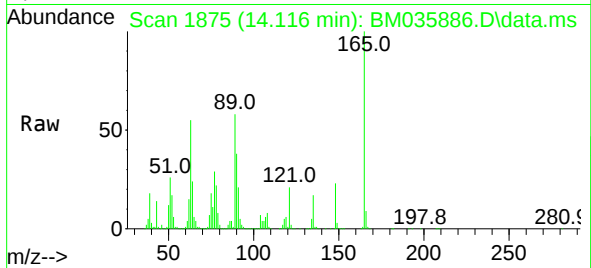
Tgt Ion:163 Resp: 3073396
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.1 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 46.804 ng
RT: 14.116 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

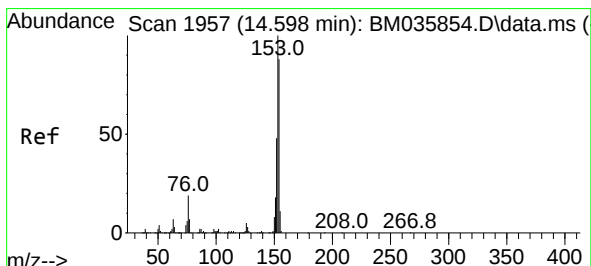
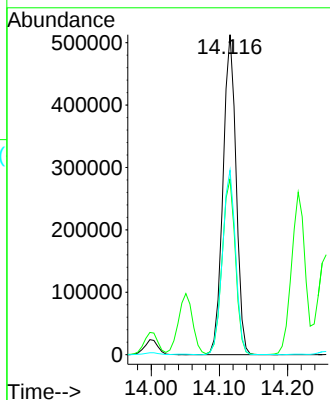
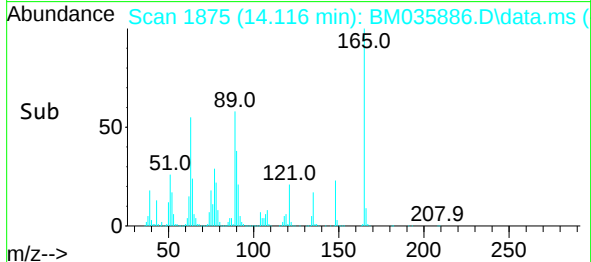
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



Tgt Ion:165 Resp: 686550
Ion Ratio Lower Upper
165 100
63 54.9 50.2 75.2
89 57.7 48.4 72.6

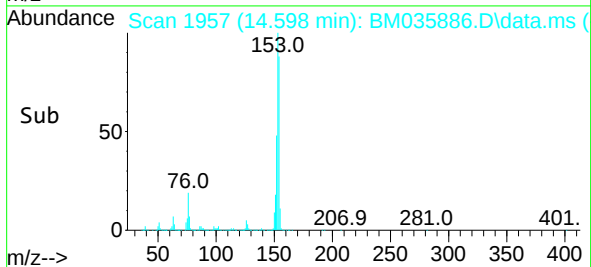
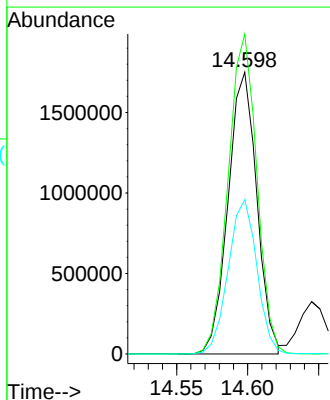
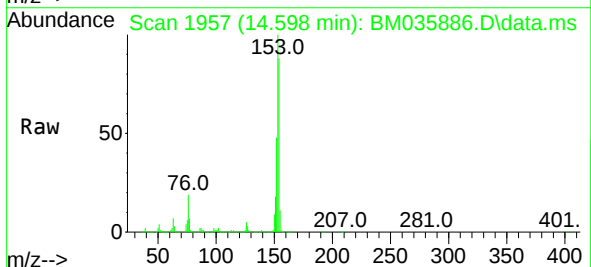
Manual Integrations
APPROVED

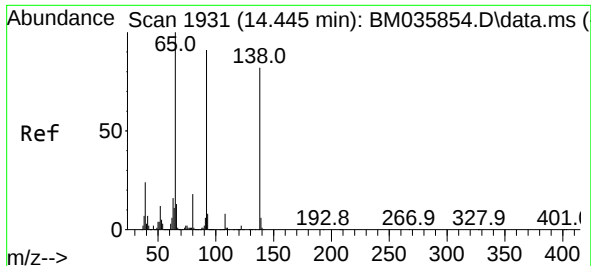
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#52
Acenaphthene
Concen: 42.712 ng
RT: 14.598 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

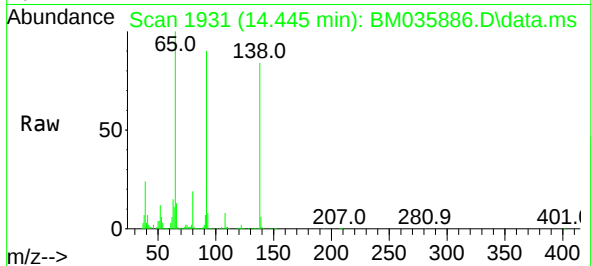
Tgt Ion:154 Resp: 2454999
Ion Ratio Lower Upper
154 100
153 113.6 91.0 136.6
152 54.8 43.4 65.2





#53
3-Nitroaniline
Concen: 34.977 ng
RT: 14.445 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

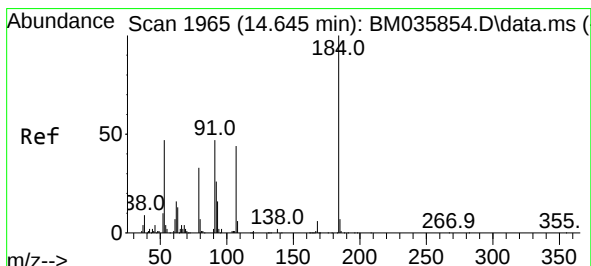
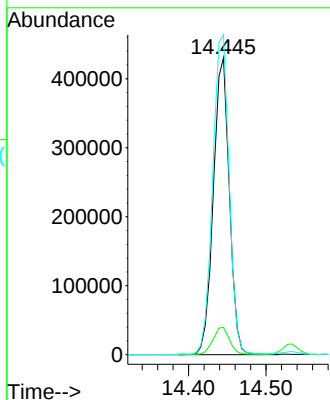
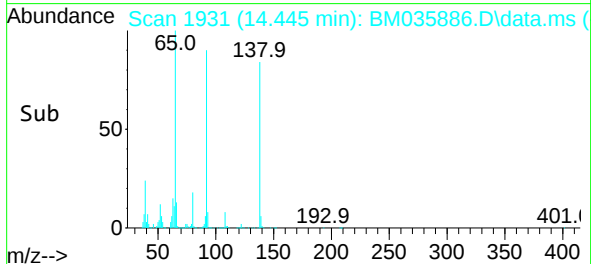
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



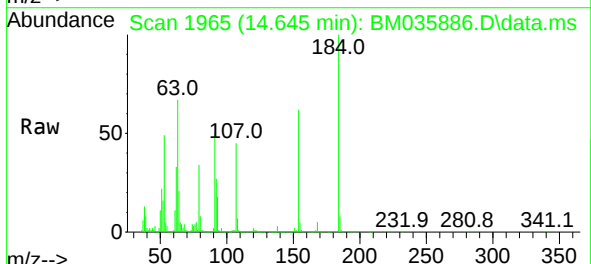
Tgt Ion:138 Resp: 617720
Ion Ratio Lower Upper
138 100
108 9.1 8.7 13.1
92 107.7 91.5 137.3

Manual Integrations
APPROVED

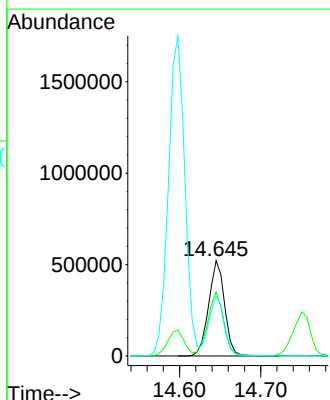
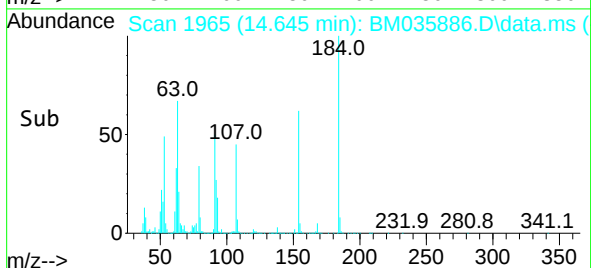
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

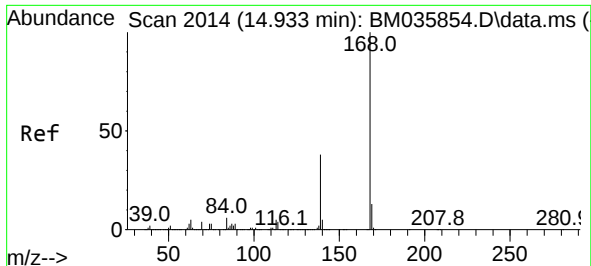


#54
2,4-Dinitrophenol
Concen: 98.042 ng
RT: 14.645 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



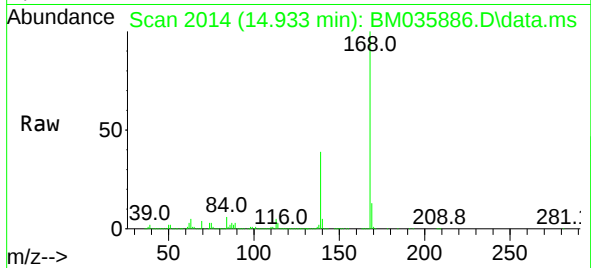
Tgt Ion:184 Resp: 708650
Ion Ratio Lower Upper
184 100
63 67.0 59.5 89.3
154 62.3 55.6 83.4





#55
Dibenzofuran
Concen: 41.609 ng
RT: 14.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

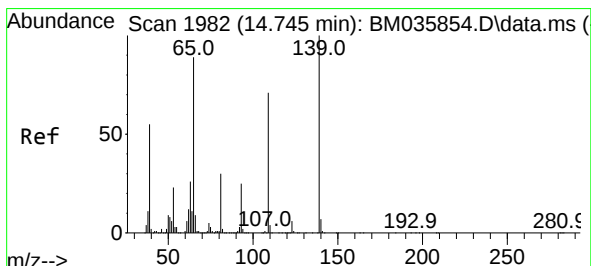
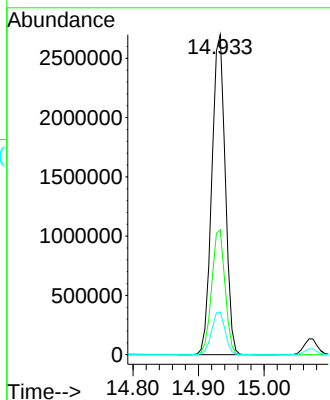
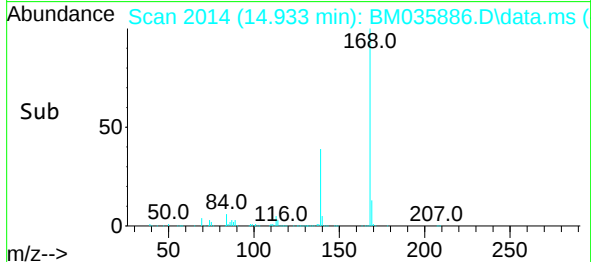
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



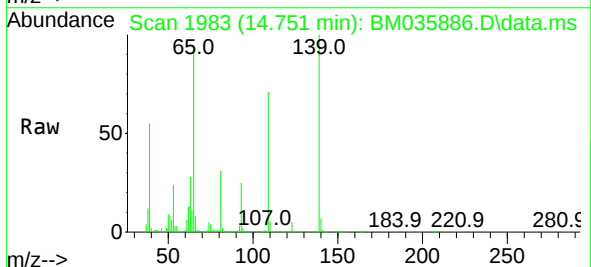
Tgt Ion:168 Resp: 3831720
Ion Ratio Lower Upper
168 100
139 39.0 32.2 48.2
169 13.4 10.6 16.0

Manual Integrations
APPROVED

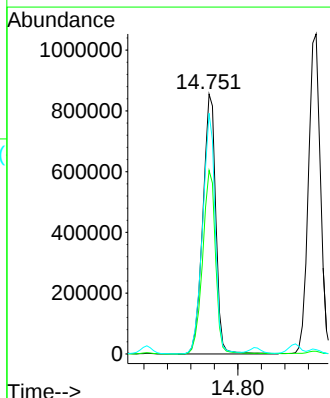
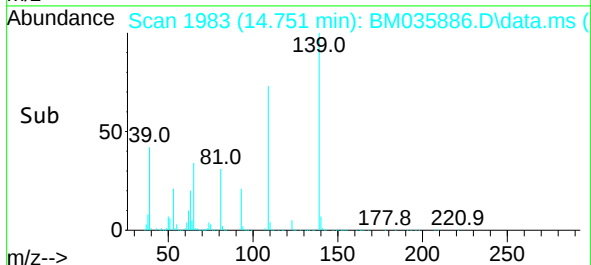
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

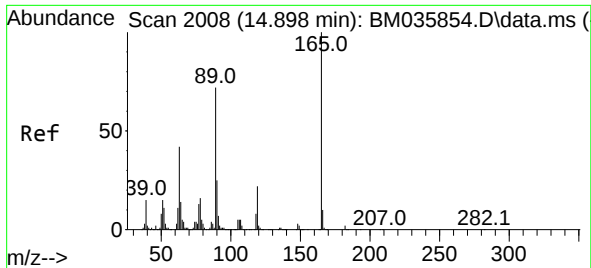


#56
4-Nitrophenol
Concen: 94.303 ng
RT: 14.751 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



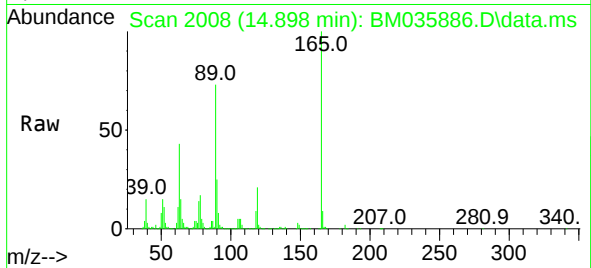
Tgt Ion:139 Resp: 1306765
Ion Ratio Lower Upper
139 100
109 70.7 62.5 102.5
65 92.6 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 48.389 ng
RT: 14.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

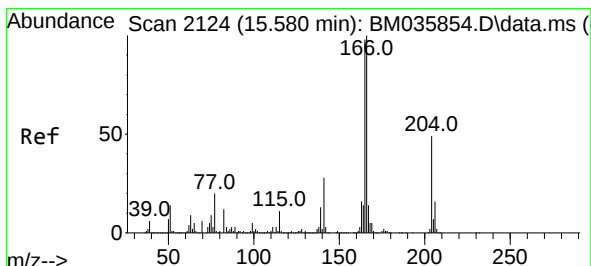
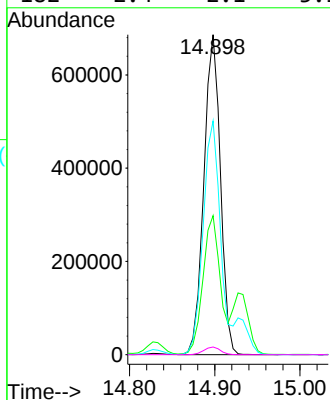
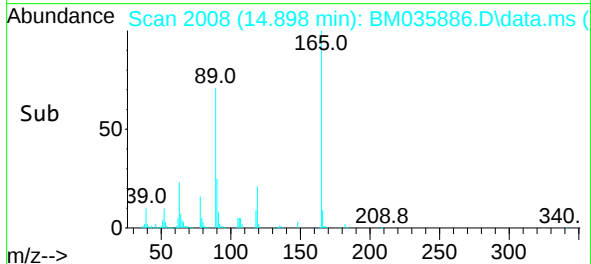
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



Tgt Ion:165 Resp: 928892
Ion Ratio Lower Upper
165 100
63 43.5 35.6 53.4
89 73.1 57.3 85.9
182 2.4 2.1 3.1

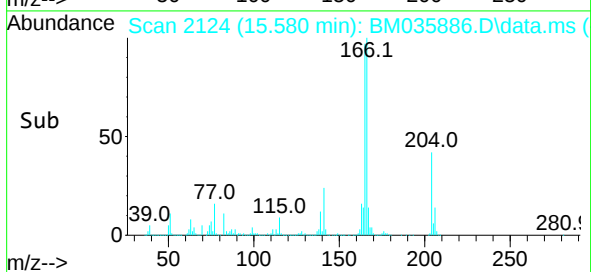
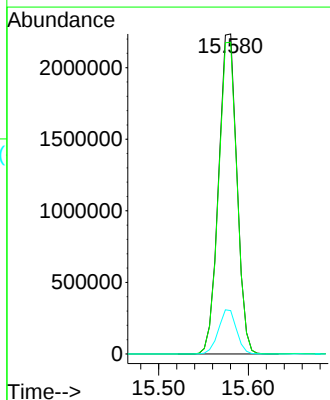
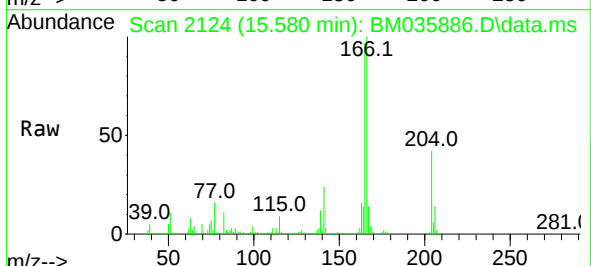
Manual Integrations
APPROVED

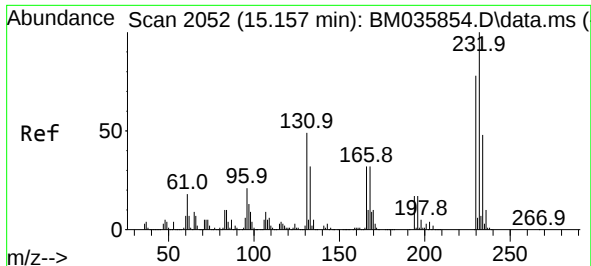
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#58
Fluorene
Concen: 43.813 ng
RT: 15.580 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

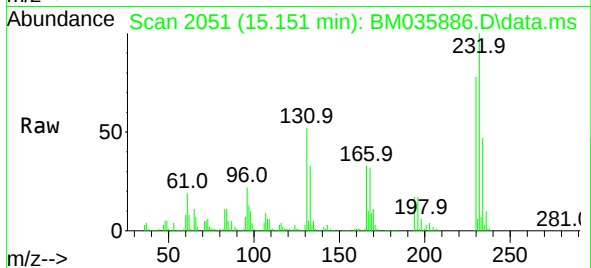
Tgt Ion:166 Resp: 3167884
Ion Ratio Lower Upper
166 100
165 97.4 79.4 119.2
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.316 ng
RT: 15.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

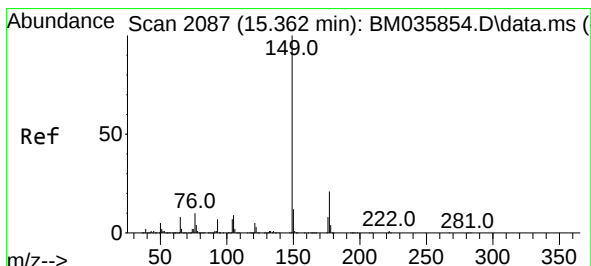
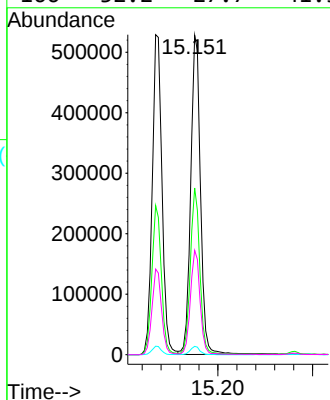
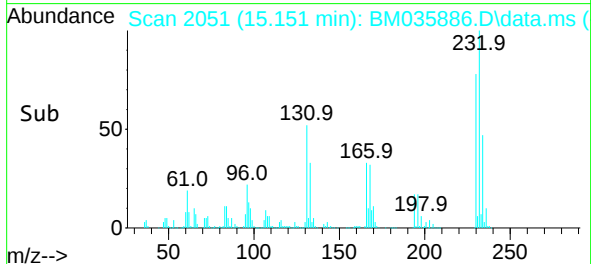
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



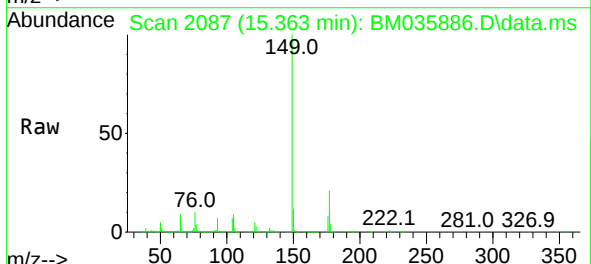
Tgt Ion:232 Resp: 75594
Ion Ratio Lower Upper
232 100
131 51.2 41.0 61.6
130 2.5 2.3 3.5
166 32.2 27.7 41.5

Manual Integrations
APPROVED

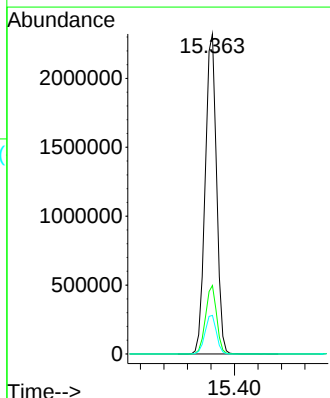
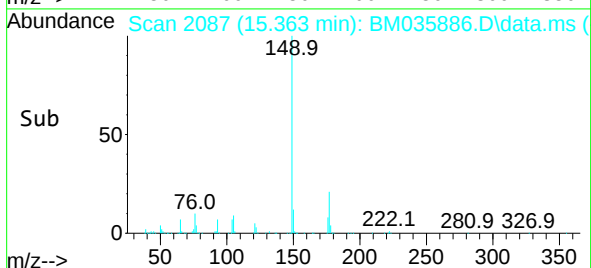
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

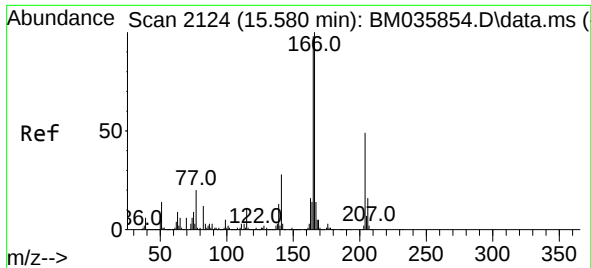


#60
Diethylphthalate
Concen: 44.685 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



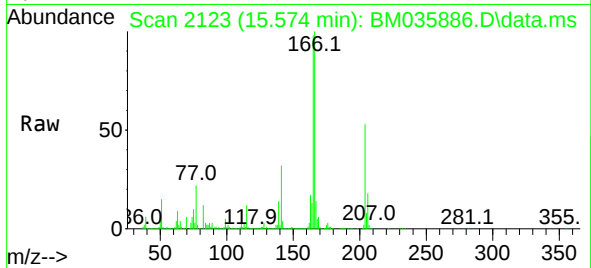
Tgt Ion:149 Resp: 3106054
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 12.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.265 ng
RT: 15.574 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

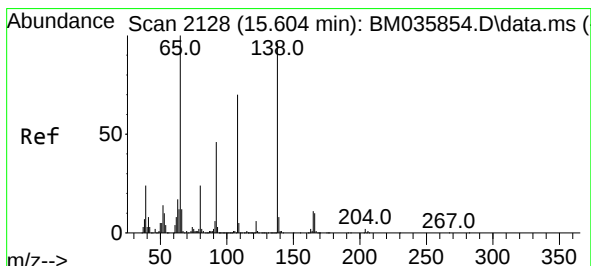
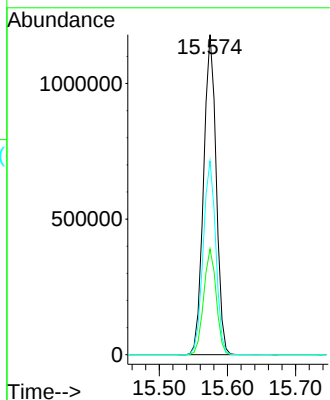
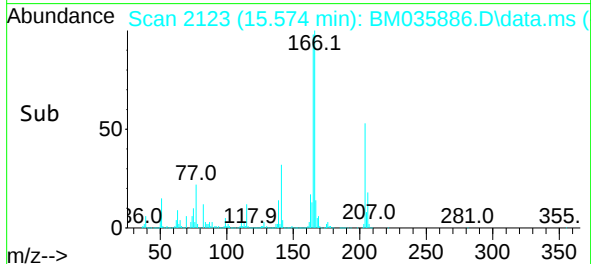
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



Tgt Ion:204 Resp: 1522074
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 60.5 51.2 76.8

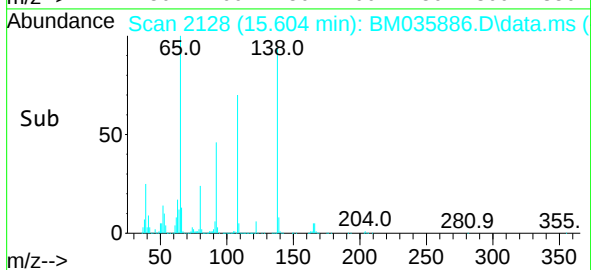
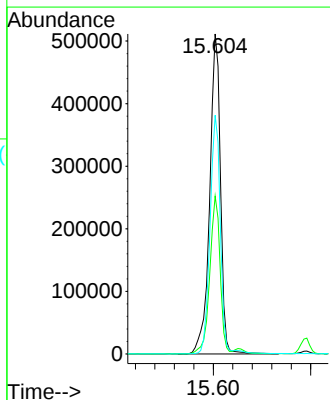
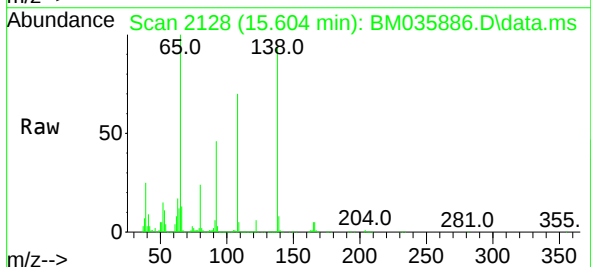
Manual Integrations
APPROVED

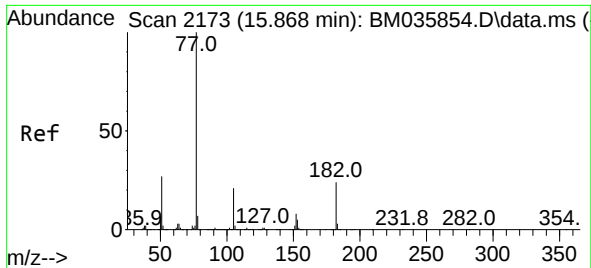
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#62
4-Nitroaniline
Concen: 43.374 ng
RT: 15.604 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

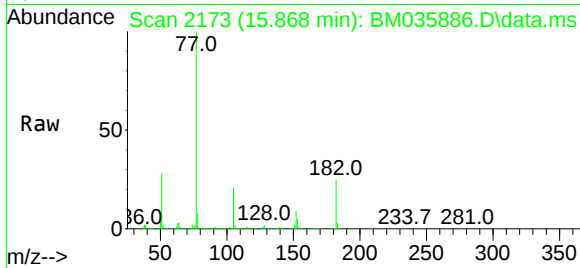
Tgt Ion:138 Resp: 784364
Ion Ratio Lower Upper
138 100
92 49.3 30.8 70.8
108 74.6 65.7 105.7





#63
Azobenzene
Concen: 43.387 ng
RT: 15.868 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

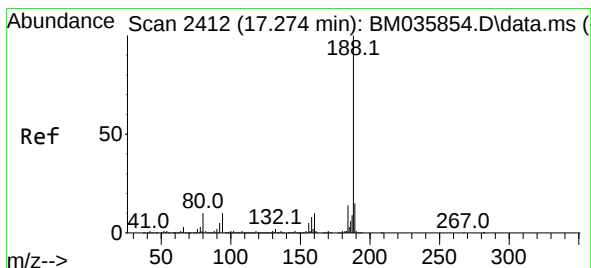
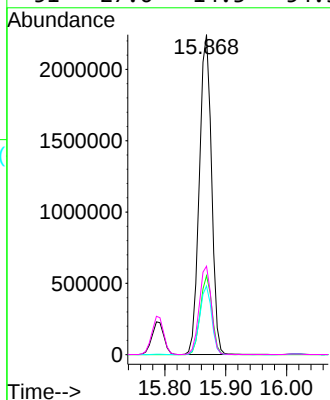
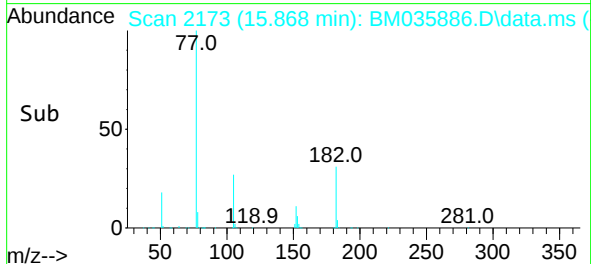
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



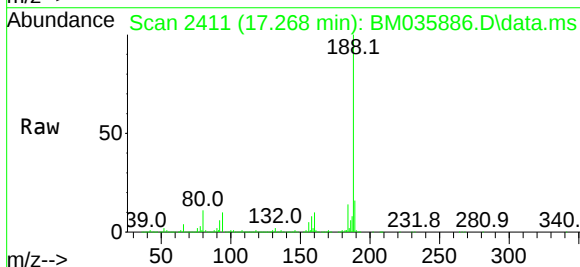
Tgt Ion: 77 Resp: 3096639
Ion Ratio Lower Upper
77 100
182 24.6 4.9 44.9
105 21.5 0.0 39.6
51 27.6 14.3 54.3

Manual Integrations
APPROVED

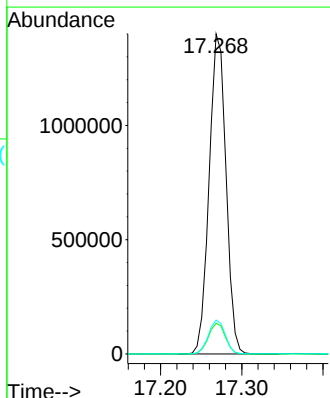
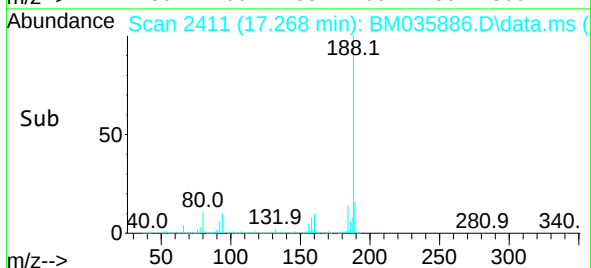
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

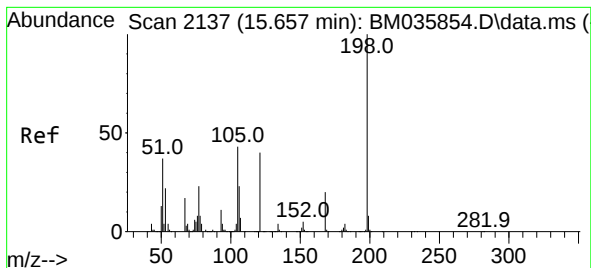


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



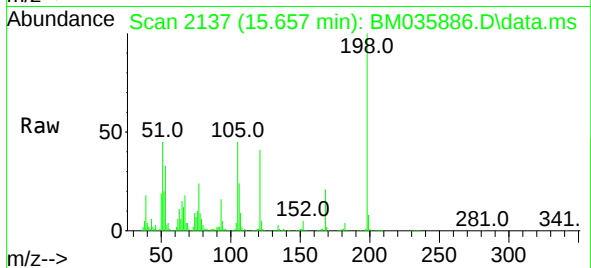
Tgt Ion:188 Resp: 2017990
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.6 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 41.037 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

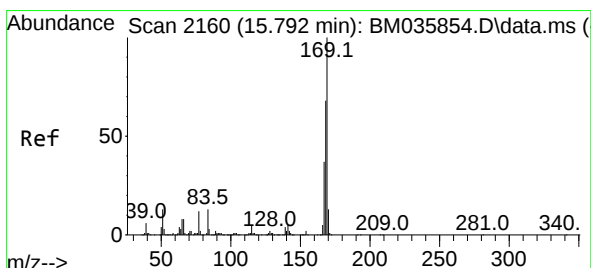
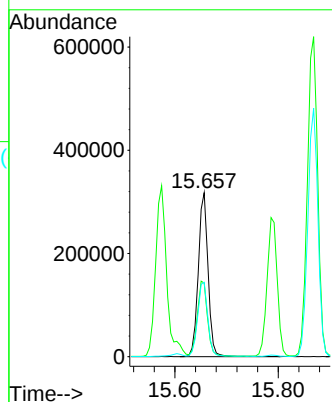
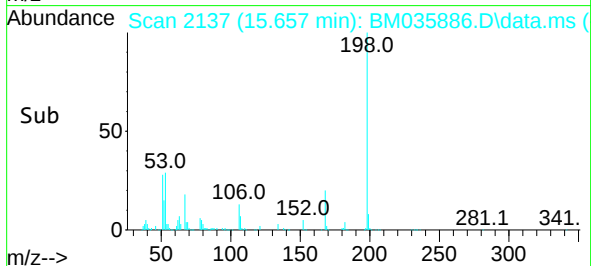
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



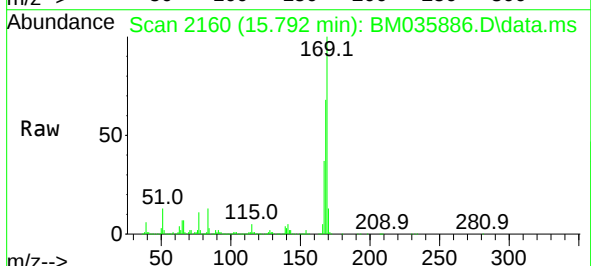
Tgt Ion:198 Resp: 41584
Ion Ratio Lower Upper
198 100
51 44.9 29.0 69.0
105 45.4 22.1 62.1

Manual Integrations
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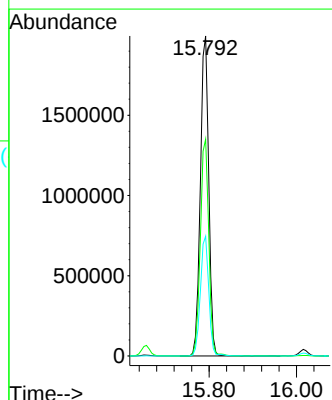
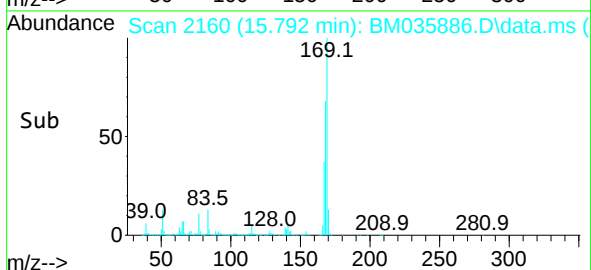
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

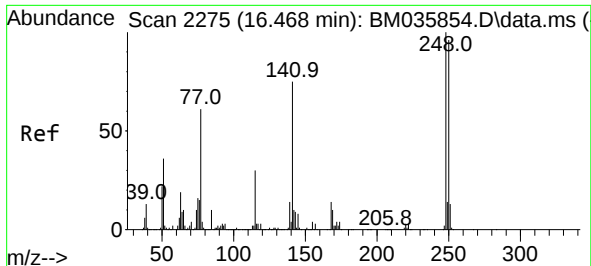


#66
n-Nitrosodiphenylamine
Concen: 44.810 ng
RT: 15.792 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



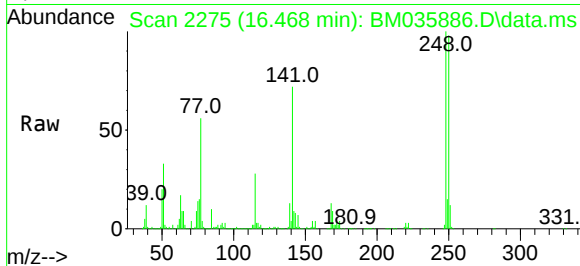
Tgt Ion:169 Resp: 2655244
Ion Ratio Lower Upper
169 100
168 67.8 54.3 81.5
167 37.4 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 44.034 ng
RT: 16.468 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

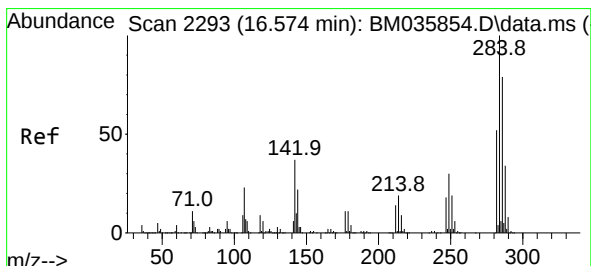
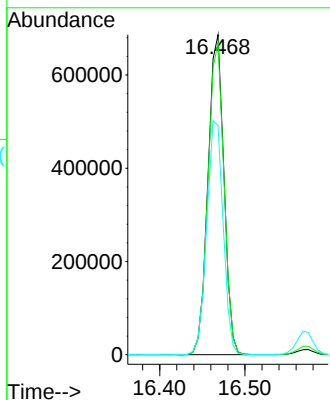
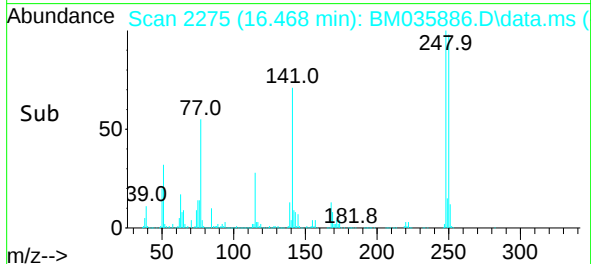
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



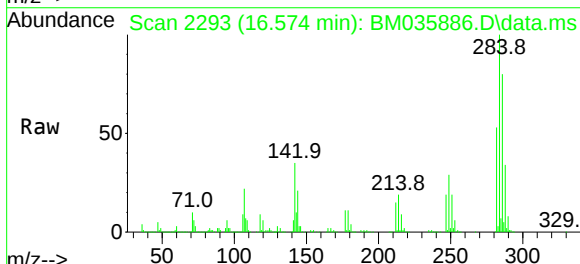
Tgt Ion:248 Resp: 893280
Ion Ratio Lower Upper
248 100
250 97.5 78.0 117.0
141 71.7 66.0 99.0

Manual Integrations
APPROVED

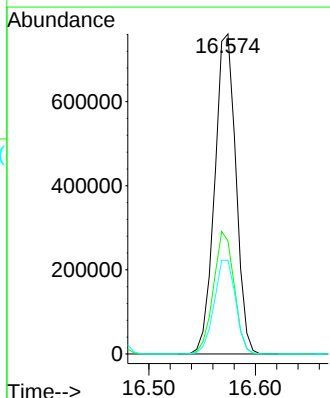
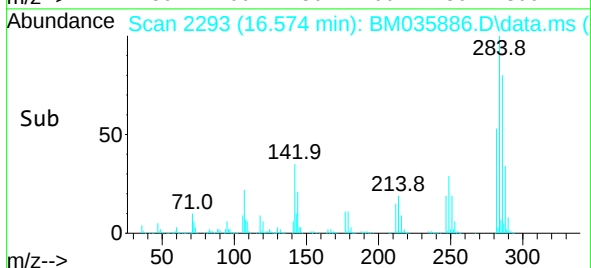
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

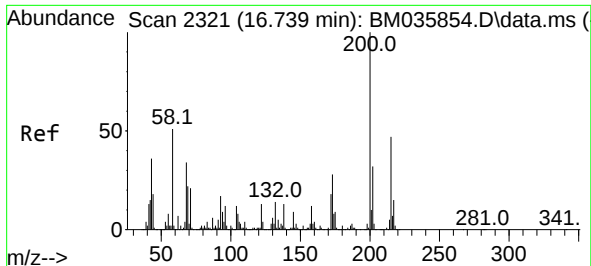


#68
Hexachlorobenzene
Concen: 44.574 ng
RT: 16.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



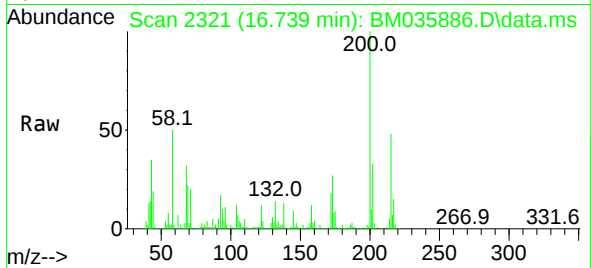
Tgt Ion:284 Resp: 1049681
Ion Ratio Lower Upper
284 100
142 35.3 33.6 50.4
249 29.3 26.2 39.2





#69
 Atrazine
 Concen: 55.525 ng
 RT: 16.739 min Scan# 2321
 Delta R.T. 0.000 min
 Lab File: BM035886.D
 Acq: 21 Jul 2022 12:46

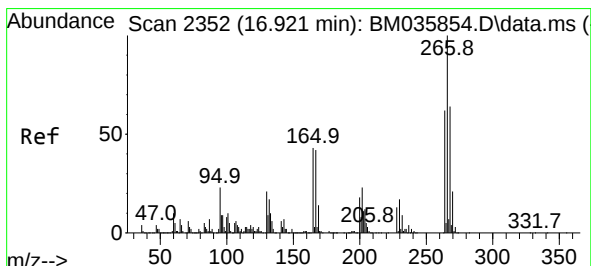
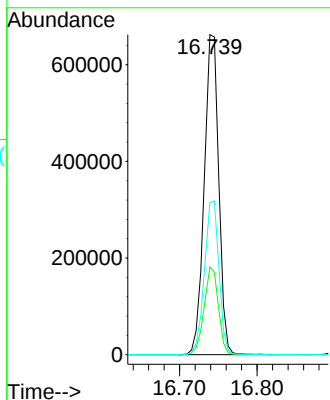
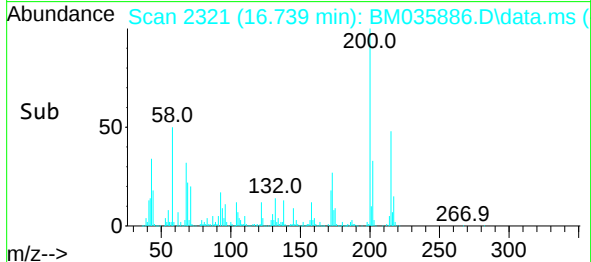
Instrument :
 BNA_M
 ClientSampleId :
 PB146339BSD



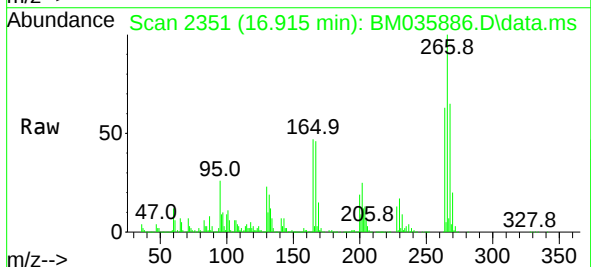
Tgt Ion:200 Resp: 864569
 Ion Ratio Lower Upper
 200 100
 173 27.4 6.6 46.6
 215 47.6 26.2 66.2

Manual Integrations
 APPROVED

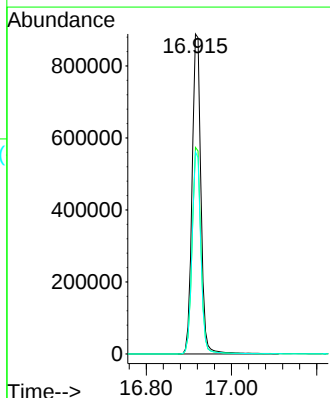
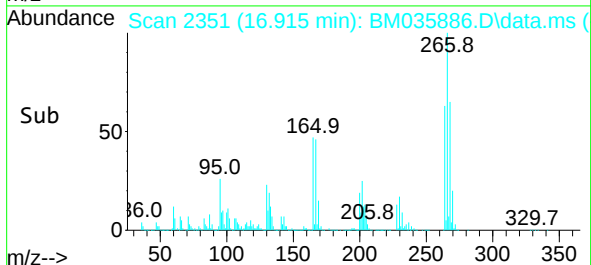
Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

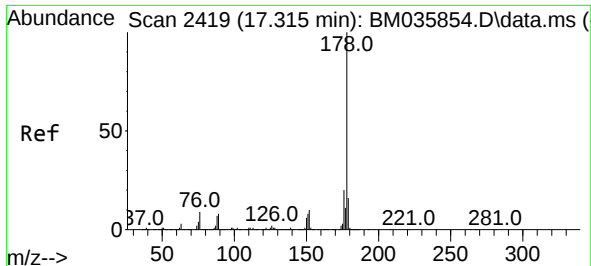


#70
 Pentachlorophenol
 Concen: 97.937 ng
 RT: 16.915 min Scan# 2351
 Delta R.T. -0.006 min
 Lab File: BM035886.D
 Acq: 21 Jul 2022 12:46



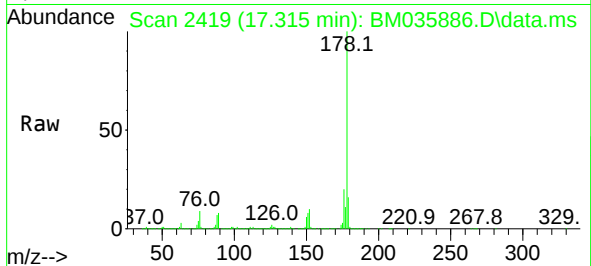
Tgt Ion:266 Resp: 1279784
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.9 77.9
 264 63.1 50.6 76.0





#71
Phenanthrene
Concen: 43.809 ng
RT: 17.315 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

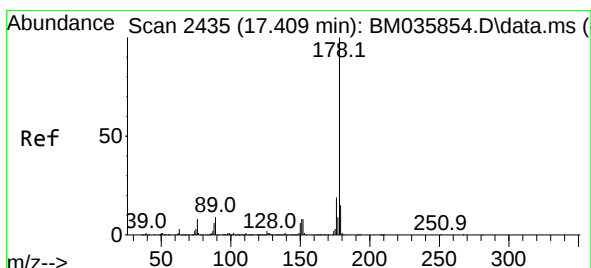
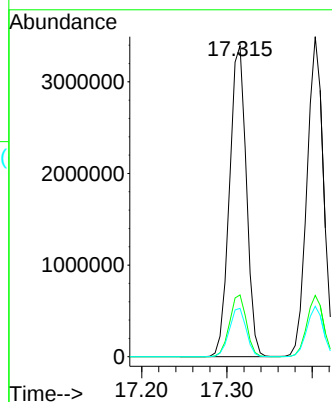
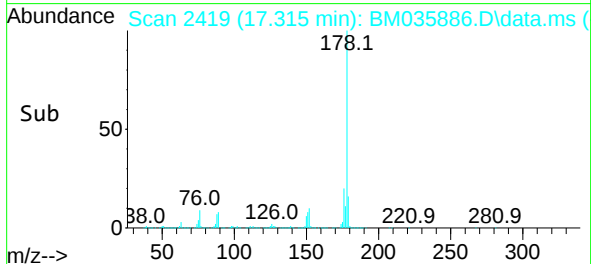
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



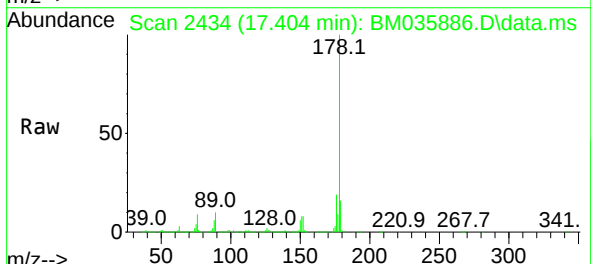
Tgt Ion:178 Resp: 4650733
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 15.5 12.4 18.6

Manual Integrations
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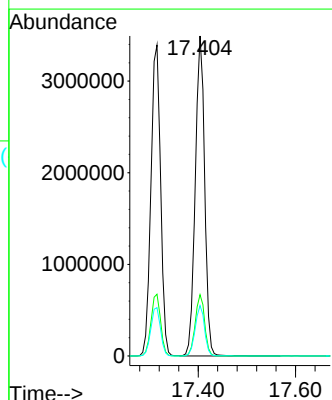
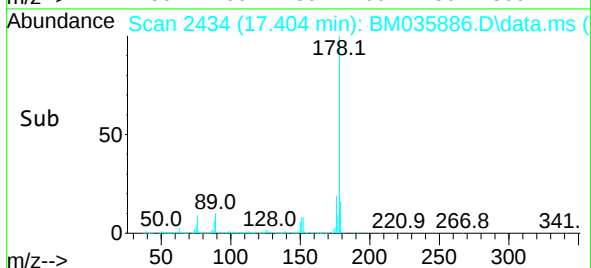
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

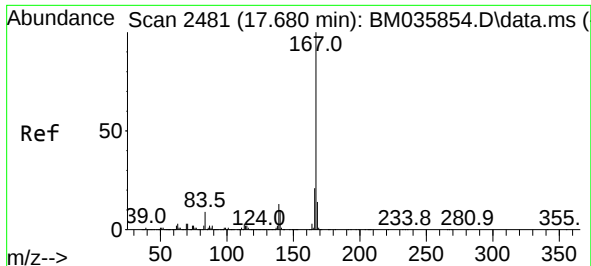


#72
Anthracene
Concen: 45.440 ng
RT: 17.404 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



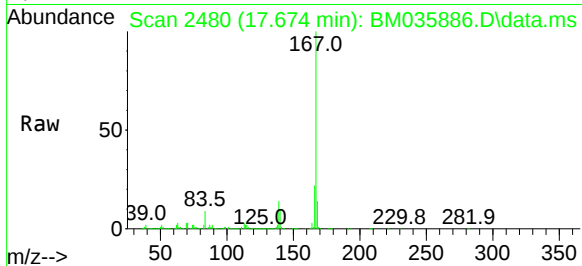
Tgt Ion:178 Resp: 4688777
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 15.7 12.2 18.2





#73
 Carbazole
 Concen: 41.368 ng
 RT: 17.674 min Scan# 2481
 Delta R.T. -0.006 min
 Lab File: BM035886.D
 Acq: 21 Jul 2022 12:46

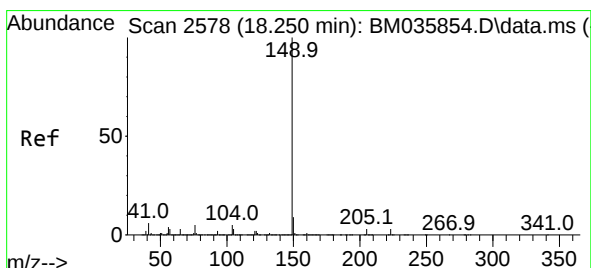
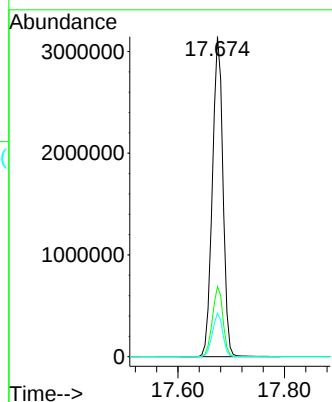
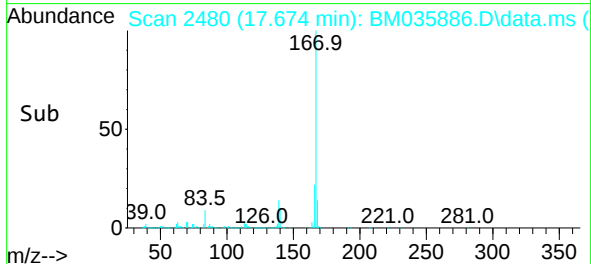
Instrument :
 BNA_M
 ClientSampleId :
 PB146339BSD



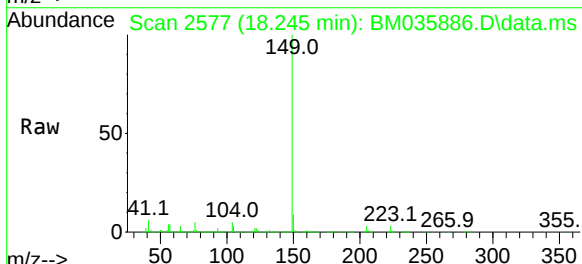
Tgt Ion:167 Resp: 433000
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 13.6 10.9 16.3

Manual Integrations
 APPROVED

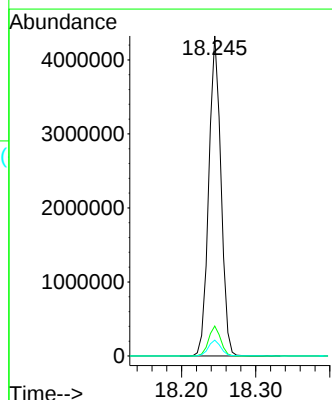
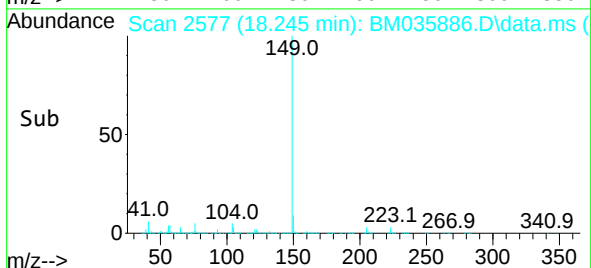
Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

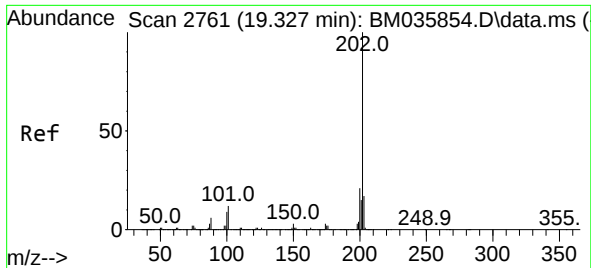


#74
 Di-n-butylphthalate
 Concen: 46.223 ng
 RT: 18.245 min Scan# 2577
 Delta R.T. -0.006 min
 Lab File: BM035886.D
 Acq: 21 Jul 2022 12:46



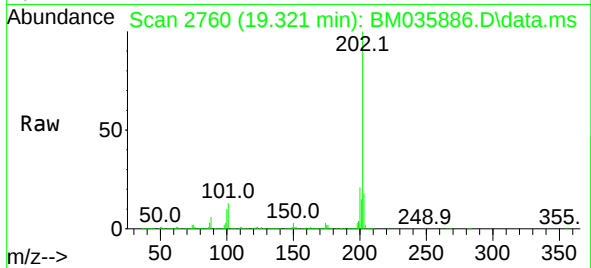
Tgt Ion:149 Resp: 4926117
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.0 4.3 6.5





#75
Fluoranthene
Concen: 42.960 ng
RT: 19.321 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

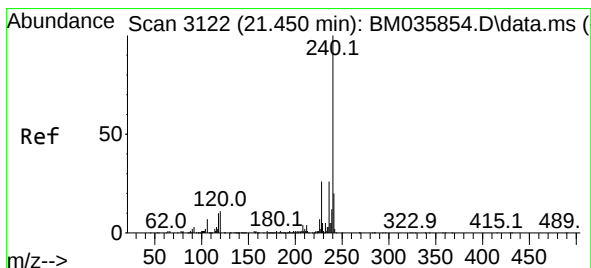
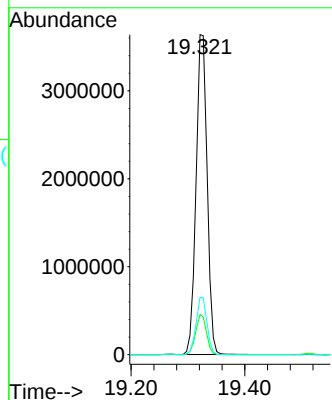
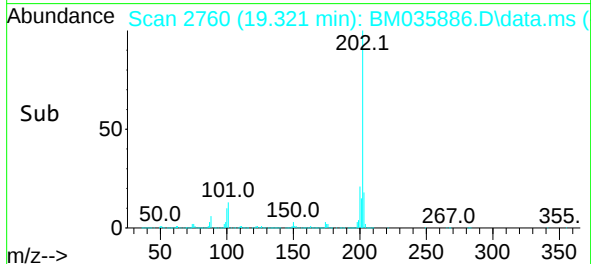
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



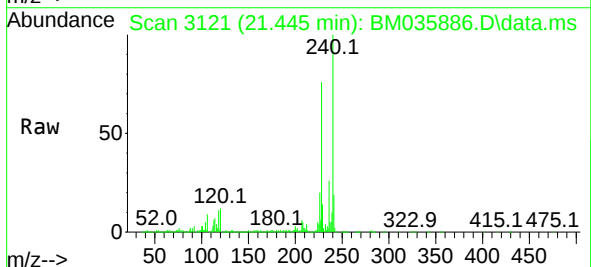
Tgt Ion:202 Resp: 4957074
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.6
203 17.9 0.0 37.4

Manual Integrations
APPROVED

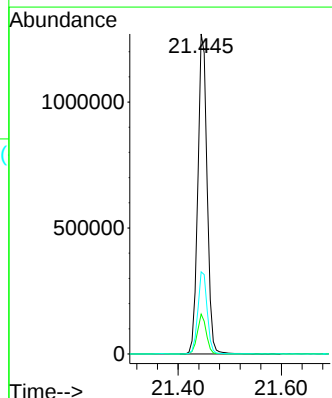
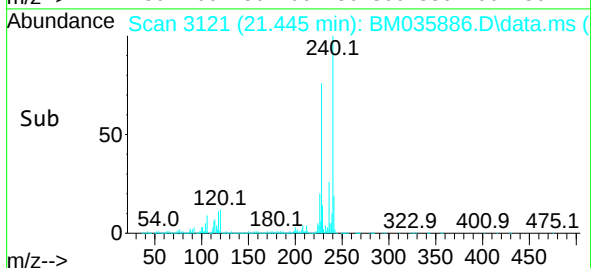
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

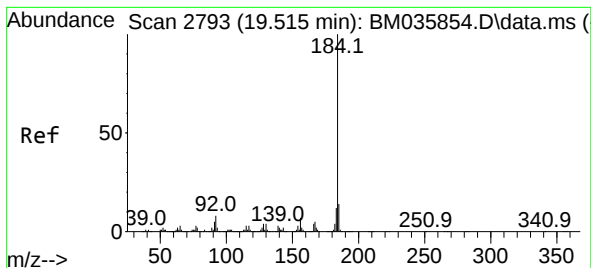


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



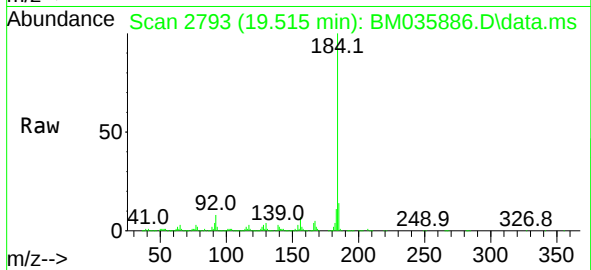
Tgt Ion:240 Resp: 1576902
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.0
236 25.7 20.6 30.8





#77
Benzidine
Concen: 98.918 ng
RT: 19.515 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

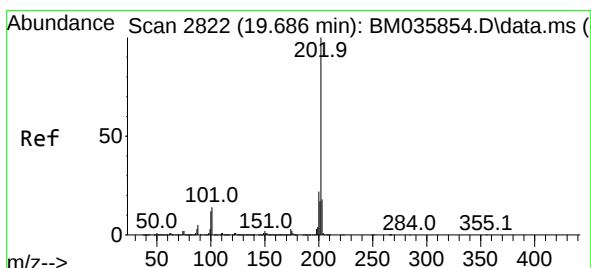
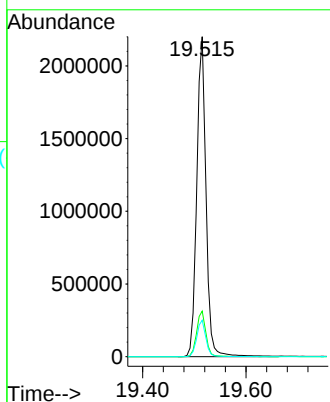
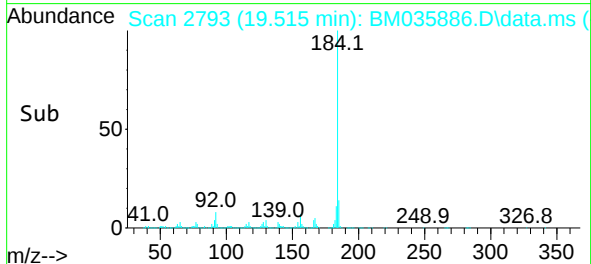
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



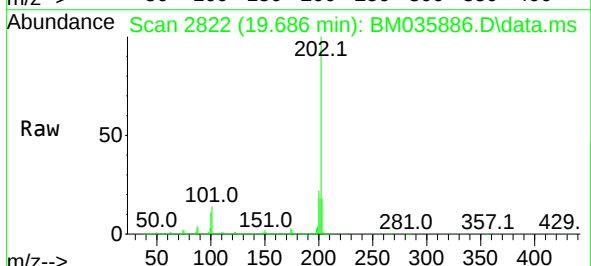
Tgt Ion:184 Resp: 273863
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.4 9.5 14.3

Manual Integrations
APPROVED

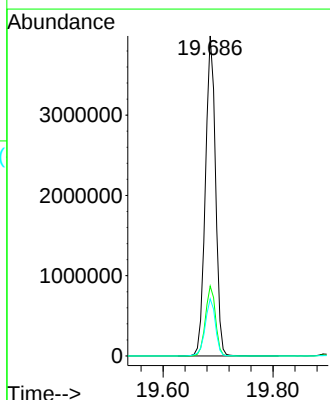
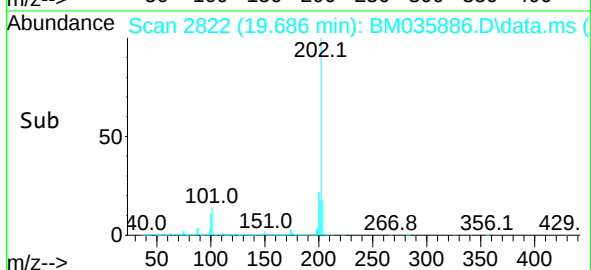
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

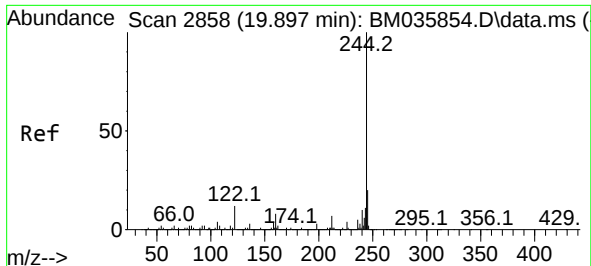


#78
Pyrene
Concen: 49.292 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



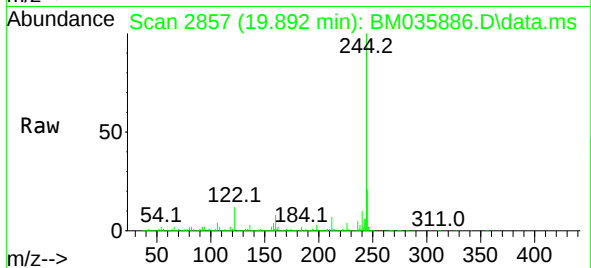
Tgt Ion:202 Resp: 5082305
Ion Ratio Lower Upper
202 100
200 21.8 16.7 25.1
203 17.9 13.9 20.9





#79
Terphenyl-d14
Concen: 102.460 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

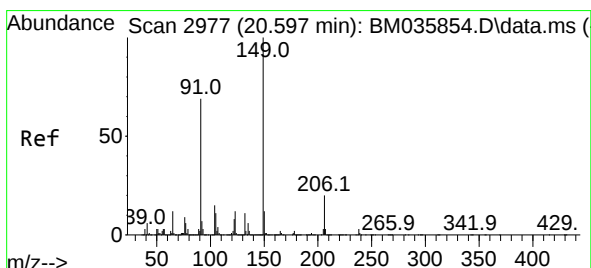
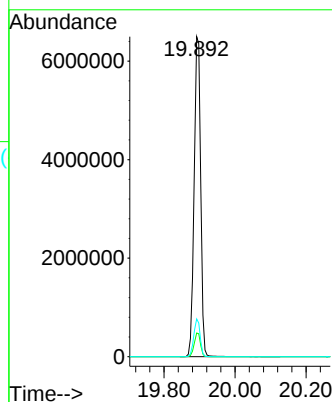
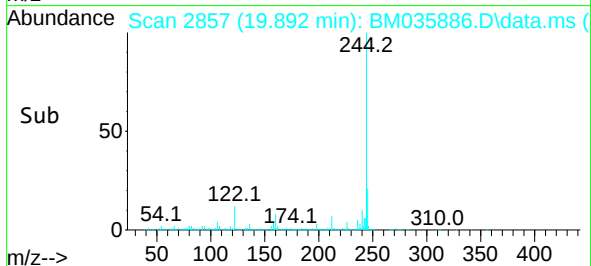
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



Tgt Ion:244 Resp: 8304120
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 11.8 8.3 12.5

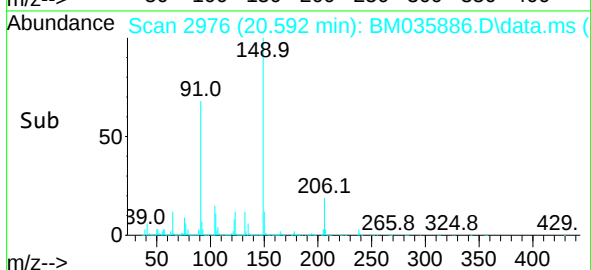
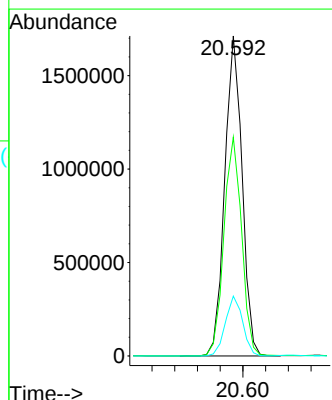
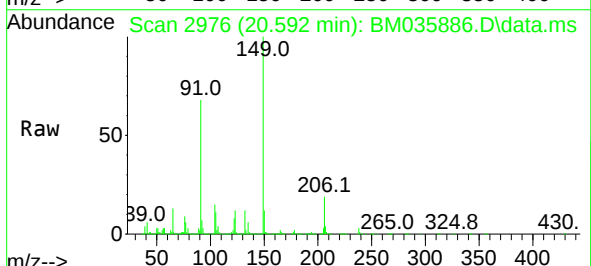
Manual Integrations
APPROVED

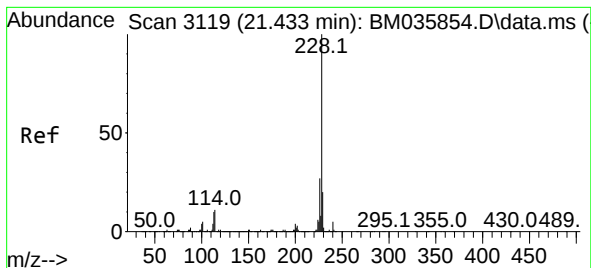
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#80
Butylbenzylphthalate
Concen: 49.284 ng
RT: 20.592 min Scan# 2976
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

Tgt Ion:149 Resp: 1813945
Ion Ratio Lower Upper
149 100
91 68.4 56.6 85.0
206 18.7 15.4 23.0





#81

Benzo(a)anthracene

Concen: 44.438 ng

RT: 21.433 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BM035886.D

Acq: 21 Jul 2022 12:46

Instrument :

BNA_M

ClientSampleId :

PB146339BSD

Tgt Ion:228 Resp: 443582

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

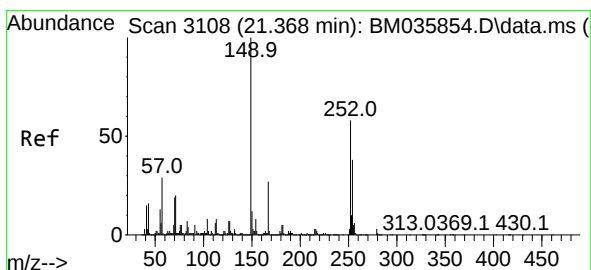
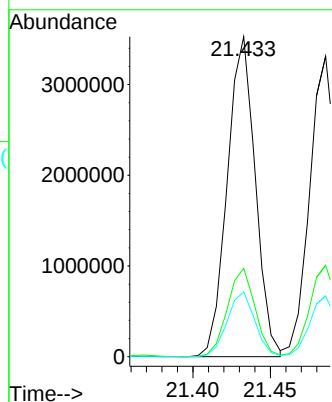
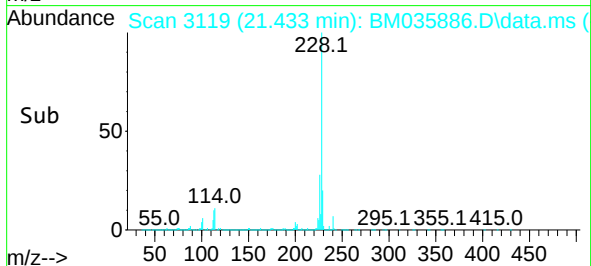
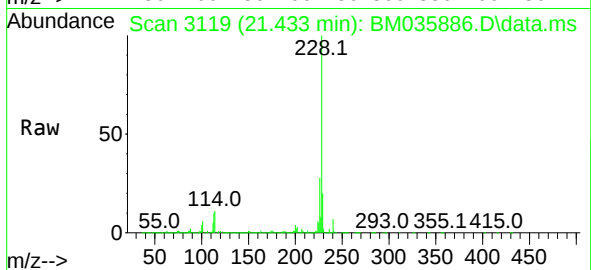
229 20.3 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#82

3,3'-Dichlorobenzidine

Concen: 54.402 ng

RT: 21.368 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BM035886.D

Acq: 21 Jul 2022 12:46

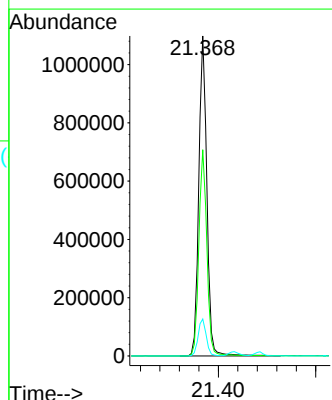
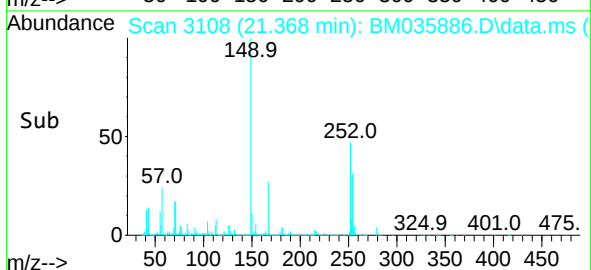
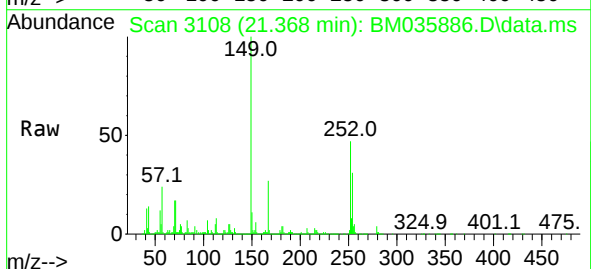
Tgt Ion:252 Resp: 1272039

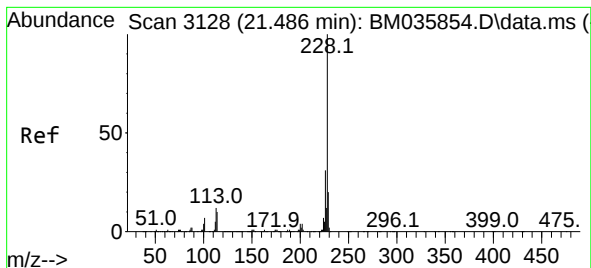
Ion Ratio Lower Upper

252 100

254 64.5 51.7 77.5

126 11.5 9.4 14.0





#83

Chrysene

Concen: 43.424 ng

RT: 21.486 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM035886.D

Acq: 21 Jul 2022 12:46

Instrument :

BNA_M

ClientSampleId :

PB146339BSD

Tgt Ion:228 Resp: 413625

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

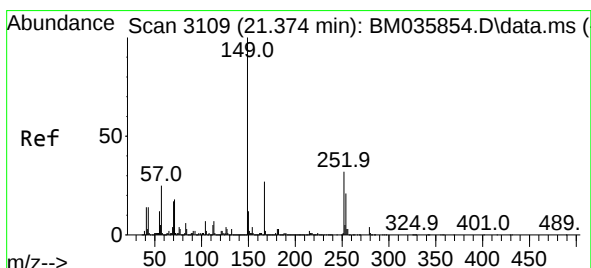
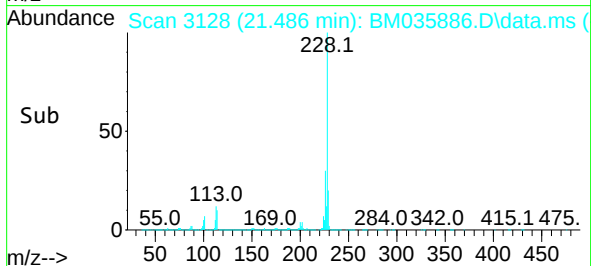
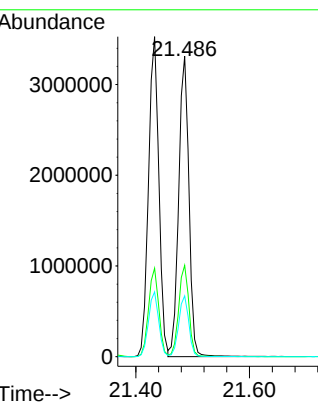
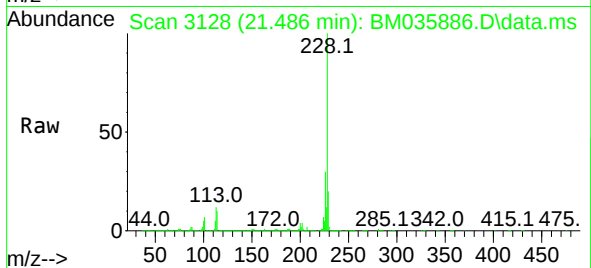
229 20.2 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.790 ng

RT: 21.368 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BM035886.D

Acq: 21 Jul 2022 12:46

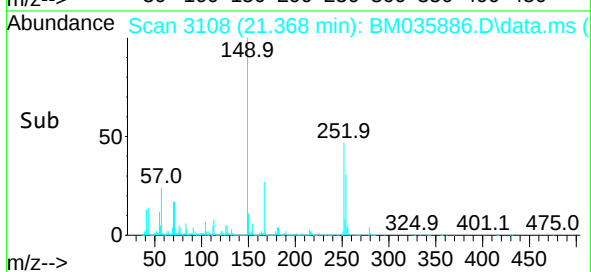
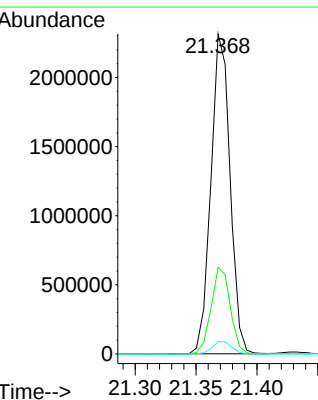
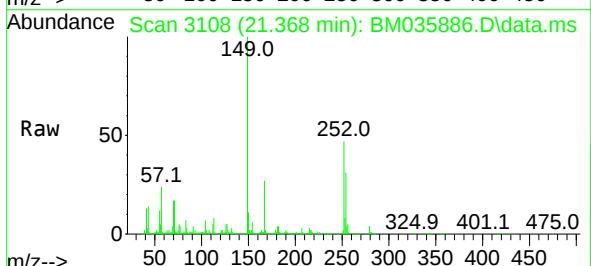
Tgt Ion:149 Resp: 2531121

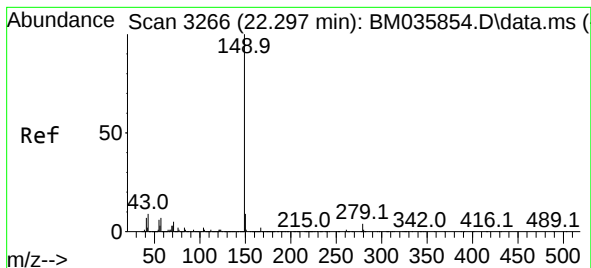
Ion Ratio Lower Upper

149 100

167 27.1 21.1 31.7

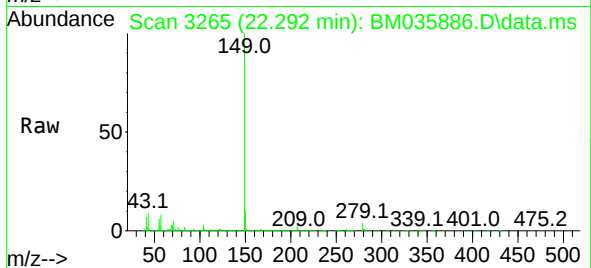
279 3.8 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 44.379 ng
RT: 22.292 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

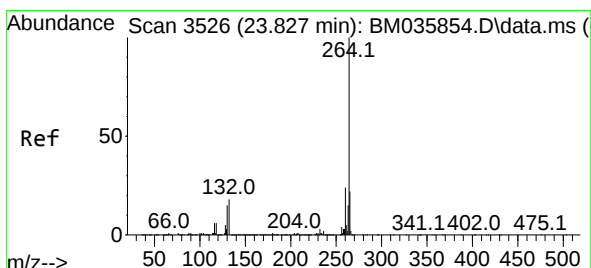
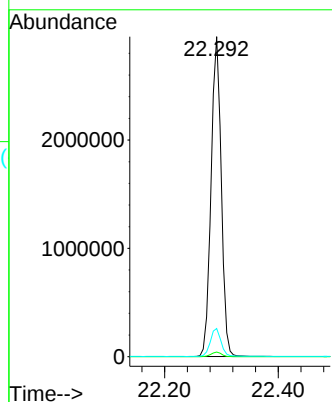
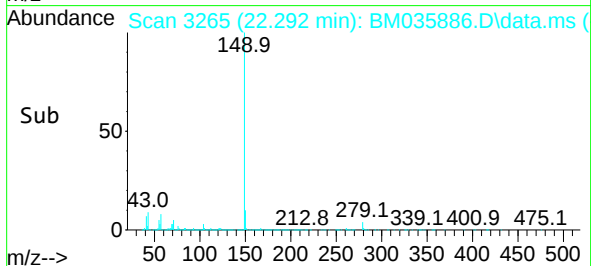
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



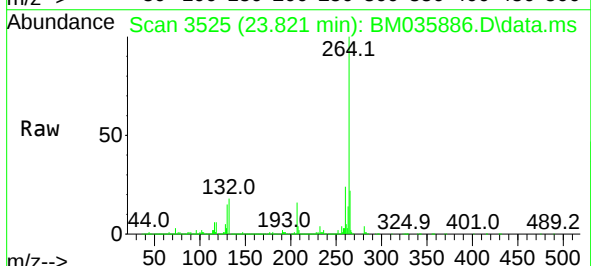
Tgt Ion:149 Resp: 3652549
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.2 8.6 12.8

Manual Integrations
APPROVED

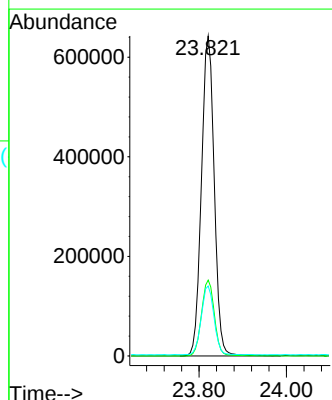
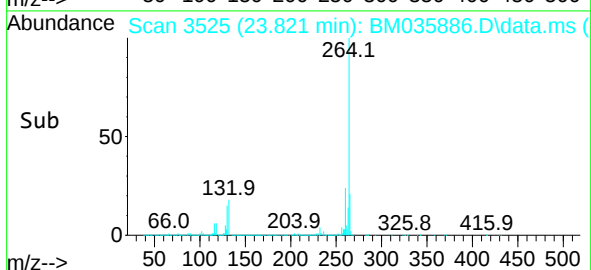
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

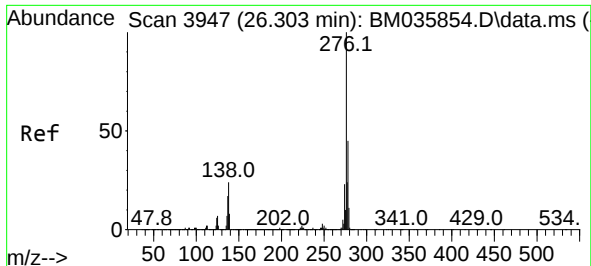


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.821 min Scan# 3525
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



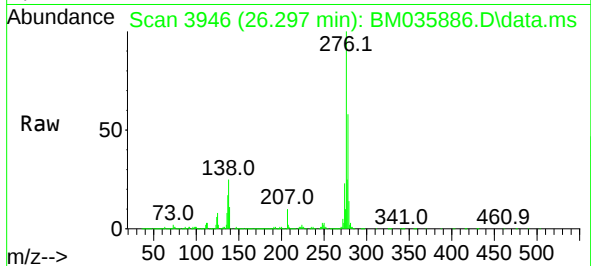
Tgt Ion:264 Resp: 1311283
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 21.9 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.529 ng
RT: 26.297 min Scan# 3946
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

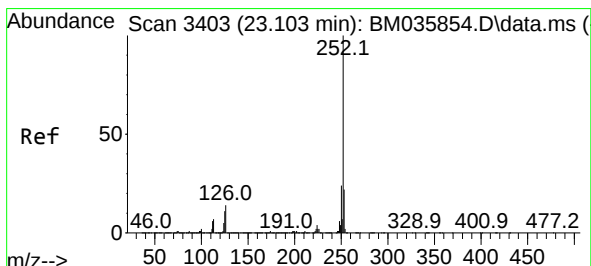
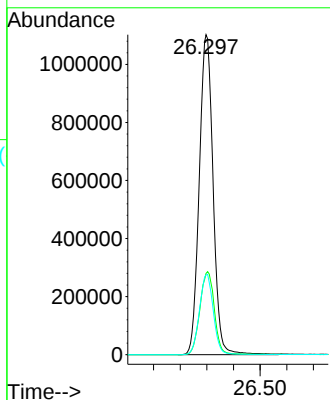
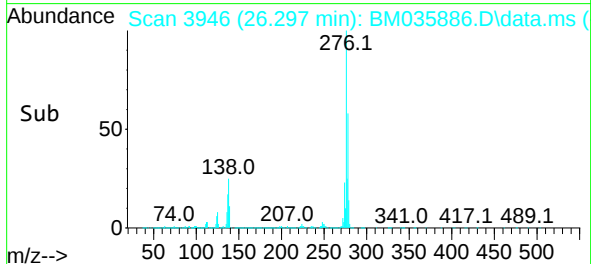
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



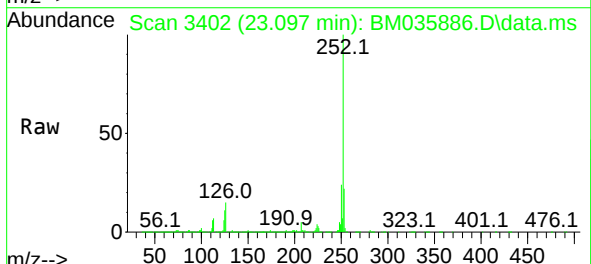
Tgt Ion:276 Resp: 3978830
Ion Ratio Lower Upper
276 100
138 27.1 20.2 30.4
277 25.1 20.2 30.2

Manual Integrations
APPROVED

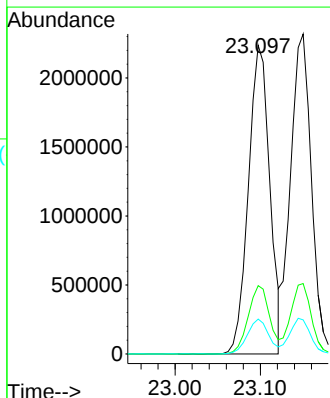
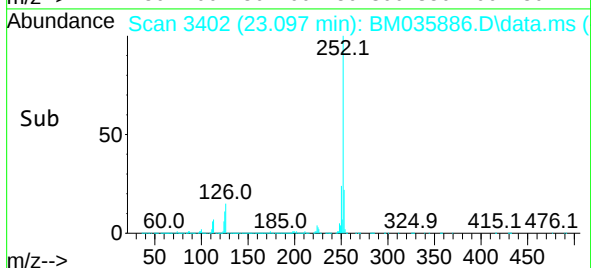
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

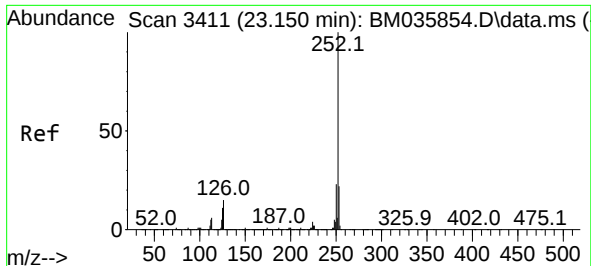


#88
Benzo(b)fluoranthene
Concen: 49.928 ng
RT: 23.097 min Scan# 3402
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



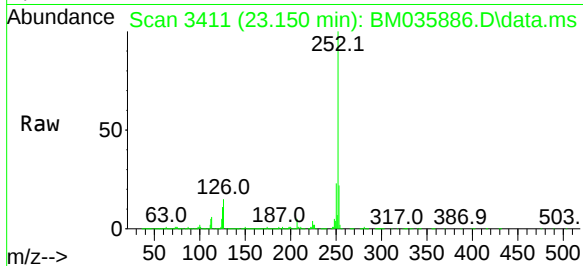
Tgt Ion:252 Resp: 3897112
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 11.3 7.6 11.4





#89
Benzo(k)fluoranthene
Concen: 49.406 ng
RT: 23.150 min Scan# 3411
Delta R.T. 0.000 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

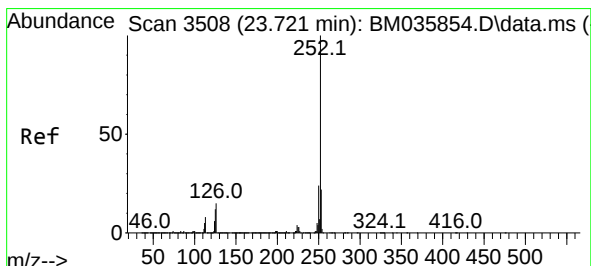
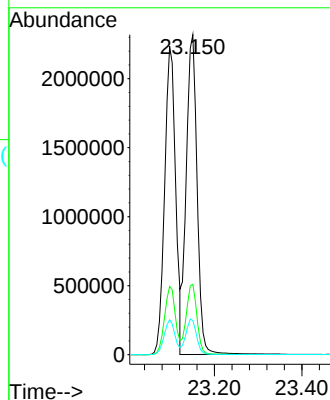
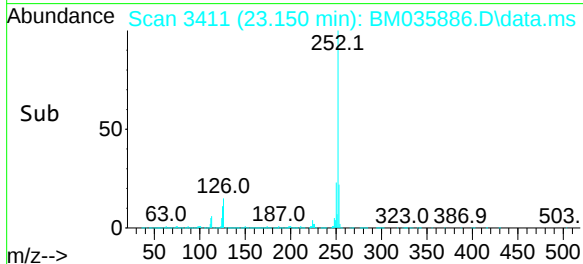
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



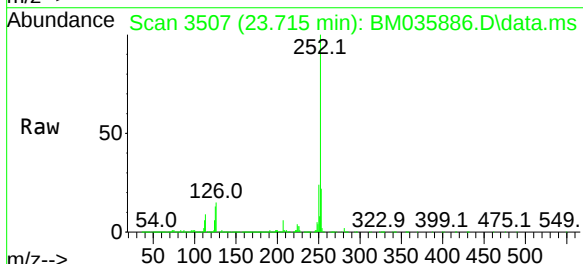
Tgt Ion:252 Resp: 3990822
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.7 7.6 11.4

Manual Integrations
APPROVED

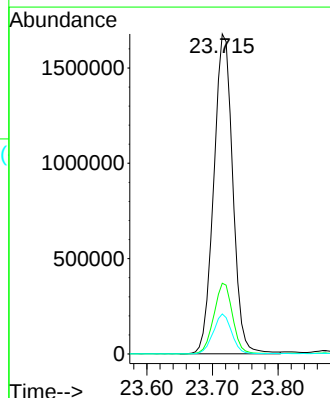
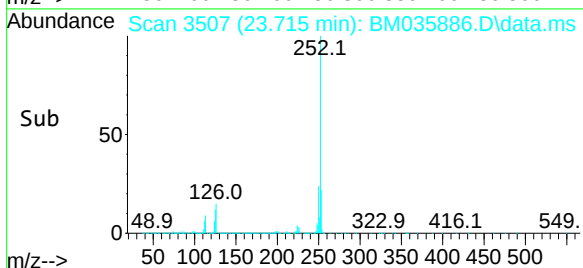
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

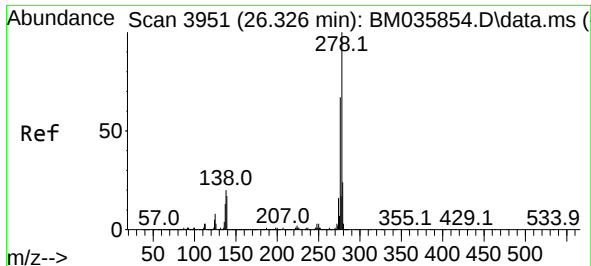


#90
Benzo(a)pyrene
Concen: 50.681 ng
RT: 23.715 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



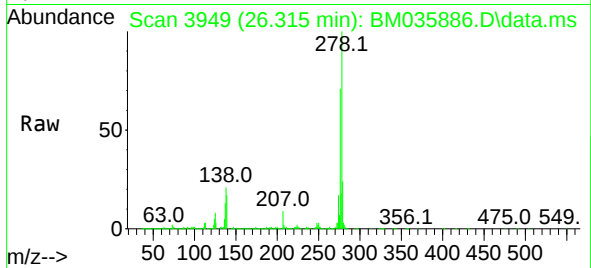
Tgt Ion:252 Resp: 3367181
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 12.5 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 43.871 ng
RT: 26.315 min Scan# 3949
Delta R.T. -0.012 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46

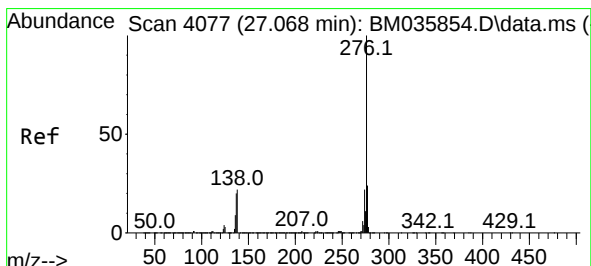
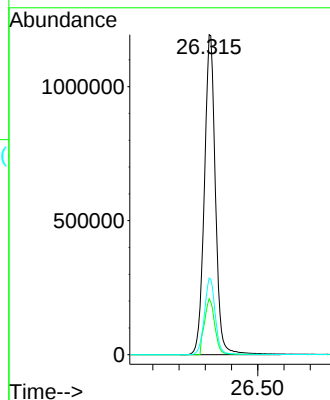
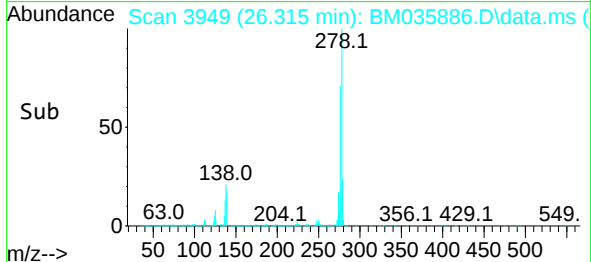
Instrument :
BNA_M
ClientSampleId :
PB146339BSD



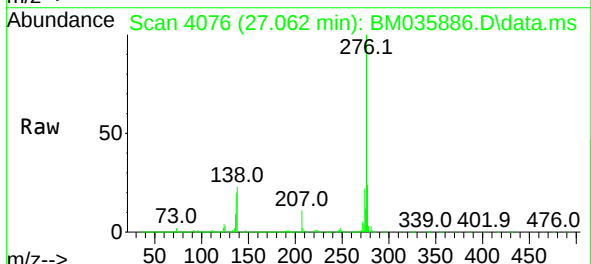
Tgt Ion:278 Resp: 349284
Ion Ratio Lower Upper
278 100
139 17.5 12.9 19.3
279 23.9 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#92
Benzo(g,h,i)perylene
Concen: 43.527 ng
RT: 27.062 min Scan# 4076
Delta R.T. -0.006 min
Lab File: BM035886.D
Acq: 21 Jul 2022 12:46



Tgt Ion:276 Resp: 3417568
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 23.0 17.6 26.4

