

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
 Data File : BM037279.D
 Acq On : 29 Oct 2022 20:00
 Operator : CG/JU
 Sample : N5219-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BACKYARD-BOTTOM-AMSD

Quant Time: Oct 31 02:08:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 31 01:34:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 10/31/2022
 Supervised By : Jagrut Upadhyay 11/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	500205	20.000	ng	0.00
21) Naphthalene-d8	10.674	136	1937492	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1024297	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1707732	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1196258	20.000	ng	0.00
86) Perylene-d12	23.779	264	1236614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	3775111	130.387	ng	0.00
7) Phenol-d6	7.051	99	4997617	127.180	ng	0.00
23) Nitrobenzene-d5	9.045	82	2933201	76.381	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1449027	120.042	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	5761398	74.735	ng	0.00
79) Terphenyl-d14	19.862	244	5547832	83.166	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	449802	37.939	ng	99
3) Pyridine	3.734	79	1219276	34.520	ng	99
4) n-Nitrosodimethylamine	3.646	42	627583	40.651	ng	100
6) Aniline	7.204	93	1787932	37.219	ng	100
8) 2-Chlorophenol	7.439	128	1621717	46.021	ng	99
9) Benzaldehyde	7.016	77	691051	34.743	ng	99
10) Phenol	7.075	94	2018032	45.832	ng	100
11) bis(2-Chloroethyl)ether	7.304	93	1544478	43.750	ng	99
12) 1,3-Dichlorobenzene	7.757	146	1705641	44.295	ng	98
13) 1,4-Dichlorobenzene	7.910	146	1746196	43.962	ng	99
14) 1,2-Dichlorobenzene	8.222	146	1668893	43.748	ng	98
15) Benzyl Alcohol	8.122	79	1262676m	44.945	ng	
16) 2,2'-oxybis(1-Chloropr...	8.410	45	2161693	42.952	ng	99
17) 2-Methylphenol	8.322	107	1255851	43.644	ng	99
18) Hexachloroethane	8.945	117	629316	44.926	ng	99
19) n-Nitroso-di-n-propyla...	8.686	70	1133659	42.086	ng	99
20) 3+4-Methylphenols	8.657	107	1675630	42.395	ng	99
22) Acetophenone	8.704	105	2248578	44.651	ng	# 99
24) Nitrobenzene	9.086	77	1639560	42.112	ng	98
25) Isophorone	9.610	82	2933511	45.706	ng	100
26) 2-Nitrophenol	9.792	139	810852	46.522	ng	99
27) 2,4-Dimethylphenol	9.857	122	1238048	47.862	ng	99
28) bis(2-Chloroethoxy)met...	10.092	93	1915294	47.963	ng	100
29) 2,4-Dichlorophenol	10.327	162	1341091	45.165	ng	99
30) 1,2,4-Trichlorobenzene	10.533	180	1419603	42.160	ng	100
31) Naphthalene	10.722	128	4540175	41.361	ng	99
32) Benzoic acid	10.016	122	773897	35.073	ng	99
33) 4-Chloroaniline	10.845	127	1031168	23.583	ng	99
34) Hexachlorobutadiene	10.998	225	816450	43.423	ng	97
35) Caprolactam	11.657	113	367921	40.758	ng	99
36) 4-Chloro-3-methylphenol	11.969	107	1303145	42.587	ng	99
37) 2-Methylnaphthalene	12.333	142	3097005	41.642	ng	100
38) 1-Methylnaphthalene	12.551	142	2933170	40.363	ng	99
40) 1,2,4,5-Tetrachloroben...	12.698	216	1508706	48.988	ng	99
41) Hexachlorocyclopentadiene	12.674	237	1764746	120.268	ng	99
43) 2,4,6-Trichlorophenol	12.945	196	979133	46.183	ng	99

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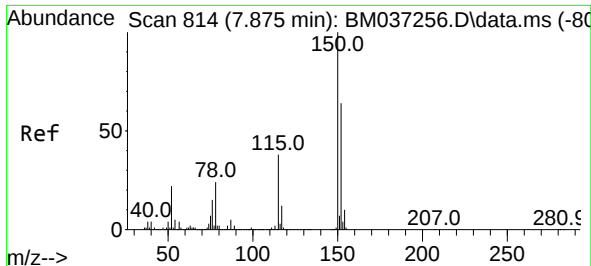
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.015	196	1047014	44.768	ng	100
46) 1,1'-Biphenyl	13.345	154	3881719	46.961	ng	99
47) 2-Chloronaphthalene	13.386	162	2915828	44.328	ng	100
48) 2-Nitroaniline	13.598	65	820000	43.138	ng	100
49) Acenaphthylene	14.227	152	4428979	43.374	ng	99
50) Dimethylphthalate	13.974	163	3254336	41.596	ng	100
51) 2,6-Dinitrotoluene	14.098	165	729122	44.007	ng	92
52) Acenaphthene	14.568	154	2688647	42.591	ng	99
53) 3-Nitroaniline	14.427	138	514938	27.820	ng	96
54) 2,4-Dinitrophenol	14.633	184	652068	61.402	ng	93
55) Dibenzofuran	14.904	168	4098056	42.148	ng	100
56) 4-Nitrophenol	14.739	139	1181992	80.047	ng	97
57) 2,4-Dinitrotoluene	14.880	165	926589	42.501	ng	99
58) Fluorene	15.551	166	3385804	41.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	780413	39.812	ng	99
60) Diethylphthalate	15.327	149	3124125	41.084	ng	100
61) 4-Chlorophenyl-phenyle...	15.545	204	1645765	43.832	ng	99
62) 4-Nitroaniline	15.586	138	675563	36.392	ng	98
63) Azobenzene	15.839	77	3091293	41.266	ng	99
65) 4,6-Dinitro-2-methylph...	15.639	198	409629	35.806	ng	99
66) n-Nitrosodiphenylamine	15.762	169	2696642	46.717	ng	100
67) 4-Bromophenyl-phenylether	16.439	248	926377	48.339	ng	99
68) Hexachlorobenzene	16.545	284	1081727	46.642	ng	99
69) Atrazine	16.715	200	831404	57.244	ng	99
70) Pentachlorophenol	16.898	266	1119626	82.965	ng	98
71) Phenanthrene	17.286	178	4472494	42.213	ng	100
72) Anthracene	17.380	178	4415360	44.021	ng	100
73) Carbazole	17.656	167	3856282	41.914	ng	99
74) Di-n-butylphthalate	18.215	149	4715255	46.413	ng	100
75) Fluoranthene	19.297	202	4329649	38.659	ng	100
77) Benzidine	19.492	184	1065822	59.751	ng	100
78) Pyrene	19.662	202	4367423	47.478	ng	100
80) Butylbenzylphthalate	20.556	149	1685342	51.302	ng	99
81) Benzo(a)anthracene	21.403	228	3608454	42.370	ng	99
82) 3,3'-Dichlorobenzidine	21.344	252	1225751	49.003	ng	98
83) Chrysene	21.456	228	3372549	41.103	ng	100
84) Bis(2-ethylhexyl)phtha...	21.327	149	2356448	53.445	ng	99
85) Di-n-octyl phthalate	22.238	149	3517669	50.658	ng	100
87) Indeno(1,2,3-cd)pyrene	26.221	276	4859300	47.992	ng	100
88) Benzo(b)fluoranthene	23.062	252	3837085	44.694	ng	99
89) Benzo(k)fluoranthene	23.109	252	3607994	41.201	ng	99
90) Benzo(a)pyrene	23.674	252	3314373	47.382	ng	99
91) Dibenzo(a,h)anthracene	26.232	278	4254582	50.600	ng	100
92) Benzo(g,h,i)perylene	26.979	276	4149072	50.701	ng	99

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



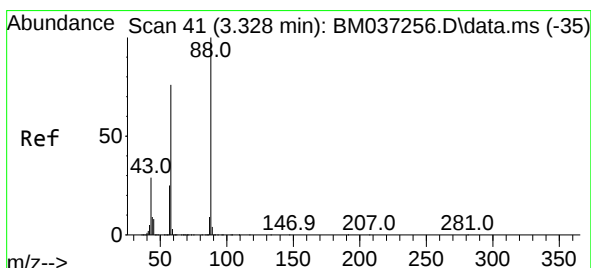
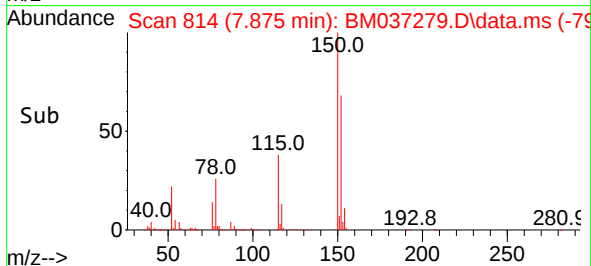
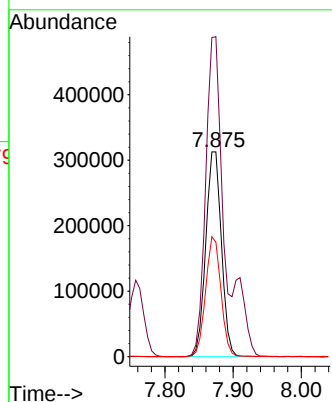
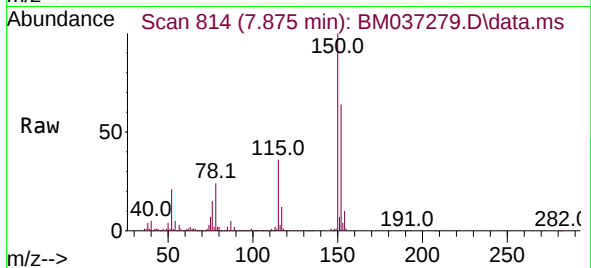
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD

Tgt Ion:152 Resp: 500205
Ion Ratio Lower Upper
152 100
150 156.3 124.8 187.2
115 55.9 47.0 70.4

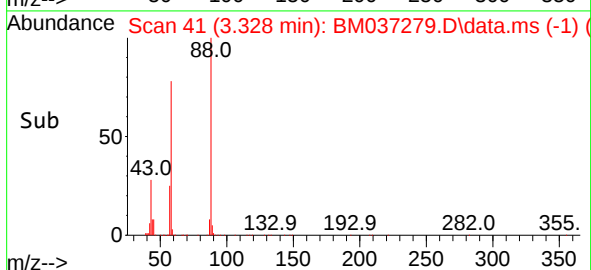
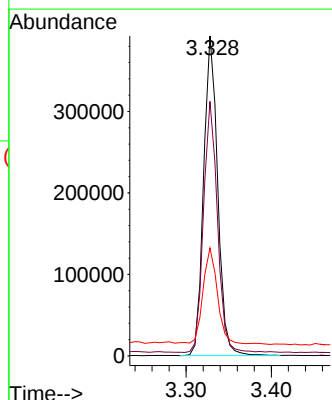
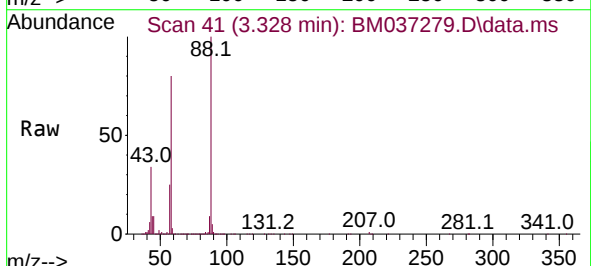
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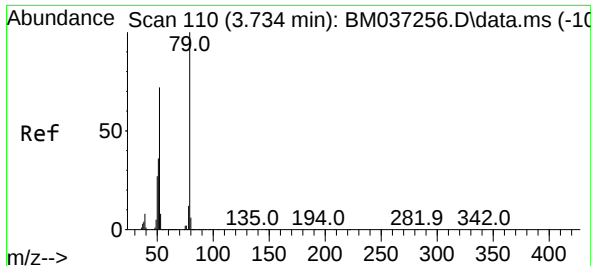
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#2
1,4-Dioxane
Concen: 37.939 ng
RT: 3.328 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

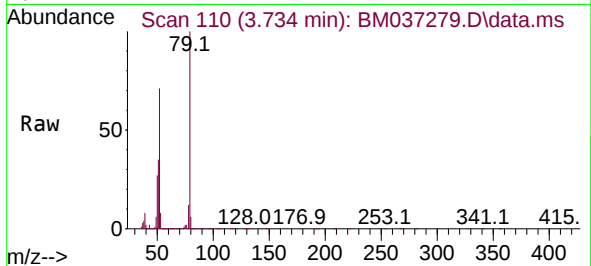
Tgt Ion: 88 Resp: 449802
Ion Ratio Lower Upper
88 100
58 78.3 63.5 95.3
43 30.3 24.2 36.4





#3
Pyridine
Concen: 34.520 ng
RT: 3.734 min Scan# 110
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

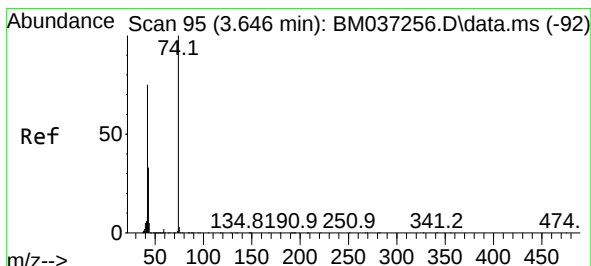
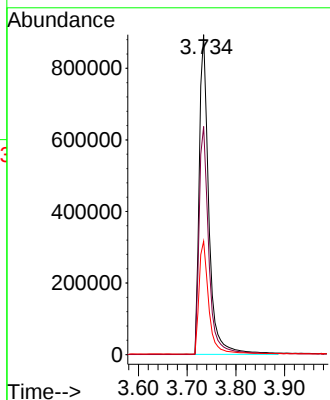
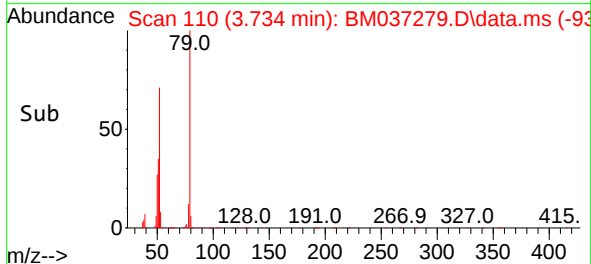
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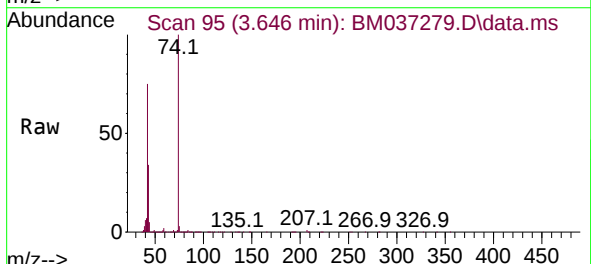
Tgt Ion: 79 Resp: 1219276
Ion Ratio Lower Upper
79 100
52 71.3 57.8 86.6
51 35.4 29.0 43.6

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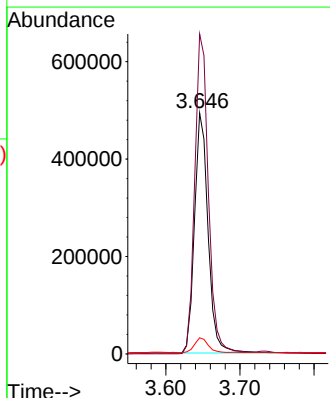
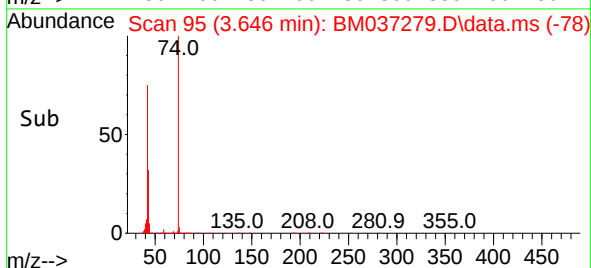
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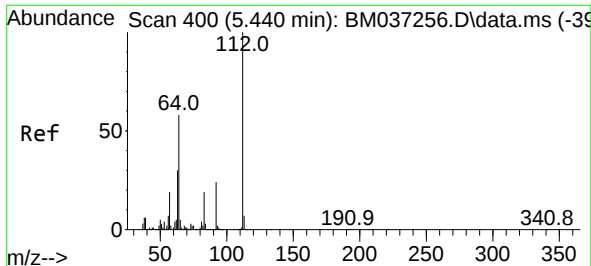


#4
n-Nitrosodimethylamine
Concen: 40.651 ng
RT: 3.646 min Scan# 95
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00



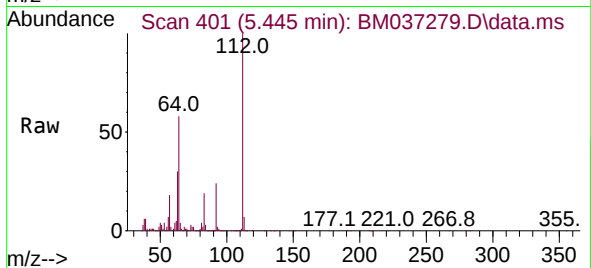
Tgt Ion: 42 Resp: 627583
Ion Ratio Lower Upper
42 100
74 132.8 106.2 159.2
44 6.7 5.4 8.0





#5
2-Fluorophenol
Concen: 130.387 ng
RT: 5.445 min Scan# 400
Delta R.T. 0.005 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

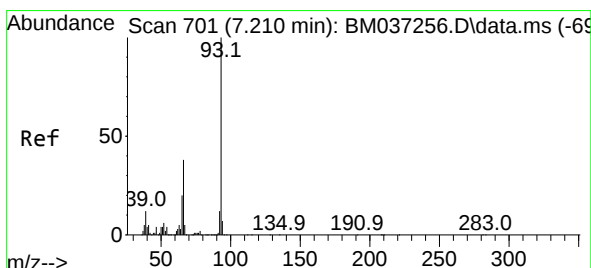
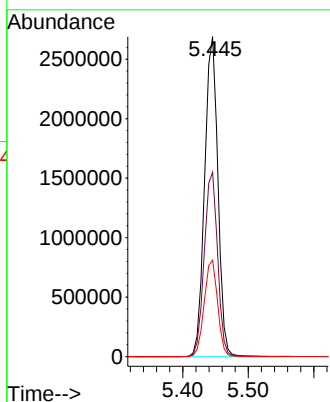
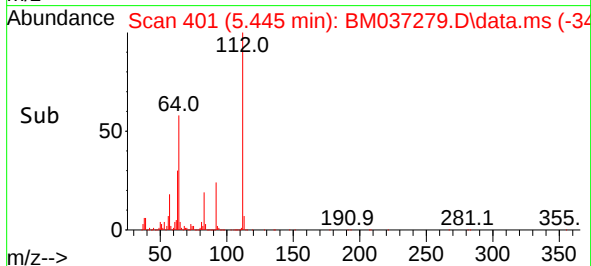
Instrument :
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ClientSampleId :
BACKYARD-BOTTOM-AMSD



Tgt Ion:112 Resp: 377511
Ion Ratio Lower Upper
112 100
64 57.7 46.8 70.2
63 30.2 24.4 36.6

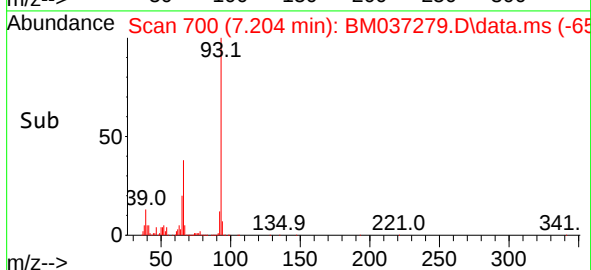
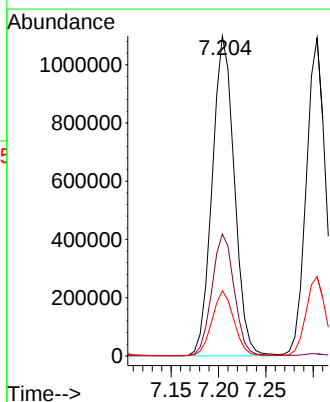
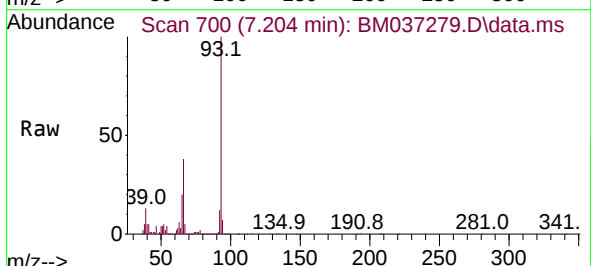
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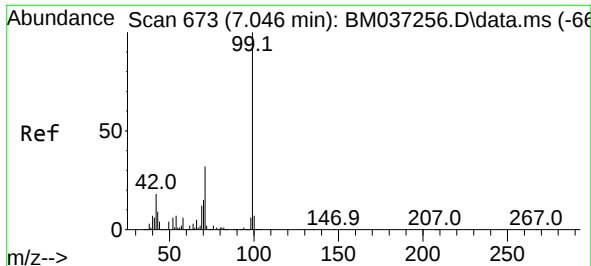
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#6
Aniline
Concen: 37.219 ng
RT: 7.204 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

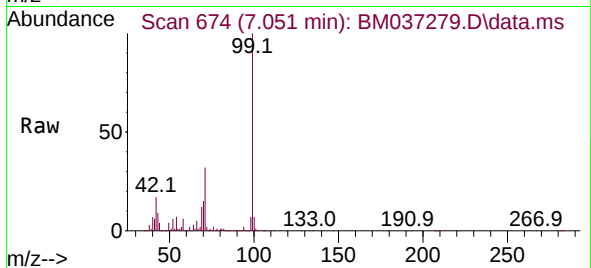
Tgt Ion: 93 Resp: 1787932
Ion Ratio Lower Upper
93 100
66 38.1 30.4 45.6
65 20.4 16.2 24.2





#7
Phenol-d6
Concen: 127.180 ng
RT: 7.051 min Scan# 61
Delta R.T. 0.005 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

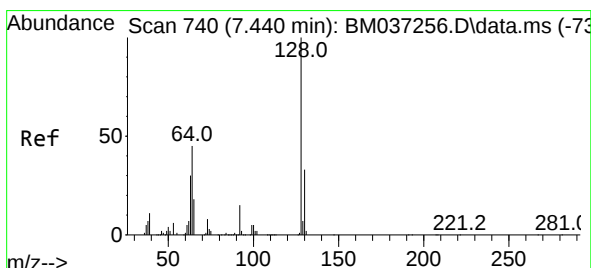
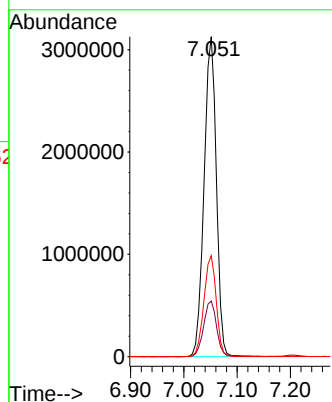
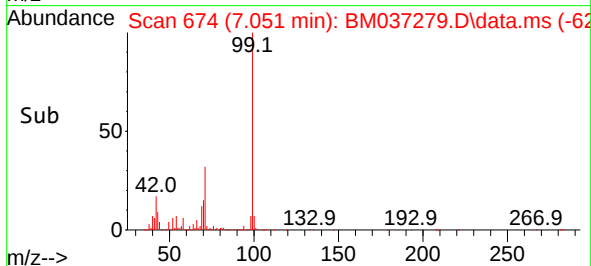
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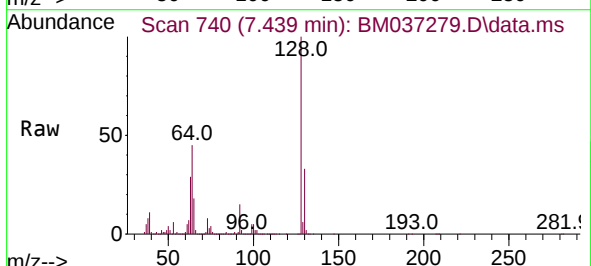
Tgt Ion: 99 Resp: 4997617
Ion Ratio Lower Upper
99 100
42 17.4 14.8 22.2
71 31.5 25.6 38.4

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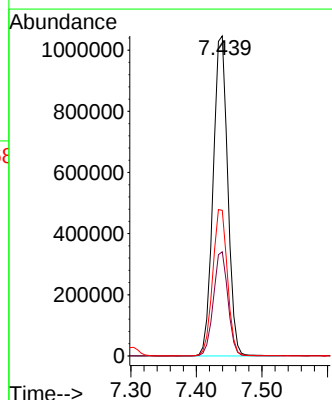
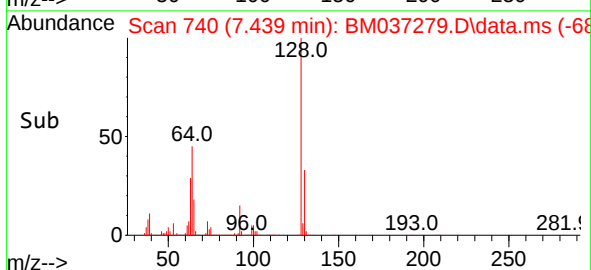
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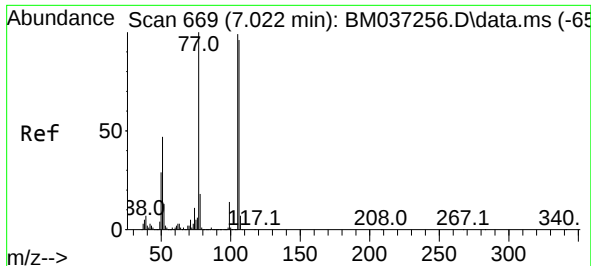


#8
2-Chlorophenol
Concen: 46.021 ng
RT: 7.439 min Scan# 740
Delta R.T. -0.001 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00



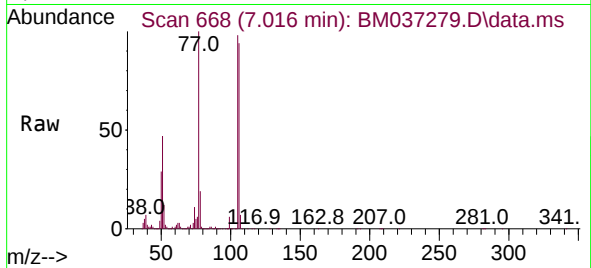
Tgt Ion:128 Resp: 1621717
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 45.5 26.4 66.4





#9
Benzaldehyde
Concen: 34.743 ng
RT: 7.016 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

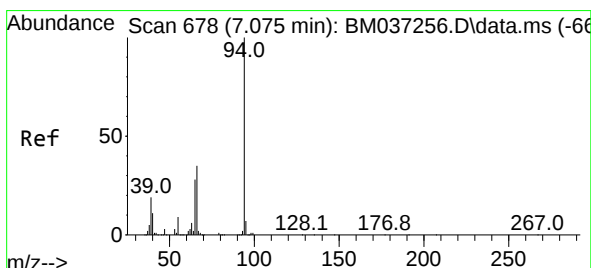
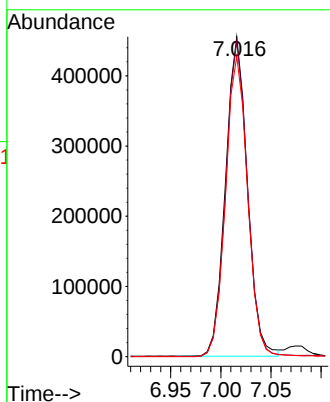
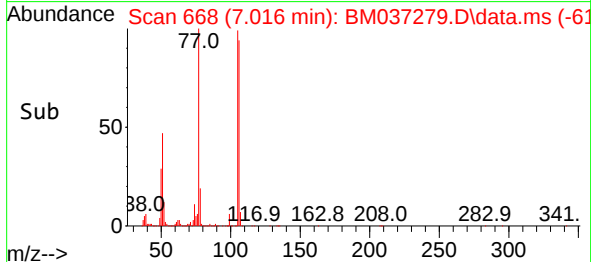
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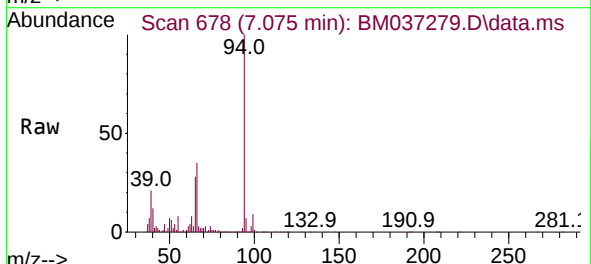
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Ion Ratio Lower Upper
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105 98.4 78.6 118.6
106 93.8 75.8 115.8

Manual Integrations
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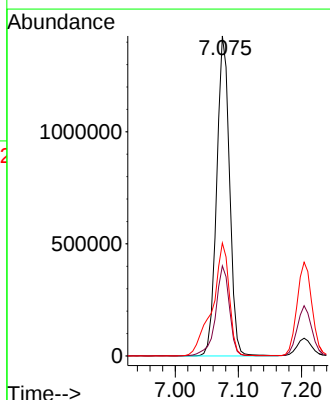
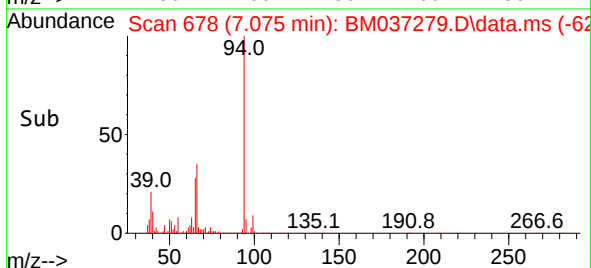
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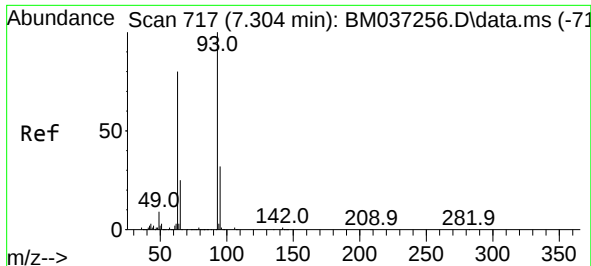


#10
Phenol
Concen: 45.832 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00



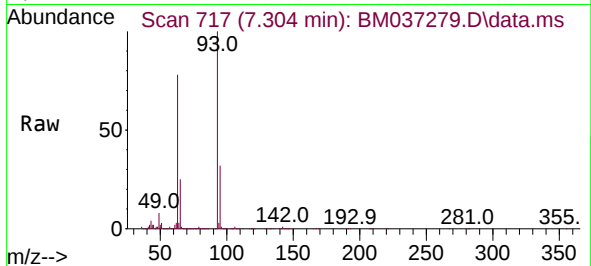
Tgt Ion: 94 Resp: 2018032
Ion Ratio Lower Upper
94 100
65 28.1 8.1 48.1
66 35.3 15.5 55.5





#11
bis(2-Chloroethyl)ether
Concen: 43.750 ng
RT: 7.304 min Scan# 717
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

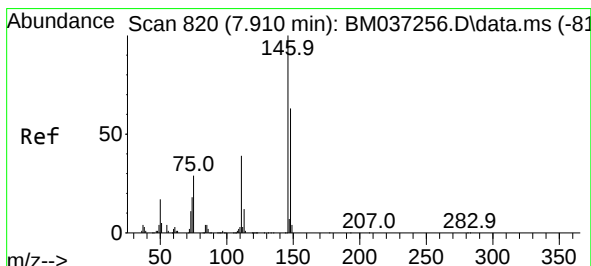
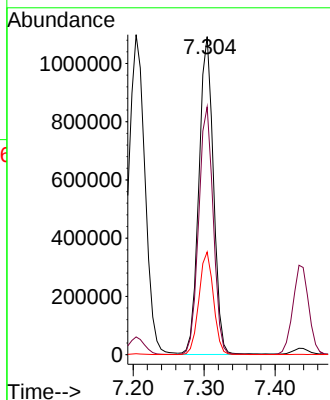
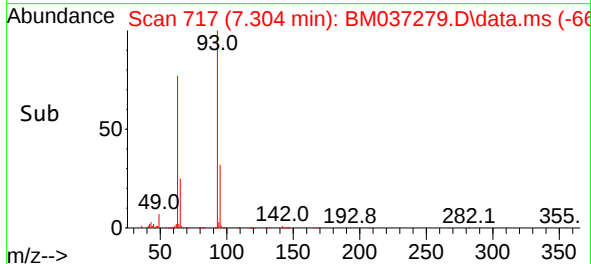
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



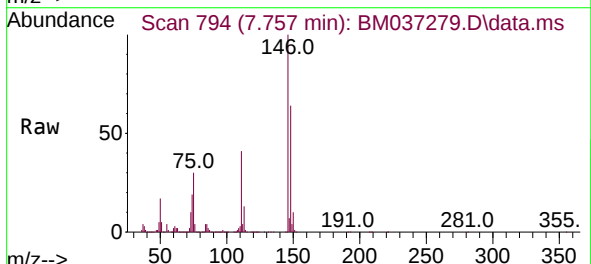
Tgt Ion: 93 Resp: 1544478
Ion Ratio Lower Upper
93 100
63 77.9 59.3 99.3
95 32.3 12.0 52.0

Manual Integrations
APPROVED

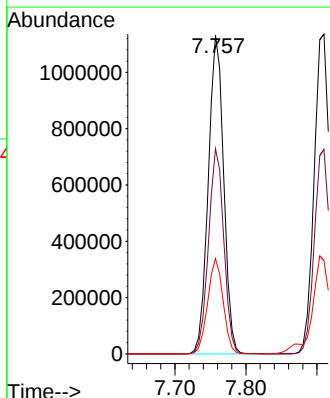
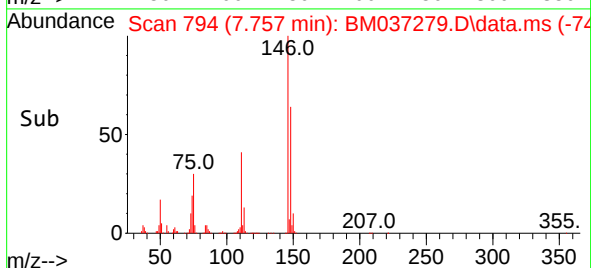
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

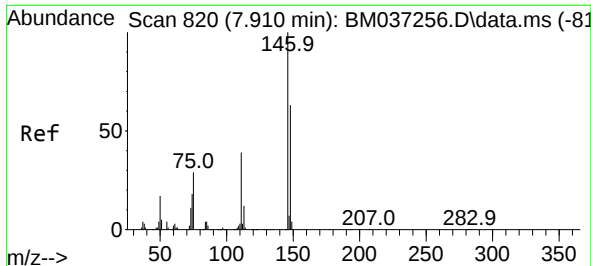


#12
1,3-Dichlorobenzene
Concen: 44.295 ng
RT: 7.757 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00



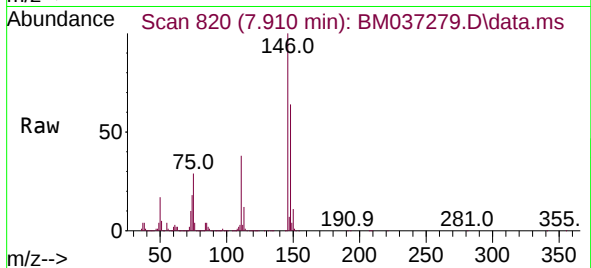
Tgt Ion:146 Resp: 1705641
Ion Ratio Lower Upper
146 100
148 64.4 50.5 75.7
75 29.9 24.5 36.7





#13
1,4-Dichlorobenzene
Concen: 43.962 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

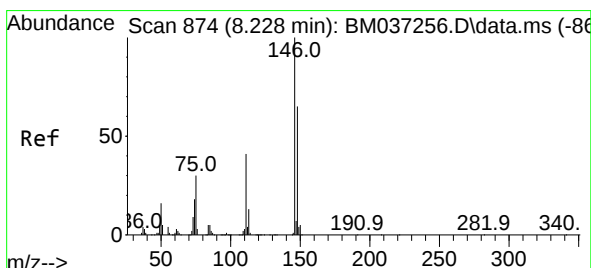
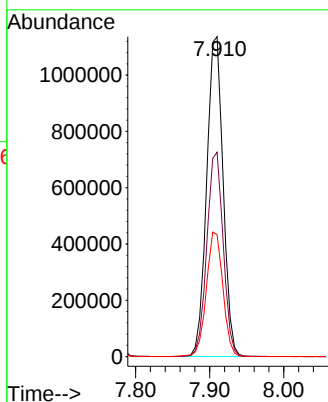
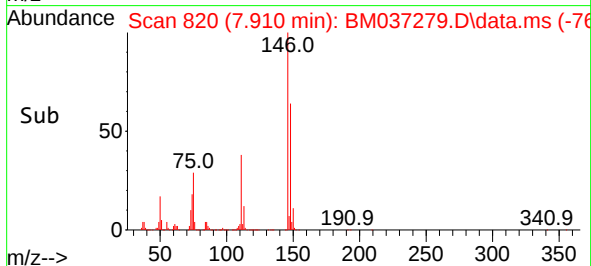
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



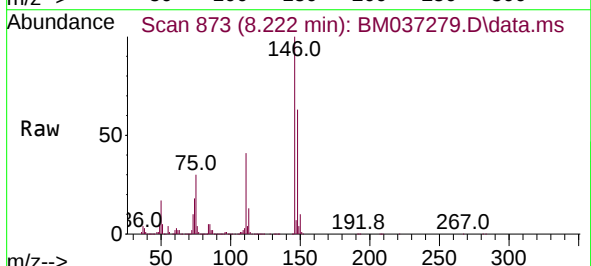
Tgt Ion:146 Resp: 1746196
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 38.1 31.1 46.7

Manual Integrations
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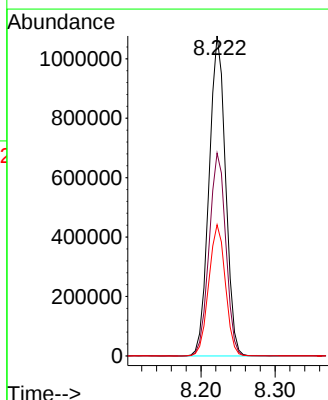
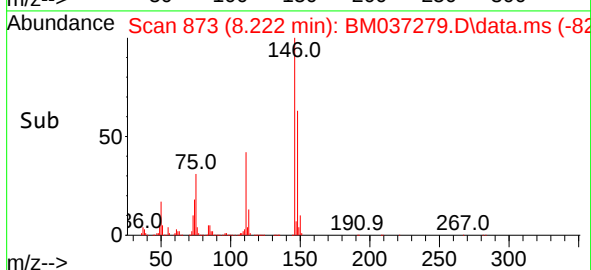
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

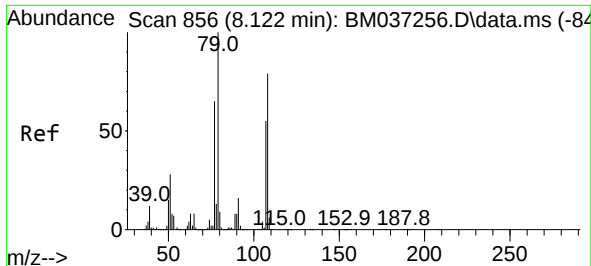


#14
1,2-Dichlorobenzene
Concen: 43.748 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00



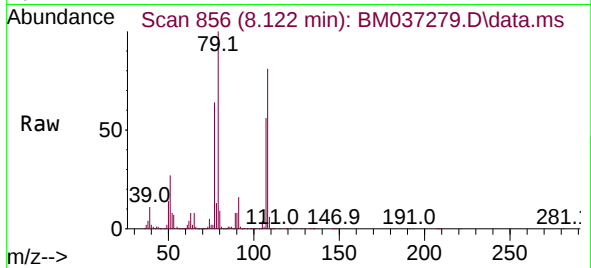
Tgt Ion:146 Resp: 1668893
Ion Ratio Lower Upper
146 100
148 63.4 52.4 78.6
111 41.0 33.0 49.6





#15
Benzyl Alcohol
Concen: 44.945 ng m
RT: 8.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

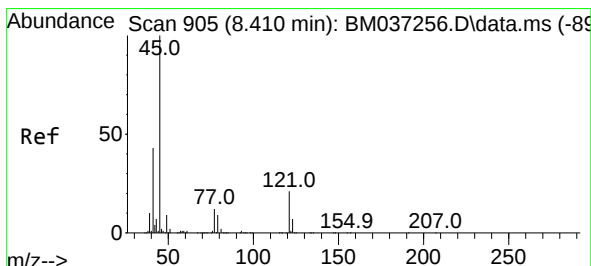
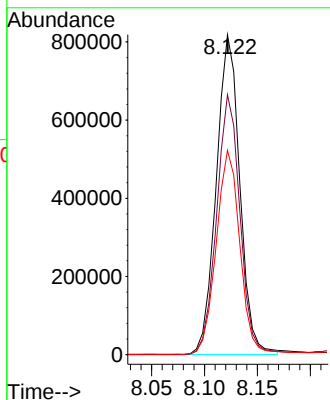
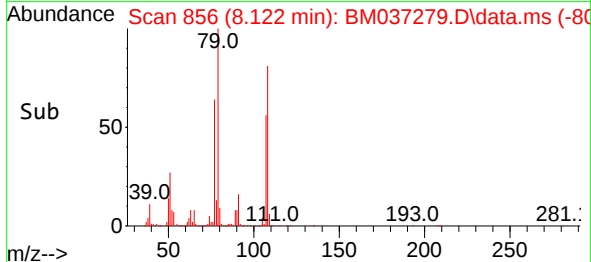
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



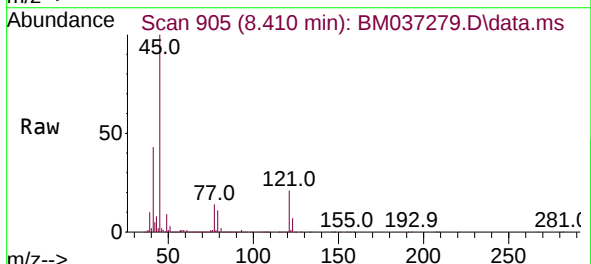
Tgt Ion: 79 Resp: 1262676
Ion Ratio Lower Upper
79 100
108 81.2 63.1 94.7
77 63.8 51.7 77.5

Manual Integrations
APPROVED

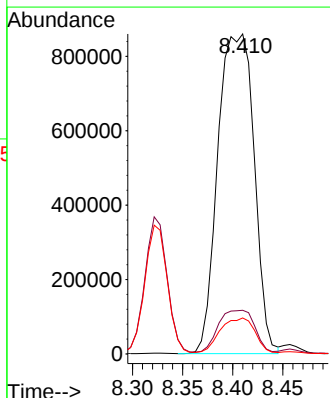
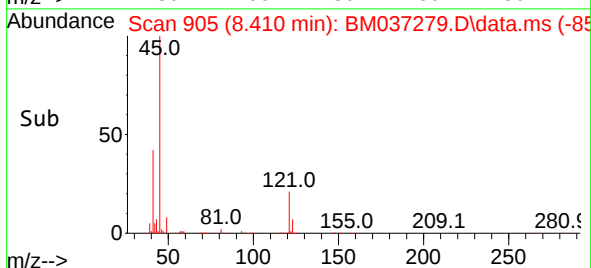
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

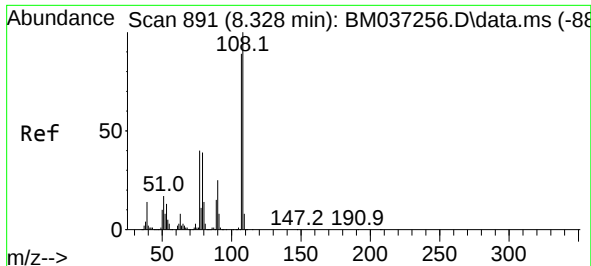


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.952 ng
RT: 8.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00



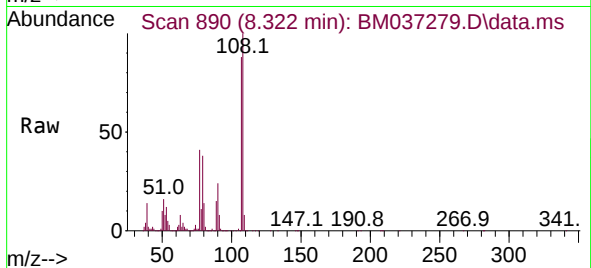
Tgt Ion: 45 Resp: 2161693
Ion Ratio Lower Upper
45 100
77 13.6 0.0 34.0
79 11.2 0.0 30.6





#17
2-Methylphenol
Concen: 43.644 ng
RT: 8.322 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

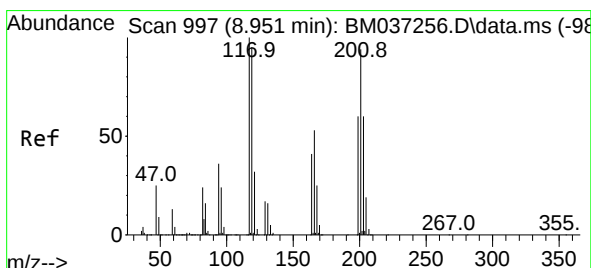
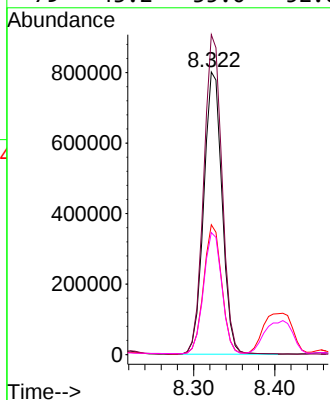
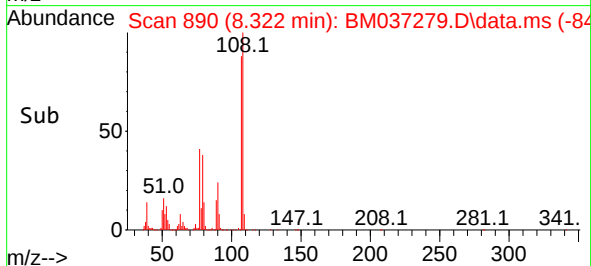
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



Tgt Ion:107 Resp: 125585
Ion Ratio Lower Upper
107 100
108 113.2 89.5 134.3
77 46.0 36.2 54.2
79 43.2 35.0 52.6

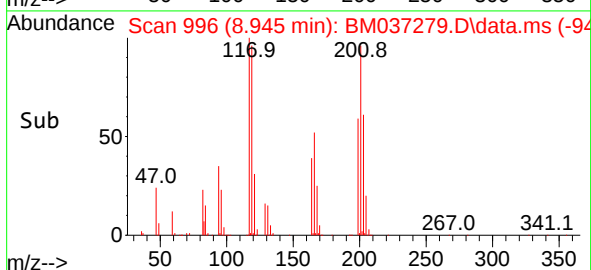
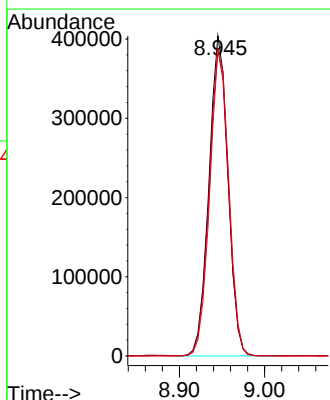
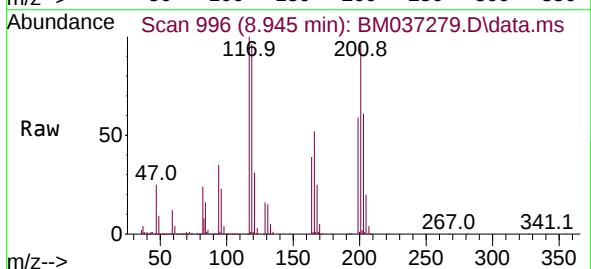
Manual Integrations
APPROVED

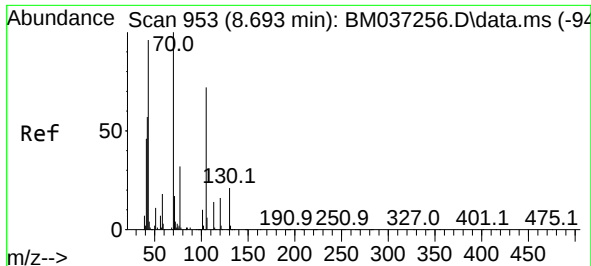
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#18
Hexachloroethane
Concen: 44.926 ng
RT: 8.945 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

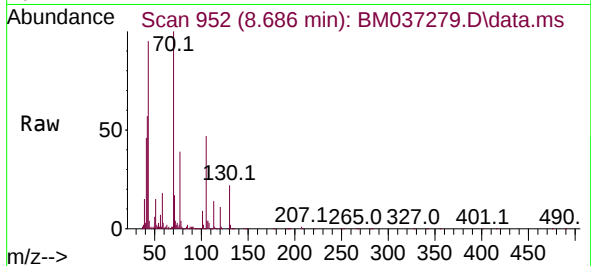
Tgt Ion:117 Resp: 629316
Ion Ratio Lower Upper
117 100
119 95.8 75.9 113.9
201 95.5 75.0 112.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.086 ng
RT: 8.686 min Scan# 952
Delta R.T. -0.007 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

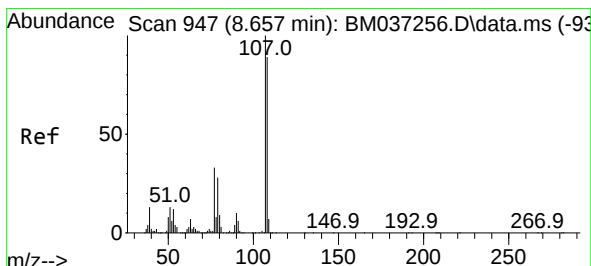
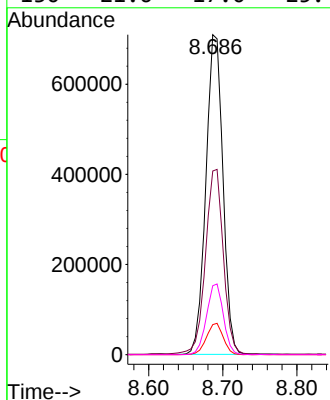
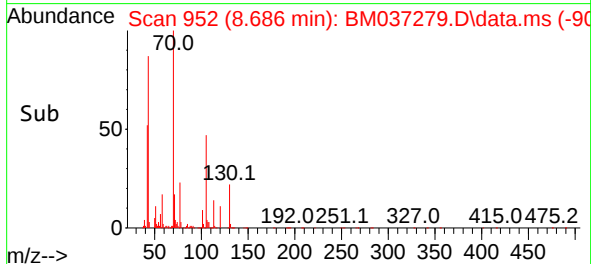
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



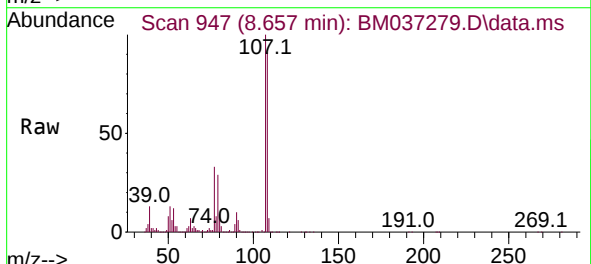
Tgt Ion: 70 Resp: 1133659
Ion Ratio Lower Upper
70 100
42 57.4 46.4 69.6
101 9.4 7.8 11.8
130 21.6 17.0 25.4

Manual Integrations
APPROVED

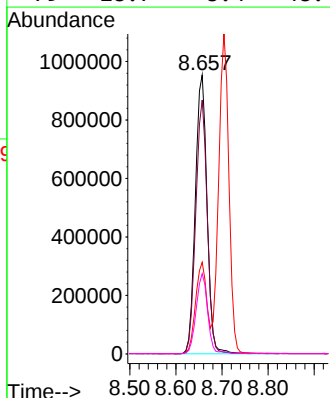
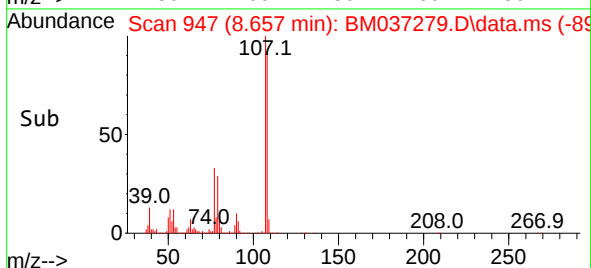
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

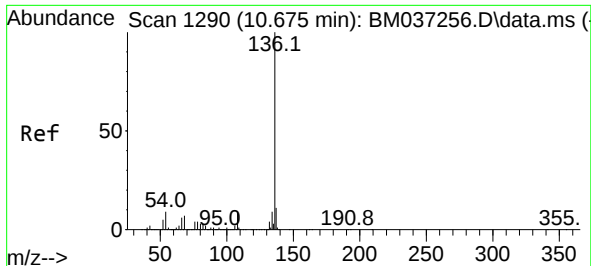


#20
3+4-Methylphenols
Concen: 42.395 ng
RT: 8.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00



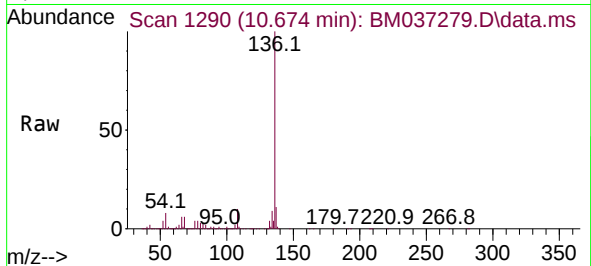
Tgt Ion:107 Resp: 1675630
Ion Ratio Lower Upper
107 100
108 91.0 69.4 109.4
77 32.9 12.8 52.8
79 28.7 8.4 48.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.674 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

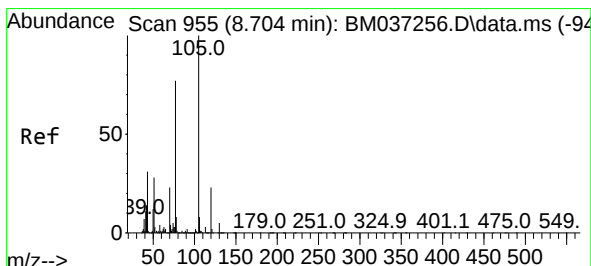
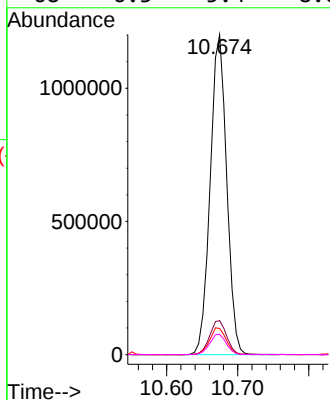
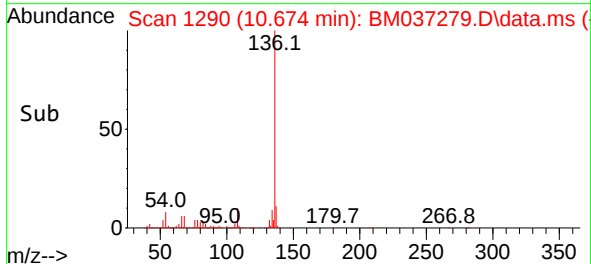
Instrument : BNA_M
ClientSampleId : BACKYARD-BOTTOM-AMSD



Tgt Ion:136 Resp: 1937492
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.2 7.0 10.4
68 6.3 5.4 8.0

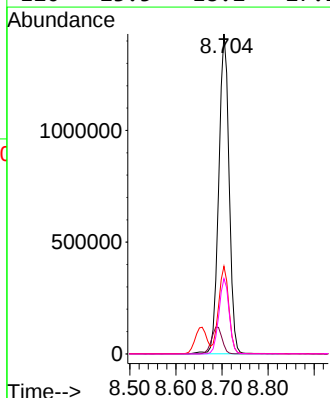
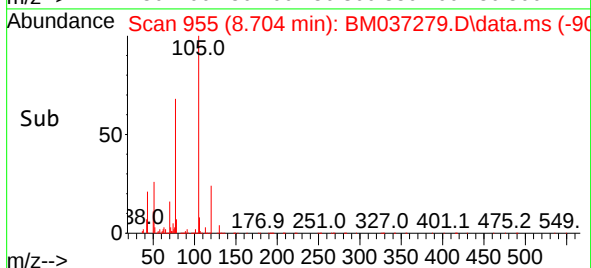
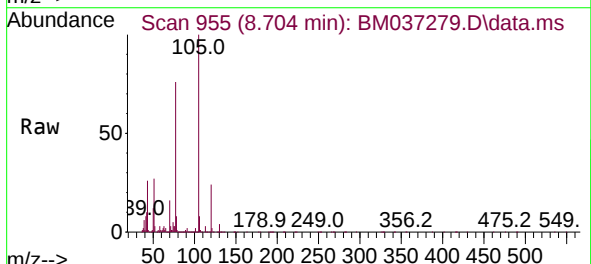
Manual Integrations
APPROVED

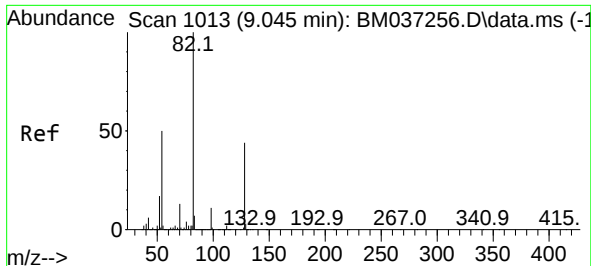
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#22
Acetophenone
Concen: 44.651 ng
RT: 8.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

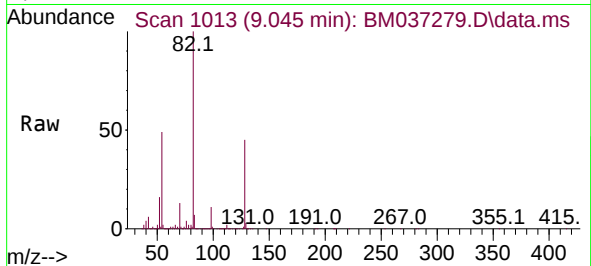
Tgt Ion:105 Resp: 2248578
Ion Ratio Lower Upper
105 100
71 2.9 3.0 4.4#
51 27.4 22.1 33.1
120 23.5 18.2 27.2





#23
Nitrobenzene-d5
Concen: 76.381 ng
RT: 9.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

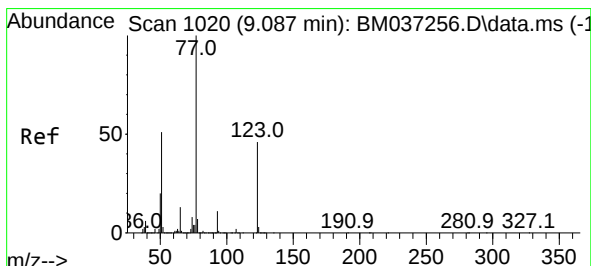
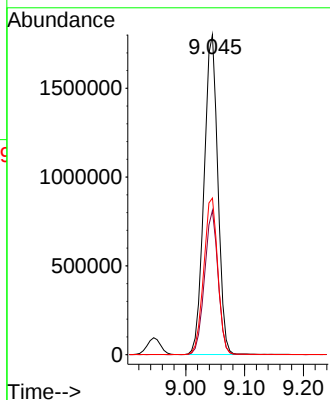
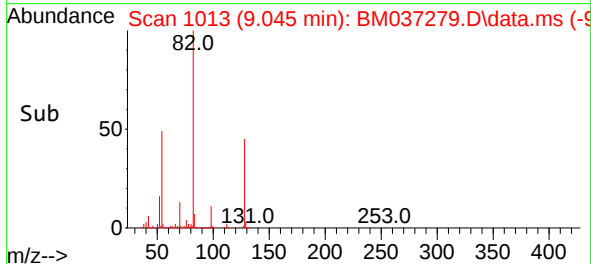
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



Tgt Ion: 82 Resp: 2933201
Ion Ratio Lower Upper
82 100
128 45.0 35.2 52.8
54 48.9 40.4 60.6

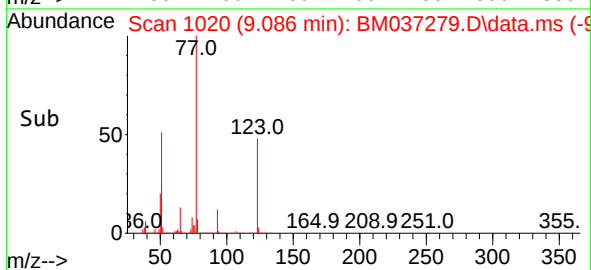
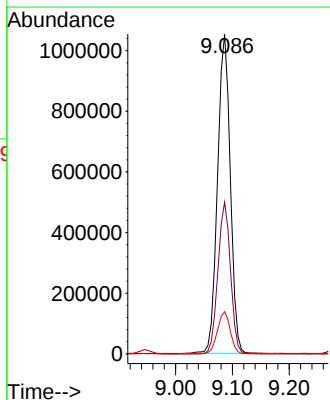
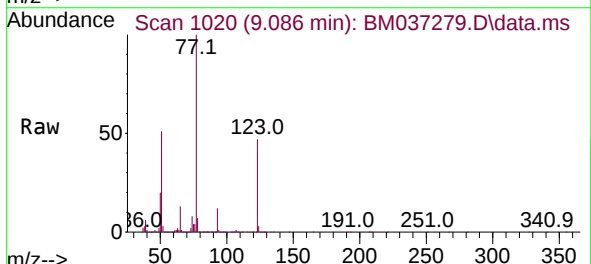
Manual Integrations
APPROVED

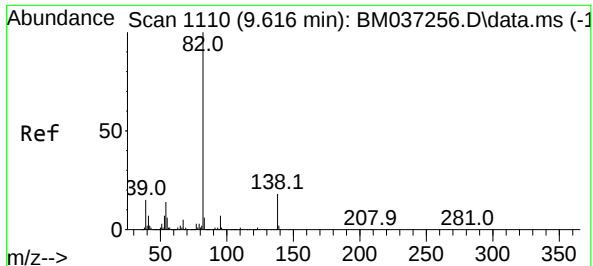
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#24
Nitrobenzene
Concen: 42.112 ng
RT: 9.086 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

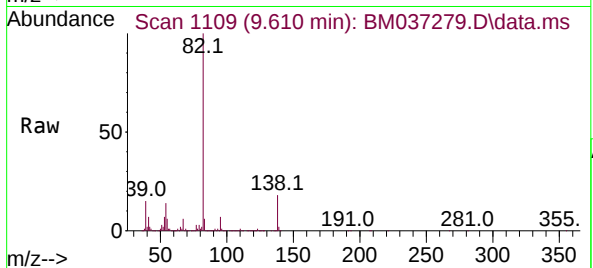
Tgt Ion: 77 Resp: 1639560
Ion Ratio Lower Upper
77 100
123 47.4 36.6 55.0
65 13.2 10.6 16.0





#25
Isophorone
Concen: 45.706 ng
RT: 9.610 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

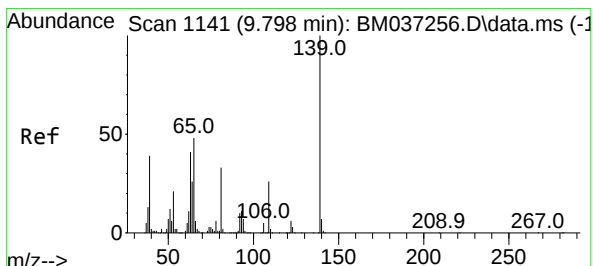
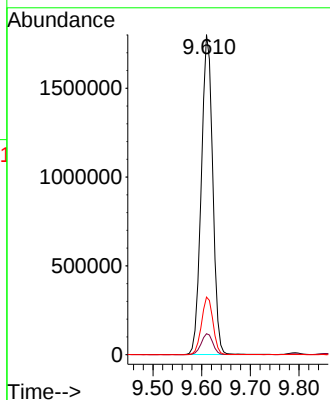
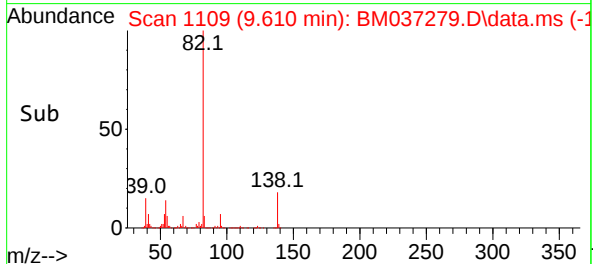
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



Tgt Ion: 82 Resp: 293351
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.0
138 18.0 14.2 21.4

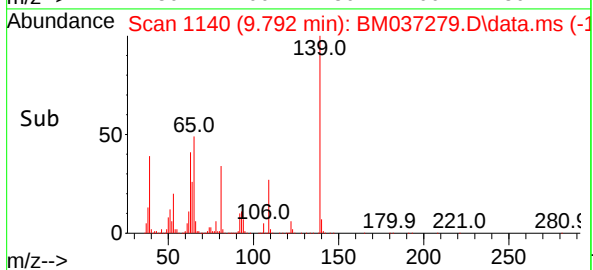
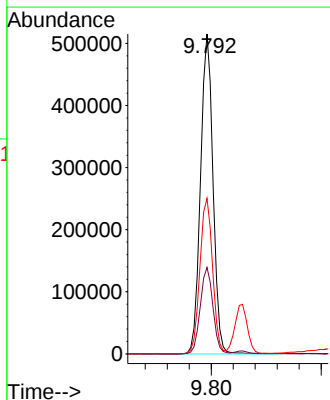
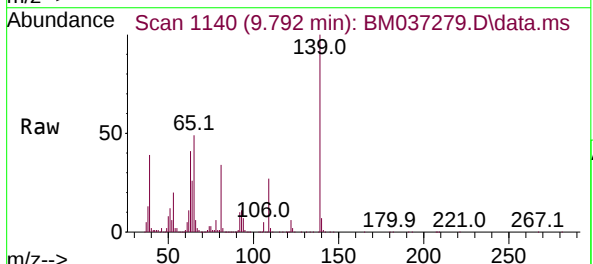
Manual Integrations
APPROVED

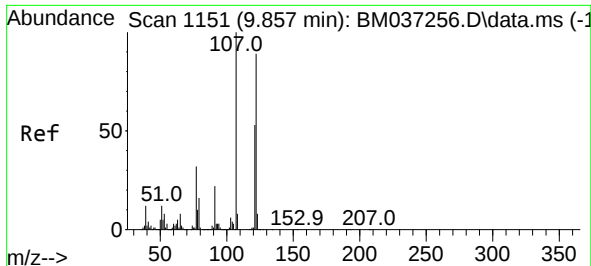
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#26
2-Nitrophenol
Concen: 46.522 ng
RT: 9.792 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

Tgt Ion:139 Resp: 810852
Ion Ratio Lower Upper
139 100
109 27.0 21.1 31.7
65 48.6 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 47.862 ng

RT: 9.857 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BM037279.D

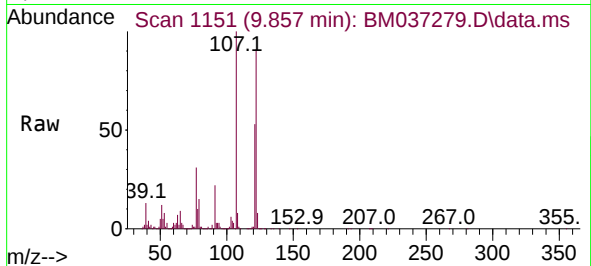
Acq: 29 Oct 2022 20:00

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMSD



Tgt Ion:122 Resp: 1238048

Ion Ratio Lower Upper

122 100

107 110.3 89.7 134.5

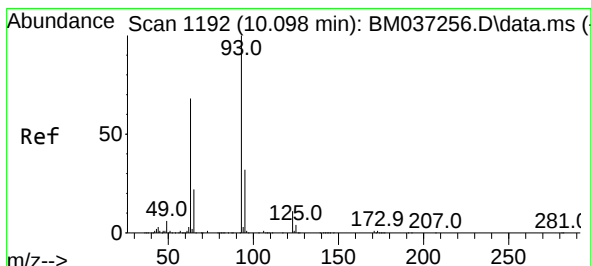
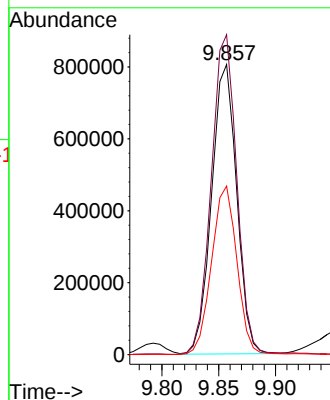
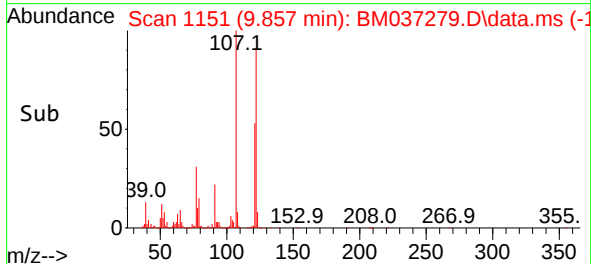
121 58.1 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.963 ng

RT: 10.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BM037279.D

Acq: 29 Oct 2022 20:00

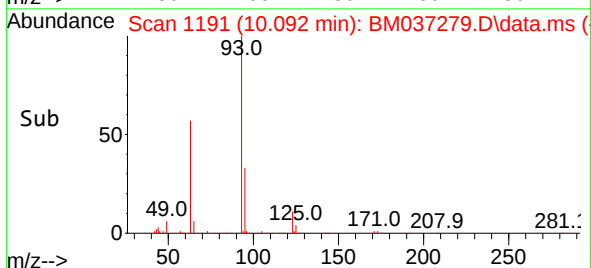
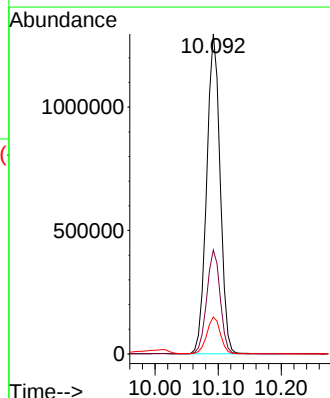
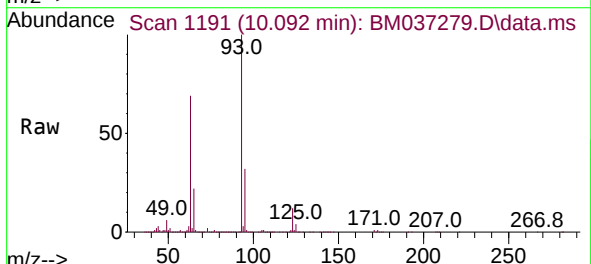
Tgt Ion: 93 Resp: 1915294

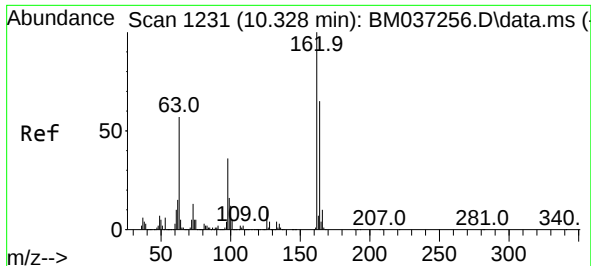
Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.8

123 11.5 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 45.165 ng

RT: 10.327 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BM037279.D

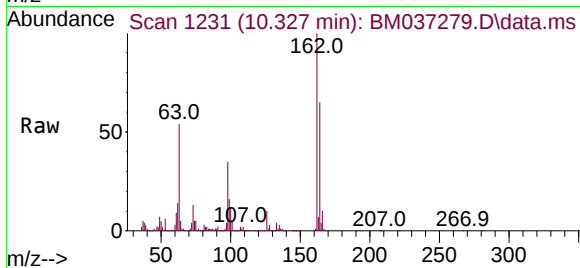
Acq: 29 Oct 2022 20:00

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMSD



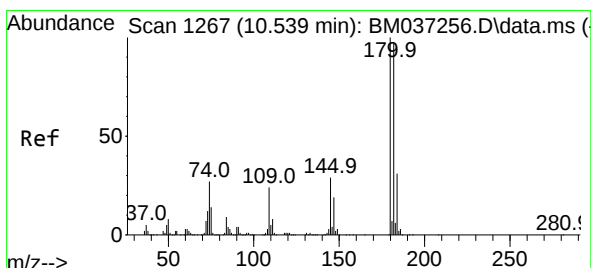
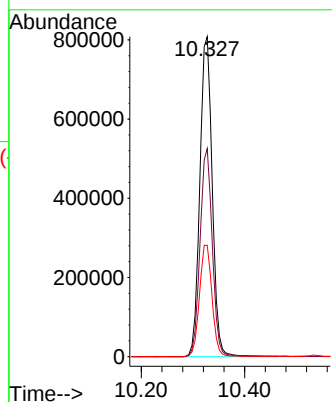
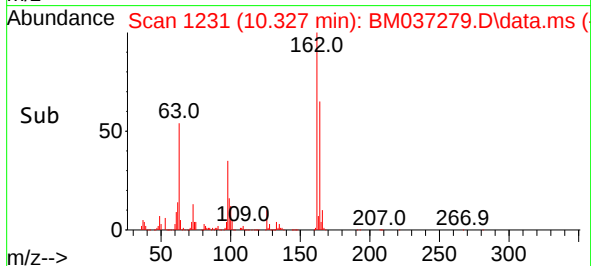
Tgt Ion:162 Resp: 1341091

Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.0	85.0
98	34.8	16.2	56.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.160 ng

RT: 10.533 min Scan# 1266

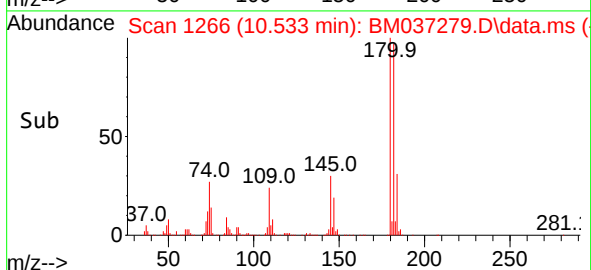
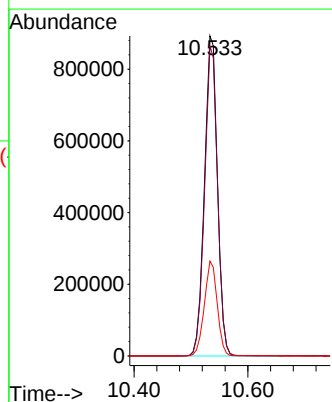
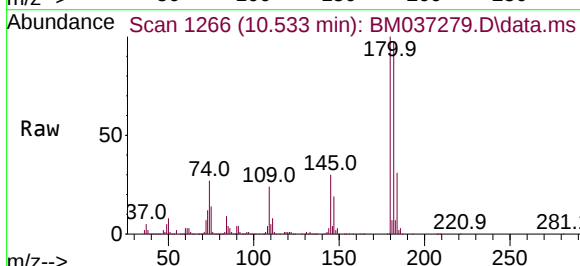
Delta R.T. -0.006 min

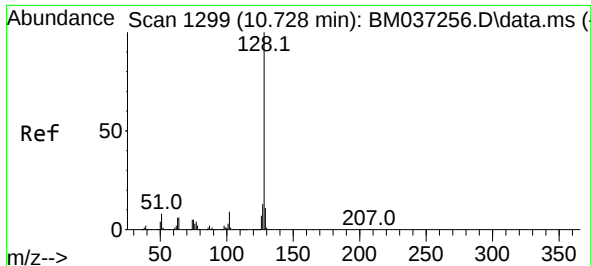
Lab File: BM037279.D

Acq: 29 Oct 2022 20:00

Tgt Ion:180 Resp: 1419603

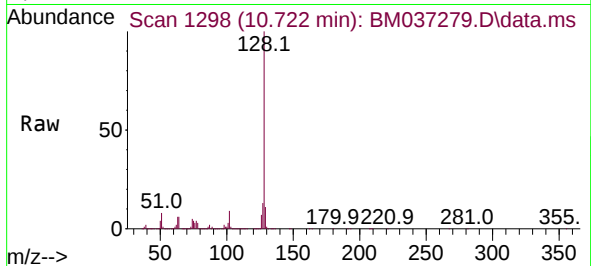
Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.5	116.3
145	29.6	23.5	35.3





#31
Naphthalene
Concen: 41.361 ng
RT: 10.722 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

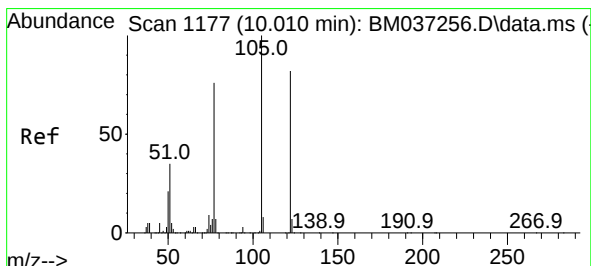
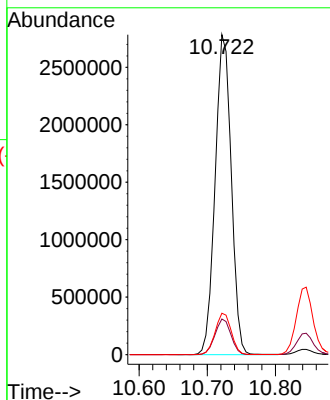
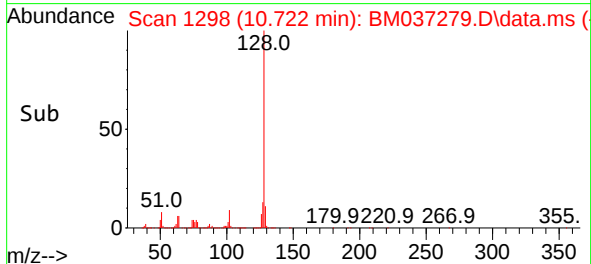
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



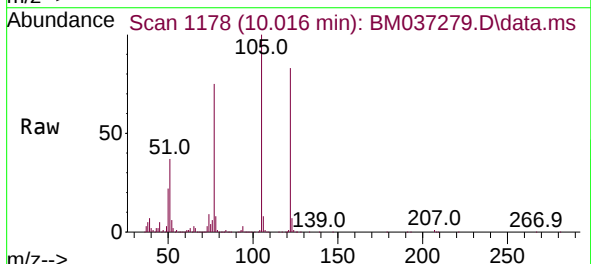
Tgt Ion:128 Resp: 4540175
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.9 10.2 15.2

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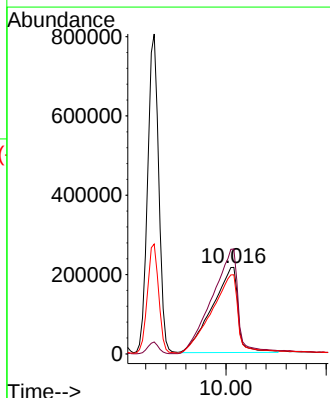
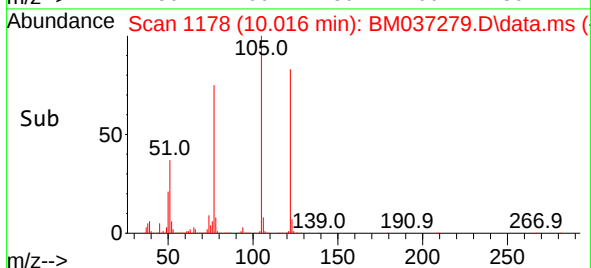
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

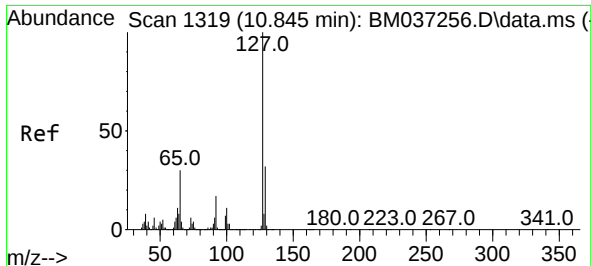


#32
Benzoic acid
Concen: 35.073 ng
RT: 10.016 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00



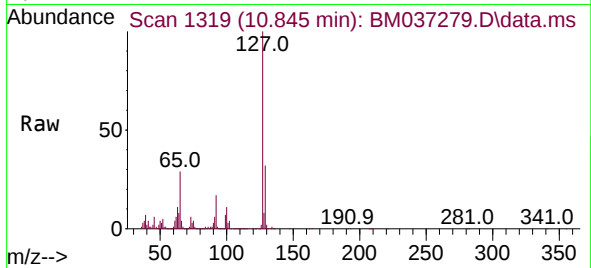
Tgt Ion:122 Resp: 773897
Ion Ratio Lower Upper
122 100
105 121.2 100.1 140.1
77 91.4 71.7 111.7





#33
4-Chloroaniline
Concen: 23.583 ng
RT: 10.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

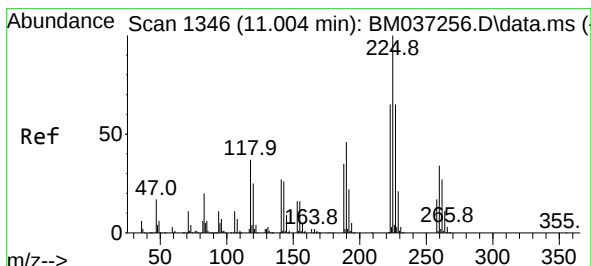
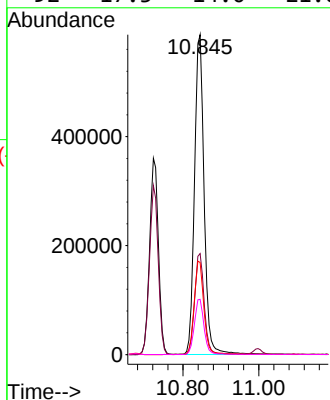
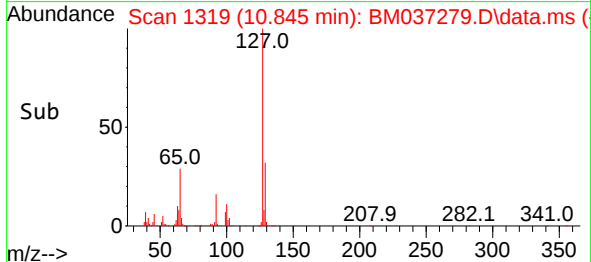
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



Tgt Ion:127 Resp: 1031168
Ion Ratio Lower Upper
127 100
129 31.6 25.5 38.3
65 28.8 24.0 36.0
92 17.3 14.0 21.0

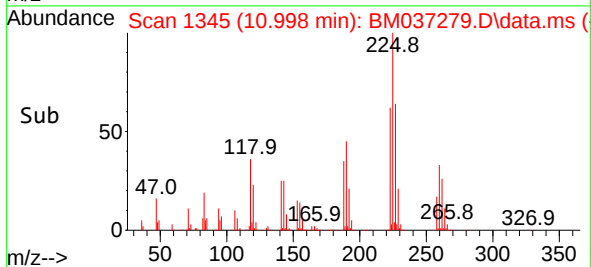
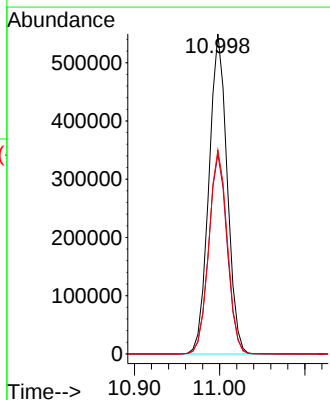
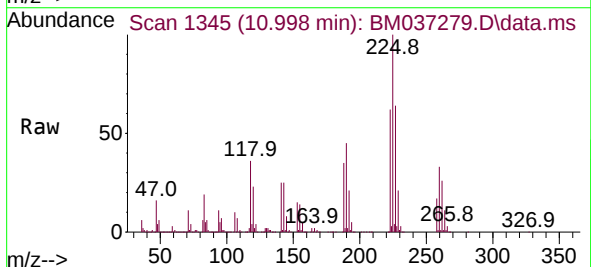
Manual Integrations
APPROVED

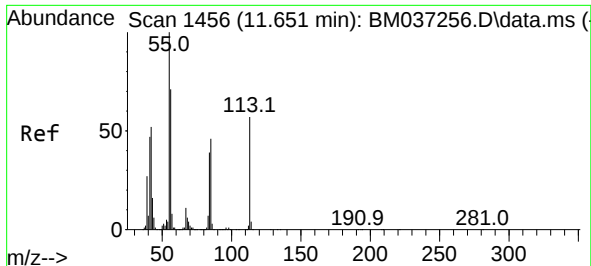
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#34
Hexachlorobutadiene
Concen: 43.423 ng
RT: 10.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

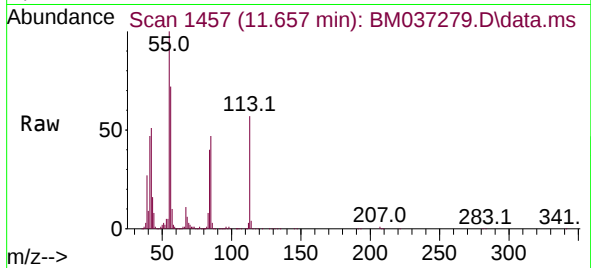
Tgt Ion:225 Resp: 816450
Ion Ratio Lower Upper
225 100
223 62.5 51.9 77.9
227 63.7 52.2 78.4





#35
Caprolactam
Concen: 40.758 ng
RT: 11.657 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

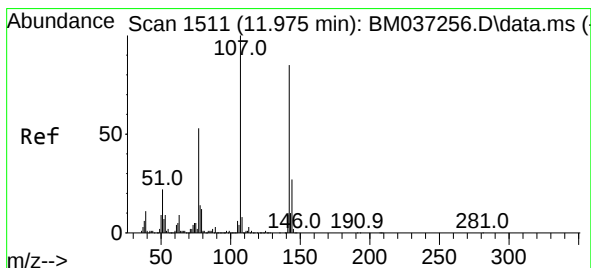
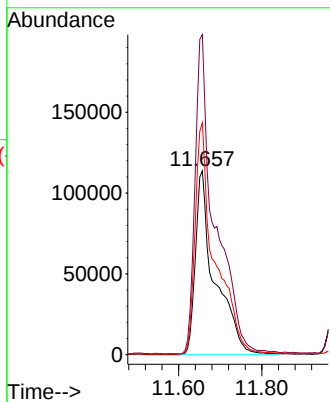
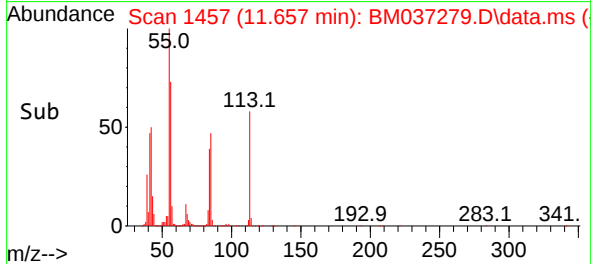
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



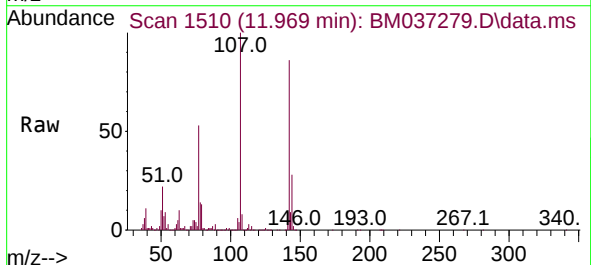
Tgt Ion:113 Resp: 367921
Ion Ratio Lower Upper
113 100
55 174.1 156.9 196.9
56 126.1 106.4 146.4

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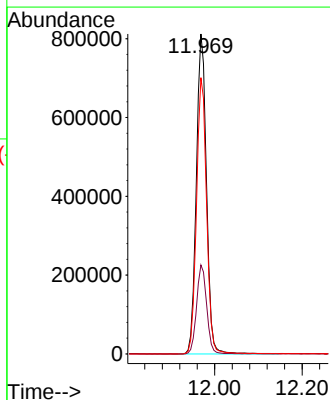
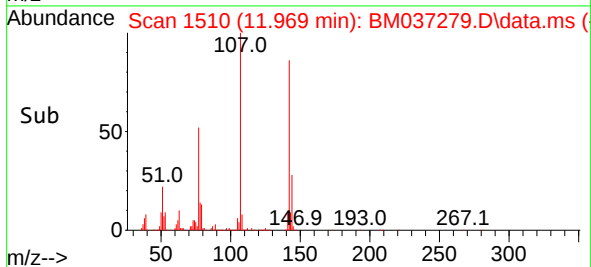
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

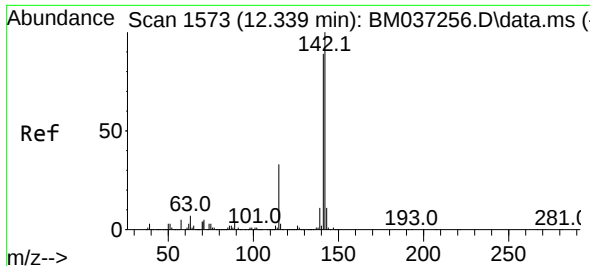


#36
4-Chloro-3-methylphenol
Concen: 42.587 ng
RT: 11.969 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00



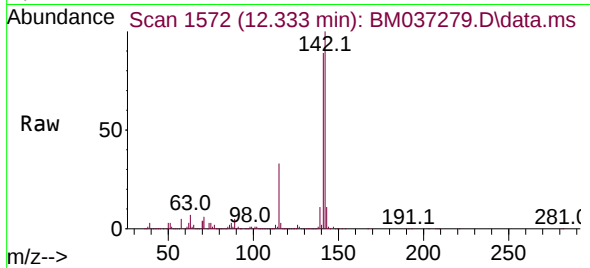
Tgt Ion:107 Resp: 1303145
Ion Ratio Lower Upper
107 100
144 27.8 21.8 32.6
142 86.3 68.1 102.1





#37
2-Methylnaphthalene
Concen: 41.642 ng
RT: 12.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

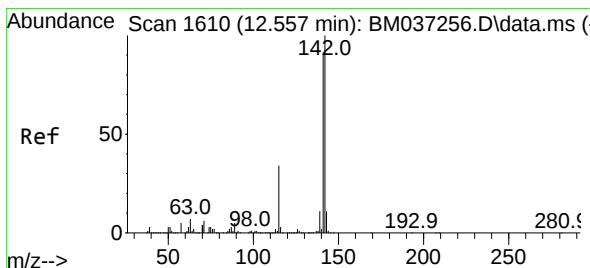
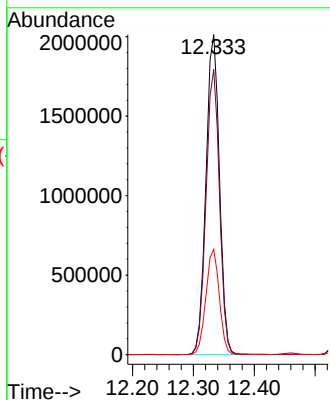
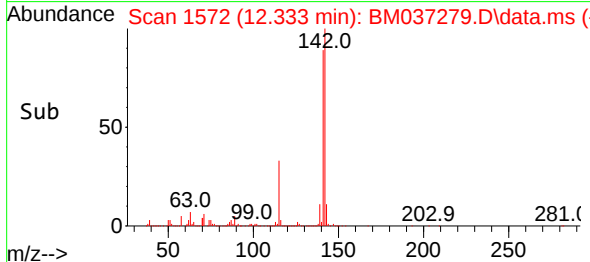
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



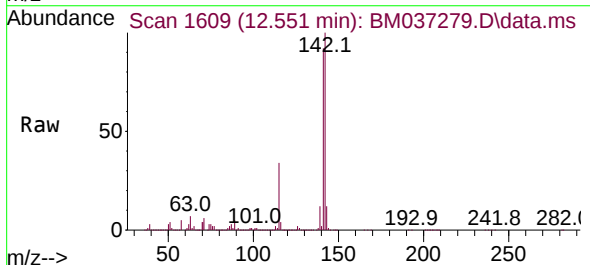
Tgt Ion:142 Resp: 3097005
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 32.9 26.0 39.0

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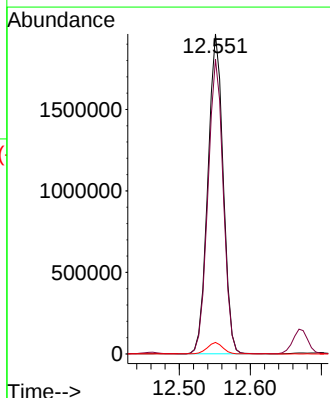
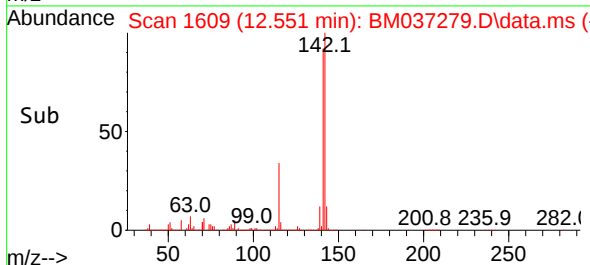
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

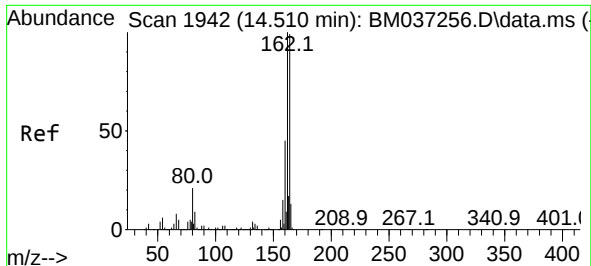


#38
1-Methylnaphthalene
Concen: 40.363 ng
RT: 12.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00



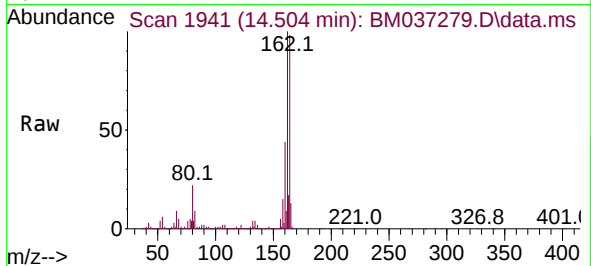
Tgt Ion:142 Resp: 2933170
Ion Ratio Lower Upper
142 100
141 92.1 73.0 109.6
116 3.6 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

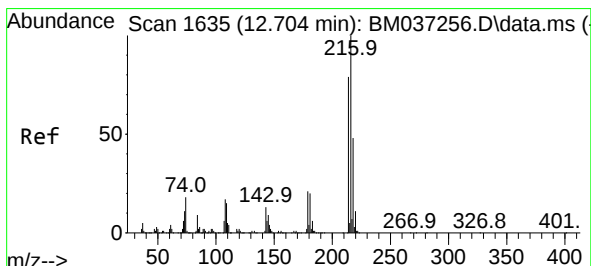
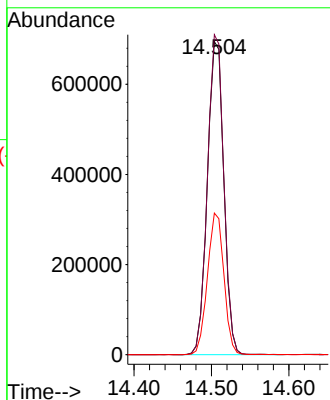
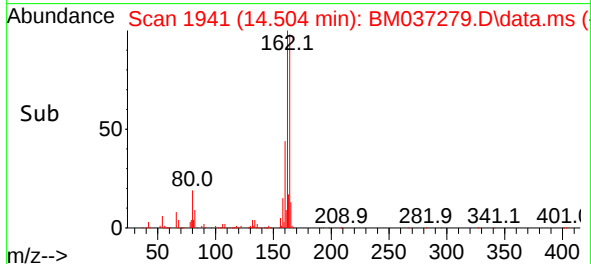
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



Tgt Ion:164 Resp: 1024297
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 45.2 36.2 54.4

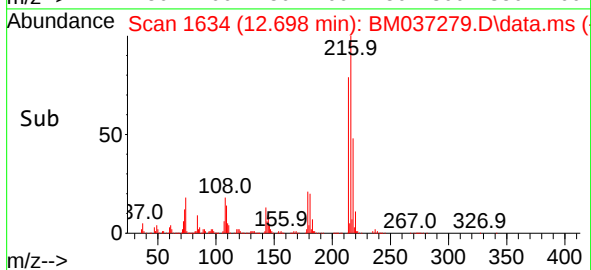
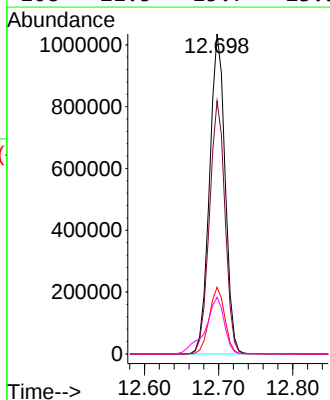
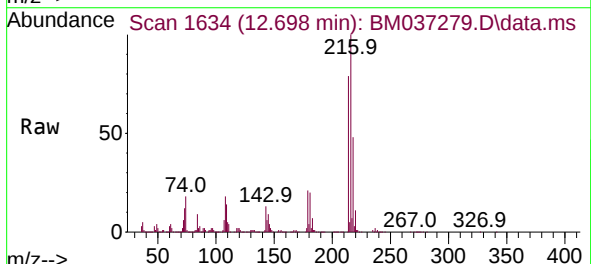
Manual Integrations
APPROVED

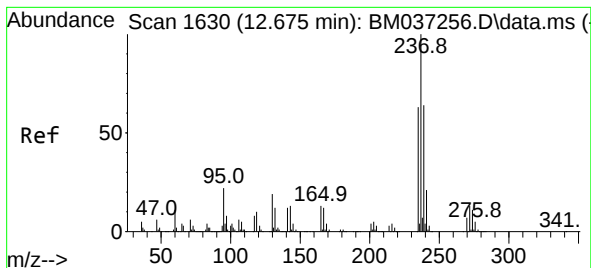
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.988 ng
RT: 12.698 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

Tgt Ion:216 Resp: 1508706
Ion Ratio Lower Upper
216 100
214 79.1 63.1 94.7
179 20.7 16.8 25.2
108 21.5 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 120.268 ng

RT: 12.674 min Scan# 1630

Delta R.T. -0.001 min

Lab File: BM037279.D

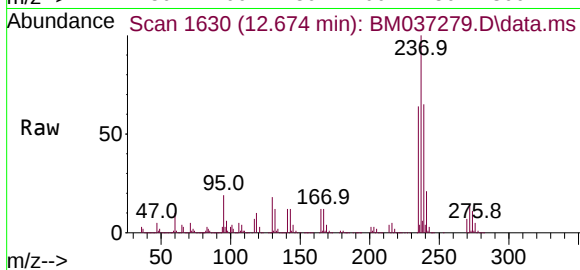
Acq: 29 Oct 2022 20:00

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMSD



Tgt Ion:237 Resp: 1764746

Ion Ratio Lower Upper

237 100

235 63.6 42.9 82.9

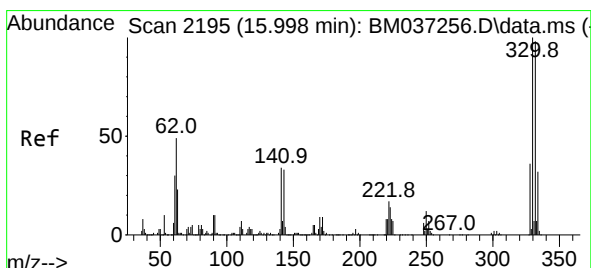
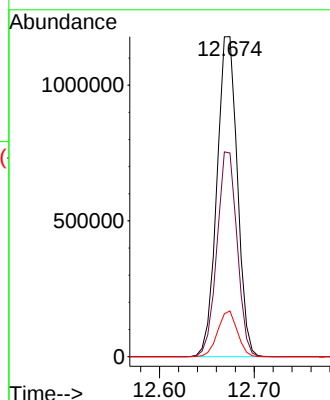
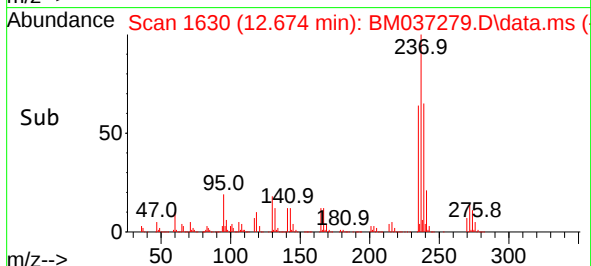
272 14.3 0.0 33.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#42

2,4,6-Tribromophenol

Concen: 120.042 ng

RT: 15.998 min Scan# 2195

Delta R.T. -0.000 min

Lab File: BM037279.D

Acq: 29 Oct 2022 20:00

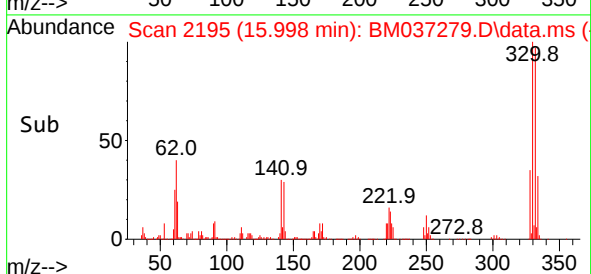
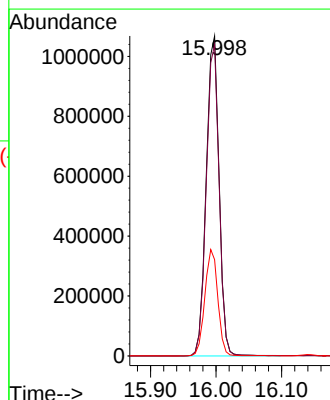
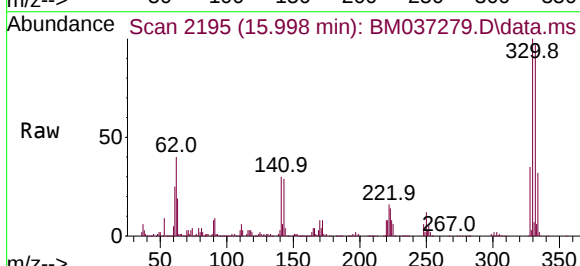
Tgt Ion:330 Resp: 1449027

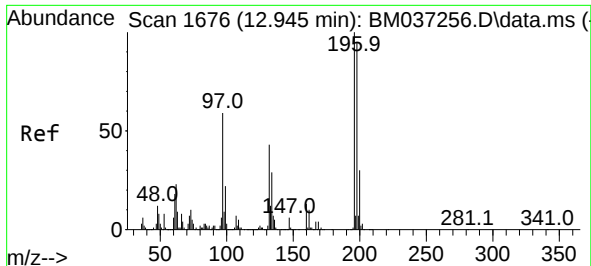
Ion Ratio Lower Upper

330 100

332 97.2 78.0 117.0

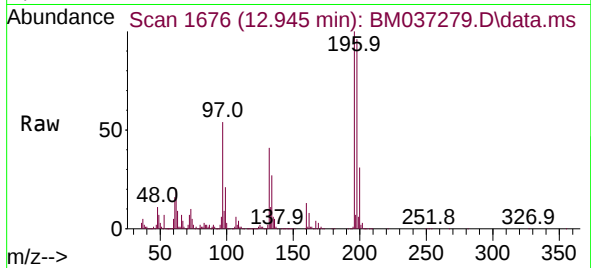
141 33.5 27.5 41.3





#43
2,4,6-Trichlorophenol
Concen: 46.183 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

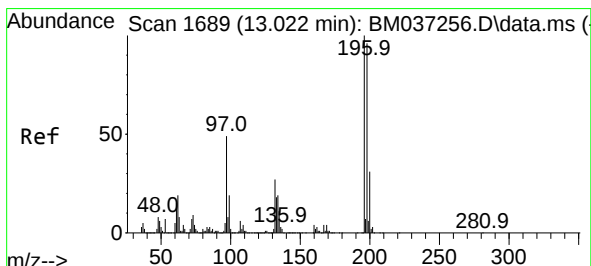
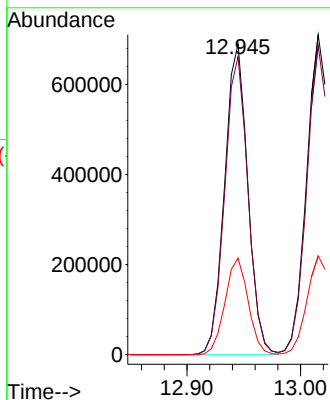
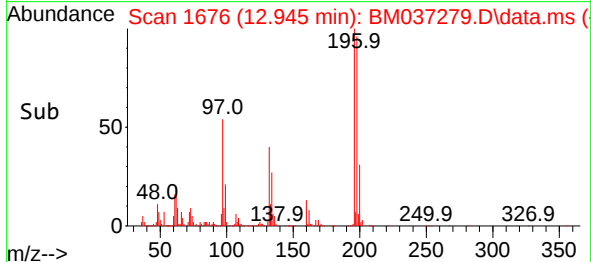
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



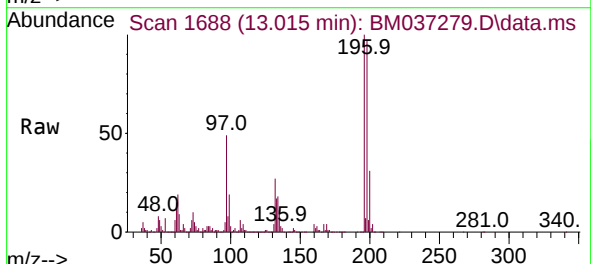
Tgt Ion:196 Resp: 979133
Ion Ratio Lower Upper
196 100
198 96.0 76.1 114.1
200 31.1 24.4 36.6

Manual Integrations
APPROVED

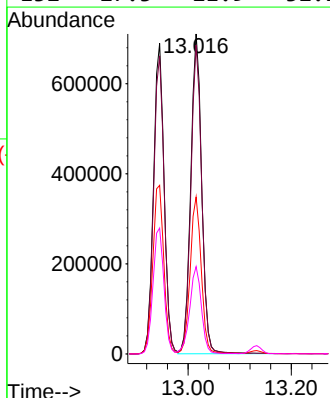
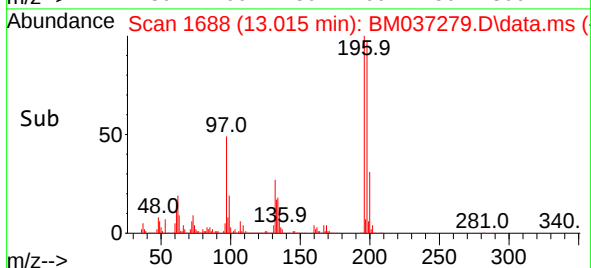
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

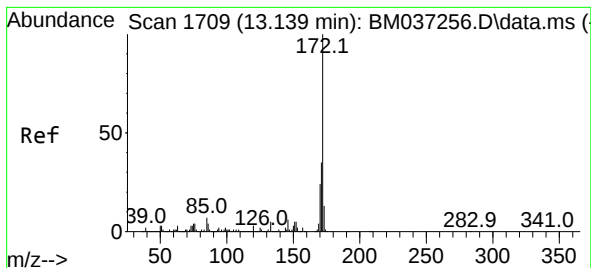


#44
2,4,5-Trichlorophenol
Concen: 44.768 ng
RT: 13.015 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00



Tgt Ion:196 Resp: 1047014
Ion Ratio Lower Upper
196 100
198 96.5 77.0 115.6
97 49.1 39.4 59.2
132 27.3 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 74.735 ng

RT: 13.133 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BM037279.D

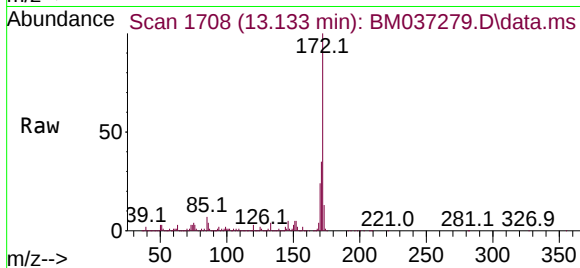
Acq: 29 Oct 2022 20:00

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMSD



Tgt Ion:172 Resp: 5761398

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

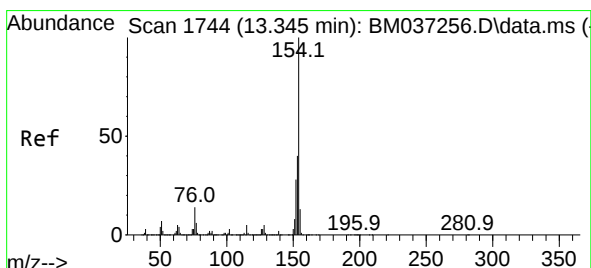
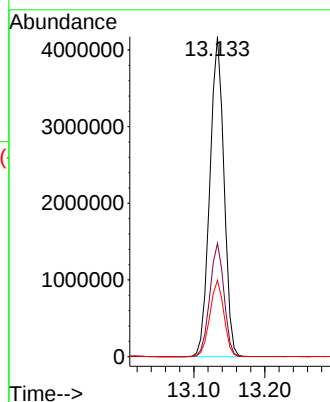
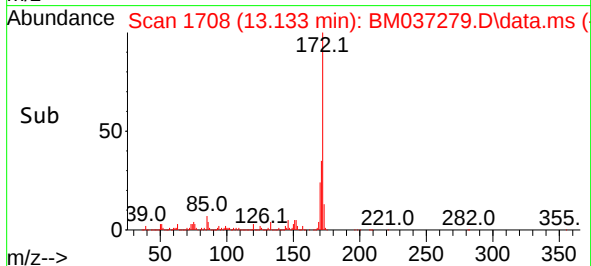
170 23.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#46

1,1'-Biphenyl

Concen: 46.961 ng

RT: 13.345 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BM037279.D

Acq: 29 Oct 2022 20:00

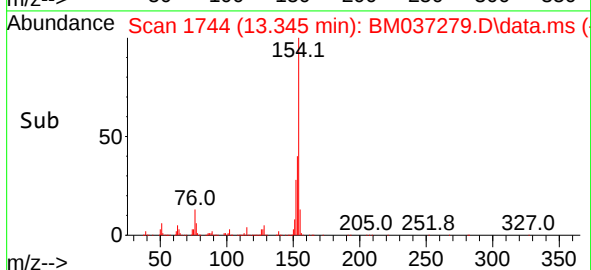
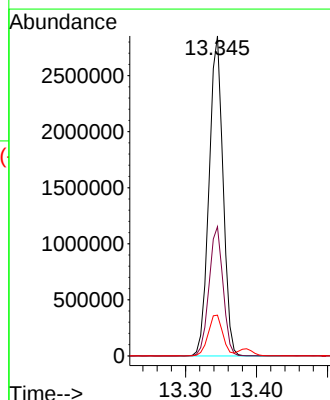
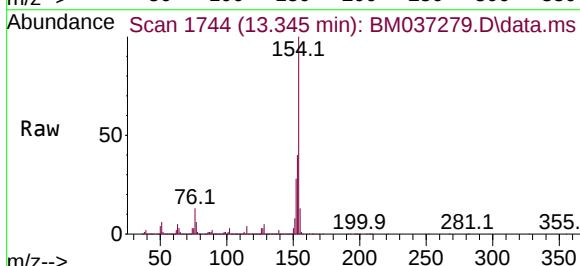
Tgt Ion:154 Resp: 3881719

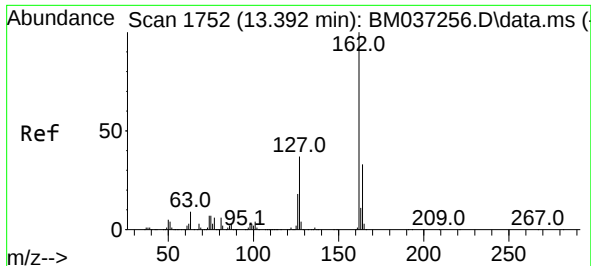
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

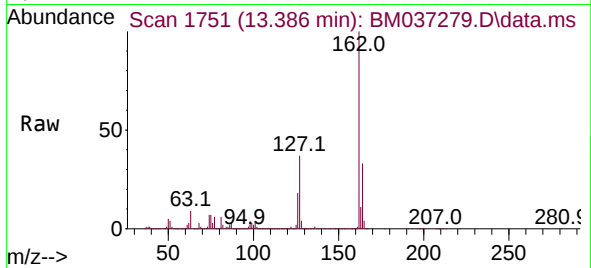
76 12.7 0.0 33.7





#47
2-Chloronaphthalene
Concen: 44.328 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

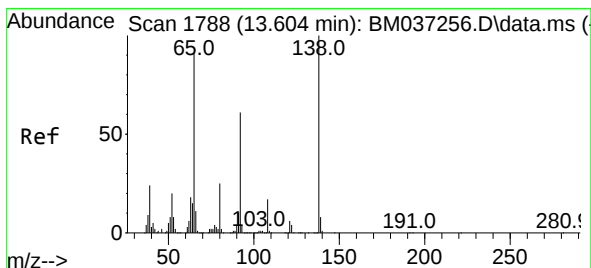
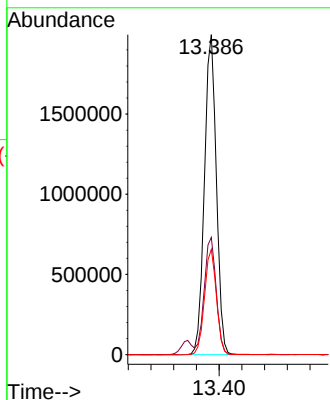
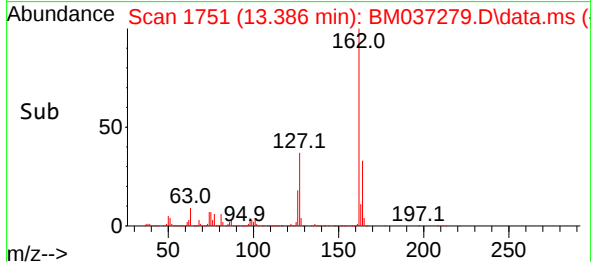
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



Tgt Ion:162 Resp: 2915828
Ion Ratio Lower Upper
162 100
127 36.6 29.5 44.3
164 32.9 26.3 39.5

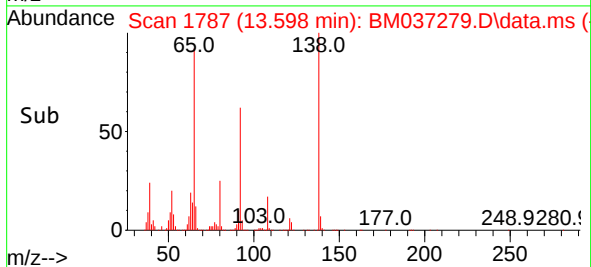
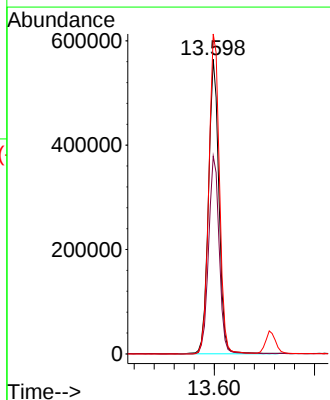
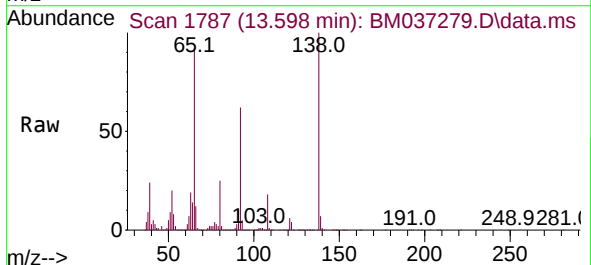
Manual Integrations
APPROVED

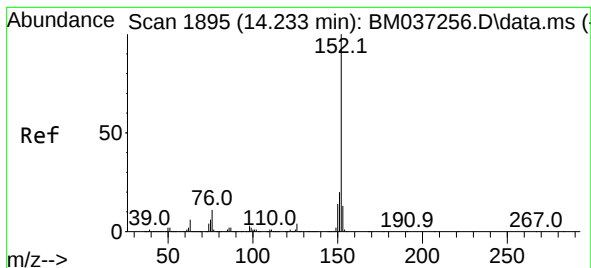
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#48
2-Nitroaniline
Concen: 43.138 ng
RT: 13.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

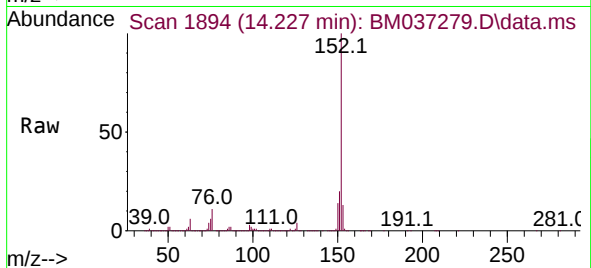
Tgt Ion: 65 Resp: 820000
Ion Ratio Lower Upper
65 100
92 67.1 53.7 80.5
138 108.6 87.4 131.2





#49
Acenaphthylene
Concen: 43.374 ng
RT: 14.227 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

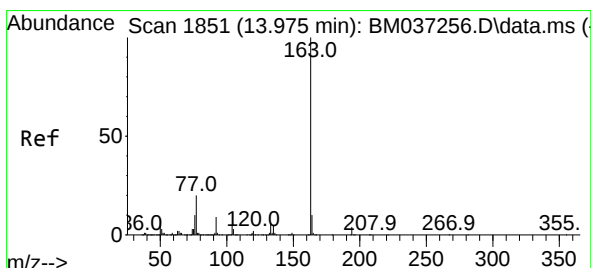
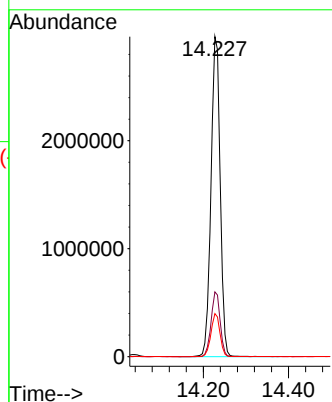
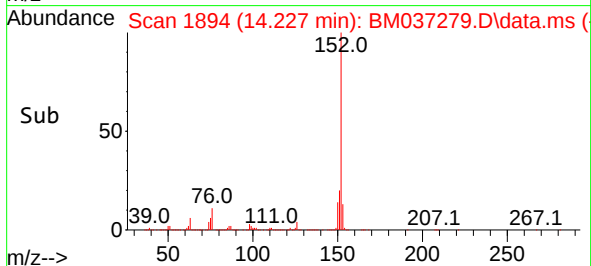
Instrument : BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



Tgt Ion:152 Resp: 4428979
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.4 10.6 15.8

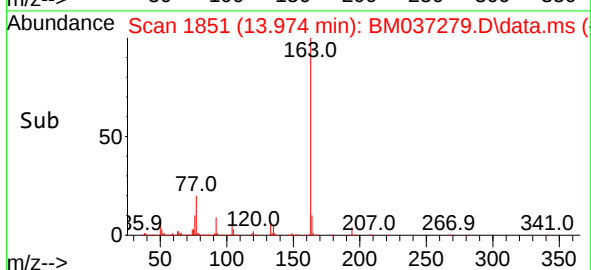
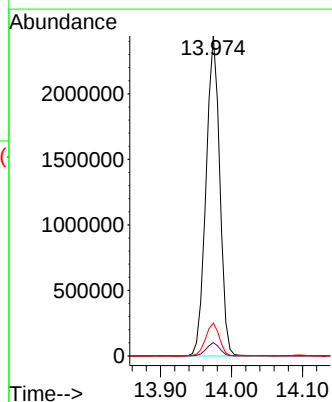
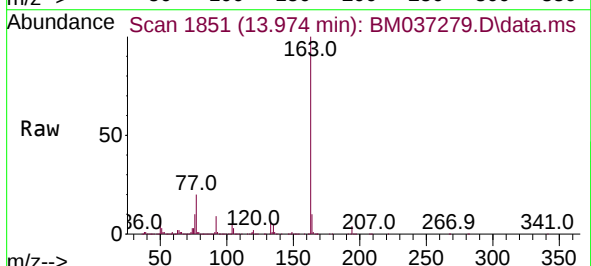
Manual Integrations
APPROVED

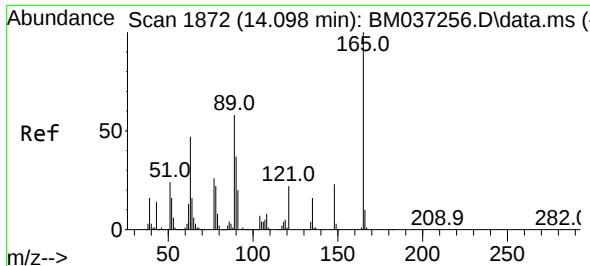
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#50
Dimethylphthalate
Concen: 41.596 ng
RT: 13.974 min Scan# 1851
Delta R.T. -0.001 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

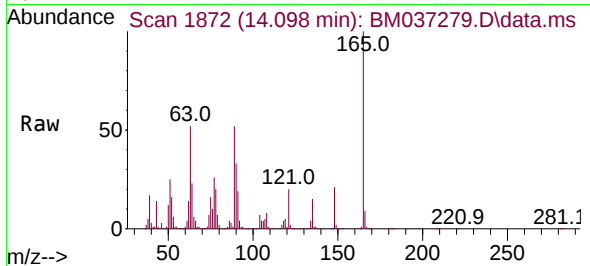
Tgt Ion:163 Resp: 3254336
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.007 ng
RT: 14.098 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

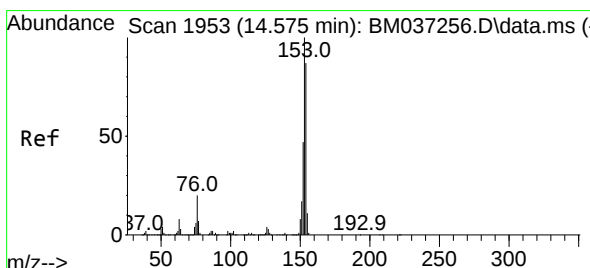
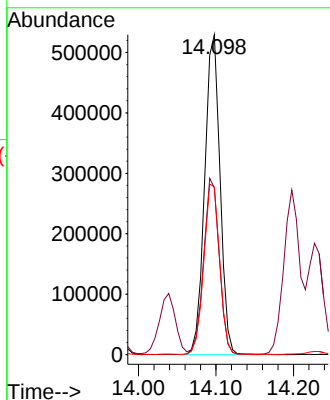
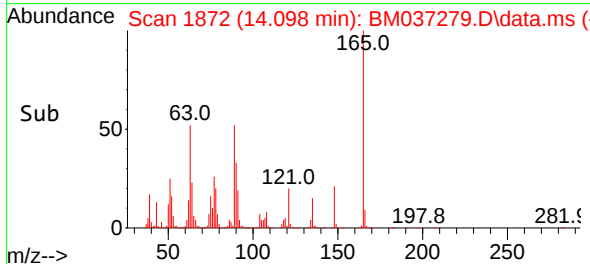
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



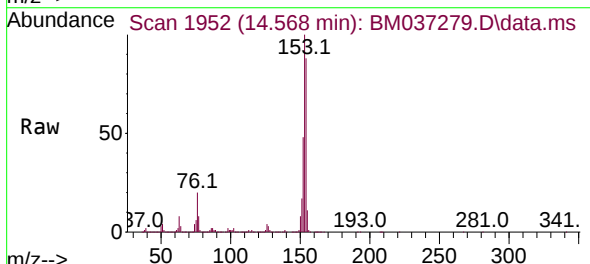
Tgt Ion:165 Resp: 729122
Ion Ratio Lower Upper
165 100
63 52.1 46.2 69.2
89 52.3 46.6 69.8

Manual Integrations
APPROVED

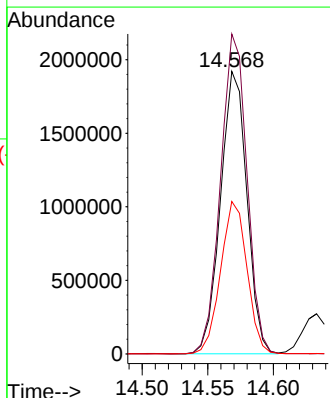
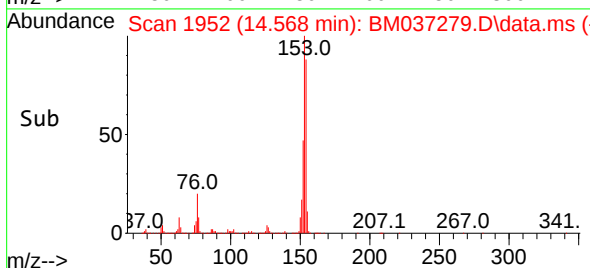
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

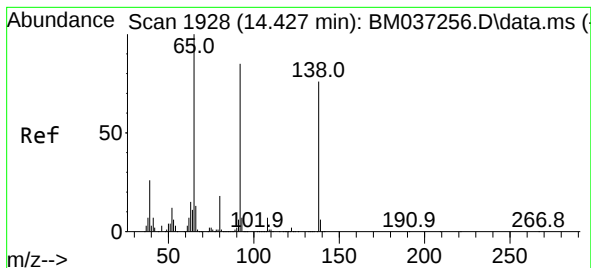


#52
Acenaphthene
Concen: 42.591 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.007 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00



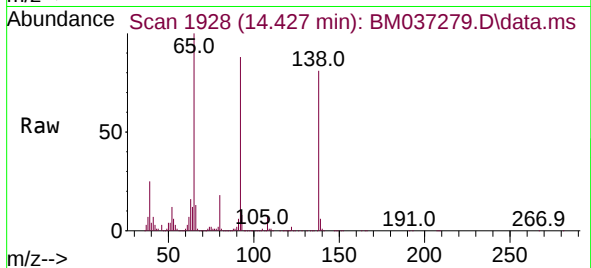
Tgt Ion:154 Resp: 2688647
Ion Ratio Lower Upper
154 100
153 113.3 91.5 137.3
152 53.9 43.0 64.6





#53
3-Nitroaniline
Concen: 27.820 ng
RT: 14.427 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

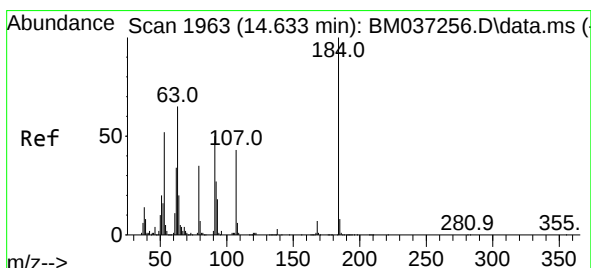
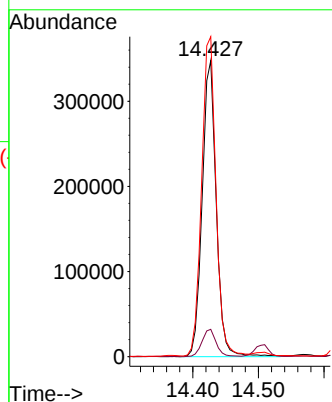
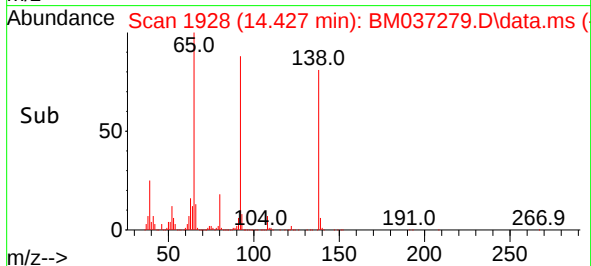
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



Tgt Ion:138 Resp: 514938
Ion Ratio Lower Upper
138 100
108 9.2 7.3 10.9
92 108.1 89.8 134.8

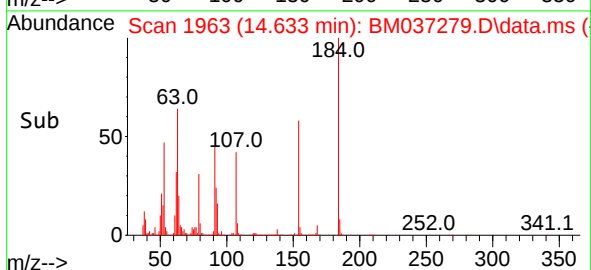
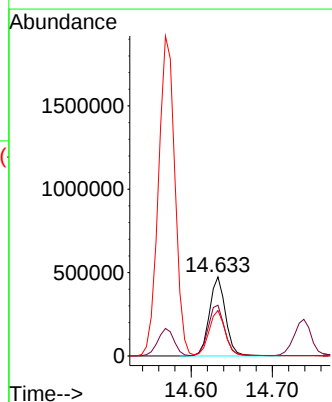
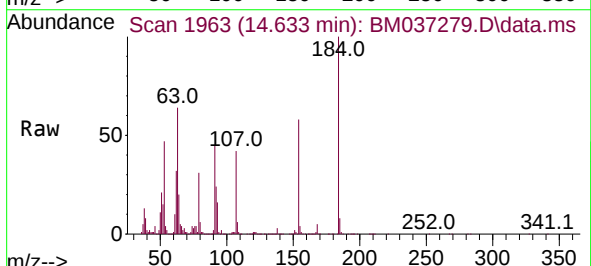
Manual Integrations
APPROVED

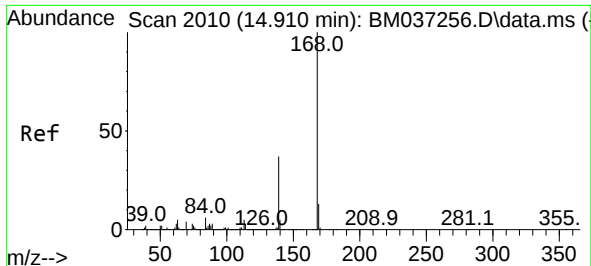
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#54
2,4-Dinitrophenol
Concen: 61.402 ng
RT: 14.633 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

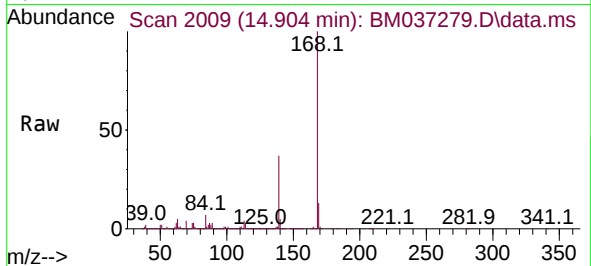
Tgt Ion:184 Resp: 652068
Ion Ratio Lower Upper
184 100
63 64.1 57.7 86.5
154 57.6 48.3 72.5





#55
Dibenzenofuran
Concen: 42.148 ng
RT: 14.904 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

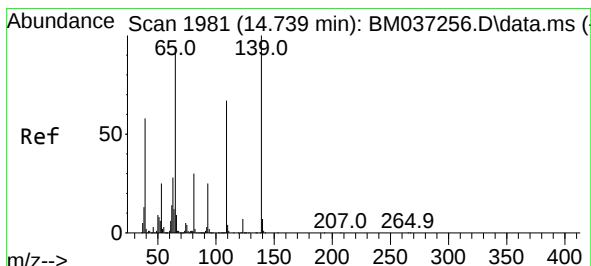
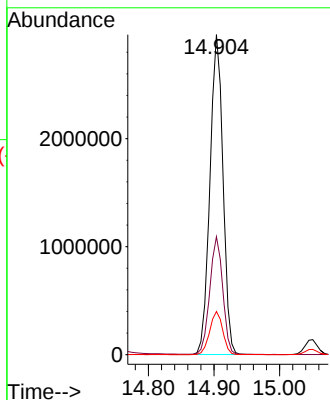
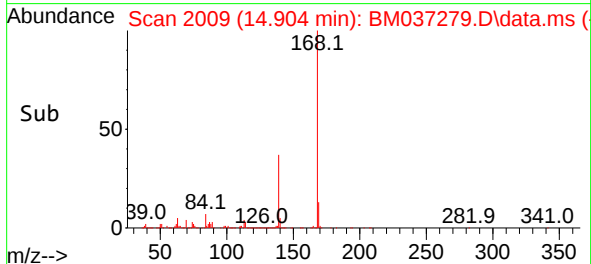
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



Tgt Ion:168 Resp: 4098056
Ion Ratio Lower Upper
168 100
139 36.8 29.3 43.9
169 13.5 10.6 16.0

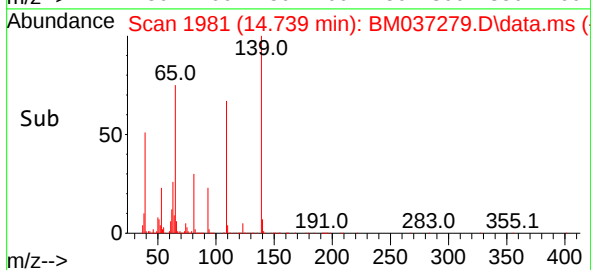
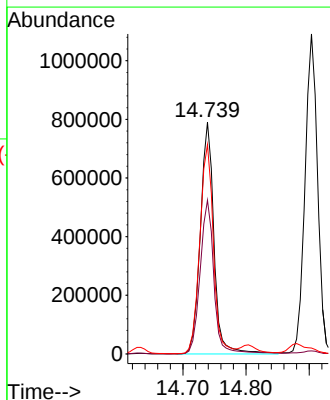
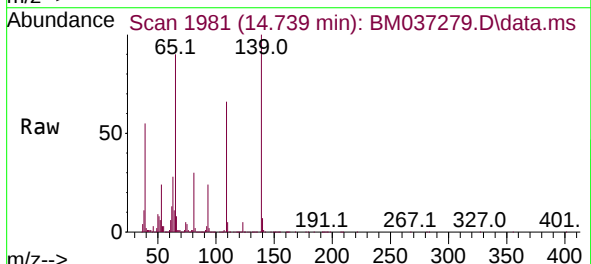
Manual Integrations
APPROVED

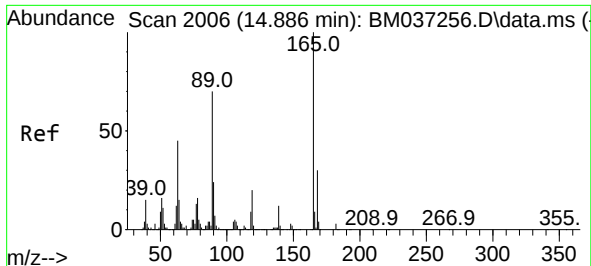
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#56
4-Nitrophenol
Concen: 80.047 ng
RT: 14.739 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

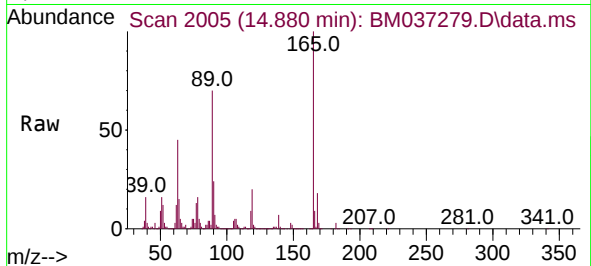
Tgt Ion:139 Resp: 1181992
Ion Ratio Lower Upper
139 100
109 66.4 47.4 87.4
65 90.3 73.8 113.8





#57
2,4-Dinitrotoluene
Concen: 42.501 ng
RT: 14.880 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

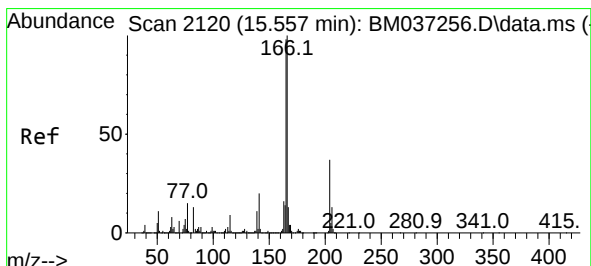
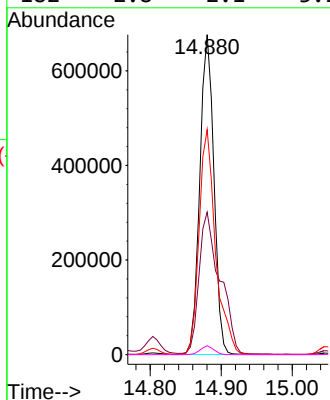
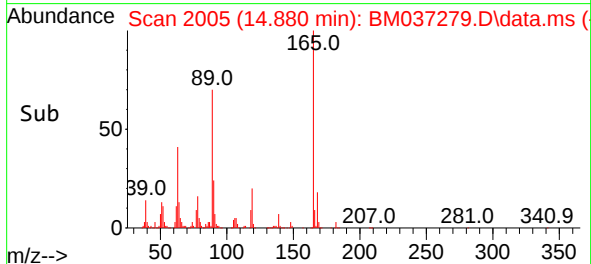
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



Tgt Ion:165 Resp: 926589
Ion Ratio Lower Upper
165 100
63 44.5 36.3 54.5
89 70.3 56.3 84.5
182 2.8 2.1 3.1

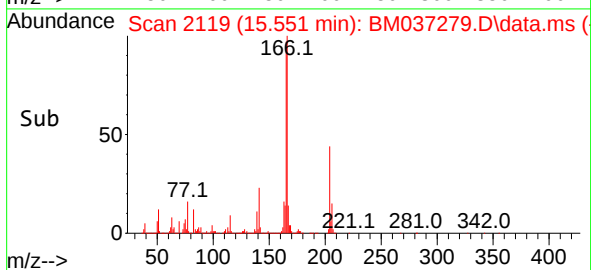
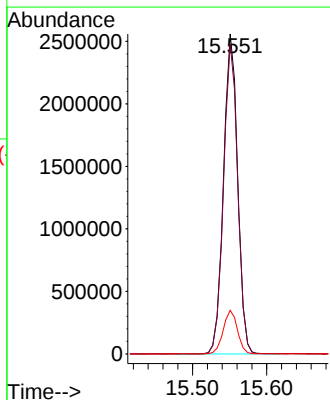
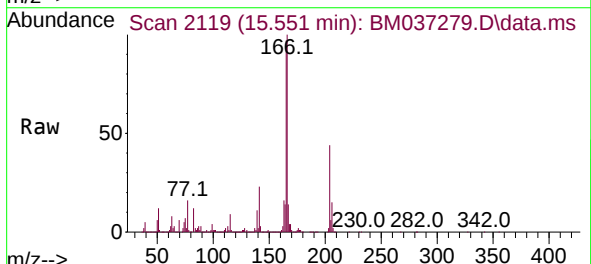
Manual Integrations
APPROVED

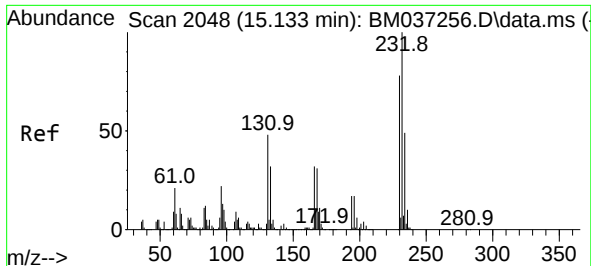
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#58
Fluorene
Concen: 41.718 ng
RT: 15.551 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

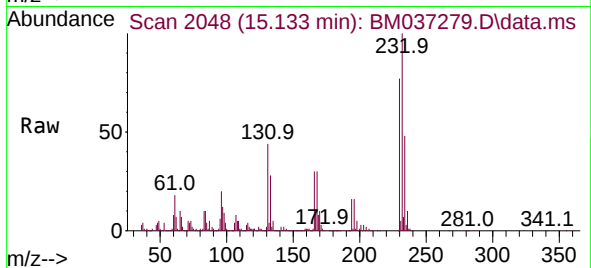
Tgt Ion:166 Resp: 3385804
Ion Ratio Lower Upper
166 100
165 96.9 78.2 117.4
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.812 ng
RT: 15.133 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

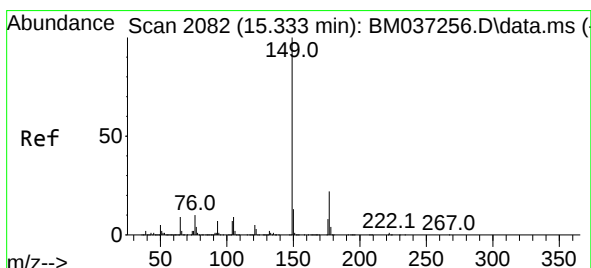
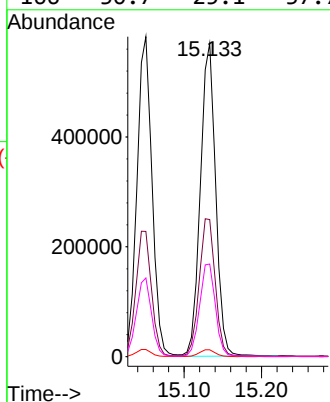
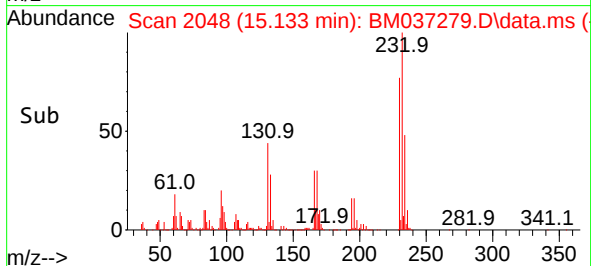
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



Tgt Ion:232 Resp: 780413
Ion Ratio Lower Upper
232 100
131 46.2 37.8 56.8
130 2.4 1.9 2.9
166 30.7 25.1 37.7

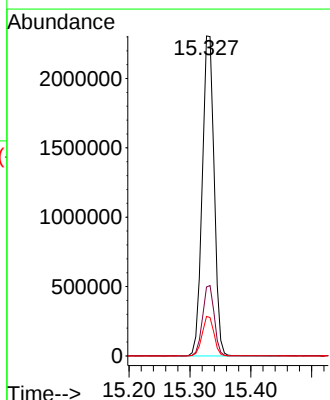
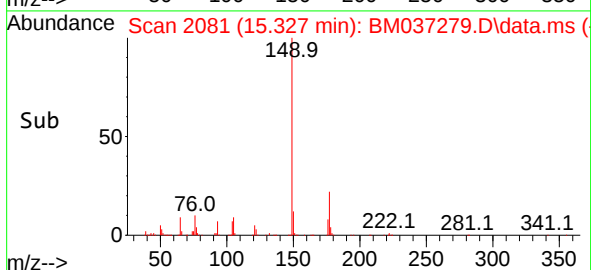
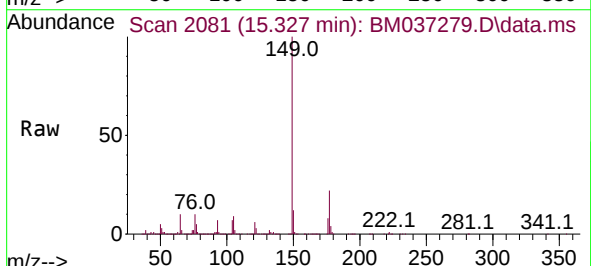
Manual Integrations
APPROVED

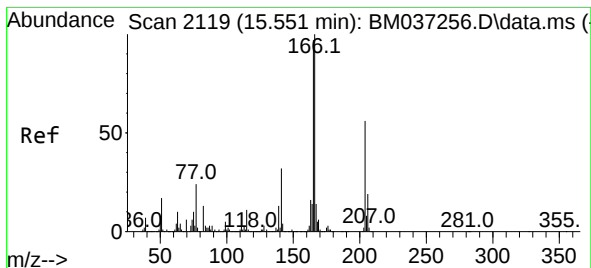
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#60
Diethylphthalate
Concen: 41.084 ng
RT: 15.327 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

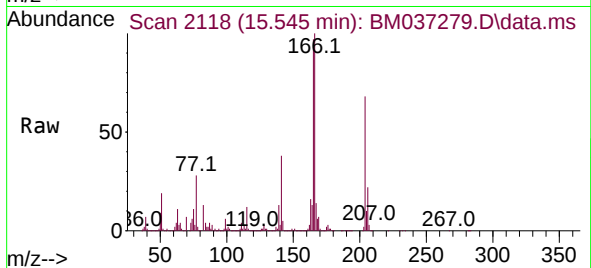
Tgt Ion:149 Resp: 3124125
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.0
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.832 ng
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

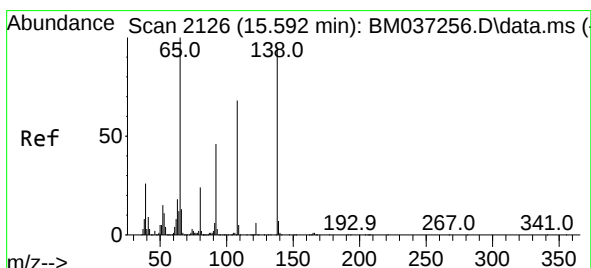
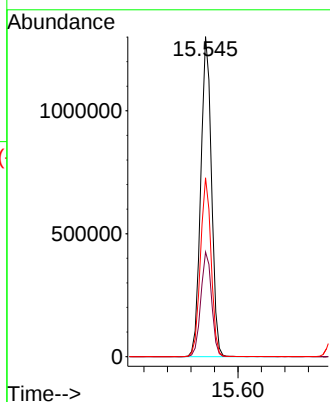
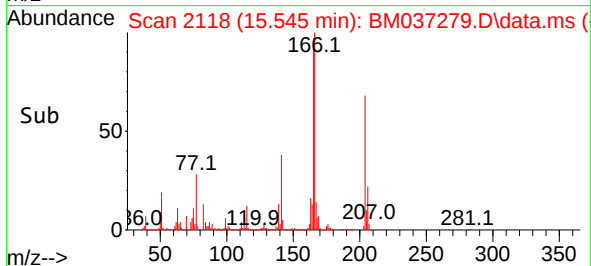
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



Tgt Ion:204 Resp: 1645765
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 55.9 45.2 67.8

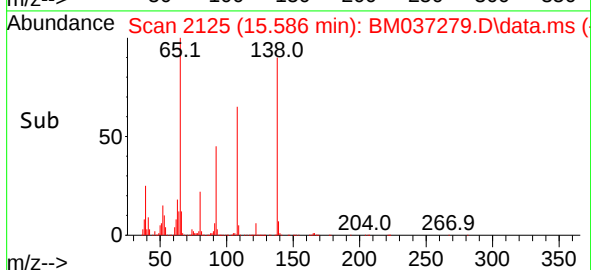
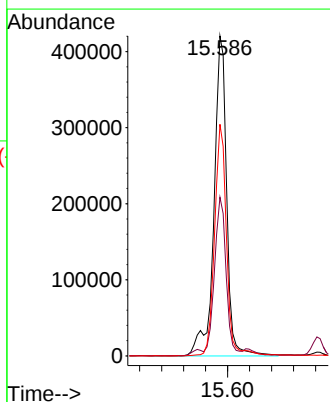
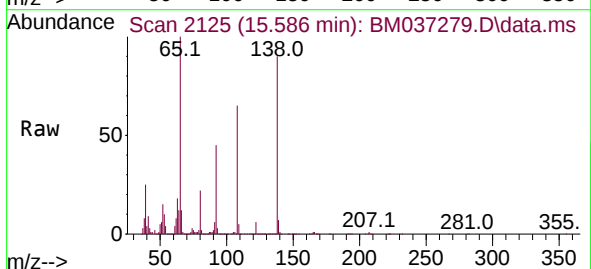
Manual Integrations
APPROVED

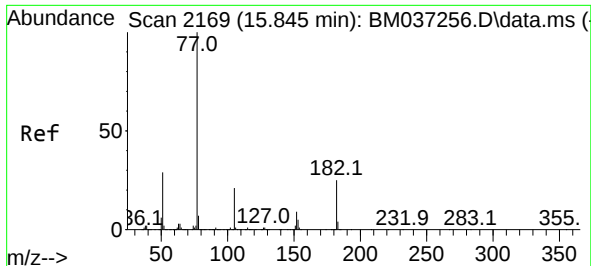
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#62
4-Nitroaniline
Concen: 36.392 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

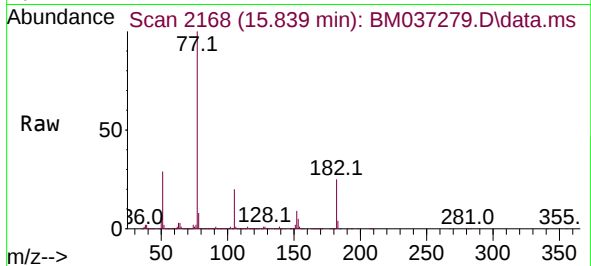
Tgt Ion:138 Resp: 675563
Ion Ratio Lower Upper
138 100
92 49.6 28.1 68.1
108 72.4 51.3 91.3





#63
Azobenzene
Concen: 41.266 ng
RT: 15.839 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

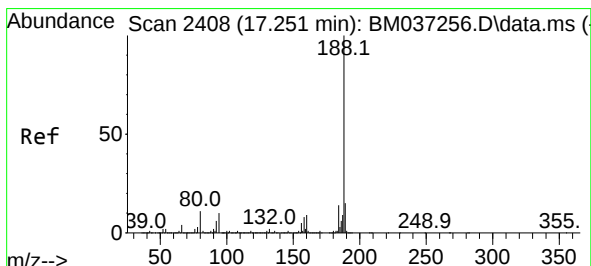
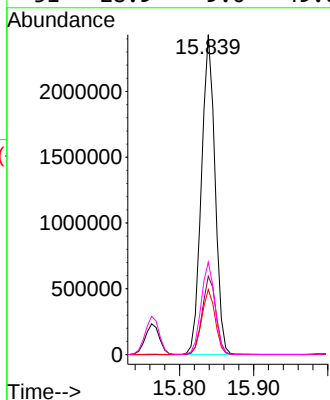
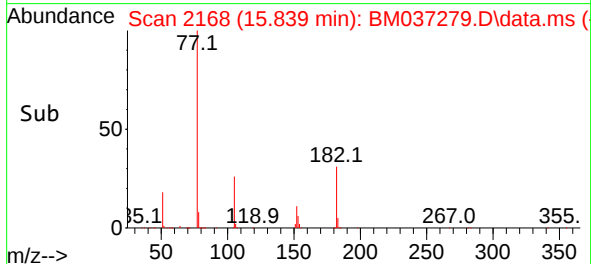
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



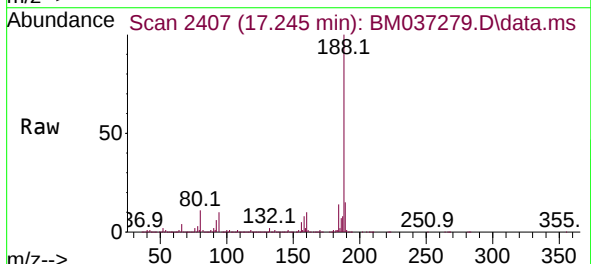
Tgt Ion: 77 Resp: 3091293
Ion Ratio Lower Upper
77 100
182 24.5 5.1 45.1
105 20.3 0.5 40.5
51 28.9 9.0 49.0

Manual Integrations
APPROVED

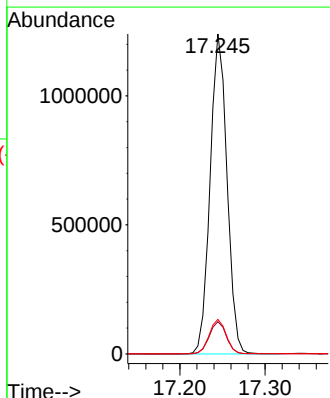
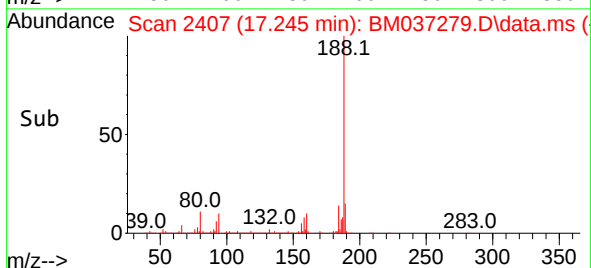
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

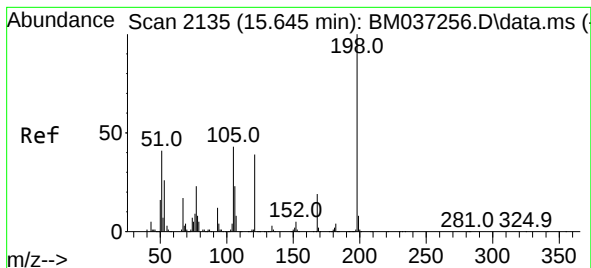


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00



Tgt Ion:188 Resp: 1707732
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 10.8 8.5 12.7





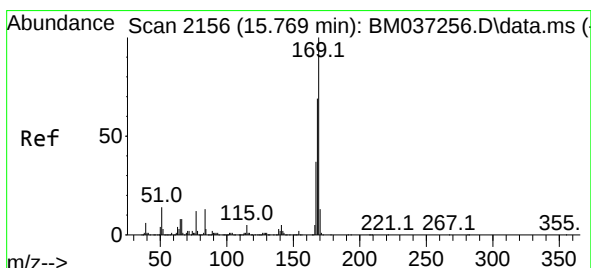
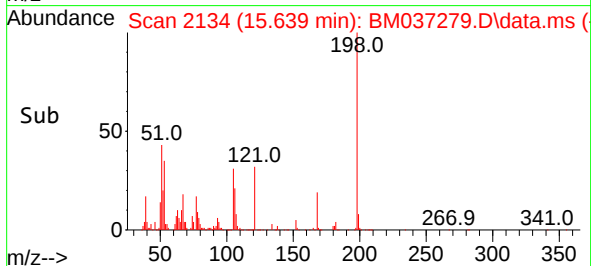
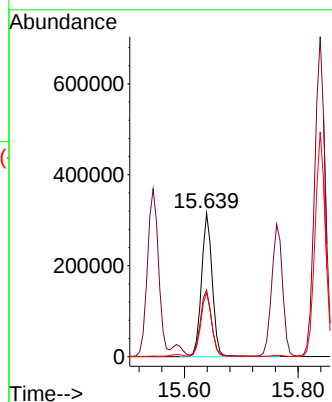
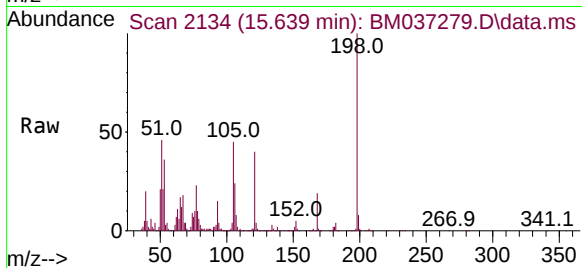
#65
4,6-Dinitro-2-methylphenol
Concen: 35.806 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD

Tgt Ion:198 Resp: 409629
Ion Ratio Lower Upper
198 100
51 46.5 26.8 66.8
105 44.6 24.1 64.1

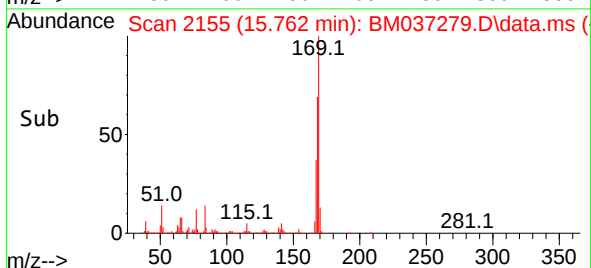
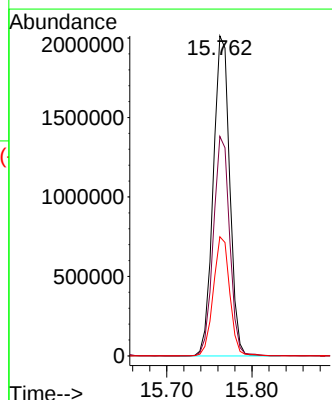
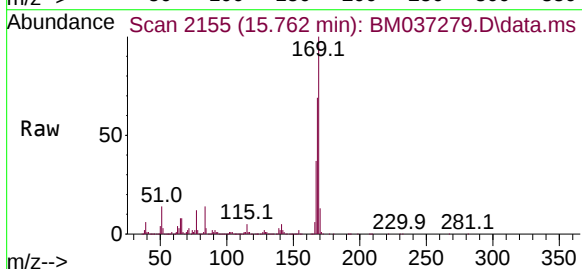
Manual Integrations
APPROVED

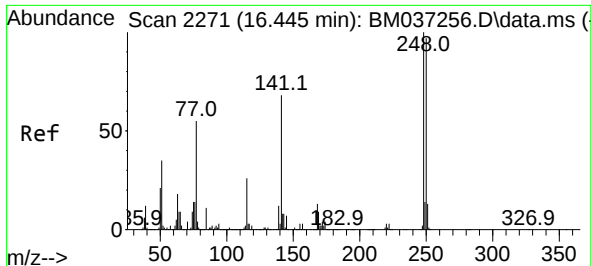
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#66
n-Nitrosodiphenylamine
Concen: 46.717 ng
RT: 15.762 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

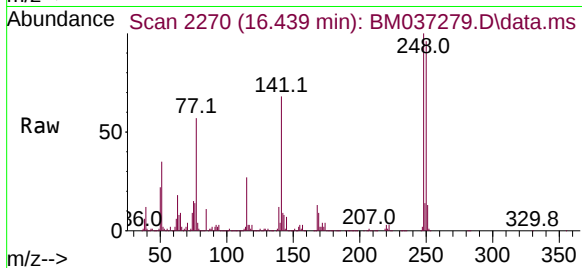
Tgt Ion:169 Resp: 2696642
Ion Ratio Lower Upper
169 100
168 68.6 54.8 82.2
167 37.2 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 48.339 ng
RT: 16.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

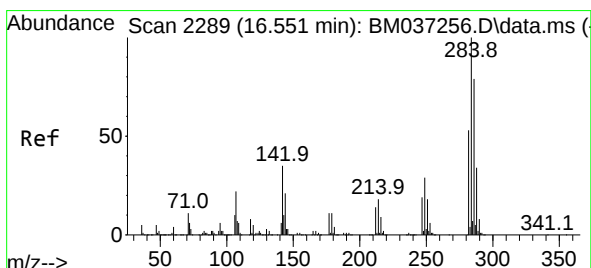
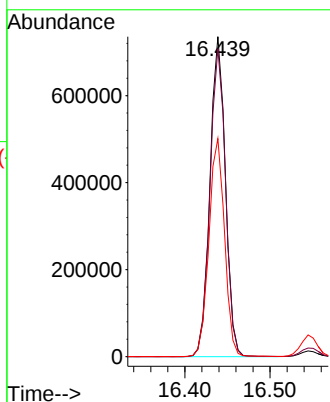
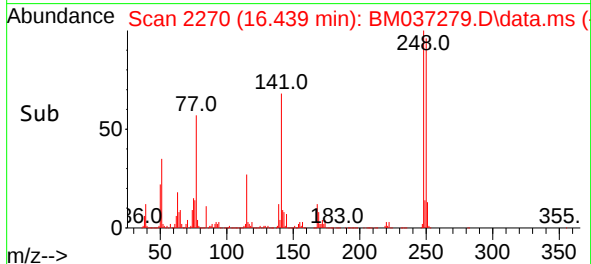
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



Tgt Ion:248 Resp: 926372
Ion Ratio Lower Upper
248 100
250 96.2 77.8 116.6
141 68.1 54.2 81.2

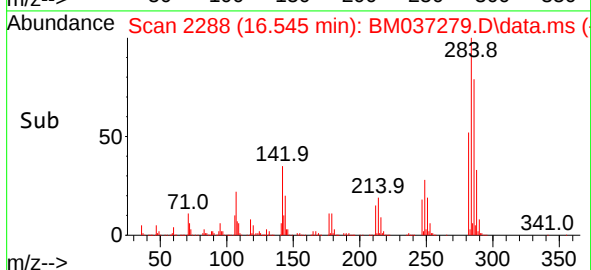
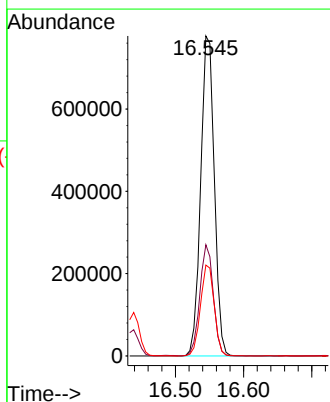
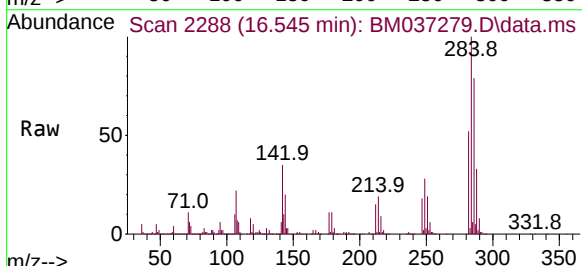
Manual Integrations
APPROVED

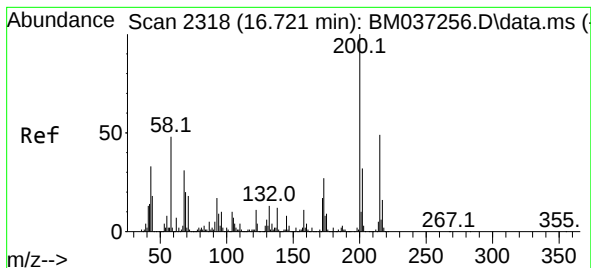
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#68
Hexachlorobenzene
Concen: 46.642 ng
RT: 16.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

Tgt Ion:284 Resp: 1081727
Ion Ratio Lower Upper
284 100
142 34.7 28.2 42.4
249 28.4 23.1 34.7





#69

Atrazine

Concen: 57.244 ng

RT: 16.715 min Scan# 2317

Delta R.T. -0.006 min

Lab File: BM037279.D

Acq: 29 Oct 2022 20:00

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMSD

Tgt Ion:200 Resp: 831404

Ion Ratio Lower Upper

200 100

173 26.5 6.8 46.8

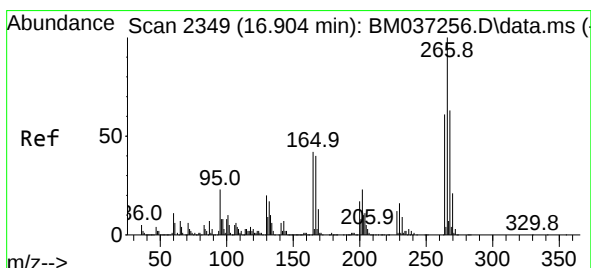
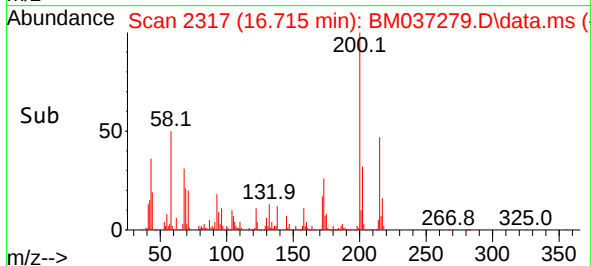
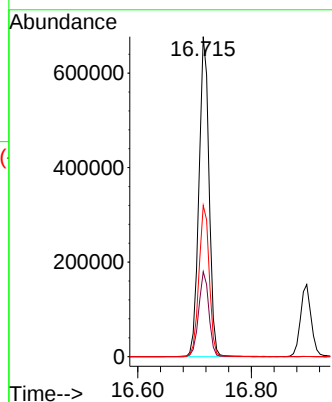
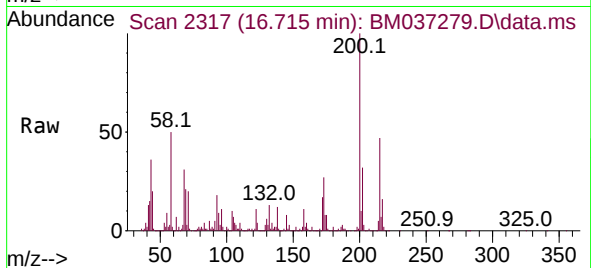
215 47.2 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#70

Pentachlorophenol

Concen: 82.965 ng

RT: 16.898 min Scan# 2348

Delta R.T. -0.006 min

Lab File: BM037279.D

Acq: 29 Oct 2022 20:00

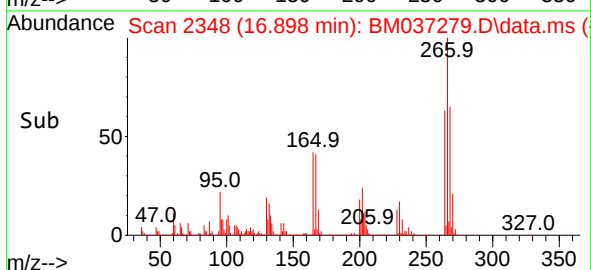
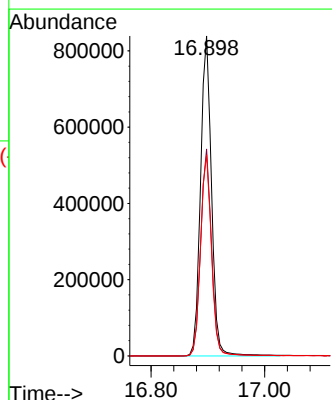
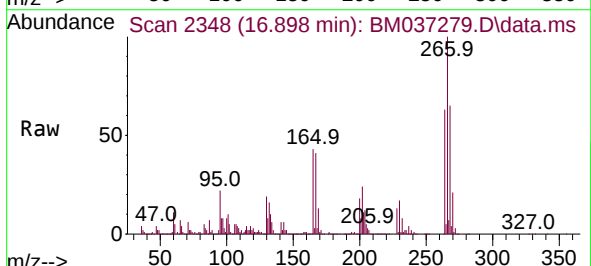
Tgt Ion:266 Resp: 1119626

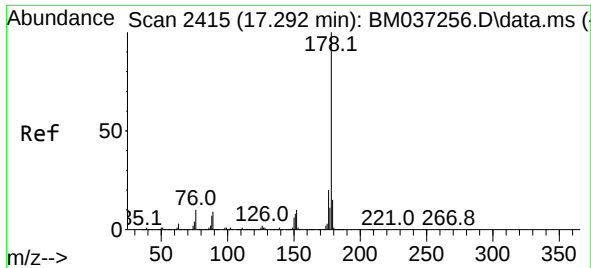
Ion Ratio Lower Upper

266 100

268 64.7 50.7 76.1

264 62.8 49.1 73.7





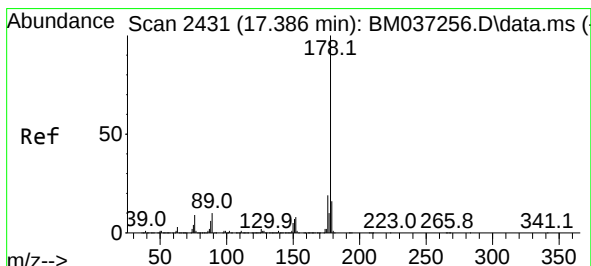
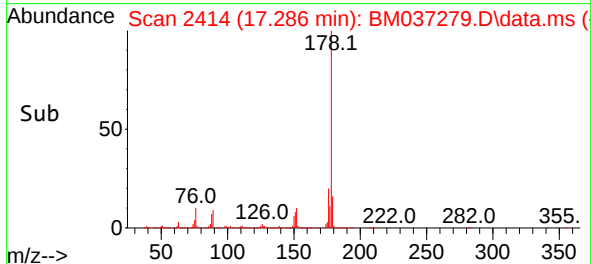
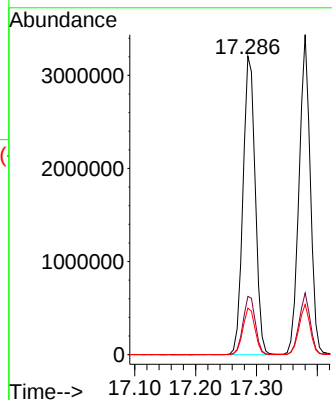
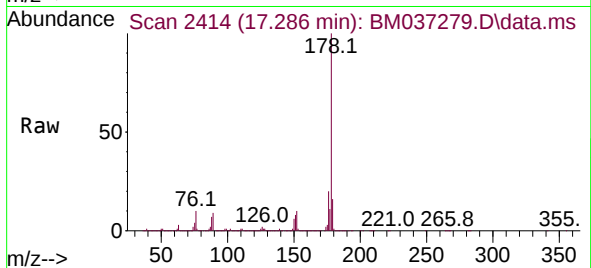
#71
Phenanthrene
Concen: 42.213 ng
RT: 17.286 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD

Tgt Ion:178 Resp: 4472494
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.6 12.4 18.6

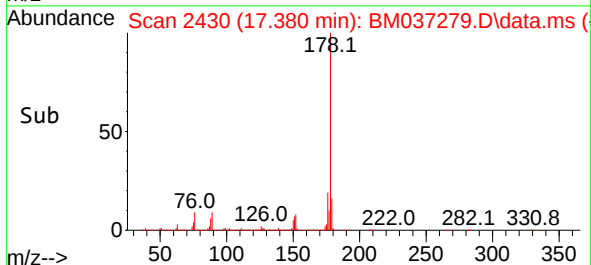
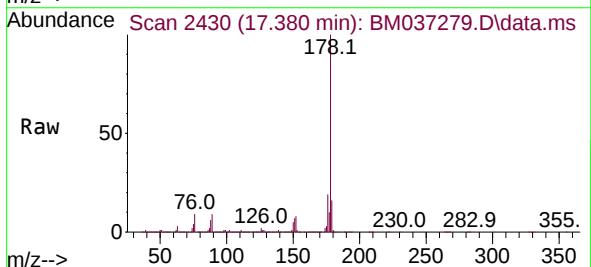
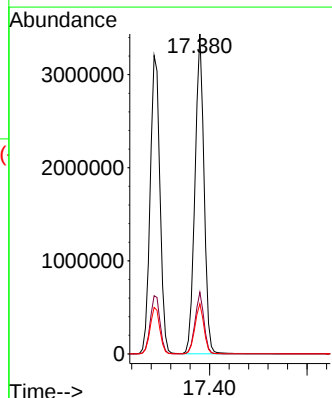
Manual Integrations
APPROVED

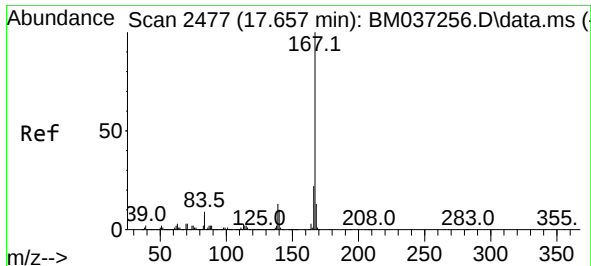
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#72
Anthracene
Concen: 44.021 ng
RT: 17.380 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

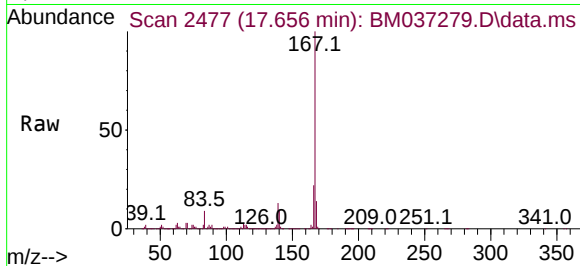
Tgt Ion:178 Resp: 4415360
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 41.914 ng
 RT: 17.656 min Scan# 2477
 Delta R.T. -0.000 min
 Lab File: BM037279.D
 Acq: 29 Oct 2022 20:00

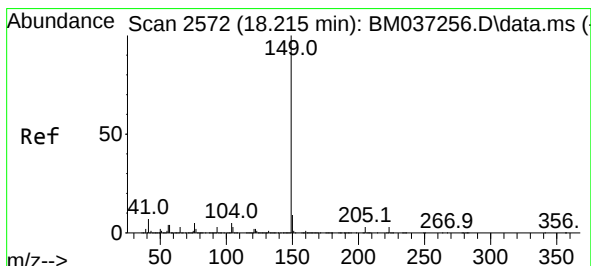
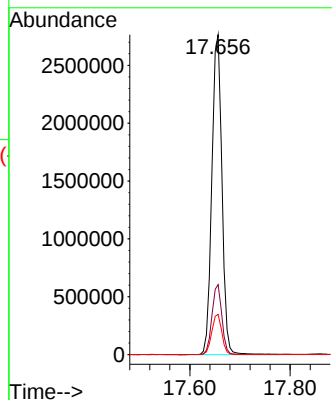
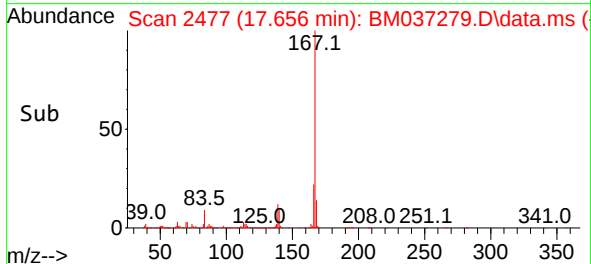
Instrument :
 BNA_M
 ClientSampleId :
 BACKYARD-BOTTOM-AMSD



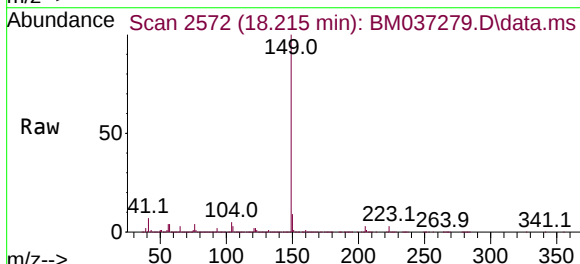
Tgt Ion:167 Resp: 3856282
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 12.6 10.4 15.6

Manual Integrations
 APPROVED

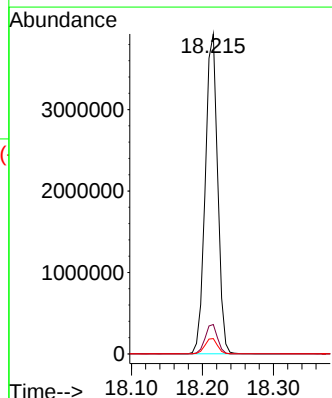
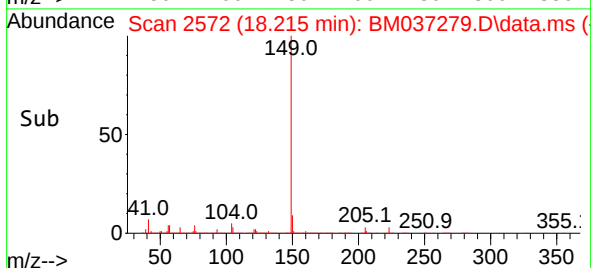
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

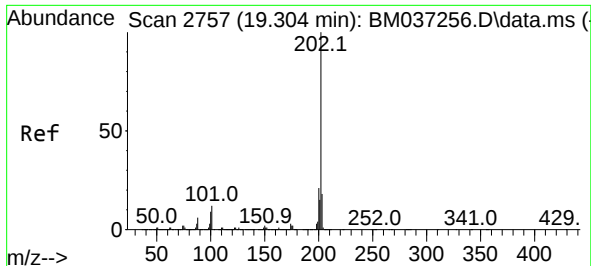


#74
 Di-n-butylphthalate
 Concen: 46.413 ng
 RT: 18.215 min Scan# 2572
 Delta R.T. -0.000 min
 Lab File: BM037279.D
 Acq: 29 Oct 2022 20:00



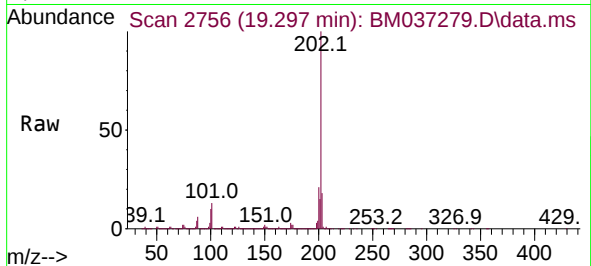
Tgt Ion:149 Resp: 4715255
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 38.659 ng
RT: 19.297 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

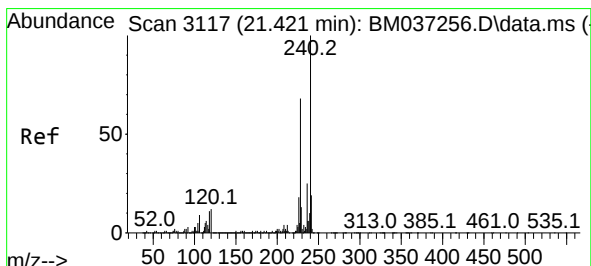
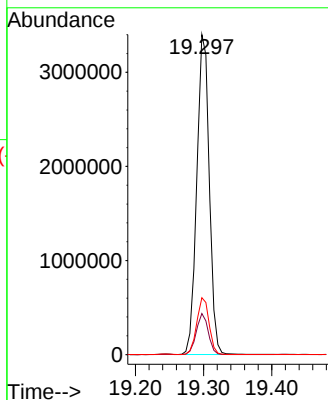
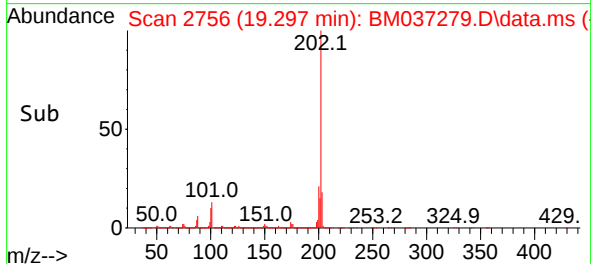
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



Tgt Ion:202 Resp: 4329649
Ion Ratio Lower Upper
202 100
101 12.8 0.0 32.4
203 17.8 0.0 37.8

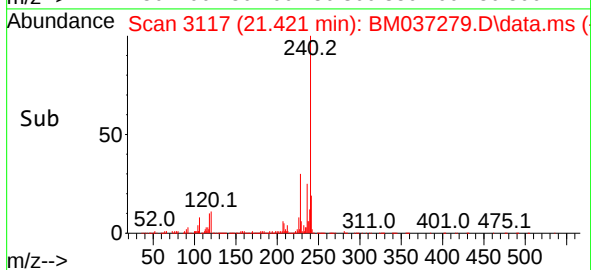
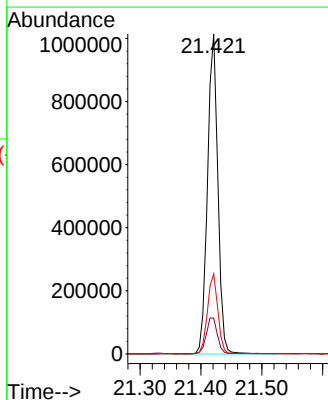
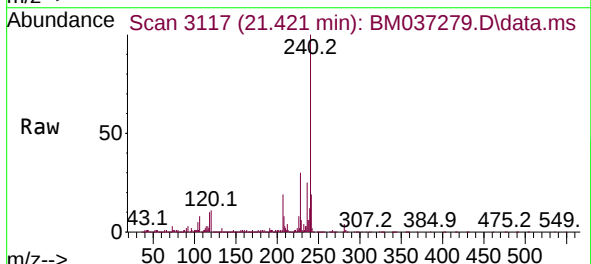
Manual Integrations
APPROVED

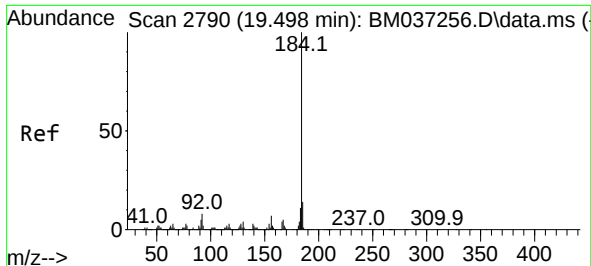
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

Tgt Ion:240 Resp: 1196258
Ion Ratio Lower Upper
240 100
120 11.2 9.9 14.9
236 25.0 20.3 30.5





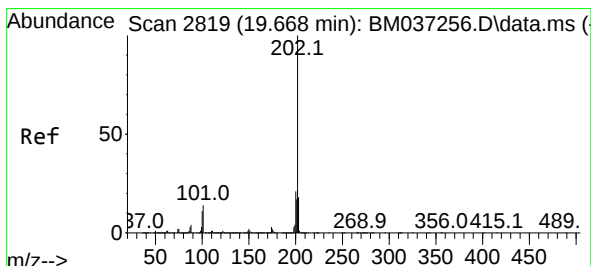
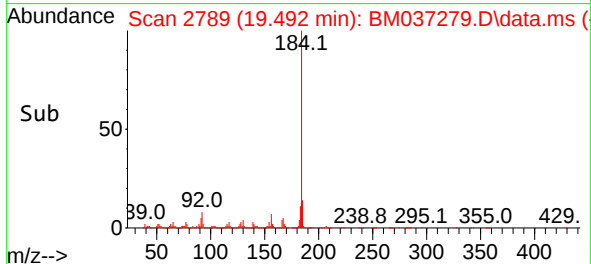
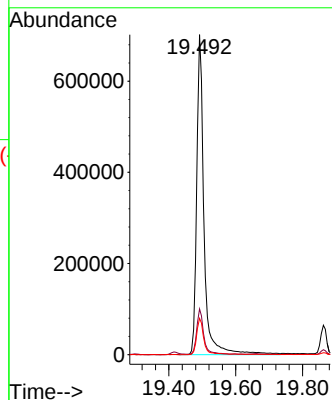
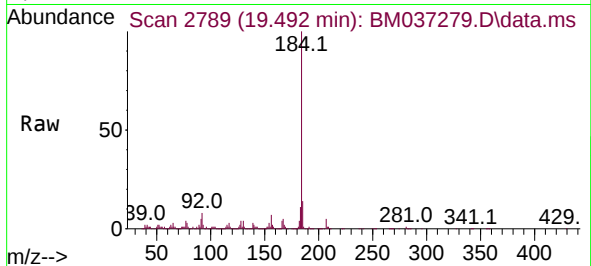
#77
Benzidine
Concen: 59.751 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD

Tgt Ion:184 Resp: 1065822
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.3 9.0 13.4

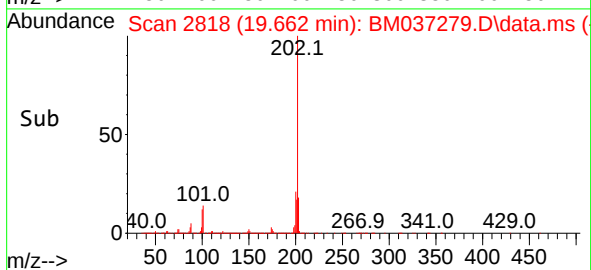
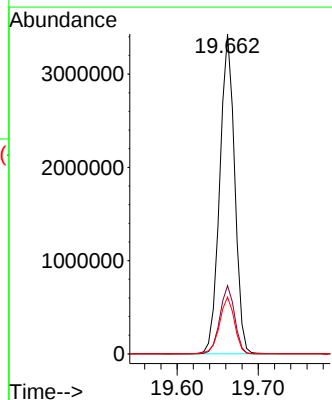
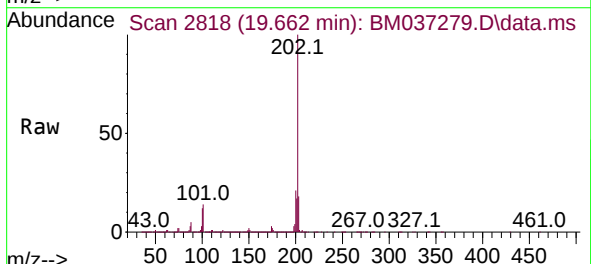
Manual Integrations
APPROVED

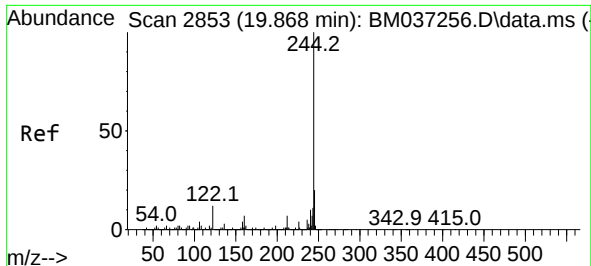
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#78
Pyrene
Concen: 47.478 ng
RT: 19.662 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

Tgt Ion:202 Resp: 4367423
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.8 14.1 21.1





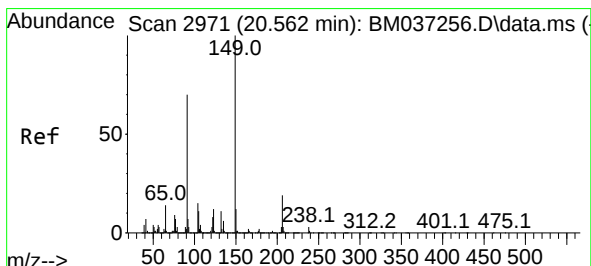
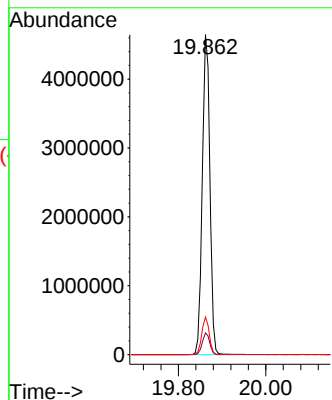
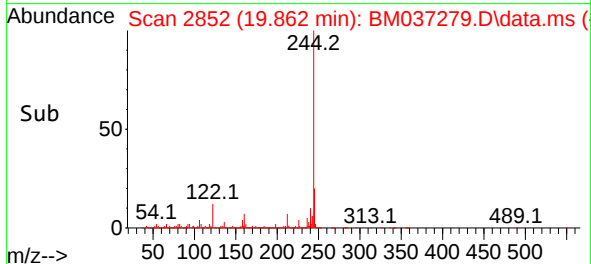
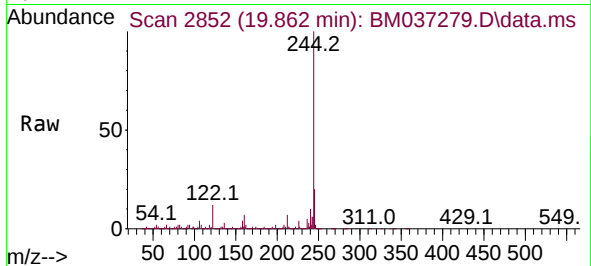
#79
 Terphenyl-d14
 Concen: 83.166 ng
 RT: 19.862 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BM037279.D
 Acq: 29 Oct 2022 20:00

Instrument :
 BNA_M
 ClientSampleId :
 BACKYARD-BOTTOM-AMSD

Tgt Ion:244 Resp: 5547832
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.7 9.4 14.2

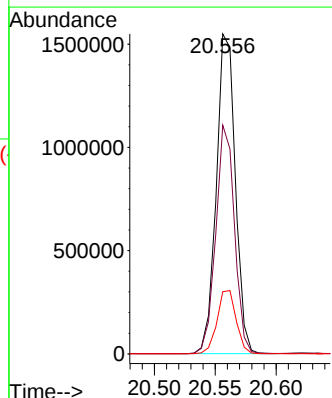
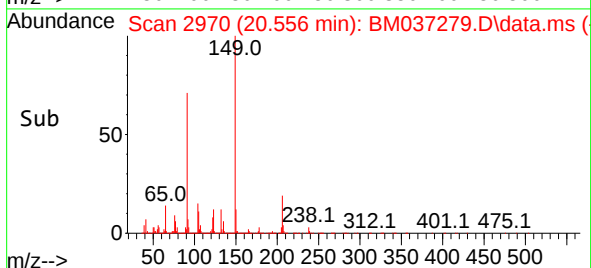
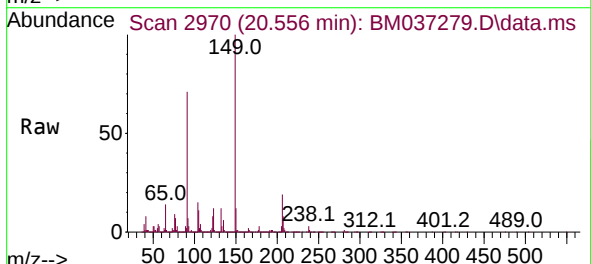
Manual Integrations
 APPROVED

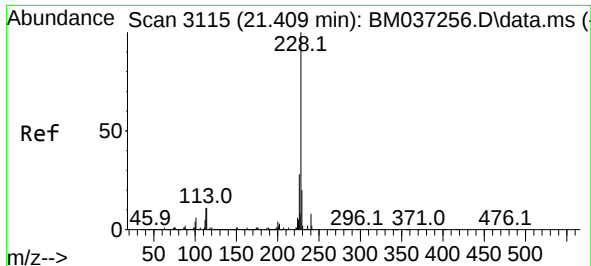
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#80
 Butylbenzylphthalate
 Concen: 51.302 ng
 RT: 20.556 min Scan# 2970
 Delta R.T. -0.006 min
 Lab File: BM037279.D
 Acq: 29 Oct 2022 20:00

Tgt Ion:149 Resp: 1685342
 Ion Ratio Lower Upper
 149 100
 91 71.5 56.2 84.4
 206 19.4 15.4 23.0





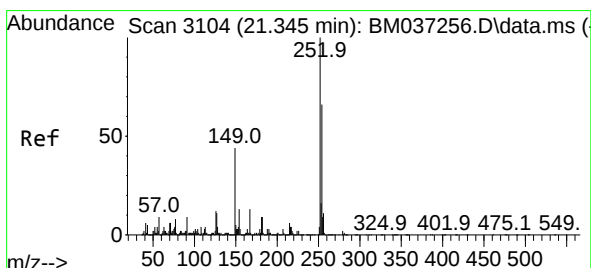
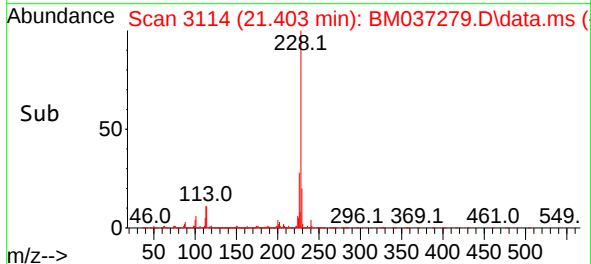
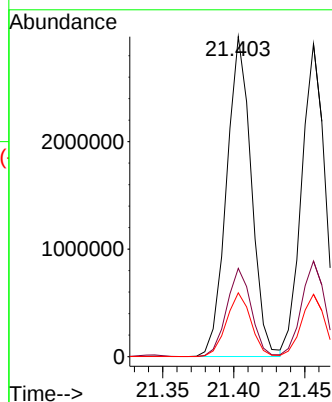
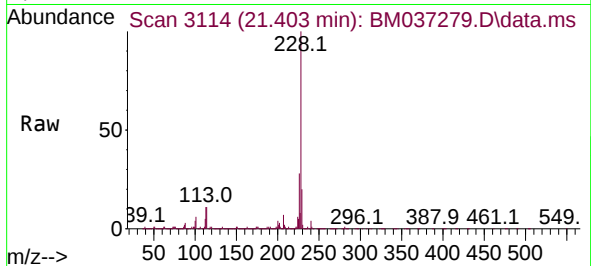
#81
Benzo(a)anthracene
Concen: 42.370 ng
RT: 21.403 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD

Tgt Ion:228 Resp: 3608454
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.9 16.2 24.2

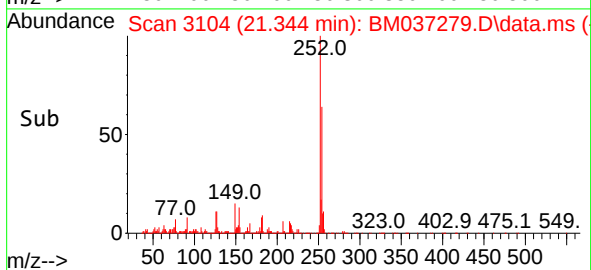
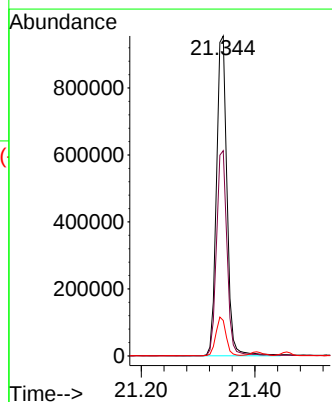
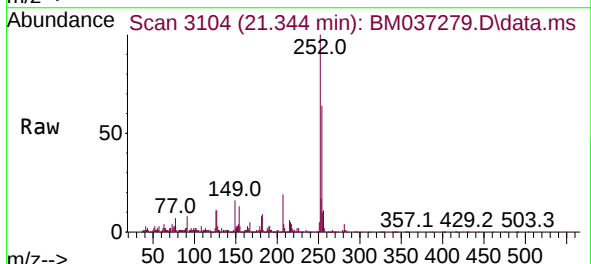
Manual Integrations
APPROVED

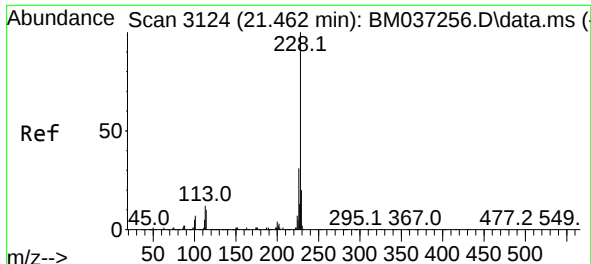
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#82
3,3'-Dichlorobenzidine
Concen: 49.003 ng
RT: 21.344 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

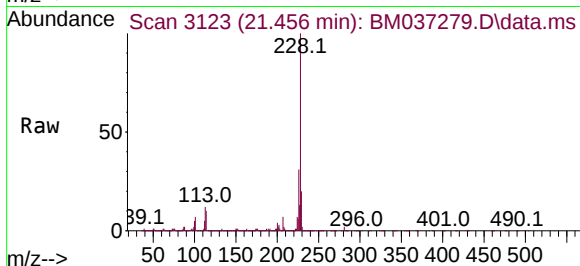
Tgt Ion:252 Resp: 1225751
Ion Ratio Lower Upper
252 100
254 64.1 52.7 79.1
126 11.1 9.8 14.6





#83
Chrysene
Concen: 41.103 ng
RT: 21.456 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

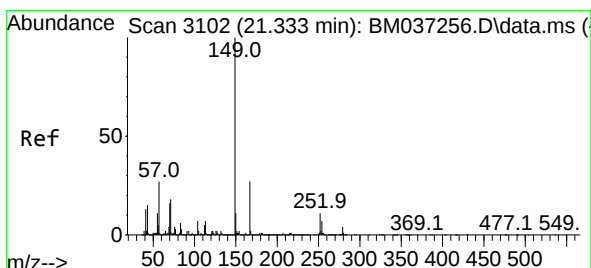
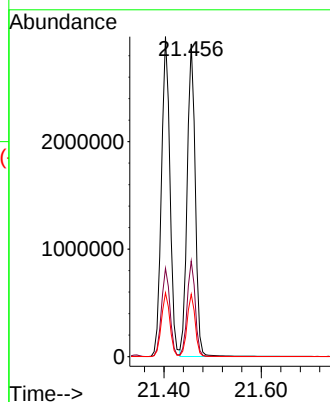
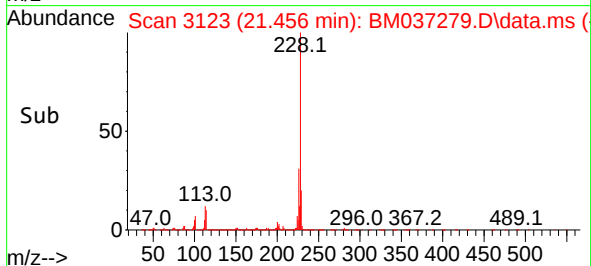
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



Tgt Ion:228 Resp: 3372549
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 19.9 16.0 24.0

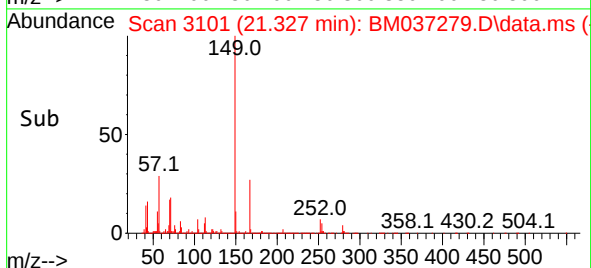
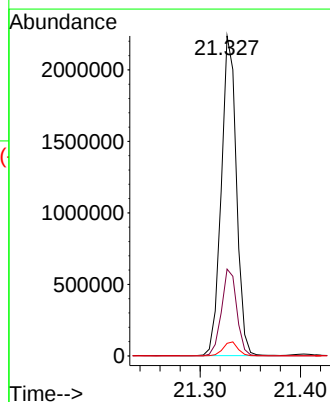
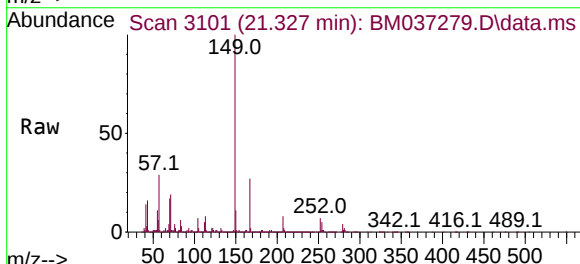
Manual Integrations
APPROVED

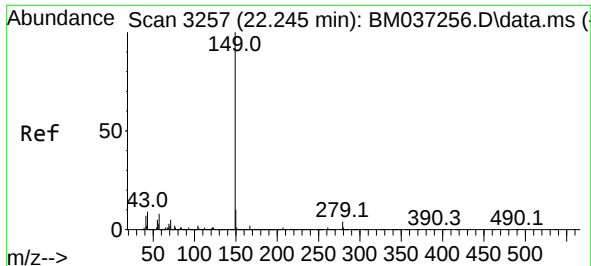
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.445 ng
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

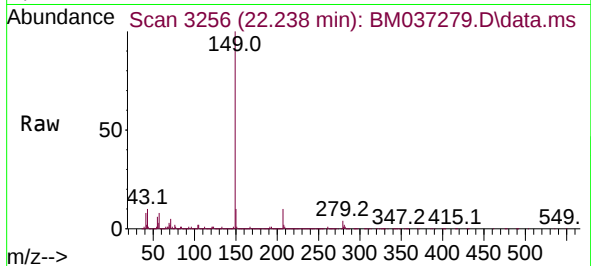
Tgt Ion:149 Resp: 2356448
Ion Ratio Lower Upper
149 100
167 27.1 21.2 31.8
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 50.658 ng
RT: 22.238 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

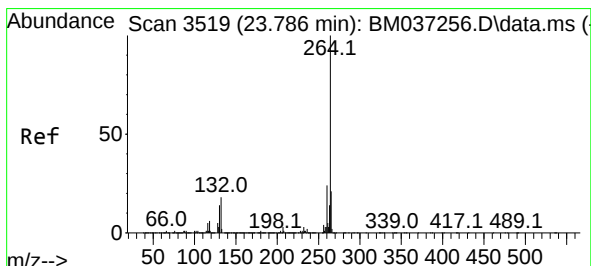
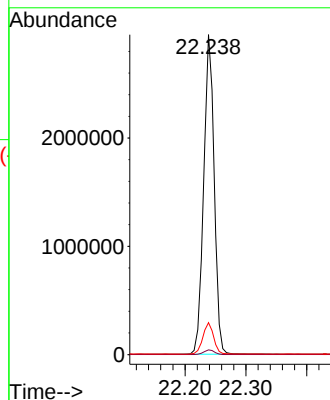
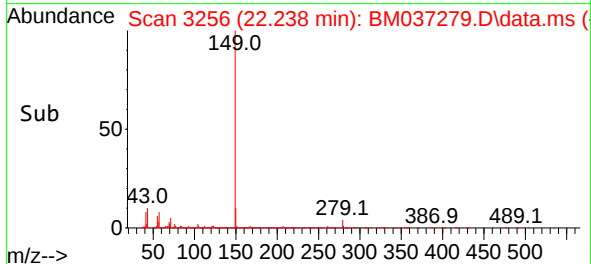
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



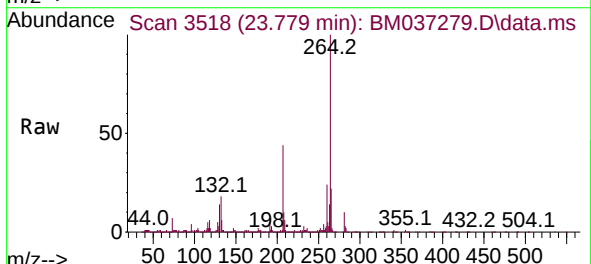
Tgt Ion:149 Resp: 3517669
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.9 8.0 12.0

Manual Integrations
APPROVED

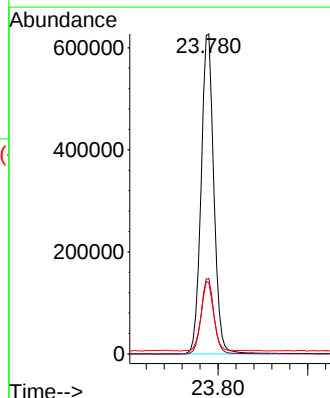
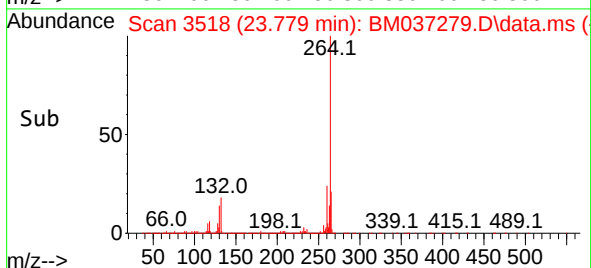
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

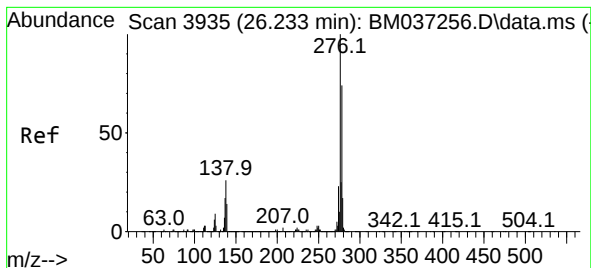


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.779 min Scan# 3518
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00



Tgt Ion:264 Resp: 1236614
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 22.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.992 ng

RT: 26.221 min Scan# 3935

Delta R.T. -0.012 min

Lab File: BM037279.D

Acq: 29 Oct 2022 20:00

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMSD

Tgt Ion:276 Resp: 4859300

Ion Ratio Lower Upper

276 100

138 26.9 21.5 32.3

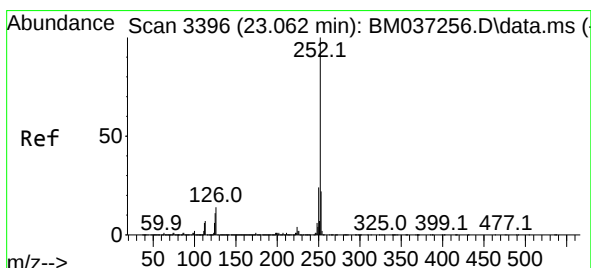
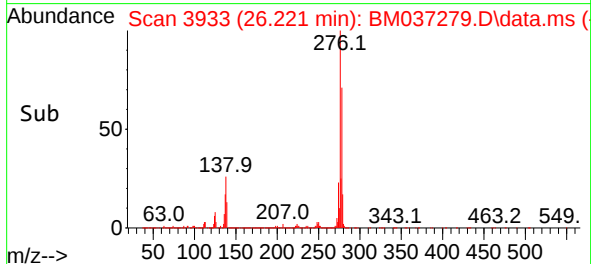
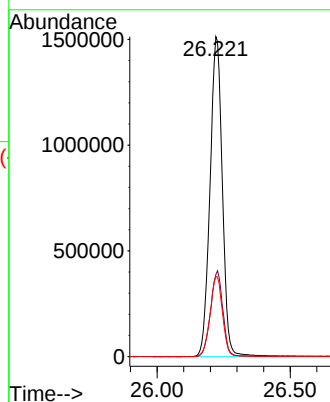
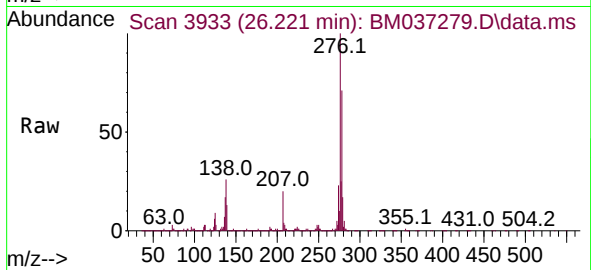
277 25.3 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#88

Benzo(b)fluoranthene

Concen: 44.694 ng

RT: 23.062 min Scan# 3396

Delta R.T. -0.000 min

Lab File: BM037279.D

Acq: 29 Oct 2022 20:00

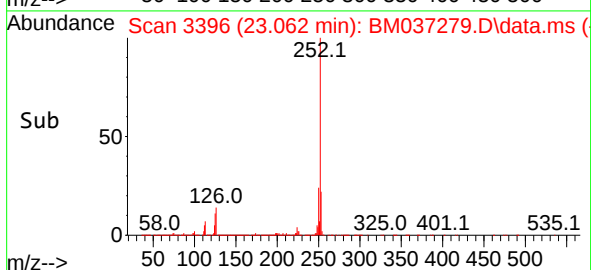
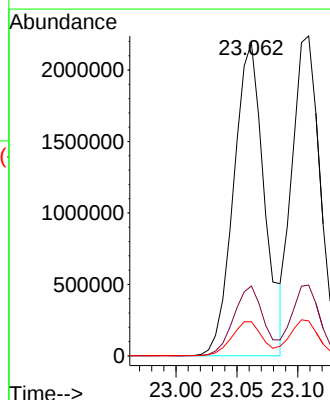
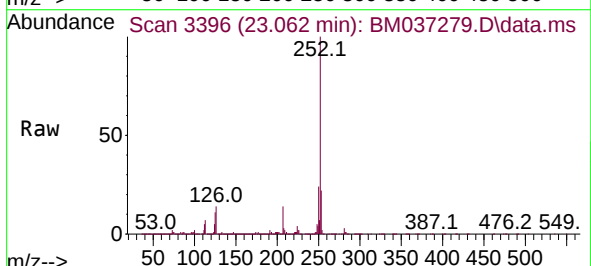
Tgt Ion:252 Resp: 3837085

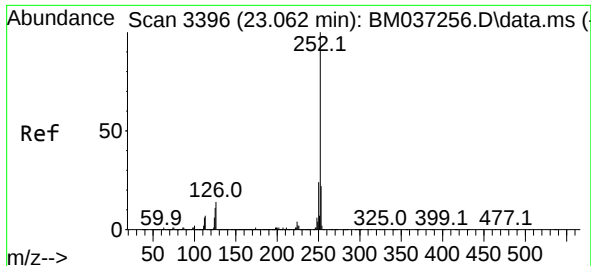
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 10.9 9.1 13.7





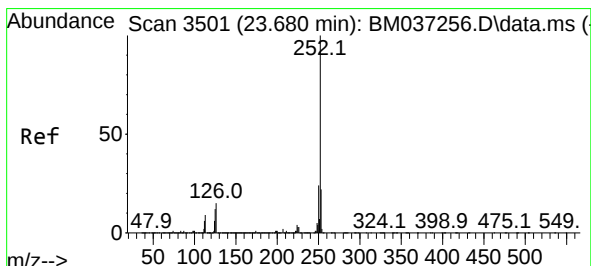
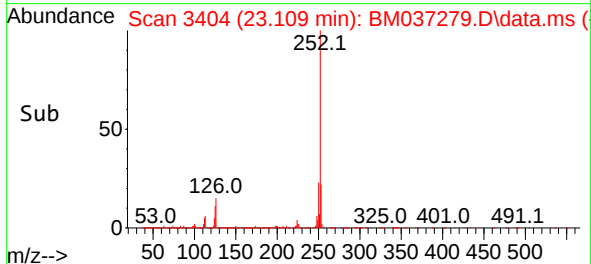
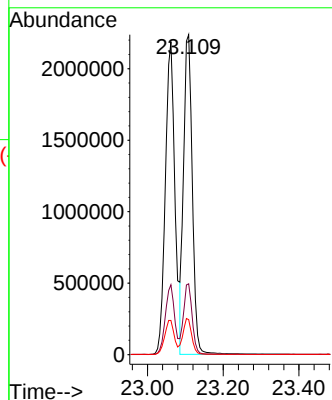
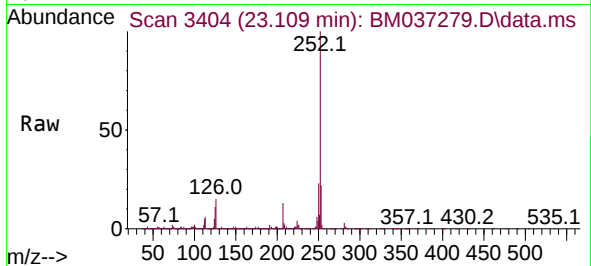
#89
Benzo(k)fluoranthene
Concen: 41.201 ng
RT: 23.109 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD

Tgt Ion:252 Resp: 3607994
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.9 9.1 13.7

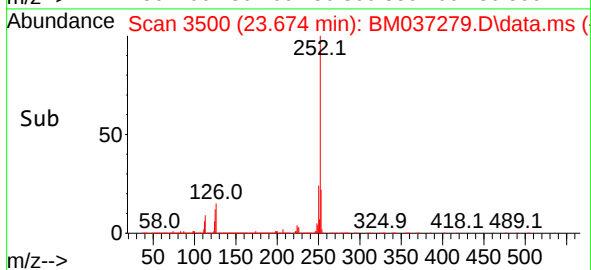
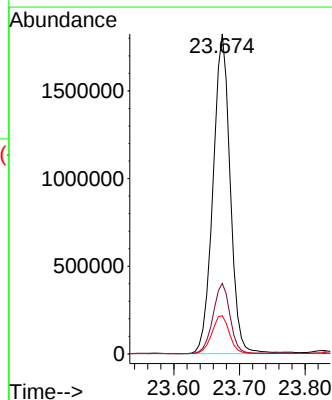
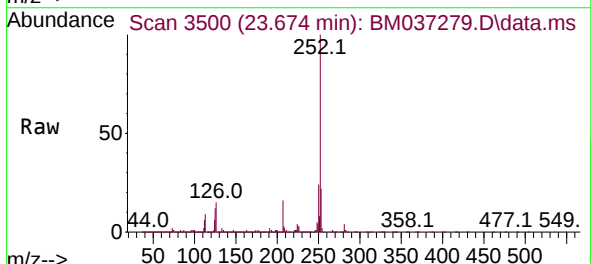
Manual Integrations
APPROVED

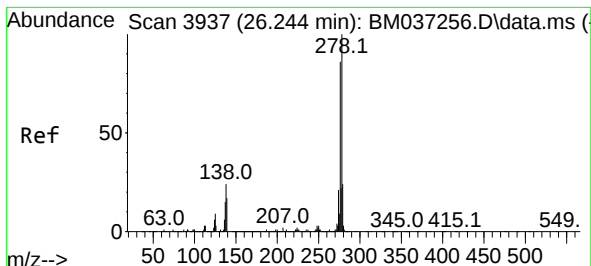
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#90
Benzo(a)pyrene
Concen: 47.382 ng
RT: 23.674 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

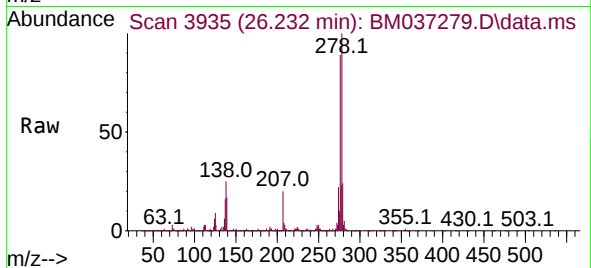
Tgt Ion:252 Resp: 3314373
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.9 9.9 14.9





#91
Dibenzo(a,h)anthracene
Concen: 50.600 ng
RT: 26.232 min Scan# 3937
Delta R.T. -0.012 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00

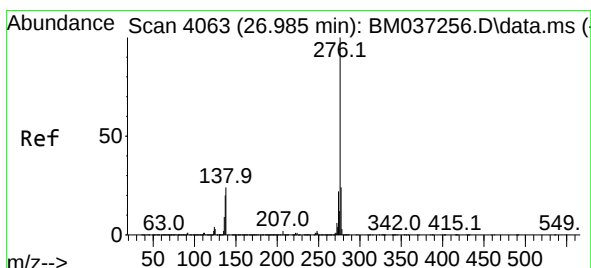
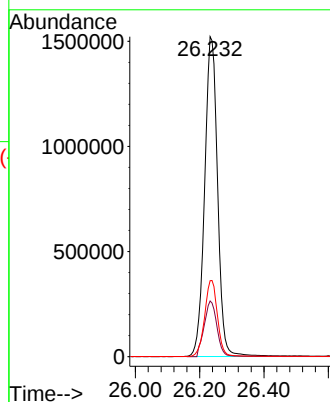
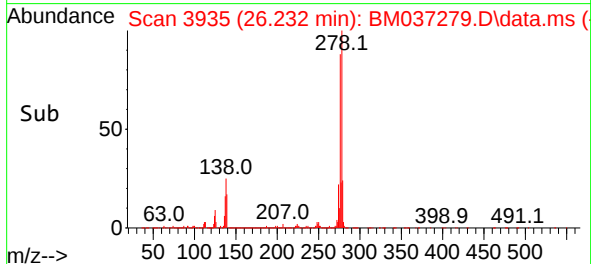
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD



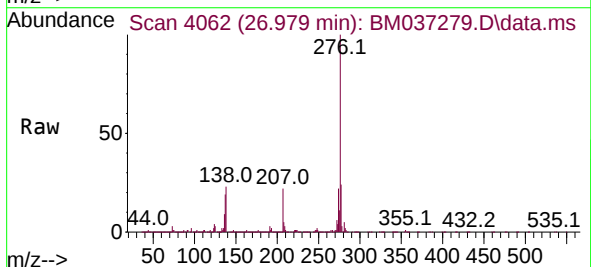
Tgt Ion:278 Resp: 4254582
Ion Ratio Lower Upper
278 100
139 17.4 13.8 20.8
279 23.7 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#92
Benzo(g,h,i)perylene
Concen: 50.701 ng
RT: 26.979 min Scan# 4062
Delta R.T. -0.006 min
Lab File: BM037279.D
Acq: 29 Oct 2022 20:00



Tgt Ion:276 Resp: 4149072
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.2
138 23.0 18.9 28.3

