

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
 Data File : BM039395.D
 Acq On : 11 Apr 2023 16:05
 Operator : CG/JU
 Sample : 02269-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-20424MSD

Quant Time: Apr 12 05:12:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 16:05:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

04/12/2023
 Supervised By :Jagrut
 Upadhyay

04/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	218635	20.000	ng	0.00
21) Naphthalene-d8	10.674	136	878543	20.000	ng	# 0.00
39) Acenaphthene-d10	14.533	164	543158	20.000	ng	0.02
64) Phenanthrene-d10	17.315	188	495856	20.000	ng	# 0.05
76) Chrysene-d12	21.486	240	826958	20.000	ng	# 0.02
86) Perylene-d12	23.874	264	1050097	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	933088	64.299	ng	0.00
7) Phenol-d6	7.039	99	1180467	62.892	ng	0.00
23) Nitrobenzene-d5	9.033	82	728949	40.327	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	353185	51.224	ng	0.02
45) 2-Fluorobiphenyl	13.145	172	1697783	42.351	ng	0.00
79) Terphenyl-d14	19.939	244	1522204	34.008	ng	0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	206225	34.767	ng	96
3) Pyridine	3.693	79	519125	31.240	ng	99
4) n-Nitrosodimethylamine	3.598	42	226077	34.642	ng	99
6) Aniline	7.192	93	267342	11.508	ng	98
8) 2-Chlorophenol	7.428	128	593567	39.963	ng	98
9) Benzaldehyde	6.998	77	376502	35.222	ng	99
10) Phenol	7.069	94	731549	38.891	ng	99
11) bis(2-Chloroethyl)ether	7.286	93	664942	43.942	ng	92
12) 1,3-Dichlorobenzene	7.751	146	664721	42.200	ng	98
13) 1,4-Dichlorobenzene	7.898	146	673056	42.258	ng	99
14) 1,2-Dichlorobenzene	8.216	146	650381	42.704	ng	98
15) Benzyl Alcohol	8.110	79	505513	39.157	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.398	45	778859m	40.240	ng	
17) 2-Methylphenol	8.322	107	481390	36.579	ng	99
18) Hexachloroethane	8.939	117	249382	40.477	ng	99
19) n-Nitroso-di-n-propyla...	8.681	70	440260	36.693	ng	100
20) 3+4-Methylphenols	8.651	107	646538	36.561	ng	98
22) Acetophenone	8.698	105	895334	38.116	ng	# 98
24) Nitrobenzene	9.075	77	643668	35.800	ng	100
25) Isophorone	9.604	82	1243016	36.861	ng	99
26) 2-Nitrophenol	9.786	139	304519	36.639	ng	99
27) 2,4-Dimethylphenol	9.857	122	530477	38.415	ng	99
28) bis(2-Chloroethoxy)met...	10.086	93	753953	36.934	ng	99
29) 2,4-Dichlorophenol	10.327	162	530966	39.408	ng	98
30) 1,2,4-Trichlorobenzene	10.539	180	596769	41.401	ng	99
31) Naphthalene	10.722	128	1856499	39.217	ng	100
32) Benzoic acid	10.010	122	421086	39.123	ng	99
33) 4-Chloroaniline	10.851	127	216748	10.451	ng	98
34) Hexachlorobutadiene	11.004	225	346686	40.903	ng	99
35) Caprolactam	11.657	113	182876	39.091	ng	# 59
36) 4-Chloro-3-methylphenol	11.980	107	566586	38.114	ng	95
37) 2-Methylnaphthalene	12.339	142	1226038	37.203	ng	99
38) 1-Methylnaphthalene	12.563	142	1154490	37.414	ng	100
40) 1,2,4,5-Tetrachloroben...	12.710	216	627889	37.968	ng	99
41) Hexachlorocyclopentadiene	12.680	237	389484	43.111	ng	98
43) 2,4,6-Trichlorophenol	12.957	196	433119	38.404	ng	99

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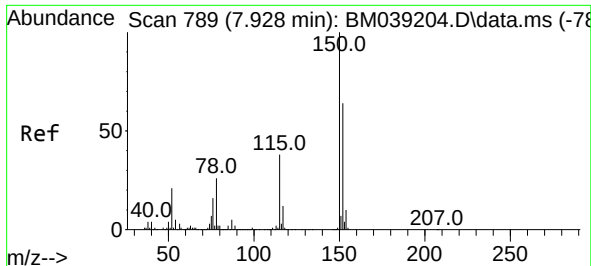
Supervised By :Jagrat
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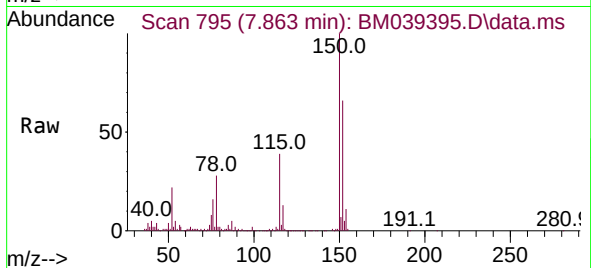
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44) 2,4,5-Trichlorophenol	13.033	196	477822	36.140	ng	#	85
46) 1,1'-Biphenyl	13.357	154	1678643	39.137	ng		99
47) 2-Chloronaphthalene	13.398	162	1281800	39.469	ng		98
48) 2-Nitroaniline	13.610	65	415467	38.015	ng		99
49) Acenaphthylene	14.251	152	1879618	35.214	ng	#	89
50) Dimethylphthalate	13.986	163	1455495	34.771	ng	#	93
51) 2,6-Dinitrotoluene	14.110	165	348923	38.762	ng	#	80
52) Acenaphthene	14.598	154	1126512	35.742	ng		97
53) 3-Nitroaniline	14.439	138	202934	19.501	ng	#	75
54) 2,4-Dinitrophenol	14.657	184	69614	13.059	ng	#	31
55) Dibenzofuran	14.933	168	1700761	33.517	ng		93
56) 4-Nitrophenol	14.768	139	497402	61.985	ng	#	1
57) 2,4-Dinitrotoluene	14.904	165	286585	23.535	ng	#	80
58) Fluorene	15.586	166	1211357	30.148	ng	#	84
59) 2,3,4,6-Tetrachlorophenol	15.168	232	330035	31.378	ng	#	52
60) Diethylphthalate	15.357	149	1618229	38.408	ng	#	78
61) 4-Chlorophenyl-phenyle...	15.580	204	590167	29.637	ng	#	62
62) 4-Nitroaniline	15.609	138	138854	13.003	ng	#	56
63) Azobenzene	15.880	77	1089201	25.803	ng	#	76
65) 4,6-Dinitro-2-methylph...	15.680	198	40773	12.499	ng	#	1
66) n-Nitrosodiphenylamine	15.798	169	1063177	68.042	ng		95
67) 4-Bromophenyl-phenylether	16.492	248	387076	73.096	ng	#	56
68) Hexachlorobenzene	16.621	284	337517	58.782	ng	#	1
69) Atrazine	16.786	200	518685	104.808	ng	#	32
70) Pentachlorophenol	16.968	266	375194	91.078	ng		96
71) Phenanthrene	17.362	178	1181189	43.494	ng	#	59
72) Anthracene	17.456	178	1069341	38.616	ng	#	64
73) Carbazole	17.721	167	865413	33.445	ng	#	57
74) Di-n-butylphthalate	18.280	149	1294995	40.458	ng	#	81
75) Fluoranthene	19.386	202	1609339	51.986	ng		86
78) Pyrene	19.744	202	1826569	31.027	ng	#	92
80) Butylbenzylphthalate	20.615	149	910557	33.762	ng		89
81) Benzo(a)anthracene	21.474	228	2498555	42.840	ng		99
82) 3,3'-Dichlorobenzidine	21.403	252	194207	9.996	ng	#	79
83) Chrysene	21.527	228	2417510	42.938	ng		98
84) Bis(2-ethylhexyl)phtha...	21.386	149	1693208	42.508	ng		96
85) Di-n-octyl phthalate	22.303	149	3086882	43.013	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.356	276	3382706	43.721	ng		99
88) Benzo(b)fluoranthene	23.144	252	2945316	45.839	ng	#	96
89) Benzo(k)fluoranthene	23.191	252	2826120	43.181	ng	#	96
90) Benzo(a)pyrene	23.768	252	2597081	41.145	ng		98
91) Dibenzo(a,h)anthracene	26.368	278	2697723	41.524	ng		98
92) Benzo(g,h,i)perylene	27.115	276	2863272	44.815	ng		99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039395.D
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Instrument :
BNA_M
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CHRT-20424MSD



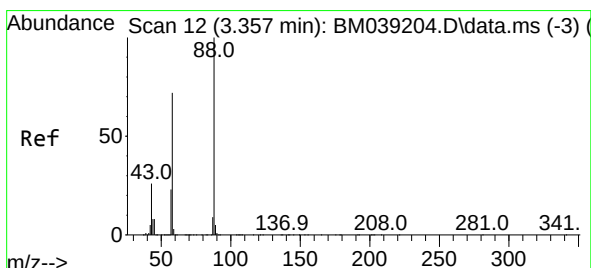
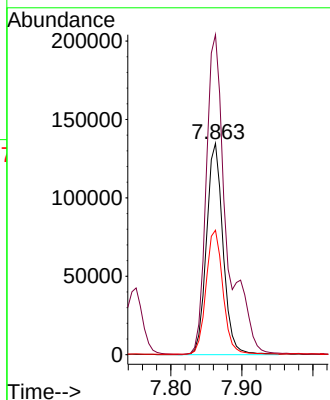
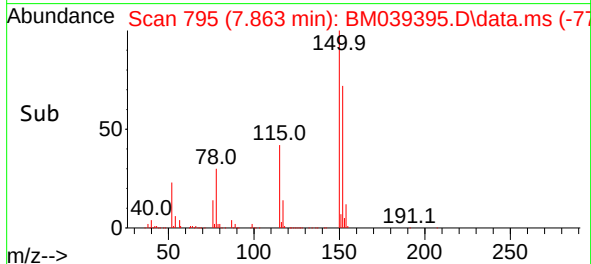
Tgt Ion: 152 Resp: 21863
Ion Ratio Lower Upper
152 100
150 151.4 125.5 188.3
115 58.9 48.1 72.1

Manual Integrations
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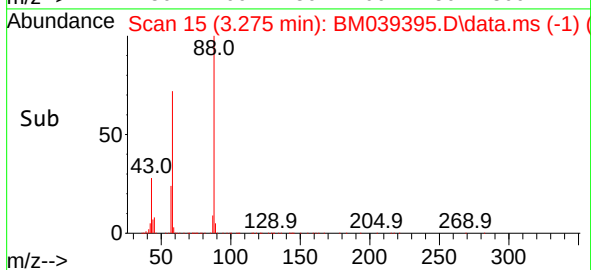
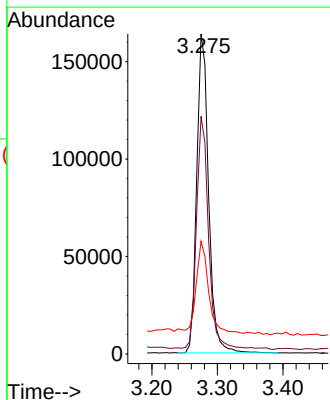
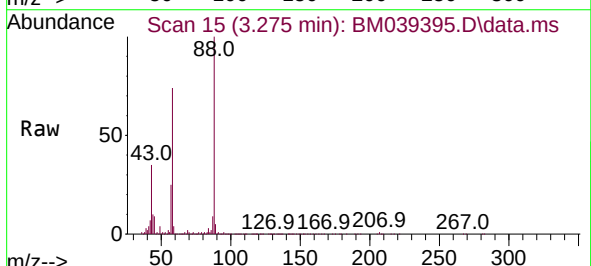
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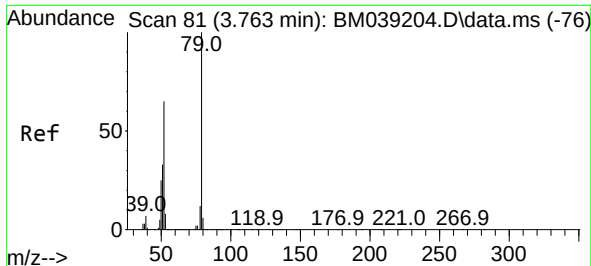
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#2
1,4-Dioxane
Concen: 34.767 ng
RT: 3.275 min Scan# 15
Delta R.T. -0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Tgt Ion: 88 Resp: 206225
Ion Ratio Lower Upper
88 100
58 74.9 57.9 86.9
43 29.7 21.4 32.2





#3
 Pyridine
 Concen: 31.240 ng
 RT: 3.693 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BM039395.D
 Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD

Tgt Ion: 79 Resp: 51912
 Ion Ratio Lower Upper
 79 100
 52 65.6 52.0 78.0
 51 32.6 26.4 39.6

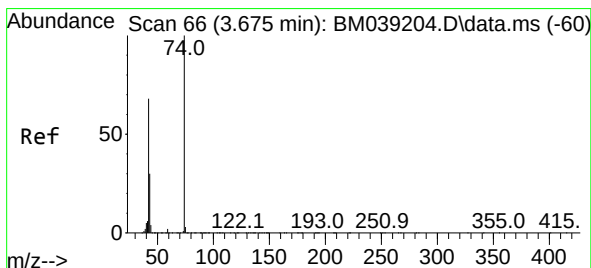
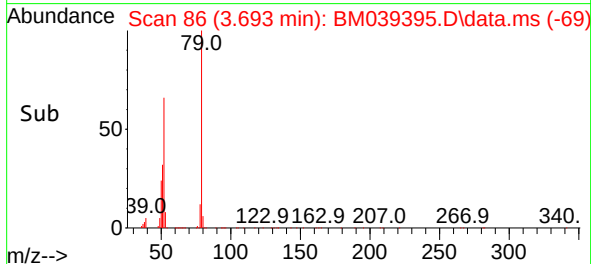
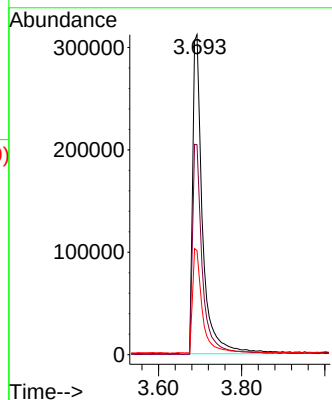
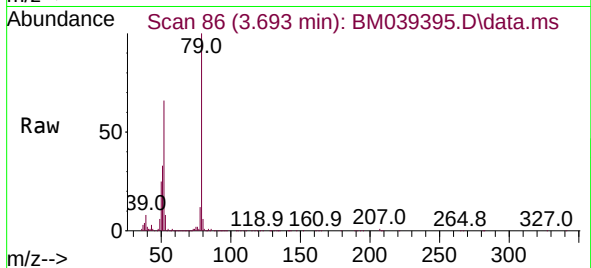
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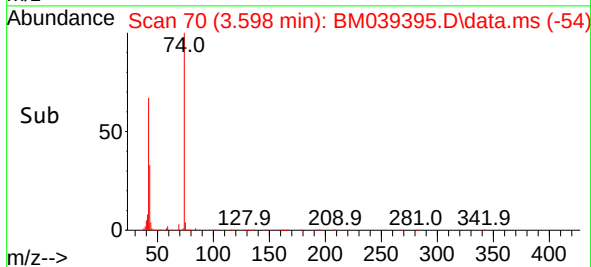
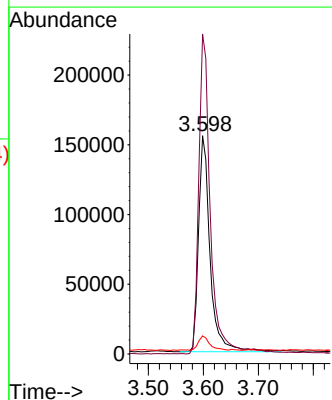
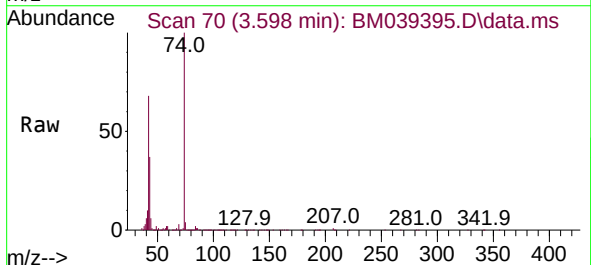
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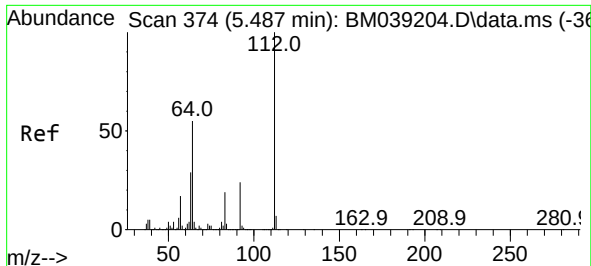
04/12/2023



#4
 n-Nitrosodimethylamine
 Concen: 34.642 ng
 RT: 3.598 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BM039395.D
 Acq: 11 Apr 2023 16:05

Tgt Ion: 42 Resp: 226077
 Ion Ratio Lower Upper
 42 100
 74 146.6 118.1 177.1
 44 8.3 6.3 9.5





#5
2-Fluorophenol
Concen: 64.299 ng
RT: 5.422 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD

Tgt Ion:112 Resp: 93308
Ion Ratio Lower Upper
112 100
64 57.8 44.3 66.5
63 30.3 23.0 34.6

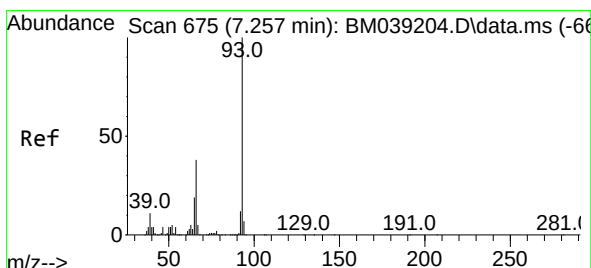
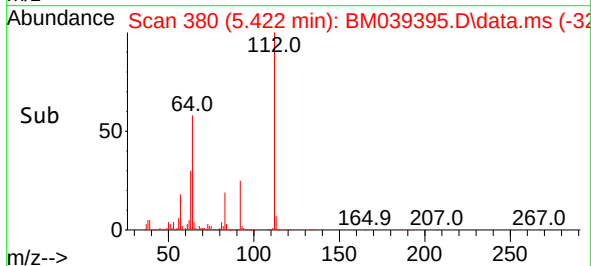
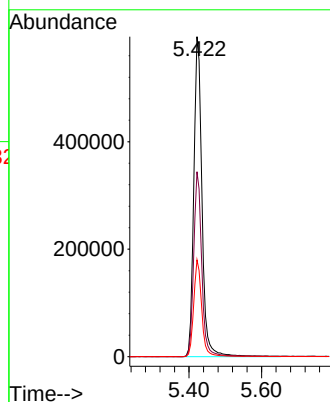
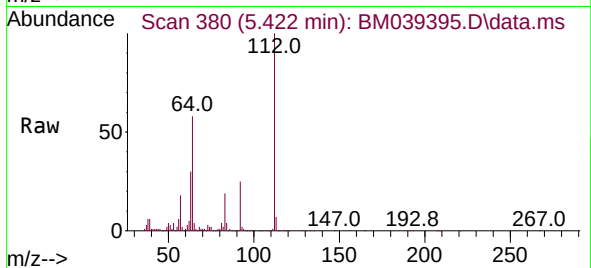
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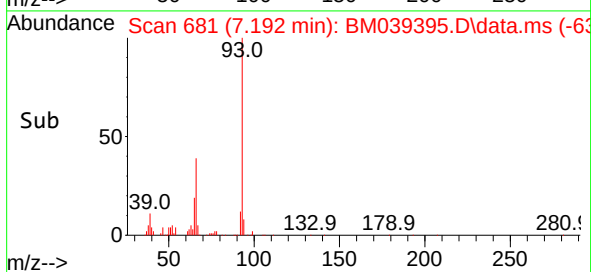
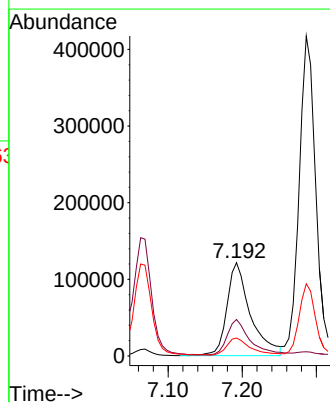
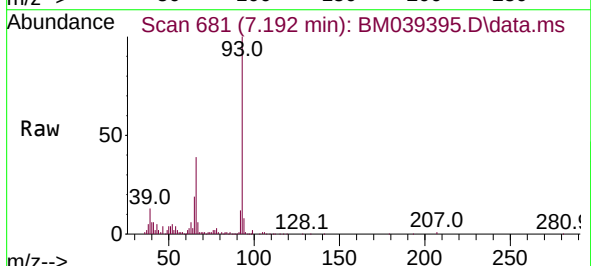
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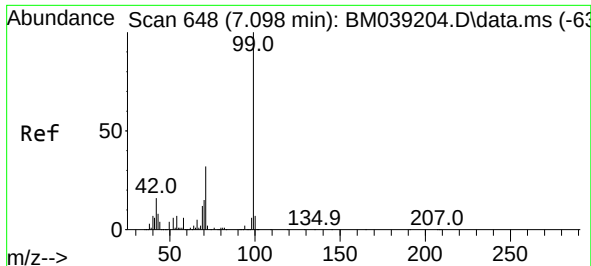
04/12/2023



#6
Aniline
Concen: 11.508 ng
RT: 7.192 min Scan# 681
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

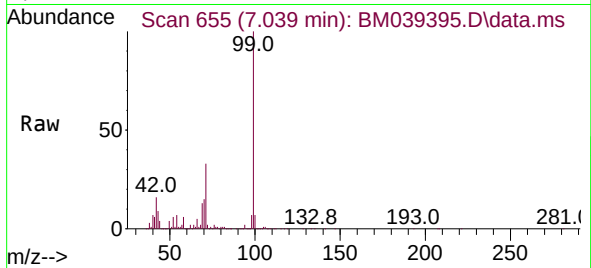
Tgt Ion: 93 Resp: 267342
Ion Ratio Lower Upper
93 100
66 39.1 30.1 45.1
65 19.3 15.5 23.3





#7
Phenol-d6
Concen: 62.892 ng
RT: 7.039 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
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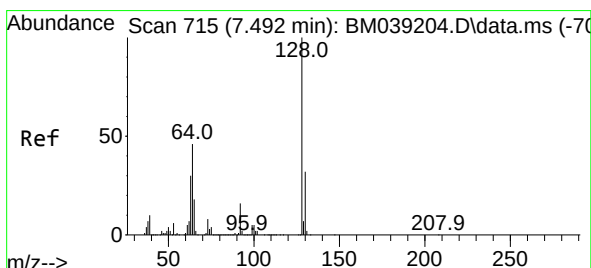
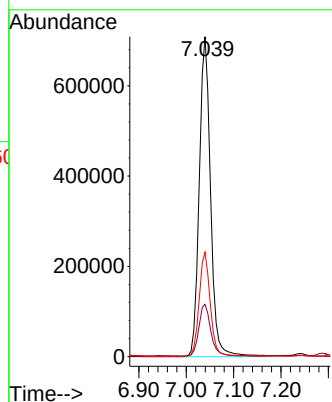
Tgt Ion: 99 Resp: 118046
Ion Ratio Lower Upper
99 100
42 16.4 13.0 19.6
71 32.7 25.5 38.3

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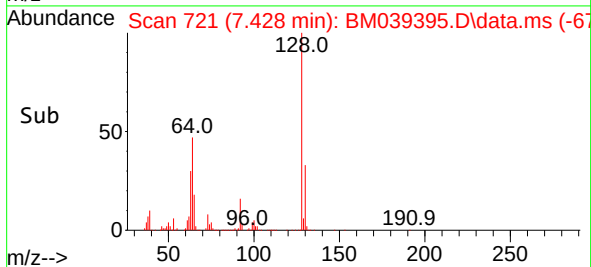
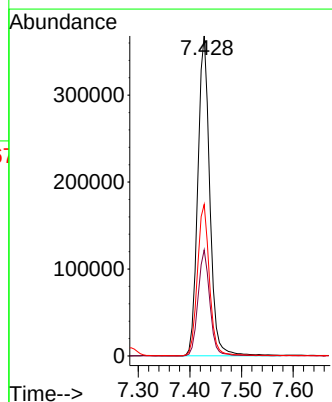
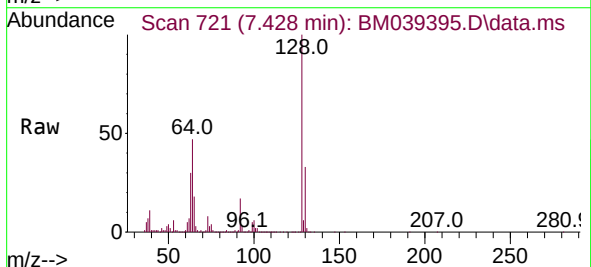
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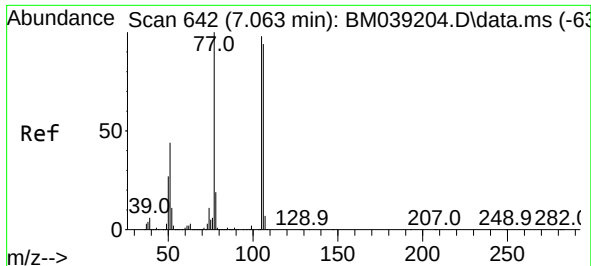
04/12/2023



#8
2-Chlorophenol
Concen: 39.963 ng
RT: 7.428 min Scan# 721
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

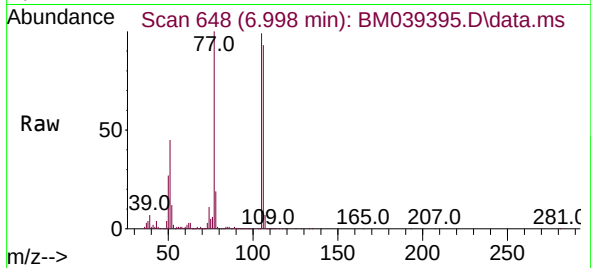
Tgt Ion:128 Resp: 593567
Ion Ratio Lower Upper
128 100
130 33.2 12.2 52.2
64 47.4 25.9 65.9





#9
Benzaldehyde
Concen: 35.222 ng
RT: 6.998 min Scan# 642
Delta R.T. -0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



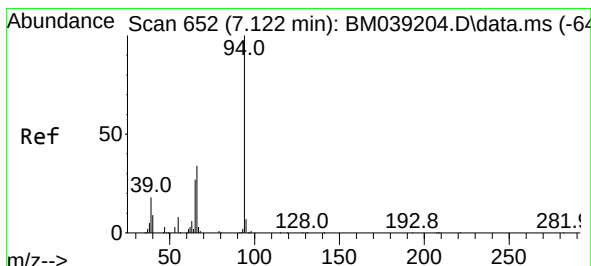
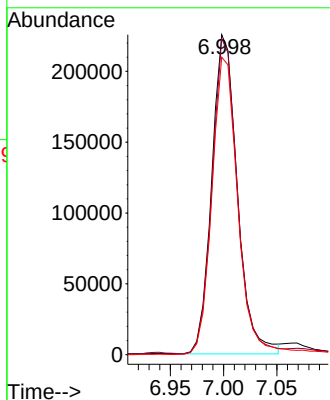
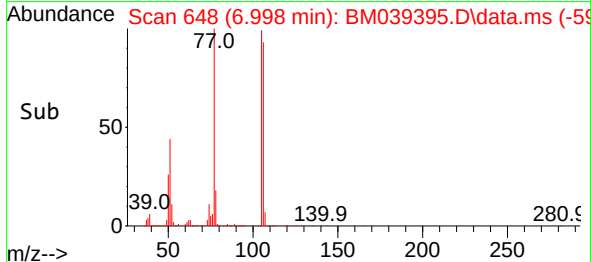
Tgt Ion: 77 Resp: 376502
Ion Ratio Lower Upper
77 100
105 98.8 78.2 118.2
106 93.0 73.8 113.8

Manual Integrations
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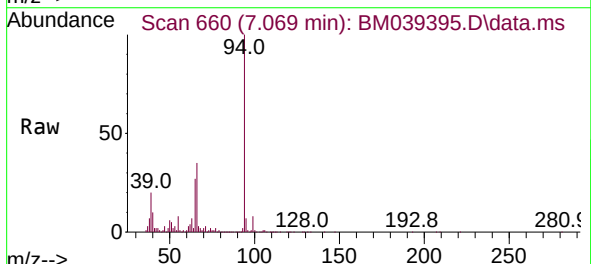
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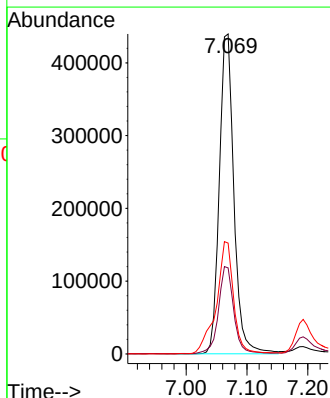
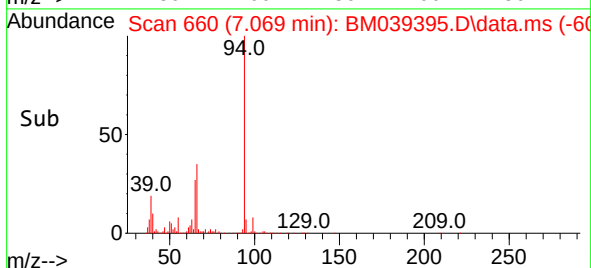
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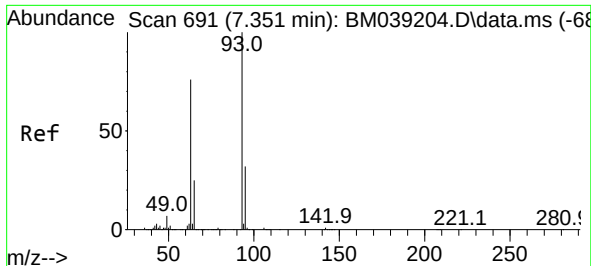


#10
Phenol
Concen: 38.891 ng
RT: 7.069 min Scan# 660
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05



Tgt Ion: 94 Resp: 731549
Ion Ratio Lower Upper
94 100
65 26.9 7.2 47.2
66 34.7 15.2 55.2





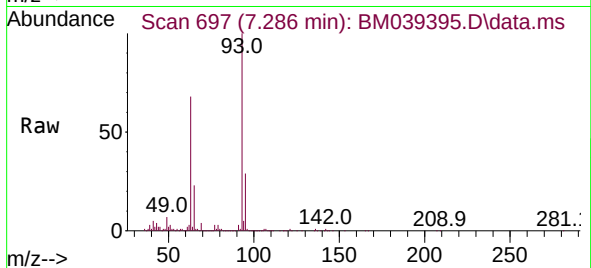
#11
bis(2-Chloroethyl)ether
Concen: 43.942 ng
RT: 7.286 min Scan# 691
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD



Tgt Ion: 93 Resp: 66494
Ion Ratio Lower Upper
93 100
63 67.8 55.5 95.5
95 29.1 12.2 52.2

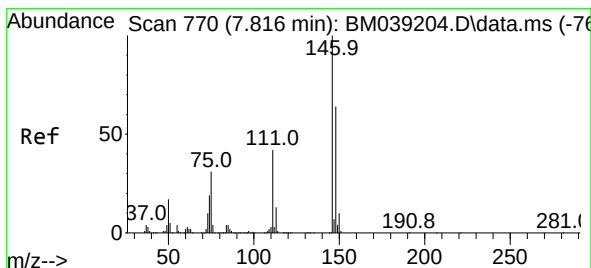
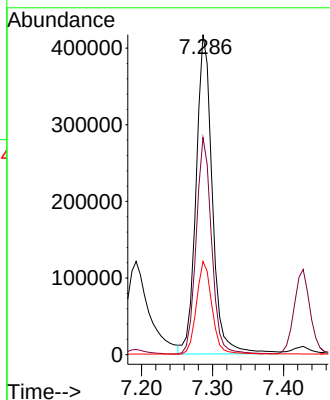
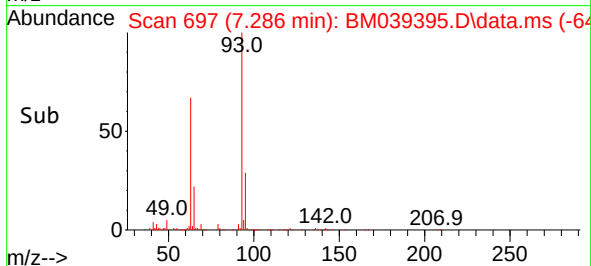
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Reviewed By :Christian
Giraldo

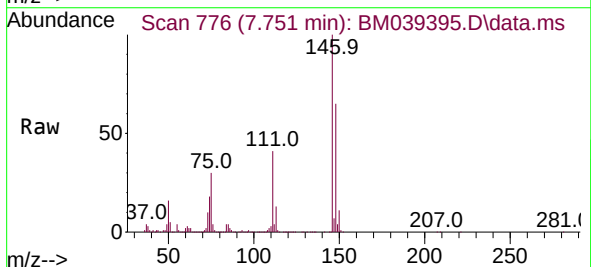
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Supervised By :Jagrut
Upadhyay

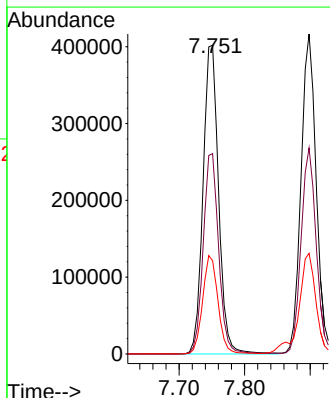
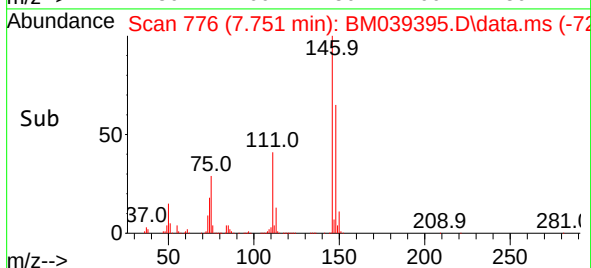
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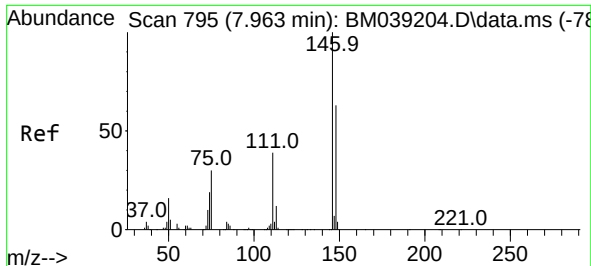


#12
1,3-Dichlorobenzene
Concen: 42.200 ng
RT: 7.751 min Scan# 776
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05



Tgt Ion:146 Resp: 664721
Ion Ratio Lower Upper
146 100
148 64.9 51.2 76.8
75 30.2 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 42.258 ng

RT: 7.898 min Scan# 801

Delta R.T. -0.000 min

Lab File: BM039395.D

Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD

Tgt Ion:	146	Resp:	673050
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.8	76.2
111	40.0	31.5	47.3

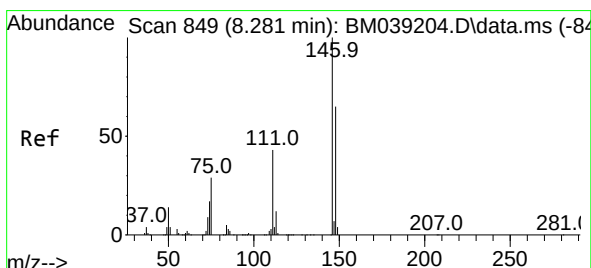
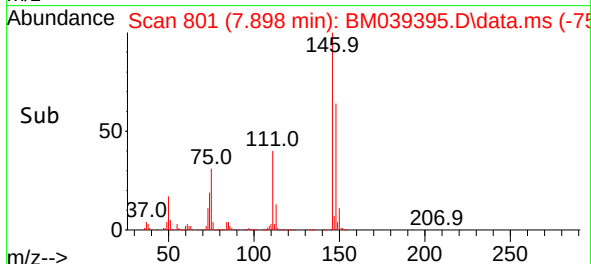
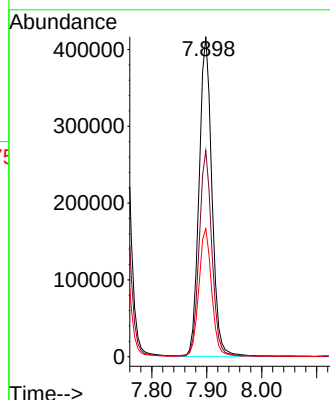
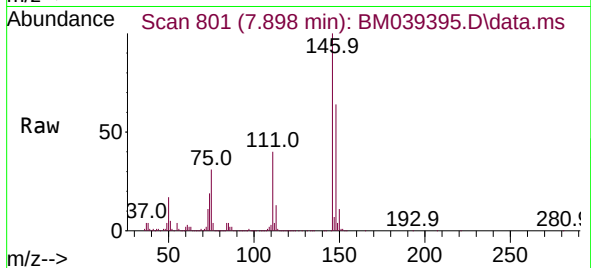
Manual Integrations
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Reviewed By :Christian
Giraldo

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Supervised By :Jagrut
Upadhyay

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#14

1,2-Dichlorobenzene

Concen: 42.704 ng

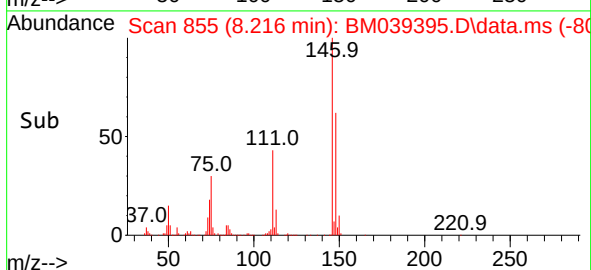
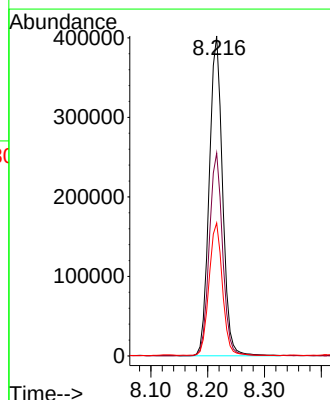
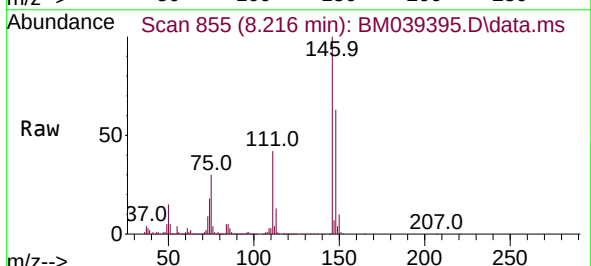
RT: 8.216 min Scan# 855

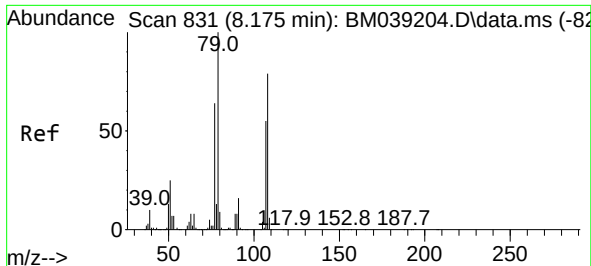
Delta R.T. -0.000 min

Lab File: BM039395.D

Acq: 11 Apr 2023 16:05

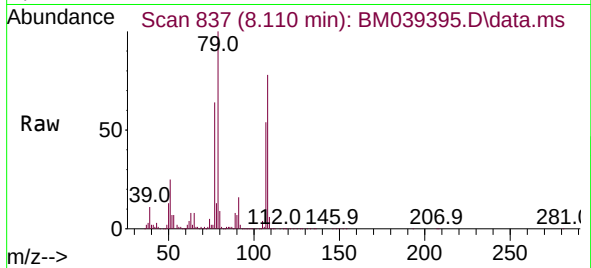
Tgt Ion:	146	Resp:	650381
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.1	78.1
111	41.5	34.5	51.7





#15
Benzyl Alcohol
Concen: 39.157 ng
RT: 8.110 min Scan# 811
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



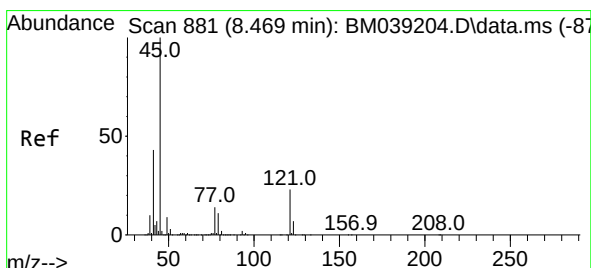
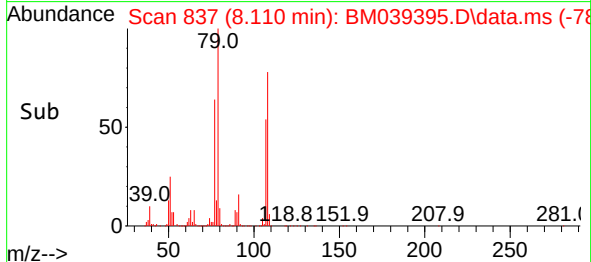
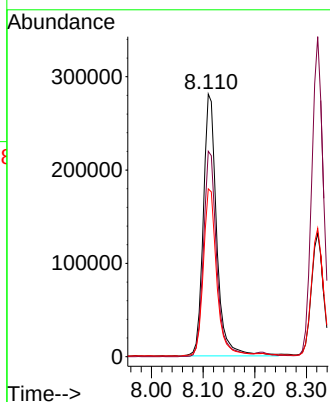
Tgt Ion: 79 Resp: 50551
Ion Ratio Lower Upper
79 100
108 78.2 63.4 95.0
77 63.9 51.5 77.3

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Reviewed By :Christian
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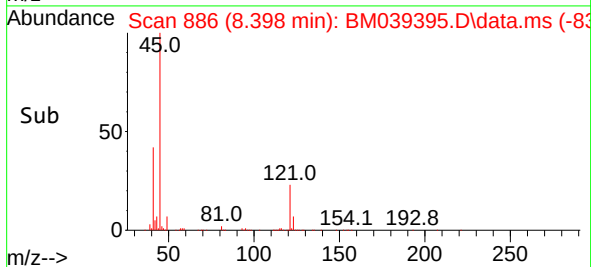
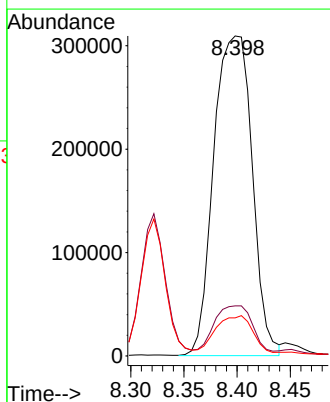
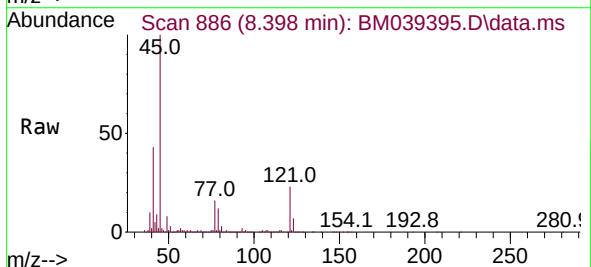
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Supervised By :Jagrut
Upadhyay

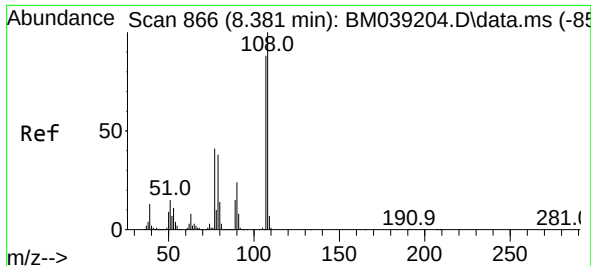
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.240 ng m
RT: 8.398 min Scan# 886
Delta R.T. -0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

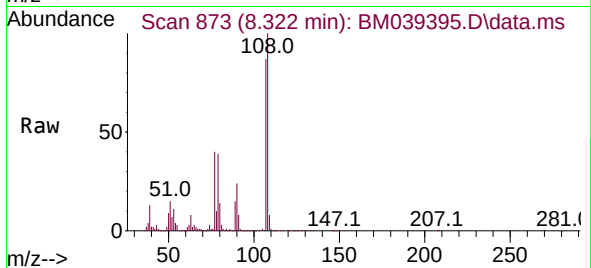
Tgt Ion: 45 Resp: 778859
Ion Ratio Lower Upper
45 100
77 15.7 0.0 35.1
79 11.9 0.0 32.2





#17
2-Methylphenol
Concen: 36.579 ng
RT: 8.322 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



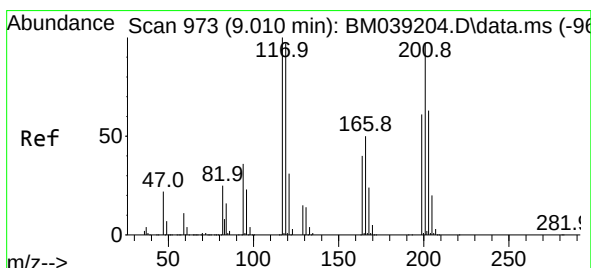
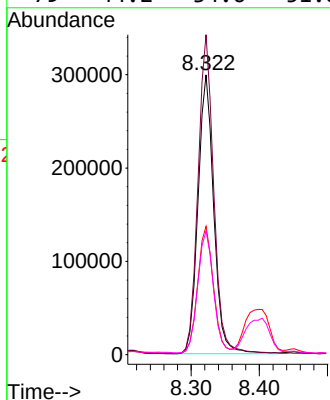
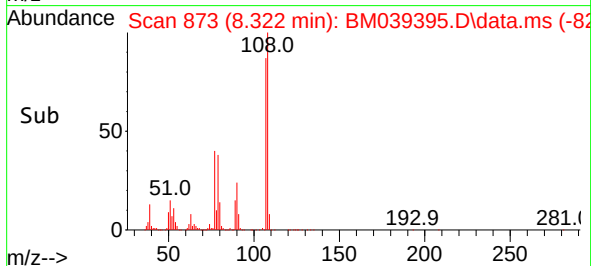
Tgt Ion:107 Resp: 481390
Ion Ratio Lower Upper
107 100
108 114.3 90.6 136.0
77 45.9 37.0 55.4
79 44.2 34.6 51.8

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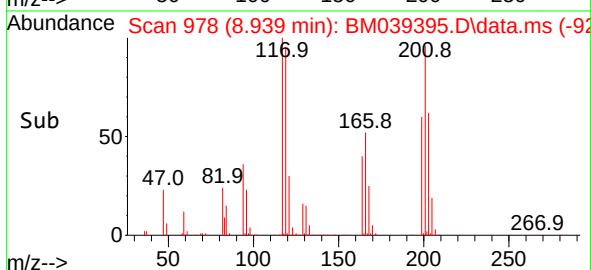
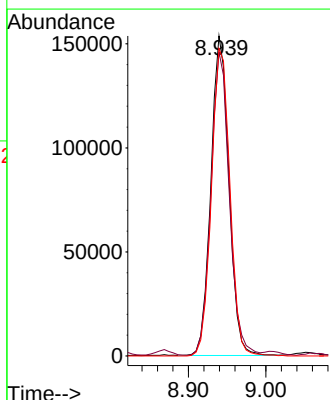
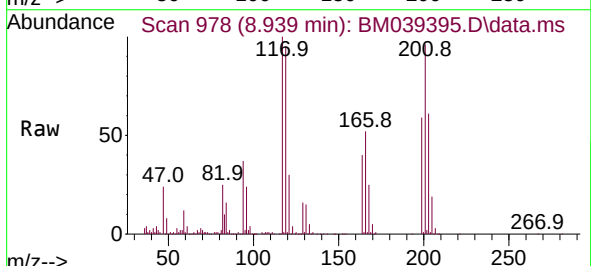
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Upadhyay

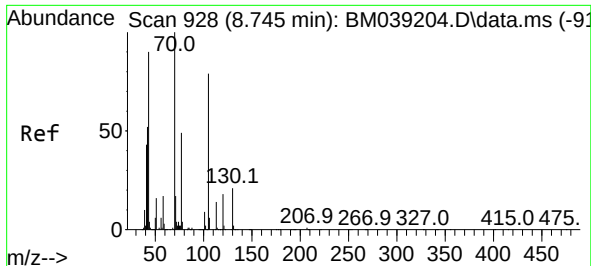
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#18
Hexachloroethane
Concen: 40.477 ng
RT: 8.939 min Scan# 978
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

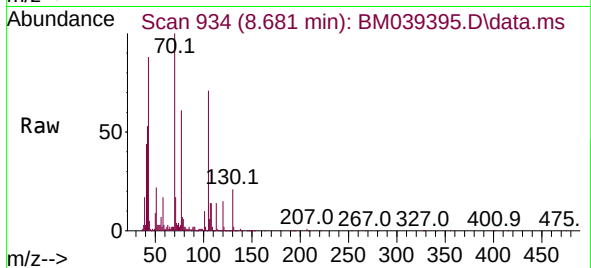
Tgt Ion:117 Resp: 249382
Ion Ratio Lower Upper
117 100
119 95.0 77.8 116.8
201 96.0 77.3 115.9





#19
n-Nitroso-di-n-propylamine
Concen: 36.693 ng
RT: 8.681 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



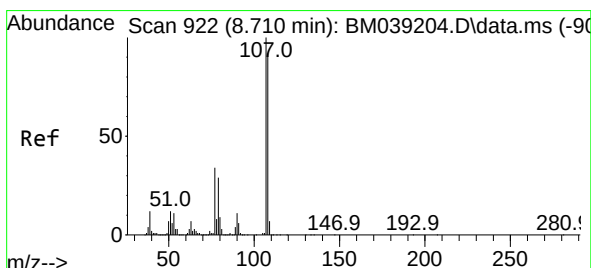
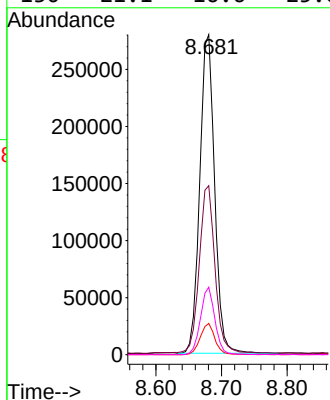
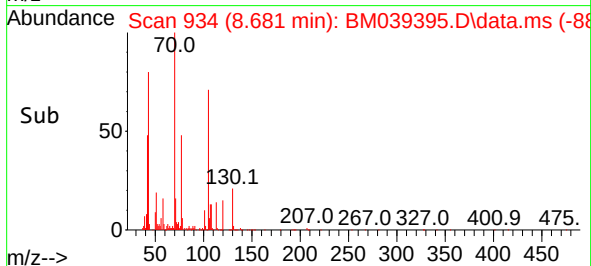
Tgt Ion: 70 Resp: 440260
Ion Ratio Lower Upper
70 100
42 52.8 42.2 63.2
101 9.7 7.6 11.4
130 21.1 16.6 25.0

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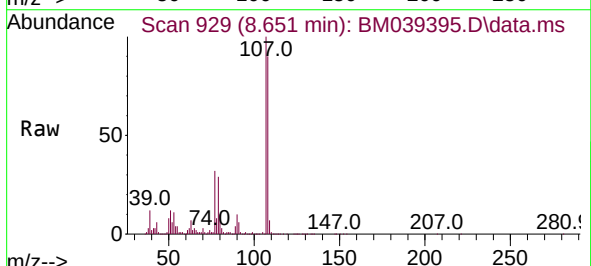
Reviewed By :Christian
Giraldo

04/12/2023
Supervised By :Jagrut
Upadhyay

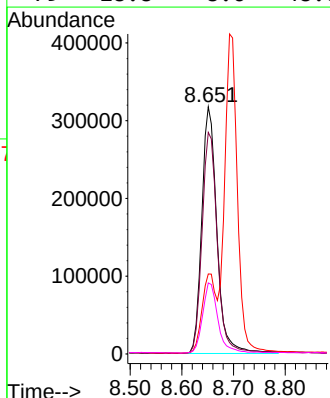
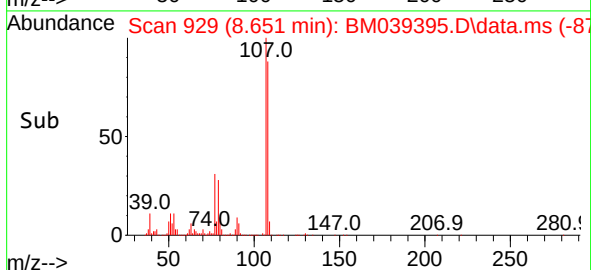
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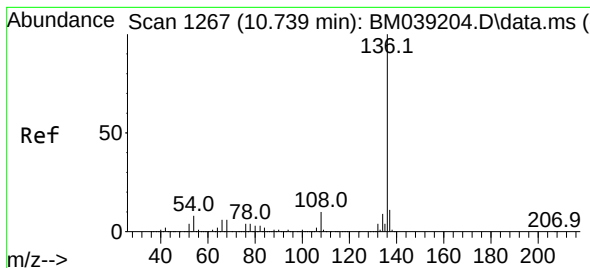


#20
3+4-Methylphenols
Concen: 36.561 ng
RT: 8.651 min Scan# 929
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05



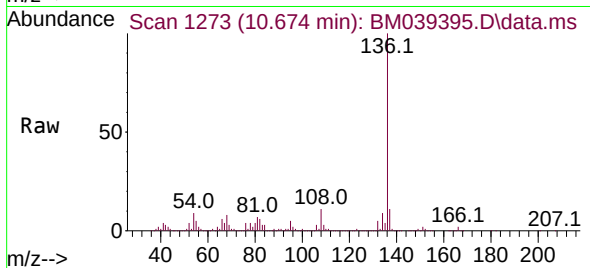
Tgt Ion:107 Resp: 646538
Ion Ratio Lower Upper
107 100
108 89.7 72.1 112.1
77 32.4 13.7 53.7
79 28.8 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.674 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



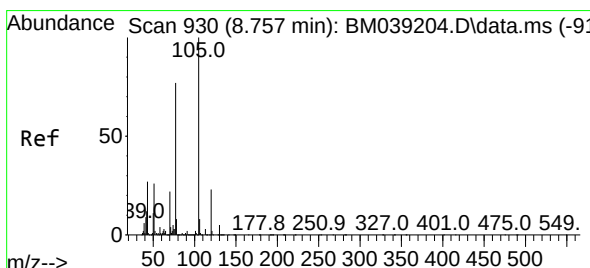
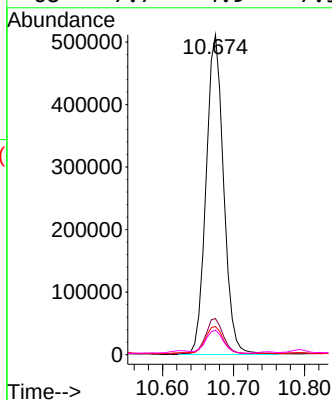
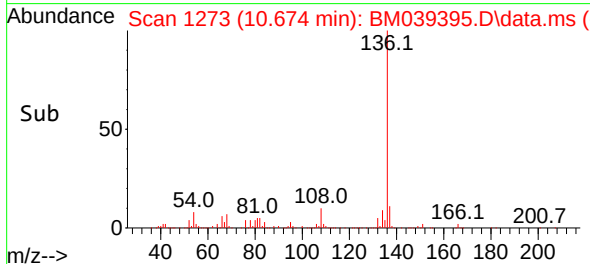
Tgt Ion:136 Resp: 87854
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.8 6.2 9.4
68 7.7 4.9 7.3#

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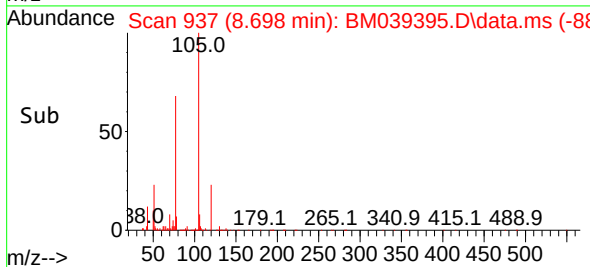
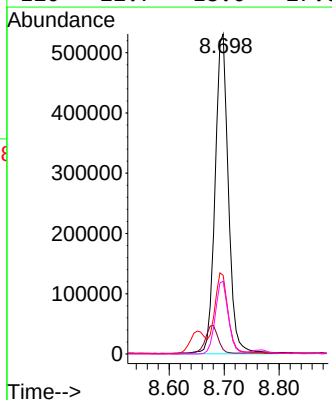
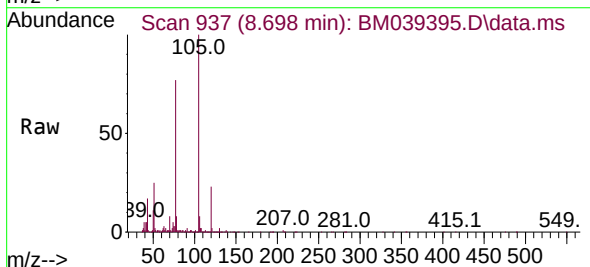
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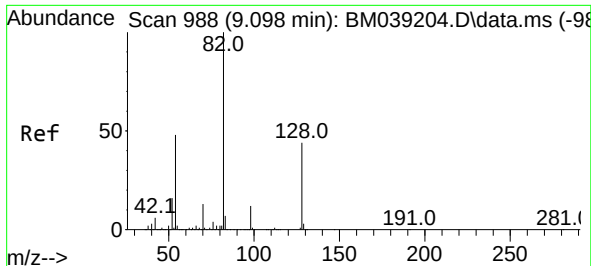
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#22
Acetophenone
Concen: 38.116 ng
RT: 8.698 min Scan# 937
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Tgt Ion:105 Resp: 895334
Ion Ratio Lower Upper
105 100
71 1.4 2.8 4.2#
51 24.5 20.6 31.0
120 22.7 18.0 27.0





#23

Nitrobenzene-d5

Concen: 40.327 ng

RT: 9.033 min Scan# 90

Delta R.T. -0.000 min

Lab File: BM039395.D

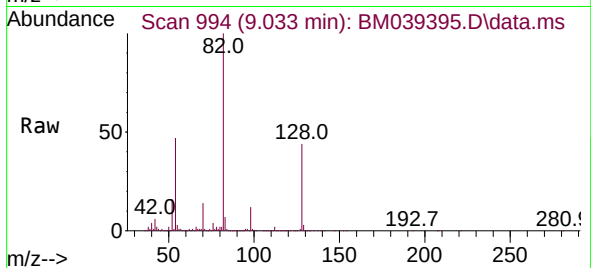
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 82 Resp: 728949

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.1	52.7
54	47.5	38.5	57.7

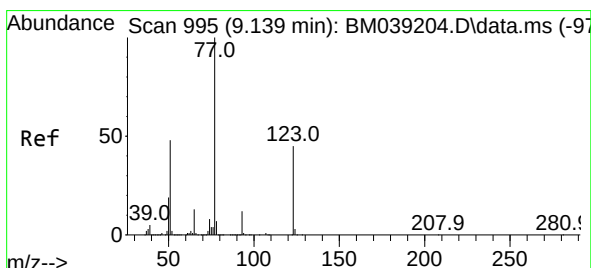
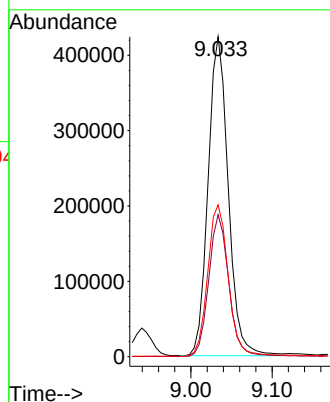
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Upadhyay

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#24

Nitrobenzene

Concen: 35.800 ng

RT: 9.075 min Scan# 1001

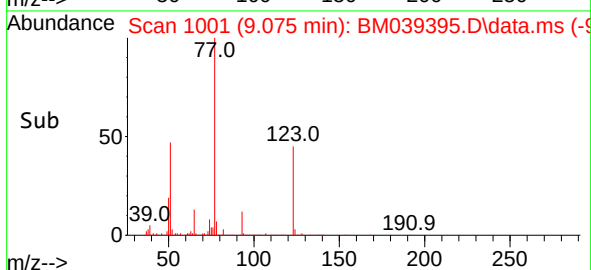
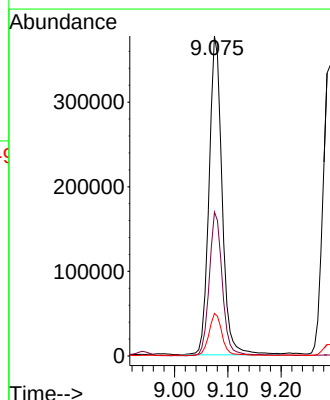
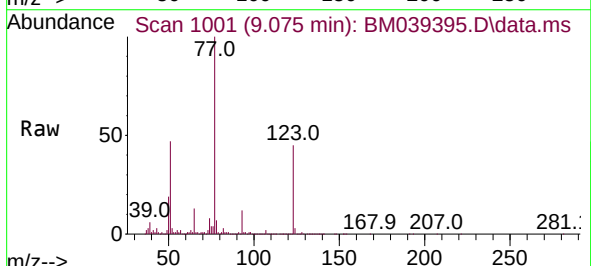
Delta R.T. -0.000 min

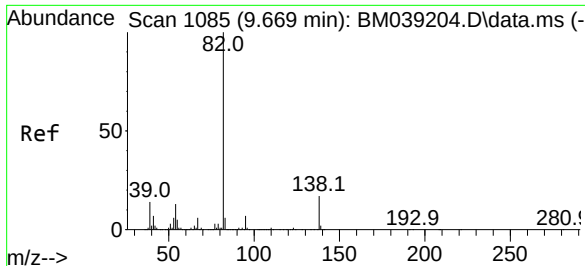
Lab File: BM039395.D

Acq: 11 Apr 2023 16:05

Tgt Ion: 77 Resp: 643668

Ion	Ratio	Lower	Upper
77	100		
123	45.0	36.2	54.2
65	13.3	10.6	15.8





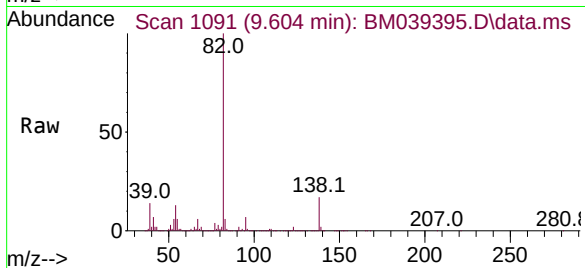
#25
Isophorone
Concen: 36.861 ng
RT: 9.604 min Scan# 1085
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD



Tgt Ion: 82 Resp: 1243010
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 17.0 13.5 20.3

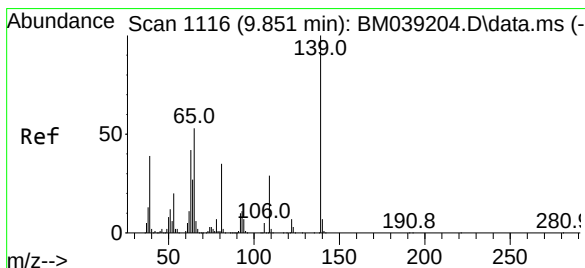
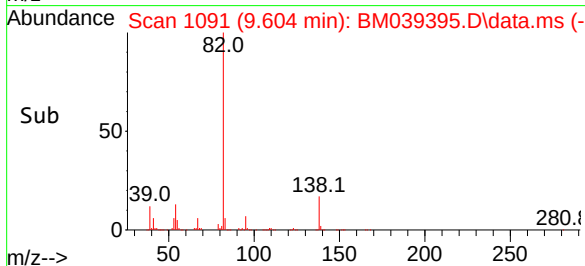
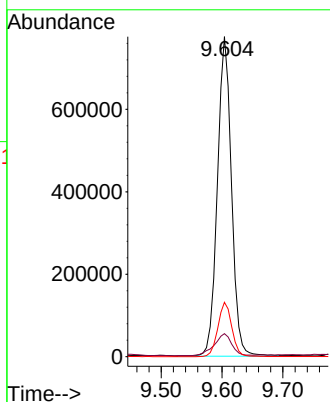
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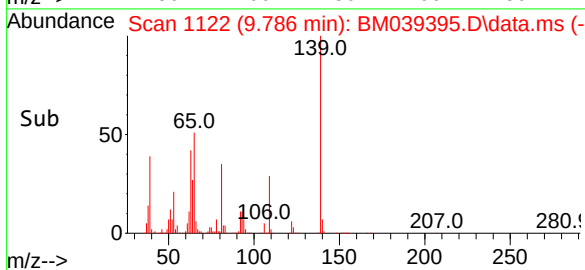
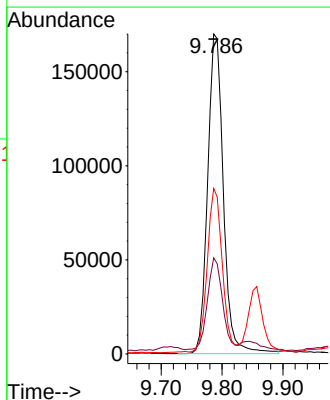
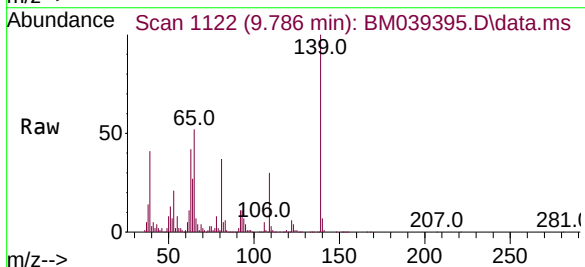
Supervised By :Jagrut
Upadhyay

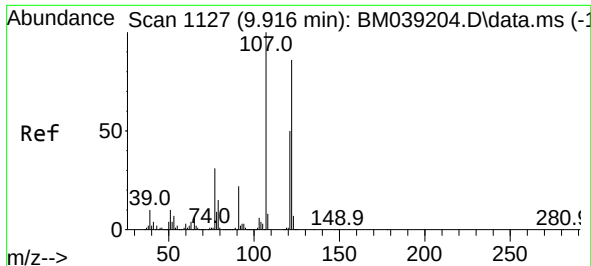
04/12/2023



#26
2-Nitrophenol
Concen: 36.639 ng
RT: 9.786 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Tgt Ion:139 Resp: 304519
Ion Ratio Lower Upper
139 100
109 30.0 23.4 35.0
65 51.7 42.2 63.2





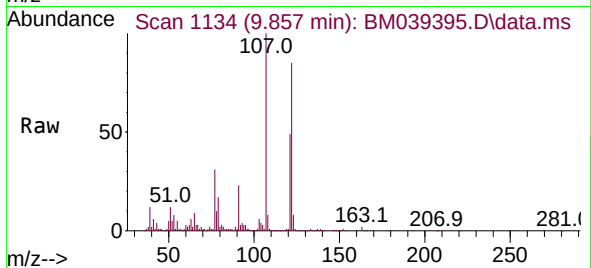
#27
2,4-Dimethylphenol
Concen: 38.415 ng
RT: 9.857 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD



Tgt Ion:122 Resp: 53047
Ion Ratio Lower Upper
122 100
107 117.3 92.3 138.5
121 57.9 46.3 69.5

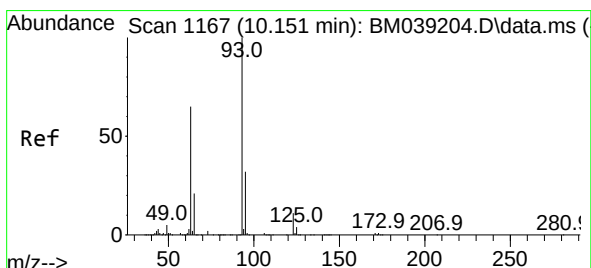
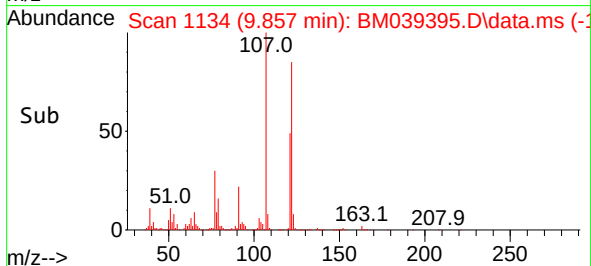
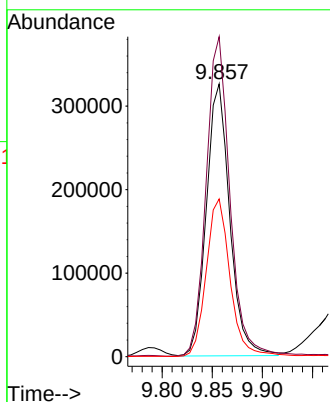
Manual Integrations
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Reviewed By :Christian
Giraldo

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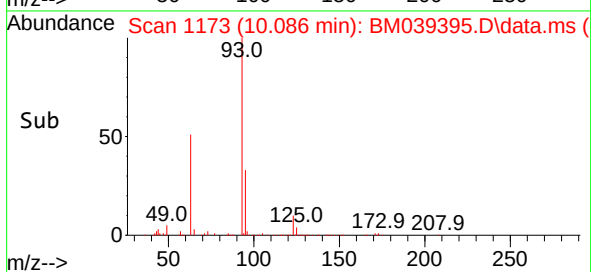
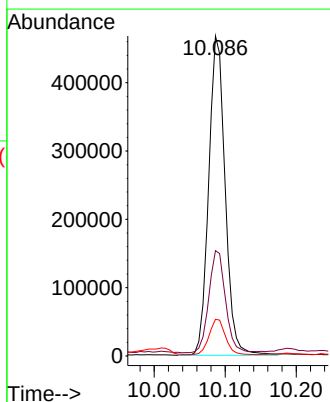
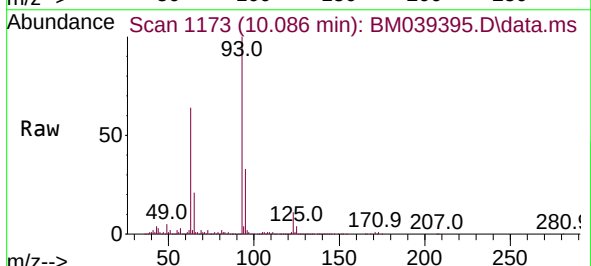
Supervised By :Jagrut
Upadhyay

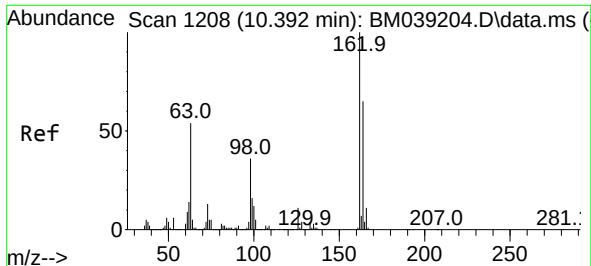
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#28
bis(2-Chloroethoxy)methane
Concen: 36.934 ng
RT: 10.086 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Tgt Ion: 93 Resp: 753953
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.8
123 11.4 9.1 13.7





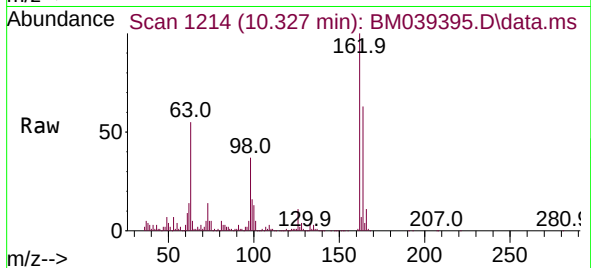
#29
2,4-Dichlorophenol
Concen: 39.408 ng
RT: 10.327 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD



Tgt Ion:162 Resp: 530960
Ion Ratio Lower Upper
162 100
164 63.1 44.8 84.8
98 37.1 16.0 56.0

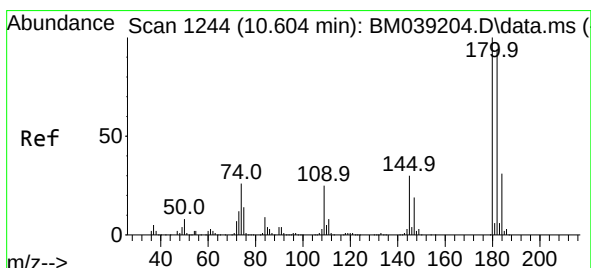
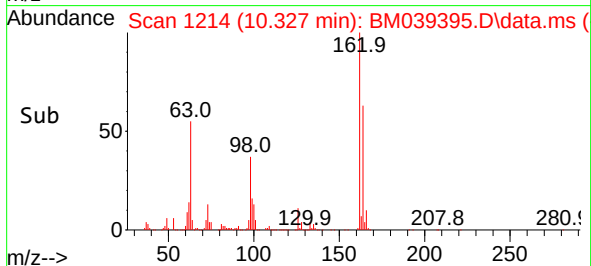
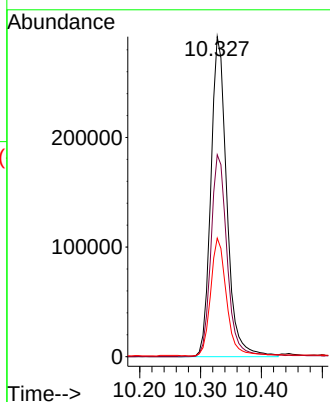
Manual Integrations
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Reviewed By :Christian
Giraldo

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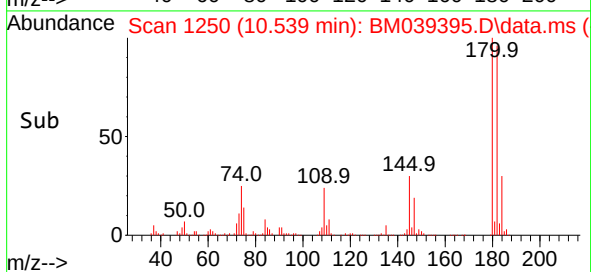
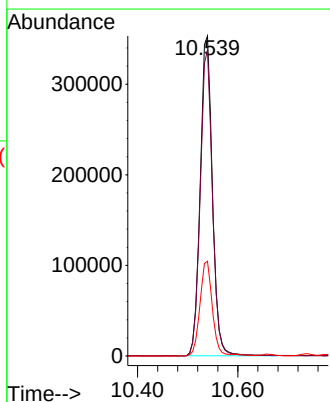
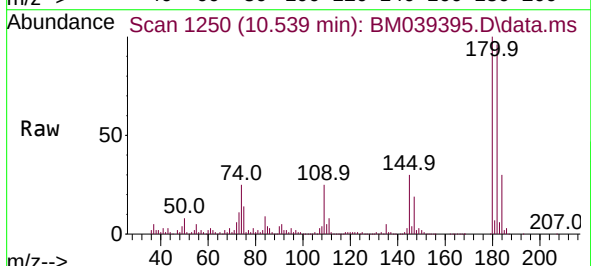
Supervised By :Jagrut
Upadhyay

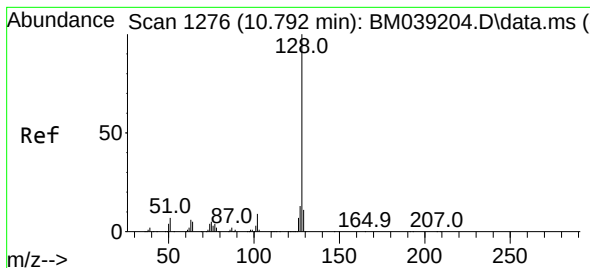
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#30
1,2,4-Trichlorobenzene
Concen: 41.401 ng
RT: 10.539 min Scan# 1250
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

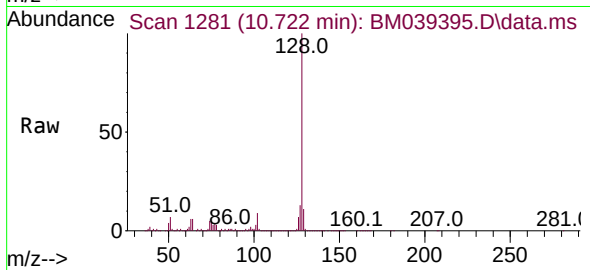
Tgt Ion:180 Resp: 596769
Ion Ratio Lower Upper
180 100
182 95.6 75.2 112.8
145 29.6 23.9 35.9





#31
Naphthalene
Concen: 39.217 ng
RT: 10.722 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



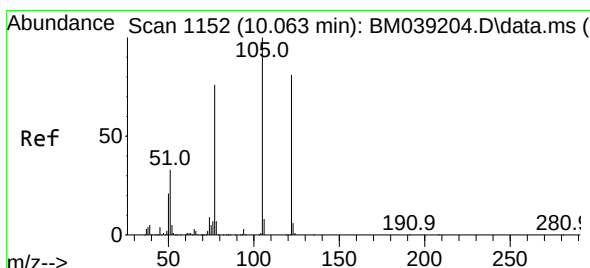
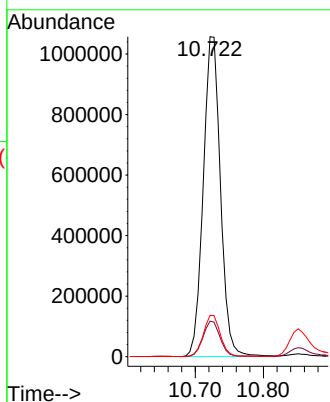
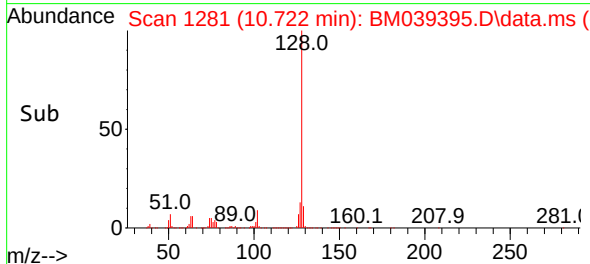
Tgt Ion:128 Resp: 185649
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.9 10.3 15.5

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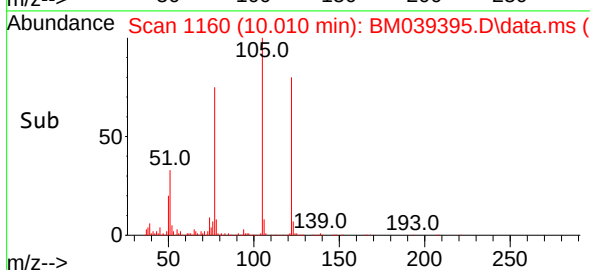
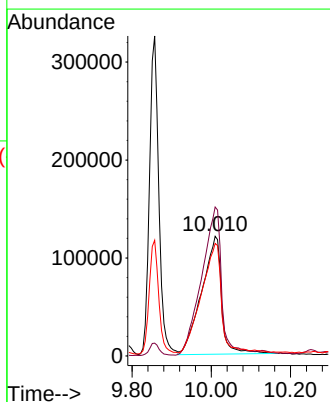
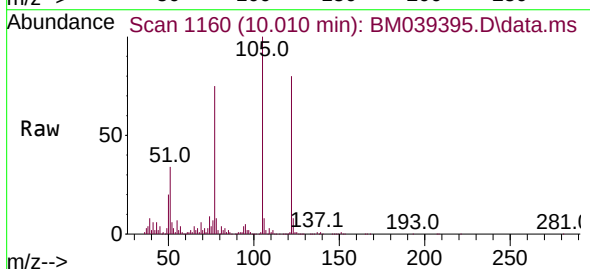
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Supervised By :Jagrut
Upadhyay

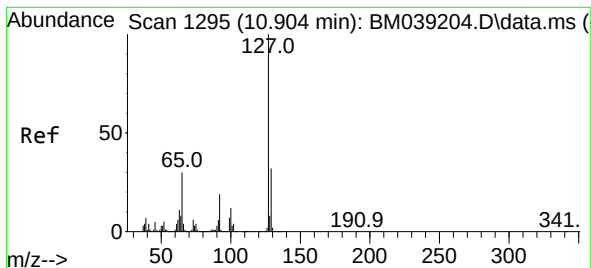
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#32
Benzoic acid
Concen: 39.123 ng
RT: 10.010 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Tgt Ion:122 Resp: 421086
Ion Ratio Lower Upper
122 100
105 124.5 103.1 143.1
77 94.0 74.6 114.6





#33
4-Chloroaniline
Concen: 10.451 ng
RT: 10.851 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD

Tgt Ion:127 Resp: 216744
Ion Ratio Lower Upper
127 100
129 32.2 25.7 38.5
65 32.1 24.1 36.1
92 19.4 15.3 22.9

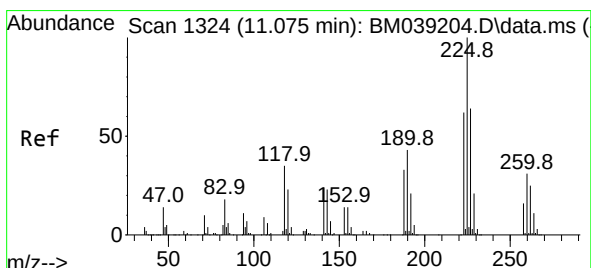
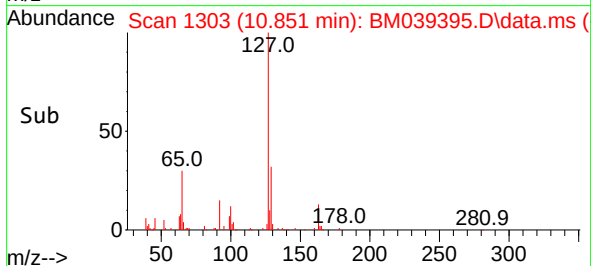
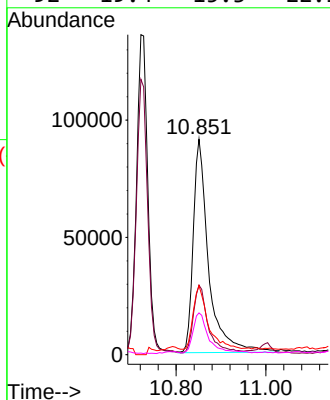
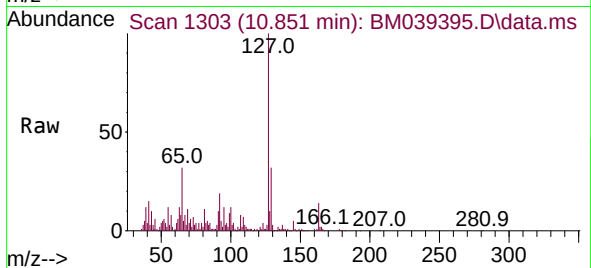
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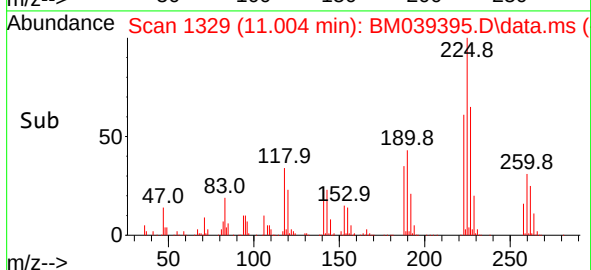
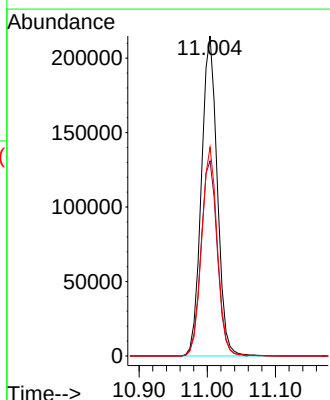
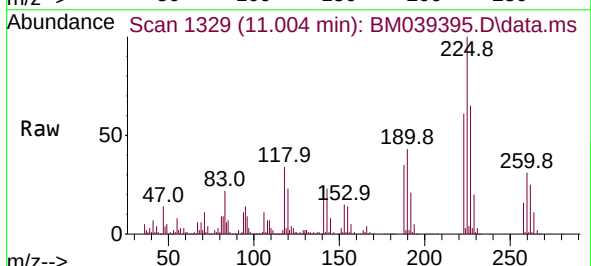
Supervised By :Jagrut
Upadhyay

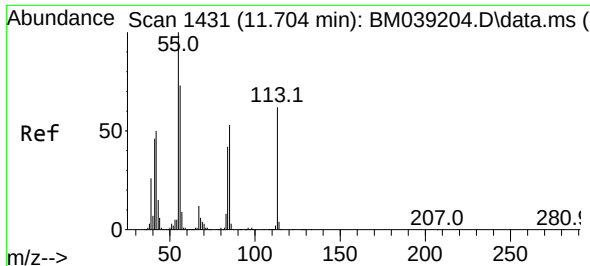
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#34
Hexachlorobutadiene
Concen: 40.903 ng
RT: 11.004 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

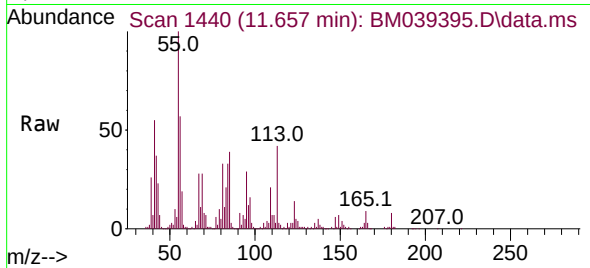
Tgt Ion:225 Resp: 346686
Ion Ratio Lower Upper
225 100
223 60.9 49.8 74.6
227 65.2 51.6 77.4





#35
Caprolactam
Concen: 39.091 ng
RT: 11.657 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



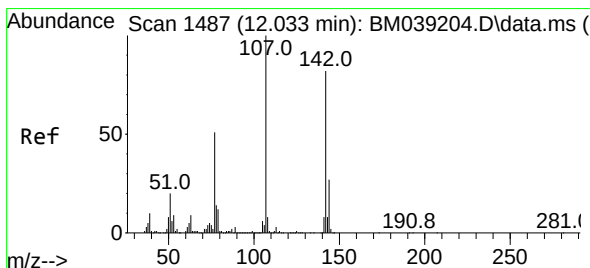
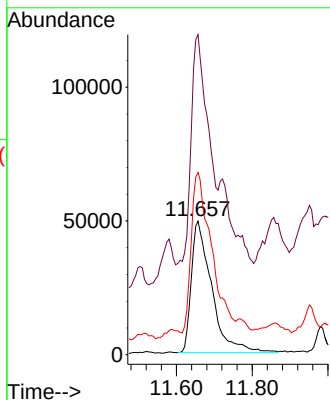
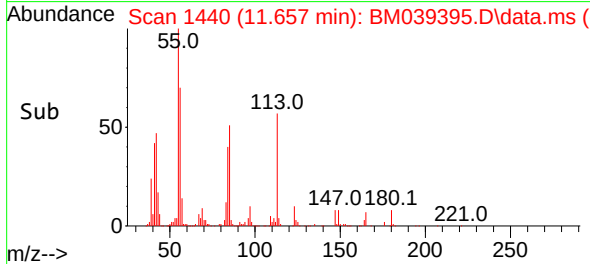
Tgt Ion:113 Resp: 182870
Ion Ratio Lower Upper
113 100
55 239.8 141.8 181.8
56 136.6 98.3 138.3

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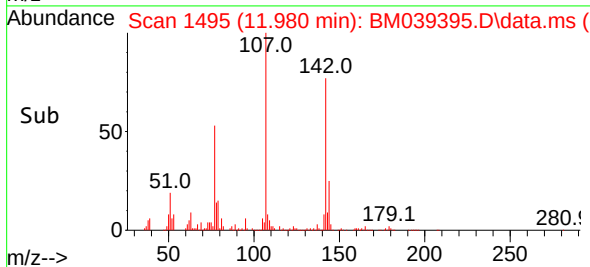
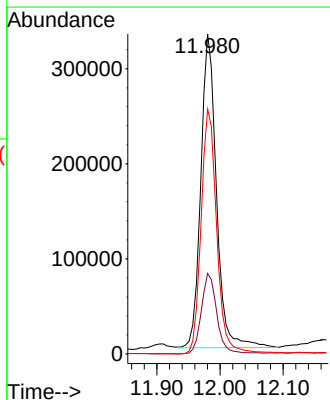
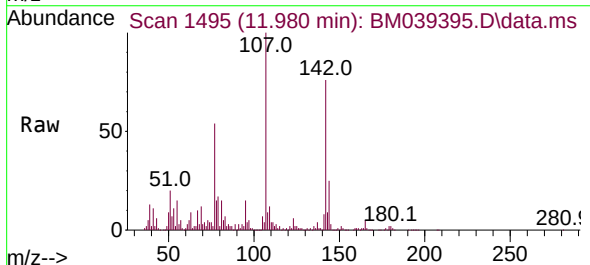
04/12/2023
Supervised By :Jagrut
Upadhyay

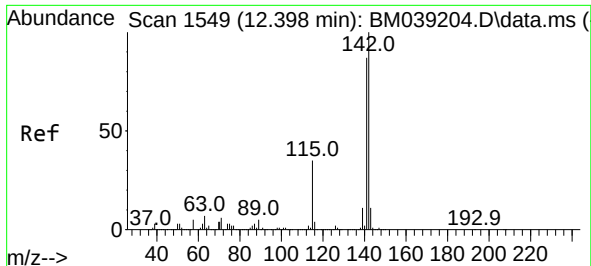
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#36
4-Chloro-3-methylphenol
Concen: 38.114 ng
RT: 11.980 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

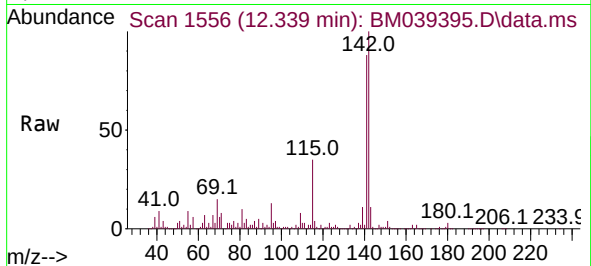
Tgt Ion:107 Resp: 566586
Ion Ratio Lower Upper
107 100
144 25.2 21.4 32.2
142 76.5 65.2 97.8





#37
2-Methylnaphthalene
Concen: 37.203 ng
RT: 12.339 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



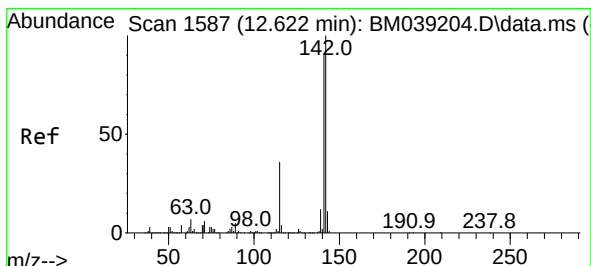
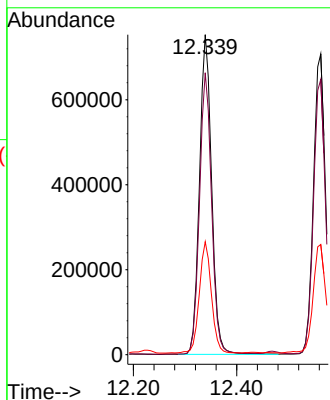
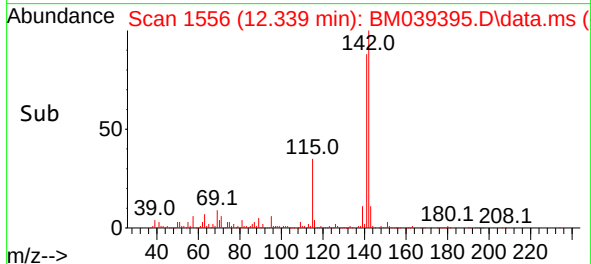
Tgt Ion:142 Resp: 1226038
Ion Ratio Lower Upper
142 100
141 88.1 69.8 104.8
115 35.3 27.8 41.8

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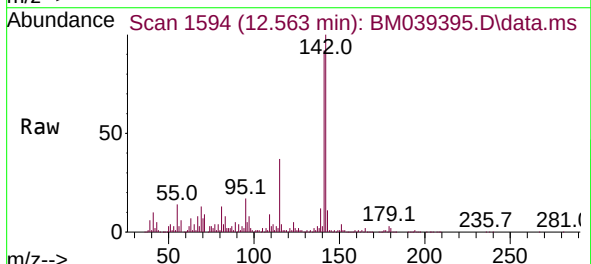
Reviewed By :Christian
Giraldo

04/12/2023
Supervised By :Jagrut
Upadhyay

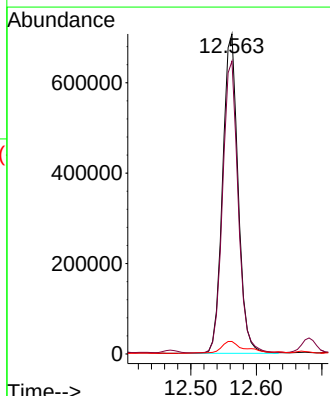
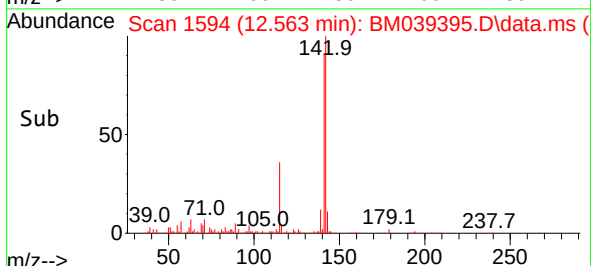
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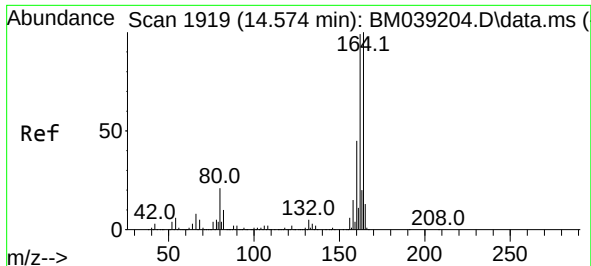


#38
1-Methylnaphthalene
Concen: 37.414 ng
RT: 12.563 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05



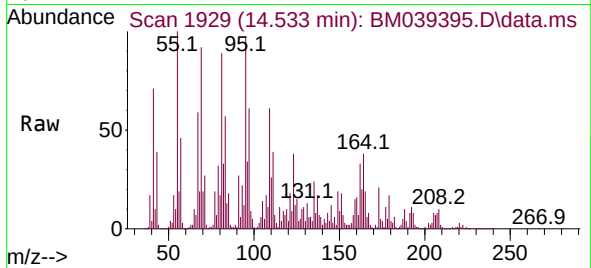
Tgt Ion:142 Resp: 1154490
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8
116 3.9 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1919
Delta R.T. 0.018 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



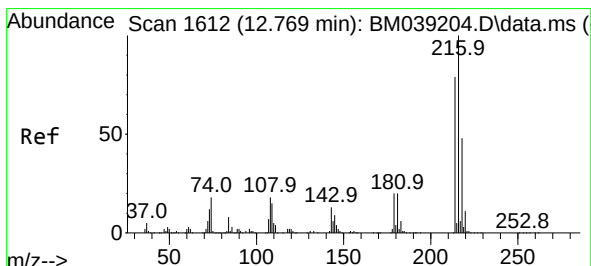
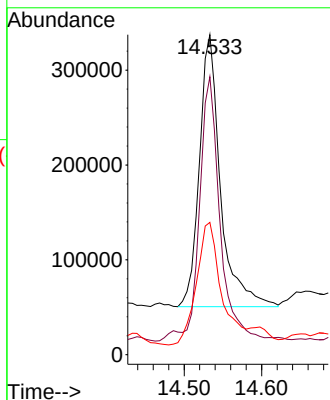
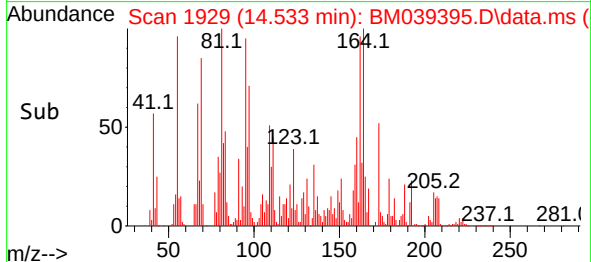
Tgt Ion:164 Resp: 543158
Ion Ratio Lower Upper
164 100
162 86.8 79.1 118.7
160 41.4 35.8 53.8

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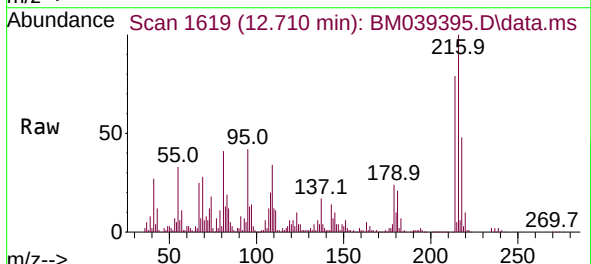
Reviewed By :Christian
Giraldo

04/12/2023
Supervised By :Jagrut
Upadhyay

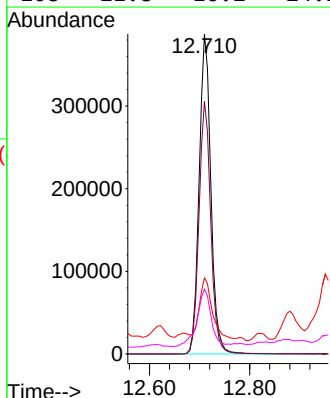
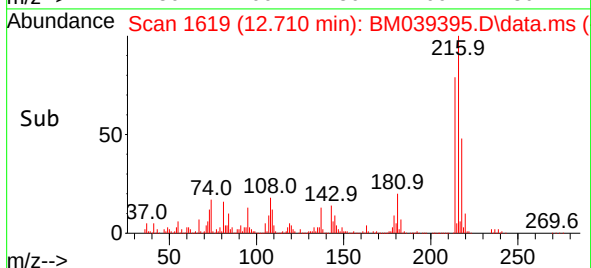
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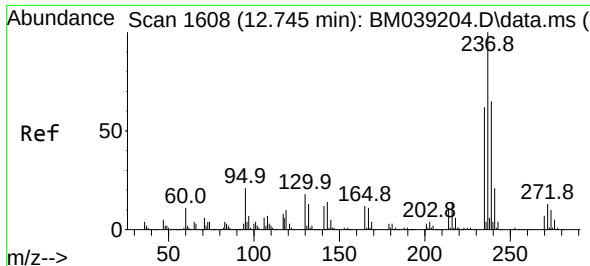


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.968 ng
RT: 12.710 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05



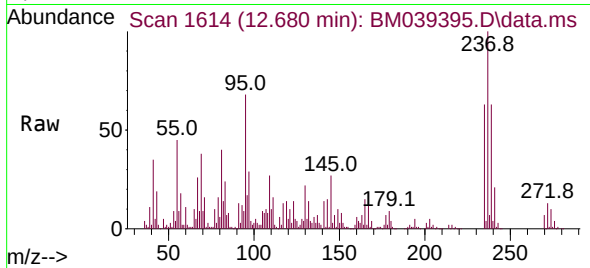
Tgt Ion:216 Resp: 627889
Ion Ratio Lower Upper
216 100
214 79.3 62.8 94.2
179 21.1 16.8 25.2
108 21.8 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 43.111 ng
RT: 12.680 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



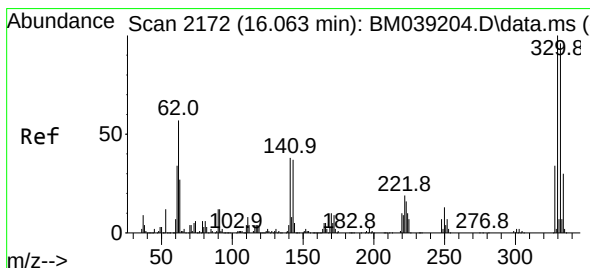
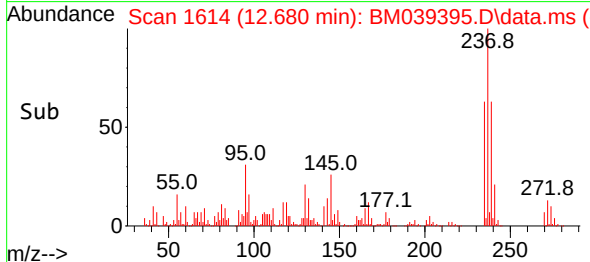
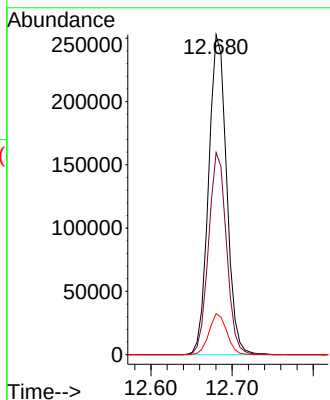
Tgt Ion: 237 Resp: 389484
Ion Ratio Lower Upper
237 100
235 63.1 41.6 81.6
272 12.9 0.0 33.2

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Reviewed By : Christian
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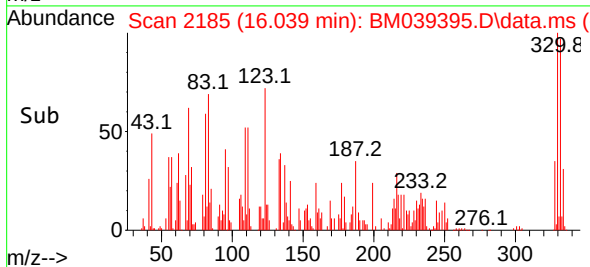
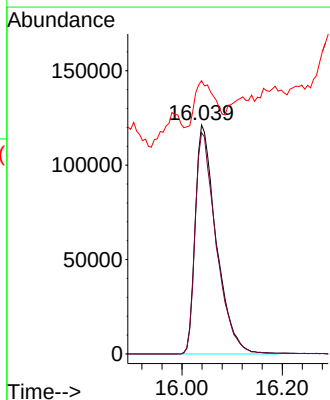
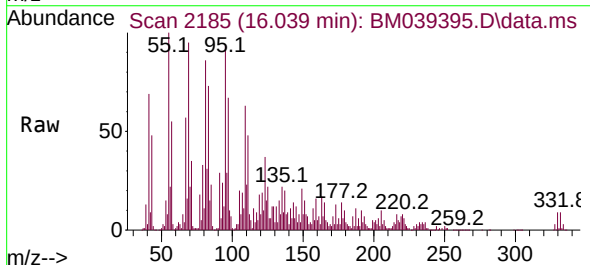
04/12/2023
Supervised By : Jagrut
Upadhyay

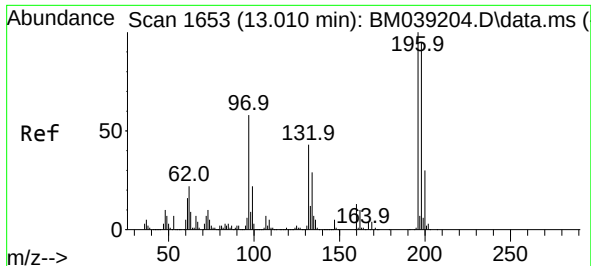
04/12/2023



#42
2,4,6-Tribromophenol
Concen: 51.224 ng
RT: 16.039 min Scan# 2185
Delta R.T. 0.023 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

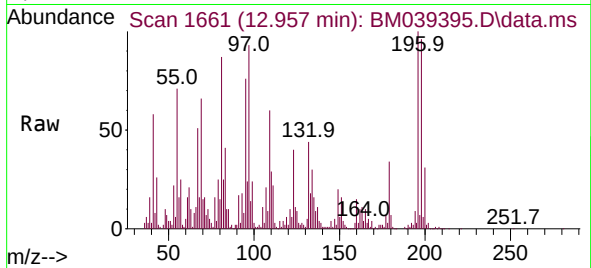
Tgt Ion: 330 Resp: 353185
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 18.9 29.8 44.6#





#43
2,4,6-Trichlorophenol
Concen: 38.404 ng
RT: 12.957 min Scan# 1661
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



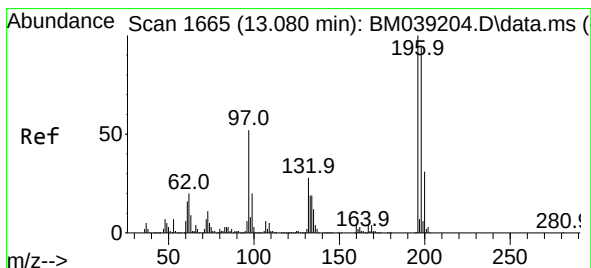
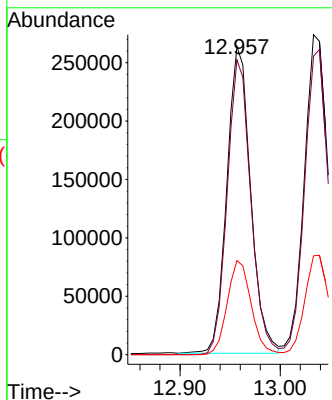
Tgt Ion:196 Resp: 433119
Ion Ratio Lower Upper
196 100
198 95.7 76.2 114.2
200 30.5 24.2 36.2

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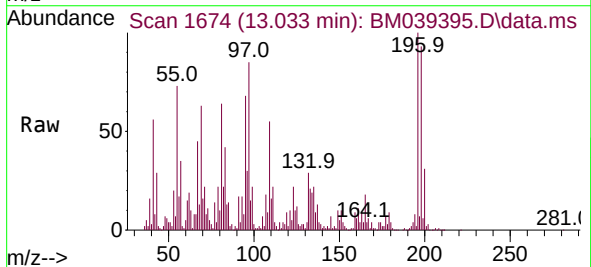
Reviewed By :Christian
Giraldo

04/12/2023
Supervised By :Jagrut
Upadhyay

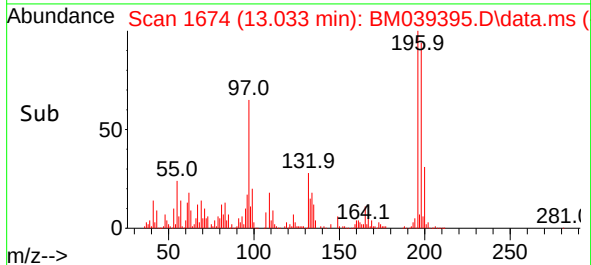
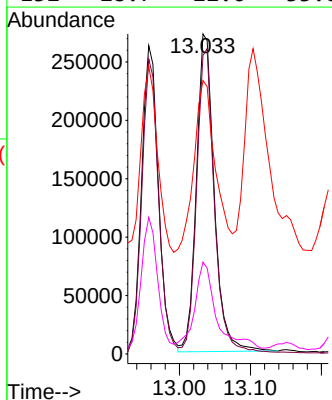
04/12/2023

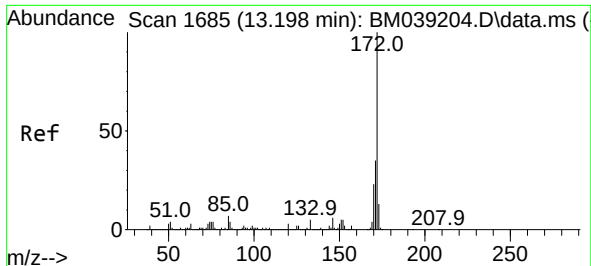


#44
2,4,5-Trichlorophenol
Concen: 36.140 ng
RT: 13.033 min Scan# 1674
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05



Tgt Ion:196 Resp: 477822
Ion Ratio Lower Upper
196 100
198 93.3 75.2 112.8
97 85.4 41.4 62.0#
132 28.7 22.6 33.8





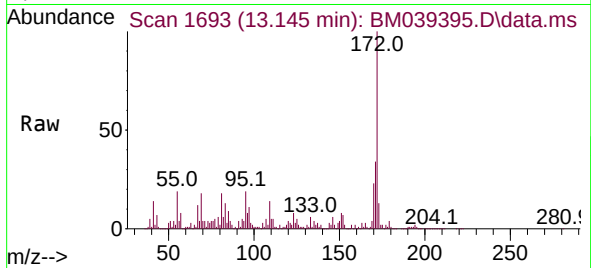
#45
2-Fluorobiphenyl
Concen: 42.351 ng
RT: 13.145 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD



Tgt Ion:172 Resp: 169778
Ion Ratio Lower Upper
172 100
171 34.3 28.0 42.0
170 23.0 18.7 28.1

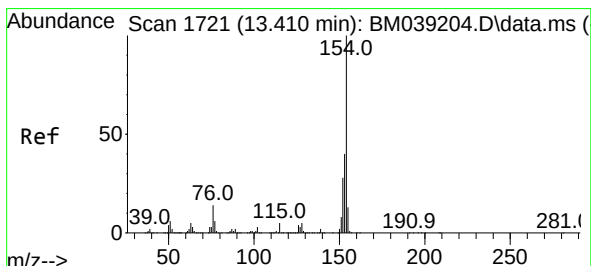
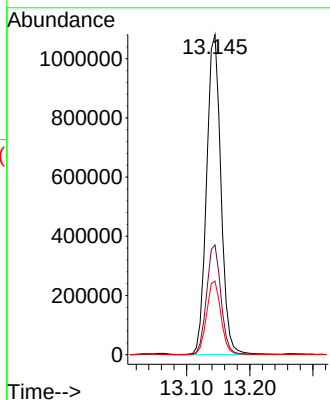
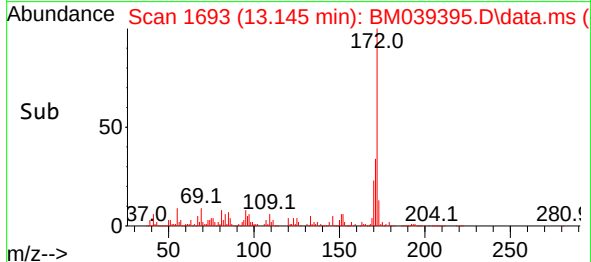
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

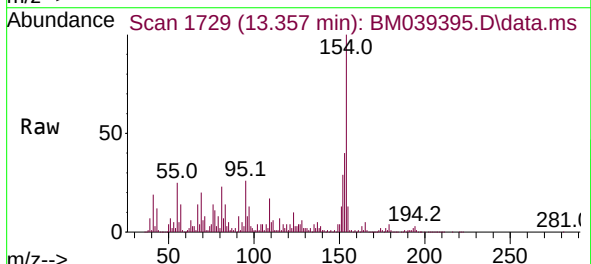
04/12/2023

Supervised By :Jagrut
Upadhyay

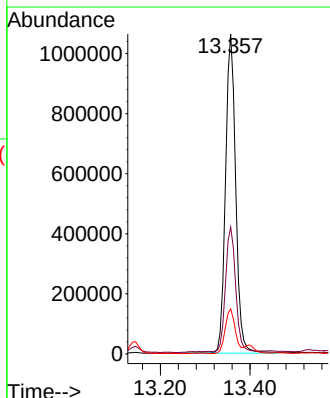
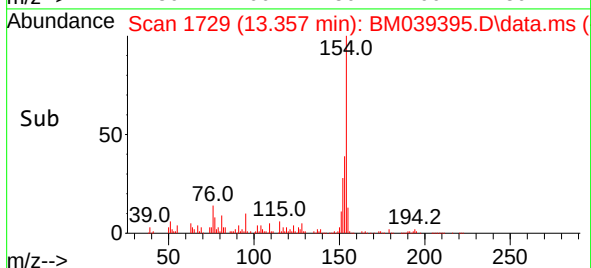
04/12/2023

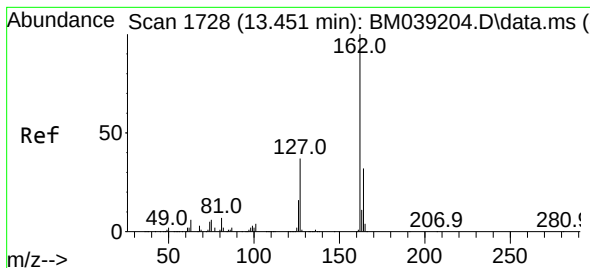


#46
1,1'-Biphenyl
Concen: 39.137 ng
RT: 13.357 min Scan# 1729
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05



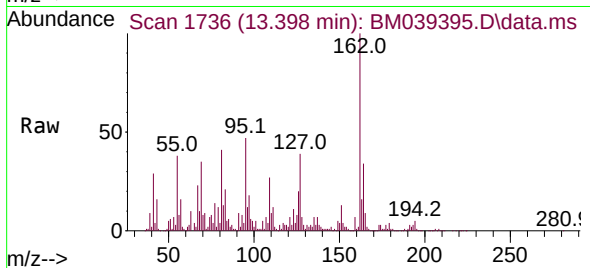
Tgt Ion:154 Resp: 1678643
Ion Ratio Lower Upper
154 100
153 39.7 19.9 59.9
76 14.1 0.0 33.5





#47
2-Chloronaphthalene
Concen: 39.469 ng
RT: 13.398 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



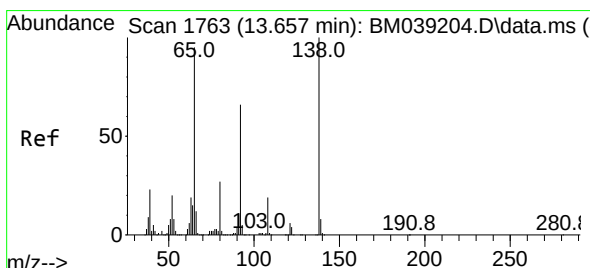
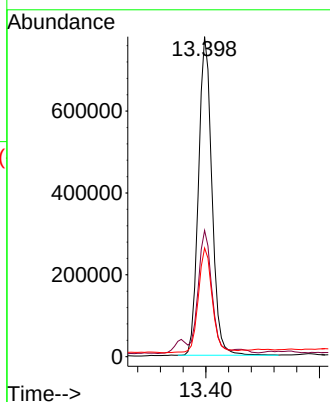
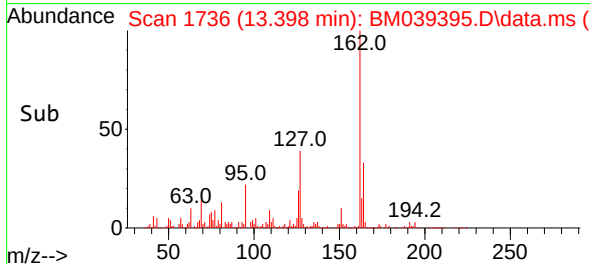
Tgt Ion:162 Resp: 1281800
Ion Ratio Lower Upper
162 100
127 39.5 31.4 47.0
164 34.0 25.7 38.5

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Reviewed By :Christian
Giraldo

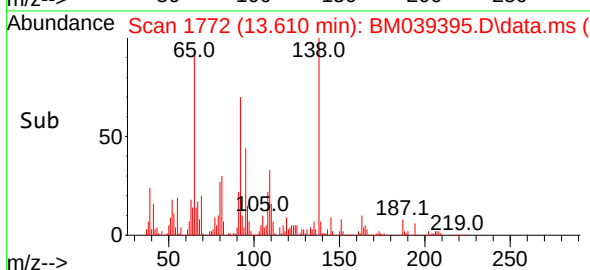
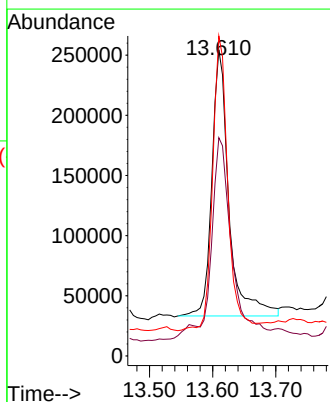
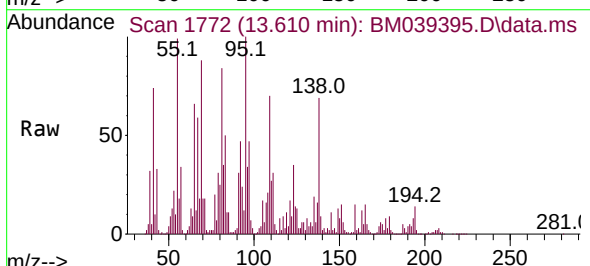
04/12/2023
Supervised By :Jagrut
Upadhyay

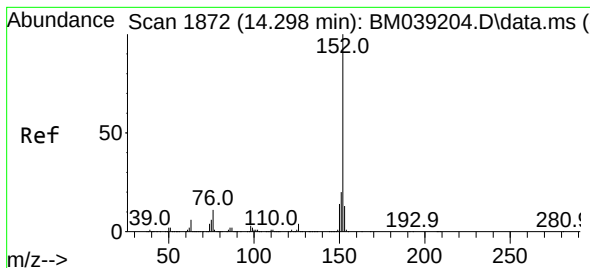
04/12/2023



#48
2-Nitroaniline
Concen: 38.015 ng
RT: 13.610 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Tgt Ion: 65 Resp: 415467
Ion Ratio Lower Upper
65 100
92 71.4 55.7 83.5
138 104.6 84.5 126.7





#49

Acenaphthylene

Concen: 35.214 ng

RT: 14.251 min Scan# 1881

Delta R.T. 0.012 min

Lab File: BM039395.D

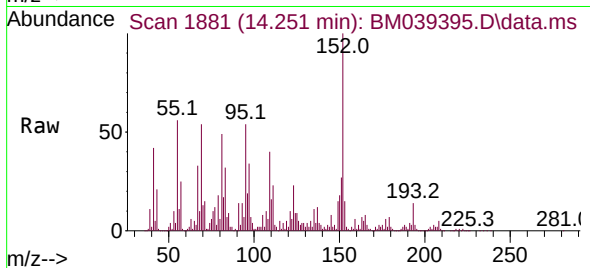
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:152 Resp: 1879618

Ion Ratio Lower Upper

152 100

151 27.0 15.7 23.5

153 14.5 10.3 15.5

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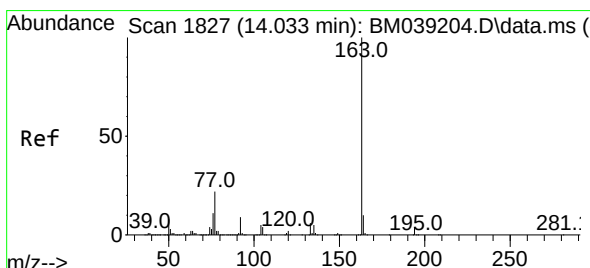
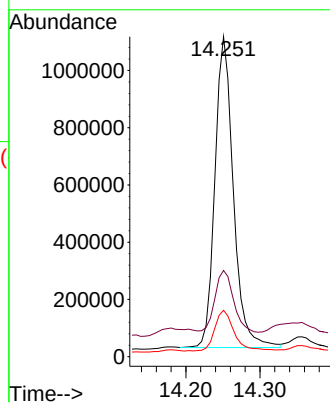
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Upadhyay

04/12/2023



#50

Dimethylphthalate

Concen: 34.771 ng

RT: 13.986 min Scan# 1836

Delta R.T. 0.006 min

Lab File: BM039395.D

Acq: 11 Apr 2023 16:05

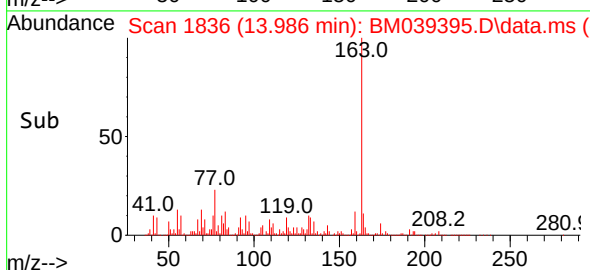
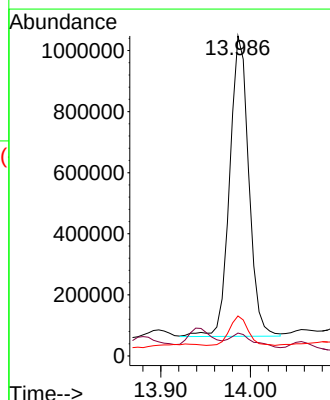
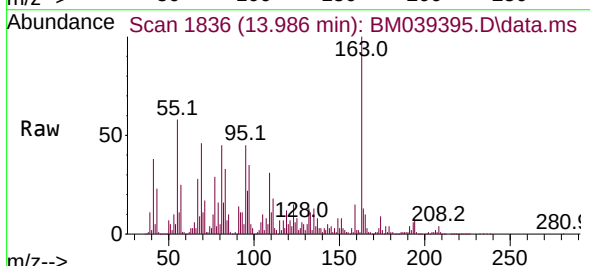
Tgt Ion:163 Resp: 1455495

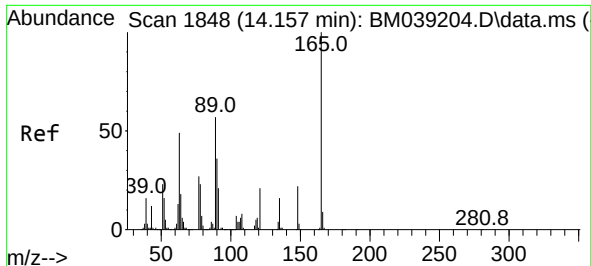
Ion Ratio Lower Upper

163 100

194 7.2 3.1 4.7#

164 12.5 8.2 12.2#





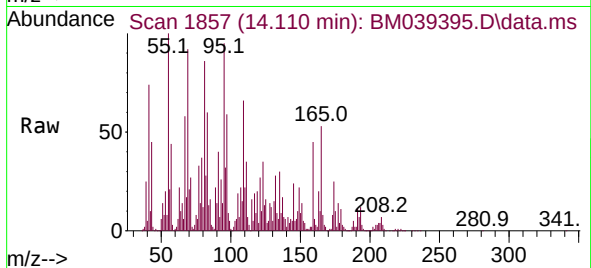
#51
2,6-Dinitrotoluene
Concen: 38.762 ng
RT: 14.110 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD



Tgt Ion:165 Resp: 348923
Ion Ratio Lower Upper
165 100
63 41.8 44.9 67.3
89 42.1 45.4 68.0

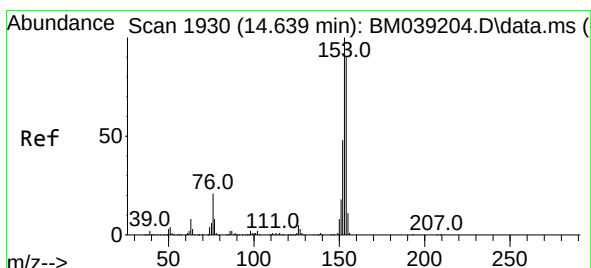
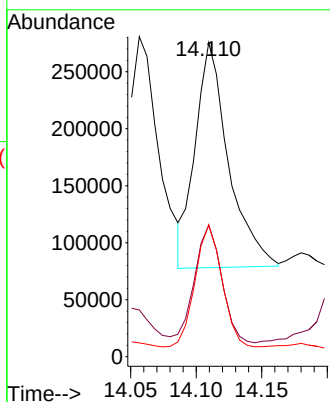
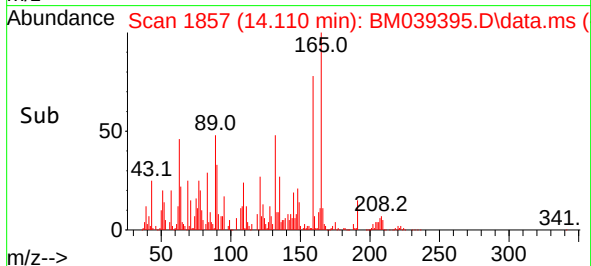
Manual Integrations
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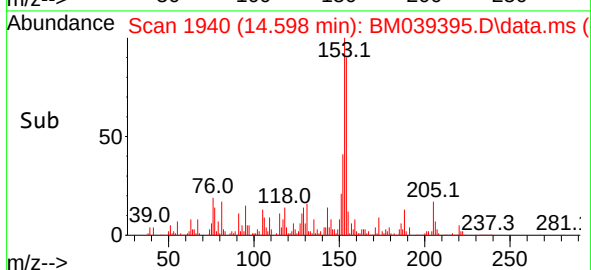
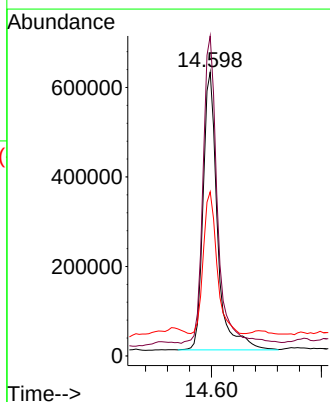
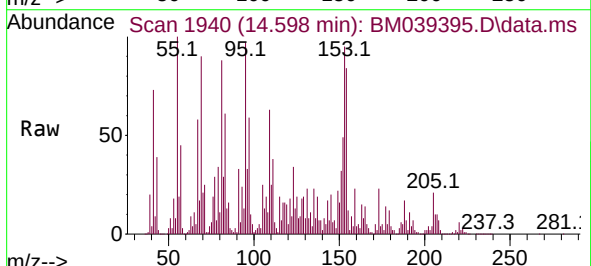
Supervised By :Jagrut
Upadhyay

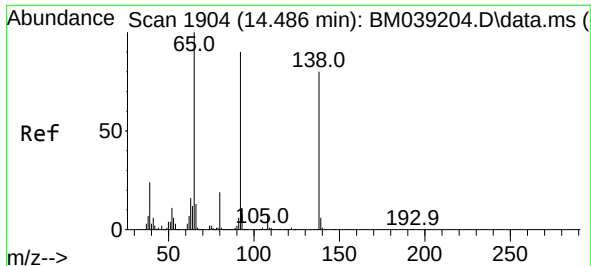
04/12/2023



#52
Acenaphthene
Concen: 35.742 ng
RT: 14.598 min Scan# 1940
Delta R.T. 0.012 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

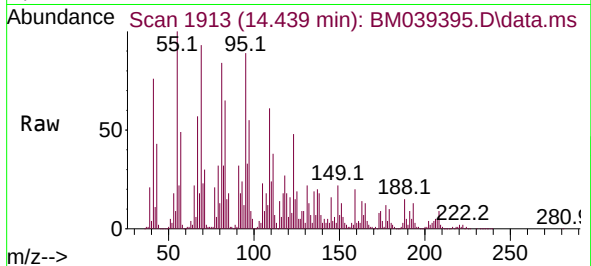
Tgt Ion:154 Resp: 1126512
Ion Ratio Lower Upper
154 100
153 112.7 89.1 133.7
152 57.8 42.6 64.0





#53
3-Nitroaniline
Concen: 19.501 ng
RT: 14.439 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



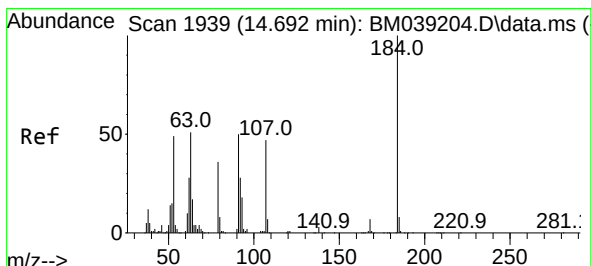
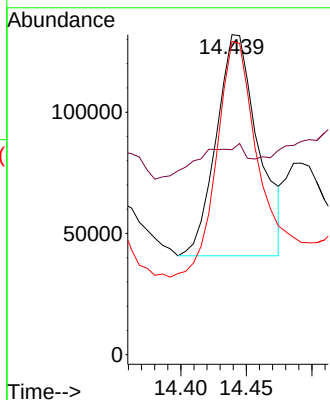
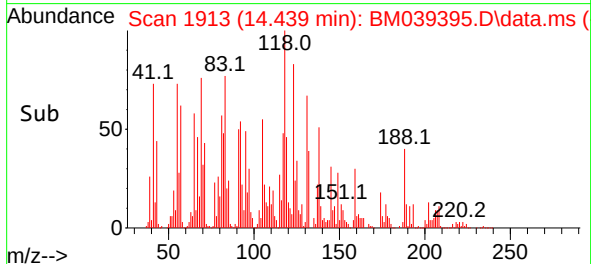
Tgt Ion:138 Resp: 202934
Ion Ratio Lower Upper
138 100
108 64.0 8.0 12.0#
92 97.9 90.8 136.2

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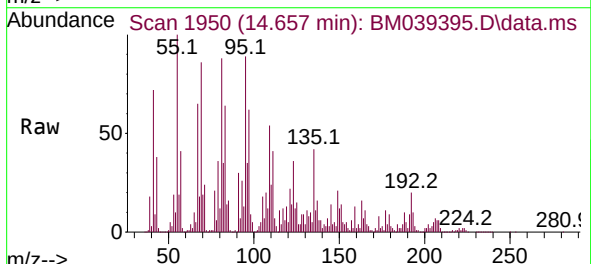
Reviewed By :Christian
Giraldo

04/12/2023
Supervised By :Jagrut
Upadhyay

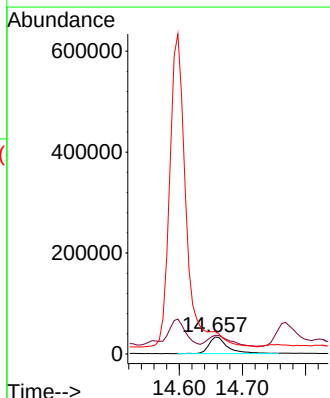
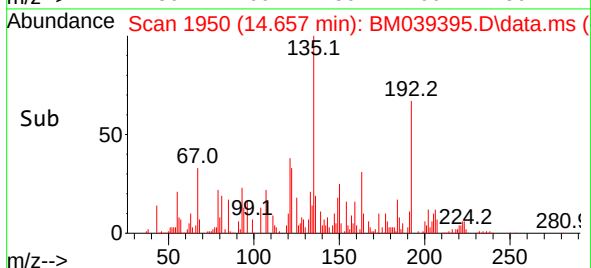
04/12/2023

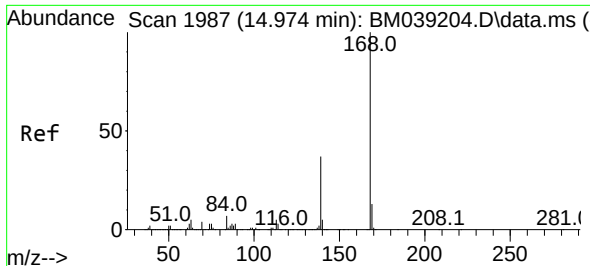


#54
2,4-Dinitrophenol
Concen: 13.059 ng
RT: 14.657 min Scan# 1950
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05



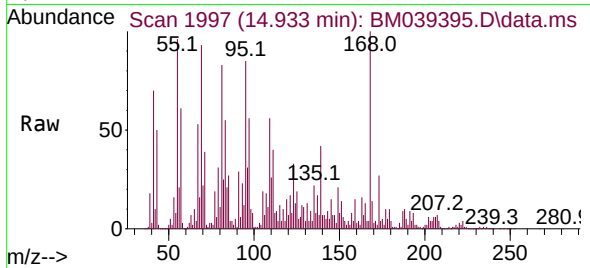
Tgt Ion:184 Resp: 69614
Ion Ratio Lower Upper
184 100
63 109.9 56.4 84.6#
154 132.2 48.7 73.1#





#55
Dibenzofuran
Concen: 33.517 ng
RT: 14.933 min Scan# 1997
Delta R.T. 0.018 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



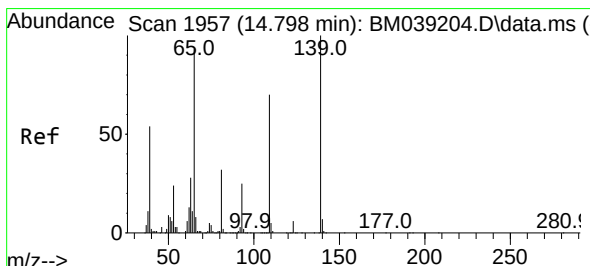
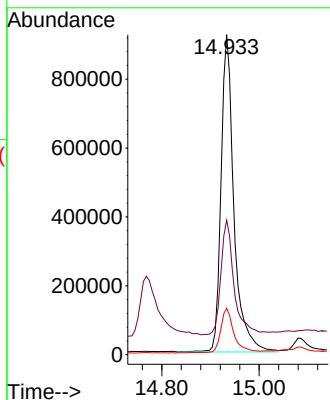
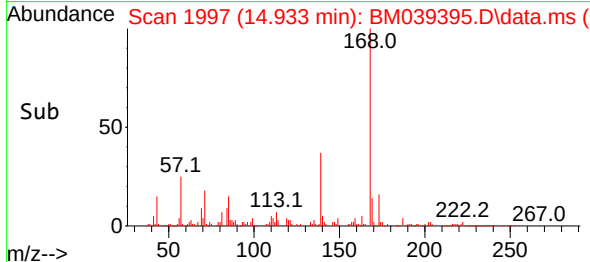
Tgt Ion:168 Resp: 170076
Ion Ratio Lower Upper
168 100
139 42.1 29.4 44.2
169 14.5 10.6 15.8

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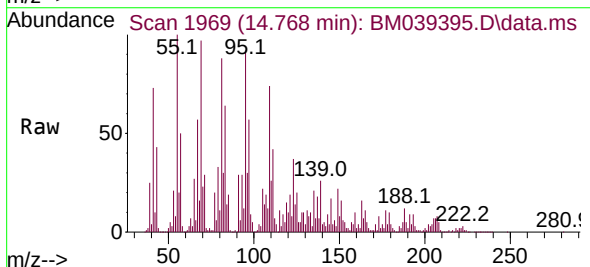
Reviewed By :Christian
Giraldo

04/12/2023
Supervised By :Jagrut
Upadhyay

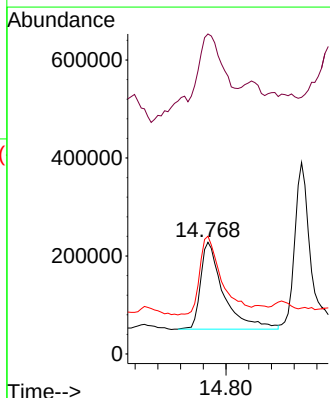
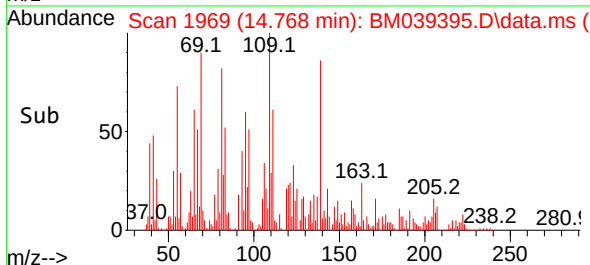
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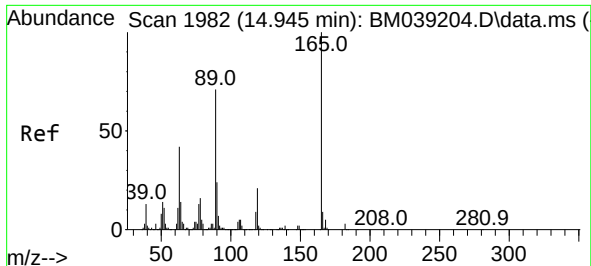


#56
4-Nitrophenol
Concen: 61.985 ng
RT: 14.768 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05



Tgt Ion:139 Resp: 497402
Ion Ratio Lower Upper
139 100
109 286.5 49.6 89.6#
65 105.5 72.9 112.9





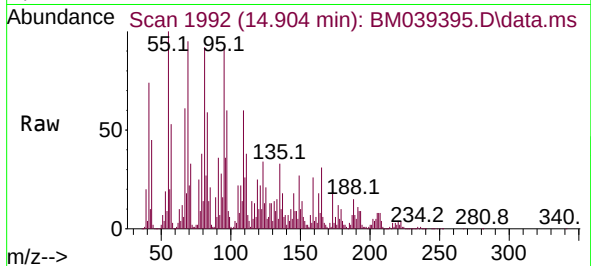
#57
2,4-Dinitrotoluene
Concen: 23.535 ng
RT: 14.904 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD



Tgt Ion:165 Resp: 28658
Ion Ratio Lower Upper
165 100
63 33.0 33.5 50.3
89 51.7 56.7 85.1
182 8.0 2.1 3.1#

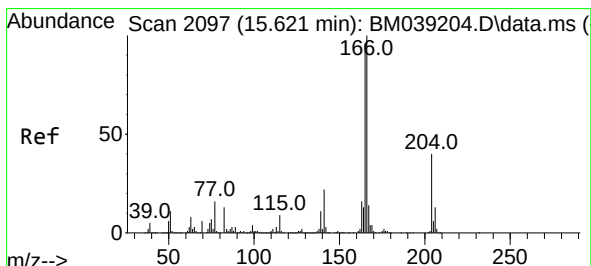
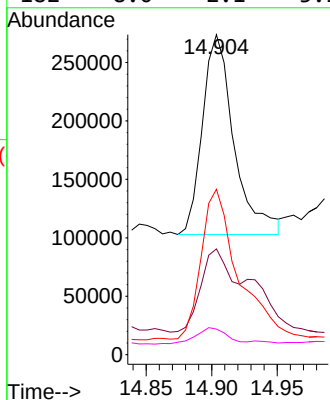
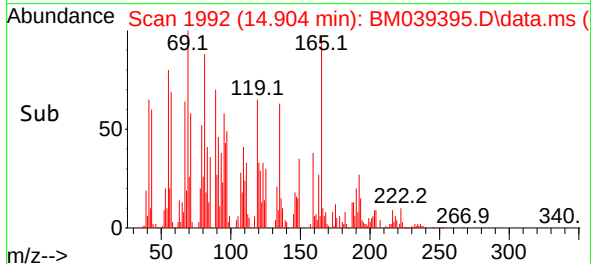
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Reviewed By :Christian
Giraldo

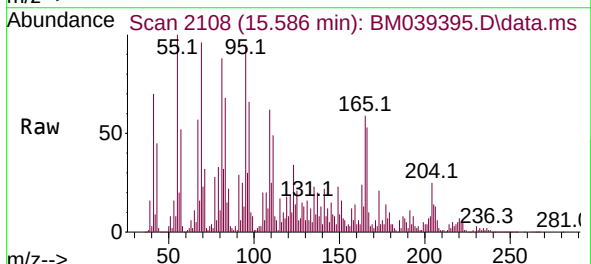
04/12/2023

Supervised By :Jagrut
Upadhyay

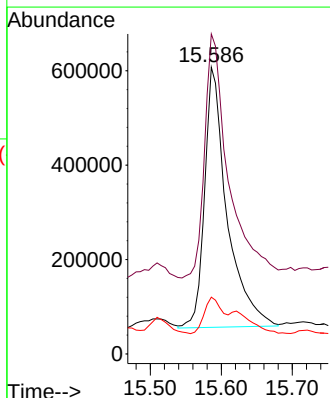
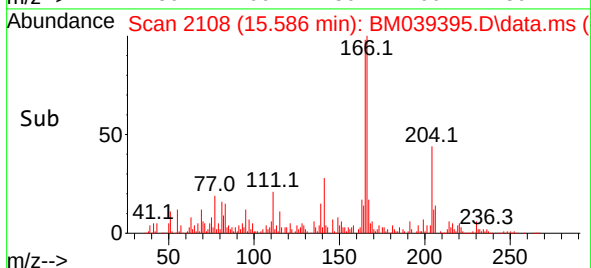
04/12/2023

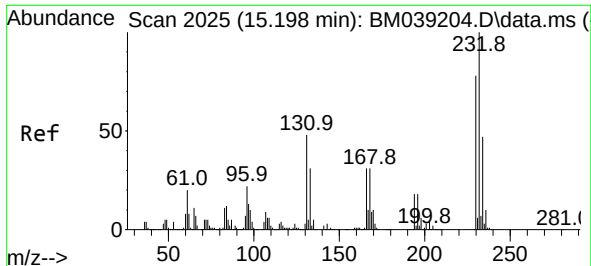


#58
Fluorene
Concen: 30.148 ng
RT: 15.586 min Scan# 2108
Delta R.T. 0.018 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05



Tgt Ion:166 Resp: 1211357
Ion Ratio Lower Upper
166 100
165 111.6 76.9 115.3
167 19.8 10.8 16.2#





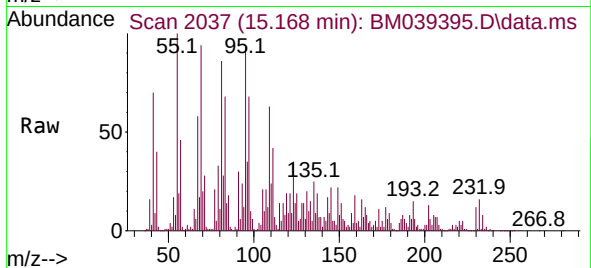
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.378 ng
RT: 15.168 min Scan# 2025
Delta R.T. 0.018 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD



Tgt Ion:232 Resp: 330035
Ion Ratio Lower Upper
232 100
131 98.2 37.7 56.5#
130 29.9 1.9 2.9#
166 32.6 24.9 37.3#

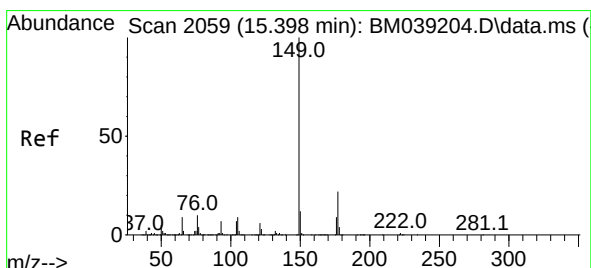
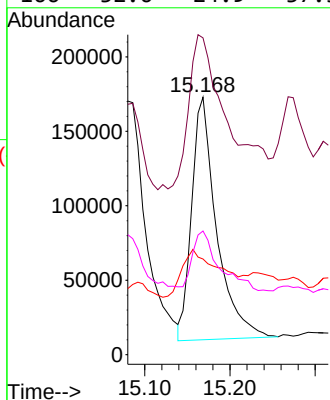
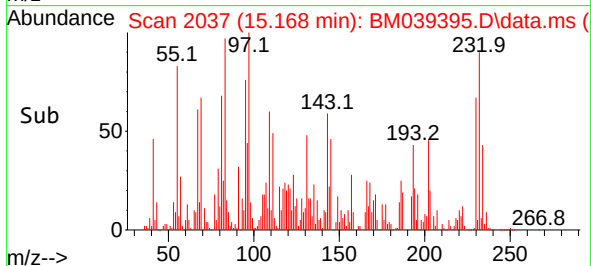
Manual Integrations
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Reviewed By :Christian
Giraldo

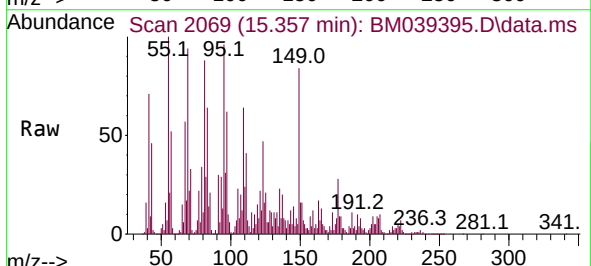
04/12/2023

Supervised By :Jagrut
Upadhyay

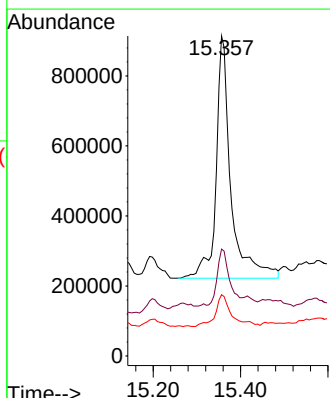
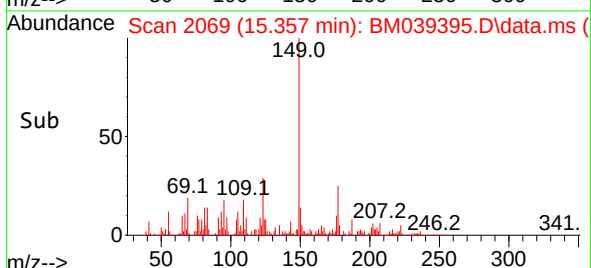
04/12/2023

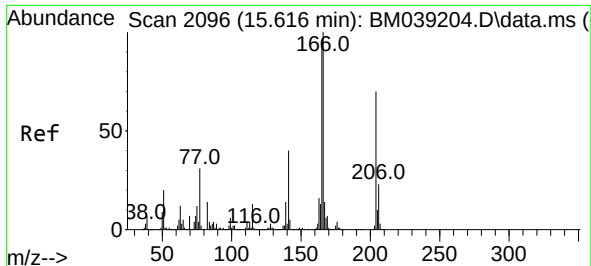


#60
Diethylphthalate
Concen: 38.408 ng
RT: 15.357 min Scan# 2069
Delta R.T. 0.012 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05



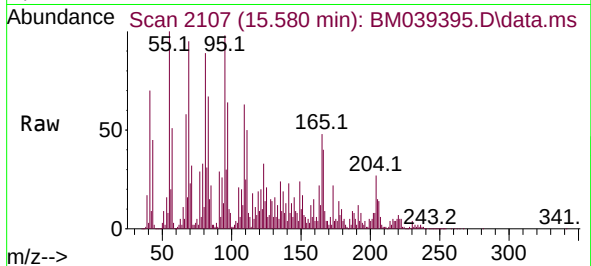
Tgt Ion:149 Resp: 1618229
Ion Ratio Lower Upper
149 100
177 33.4 17.7 26.5#
150 19.1 9.8 14.6#





#61
4-Chlorophenyl-phenylether
Concen: 29.637 ng
RT: 15.580 min Scan# 2107
Delta R.T. 0.018 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



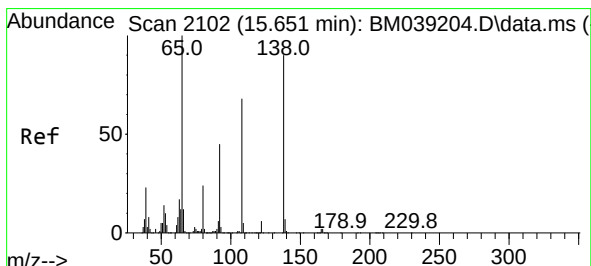
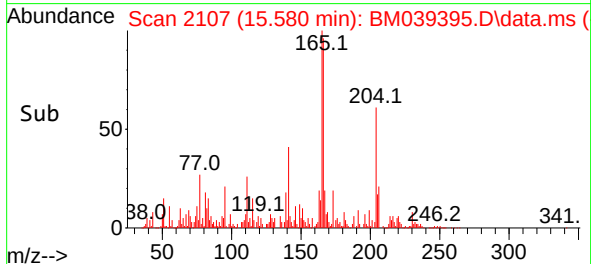
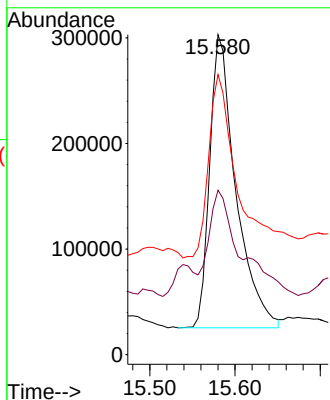
Tgt Ion:204 Resp: 59016
Ion Ratio Lower Upper
204 100
206 51.4 26.1 39.1
141 87.5 45.8 68.6

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Reviewed By :Christian
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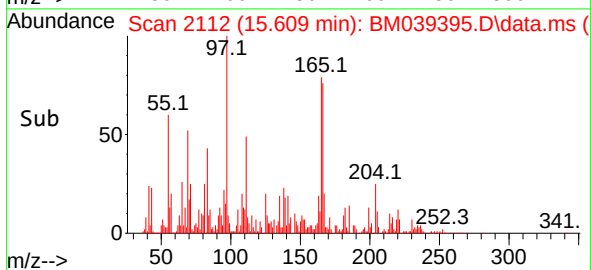
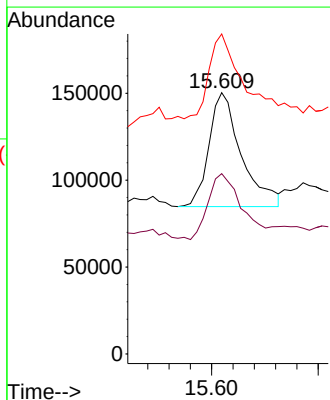
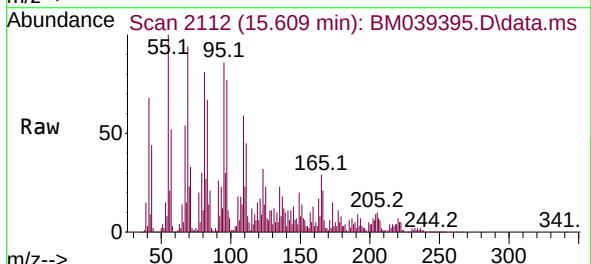
04/12/2023
Supervised By :Jagrut
Upadhyay

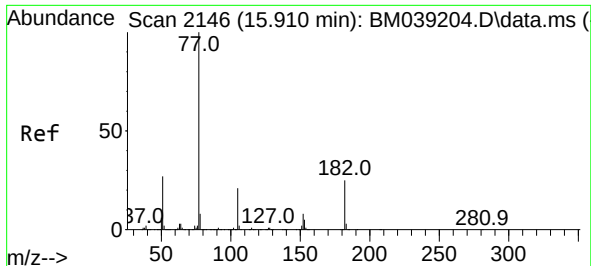
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#62
4-Nitroaniline
Concen: 13.003 ng
RT: 15.609 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Tgt Ion:138 Resp: 138854
Ion Ratio Lower Upper
138 100
92 69.0 30.5 70.5
108 122.5 55.5 95.5





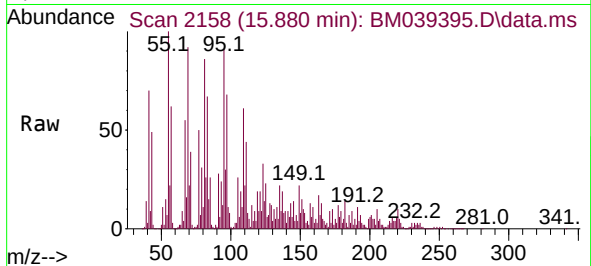
#63
Azobenzene
Concen: 25.803 ng
RT: 15.880 min Scan# 2146
Delta R.T. 0.023 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD



Tgt Ion: 77 Resp: 108920
Ion Ratio Lower Upper
77 100
182 27.1 4.8 44.8
105 51.7 1.4 41.4
51 21.8 7.5 47.5

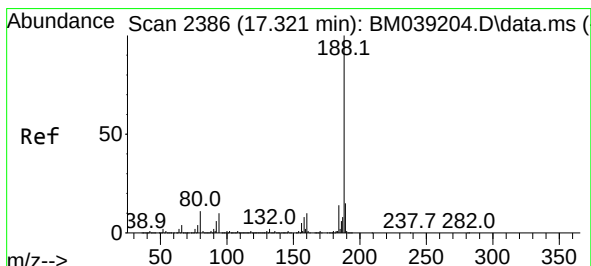
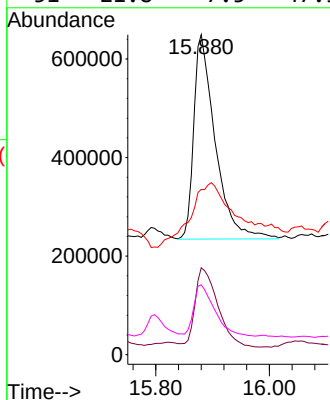
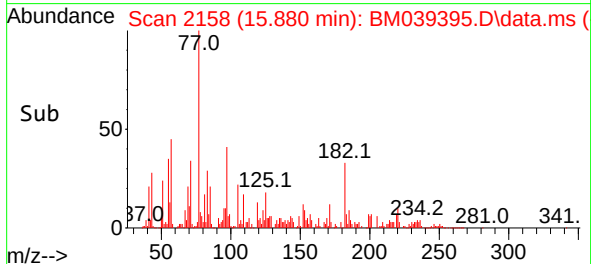
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Reviewed By :Christian
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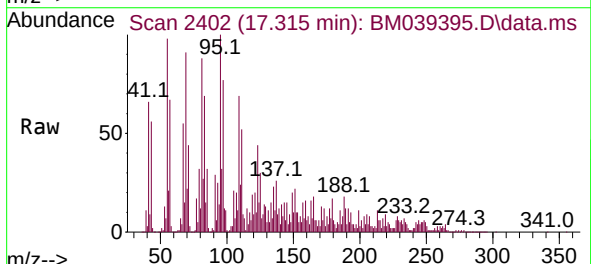
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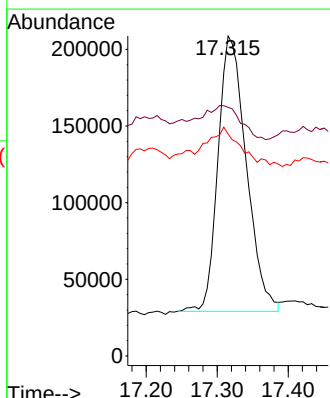
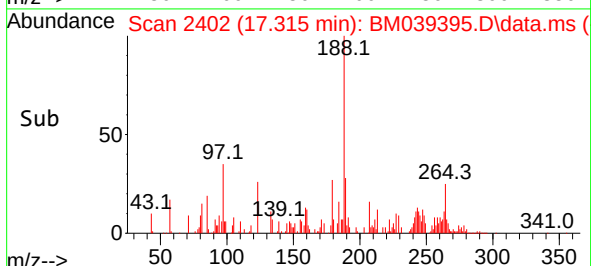
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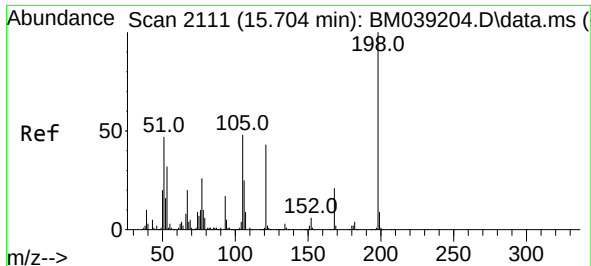


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2402
Delta R.T. 0.047 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05



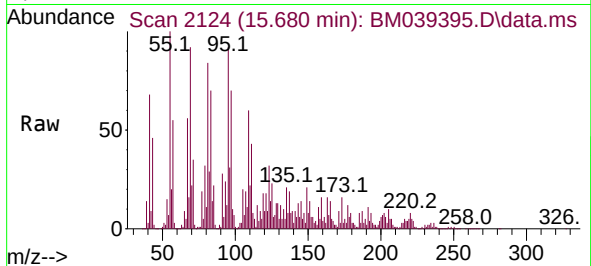
Tgt Ion:188 Resp: 495856
Ion Ratio Lower Upper
188 100
94 77.7 8.2 12.4#
80 69.4 8.9 13.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 12.499 ng
RT: 15.680 min Scan# 2111
Delta R.T. 0.023 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



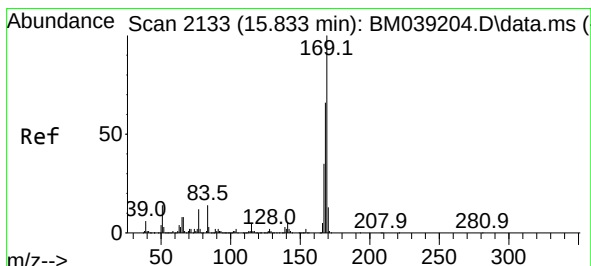
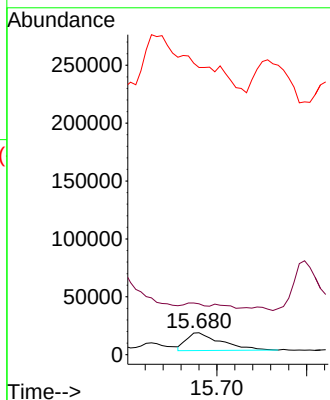
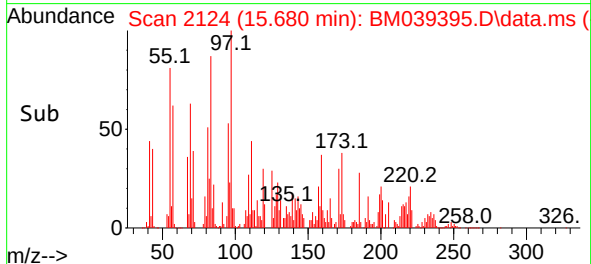
Tgt Ion:198 Resp: 4077
Ion Ratio Lower Upper
198 100
51 232.4 28.9 68.9
105 1312.8 28.7 68.7

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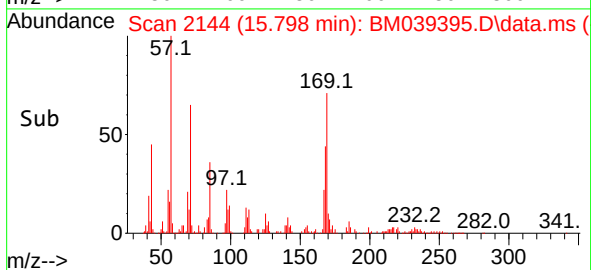
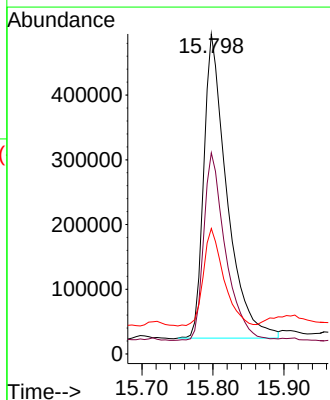
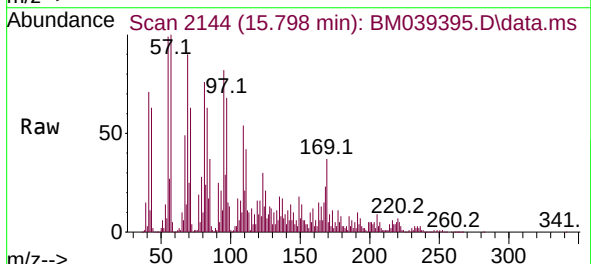
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Supervised By :Jagrut
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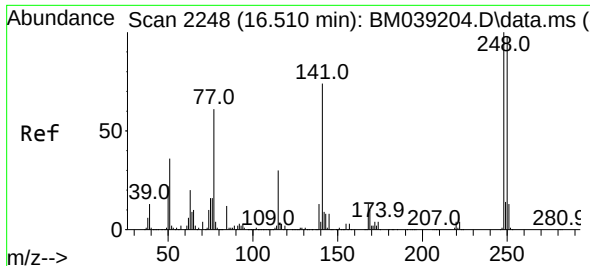
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#66
n-Nitrosodiphenylamine
Concen: 68.042 ng
RT: 15.798 min Scan# 2144
Delta R.T. 0.018 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Tgt Ion:169 Resp: 1063177
Ion Ratio Lower Upper
169 100
168 62.9 52.8 79.2
167 39.2 28.4 42.6





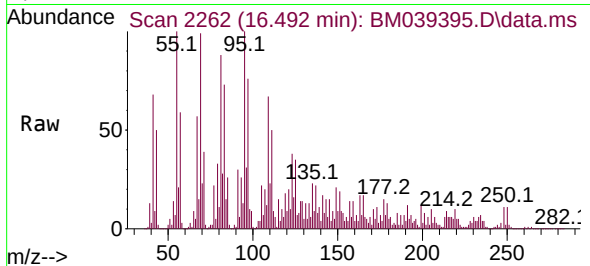
#67
4-Bromophenyl-phenylether
Concen: 73.096 ng
RT: 16.492 min Scan# 21
Delta R.T. 0.035 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD



Tgt Ion:248 Resp: 387070
Ion Ratio Lower Upper
248 100
250 98.6 78.8 118.2
141 160.6 58.8 88.2

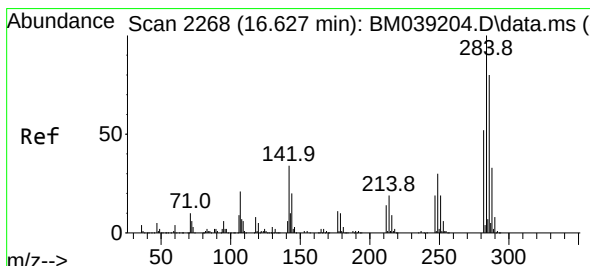
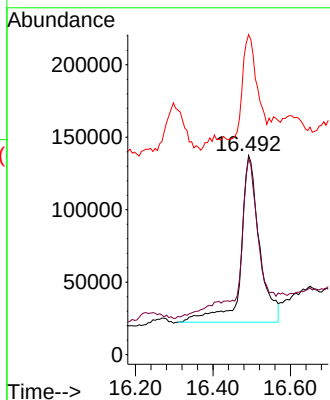
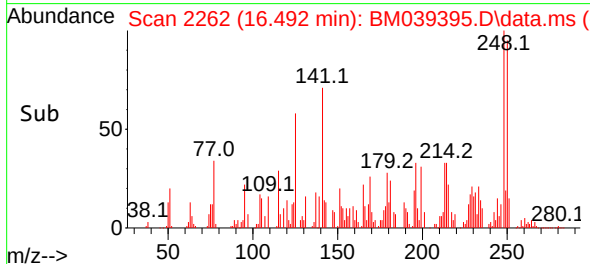
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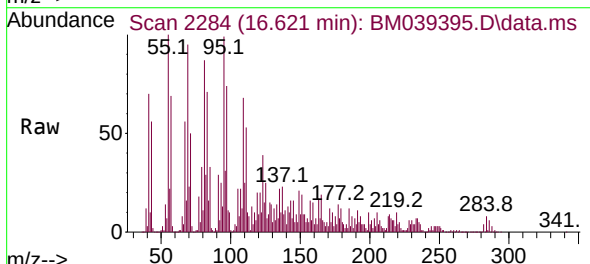
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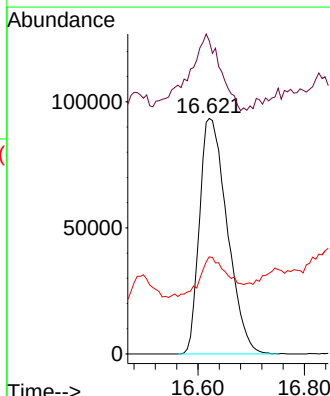
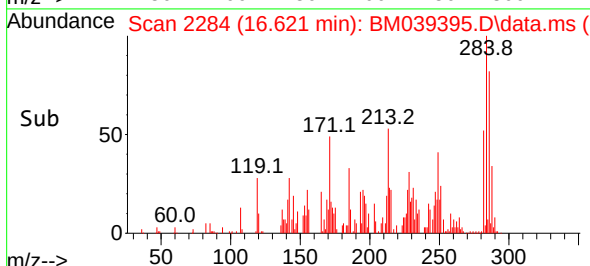
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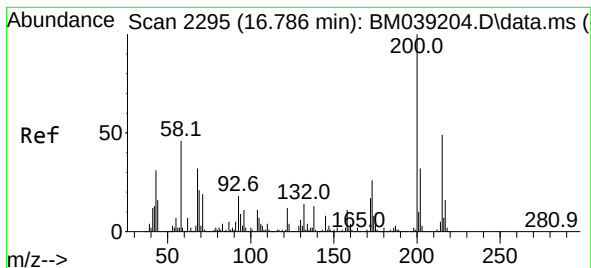


#68
Hexachlorobenzene
Concen: 58.782 ng
RT: 16.621 min Scan# 2284
Delta R.T. 0.053 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05



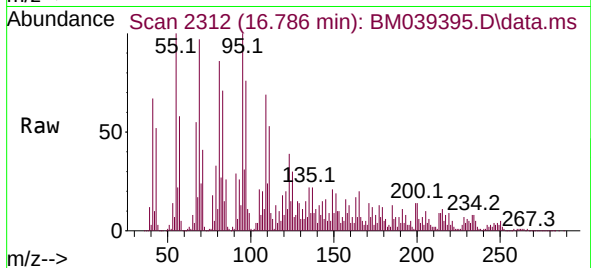
Tgt Ion:284 Resp: 337517
Ion Ratio Lower Upper
284 100
142 132.9 27.4 41.2#
249 41.2 24.4 36.6#





#69
Atrazine
Concen: 104.808 ng
RT: 16.786 min Scan# 21
Delta R.T. 0.047 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



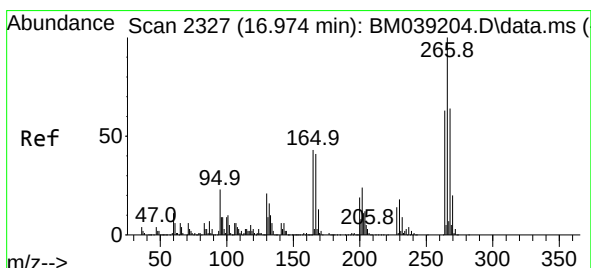
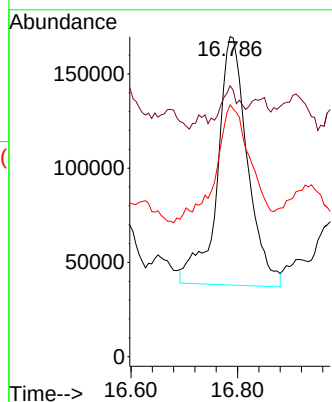
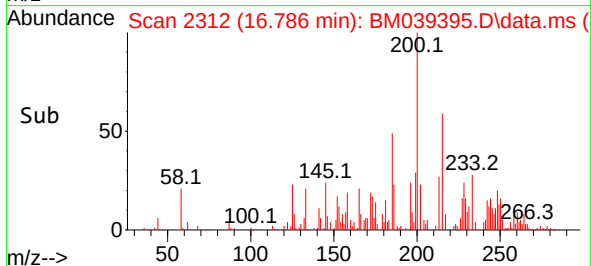
Tgt Ion:200 Resp: 51868
Ion Ratio Lower Upper
200 100
173 84.7 6.4 46.4
215 78.7 28.9 68.9

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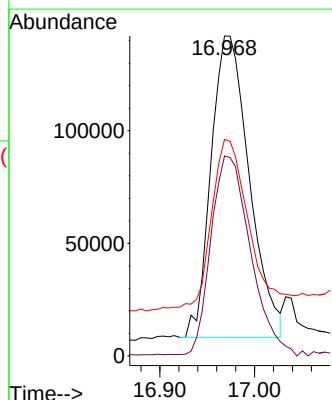
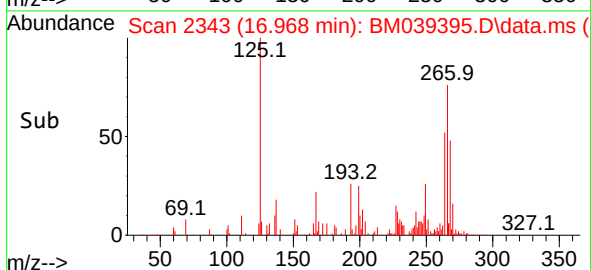
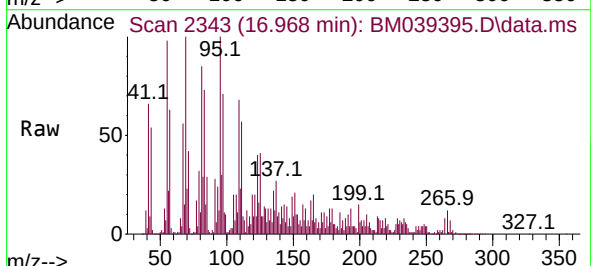
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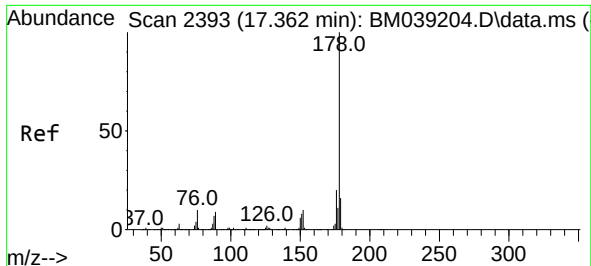
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#70
Pentachlorophenol
Concen: 91.078 ng
RT: 16.968 min Scan# 2343
Delta R.T. 0.047 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

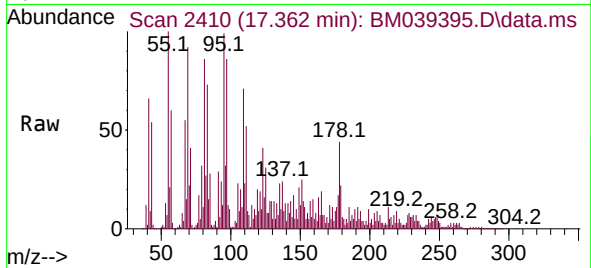
Tgt Ion:266 Resp: 375194
Ion Ratio Lower Upper
266 100
268 62.5 51.4 77.2
264 67.7 50.2 75.4





#71
Phenanthrene
Concen: 43.494 ng
RT: 17.362 min Scan# 2410
Delta R.T. 0.053 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



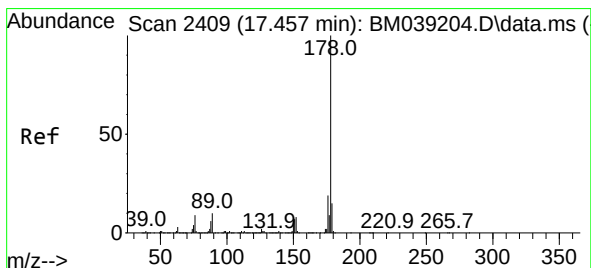
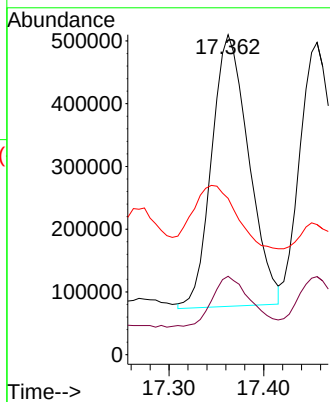
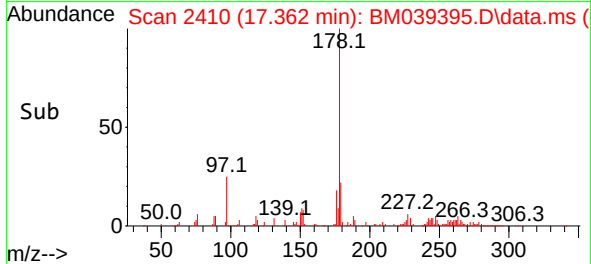
Tgt Ion:178 Resp: 1181189
Ion Ratio Lower Upper
178 100
176 24.5 15.7 23.5#
179 48.9 12.4 18.6#

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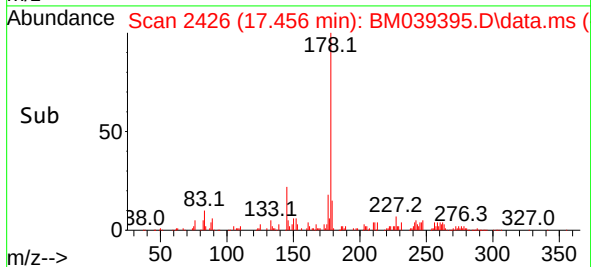
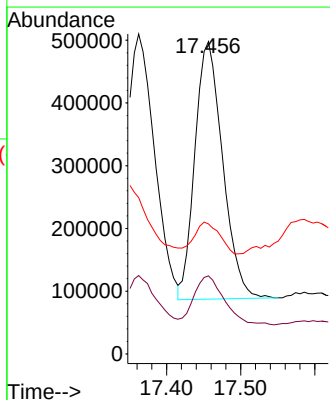
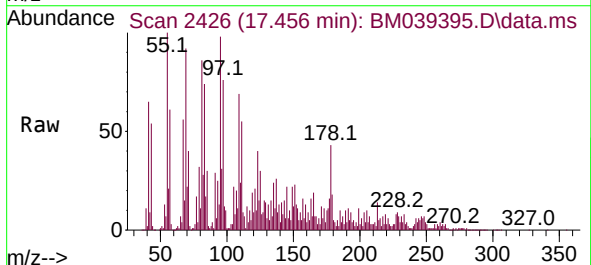
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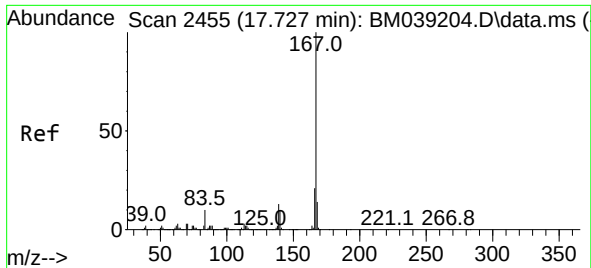
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#72
Anthracene
Concen: 38.616 ng
RT: 17.456 min Scan# 2426
Delta R.T. 0.053 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Tgt Ion:178 Resp: 1069341
Ion Ratio Lower Upper
178 100
176 25.0 14.9 22.3#
179 41.6 12.2 18.2#





#73
 Carbazole
 Concen: 33.445 ng
 RT: 17.721 min Scan# 2455
 Delta R.T. 0.041 min
 Lab File: BM039395.D
 Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD

Tgt Ion:167 Resp: 865411
 Ion Ratio Lower Upper
 167 100
 166 34.2 17.2 25.8#
 139 40.9 10.6 16.0#

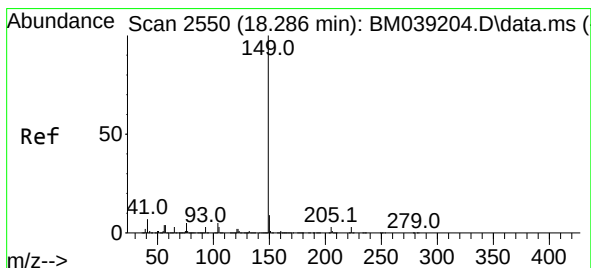
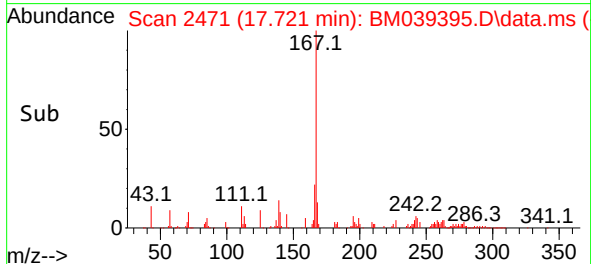
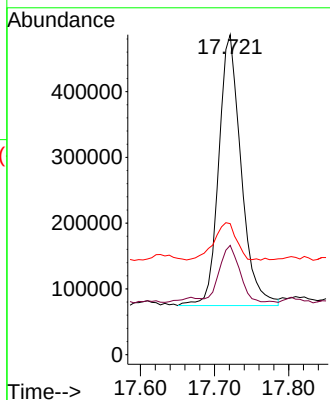
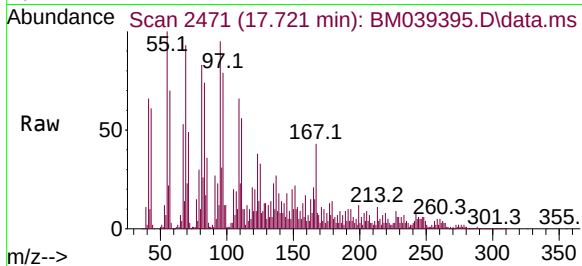
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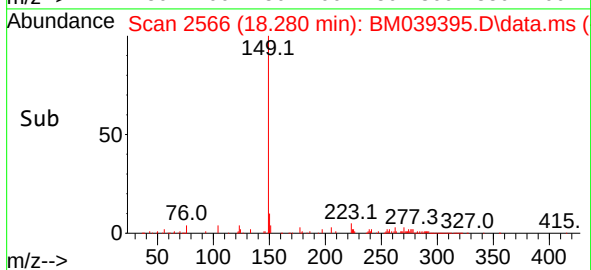
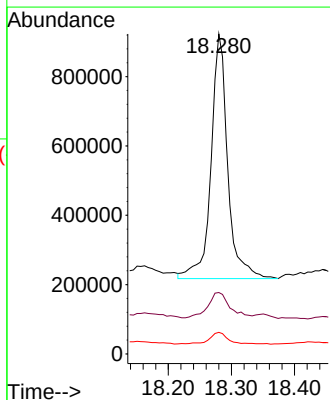
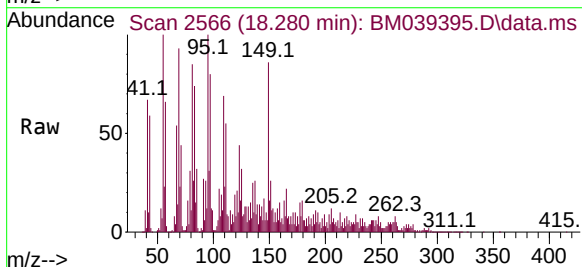
Supervised By :Jagrut
 Upadhyay

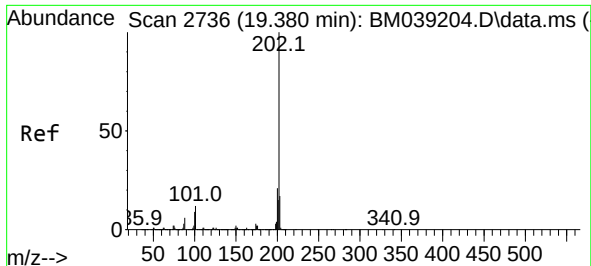
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#74
 Di-n-butylphthalate
 Concen: 40.458 ng
 RT: 18.280 min Scan# 2566
 Delta R.T. 0.041 min
 Lab File: BM039395.D
 Acq: 11 Apr 2023 16:05

Tgt Ion:149 Resp: 1294995
 Ion Ratio Lower Upper
 149 100
 150 19.2 7.5 11.3#
 104 6.8 4.1 6.1#





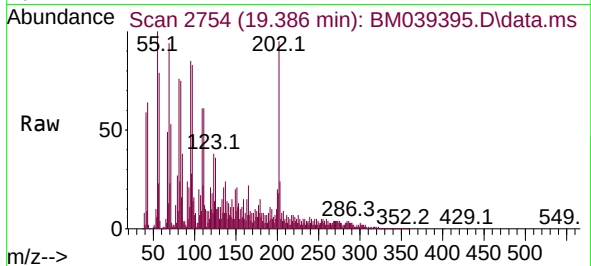
#75
Fluoranthene
Concen: 51.986 ng
RT: 19.386 min Scan# 21
Delta R.T. 0.053 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD



Tgt Ion:202 Resp: 1609339
Ion Ratio Lower Upper
202 100
101 8.6 0.0 32.5
203 24.7 0.0 37.5

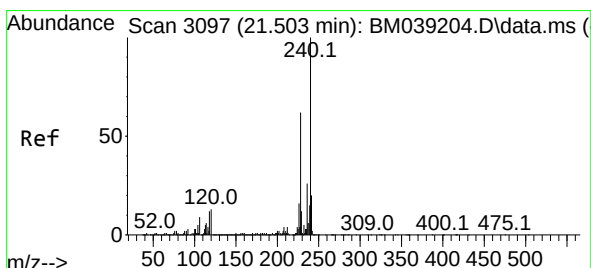
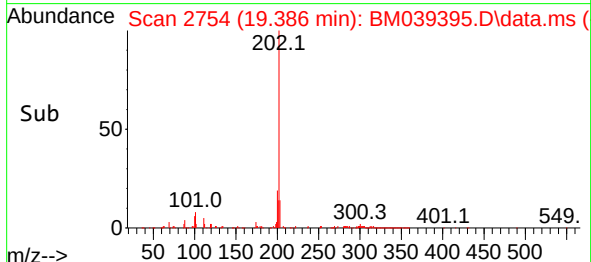
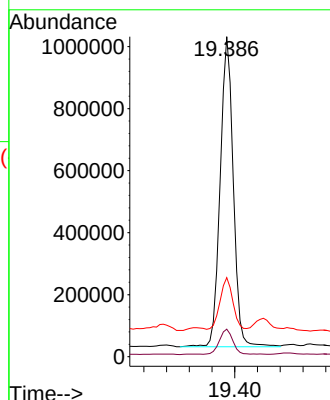
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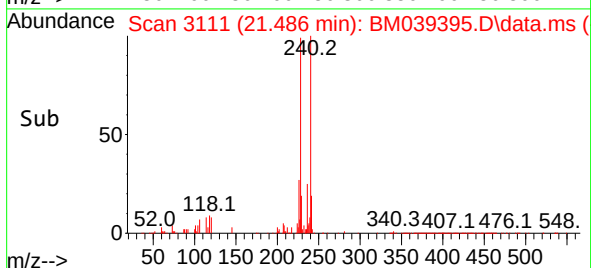
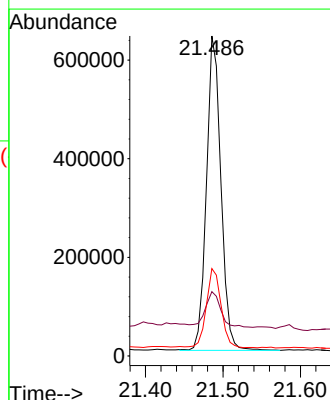
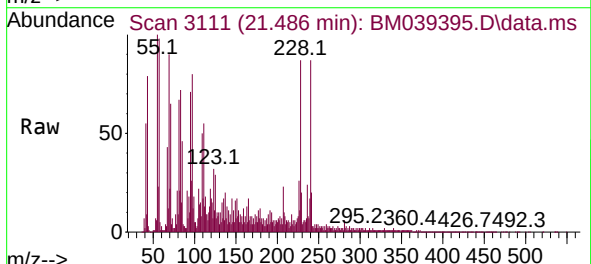
Supervised By :Jagrut
Upadhyay

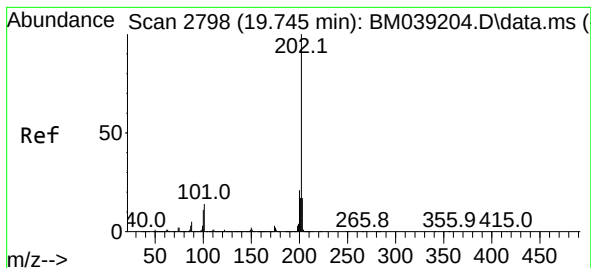
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.486 min Scan# 3111
Delta R.T. 0.023 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Tgt Ion:240 Resp: 826958
Ion Ratio Lower Upper
240 100
120 20.1 10.2 15.2#
236 27.3 20.9 31.3





#78

Pyrene

Concen: 31.027 ng

RT: 19.744 min Scan# 2

Delta R.T. 0.047 min

Lab File: BM039395.D

Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD

Tgt Ion:202 Resp: 182656

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.1	25.7
203	24.6	13.9	20.9

Manual Integrations

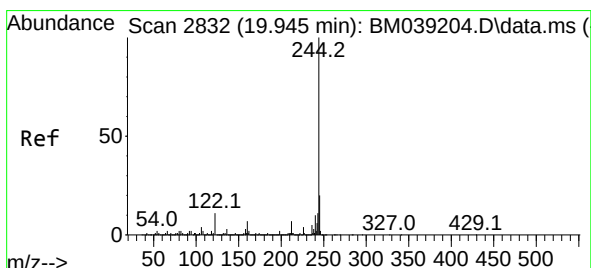
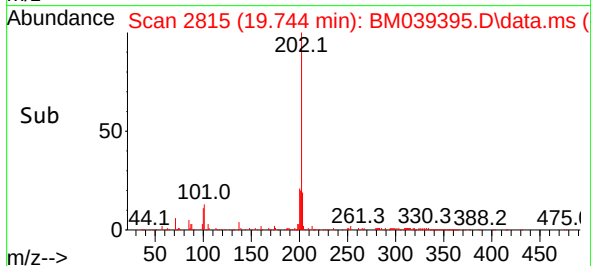
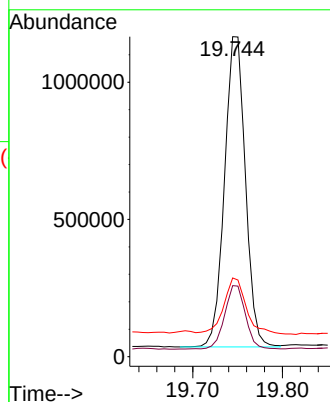
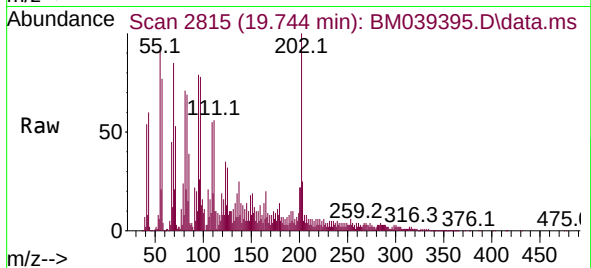
APPROVED

Reviewed By :Christian
Giraldo

04/12/2023

Supervised By :Jagrut
Upadhyay

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#79

Terphenyl-d14

Concen: 34.008 ng

RT: 19.939 min Scan# 2848

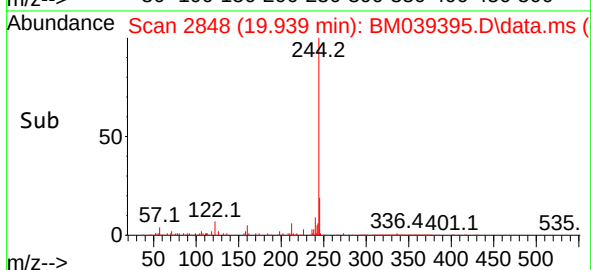
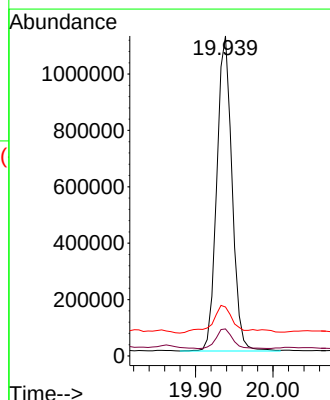
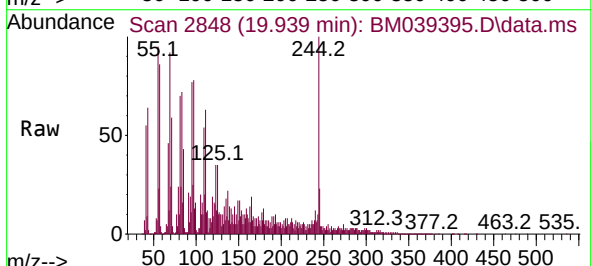
Delta R.T. 0.041 min

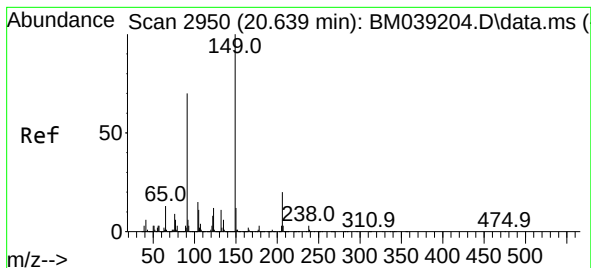
Lab File: BM039395.D

Acq: 11 Apr 2023 16:05

Tgt Ion:244 Resp: 1522204

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.6	8.4#
122	15.3	9.1	13.7#





#80
Butylbenzylphthalate
Concen: 33.762 ng
RT: 20.615 min Scan# 2950
Delta R.T. 0.018 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD

Tgt Ion:149 Resp: 91055
Ion Ratio Lower Upper
149 100
91 80.8 56.3 84.5
206 22.1 16.4 24.6

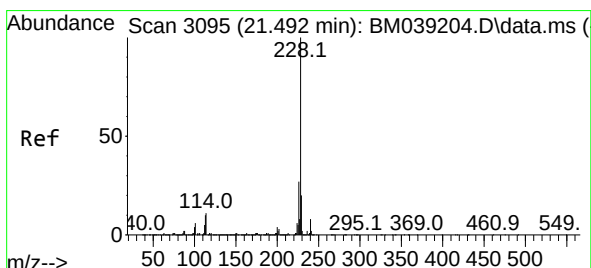
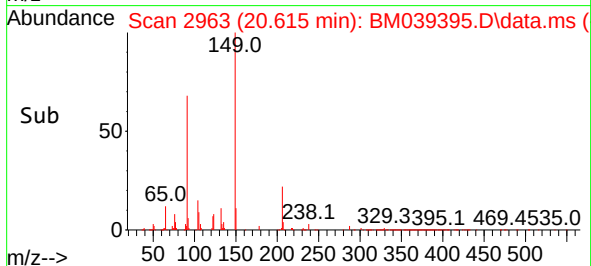
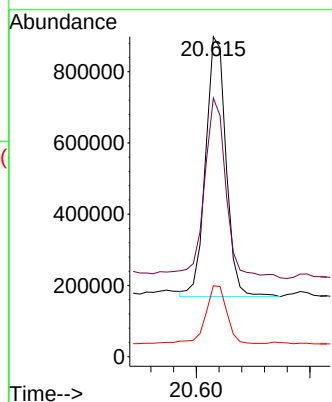
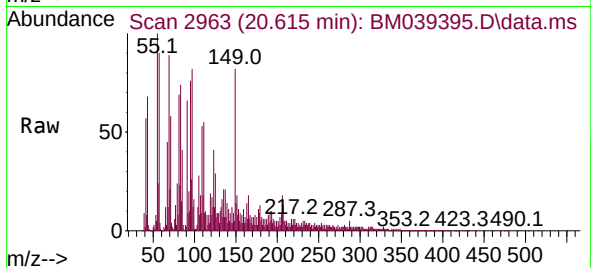
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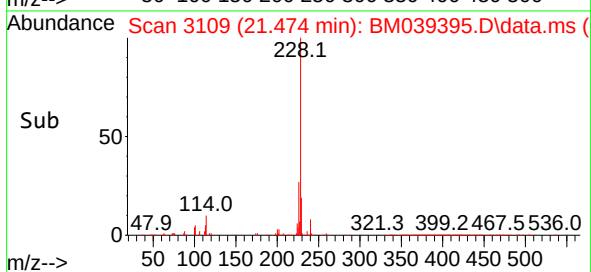
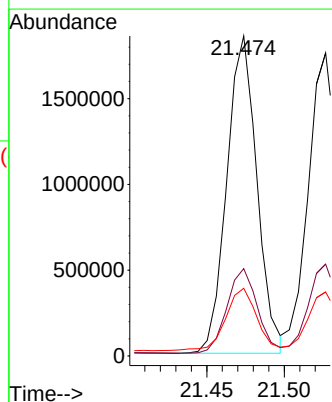
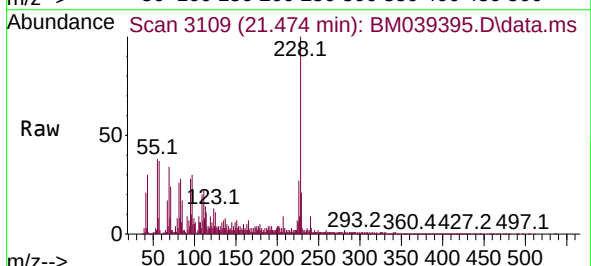
Supervised By :Jagrut
Upadhyay

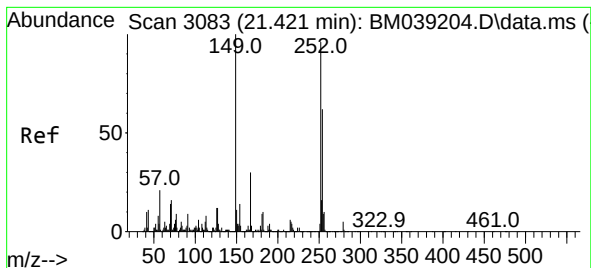
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#81
Benzo(a)anthracene
Concen: 42.840 ng
RT: 21.474 min Scan# 3109
Delta R.T. 0.029 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Tgt Ion:228 Resp: 2498555
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 21.2 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 9.996 ng

RT: 21.403 min Scan# 3083

Delta R.T. 0.018 min

Lab File: BM039395.D

Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD

Tgt Ion:	252	Resp:	19420
Ion Ratio	Lower	Upper	
252	100		
254	66.2	51.8	77.8
126	58.8	10.1	15.1

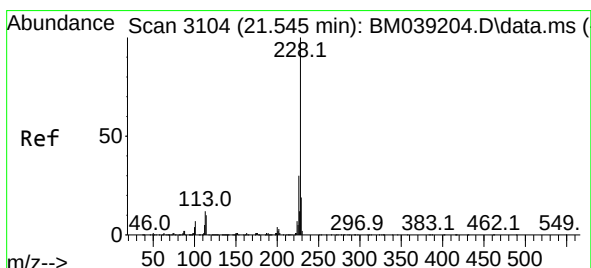
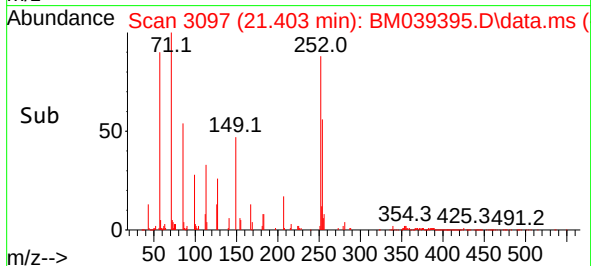
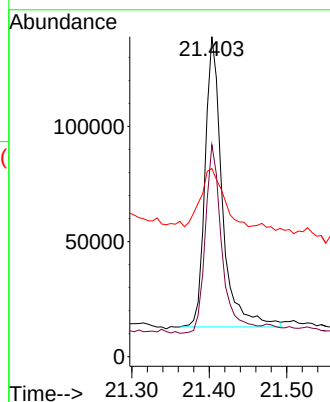
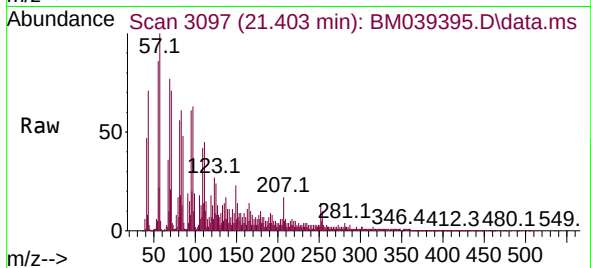
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Giraldo

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Upadhyay

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#83

Chrysene

Concen: 42.938 ng

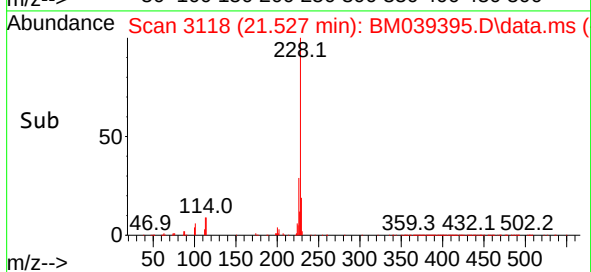
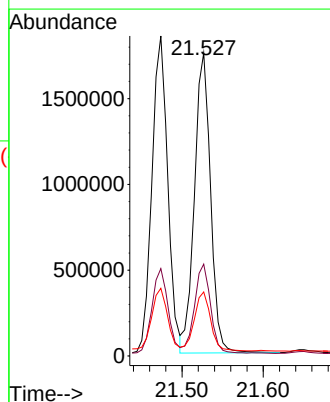
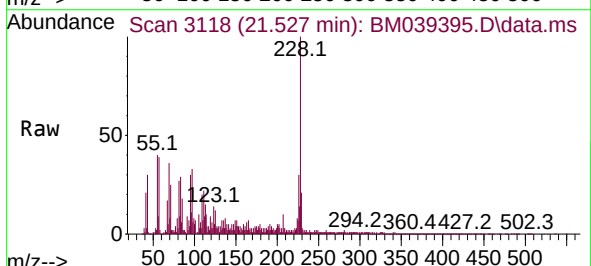
RT: 21.527 min Scan# 3118

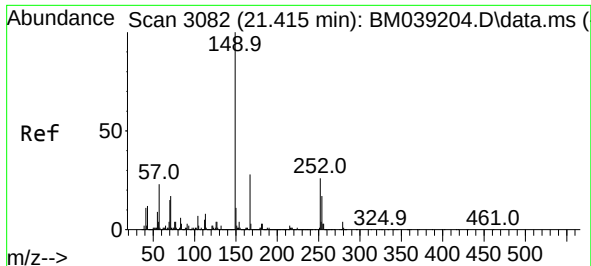
Delta R.T. 0.023 min

Lab File: BM039395.D

Acq: 11 Apr 2023 16:05

Tgt Ion:	228	Resp:	2417510
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.1	36.1
229	21.1	15.5	23.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 42.508 ng
RT: 21.386 min Scan# 3082
Delta R.T. 0.012 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD

Tgt Ion:149 Resp: 1693208
Ion Ratio Lower Upper
149 100
167 30.0 22.3 33.5
279 4.9 3.4 5.2

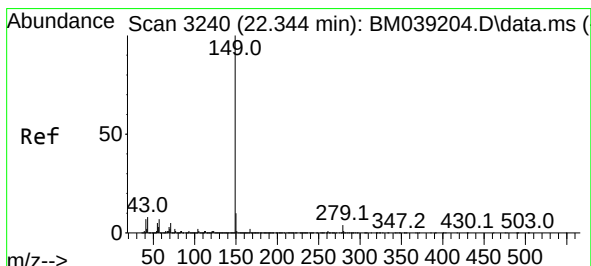
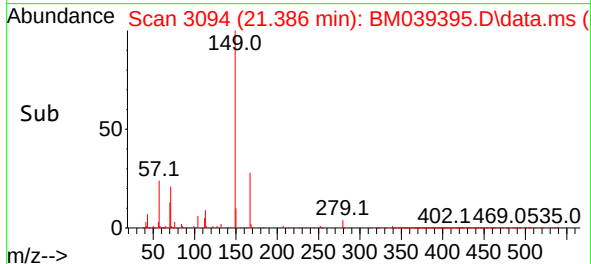
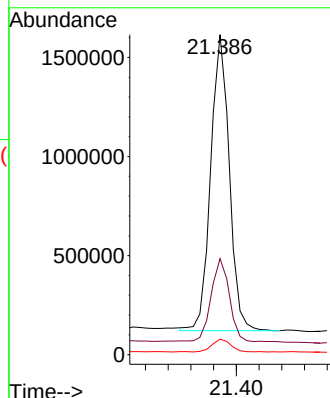
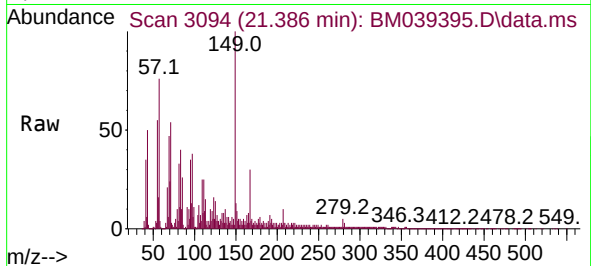
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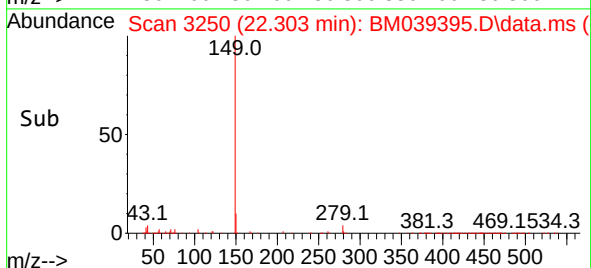
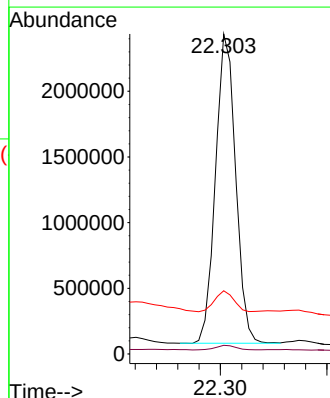
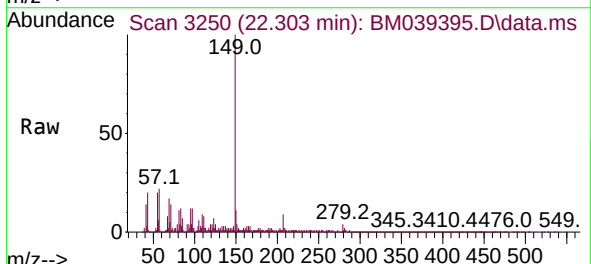
Supervised By :Jagrut
Upadhyay

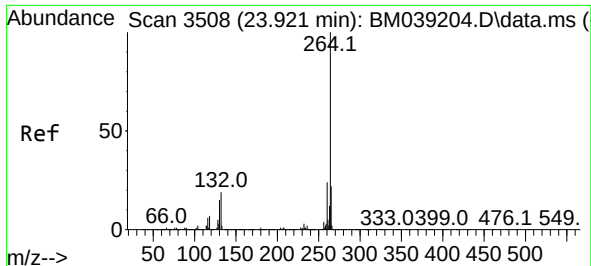
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#85
Di-n-octyl phthalate
Concen: 43.013 ng
RT: 22.303 min Scan# 3250
Delta R.T. 0.012 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Tgt Ion:149 Resp: 3086882
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 6.3 6.9 10.3#





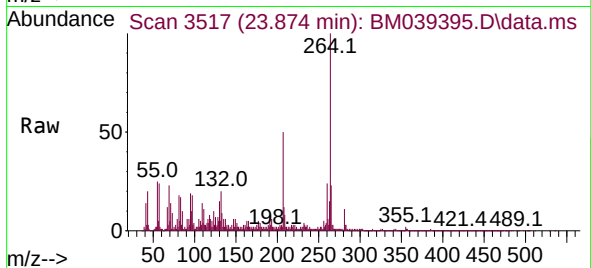
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.874 min Scan# 3508
Delta R.T. 0.023 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD



Tgt Ion:264 Resp: 105009
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 23.4 18.1 27.1

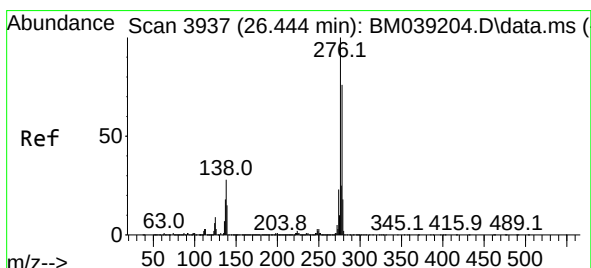
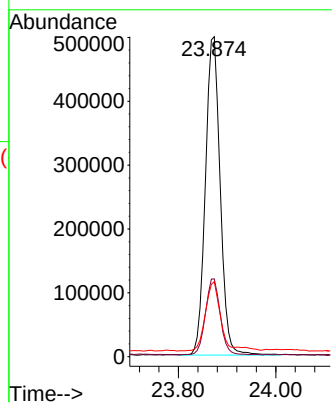
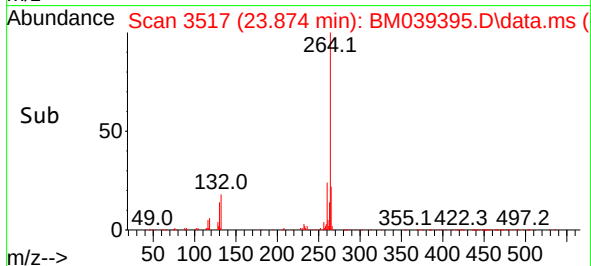
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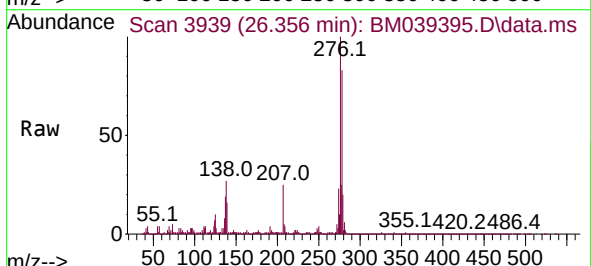
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Upadhyay

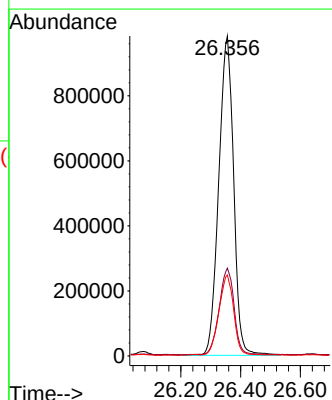
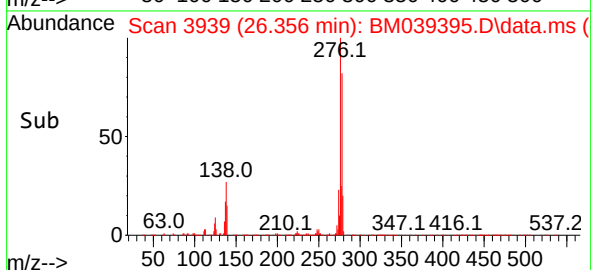
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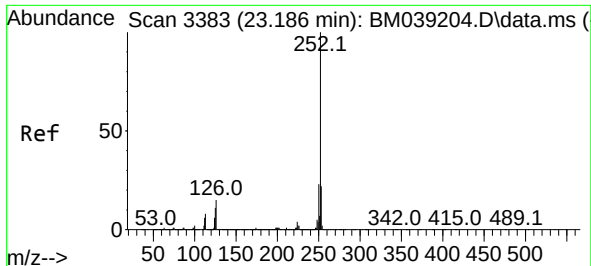


#87
Indeno(1,2,3-cd)pyrene
Concen: 43.721 ng
RT: 26.356 min Scan# 3939
Delta R.T. 0.018 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05



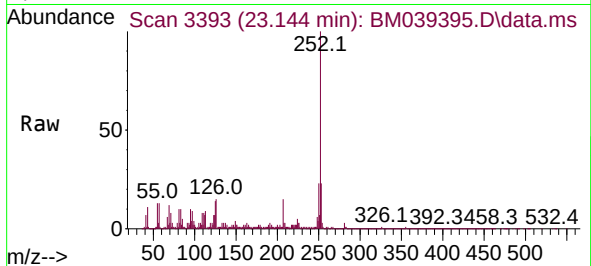
Tgt Ion:276 Resp: 3382706
Ion Ratio Lower Upper
276 100
138 27.0 22.2 33.2
277 24.6 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 45.839 ng
RT: 23.144 min Scan# 31
Delta R.T. 0.018 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



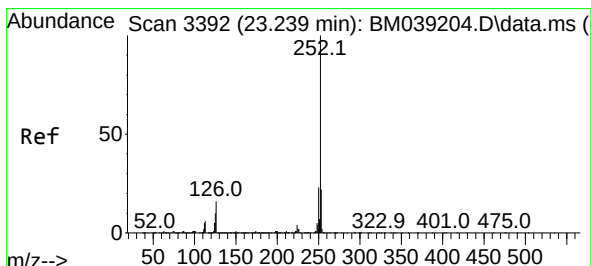
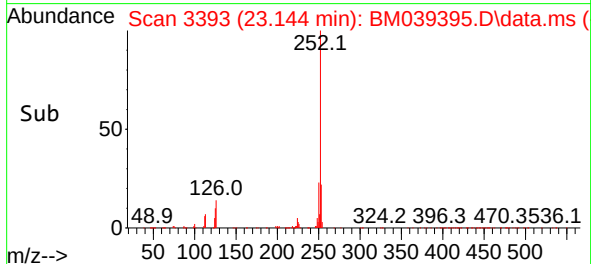
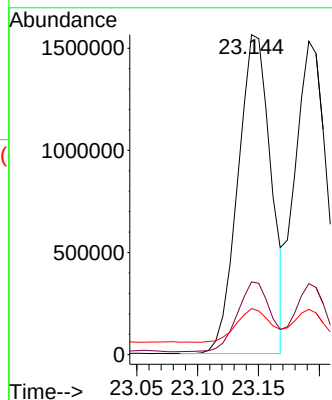
Tgt Ion:252 Resp: 2945310
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 14.4 9.0 13.6

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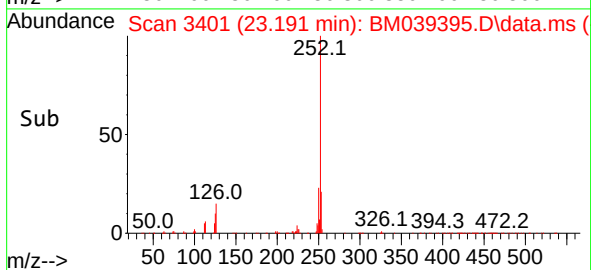
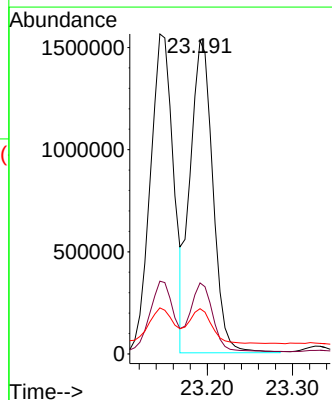
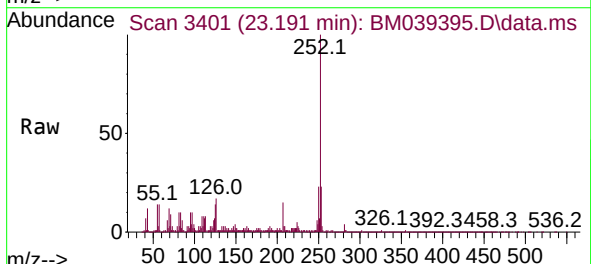
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Supervised By :Jagrut
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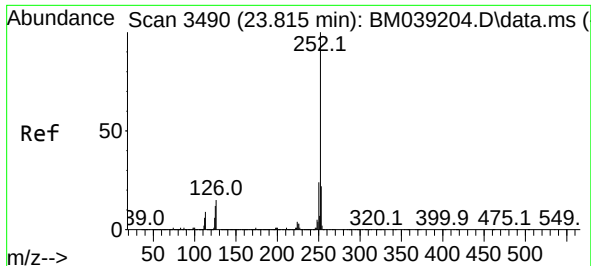
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#89
Benzo(k)fluoranthene
Concen: 43.181 ng
RT: 23.191 min Scan# 3401
Delta R.T. 0.018 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Tgt Ion:252 Resp: 2826120
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 14.4 8.5 12.7





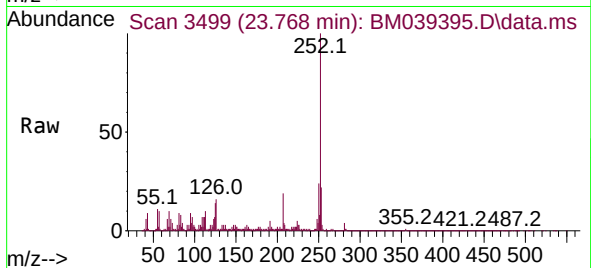
#90
Benzo(a)pyrene
Concen: 41.145 ng
RT: 23.768 min Scan# 3490
Delta R.T. 0.018 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MSD



Tgt Ion:252 Resp: 259708
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 14.4 9.8 14.6

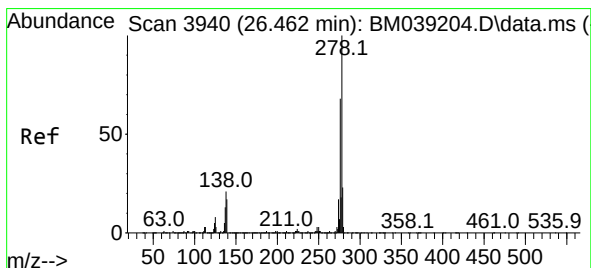
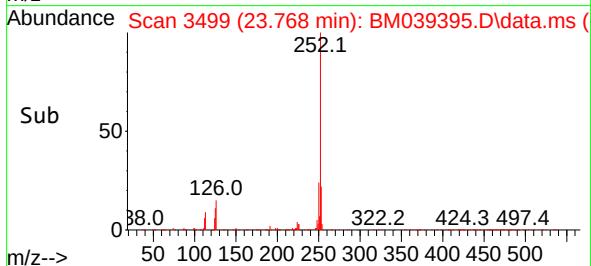
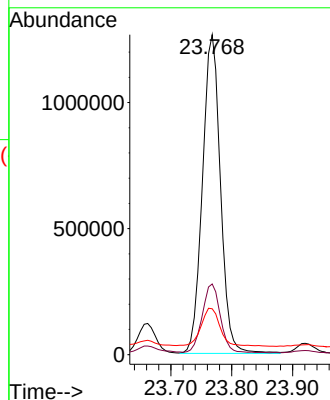
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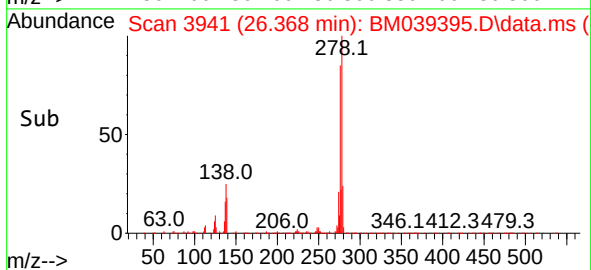
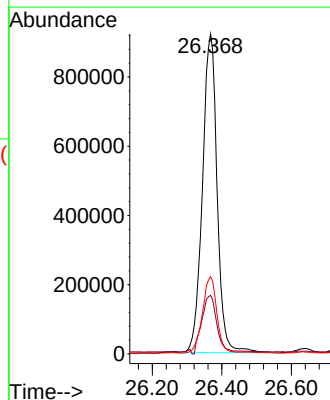
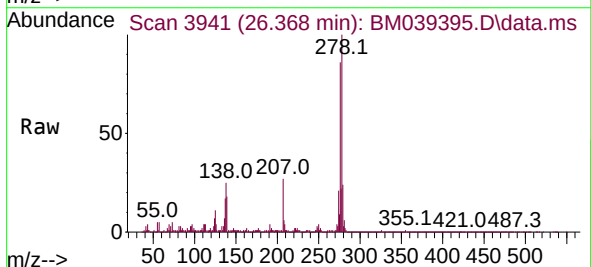
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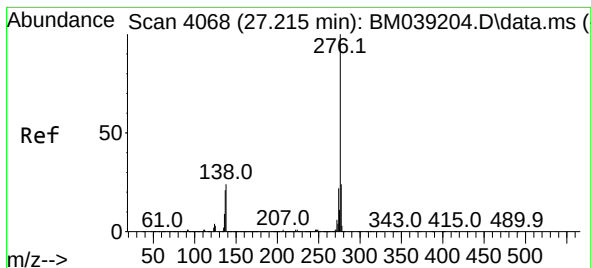
04/12/2023



#91
Dibenzo(a,h)anthracene
Concen: 41.524 ng
RT: 26.368 min Scan# 3941
Delta R.T. 0.018 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

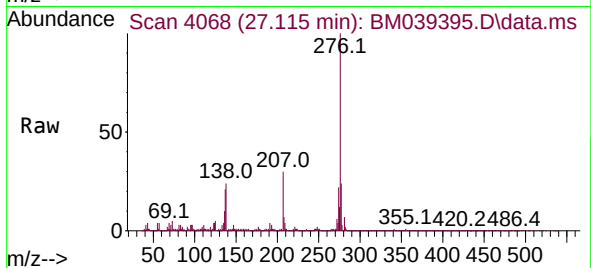
Tgt Ion:278 Resp: 2697723
Ion Ratio Lower Upper
278 100
139 18.3 13.9 20.9
279 24.1 18.8 28.2





#92
Benzo(g,h,i)perylene
Concen: 44.815 ng
RT: 27.115 min Scan# 4068
Delta R.T. 0.012 min
Lab File: BM039395.D
Acq: 11 Apr 2023 16:05

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MSD



Tgt Ion:276 Resp: 2863272
Ion Ratio Lower Upper
276 100
277 24.1 19.1 28.7
138 23.7 19.5 29.3

Manual Integrations
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Reviewed By :Christian
Giraldo

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Supervised By :Jagrut
Upadhyay

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