

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
 Data File : BM035409.D
 Acq On : 07 Jun 2022 12:19
 Operator : CG/JU
 Sample : PB145347BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145347BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/08/2022
 Supervised By : Jagrut Upadhyay 06/09/2022

Quant Time: Jun 07 14:29:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 14:28:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	272652	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1113061	20.000	ng	# 0.00
39) Acenaphthene-d10	14.486	164	752011	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	1629261	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1532491	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	1374661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1798315	138.596	ng	0.00
7) Phenol-d6	7.034	99	2225305	125.555	ng	0.00
23) Nitrobenzene-d5	9.010	82	1313203	74.914	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	1347962	111.718	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	4013574	76.655	ng	0.00
79) Terphenyl-d14	19.862	244	6307216	81.995	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	127835	29.369	ng	# 85
3) Pyridine	3.722	79	335321	28.250	ng	# 86
4) n-Nitrosodimethylamine	3.634	42	196862	43.954	ng	# 57
6) Aniline	7.175	93	827150	42.695	ng	92
8) 2-Chlorophenol	7.416	128	730815	44.887	ng	89
9) Benzaldehyde	6.987	77	294679	39.238	ng	85
10) Phenol	7.057	94	790509	46.266	ng	89
11) bis(2-Chloroethyl)ether	7.269	93	581943	41.870	ng	90
12) 1,3-Dichlorobenzene	7.734	146	750039	39.447	ng	# 92
13) 1,4-Dichlorobenzene	7.875	146	774278	39.662	ng	96
14) 1,2-Dichlorobenzene	8.193	146	736961	38.498	ng	97
15) Benzyl Alcohol	8.093	79	516317m	39.867	ng	
16) 2,2'-oxybis(1-Chloropr...	8.381	45	664665	39.223	ng	92
17) 2-Methylphenol	8.304	107	555399	42.997	ng	94
18) Hexachloroethane	8.916	117	246801	38.759	ng	# 84
19) n-Nitroso-di-n-propyla...	8.663	70	431551	38.503	ng	# 83
20) 3+4-Methylphenols	8.634	107	762283	42.161	ng	94
22) Acetophenone	8.675	105	940919	38.025	ng	# 89
24) Nitrobenzene	9.051	77	635430	40.017	ng	89
25) Isophorone	9.587	82	1225757	40.429	ng	# 93
26) 2-Nitrophenol	9.763	139	412969	39.745	ng	# 80
27) 2,4-Dimethylphenol	9.834	122	647538	46.995	ng	96
28) bis(2-Chloroethoxy)met...	10.057	93	801538	38.255	ng	# 98
29) 2,4-Dichlorophenol	10.304	162	771349	41.055	ng	96
30) 1,2,4-Trichlorobenzene	10.510	180	819572	37.921	ng	97
31) Naphthalene	10.692	128	2085164	38.664	ng	99
32) Benzoic acid	10.045	122	485786	39.414	ng	90
33) 4-Chloroaniline	10.810	127	744278	32.954	ng	# 93
34) Hexachlorobutadiene	10.981	225	510359	35.711	ng	98
35) Caprolactam	11.628	113	211505m	38.249	ng	
36) 4-Chloro-3-methylphenol	11.957	107	680947	39.314	ng	91
37) 2-Methylnaphthalene	12.310	142	1538254	37.799	ng	96
38) 1-Methylnaphthalene	12.528	142	1477096	37.038	ng	# 100
40) 1,2,4,5-Tetrachloroben...	12.681	216	975410	39.564	ng	# 96
41) Hexachlorocyclopentadiene	12.657	237	910863	76.051	ng	98
43) 2,4,6-Trichlorophenol	12.928	196	665272	39.980	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	724187	40.536	ng	# 89
46) 1,1'-Biphenyl	13.322	154	2114501	39.445	ng	98
47) 2-Chloronaphthalene	13.363	162	1658526	39.658	ng	96
48) 2-Nitroaniline	13.575	65	377929	40.665	ng	# 74
49) Acenaphthylene	14.210	152	2685801	42.171	ng	99
50) Dimethylphthalate	13.957	163	2108409	38.139	ng	# 98
51) 2,6-Dinitrotoluene	14.069	165	488077	41.359	ng	# 72
52) Acenaphthene	14.551	154	1447572	37.536	ng	99
53) 3-Nitroaniline	14.404	138	386744	34.523	ng	84
54) 2,4-Dinitrophenol	14.622	184	610806	72.899	ng	# 68
55) Dibenzofuran	14.886	168	2461001	37.155	ng	91
56) 4-Nitrophenol	14.739	139	695441	82.719	ng	# 70
57) 2,4-Dinitrotoluene	14.863	165	650034	40.240	ng	# 77
58) Fluorene	15.533	166	1948028	37.643	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.122	232	617391	37.542	ng	# 78
60) Diethylphthalate	15.316	149	2003734	36.652	ng	95
61) 4-Chlorophenyl-phenyle...	15.527	204	1073100	36.153	ng	# 87
62) 4-Nitroaniline	15.569	138	436099	37.311	ng	# 81
63) Azobenzene	15.821	77	1430266	36.847	ng	84
65) 4,6-Dinitro-2-methylph...	15.633	198	406302	37.121	ng	# 75
66) n-Nitrosodiphenylamine	15.751	169	1810214	39.372	ng	99
67) 4-Bromophenyl-phenylether	16.421	248	769401	38.959	ng	# 85
68) Hexachlorobenzene	16.545	284	878629	39.774	ng	# 82
69) Atrazine	16.704	200	702268	41.507	ng	95
70) Pentachlorophenol	16.892	266	981351	81.277	ng	100
71) Phenanthrene	17.274	178	3261589	39.551	ng	100
72) Anthracene	17.368	178	3312311	40.317	ng	100
73) Carbazole	17.639	167	2948020	38.102	ng	97
74) Di-n-butylphthalate	18.204	149	3478176	36.201	ng	# 98
75) Fluoranthene	19.292	202	3802304	38.195	ng	98
77) Benzidine	19.480	184	1429218	49.542	ng	99
78) Pyrene	19.657	202	3871584	41.660	ng	100
80) Butylbenzylphthalate	20.556	149	1491465	37.783	ng	# 82
81) Benzo(a)anthracene	21.403	228	3785573	40.234	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	1283923	51.891	ng	# 98
83) Chrysene	21.456	228	3489544	38.842	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	2164731	36.408	ng	# 94
85) Di-n-octyl phthalate	22.245	149	3688079	35.488	ng	# 91
87) Indeno(1,2,3-cd)pyrene	26.221	276	3877729	42.523	ng	95
88) Benzo(b)fluoranthene	23.062	252	3648095	46.075	ng	98
89) Benzo(k)fluoranthene	23.109	252	3560486	43.945	ng	99
90) Benzo(a)pyrene	23.674	252	3422752	50.773	ng	98
91) Dibenzo(a,h)anthracene	26.233	278	3462723	45.494	ng	97
92) Benzo(g,h,i)perylene	26.968	276	3416960	46.543	ng	95

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

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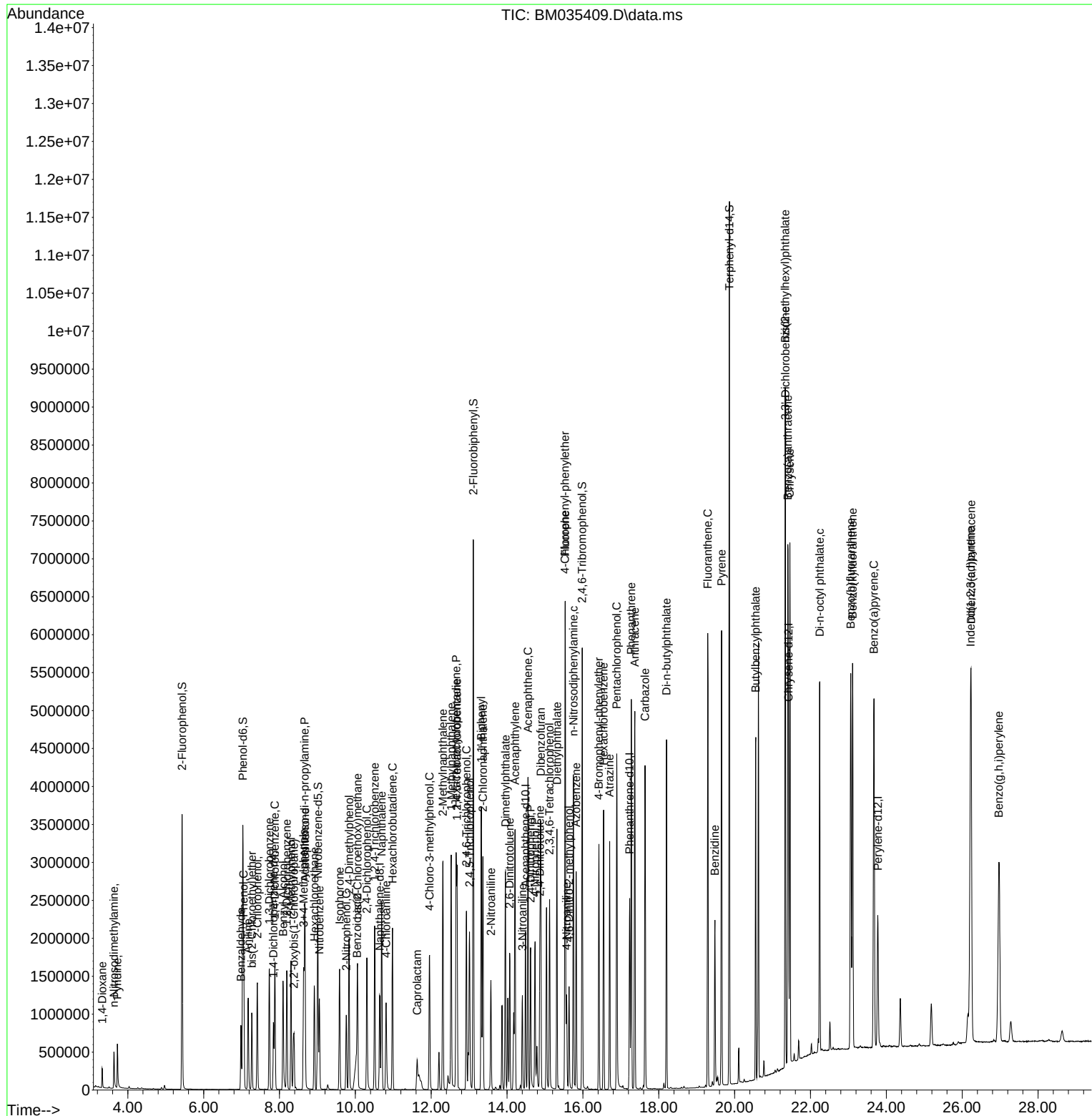
Quant Time: Jun 07 14:29:37 2022

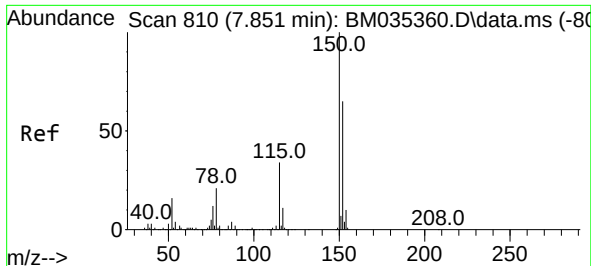
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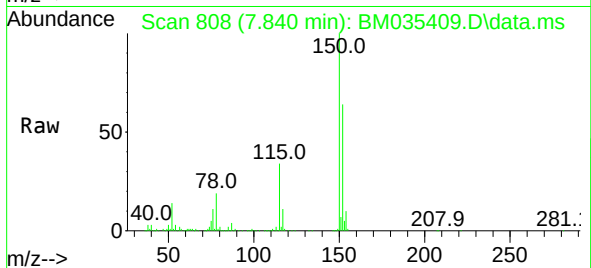
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM035409.D
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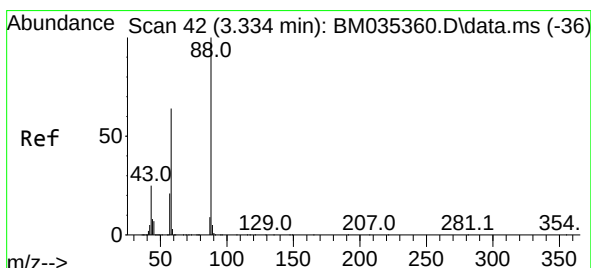
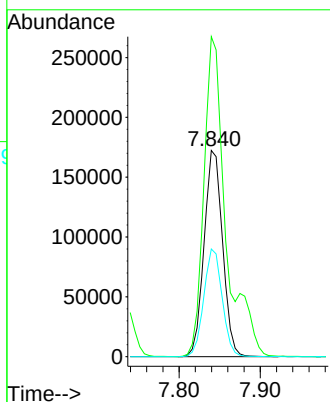
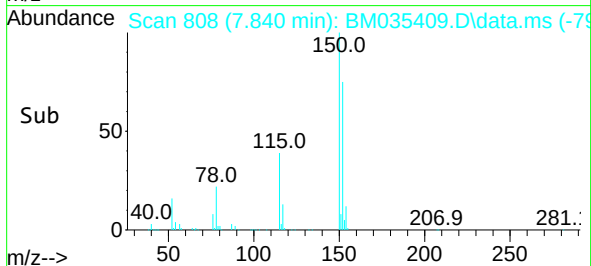
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Tgt Ion:152 Resp: 272652
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 52.3 47.9 71.9

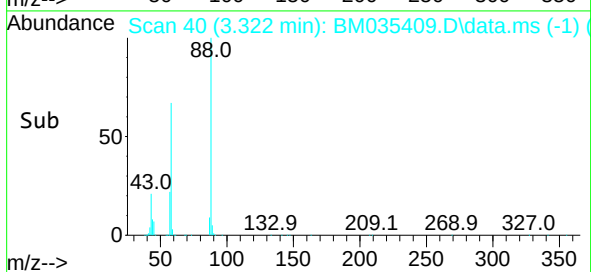
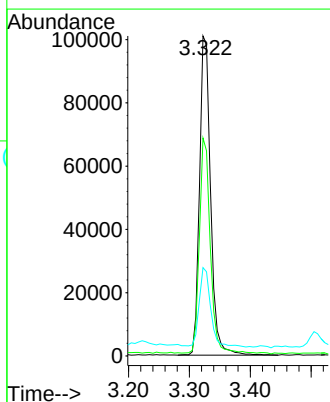
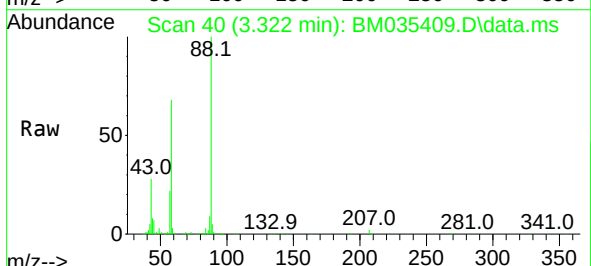
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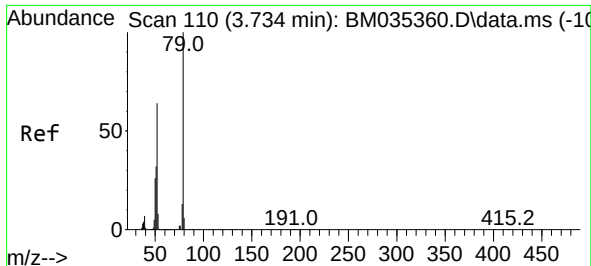
Reviewed By :Christian Giraldo 06/08/2022
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#2
1,4-Dioxane
Concen: 29.369 ng
RT: 3.322 min Scan# 40
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

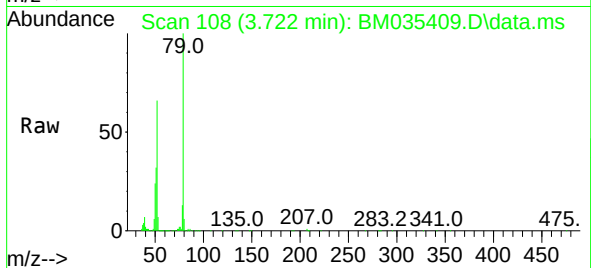
Tgt Ion: 88 Resp: 127835
Ion Ratio Lower Upper
88 100
58 65.9 62.3 93.5
43 25.9 28.7 43.1#





#3
Pyridine
Concen: 28.250 ng
RT: 3.722 min Scan# 108
Delta R.T. -0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

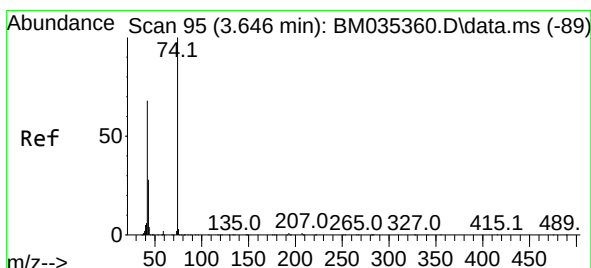
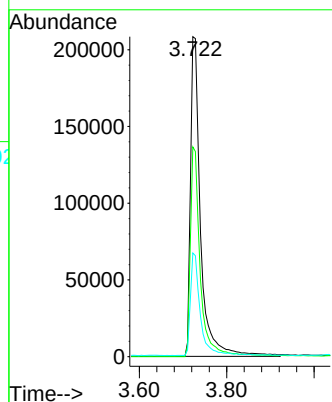
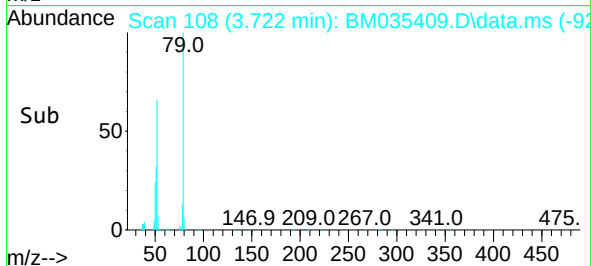
Instrument :
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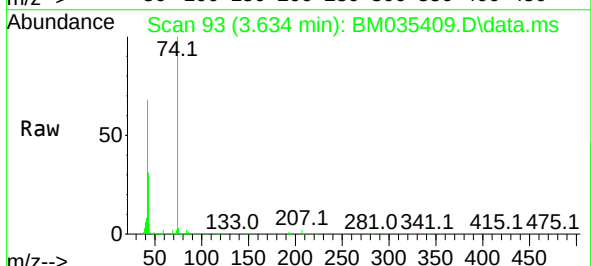
Tgt Ion: 79 Resp: 33532
Ion Ratio Lower Upper
79 100
52 65.6 61.9 92.9
51 32.4 33.5 50.3

Manual Integrations
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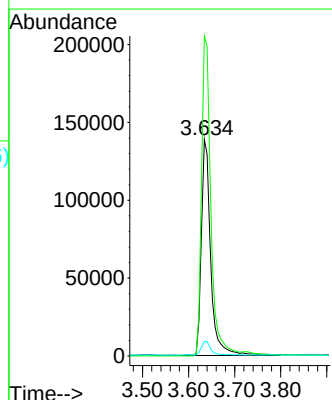
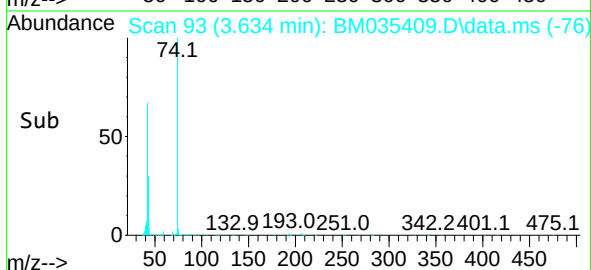
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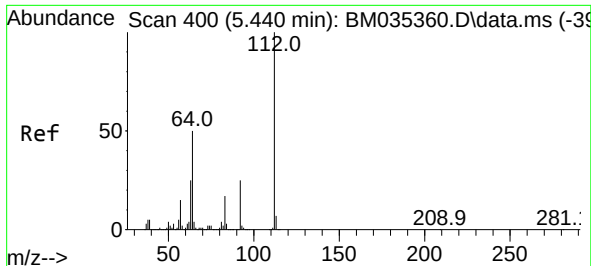


#4
n-Nitrosodimethylamine
Concen: 43.954 ng
RT: 3.634 min Scan# 93
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



Tgt Ion: 42 Resp: 196862
Ion Ratio Lower Upper
42 100
74 147.8 81.6 122.4
44 6.7 5.2 7.8





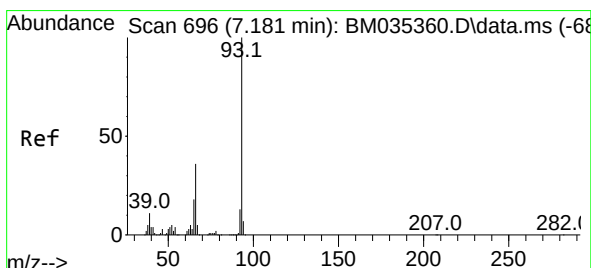
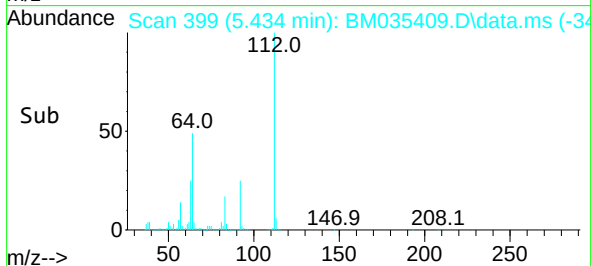
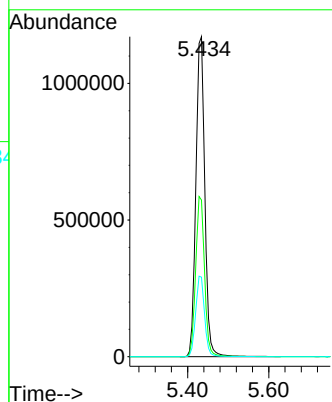
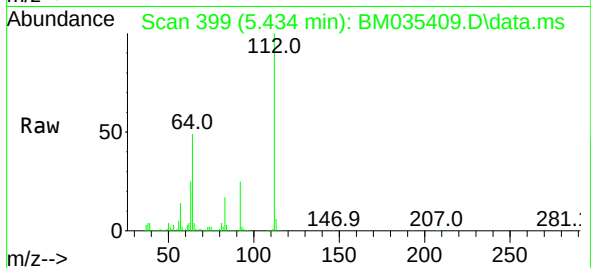
#5
2-Fluorophenol
Concen: 138.596 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

Instrument :
BNA_M
ClientSampleId :
PB145347BS

Tgt Ion:112 Resp: 1798315
Ion Ratio Lower Upper
112 100
64 48.9 47.8 71.6
63 24.8 26.6 40.0

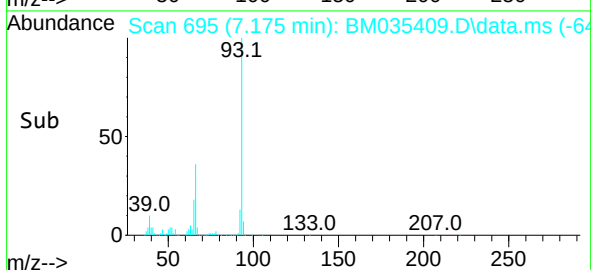
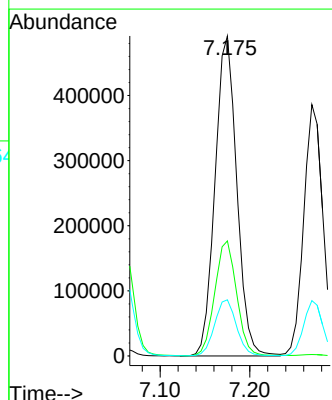
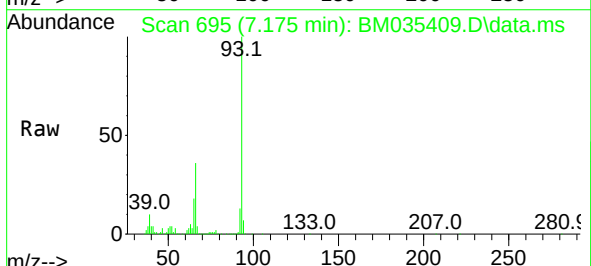
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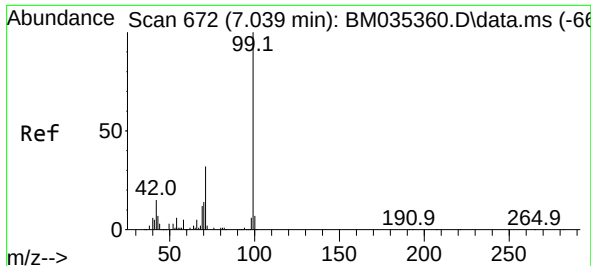
Reviewed By :Christian Giraldo 06/08/2022
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#6
Aniline
Concen: 42.695 ng
RT: 7.175 min Scan# 695
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

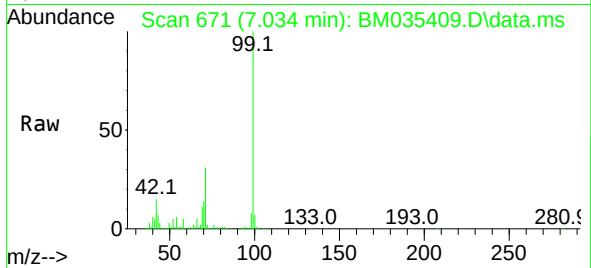
Tgt Ion: 93 Resp: 827150
Ion Ratio Lower Upper
93 100
66 35.9 32.6 49.0
65 17.6 16.8 25.2





#7
Phenol-d6
Concen: 125.555 ng
RT: 7.034 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

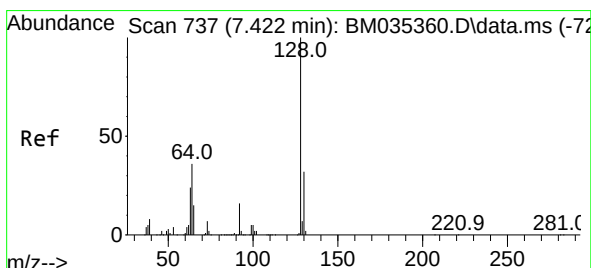
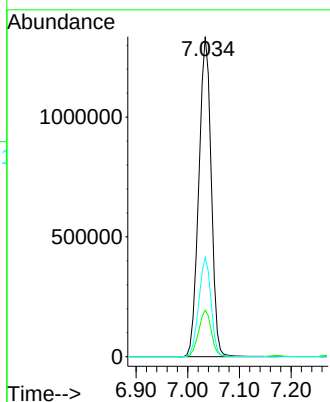
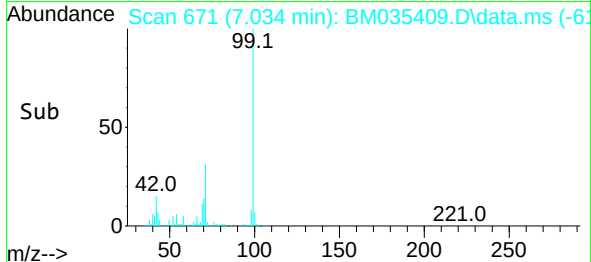
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Tgt Ion: 99 Resp: 222530
Ion Ratio Lower Upper
99 100
42 14.5 18.8 28.2
71 31.1 30.2 45.2

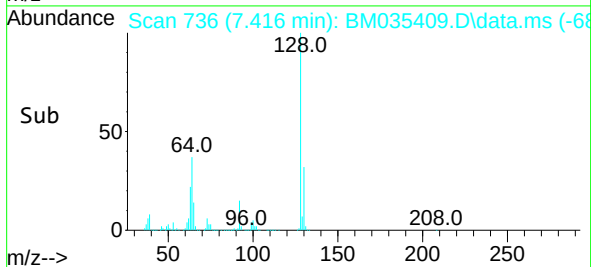
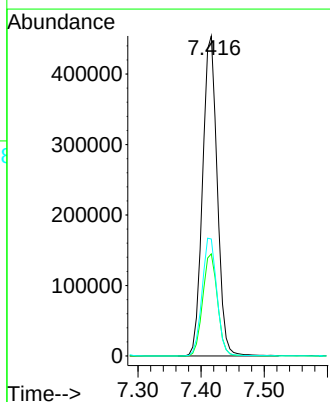
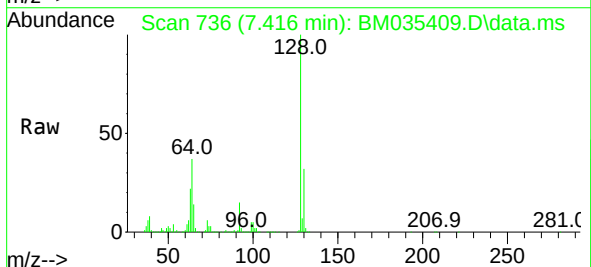
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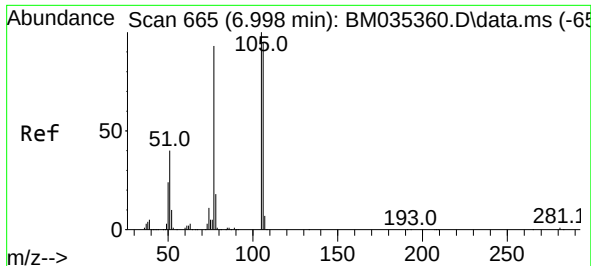
Reviewed By :Christian Giraldo 06/08/2022
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#8
2-Chlorophenol
Concen: 44.887 ng
RT: 7.416 min Scan# 736
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

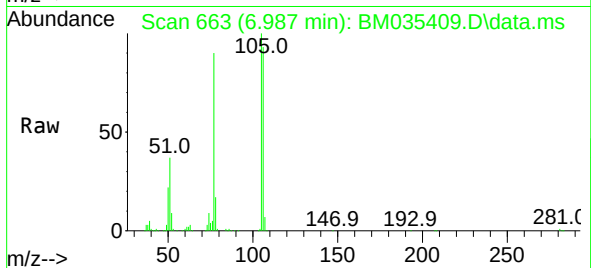
Tgt Ion:128 Resp: 730815
Ion Ratio Lower Upper
128 100
130 31.9 10.9 50.9
64 36.6 28.2 68.2





#9
Benzaldehyde
Concen: 39.238 ng
RT: 6.987 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM035409.D
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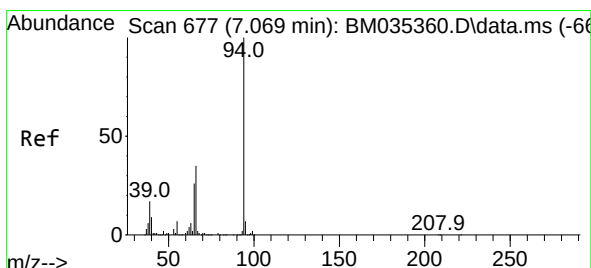
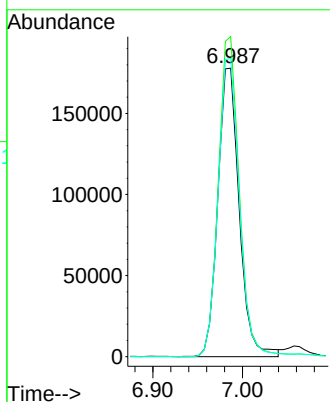
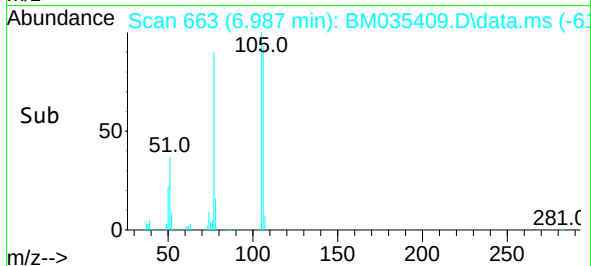
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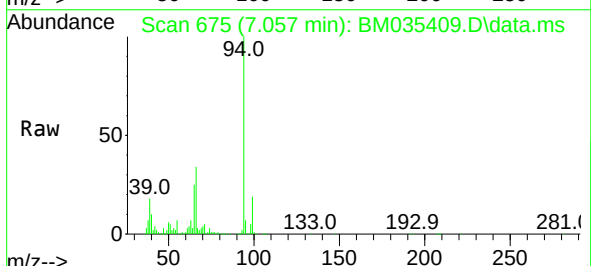
Tgt Ion: 77 Resp: 294679
Ion Ratio Lower Upper
77 100
105 110.9 76.3 116.3
106 103.4 69.0 109.0

Manual Integrations
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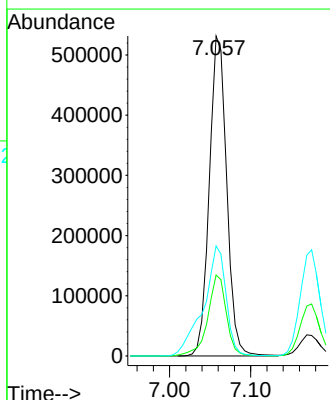
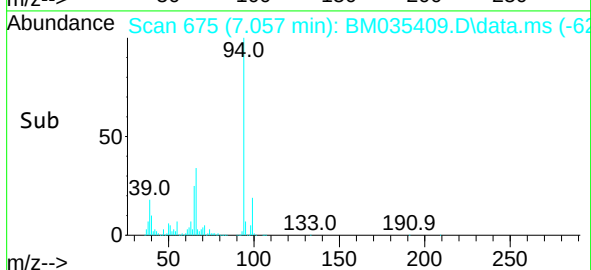
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

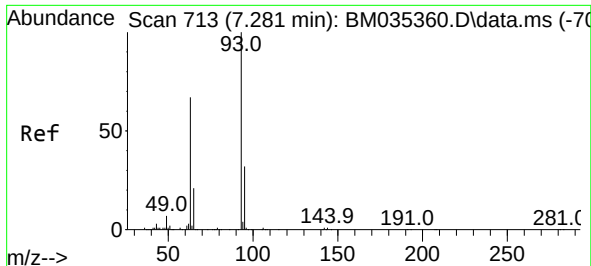


#10
Phenol
Concen: 46.266 ng
RT: 7.057 min Scan# 675
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



Tgt Ion: 94 Resp: 790509
Ion Ratio Lower Upper
94 100
65 25.3 11.4 51.4
66 34.4 21.4 61.4





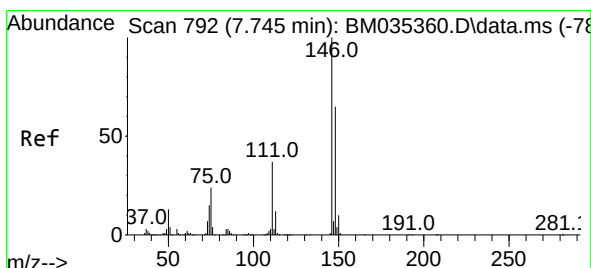
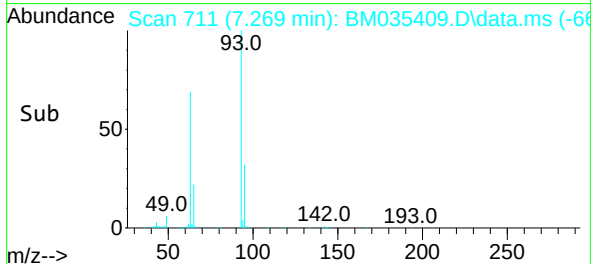
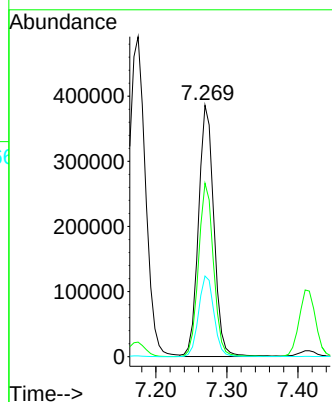
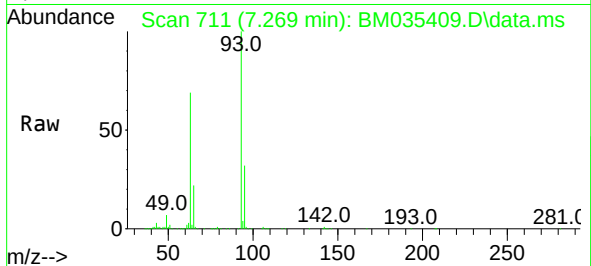
#11
bis(2-Chloroethyl)ether
Concen: 41.870 ng
RT: 7.269 min Scan# 713
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

Instrument :
BNA_M
ClientSampleId :
PB145347BS

Tgt Ion: 93 Resp: 58194
Ion Ratio Lower Upper
93 100
63 69.0 60.6 100.6
95 32.1 13.2 53.2

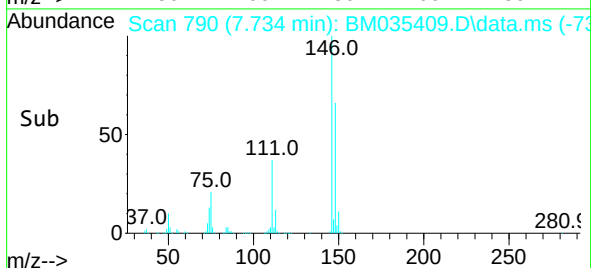
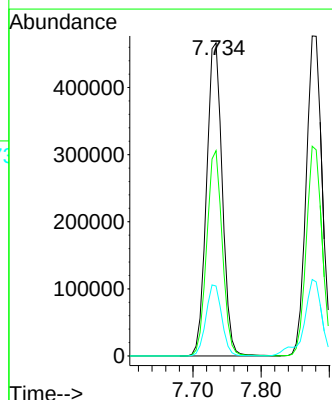
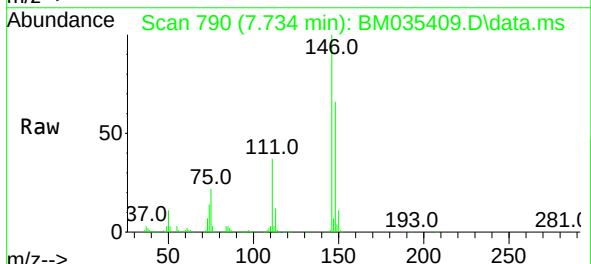
Manual Integrations
APPROVED

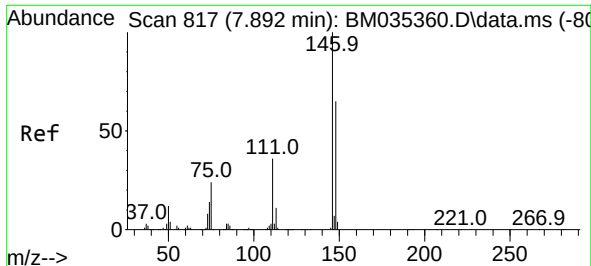
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#12
1,3-Dichlorobenzene
Concen: 39.447 ng
RT: 7.734 min Scan# 790
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

Tgt Ion:146 Resp: 750039
Ion Ratio Lower Upper
146 100
148 65.6 50.7 76.1
75 22.3 26.1 39.1#





#13

1,4-Dichlorobenzene

Concen: 39.662 ng

RT: 7.875 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM035409.D

Acq: 07 Jun 2022 12:19

Instrument :

BNA_M

ClientSampleId :

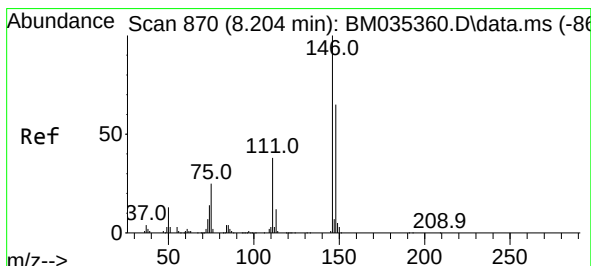
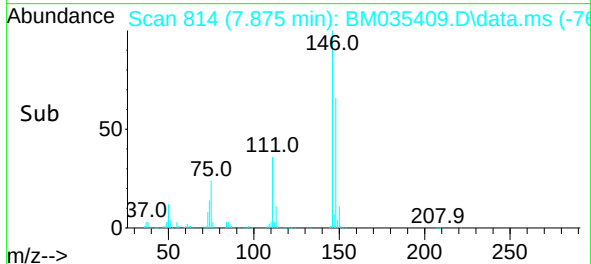
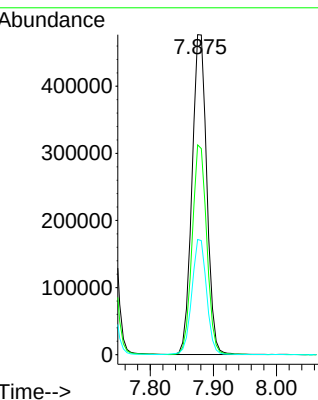
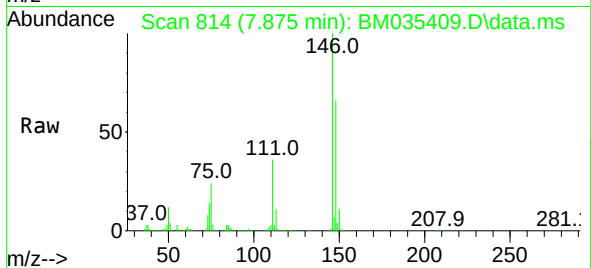
PB145347BS

Tgt Ion:146 Resp: 774278
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.5 77.3
 111 36.0 32.5 48.7

Manual Integrations

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Reviewed By :Christian Giraldo 06/08/2022
 Supervised By :Jagrut Upadhyay 06/09/2022



#14

1,2-Dichlorobenzene

Concen: 38.498 ng

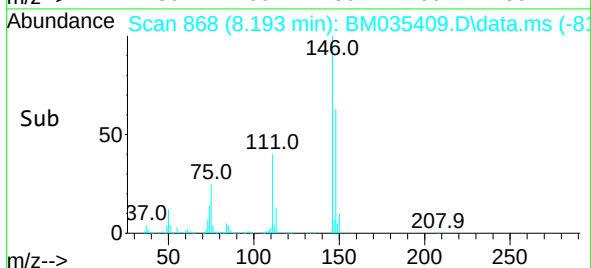
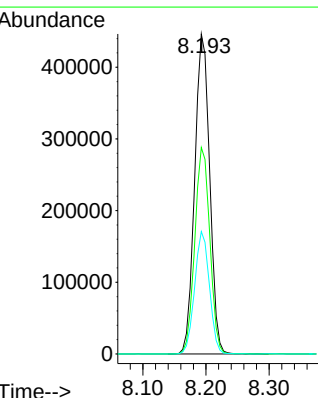
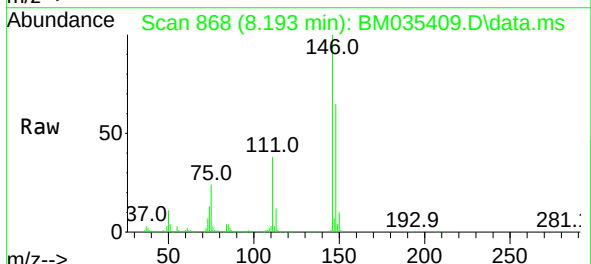
RT: 8.193 min Scan# 868

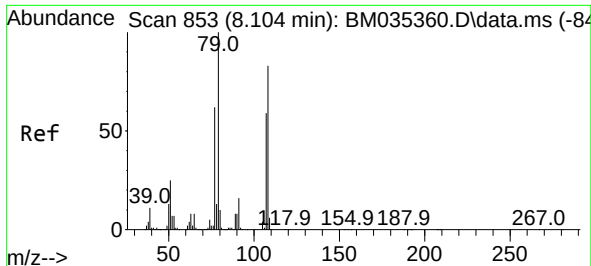
Delta R.T. -0.000 min

Lab File: BM035409.D

Acq: 07 Jun 2022 12:19

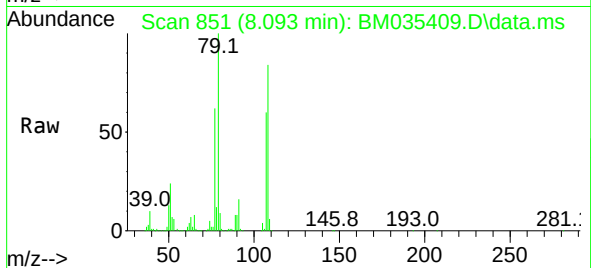
Tgt Ion:146 Resp: 736961
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.7 76.1
 111 38.3 33.9 50.9





#15
Benzyl Alcohol
Concen: 39.867 ng m
RT: 8.093 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

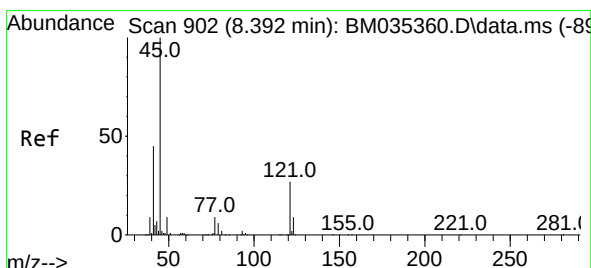
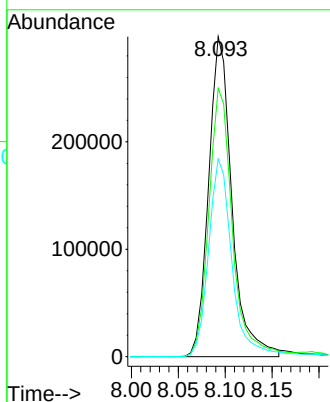
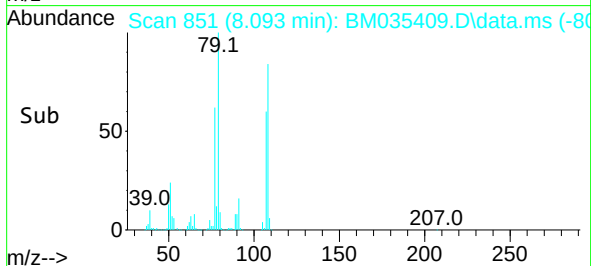
Instrument :
BNA_M
ClientSampleId :
PB145347BS



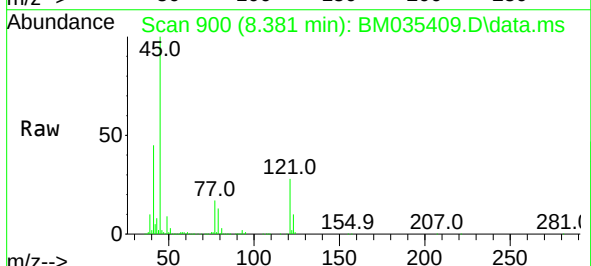
Tgt Ion: 79 Resp: 51631
Ion Ratio Lower Upper
79 100
108 83.8 59.0 88.4
77 61.8 52.2 78.4

Manual Integrations
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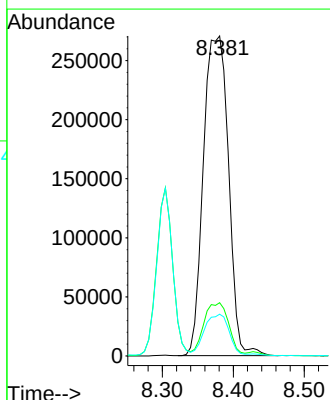
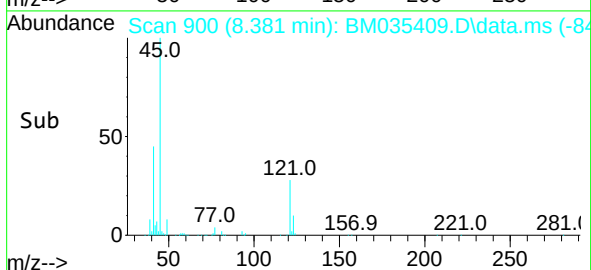
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

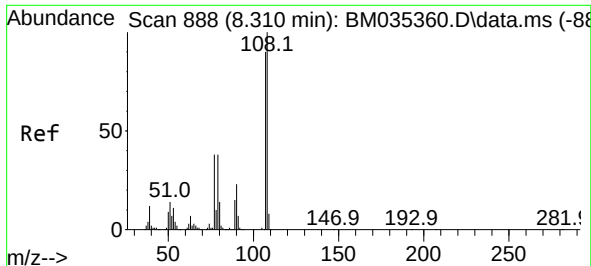


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.223 ng
RT: 8.381 min Scan# 900
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



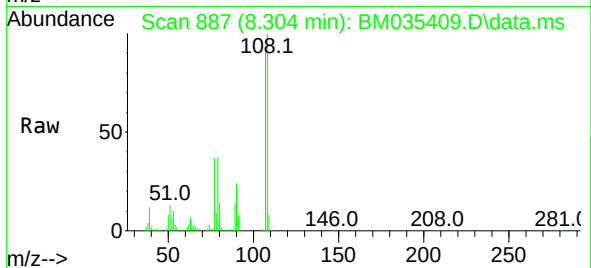
Tgt Ion: 45 Resp: 664665
Ion Ratio Lower Upper
45 100
77 16.7 0.0 33.1
79 13.1 0.0 30.5





#17
2-Methylphenol
Concen: 42.997 ng
RT: 8.304 min Scan# 888
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

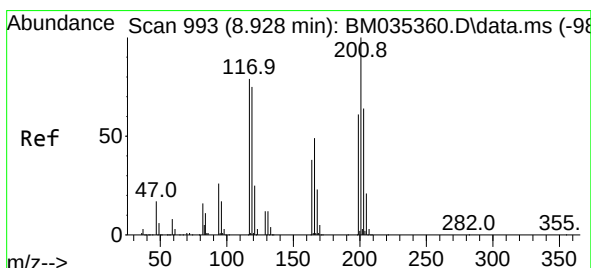
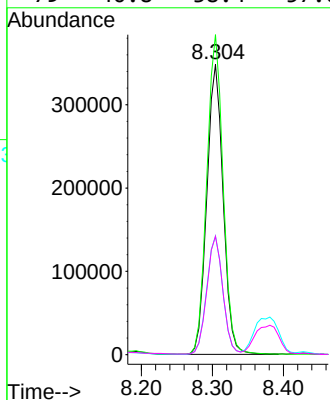
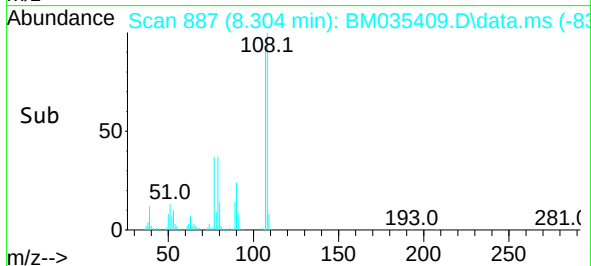
Instrument :
BNA_M
ClientSampleId :
PB145347BS



Tgt Ion:107 Resp: 555399
Ion Ratio Lower Upper
107 100
108 110.2 88.7 133.1
77 40.8 40.6 60.8
79 40.8 38.4 57.6

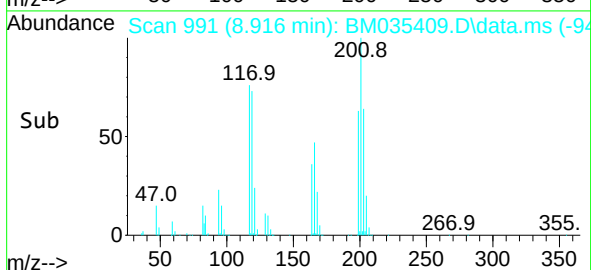
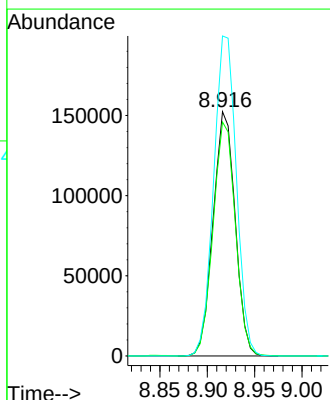
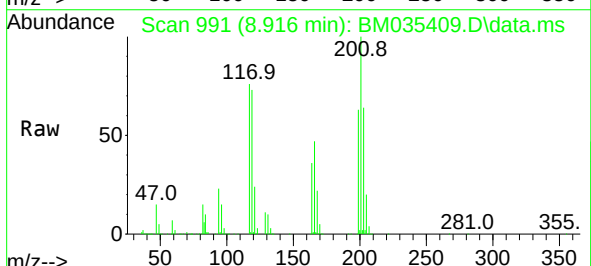
Manual Integrations
APPROVED

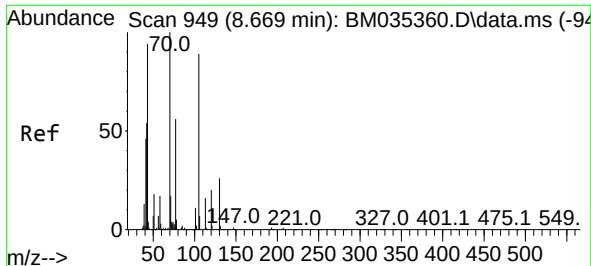
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#18
Hexachloroethane
Concen: 38.759 ng
RT: 8.916 min Scan# 991
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

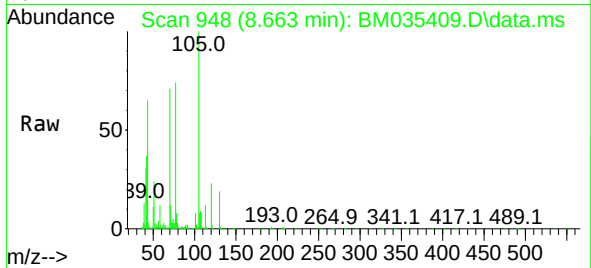
Tgt Ion:117 Resp: 246801
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.6
201 130.9 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 38.503 ng
RT: 8.663 min Scan# 949
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

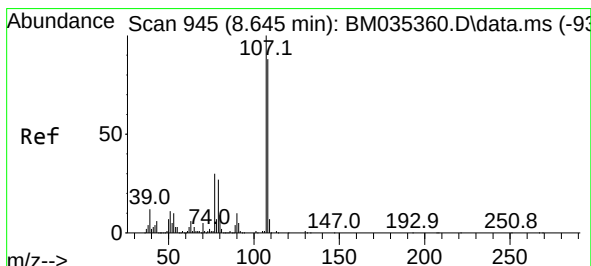
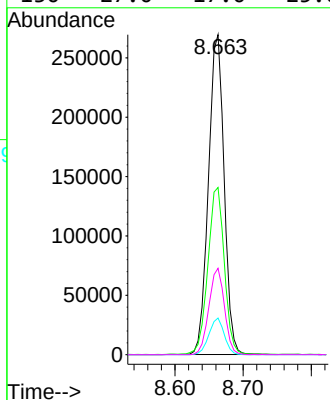
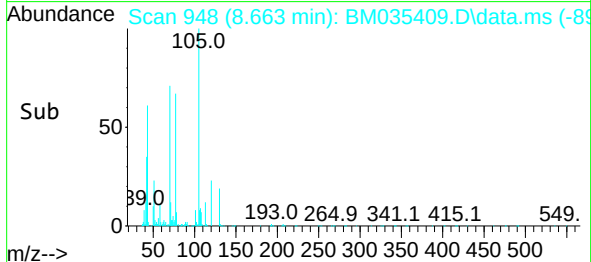
Instrument :
BNA_M
ClientSampleId :
PB145347BS



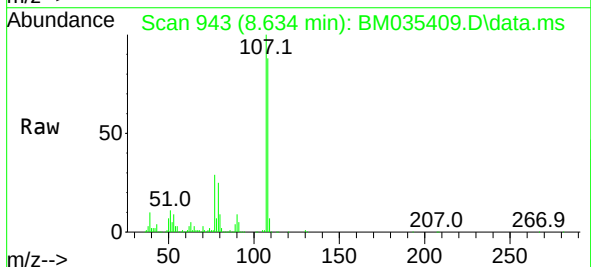
Tgt Ion: 70 Resp: 43155
Ion Ratio Lower Upper
70 100
42 52.2 55.4 83.2
101 11.4 7.8 11.6
130 27.0 17.0 25.6#

Manual Integrations
APPROVED

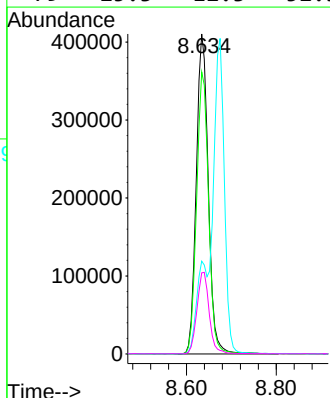
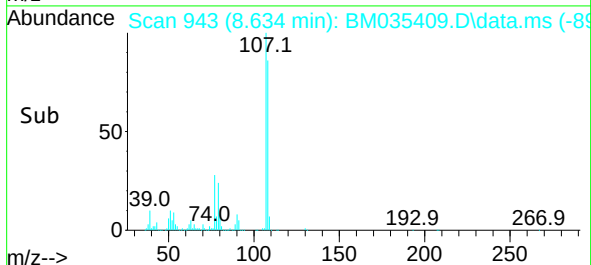
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

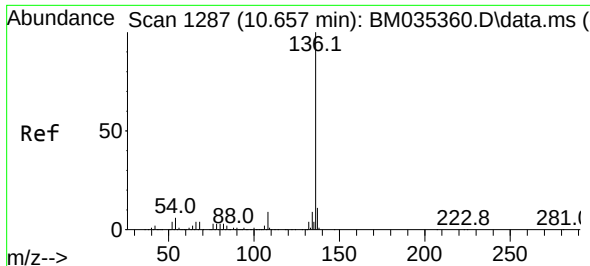


#20
3+4-Methylphenols
Concen: 42.161 ng
RT: 8.634 min Scan# 943
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



Tgt Ion:107 Resp: 762283
Ion Ratio Lower Upper
107 100
108 88.1 69.3 109.3
77 29.0 15.8 55.8
79 25.3 12.3 52.3





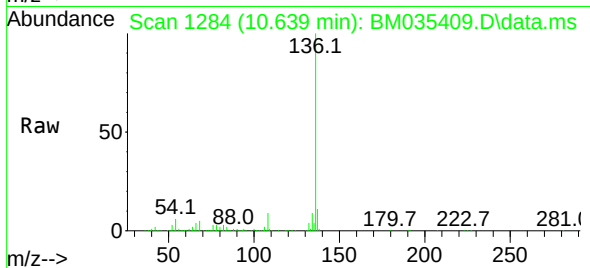
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

Instrument :

BNA_M

ClientSampleId :

PB145347BS

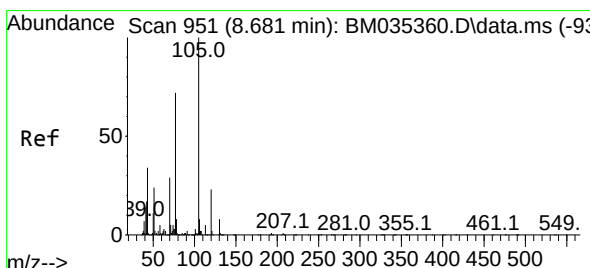
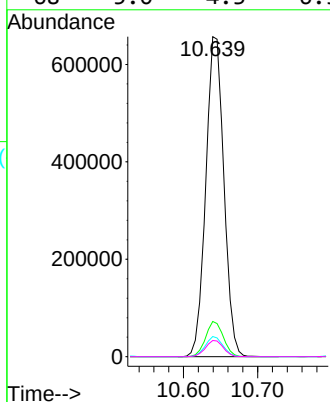
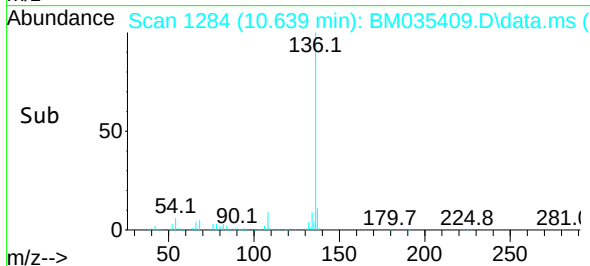


Tgt Ion:136 Resp: 111306
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.3 7.0 10.4
68 5.0 4.3 6.5

Manual Integrations

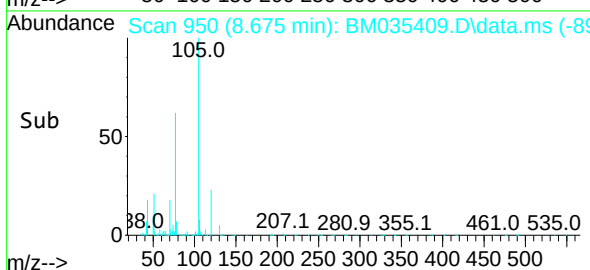
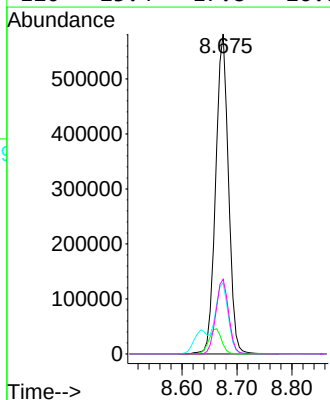
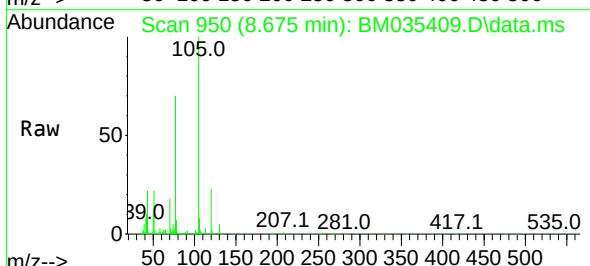
APPROVED

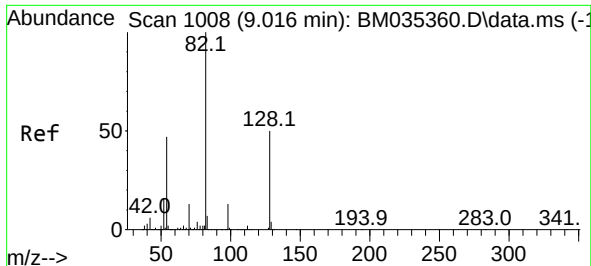
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#22
Acetophenone
Concen: 38.025 ng
RT: 8.675 min Scan# 950
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

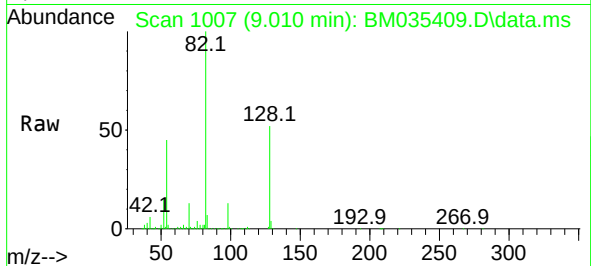
Tgt Ion:105 Resp: 940919
Ion Ratio Lower Upper
105 100
71 3.0 5.0 7.4#
51 22.2 25.6 38.4#
120 23.4 17.8 26.8





#23
Nitrobenzene-d5
Concen: 74.914 ng
RT: 9.010 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

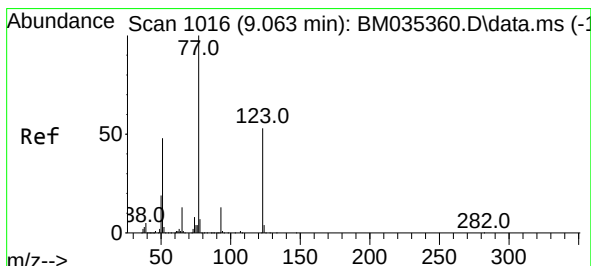
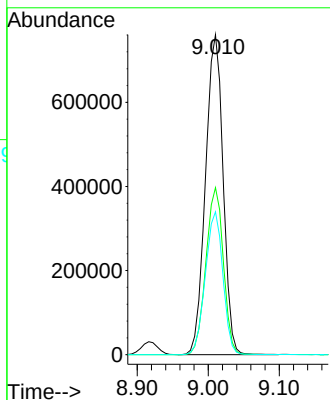
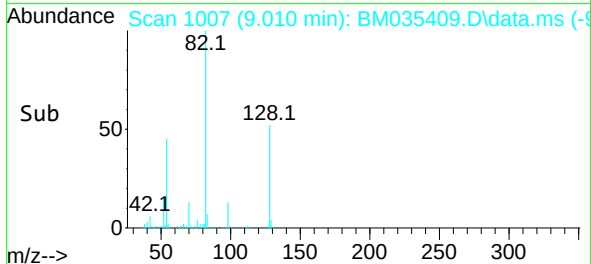
Instrument :
BNA_M
ClientSampleId :
PB145347BS



Tgt Ion: 82 Resp: 131320
Ion Ratio Lower Upper
82 100
128 52.2 33.7 50.5
54 44.7 43.2 64.8

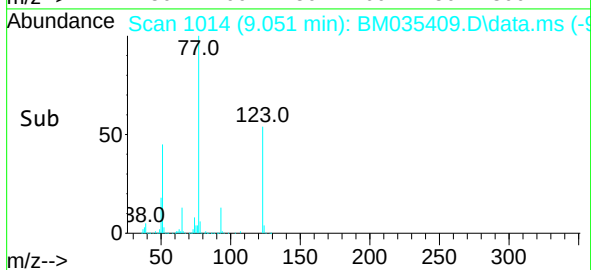
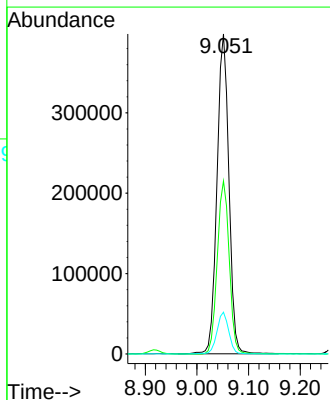
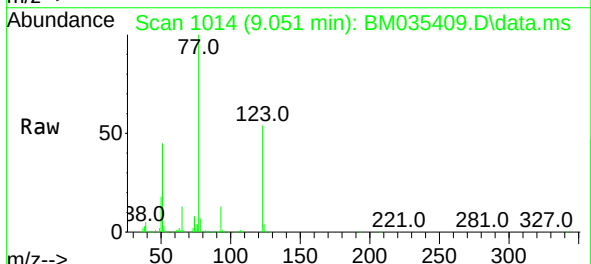
Manual Integrations
APPROVED

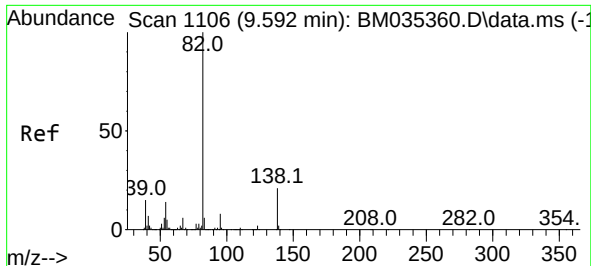
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#24
Nitrobenzene
Concen: 40.017 ng
RT: 9.051 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

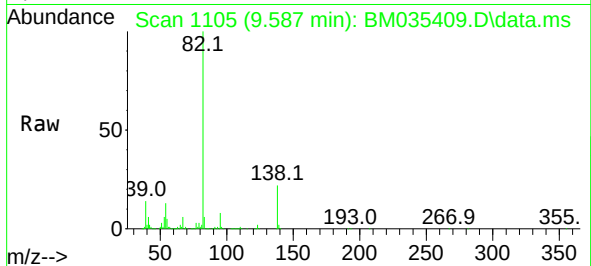
Tgt Ion: 77 Resp: 635430
Ion Ratio Lower Upper
77 100
123 54.1 36.2 54.4
65 13.0 11.4 17.0





#25
Isophorone
Concen: 40.429 ng
RT: 9.587 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

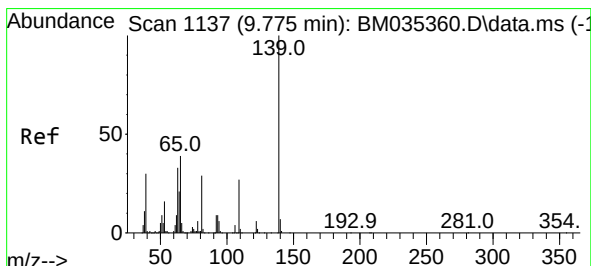
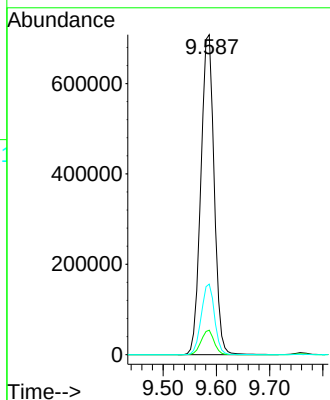
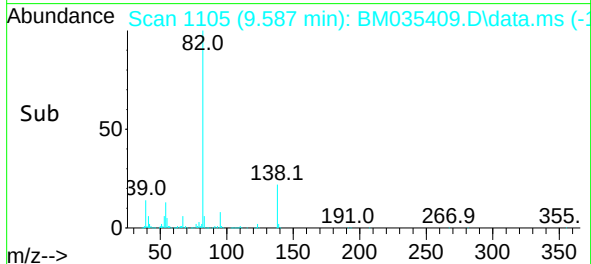
Instrument :
BNA_M
ClientSampleId :
PB145347BS



Tgt Ion: 82 Resp: 122575
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 22.0 14.2 21.4

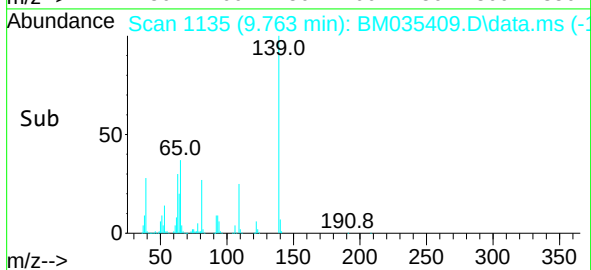
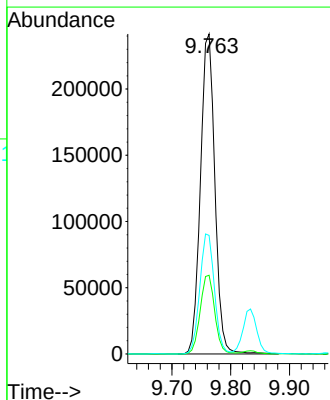
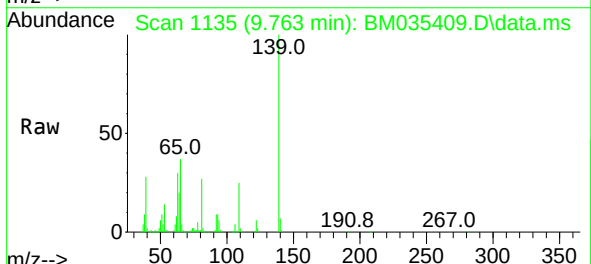
Manual Integrations
APPROVED

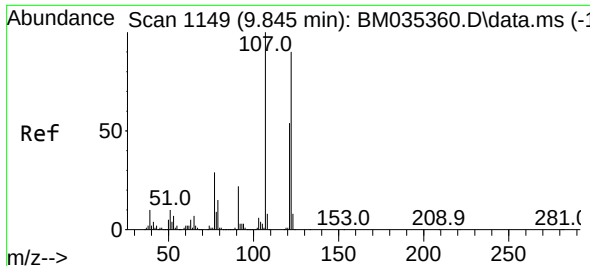
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#26
2-Nitrophenol
Concen: 39.745 ng
RT: 9.763 min Scan# 1135
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

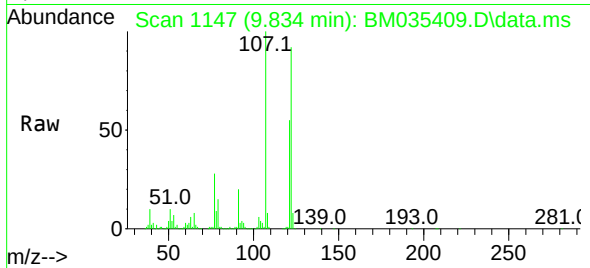
Tgt Ion:139 Resp: 412969
Ion Ratio Lower Upper
139 100
109 24.6 25.6 38.4#
65 37.0 43.2 64.8#





#27
2,4-Dimethylphenol
Concen: 46.995 ng
RT: 9.834 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

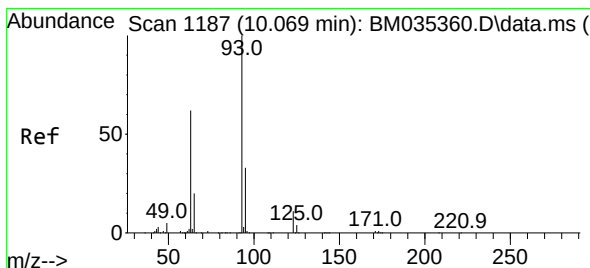
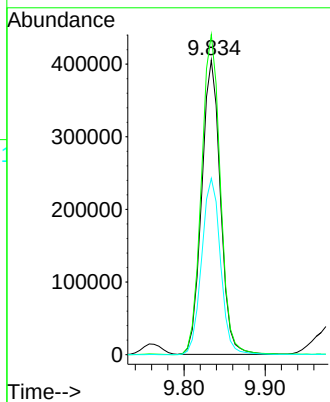
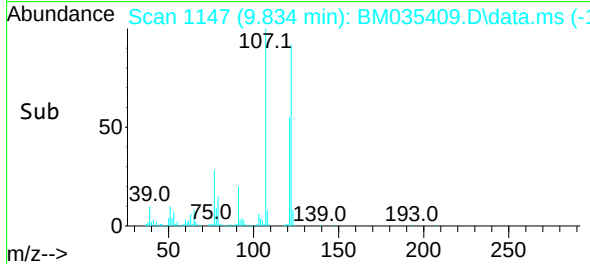
Instrument :
BNA_M
ClientSampleId :
PB145347BS



Tgt Ion:122 Resp: 647538
Ion Ratio Lower Upper
122 100
107 108.6 92.4 138.6
121 59.8 47.4 71.0

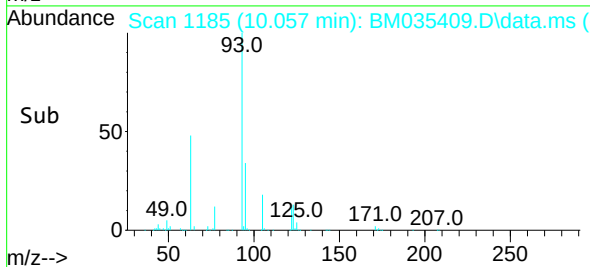
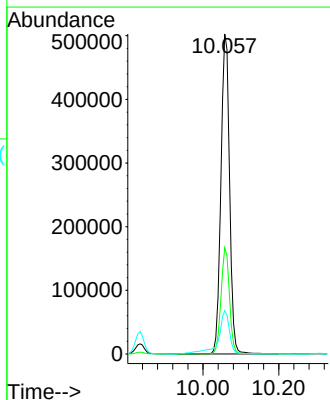
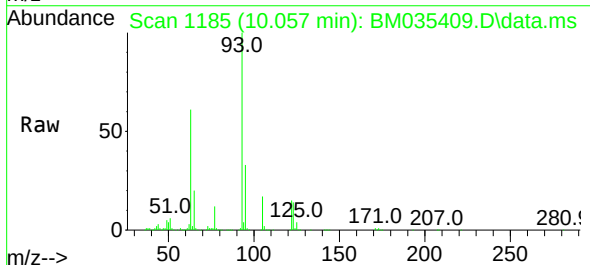
Manual Integrations
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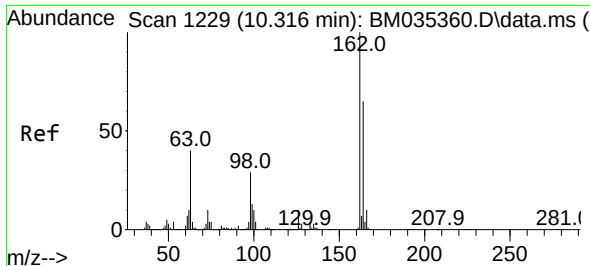
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#28
bis(2-Chloroethoxy)methane
Concen: 38.255 ng
RT: 10.057 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

Tgt Ion: 93 Resp: 801538
Ion Ratio Lower Upper
93 100
95 33.2 26.1 39.1
123 13.6 9.0 13.4#





#29

2,4-Dichlorophenol

Concen: 41.055 ng

RT: 10.304 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BM035409.D

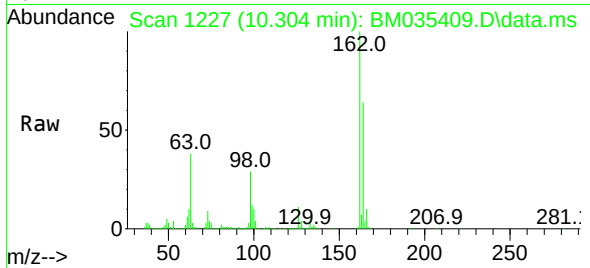
Acq: 07 Jun 2022 12:19

Instrument :

BNA_M

ClientSampleId :

PB145347BS



Tgt Ion:162 Resp: 771349

Ion Ratio Lower Upper

162 100

164 63.5 44.2 84.2

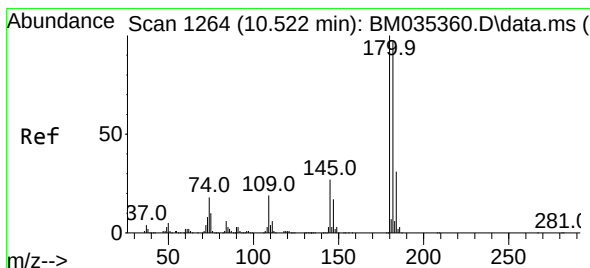
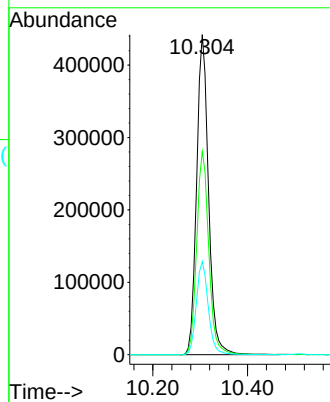
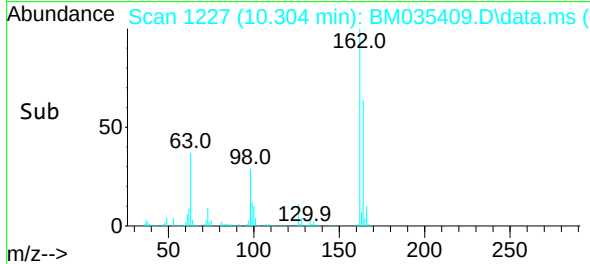
98 29.1 15.0 55.0

Manual Integrations

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Reviewed By :Christian Giraldo 06/08/2022

Supervised By :Jagrut Upadhyay 06/09/2022



#30

1,2,4-Trichlorobenzene

Concen: 37.921 ng

RT: 10.510 min Scan# 1262

Delta R.T. 0.006 min

Lab File: BM035409.D

Acq: 07 Jun 2022 12:19

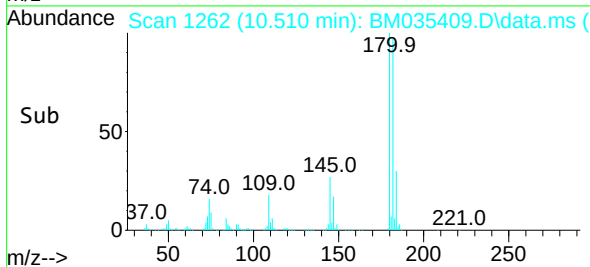
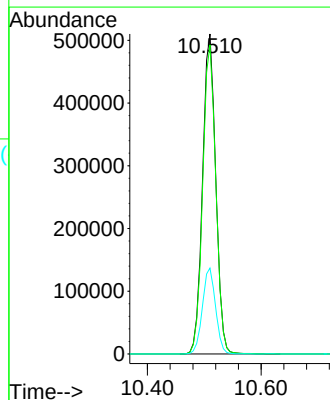
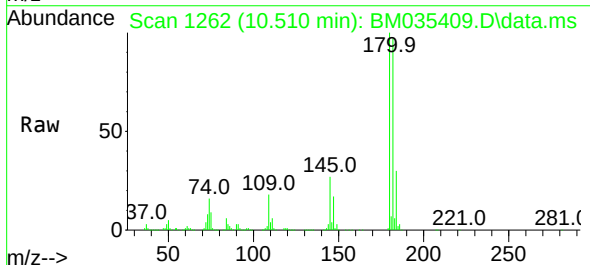
Tgt Ion:180 Resp: 819572

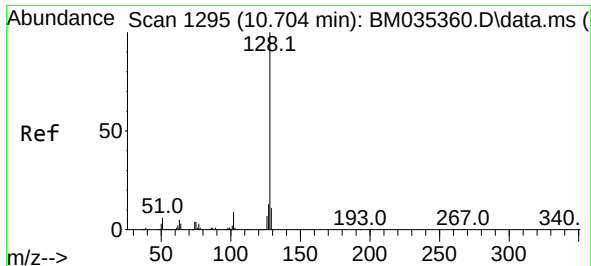
Ion Ratio Lower Upper

180 100

182 96.6 77.9 116.9

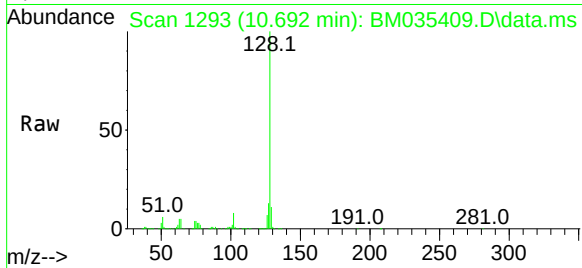
145 26.8 25.0 37.6





#31
Naphthalene
Concen: 38.664 ng
RT: 10.692 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

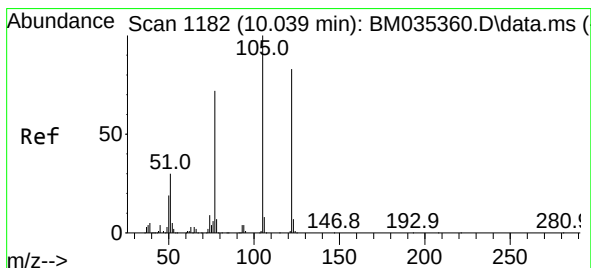
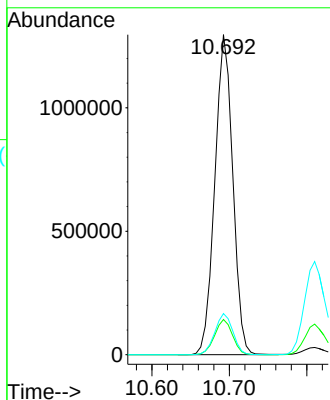
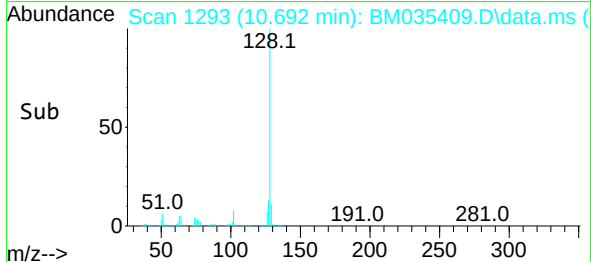
Instrument :
BNA_M
ClientSampleId :
PB145347BS



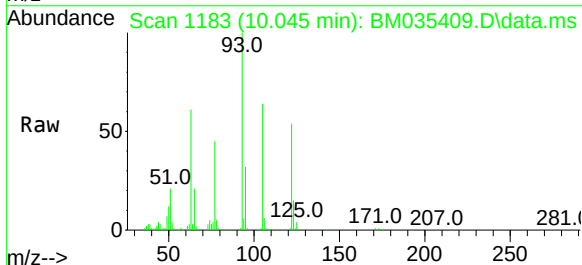
Tgt Ion:128 Resp: 2085164
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.9 10.6 16.0

Manual Integrations
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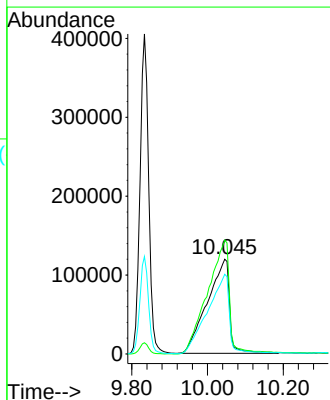
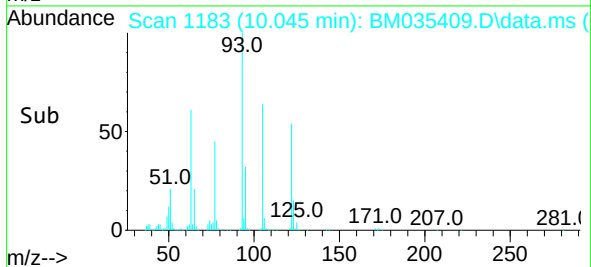
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

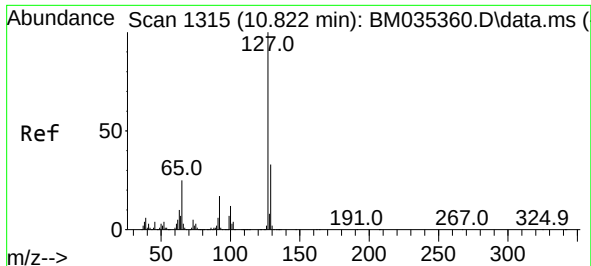


#32
Benzoic acid
Concen: 39.414 ng
RT: 10.045 min Scan# 1183
Delta R.T. 0.029 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



Tgt Ion:122 Resp: 485786
Ion Ratio Lower Upper
122 100
105 120.4 105.7 145.7
77 84.2 80.0 120.0





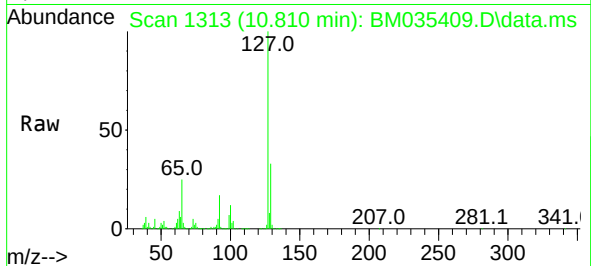
#33
4-Chloroaniline
Concen: 32.954 ng
RT: 10.810 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

Instrument :

BNA_M

ClientSampleId :

PB145347BS

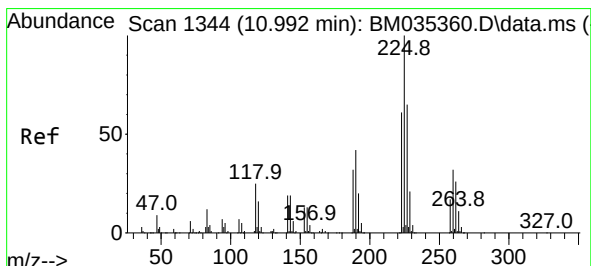
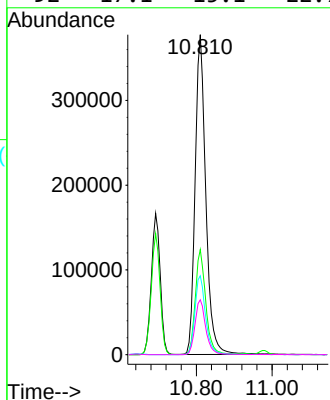
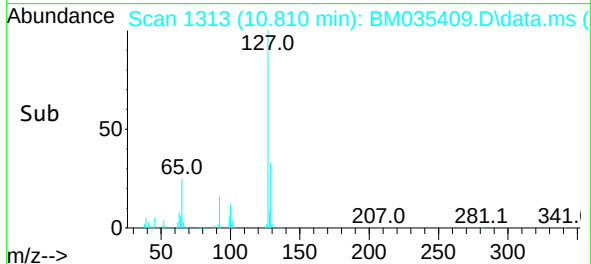


Tgt Ion:127 Resp: 744278
Ion Ratio Lower Upper
127 100
129 32.9 25.7 38.5
65 24.6 26.6 40.0
92 17.1 15.1 22.7

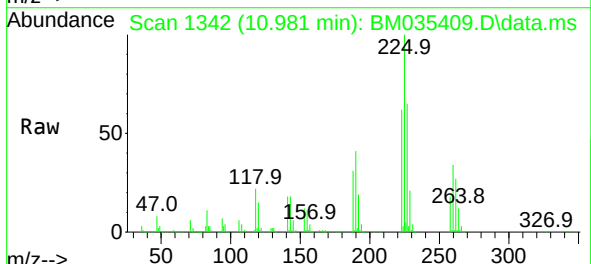
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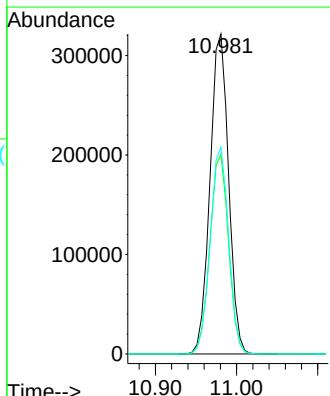
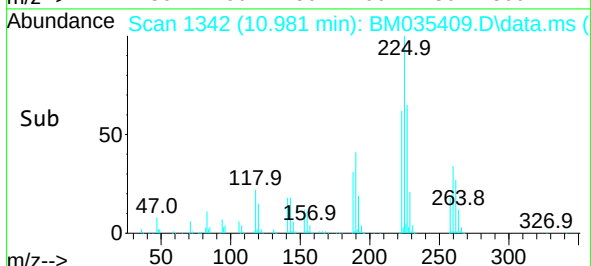
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

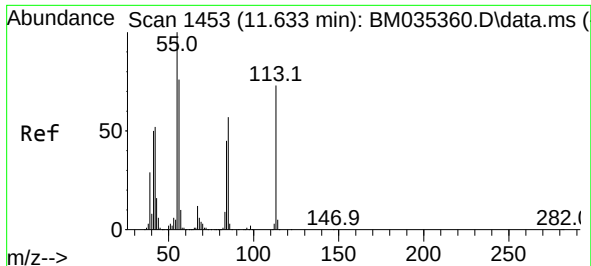


#34
Hexachlorobutadiene
Concen: 35.711 ng
RT: 10.981 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



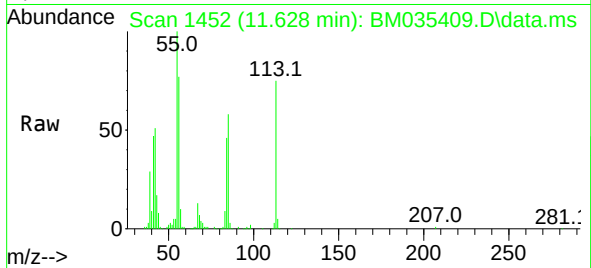
Tgt Ion:225 Resp: 510359
Ion Ratio Lower Upper
225 100
223 62.3 50.8 76.2
227 64.7 52.7 79.1





#35
Caprolactam
Concen: 38.249 ng m
RT: 11.628 min Scan# 1453
Delta R.T. 0.018 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

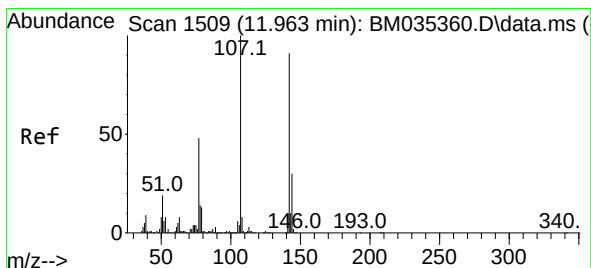
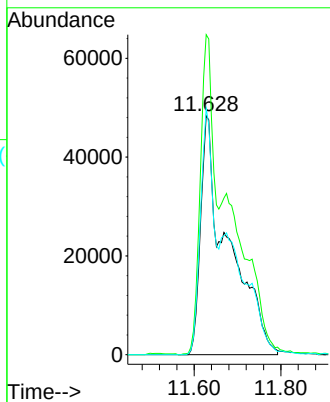
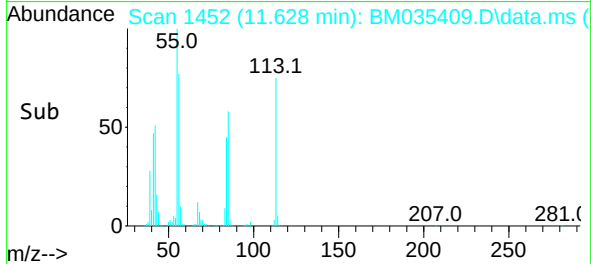
Instrument :
BNA_M
ClientSampleId :
PB145347BS



Tgt Ion:113 Resp: 21150
Ion Ratio Lower Upper
113 100
55 134.0 150.1 190.1
56 103.1 111.7 151.7

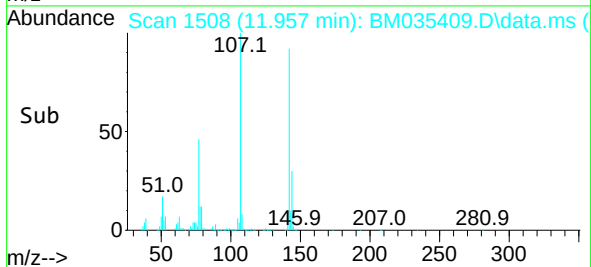
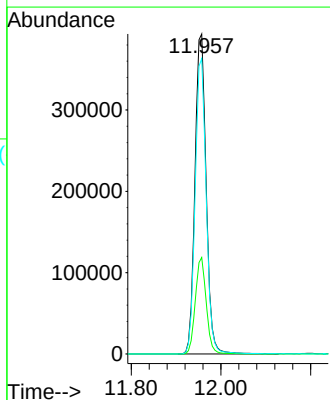
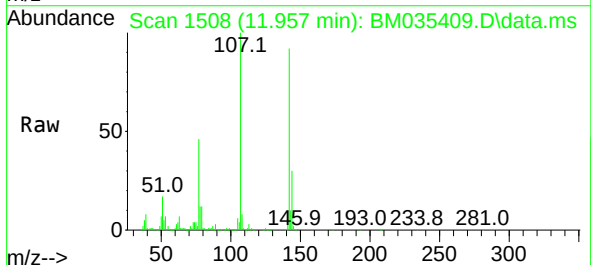
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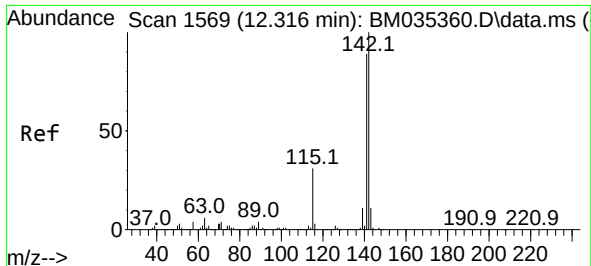
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#36
4-Chloro-3-methylphenol
Concen: 39.314 ng
RT: 11.957 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

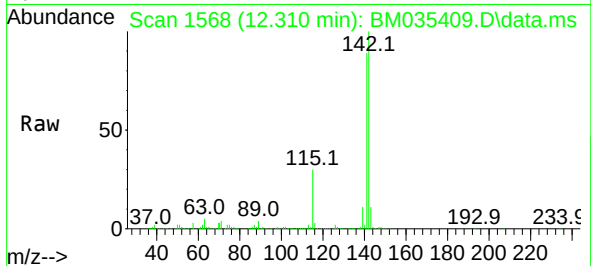
Tgt Ion:107 Resp: 680947
Ion Ratio Lower Upper
107 100
144 30.2 21.4 32.0
142 92.3 66.7 100.1





#37
2-Methylnaphthalene
Concen: 37.799 ng
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

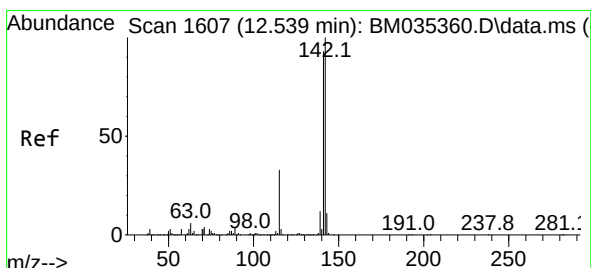
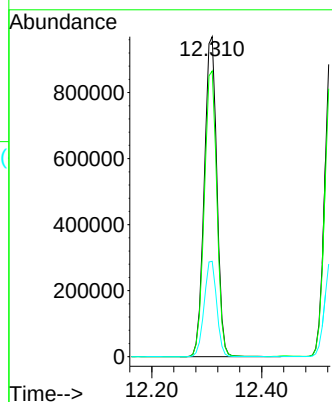
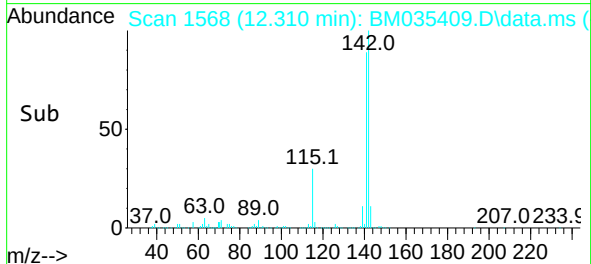
Instrument :
BNA_M
ClientSampleId :
PB145347BS



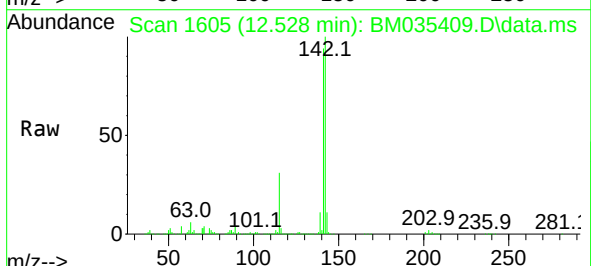
Tgt Ion:142 Resp: 1538254
Ion Ratio Lower Upper
142 100
141 89.3 72.4 108.6
115 29.8 29.6 44.4

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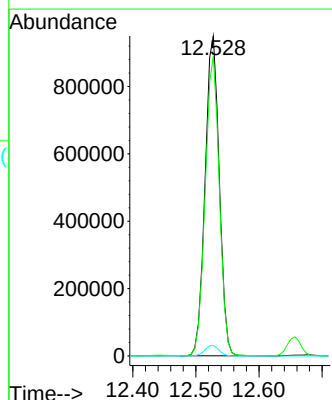
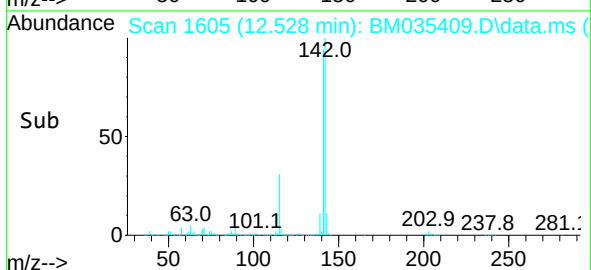
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

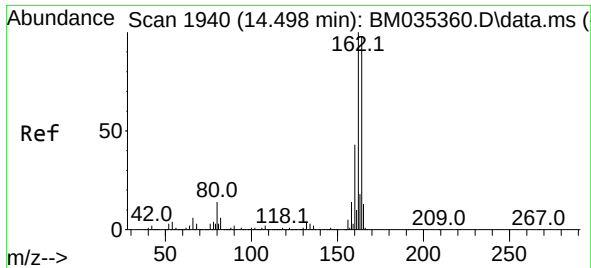


#38
1-Methylnaphthalene
Concen: 37.038 ng
RT: 12.528 min Scan# 1605
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



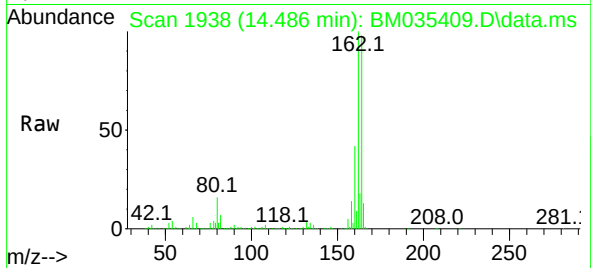
Tgt Ion:142 Resp: 1477096
Ion Ratio Lower Upper
142 100
141 93.6 75.0 112.4
116 3.3 3.4 5.2#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

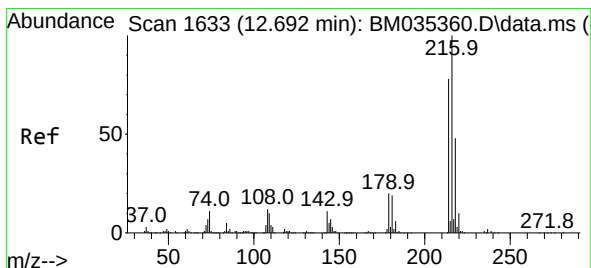
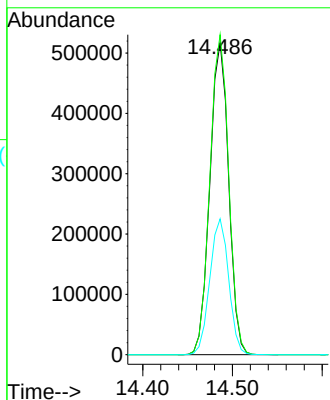
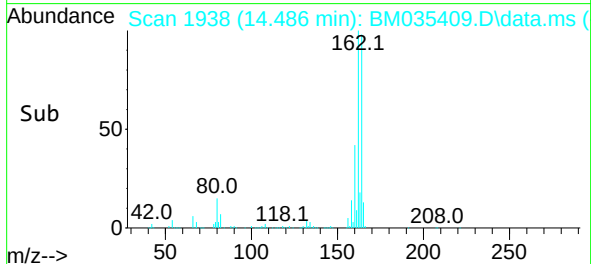
Instrument :
BNA_M
ClientSampleId :
PB145347BS



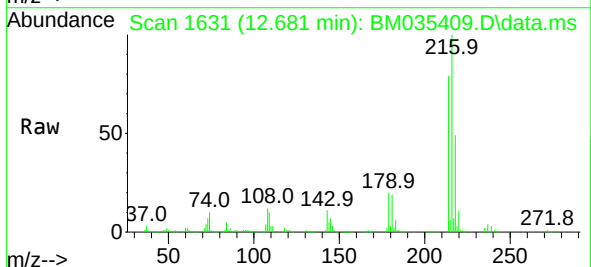
Tgt Ion:164 Resp: 75201
Ion Ratio Lower Upper
164 100
162 102.6 83.0 124.6
160 43.6 37.0 55.4

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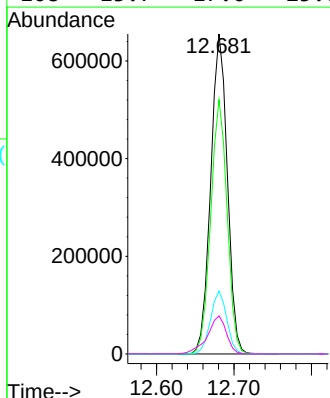
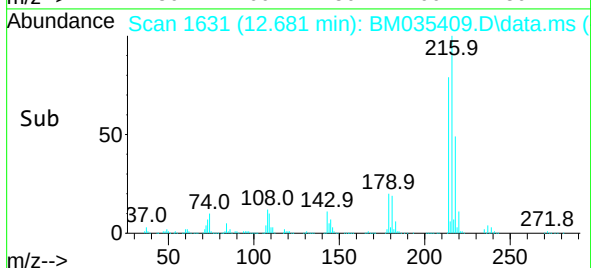
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

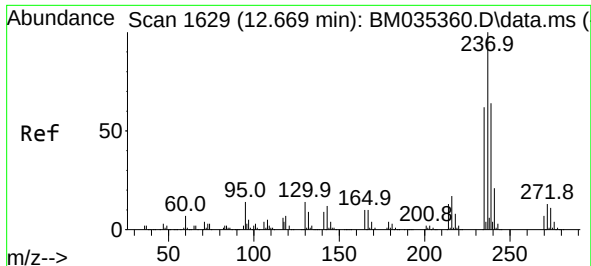


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.564 ng
RT: 12.681 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



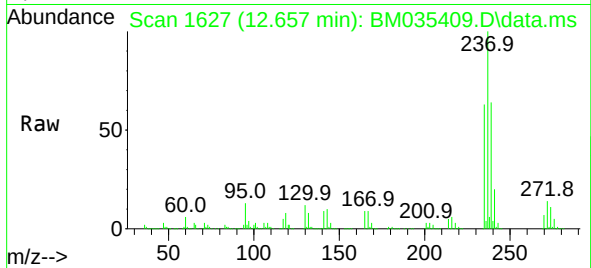
Tgt Ion:216 Resp: 975410
Ion Ratio Lower Upper
216 100
214 78.6 62.6 94.0
179 19.3 18.2 27.2
108 13.7 17.0 25.6#





#41
Hexachlorocyclopentadiene
Concen: 76.051 ng
RT: 12.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

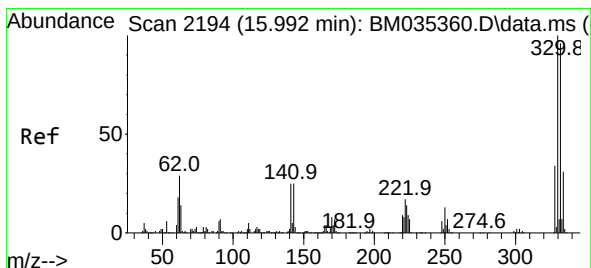
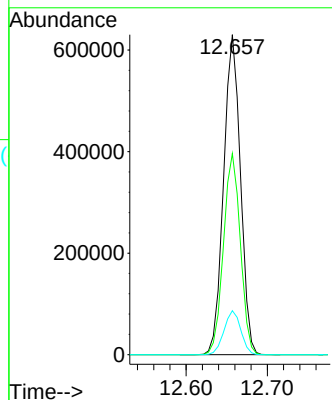
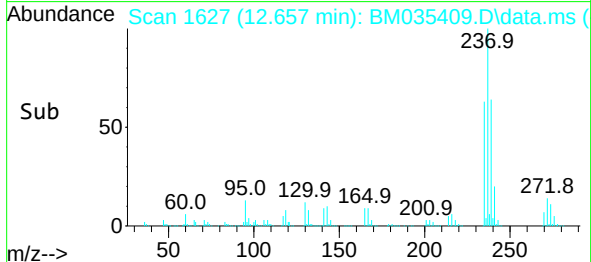
Instrument :
BNA_M
ClientSampleId :
PB145347BS



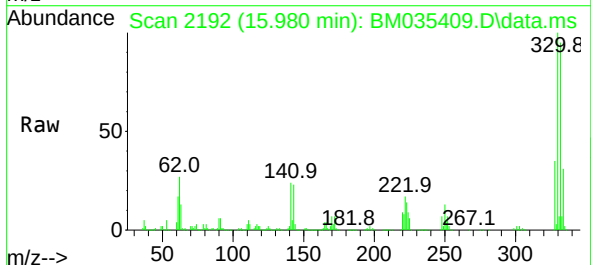
Tgt Ion:237 Resp: 91086
Ion Ratio Lower Upper
237 100
235 62.8 43.8 83.8
272 13.8 0.0 32.5

Manual Integrations
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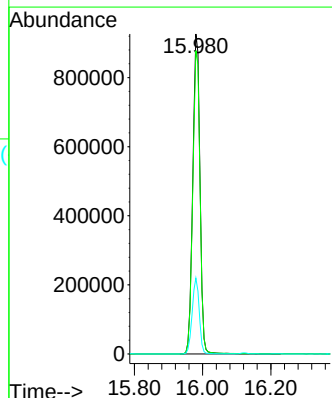
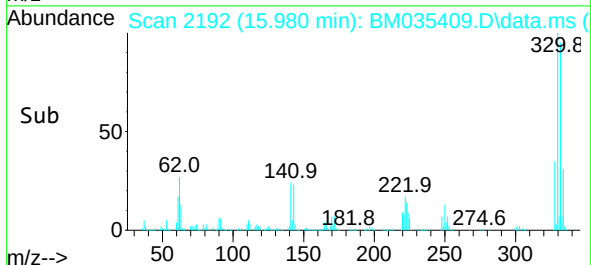
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

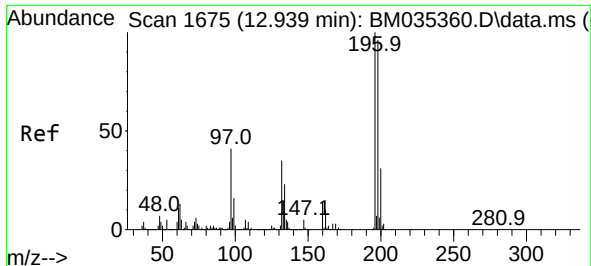


#42
2,4,6-Tribromophenol
Concen: 111.718 ng
RT: 15.980 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



Tgt Ion:330 Resp: 1347962
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.4
141 23.4 35.3 52.9#





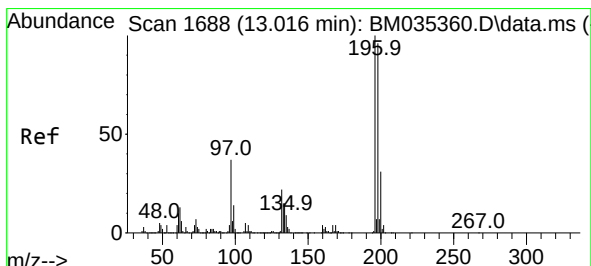
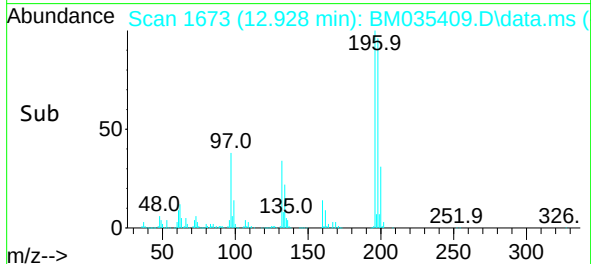
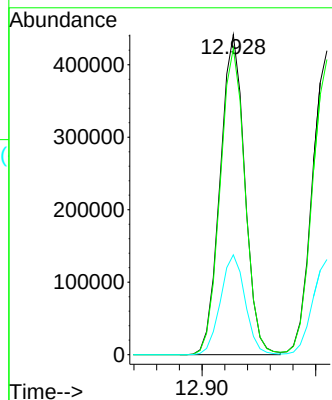
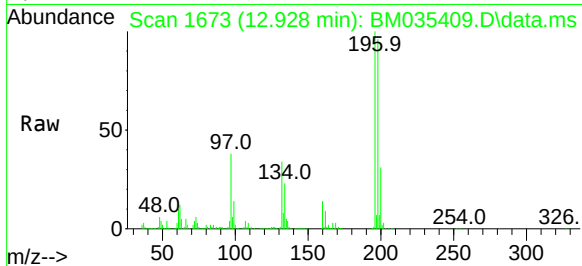
#43
2,4,6-Trichlorophenol
Concen: 39.980 ng
RT: 12.928 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

Instrument :
BNA_M
ClientSampleId :
PB145347BS

Tgt Ion:196 Resp: 665272
Ion Ratio Lower Upper
196 100
198 95.8 75.8 113.6
200 31.2 24.9 37.3

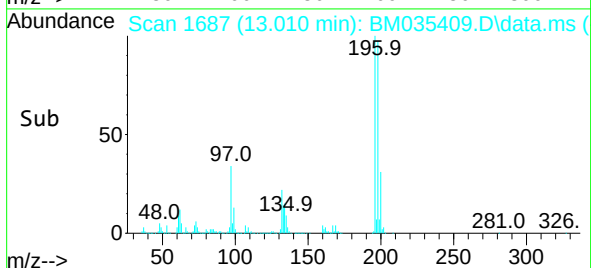
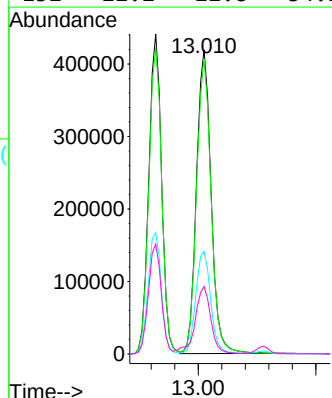
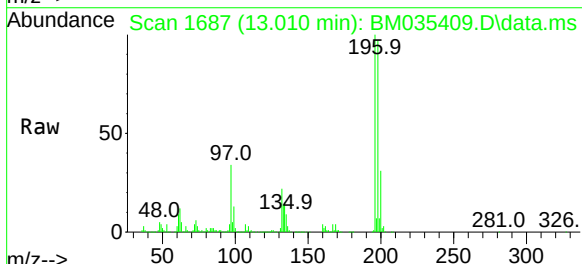
Manual Integrations
APPROVED

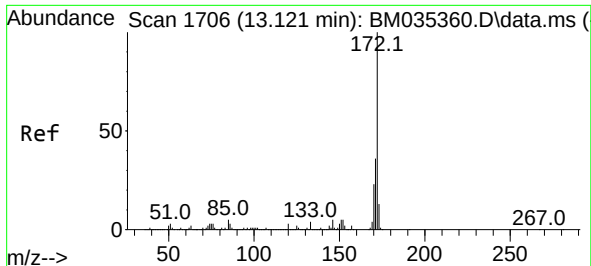
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#44
2,4,5-Trichlorophenol
Concen: 40.536 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

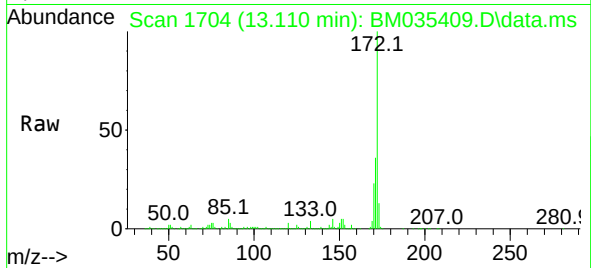
Tgt Ion:196 Resp: 724187
Ion Ratio Lower Upper
196 100
198 97.1 77.8 116.6
97 33.8 43.4 65.2#
132 22.2 22.8 34.2#





#45
2-Fluorobiphenyl
Concen: 76.655 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

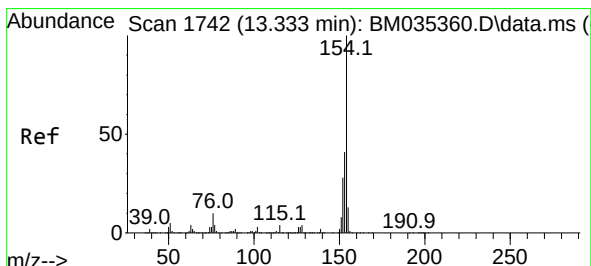
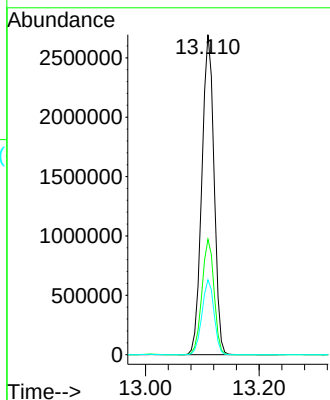
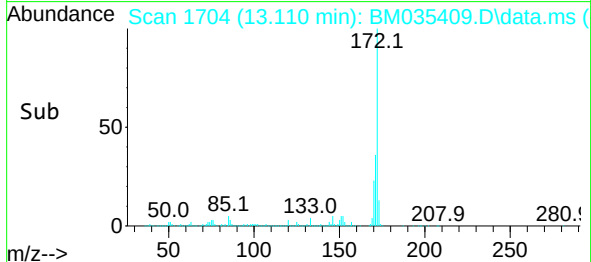
Instrument :
BNA_M
ClientSampleId :
PB145347BS



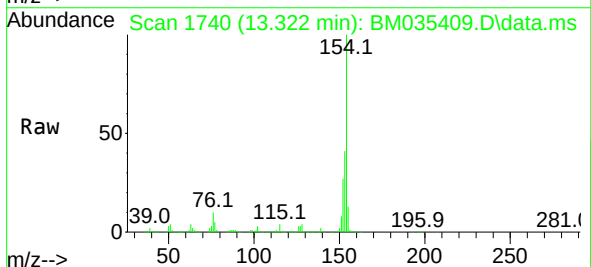
Tgt Ion:172 Resp: 4013574
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.4 18.7 28.1

Manual Integrations
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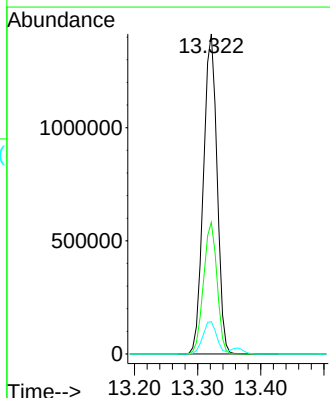
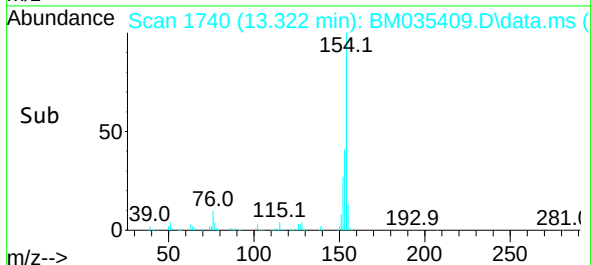
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

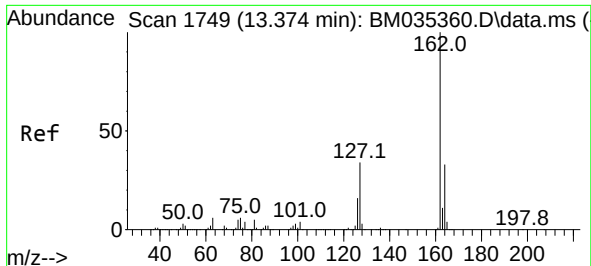


#46
1,1'-Biphenyl
Concen: 39.445 ng
RT: 13.322 min Scan# 1740
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



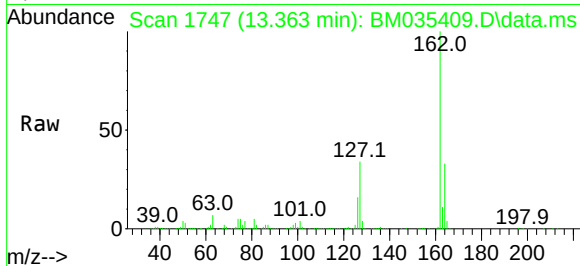
Tgt Ion:154 Resp: 2114501
Ion Ratio Lower Upper
154 100
153 41.1 20.5 60.5
76 10.1 0.0 31.8





#47
2-Chloronaphthalene
Concen: 39.658 ng
RT: 13.363 min Scan# 1747
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

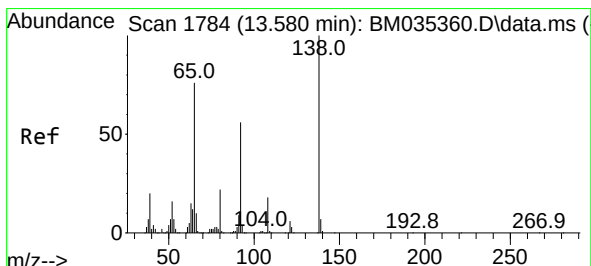
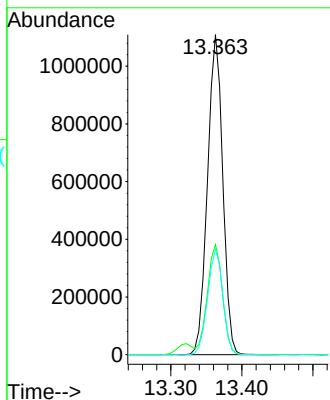
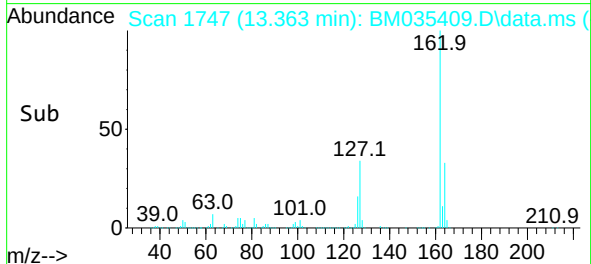
Instrument :
BNA_M
ClientSampleId :
PB145347BS



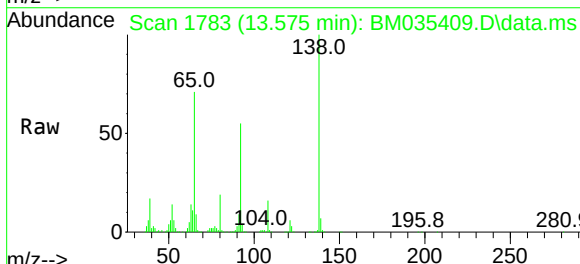
Tgt Ion:162 Resp: 1658520
Ion Ratio Lower Upper
162 100
127 34.4 30.6 45.8
164 33.0 26.6 39.8

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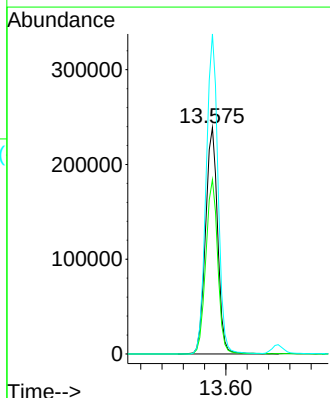
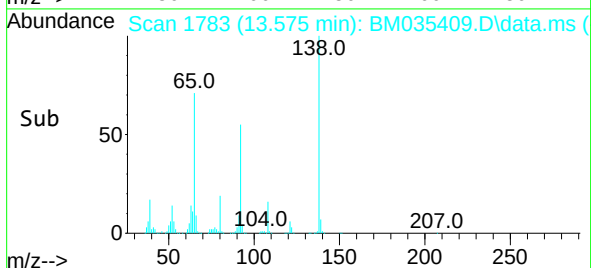
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

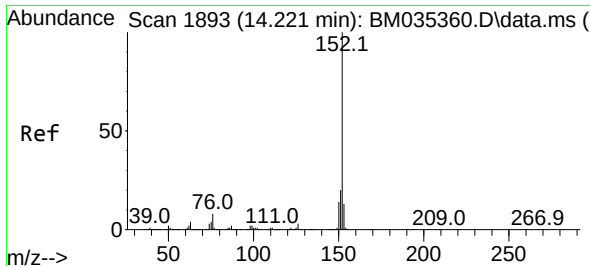


#48
2-Nitroaniline
Concen: 40.665 ng
RT: 13.575 min Scan# 1783
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



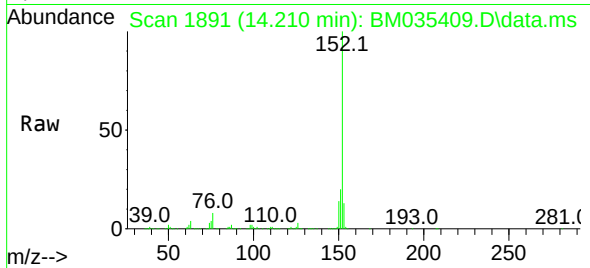
Tgt Ion: 65 Resp: 377929
Ion Ratio Lower Upper
65 100
92 77.0 53.7 80.5
138 141.4 83.9 125.9#





#49
Acenaphthylene
Concen: 42.171 ng
RT: 14.210 min Scan# 1891
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

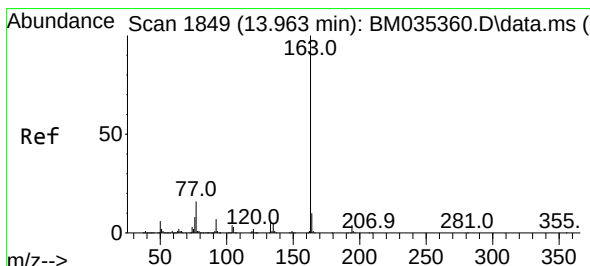
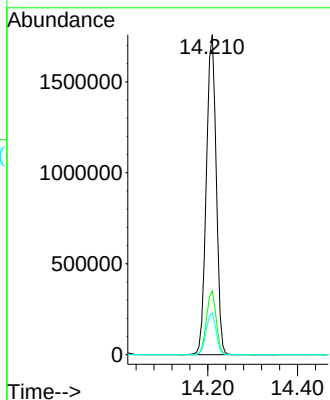
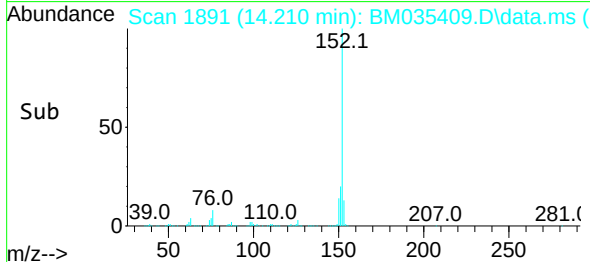
Instrument :
BNA_M
ClientSampleId :
PB145347BS



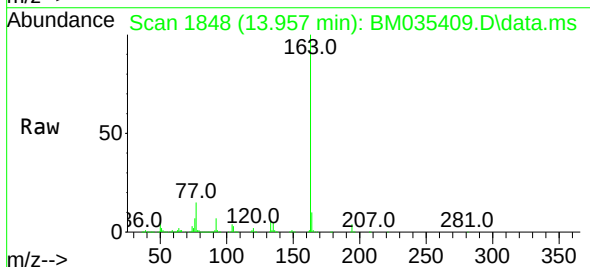
Tgt Ion:152 Resp: 268580
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.0 10.5 15.7

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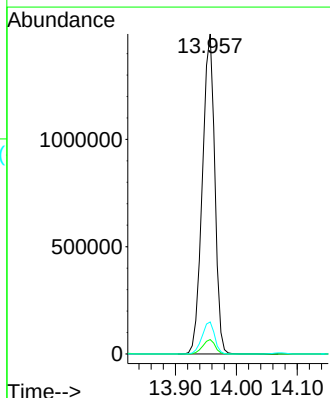
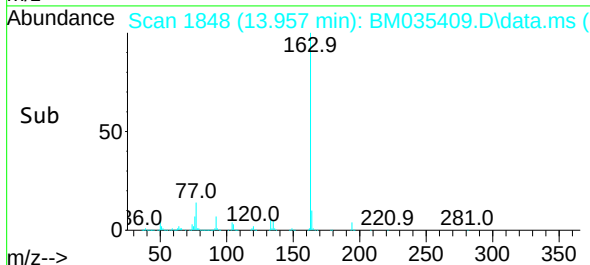
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

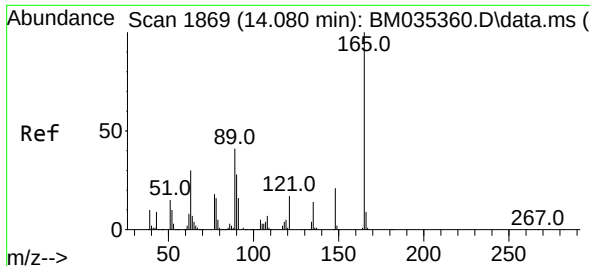


#50
Dimethylphthalate
Concen: 38.139 ng
RT: 13.957 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



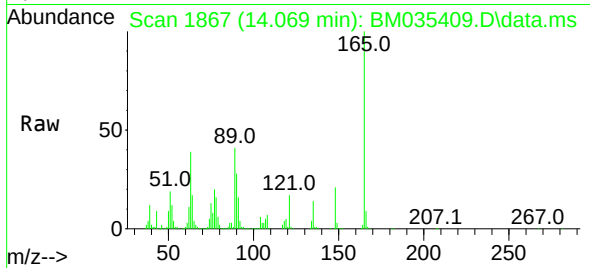
Tgt Ion:163 Resp: 2108409
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.4#
164 10.0 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 41.359 ng
RT: 14.069 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

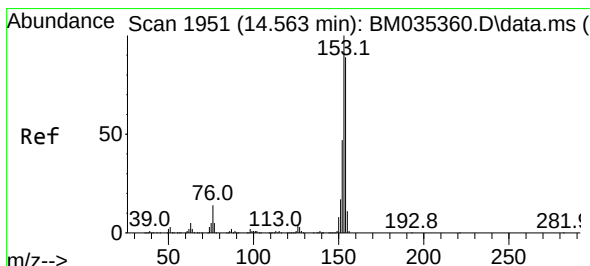
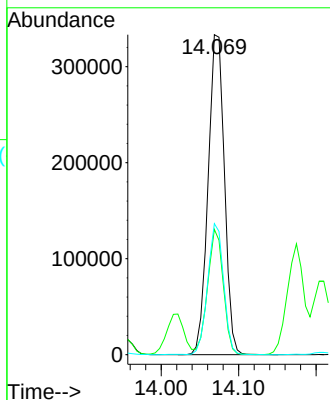
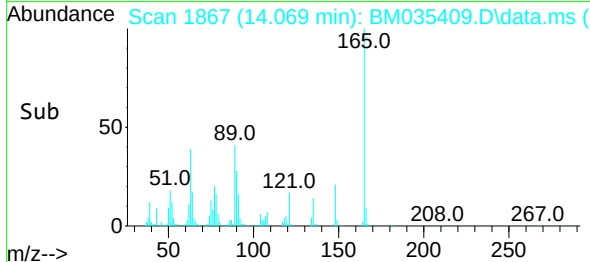
Instrument :
BNA_M
ClientSampleId :
PB145347BS



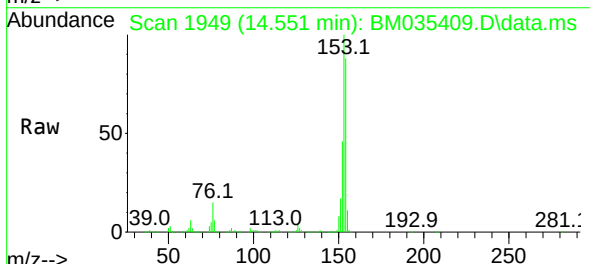
Tgt Ion:165 Resp: 488072
Ion Ratio Lower Upper
165 100
63 39.2 50.2 75.2
89 41.0 48.4 72.6

Manual Integrations
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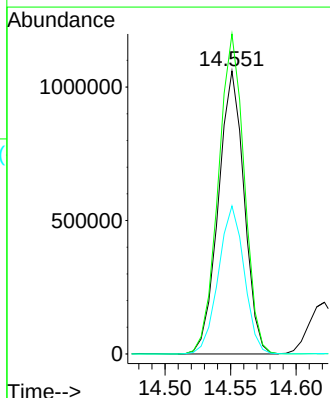
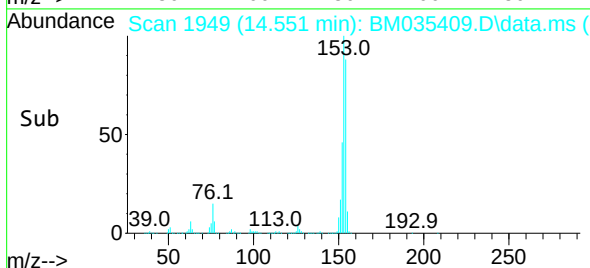
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

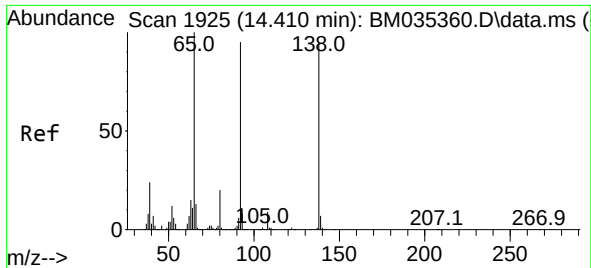


#52
Acenaphthene
Concen: 37.536 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



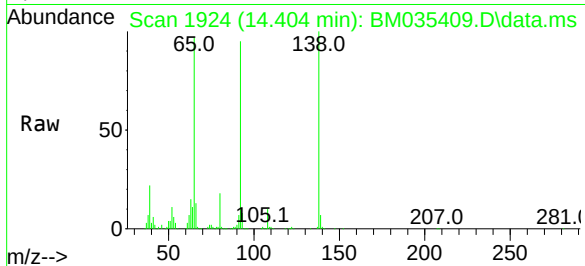
Tgt Ion:154 Resp: 1447572
Ion Ratio Lower Upper
154 100
153 113.1 91.0 136.6
152 52.3 43.4 65.2





#53
3-Nitroaniline
Concen: 34.523 ng
RT: 14.404 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

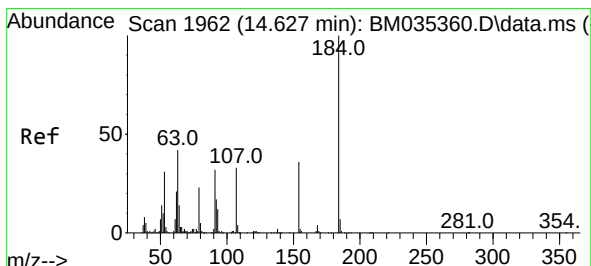
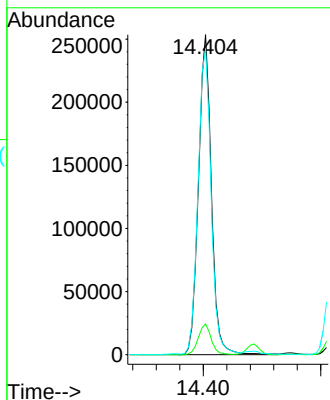
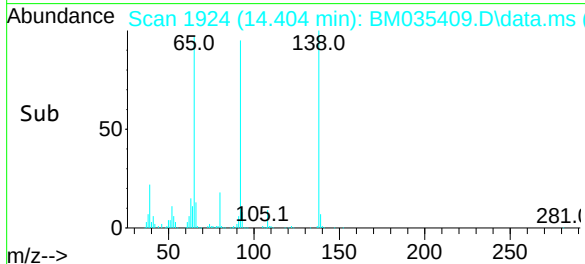
Instrument :
BNA_M
ClientSampleId :
PB145347BS



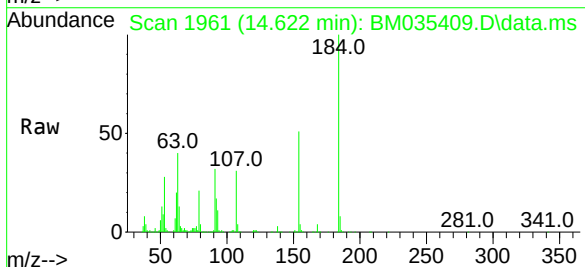
Tgt Ion:138 Resp: 386744
Ion Ratio Lower Upper
138 100
108 9.6 8.7 13.1
92 95.4 91.5 137.3

Manual Integrations
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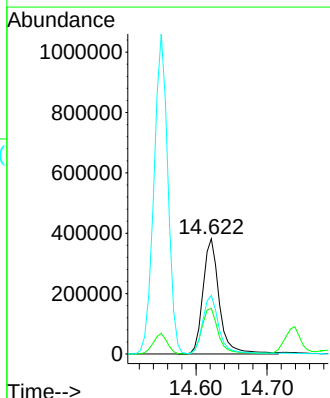
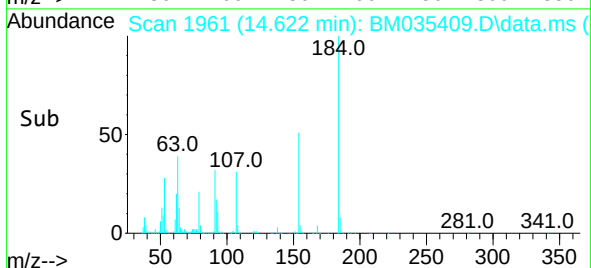
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

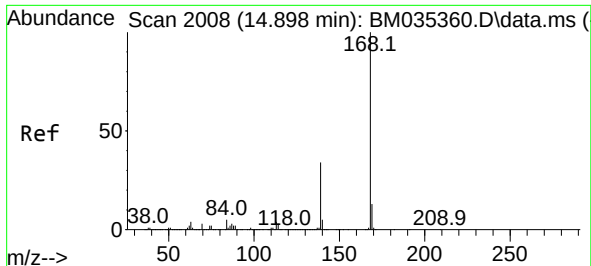


#54
2,4-Dinitrophenol
Concen: 72.899 ng
RT: 14.622 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



Tgt Ion:184 Resp: 610806
Ion Ratio Lower Upper
184 100
63 39.5 59.5 89.3#
154 50.7 55.6 83.4#





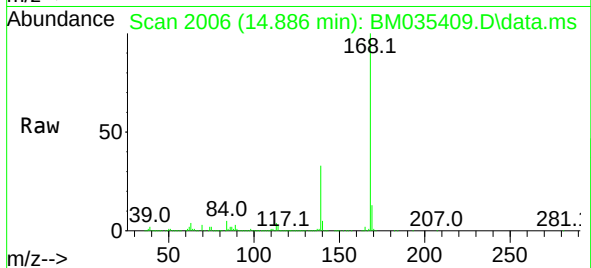
#55
Dibenzofuran
Concen: 37.155 ng
RT: 14.886 min Scan# 2008
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

Instrument :

BNA_M

ClientSampleId :

PB145347BS

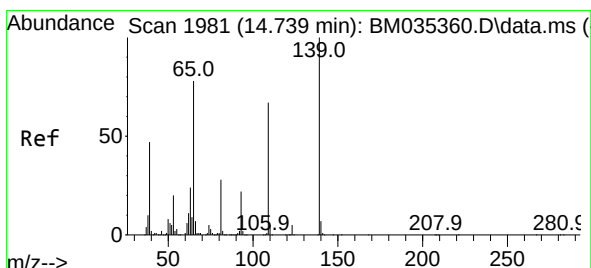
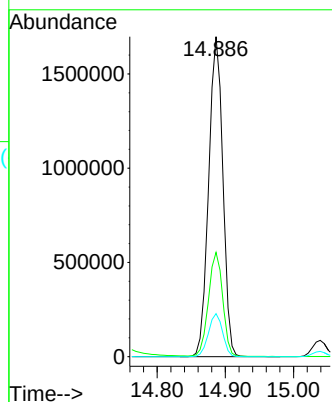
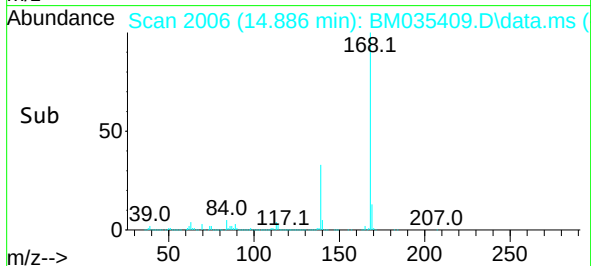


Tgt Ion:168 Resp: 246100
Ion Ratio Lower Upper
168 100
139 32.6 32.2 48.2
169 13.5 10.6 16.0

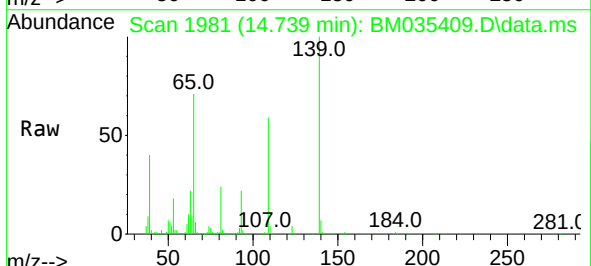
Manual Integrations

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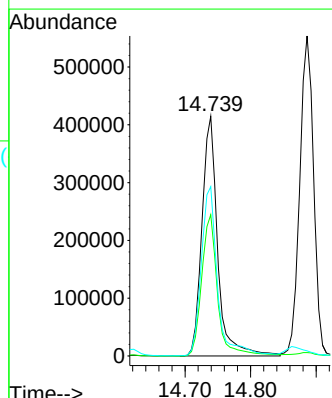
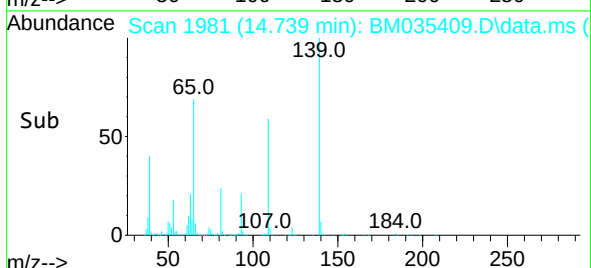
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

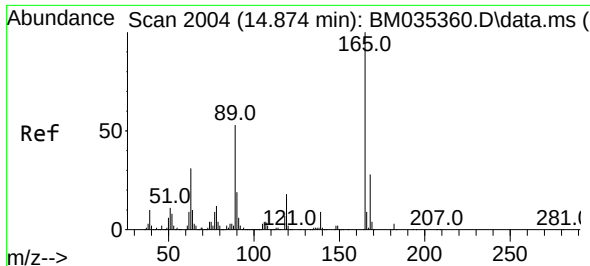


#56
4-Nitrophenol
Concen: 82.719 ng
RT: 14.739 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



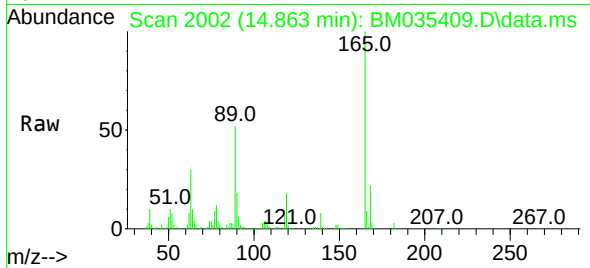
Tgt Ion:139 Resp: 695441
Ion Ratio Lower Upper
139 100
109 58.9 62.5 102.5#
65 70.6 83.5 123.5#





#57
2,4-Dinitrotoluene
Concen: 40.240 ng
RT: 14.863 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

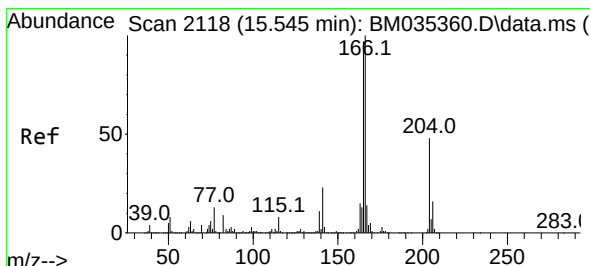
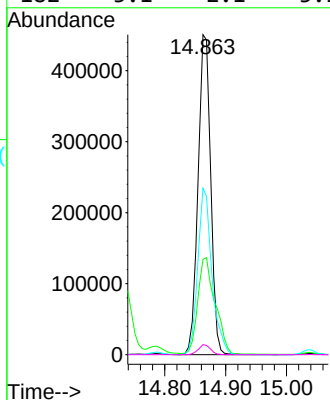
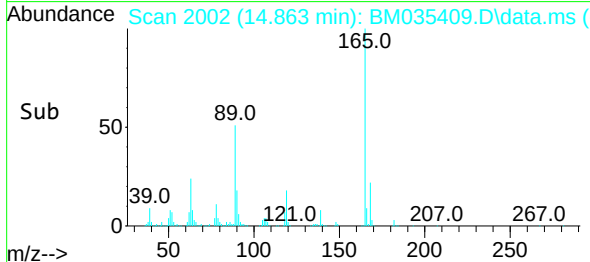
Instrument :
BNA_M
ClientSampleId :
PB145347BS



Tgt Ion:165 Resp: 650034
Ion Ratio Lower Upper
165 100
63 29.8 35.6 53.4
89 52.0 57.3 85.9
182 3.1 2.1 3.1#

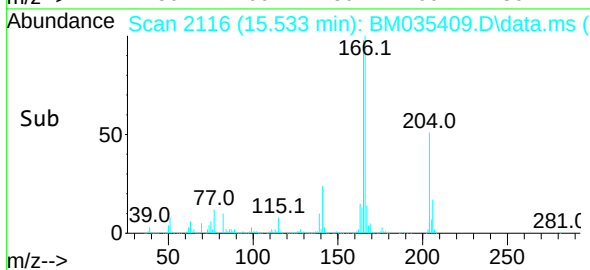
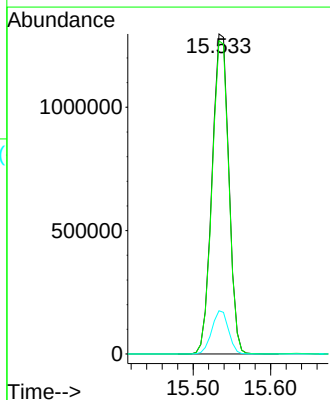
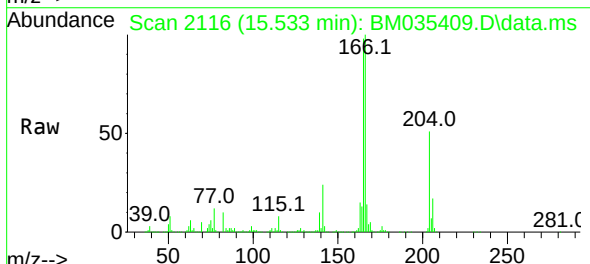
Manual Integrations
APPROVED

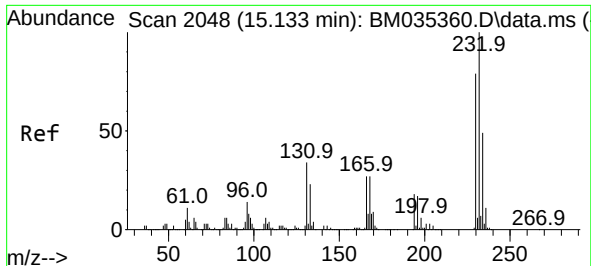
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#58
Fluorene
Concen: 37.643 ng
RT: 15.533 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

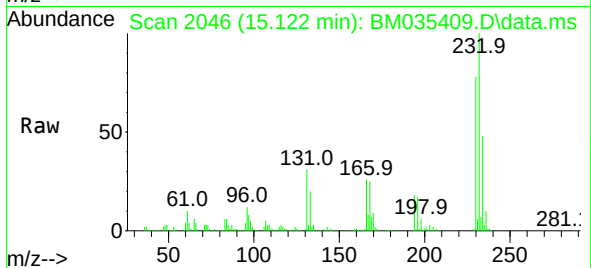
Tgt Ion:166 Resp: 1948028
Ion Ratio Lower Upper
166 100
165 97.9 79.4 119.2
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.542 ng
RT: 15.122 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

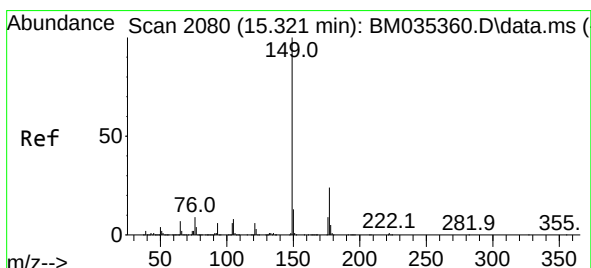
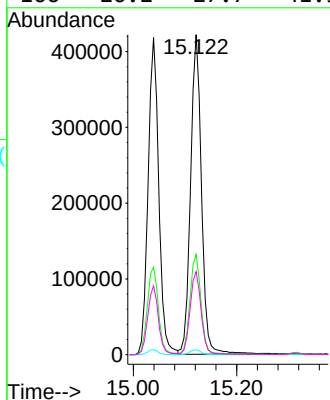
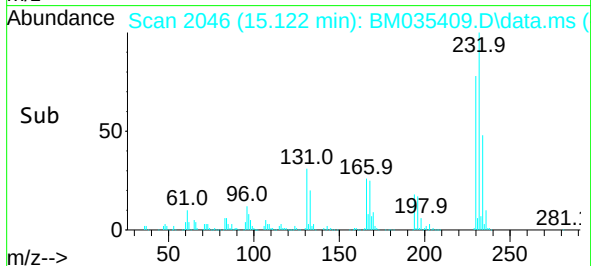
Instrument :
BNA_M
ClientSampleId :
PB145347BS



Tgt Ion:232 Resp: 61739
Ion Ratio Lower Upper
232 100
131 31.7 41.0 61.6
130 1.6 2.3 3.5
166 26.2 27.7 41.5#

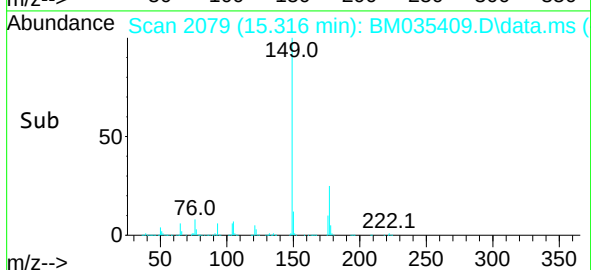
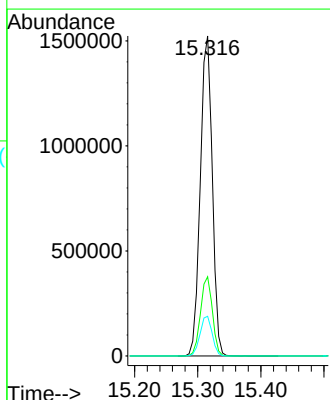
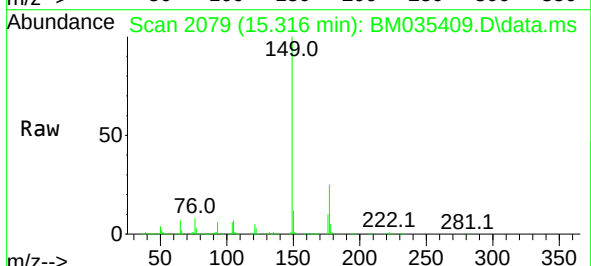
Manual Integrations
APPROVED

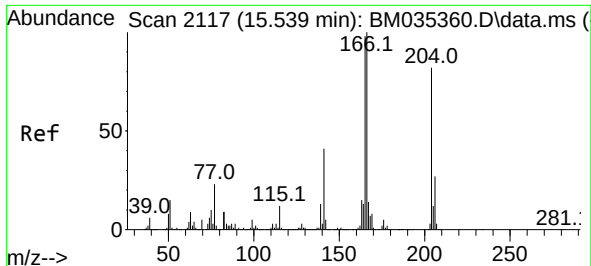
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#60
Diethylphthalate
Concen: 36.652 ng
RT: 15.316 min Scan# 2079
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

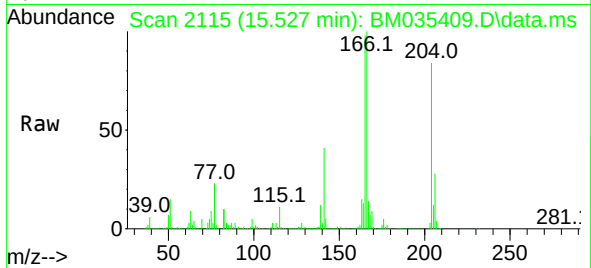
Tgt Ion:149 Resp: 2003734
Ion Ratio Lower Upper
149 100
177 24.7 16.9 25.3
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 36.153 ng
RT: 15.527 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

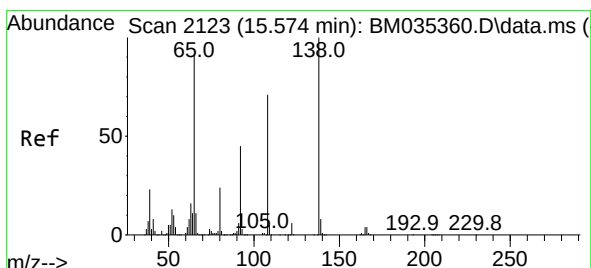
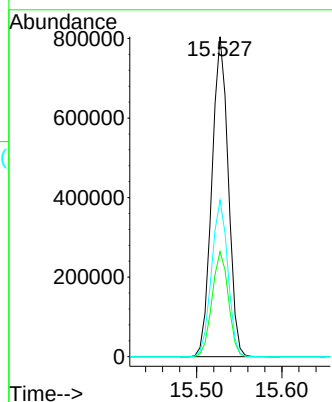
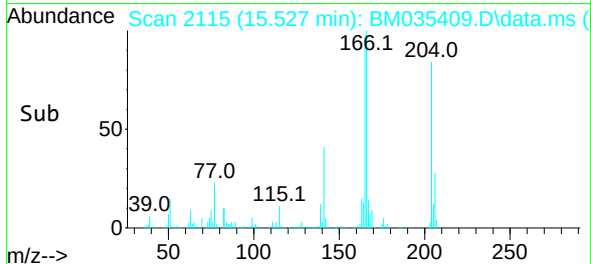
Instrument :
BNA_M
ClientSampleId :
PB145347BS



Tgt Ion:204 Resp: 1073100
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 48.9 51.2 76.8

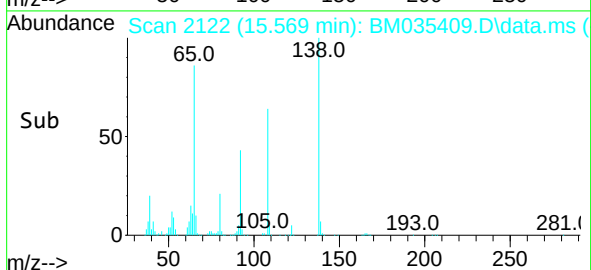
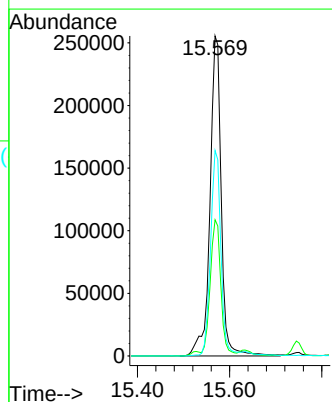
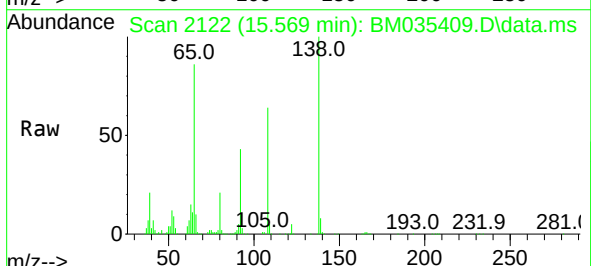
Manual Integrations
APPROVED

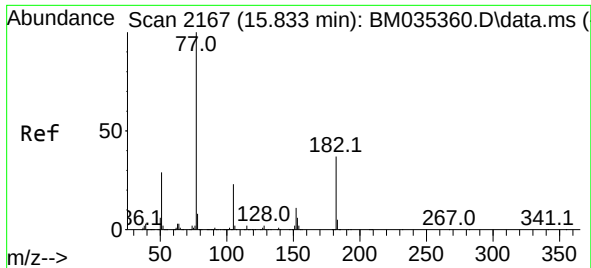
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#62
4-Nitroaniline
Concen: 37.311 ng
RT: 15.569 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

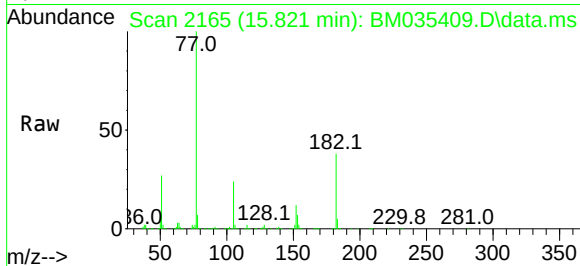
Tgt Ion:138 Resp: 436099
Ion Ratio Lower Upper
138 100
92 42.6 30.8 70.8
108 64.2 65.7 105.7





#63
Azobenzene
Concen: 36.847 ng
RT: 15.821 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

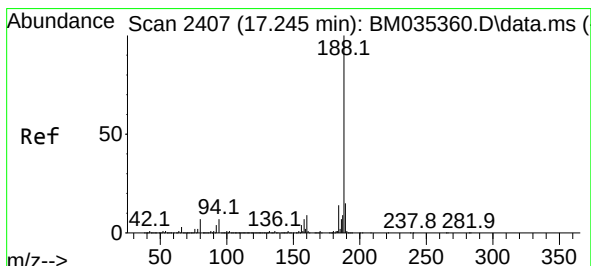
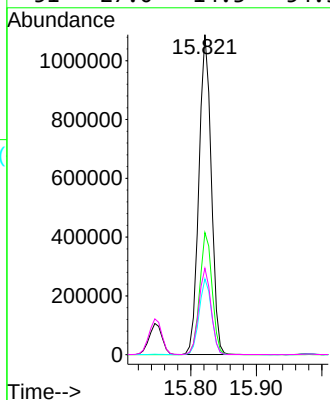
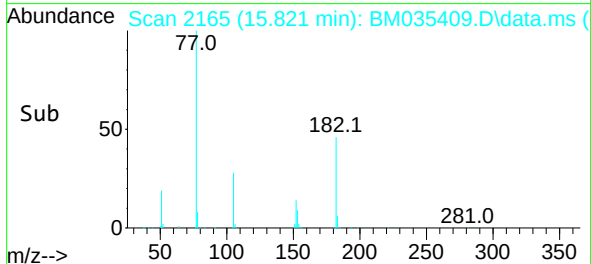
Instrument :
BNA_M
ClientSampleId :
PB145347BS



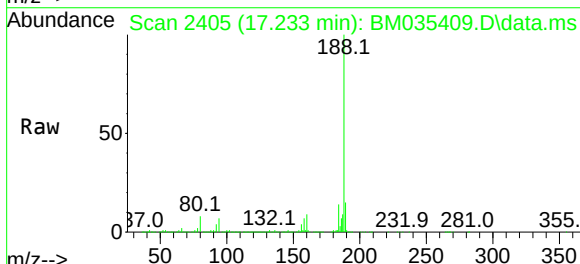
Tgt Ion: 77 Resp: 1430260
Ion Ratio Lower Upper
77 100
182 38.2 4.9 44.9
105 23.7 0.0 39.6
51 27.0 14.3 54.3

Manual Integrations
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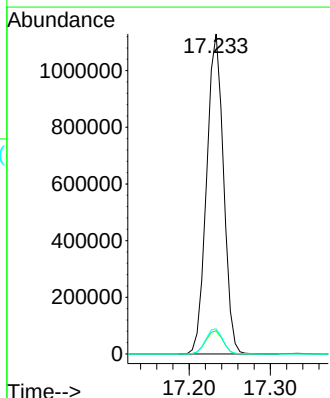
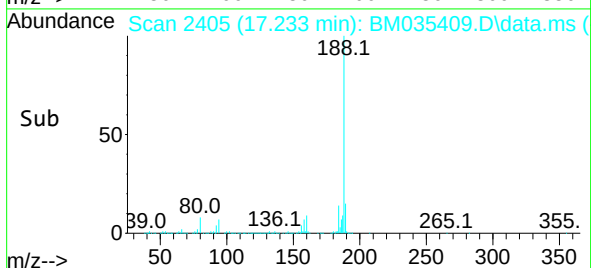
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

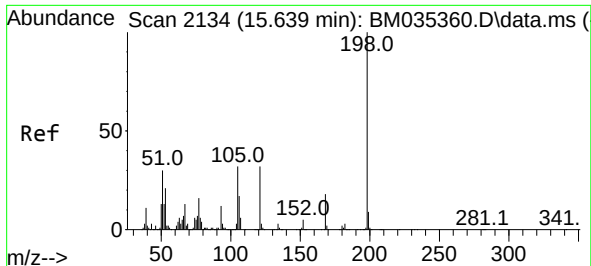


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



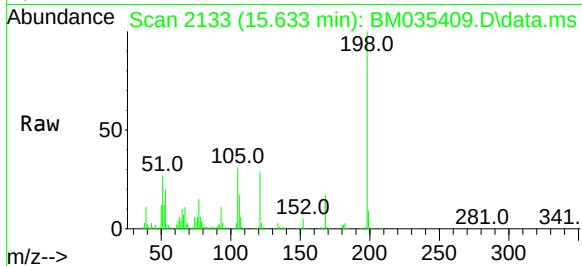
Tgt Ion:188 Resp: 1629261
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.4
80 7.8 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 37.121 ng
RT: 15.633 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

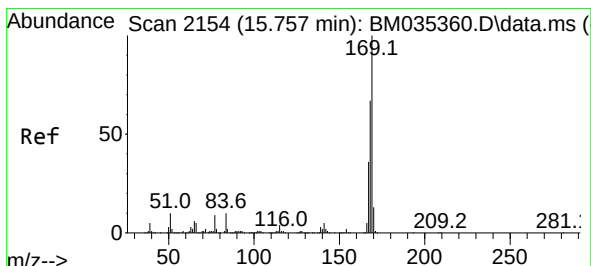
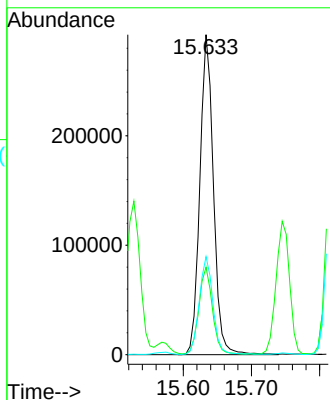
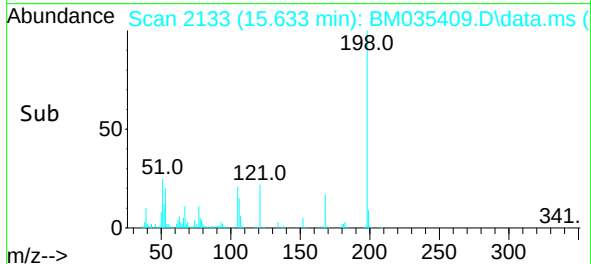
Instrument :
BNA_M
ClientSampleId :
PB145347BS



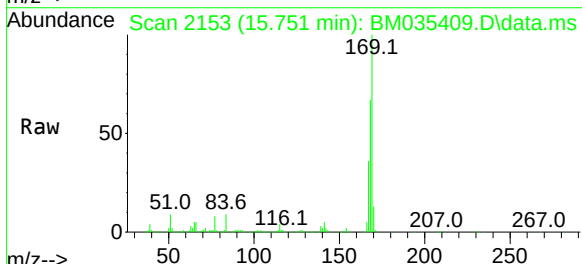
Tgt Ion:198 Resp: 406302
Ion Ratio Lower Upper
198 100
51 27.3 29.0 69.0
105 30.6 22.1 62.1

Manual Integrations
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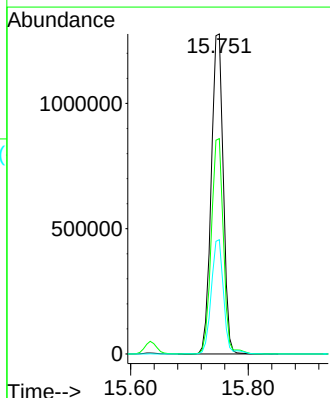
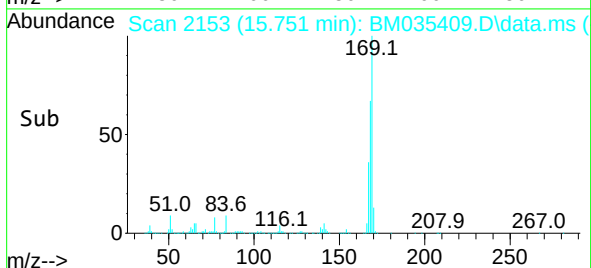
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

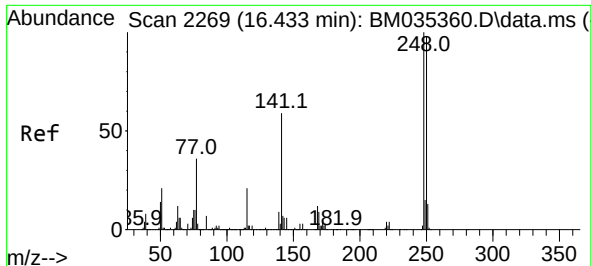


#66
n-Nitrosodiphenylamine
Concen: 39.372 ng
RT: 15.751 min Scan# 2153
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



Tgt Ion:169 Resp: 1810214
Ion Ratio Lower Upper
169 100
168 67.3 54.3 81.5
167 35.7 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 38.959 ng
RT: 16.421 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

Instrument :

BNA_M

ClientSampleId :

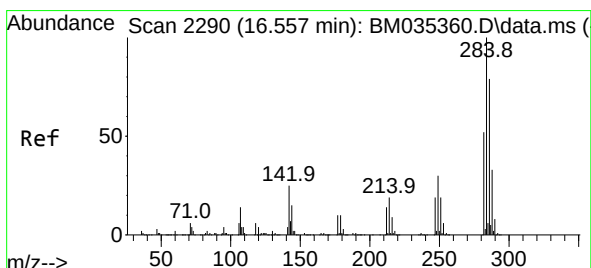
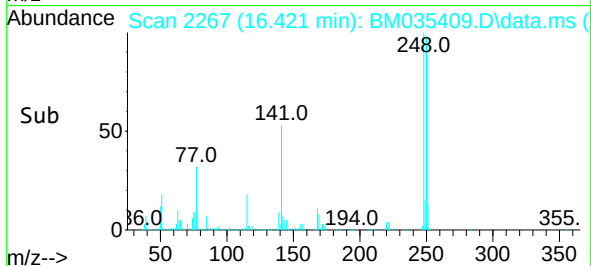
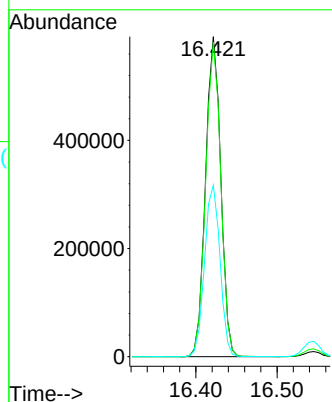
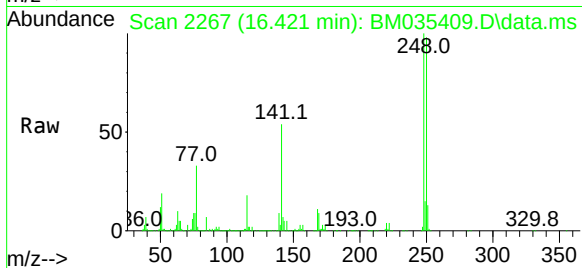
PB145347BS

Tgt Ion:248 Resp: 76940
Ion Ratio Lower Upper
248 100
250 98.3 78.0 117.0
141 53.6 66.0 99.0

Manual Integrations

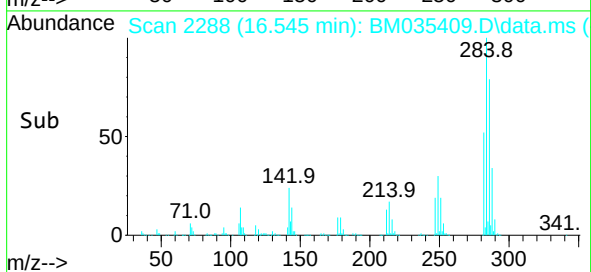
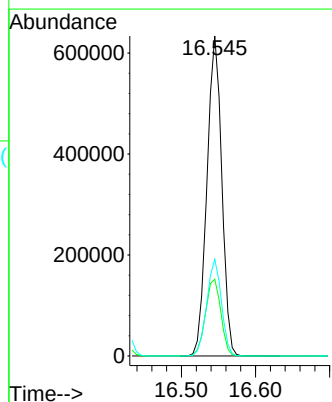
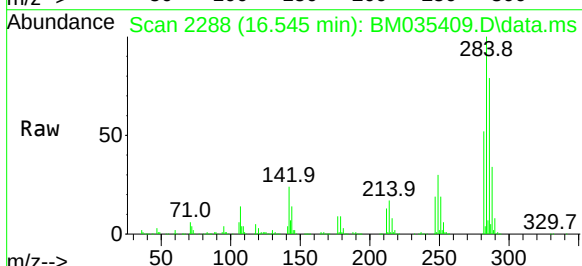
APPROVED

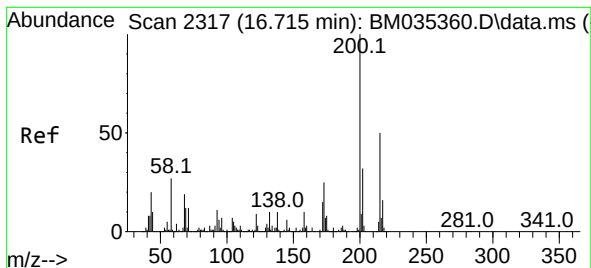
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#68
Hexachlorobenzene
Concen: 39.774 ng
RT: 16.545 min Scan# 2288
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

Tgt Ion:284 Resp: 878629
Ion Ratio Lower Upper
284 100
142 24.0 33.6 50.4#
249 30.2 26.2 39.2





#69

Atrazine

Concen: 41.507 ng

RT: 16.704 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM035409.D

Acq: 07 Jun 2022 12:19

Instrument :

BNA_M

ClientSampleId :

PB145347BS

Tgt Ion:200 Resp: 70226

Ion Ratio Lower Upper

200 100

173 25.5 6.6 46.6

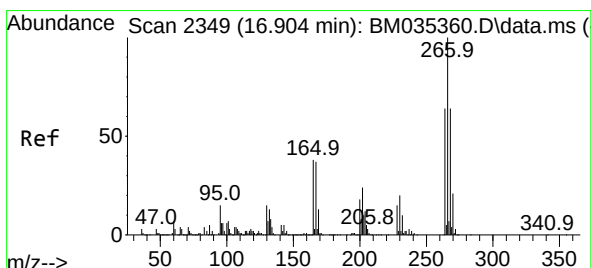
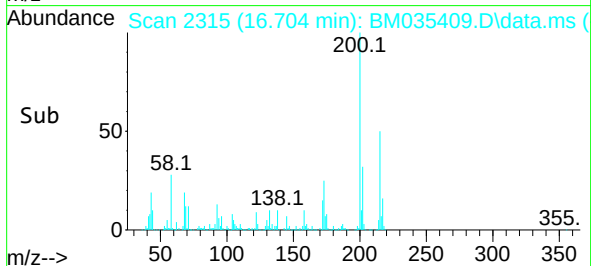
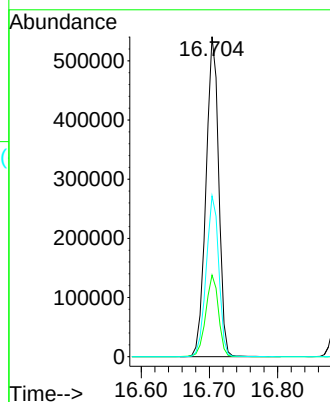
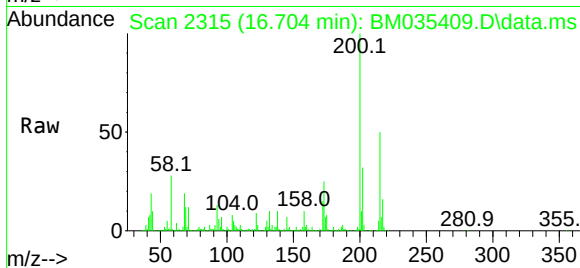
215 50.2 26.2 66.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/08/2022

Supervised By :Jagrut Upadhyay 06/09/2022



#70

Pentachlorophenol

Concen: 81.277 ng

RT: 16.892 min Scan# 2347

Delta R.T. -0.000 min

Lab File: BM035409.D

Acq: 07 Jun 2022 12:19

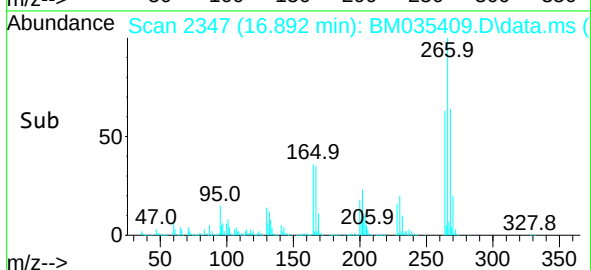
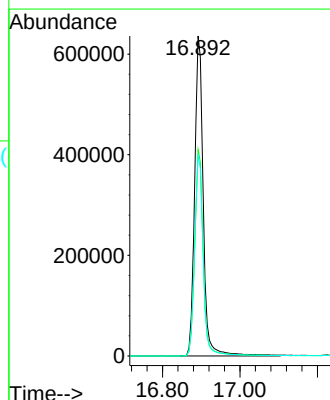
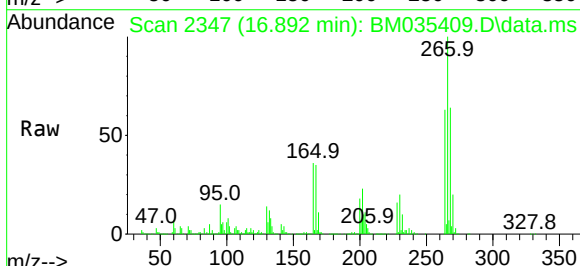
Tgt Ion:266 Resp: 981351

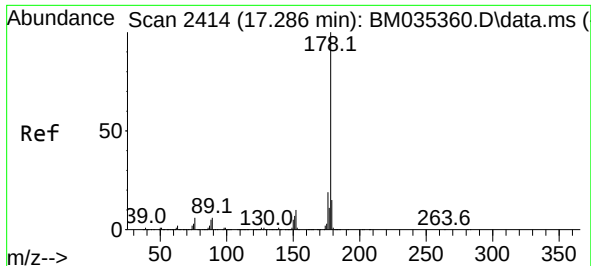
Ion Ratio Lower Upper

266 100

268 64.5 51.9 77.9

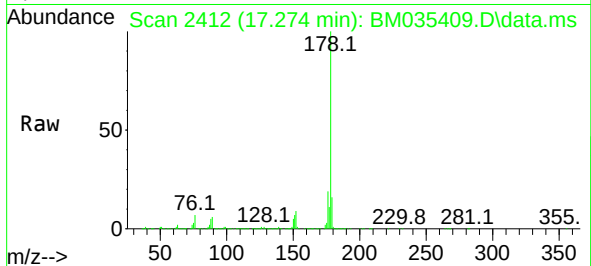
264 63.1 50.6 76.0





#71
Phenanthrene
Concen: 39.551 ng
RT: 17.274 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

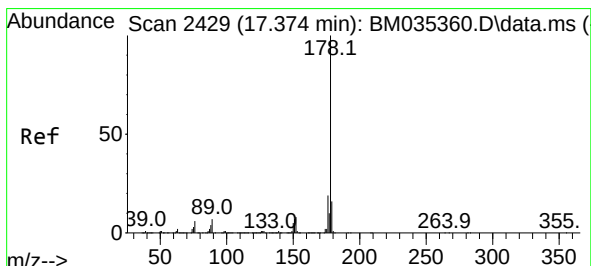
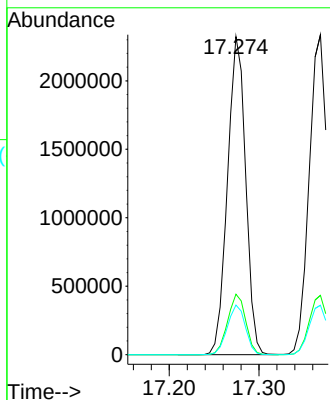
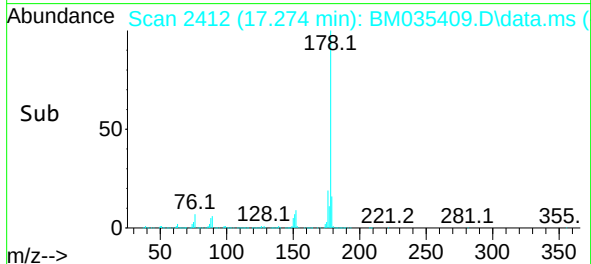
Instrument :
BNA_M
ClientSampleId :
PB145347BS



Tgt Ion:178 Resp: 3261589
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.6 12.4 18.6

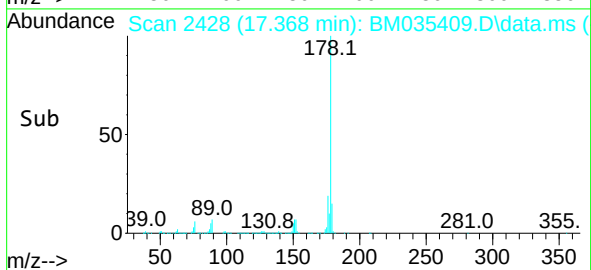
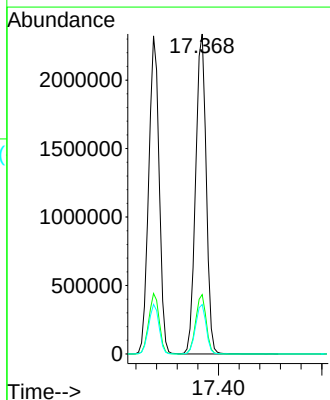
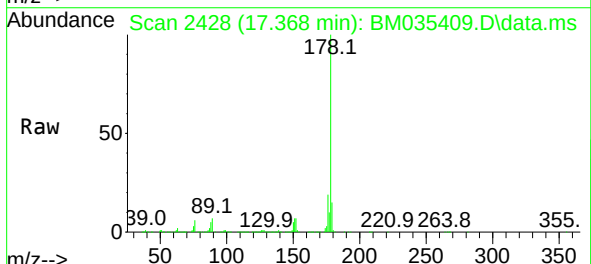
Manual Integrations
APPROVED

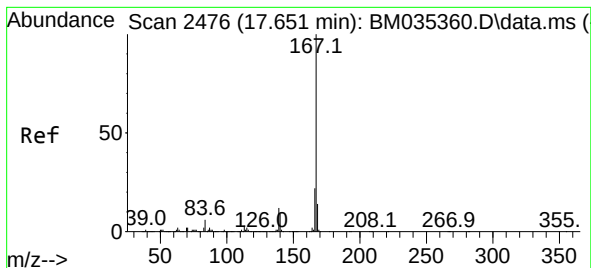
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#72
Anthracene
Concen: 40.317 ng
RT: 17.368 min Scan# 2428
Delta R.T. 0.006 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

Tgt Ion:178 Resp: 3312311
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.4 12.2 18.2





#73

Carbazole

Concen: 38.102 ng

RT: 17.639 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM035409.D

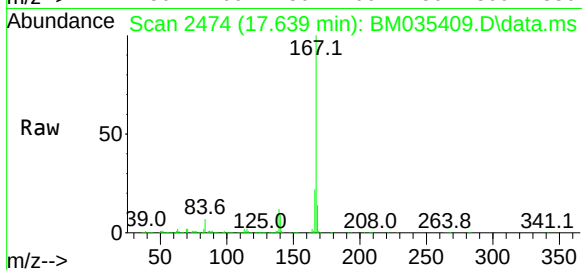
Acq: 07 Jun 2022 12:19

Instrument :

BNA_M

ClientSampleId :

PB145347BS



Tgt Ion:167 Resp: 2948020

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.8

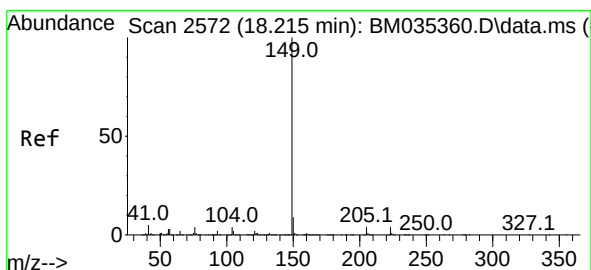
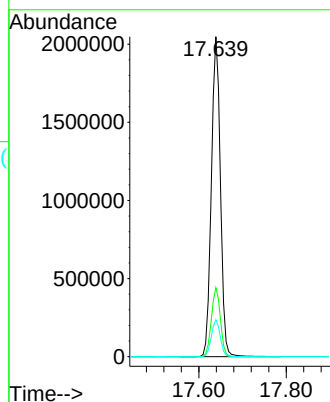
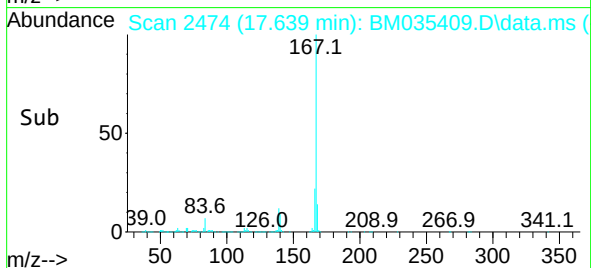
139 11.5 10.9 16.3

Manual Integrations

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Reviewed By :Christian Giraldo 06/08/2022

Supervised By :Jagrut Upadhyay 06/09/2022



#74

Di-n-butylphthalate

Concen: 36.201 ng

RT: 18.204 min Scan# 2570

Delta R.T. -0.000 min

Lab File: BM035409.D

Acq: 07 Jun 2022 12:19

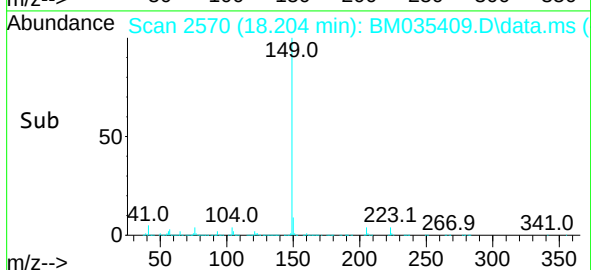
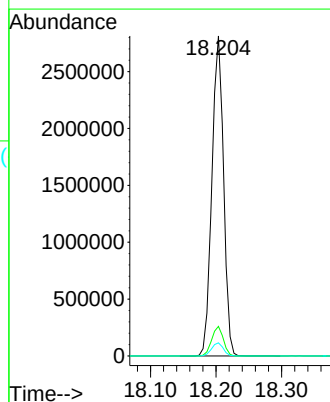
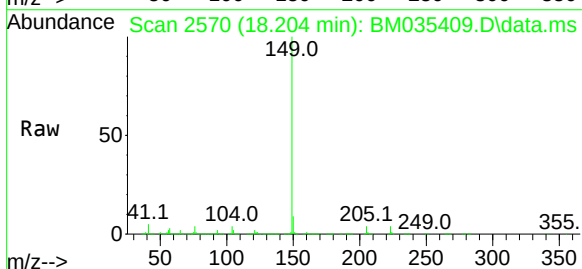
Tgt Ion:149 Resp: 3478176

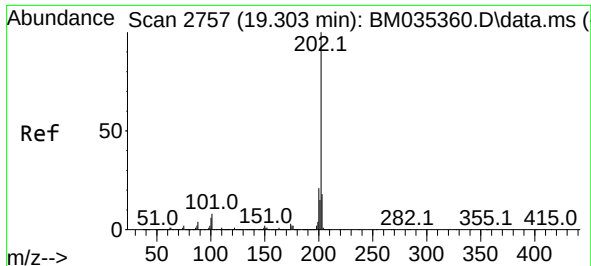
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

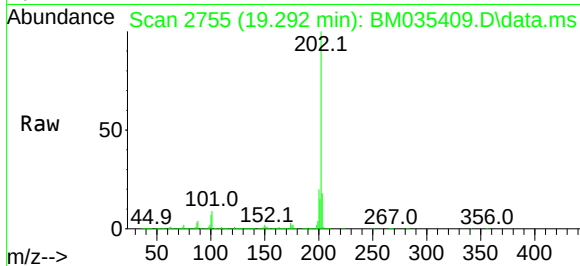
104 4.1 4.3 6.5





#75
Fluoranthene
Concen: 38.195 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

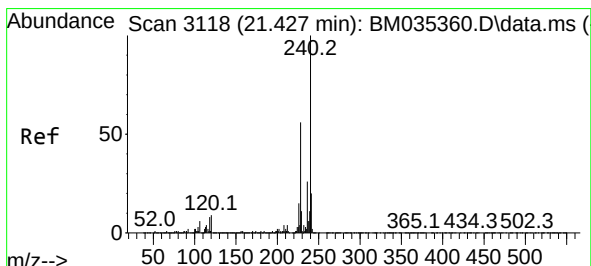
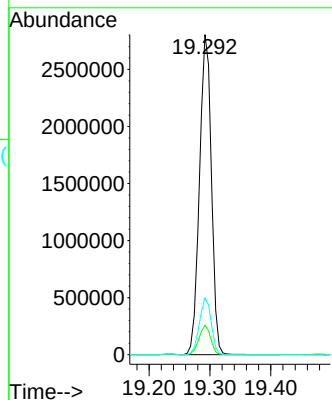
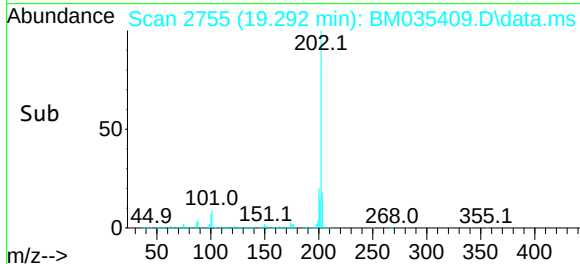
Instrument :
BNA_M
ClientSampleId :
PB145347BS



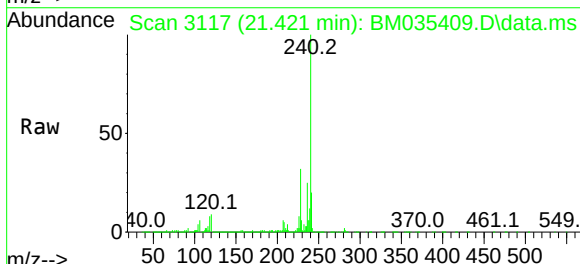
Tgt Ion:202 Resp: 3802304
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.6
203 17.7 0.0 37.4

Manual Integrations
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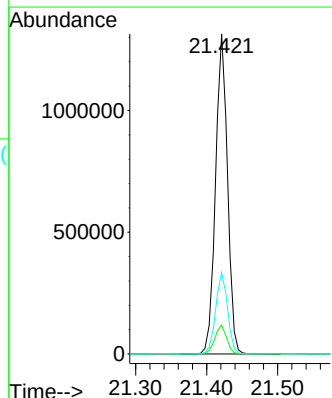
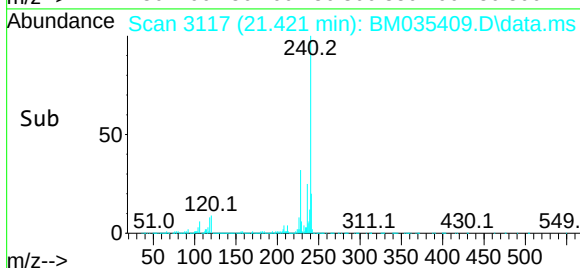
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

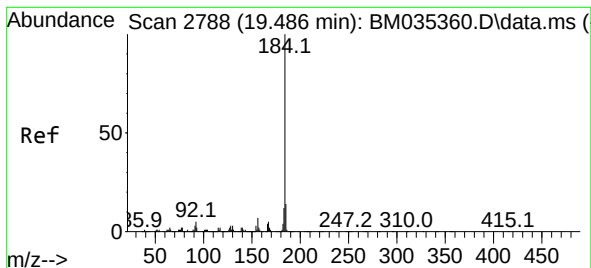


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



Tgt Ion:240 Resp: 1532491
Ion Ratio Lower Upper
240 100
120 9.0 9.4 14.0#
236 25.4 20.6 30.8





#77

Benzidine

Concen: 49.542 ng

RT: 19.480 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM035409.D

Acq: 07 Jun 2022 12:19

Instrument :

BNA_M

ClientSampleId :

PB145347BS

Tgt Ion:184 Resp: 1429218

Ion Ratio Lower Upper

184 100

185 13.7 11.3 16.9

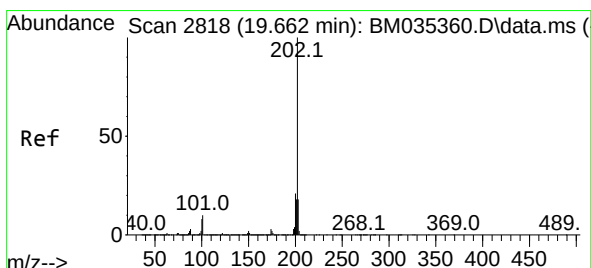
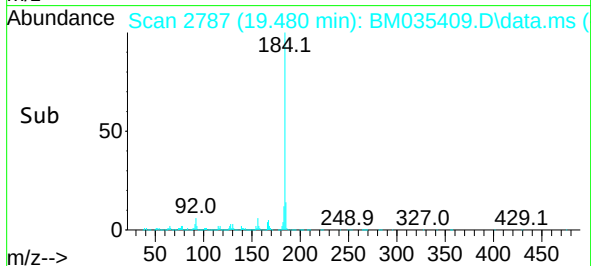
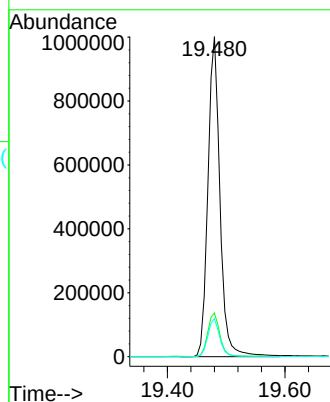
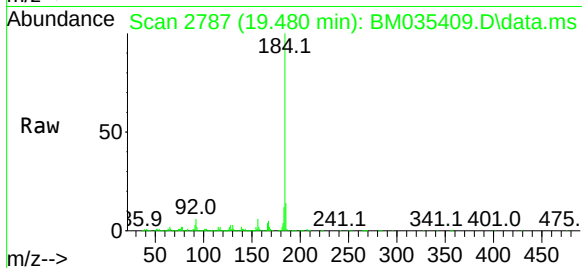
183 11.9 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/08/2022

Supervised By :Jagrut Upadhyay 06/09/2022



#78

Pyrene

Concen: 41.660 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.000 min

Lab File: BM035409.D

Acq: 07 Jun 2022 12:19

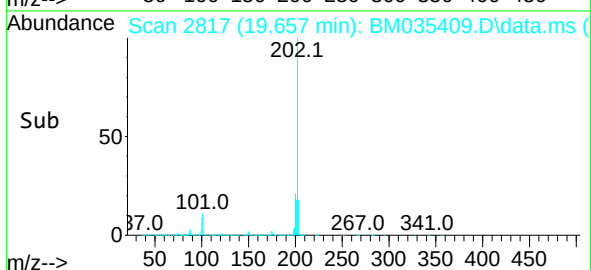
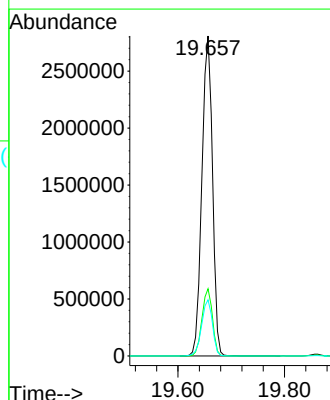
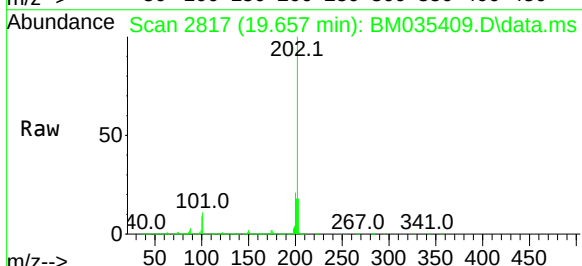
Tgt Ion:202 Resp: 3871584

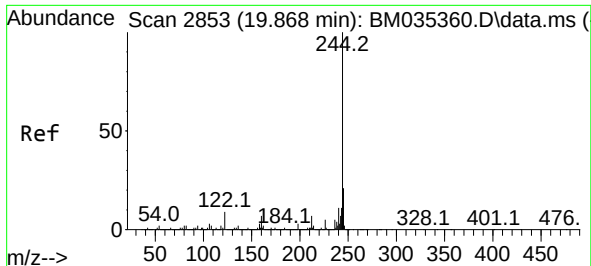
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.5 13.9 20.9





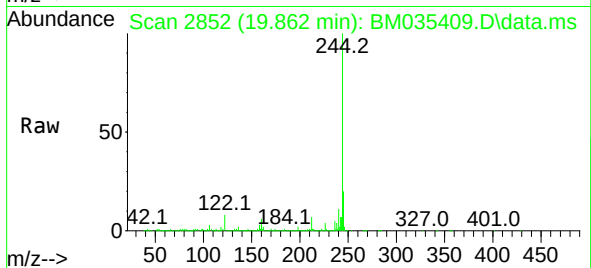
#79
 Terphenyl-d14
 Concen: 81.995 ng
 RT: 19.862 min Scan# 2853
 Delta R.T. 0.006 min
 Lab File: BM035409.D
 Acq: 07 Jun 2022 12:19

Instrument :

BNA_M

ClientSampleId :

PB145347BS

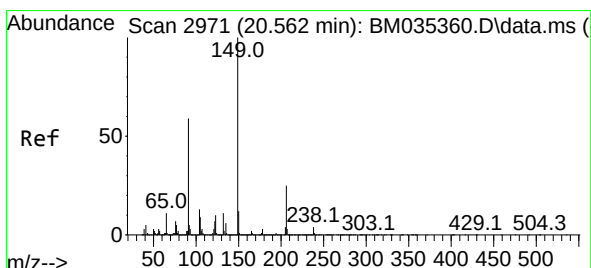
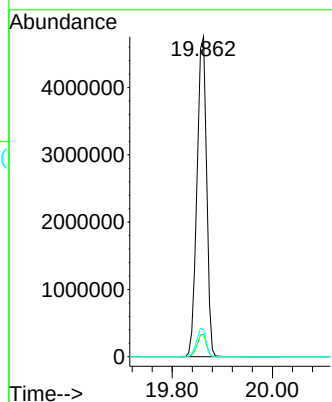
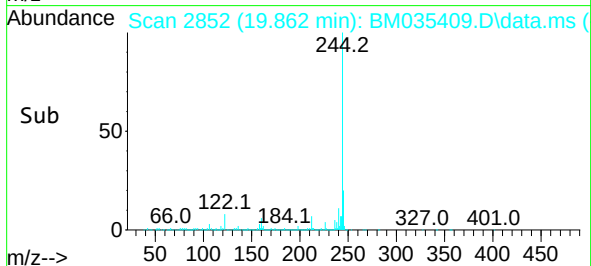


Tgt Ion:244 Resp: 6307210
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 8.4 8.3 12.5

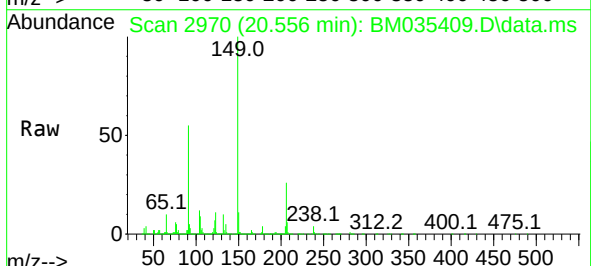
Manual Integrations

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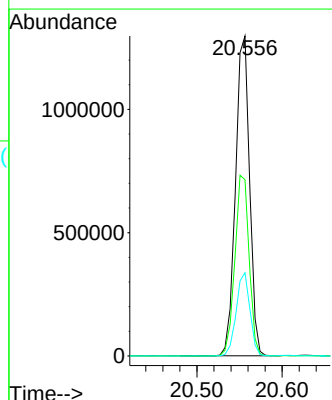
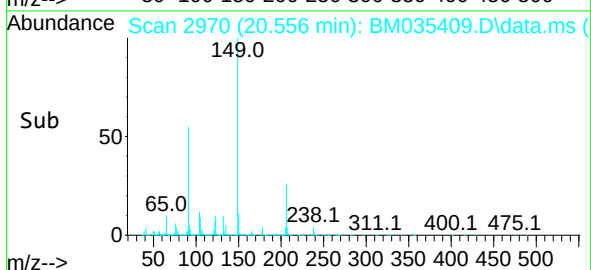
Reviewed By :Christian Giraldo 06/08/2022
 Supervised By :Jagrut Upadhyay 06/09/2022

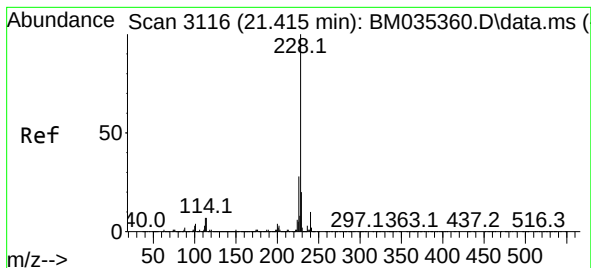


#80
 Butylbenzylphthalate
 Concen: 37.783 ng
 RT: 20.556 min Scan# 2970
 Delta R.T. 0.006 min
 Lab File: BM035409.D
 Acq: 07 Jun 2022 12:19



Tgt Ion:149 Resp: 1491465
 Ion Ratio Lower Upper
 149 100
 91 55.1 56.6 85.0#
 206 26.0 15.4 23.0#





#81

Benzo(a)anthracene

Concen: 40.234 ng

RT: 21.403 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BM035409.D

Acq: 07 Jun 2022 12:19

Instrument :

BNA_M

ClientSampleId :

PB145347BS

Tgt Ion:228 Resp: 378557

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

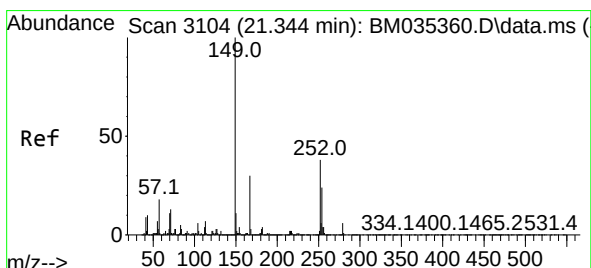
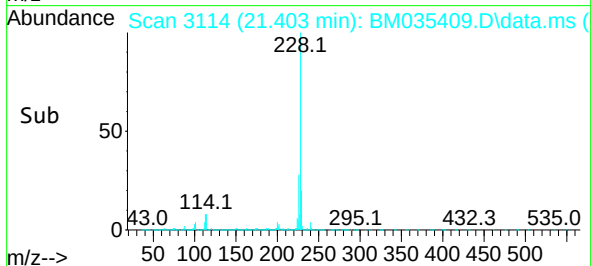
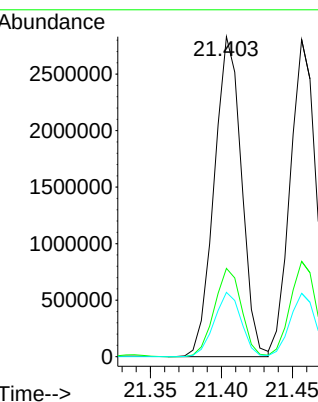
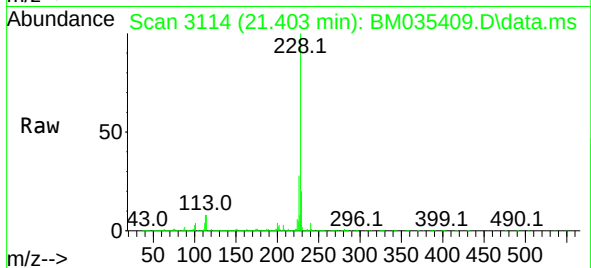
229 20.1 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/08/2022

Supervised By :Jagrut Upadhyay 06/09/2022



#82

3,3'-Dichlorobenzidine

Concen: 51.891 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BM035409.D

Acq: 07 Jun 2022 12:19

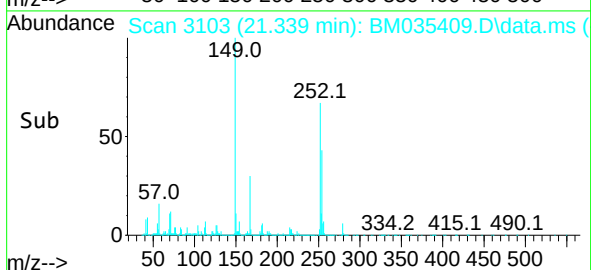
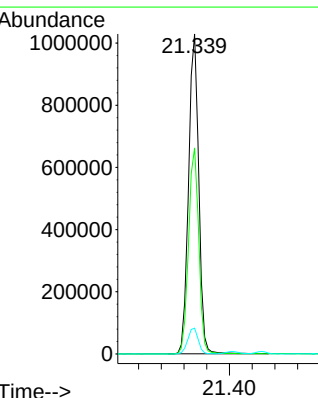
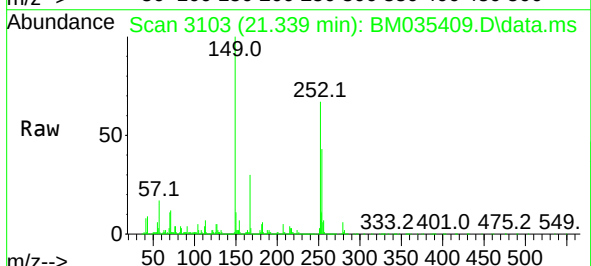
Tgt Ion:252 Resp: 1283923

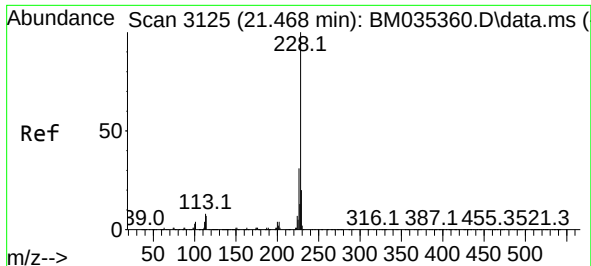
Ion Ratio Lower Upper

252 100

254 64.4 51.7 77.5

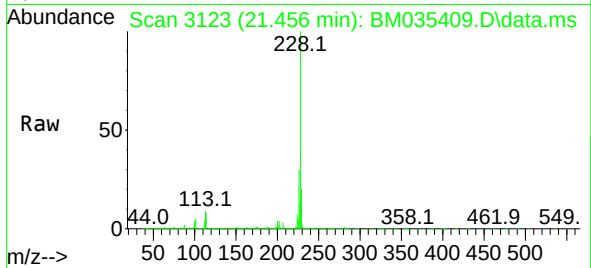
126 8.0 9.4 14.0#





#83
Chrysene
Concen: 38.842 ng
RT: 21.456 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

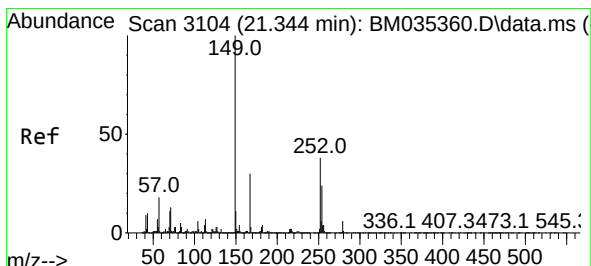
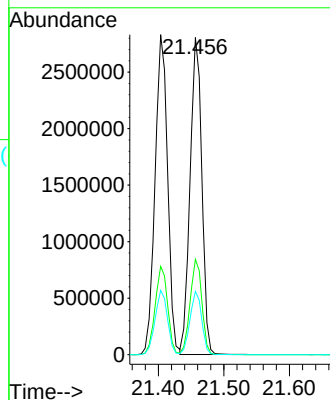
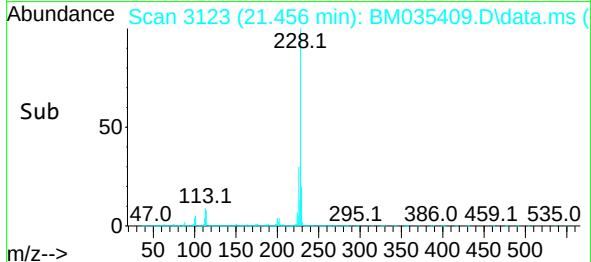
Instrument :
BNA_M
ClientSampleId :
PB145347BS



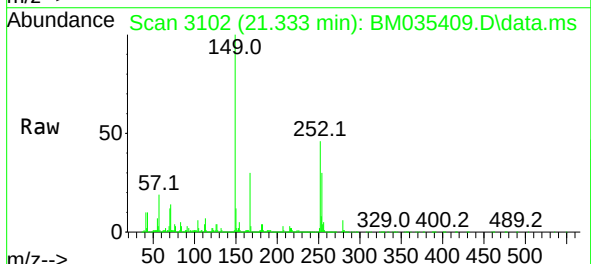
Tgt Ion:228 Resp: 348954
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 20.0 15.8 23.8

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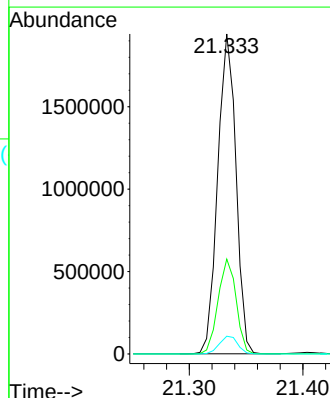
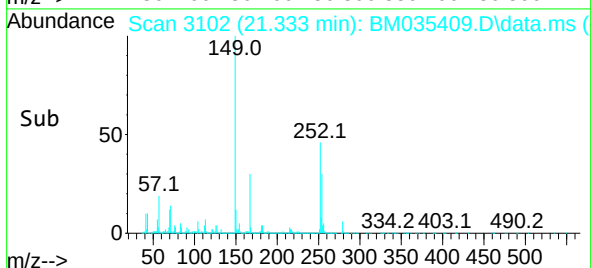
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

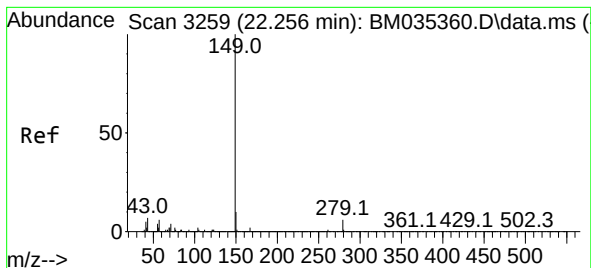


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.408 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



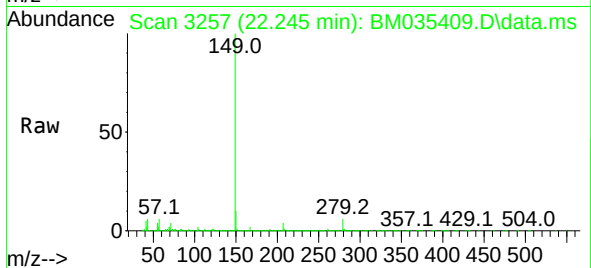
Tgt Ion:149 Resp: 2164731
Ion Ratio Lower Upper
149 100
167 29.7 21.1 31.7
279 5.6 2.8 4.2#





#85
Di-n-octyl phthalate
Concen: 35.488 ng
RT: 22.245 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

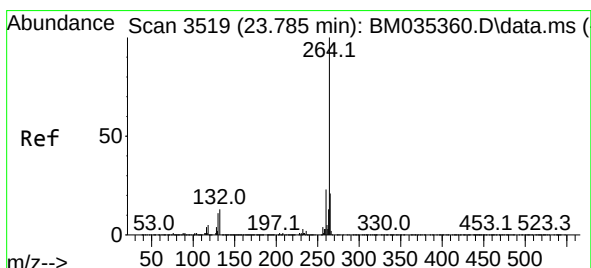
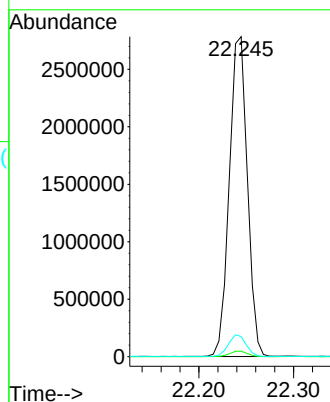
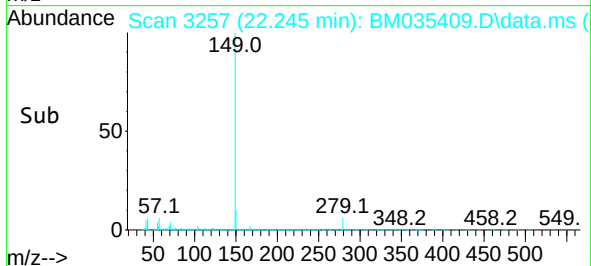
Instrument :
BNA_M
ClientSampleId :
PB145347BS



Tgt Ion:149 Resp: 3688079
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 6.6 8.6 12.8

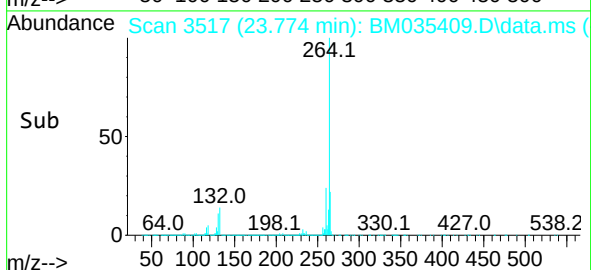
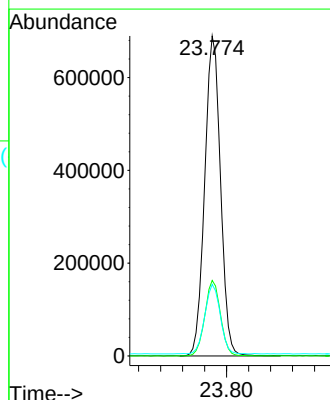
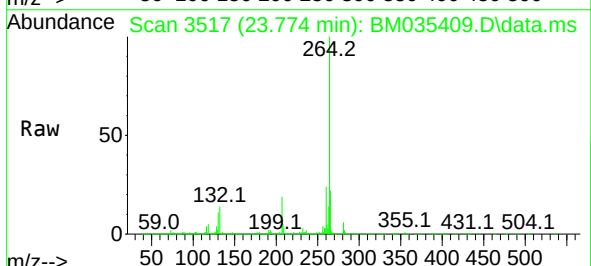
Manual Integrations
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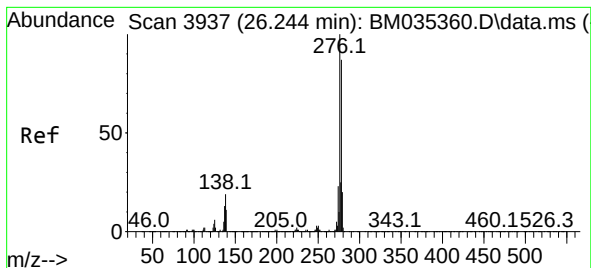
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

Tgt Ion:264 Resp: 1374661
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 22.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.523 ng

RT: 26.221 min Scan# 3933

Delta R.T. -0.000 min

Lab File: BM035409.D

Acq: 07 Jun 2022 12:19

Instrument :

BNA_M

ClientSampleId :

PB145347BS

Tgt Ion:276 Resp: 3877729

Ion Ratio Lower Upper

276 100

138 21.1 20.2 30.4

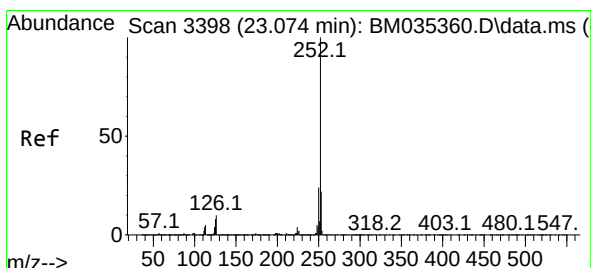
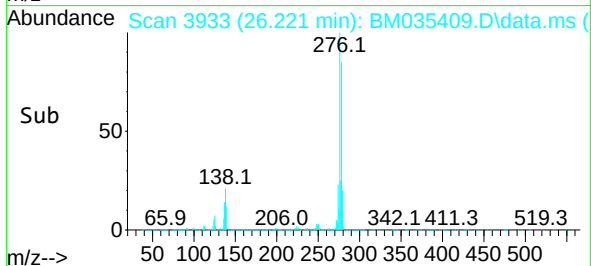
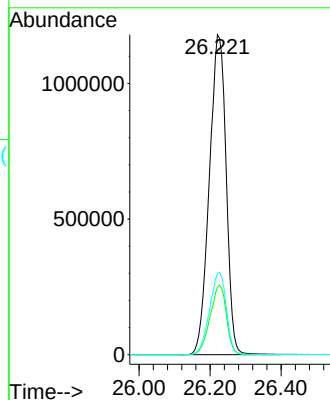
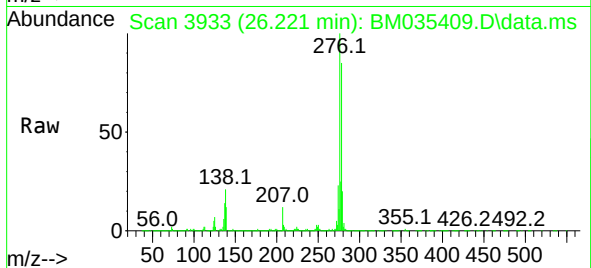
277 25.6 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/08/2022

Supervised By :Jagrut Upadhyay 06/09/2022



#88

Benzo(b)fluoranthene

Concen: 46.075 ng

RT: 23.062 min Scan# 3396

Delta R.T. -0.000 min

Lab File: BM035409.D

Acq: 07 Jun 2022 12:19

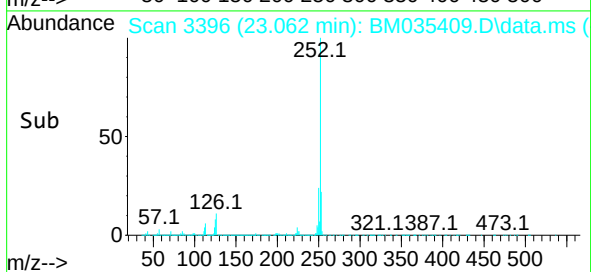
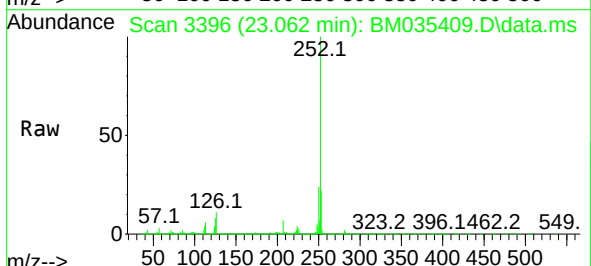
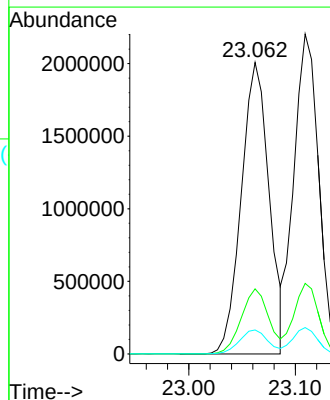
Tgt Ion:252 Resp: 3648095

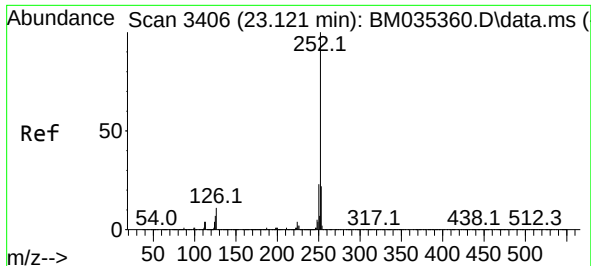
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

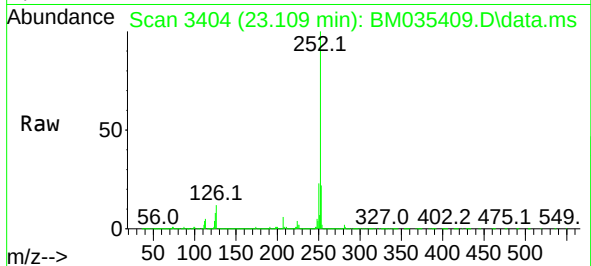
125 8.3 7.6 11.4





#89
Benzo(k)fluoranthene
Concen: 43.945 ng
RT: 23.109 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

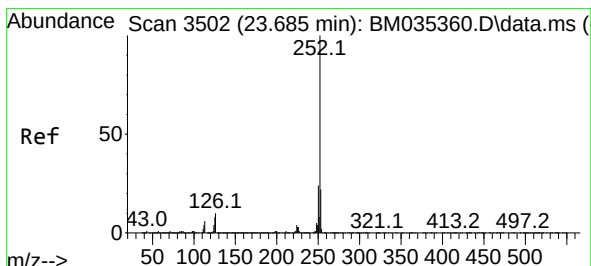
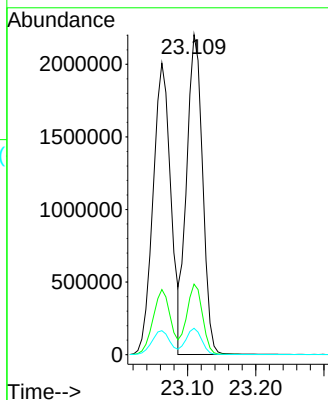
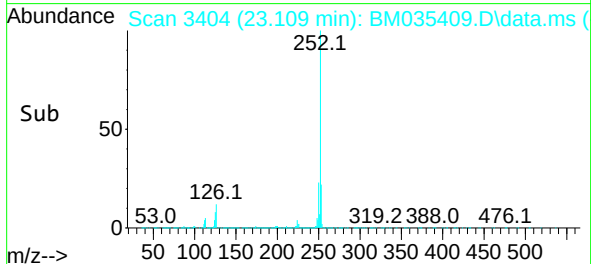
Instrument :
BNA_M
ClientSampleId :
PB145347BS



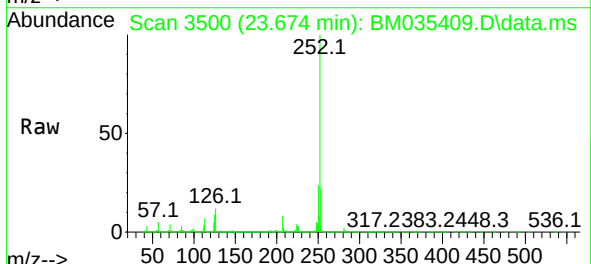
Tgt Ion:252 Resp: 3560480
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.3 7.6 11.4

Manual Integrations
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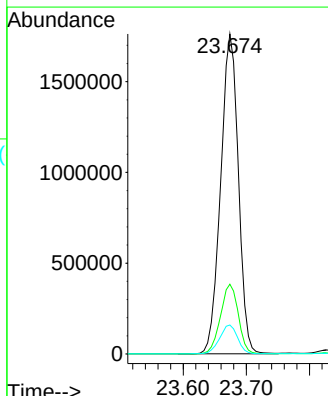
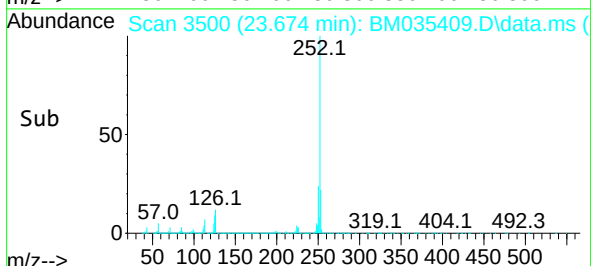
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

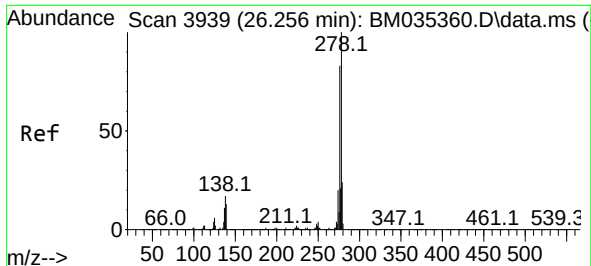


#90
Benzo(a)pyrene
Concen: 50.773 ng
RT: 23.674 min Scan# 3500
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19



Tgt Ion:252 Resp: 3422752
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.0 8.7 13.1





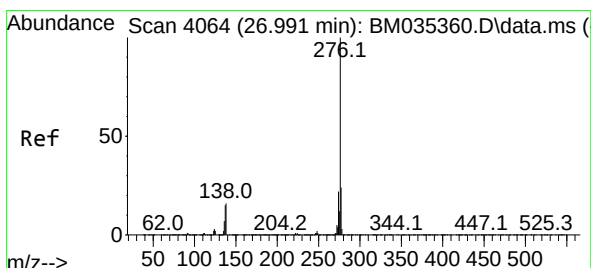
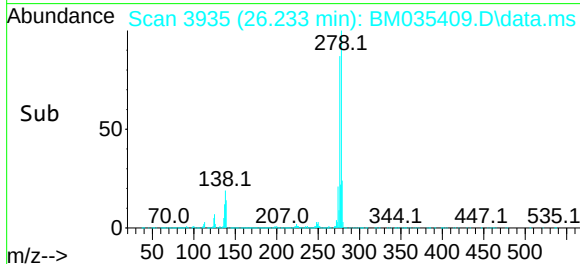
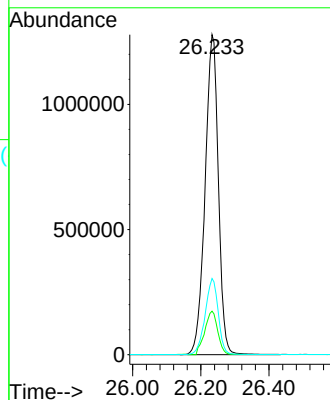
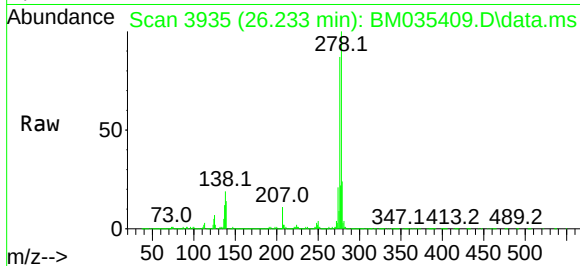
#91
Dibenzo(a,h)anthracene
Concen: 45.494 ng
RT: 26.233 min Scan# 3939
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

Instrument :
BNA_M
ClientSampleId :
PB145347BS

Tgt Ion:278 Resp: 346272
Ion Ratio Lower Upper
278 100
139 13.6 12.9 19.3
279 23.8 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#92
Benzo(g,h,i)perylene
Concen: 46.543 ng
RT: 26.968 min Scan# 4060
Delta R.T. -0.000 min
Lab File: BM035409.D
Acq: 07 Jun 2022 12:19

Tgt Ion:276 Resp: 3416960
Ion Ratio Lower Upper
276 100
277 24.0 18.7 28.1
138 18.1 17.6 26.4

