

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037472.D
 Acq On : 11 Nov 2022 18:15
 Operator : CG/JU
 Sample : PB148855BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB148855BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/12/2022
 Supervised By : Jagrut Upadhyay 11/12/2022

Quant Time: Nov 11 22:57:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 11 22:49:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	239267	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	927047	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	497408	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	880979	20.000	ng	0.00
76) Chrysene-d12	21.380	240	789628	20.000	ng	0.00
86) Perylene-d12	23.721	264	737651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1906514	137.661	ng	0.00
7) Phenol-d6	6.993	99	2380424	126.642	ng	0.00
23) Nitrobenzene-d5	8.975	82	1515148	82.459	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	929849	158.629	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	3286413	87.788	ng	0.00
79) Terphenyl-d14	19.821	244	4343978	98.653	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	190472	33.586	ng	96
3) Pyridine	3.663	79	493438	29.205	ng	99
4) n-Nitrosodimethylamine	3.575	42	297906	40.341	ng	94
6) Aniline	7.140	93	854208	37.174	ng	99
8) 2-Chlorophenol	7.369	128	746354	44.278	ng	98
9) Benzaldehyde	6.951	77	287000	30.165	ng	99
10) Phenol	7.016	94	853746	40.536	ng	98
11) bis(2-Chloroethyl)ether	7.240	93	695520	41.188	ng	99
12) 1,3-Dichlorobenzene	7.692	146	816435	44.325	ng	99
13) 1,4-Dichlorobenzene	7.840	146	841571	44.294	ng	99
14) 1,2-Dichlorobenzene	8.151	146	809537	44.364	ng	98
15) Benzyl Alcohol	8.057	79	580191	43.174	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.345	45	979678	40.695	ng	99
17) 2-Methylphenol	8.263	107	581653	42.259	ng	98
18) Hexachloroethane	8.875	117	318911	47.595	ng	95
19) n-Nitroso-di-n-propyla...	8.622	70	518541	40.247	ng	99
20) 3+4-Methylphenols	8.592	107	759068	40.149	ng	98
22) Acetophenone	8.639	105	1063684	44.144	ng	# 99
24) Nitrobenzene	9.022	77	774055	41.552	ng	97
25) Isophorone	9.545	82	1342943	43.731	ng	99
26) 2-Nitrophenol	9.728	139	381922	45.796	ng	99
27) 2,4-Dimethylphenol	9.792	122	604435	48.836	ng	99
28) bis(2-Chloroethoxy)met...	10.028	93	859905	45.005	ng	100
29) 2,4-Dichlorophenol	10.263	162	634705	44.674	ng	98
30) 1,2,4-Trichlorobenzene	10.469	180	707478	43.912	ng	99
31) Naphthalene	10.657	128	2171338	41.341	ng	99
32) Benzoic acid	9.951	122	415847	38.529	ng	98
33) 4-Chloroaniline	10.781	127	576296	27.546	ng	100
34) Hexachlorobutadiene	10.928	225	427478	47.516	ng	99
35) Caprolactam	11.592	113	177516	41.099	ng	97
36) 4-Chloro-3-methylphenol	11.916	107	597166	40.787	ng	97
37) 2-Methylnaphthalene	12.269	142	1439853	40.462	ng	100
38) 1-Methylnaphthalene	12.486	142	1379124	39.663	ng	100
40) 1,2,4,5-Tetrachloroben...	12.639	216	743082	49.686	ng	99
41) Hexachlorocyclopentadiene	12.610	237	916067	128.561	ng	99
43) 2,4,6-Trichlorophenol	12.886	196	470829	45.732	ng	98

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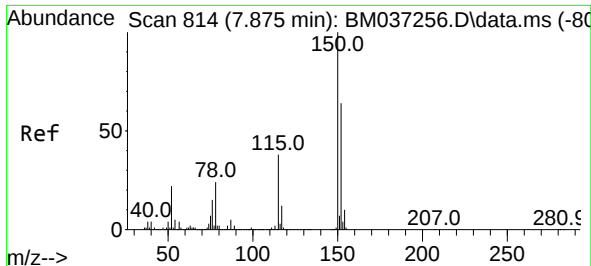
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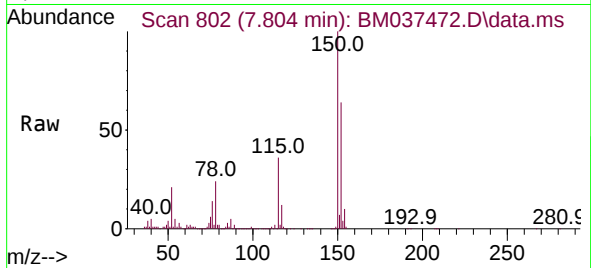
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	520698	45.848	ng	99
46) 1,1'-Biphenyl	13.286	154	1825044	45.467	ng	99
47) 2-Chloronaphthalene	13.327	162	1406056	44.018	ng	99
48) 2-Nitroaniline	13.545	65	389020	42.144	ng	100
49) Acenaphthylene	14.174	152	2134324	43.043	ng	100
50) Dimethylphthalate	13.921	163	1589709	41.842	ng	100
51) 2,6-Dinitrotoluene	14.045	165	353395	43.923	ng	95
52) Acenaphthene	14.516	154	1278509	41.706	ng	100
53) 3-Nitroaniline	14.374	138	269402	29.972	ng	99
54) 2,4-Dinitrophenol	14.586	184	420023	79.342	ng	95
55) Dibenzofuran	14.851	168	1999628	42.351	ng	99
56) 4-Nitrophenol	14.698	139	599664	83.628	ng	97
57) 2,4-Dinitrotoluene	14.833	165	476463	45.004	ng	98
58) Fluorene	15.498	166	1638744	41.581	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	420114	44.133	ng	96
60) Diethylphthalate	15.280	149	1564362	42.364	ng	100
61) 4-Chlorophenyl-phenyle...	15.492	204	798408	43.788	ng	98
62) 4-Nitroaniline	15.539	138	330483m	36.661	ng	
63) Azobenzene	15.786	77	1489609	40.949	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	245190	40.741	ng	99
66) n-Nitrosodiphenylamine	15.715	169	1338308	44.943	ng	100
67) 4-Bromophenyl-phenylether	16.386	248	468945	47.434	ng	99
68) Hexachlorobenzene	16.498	284	569832	47.628	ng	94
69) Atrazine	16.668	200	443014	59.128	ng	99
70) Pentachlorophenol	16.851	266	676491	97.171	ng	98
71) Phenanthrene	17.239	178	2317978	42.410	ng	100
72) Anthracene	17.327	178	2354580	45.505	ng	99
73) Carbazole	17.609	167	2098053	44.203	ng	99
74) Di-n-butylphthalate	18.162	149	2551048	48.675	ng	100
75) Fluoranthene	19.256	202	2521480	43.642	ng	98
77) Benzidine	19.456	184	926392	78.678	ng	100
78) Pyrene	19.621	202	2652721	43.688	ng	99
80) Butylbenzylphthalate	20.521	149	1078386	49.730	ng	96
81) Benzo(a)anthracene	21.368	228	2430704	43.238	ng	99
82) 3,3'-Dichlorobenzidine	21.309	252	856640	51.883	ng	98
83) Chrysene	21.421	228	2311633	42.681	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	1572950	54.046	ng	99
85) Di-n-octyl phthalate	22.197	149	2500806	54.560	ng	98
87) Indeno(1,2,3-cd)pyrene	26.144	276	2996254	49.609	ng	98
88) Benzo(b)fluoranthene	23.009	252	2408931	47.039	ng	99
89) Benzo(k)fluoranthene	23.056	252	2397287	45.893	ng	99
90) Benzo(a)pyrene	23.621	252	2104330	50.432	ng	98
91) Dibenzo(a,h)anthracene	26.156	278	2633954	52.515	ng	99
92) Benzo(g,h,i)perylene	26.885	276	2665967	54.614	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

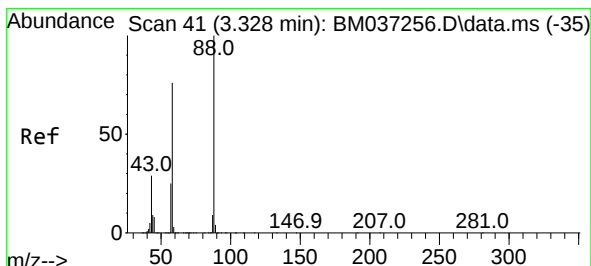
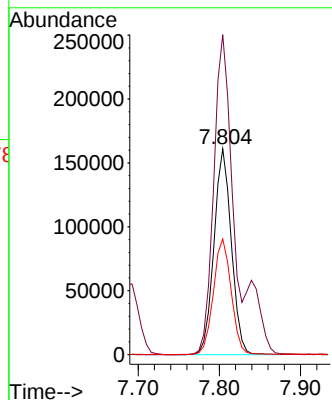
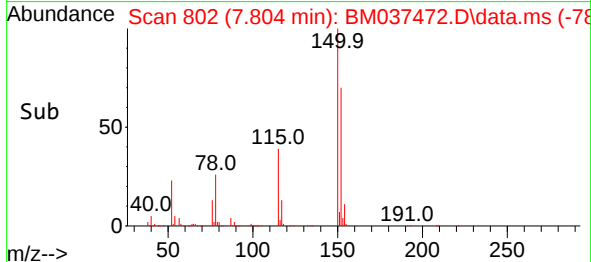
Instrument :
BNA_M
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Tgt Ion:152 Resp: 23926
Ion Ratio Lower Upper
152 100
150 155.5 124.8 187.2
115 56.2 47.0 70.4

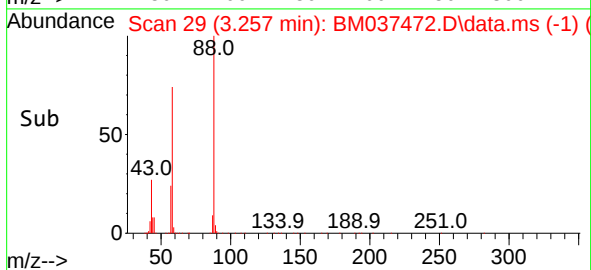
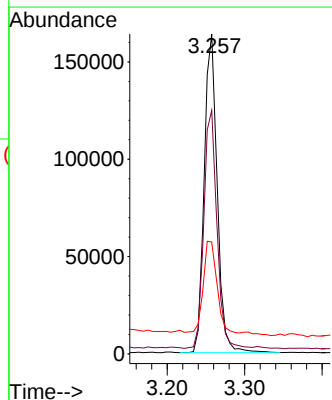
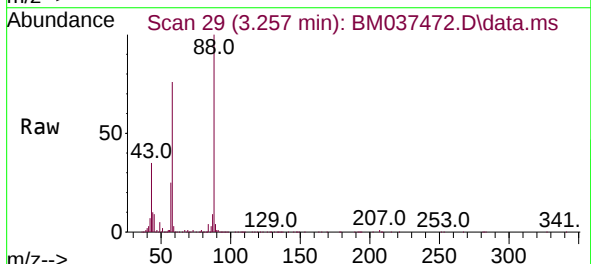
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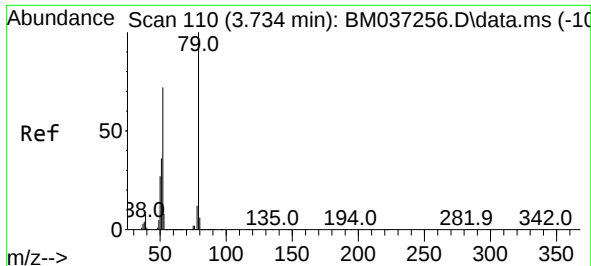
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#2
1,4-Dioxane
Concen: 33.586 ng
RT: 3.257 min Scan# 29
Delta R.T. 0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

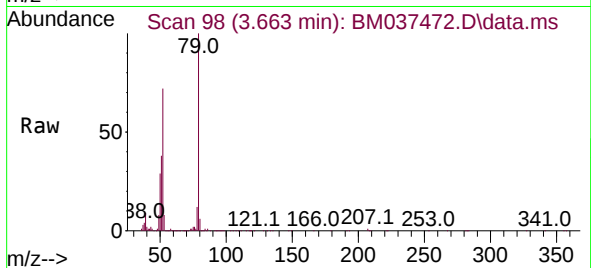
Tgt Ion: 88 Resp: 190472
Ion Ratio Lower Upper
88 100
58 75.2 63.5 95.3
43 30.1 24.2 36.4





#3
Pyridine
Concen: 29.205 ng
RT: 3.663 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

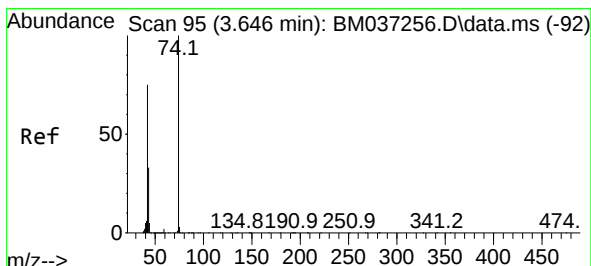
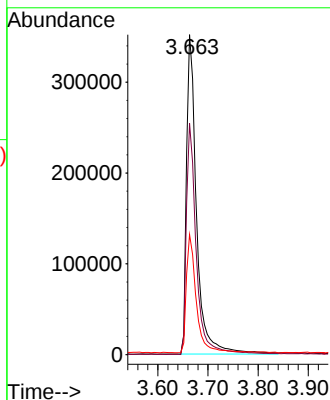
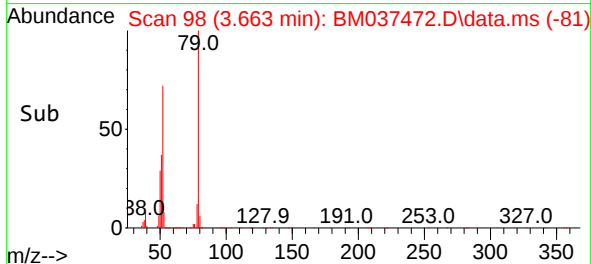
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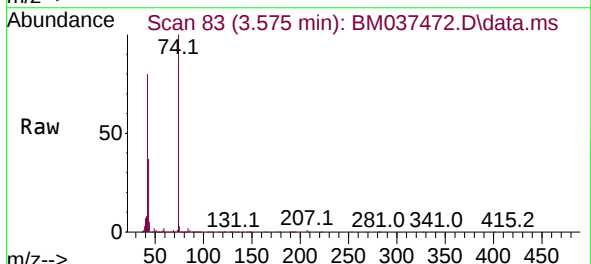
Tgt Ion: 79 Resp: 493438
Ion Ratio Lower Upper
79 100
52 72.3 57.8 86.6
51 37.5 29.0 43.6

Manual Integrations
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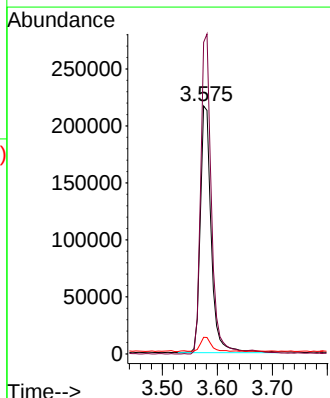
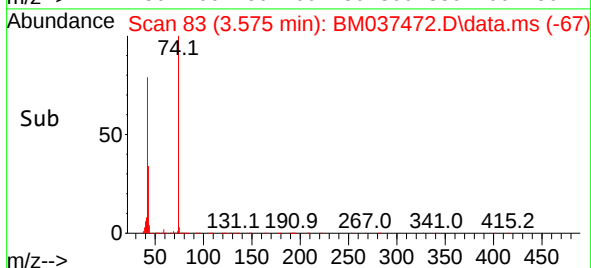
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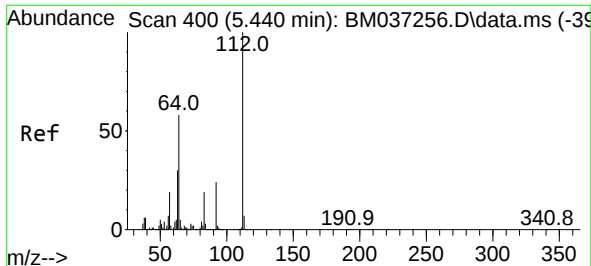


#4
n-Nitrosodimethylamine
Concen: 40.341 ng
RT: 3.575 min Scan# 83
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15



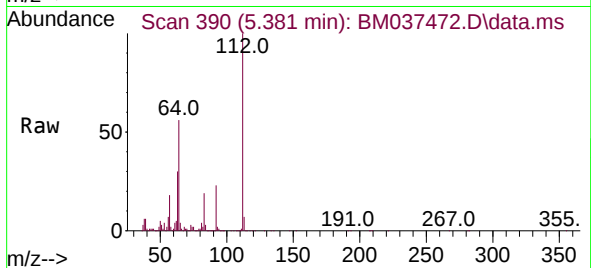
Tgt Ion: 42 Resp: 297906
Ion Ratio Lower Upper
42 100
74 125.7 106.2 159.2
44 6.7 5.4 8.0





#5
2-Fluorophenol
Concen: 137.661 ng
RT: 5.381 min Scan# 39
Delta R.T. 0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

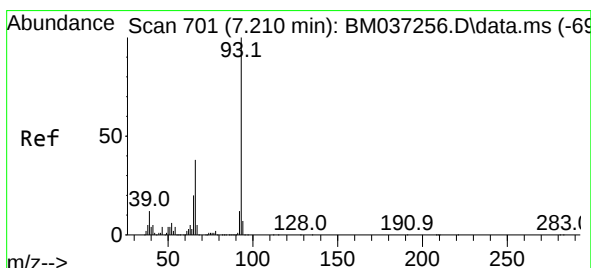
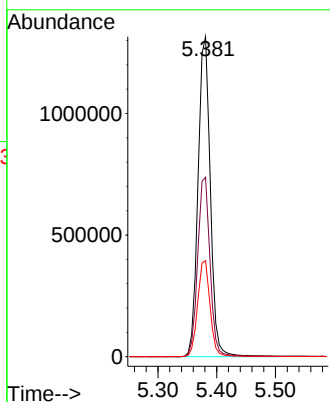
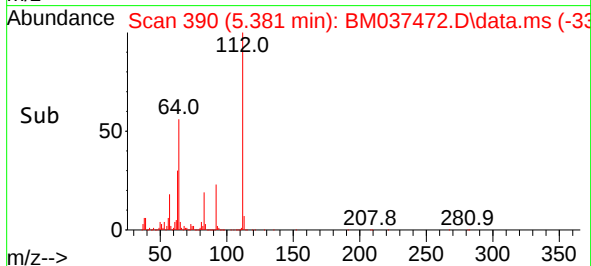
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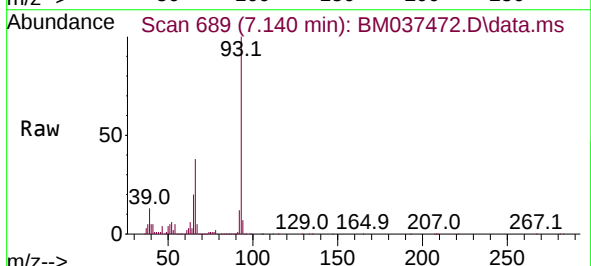
Tgt Ion:112 Resp: 1906514
Ion Ratio Lower Upper
112 100
64 56.1 46.8 70.2
63 30.0 24.4 36.6

Manual Integrations
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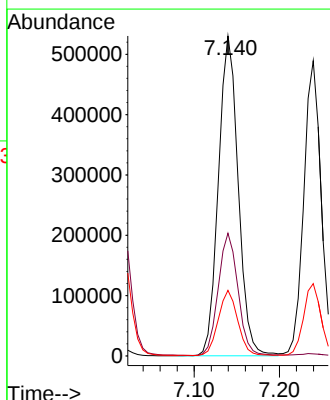
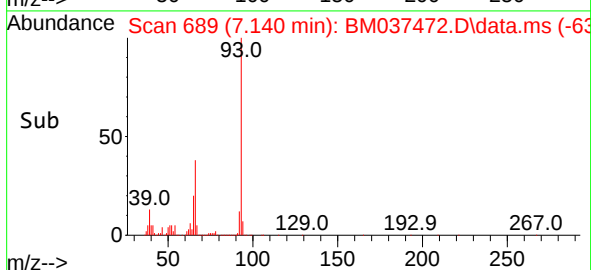
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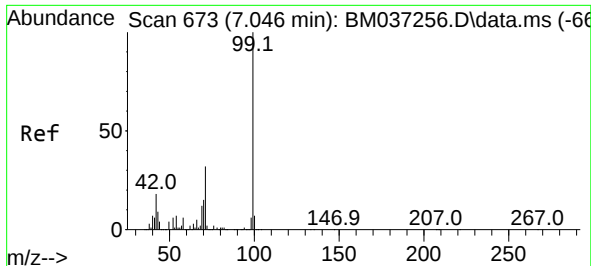


#6
Aniline
Concen: 37.174 ng
RT: 7.140 min Scan# 689
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15



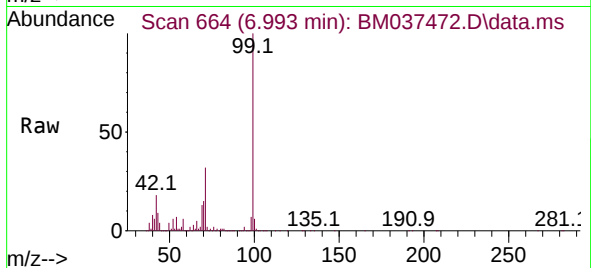
Tgt Ion: 93 Resp: 854208
Ion Ratio Lower Upper
93 100
66 38.3 30.4 45.6
65 20.5 16.2 24.2





#7
Phenol-d6
Concen: 126.642 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

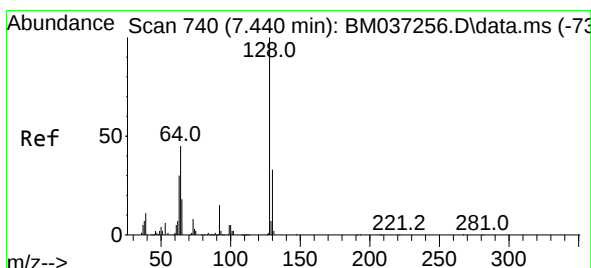
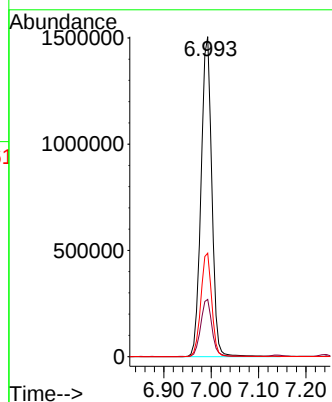
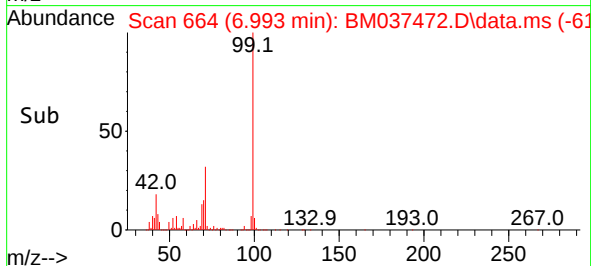
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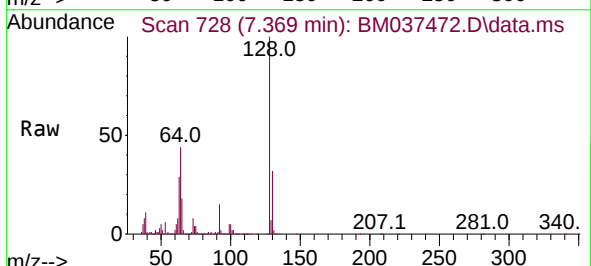
Tgt Ion: 99 Resp: 2380424
Ion Ratio Lower Upper
99 100
42 17.9 14.8 22.2
71 32.3 25.6 38.4

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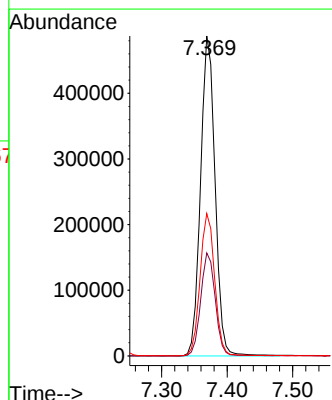
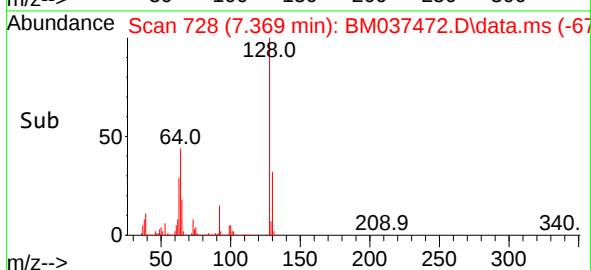
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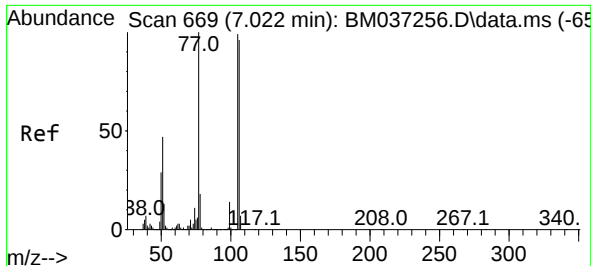


#8
2-Chlorophenol
Concen: 44.278 ng
RT: 7.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15



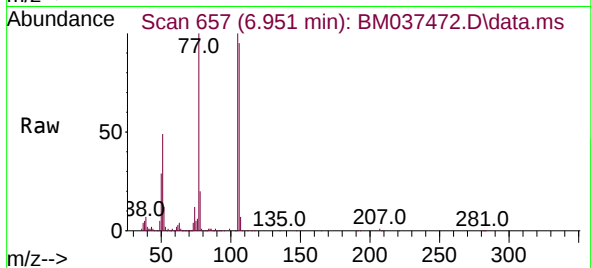
Tgt Ion:128 Resp: 746354
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 44.5 26.4 66.4





#9
Benzaldehyde
Concen: 30.165 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

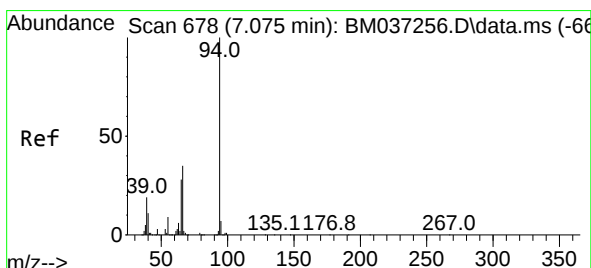
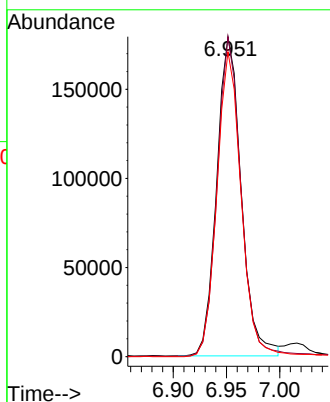
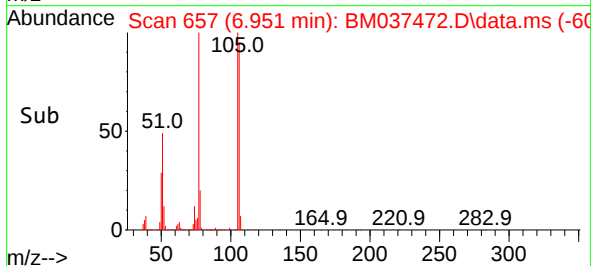
Instrument :
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Tgt Ion: 77 Resp: 287000
Ion Ratio Lower Upper
77 100
105 100.2 78.6 118.6
106 95.4 75.8 115.8

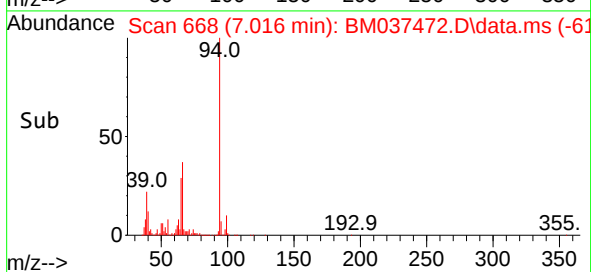
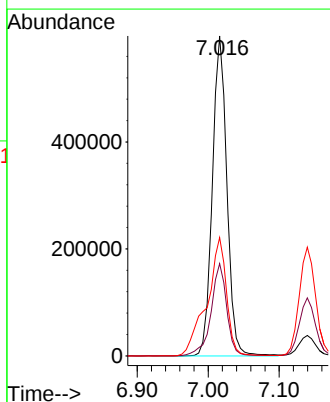
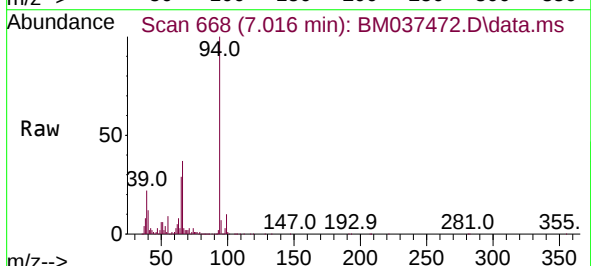
Manual Integrations
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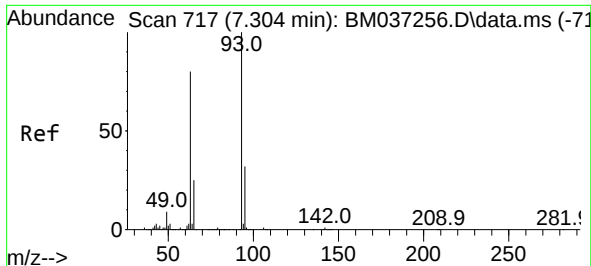
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#10
Phenol
Concen: 40.536 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

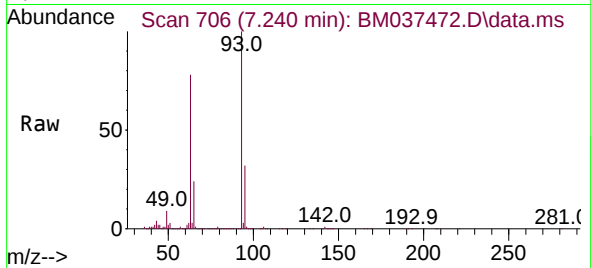
Tgt Ion: 94 Resp: 853746
Ion Ratio Lower Upper
94 100
65 28.8 8.1 48.1
66 37.0 15.5 55.5





#11
bis(2-Chloroethyl)ether
Concen: 41.188 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

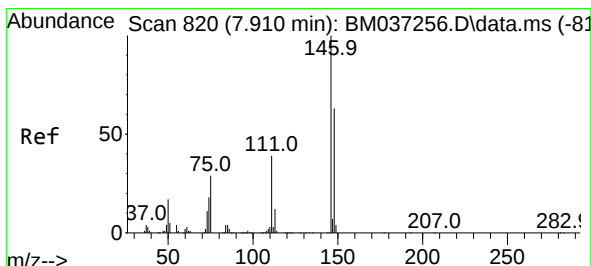
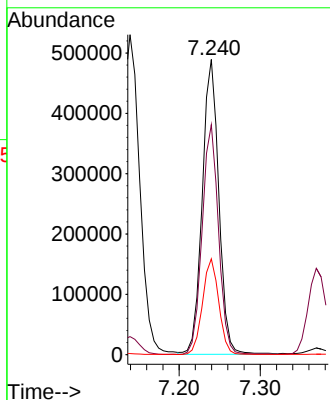
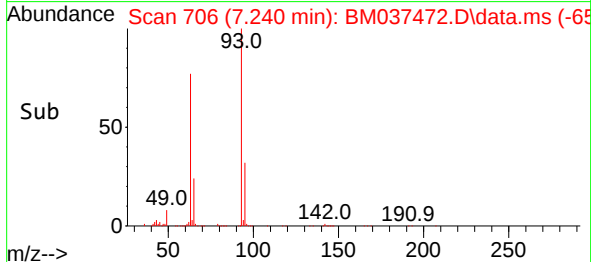
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



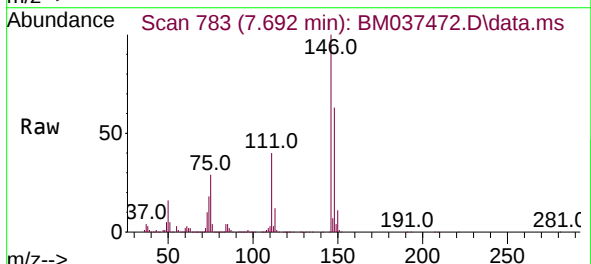
Tgt Ion: 93 Resp: 695520
Ion Ratio Lower Upper
93 100
63 77.9 59.3 99.3
95 32.5 12.0 52.0

Manual Integrations
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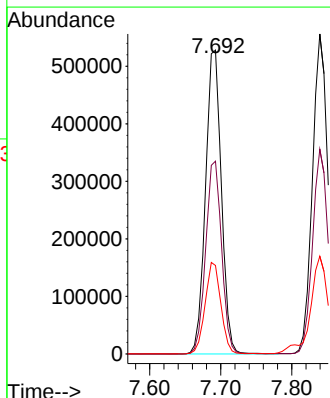
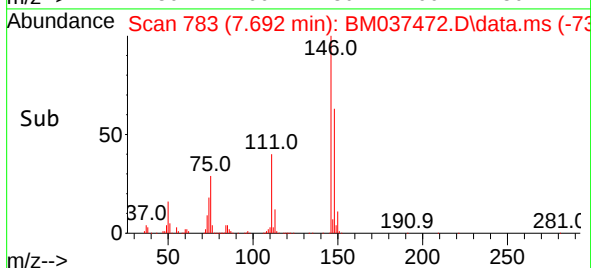
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

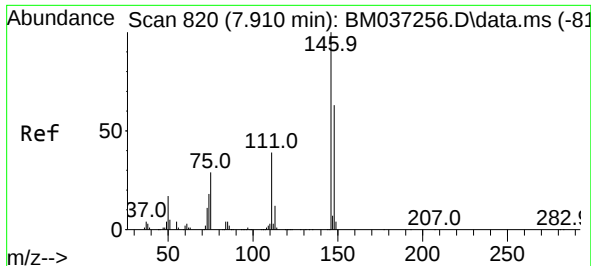


#12
1,3-Dichlorobenzene
Concen: 44.325 ng
RT: 7.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15



Tgt Ion:146 Resp: 816435
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
75 29.1 24.5 36.7





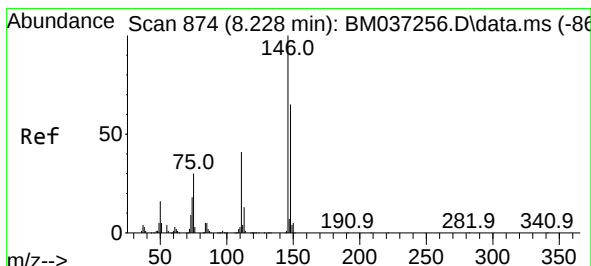
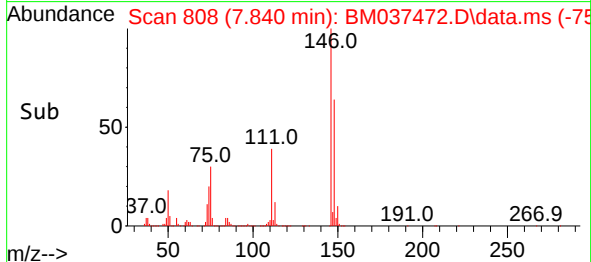
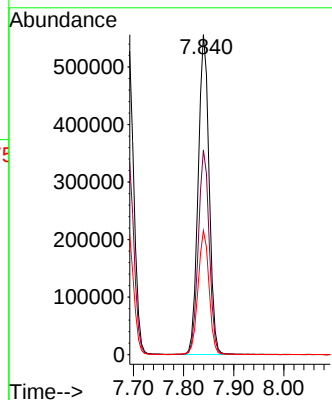
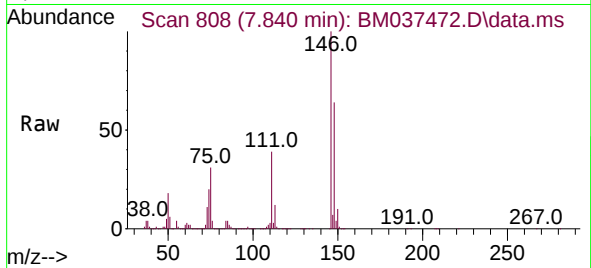
#13
1,4-Dichlorobenzene
Concen: 44.294 ng
RT: 7.840 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

Instrument :
BNA_M
ClientSampleId :
PB148855BSD

Tgt Ion:146 Resp: 84157
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
111 38.8 31.1 46.7

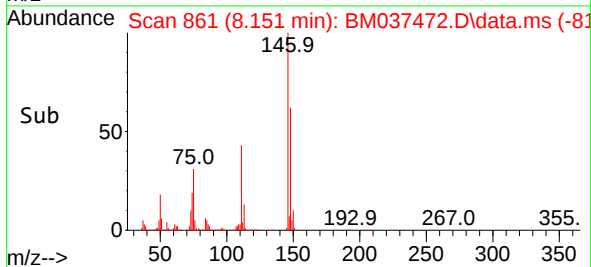
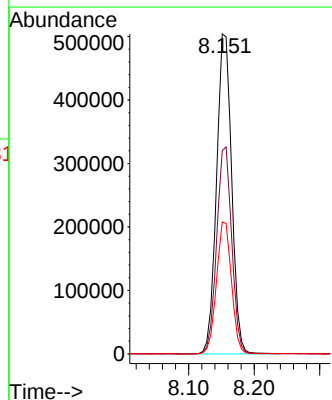
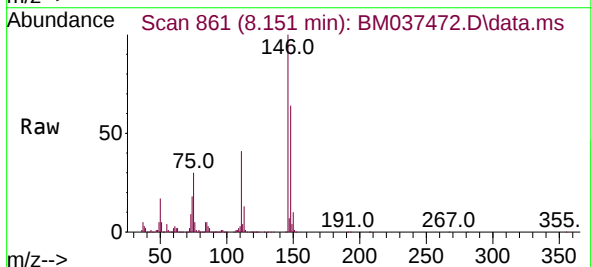
Manual Integrations
APPROVED

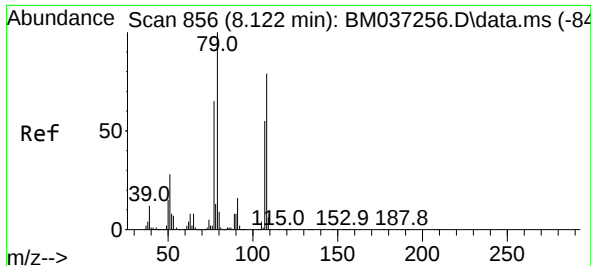
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#14
1,2-Dichlorobenzene
Concen: 44.364 ng
RT: 8.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

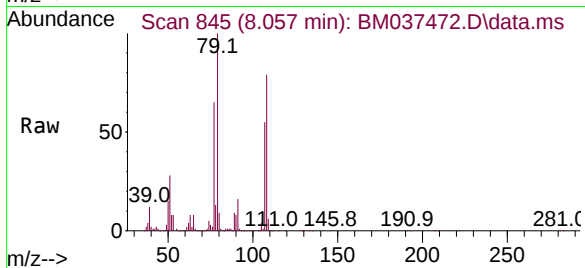
Tgt Ion:146 Resp: 809537
Ion Ratio Lower Upper
146 100
148 63.5 52.4 78.6
111 41.2 33.0 49.6





#15
Benzyl Alcohol
Concen: 43.174 ng
RT: 8.057 min Scan# 84
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

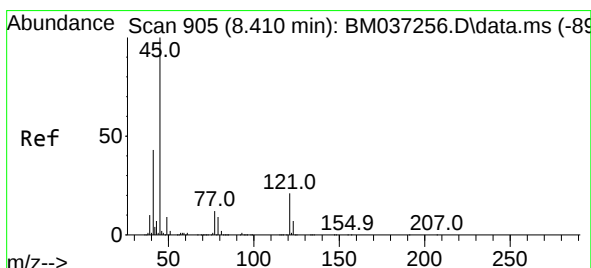
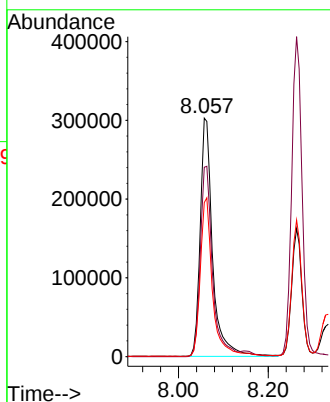
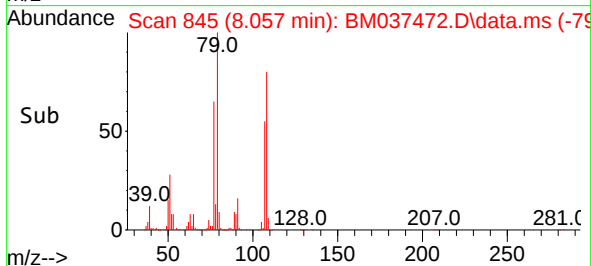
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion: 79 Resp: 580191
Ion Ratio Lower Upper
79 100
108 79.4 63.1 94.7
77 64.6 51.7 77.5

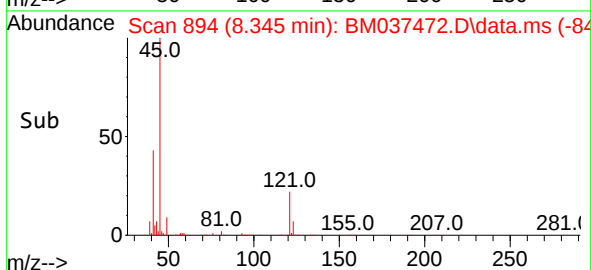
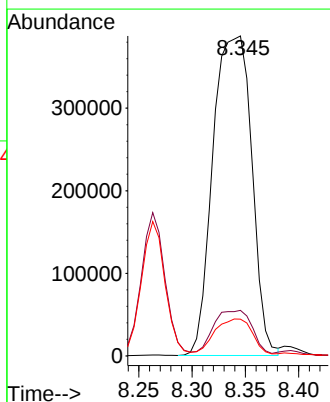
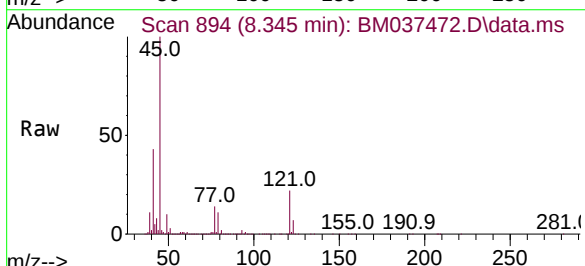
Manual Integrations
APPROVED

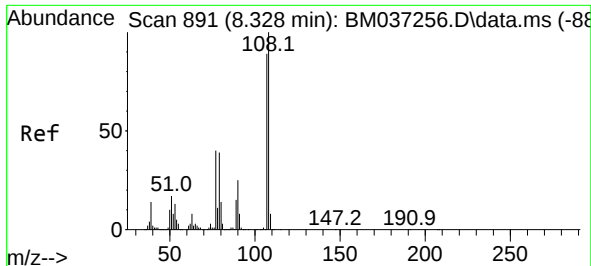
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.695 ng
RT: 8.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

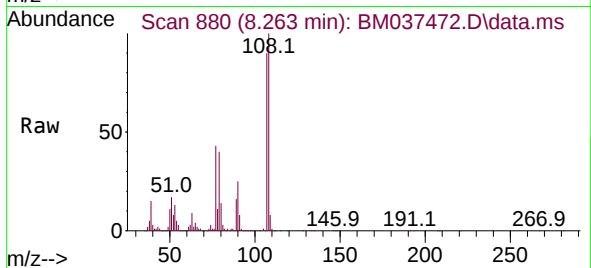
Tgt Ion: 45 Resp: 979678
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.0
79 11.5 0.0 30.6





#17
2-Methylphenol
Concen: 42.259 ng
RT: 8.263 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

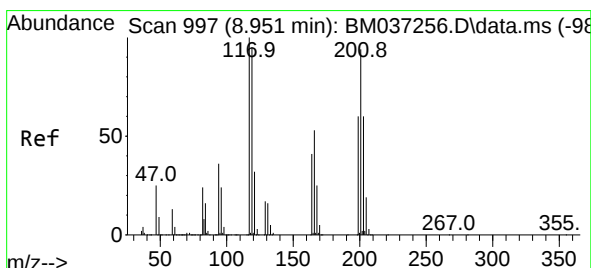
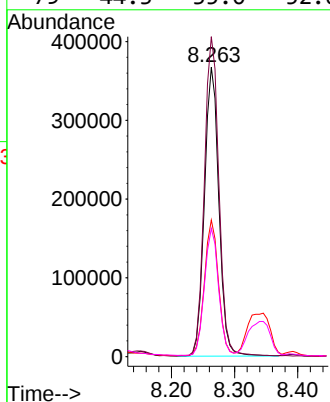
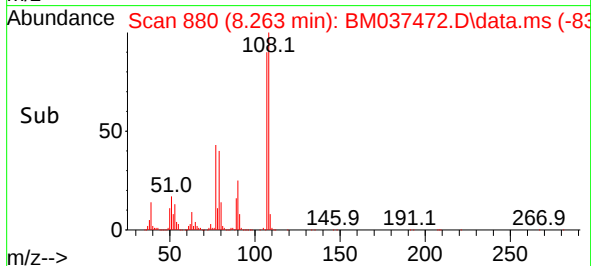
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:107 Resp: 581653
Ion Ratio Lower Upper
107 100
108 110.6 89.5 134.3
77 47.2 36.2 54.2
79 44.3 35.0 52.6

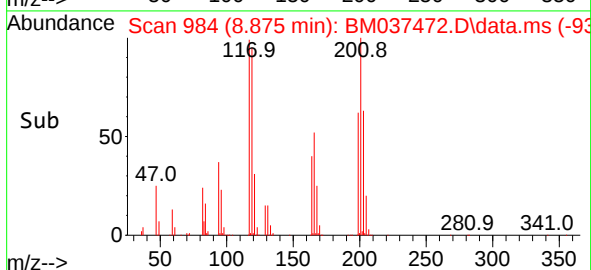
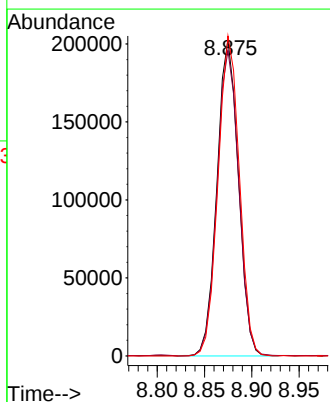
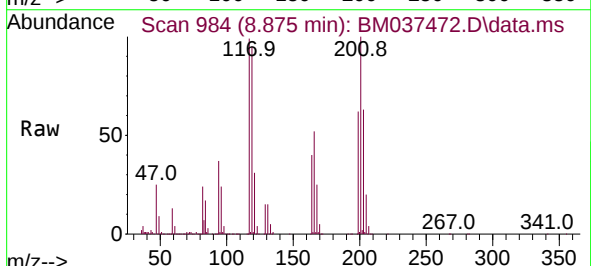
Manual Integrations
APPROVED

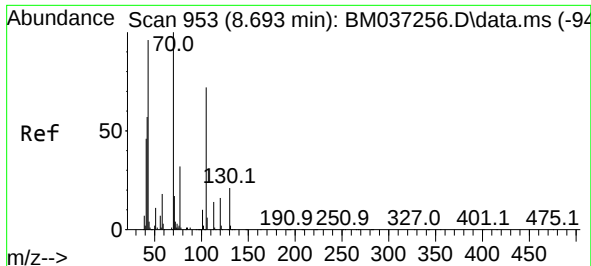
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#18
Hexachloroethane
Concen: 47.595 ng
RT: 8.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

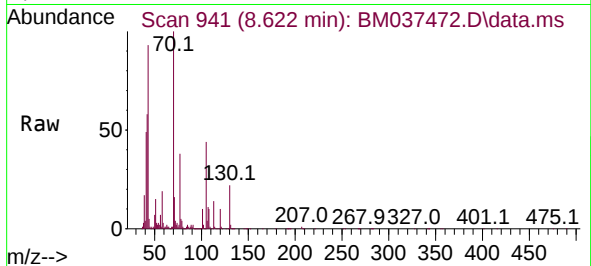
Tgt Ion:117 Resp: 318911
Ion Ratio Lower Upper
117 100
119 96.7 75.9 113.9
201 101.2 75.0 112.4





#19
n-Nitroso-di-n-propylamine
Concen: 40.247 ng
RT: 8.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

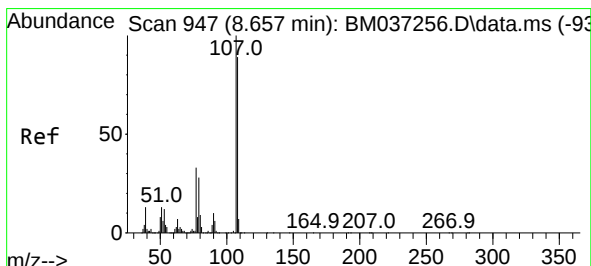
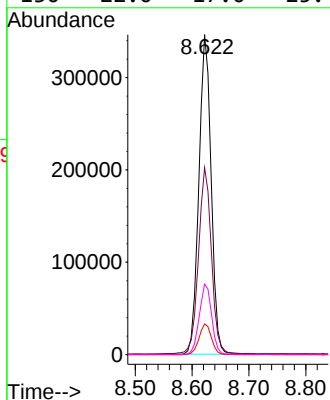
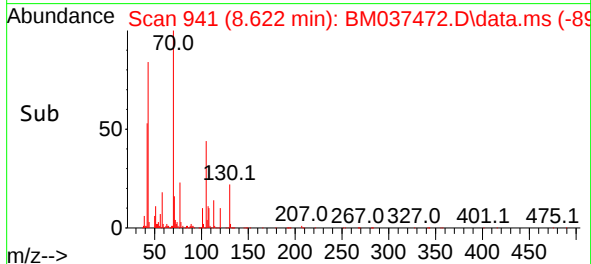
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



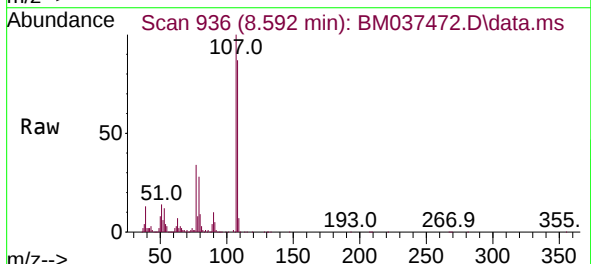
Tgt Ion: 70 Resp: 51854
Ion Ratio Lower Upper
70 100
42 58.4 46.4 69.6
101 9.6 7.8 11.8
130 22.0 17.0 25.4

Manual Integrations
APPROVED

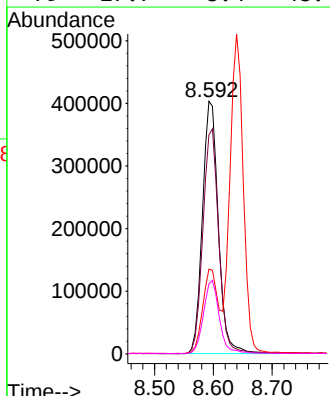
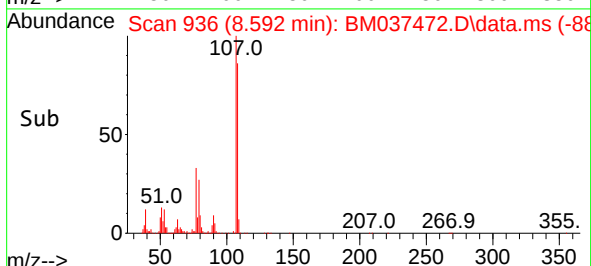
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

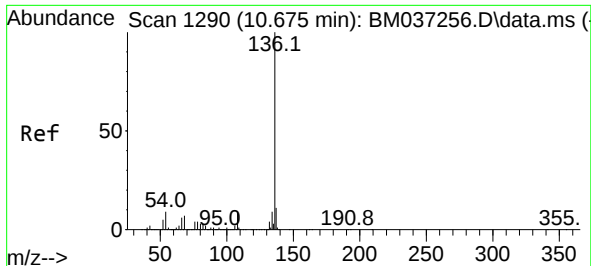


#20
3+4-Methylphenols
Concen: 40.149 ng
RT: 8.592 min Scan# 936
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15



Tgt Ion:107 Resp: 759068
Ion Ratio Lower Upper
107 100
108 86.7 69.4 109.4
77 33.6 12.8 52.8
79 27.7 8.4 48.4





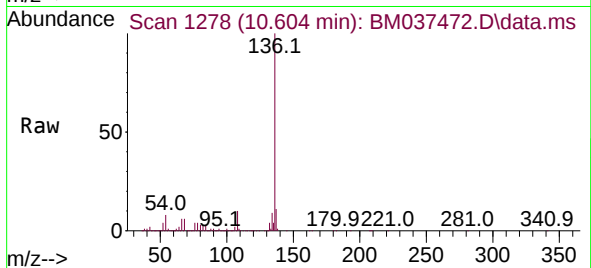
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

Instrument :

BNA_M

ClientSampleId :

PB148855BSD

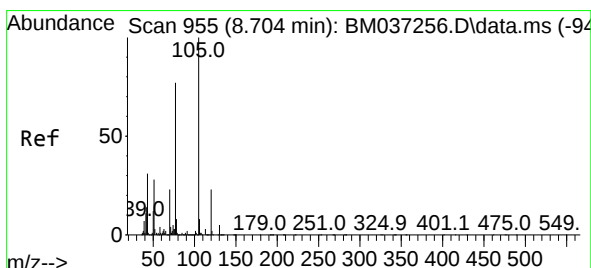
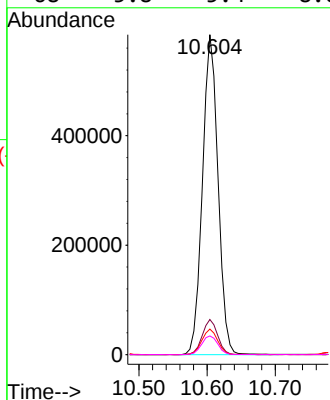
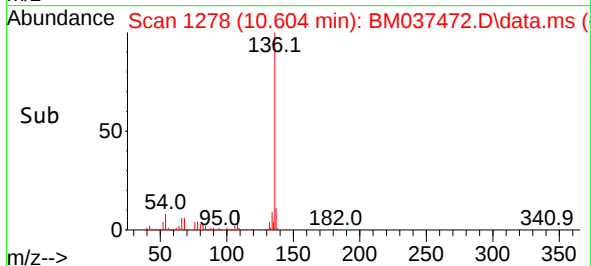


Tgt Ion:136 Resp: 927047
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.0 7.0 10.4
68 5.8 5.4 8.0

Manual Integrations

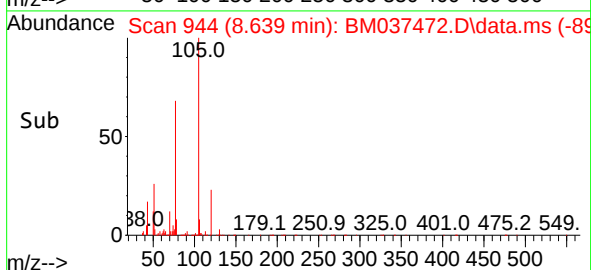
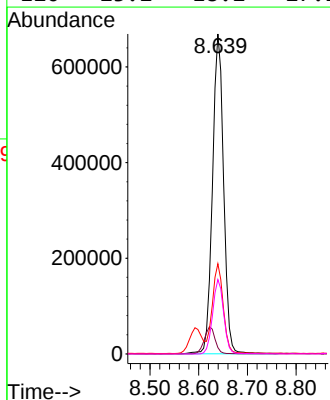
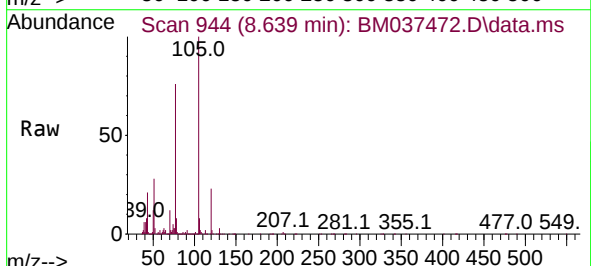
APPROVED

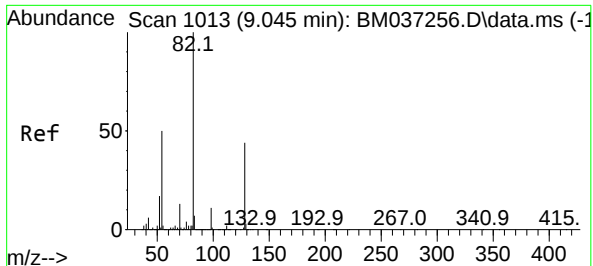
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#22
Acetophenone
Concen: 44.144 ng
RT: 8.639 min Scan# 944
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

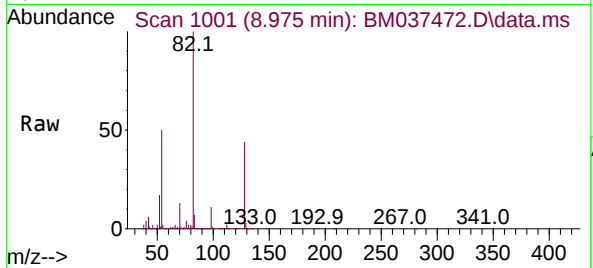
Tgt Ion:105 Resp: 1063684
Ion Ratio Lower Upper
105 100
71 2.0 3.0 4.4#
51 28.2 22.1 33.1
120 23.2 18.2 27.2





#23
Nitrobenzene-d5
Concen: 82.459 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

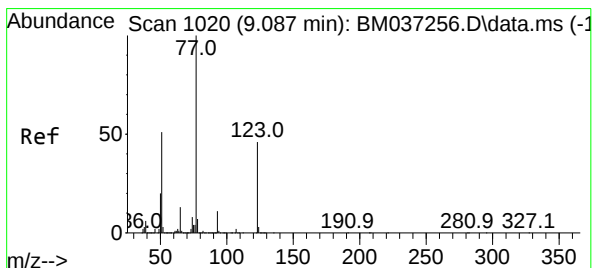
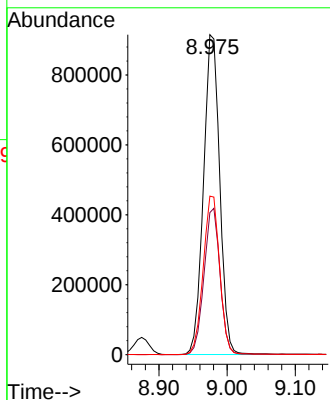
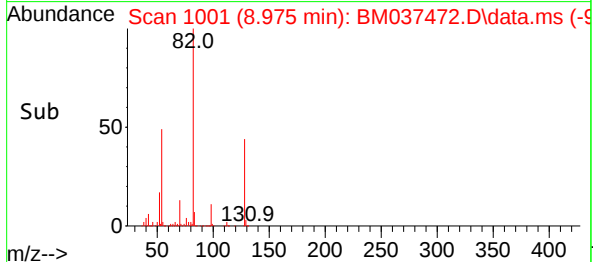
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion: 82 Resp: 1515148
Ion Ratio Lower Upper
82 100
128 44.4 35.2 52.8
54 49.5 40.4 60.6

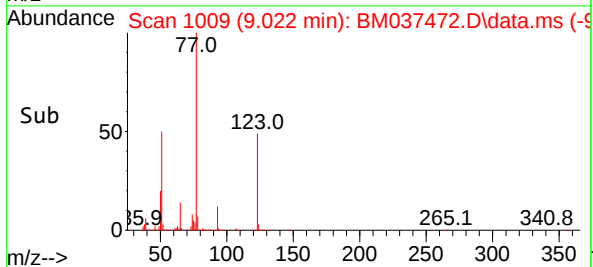
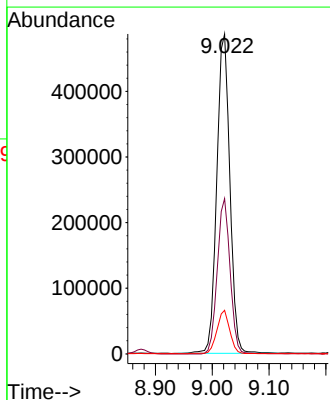
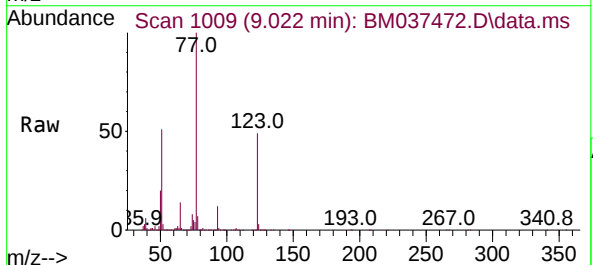
Manual Integrations
APPROVED

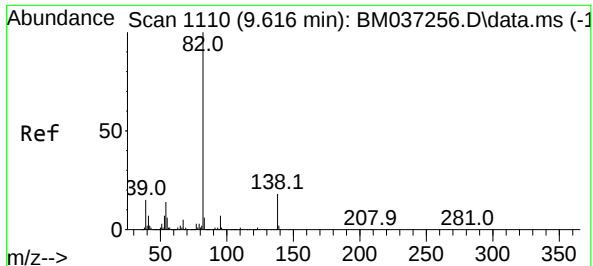
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#24
Nitrobenzene
Concen: 41.552 ng
RT: 9.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

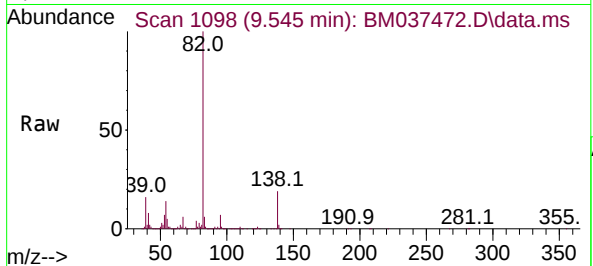
Tgt Ion: 77 Resp: 774055
Ion Ratio Lower Upper
77 100
123 48.5 36.6 55.0
65 13.6 10.6 16.0





#25
Isophorone
Concen: 43.731 ng
RT: 9.545 min Scan# 1098
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

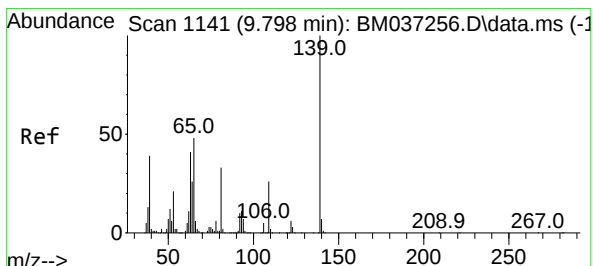
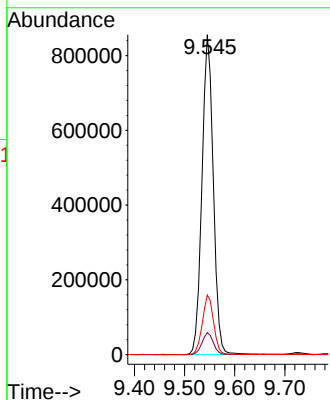
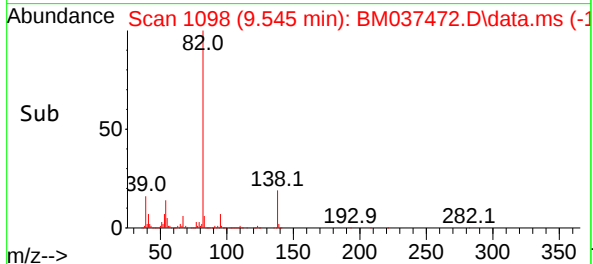
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion: 82 Resp: 1342943
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 18.6 14.2 21.4

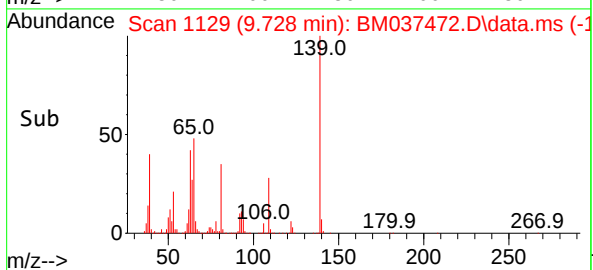
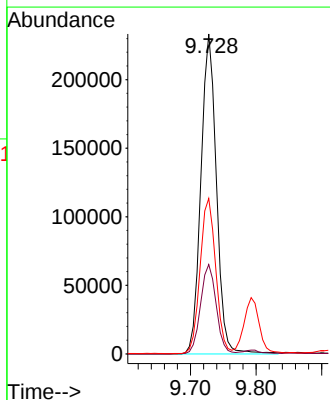
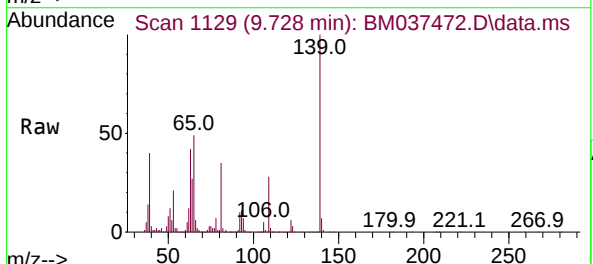
Manual Integrations
APPROVED

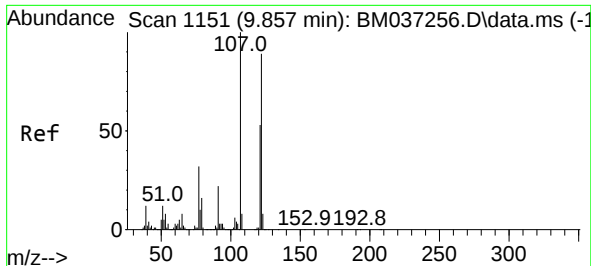
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#26
2-Nitrophenol
Concen: 45.796 ng
RT: 9.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

Tgt Ion:139 Resp: 381922
Ion Ratio Lower Upper
139 100
109 27.9 21.1 31.7
65 48.6 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 48.836 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM037472.D

Acq: 11 Nov 2022 18:15

Instrument :

BNA_M

ClientSampleId :

PB148855BSD

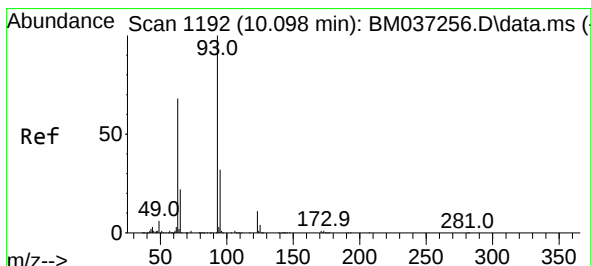
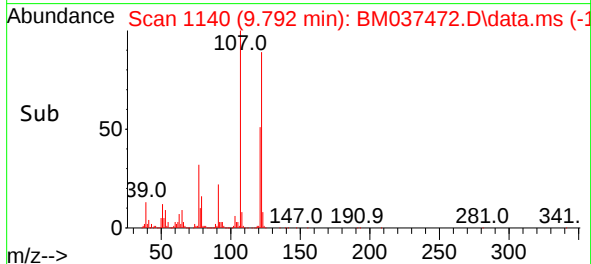
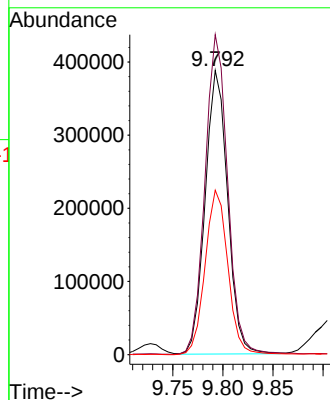
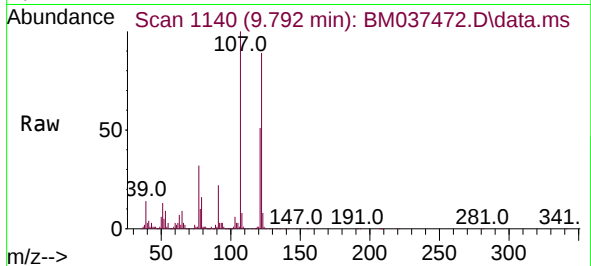
Tgt Ion:122 Resp: 604435
 Ion Ratio Lower Upper
 122 100
 107 112.7 89.7 134.5
 121 57.9 47.1 70.7

Manual Integrations

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Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.005 ng

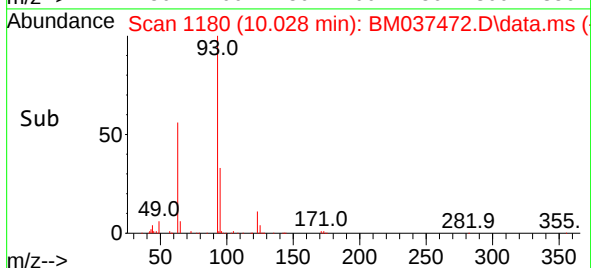
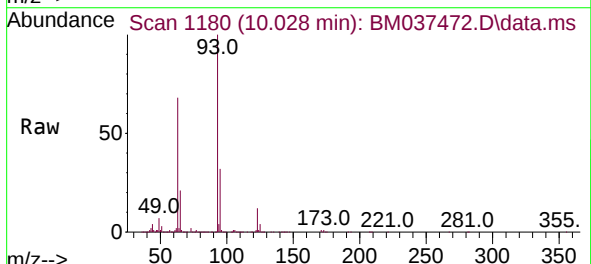
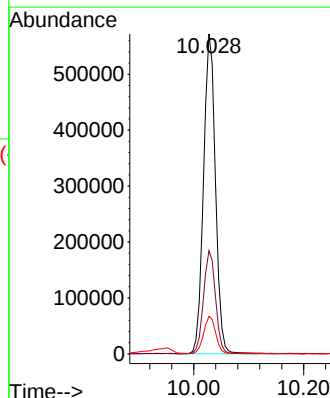
RT: 10.028 min Scan# 1180

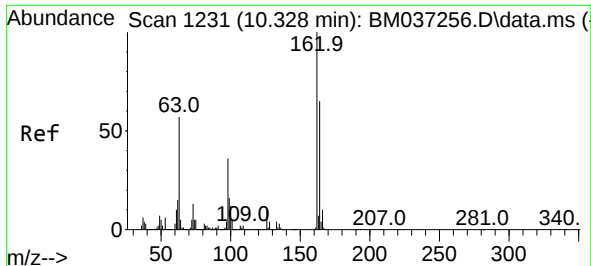
Delta R.T. -0.006 min

Lab File: BM037472.D

Acq: 11 Nov 2022 18:15

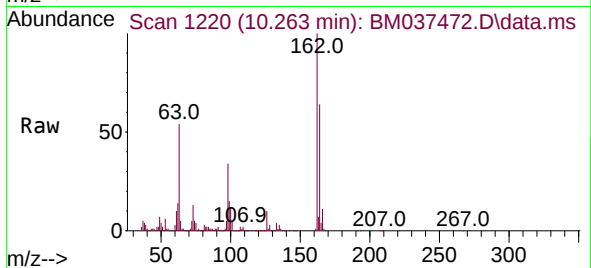
Tgt Ion: 93 Resp: 859905
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.8 38.8
 123 11.7 9.3 13.9





#29
2,4-Dichlorophenol
Concen: 44.674 ng
RT: 10.263 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

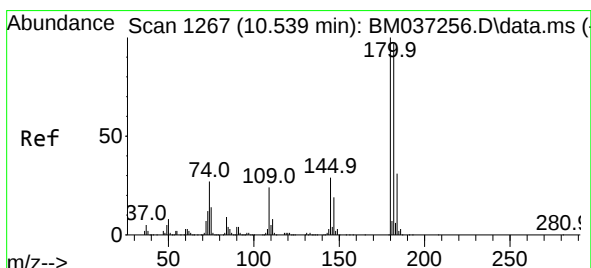
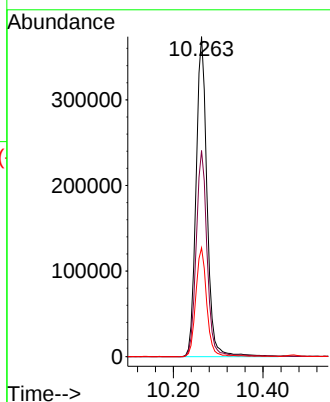
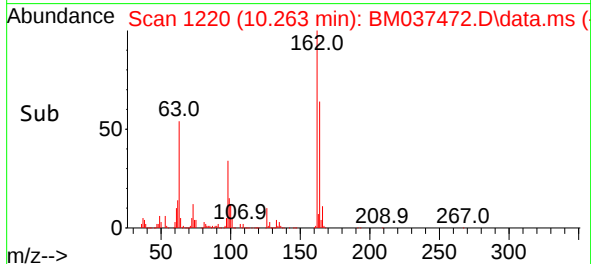
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



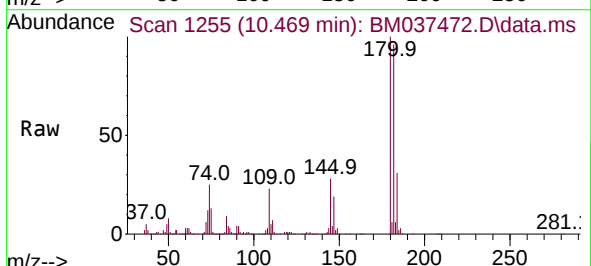
Tgt Ion:162 Resp: 634705
Ion Ratio Lower Upper
162 100
164 64.4 45.0 85.0
98 34.0 16.2 56.2

Manual Integrations
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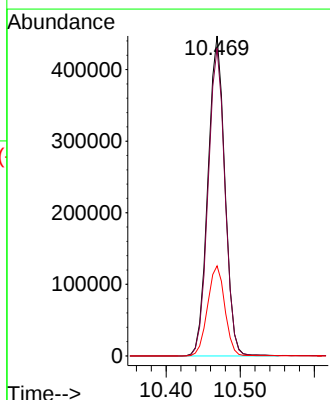
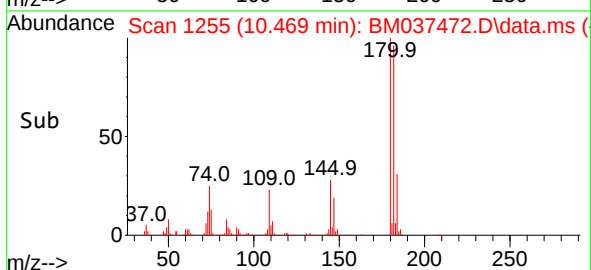
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

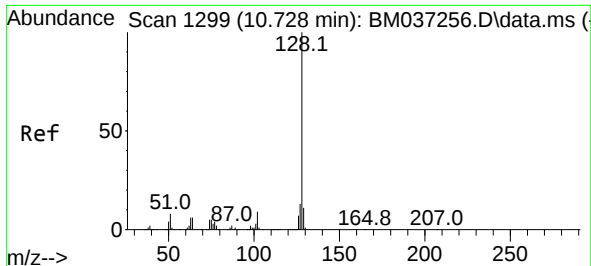


#30
1,2,4-Trichlorobenzene
Concen: 43.912 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15



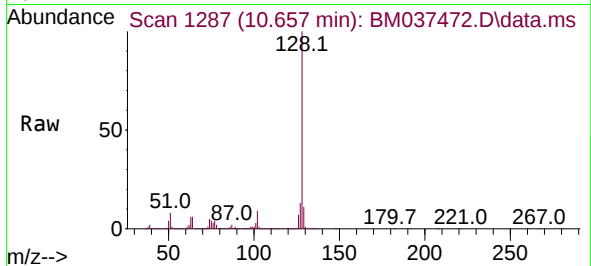
Tgt Ion:180 Resp: 707478
Ion Ratio Lower Upper
180 100
182 96.1 77.5 116.3
145 28.1 23.5 35.3





#31
Naphthalene
Concen: 41.341 ng
RT: 10.657 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

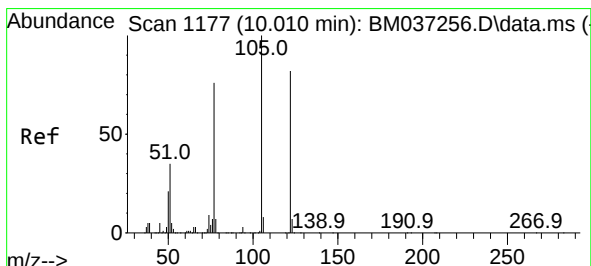
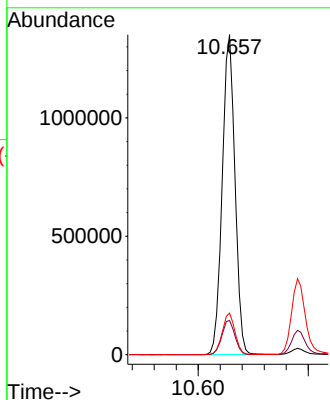
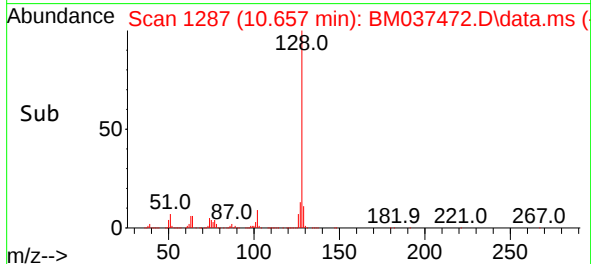
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:128 Resp: 2171338
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.0 10.2 15.2

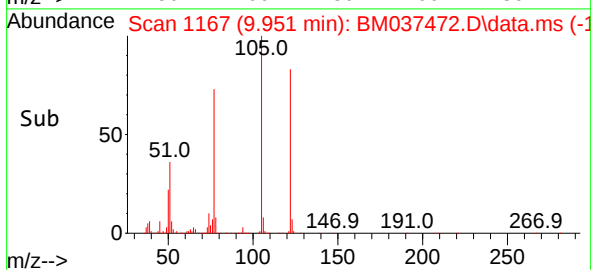
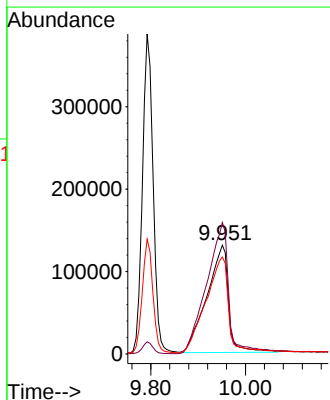
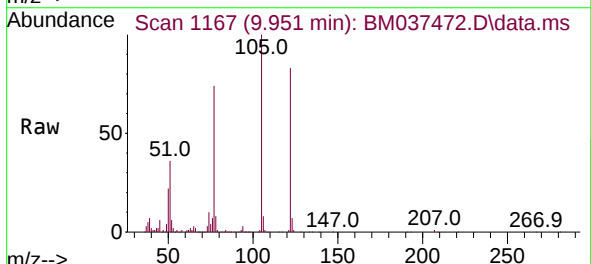
Manual Integrations
APPROVED

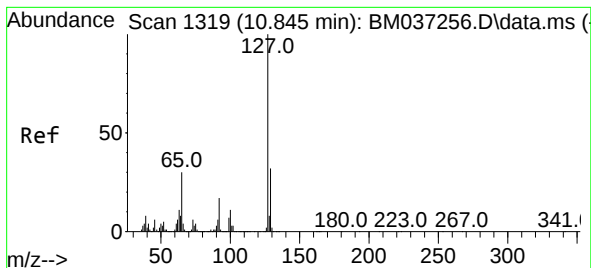
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#32
Benzoic acid
Concen: 38.529 ng
RT: 9.951 min Scan# 1167
Delta R.T. -0.029 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

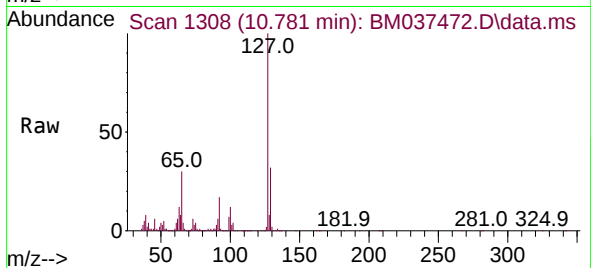
Tgt Ion:122 Resp: 415847
Ion Ratio Lower Upper
122 100
105 120.9 100.1 140.1
77 89.1 71.7 111.7





#33
4-Chloroaniline
Concen: 27.546 ng
RT: 10.781 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

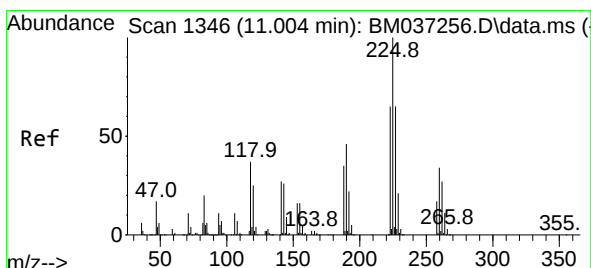
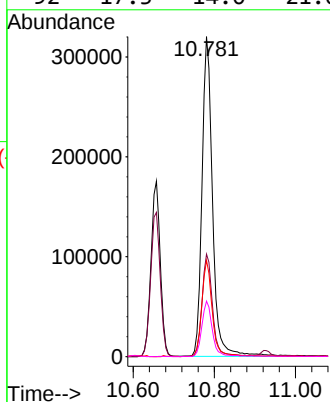
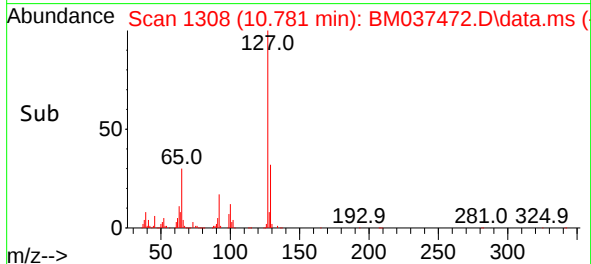
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:127 Resp: 576296
Ion Ratio Lower Upper
127 100
129 32.0 25.5 38.3
65 30.1 24.0 36.0
92 17.3 14.0 21.0

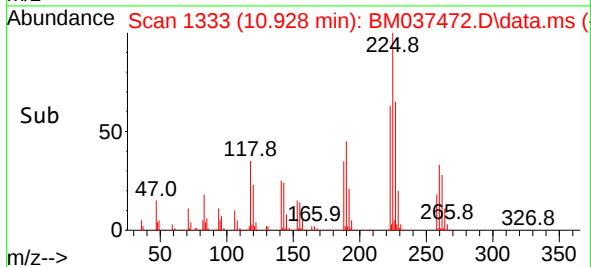
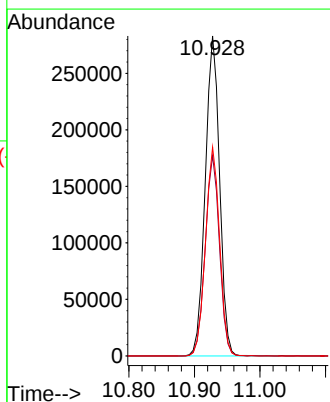
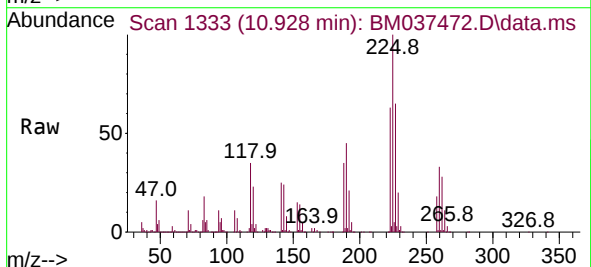
Manual Integrations
APPROVED

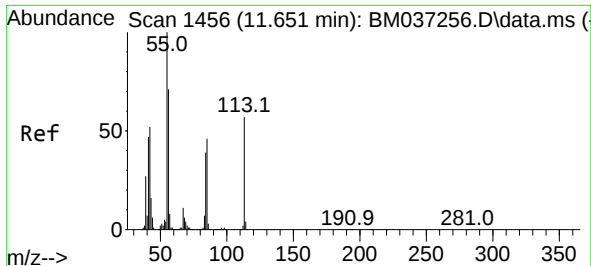
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#34
Hexachlorobutadiene
Concen: 47.516 ng
RT: 10.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

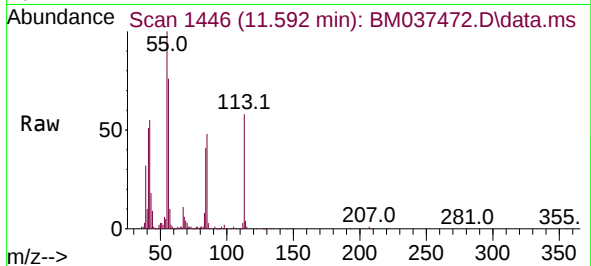
Tgt Ion:225 Resp: 427478
Ion Ratio Lower Upper
225 100
223 62.6 51.9 77.9
227 65.3 52.2 78.4





#35
Caprolactam
Concen: 41.099 ng
RT: 11.592 min Scan# 1456
Delta R.T. -0.023 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

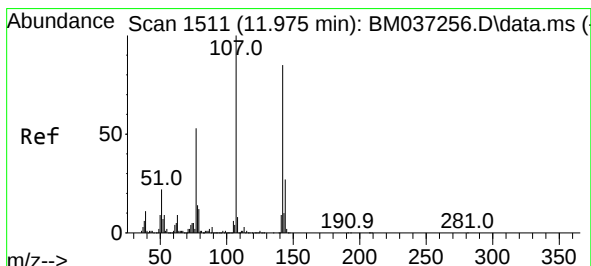
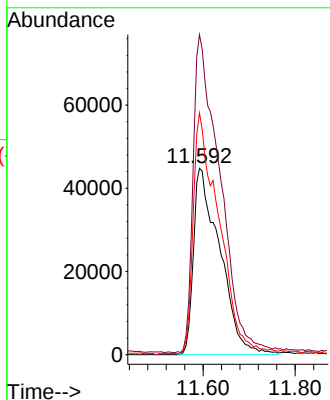
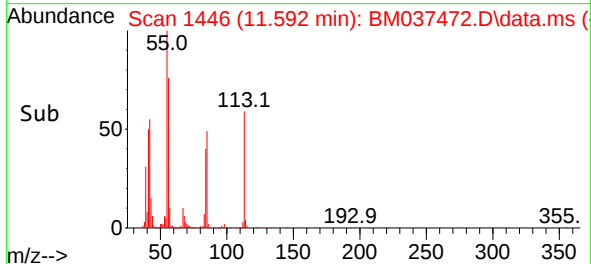
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:113 Resp: 177516
Ion Ratio Lower Upper
113 100
55 171.7 156.9 196.9
56 129.7 106.4 146.4

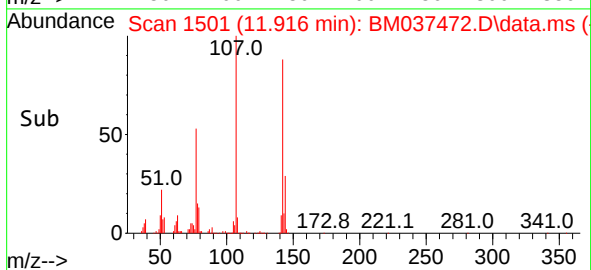
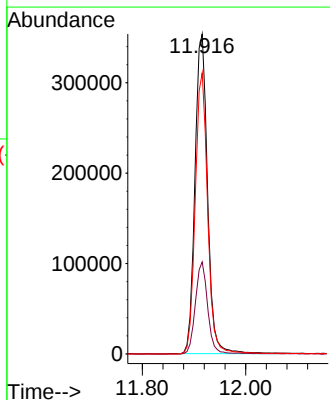
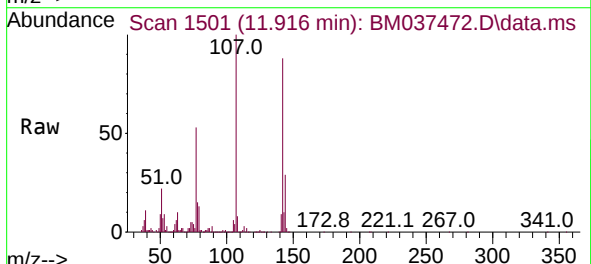
Manual Integrations
APPROVED

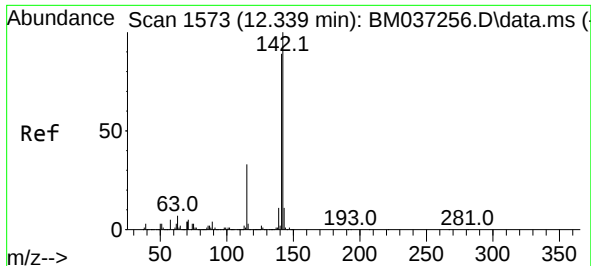
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#36
4-Chloro-3-methylphenol
Concen: 40.787 ng
RT: 11.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

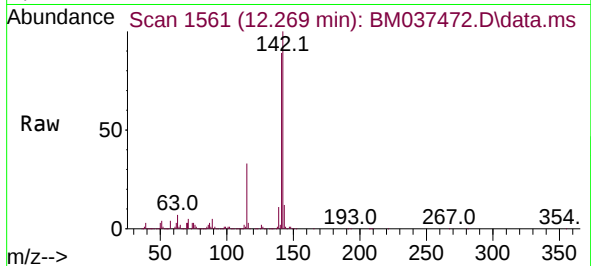
Tgt Ion:107 Resp: 597166
Ion Ratio Lower Upper
107 100
144 28.8 21.8 32.6
142 87.8 68.1 102.1





#37
2-Methylnaphthalene
Concen: 40.462 ng
RT: 12.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

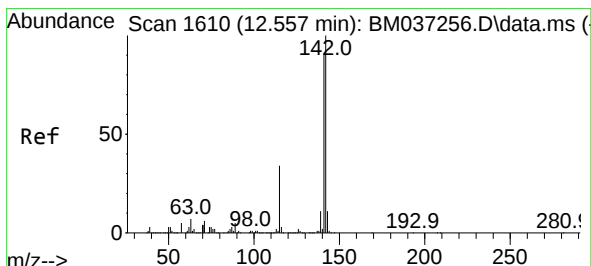
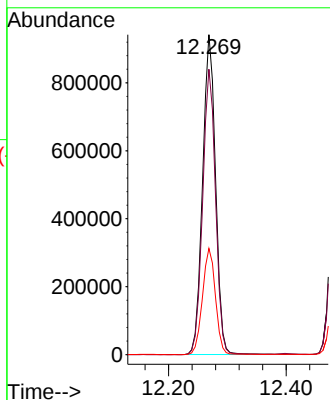
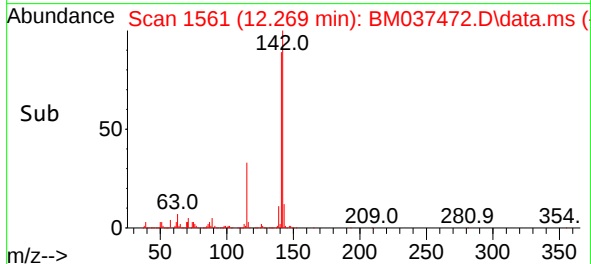
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



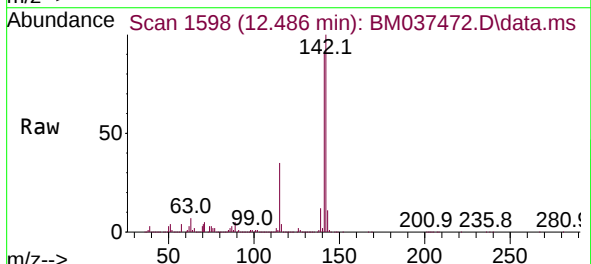
Tgt Ion:142 Resp: 143985
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9
115 33.2 26.0 39.0

Manual Integrations
APPROVED

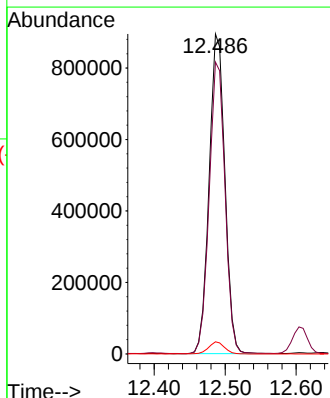
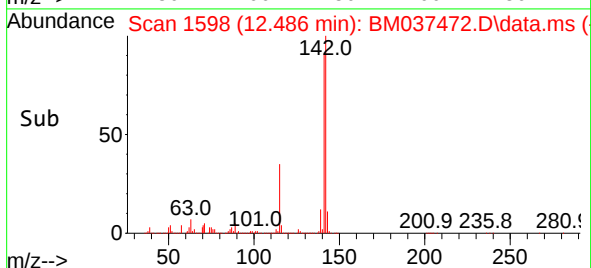
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

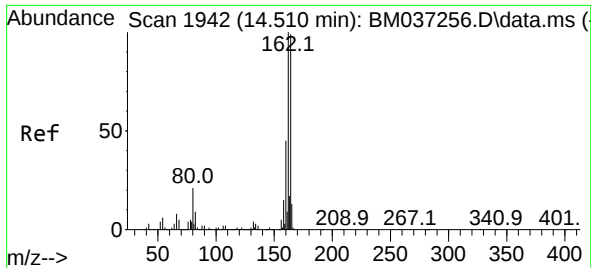


#38
1-Methylnaphthalene
Concen: 39.663 ng
RT: 12.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15



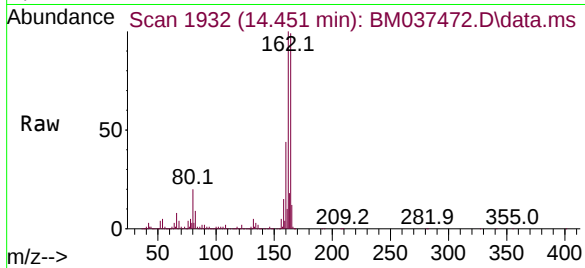
Tgt Ion:142 Resp: 1379124
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.6
116 3.8 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

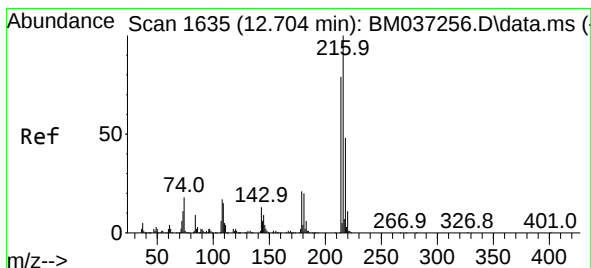
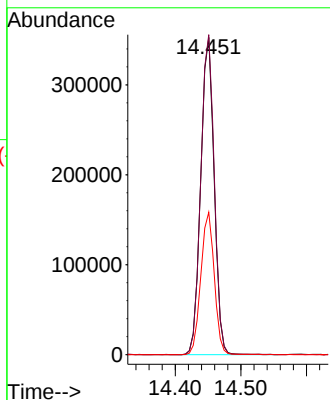
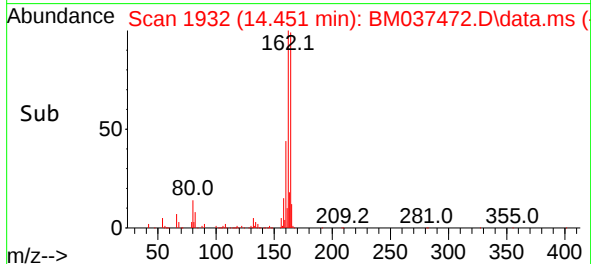
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



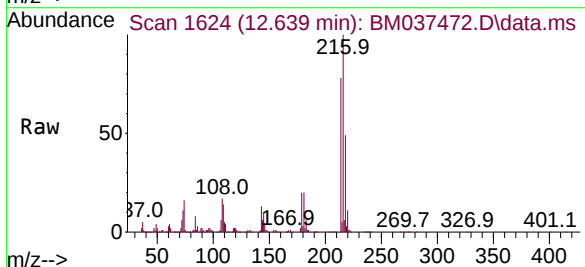
Tgt Ion:164 Resp: 497408
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 44.9 36.2 54.4

Manual Integrations
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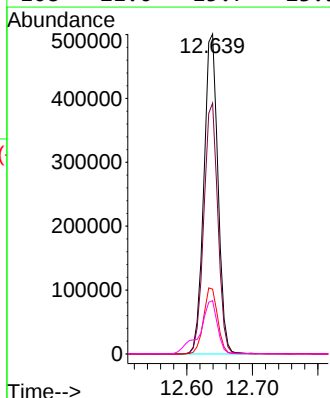
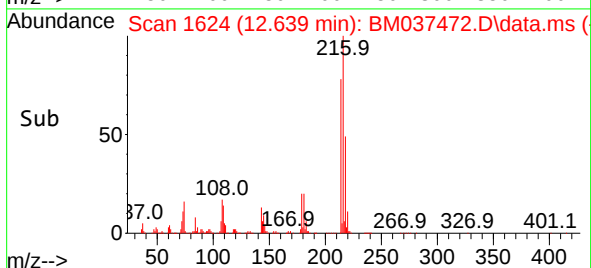
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

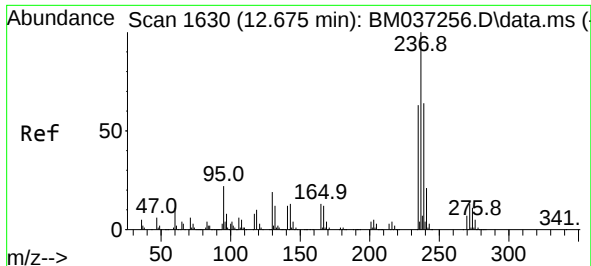


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.686 ng
RT: 12.639 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15



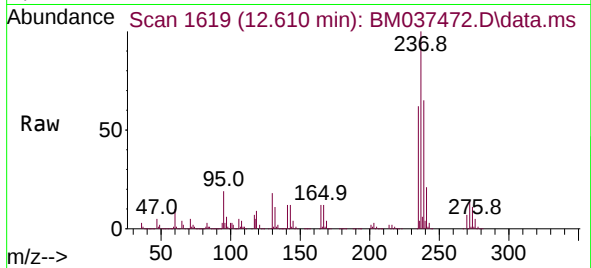
Tgt Ion:216 Resp: 743082
Ion Ratio Lower Upper
216 100
214 78.1 63.1 94.7
179 20.6 16.8 25.2
108 21.0 15.7 23.5





#41
Hexachlorocyclopentadiene
Concen: 128.561 ng
RT: 12.610 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

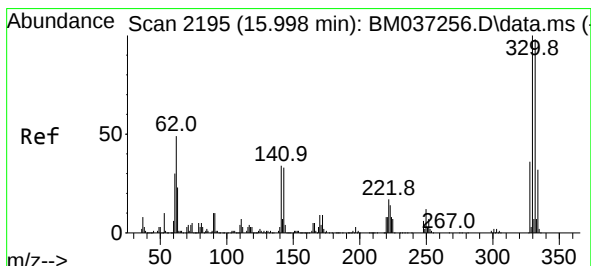
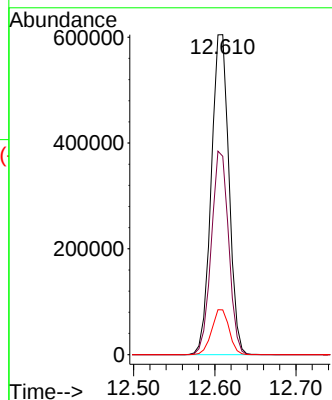
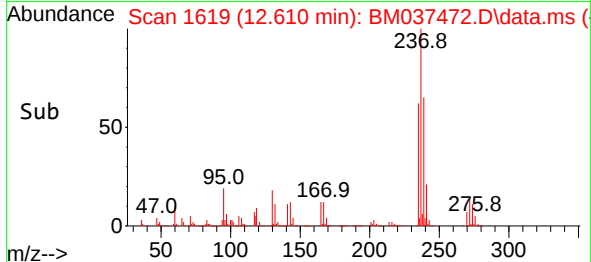
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



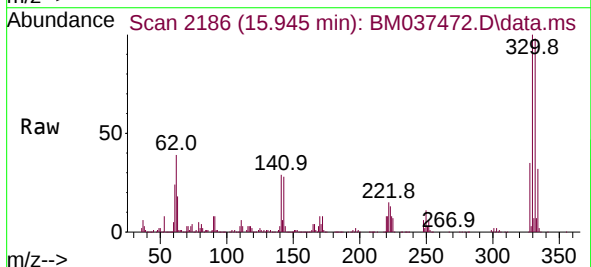
Tgt Ion: 237 Resp: 916062
Ion Ratio Lower Upper
237 100
235 62.0 42.9 82.9
272 14.0 0.0 33.1

Manual Integrations
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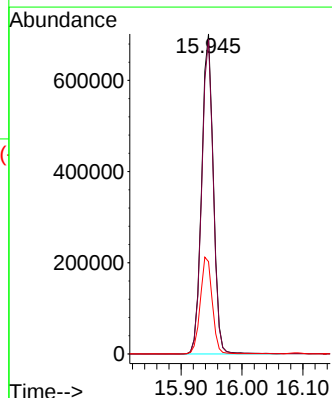
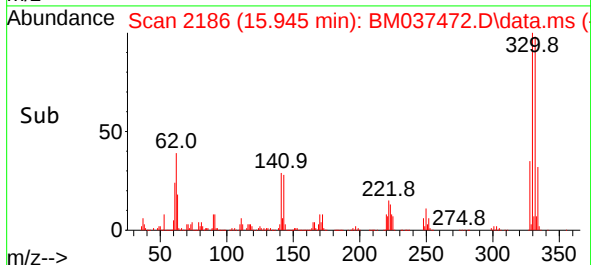
Reviewed By : Christian Giraldo 11/12/2022
Supervised By : Jagrut Upadhyay 11/12/2022

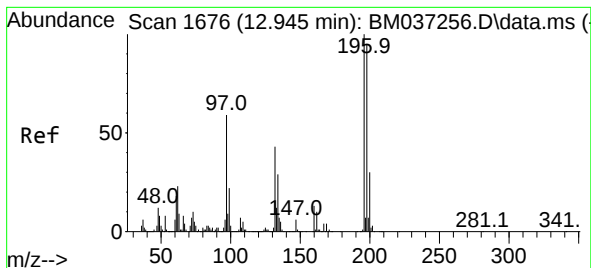


#42
2,4,6-Tribromophenol
Concen: 158.629 ng
RT: 15.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15



Tgt Ion: 330 Resp: 929849
Ion Ratio Lower Upper
330 100
332 97.6 78.0 117.0
141 31.1 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 45.732 ng

RT: 12.886 min Scan# 1666

Delta R.T. -0.006 min

Lab File: BM037472.D

Acq: 11 Nov 2022 18:15

Instrument :

BNA_M

ClientSampleId :

PB148855BSD

Tgt Ion:196 Resp: 470829

Ion Ratio Lower Upper

196 100

198 97.3 76.1 114.1

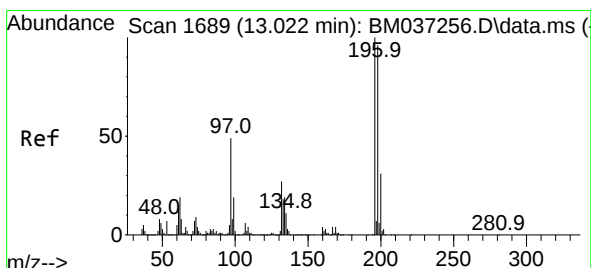
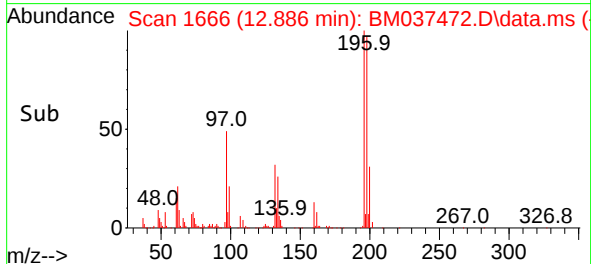
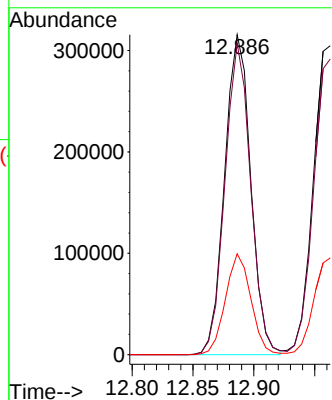
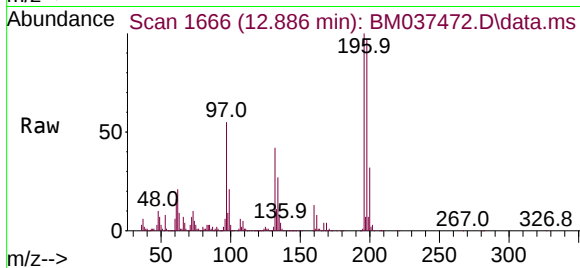
200 31.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#44

2,4,5-Trichlorophenol

Concen: 45.848 ng

RT: 12.963 min Scan# 1679

Delta R.T. -0.006 min

Lab File: BM037472.D

Acq: 11 Nov 2022 18:15

Tgt Ion:196 Resp: 520698

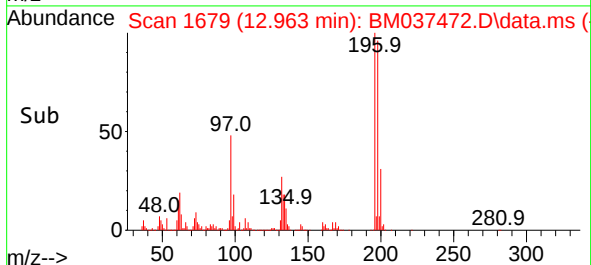
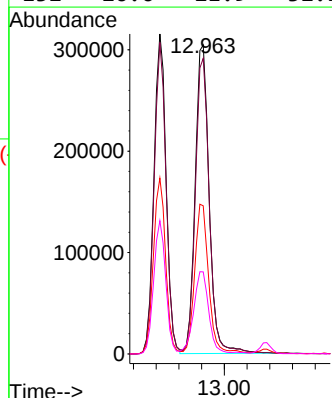
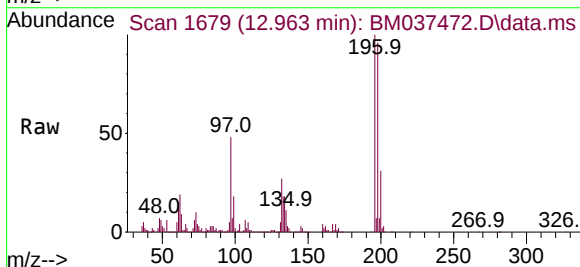
Ion Ratio Lower Upper

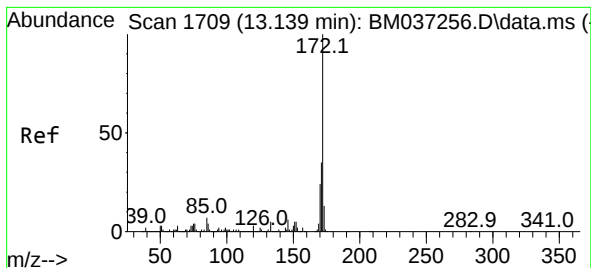
196 100

198 95.7 77.0 115.6

97 47.9 39.4 59.2

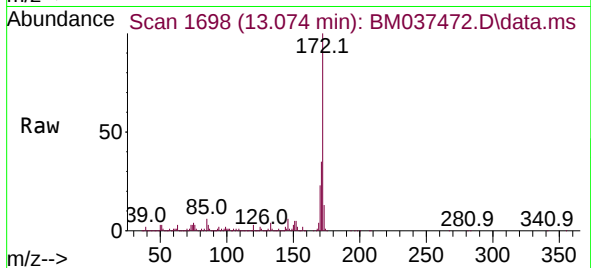
132 26.6 21.9 32.9





#45
2-Fluorobiphenyl
Concen: 87.788 ng
RT: 13.074 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

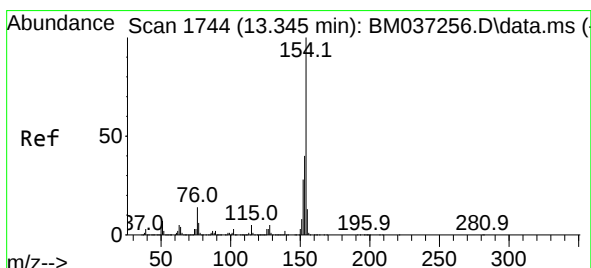
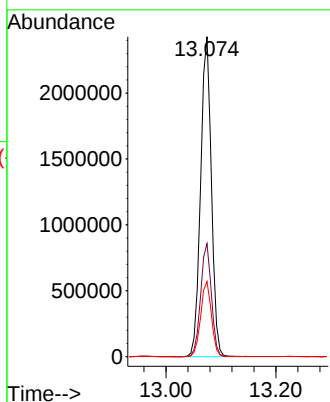
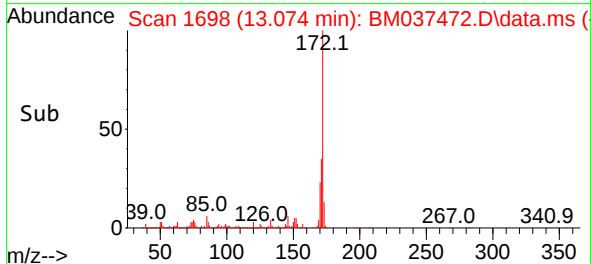
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



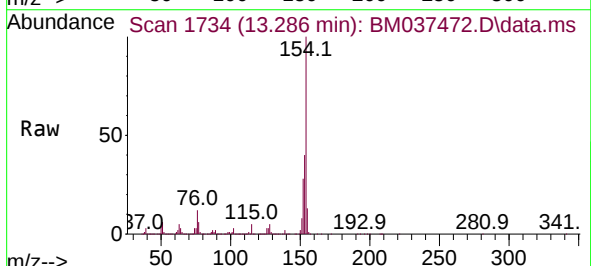
Tgt Ion:172 Resp: 3286413
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.5 19.0 28.4

Manual Integrations
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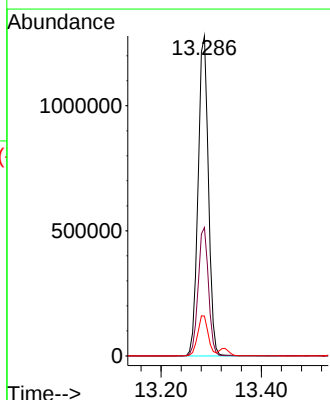
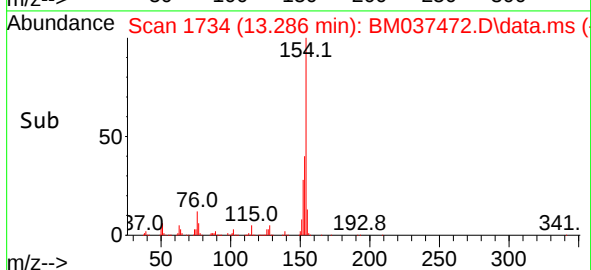
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

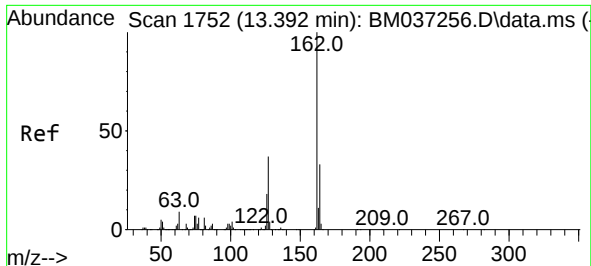


#46
1,1'-Biphenyl
Concen: 45.467 ng
RT: 13.286 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15



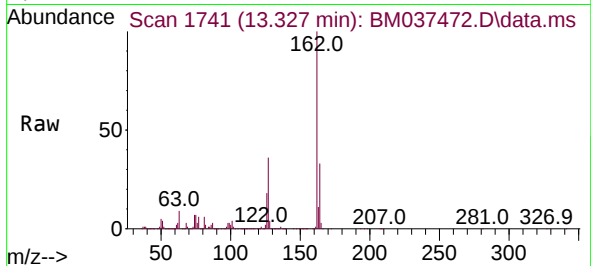
Tgt Ion:154 Resp: 1825044
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 12.4 0.0 33.7





#47
2-Chloronaphthalene
Concen: 44.018 ng
RT: 13.327 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

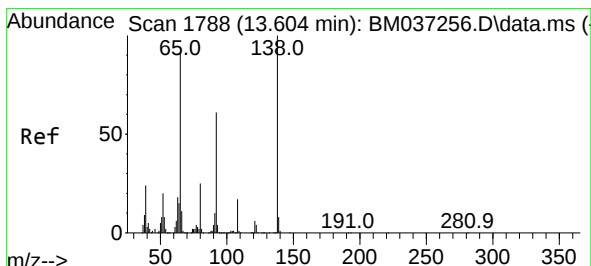
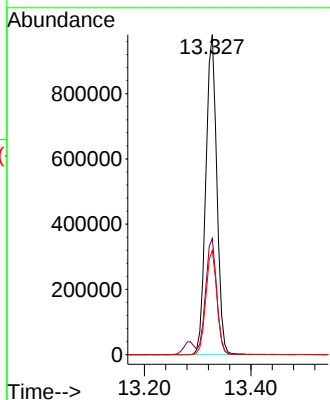
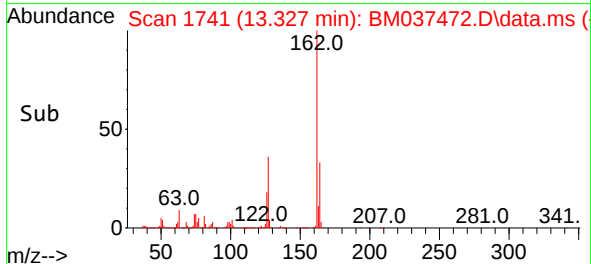
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:162 Resp: 1406056
Ion Ratio Lower Upper
162 100
127 36.3 29.5 44.3
164 32.6 26.3 39.5

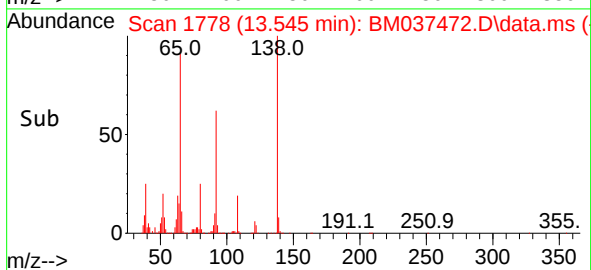
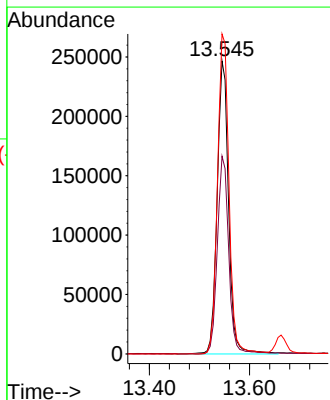
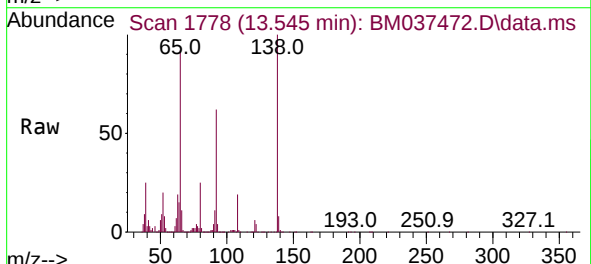
Manual Integrations
APPROVED

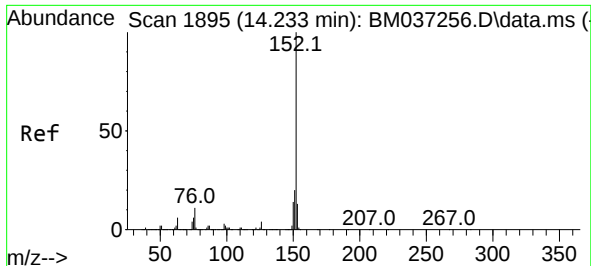
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#48
2-Nitroaniline
Concen: 42.144 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

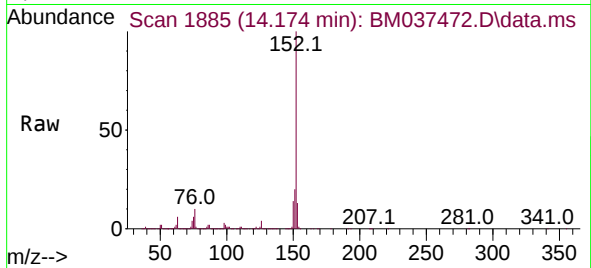
Tgt Ion: 65 Resp: 389020
Ion Ratio Lower Upper
65 100
92 67.5 53.7 80.5
138 109.2 87.4 131.2





#49
Acenaphthylene
Concen: 43.043 ng
RT: 14.174 min Scan# 1885
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

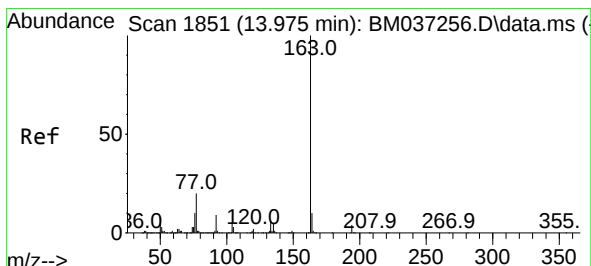
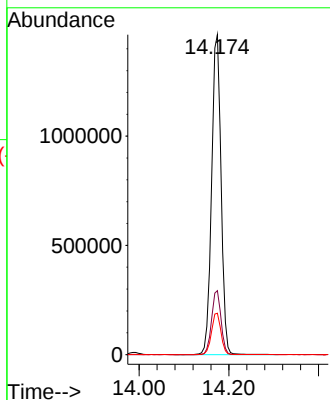
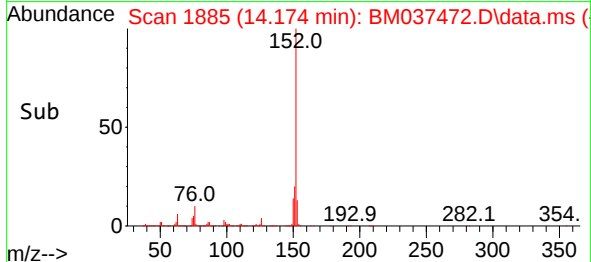
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



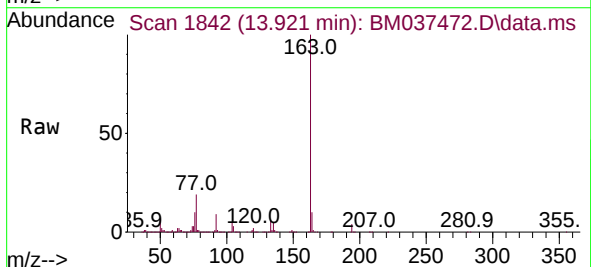
Tgt Ion:152 Resp: 2134324
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.0 10.6 15.8

Manual Integrations
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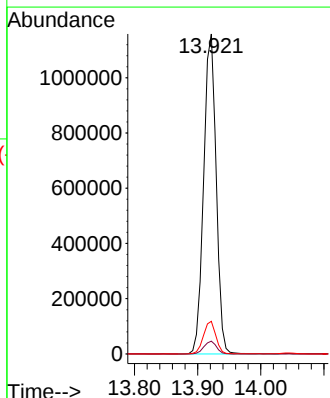
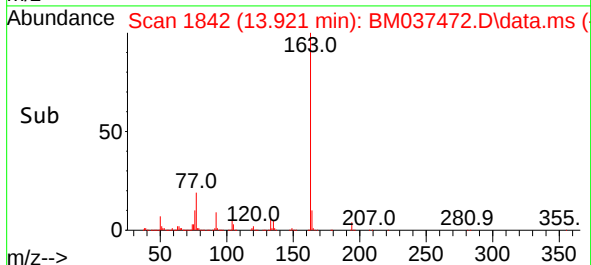
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

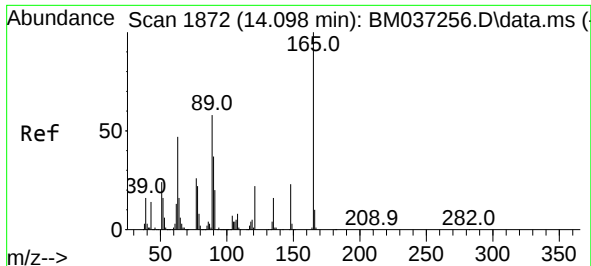


#50
Dimethylphthalate
Concen: 41.842 ng
RT: 13.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15



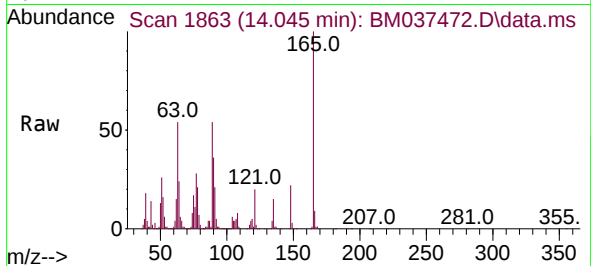
Tgt Ion:163 Resp: 1589709
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 43.923 ng
RT: 14.045 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

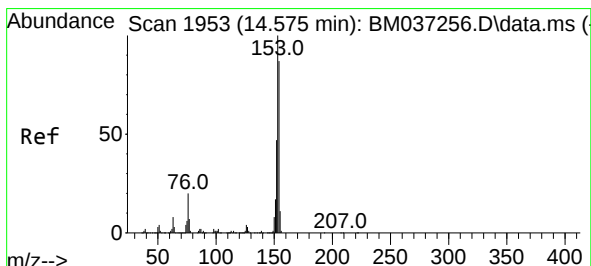
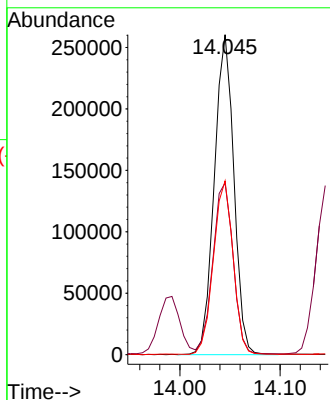
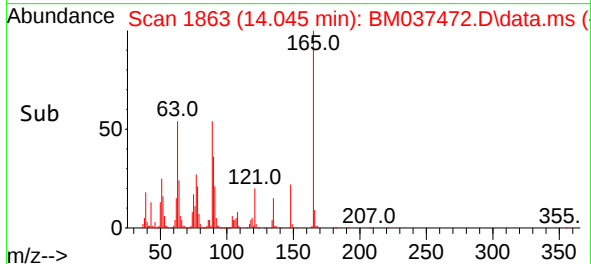
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:165 Resp: 353395
Ion Ratio Lower Upper
165 100
63 53.7 46.2 69.2
89 54.3 46.6 69.8

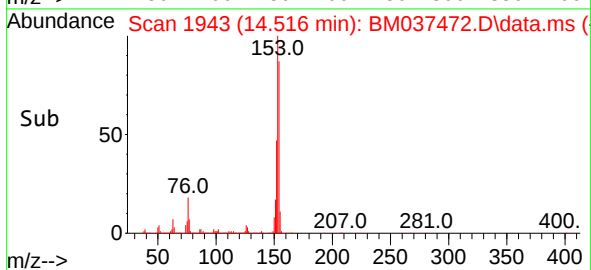
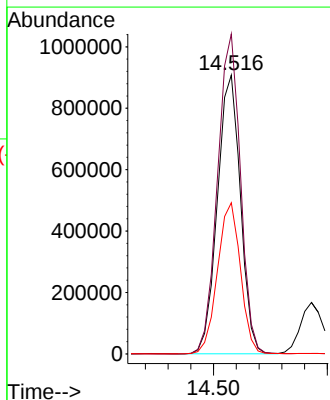
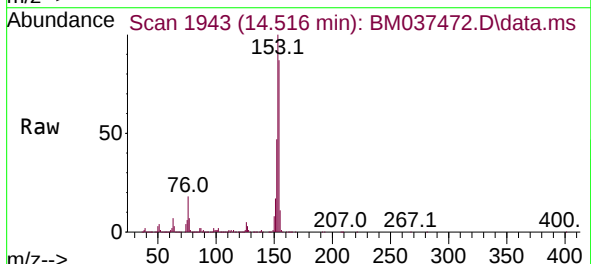
Manual Integrations
APPROVED

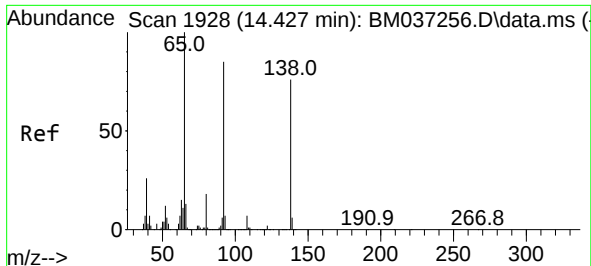
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#52
Acenaphthene
Concen: 41.706 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

Tgt Ion:154 Resp: 1278509
Ion Ratio Lower Upper
154 100
153 114.8 91.5 137.3
152 54.2 43.0 64.6





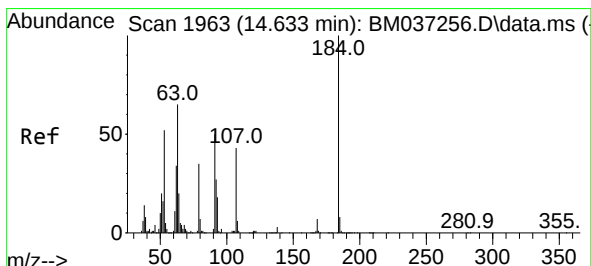
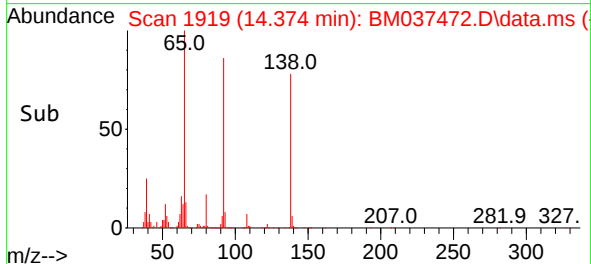
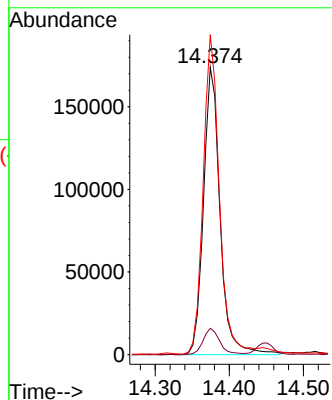
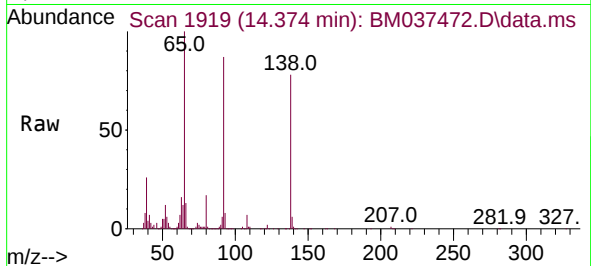
#53
3-Nitroaniline
Concen: 29.972 ng
RT: 14.374 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

Instrument :
BNA_M
ClientSampleId :
PB148855BSD

Tgt Ion:138 Resp: 269402
Ion Ratio Lower Upper
138 100
108 9.2 7.3 10.9
92 111.5 89.8 134.8

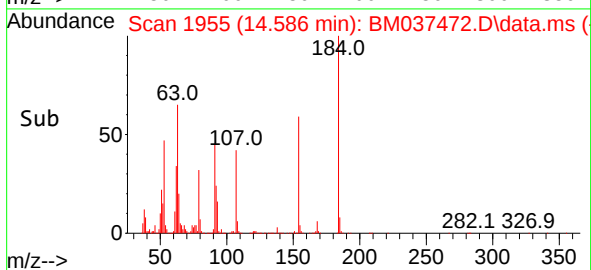
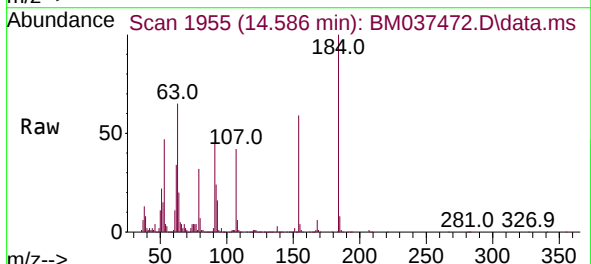
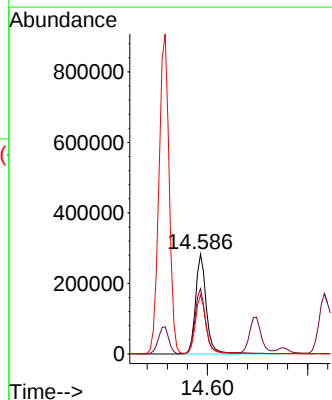
Manual Integrations
APPROVED

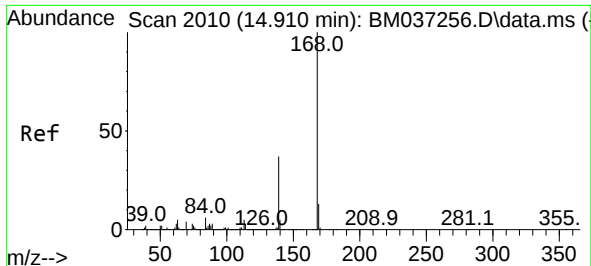
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#54
2,4-Dinitrophenol
Concen: 79.342 ng
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

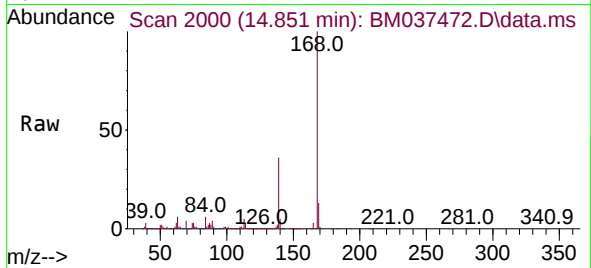
Tgt Ion:184 Resp: 420023
Ion Ratio Lower Upper
184 100
63 65.3 57.7 86.5
154 59.3 48.3 72.5





#55
Dibenzenofuran
Concen: 42.351 ng
RT: 14.851 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

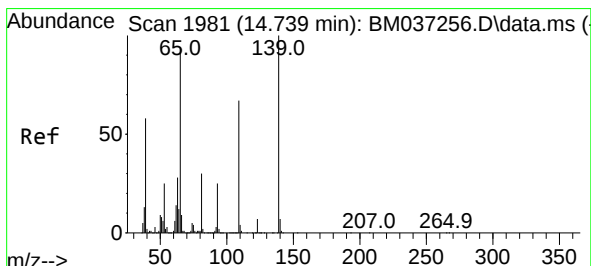
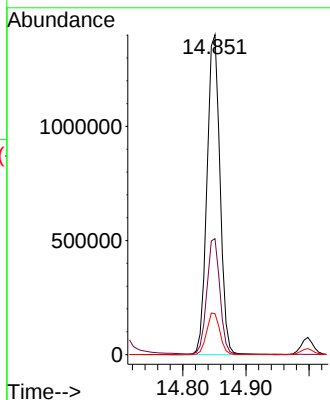
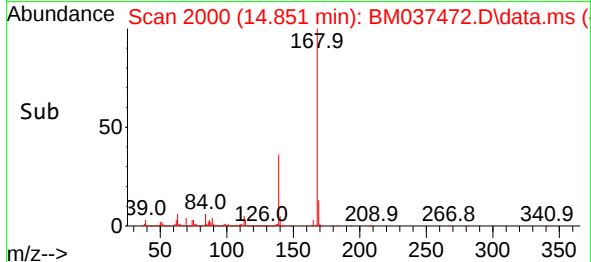
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:168 Resp: 1999628
Ion Ratio Lower Upper
168 100
139 36.2 29.3 43.9
169 12.8 10.6 16.0

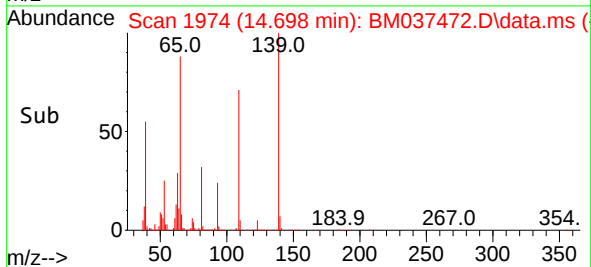
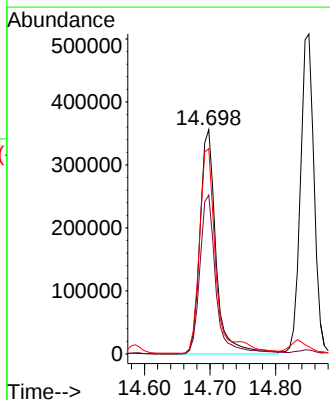
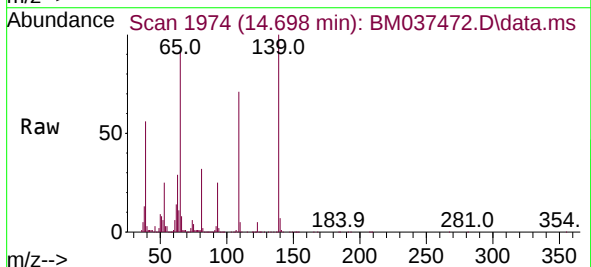
Manual Integrations
APPROVED

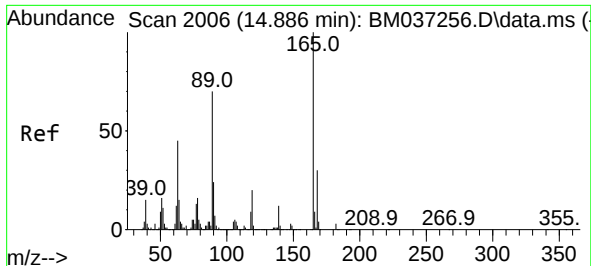
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#56
4-Nitrophenol
Concen: 83.628 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

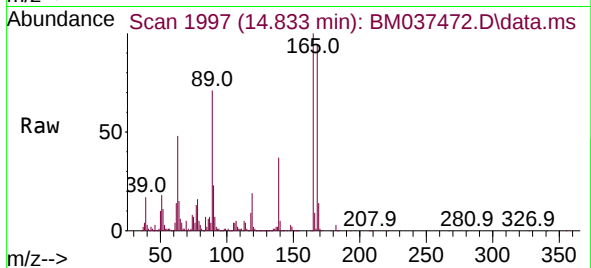
Tgt Ion:139 Resp: 599664
Ion Ratio Lower Upper
139 100
109 70.8 47.4 87.4
65 91.5 73.8 113.8





#57
2,4-Dinitrotoluene
Concen: 45.004 ng
RT: 14.833 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

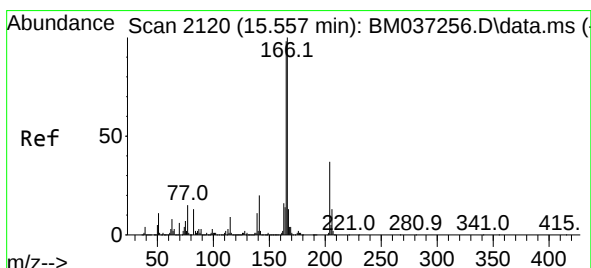
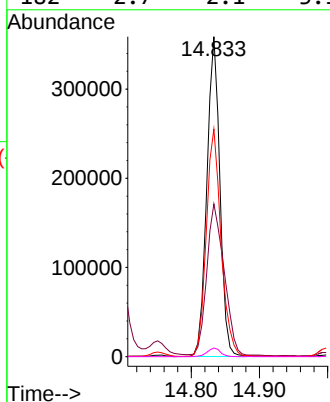
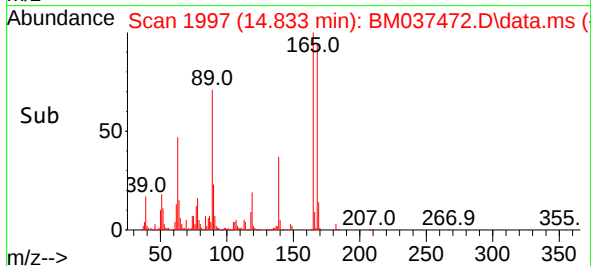
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



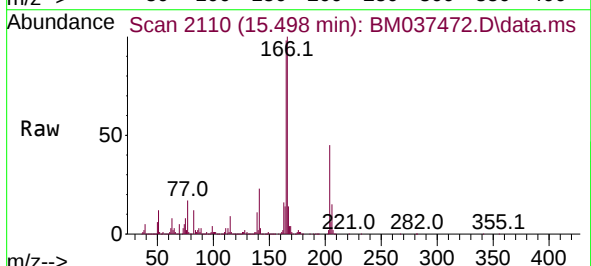
Tgt Ion:165 Resp: 476463
Ion Ratio Lower Upper
165 100
63 47.8 36.3 54.5
89 71.1 56.3 84.5
182 2.7 2.1 3.1

Manual Integrations
APPROVED

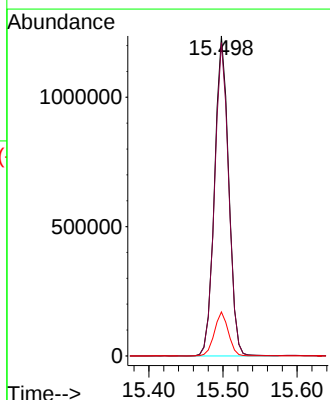
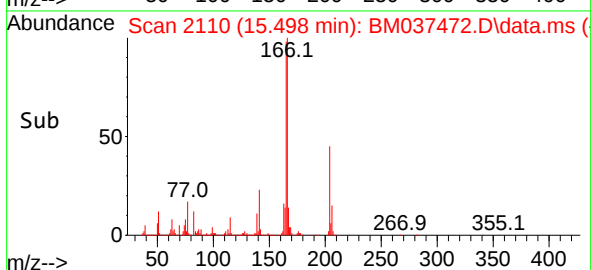
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

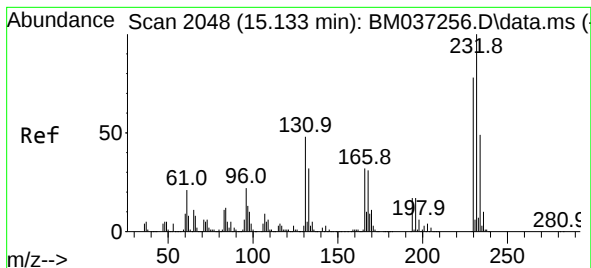


#58
Fluorene
Concen: 41.581 ng
RT: 15.498 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15



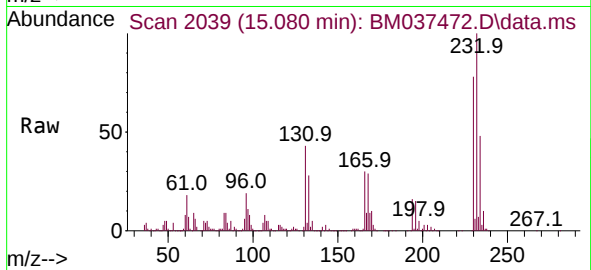
Tgt Ion:166 Resp: 1638744
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.4
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.133 ng
RT: 15.080 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

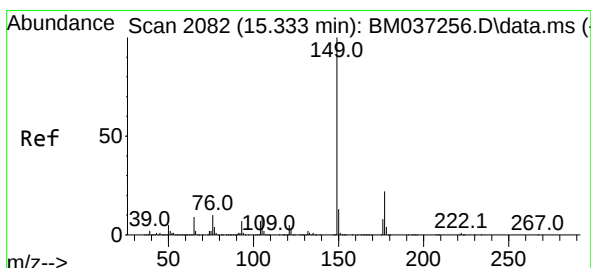
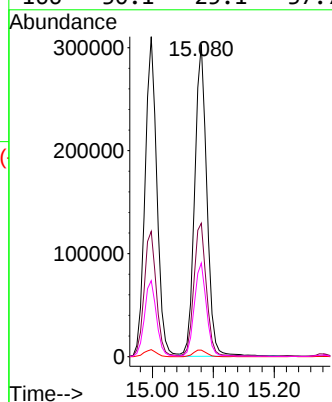
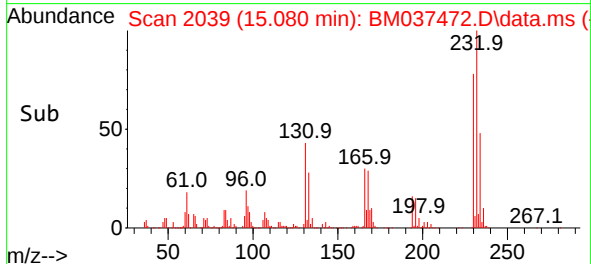
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



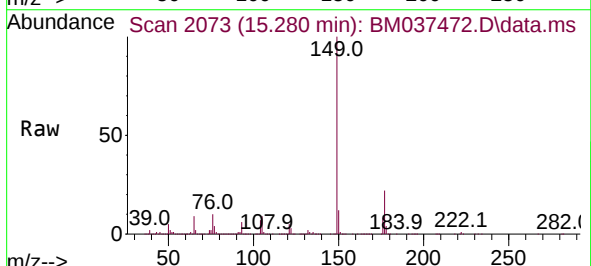
Tgt Ion:232 Resp: 420114
Ion Ratio Lower Upper
232 100
131 43.6 37.8 56.8
130 2.3 1.9 2.9
166 30.1 25.1 37.7

Manual Integrations
APPROVED

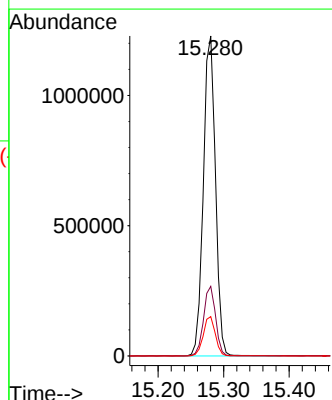
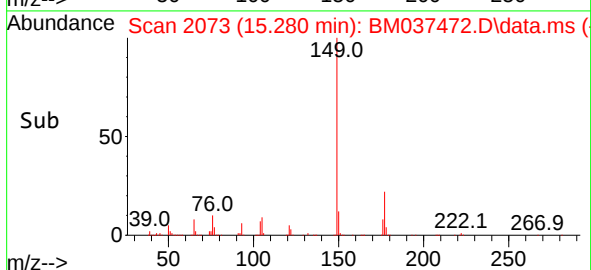
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

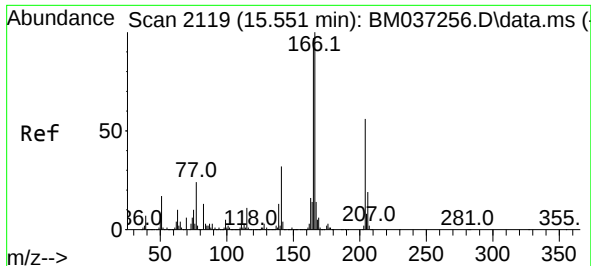


#60
Diethylphthalate
Concen: 42.364 ng
RT: 15.280 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15



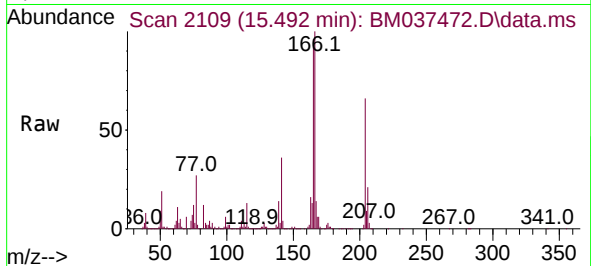
Tgt Ion:149 Resp: 1564362
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.788 ng
RT: 15.492 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

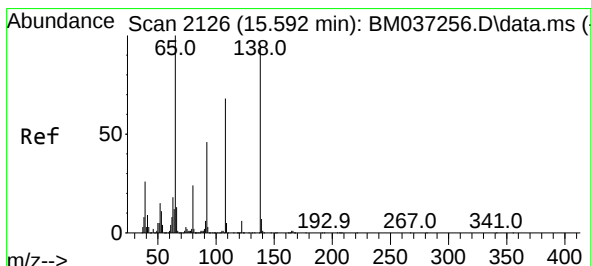
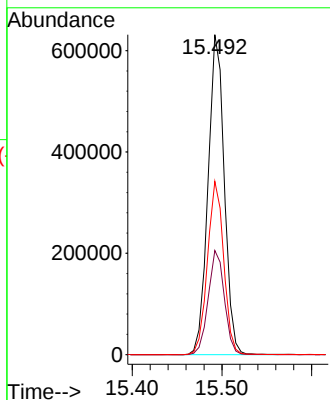
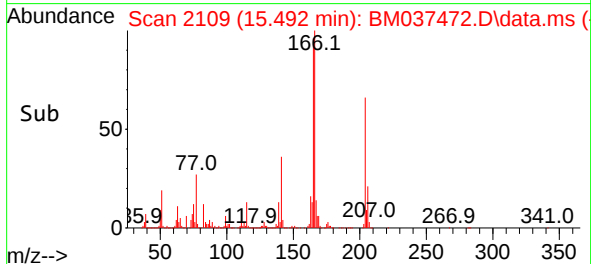
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



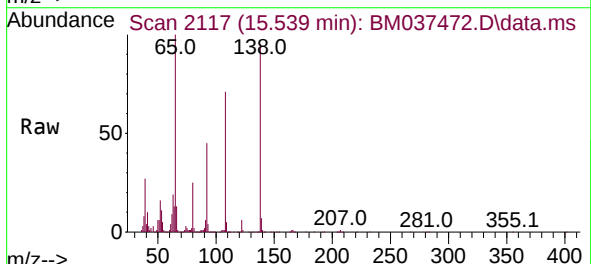
Tgt Ion:204 Resp: 798408
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 54.1 45.2 67.8

Manual Integrations
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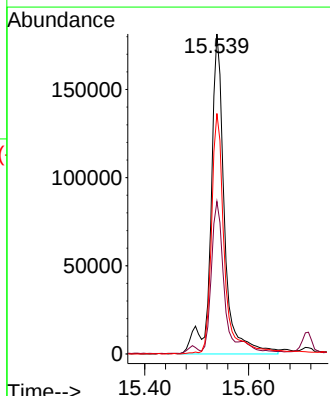
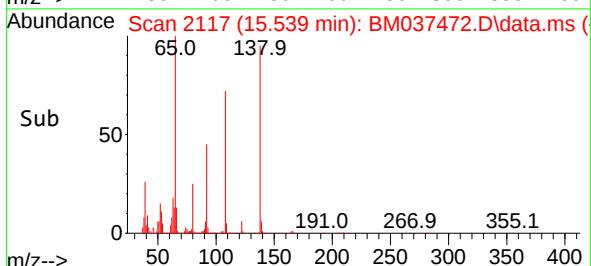
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

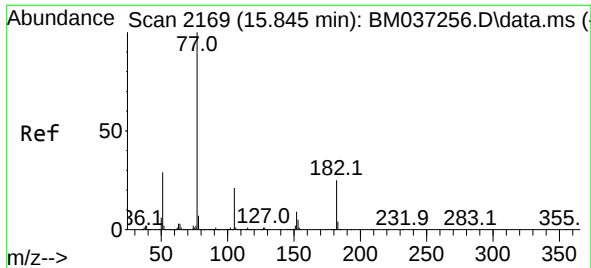


#62
4-Nitroaniline
Concen: 36.661 ng m
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15



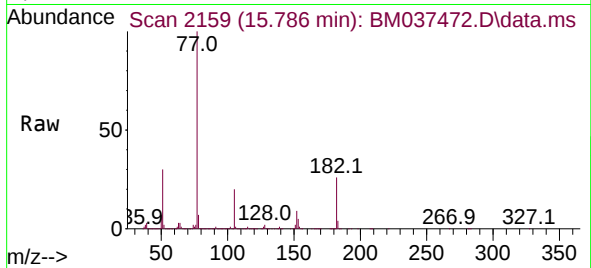
Tgt Ion:138 Resp: 330483
Ion Ratio Lower Upper
138 100
92 47.6 28.1 68.1
108 75.1 51.3 91.3





#63
Azobenzene
Concen: 40.949 ng
RT: 15.786 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

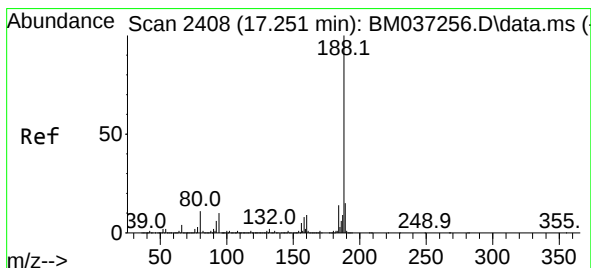
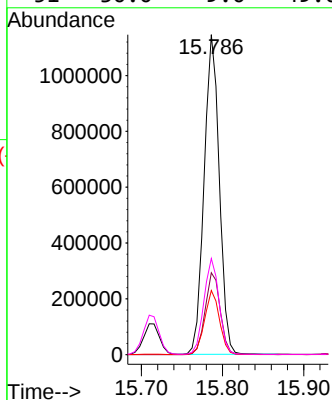
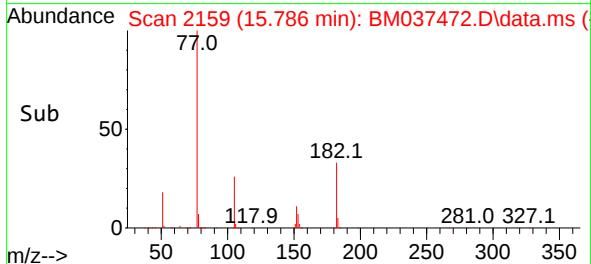
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



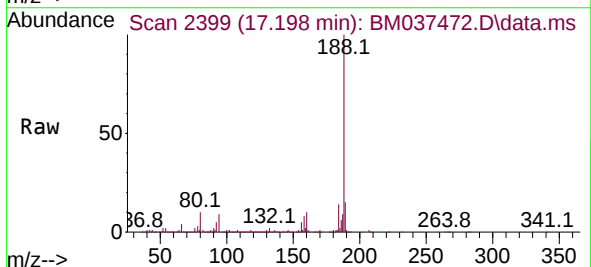
Tgt Ion: 77 Resp: 1489609
Ion Ratio Lower Upper
77 100
182 25.6 5.1 45.1
105 20.0 0.5 40.5
51 30.0 9.0 49.0

Manual Integrations
APPROVED

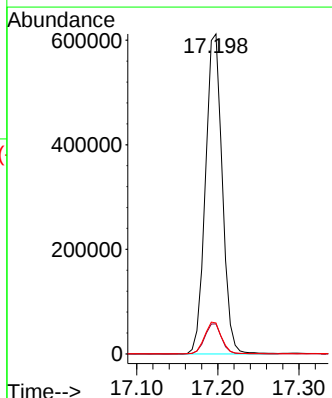
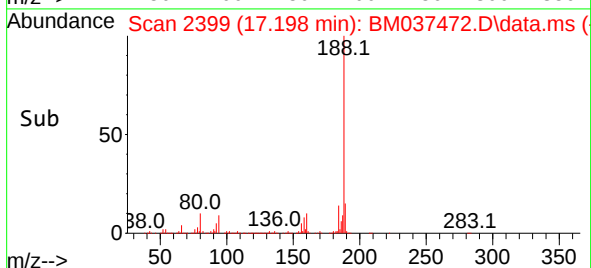
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

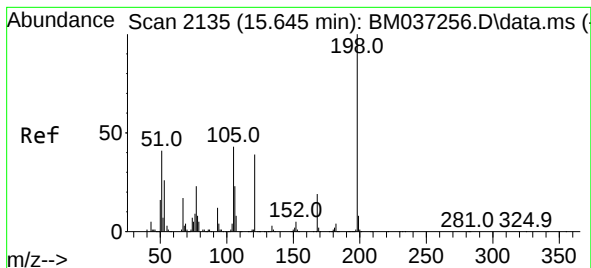


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15



Tgt Ion:188 Resp: 880979
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 9.7 8.5 12.7





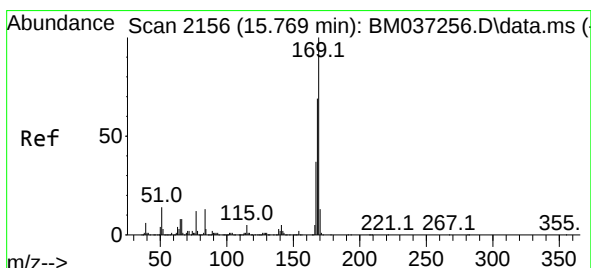
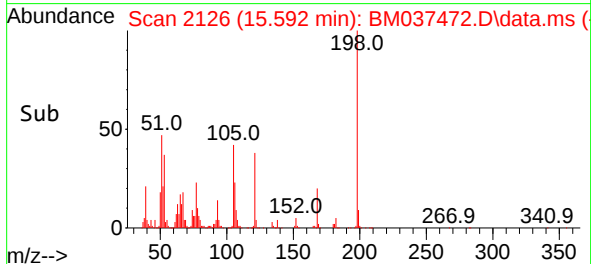
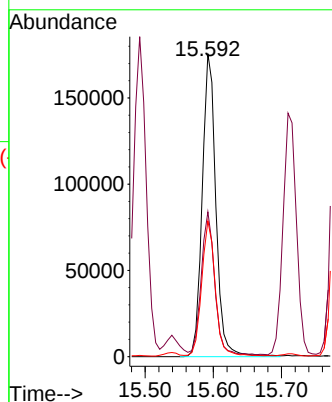
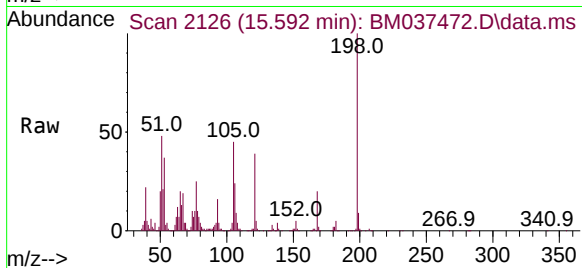
#65
4,6-Dinitro-2-methylphenol
Concen: 40.741 ng
RT: 15.592 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

Instrument :
BNA_M
ClientSampleId :
PB148855BSD

Tgt Ion:198 Resp: 245190
Ion Ratio Lower Upper
198 100
51 47.8 26.8 66.8
105 44.7 24.1 64.1

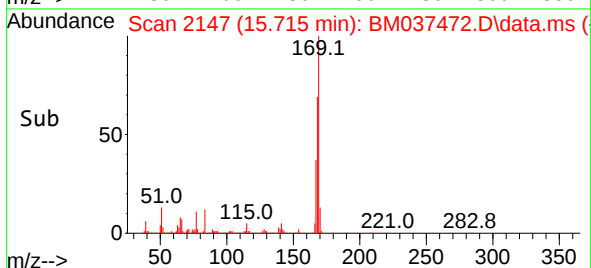
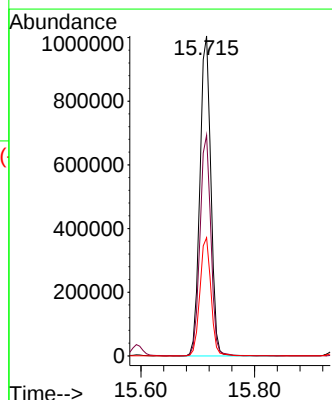
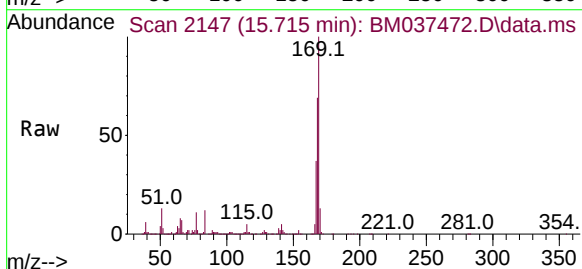
Manual Integrations
APPROVED

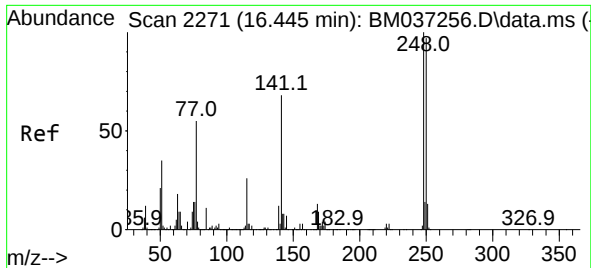
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#66
n-Nitrosodiphenylamine
Concen: 44.943 ng
RT: 15.715 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

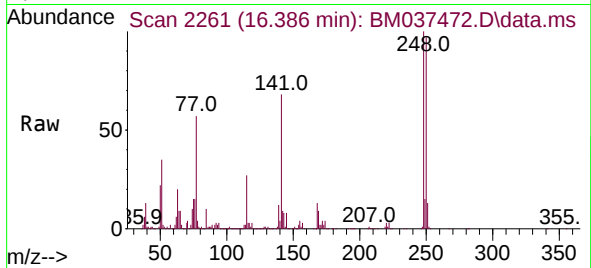
Tgt Ion:169 Resp: 1338308
Ion Ratio Lower Upper
169 100
168 69.0 54.8 82.2
167 36.9 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 47.434 ng
RT: 16.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

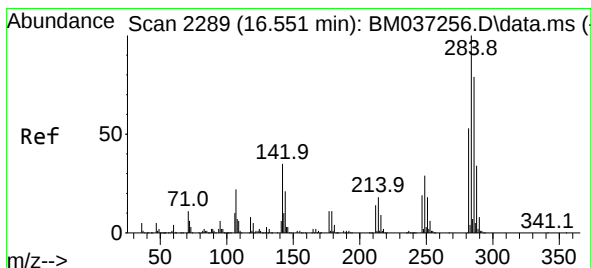
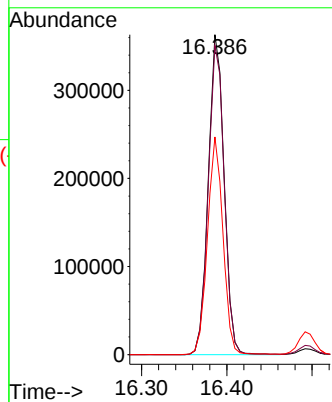
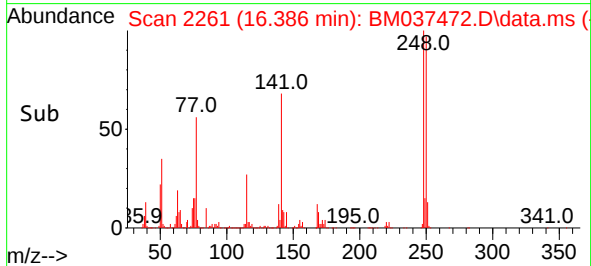
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:248 Resp: 468945
Ion Ratio Lower Upper
248 100
250 96.6 77.8 116.6
141 68.0 54.2 81.2

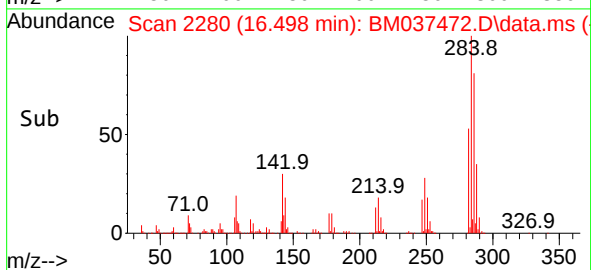
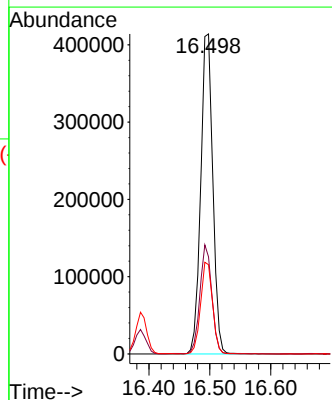
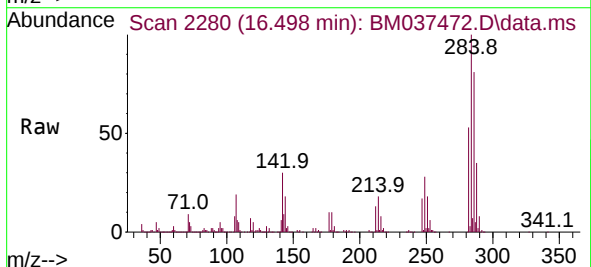
Manual Integrations
APPROVED

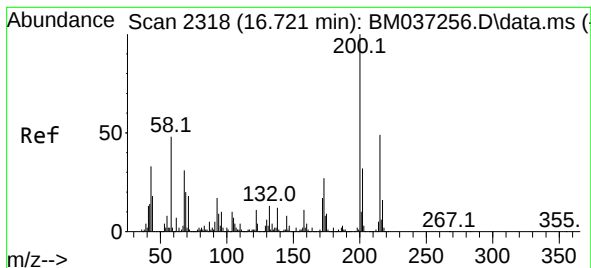
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#68
Hexachlorobenzene
Concen: 47.628 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

Tgt Ion:284 Resp: 569832
Ion Ratio Lower Upper
284 100
142 30.3 28.2 42.4
249 27.9 23.1 34.7





#69

Atrazine

Concen: 59.128 ng

RT: 16.668 min Scan# 2318

Delta R.T. -0.006 min

Lab File: BM037472.D

Acq: 11 Nov 2022 18:15

Instrument :

BNA_M

ClientSampleId :

PB148855BSD

Tgt Ion:200 Resp: 443014

Ion Ratio Lower Upper

200 100

173 26.5 6.8 46.8

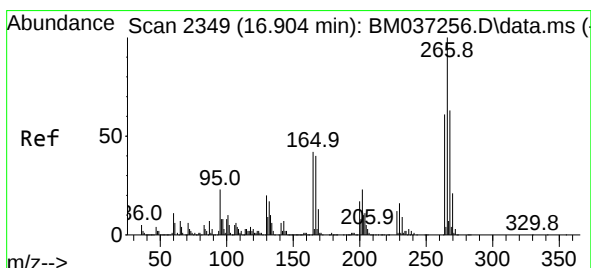
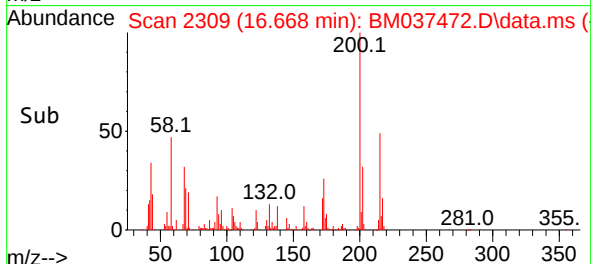
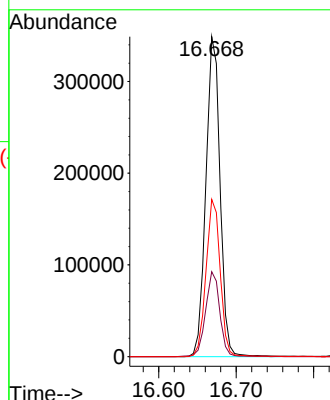
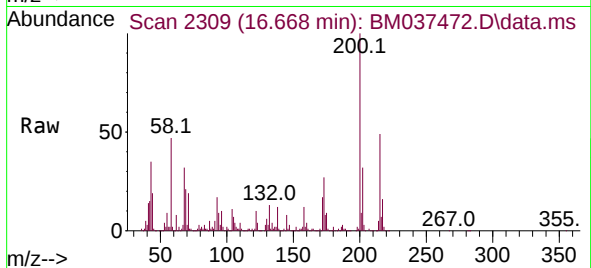
215 49.1 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#70

Pentachlorophenol

Concen: 97.171 ng

RT: 16.851 min Scan# 2340

Delta R.T. 0.000 min

Lab File: BM037472.D

Acq: 11 Nov 2022 18:15

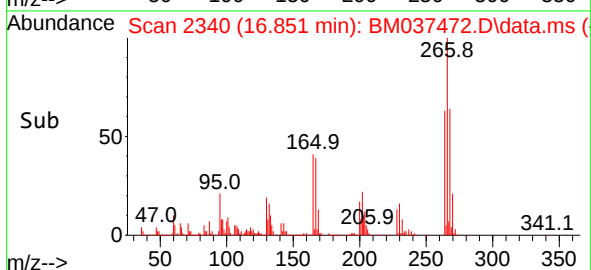
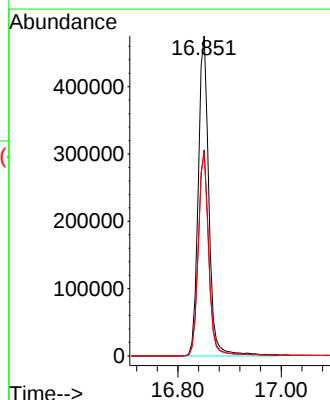
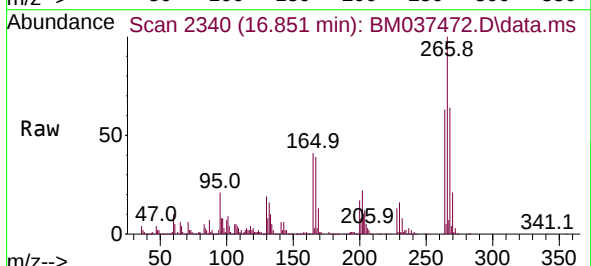
Tgt Ion:266 Resp: 676491

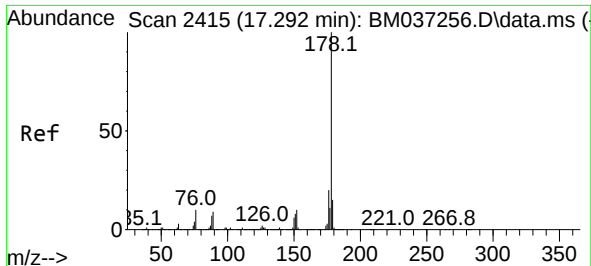
Ion Ratio Lower Upper

266 100

268 64.4 50.7 76.1

264 63.5 49.1 73.7





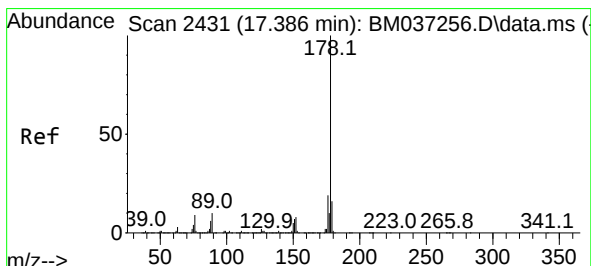
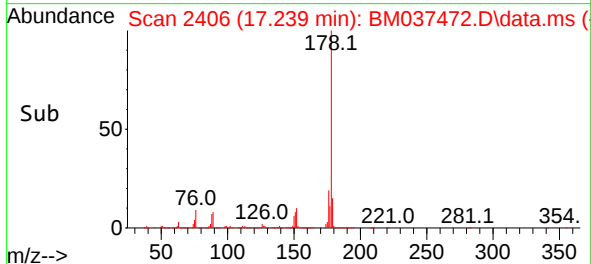
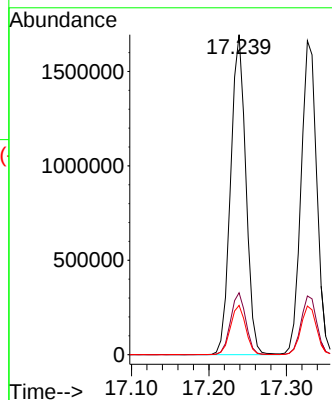
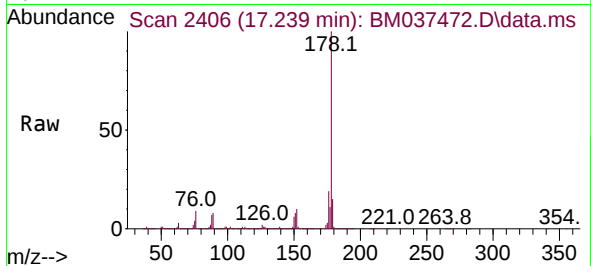
#71
Phenanthrene
Concen: 42.410 ng
RT: 17.239 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

Instrument :
BNA_M
ClientSampleId :
PB148855BSD

Tgt Ion:178 Resp: 2317978
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.4 12.4 18.6

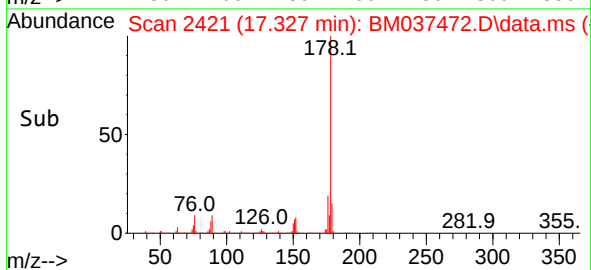
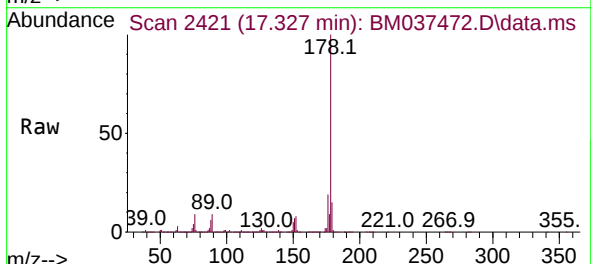
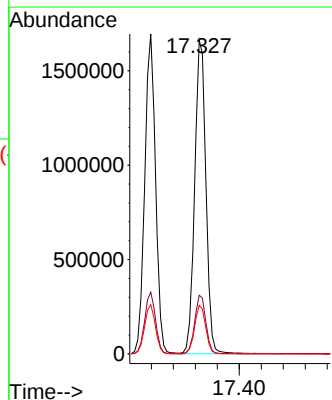
Manual Integrations
APPROVED

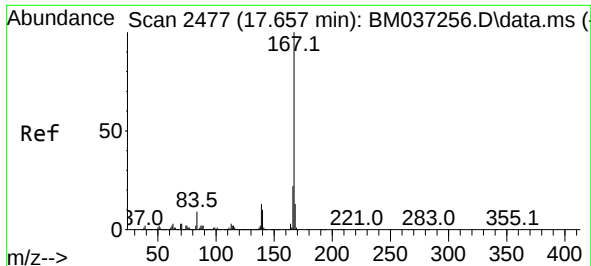
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#72
Anthracene
Concen: 45.505 ng
RT: 17.327 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

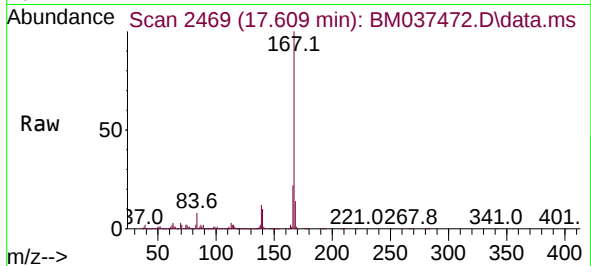
Tgt Ion:178 Resp: 2354580
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.5 12.6 19.0





#73
 Carbazole
 Concen: 44.203 ng
 RT: 17.609 min Scan# 2477
 Delta R.T. 0.000 min
 Lab File: BM037472.D
 Acq: 11 Nov 2022 18:15

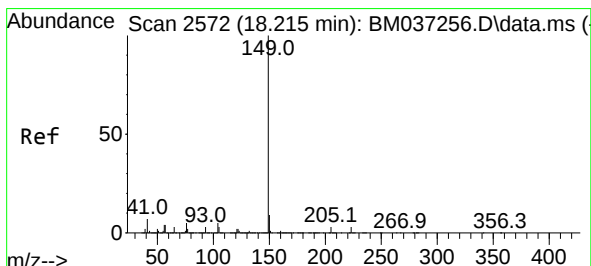
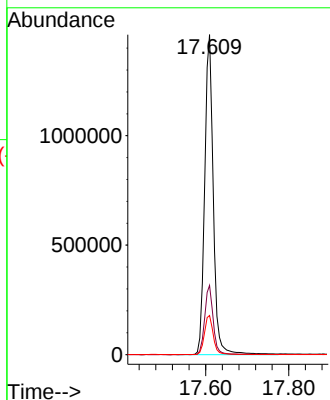
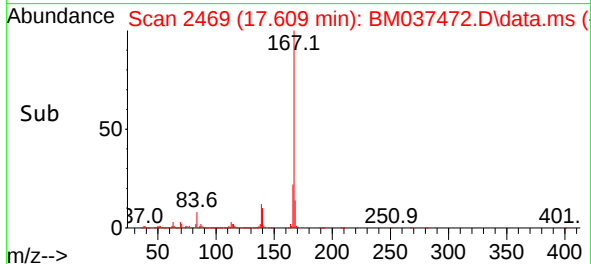
Instrument :
 BNA_M
 ClientSampleId :
 PB148855BSD



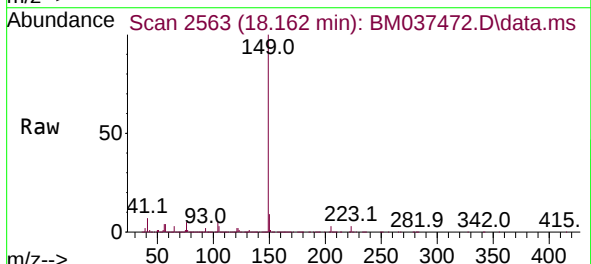
Tgt Ion:167 Resp: 2098053
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 12.2 10.4 15.6

Manual Integrations
 APPROVED

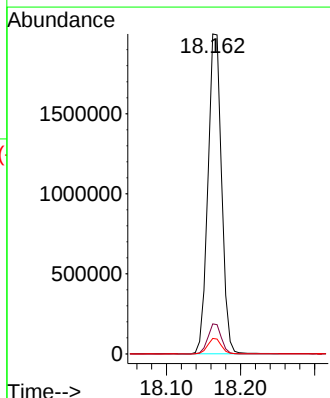
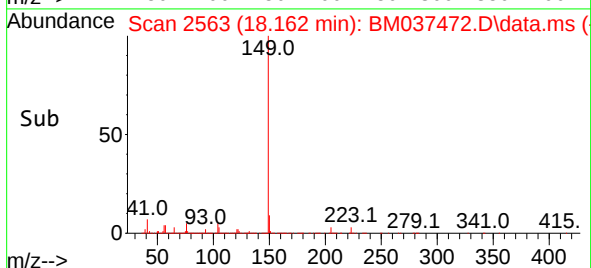
Reviewed By :Christian Giraldo 11/12/2022
 Supervised By :Jagrut Upadhyay 11/12/2022

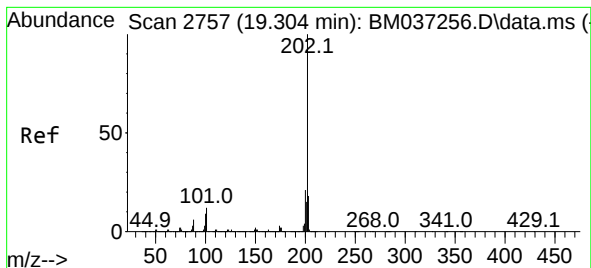


#74
 Di-n-butylphthalate
 Concen: 48.675 ng
 RT: 18.162 min Scan# 2563
 Delta R.T. -0.006 min
 Lab File: BM037472.D
 Acq: 11 Nov 2022 18:15



Tgt Ion:149 Resp: 2551048
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.9 4.0 6.0





#75

Fluoranthene

Concen: 43.642 ng

RT: 19.256 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037472.D

Acq: 11 Nov 2022 18:15

Instrument :

BNA_M

ClientSampleId :

PB148855BSD

Tgt Ion:202 Resp: 2521486

Ion Ratio Lower Upper

202 100

101 10.9 0.0 32.4

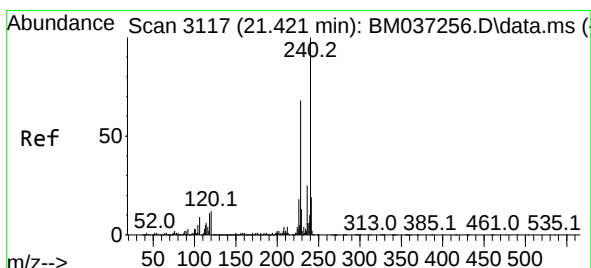
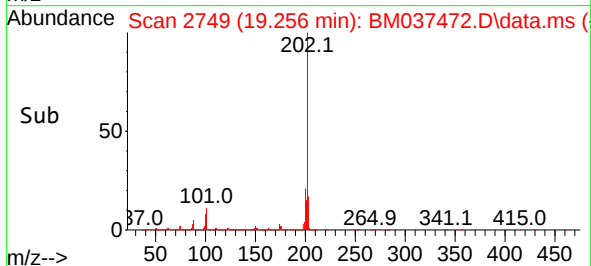
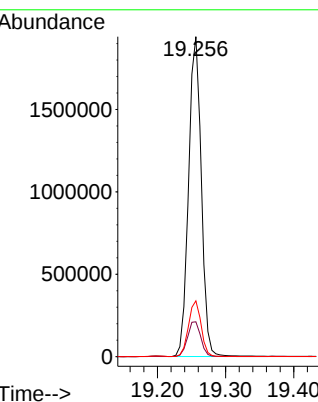
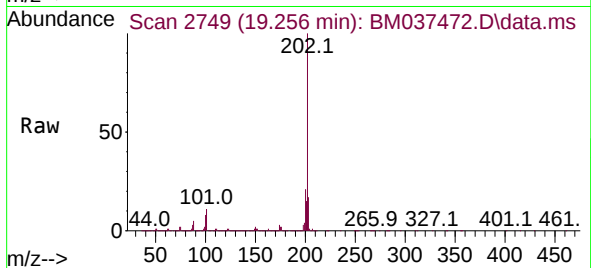
203 17.4 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM037472.D

Acq: 11 Nov 2022 18:15

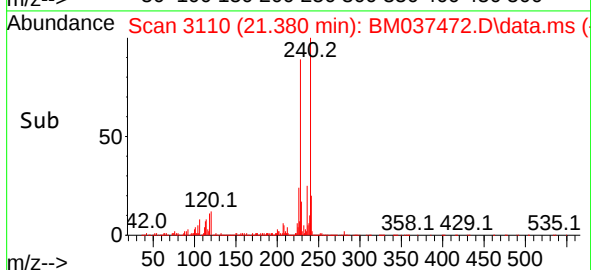
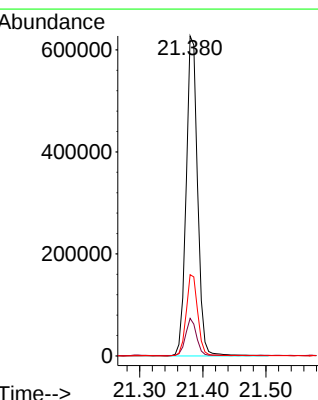
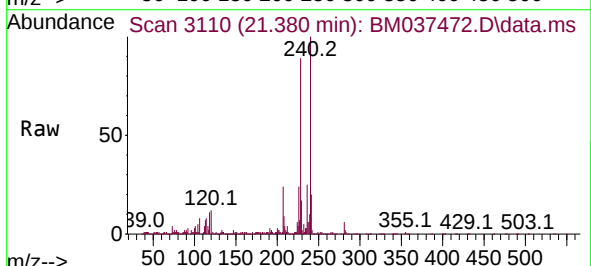
Tgt Ion:240 Resp: 789628

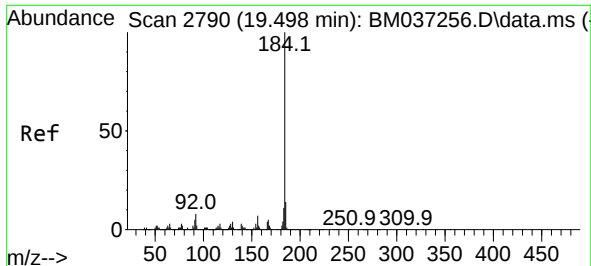
Ion Ratio Lower Upper

240 100

120 11.7 9.9 14.9

236 25.4 20.3 30.5





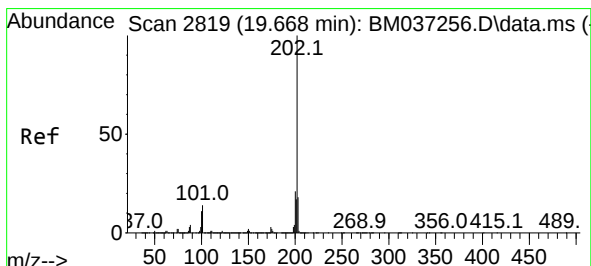
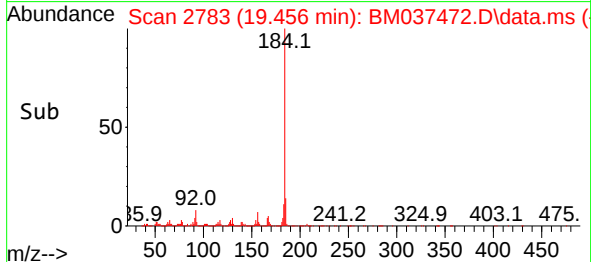
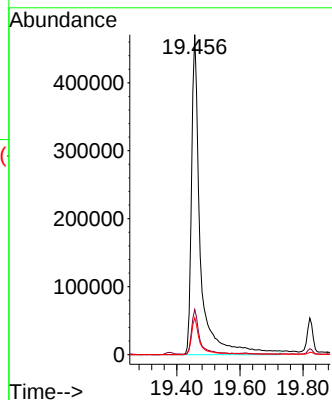
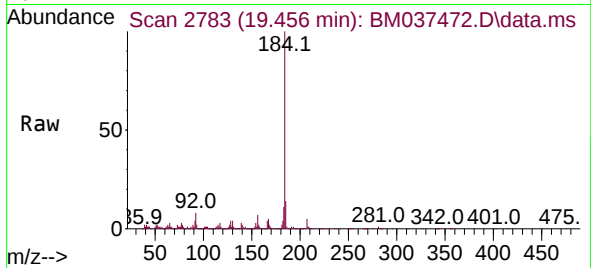
#77
Benzidine
Concen: 78.678 ng
RT: 19.456 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

Instrument :
BNA_M
ClientSampleId :
PB148855BSD

Tgt Ion:184 Resp: 926392
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.5 9.0 13.4

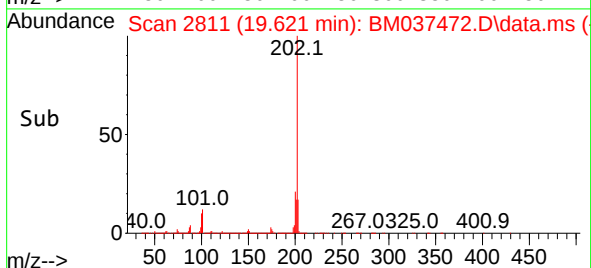
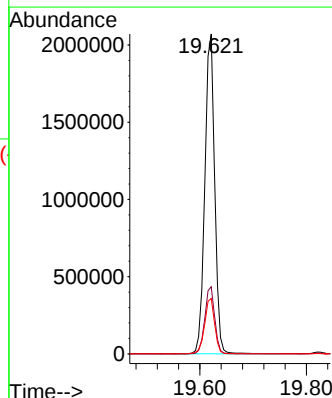
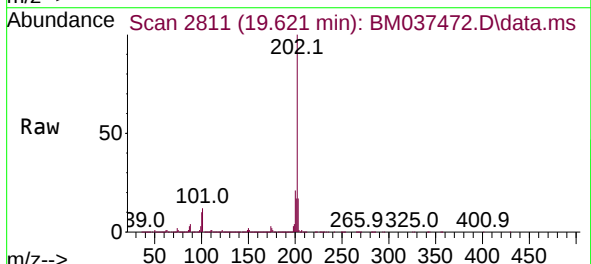
Manual Integrations
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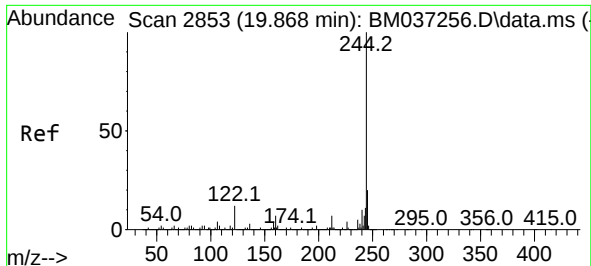
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#78
Pyrene
Concen: 43.688 ng
RT: 19.621 min Scan# 2811
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

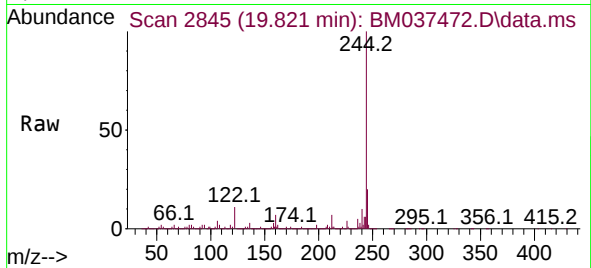
Tgt Ion:202 Resp: 2652721
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.3 14.1 21.1





#79
 Terphenyl-d14
 Concen: 98.653 ng
 RT: 19.821 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BM037472.D
 Acq: 11 Nov 2022 18:15

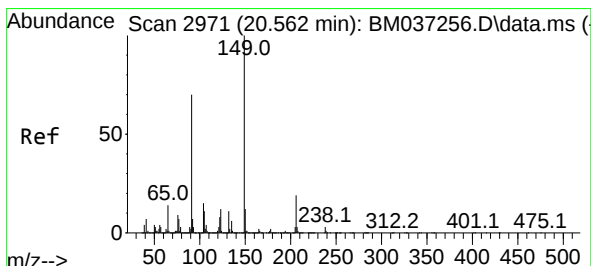
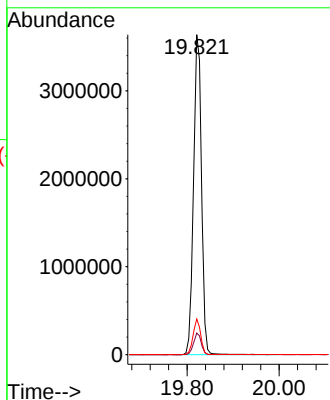
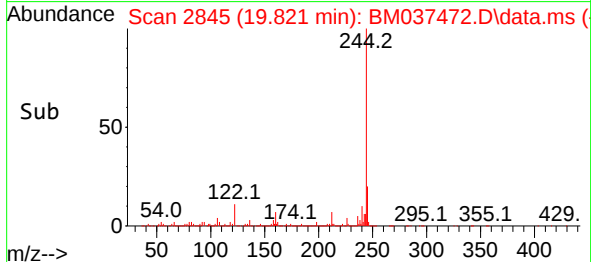
Instrument :
 BNA_M
 ClientSampleId :
 PB148855BSD



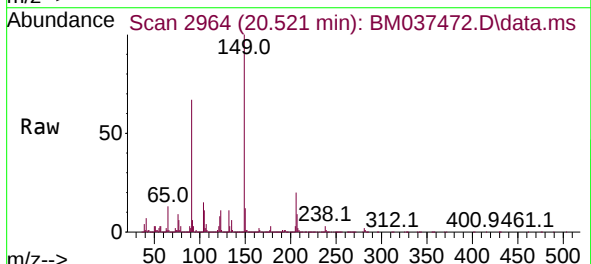
Tgt Ion:244 Resp: 4343978
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.1 9.4 14.2

Manual Integrations
 APPROVED

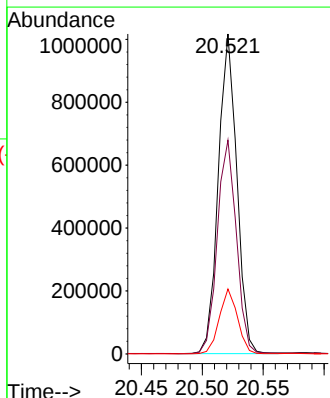
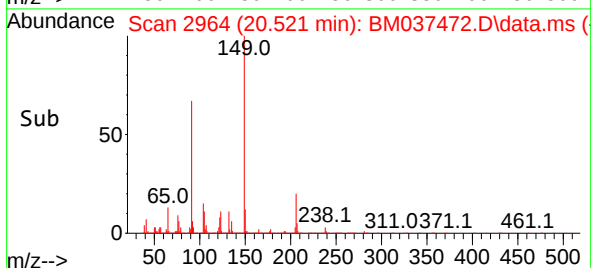
Reviewed By :Christian Giraldo 11/12/2022
 Supervised By :Jagrut Upadhyay 11/12/2022

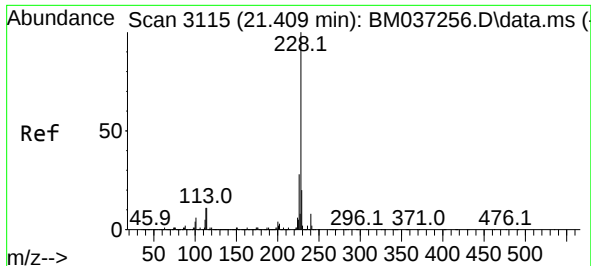


#80
 Butylbenzylphthalate
 Concen: 49.730 ng
 RT: 20.521 min Scan# 2964
 Delta R.T. 0.000 min
 Lab File: BM037472.D
 Acq: 11 Nov 2022 18:15



Tgt Ion:149 Resp: 1078386
 Ion Ratio Lower Upper
 149 100
 91 66.8 56.2 84.4
 206 20.3 15.4 23.0





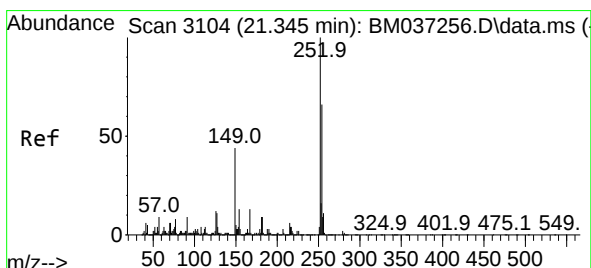
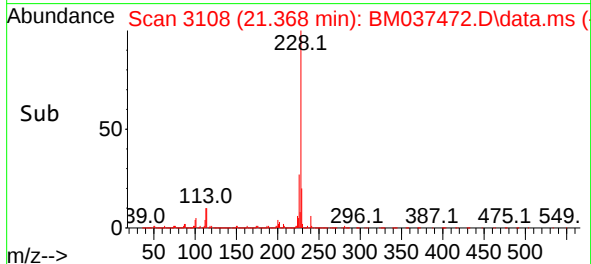
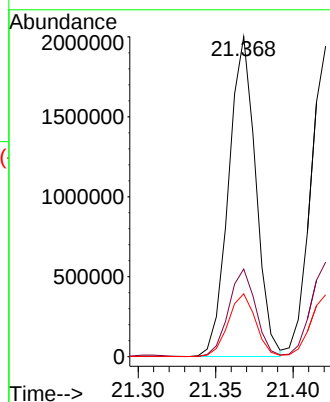
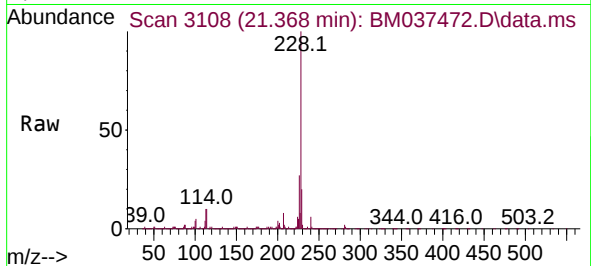
#81
Benzo(a)anthracene
Concen: 43.238 ng
RT: 21.368 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

Instrument :
BNA_M
ClientSampleId :
PB148855BSD

Tgt Ion:228 Resp: 2430704
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 19.6 16.2 24.2

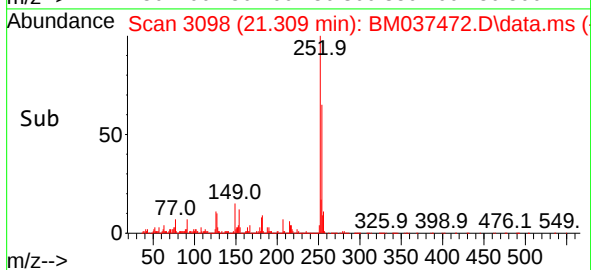
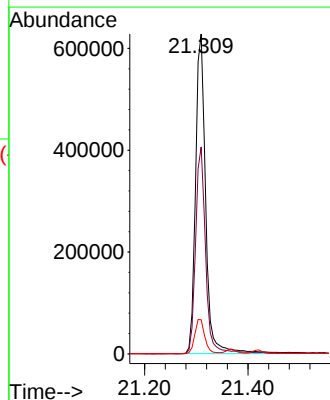
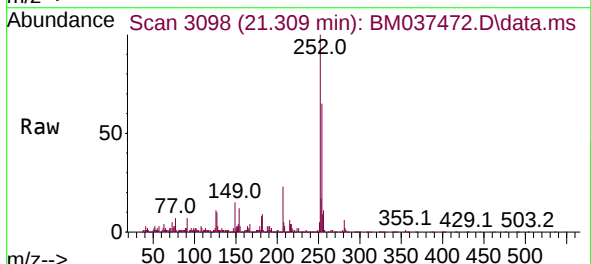
Manual Integrations
APPROVED

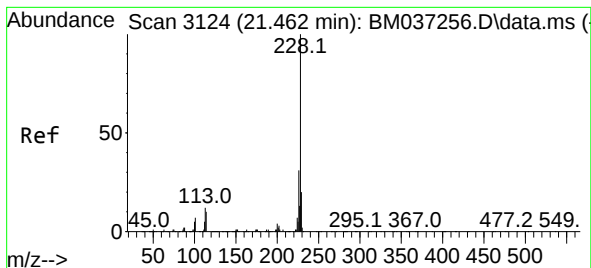
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#82
3,3'-Dichlorobenzidine
Concen: 51.883 ng
RT: 21.309 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

Tgt Ion:252 Resp: 856640
Ion Ratio Lower Upper
252 100
254 64.7 52.7 79.1
126 10.7 9.8 14.6





#83

Chrysene

Concen: 42.681 ng

RT: 21.421 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM037472.D

Acq: 11 Nov 2022 18:15

Instrument :

BNA_M

ClientSampleId :

PB148855BSD

Tgt Ion:228 Resp: 2311633

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

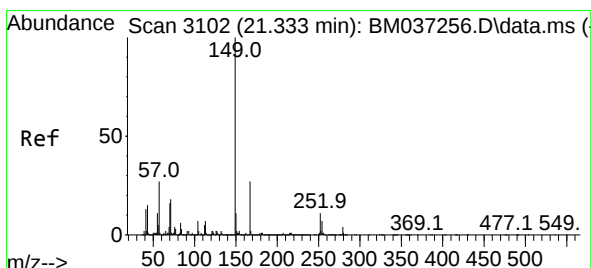
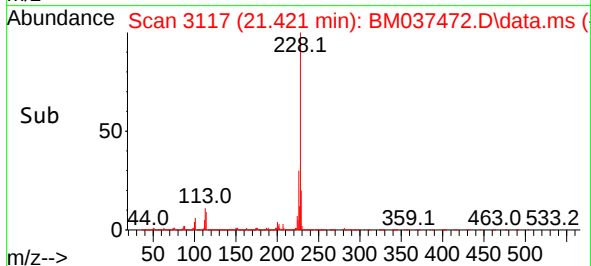
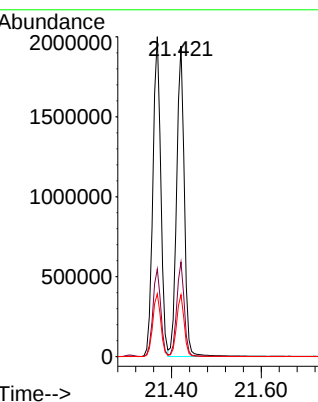
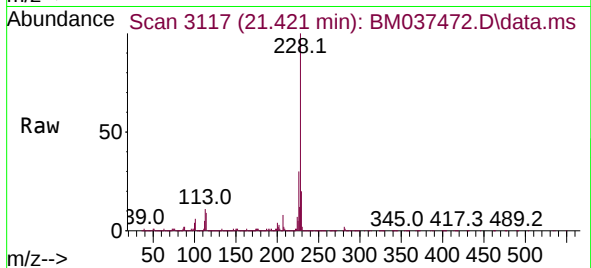
229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.046 ng

RT: 21.292 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM037472.D

Acq: 11 Nov 2022 18:15

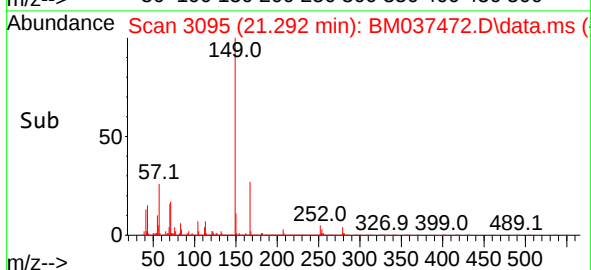
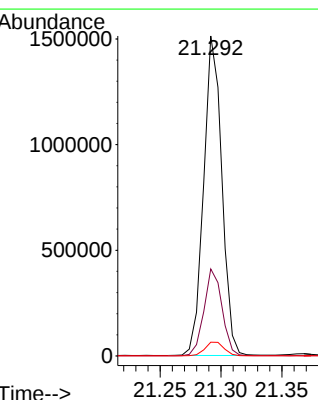
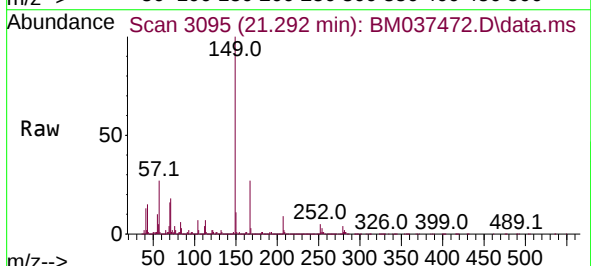
Tgt Ion:149 Resp: 1572950

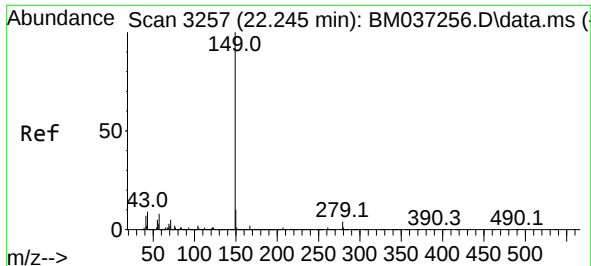
Ion Ratio Lower Upper

149 100

167 27.2 21.2 31.8

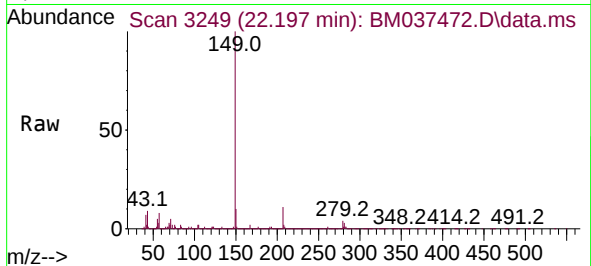
279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 54.560 ng
RT: 22.197 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

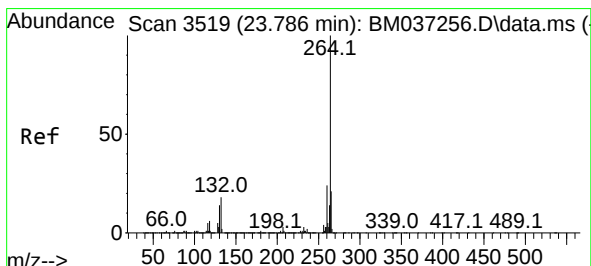
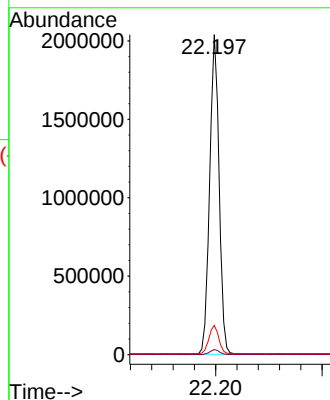
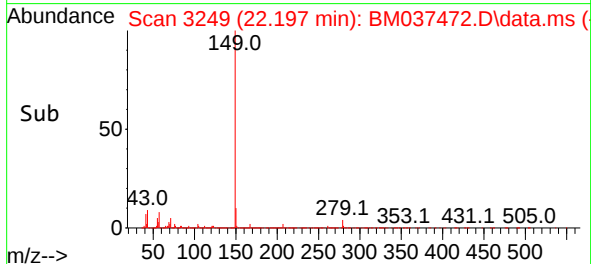
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:149 Resp: 2500800
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.2 8.0 12.0

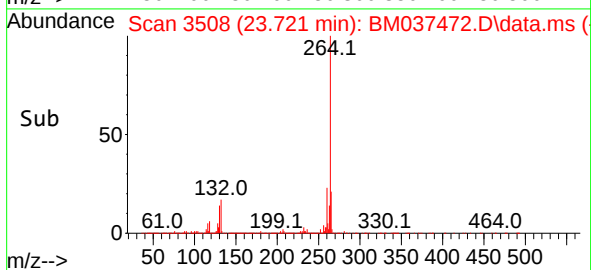
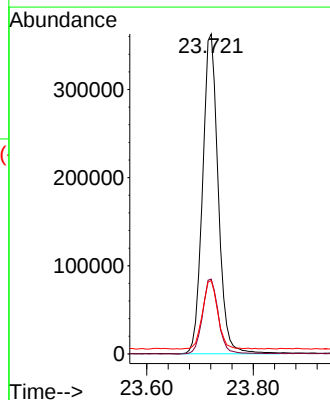
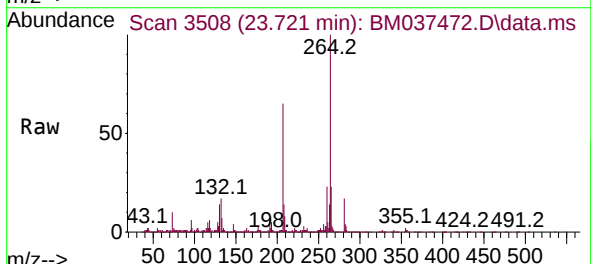
Manual Integrations
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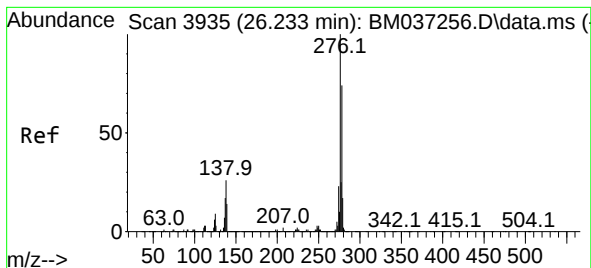
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3508
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

Tgt Ion:264 Resp: 737651
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 22.9 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.609 ng

RT: 26.144 min Scan# 3935

Delta R.T. 0.000 min

Lab File: BM037472.D

Acq: 11 Nov 2022 18:15

Instrument :

BNA_M

ClientSampleId :

PB148855BSD

Tgt Ion:276 Resp: 2996254

Ion Ratio Lower Upper

276 100

138 24.7 21.5 32.3

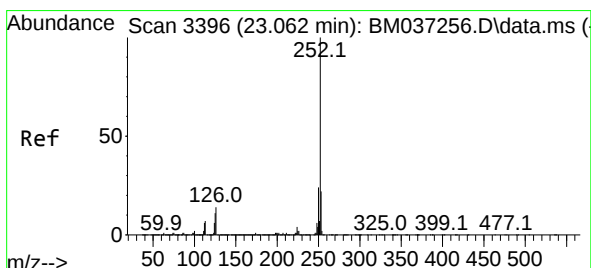
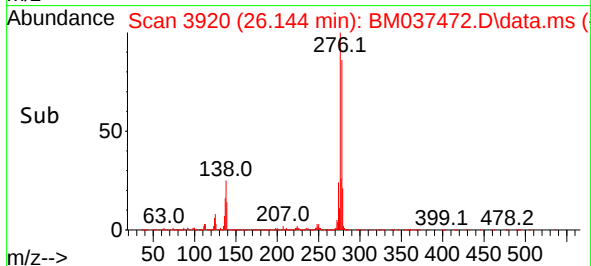
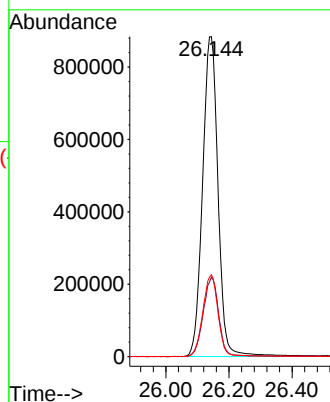
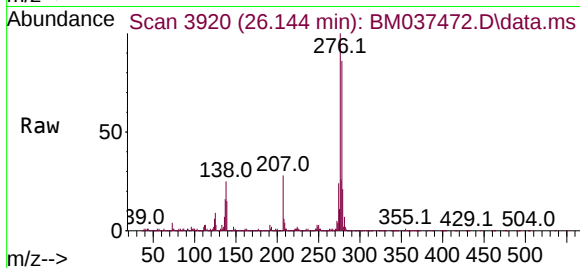
277 25.3 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#88

Benzo(b)fluoranthene

Concen: 47.039 ng

RT: 23.009 min Scan# 3387

Delta R.T. -0.006 min

Lab File: BM037472.D

Acq: 11 Nov 2022 18:15

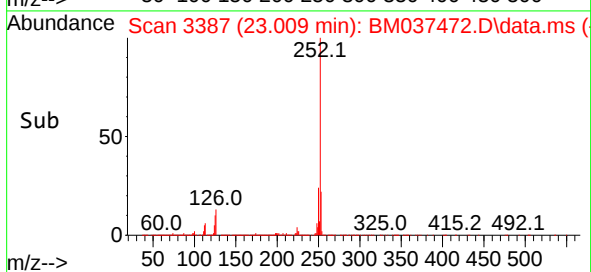
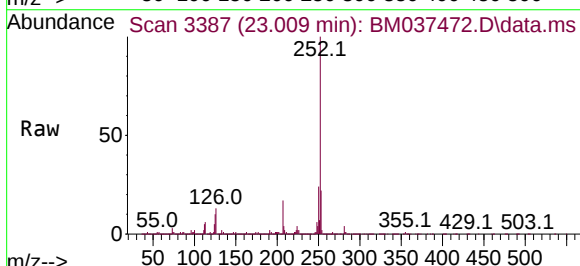
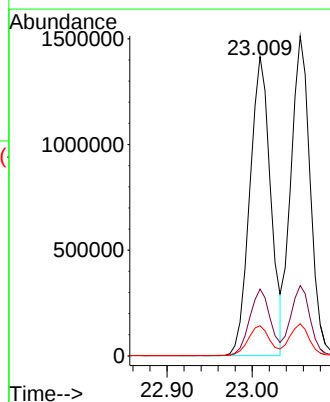
Tgt Ion:252 Resp: 2408931

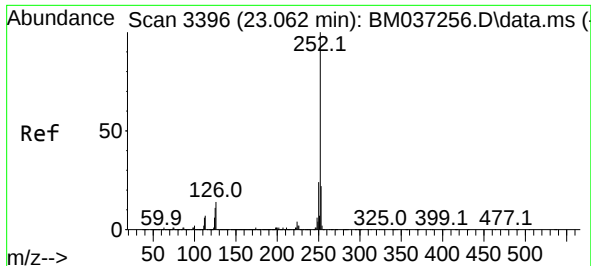
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 10.1 9.1 13.7





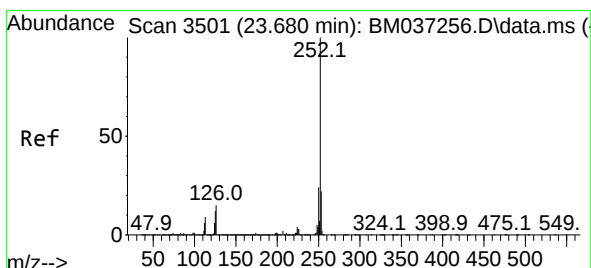
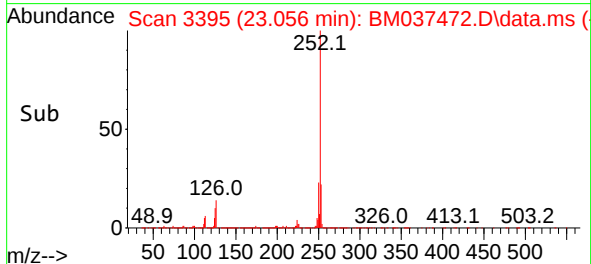
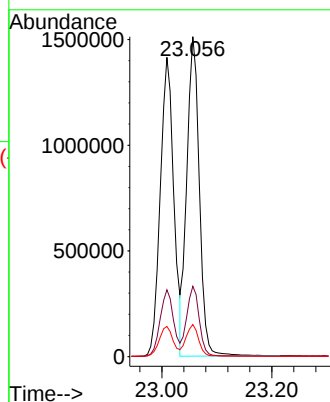
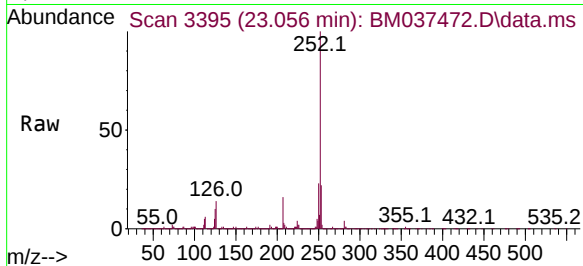
#89
Benzo(k)fluoranthene
Concen: 45.893 ng
RT: 23.056 min Scan# 341
Delta R.T. -0.006 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

Instrument :
BNA_M
ClientSampleId :
PB148855BSD

Tgt Ion:252 Resp: 239728
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.0 9.1 13.7

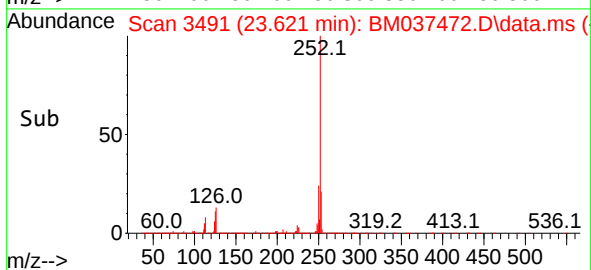
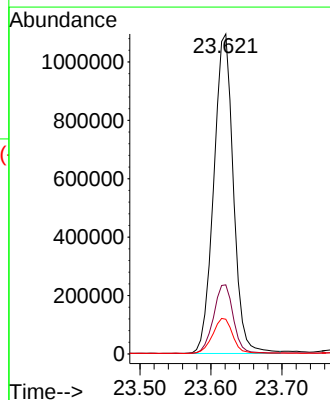
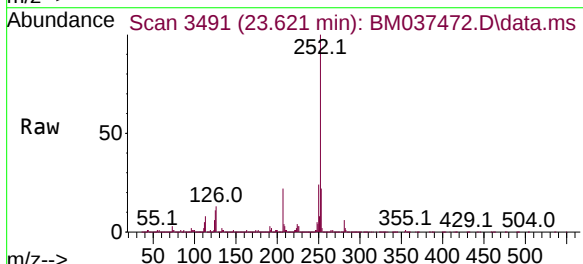
Manual Integrations
APPROVED

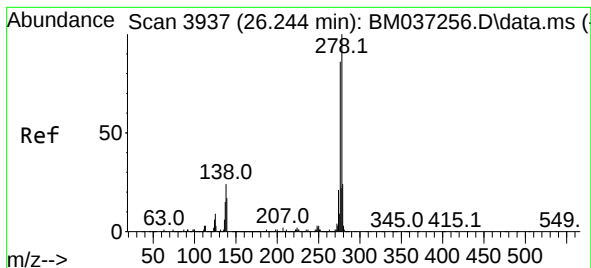
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#90
Benzo(a)pyrene
Concen: 50.432 ng
RT: 23.621 min Scan# 3491
Delta R.T. 0.000 min
Lab File: BM037472.D
Acq: 11 Nov 2022 18:15

Tgt Ion:252 Resp: 2104330
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 10.8 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 52.515 ng

RT: 26.156 min Scan# 39

Delta R.T. -0.006 min

Lab File: BM037472.D

Acq: 11 Nov 2022 18:15

Instrument :

BNA_M

ClientSampleId :

PB148855BSD

Tgt Ion:278 Resp: 2633954

Ion Ratio Lower Upper

278 100

139 16.2 13.8 20.8

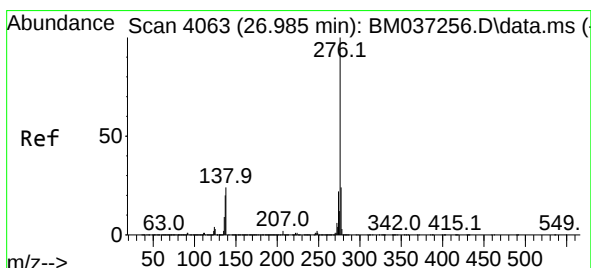
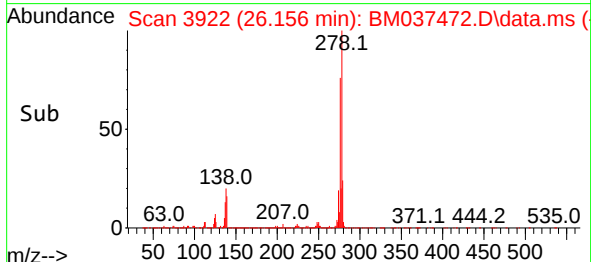
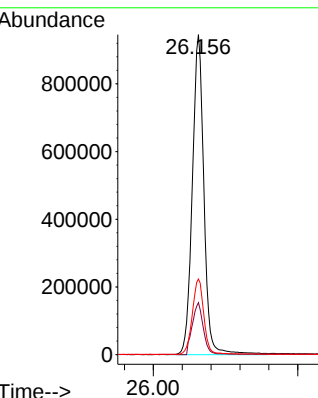
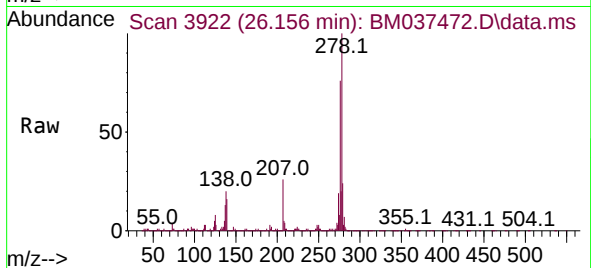
279 23.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#92

Benzo(g,h,i)perylene

Concen: 54.614 ng

RT: 26.885 min Scan# 4046

Delta R.T. 0.000 min

Lab File: BM037472.D

Acq: 11 Nov 2022 18:15

Tgt Ion:276 Resp: 2665967

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.2

138 21.6 18.9 28.3

