

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
 Data File : BM033396.D
 Acq On : 10 Dec 2021 16:13
 Operator : CG/JU
 Sample : M4919-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FDR-MW-4-20211202MSD

Quant Time: Dec 11 02:11:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 07:11:07 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 12/11/2021
 Supervised By : Jagrut Upadhyay 12/13/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	72273	20.000	ng	0.00
21) Naphthalene-d8	10.701	136	297022	20.000	ng	0.00
39) Acenaphthene-d10	14.530	164	209300	20.000	ng	0.00
64) Phenanthrene-d10	17.271	188	446786	20.000	ng	0.00
76) Chrysene-d12	21.436	240	345140	20.000	ng	0.00
86) Perylene-d12	23.753	264	260582	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	275309	62.493	ng	0.00
7) Phenol-d6	7.078	99	228789	37.246	ng	-0.01
23) Nitrobenzene-d5	9.072	82	654721	93.595	ng	0.00
42) 2,4,6-Tribromophenol	16.019	330	336346	150.226	ng	0.00
45) 2-Fluorobiphenyl	13.154	172	1327710	87.747	ng	0.00
79) Terphenyl-d14	19.883	244	1719792	92.317	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.402	88	33571	17.098	ng	97
3) Pyridine	3.808	79	63143	12.666	ng	97
4) n-Nitrosodimethylamine	3.713	42	59463	20.466	ng	# 94
6) Aniline	7.237	93	156266	22.638	ng	99
8) 2-Chlorophenol	7.472	128	195063	41.982	ng	96
9) Benzaldehyde	7.048	77	146829	40.510	ng	97
10) Phenol	7.101	94	91876	14.983	ng	94
11) bis(2-Chloroethyl)ether	7.331	93	240388	49.950	ng	98
12) 1,3-Dichlorobenzene	7.795	146	241752	44.271	ng	98
13) 1,4-Dichlorobenzene	7.943	146	247951	44.685	ng	98
14) 1,2-Dichlorobenzene	8.254	146	239849	44.183	ng	99
15) Benzyl Alcohol	8.148	79	169699	33.392	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.431	45	414919	48.806	ng	99
17) 2-Methylphenol	8.354	107	146612	35.116	ng	99
18) Hexachloroethane	8.978	117	98955	45.415	ng	97
19) n-Nitroso-di-n-propyla...	8.713	70	232014	52.775	ng	98
20) 3+4-Methylphenols	8.678	107	177954	31.409	ng	98
22) Acetophenone	8.731	105	399754	49.745	ng	97
24) Nitrobenzene	9.113	77	347713	51.936	ng	99
25) Isophorone	9.637	82	591428	55.671	ng	99
26) 2-Nitrophenol	9.819	139	132599	53.888	ng	96
27) 2,4-Dimethylphenol	9.878	122	217829	55.581	ng	98
28) bis(2-Chloroethoxy)met...	10.113	93	338370	50.430	ng	99
29) 2,4-Dichlorophenol	10.354	162	232400	51.261	ng	98
30) 1,2,4-Trichlorobenzene	10.560	180	254491	47.641	ng	96
31) Naphthalene	10.748	128	788687	49.684	ng	99
32) Benzoic acid	9.989	122	48536	17.101	ng	94
33) 4-Chloroaniline	10.866	127	110236	17.910	ng	97
34) Hexachlorobutadiene	11.025	225	157371	46.642	ng	97
35) Caprolactam	11.683	113	12208m	13.818	ng	
36) 4-Chloro-3-methylphenol	11.983	107	265952	48.836	ng	97
37) 2-Methylnaphthalene	12.354	142	596371	54.959	ng	96
38) 1-Methylnaphthalene	12.578	142	556590	52.016	ng	100
40) 1,2,4,5-Tetrachloroben...	12.725	216	294229	47.577	ng	98
41) Hexachlorocyclopentadiene	12.695	237	322253	97.803	ng	99
43) 2,4,6-Trichlorophenol	12.966	196	209443	51.156	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.036	196	225605	51.402	ng	97
46) 1,1'-Biphenyl	13.366	154	773651	48.531	ng	99
47) 2-Chloronaphthalene	13.413	162	598891	48.977	ng	99
48) 2-Nitroaniline	13.619	65	239640	55.277	ng	100
49) Acenaphthylene	14.254	152	986363	51.279	ng	99
50) Dimethylphthalate	13.995	163	799446	52.575	ng	99
51) 2,6-Dinitrotoluene	14.113	165	172909	55.734	ng	93
52) Acenaphthene	14.595	154	594707	50.993	ng	99
53) 3-Nitroaniline	14.448	138	77907	24.102	ng	97
54) 2,4-Dinitrophenol	14.648	184	158807	92.489	ng	94
55) Dibenzofuran	14.930	168	973712	50.230	ng	98
56) 4-Nitrophenol	14.760	139	101603	41.646	ng	94
57) 2,4-Dinitrotoluene	14.901	165	244064	59.672	ng	97
58) Fluorene	15.577	166	819268	53.700	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.154	232	203104	53.465	ng	99
60) Diethylphthalate	15.348	149	859144	56.050	ng	99
61) 4-Chlorophenyl-phenyle...	15.571	204	400441	51.500	ng	98
62) 4-Nitroaniline	15.607	138	163978	48.297	ng	97
63) Azobenzene	15.866	77	941081	53.149	ng	98
65) 4,6-Dinitro-2-methylph...	15.660	198	104720	41.480	ng	93
66) n-Nitrosodiphenylamine	15.789	169	705313	52.124	ng	99
67) 4-Bromophenyl-phenylether	16.460	248	243372	51.846	ng	96
68) Hexachlorobenzene	16.577	284	264266	51.948	ng	95
69) Atrazine	16.736	200	252782	91.320	ng	100
70) Pentachlorophenol	16.924	266	342961	122.690	ng	97
71) Phenanthrene	17.313	178	1292512	51.672	ng	100
72) Anthracene	17.407	178	1310699	53.632	ng	100
73) Carbazole	17.677	167	1192323	50.637	ng	99
74) Di-n-butylphthalate	18.230	149	1525182	59.210	ng	99
75) Fluoranthene	19.324	202	1457210	52.410	ng	99
77) Benzidine	19.512	184	35597	7.651	ng	98
78) Pyrene	19.683	202	1479666	61.214	ng	99
80) Butylbenzylphthalate	20.571	149	642270	67.381	ng	100
81) Benzo(a)anthracene	21.418	228	1164765	51.387	ng	99
82) 3,3'-Dichlorobenzidine	21.353	252	286008	27.858	ng	99
83) Chrysene	21.471	228	1119333	51.104	ng	100
84) Bis(2-ethylhexyl)phtha...	21.336	149	896954	67.226	ng	99
85) Di-n-octyl phthalate	22.236	149	1357163	60.997	ng	99
87) Indeno(1,2,3-cd)pyrene	26.130	276	884864	49.509	ng	98
88) Benzo(b)fluoranthene	23.053	252	978492	59.638	ng	99
89) Benzo(k)fluoranthene	23.100	252	894057	55.163	ng	97
90) Benzo(a)pyrene	23.653	252	868772	64.128	ng	99
91) Dibenzo(a,h)anthracene	26.141	278	764933	50.723	ng	98
92) Benzo(g,h,i)perylene	26.859	276	751325	50.941	ng	99

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

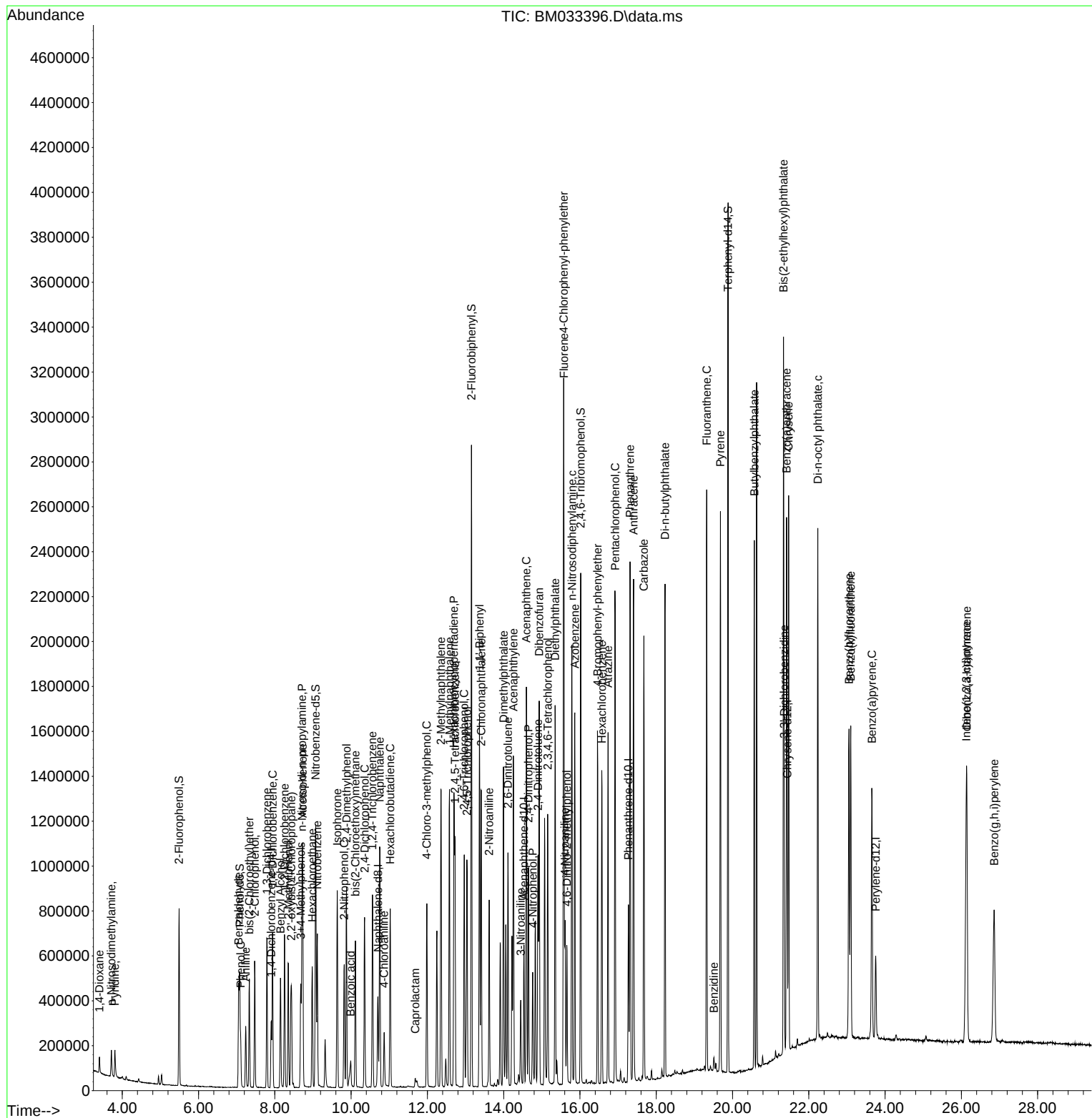
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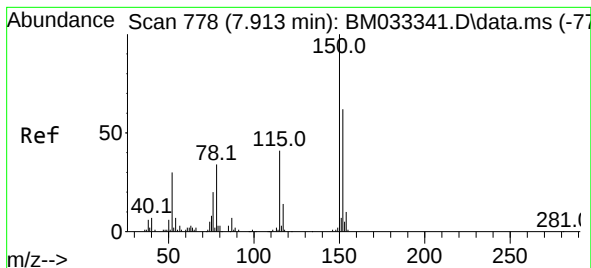
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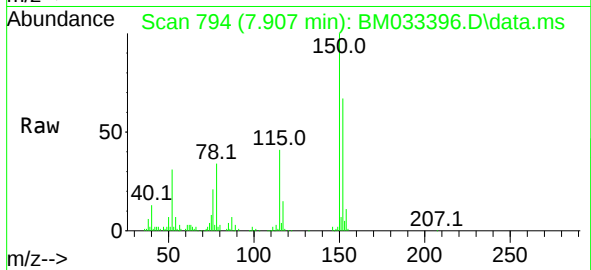
Reviewed By : Christian Giraldo 12/11/2021
 Supervised By : Jagrut Upadhyay 12/13/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.907 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

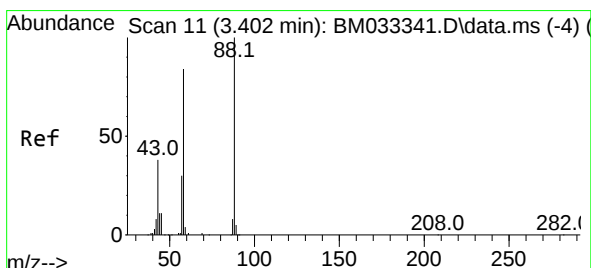
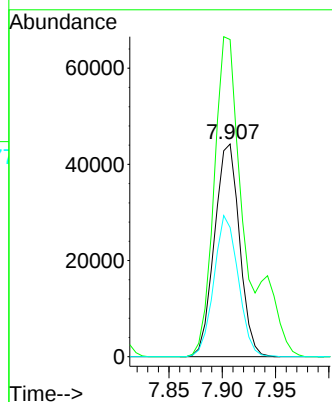
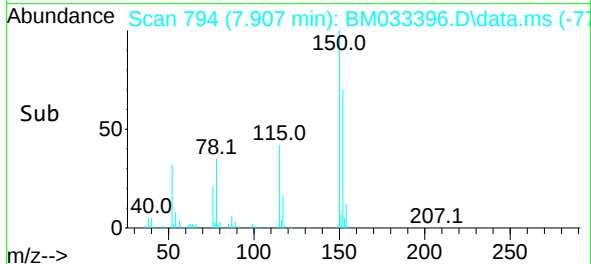
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion: 152 Resp: 7227
Ion Ratio Lower Upper
152 100
150 149.2 128.9 193.3
115 60.7 53.0 79.6

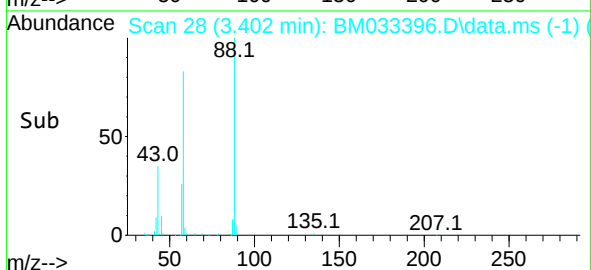
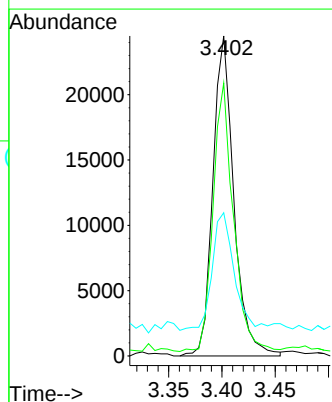
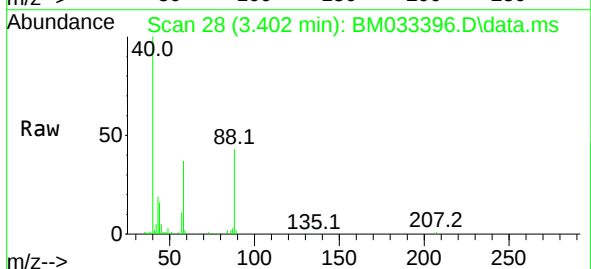
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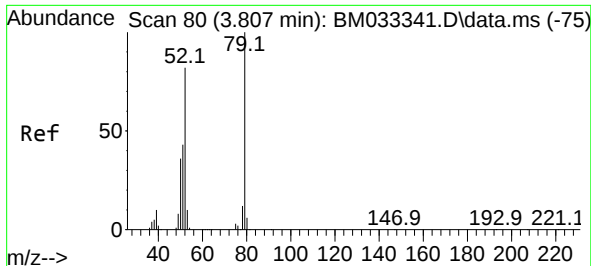
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#2
1,4-Dioxane
Concen: 17.098 ng
RT: 3.402 min Scan# 28
Delta R.T. 0.000 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

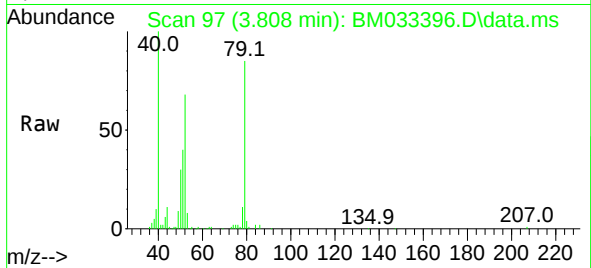
Tgt Ion: 88 Resp: 33571
Ion Ratio Lower Upper
88 100
58 81.5 67.0 100.4
43 36.5 31.6 47.4





#3
Pyridine
Concen: 12.666 ng
RT: 3.808 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

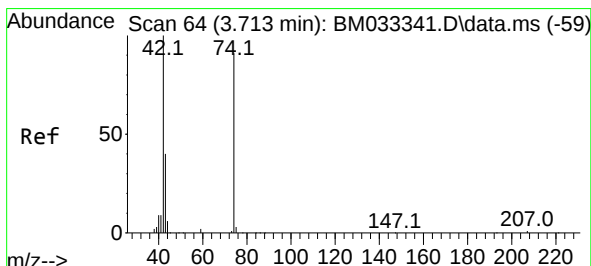
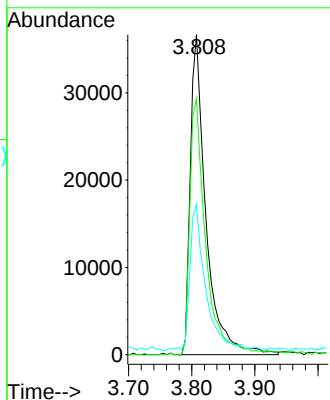
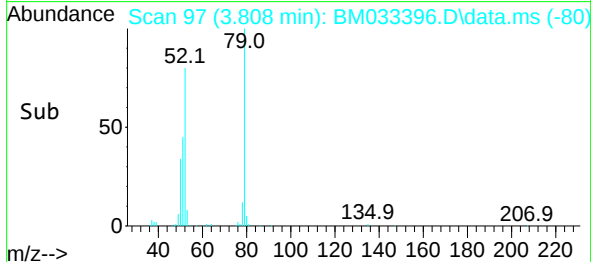
Instrument :
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ClientSampleId :
FDR-MW-4-20211202MSD



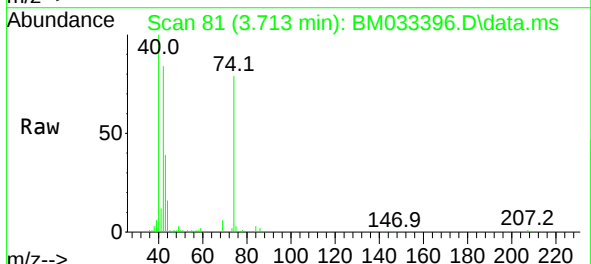
Tgt Ion: 79 Resp: 6314
Ion Ratio Lower Upper
79 100
52 80.1 65.4 98.2
51 47.0 34.8 52.2

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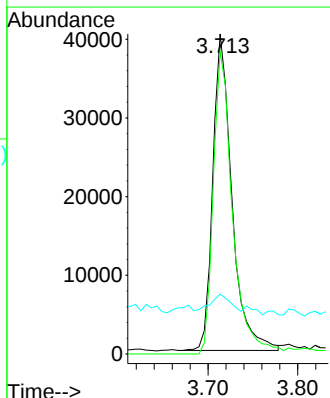
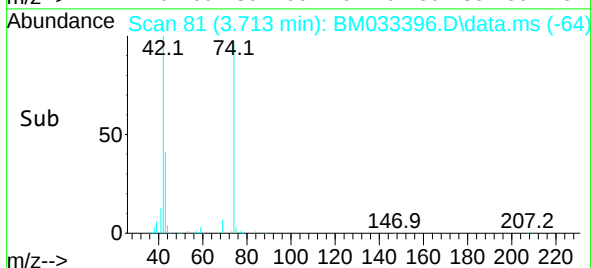
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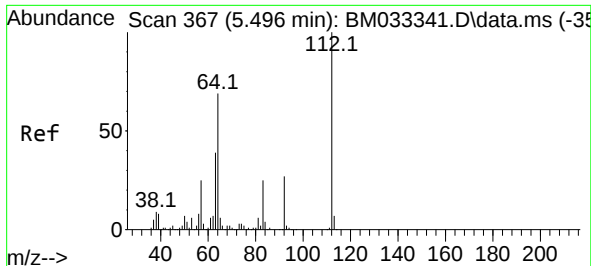


#4
n-Nitrosodimethylamine
Concen: 20.466 ng
RT: 3.713 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13



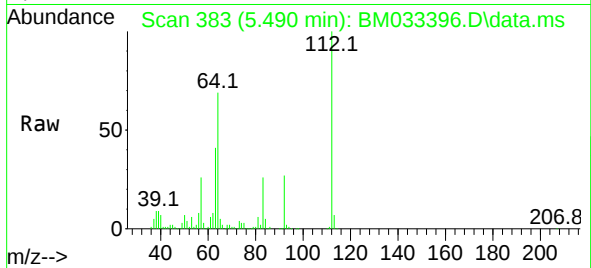
Tgt Ion: 42 Resp: 59463
Ion Ratio Lower Upper
42 100
74 94.5 72.5 108.7
44 18.7 5.4 8.2





#5
2-Fluorophenol
Concen: 62.493 ng
RT: 5.490 min Scan# 367
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

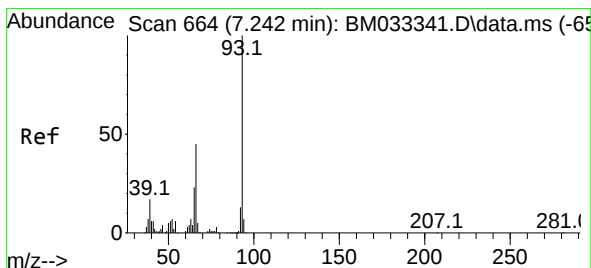
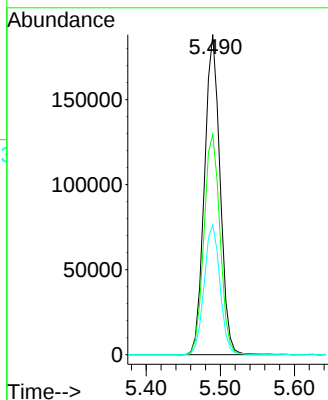
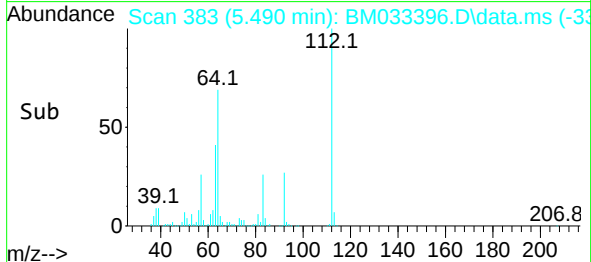
Instrument :
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ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion: 112 Resp: 275309
Ion Ratio Lower Upper
112 100
64 68.8 55.5 83.3
63 40.6 31.3 46.9

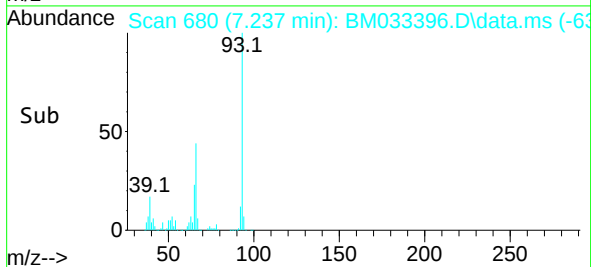
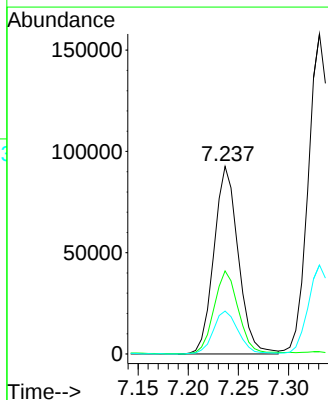
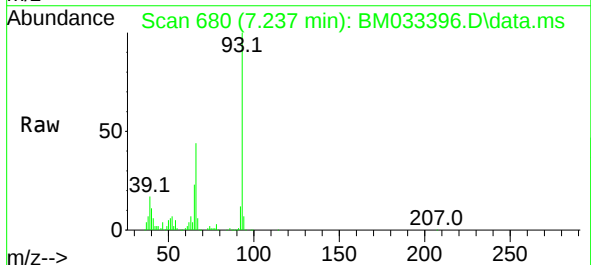
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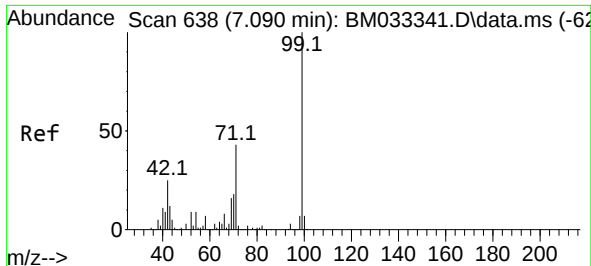
Reviewed By :Christian Giraldo 12/11/2021
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#6
Aniline
Concen: 22.638 ng
RT: 7.237 min Scan# 680
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

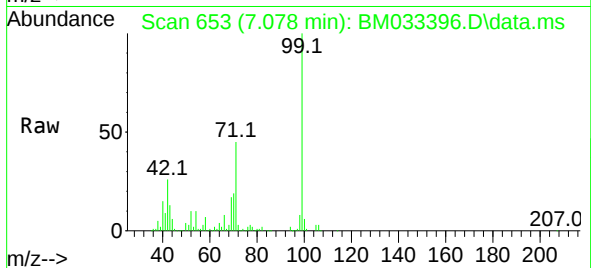
Tgt Ion: 93 Resp: 156266
Ion Ratio Lower Upper
93 100
66 44.3 36.0 54.0
65 22.9 18.2 27.4





#7
Phenol-d6
Concen: 37.246 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

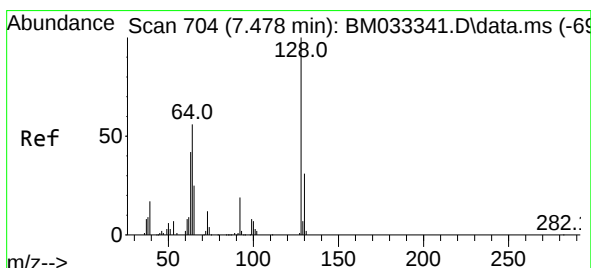
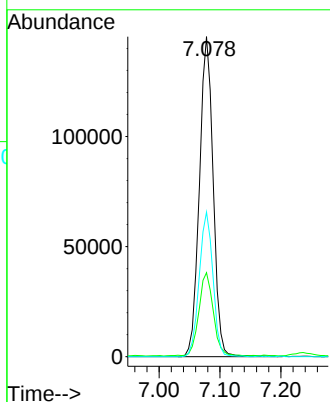
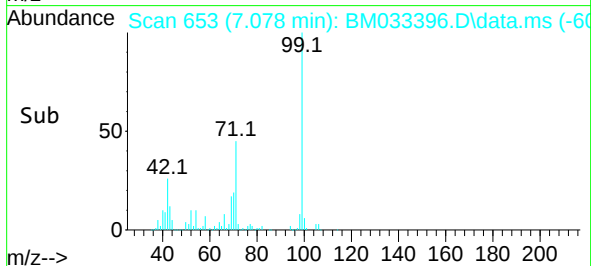
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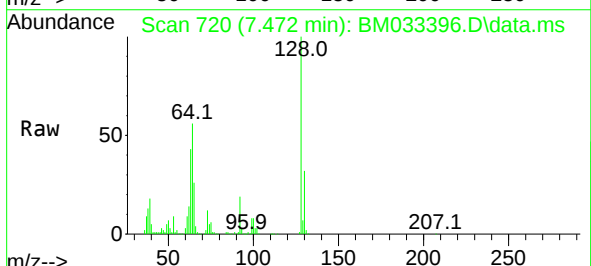
Tgt Ion: 99 Resp: 228789
Ion Ratio Lower Upper
99 100
42 26.3 20.3 30.5
71 45.2 34.5 51.7

Manual Integrations
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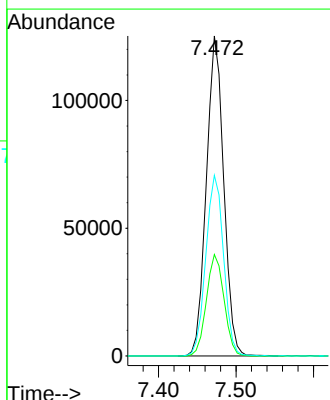
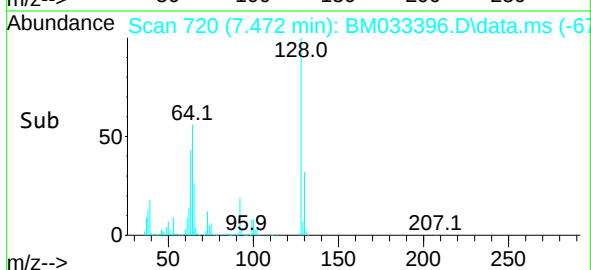
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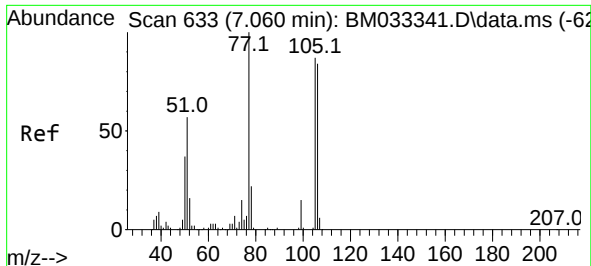


#8
2-Chlorophenol
Concen: 41.982 ng
RT: 7.472 min Scan# 720
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13



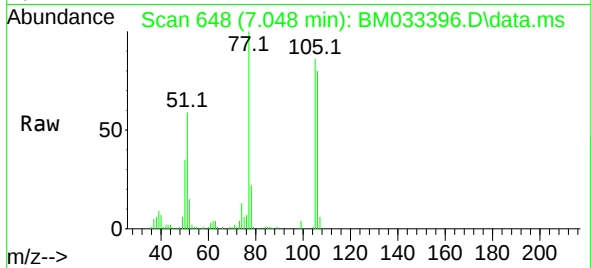
Tgt Ion:128 Resp: 195063
Ion Ratio Lower Upper
128 100
130 31.7 10.9 50.9
64 56.4 40.6 80.6





#9
Benzaldehyde
Concen: 40.510 ng
RT: 7.048 min Scan# 64
Delta R.T. -0.011 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

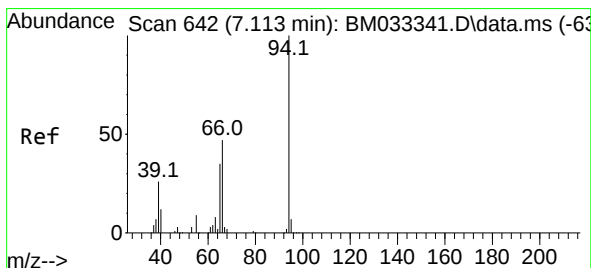
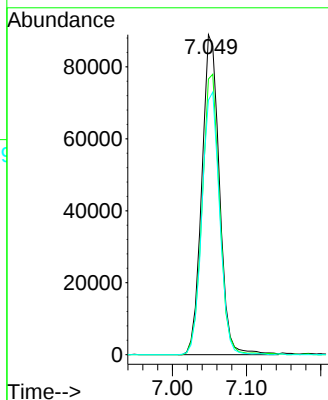
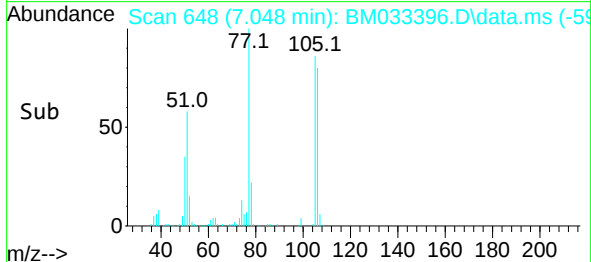
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Tgt Ion: 77 Resp: 146829
Ion Ratio Lower Upper
77 100
105 86.2 67.1 107.1
106 79.6 64.3 104.3

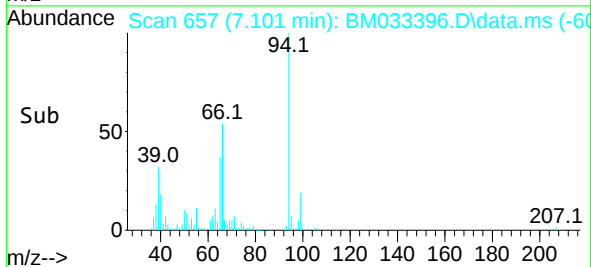
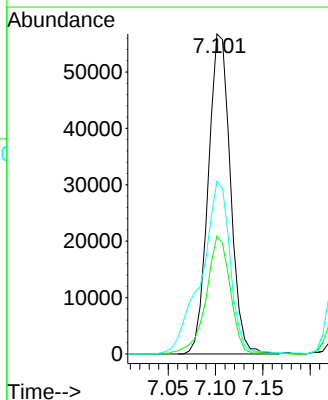
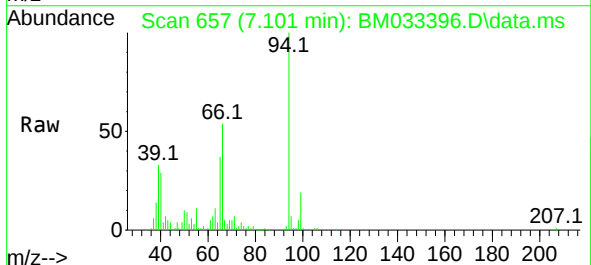
Manual Integrations
APPROVED

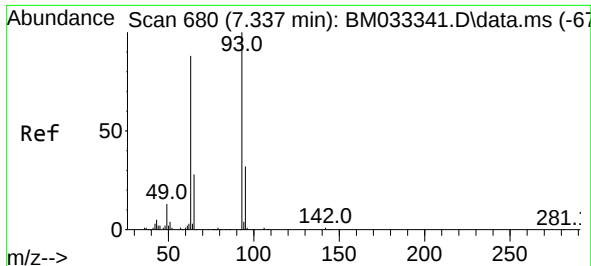
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#10
Phenol
Concen: 14.983 ng
RT: 7.101 min Scan# 657
Delta R.T. -0.012 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

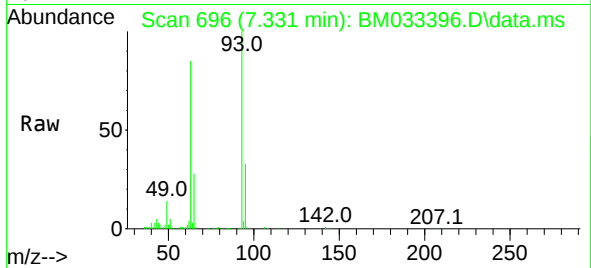
Tgt Ion: 94 Resp: 91876
Ion Ratio Lower Upper
94 100
65 36.8 15.5 55.5
66 54.0 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 49.950 ng
RT: 7.331 min Scan# 696
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

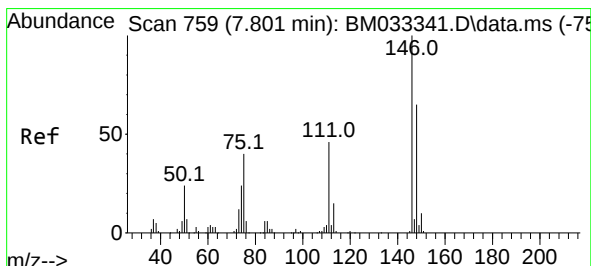
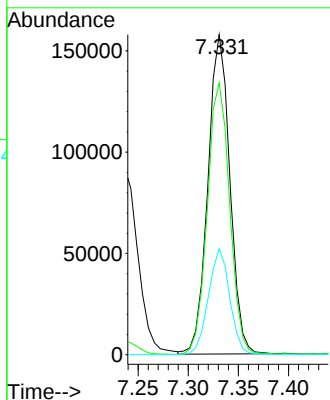
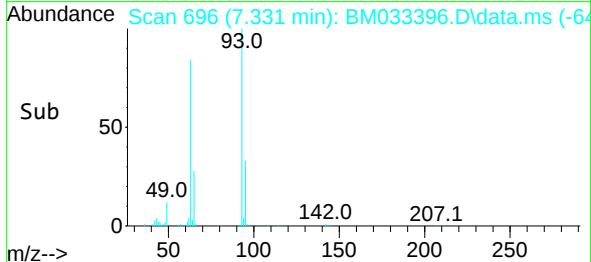
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



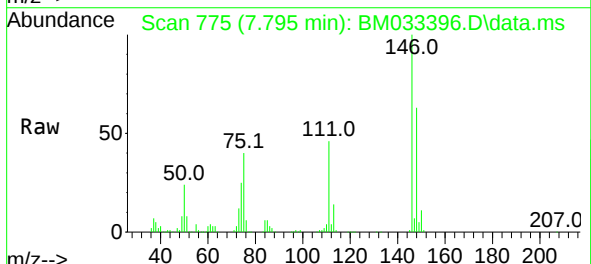
Tgt Ion: 93 Resp: 240388
Ion Ratio Lower Upper
93 100
63 84.9 67.0 107.0
95 33.1 11.6 51.6

Manual Integrations
APPROVED

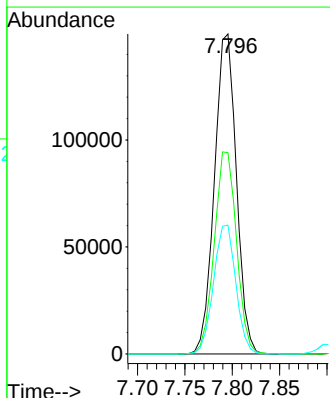
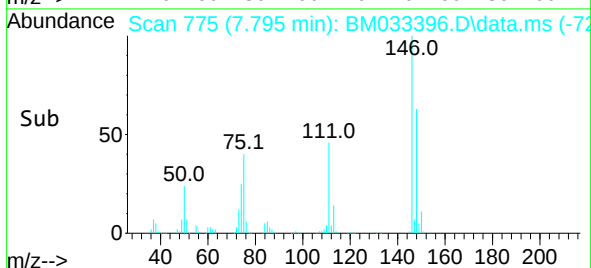
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

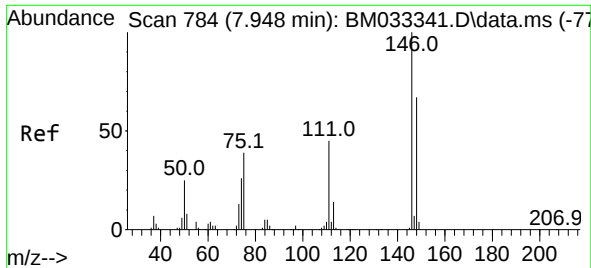


#12
1,3-Dichlorobenzene
Concen: 44.271 ng
RT: 7.795 min Scan# 775
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13



Tgt Ion:146 Resp: 241752
Ion Ratio Lower Upper
146 100
148 62.9 52.1 78.1
75 40.2 32.0 48.0





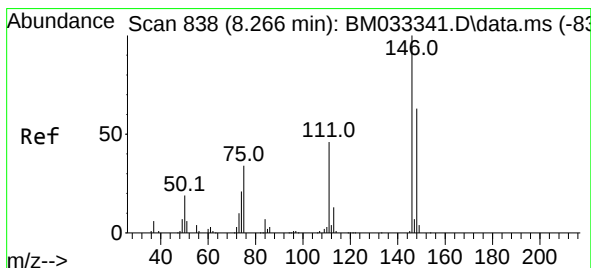
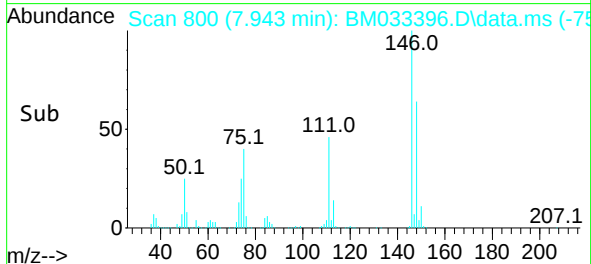
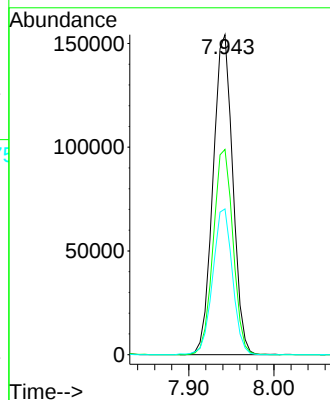
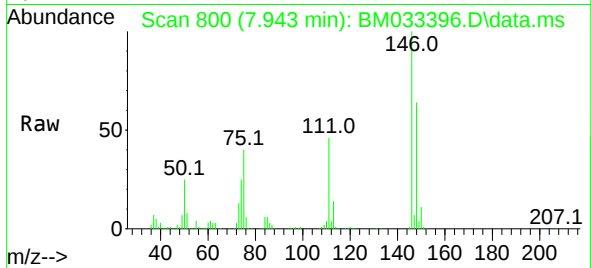
#13
1,4-Dichlorobenzene
Concen: 44.685 ng
RT: 7.943 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD

Tgt Ion:146 Resp: 24795
Ion Ratio Lower Upper
146 100
148 64.2 53.4 80.0
111 45.5 36.6 55.0

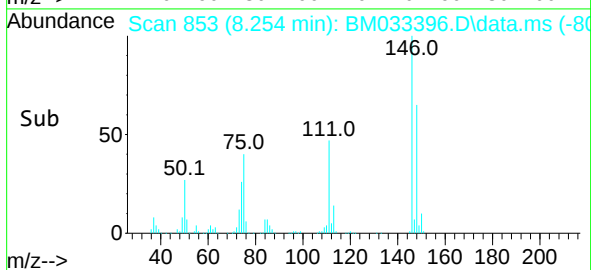
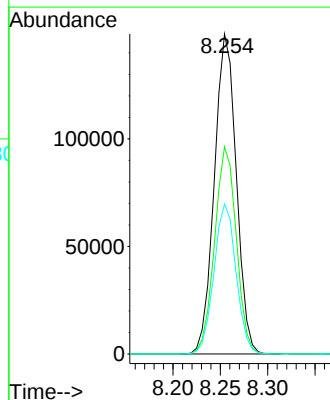
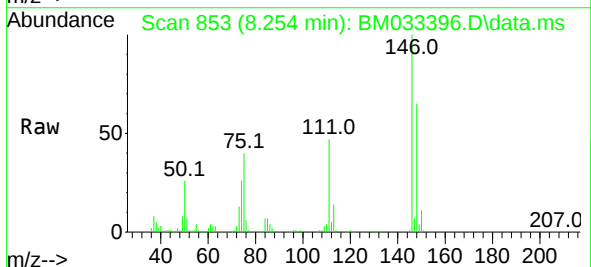
Manual Integrations
APPROVED

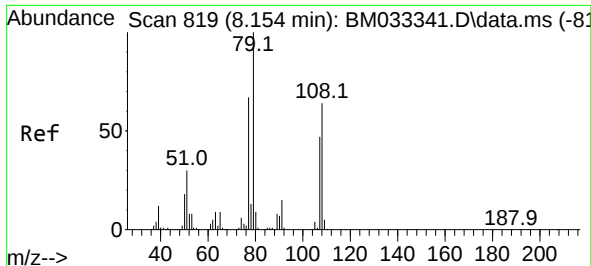
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#14
1,2-Dichlorobenzene
Concen: 44.183 ng
RT: 8.254 min Scan# 853
Delta R.T. -0.012 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

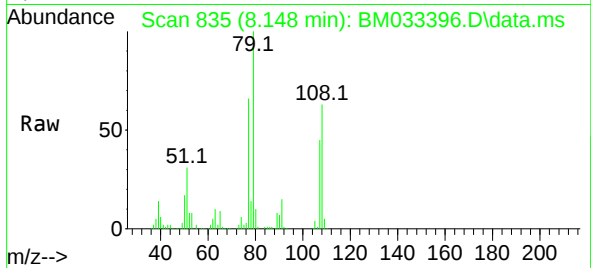
Tgt Ion:146 Resp: 239849
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
111 46.9 37.8 56.8





#15
Benzyl Alcohol
Concen: 33.392 ng
RT: 8.148 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

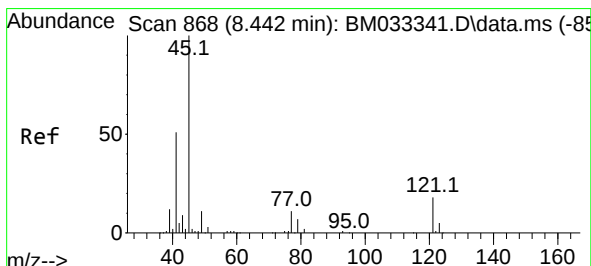
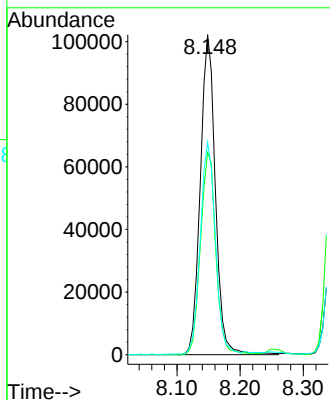
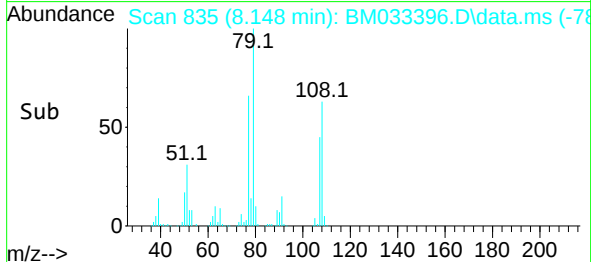
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion: 79 Resp: 169699
Ion Ratio Lower Upper
79 100
108 63.2 51.1 76.7
77 66.4 53.8 80.8

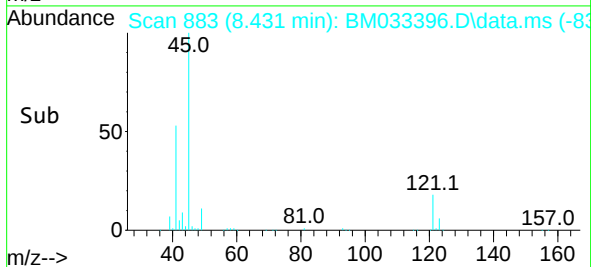
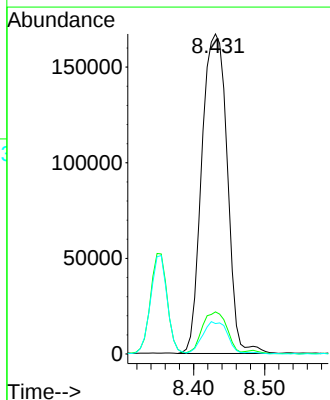
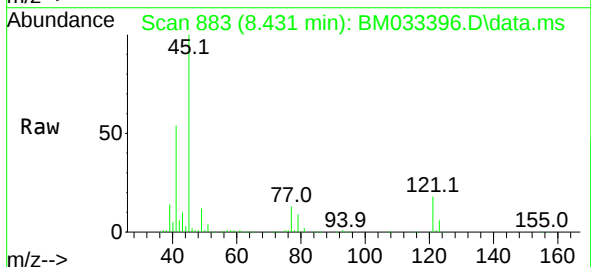
Manual Integrations
APPROVED

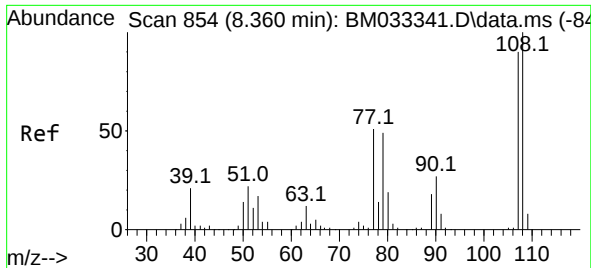
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.806 ng
RT: 8.431 min Scan# 883
Delta R.T. -0.012 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

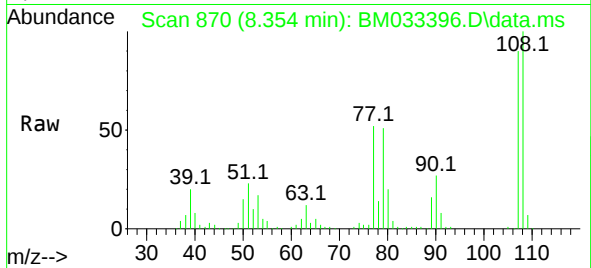
Tgt Ion: 45 Resp: 414919
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.7
79 9.5 0.0 30.0





#17
2-Methylphenol
Concen: 35.116 ng
RT: 8.354 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

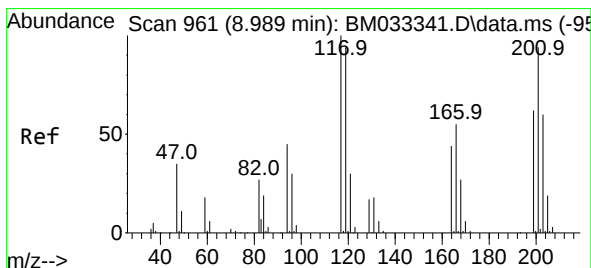
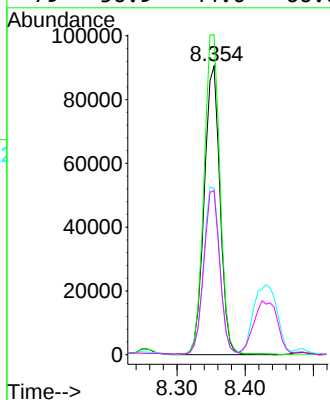
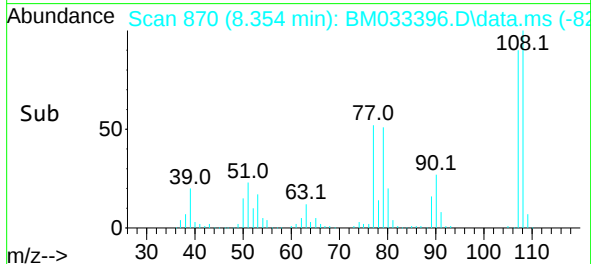
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:107 Resp: 146612
Ion Ratio Lower Upper
107 100
108 110.9 89.2 133.8
77 57.8 46.0 69.0
79 56.9 44.0 66.0

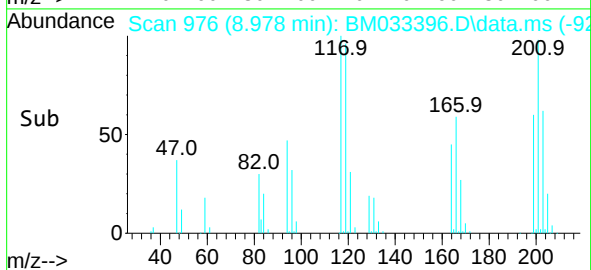
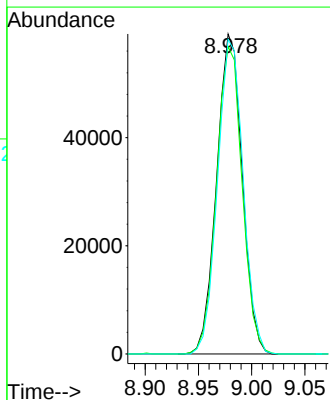
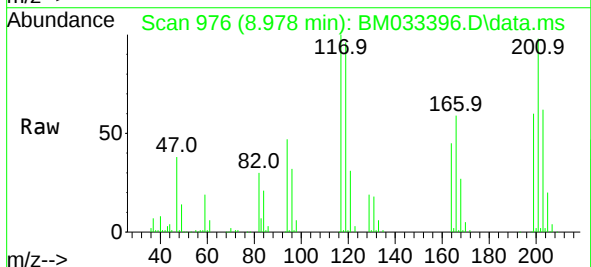
Manual Integrations
APPROVED

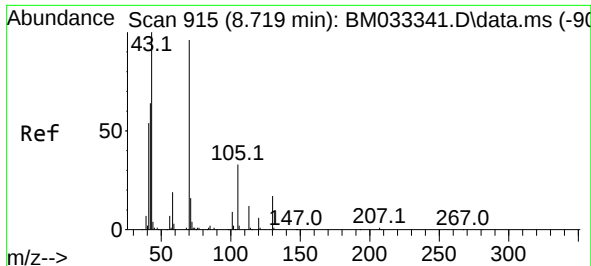
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#18
Hexachloroethane
Concen: 45.415 ng
RT: 8.978 min Scan# 976
Delta R.T. -0.012 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

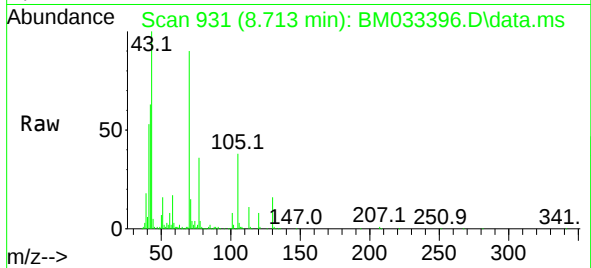
Tgt Ion:117 Resp: 98955
Ion Ratio Lower Upper
117 100
119 96.1 75.0 112.6
201 98.3 75.2 112.8





#19
n-Nitroso-di-n-propylamine
Concen: 52.775 ng
RT: 8.713 min Scan# 915
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

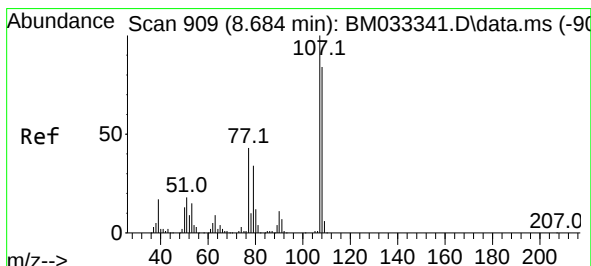
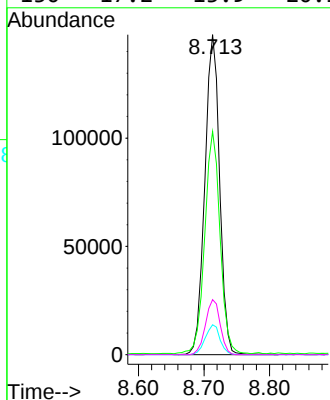
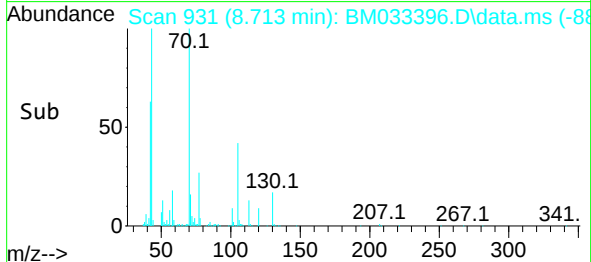
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion: 70 Resp: 232014
Ion Ratio Lower Upper
70 100
42 69.8 54.1 81.1
101 9.4 7.8 11.6
130 17.2 13.9 20.9

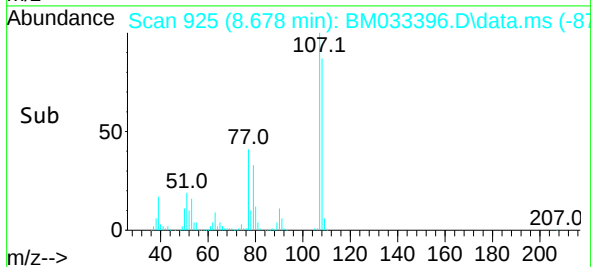
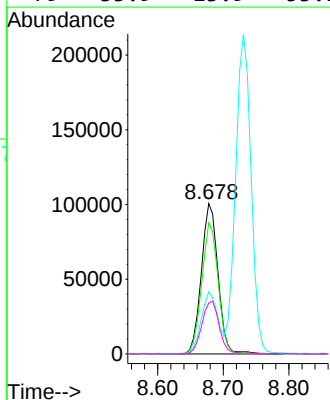
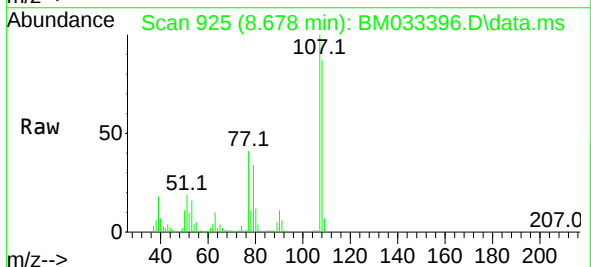
Manual Integrations
APPROVED

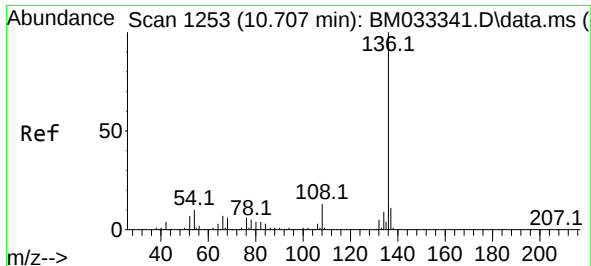
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#20
3+4-Methylphenols
Concen: 31.409 ng
RT: 8.678 min Scan# 925
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

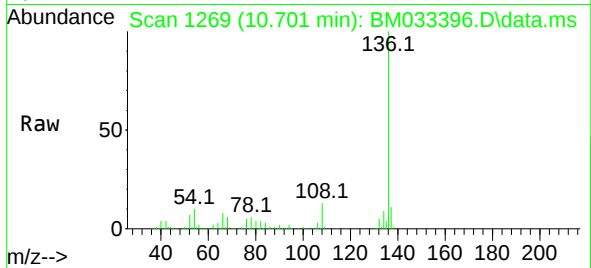
Tgt Ion:107 Resp: 177954
Ion Ratio Lower Upper
107 100
108 87.3 64.2 104.2
77 41.4 22.7 62.7
79 33.9 13.9 53.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.701 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

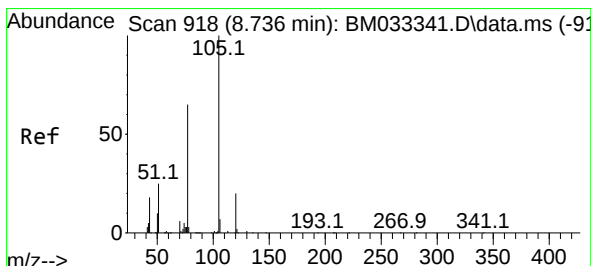
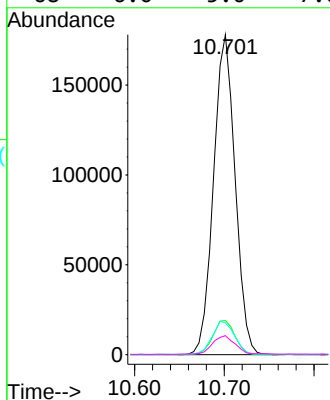
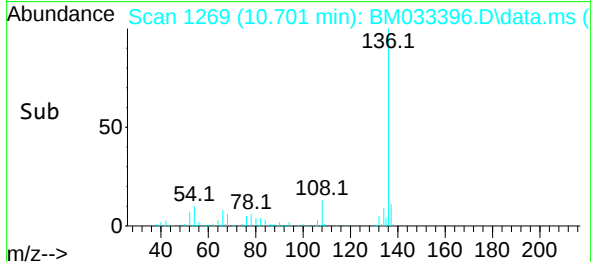
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:136 Resp: 29702
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.0 8.3 12.5
68 6.0 5.0 7.6

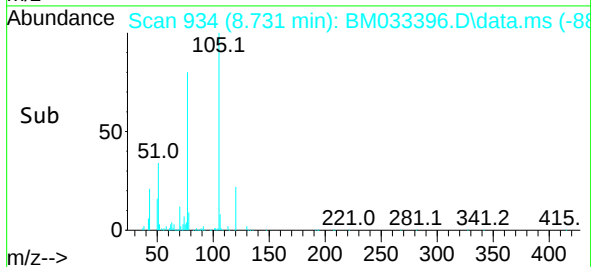
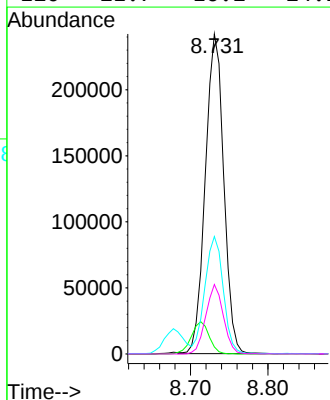
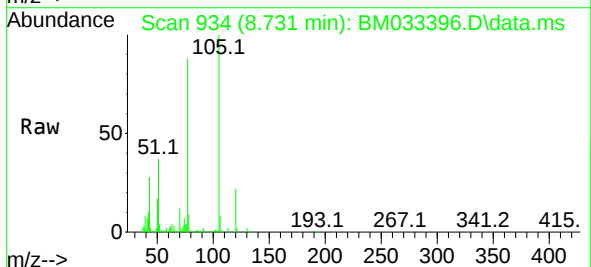
Manual Integrations
APPROVED

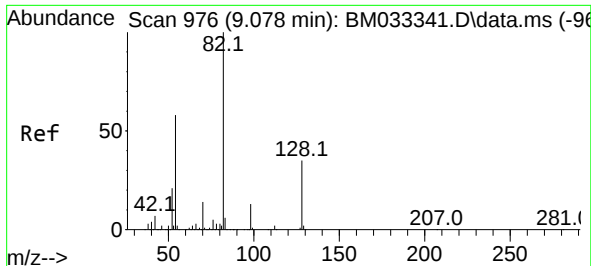
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#22
Acetophenone
Concen: 49.745 ng
RT: 8.731 min Scan# 934
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

Tgt Ion:105 Resp: 399754
Ion Ratio Lower Upper
105 100
71 2.2 1.6 2.4
51 36.7 27.7 41.5
120 21.7 16.2 24.2





#23

Nitrobenzene-d5

Concen: 93.595 ng

RT: 9.072 min Scan# 992

Delta R.T. -0.006 min

Lab File: BM033396.D

Acq: 10 Dec 2021 16:13

Instrument :

BNA_M

ClientSampleId :

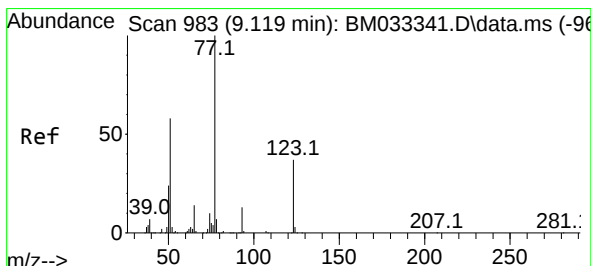
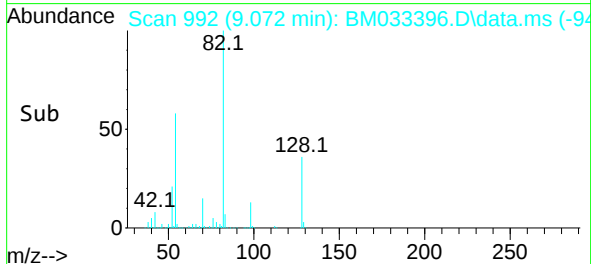
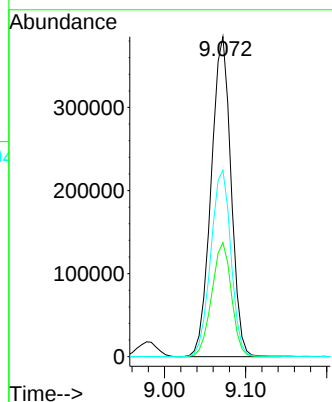
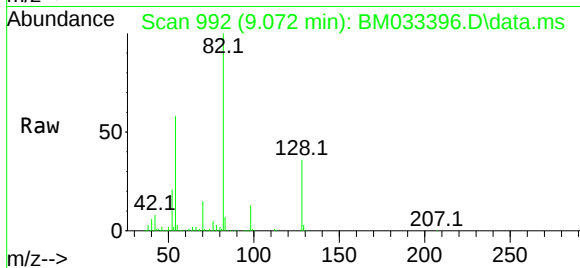
FDR-MW-4-20211202MSD

Tgt Ion: 82 Resp: 65472

Ion	Ratio	Lower	Upper
82	100		
128	35.6	28.1	42.1
54	58.3	46.1	69.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#24

Nitrobenzene

Concen: 51.936 ng

RT: 9.113 min Scan# 999

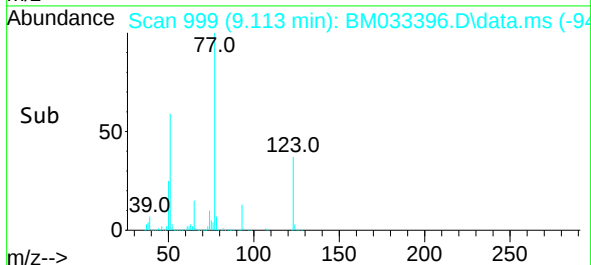
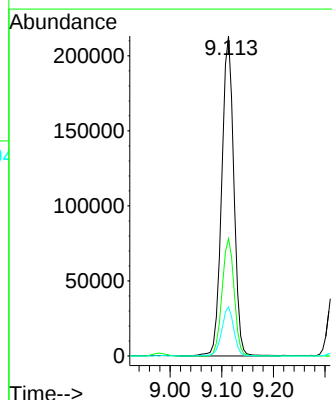
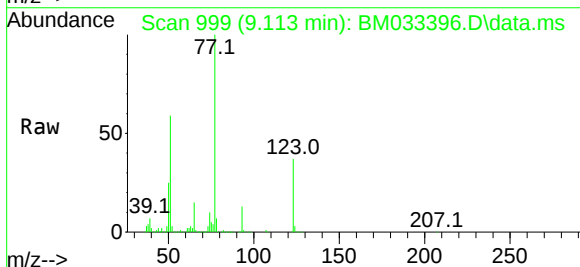
Delta R.T. -0.006 min

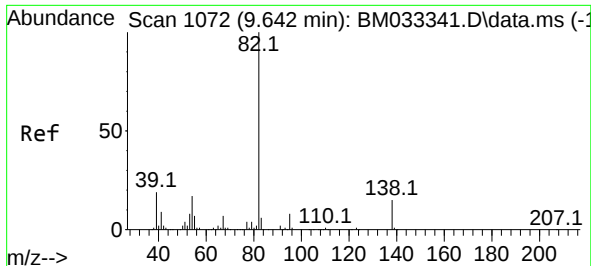
Lab File: BM033396.D

Acq: 10 Dec 2021 16:13

Tgt Ion: 77 Resp: 347713

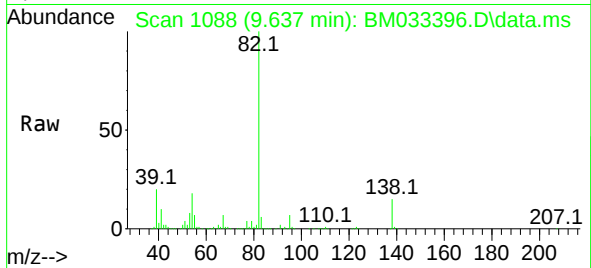
Ion	Ratio	Lower	Upper
77	100		
123	36.7	29.8	44.8
65	15.3	11.5	17.3





#25
Isophorone
Concen: 55.671 ng
RT: 9.637 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

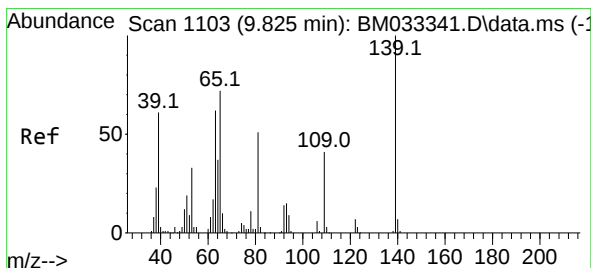
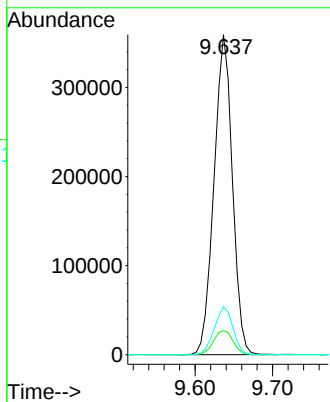
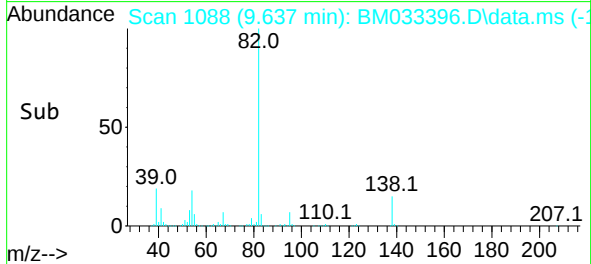
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion: 82 Resp: 591428
Ion Ratio Lower Upper
82 100
95 7.5 6.4 9.6
138 15.0 12.4 18.6

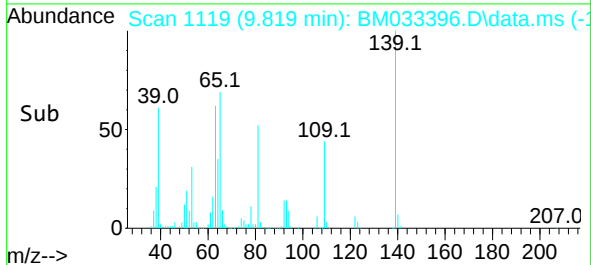
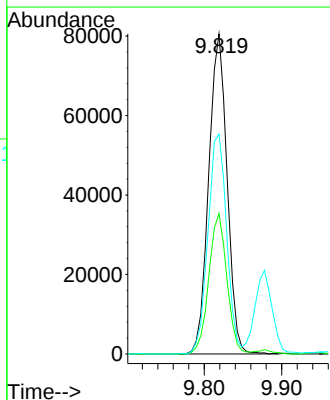
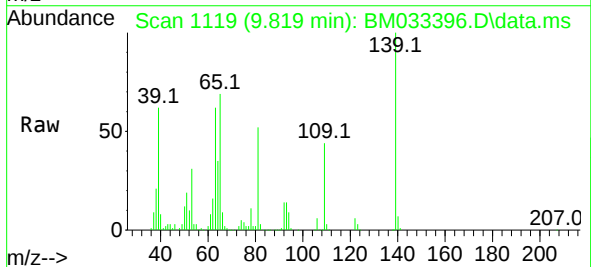
Manual Integrations
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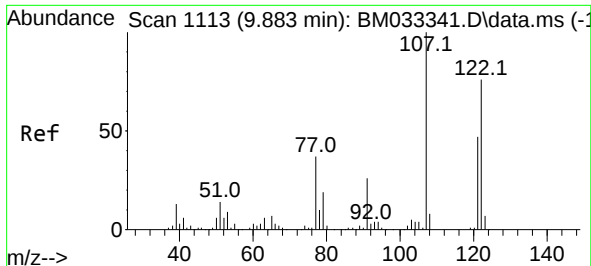
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#26
2-Nitrophenol
Concen: 53.888 ng
RT: 9.819 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

Tgt Ion:139 Resp: 132599
Ion Ratio Lower Upper
139 100
109 43.8 33.0 49.6
65 68.7 57.2 85.8





#27

2,4-Dimethylphenol

Concen: 55.581 ng

RT: 9.878 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BM033396.D

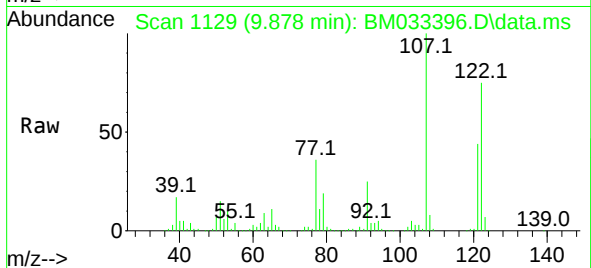
Acq: 10 Dec 2021 16:13

Instrument :

BNA_M

ClientSampleId :

FDR-MW-4-20211202MSD



Tgt Ion:122 Resp: 217829

Ion Ratio Lower Upper

122 100

107 132.6 105.3 157.9

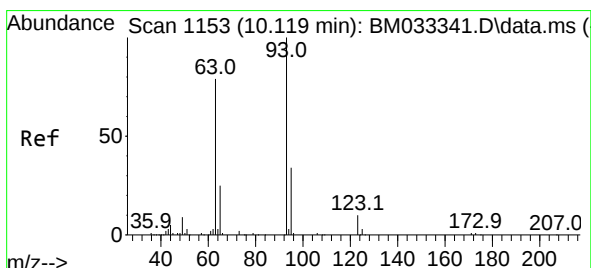
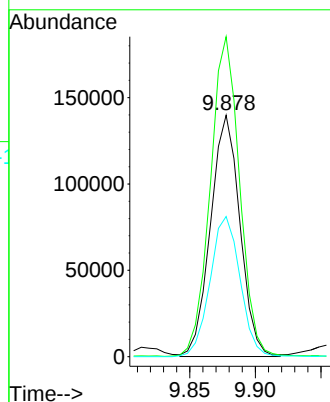
121 58.1 49.7 74.5

Manual Integrations

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Reviewed By :Christian Giraldo 12/11/2021

Supervised By :Jagrut Upadhyay 12/13/2021



#28

bis(2-Chloroethoxy)methane

Concen: 50.430 ng

RT: 10.113 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BM033396.D

Acq: 10 Dec 2021 16:13

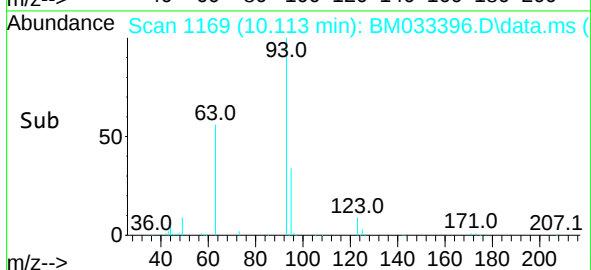
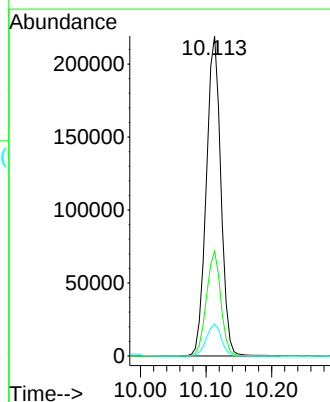
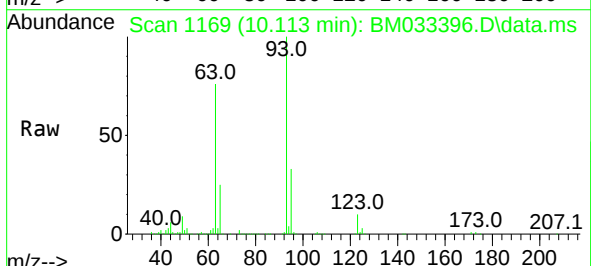
Tgt Ion: 93 Resp: 338370

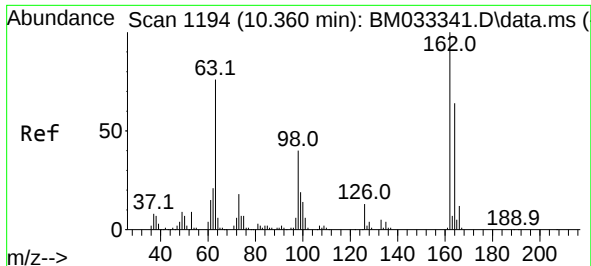
Ion Ratio Lower Upper

93 100

95 32.8 26.8 40.2

123 10.0 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 51.261 ng

RT: 10.354 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BM033396.D

Acq: 10 Dec 2021 16:13

Instrument :

BNA_M

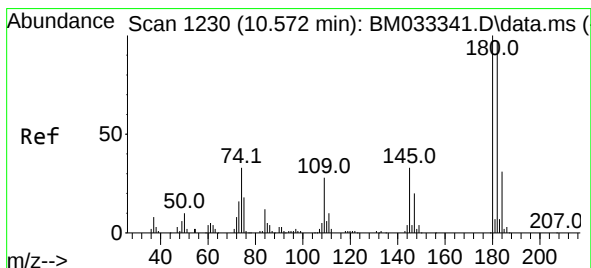
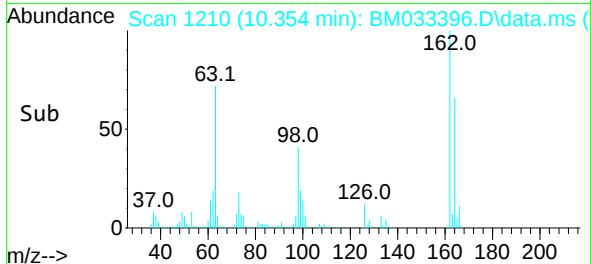
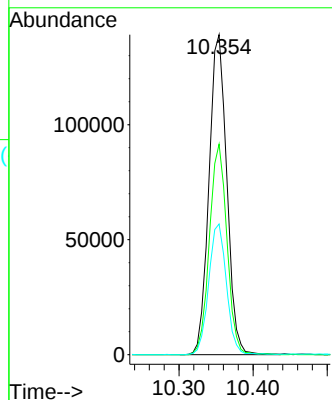
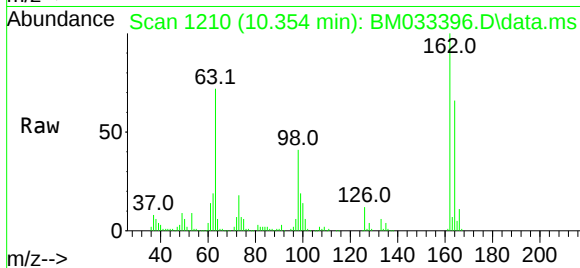
ClientSampleId :

FDR-MW-4-20211202MSD

Tgt Ion:	162	Resp:	232400
Ion Ratio	Lower	Upper	
162	100		
164	65.8	44.4	84.4
98	40.8	19.6	59.6

Manual Integrations
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Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#30

1,2,4-Trichlorobenzene

Concen: 47.641 ng

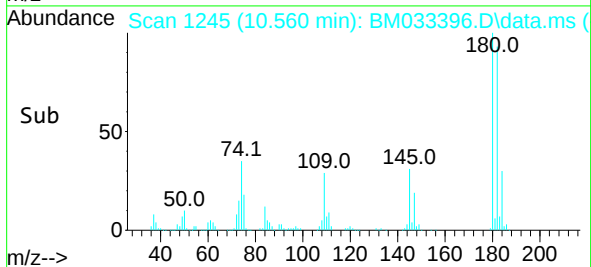
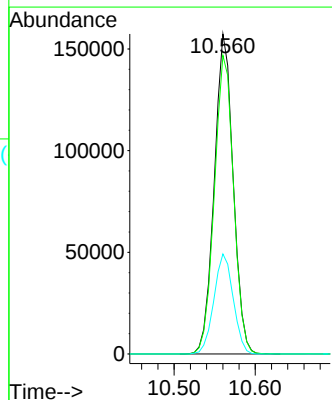
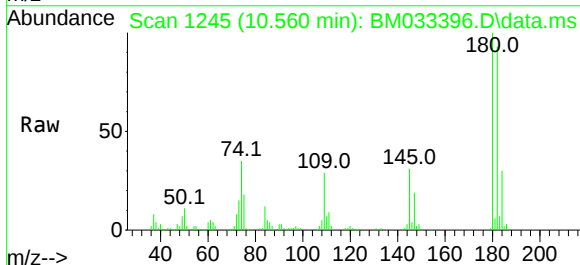
RT: 10.560 min Scan# 1245

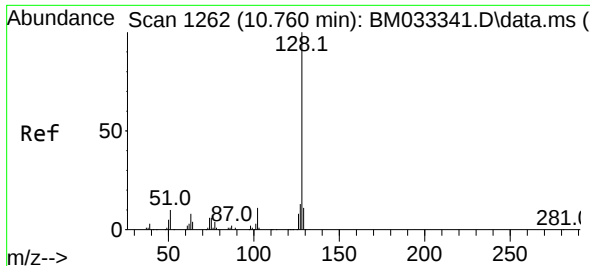
Delta R.T. -0.012 min

Lab File: BM033396.D

Acq: 10 Dec 2021 16:13

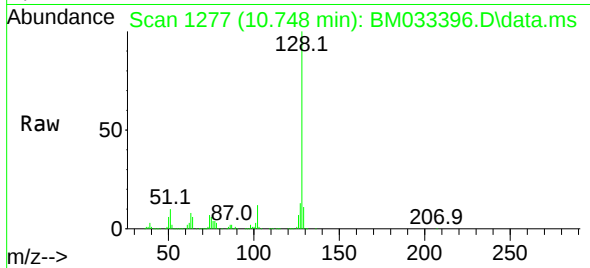
Tgt Ion:	180	Resp:	254491
Ion Ratio	Lower	Upper	
180	100		
182	93.3	77.8	116.8
145	31.3	26.0	39.0





#31
Naphthalene
Concen: 49.684 ng
RT: 10.748 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

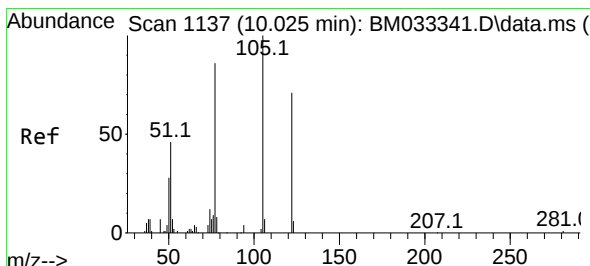
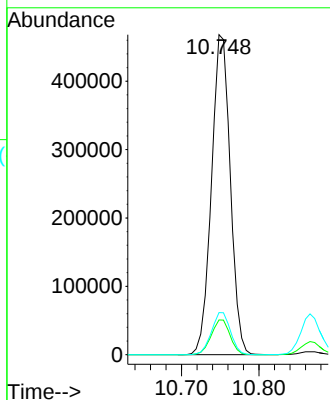
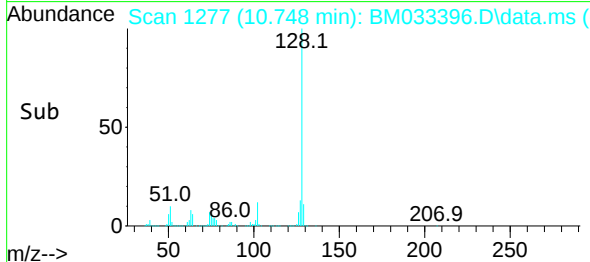
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:128 Resp: 78868
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.2 10.8 16.2

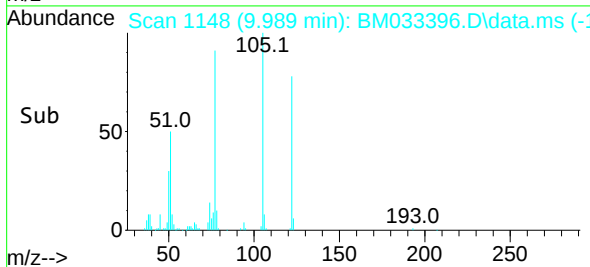
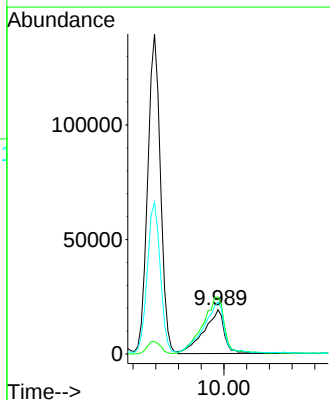
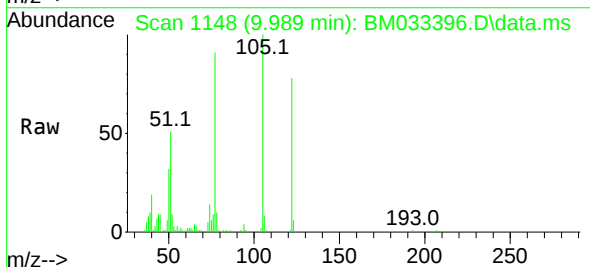
Manual Integrations
APPROVED

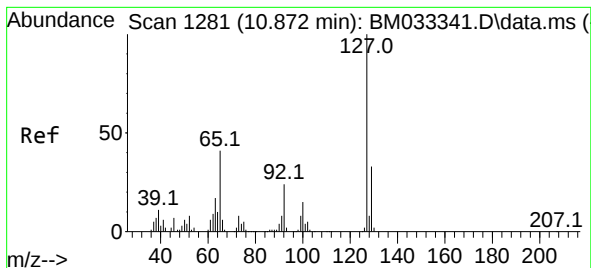
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#32
Benzoic acid
Concen: 17.101 ng
RT: 9.989 min Scan# 1148
Delta R.T. -0.035 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

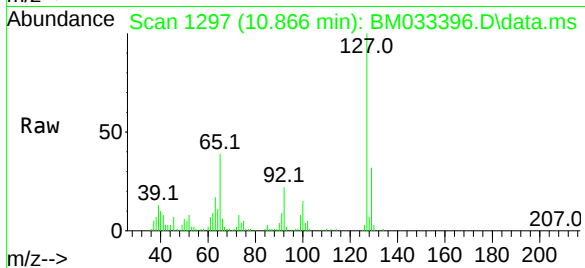
Tgt Ion:122 Resp: 48536
Ion Ratio Lower Upper
122 100
105 128.8 119.6 159.6
77 117.7 101.0 141.0





#33
4-Chloroaniline
Concen: 17.910 ng
RT: 10.866 min Scan# 11023
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

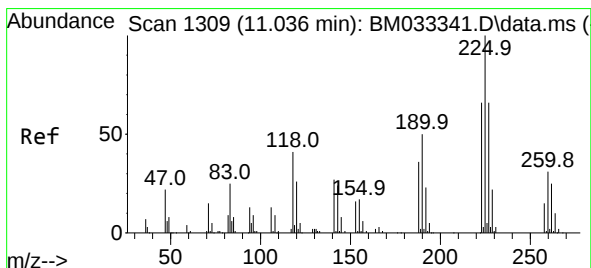
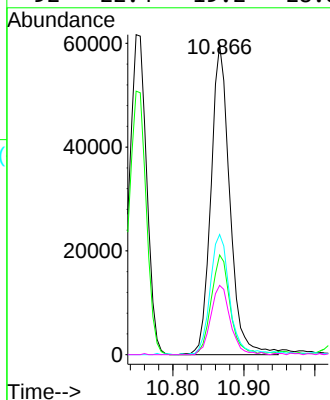
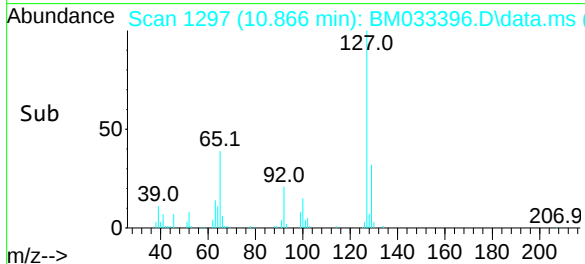
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



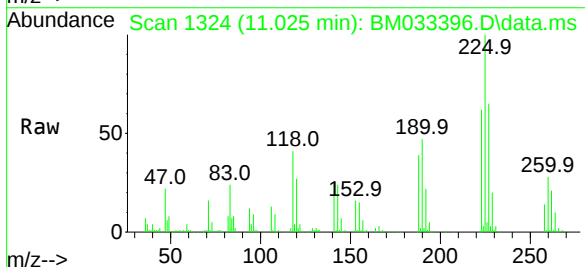
Tgt Ion:127 Resp: 110230
Ion Ratio Lower Upper
127 100
129 32.2 26.2 39.4
65 38.8 33.0 49.6
92 22.4 19.2 28.8

Manual Integrations
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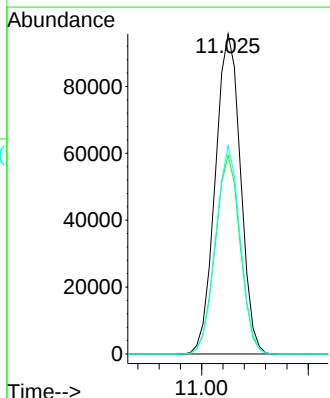
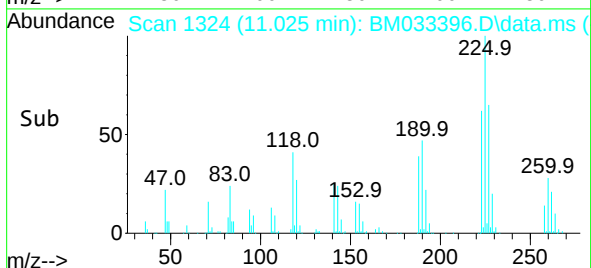
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

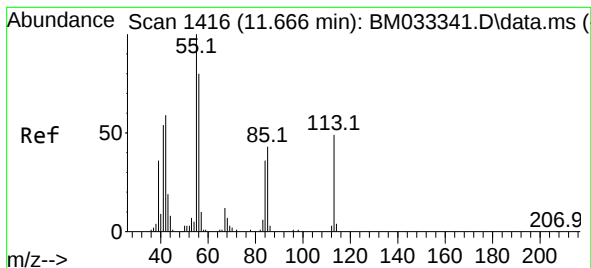


#34
Hexachlorobutadiene
Concen: 46.642 ng
RT: 11.025 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13



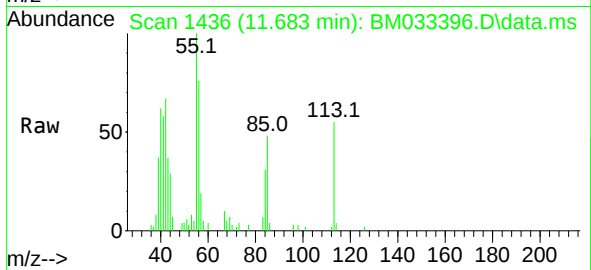
Tgt Ion:225 Resp: 157371
Ion Ratio Lower Upper
225 100
223 62.1 52.5 78.7
227 65.1 52.7 79.1





#35
Caprolactam
Concen: 13.818 ng m
RT: 11.683 min Scan# 1416
Delta R.T. 0.018 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

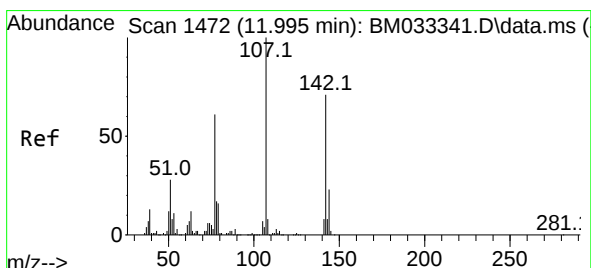
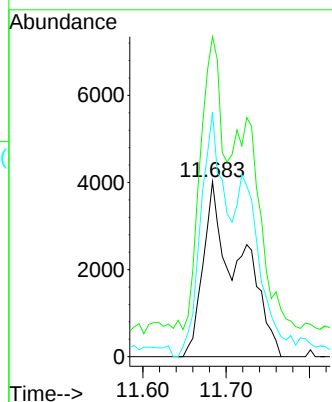
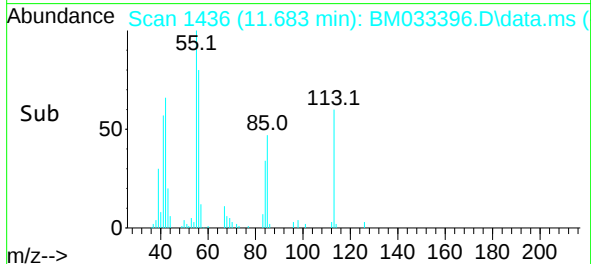
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:113 Resp: 12208
Ion Ratio Lower Upper
113 100
55 182.8 183.6 223.6
56 139.7 143.7 183.7

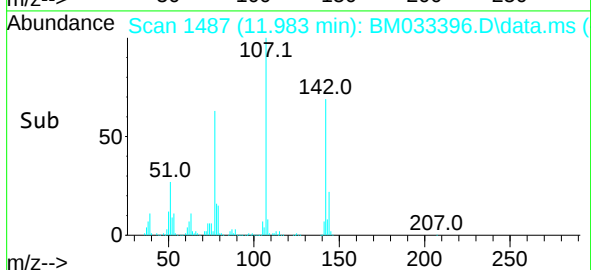
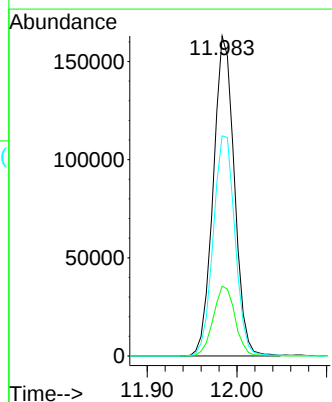
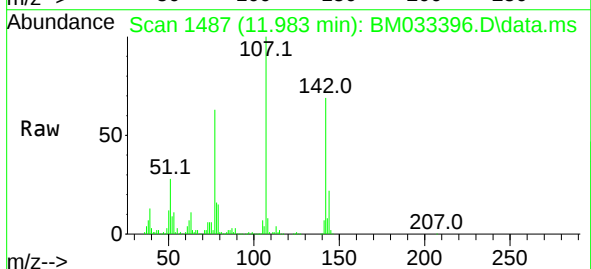
Manual Integrations
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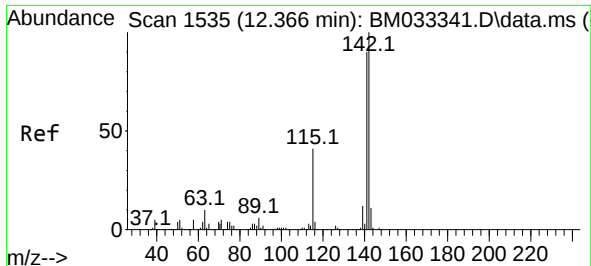
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#36
4-Chloro-3-methylphenol
Concen: 48.836 ng
RT: 11.983 min Scan# 1487
Delta R.T. -0.012 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

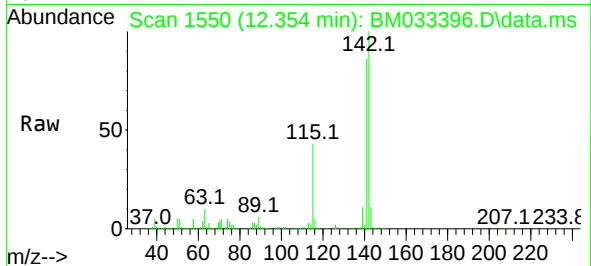
Tgt Ion:107 Resp: 265952
Ion Ratio Lower Upper
107 100
144 21.8 18.6 27.8
142 68.8 56.9 85.3





#37
2-Methylnaphthalene
Concen: 54.959 ng
RT: 12.354 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

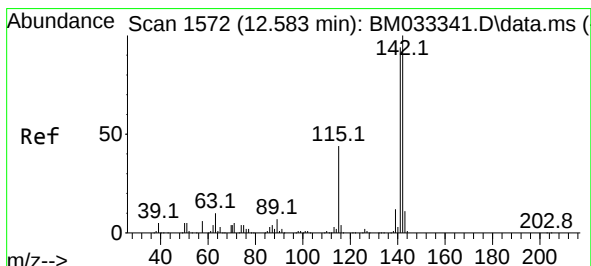
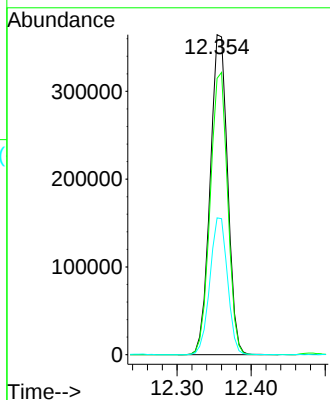
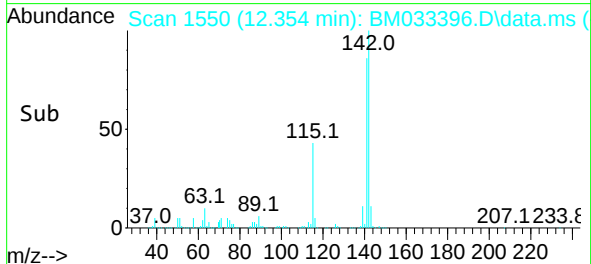
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:142 Resp: 59637
Ion Ratio Lower Upper
142 100
141 86.4 72.2 108.2
115 42.8 33.0 49.6

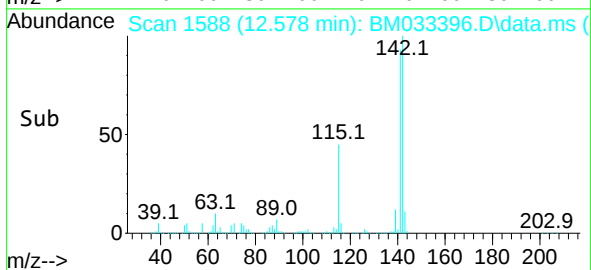
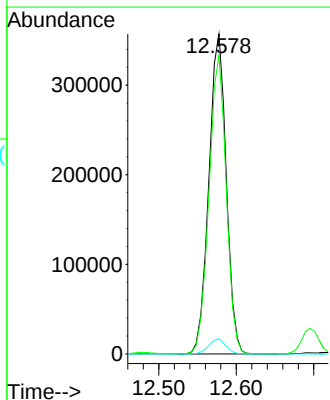
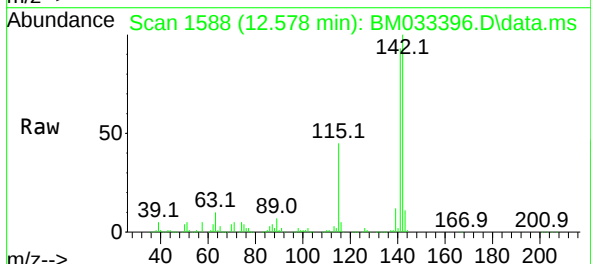
Manual Integrations
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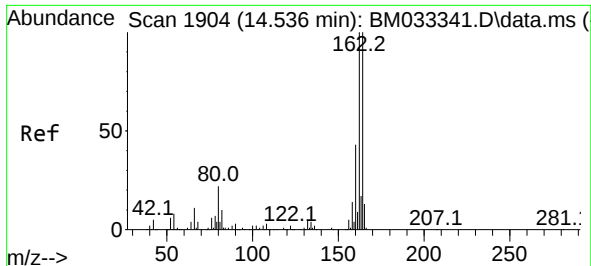
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#38
1-Methylnaphthalene
Concen: 52.016 ng
RT: 12.578 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

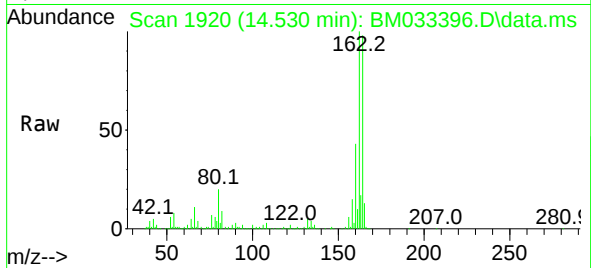
Tgt Ion:142 Resp: 556590
Ion Ratio Lower Upper
142 100
141 93.3 75.0 112.4
116 4.7 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.530 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

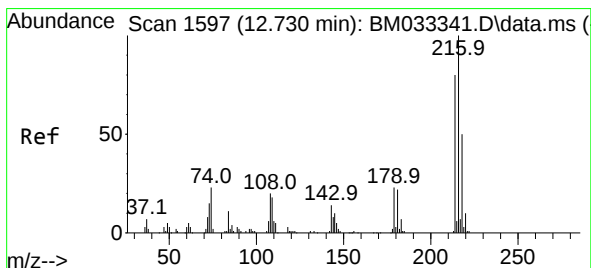
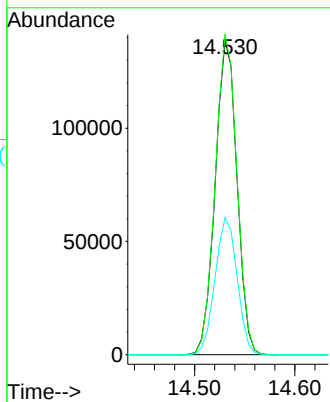
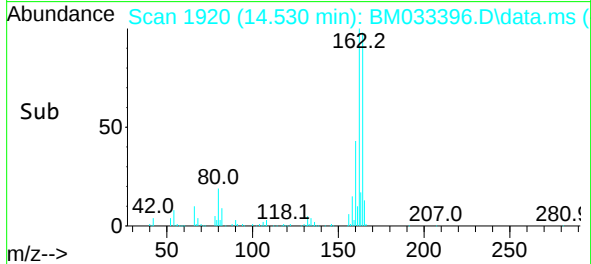
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:164 Resp: 209300
Ion Ratio Lower Upper
164 100
162 101.9 79.7 119.5
160 43.7 34.2 51.4

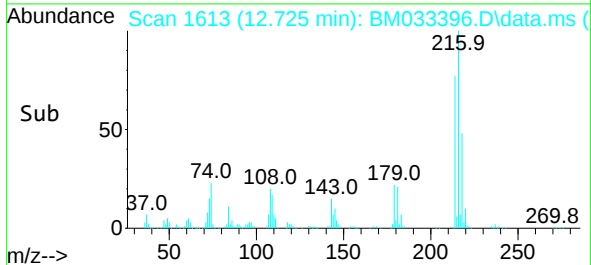
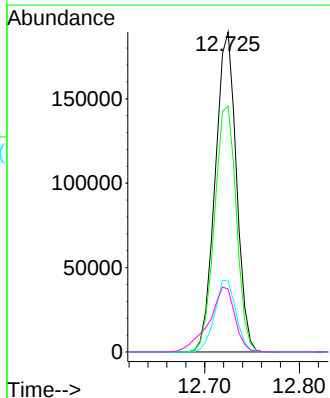
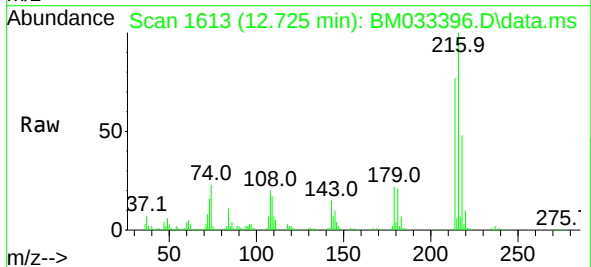
Manual Integrations
APPROVED

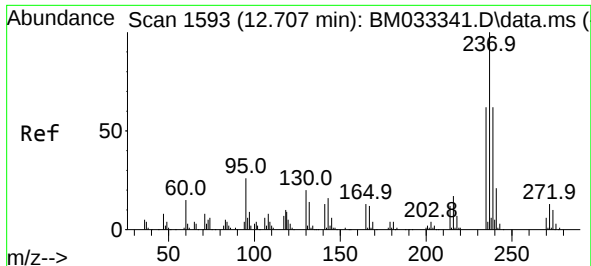
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.577 ng
RT: 12.725 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

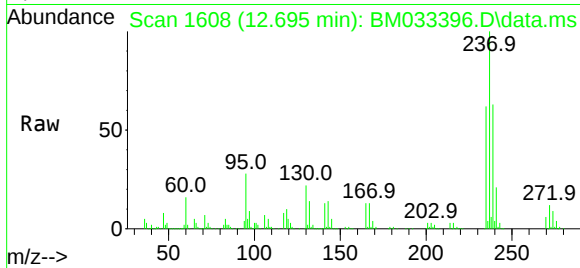
Tgt Ion:216 Resp: 294229
Ion Ratio Lower Upper
216 100
214 79.1 62.6 93.8
179 22.6 18.2 27.2
108 24.9 18.0 27.0





#41
Hexachlorocyclopentadiene
Concen: 97.803 ng
RT: 12.695 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

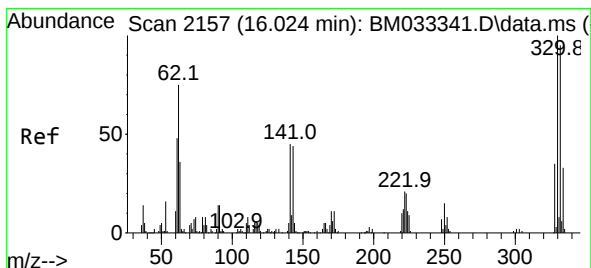
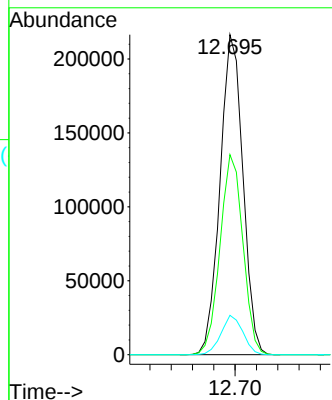
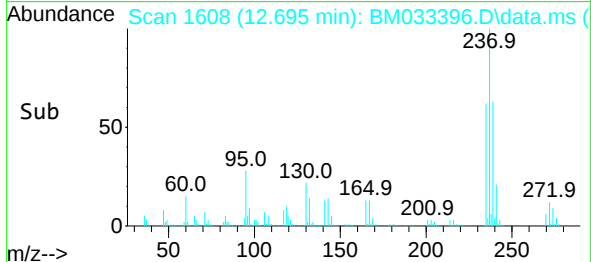
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



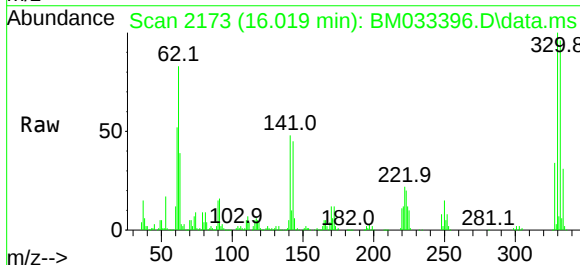
Tgt Ion:237 Resp: 32225
Ion Ratio Lower Upper
237 100
235 62.5 41.7 81.7
272 12.3 0.0 32.5

Manual Integrations
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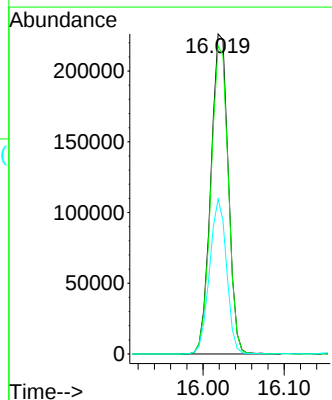
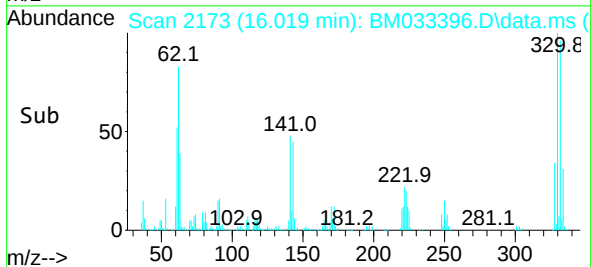
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

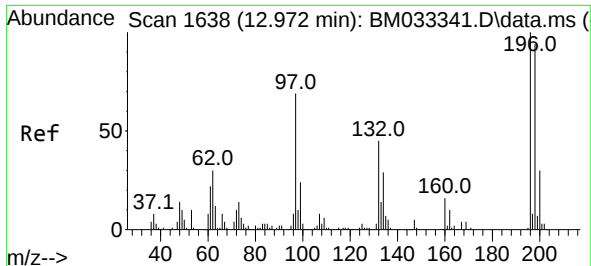


#42
2,4,6-Tribromophenol
Concen: 150.226 ng
RT: 16.019 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13



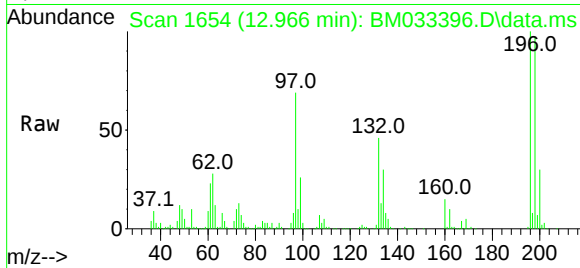
Tgt Ion:330 Resp: 336346
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 47.2 35.9 53.9





#43
2,4,6-Trichlorophenol
Concen: 51.156 ng
RT: 12.966 min Scan# 1654
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

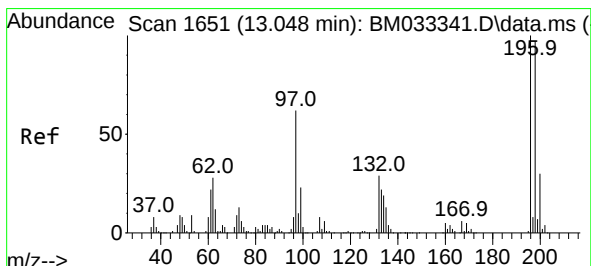
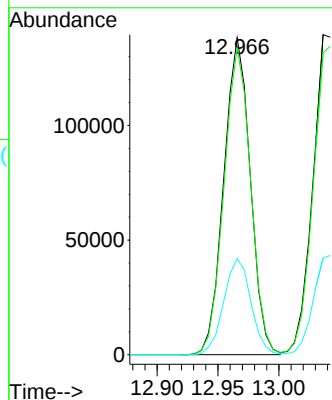
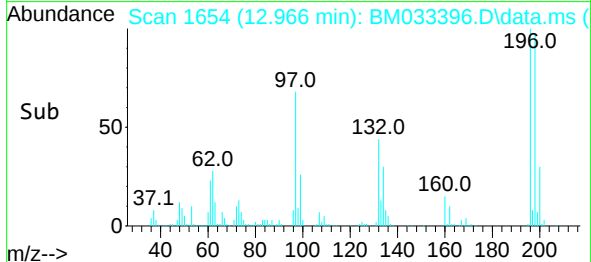
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



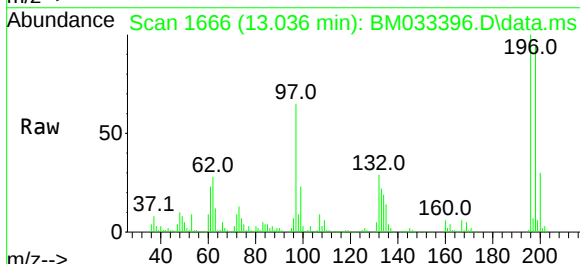
Tgt Ion:196 Resp: 20944
Ion Ratio Lower Upper
196 100
198 96.9 75.1 112.7
200 30.3 24.0 36.0

Manual Integrations
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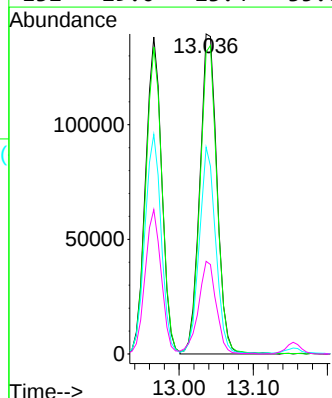
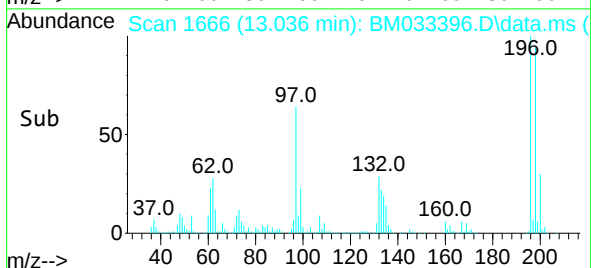
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

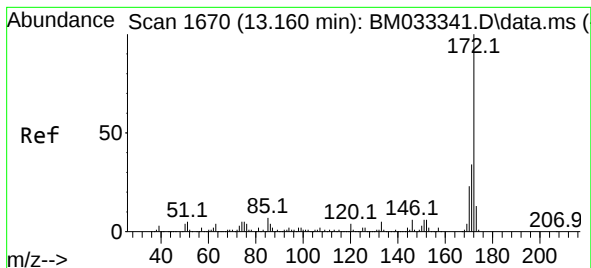


#44
2,4,5-Trichlorophenol
Concen: 51.402 ng
RT: 13.036 min Scan# 1666
Delta R.T. -0.012 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13



Tgt Ion:196 Resp: 225605
Ion Ratio Lower Upper
196 100
198 94.4 77.8 116.6
97 64.6 49.7 74.5
132 29.0 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 87.747 ng

RT: 13.154 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM033396.D

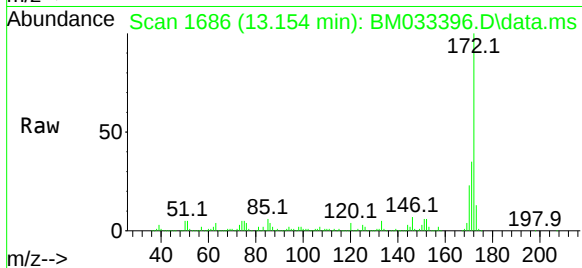
Acq: 10 Dec 2021 16:13

Instrument :

BNA_M

ClientSampleId :

FDR-MW-4-20211202MSD



Tgt Ion:172 Resp: 1327710

Ion Ratio Lower Upper

172 100

171 35.0 27.2 40.8

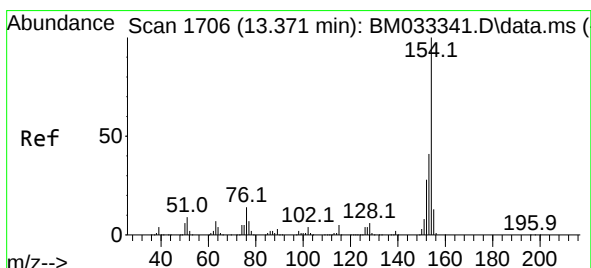
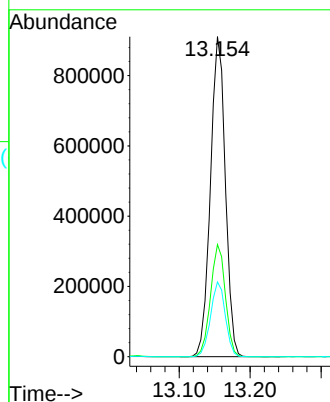
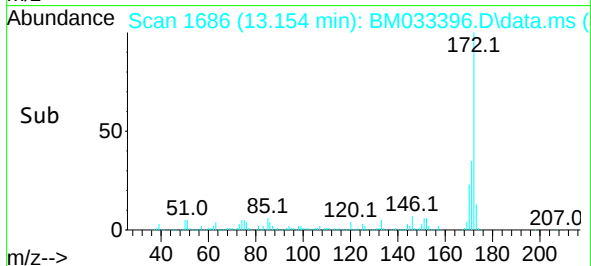
170 23.4 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/11/2021

Supervised By :Jagrut Upadhyay 12/13/2021



#46

1,1'-Biphenyl

Concen: 48.531 ng

RT: 13.366 min Scan# 1722

Delta R.T. -0.006 min

Lab File: BM033396.D

Acq: 10 Dec 2021 16:13

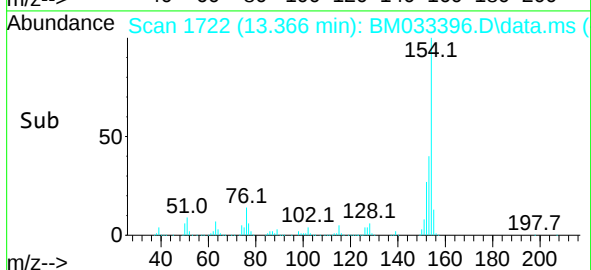
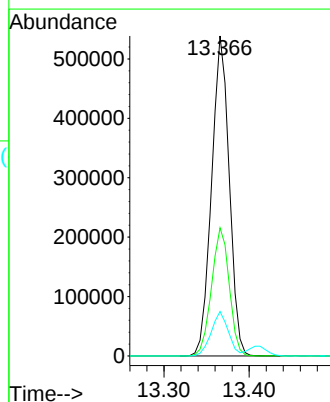
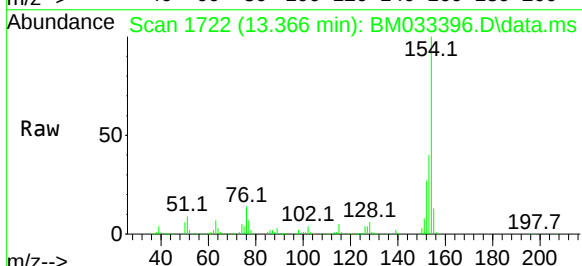
Tgt Ion:154 Resp: 773651

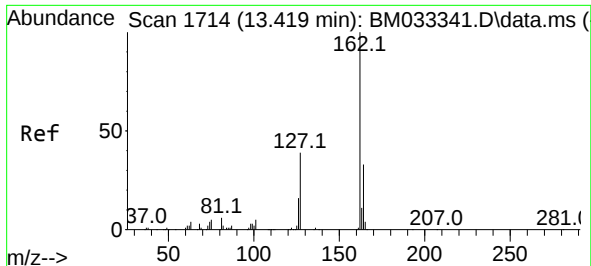
Ion Ratio Lower Upper

154 100

153 40.1 20.7 60.7

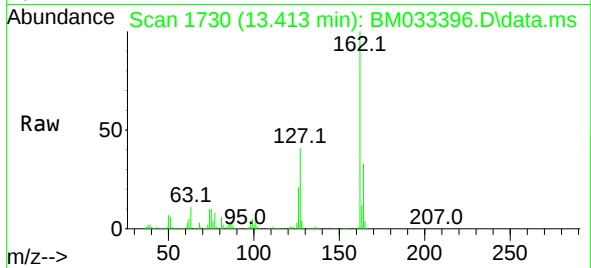
76 13.9 0.0 34.4





#47
2-Chloronaphthalene
Concen: 48.977 ng
RT: 13.413 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

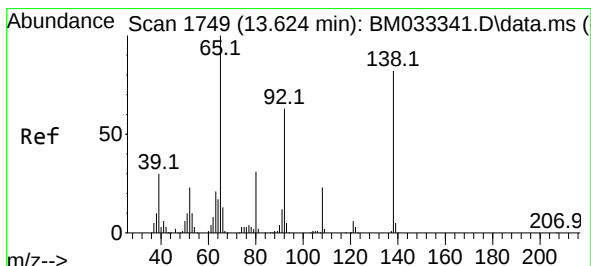
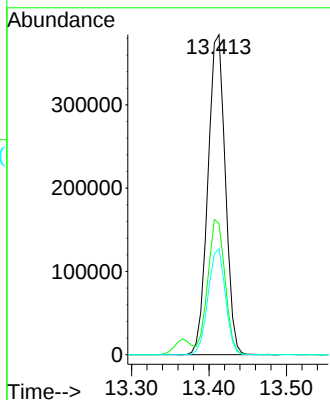
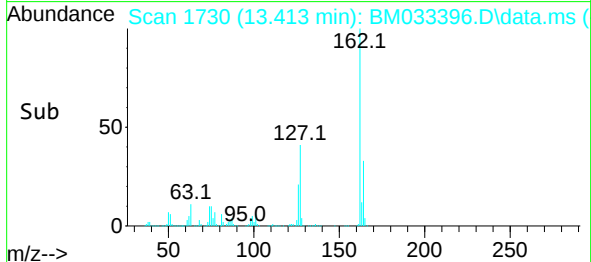
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:162 Resp: 59889
Ion Ratio Lower Upper
162 100
127 41.0 33.8 50.6
164 33.1 26.2 39.4

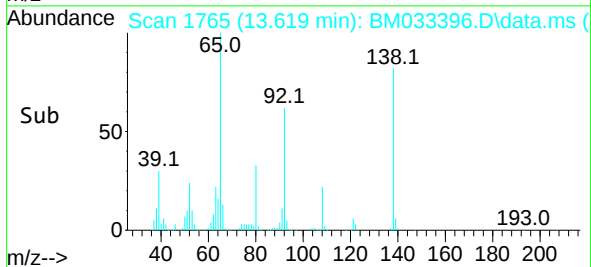
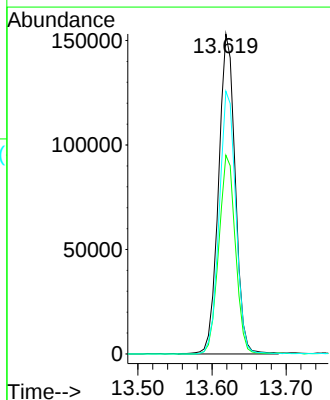
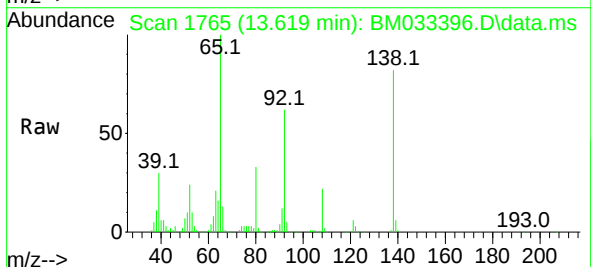
Manual Integrations
APPROVED

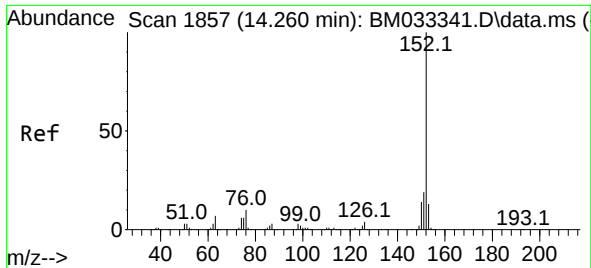
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#48
2-Nitroaniline
Concen: 55.277 ng
RT: 13.619 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

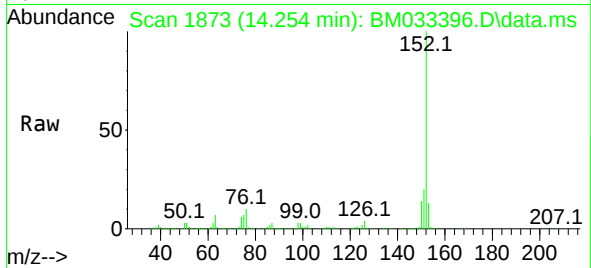
Tgt Ion: 65 Resp: 239640
Ion Ratio Lower Upper
65 100
92 62.1 50.0 75.0
138 82.1 65.7 98.5





#49
Acenaphthylene
Concen: 51.279 ng
RT: 14.254 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

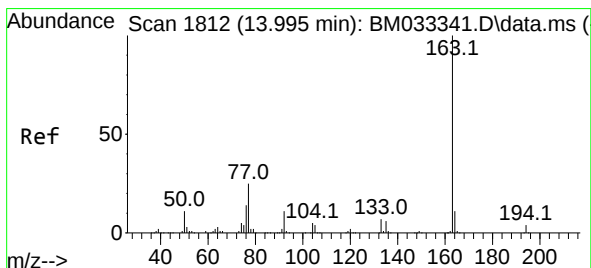
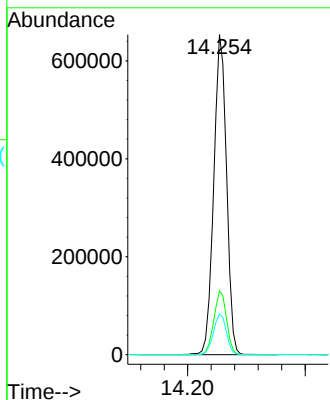
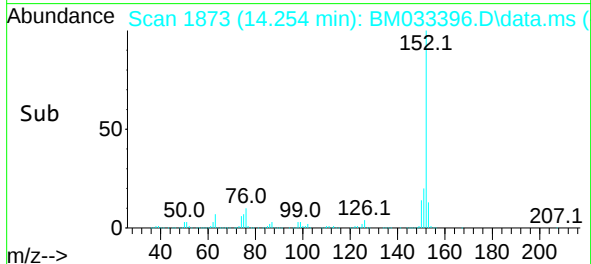
Instrument :
BNA_M
ClientSampleId :
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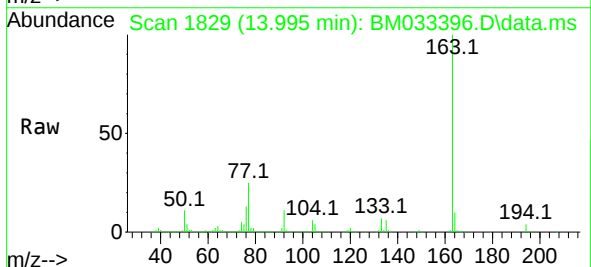
Tgt Ion:152 Resp: 98636
Ion Ratio Lower Upper
152 100
151 20.0 15.4 23.2
153 12.7 10.4 15.6

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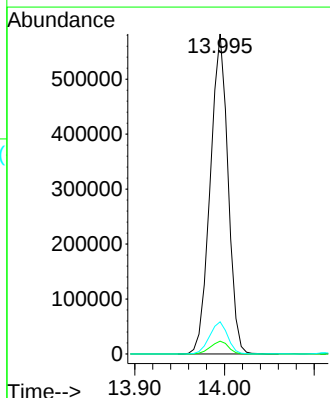
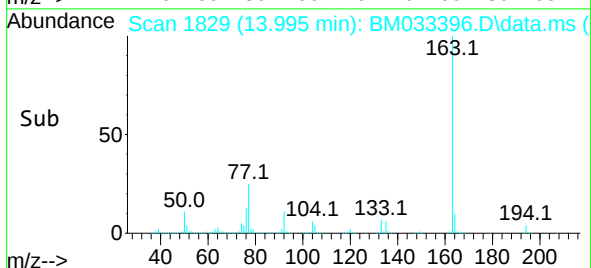
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

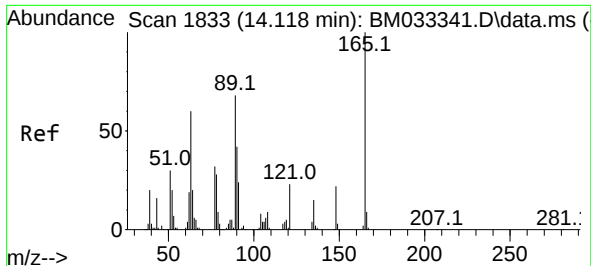


#50
Dimethylphthalate
Concen: 52.575 ng
RT: 13.995 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13



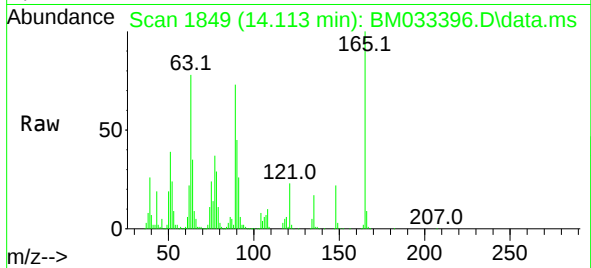
Tgt Ion:163 Resp: 799446
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 55.734 ng
RT: 14.113 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

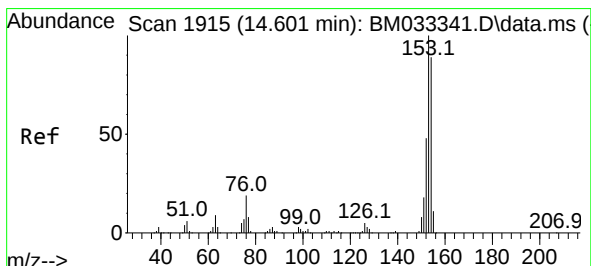
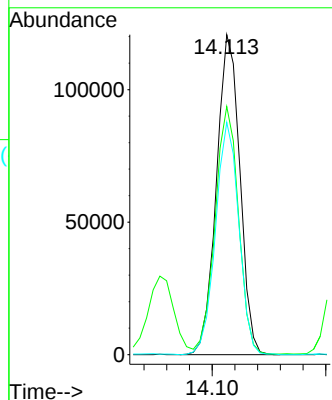
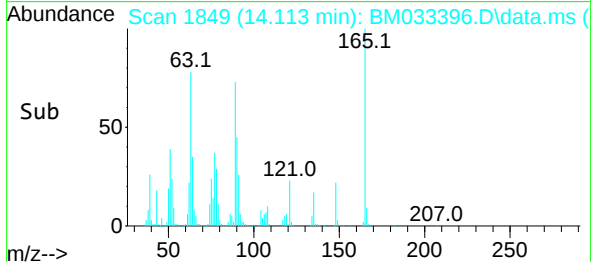
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:165 Resp: 172909
Ion Ratio Lower Upper
165 100
63 77.5 56.9 85.3
89 72.6 54.3 81.5

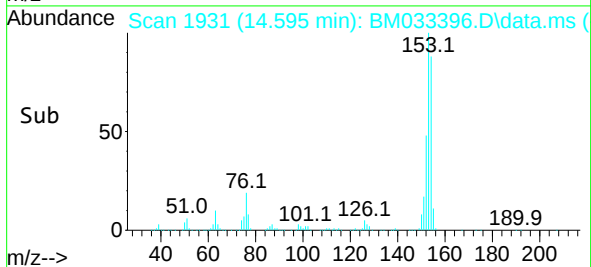
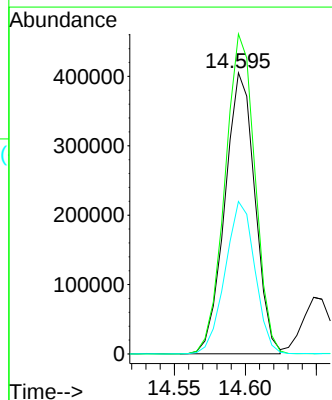
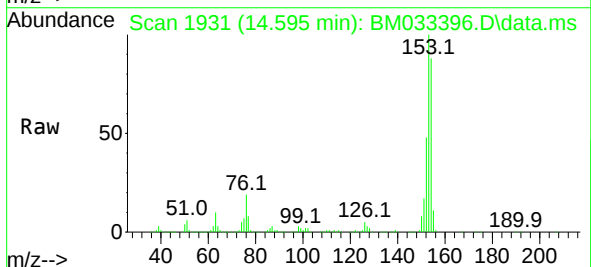
Manual Integrations
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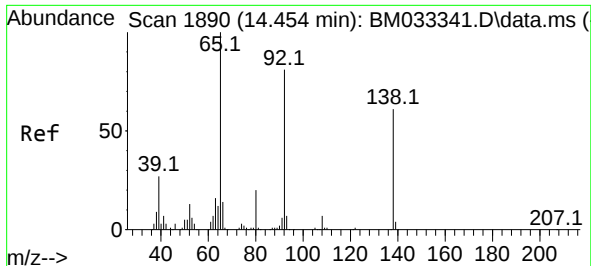
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#52
Acenaphthene
Concen: 50.993 ng
RT: 14.595 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

Tgt Ion:154 Resp: 594707
Ion Ratio Lower Upper
154 100
153 113.8 90.2 135.4
152 54.3 43.5 65.3





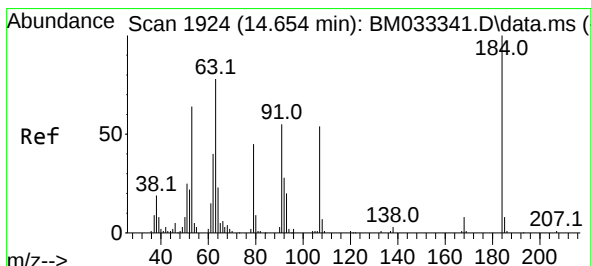
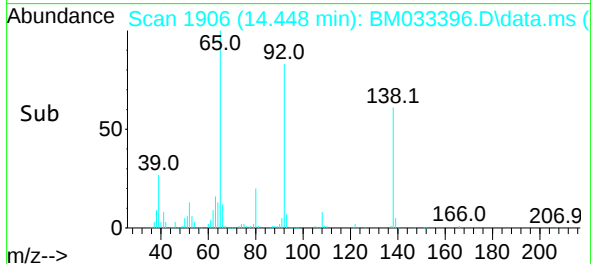
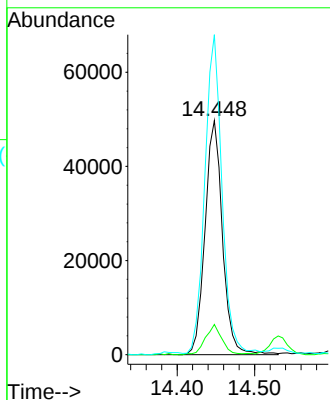
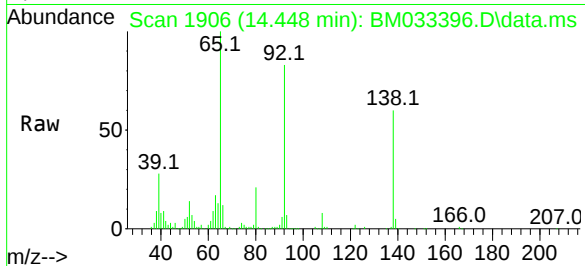
#53
3-Nitroaniline
Concen: 24.102 ng
RT: 14.448 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD

Tgt Ion:138 Resp: 77907
Ion Ratio Lower Upper
138 100
108 12.9 9.5 14.3
92 136.7 106.6 159.8

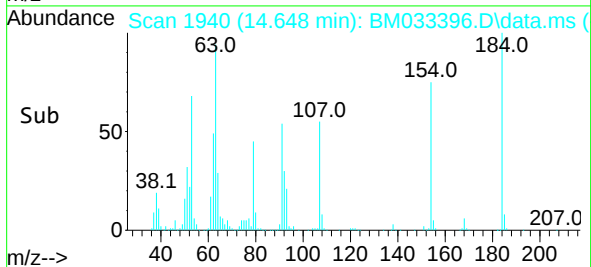
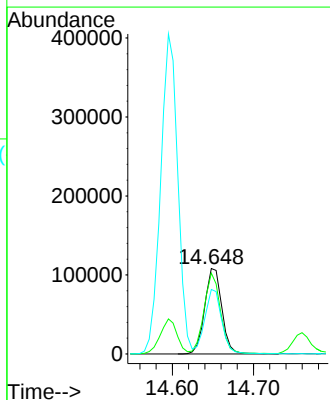
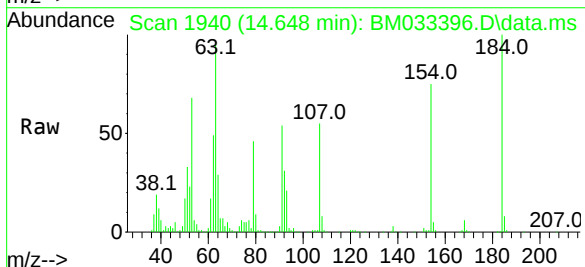
Manual Integrations
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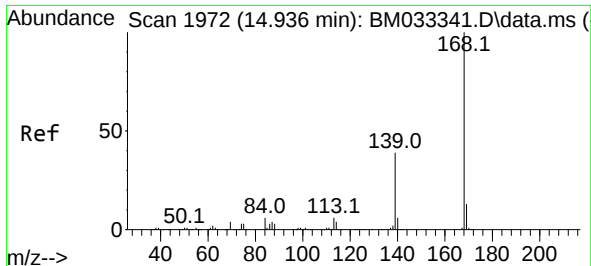
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#54
2,4-Dinitrophenol
Concen: 92.489 ng
RT: 14.648 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

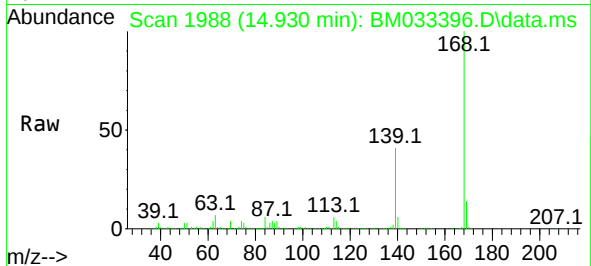
Tgt Ion:184 Resp: 158807
Ion Ratio Lower Upper
184 100
63 94.6 71.8 107.6
154 75.5 55.7 83.5





#55
Dibenzenofuran
Concen: 50.230 ng
RT: 14.930 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

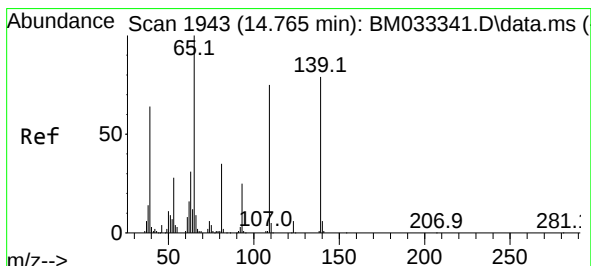
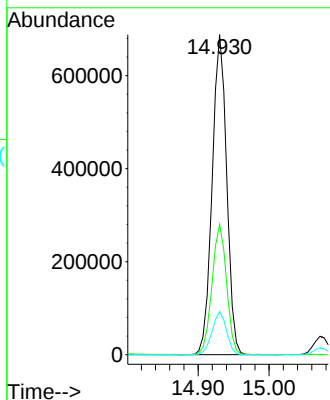
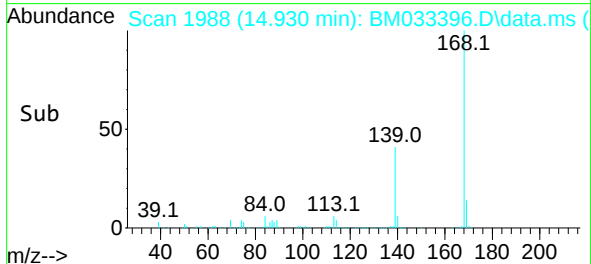
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



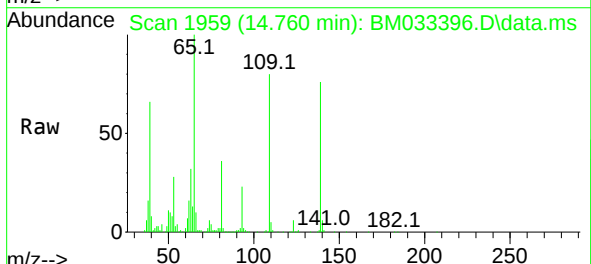
Tgt Ion:168 Resp: 973712
Ion Ratio Lower Upper
168 100
139 40.7 31.4 47.2
169 13.5 10.6 15.8

Manual Integrations
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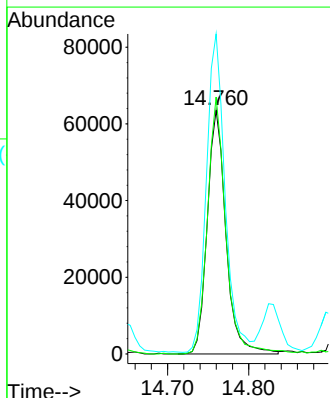
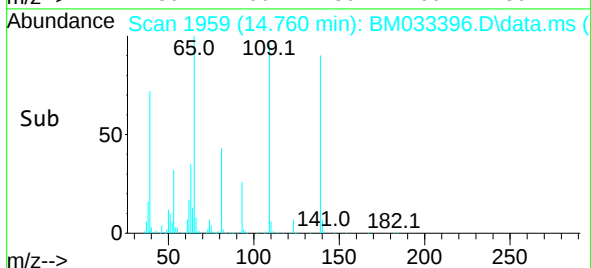
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

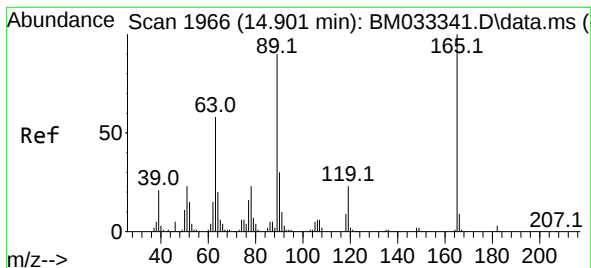


#56
4-Nitrophenol
Concen: 41.646 ng
RT: 14.760 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13



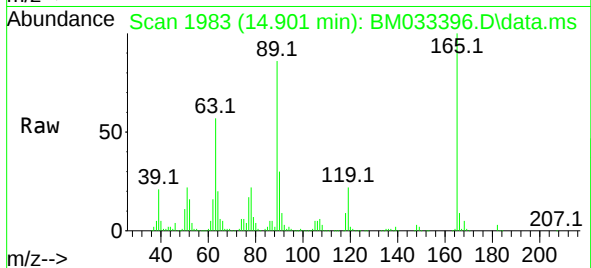
Tgt Ion:139 Resp: 101603
Ion Ratio Lower Upper
139 100
109 105.4 75.3 115.3
65 131.3 107.4 147.4





#57
2,4-Dinitrotoluene
Concen: 59.672 ng
RT: 14.901 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

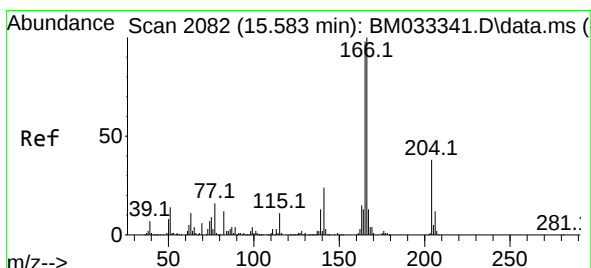
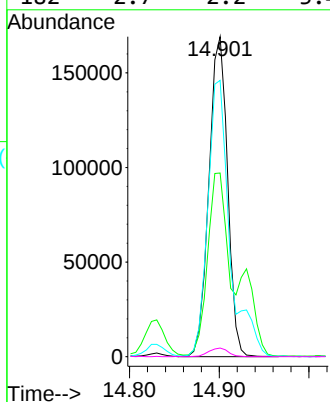
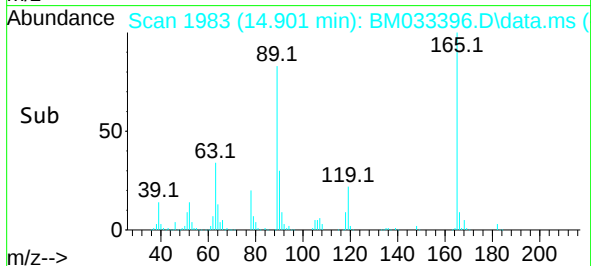
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



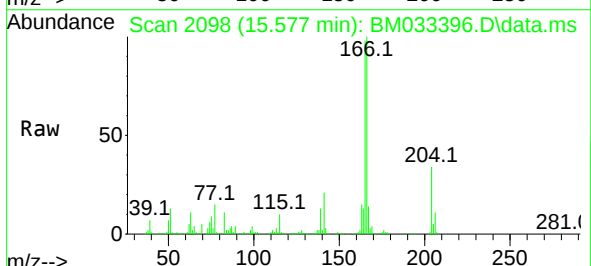
Tgt Ion:165 Resp: 244064
Ion Ratio Lower Upper
165 100
63 57.4 46.2 69.4
89 86.3 72.0 108.0
182 2.7 2.2 3.4

Manual Integrations
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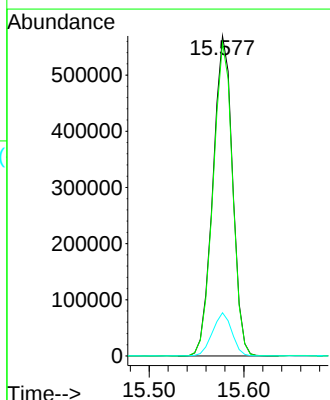
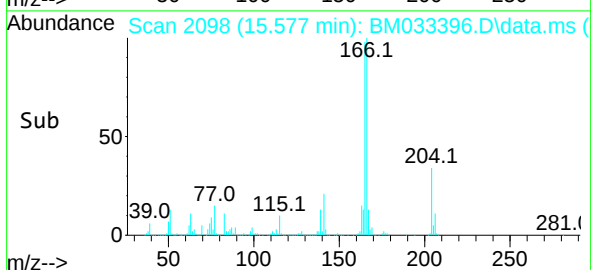
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

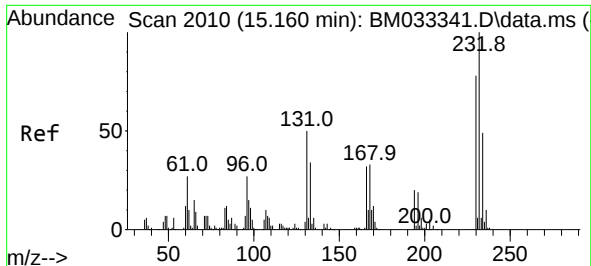


#58
Fluorene
Concen: 53.700 ng
RT: 15.577 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13



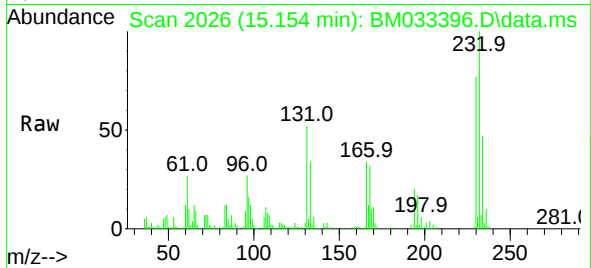
Tgt Ion:166 Resp: 819268
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.465 ng
RT: 15.154 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

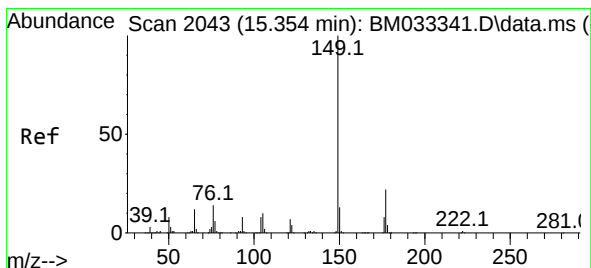
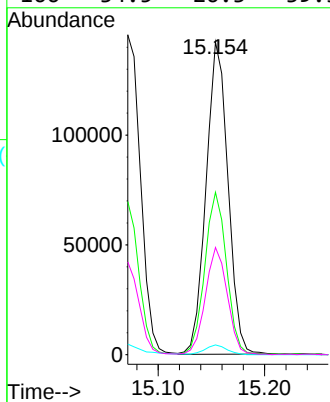
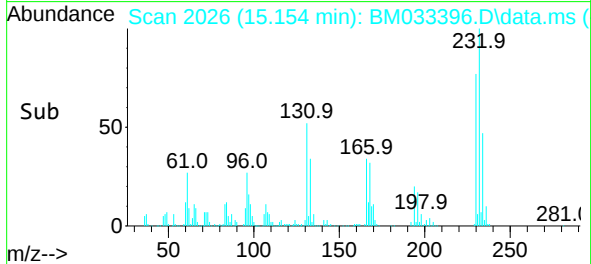
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:232 Resp: 203104
Ion Ratio Lower Upper
232 100
131 51.3 41.4 62.0
130 3.1 2.4 3.6
166 34.5 26.3 39.5

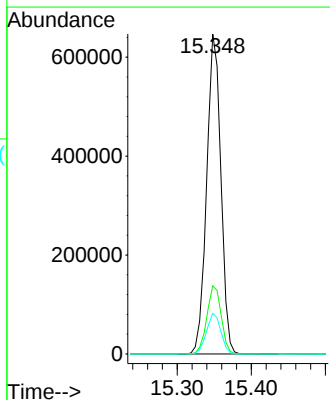
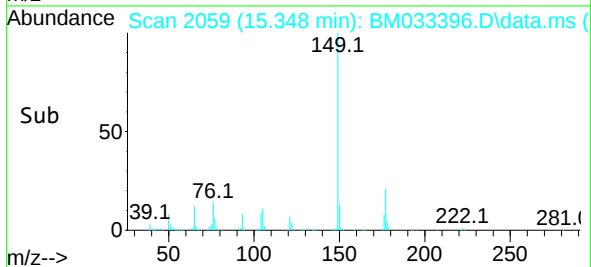
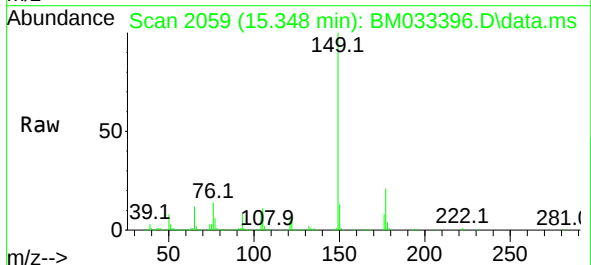
Manual Integrations
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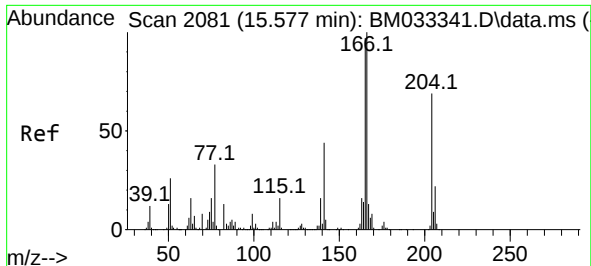
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#60
Diethylphthalate
Concen: 56.050 ng
RT: 15.348 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

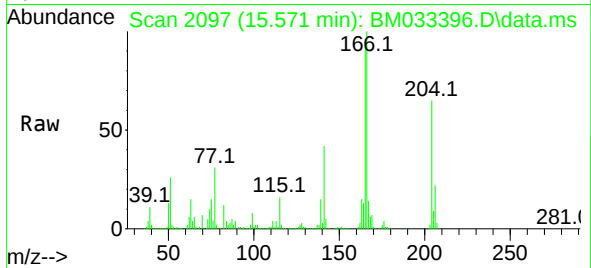
Tgt Ion:149 Resp: 859144
Ion Ratio Lower Upper
149 100
177 21.3 17.5 26.3
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 51.500 ng
RT: 15.571 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

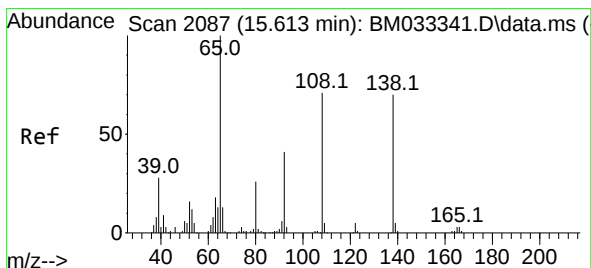
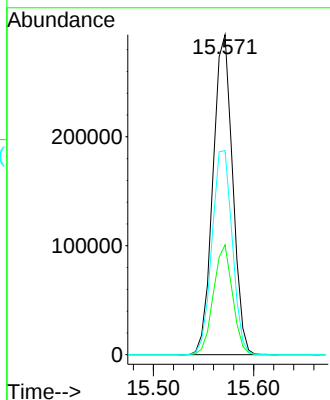
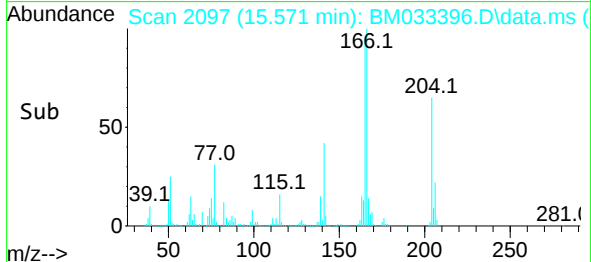
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:204 Resp: 40044
Ion Ratio Lower Upper
204 100
206 34.3 25.4 38.2
141 63.8 50.6 76.0

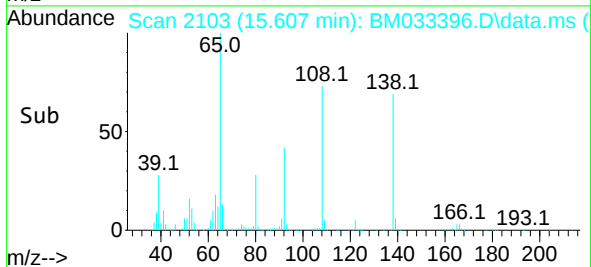
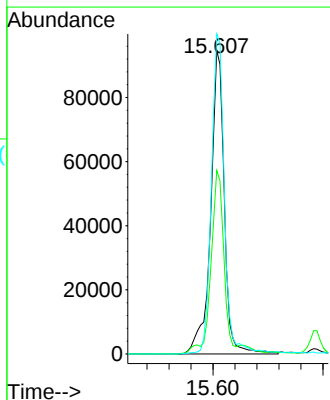
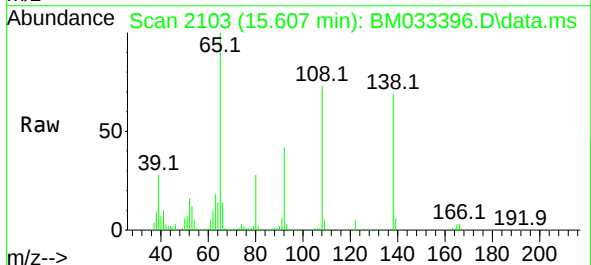
Manual Integrations
APPROVED

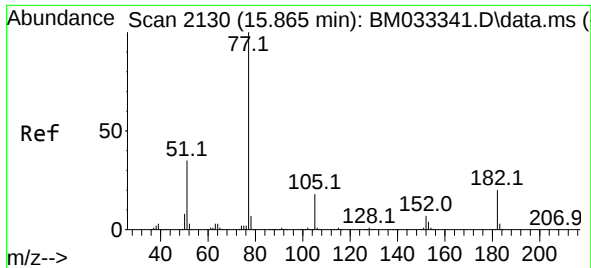
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#62
4-Nitroaniline
Concen: 48.297 ng
RT: 15.607 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

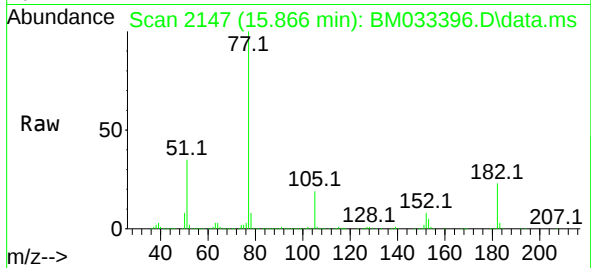
Tgt Ion:138 Resp: 163978
Ion Ratio Lower Upper
138 100
92 60.4 38.7 78.7
108 105.4 81.9 121.9





#63
Azobenzene
Concen: 53.149 ng
RT: 15.866 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

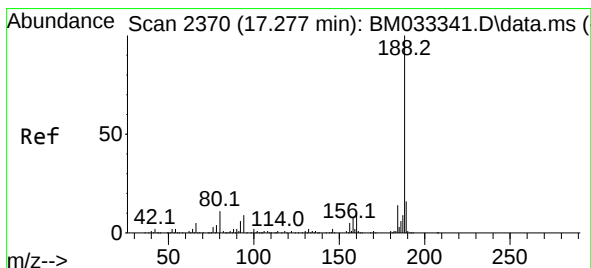
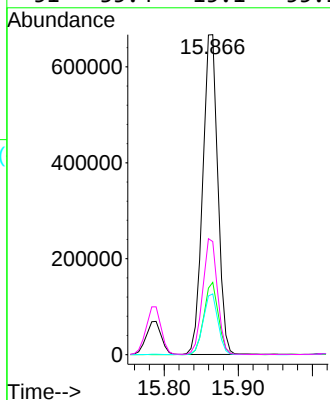
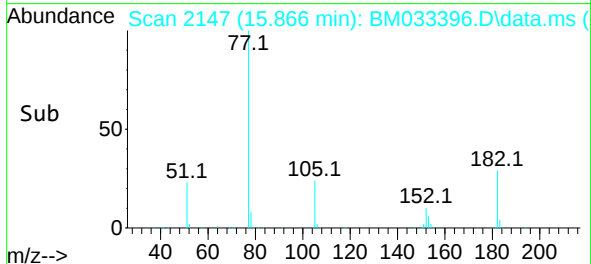
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



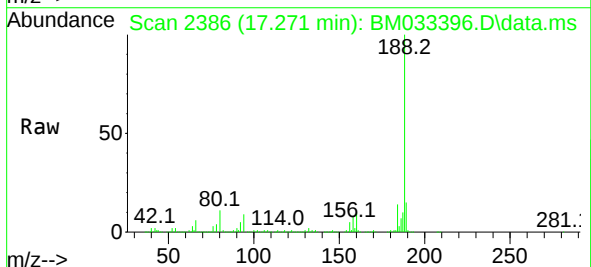
Tgt Ion: 77 Resp: 94108
Ion Ratio Lower Upper
77 100
182 22.6 0.3 40.3
105 19.0 0.0 38.3
51 35.4 15.1 55.1

Manual Integrations
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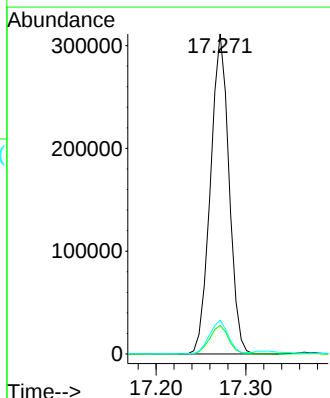
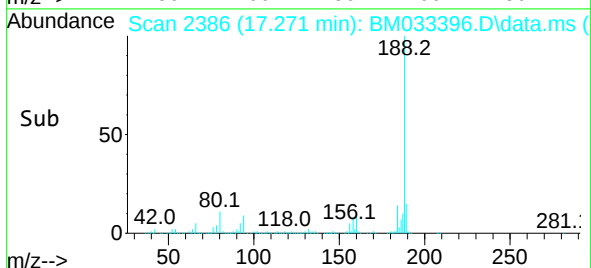
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

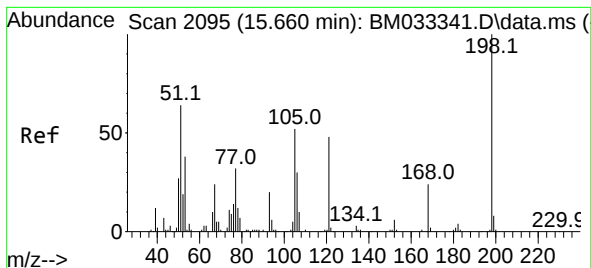


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.271 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13



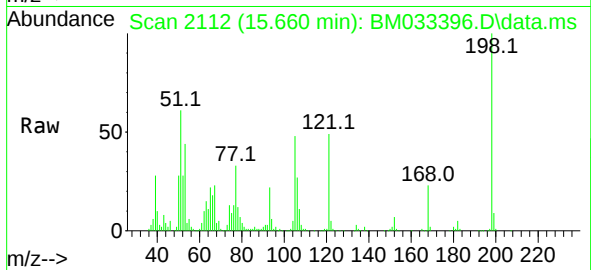
Tgt Ion:188 Resp: 446786
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 10.5 8.9 13.3





#65
4,6-Dinitro-2-methylphenol
Concen: 41.480 ng
RT: 15.660 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

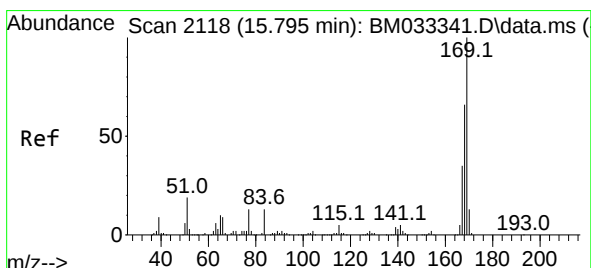
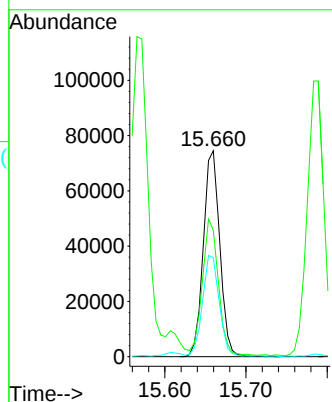
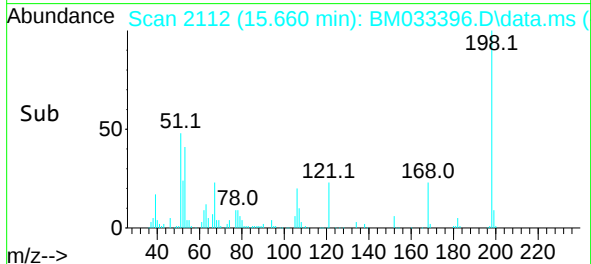
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



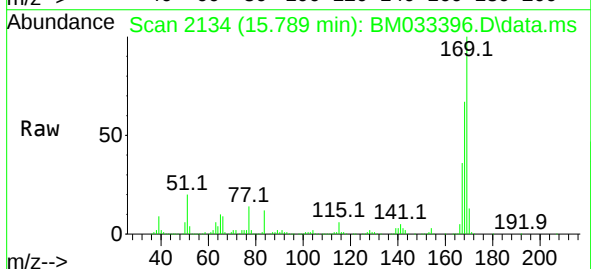
Tgt Ion:198 Resp: 104720
Ion Ratio Lower Upper
198 100
51 61.4 47.9 87.9
105 48.1 32.6 72.6

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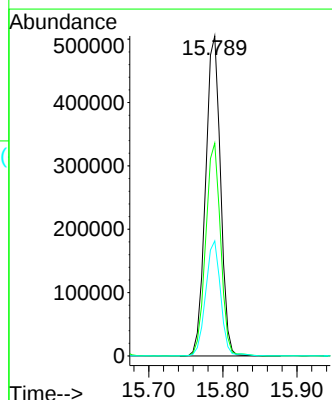
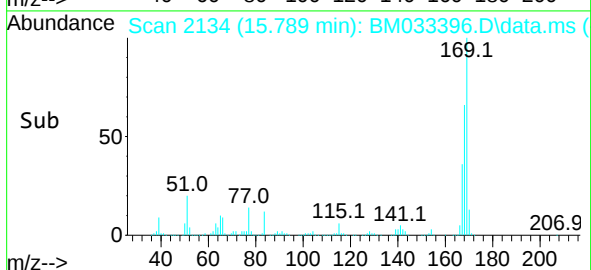
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

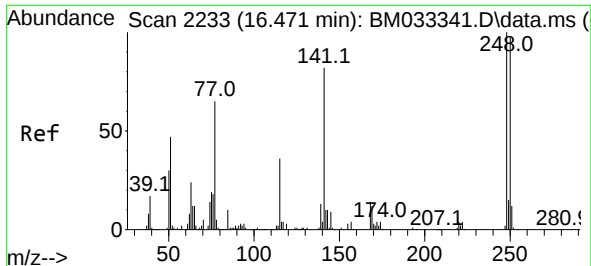


#66
n-Nitrosodiphenylamine
Concen: 52.124 ng
RT: 15.789 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13



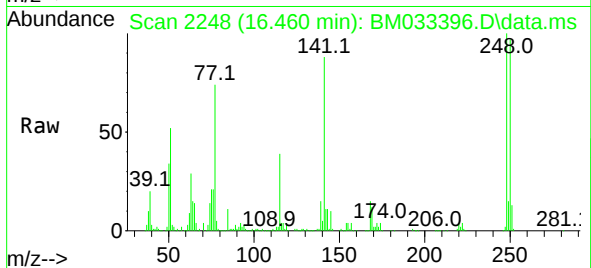
Tgt Ion:169 Resp: 705313
Ion Ratio Lower Upper
169 100
168 66.5 52.5 78.7
167 35.9 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 51.846 ng
RT: 16.460 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

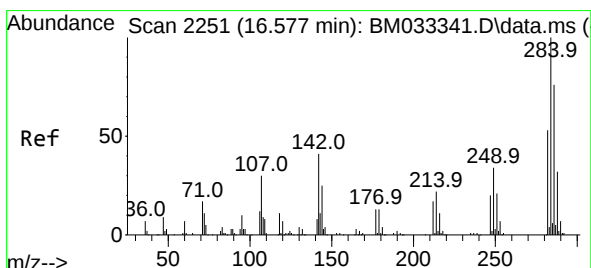
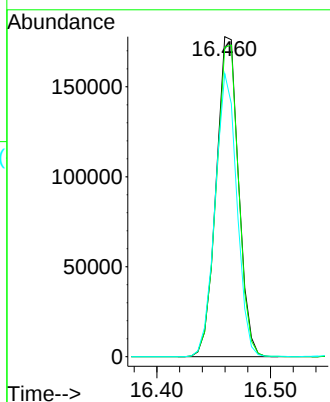
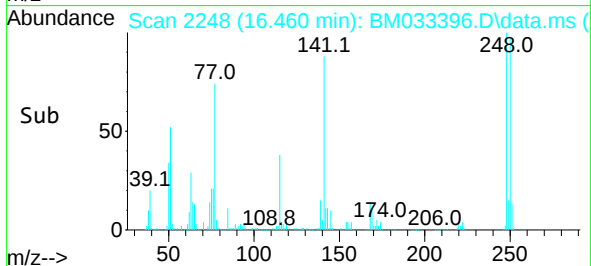
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



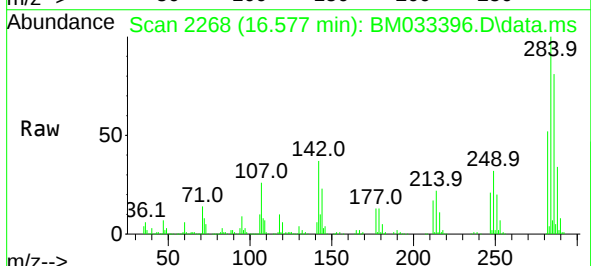
Tgt Ion:248 Resp: 243372
Ion Ratio Lower Upper
248 100
250 96.7 78.2 117.2
141 88.4 65.4 98.2

Manual Integrations
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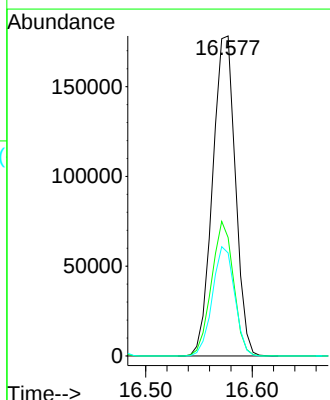
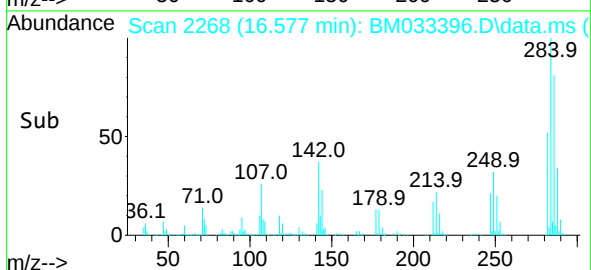
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

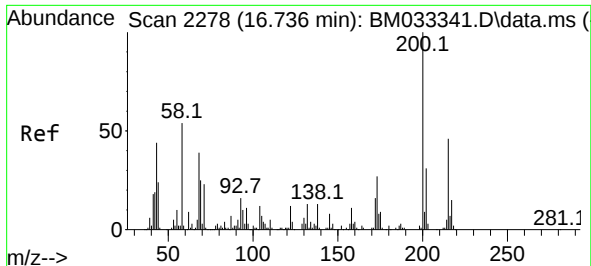


#68
Hexachlorobenzene
Concen: 51.948 ng
RT: 16.577 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13



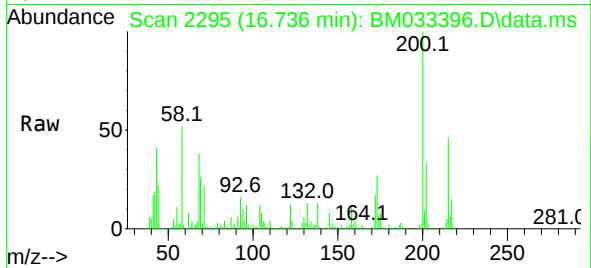
Tgt Ion:284 Resp: 264266
Ion Ratio Lower Upper
284 100
142 37.0 33.1 49.7
249 32.2 27.3 40.9





#69
 Atrazine
 Concen: 91.320 ng
 RT: 16.736 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM033396.D
 Acq: 10 Dec 2021 16:13

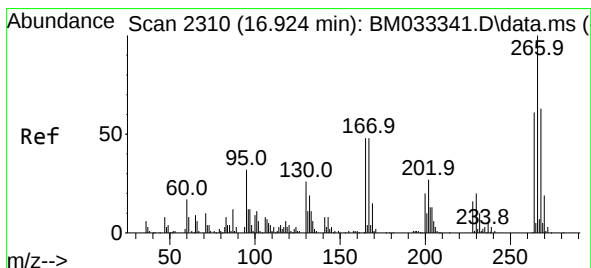
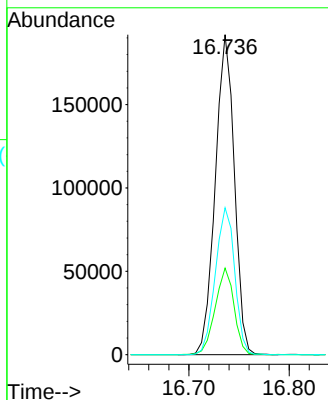
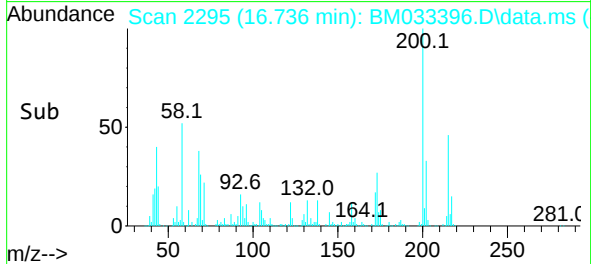
Instrument :
 BNA_M
 ClientSampleId :
 FDR-MW-4-20211202MSD



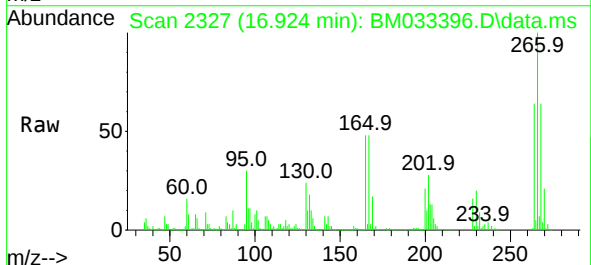
Tgt Ion:200 Resp: 25278
 Ion Ratio Lower Upper
 200 100
 173 27.0 7.3 47.3
 215 45.9 25.7 65.7

Manual Integrations
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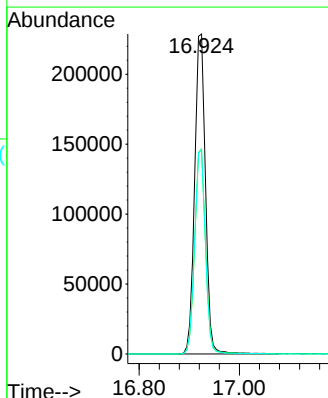
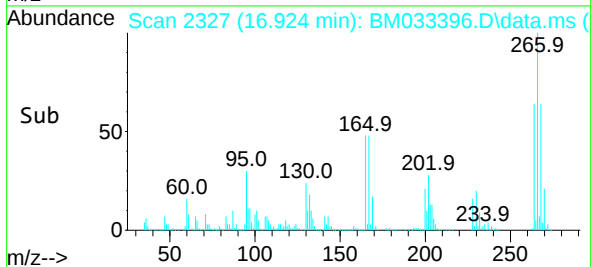
Reviewed By :Christian Giraldo 12/11/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

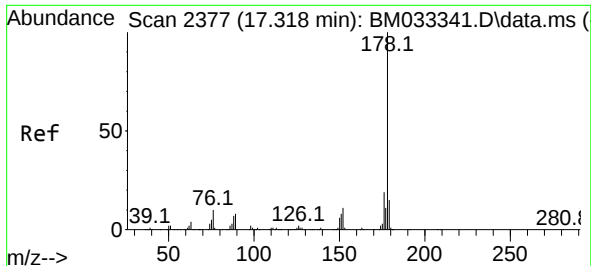


#70
 Pentachlorophenol
 Concen: 122.690 ng
 RT: 16.924 min Scan# 2327
 Delta R.T. 0.000 min
 Lab File: BM033396.D
 Acq: 10 Dec 2021 16:13



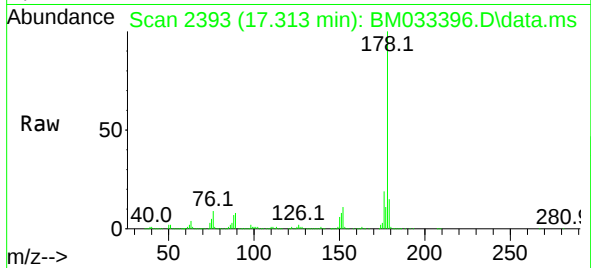
Tgt Ion:266 Resp: 342961
 Ion Ratio Lower Upper
 266 100
 268 64.1 50.1 75.1
 264 63.8 49.1 73.7





#71
Phenanthrene
Concen: 51.672 ng
RT: 17.313 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

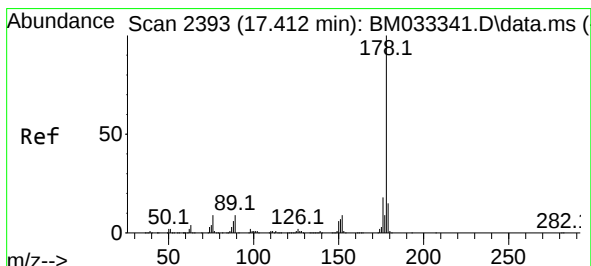
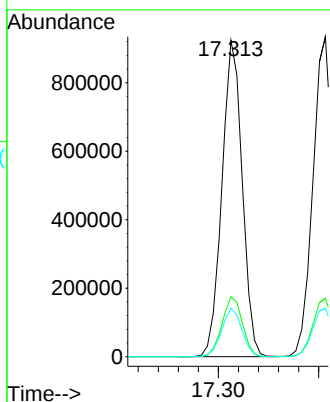
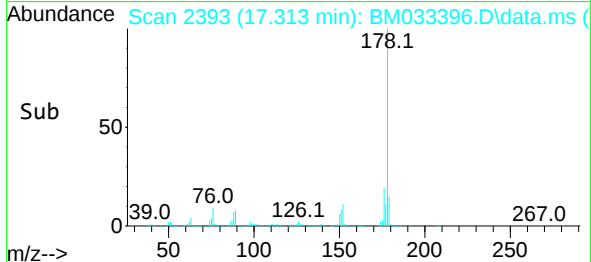
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



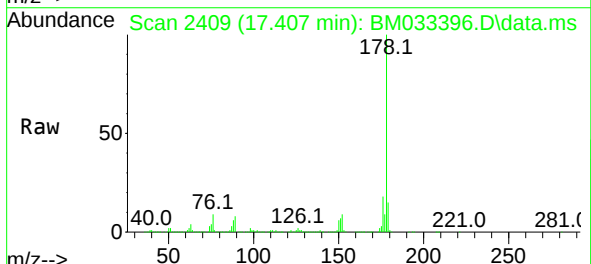
Tgt Ion:178 Resp: 129251
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.3 12.0 18.0

Manual Integrations
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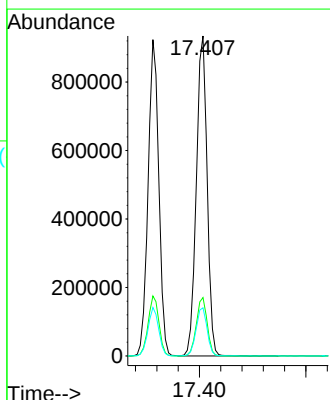
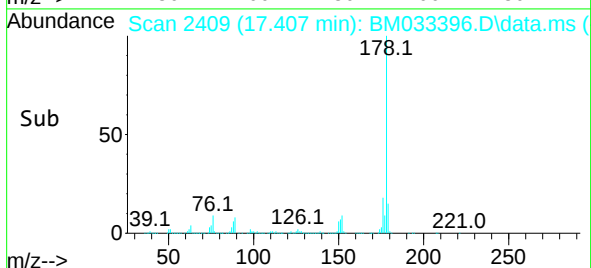
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

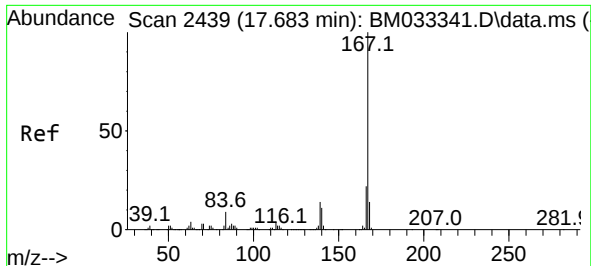


#72
Anthracene
Concen: 53.632 ng
RT: 17.407 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13



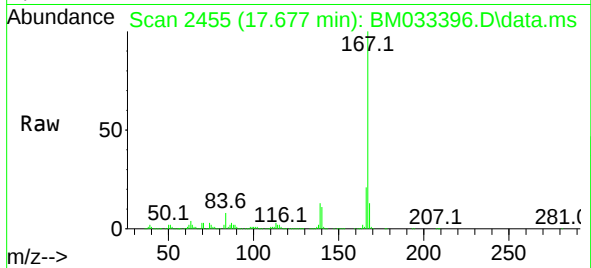
Tgt Ion:178 Resp: 1310699
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.0 11.9 17.9





#73
 Carbazole
 Concen: 50.637 ng
 RT: 17.677 min Scan# 2439
 Delta R.T. -0.006 min
 Lab File: BM033396.D
 Acq: 10 Dec 2021 16:13

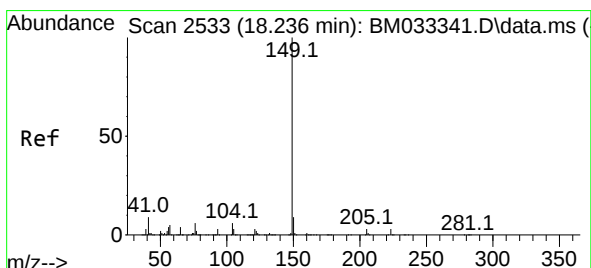
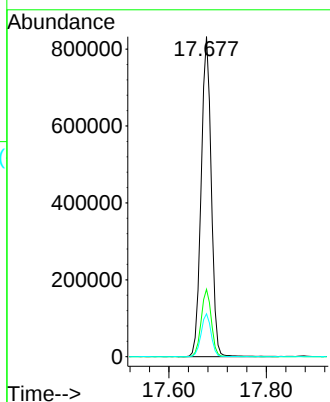
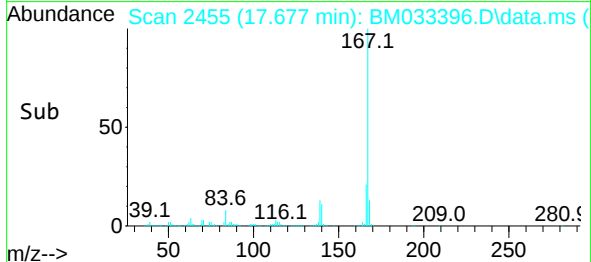
Instrument :
 BNA_M
 ClientSampleId :
 FDR-MW-4-20211202MSD



Tgt Ion:167 Resp: 119232
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 13.4 11.0 16.4

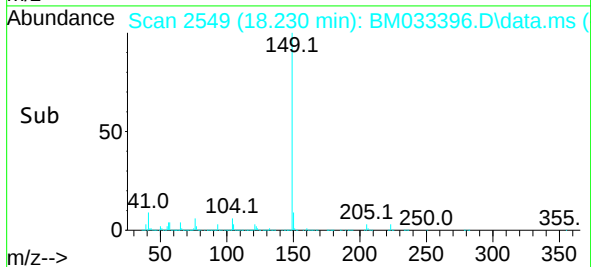
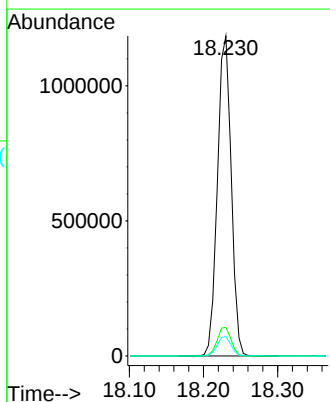
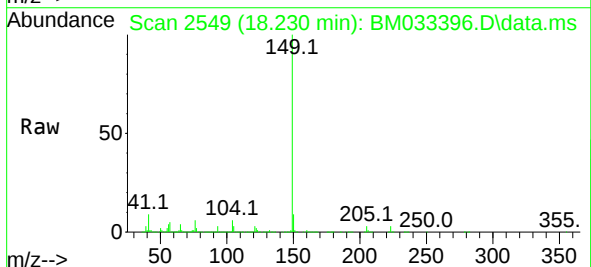
Manual Integrations
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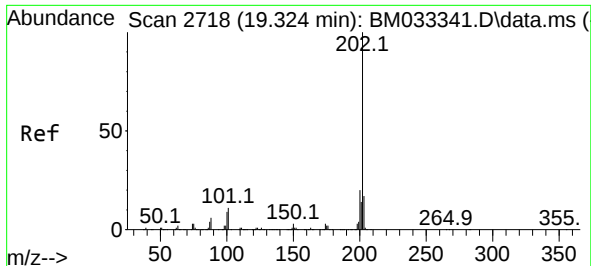
Reviewed By :Christian Giraldo 12/11/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



#74
 Di-n-butylphthalate
 Concen: 59.210 ng
 RT: 18.230 min Scan# 2549
 Delta R.T. -0.006 min
 Lab File: BM033396.D
 Acq: 10 Dec 2021 16:13

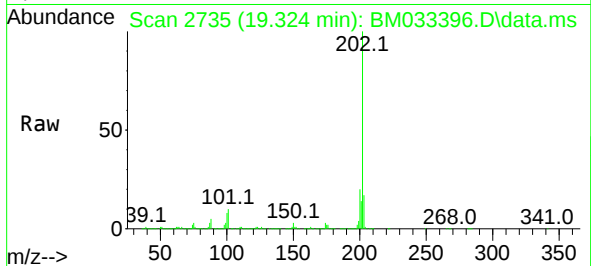
Tgt Ion:149 Resp: 1525182
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 6.1 4.6 6.8





#75
Fluoranthene
Concen: 52.410 ng
RT: 19.324 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

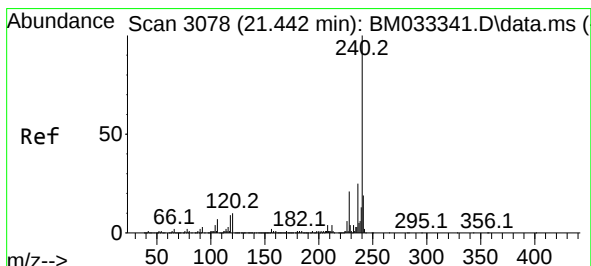
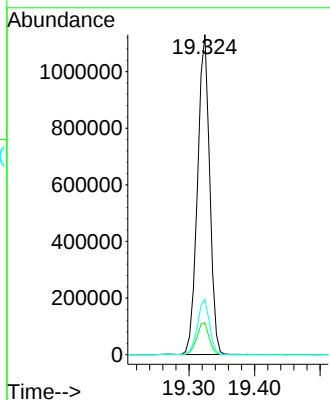
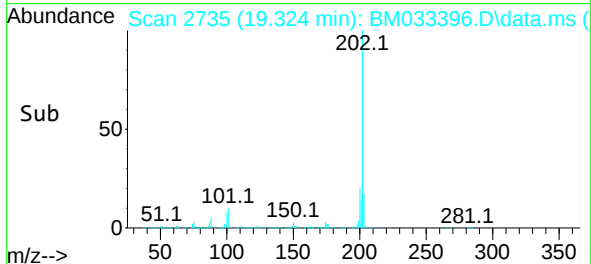
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:202 Resp: 1457210
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.8
203 17.3 0.0 37.2

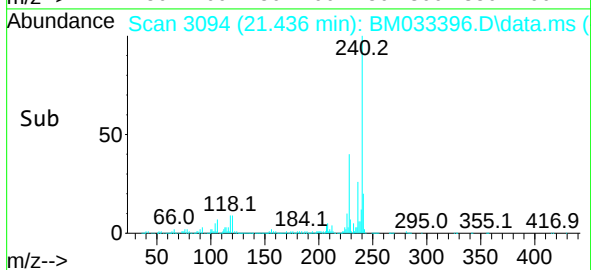
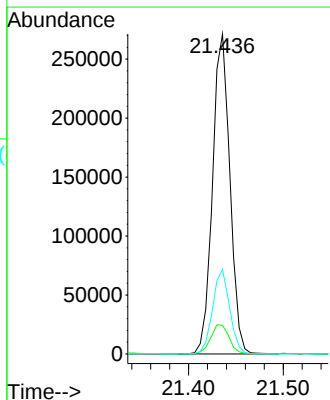
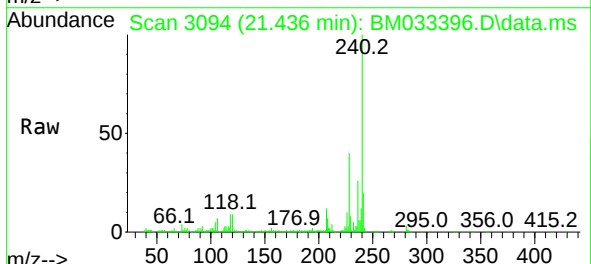
Manual Integrations
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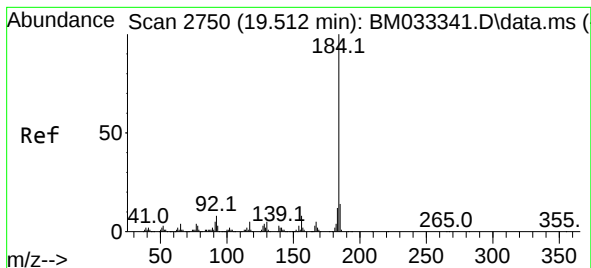
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.436 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

Tgt Ion:240 Resp: 345140
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 26.4 20.3 30.5





#77

Benzidine

Concen: 7.651 ng

RT: 19.512 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM033396.D

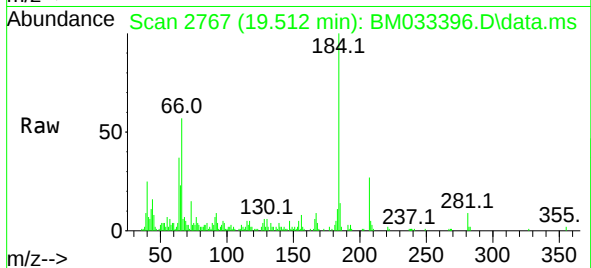
Acq: 10 Dec 2021 16:13

Instrument :

BNA_M

ClientSampleId :

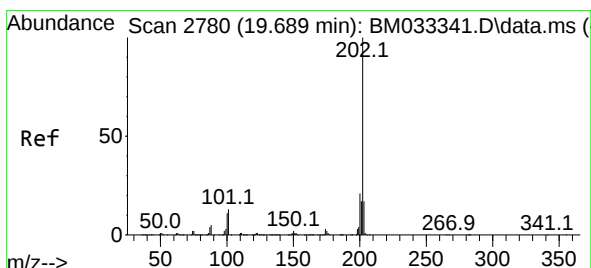
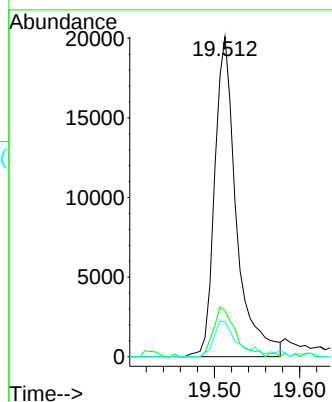
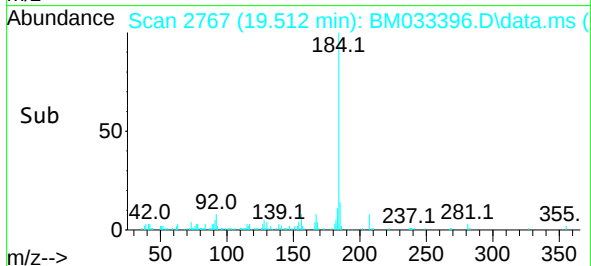
FDR-MW-4-20211202MSD



Tgt Ion:	184	Resp:	3559
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.4	17.0
183	11.0	9.7	14.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#78

Pyrene

Concen: 61.214 ng

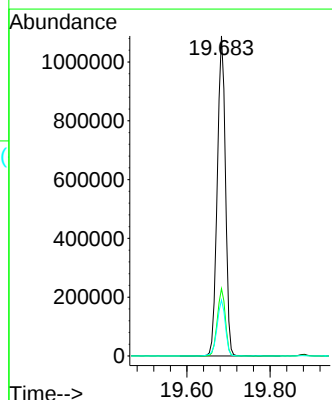
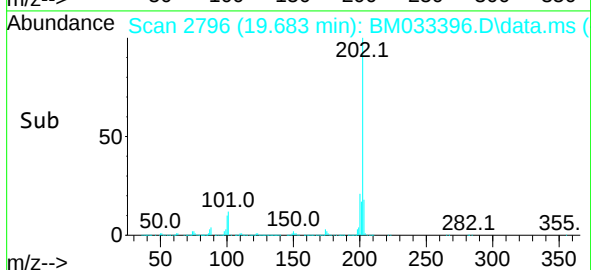
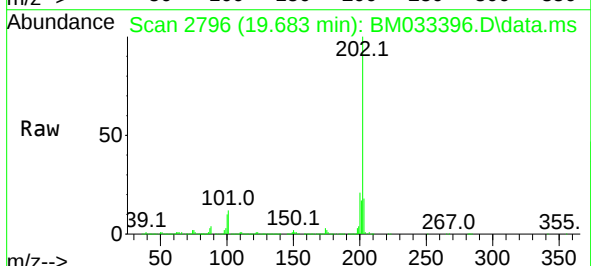
RT: 19.683 min Scan# 2796

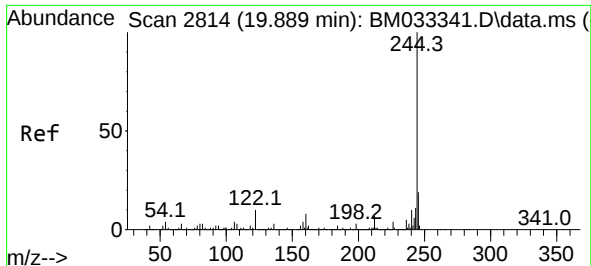
Delta R.T. -0.006 min

Lab File: BM033396.D

Acq: 10 Dec 2021 16:13

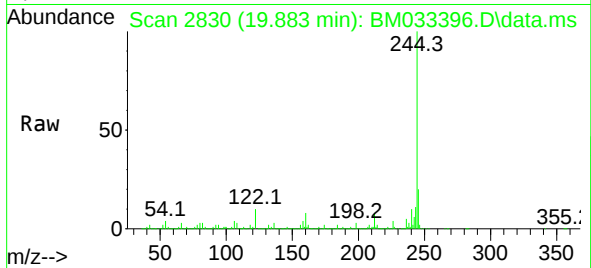
Tgt Ion:	202	Resp:	1479666
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.4	24.6
203	17.5	13.5	20.3





#79
 Terphenyl-d14
 Concen: 92.317 ng
 RT: 19.883 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033396.D
 Acq: 10 Dec 2021 16:13

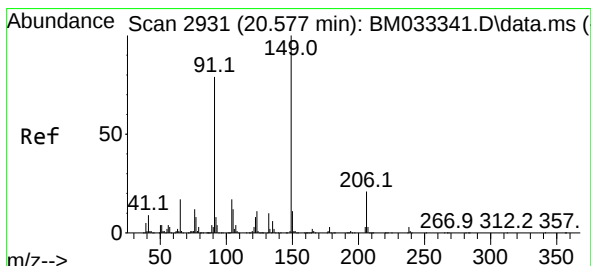
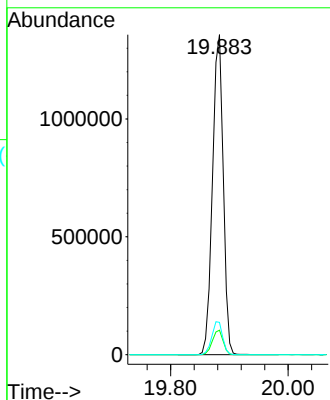
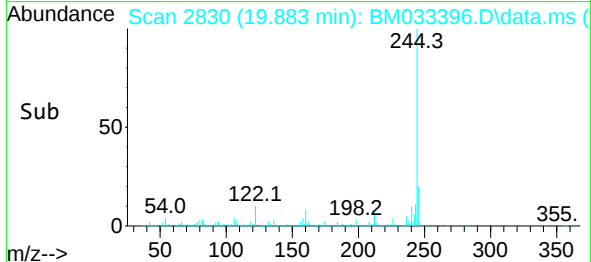
Instrument :
 BNA_M
 ClientSampleId :
 FDR-MW-4-20211202MSD



Tgt Ion:244 Resp: 1719792
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 10.1 8.4 12.6

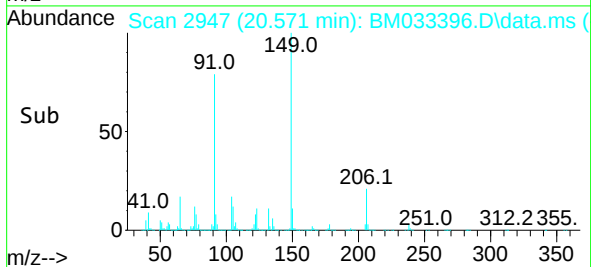
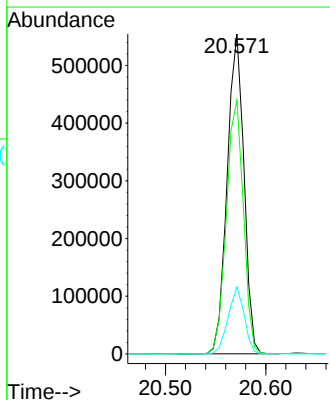
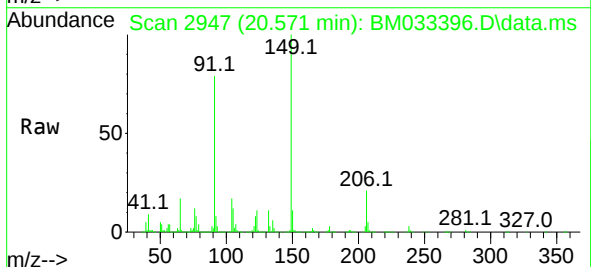
Manual Integrations
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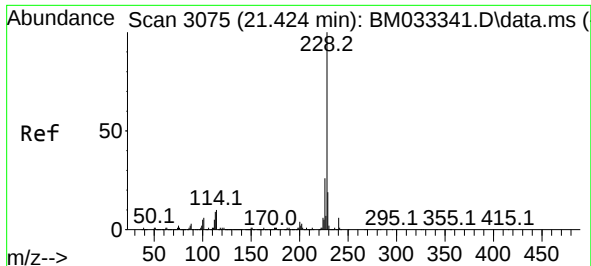
Reviewed By :Christian Giraldo 12/11/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



#80
 Butylbenzylphthalate
 Concen: 67.381 ng
 RT: 20.571 min Scan# 2947
 Delta R.T. -0.006 min
 Lab File: BM033396.D
 Acq: 10 Dec 2021 16:13

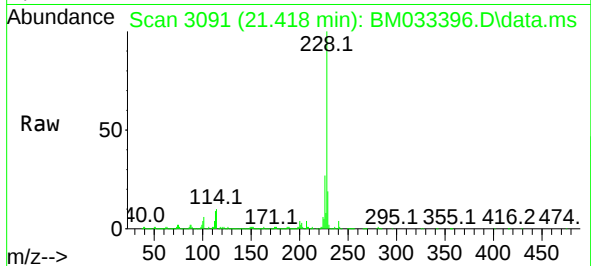
Tgt Ion:149 Resp: 642270
 Ion Ratio Lower Upper
 149 100
 91 79.2 63.4 95.0
 206 20.9 16.8 25.2





#81
Benzo(a)anthracene
Concen: 51.387 ng
RT: 21.418 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

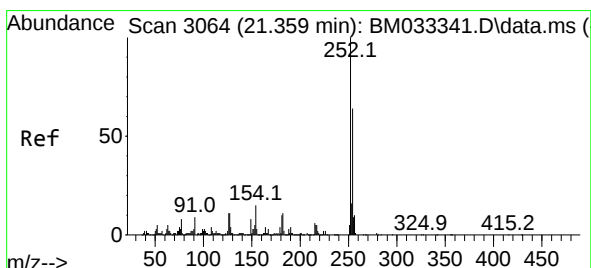
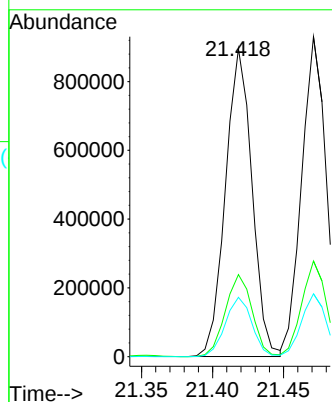
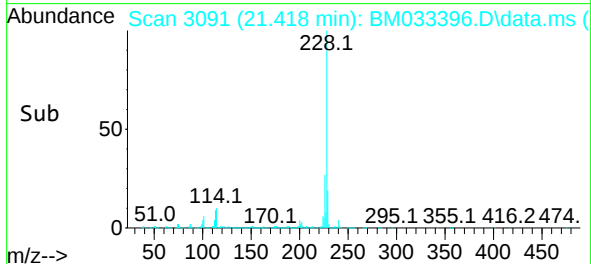
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



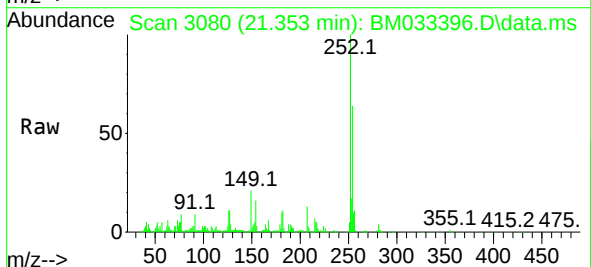
Tgt Ion:228 Resp: 116476
Ion Ratio Lower Upper
228 100
226 26.7 21.0 31.6
229 19.3 15.5 23.3

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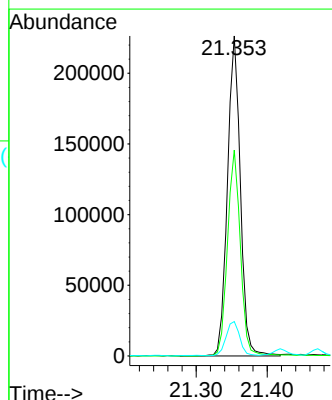
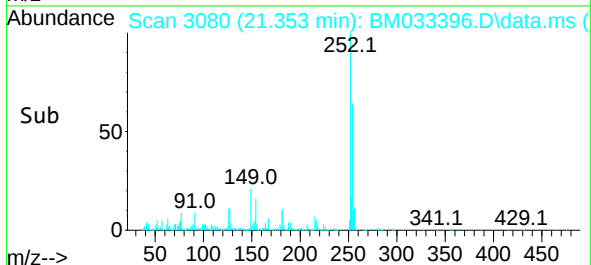
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

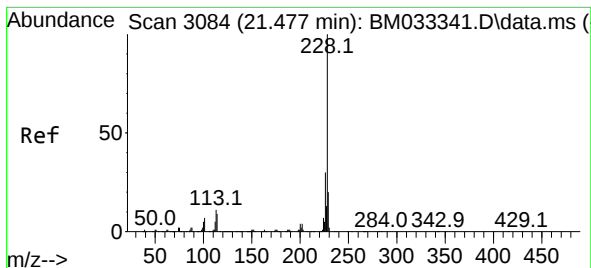


#82
3,3'-Dichlorobenzidine
Concen: 27.858 ng
RT: 21.353 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13



Tgt Ion:252 Resp: 286008
Ion Ratio Lower Upper
252 100
254 64.4 50.9 76.3
126 10.8 8.8 13.2





#83

Chrysene

Concen: 51.104 ng

RT: 21.471 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM033396.D

Acq: 10 Dec 2021 16:13

Instrument :

BNA_M

ClientSampleId :

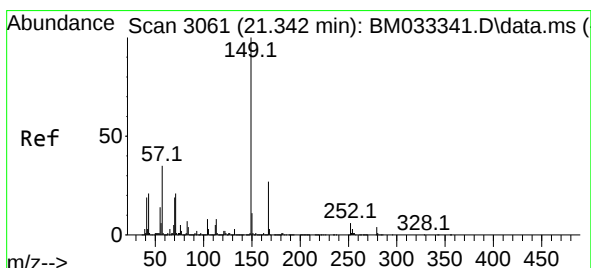
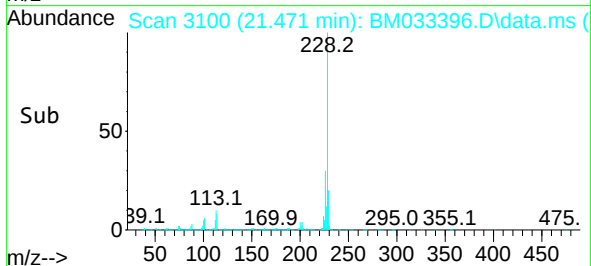
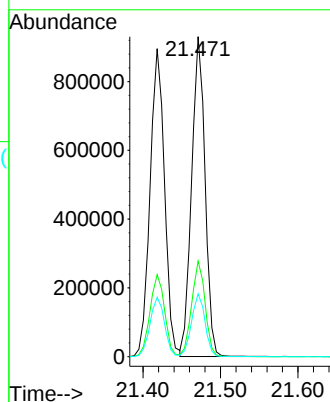
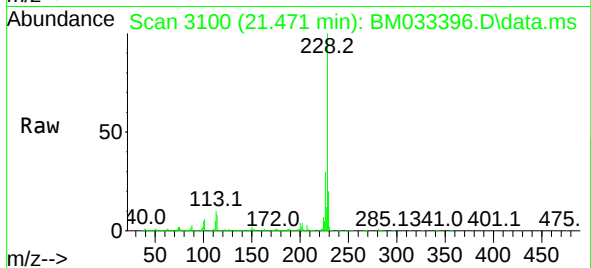
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Tgt Ion:228 Resp: 111933

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	19.6	15.8	23.8

Manual Integrations
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Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.226 ng

RT: 21.336 min Scan# 3077

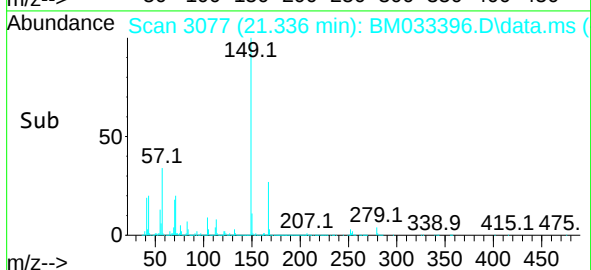
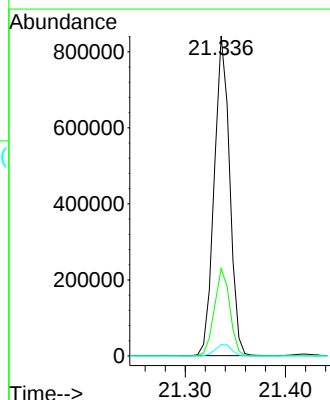
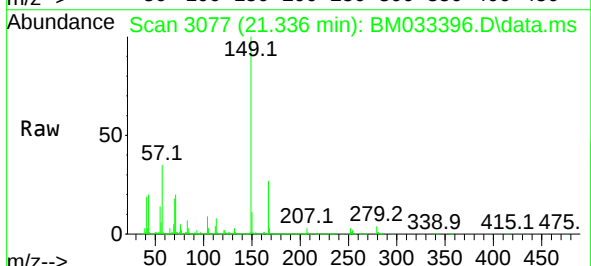
Delta R.T. -0.006 min

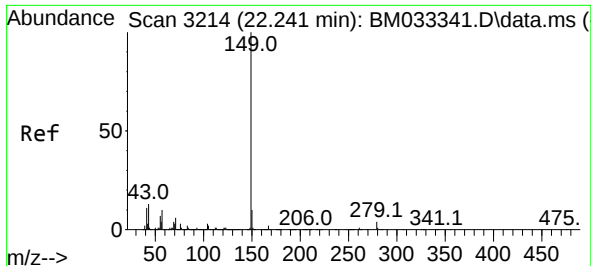
Lab File: BM033396.D

Acq: 10 Dec 2021 16:13

Tgt Ion:149 Resp: 896954

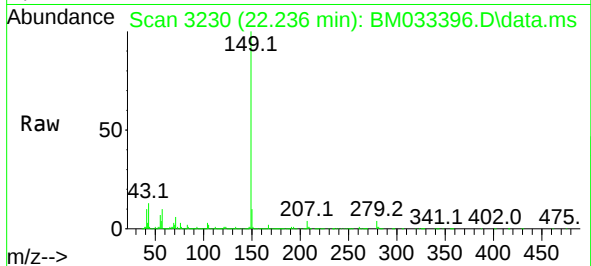
Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.4	32.0
279	3.6	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 60.997 ng
RT: 22.236 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

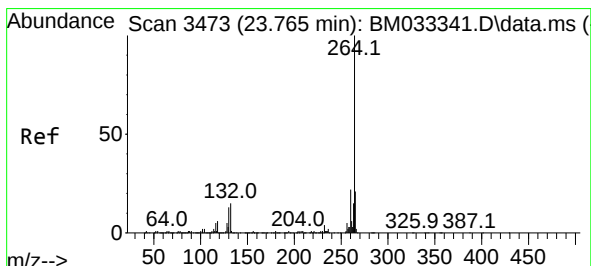
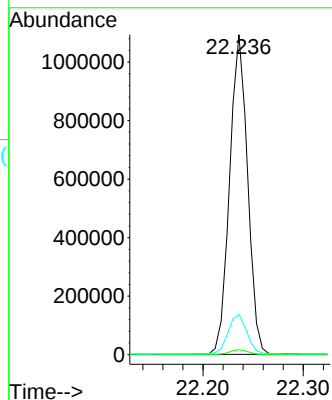
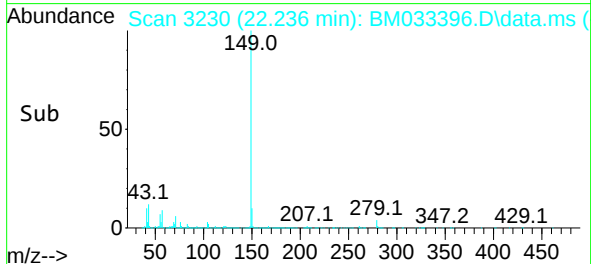
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



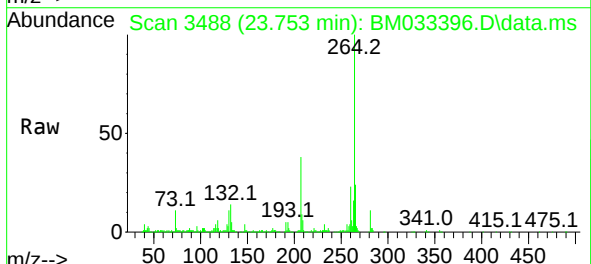
Tgt Ion:149 Resp: 135716
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.7 10.4 15.6

Manual Integrations
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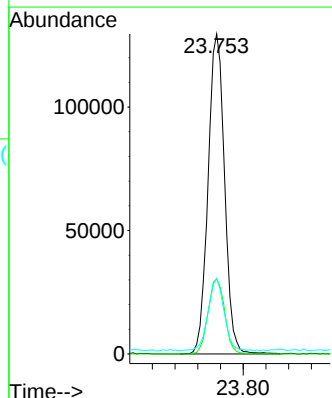
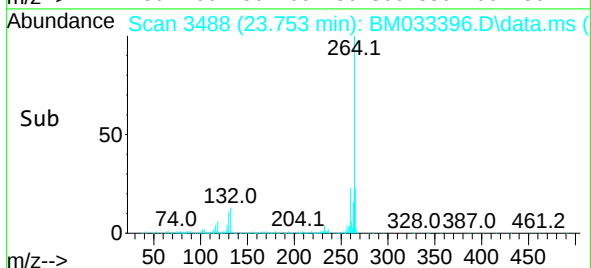
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

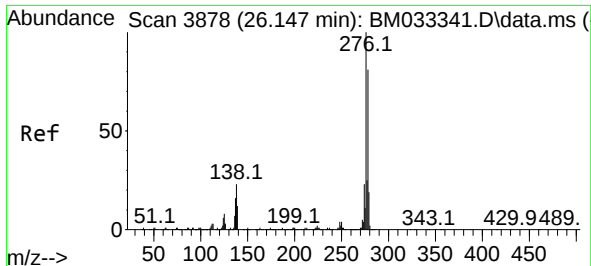


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.753 min Scan# 3488
Delta R.T. -0.012 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13



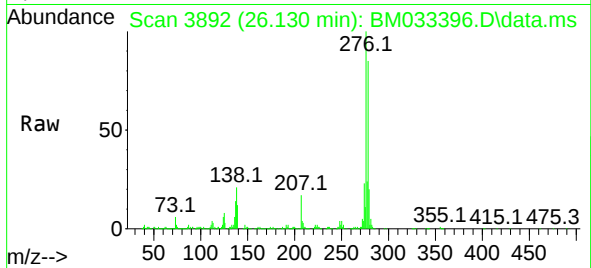
Tgt Ion:264 Resp: 260582
Ion Ratio Lower Upper
264 100
260 23.4 17.7 26.5
265 23.7 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.509 ng
RT: 26.130 min Scan# 3892
Delta R.T. -0.017 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

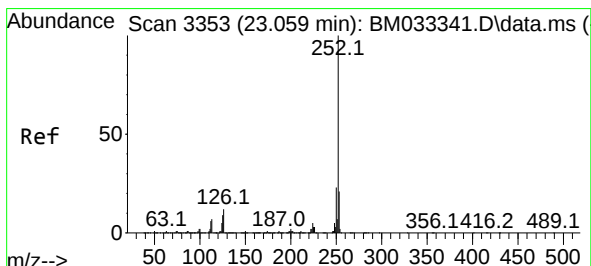
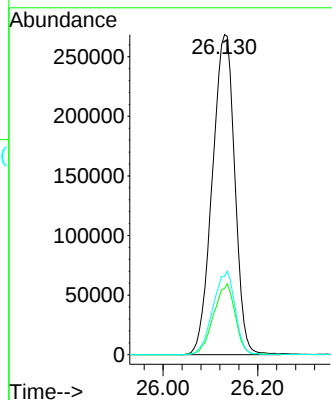
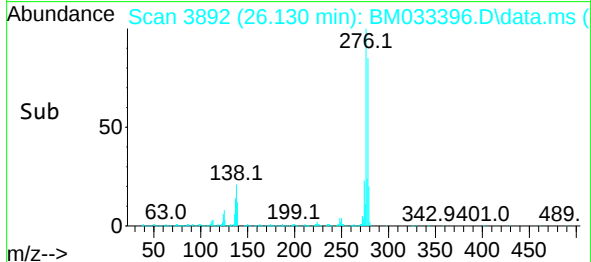
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



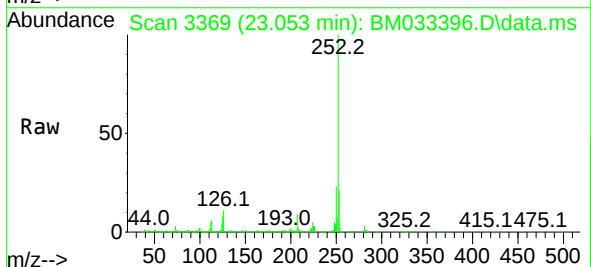
Tgt Ion:276 Resp: 884864
Ion Ratio Lower Upper
276 100
138 21.4 18.7 28.1
277 25.6 20.2 30.4

Manual Integrations
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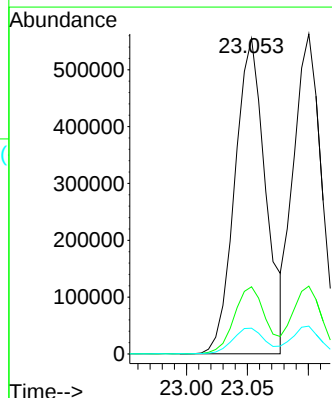
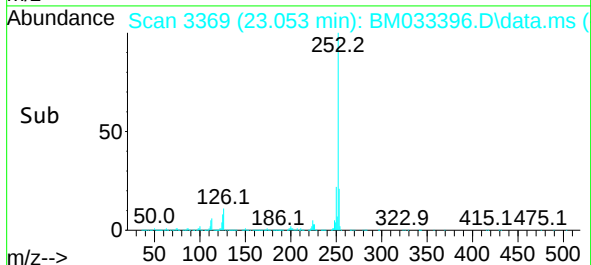
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

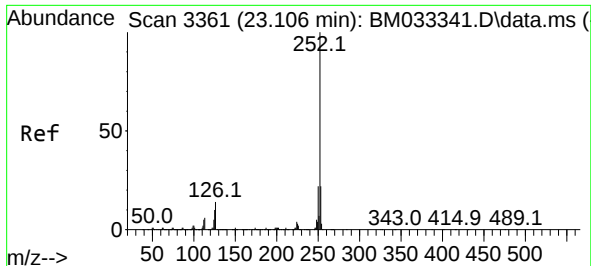


#88
Benzo(b)fluoranthene
Concen: 59.638 ng
RT: 23.053 min Scan# 3369
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13



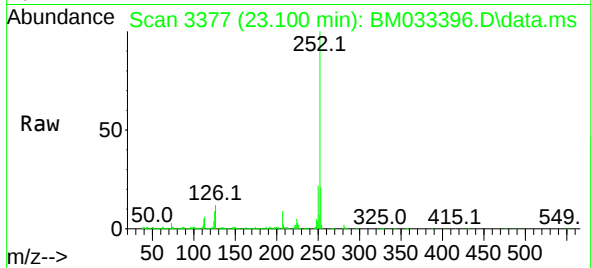
Tgt Ion:252 Resp: 978492
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 8.2 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 55.163 ng
RT: 23.100 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

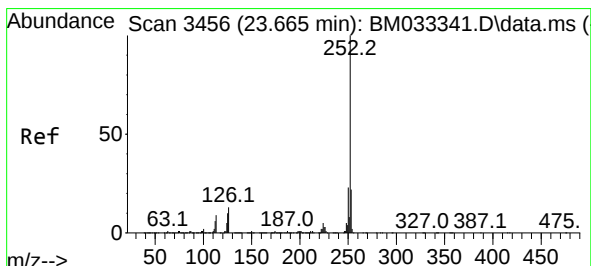
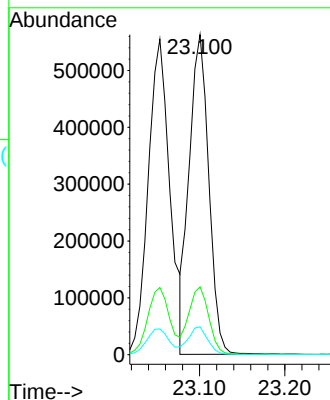
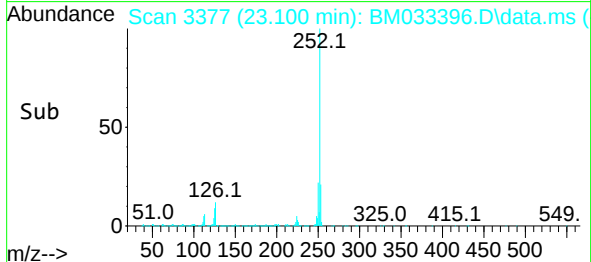
Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:252 Resp: 89405
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 8.7 8.1 12.1

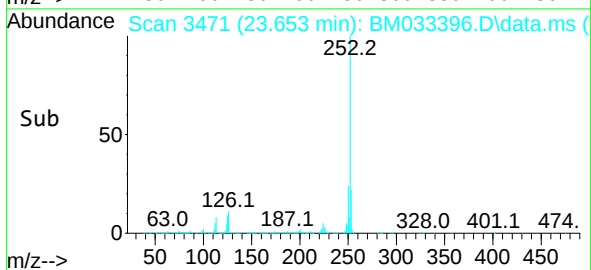
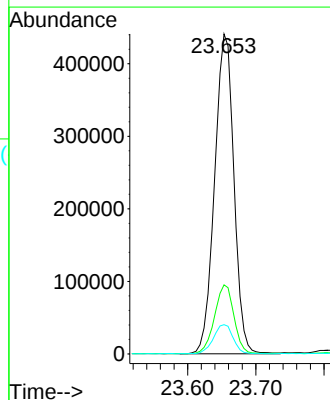
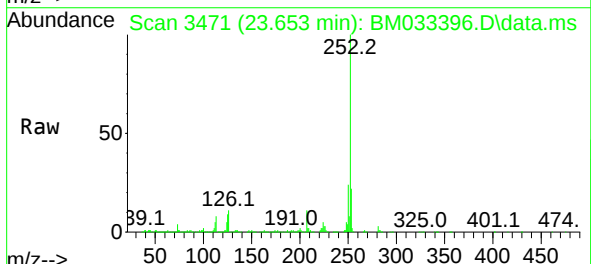
Manual Integrations
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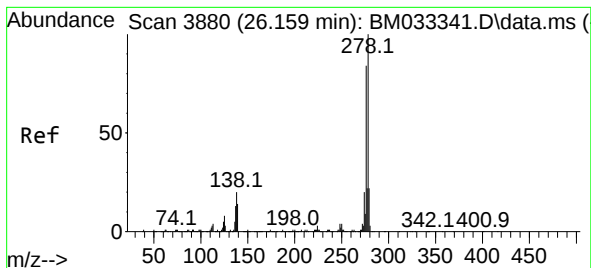
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#90
Benzo(a)pyrene
Concen: 64.128 ng
RT: 23.653 min Scan# 3471
Delta R.T. -0.012 min
Lab File: BM033396.D
Acq: 10 Dec 2021 16:13

Tgt Ion:252 Resp: 868772
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.2 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 50.723 ng

RT: 26.141 min Scan# 3880

Delta R.T. -0.018 min

Lab File: BM033396.D

Acq: 10 Dec 2021 16:13

Instrument :

BNA_M

ClientSampleId :

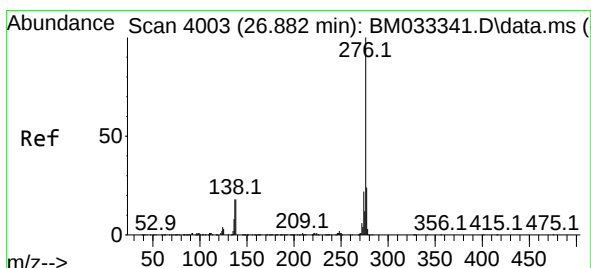
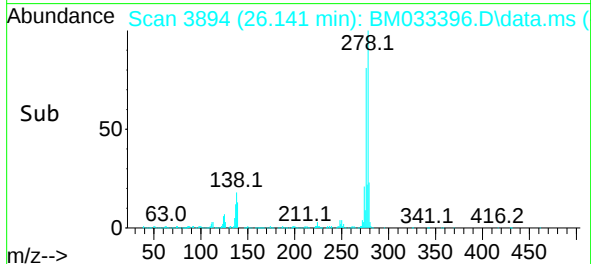
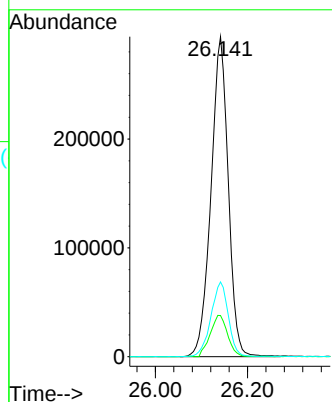
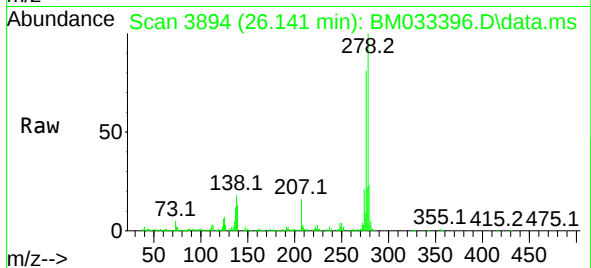
FDR-MW-4-20211202MSD

Tgt Ion: 278 Resp: 76493

Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.9	16.3
279	23.4	17.7	26.5

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 12/11/2021
Supervised By : Jagrut Upadhyay 12/13/2021



#92

Benzo(g,h,i)perylene

Concen: 50.941 ng

RT: 26.859 min Scan# 4016

Delta R.T. -0.023 min

Lab File: BM033396.D

Acq: 10 Dec 2021 16:13

Tgt Ion: 276 Resp: 751325

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	18.1	14.8	22.2

