

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
 Data File : BM037504.D
 Acq On : 14 Nov 2022 16:12
 Operator : CG/JU
 Sample : PB148855BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB148855BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/15/2022
 Supervised By : mohammad ahmed 11/17/2022

Quant Time: Nov 15 00:03:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 14 01:42:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	225934	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	994103	20.000	ng	-0.01
39) Acenaphthene-d10	14.439	164	623567	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1245901	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1371016	20.000	ng	0.00
86) Perylene-d12	23.709	264	1341346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1072563	89.649	ng	0.00
7) Phenol-d6	6.975	99	1437316	83.499	ng	0.00
23) Nitrobenzene-d5	8.969	82	891752	46.616	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	1218814	141.358	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2750932	61.312	ng	0.00
79) Terphenyl-d14	19.821	244	6540020	95.268	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	113678	22.991	ng	99
3) Pyridine	3.651	79	298483	19.588	ng	99
4) n-Nitrosodimethylamine	3.569	42	163388	23.469	ng	# 96
6) Aniline	7.128	93	483313	22.191	ng	100
8) 2-Chlorophenol	7.357	128	415806	25.771	ng	99
9) Benzaldehyde	6.945	77	95067	10.051	ng	100
10) Phenol	7.004	94	525585	26.807	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	381760	24.050	ng	99
12) 1,3-Dichlorobenzene	7.681	146	413907	23.929	ng	97
13) 1,4-Dichlorobenzene	7.828	146	429009	23.998	ng	99
14) 1,2-Dichlorobenzene	8.145	146	417899	23.755	ng	99
15) Benzyl Alcohol	8.051	79	365473	27.492	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.333	45	546113	23.634	ng	99
17) 2-Methylphenol	8.251	107	351593	25.266	ng	98
18) Hexachloroethane	8.863	117	165939	24.778	ng	95
19) n-Nitroso-di-n-propyla...	8.610	70	327333	24.082	ng	97
20) 3+4-Methylphenols	8.581	107	509660	26.093	ng	99
22) Acetophenone	8.628	105	629025	24.467	ng	# 99
24) Nitrobenzene	9.010	77	468013	23.718	ng	100
25) Isophorone	9.533	82	1006802	28.528	ng	99
26) 2-Nitrophenol	9.716	139	222195	24.141	ng	96
27) 2,4-Dimethylphenol	9.780	122	459957	34.788	ng	98
28) bis(2-Chloroethoxy)met...	10.022	93	557857	27.408	ng	100
29) 2,4-Dichlorophenol	10.251	162	466632	29.357	ng	99
30) 1,2,4-Trichlorobenzene	10.457	180	402120	23.285	ng	98
31) Naphthalene	10.645	128	1298460	23.055	ng	100
32) Benzoic acid	9.951	122	427561	34.395	ng	97
33) 4-Chloroaniline	10.774	127	460219	20.230	ng	99
34) Hexachlorobutadiene	10.916	225	232007	23.062	ng	96
35) Caprolactam	11.586	113	219716m	39.437	ng	
36) 4-Chloro-3-methylphenol	11.904	107	657884	38.119	ng	99
37) 2-Methylnaphthalene	12.263	142	1035109	26.116	ng	99
38) 1-Methylnaphthalene	12.480	142	1008912	25.608	ng	99
40) 1,2,4,5-Tetrachloroben...	12.627	216	539342	29.768	ng	99
41) Hexachlorocyclopentadiene	12.598	237	551552	61.866	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	495775	37.738	ng	99

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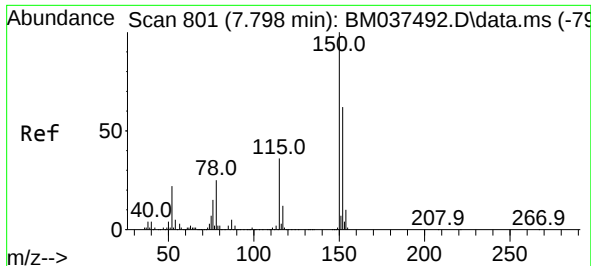
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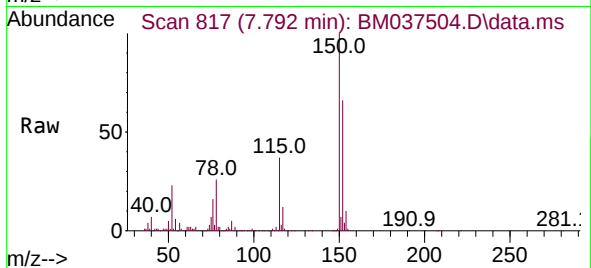
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	586853	40.345	ng	99
46) 1,1'-Biphenyl	13.274	154	1605331	33.245	ng	99
47) 2-Chloronaphthalene	13.316	162	1236876	31.851	ng	99
48) 2-Nitroaniline	13.539	65	476750	39.862	ng	98
49) Acenaphthylene	14.163	152	2260929	36.350	ng	100
50) Dimethylphthalate	13.915	163	1960621	39.284	ng	100
51) 2,6-Dinitrotoluene	14.039	165	436563	40.709	ng	99
52) Acenaphthene	14.504	154	1362517	35.887	ng	99
53) 3-Nitroaniline	14.368	138	345519	28.453	ng	99
54) 2,4-Dinitrophenol	14.580	184	597232	80.690	ng	98
55) Dibenzofuran	14.839	168	2253972	37.126	ng	100
56) 4-Nitrophenol	14.692	139	841273	79.997	ng	99
57) 2,4-Dinitrotoluene	14.827	165	632345	42.593	ng	98
58) Fluorene	15.492	166	1987759	38.609	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.068	232	533133	40.178	ng	99
60) Diethylphthalate	15.274	149	2032601	39.940	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	947201	39.372	ng	98
62) 4-Nitroaniline	15.539	138	434973	36.478	ng	100
63) Azobenzene	15.780	77	1882920	39.537	ng	99
65) 4,6-Dinitro-2-methylph...	15.586	198	350874	41.769	ng	97
66) n-Nitrosodiphenylamine	15.709	169	1718520	42.996	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	587891	42.158	ng	98
68) Hexachlorobenzene	16.486	284	742512	42.676	ng	99
69) Atrazine	16.662	200	528781	47.539	ng	99
70) Pentachlorophenol	16.839	266	1000024	97.627	ng	99
71) Phenanthrene	17.233	178	3152211	41.215	ng	100
72) Anthracene	17.321	178	3189732	43.492	ng	100
73) Carbazole	17.603	167	2992834	43.645	ng	100
74) Di-n-butylphthalate	18.162	149	3577273	39.197	ng	100
75) Fluoranthene	19.250	202	3714123	40.741	ng	99
77) Benzidine	19.450	184	1663307	72.928	ng	100
78) Pyrene	19.615	202	3983916	44.309	ng	99
80) Butylbenzylphthalate	20.515	149	1677861	43.407	ng	98
81) Benzo(a)anthracene	21.362	228	4055938	42.203	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1270581	40.690	ng	99
83) Chrysene	21.415	228	3843932	41.429	ng	100
84) Bis(2-ethylhexyl)phtha...	21.291	149	2554283	44.853	ng	98
85) Di-n-octyl phthalate	22.191	149	4262108	43.611	ng	100
87) Indeno(1,2,3-cd)pyrene	26.132	276	4468407	40.335	ng	100
88) Benzo(b)fluoranthene	23.003	252	4224251	46.967	ng	99
89) Benzo(k)fluoranthene	23.050	252	4198716	46.028	ng	99
90) Benzo(a)pyrene	23.615	252	3598559	48.015	ng	100
91) Dibenzo(a,h)anthracene	26.144	278	3855796	42.018	ng	99
92) Benzo(g,h,i)perylene	26.868	276	3582449	40.347	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.792 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM037504.D
 Acq: 14 Nov 2022 16:12

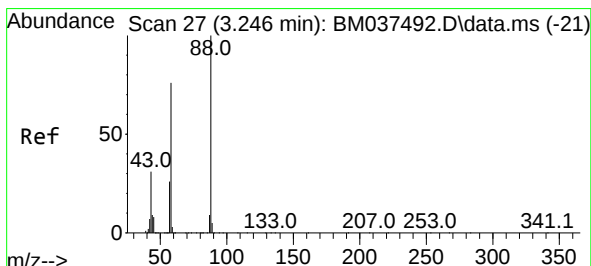
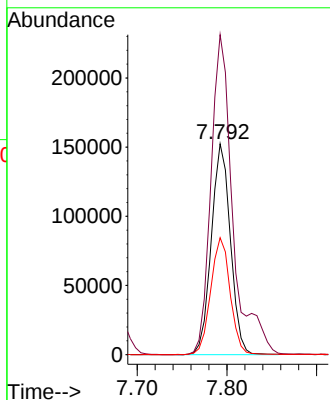
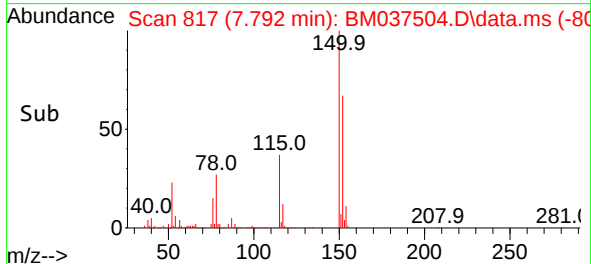
Instrument :
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 PB148855BSD



Tgt Ion:152 Resp: 225934
 Ion Ratio Lower Upper
 152 100
 150 151.8 129.8 194.6
 115 55.4 46.6 69.8

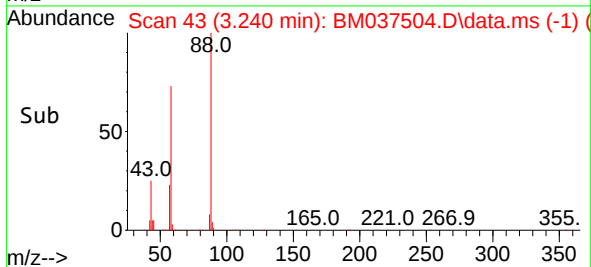
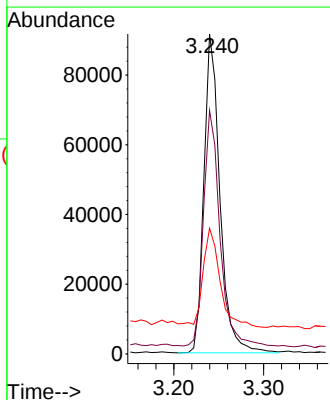
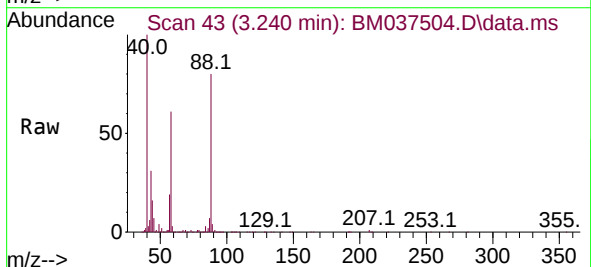
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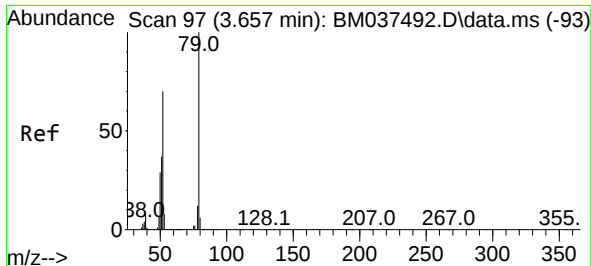
Reviewed By :Christian Giraldo 11/15/2022
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#2
 1,4-Dioxane
 Concen: 22.991 ng
 RT: 3.240 min Scan# 43
 Delta R.T. -0.006 min
 Lab File: BM037504.D
 Acq: 14 Nov 2022 16:12

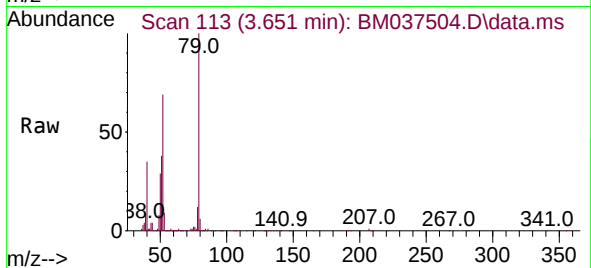
Tgt Ion: 88 Resp: 113678
 Ion Ratio Lower Upper
 88 100
 58 76.6 61.6 92.4
 43 33.0 24.6 37.0





#3
 Pyridine
 Concen: 19.588 ng
 RT: 3.651 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM037504.D
 Acq: 14 Nov 2022 16:12

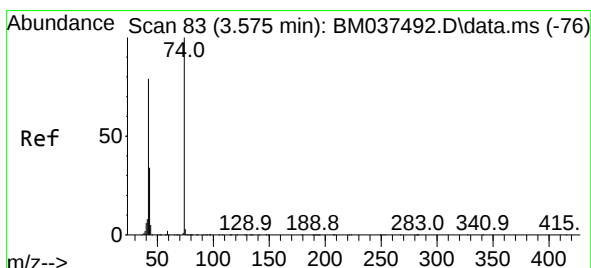
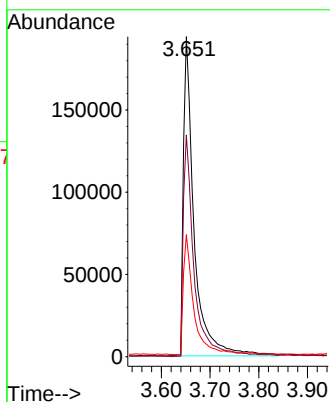
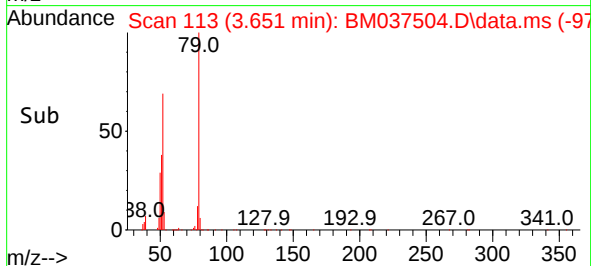
Instrument :
 BNA_M
 ClientSampleId :
 PB148855BSD



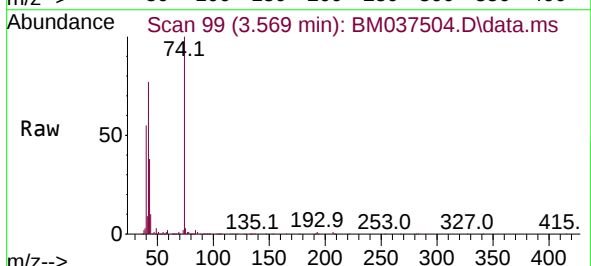
Tgt Ion: 79 Resp: 298483
 Ion Ratio Lower Upper
 79 100
 52 69.3 56.3 84.5
 51 38.1 30.1 45.1

Manual Integrations
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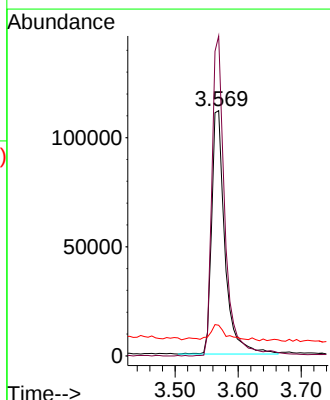
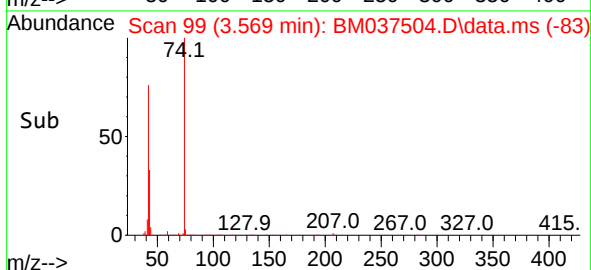
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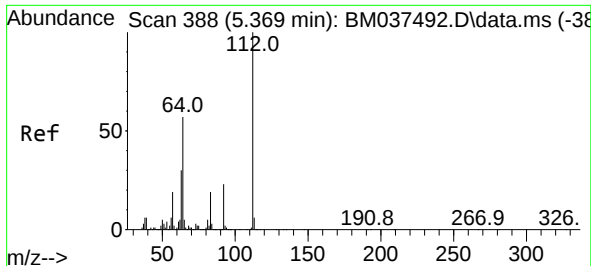


#4
 n-Nitrosodimethylamine
 Concen: 23.469 ng
 RT: 3.569 min Scan# 99
 Delta R.T. -0.006 min
 Lab File: BM037504.D
 Acq: 14 Nov 2022 16:12



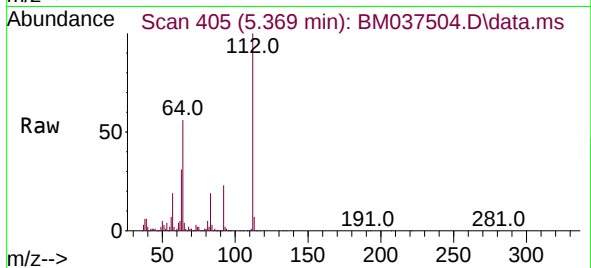
Tgt Ion: 42 Resp: 163388
 Ion Ratio Lower Upper
 42 100
 74 130.5 100.9 151.3
 44 12.5 5.7 8.5





#5
2-Fluorophenol
Concen: 89.649 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

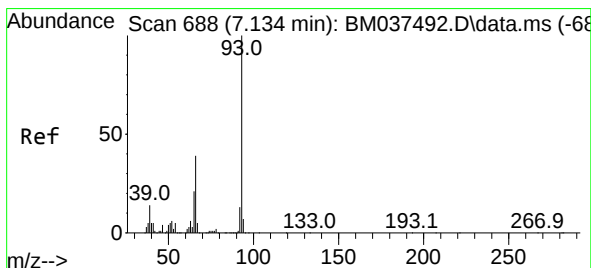
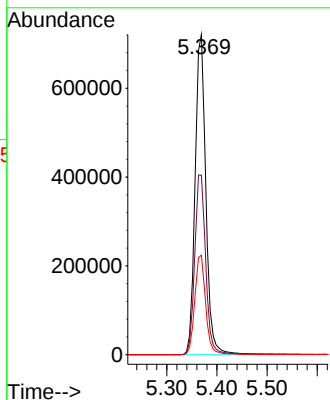
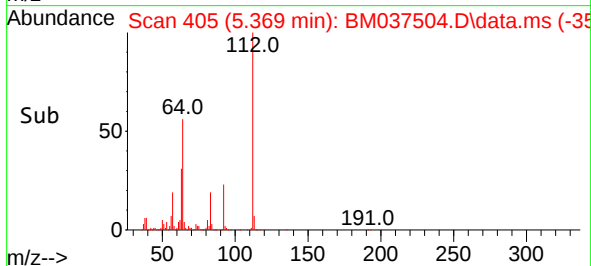
Instrument :
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Tgt Ion: 112 Resp: 1072563
Ion Ratio Lower Upper
112 100
64 56.1 45.9 68.9
63 31.1 24.2 36.4

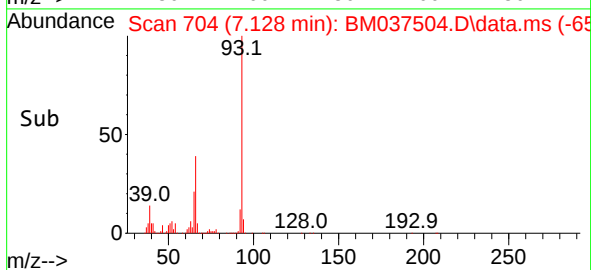
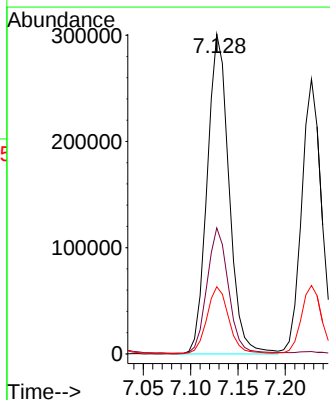
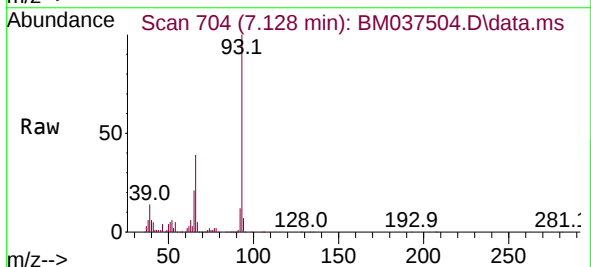
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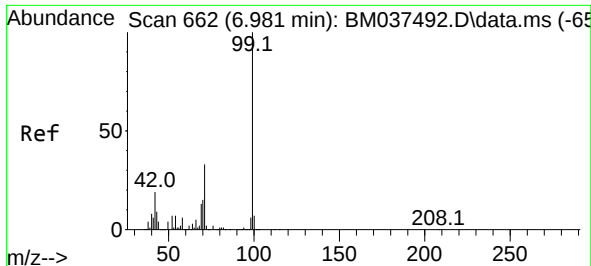
Reviewed By :Christian Giraldo 11/15/2022
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#6
Aniline
Concen: 22.191 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

Tgt Ion: 93 Resp: 483313
Ion Ratio Lower Upper
93 100
66 39.4 31.6 47.4
65 21.0 16.9 25.3





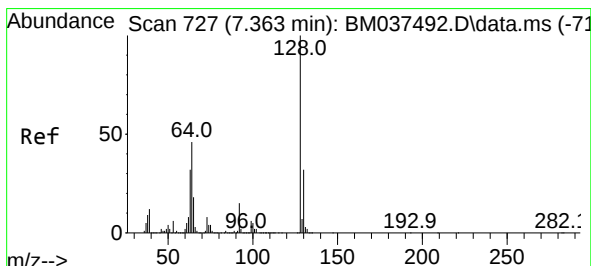
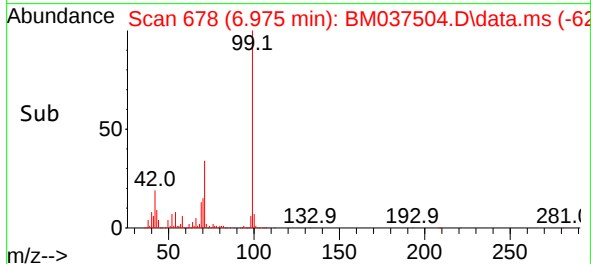
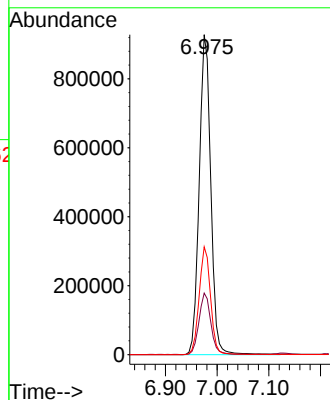
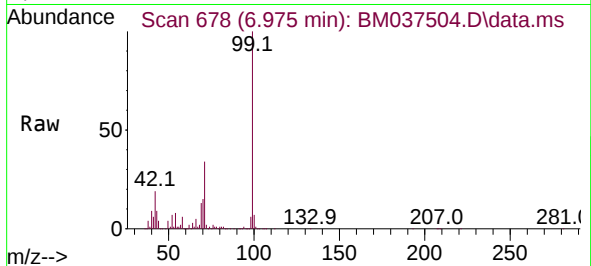
#7
Phenol-d6
Concen: 83.499 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

Instrument :
BNA_M
ClientSampleId :
PB148855BSD

Tgt Ion: 99 Resp: 1437316
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.6
71 33.7 26.2 39.2

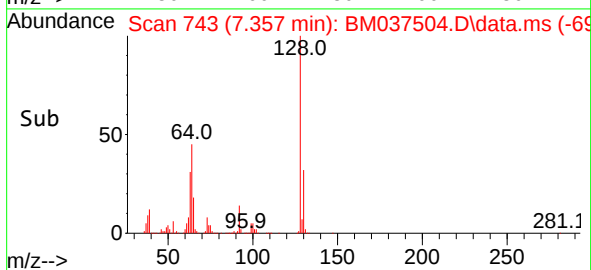
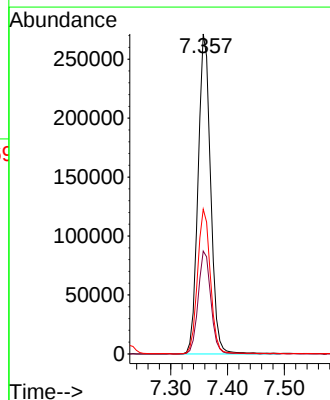
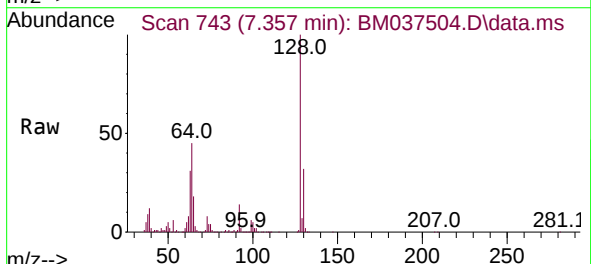
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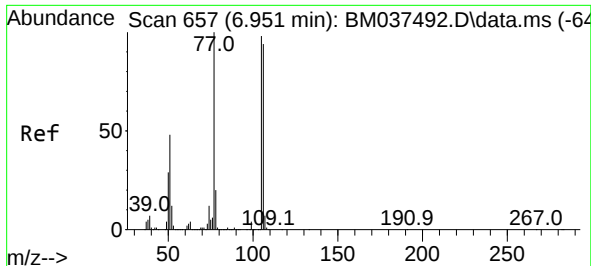
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#8
2-Chlorophenol
Concen: 25.771 ng
RT: 7.357 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

Tgt Ion:128 Resp: 415806
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 45.2 26.7 66.7





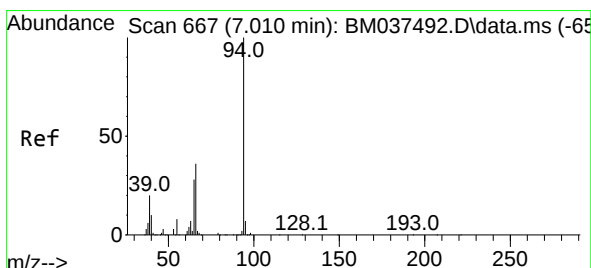
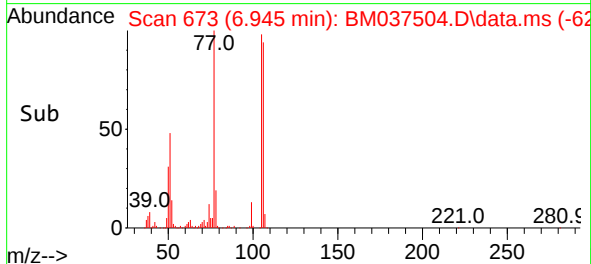
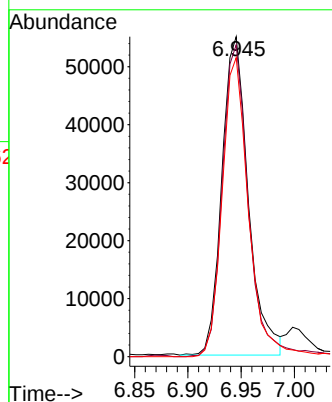
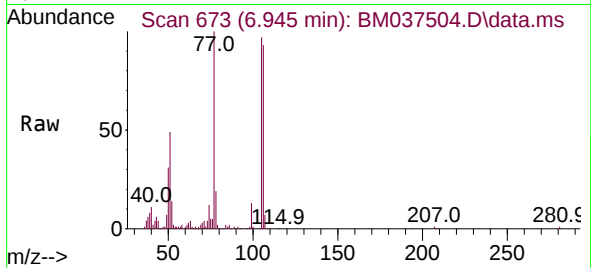
#9
Benzaldehyde
Concen: 10.051 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

Instrument :
BNA_M
ClientSampleId :
PB148855BSD

Tgt Ion: 77 Resp: 95062
Ion Ratio Lower Upper
77 100
105 97.4 77.8 117.8
106 93.4 73.8 113.8

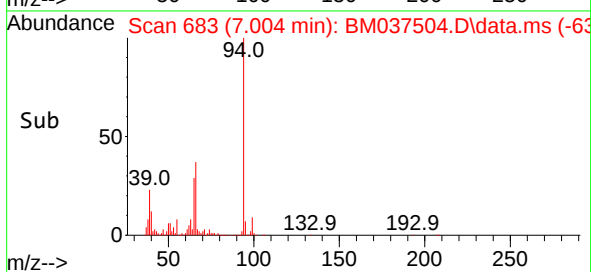
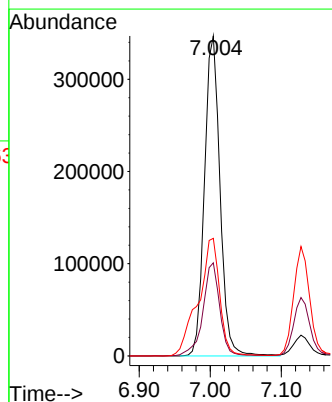
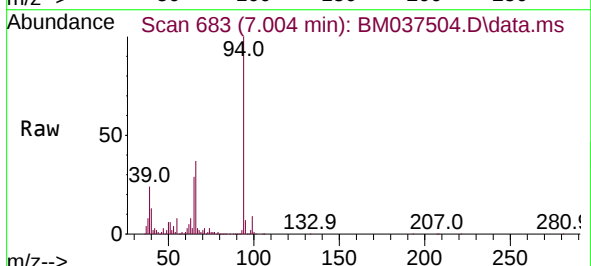
Manual Integrations
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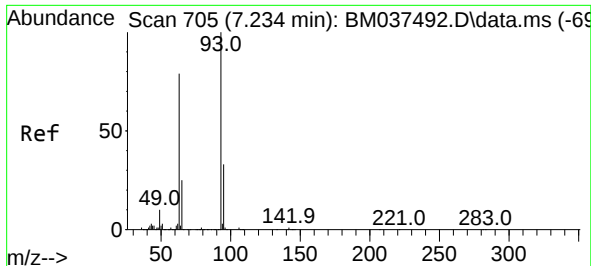
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#10
Phenol
Concen: 26.807 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

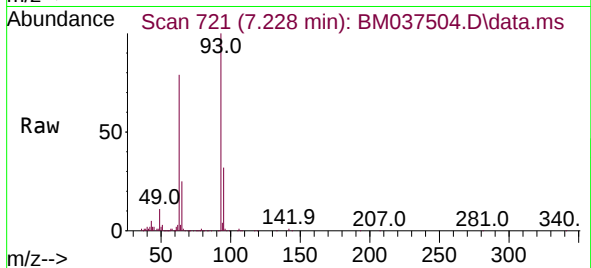
Tgt Ion: 94 Resp: 525585
Ion Ratio Lower Upper
94 100
65 29.1 8.6 48.6
66 36.8 16.5 56.5





#11
bis(2-Chloroethyl)ether
Concen: 24.050 ng
RT: 7.228 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

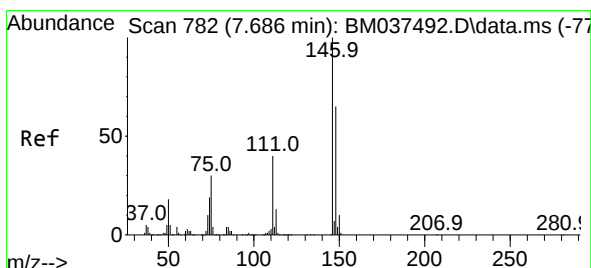
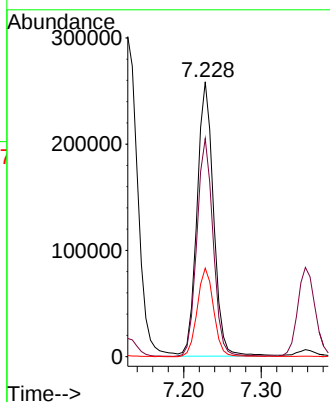
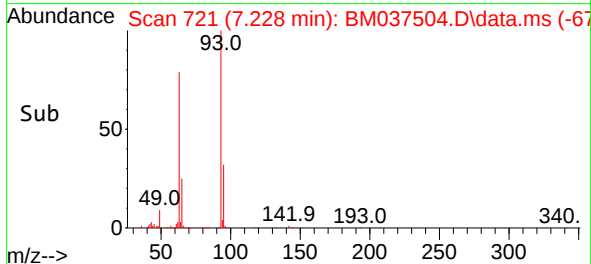
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



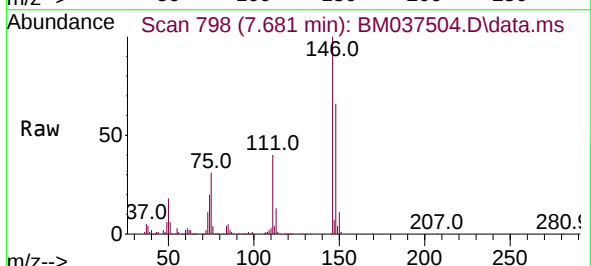
Tgt Ion: 93 Resp: 381760
Ion Ratio Lower Upper
93 100
63 79.3 58.3 98.3
95 32.2 12.6 52.6

Manual Integrations
APPROVED

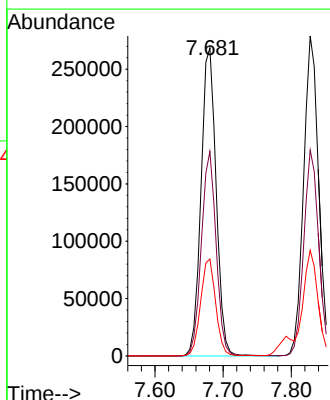
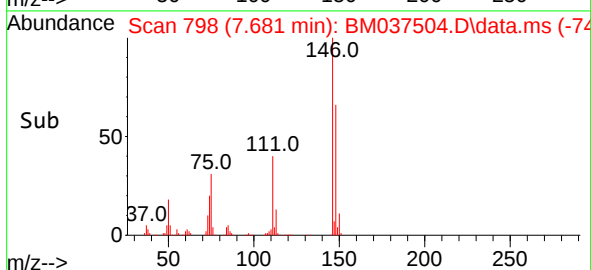
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

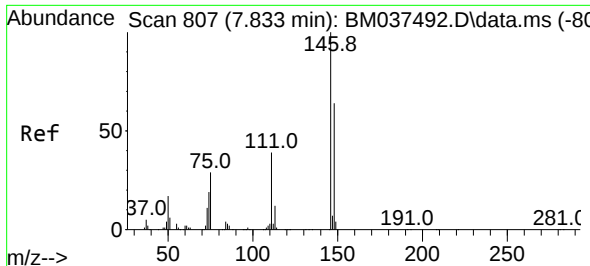


#12
1,3-Dichlorobenzene
Concen: 23.929 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



Tgt Ion:146 Resp: 413907
Ion Ratio Lower Upper
146 100
148 66.4 51.7 77.5
75 31.4 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 23.998 ng

RT: 7.828 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM037504.D

Acq: 14 Nov 2022 16:12

Instrument :

BNA_M

ClientSampleId :

PB148855BSD

Tgt Ion:146 Resp: 429009

Ion Ratio Lower Upper

146 100

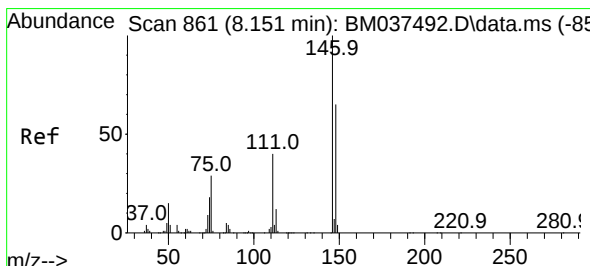
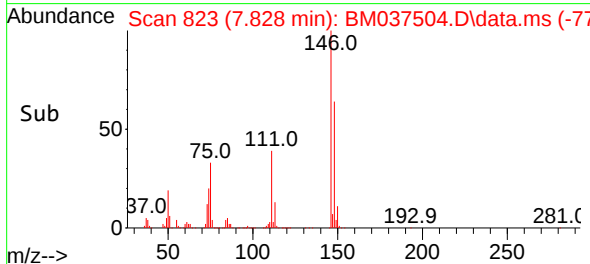
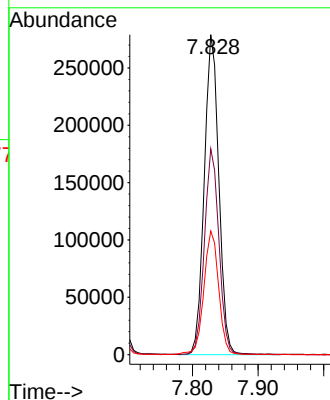
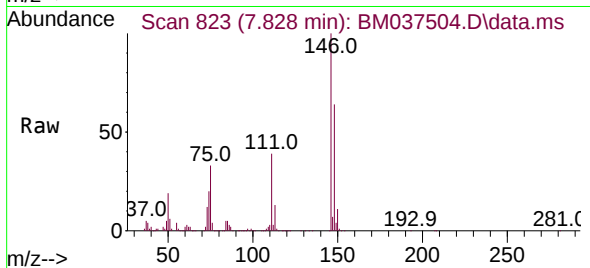
148 64.3 51.6 77.4

111 38.7 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#14

1,2-Dichlorobenzene

Concen: 23.755 ng

RT: 8.145 min Scan# 877

Delta R.T. -0.006 min

Lab File: BM037504.D

Acq: 14 Nov 2022 16:12

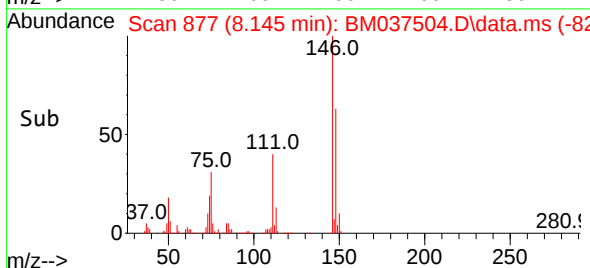
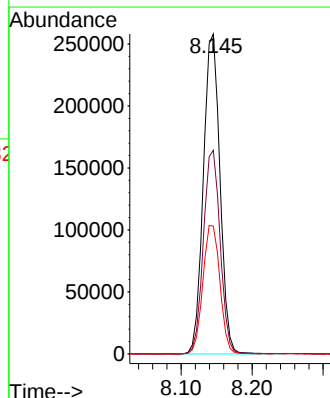
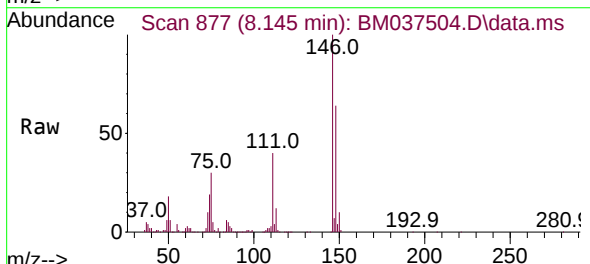
Tgt Ion:146 Resp: 417899

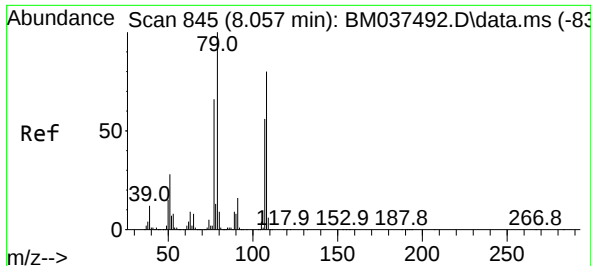
Ion Ratio Lower Upper

146 100

148 63.6 51.7 77.5

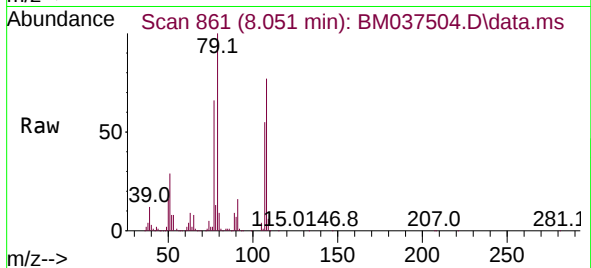
111 39.9 31.9 47.9





#15
Benzyl Alcohol
Concen: 27.492 ng
RT: 8.051 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

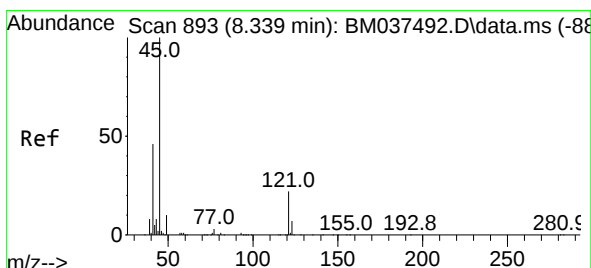
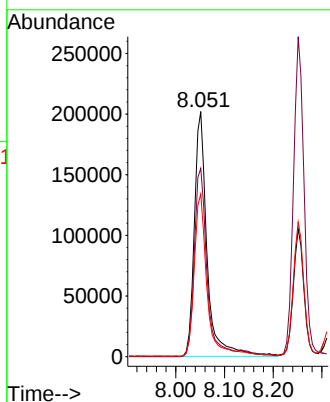
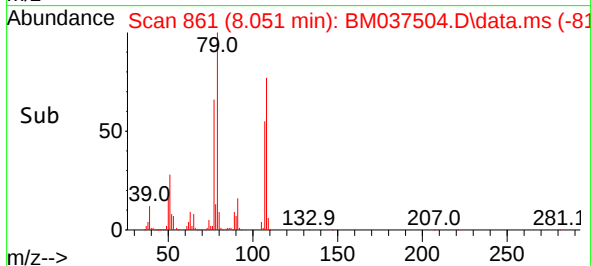
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



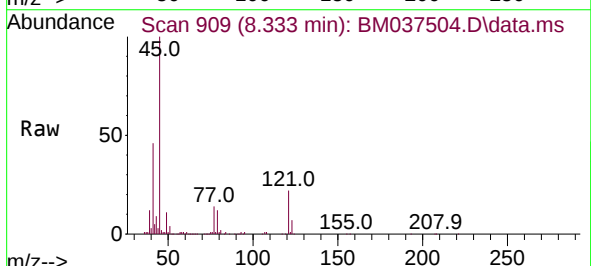
Tgt Ion: 79 Resp: 365473
Ion Ratio Lower Upper
79 100
108 76.8 63.7 95.5
77 66.4 52.7 79.1

Manual Integrations
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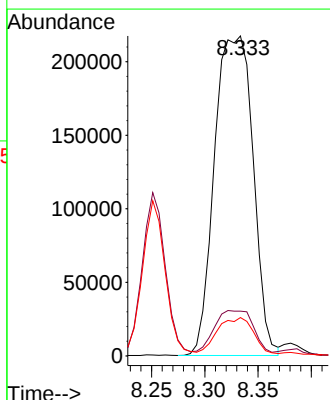
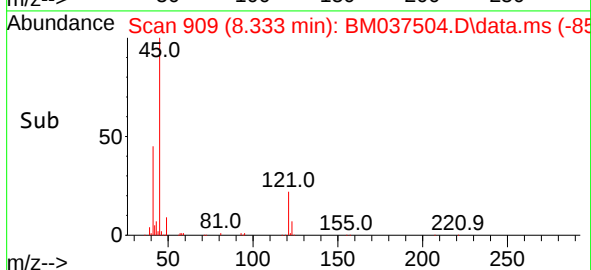
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

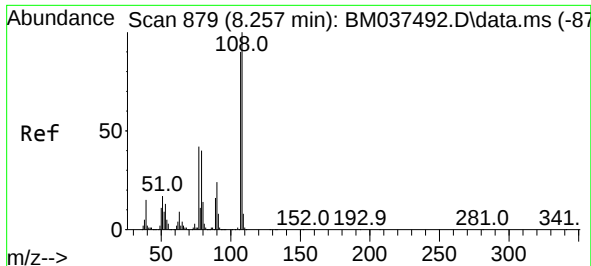


#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.634 ng
RT: 8.333 min Scan# 909
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



Tgt Ion: 45 Resp: 546113
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.3
79 12.0 0.0 31.1





#17

2-Methylphenol

Concen: 25.266 ng

RT: 8.251 min Scan# 895

Delta R.T. -0.006 min

Lab File: BM037504.D

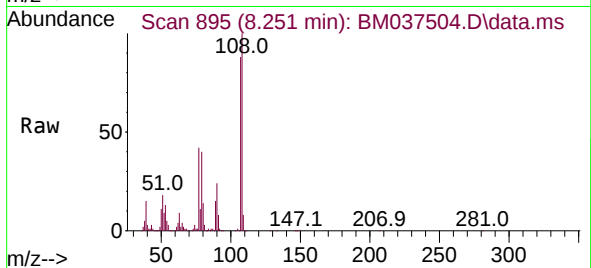
Acq: 14 Nov 2022 16:12

Instrument :

BNA_M

ClientSampleId :

PB148855BSD



Tgt Ion:107 Resp: 351593

Ion Ratio Lower Upper

107 100

108 114.1 88.7 133.1

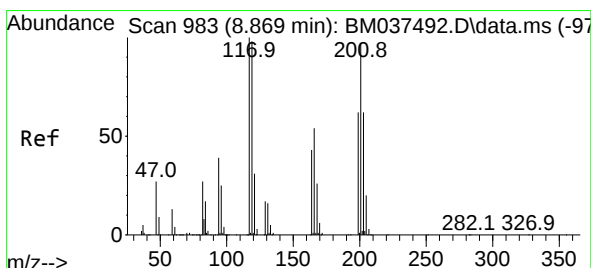
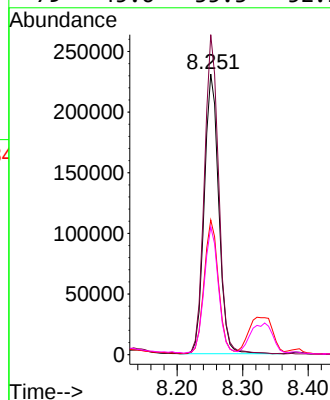
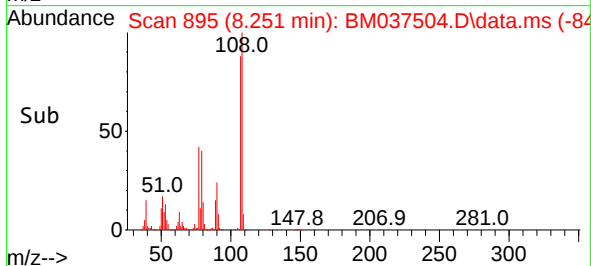
77 48.0 37.8 56.6

79 45.6 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#18

Hexachloroethane

Concen: 24.778 ng

RT: 8.863 min Scan# 999

Delta R.T. -0.006 min

Lab File: BM037504.D

Acq: 14 Nov 2022 16:12

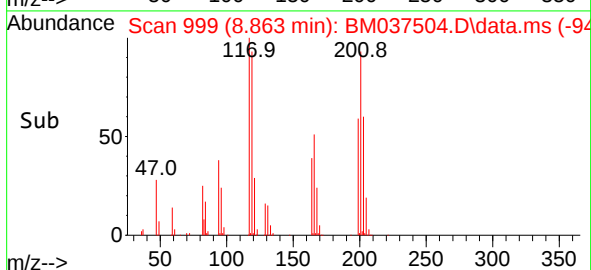
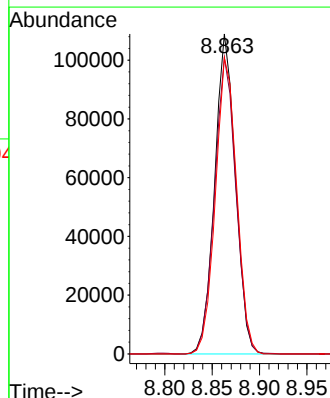
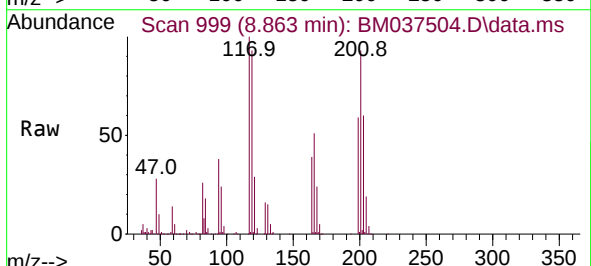
Tgt Ion:117 Resp: 165939

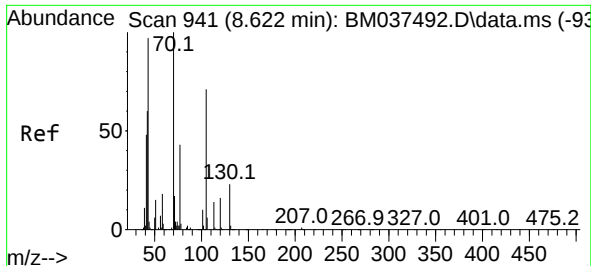
Ion Ratio Lower Upper

117 100

119 92.6 78.5 117.7

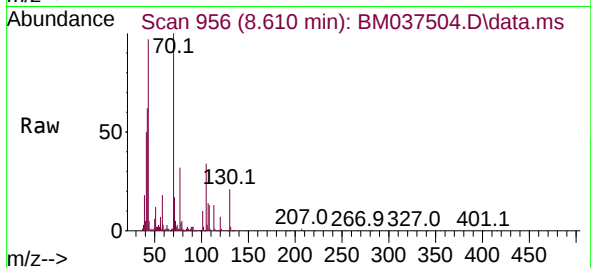
201 92.5 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 24.082 ng
RT: 8.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

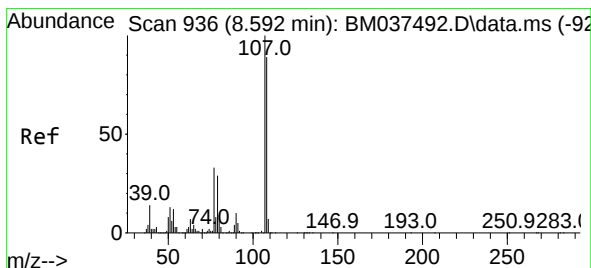
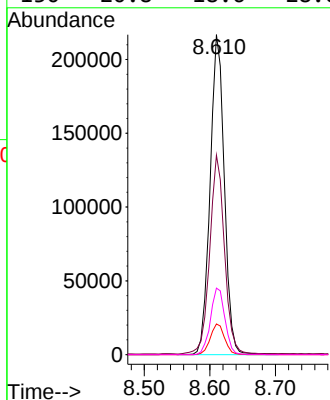
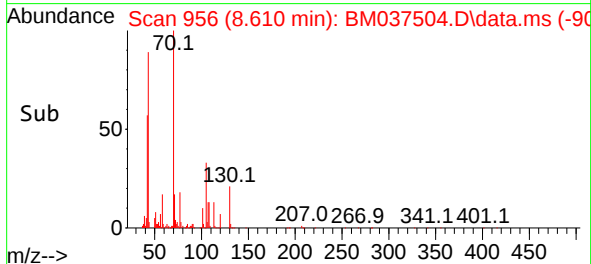
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



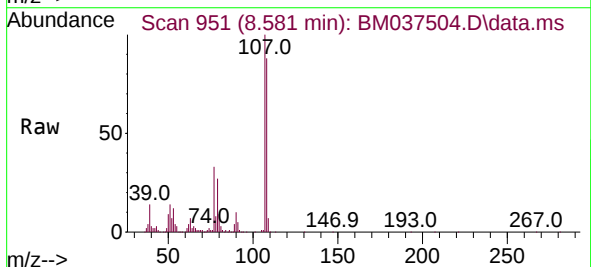
Tgt Ion: 70 Resp: 32733
Ion Ratio Lower Upper
70 100
42 62.3 48.5 72.7
101 9.6 7.8 11.6
130 20.8 18.6 28.0

Manual Integrations
APPROVED

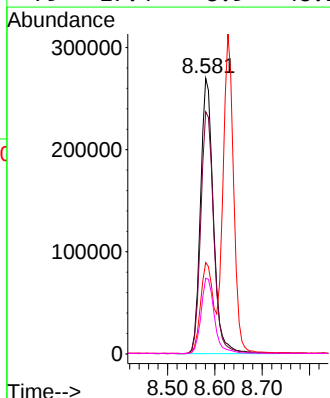
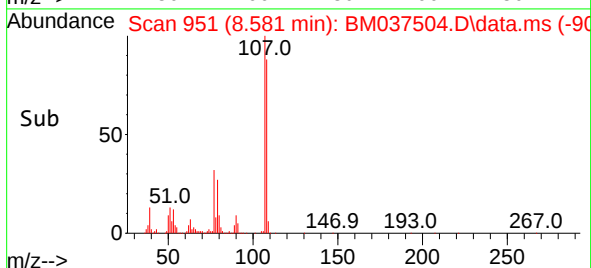
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

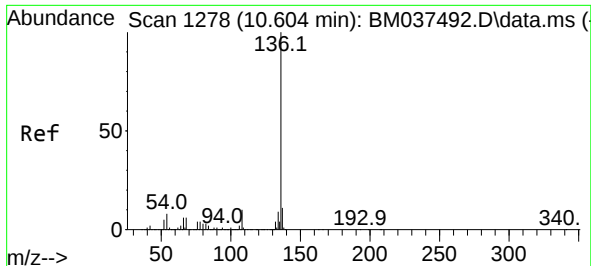


#20
3+4-Methylphenols
Concen: 26.093 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.012 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



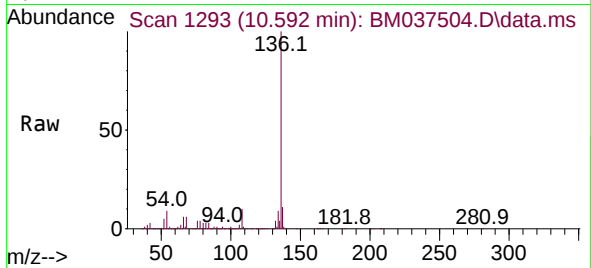
Tgt Ion:107 Resp: 509660
Ion Ratio Lower Upper
107 100
108 87.9 69.2 109.2
77 33.1 12.8 52.8
79 27.4 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

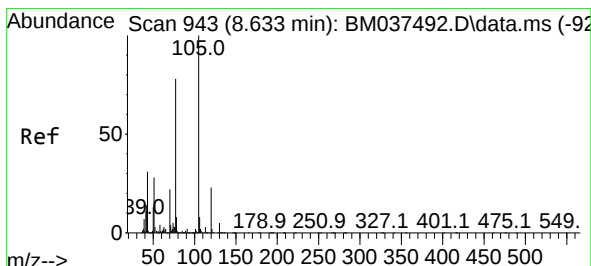
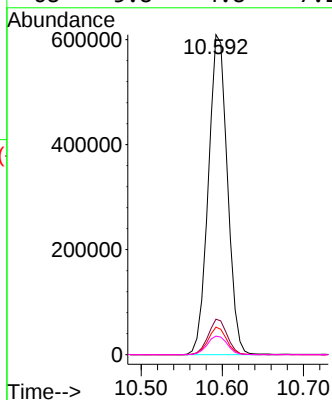
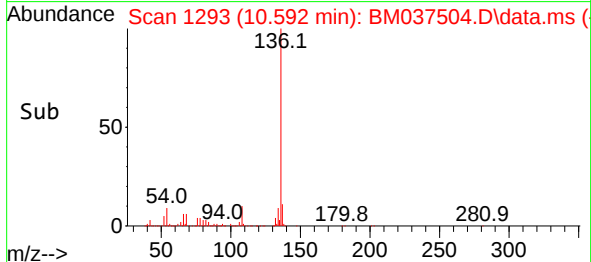
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



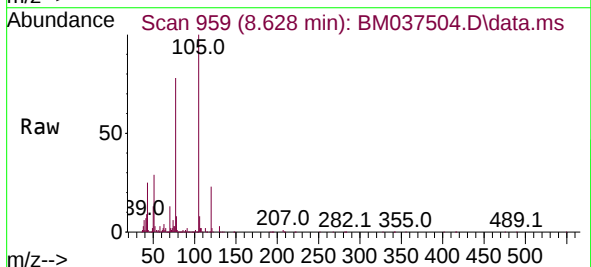
Tgt Ion:136 Resp: 994103
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.6 6.3 9.5
68 5.8 4.8 7.2

Manual Integrations
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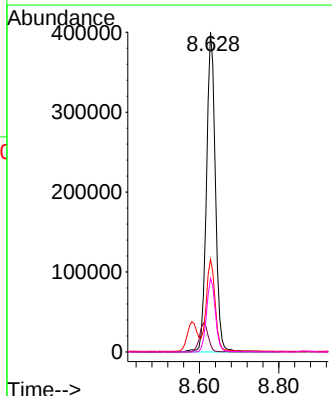
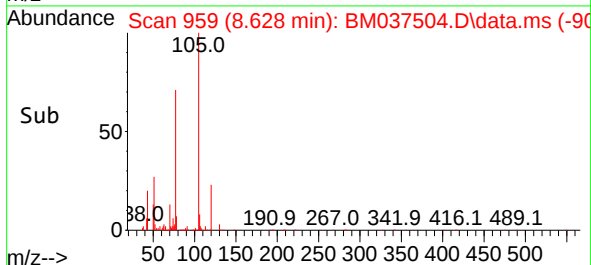
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

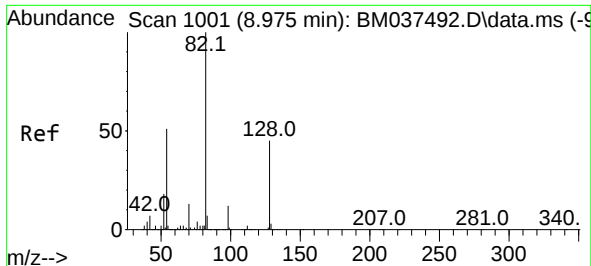


#22
Acetophenone
Concen: 24.467 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



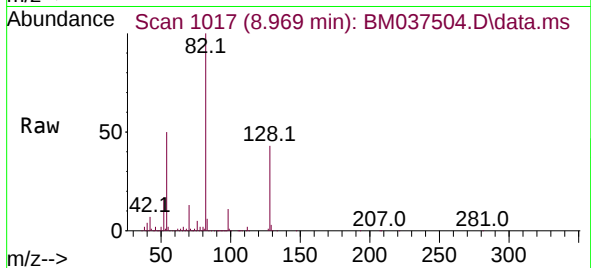
Tgt Ion:105 Resp: 629025
Ion Ratio Lower Upper
105 100
71 2.3 2.9 4.3#
51 29.0 22.9 34.3
120 23.0 18.4 27.6





#23
Nitrobenzene-d5
Concen: 46.616 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

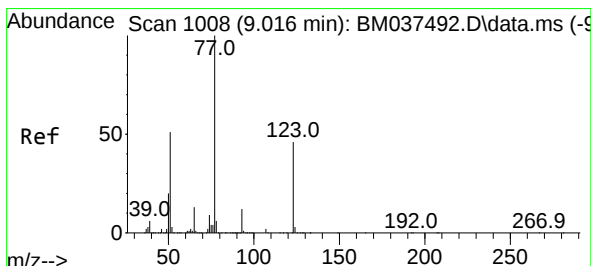
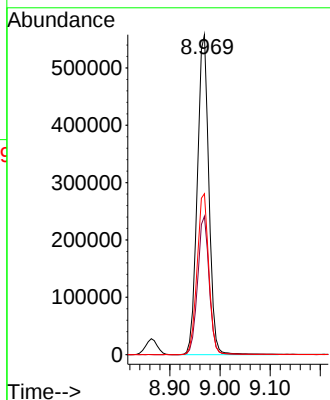
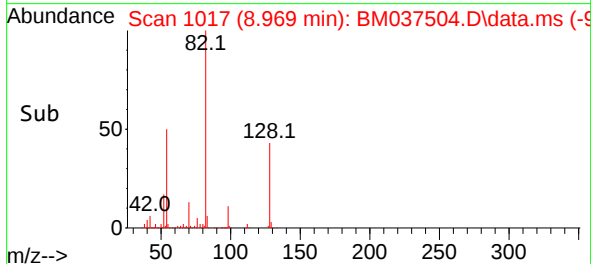
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



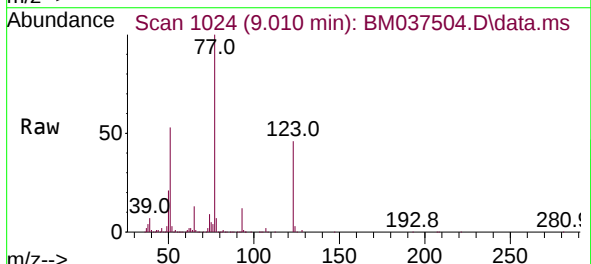
Tgt Ion: 82 Resp: 891752
Ion Ratio Lower Upper
82 100
128 43.2 36.3 54.5
54 50.3 40.7 61.1

Manual Integrations
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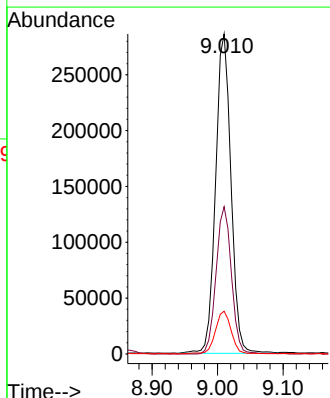
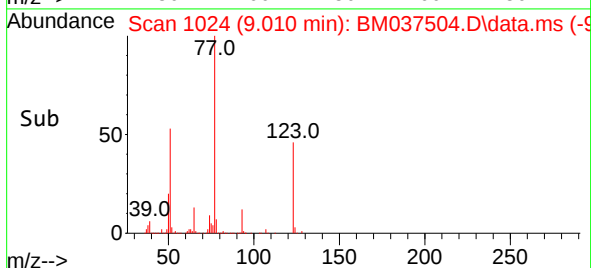
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

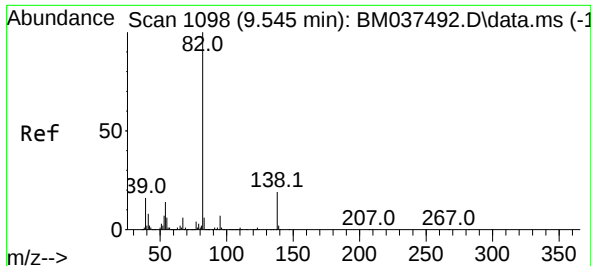


#24
Nitrobenzene
Concen: 23.718 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



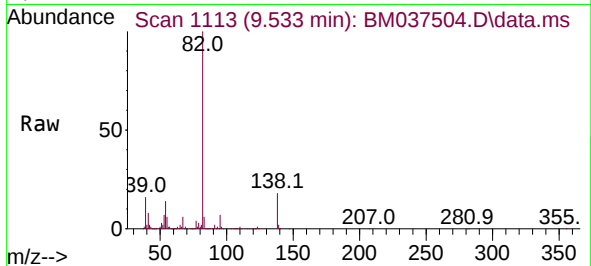
Tgt Ion: 77 Resp: 468013
Ion Ratio Lower Upper
77 100
123 46.0 36.7 55.1
65 13.3 10.7 16.1





#25
Isophorone
Concen: 28.528 ng
RT: 9.533 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

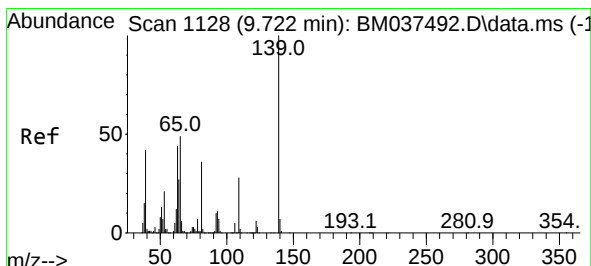
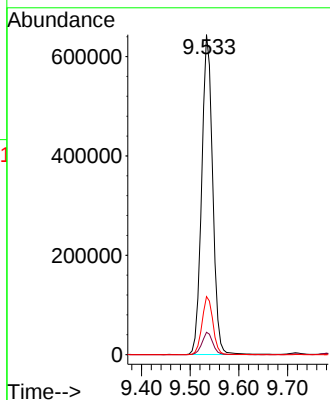
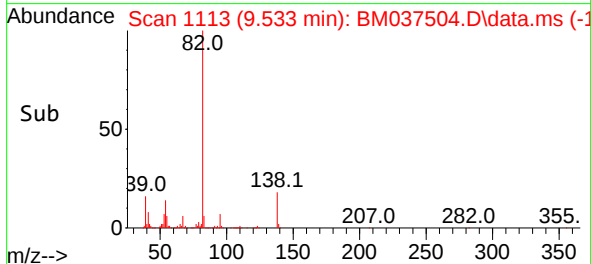
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



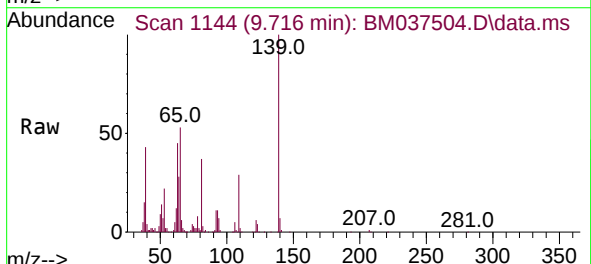
Tgt Ion: 82 Resp: 100680
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 18.1 14.9 22.3

Manual Integrations
APPROVED

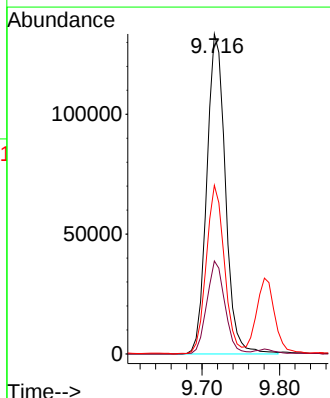
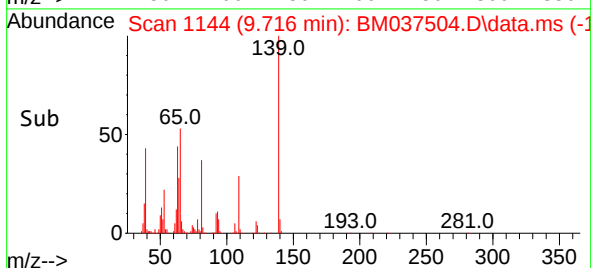
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

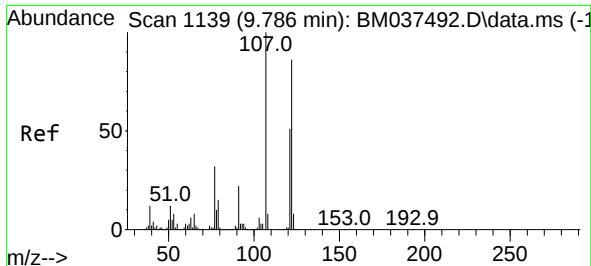


#26
2-Nitrophenol
Concen: 24.141 ng
RT: 9.716 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



Tgt Ion:139 Resp: 222195
Ion Ratio Lower Upper
139 100
109 29.0 22.8 34.2
65 52.7 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 34.788 ng

RT: 9.780 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BM037504.D

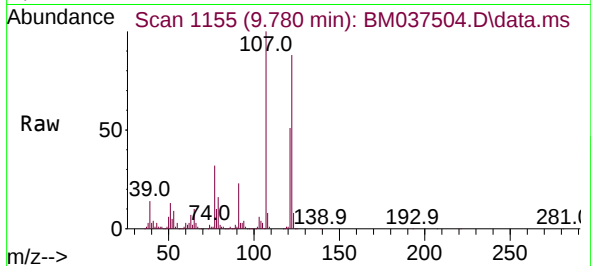
Acq: 14 Nov 2022 16:12

Instrument :

BNA_M

ClientSampleId :

PB148855BSD



Tgt Ion:122 Resp: 459952

Ion Ratio Lower Upper

122 100

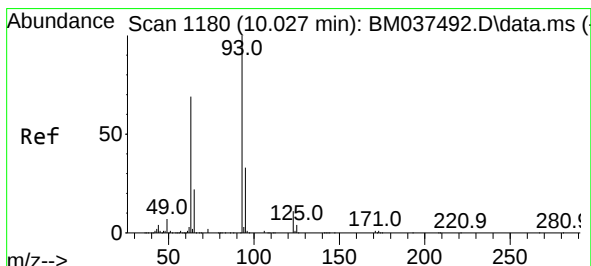
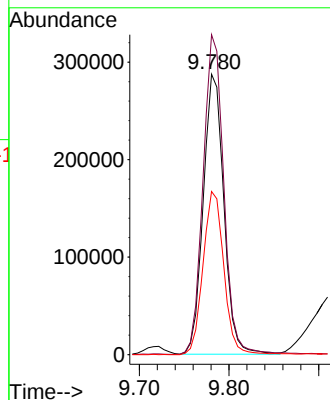
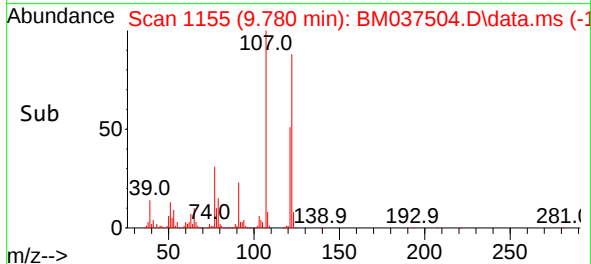
107 114.1 93.0 139.6

121 58.2 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#28

bis(2-Chloroethoxy)methane

Concen: 27.408 ng

RT: 10.022 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BM037504.D

Acq: 14 Nov 2022 16:12

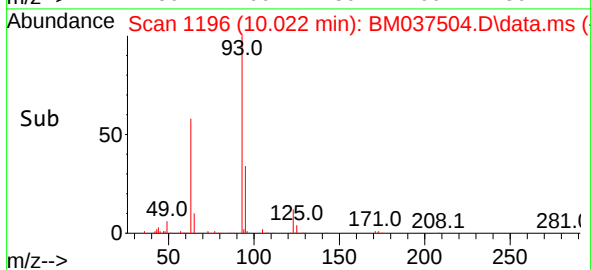
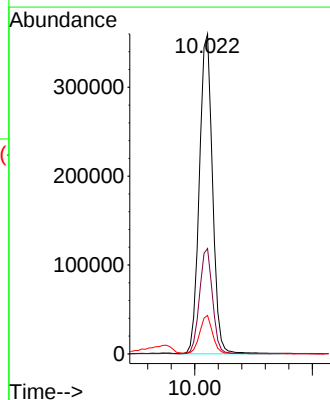
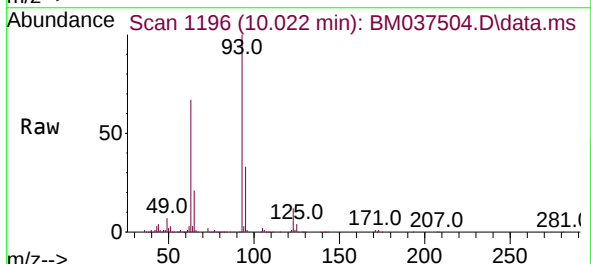
Tgt Ion: 93 Resp: 557857

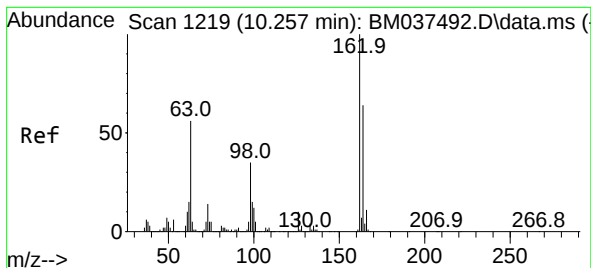
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

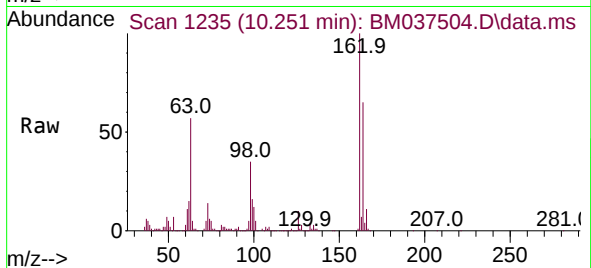
123 12.0 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 29.357 ng
RT: 10.251 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

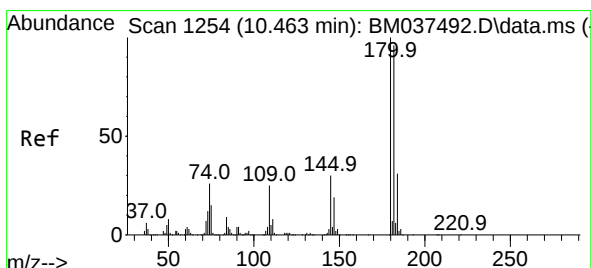
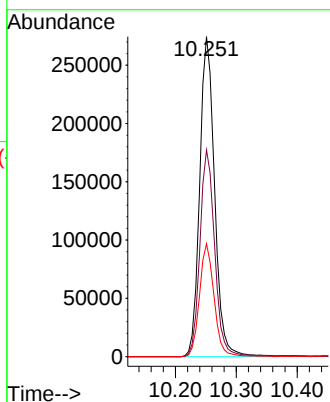
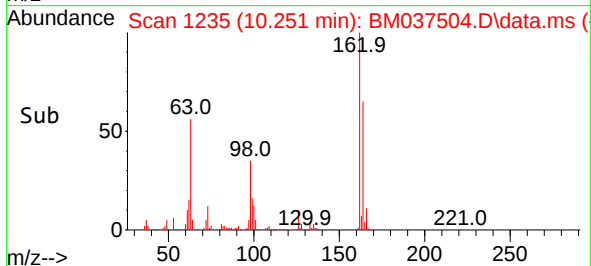
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:162 Resp: 466632
Ion Ratio Lower Upper
162 100
164 64.6 44.1 84.1
98 35.3 14.7 54.7

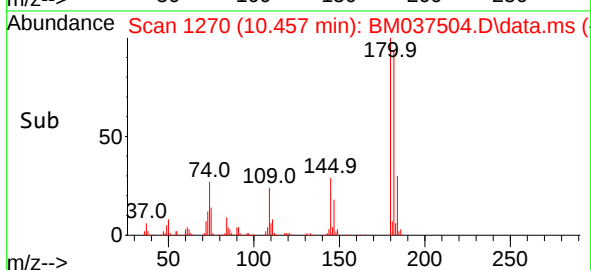
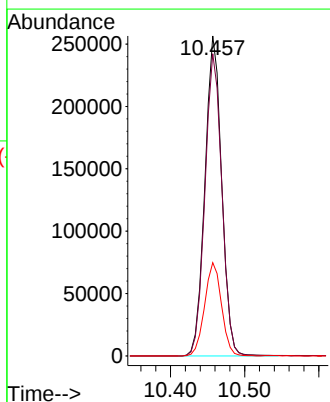
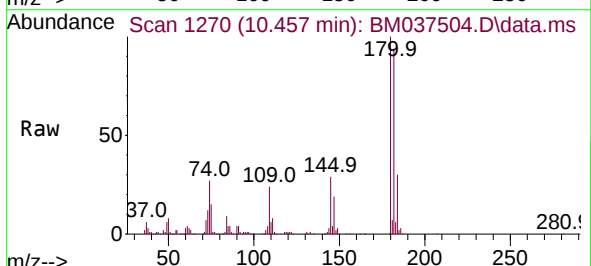
Manual Integrations
APPROVED

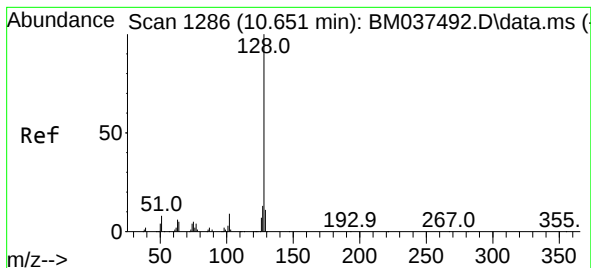
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#30
1,2,4-Trichlorobenzene
Concen: 23.285 ng
RT: 10.457 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

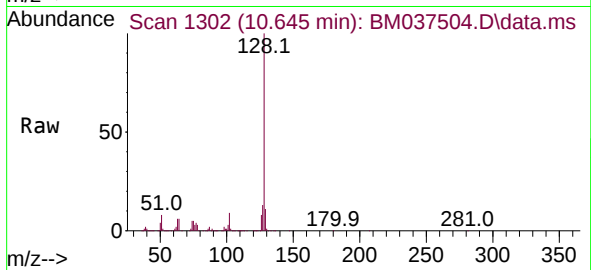
Tgt Ion:180 Resp: 402120
Ion Ratio Lower Upper
180 100
182 94.4 77.0 115.4
145 29.1 23.9 35.9





#31
Naphthalene
Concen: 23.055 ng
RT: 10.645 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

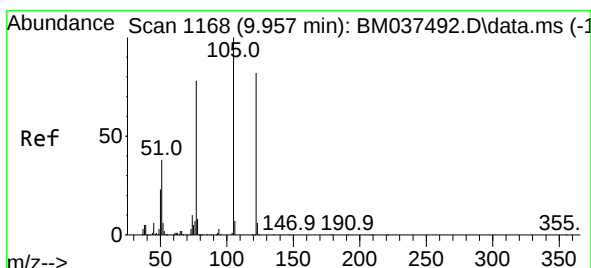
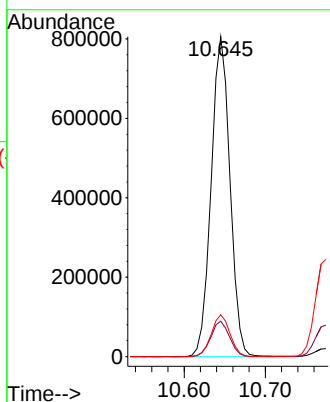
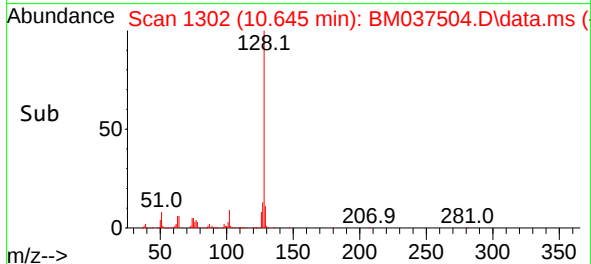
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:128 Resp: 1298460
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.4 15.6

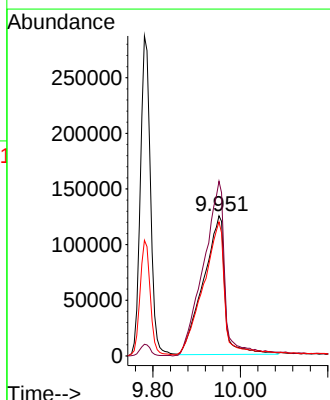
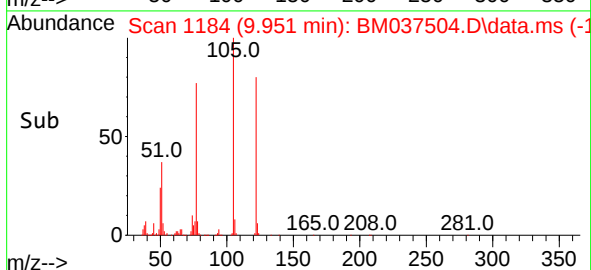
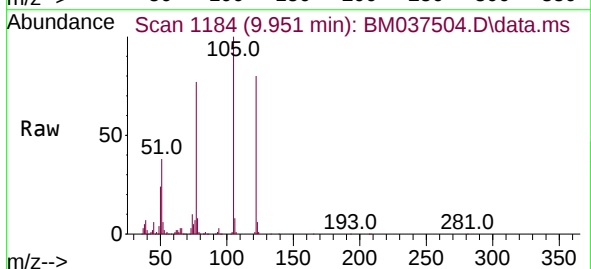
Manual Integrations
APPROVED

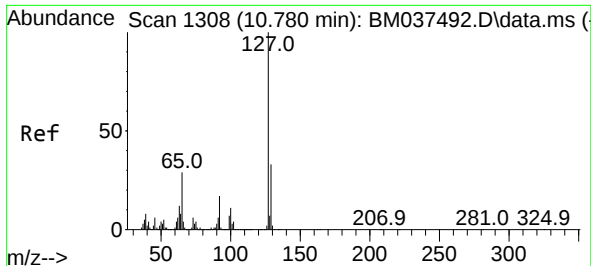
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#32
Benzoic acid
Concen: 34.395 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

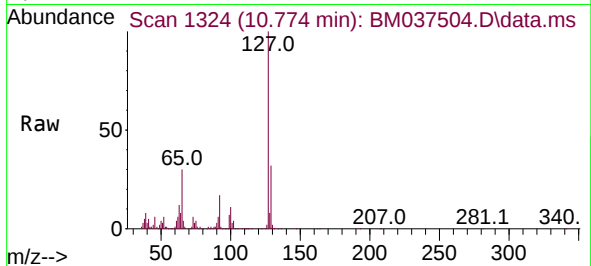
Tgt Ion:122 Resp: 427561
Ion Ratio Lower Upper
122 100
105 124.6 100.5 140.5
77 95.7 74.1 114.1





#33
4-Chloroaniline
Concen: 20.230 ng
RT: 10.774 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

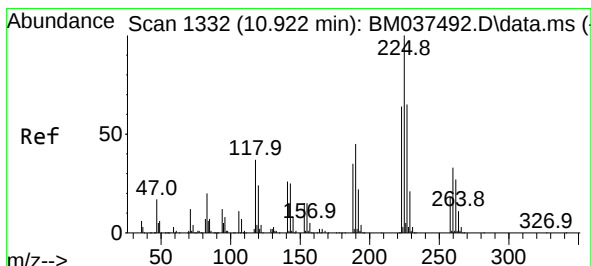
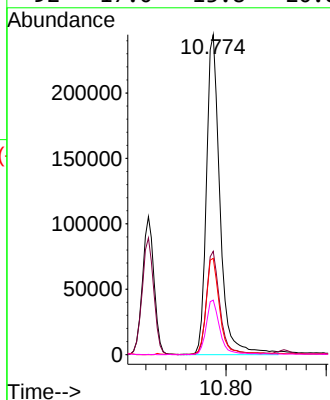
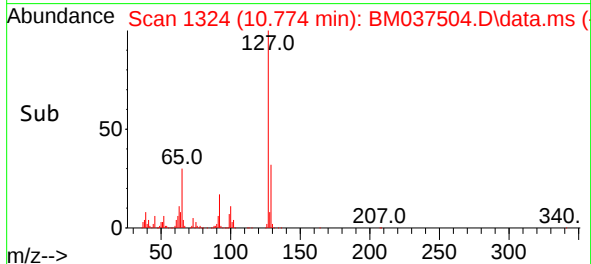
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:127 Resp: 460219
Ion Ratio Lower Upper
127 100
129 32.3 26.0 39.0
65 30.1 23.6 35.4
92 17.0 13.8 20.8

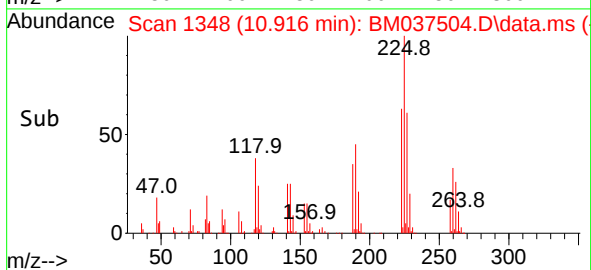
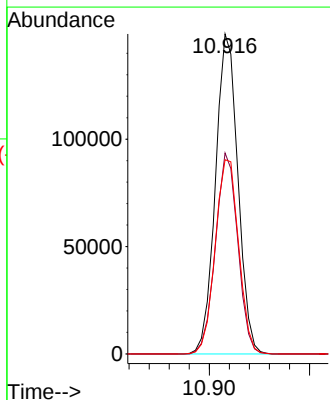
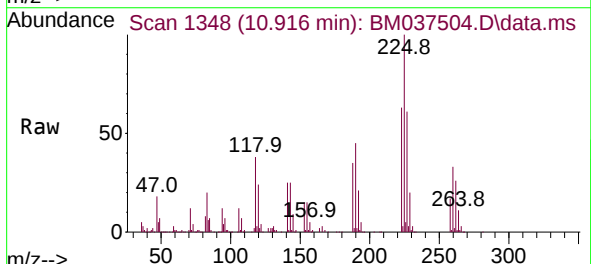
Manual Integrations
APPROVED

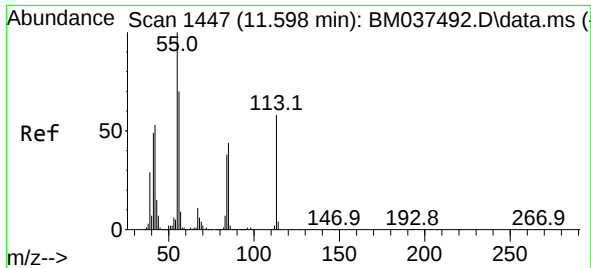
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#34
Hexachlorobutadiene
Concen: 23.062 ng
RT: 10.916 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

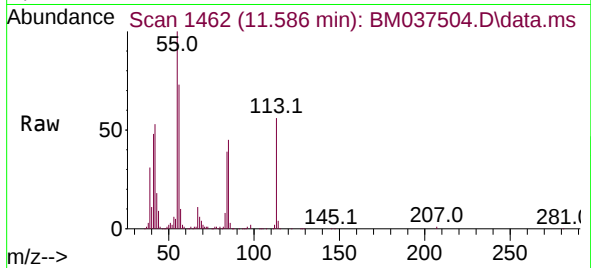
Tgt Ion:225 Resp: 232007
Ion Ratio Lower Upper
225 100
223 62.8 51.4 77.2
227 60.7 52.0 78.0





#35
Caprolactam
Concen: 39.437 ng m
RT: 11.586 min Scan# 14
Delta R.T. -0.012 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

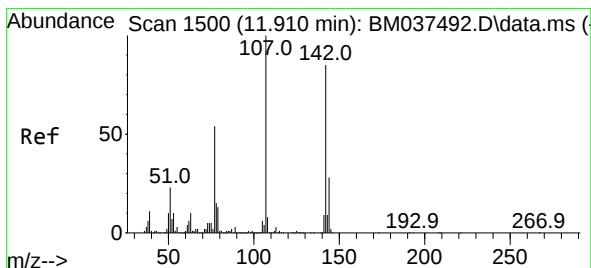
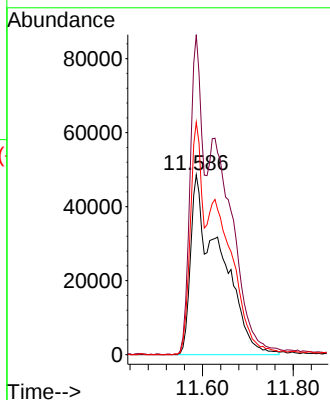
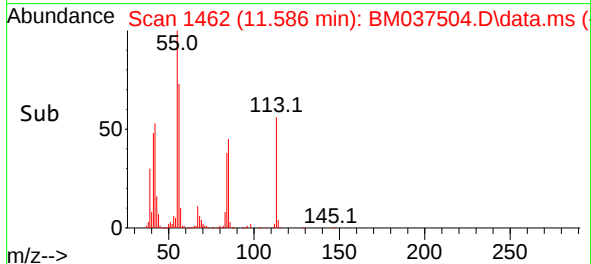
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



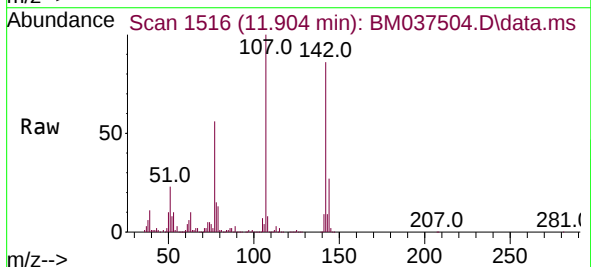
Tgt Ion:113 Resp: 219716
Ion Ratio Lower Upper
113 100
55 178.0 153.6 193.6
56 129.3 101.4 141.4

Manual Integrations
APPROVED

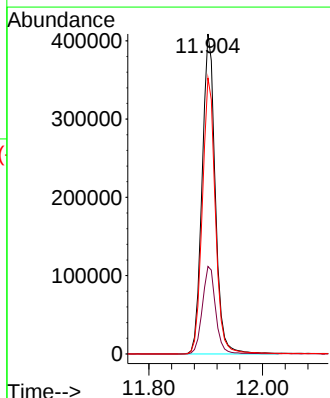
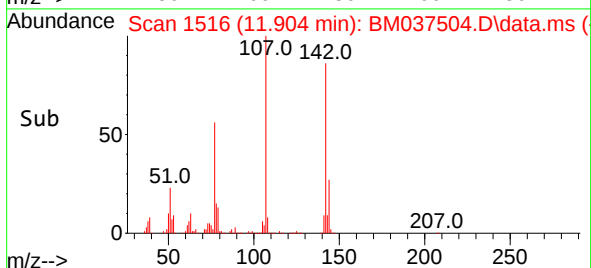
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

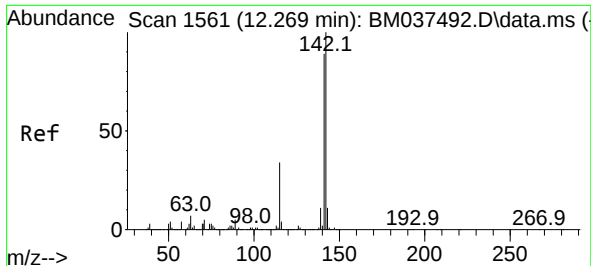


#36
4-Chloro-3-methylphenol
Concen: 38.119 ng
RT: 11.904 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



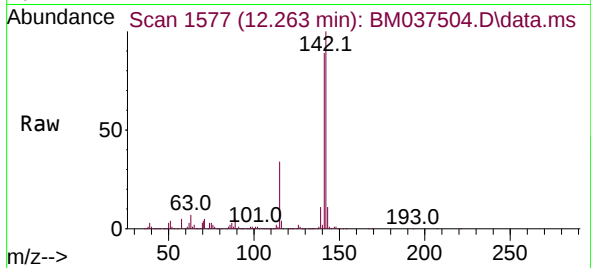
Tgt Ion:107 Resp: 657884
Ion Ratio Lower Upper
107 100
144 27.3 22.1 33.1
142 86.2 68.2 102.4





#37
2-Methylnaphthalene
Concen: 26.116 ng
RT: 12.263 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

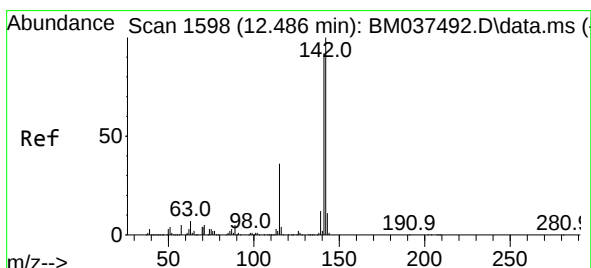
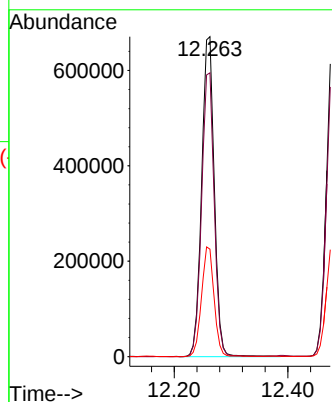
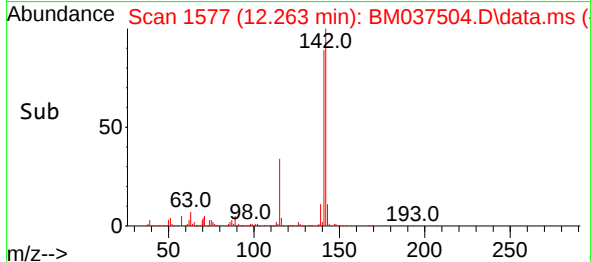
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



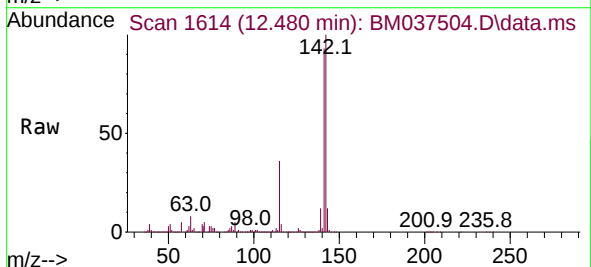
Tgt Ion:142 Resp: 1035109
Ion Ratio Lower Upper
142 100
141 88.7 71.5 107.3
115 33.6 26.9 40.3

Manual Integrations
APPROVED

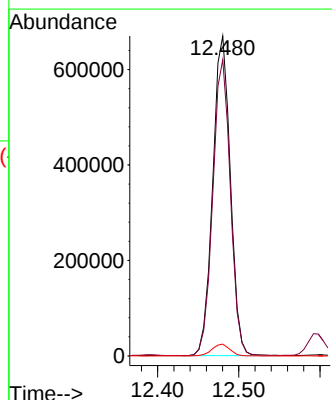
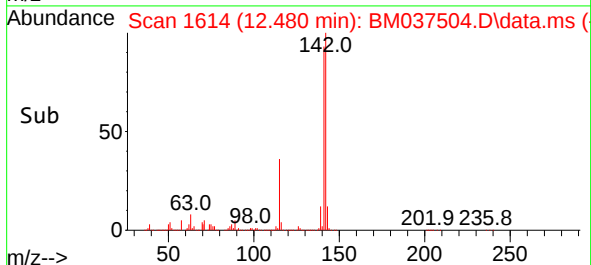
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

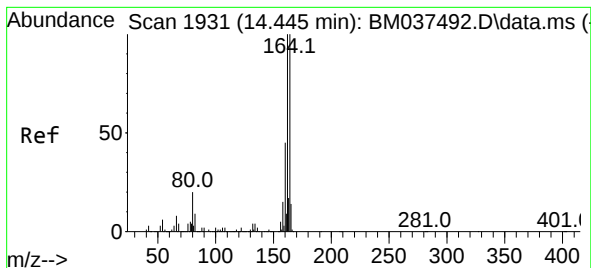


#38
1-Methylnaphthalene
Concen: 25.608 ng
RT: 12.480 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



Tgt Ion:142 Resp: 1008912
Ion Ratio Lower Upper
142 100
141 92.5 73.5 110.3
116 3.7 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.439 min Scan# 1931

Delta R.T. -0.006 min

Lab File: BM037504.D

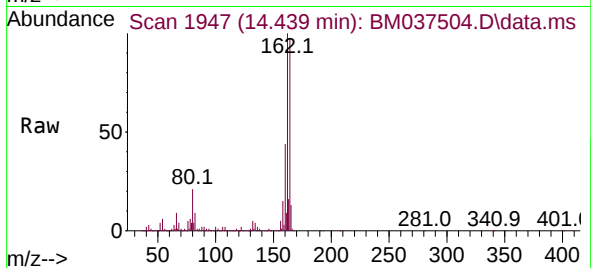
Acq: 14 Nov 2022 16:12

Instrument :

BNA_M

ClientSampleId :

PB148855BSD



Tgt Ion:164 Resp: 62356

Ion Ratio Lower Upper

164 100

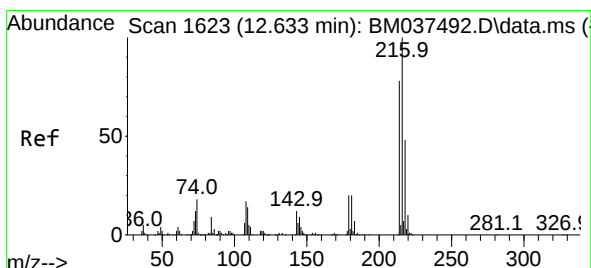
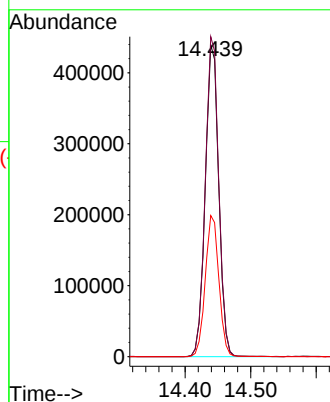
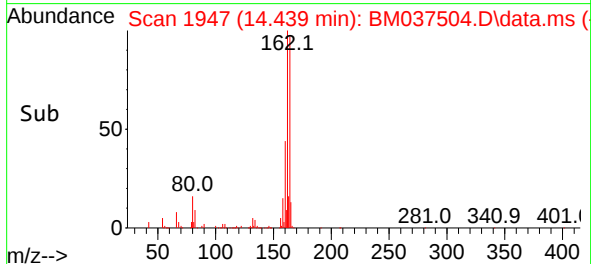
162 102.6 79.9 119.9

160 45.2 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 29.768 ng

RT: 12.627 min Scan# 1639

Delta R.T. -0.006 min

Lab File: BM037504.D

Acq: 14 Nov 2022 16:12

Tgt Ion:216 Resp: 539342

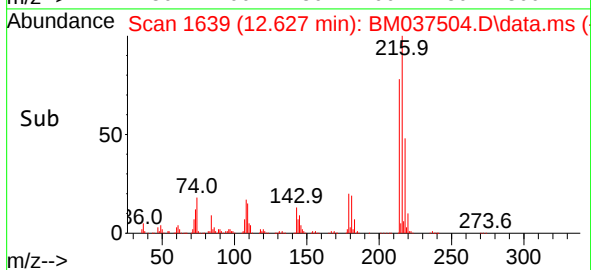
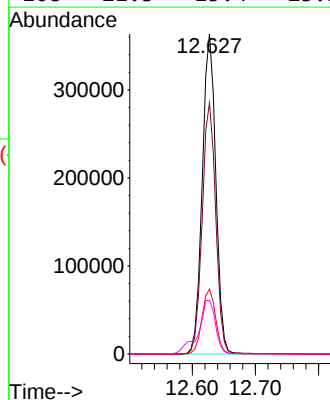
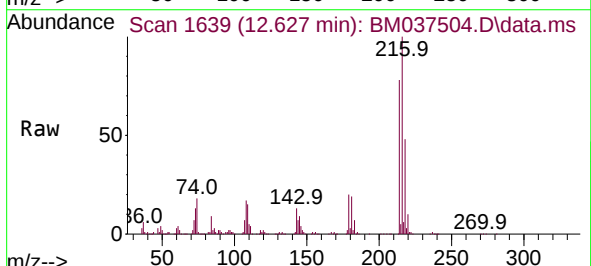
Ion Ratio Lower Upper

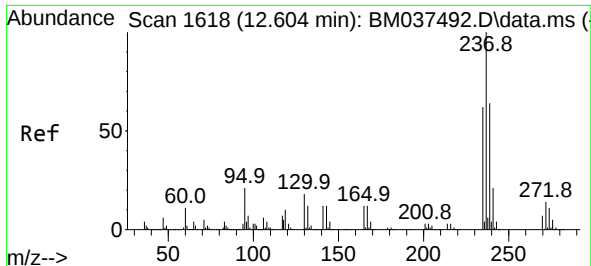
216 100

214 78.5 62.6 94.0

179 20.4 16.5 24.7

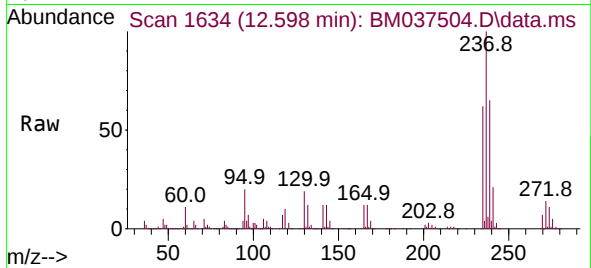
108 21.3 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 61.866 ng
RT: 12.598 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

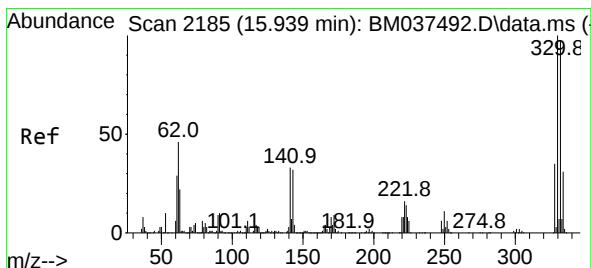
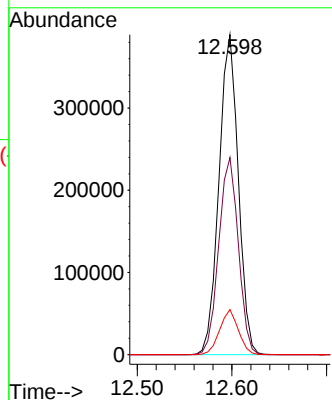
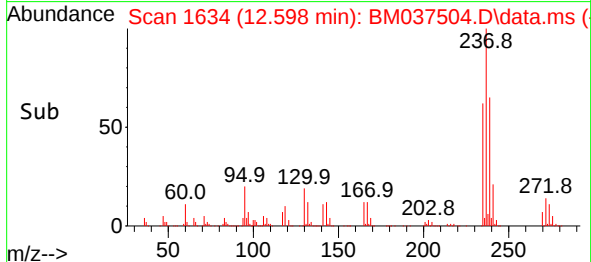
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



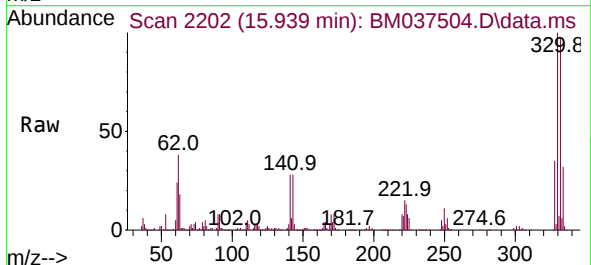
Tgt Ion:237 Resp: 551552
Ion Ratio Lower Upper
237 100
235 61.6 42.3 82.3
272 14.1 0.0 33.6

Manual Integrations
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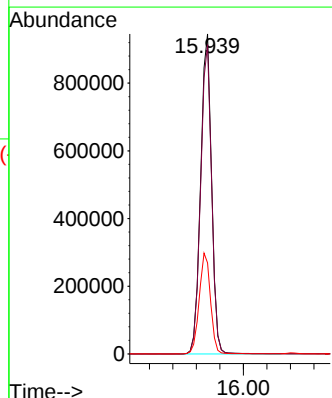
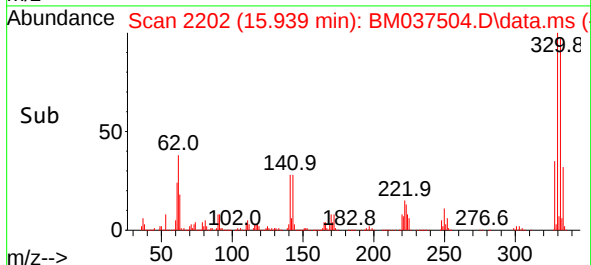
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

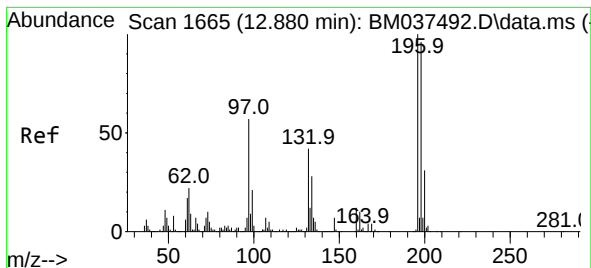


#42
2,4,6-Tribromophenol
Concen: 141.358 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



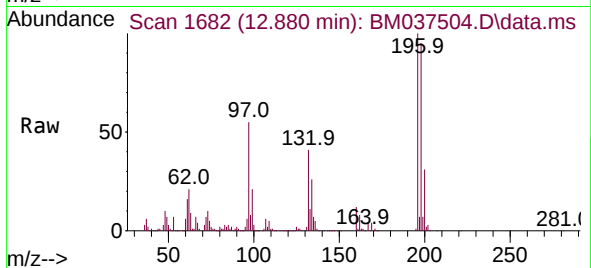
Tgt Ion:330 Resp: 1218814
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 32.4 26.2 39.2





#43
2,4,6-Trichlorophenol
Concen: 37.738 ng
RT: 12.880 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

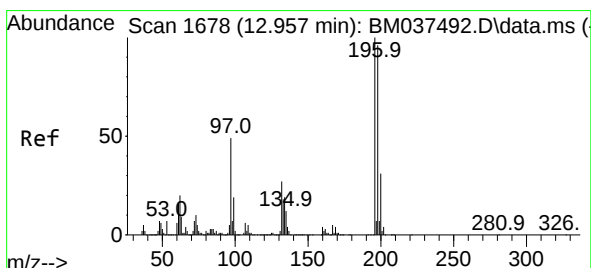
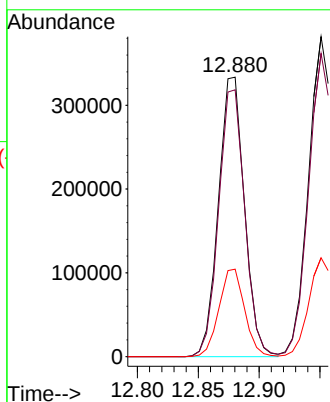
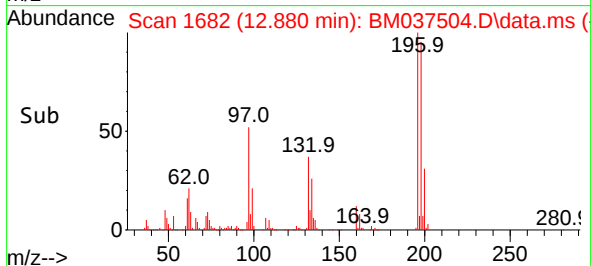
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



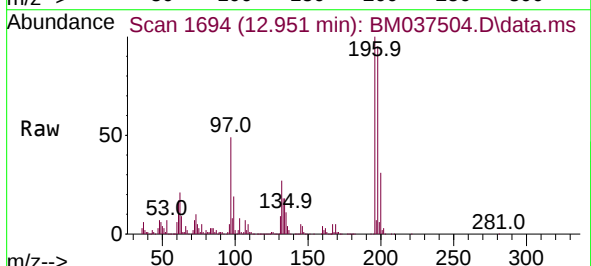
Tgt Ion:196 Resp: 495775
Ion Ratio Lower Upper
196 100
198 95.4 77.0 115.6
200 31.3 24.5 36.7

Manual Integrations
APPROVED

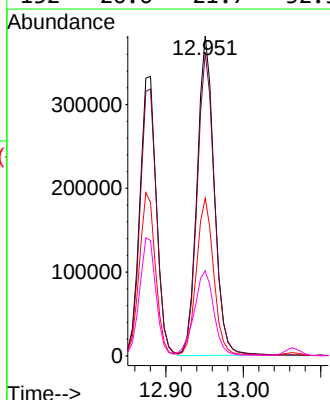
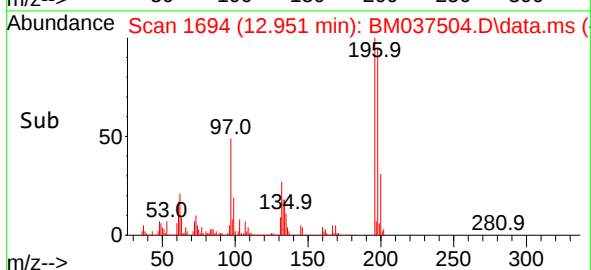
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

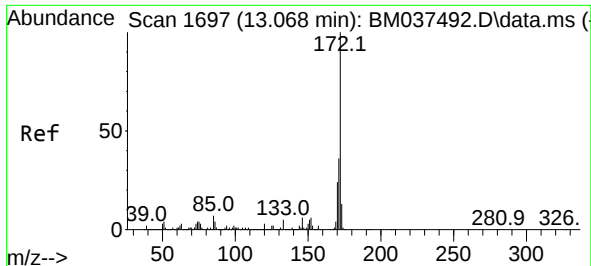


#44
2,4,5-Trichlorophenol
Concen: 40.345 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



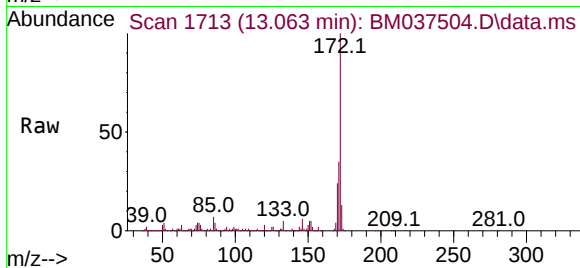
Tgt Ion:196 Resp: 586853
Ion Ratio Lower Upper
196 100
198 94.7 76.4 114.6
97 49.3 39.3 58.9
132 26.6 21.7 32.5





#45
2-Fluorobiphenyl
Concen: 61.312 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.005 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

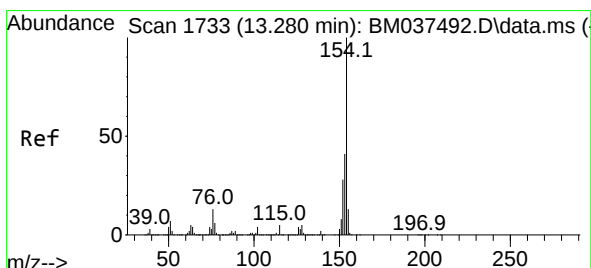
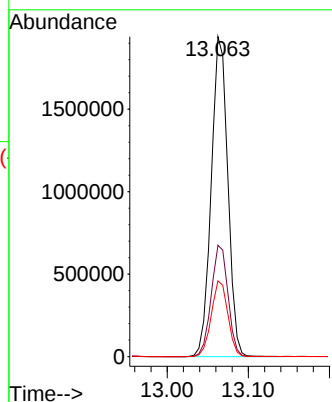
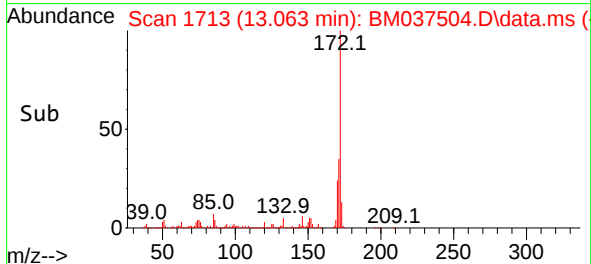
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



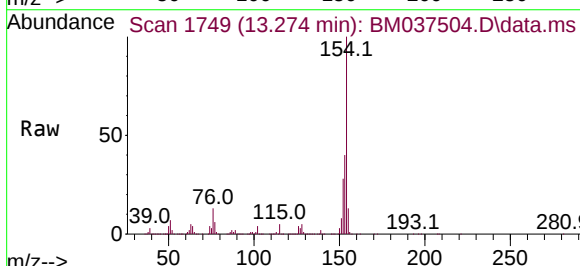
Tgt Ion:172 Resp: 2750932
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 23.7 18.9 28.3

Manual Integrations
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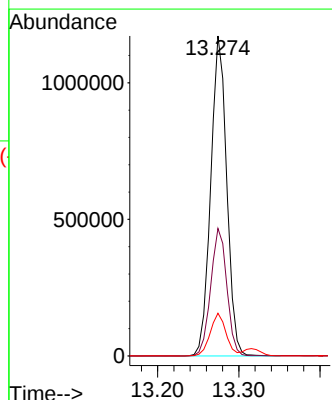
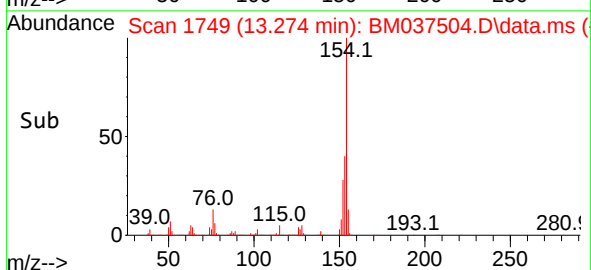
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

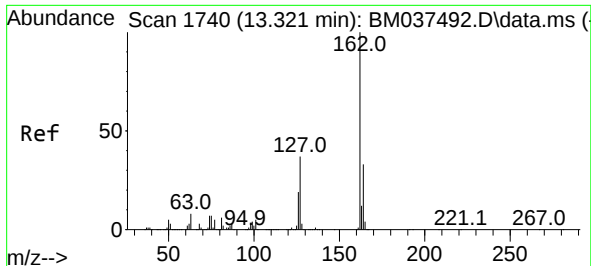


#46
1,1'-Biphenyl
Concen: 33.245 ng
RT: 13.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



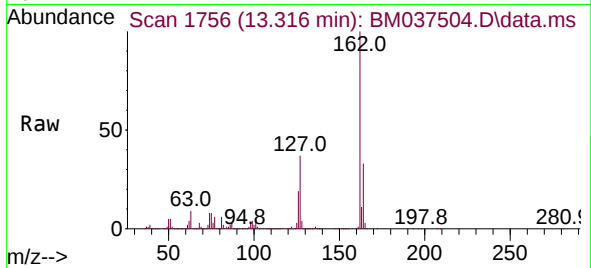
Tgt Ion:154 Resp: 1605331
Ion Ratio Lower Upper
154 100
153 39.8 20.7 60.7
76 13.3 0.0 33.3





#47
2-Chloronaphthalene
Concen: 31.851 ng
RT: 13.316 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

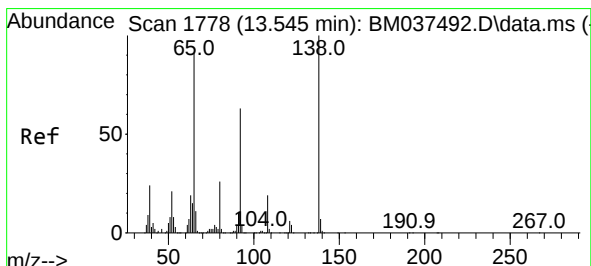
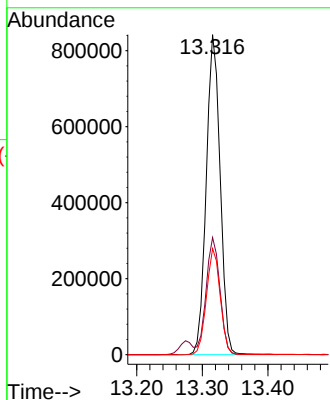
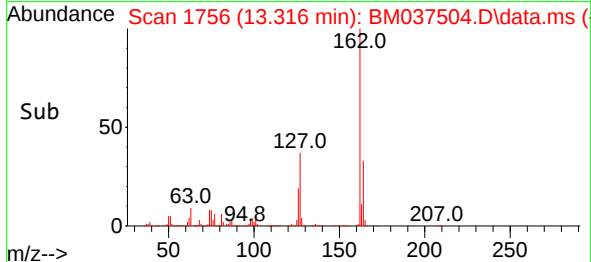
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



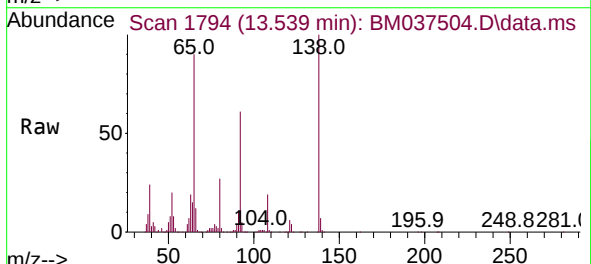
Tgt Ion:162 Resp: 1236876
Ion Ratio Lower Upper
162 100
127 36.6 29.8 44.8
164 33.1 26.3 39.5

Manual Integrations
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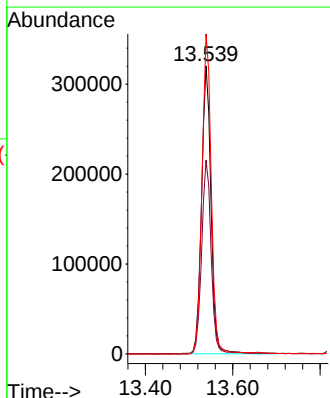
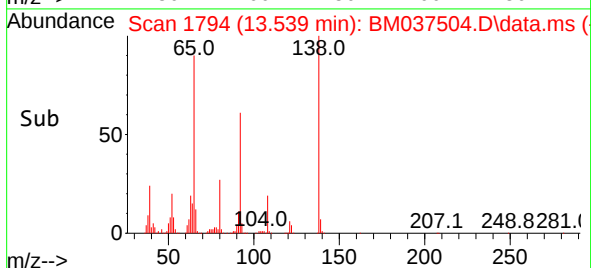
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

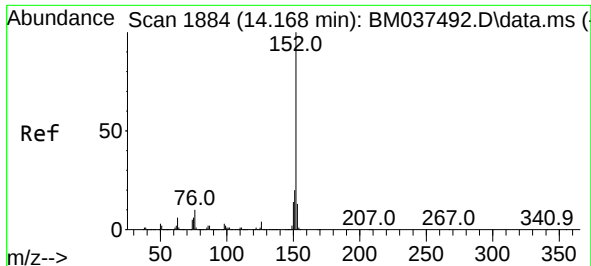


#48
2-Nitroaniline
Concen: 39.862 ng
RT: 13.539 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



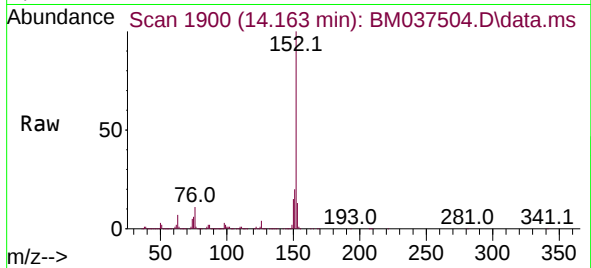
Tgt Ion: 65 Resp: 476750
Ion Ratio Lower Upper
65 100
92 67.2 55.0 82.4
138 111.1 87.5 131.3





#49
Acenaphthylene
Concen: 36.350 ng
RT: 14.163 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

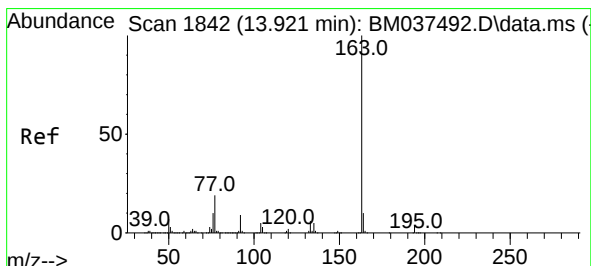
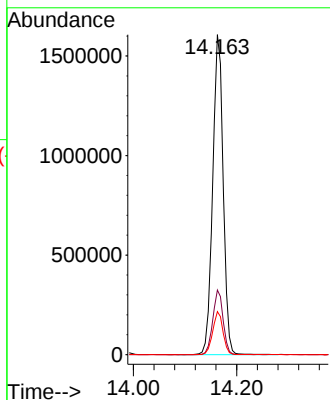
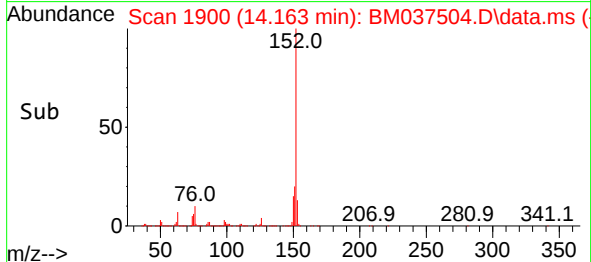
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



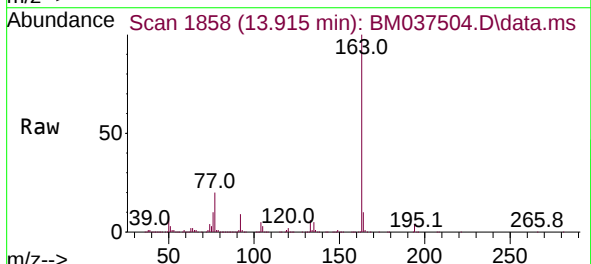
Tgt Ion:152 Resp: 2260929
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.4 10.6 16.0

Manual Integrations
APPROVED

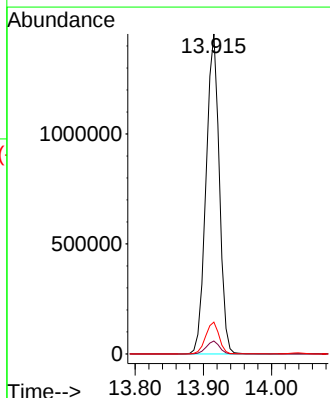
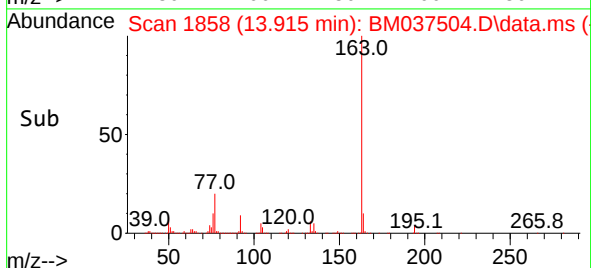
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

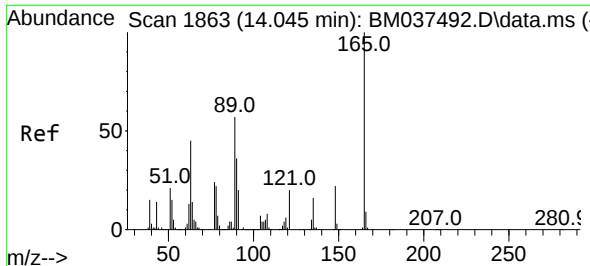


#50
Dimethylphthalate
Concen: 39.284 ng
RT: 13.915 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



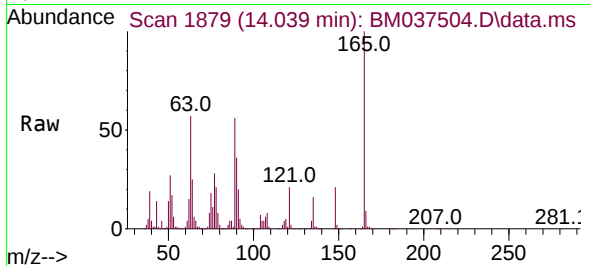
Tgt Ion:163 Resp: 1960621
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 40.709 ng
RT: 14.039 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

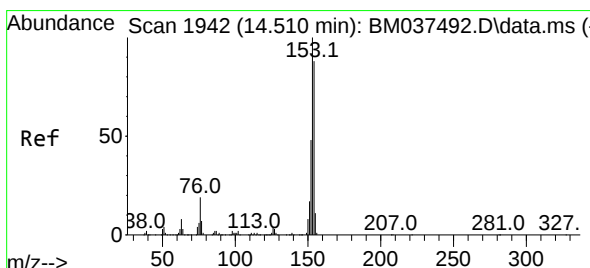
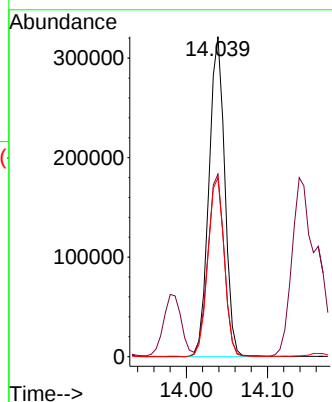
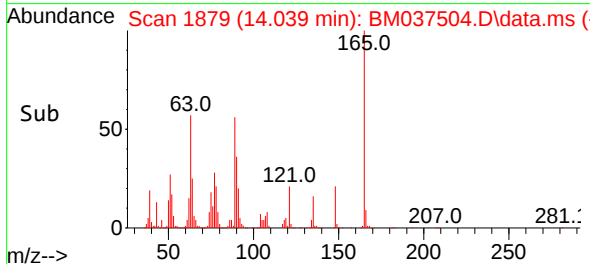
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:165 Resp: 436563
Ion Ratio Lower Upper
165 100
63 57.0 46.2 69.2
89 55.9 45.4 68.2

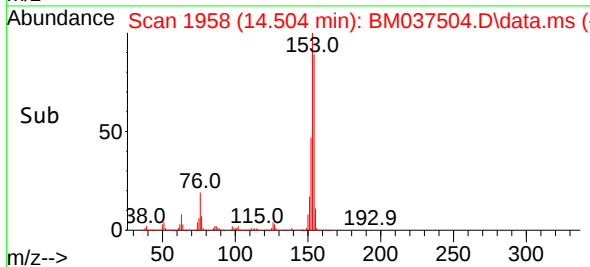
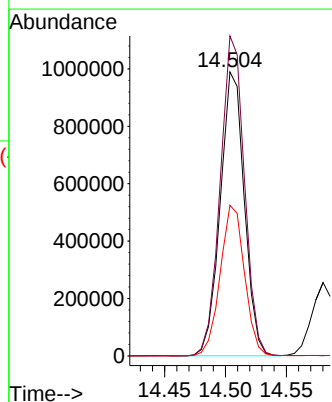
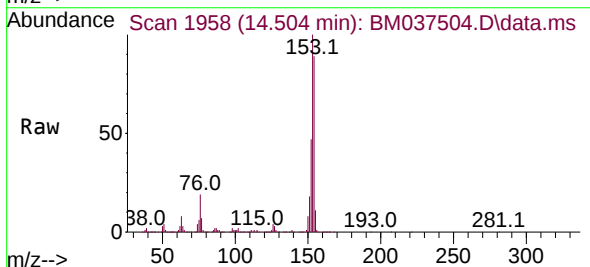
Manual Integrations
APPROVED

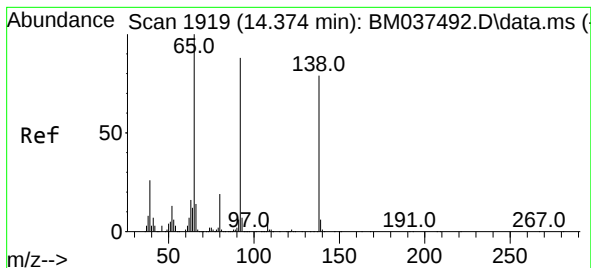
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#52
Acenaphthene
Concen: 35.887 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

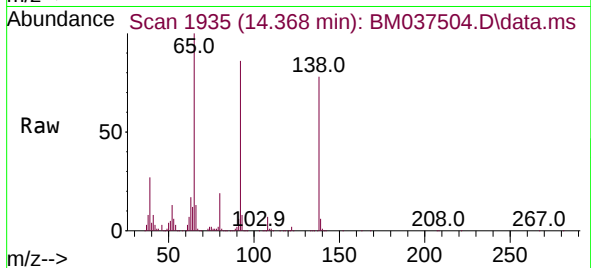
Tgt Ion:154 Resp: 1362517
Ion Ratio Lower Upper
154 100
153 112.7 90.8 136.2
152 53.1 43.3 64.9





#53
3-Nitroaniline
Concen: 28.453 ng
RT: 14.368 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

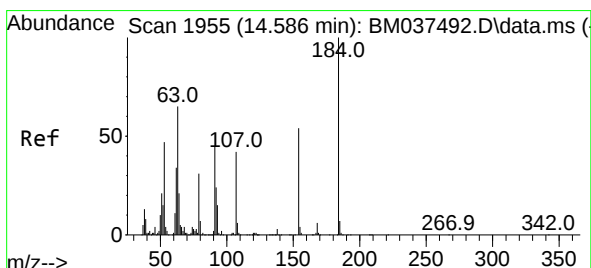
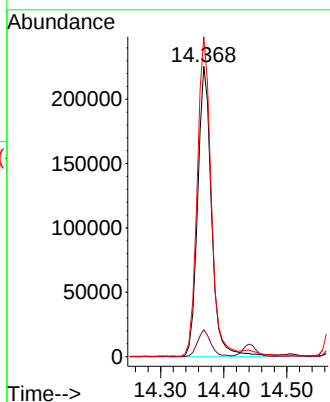
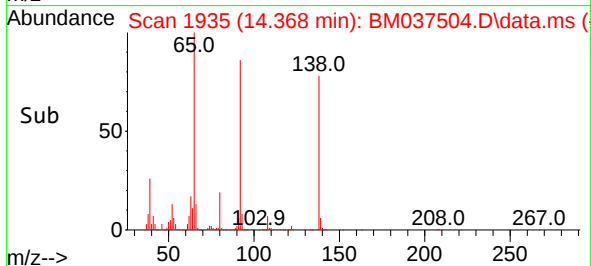
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:138 Resp: 345519
Ion Ratio Lower Upper
138 100
108 9.3 7.2 10.8
92 110.3 89.0 133.6

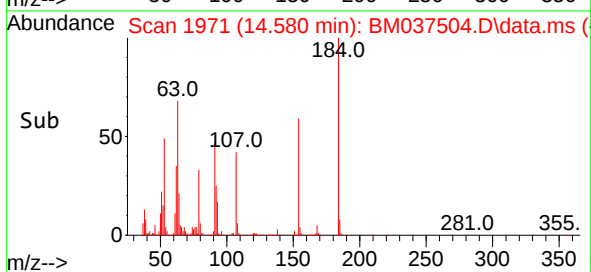
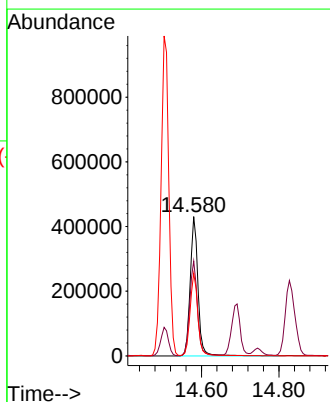
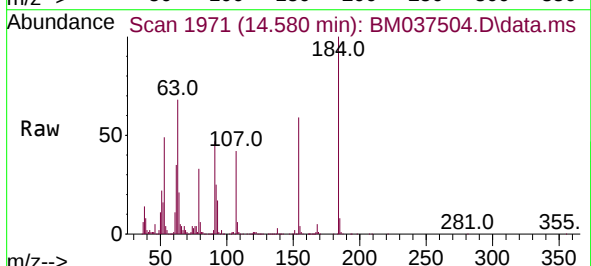
Manual Integrations
APPROVED

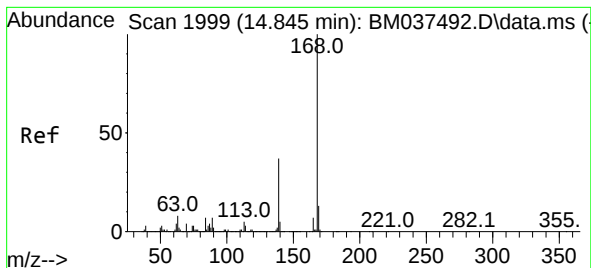
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#54
2,4-Dinitrophenol
Concen: 80.690 ng
RT: 14.580 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

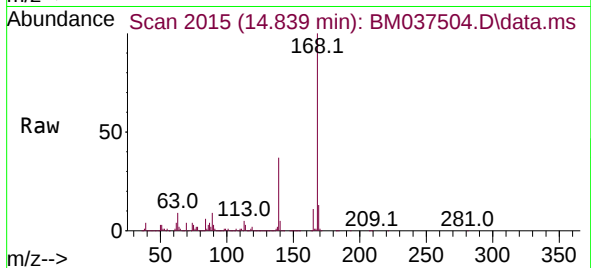
Tgt Ion:184 Resp: 597232
Ion Ratio Lower Upper
184 100
63 68.0 52.2 78.4
154 59.3 48.2 72.2





#55
Dibenzofuran
Concen: 37.126 ng
RT: 14.839 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

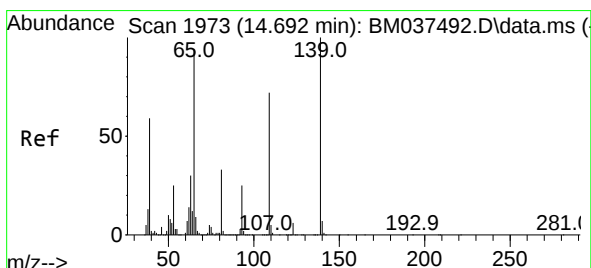
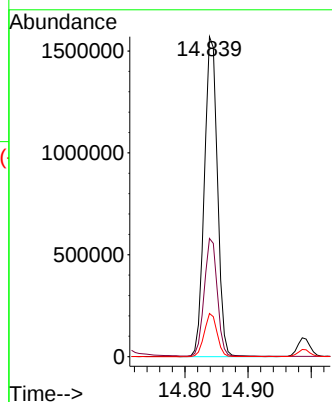
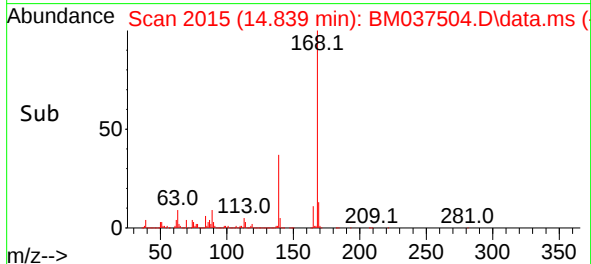
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:168 Resp: 2253972
Ion Ratio Lower Upper
168 100
139 36.9 29.8 44.8
169 13.5 10.8 16.2

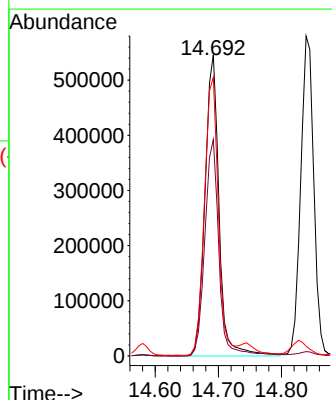
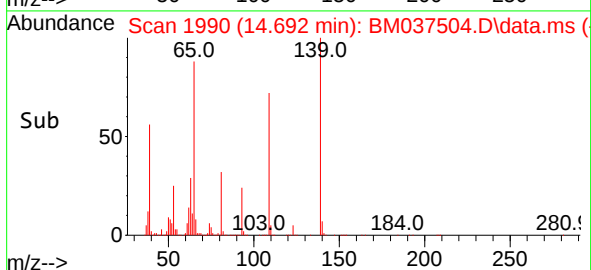
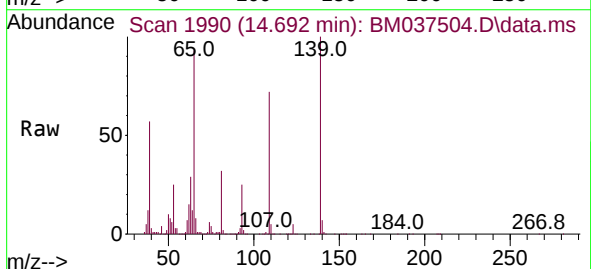
Manual Integrations
APPROVED

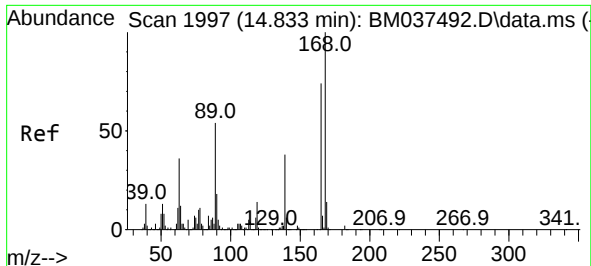
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#56
4-Nitrophenol
Concen: 79.997 ng
RT: 14.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

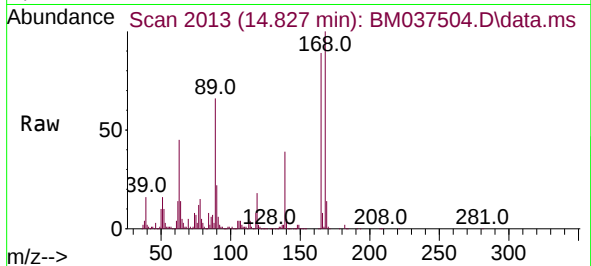
Tgt Ion:139 Resp: 841273
Ion Ratio Lower Upper
139 100
109 71.8 52.1 92.1
65 92.5 74.4 114.4





#57
2,4-Dinitrotoluene
Concen: 42.593 ng
RT: 14.827 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

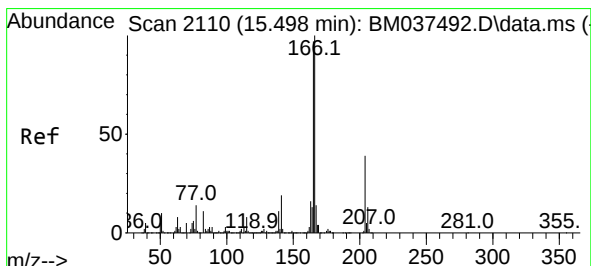
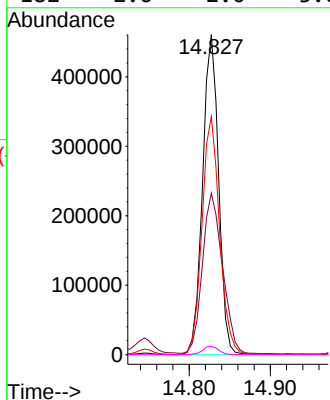
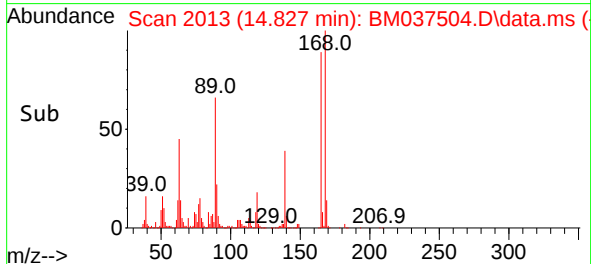
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



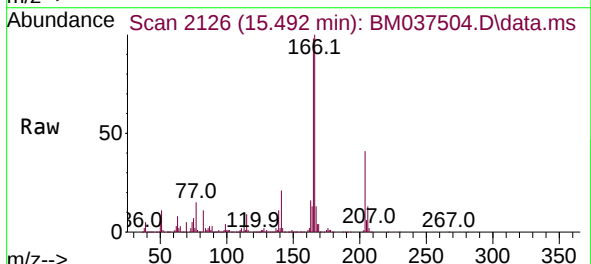
Tgt Ion:165 Resp: 632345
Ion Ratio Lower Upper
165 100
63 50.5 39.5 59.3
89 74.4 58.4 87.6
182 2.6 2.0 3.0

Manual Integrations
APPROVED

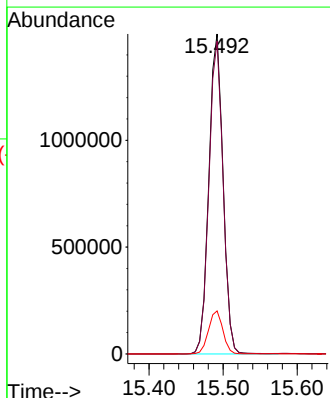
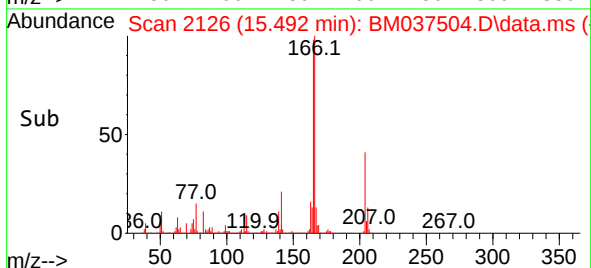
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

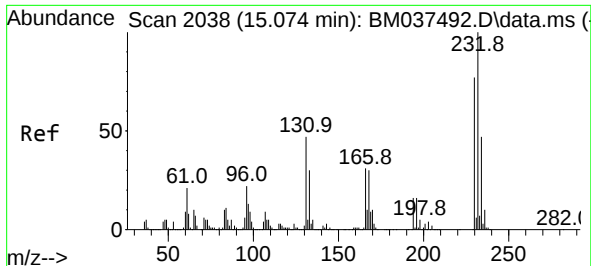


#58
Fluorene
Concen: 38.609 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



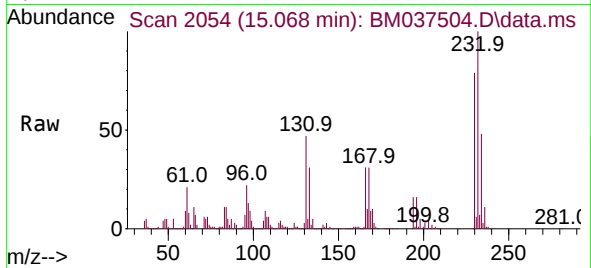
Tgt Ion:166 Resp: 1987759
Ion Ratio Lower Upper
166 100
165 97.7 77.8 116.8
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.178 ng
RT: 15.068 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

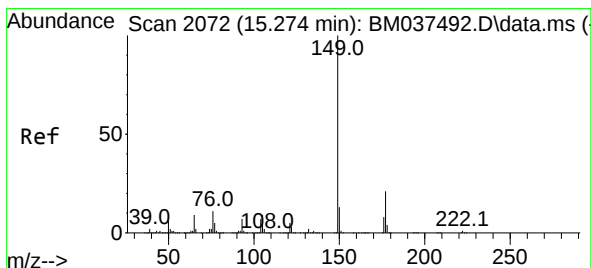
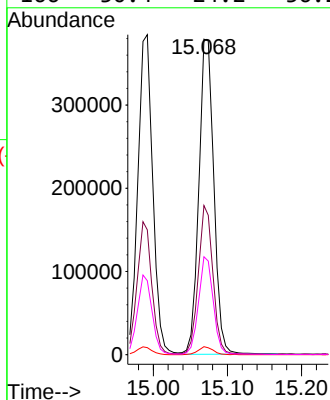
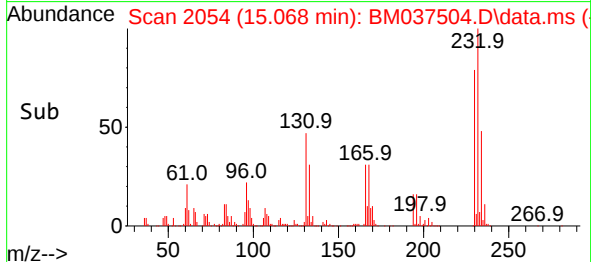
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



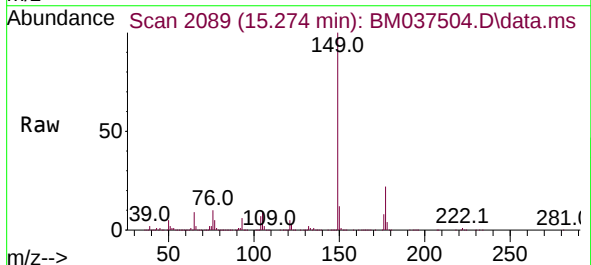
Tgt Ion:232 Resp: 533133
Ion Ratio Lower Upper
232 100
131 45.7 36.0 54.0
130 2.5 1.9 2.9
166 30.4 24.2 36.2

Manual Integrations
APPROVED

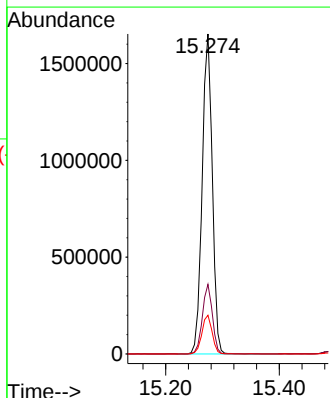
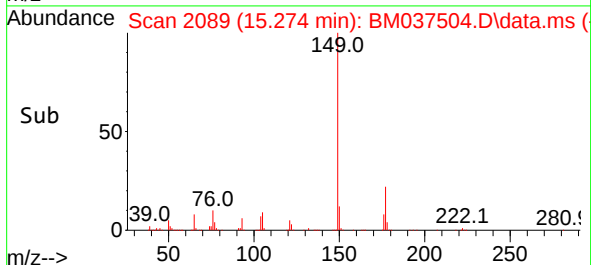
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

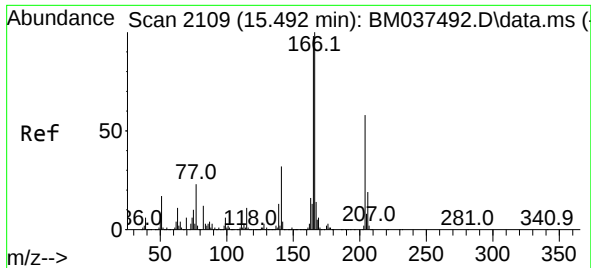


#60
Diethylphthalate
Concen: 39.940 ng
RT: 15.274 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



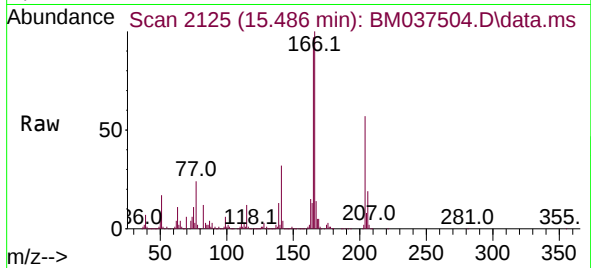
Tgt Ion:149 Resp: 2032601
Ion Ratio Lower Upper
149 100
177 21.7 17.0 25.4
150 12.1 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.372 ng
RT: 15.486 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

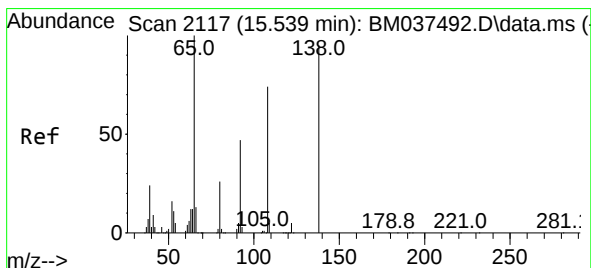
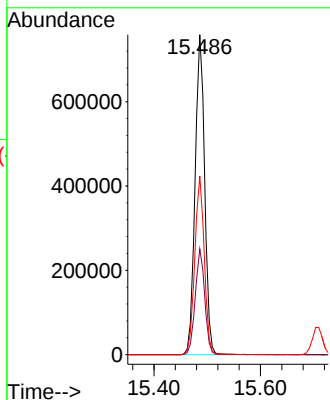
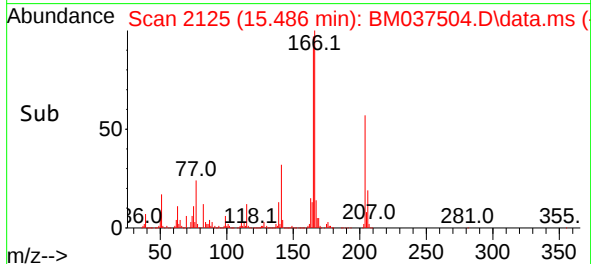
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



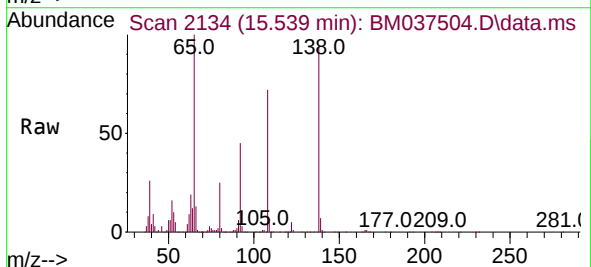
Tgt Ion:204 Resp: 947201
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.8
141 55.8 43.6 65.4

Manual Integrations
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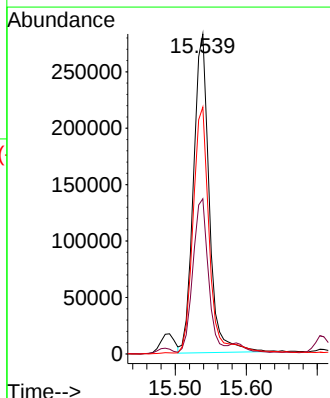
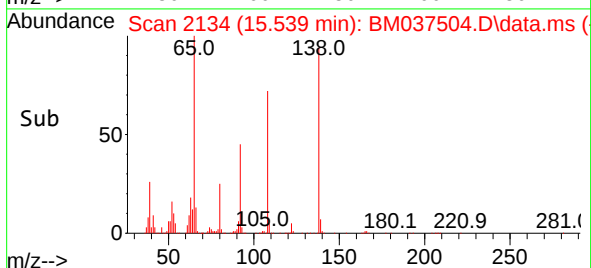
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

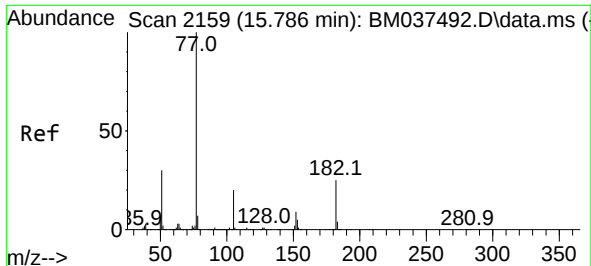


#62
4-Nitroaniline
Concen: 36.478 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



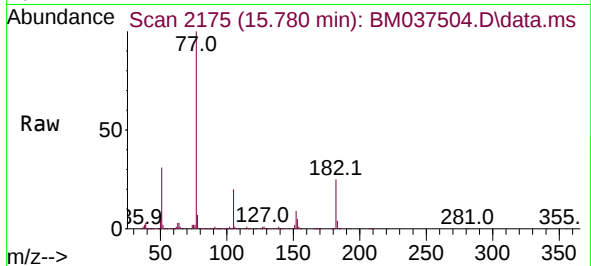
Tgt Ion:138 Resp: 434973
Ion Ratio Lower Upper
138 100
92 48.5 28.9 68.9
108 77.1 56.8 96.8





#63
Azobenzene
Concen: 39.537 ng
RT: 15.780 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

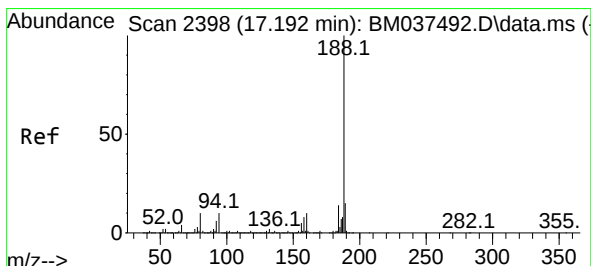
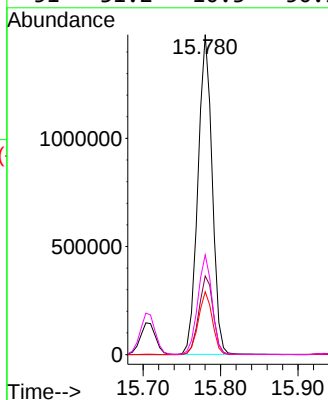
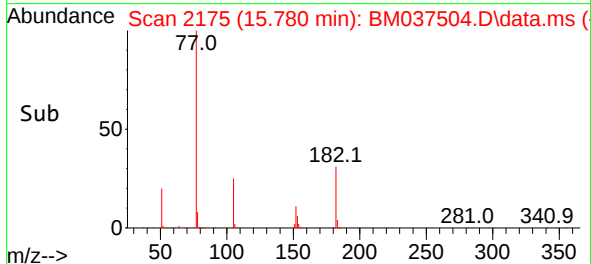
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion: 77 Resp: 1882920
Ion Ratio Lower Upper
77 100
182 24.6 5.0 45.0
105 19.6 0.0 39.6
51 31.2 10.3 50.3

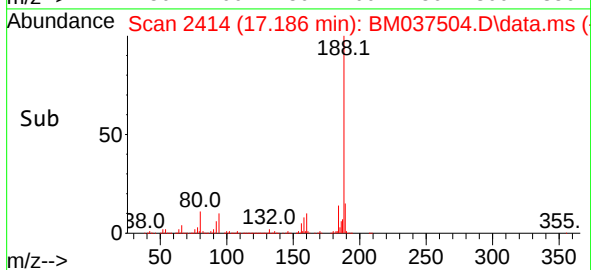
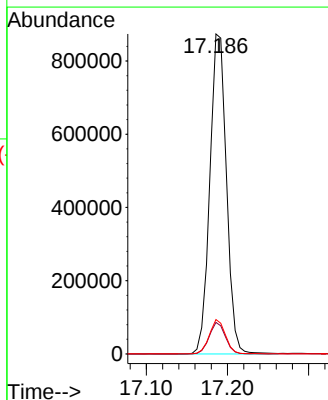
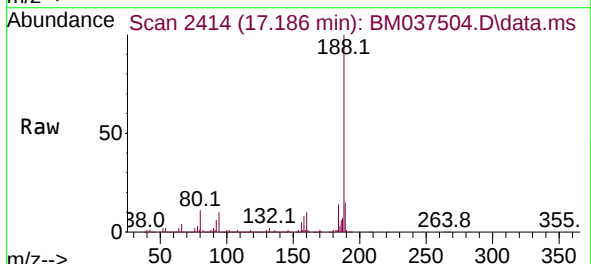
Manual Integrations
APPROVED

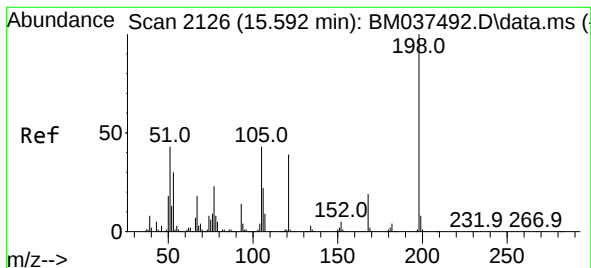
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

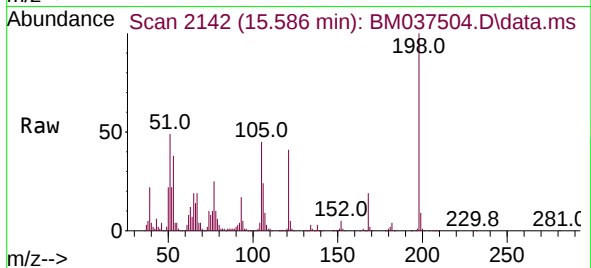
Tgt Ion:188 Resp: 1245901
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.7 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 41.769 ng
RT: 15.586 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

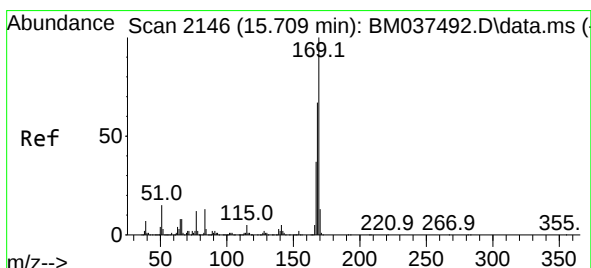
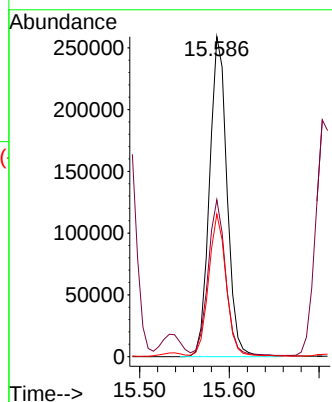
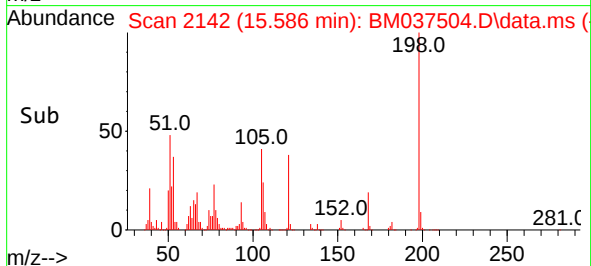
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:198 Resp: 350874
Ion Ratio Lower Upper
198 100
51 49.0 26.3 66.3
105 44.5 23.8 63.8

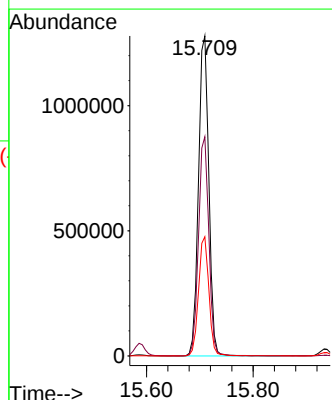
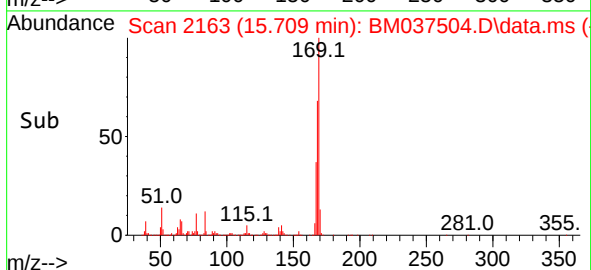
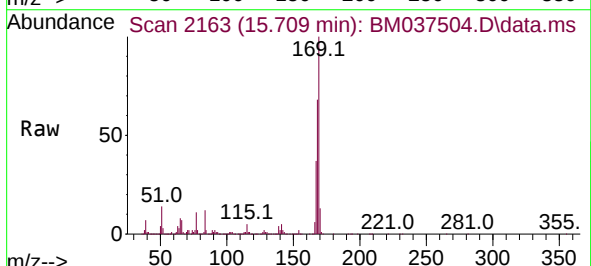
Manual Integrations
APPROVED

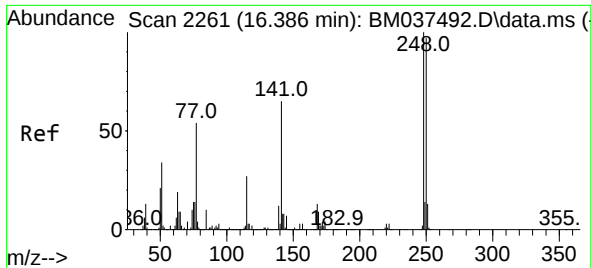
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#66
n-Nitrosodiphenylamine
Concen: 42.996 ng
RT: 15.709 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

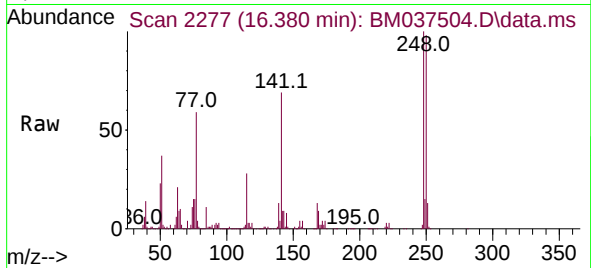
Tgt Ion:169 Resp: 1718520
Ion Ratio Lower Upper
169 100
168 68.5 53.9 80.9
167 37.2 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.158 ng
RT: 16.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

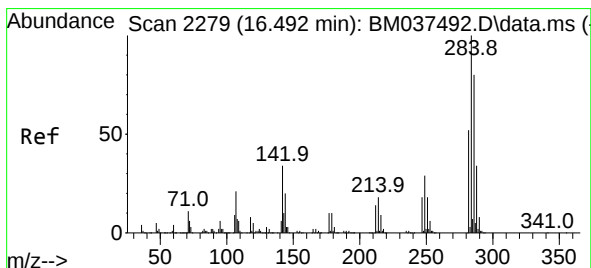
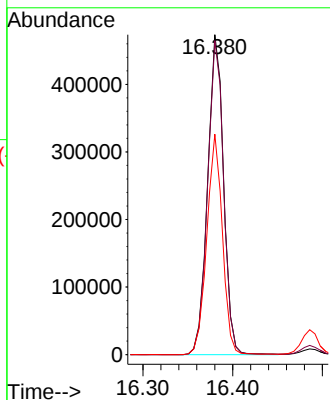
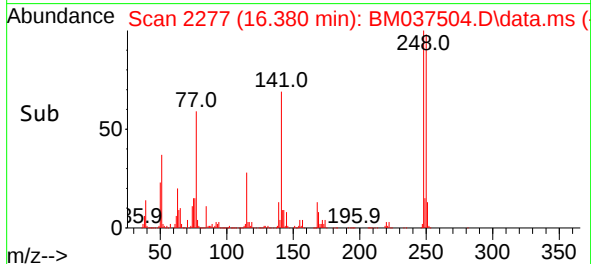
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:248 Resp: 58789
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.8
141 68.9 52.2 78.2

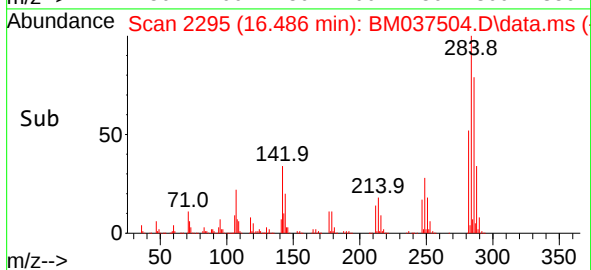
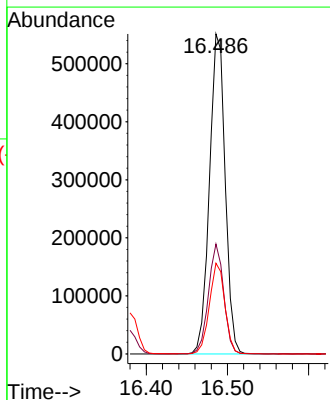
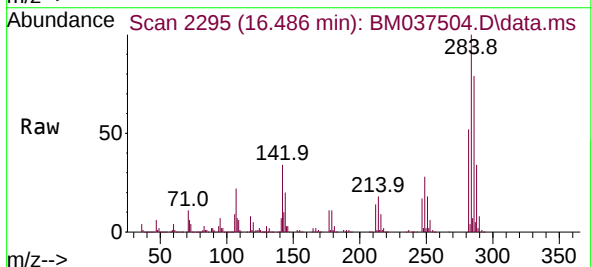
Manual Integrations
APPROVED

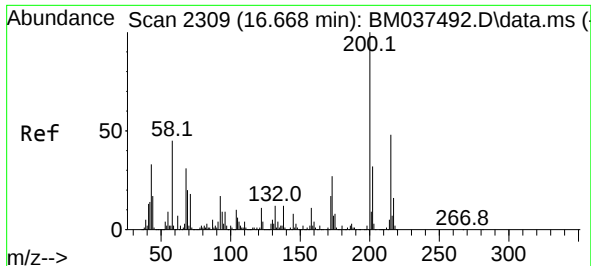
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#68
Hexachlorobenzene
Concen: 42.676 ng
RT: 16.486 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

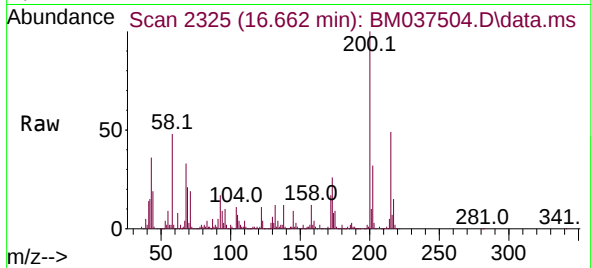
Tgt Ion:284 Resp: 742512
Ion Ratio Lower Upper
284 100
142 34.3 26.9 40.3
249 28.3 22.9 34.3





#69
 Atrazine
 Concen: 47.539 ng
 RT: 16.662 min Scan# 2309
 Delta R.T. -0.006 min
 Lab File: BM037504.D
 Acq: 14 Nov 2022 16:12

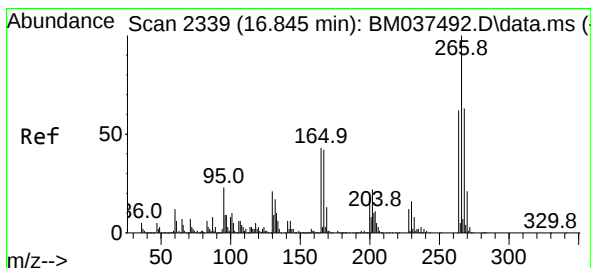
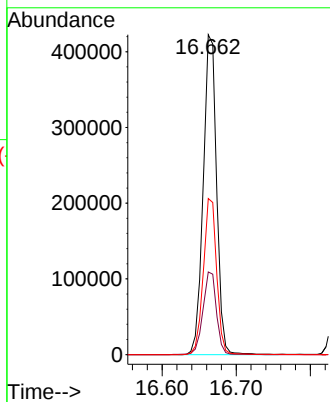
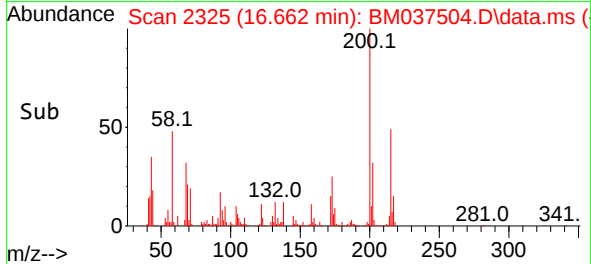
Instrument :
 BNA_M
 ClientSampleId :
 PB148855BSD



Tgt Ion:200 Resp: 528781
 Ion Ratio Lower Upper
 200 100
 173 25.8 6.5 46.5
 215 48.8 28.3 68.3

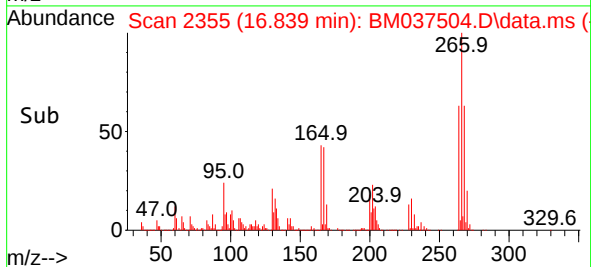
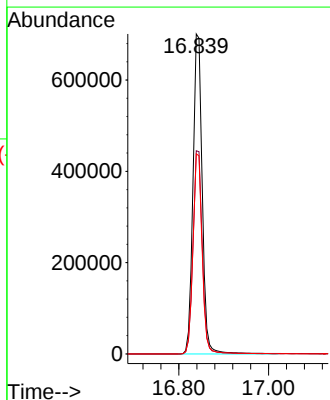
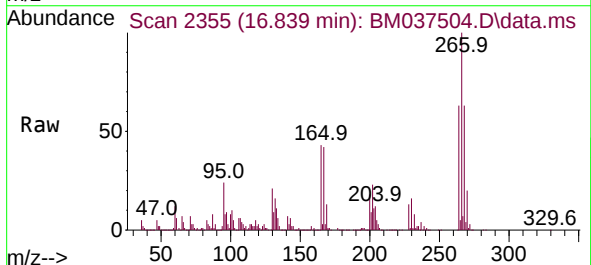
Manual Integrations
 APPROVED

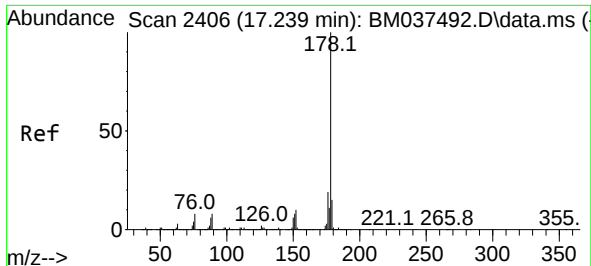
Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :mohammad ahmed 11/17/2022



#70
 Pentachlorophenol
 Concen: 97.627 ng
 RT: 16.839 min Scan# 2355
 Delta R.T. -0.006 min
 Lab File: BM037504.D
 Acq: 14 Nov 2022 16:12

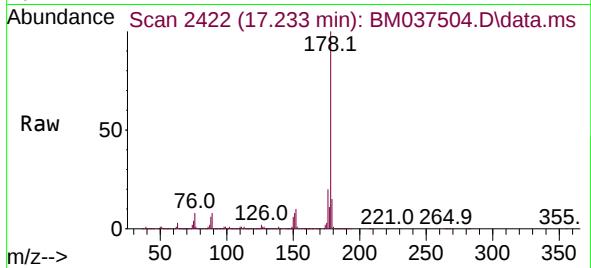
Tgt Ion:266 Resp: 1000024
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.6 75.8
 264 62.5 49.5 74.3





#71
Phenanthrene
Concen: 41.215 ng
RT: 17.233 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

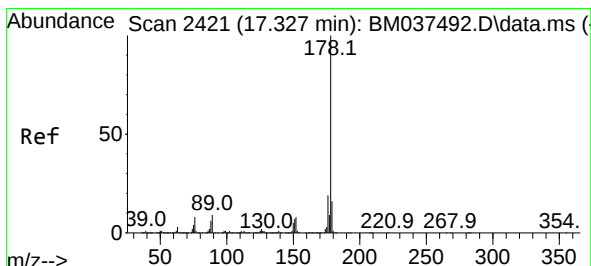
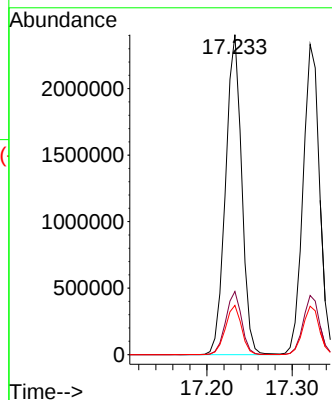
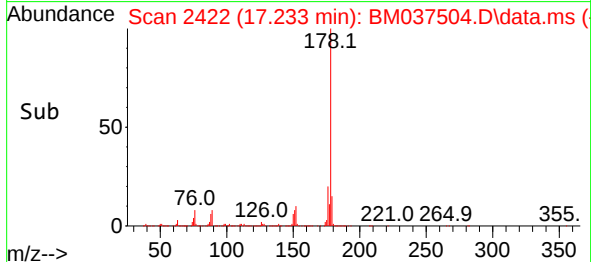
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



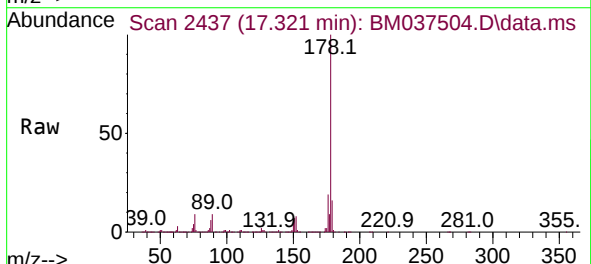
Tgt Ion:178 Resp: 315221
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.4 12.2 18.4

Manual Integrations
APPROVED

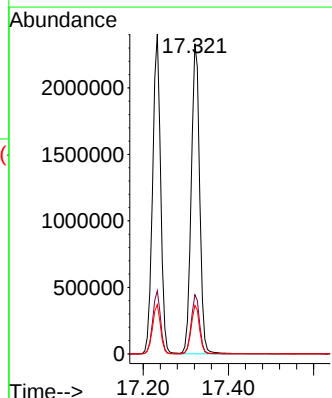
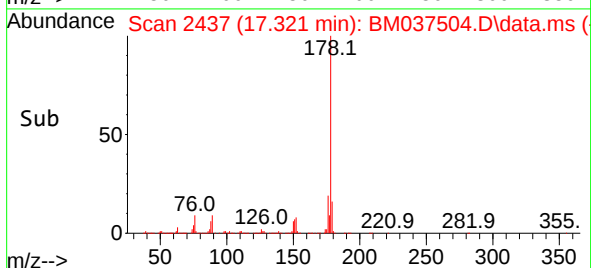
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

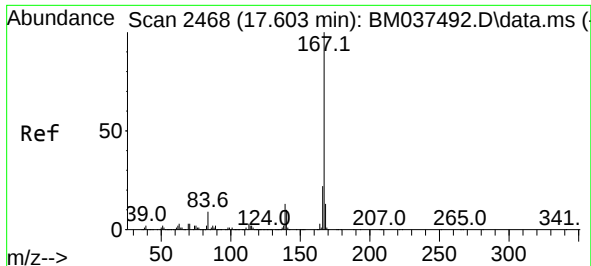


#72
Anthracene
Concen: 43.492 ng
RT: 17.321 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



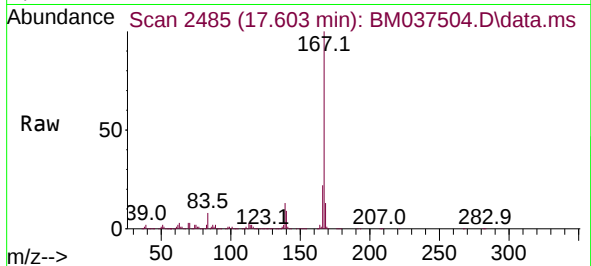
Tgt Ion:178 Resp: 3189732
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 43.645 ng
 RT: 17.603 min Scan# 2468
 Delta R.T. 0.000 min
 Lab File: BM037504.D
 Acq: 14 Nov 2022 16:12

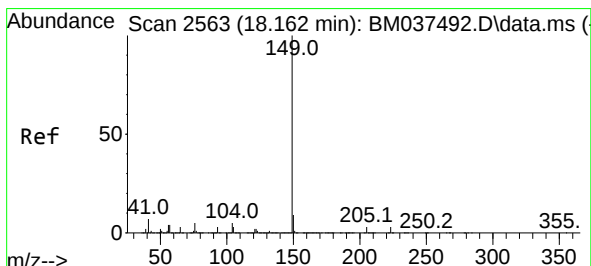
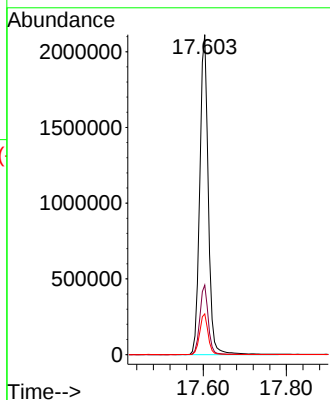
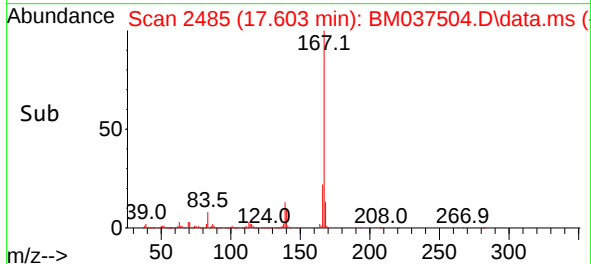
Instrument :
 BNA_M
 ClientSampleId :
 PB148855BSD



Tgt Ion:167 Resp: 2992834
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 12.7 10.2 15.2

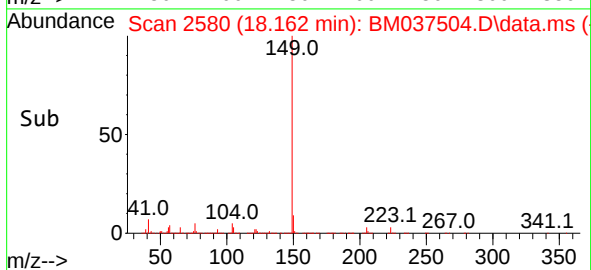
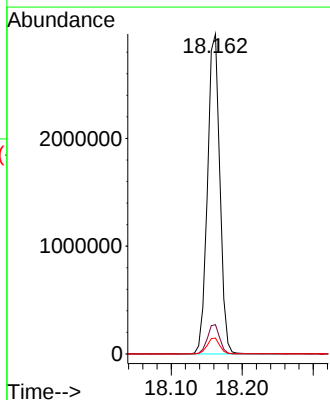
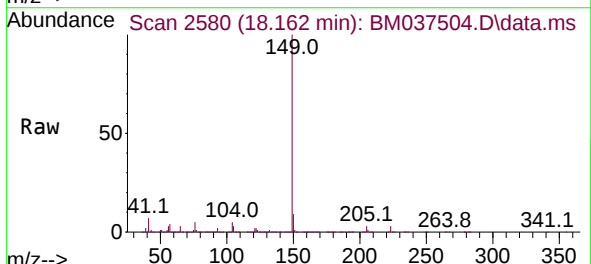
Manual Integrations
 APPROVED

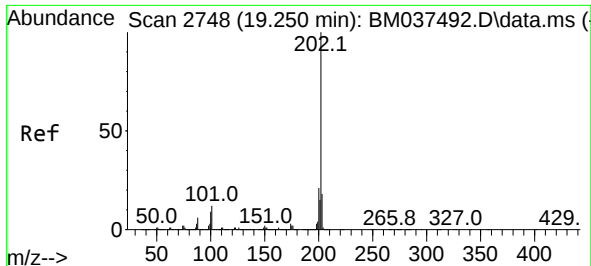
Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :mohammad ahmed 11/17/2022



#74
 Di-n-butylphthalate
 Concen: 39.197 ng
 RT: 18.162 min Scan# 2580
 Delta R.T. 0.000 min
 Lab File: BM037504.D
 Acq: 14 Nov 2022 16:12

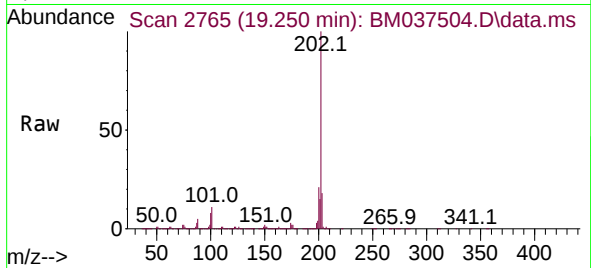
Tgt Ion:149 Resp: 3577273
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 40.741 ng
RT: 19.250 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

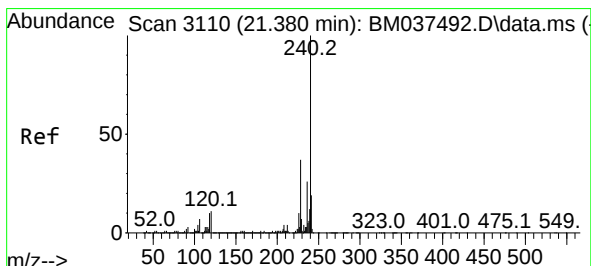
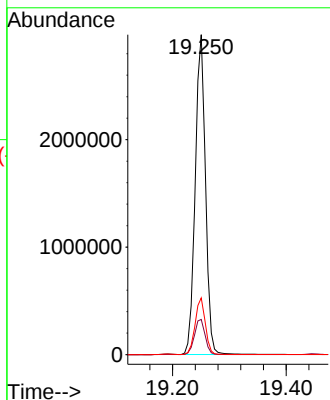
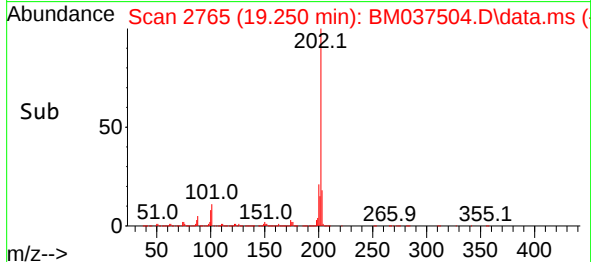
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



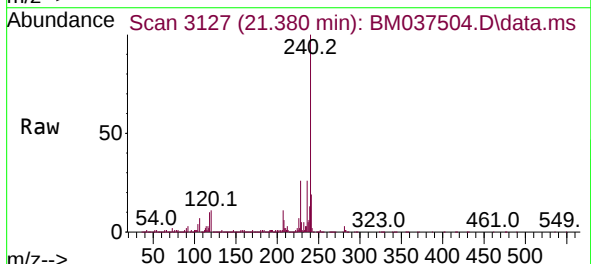
Tgt Ion:202 Resp: 3714123
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.8
203 17.7 0.0 37.7

Manual Integrations
APPROVED

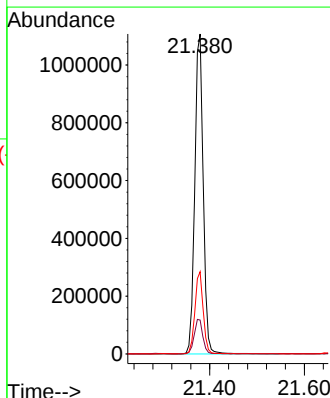
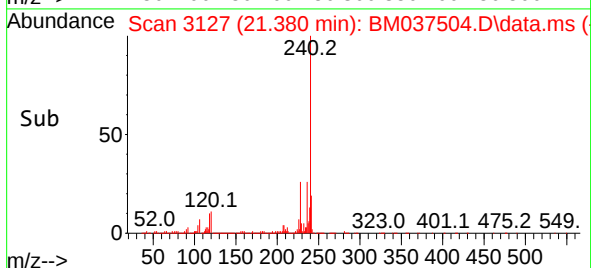
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

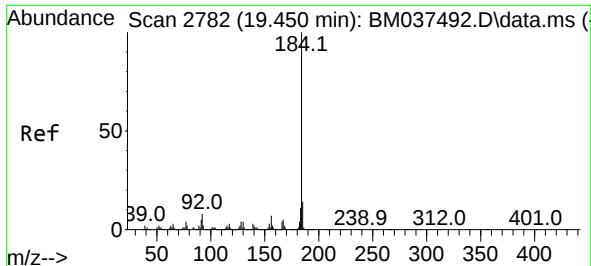


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



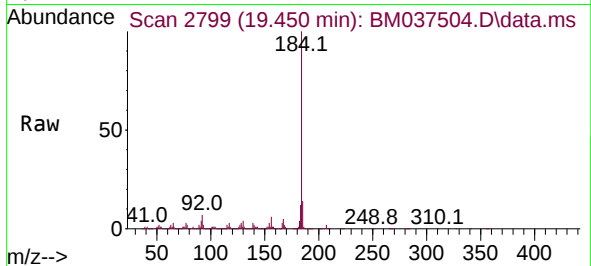
Tgt Ion:240 Resp: 1371016
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 25.7 20.8 31.2





#77
Benzidine
Concen: 72.928 ng
RT: 19.450 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

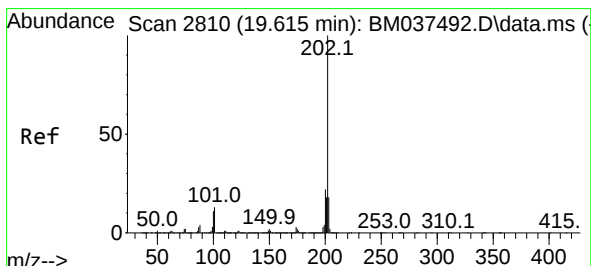
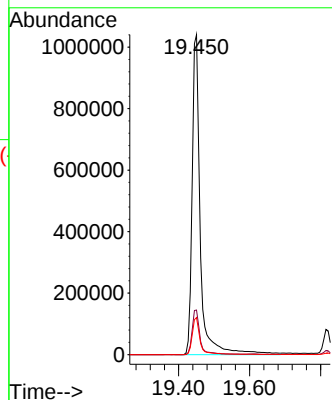
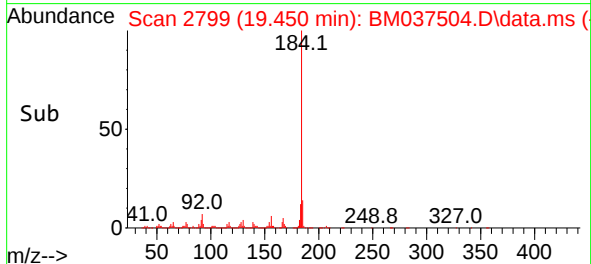
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



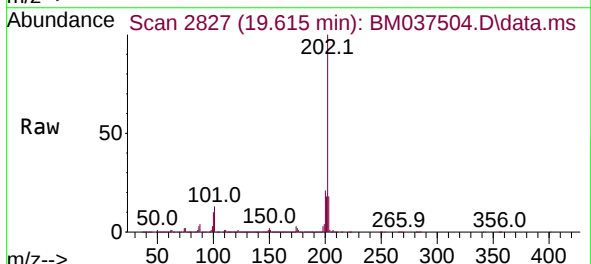
Tgt Ion:184 Resp: 1663307
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 11.6 9.0 13.6

Manual Integrations
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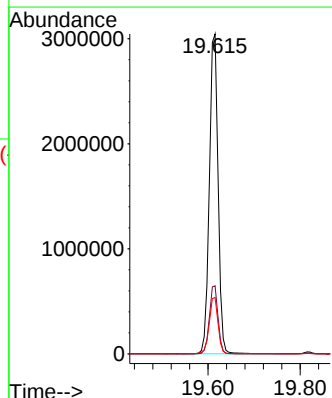
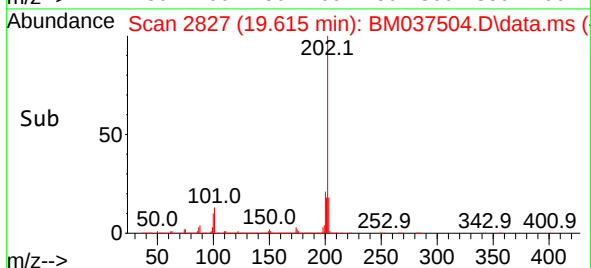
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

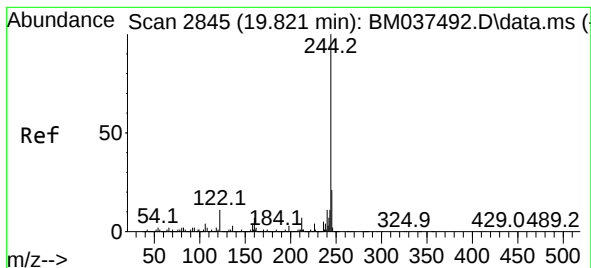


#78
Pyrene
Concen: 44.309 ng
RT: 19.615 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



Tgt Ion:202 Resp: 3983916
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 95.268 ng

RT: 19.821 min Scan# 2845

Delta R.T. -0.000 min

Lab File: BM037504.D

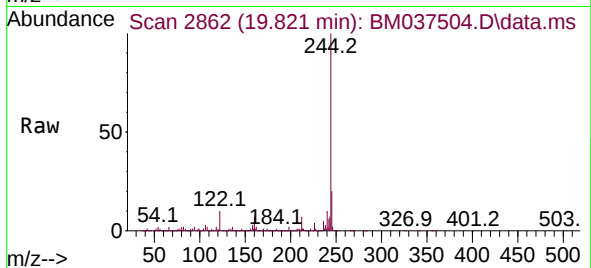
Acq: 14 Nov 2022 16:12

Instrument :

BNA_M

ClientSampleId :

PB148855BSD



Tgt Ion:244 Resp: 6540020

Ion Ratio Lower Upper

244 100

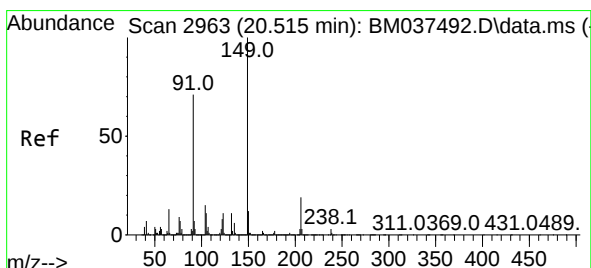
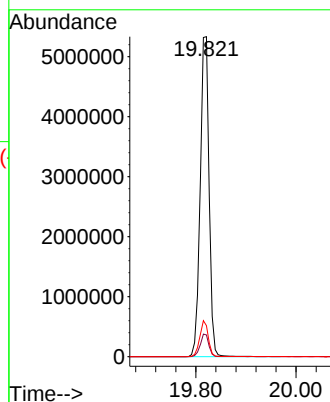
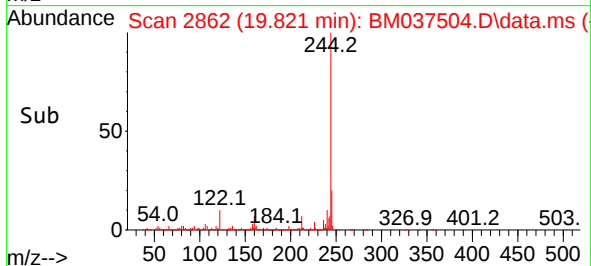
212 6.8 5.5 8.3

122 9.7 8.7 13.1

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#80

Butylbenzylphthalate

Concen: 43.407 ng

RT: 20.515 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BM037504.D

Acq: 14 Nov 2022 16:12

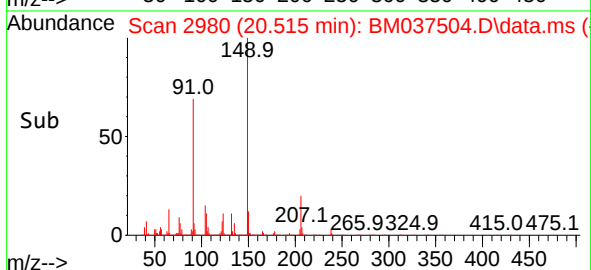
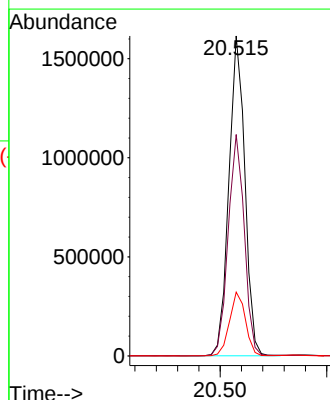
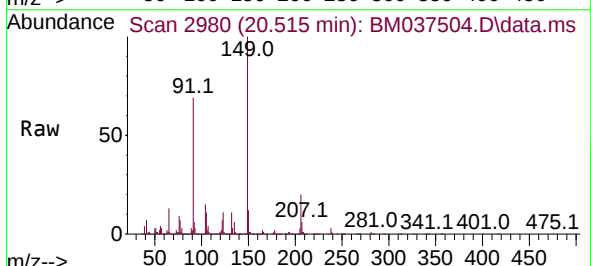
Tgt Ion:149 Resp: 1677861

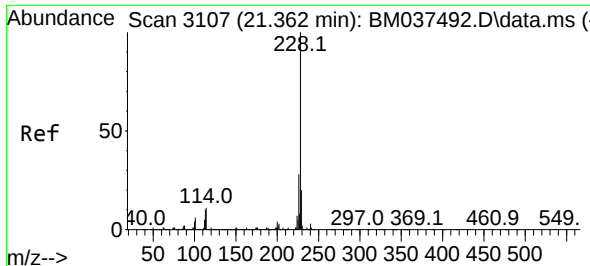
Ion Ratio Lower Upper

149 100

91 69.2 56.6 85.0

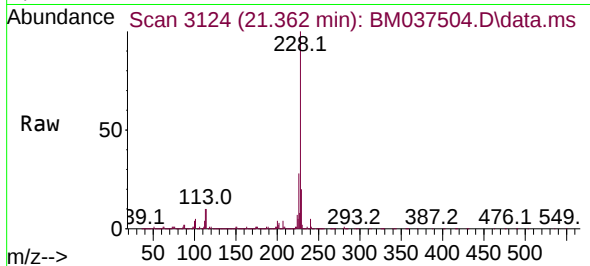
206 19.9 15.4 23.2





#81
Benzo(a)anthracene
Concen: 42.203 ng
RT: 21.362 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

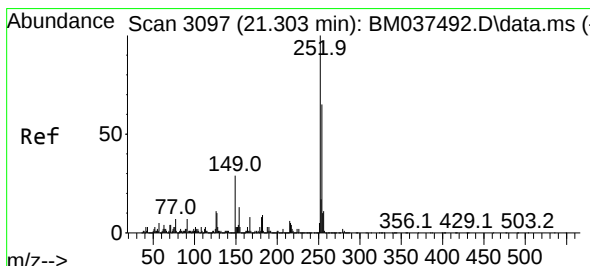
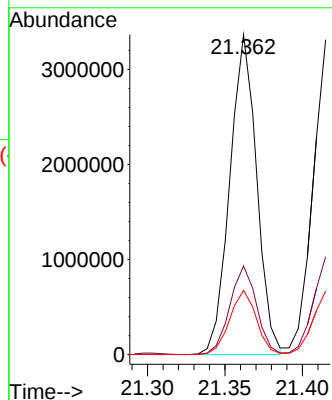
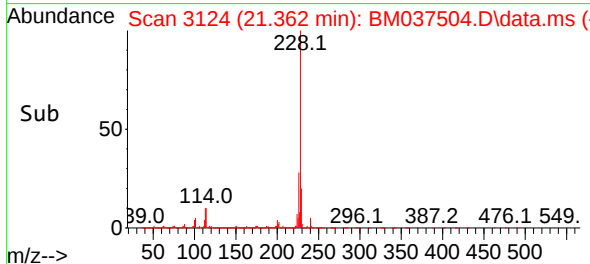
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



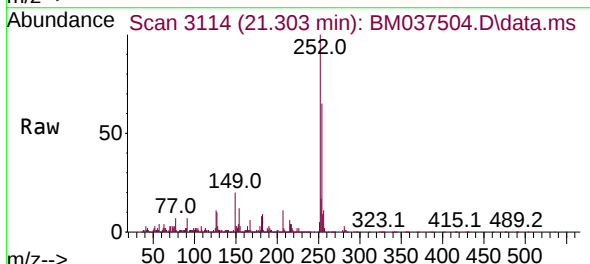
Tgt Ion:228 Resp: 4055938
Ion Ratio Lower Upper
228 100
226 27.7 22.4 33.6
229 20.1 16.2 24.2

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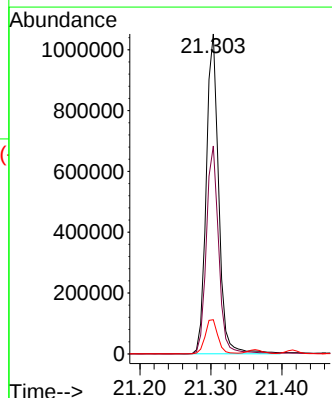
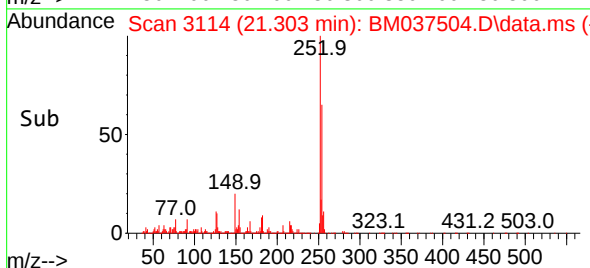
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

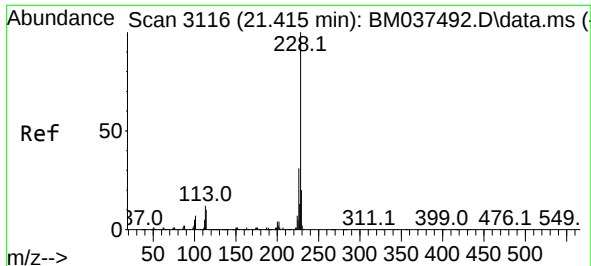


#82
3,3'-Dichlorobenzidine
Concen: 40.690 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



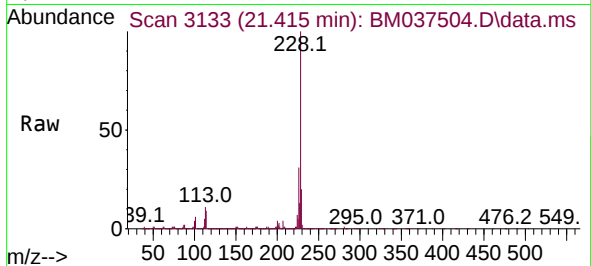
Tgt Ion:252 Resp: 1270581
Ion Ratio Lower Upper
252 100
254 65.0 52.3 78.5
126 10.7 8.8 13.2





#83
Chrysene
Concen: 41.429 ng
RT: 21.415 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

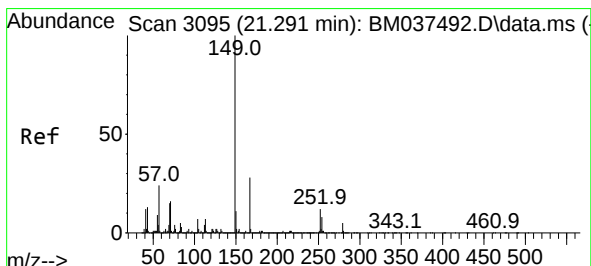
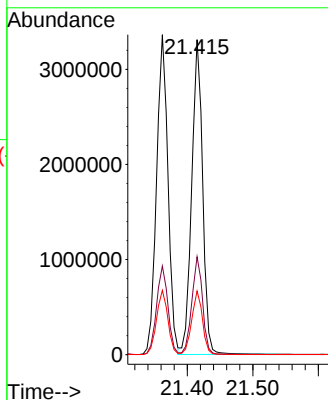
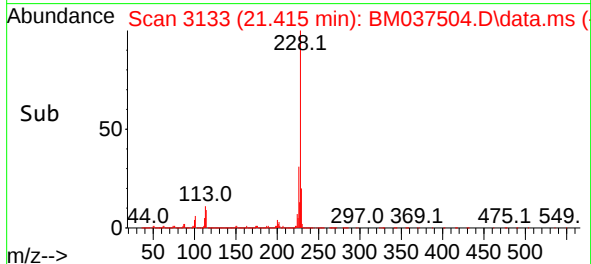
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



Tgt Ion:228 Resp: 3843932
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.4
229 20.2 16.2 24.2

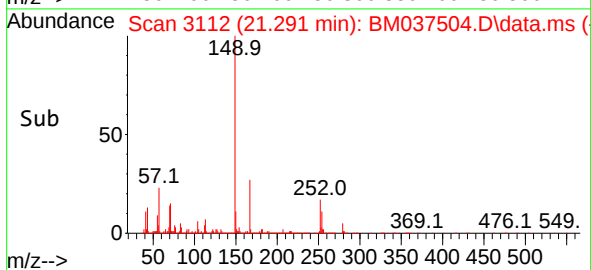
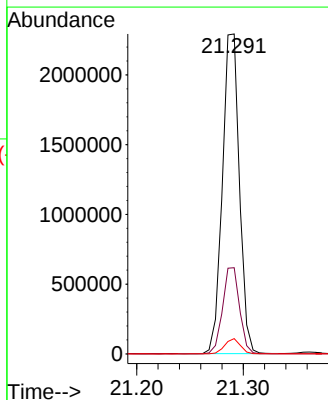
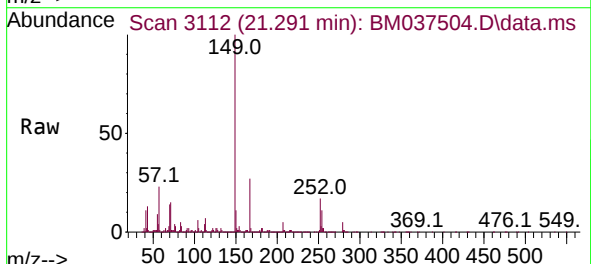
Manual Integrations
APPROVED

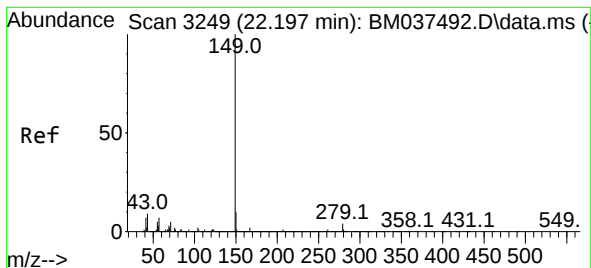
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.853 ng
RT: 21.291 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

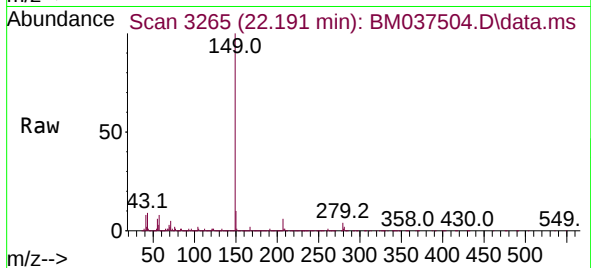
Tgt Ion:149 Resp: 2554283
Ion Ratio Lower Upper
149 100
167 26.9 22.3 33.5
279 4.8 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 43.611 ng
RT: 22.191 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

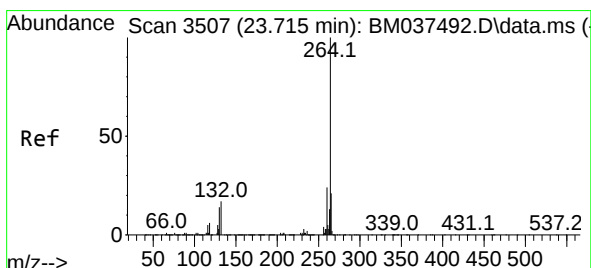
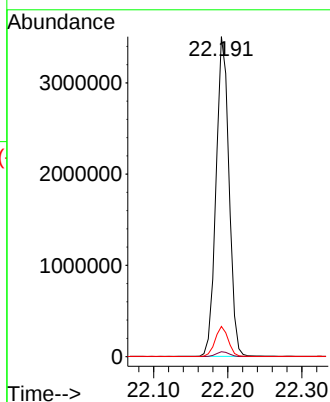
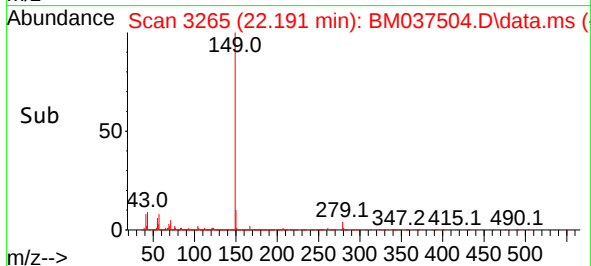
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



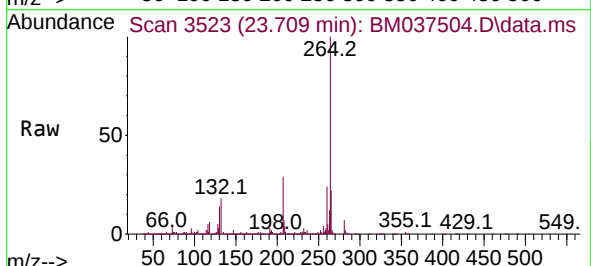
Tgt Ion:149 Resp: 4262108
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.5 7.6 11.4

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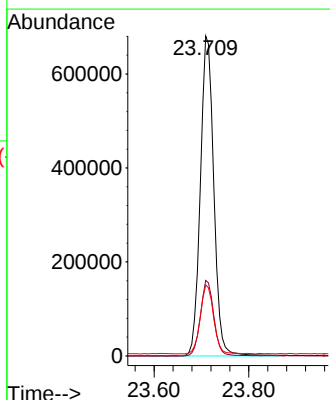
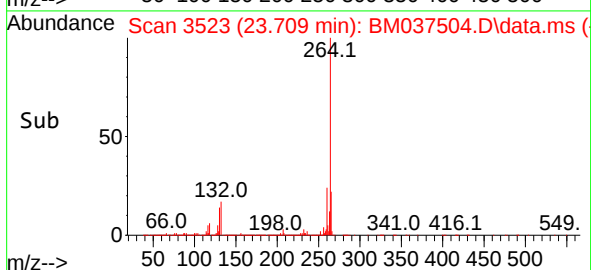
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

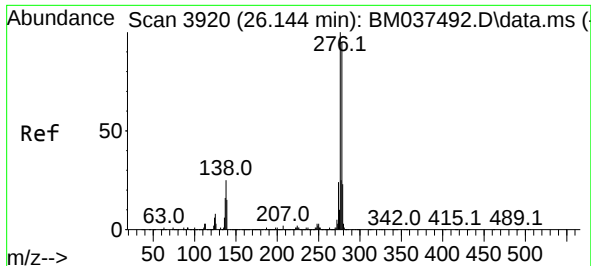


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



Tgt Ion:264 Resp: 1341346
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 22.2 17.5 26.3





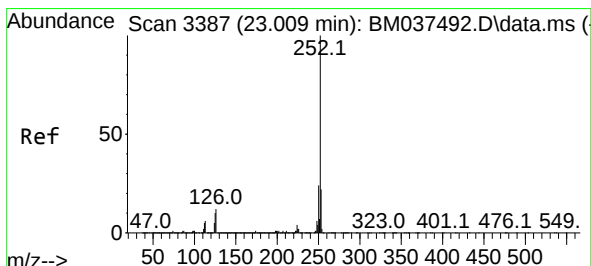
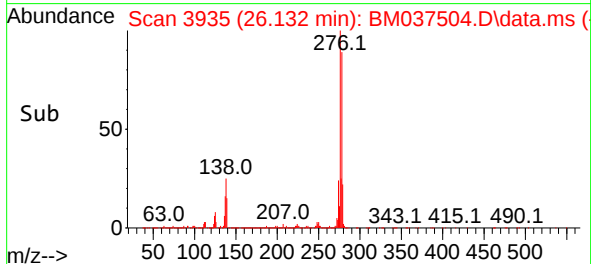
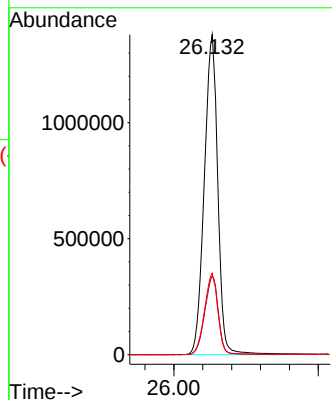
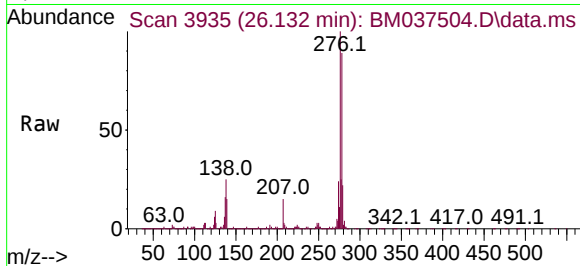
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.335 ng
RT: 26.132 min Scan# 3920
Delta R.T. -0.012 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

Instrument :
BNA_M
ClientSampleId :
PB148855BSD

Tgt Ion:276 Resp: 446840
Ion Ratio Lower Upper
276 100
138 24.6 19.7 29.5
277 25.2 20.1 30.1

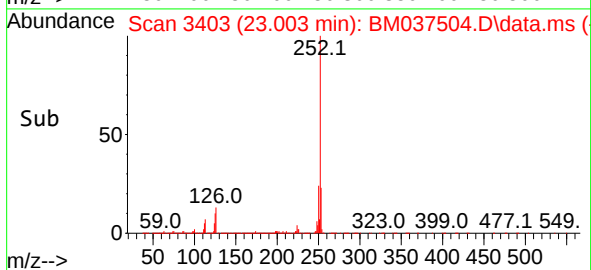
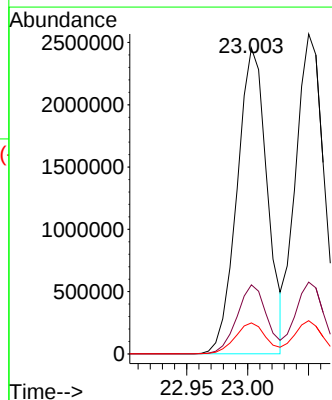
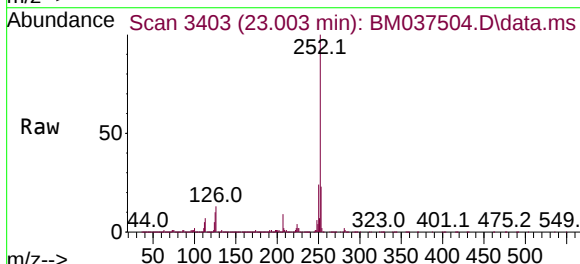
Manual Integrations
APPROVED

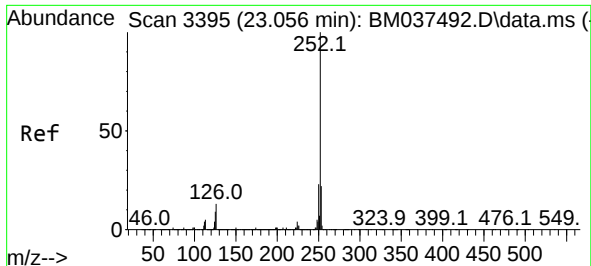
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#88
Benzo(b)fluoranthene
Concen: 46.967 ng
RT: 23.003 min Scan# 3403
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

Tgt Ion:252 Resp: 4224251
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.1 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 46.028 ng

RT: 23.050 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM037504.D

Acq: 14 Nov 2022 16:12

Instrument :

BNA_M

ClientSampleId :

PB148855BSD

Tgt Ion:252 Resp: 4198716

Ion Ratio Lower Upper

252 100

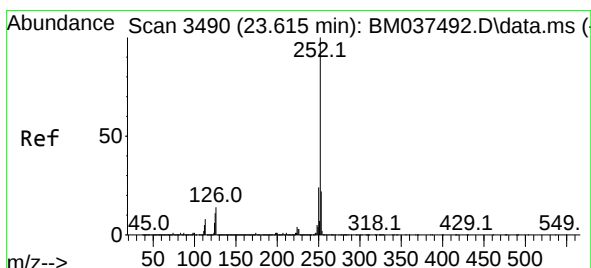
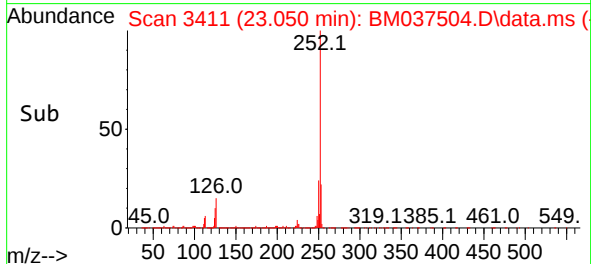
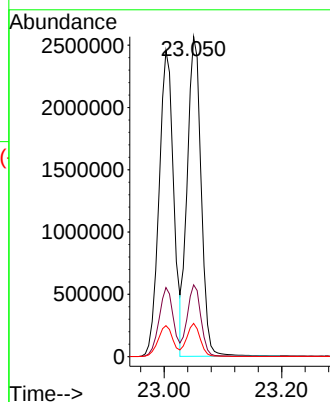
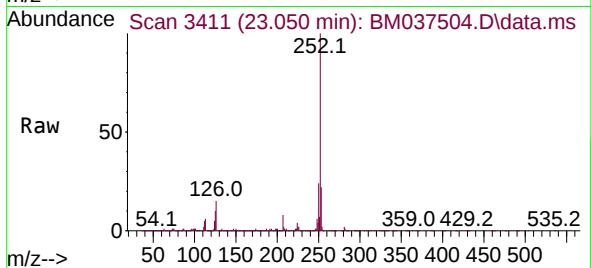
253 22.4 17.8 26.8

125 10.4 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#90

Benzo(a)pyrene

Concen: 48.015 ng

RT: 23.615 min Scan# 3507

Delta R.T. 0.000 min

Lab File: BM037504.D

Acq: 14 Nov 2022 16:12

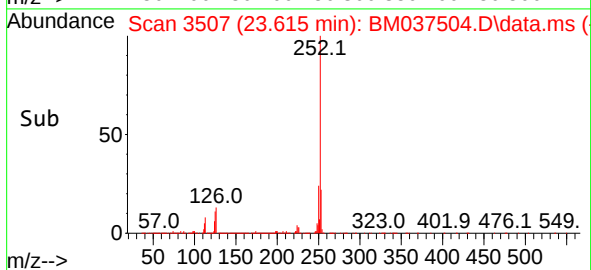
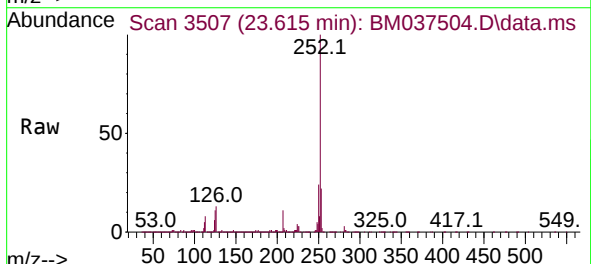
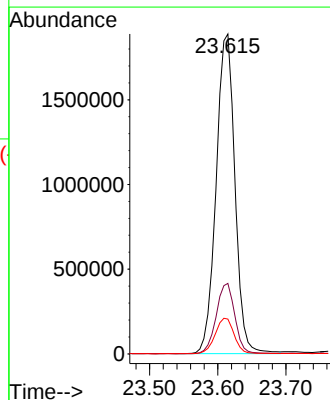
Tgt Ion:252 Resp: 3598559

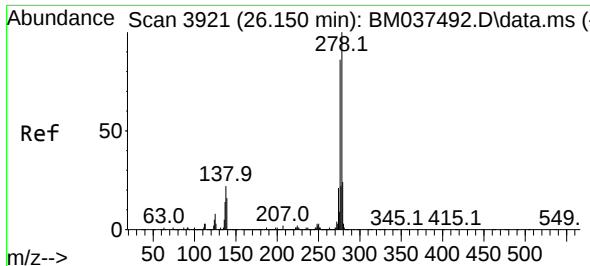
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

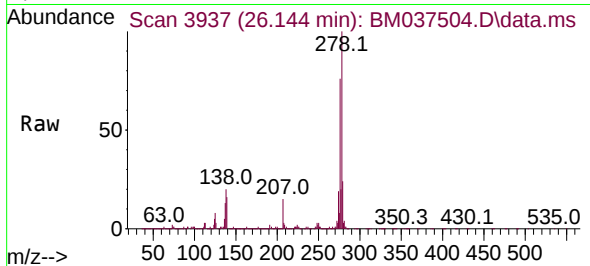
125 10.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 42.018 ng
RT: 26.144 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12

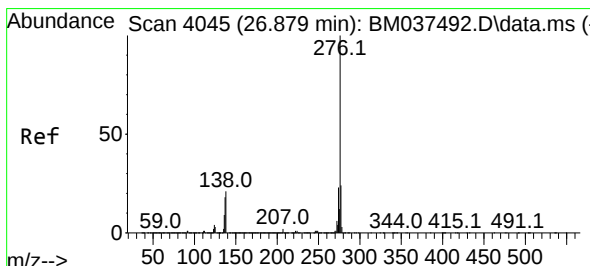
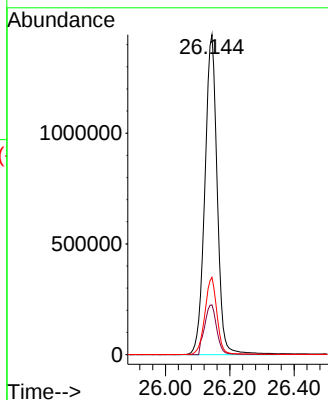
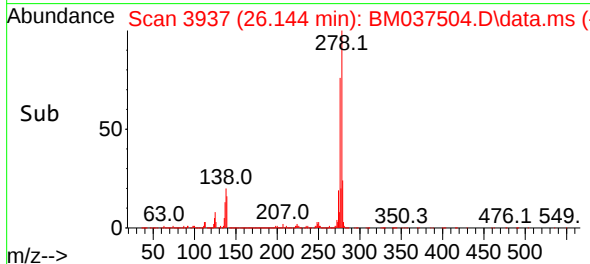
Instrument :
BNA_M
ClientSampleId :
PB148855BSD



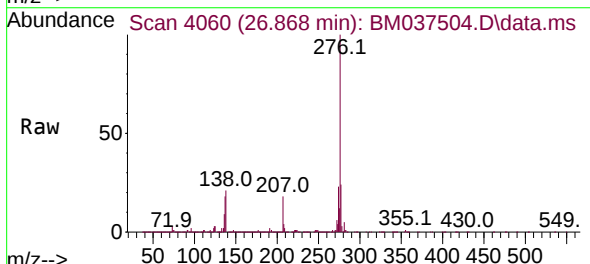
Tgt Ion:278 Resp: 3855796
Ion Ratio Lower Upper
278 100
139 15.6 12.6 18.8
279 24.1 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#92
Benzo(g,h,i)perylene
Concen: 40.347 ng
RT: 26.868 min Scan# 4060
Delta R.T. -0.012 min
Lab File: BM037504.D
Acq: 14 Nov 2022 16:12



Tgt Ion:276 Resp: 3582449
Ion Ratio Lower Upper
276 100
277 24.1 19.5 29.3
138 21.3 17.0 25.6

