

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
 Data File : BM039394.D
 Acq On : 11 Apr 2023 15:27
 Operator : CG/JU
 Sample : 02269-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-20424MS

Manual Integrations
 APPROVED

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

Quant Time: Apr 12 05:11:55 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	217535	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	868169	20.000	ng	# 0.00
39) Acenaphthene-d10	14.533	164	525682	20.000	ng	0.02
64) Phenanthrene-d10	17.321	188	463951	20.000	ng	# 0.05
76) Chrysene-d12	21.486	240	800673	20.000	ng	# 0.02
86) Perylene-d12	23.868	264	1022864	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	929011	64.341	ng	0.00
7) Phenol-d6	7.040	99	1178109	63.083	ng	0.00
23) Nitrobenzene-d5	9.034	82	725145	40.596	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	342105	51.267	ng	0.03
45) 2-Fluorobiphenyl	13.145	172	1642542	42.335	ng	0.00
79) Terphenyl-d14	19.939	244	1483009	34.220	ng	0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	203846	34.540	ng	97
3) Pyridine	3.687	79	514423	31.114	ng	98
4) n-Nitrosodimethylamine	3.599	42	226322	34.854	ng	100
6) Aniline	7.193	93	266280	11.520	ng	99
8) 2-Chlorophenol	7.428	128	583883	39.510	ng	99
9) Benzaldehyde	6.999	77	374438	35.207	ng	99
10) Phenol	7.063	94	726677	38.828	ng	99
11) bis(2-Chloroethyl)ether	7.287	93	654913	43.498	ng	92
12) 1,3-Dichlorobenzene	7.746	146	659474	42.078	ng	100
13) 1,4-Dichlorobenzene	7.898	146	660330	41.668	ng	99
14) 1,2-Dichlorobenzene	8.216	146	637712	42.084	ng	99
15) Benzyl Alcohol	8.110	79	504896	39.307	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.398	45	784311m	40.727	ng	
17) 2-Methylphenol	8.322	107	477850	36.494	ng	100
18) Hexachloroethane	8.940	117	248600	40.554	ng	99
19) n-Nitroso-di-n-propyla...	8.675	70	437878	36.679	ng	97
20) 3+4-Methylphenols	8.651	107	641048	36.433	ng	97
22) Acetophenone	8.693	105	888288	38.268	ng	99
24) Nitrobenzene	9.075	77	638572	35.941	ng	100
25) Isophorone	9.604	82	1228007	36.851	ng	99
26) 2-Nitrophenol	9.787	139	297708	36.248	ng	99
27) 2,4-Dimethylphenol	9.857	122	520090	38.112	ng	98
28) bis(2-Chloroethoxy)met...	10.087	93	755355	37.445	ng	98
29) 2,4-Dichlorophenol	10.328	162	526985	39.580	ng	98
30) 1,2,4-Trichlorobenzene	10.534	180	586268	41.159	ng	99
31) Naphthalene	10.722	128	1823702	38.985	ng	99
32) Benzoic acid	10.010	122	409139	38.468	ng	97
33) 4-Chloroaniline	10.851	127	201383	9.826	ng	97
34) Hexachlorobutadiene	11.004	225	345793	41.285	ng	99
35) Caprolactam	11.657	113	177433	38.381	ng	# 53
36) 4-Chloro-3-methylphenol	11.981	107	551612	37.550	ng	97
37) 2-Methylnaphthalene	12.339	142	1200584	36.866	ng	99
38) 1-Methylnaphthalene	12.557	142	1120009	36.730	ng	100
40) 1,2,4,5-Tetrachloroben...	12.710	216	607502	37.957	ng	98
41) Hexachlorocyclopentadiene	12.681	237	441970	50.547	ng	99
43) 2,4,6-Trichlorophenol	12.957	196	406852	37.274	ng	99

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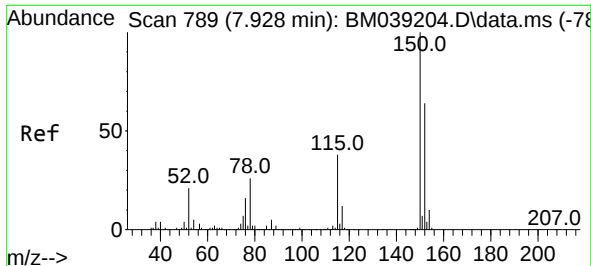
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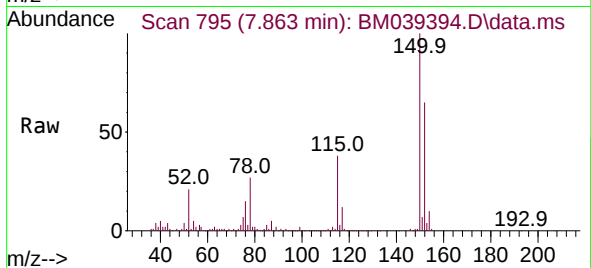
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	444934	34.771	ng	# 85
46) 1,1'-Biphenyl	13.357	154	1643022	39.580	ng	100
47) 2-Chloronaphthalene	13.398	162	1270263	40.414	ng	98
48) 2-Nitroaniline	13.610	65	406739	38.454	ng	98
49) Acenaphthylene	14.251	152	1912033	37.012	ng	# 88
50) Dimethylphthalate	13.986	163	1433403	35.382	ng	# 93
51) 2,6-Dinitrotoluene	14.110	165	342362	39.297	ng	# 79
52) Acenaphthene	14.598	154	1108693	36.346	ng	96
53) 3-Nitroaniline	14.439	138	173905	17.267	ng	# 76
54) 2,4-Dinitrophenol	14.657	184	77912	15.101	ng	# 46
55) Dibenzofuran	14.933	168	1648404	33.566	ng	93
56) 4-Nitrophenol	14.769	139	478650	61.631	ng	# 1
57) 2,4-Dinitrotoluene	14.904	165	286210	24.285	ng	# 78
58) Fluorene	15.586	166	1180665	30.361	ng	# 84
59) 2,3,4,6-Tetrachlorophenol	15.169	232	324463	31.873	ng	# 66
60) Diethylphthalate	15.357	149	1589434	38.978	ng	# 78
61) 4-Chlorophenyl-phenyle...	15.580	204	570664	29.610	ng	# 59
62) 4-Nitroaniline	15.610	138	137274	13.282	ng	# 57
63) Azobenzene	15.880	77	1037635	25.399	ng	# 75
65) 4,6-Dinitro-2-methylph...	15.674	198	44992	14.741	ng	# 1
66) n-Nitrosodiphenylamine	15.798	169	1038411	71.027	ng	96
67) 4-Bromophenyl-phenylether	16.492	248	289064	58.341	ng	# 54
68) Hexachlorobenzene	16.621	284	329379	61.310	ng	# 5
69) Atrazine	16.786	200	455026	98.268	ng	# 36
70) Pentachlorophenol	16.968	266	357388	92.722	ng	97
71) Phenanthrene	17.363	178	1142045	44.945	ng	# 61
72) Anthracene	17.457	178	1022608	39.468	ng	# 63
73) Carbazole	17.721	167	852648	35.218	ng	# 59
74) Di-n-butylphthalate	18.280	149	1237478	41.320	ng	# 81
75) Fluoranthene	19.386	202	1503778	51.917	ng	86
78) Pyrene	19.745	202	1765307	30.971	ng	# 92
80) Butylbenzylphthalate	20.615	149	872135	33.398	ng	89
81) Benzo(a)anthracene	21.474	228	2431702	43.063	ng	99
82) 3,3'-Dichlorobenzidine	21.403	252	175263	9.317	ng	# 78
83) Chrysene	21.527	228	2356197	43.223	ng	99
84) Bis(2-ethylhexyl)phtha...	21.386	149	1646874	42.702	ng	97
85) Di-n-octyl phthalate	22.303	149	3025632	43.544	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.350	276	3287456	43.621	ng	99
88) Benzo(b)fluoranthene	23.145	252	2896361	46.277	ng	# 96
89) Benzo(k)fluoranthene	23.192	252	2718192	42.638	ng	# 97
90) Benzo(a)pyrene	23.768	252	2518879	40.968	ng	98
91) Dibenzo(a,h)anthracene	26.362	278	2638289	41.691	ng	98
92) Benzo(g,h,i)perylene	27.109	276	2810026	45.153	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# 795
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

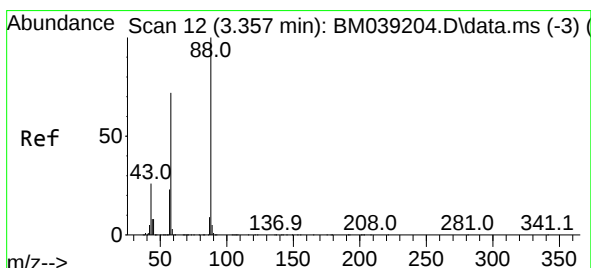
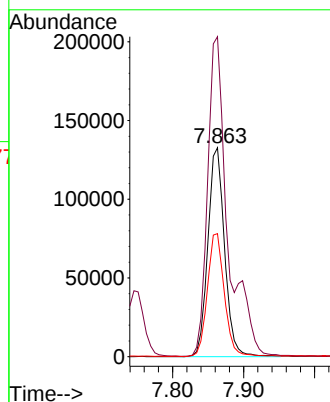
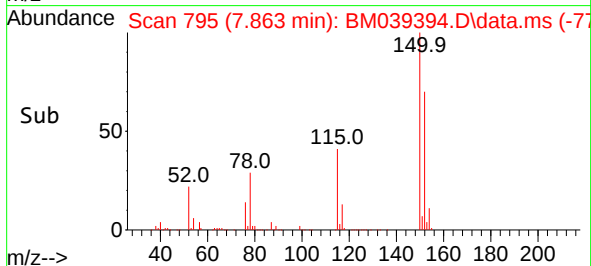
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



Tgt Ion: 152 Resp: 21753
Ion Ratio Lower Upper
152 100
150 153.1 125.5 188.3
115 58.9 48.1 72.1

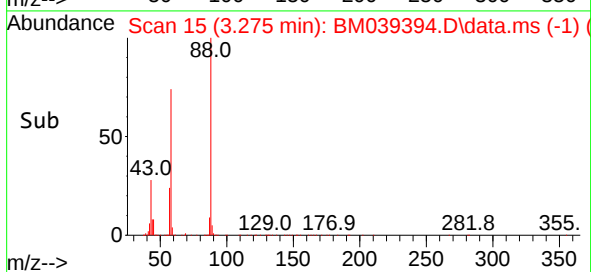
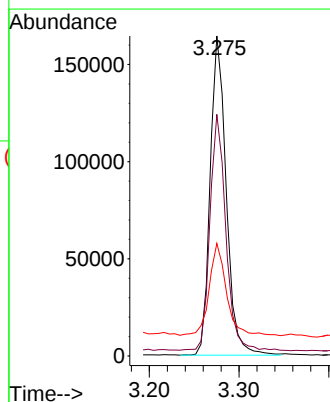
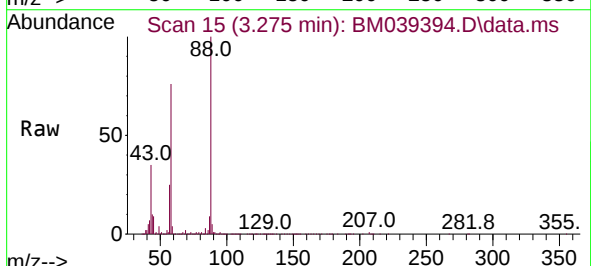
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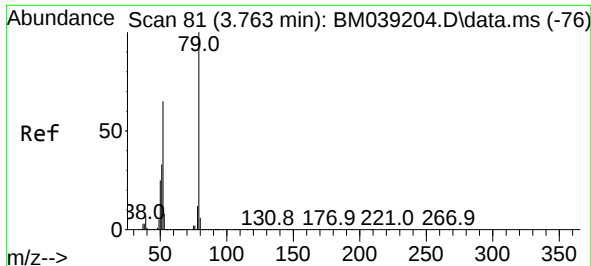
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#2
1,4-Dioxane
Concen: 34.540 ng
RT: 3.275 min Scan# 15
Delta R.T. -0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

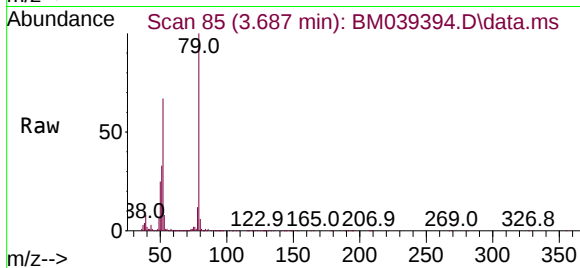
Tgt Ion: 88 Resp: 203846
Ion Ratio Lower Upper
88 100
58 73.5 57.9 86.9
43 31.2 21.4 32.2





#3
Pyridine
Concen: 31.114 ng
RT: 3.687 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

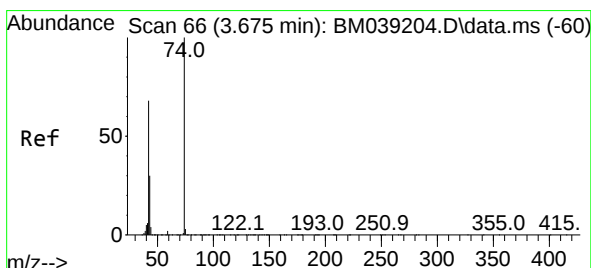
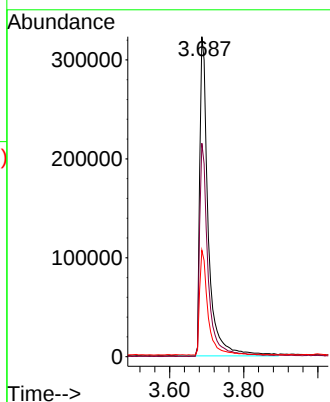
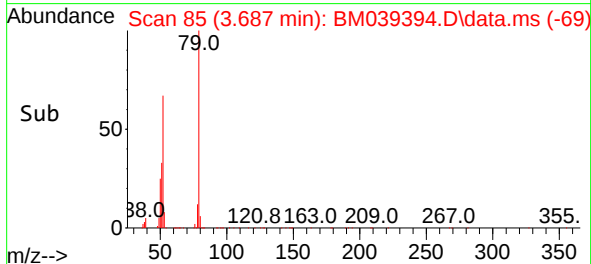
Instrument :
BNA_M
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CHRT-20424MS



Tgt Ion: 79 Resp: 51442
Ion Ratio Lower Upper
79 100
52 66.7 52.0 78.0
51 33.3 26.4 39.6

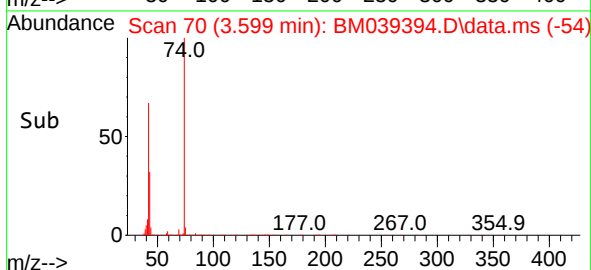
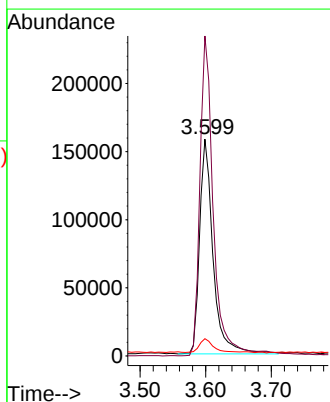
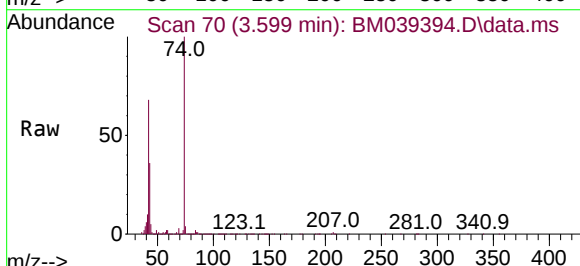
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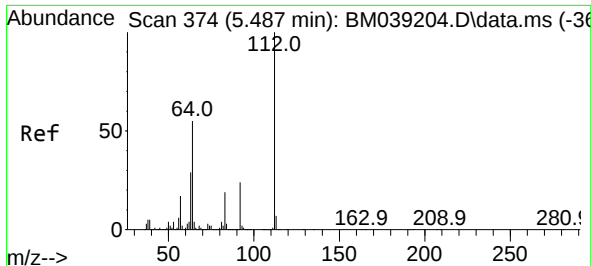
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#4
n-Nitrosodimethylamine
Concen: 34.854 ng
RT: 3.599 min Scan# 70
Delta R.T. -0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

Tgt Ion: 42 Resp: 226322
Ion Ratio Lower Upper
42 100
74 147.6 118.1 177.1
44 8.0 6.3 9.5





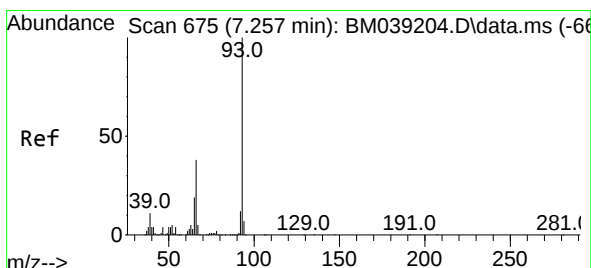
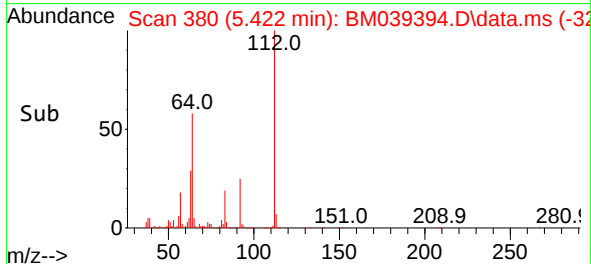
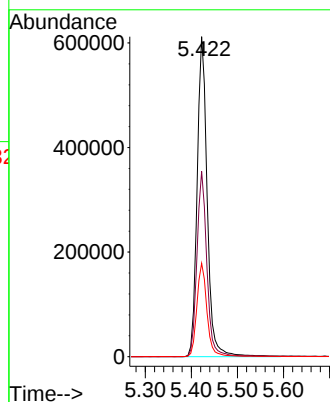
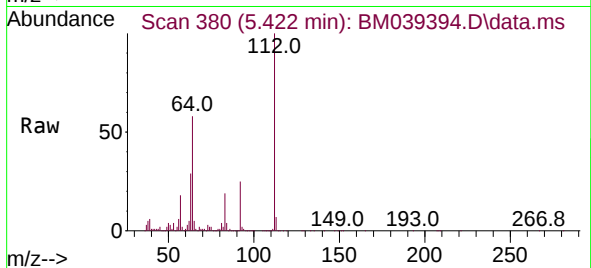
#5
2-Fluorophenol
Concen: 64.341 ng
RT: 5.422 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

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ClientSampleId :
CHRT-20424MS

Tgt Ion:112 Resp: 92901
Ion Ratio Lower Upper
112 100
64 57.9 44.3 66.5
63 29.2 23.0 34.6

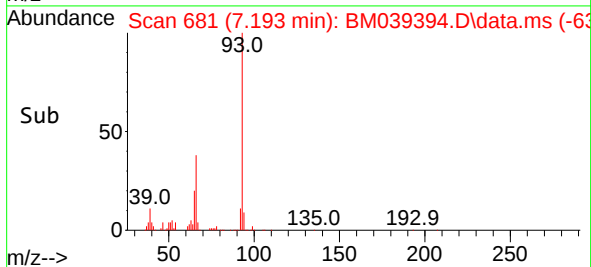
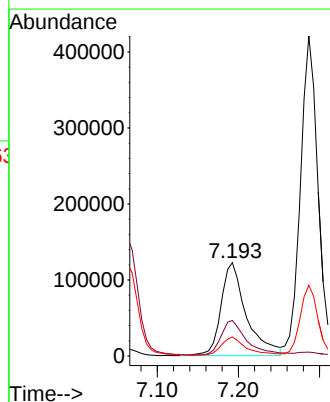
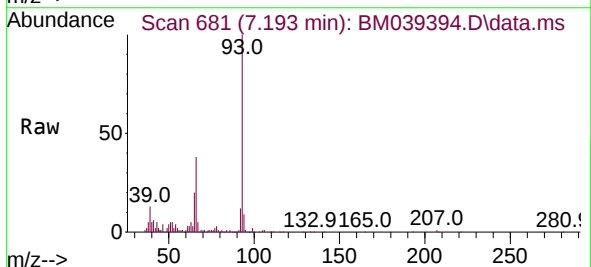
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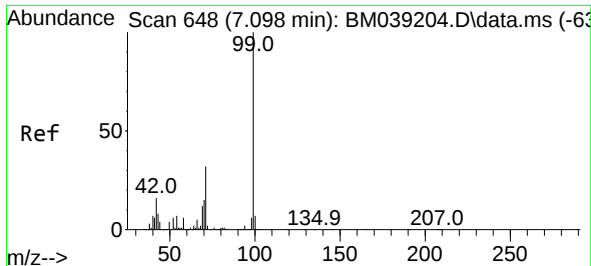
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#6
Aniline
Concen: 11.520 ng
RT: 7.193 min Scan# 681
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

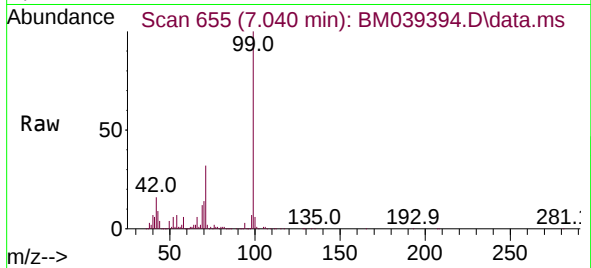
Tgt Ion: 93 Resp: 266280
Ion Ratio Lower Upper
93 100
66 38.0 30.1 45.1
65 20.3 15.5 23.3





#7
Phenol-d6
Concen: 63.083 ng
RT: 7.040 min Scan# 648
Delta R.T. 0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

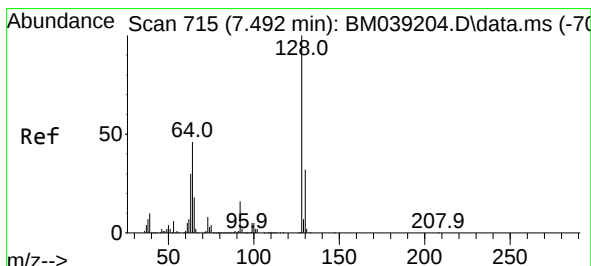
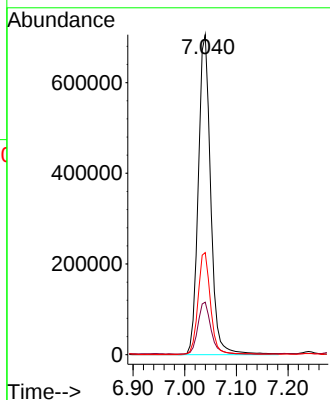
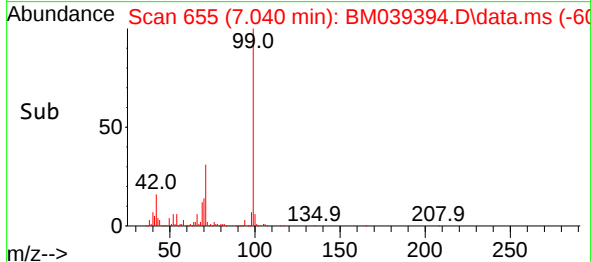
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Tgt Ion: 99 Resp: 1178109
Ion Ratio Lower Upper
99 100
42 16.4 13.0 19.6
71 31.9 25.5 38.3

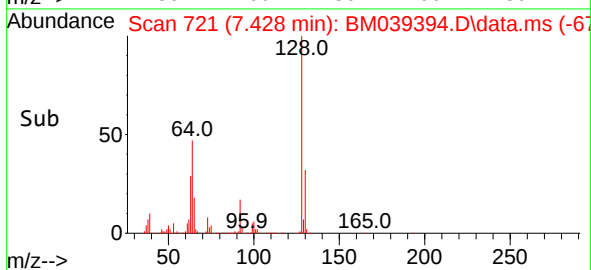
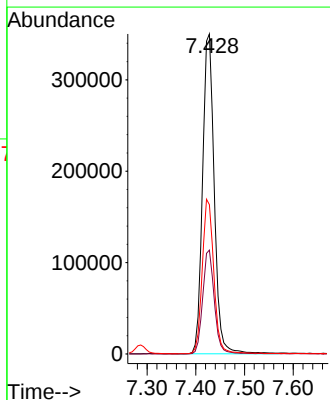
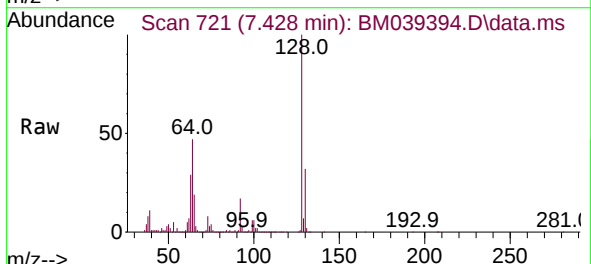
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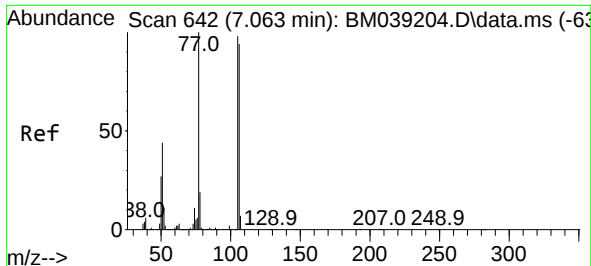
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#8
2-Chlorophenol
Concen: 39.510 ng
RT: 7.428 min Scan# 721
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

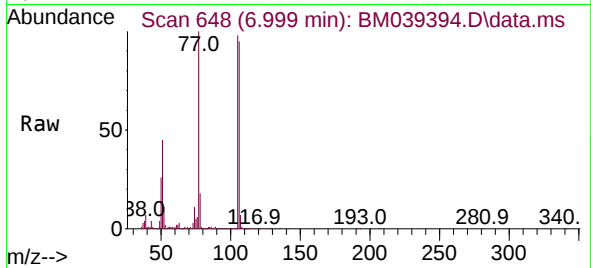
Tgt Ion:128 Resp: 583883
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 46.7 25.9 65.9





#9
Benzaldehyde
Concen: 35.207 ng
RT: 6.999 min Scan# 642
Delta R.T. -0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

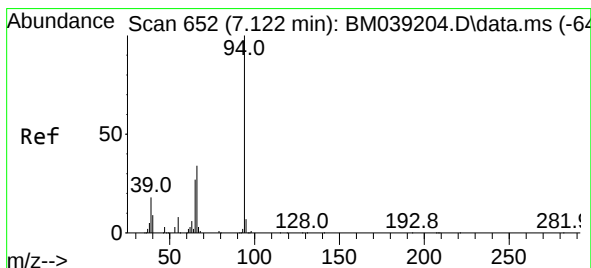
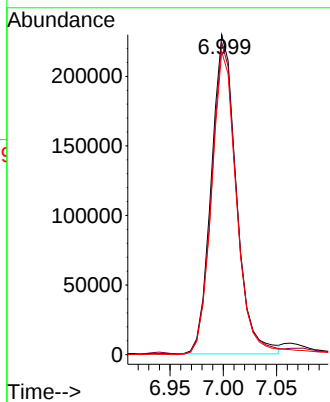
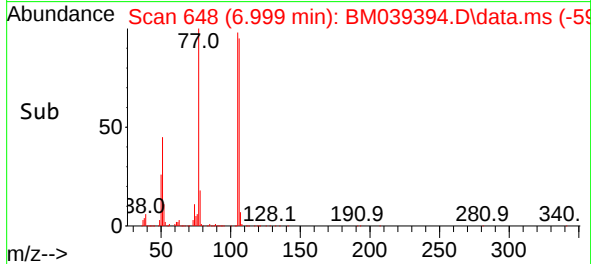
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BNA_M
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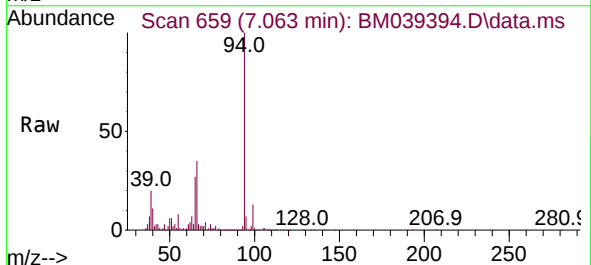
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Ion Ratio Lower Upper
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105 97.5 78.2 118.2
106 94.7 73.8 113.8

Manual Integrations
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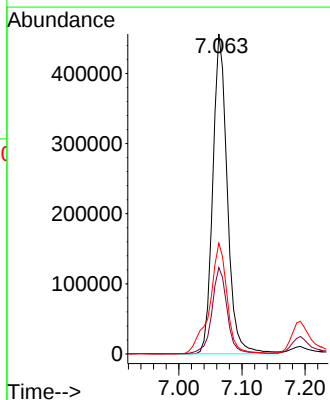
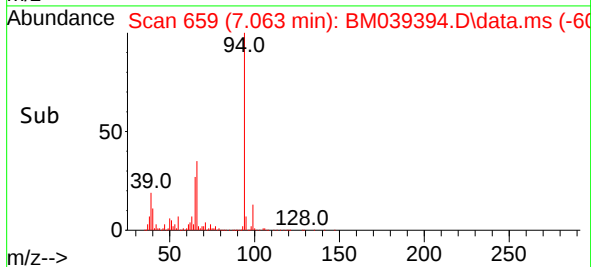
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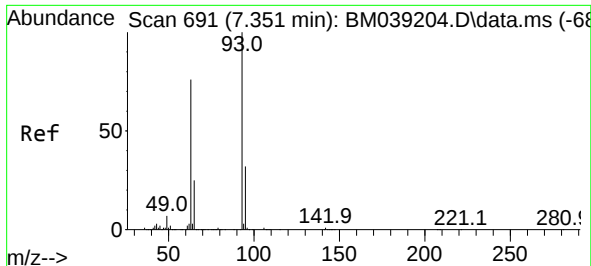


#10
Phenol
Concen: 38.828 ng
RT: 7.063 min Scan# 659
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



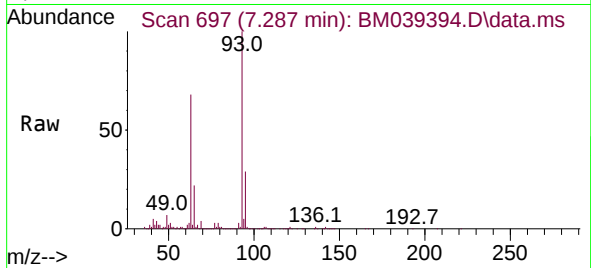
Tgt Ion: 94 Resp: 726677
Ion Ratio Lower Upper
94 100
65 27.0 7.2 47.2
66 34.6 15.2 55.2





#11
bis(2-Chloroethyl)ether
Concen: 43.498 ng
RT: 7.287 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

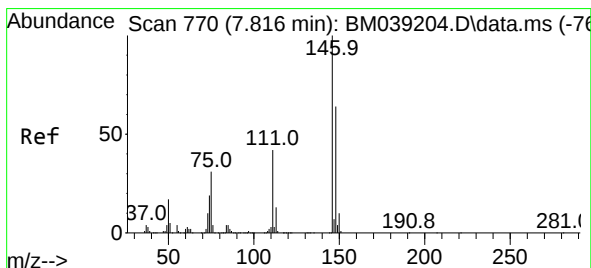
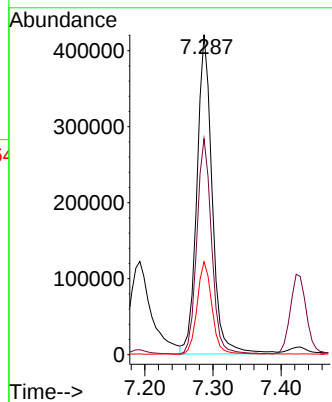
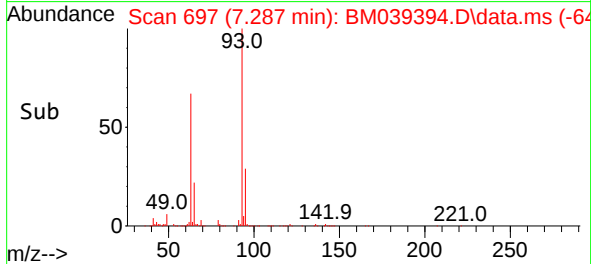
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



Tgt Ion: 93 Resp: 654911
Ion Ratio Lower Upper
93 100
63 67.5 55.5 95.5
95 29.1 12.2 52.2

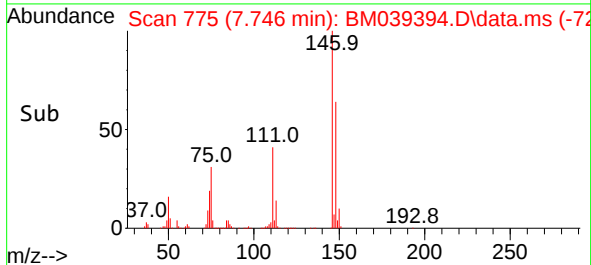
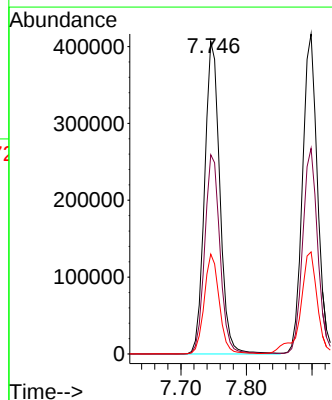
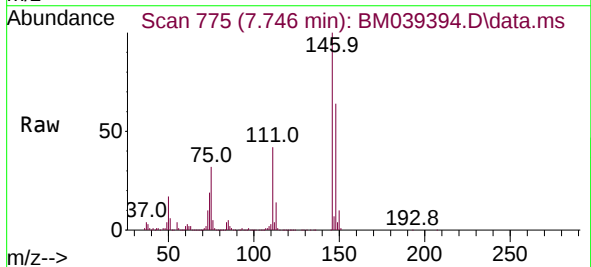
Manual Integrations
APPROVED

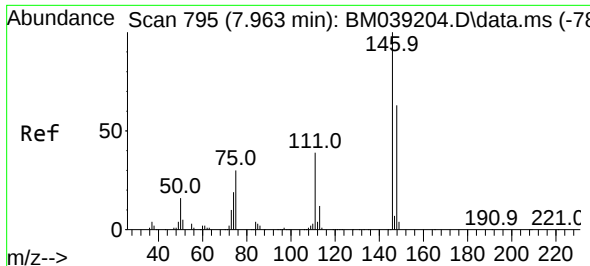
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#12
1,3-Dichlorobenzene
Concen: 42.078 ng
RT: 7.746 min Scan# 775
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

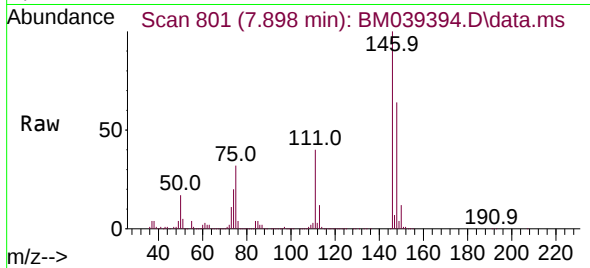
Tgt Ion:146 Resp: 659474
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 31.9 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 41.668 ng
RT: 7.898 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

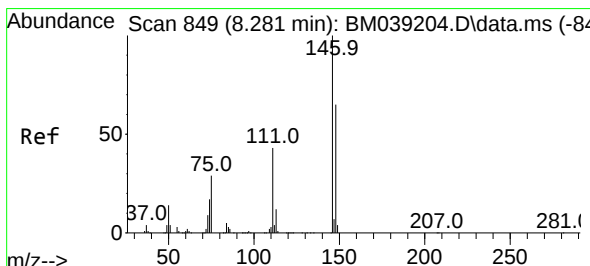
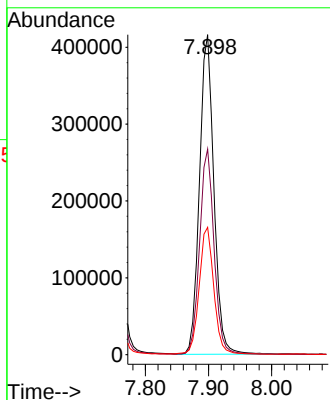
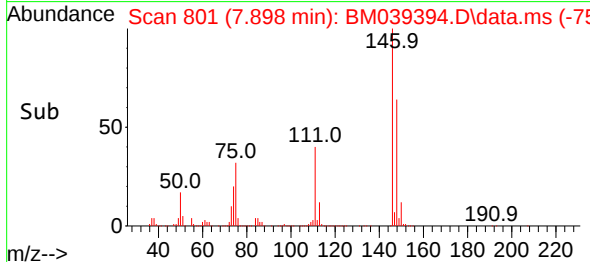
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



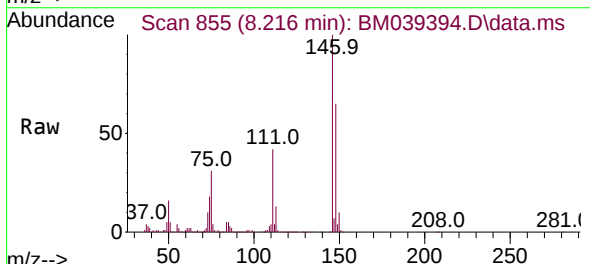
Tgt Ion:146 Resp: 660330
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 39.8 31.5 47.3

Manual Integrations
APPROVED

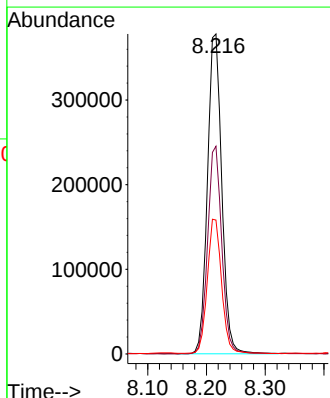
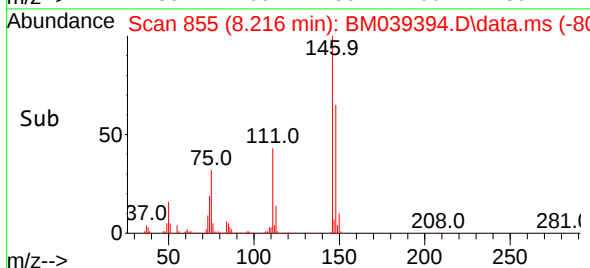
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

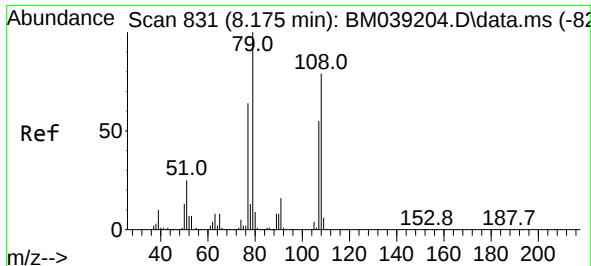


#14
1,2-Dichlorobenzene
Concen: 42.084 ng
RT: 8.216 min Scan# 855
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



Tgt Ion:146 Resp: 637712
Ion Ratio Lower Upper
146 100
148 64.9 52.1 78.1
111 41.8 34.5 51.7





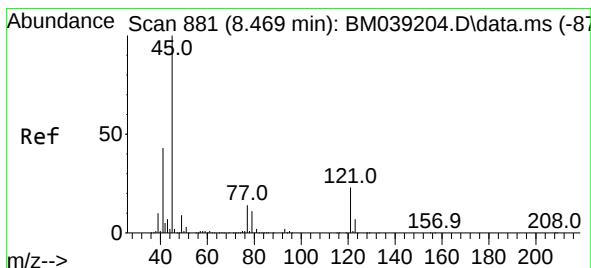
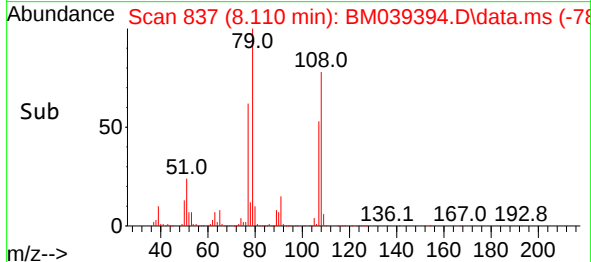
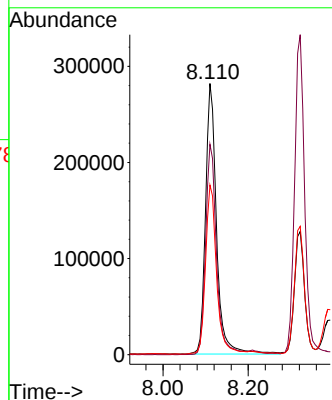
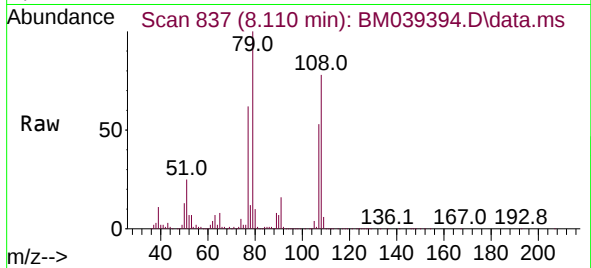
#15
Benzyl Alcohol
Concen: 39.307 ng
RT: 8.110 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS

Tgt Ion: 79 Resp: 504890
Ion Ratio Lower Upper
79 100
108 77.6 63.4 95.0
77 62.5 51.5 77.3

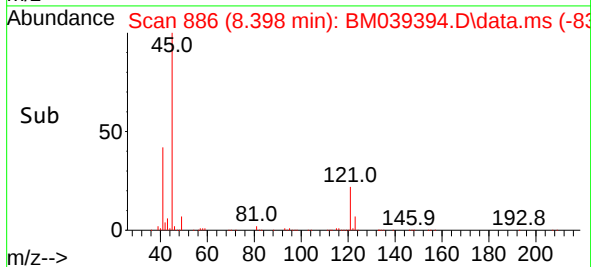
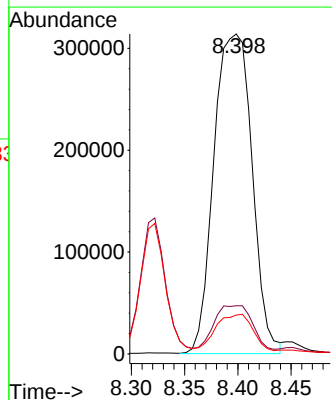
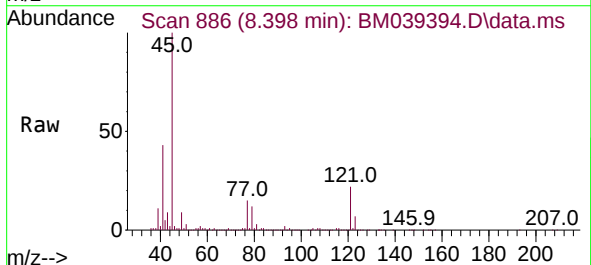
Manual Integrations
APPROVED

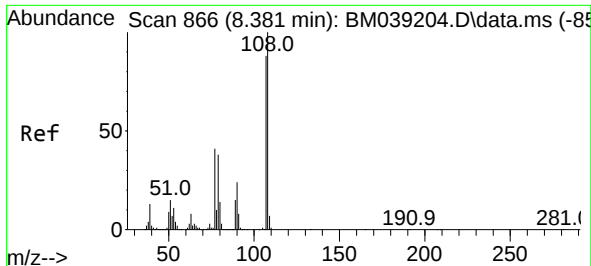
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.727 ng m
RT: 8.398 min Scan# 886
Delta R.T. -0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

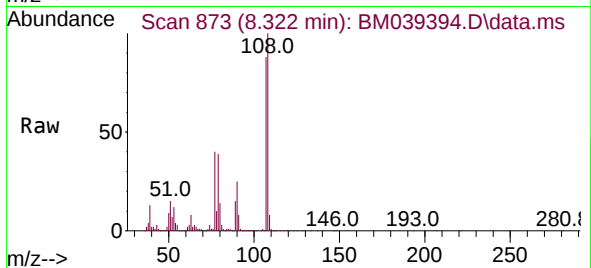
Tgt Ion: 45 Resp: 784311
Ion Ratio Lower Upper
45 100
77 15.1 0.0 35.1
79 12.2 0.0 32.2





#17
2-Methylphenol
Concen: 36.494 ng
RT: 8.322 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

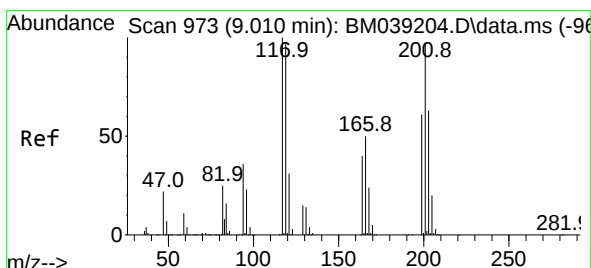
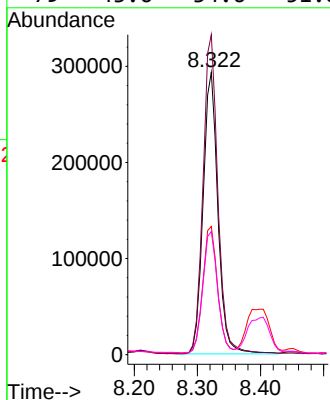
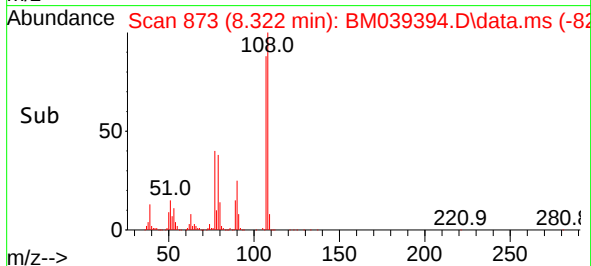
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



Tgt Ion:107 Resp: 477850
Ion Ratio Lower Upper
107 100
108 113.3 90.6 136.0
77 45.4 37.0 55.4
79 43.6 34.6 51.8

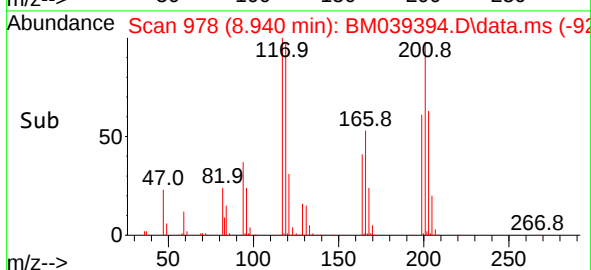
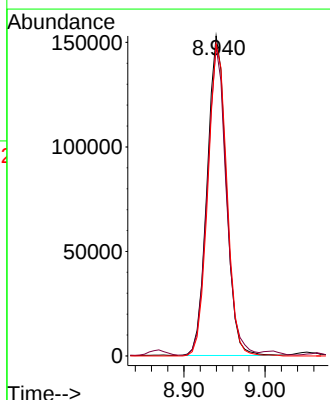
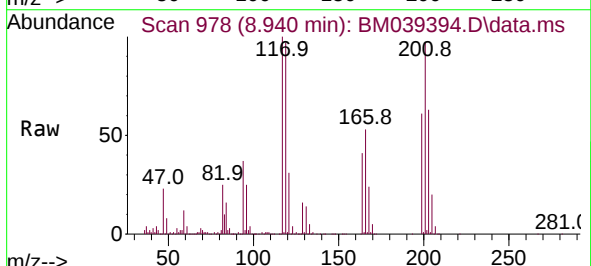
Manual Integrations
APPROVED

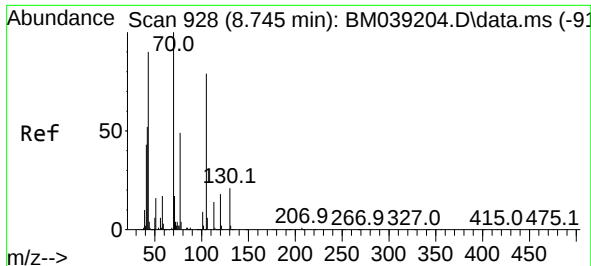
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#18
Hexachloroethane
Concen: 40.554 ng
RT: 8.940 min Scan# 978
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

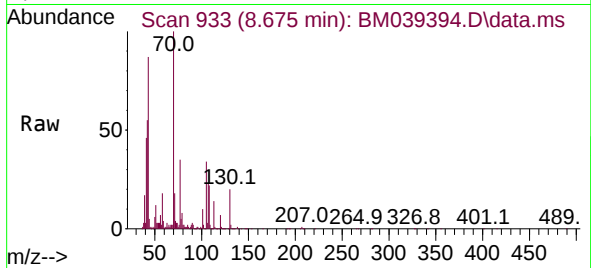
Tgt Ion:117 Resp: 248600
Ion Ratio Lower Upper
117 100
119 96.7 77.8 116.8
201 97.4 77.3 115.9





#19
n-Nitroso-di-n-propylamine
Concen: 36.679 ng
RT: 8.675 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

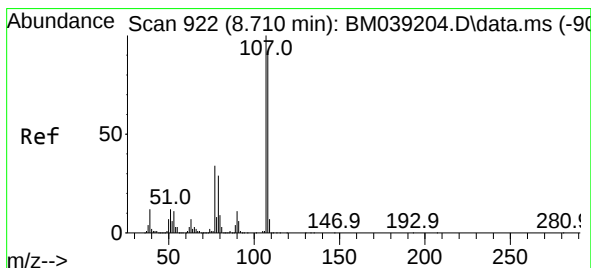
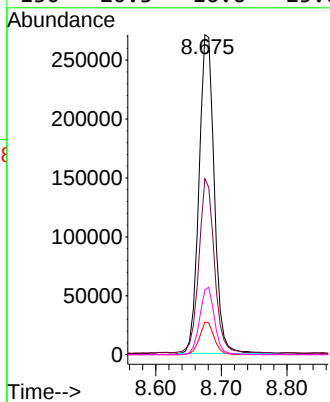
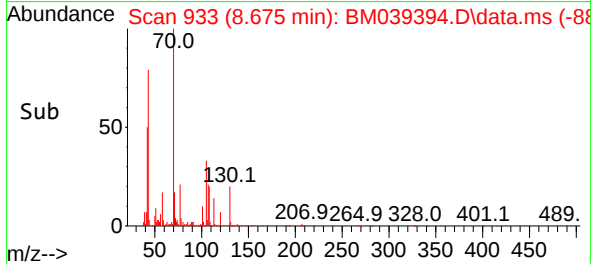
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



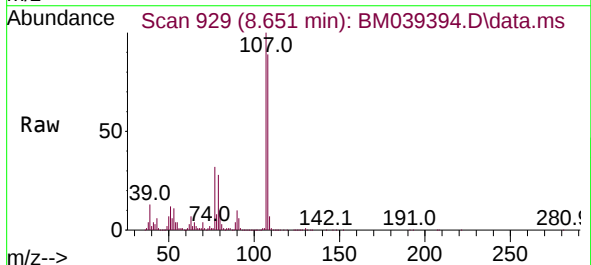
Tgt Ion: 70 Resp: 437878
Ion Ratio Lower Upper
70 100
42 54.9 42.2 63.2
101 10.2 7.6 11.4
130 20.3 16.6 25.0

Manual Integrations
APPROVED

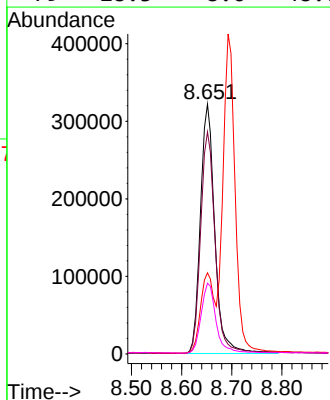
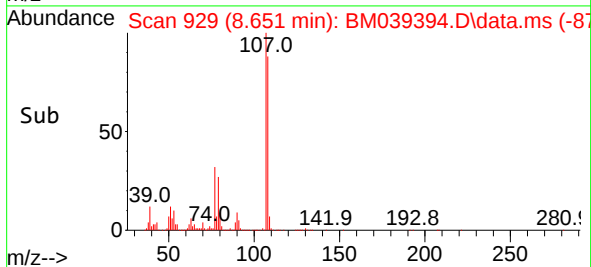
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

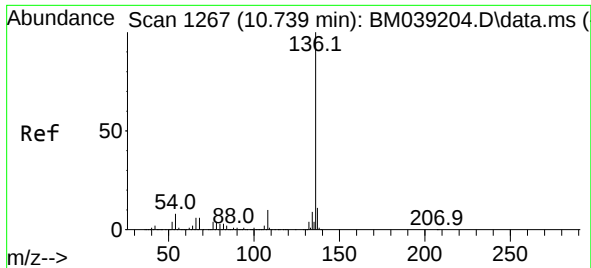


#20
3+4-Methylphenols
Concen: 36.433 ng
RT: 8.651 min Scan# 929
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



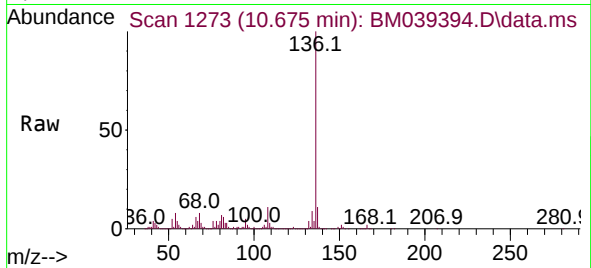
Tgt Ion:107 Resp: 641048
Ion Ratio Lower Upper
107 100
108 88.9 72.1 112.1
77 32.5 13.7 53.7
79 28.3 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

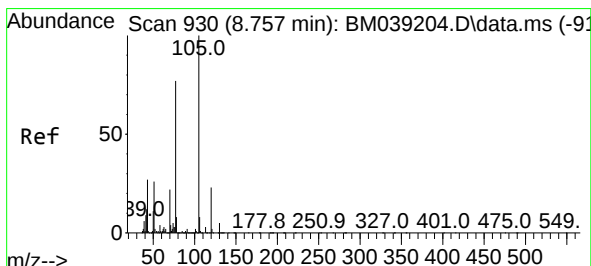
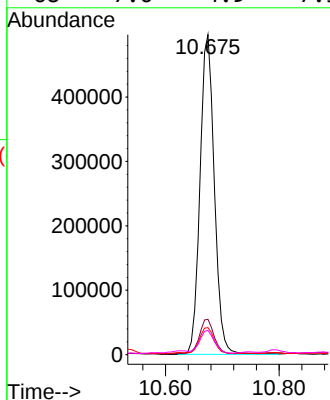
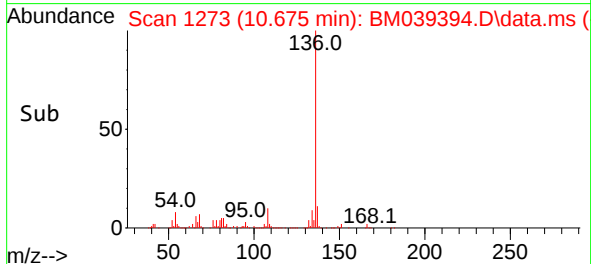
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



Tgt Ion:136 Resp: 868169
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.4 6.2 9.4
68 7.6 4.9 7.3#

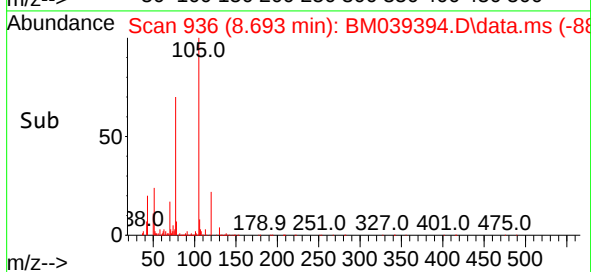
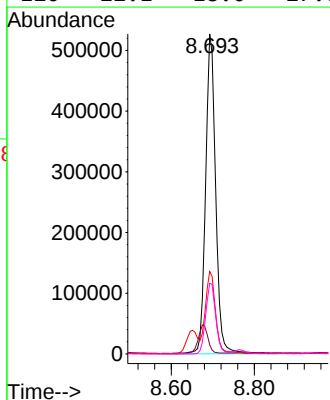
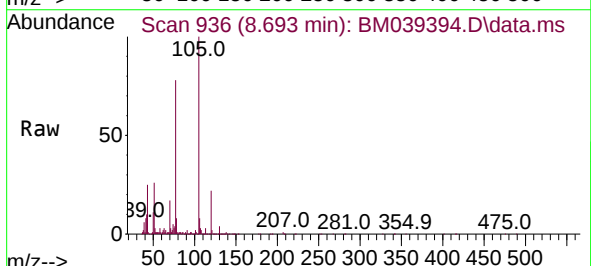
Manual Integrations
APPROVED

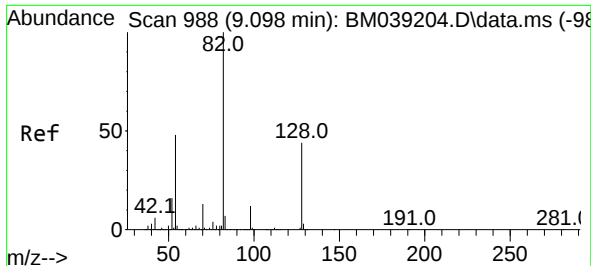
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#22
Acetophenone
Concen: 38.268 ng
RT: 8.693 min Scan# 936
Delta R.T. -0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

Tgt Ion:105 Resp: 888288
Ion Ratio Lower Upper
105 100
71 2.8 2.8 4.2
51 25.8 20.6 31.0
120 22.1 18.0 27.0





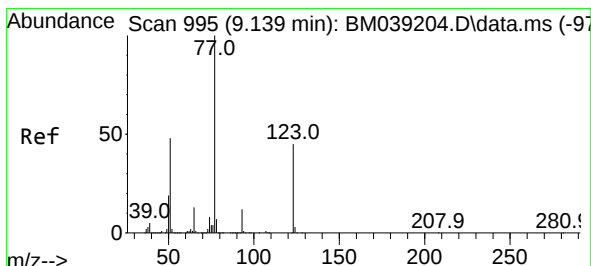
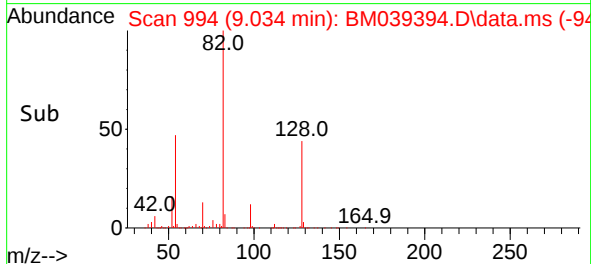
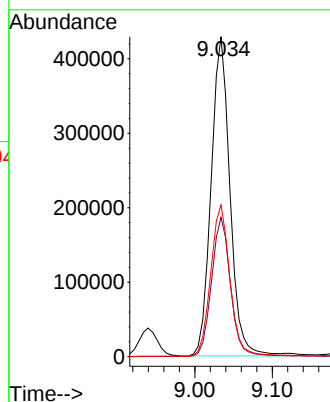
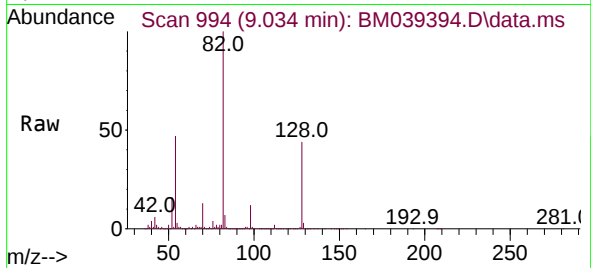
#23
Nitrobenzene-d5
Concen: 40.596 ng
RT: 9.034 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS

Tgt Ion: 82 Resp: 725145
Ion Ratio Lower Upper
82 100
128 43.6 35.1 52.7
54 47.4 38.5 57.7

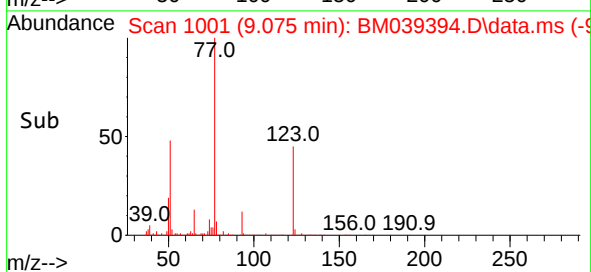
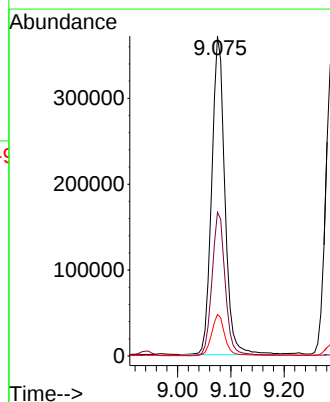
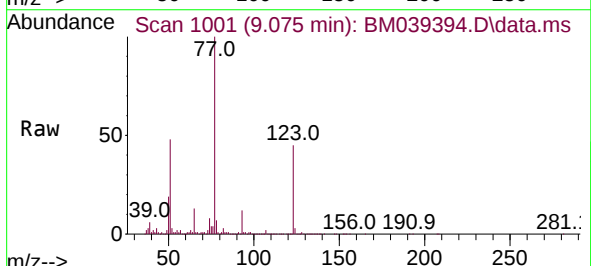
Manual Integrations
APPROVED

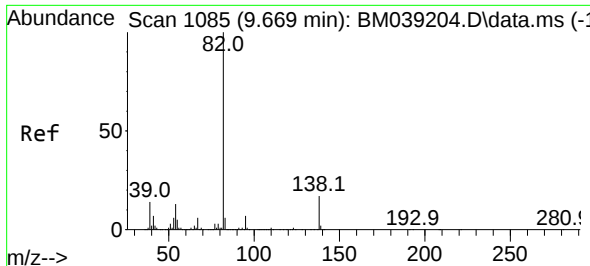
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#24
Nitrobenzene
Concen: 35.941 ng
RT: 9.075 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

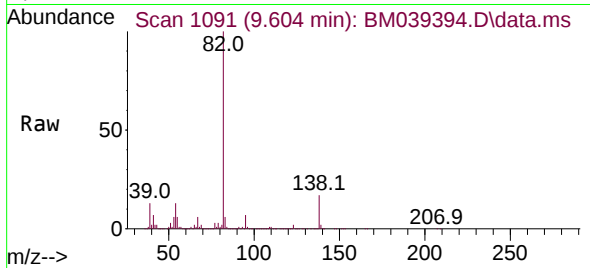
Tgt Ion: 77 Resp: 638572
Ion Ratio Lower Upper
77 100
123 44.9 36.2 54.2
65 13.0 10.6 15.8





#25
Isophorone
Concen: 36.851 ng
RT: 9.604 min Scan# 1091
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

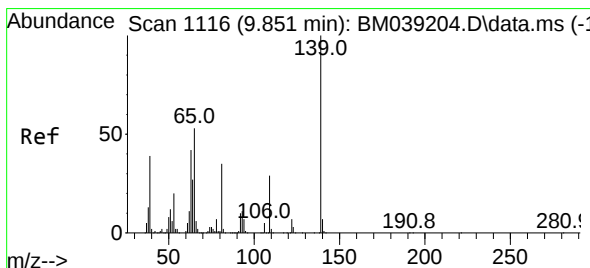
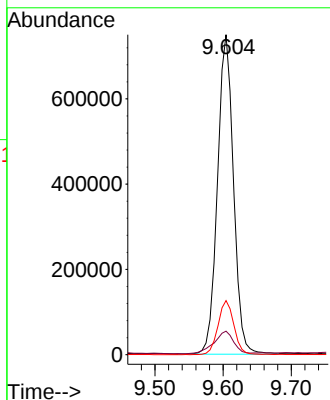
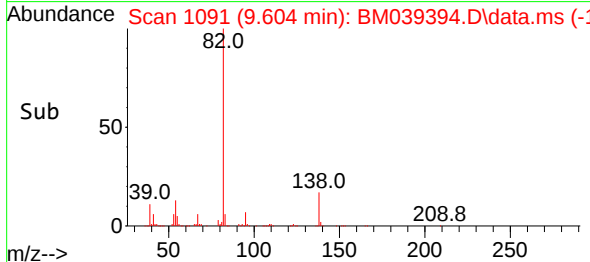
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



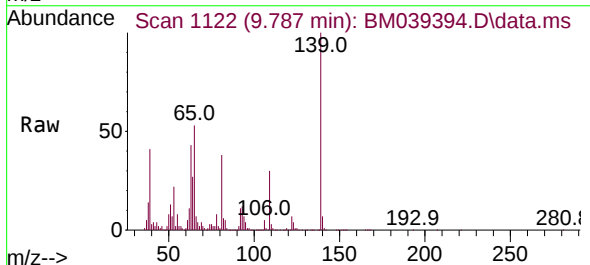
Tgt Ion: 82 Resp: 122800
Ion Ratio Lower Upper
82 100
95 7.4 5.2 7.8
138 16.9 13.5 20.3

Manual Integrations
APPROVED

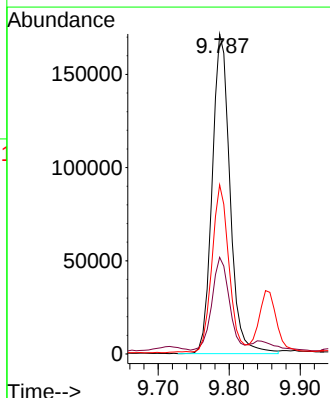
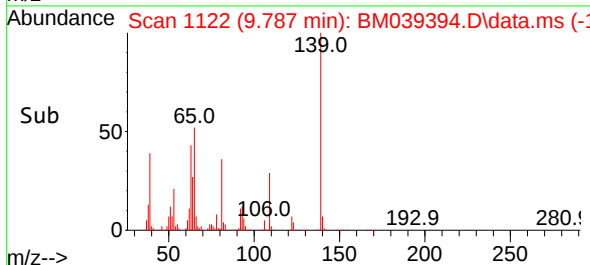
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

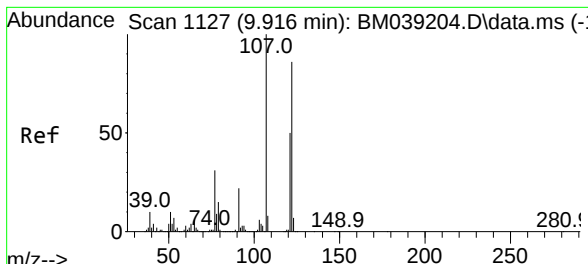


#26
2-Nitrophenol
Concen: 36.248 ng
RT: 9.787 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



Tgt Ion:139 Resp: 297708
Ion Ratio Lower Upper
139 100
109 30.2 23.4 35.0
65 52.9 42.2 63.2





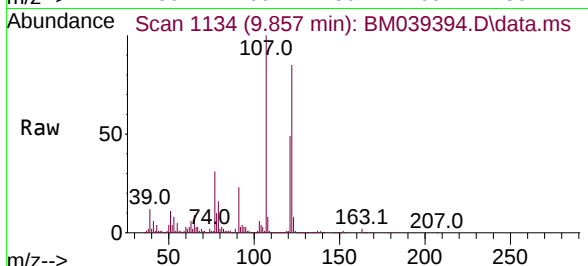
#27
2,4-Dimethylphenol
Concen: 38.112 ng
RT: 9.857 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MS

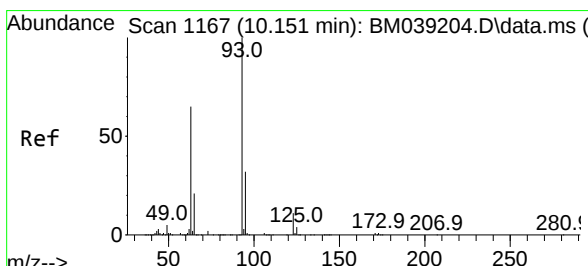
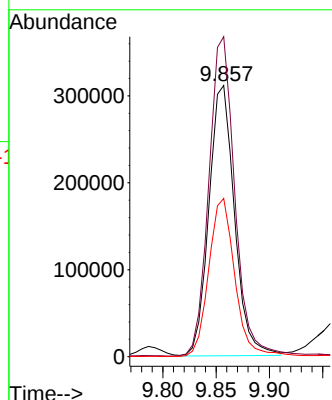
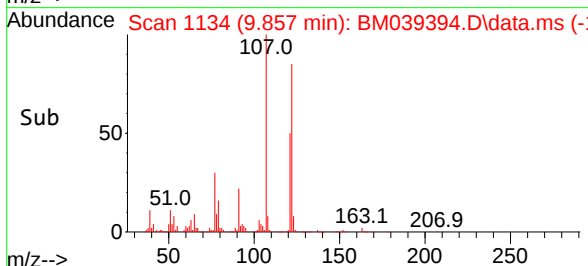


Tgt Ion:122 Resp: 520090
Ion Ratio Lower Upper
122 100
107 118.0 92.3 138.5
121 58.3 46.3 69.5

Manual Integrations

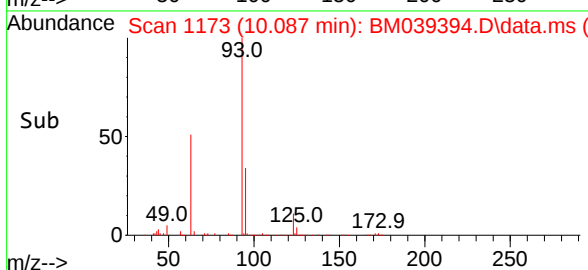
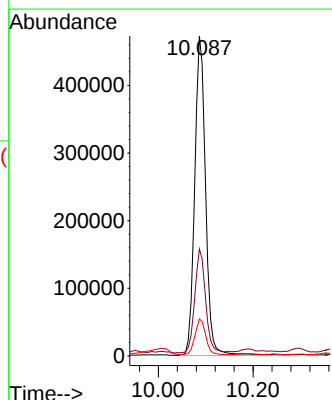
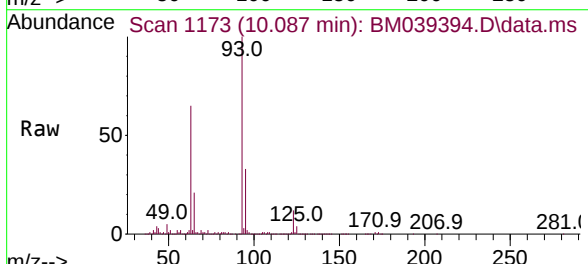
APPROVED

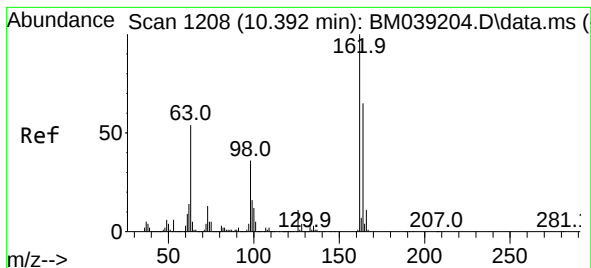
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#28
bis(2-Chloroethoxy)methane
Concen: 37.445 ng
RT: 10.087 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

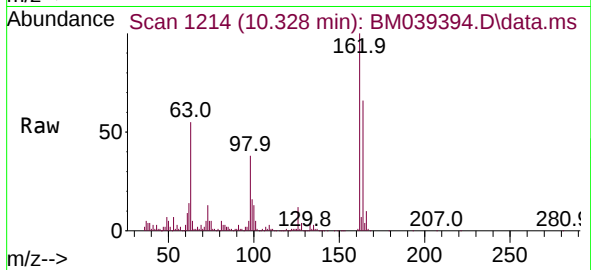
Tgt Ion: 93 Resp: 755355
Ion Ratio Lower Upper
93 100
95 33.4 25.8 38.8
123 11.6 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 39.580 ng
RT: 10.328 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

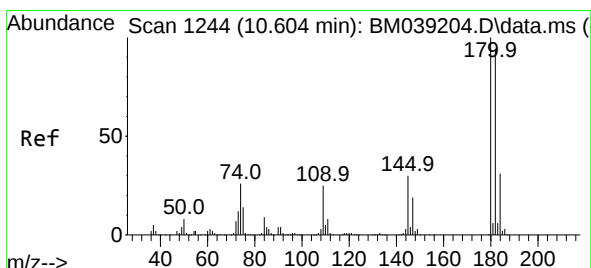
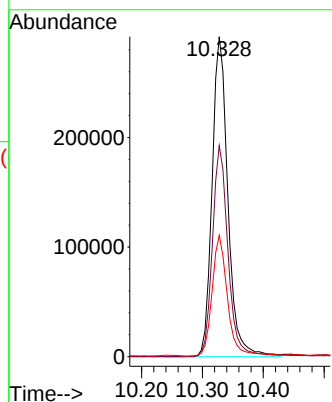
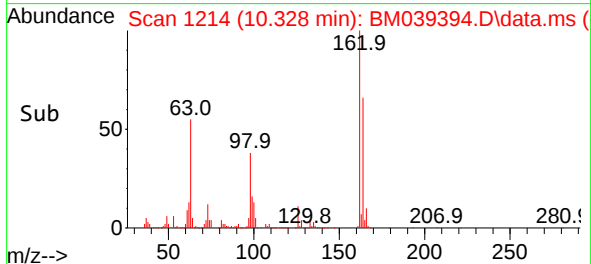
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



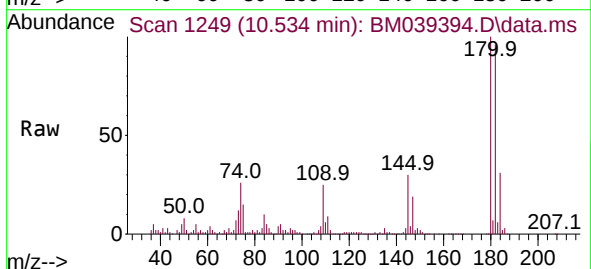
Tgt Ion:162 Resp: 526985
Ion Ratio Lower Upper
162 100
164 65.9 44.8 84.8
98 37.9 16.0 56.0

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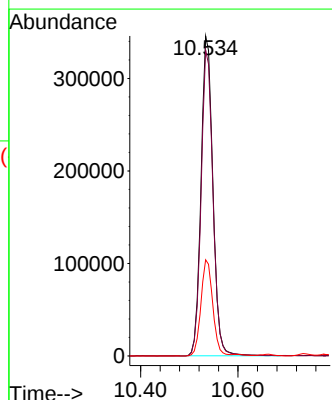
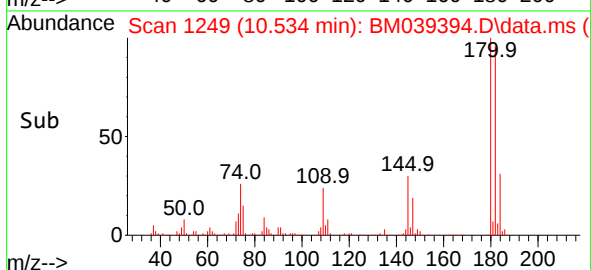
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

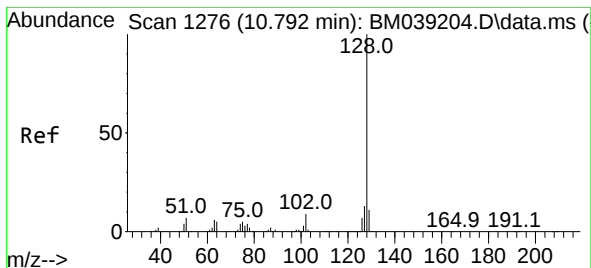


#30
1,2,4-Trichlorobenzene
Concen: 41.159 ng
RT: 10.534 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



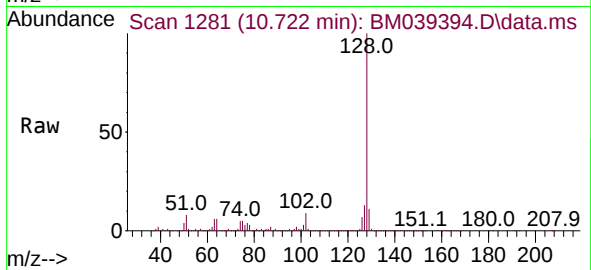
Tgt Ion:180 Resp: 586268
Ion Ratio Lower Upper
180 100
182 95.5 75.2 112.8
145 30.1 23.9 35.9





#31
Naphthalene
Concen: 38.985 ng
RT: 10.722 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

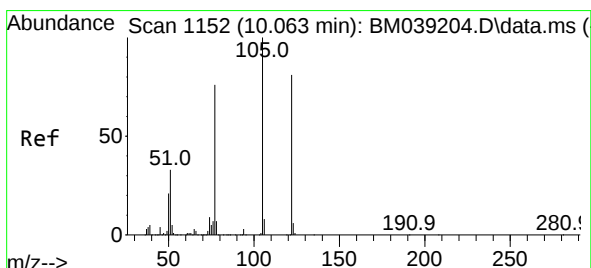
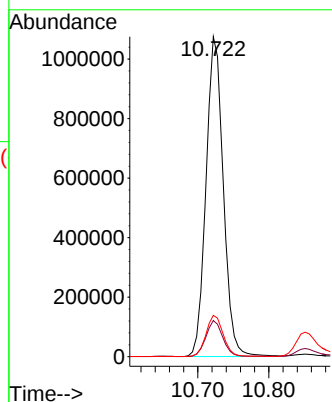
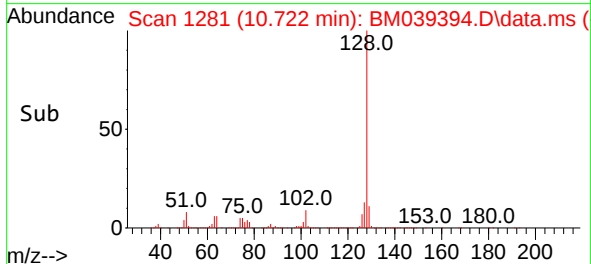
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



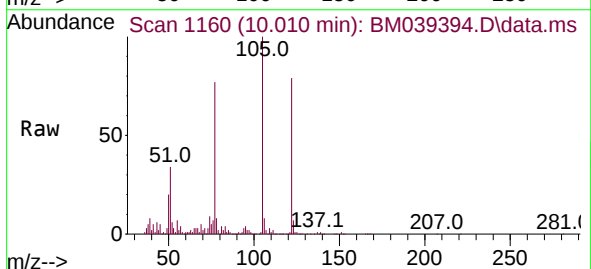
Tgt Ion:128 Resp: 182370
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 12.9 10.3 15.5

Manual Integrations
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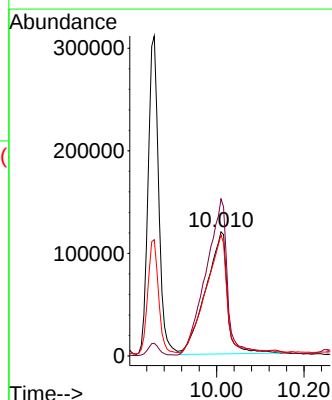
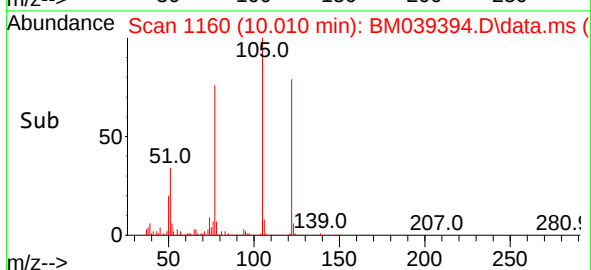
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

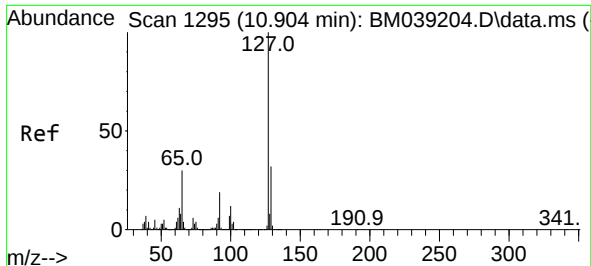


#32
Benzoic acid
Concen: 38.468 ng
RT: 10.010 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



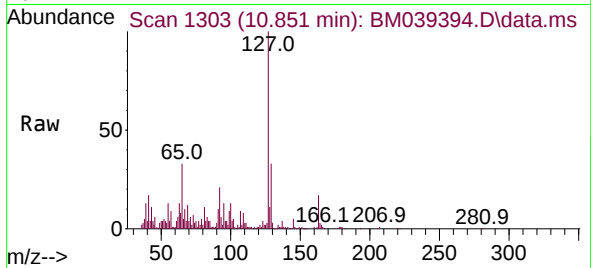
Tgt Ion:122 Resp: 409139
Ion Ratio Lower Upper
122 100
105 126.5 103.1 143.1
77 97.4 74.6 114.6





#33
4-Chloroaniline
Concen: 9.826 ng
RT: 10.851 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

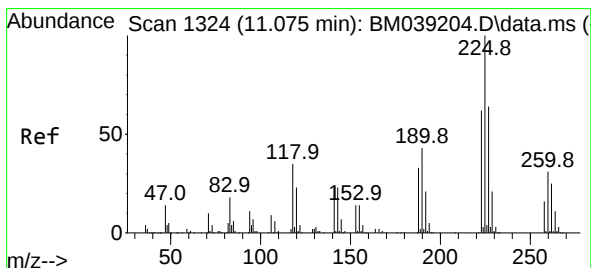
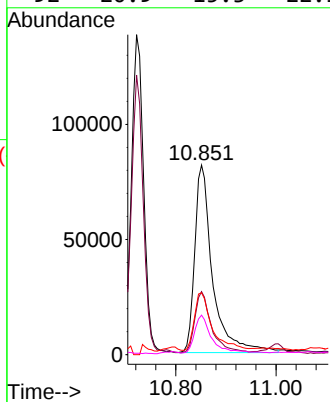
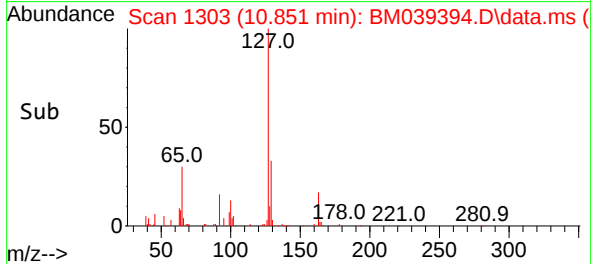
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



Tgt Ion:127 Resp: 20138
Ion Ratio Lower Upper
127 100
129 33.3 25.7 38.5
65 32.6 24.1 36.1
92 20.9 15.3 22.9

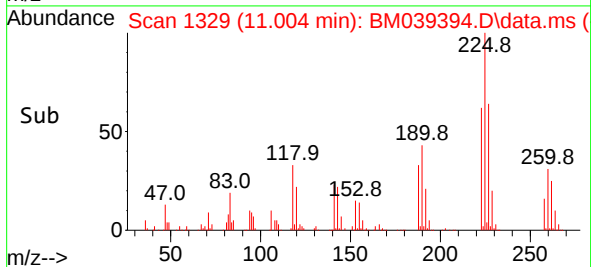
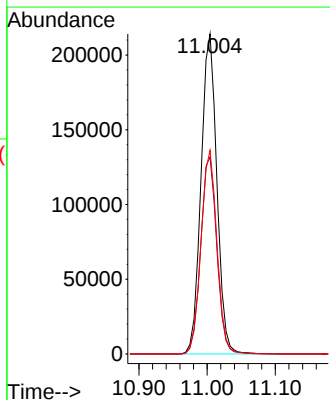
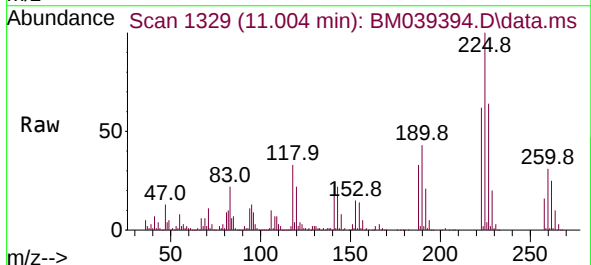
Manual Integrations
APPROVED

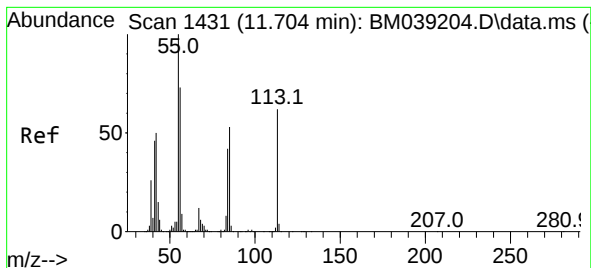
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#34
Hexachlorobutadiene
Concen: 41.285 ng
RT: 11.004 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

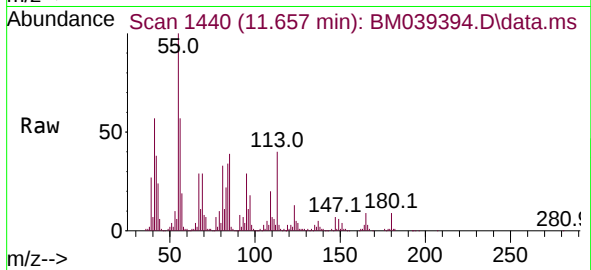
Tgt Ion:225 Resp: 345793
Ion Ratio Lower Upper
225 100
223 61.6 49.8 74.6
227 63.6 51.6 77.4





#35
Caprolactam
Concen: 38.381 ng
RT: 11.657 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

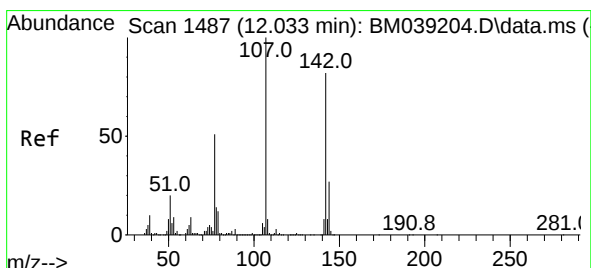
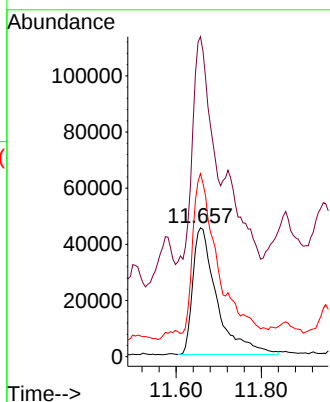
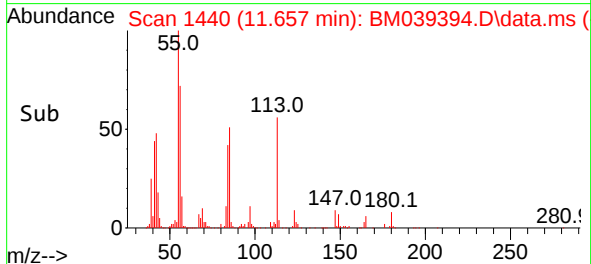
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



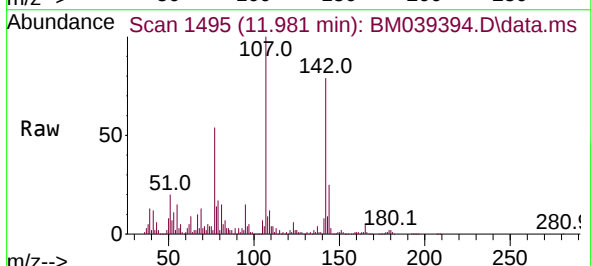
Tgt Ion:113 Resp: 17743
Ion Ratio Lower Upper
113 100
55 248.5 141.8 181.8
56 142.2 98.3 138.3

Manual Integrations
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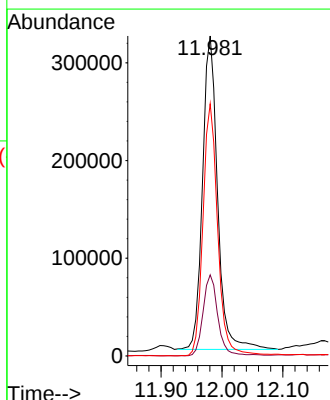
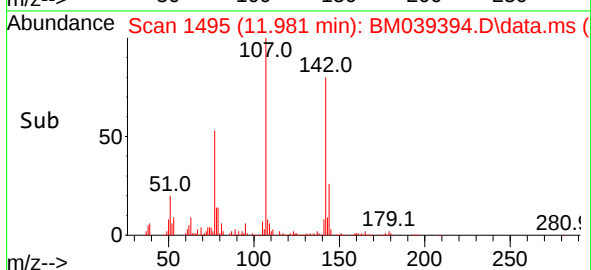
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

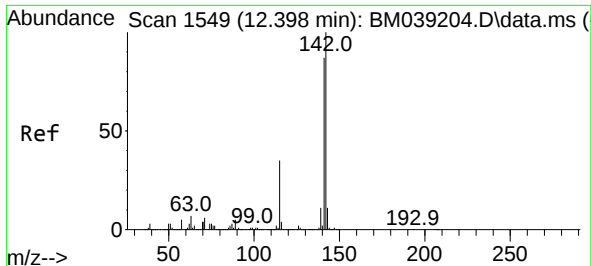


#36
4-Chloro-3-methylphenol
Concen: 37.550 ng
RT: 11.981 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



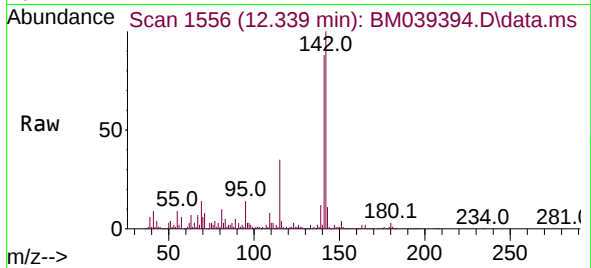
Tgt Ion:107 Resp: 551612
Ion Ratio Lower Upper
107 100
144 25.3 21.4 32.2
142 78.8 65.2 97.8





#37
2-Methylnaphthalene
Concen: 36.866 ng
RT: 12.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

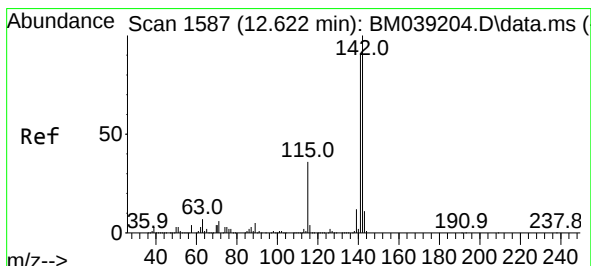
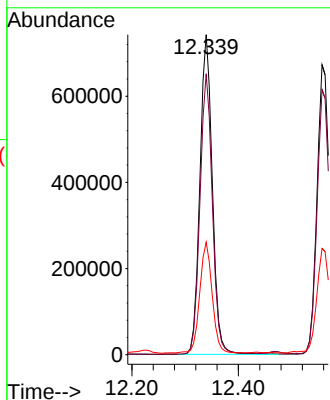
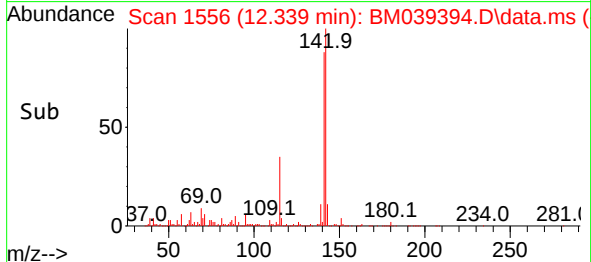
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



Tgt Ion:142 Resp: 1200584
Ion Ratio Lower Upper
142 100
141 87.8 69.8 104.8
115 35.2 27.8 41.8

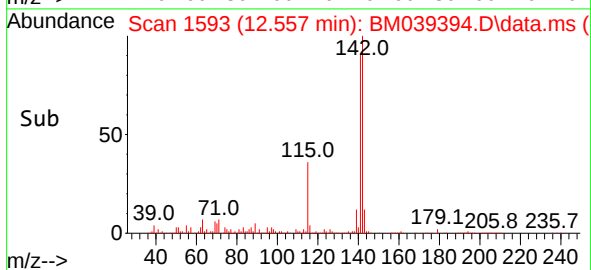
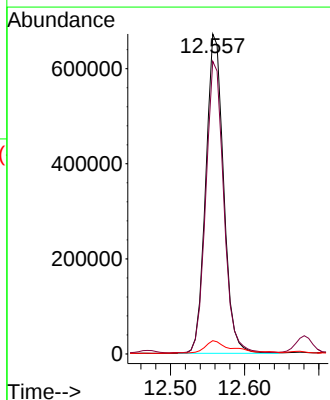
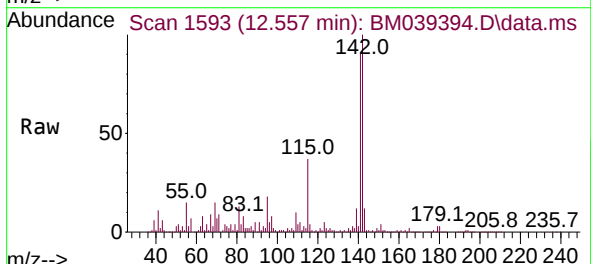
Manual Integrations
APPROVED

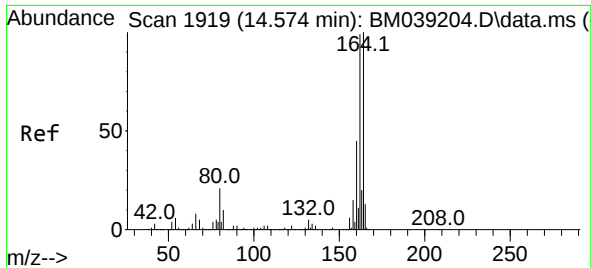
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#38
1-Methylnaphthalene
Concen: 36.730 ng
RT: 12.557 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

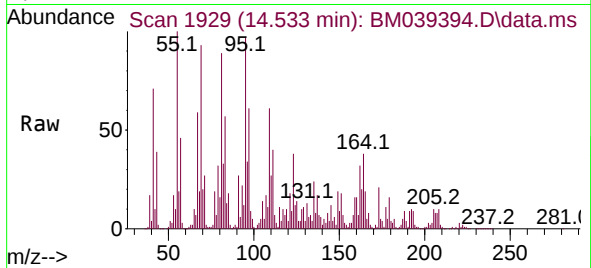
Tgt Ion:142 Resp: 1120009
Ion Ratio Lower Upper
142 100
141 91.4 73.2 109.8
116 4.2 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1919
Delta R.T. 0.018 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

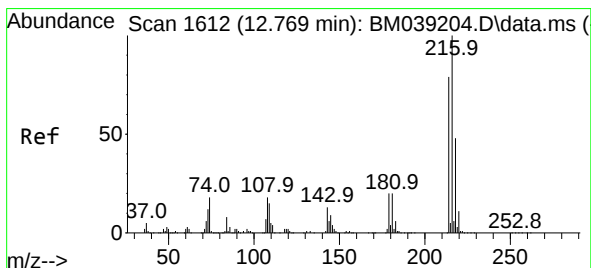
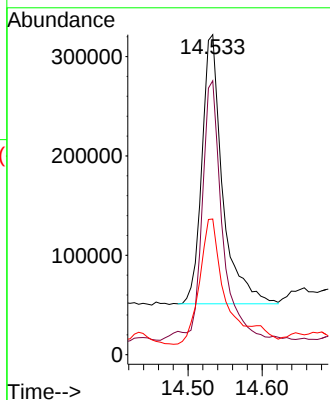
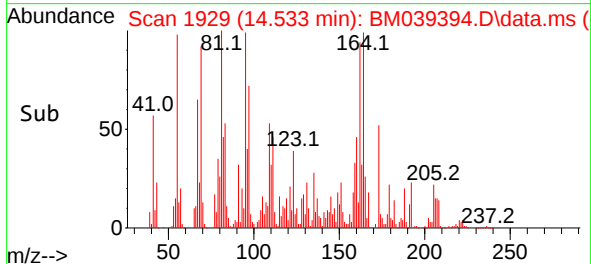
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



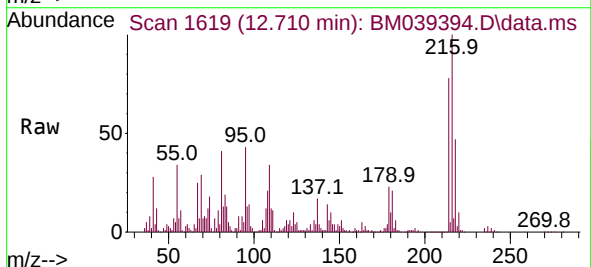
Tgt Ion:164 Resp: 52568
Ion Ratio Lower Upper
164 100
162 85.6 79.1 118.7
160 42.4 35.8 53.8

Manual Integrations
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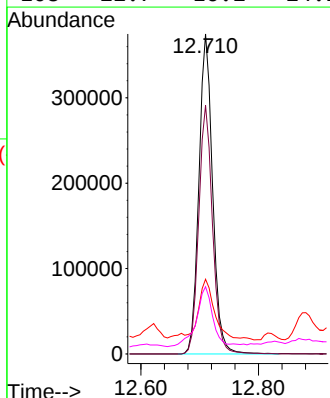
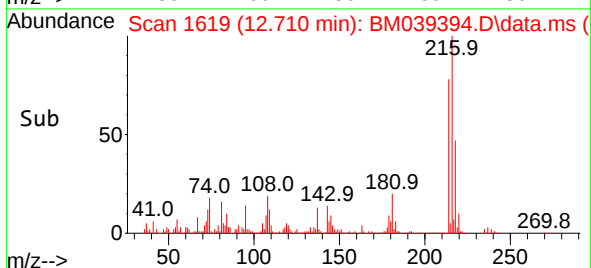
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

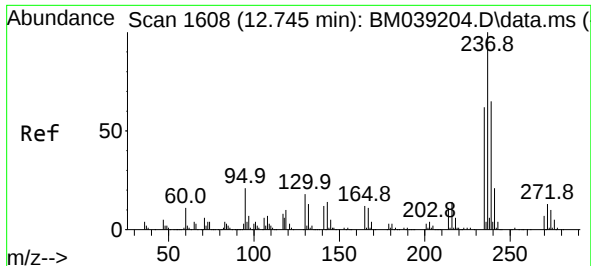


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.957 ng
RT: 12.710 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



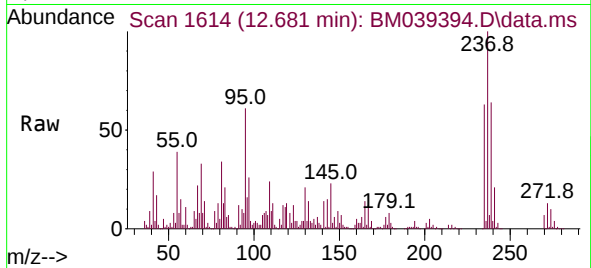
Tgt Ion:216 Resp: 607502
Ion Ratio Lower Upper
216 100
214 78.3 62.8 94.2
179 24.8 16.8 25.2
108 22.7 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 50.547 ng
RT: 12.681 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

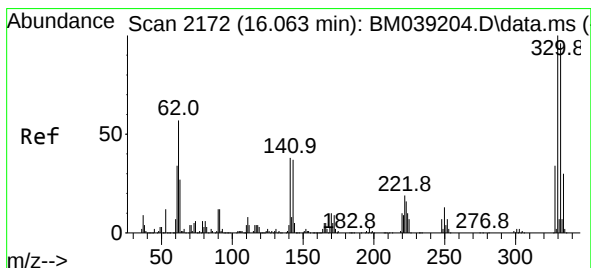
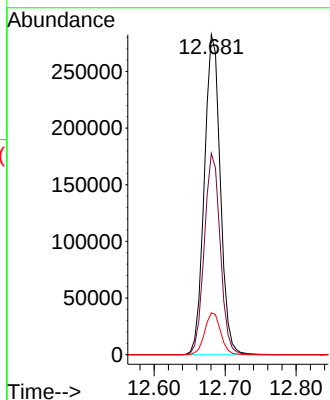
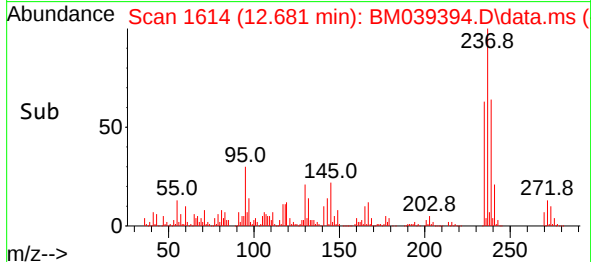
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



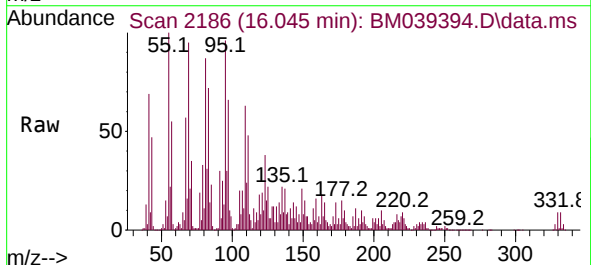
Tgt Ion:237 Resp: 441970
Ion Ratio Lower Upper
237 100
235 62.9 41.6 81.6
272 13.1 0.0 33.2

Manual Integrations
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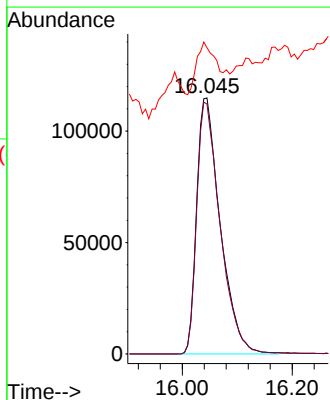
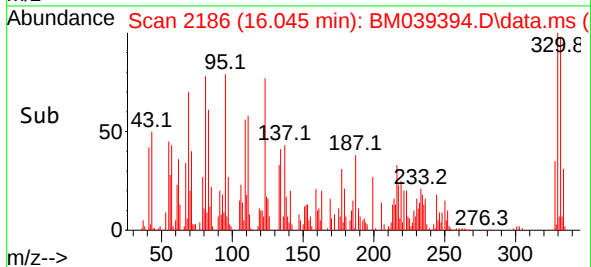
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

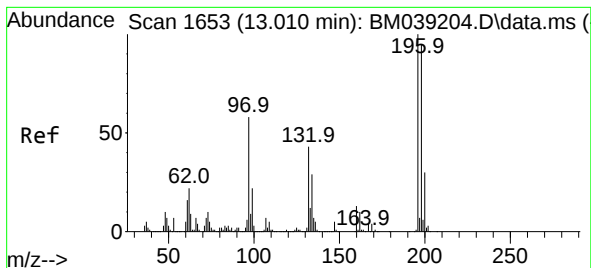


#42
2,4,6-Tribromophenol
Concen: 51.267 ng
RT: 16.045 min Scan# 2186
Delta R.T. 0.030 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



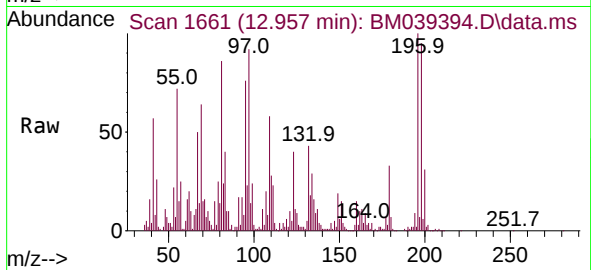
Tgt Ion:330 Resp: 342105
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.0
141 16.9 29.8 44.6#





#43
2,4,6-Trichlorophenol
Concen: 37.274 ng
RT: 12.957 min Scan# 1661
Delta R.T. 0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

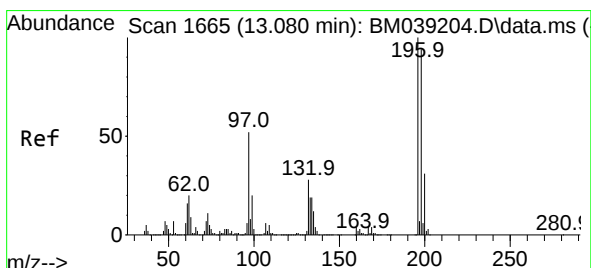
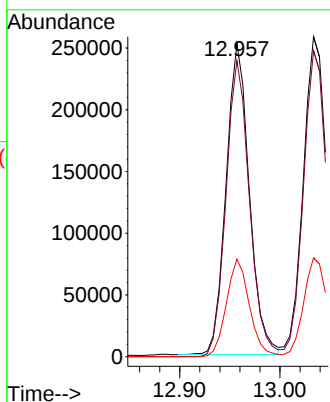
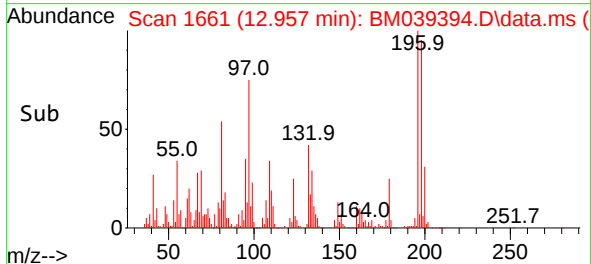
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



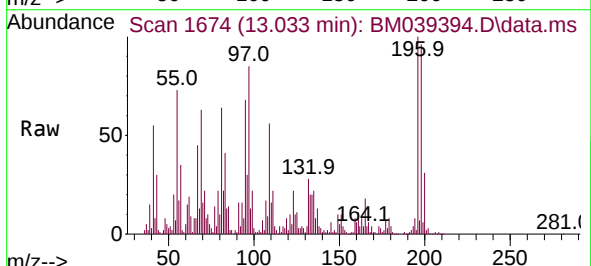
Tgt Ion:196 Resp: 406852
Ion Ratio Lower Upper
196 100
198 94.5 76.2 114.2
200 31.2 24.2 36.2

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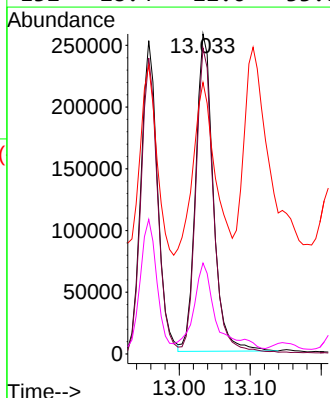
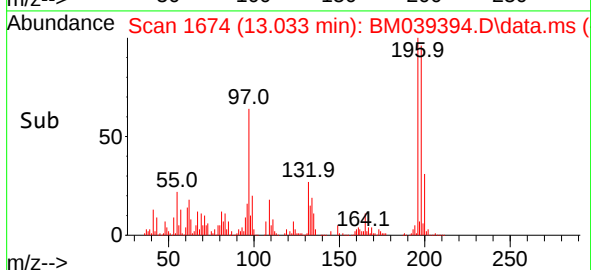
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

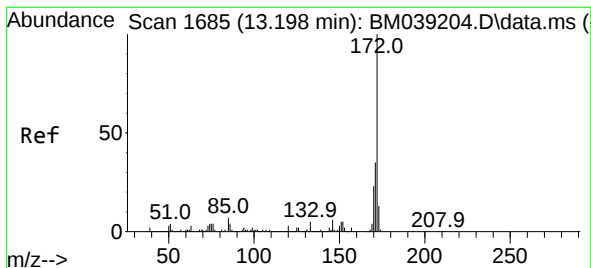


#44
2,4,5-Trichlorophenol
Concen: 34.771 ng
RT: 13.033 min Scan# 1674
Delta R.T. 0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



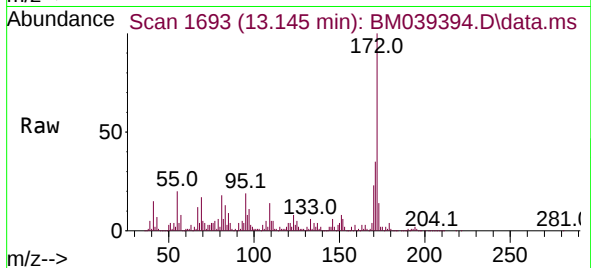
Tgt Ion:196 Resp: 444934
Ion Ratio Lower Upper
196 100
198 95.6 75.2 112.8
97 84.9 41.4 62.0#
132 28.4 22.6 33.8





#45
2-Fluorobiphenyl
Concen: 42.335 ng
RT: 13.145 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

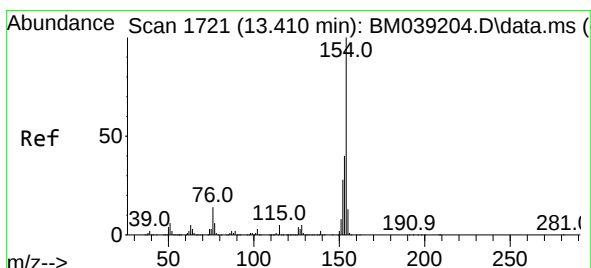
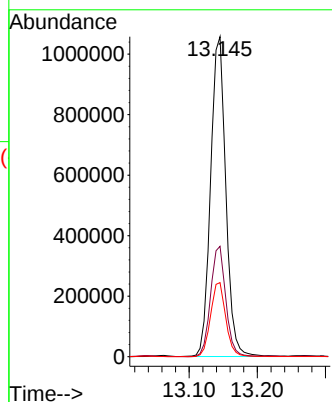
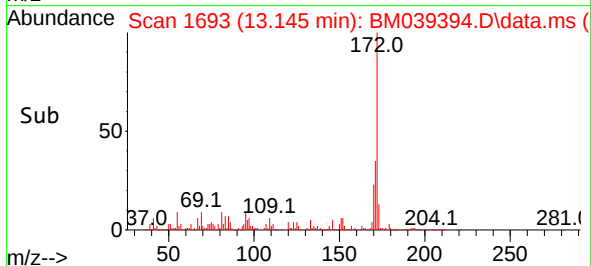
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



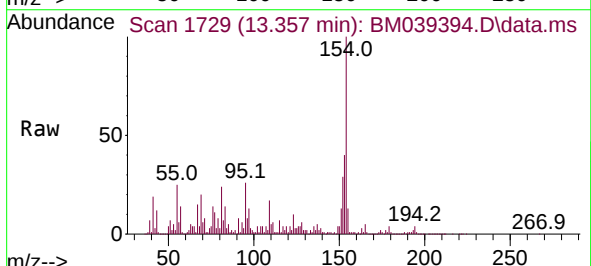
Tgt Ion:172 Resp: 164254
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.2 18.7 28.1

Manual Integrations
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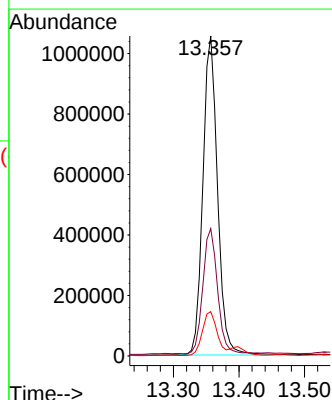
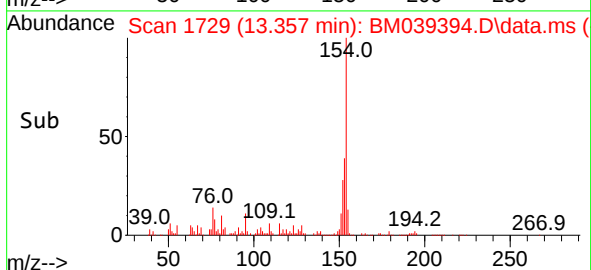
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

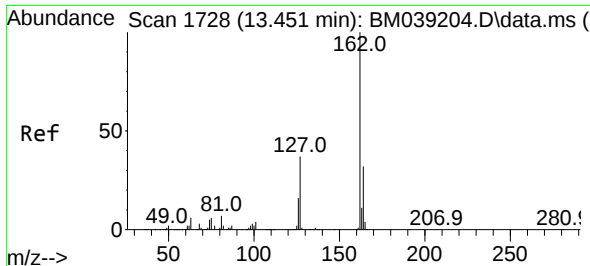


#46
1,1'-Biphenyl
Concen: 39.580 ng
RT: 13.357 min Scan# 1729
Delta R.T. 0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



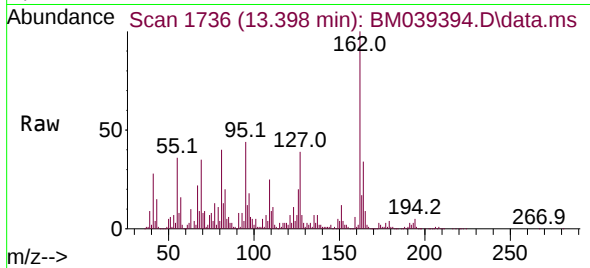
Tgt Ion:154 Resp: 1643022
Ion Ratio Lower Upper
154 100
153 39.8 19.9 59.9
76 13.9 0.0 33.5





#47
2-Chloronaphthalene
Concen: 40.414 ng
RT: 13.398 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

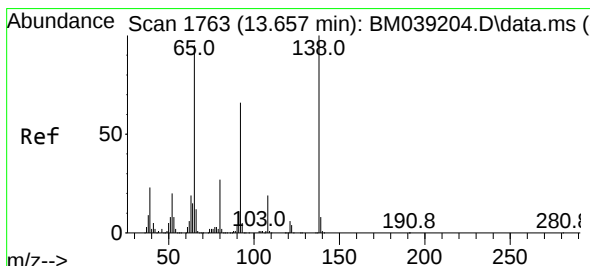
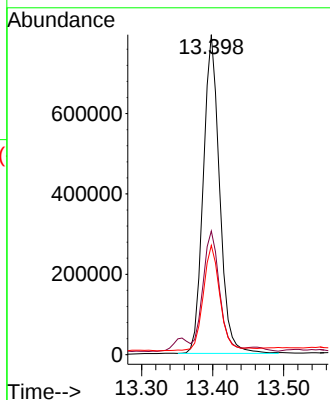
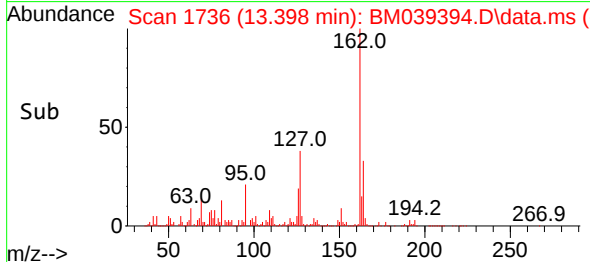
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



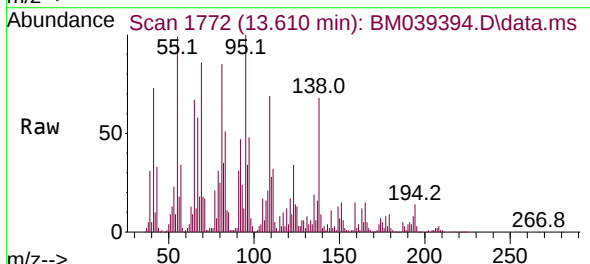
Tgt Ion:162 Resp: 127026
Ion Ratio Lower Upper
162 100
127 38.6 31.4 47.0
164 34.2 25.7 38.5

Manual Integrations
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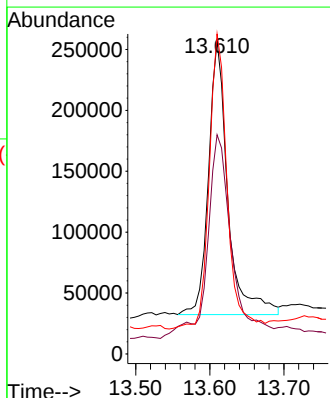
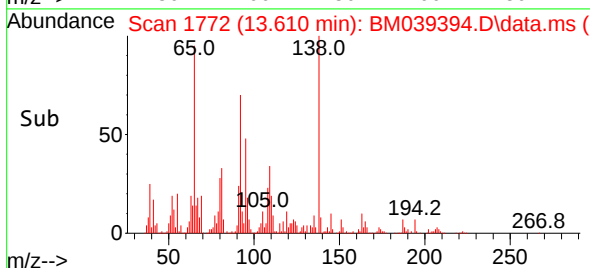
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

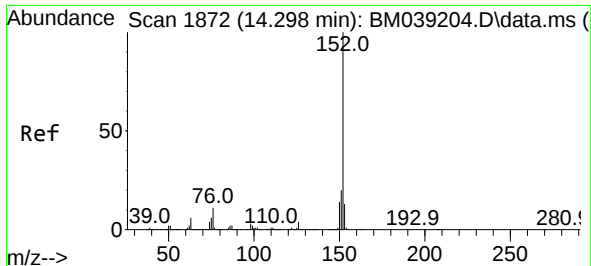


#48
2-Nitroaniline
Concen: 38.454 ng
RT: 13.610 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



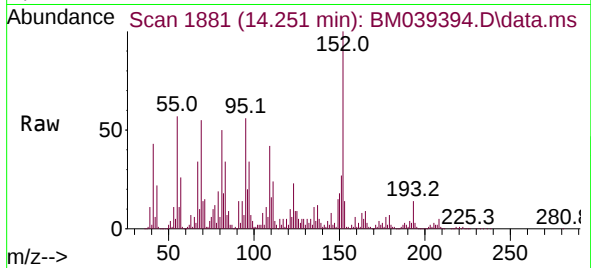
Tgt Ion: 65 Resp: 406739
Ion Ratio Lower Upper
65 100
92 70.1 55.7 83.5
138 102.3 84.5 126.7





#49
Acenaphthylene
Concen: 37.012 ng
RT: 14.251 min Scan# 1881
Delta R.T. 0.012 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

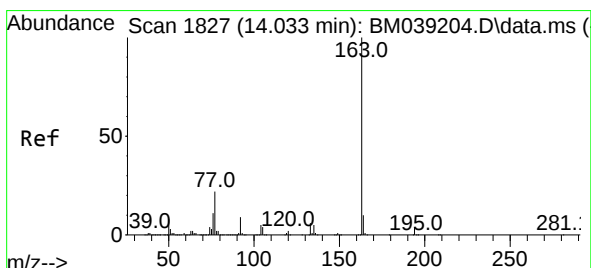
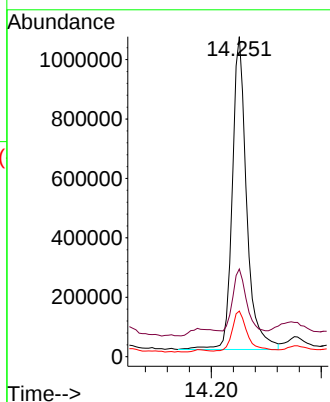
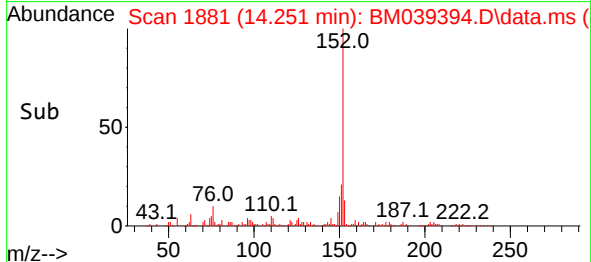
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



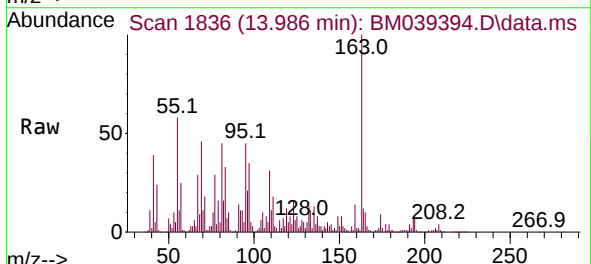
Tgt Ion:152 Resp: 191203
Ion Ratio Lower Upper
152 100
151 27.4 15.7 23.5#
153 14.3 10.3 15.5#

Manual Integrations
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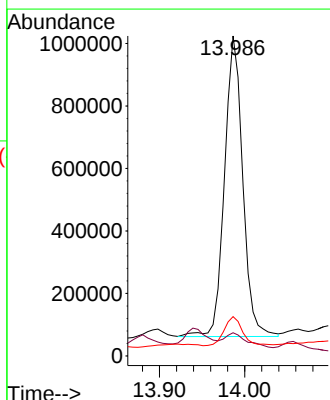
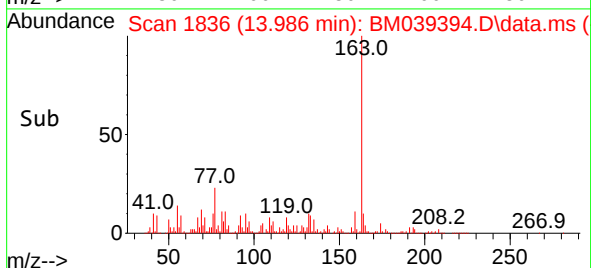
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

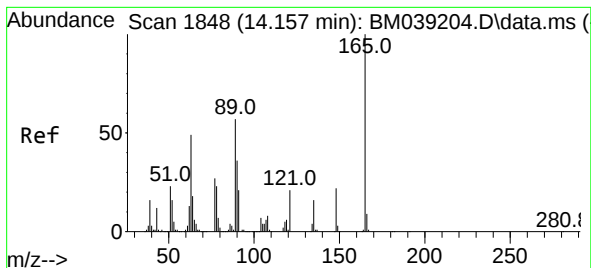


#50
Dimethylphthalate
Concen: 35.382 ng
RT: 13.986 min Scan# 1836
Delta R.T. 0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



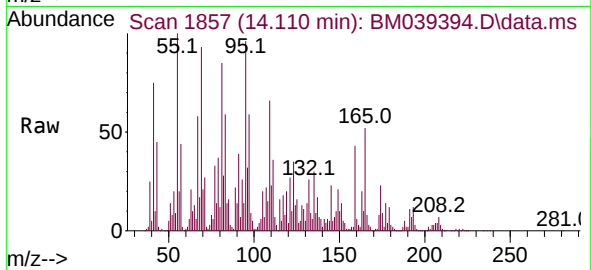
Tgt Ion:163 Resp: 1433403
Ion Ratio Lower Upper
163 100
194 7.3 3.1 4.7#
164 12.3 8.2 12.2#





#51
2,6-Dinitrotoluene
Concen: 39.297 ng
RT: 14.110 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

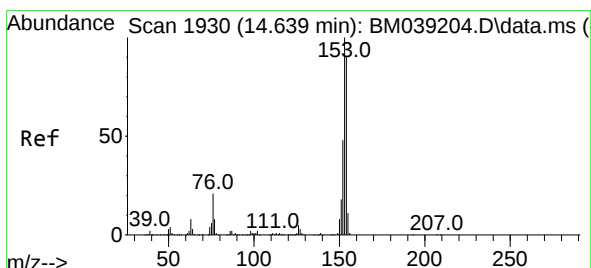
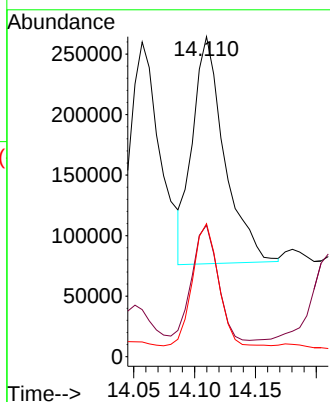
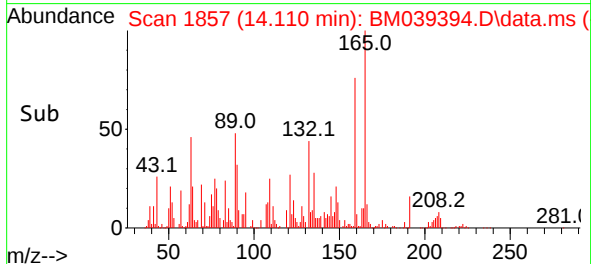
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



Tgt Ion:165 Resp: 342362
Ion Ratio Lower Upper
165 100
63 41.1 44.9 67.3
89 41.5 45.4 68.0

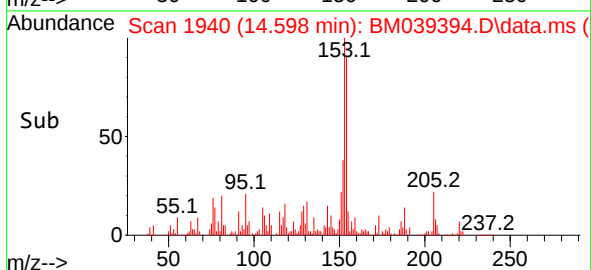
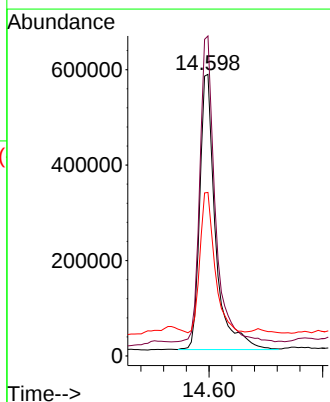
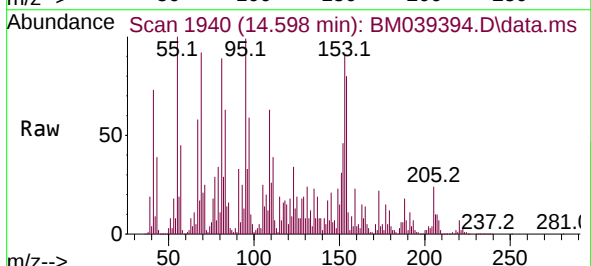
Manual Integrations
APPROVED

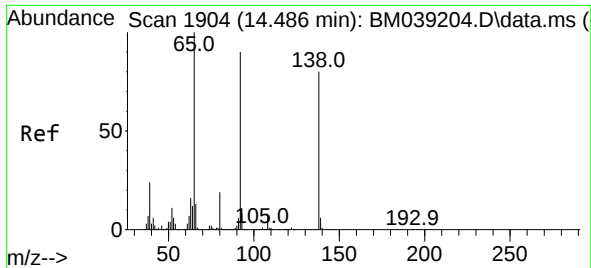
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#52
Acenaphthene
Concen: 36.346 ng
RT: 14.598 min Scan# 1940
Delta R.T. 0.012 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

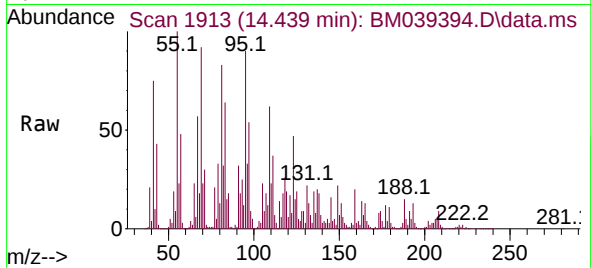
Tgt Ion:154 Resp: 1108693
Ion Ratio Lower Upper
154 100
153 113.6 89.1 133.7
152 58.1 42.6 64.0





#53
3-Nitroaniline
Concen: 17.267 ng
RT: 14.439 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

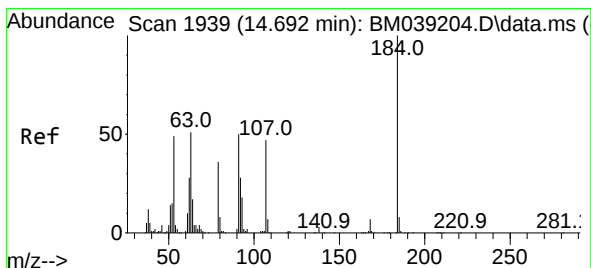
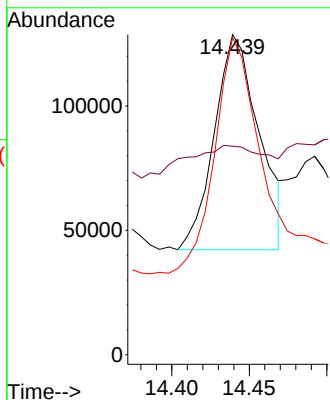
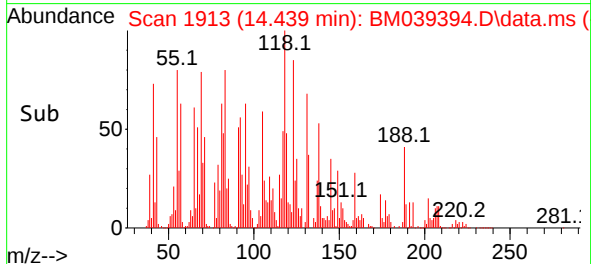
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



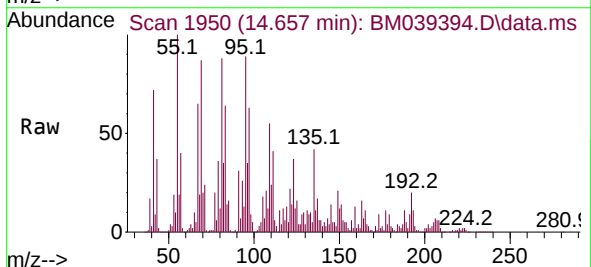
Tgt Ion:138 Resp: 173905
Ion Ratio Lower Upper
138 100
108 65.2 8.0 12.0#
92 99.1 90.8 136.2

Manual Integrations
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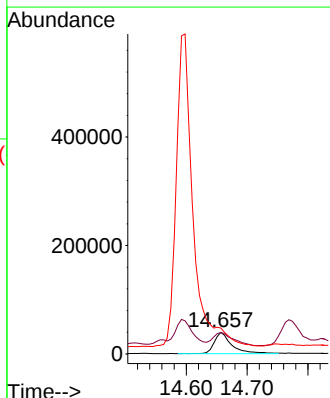
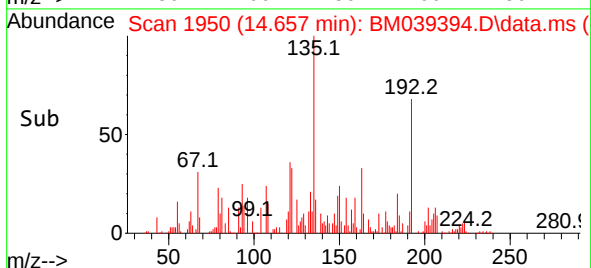
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

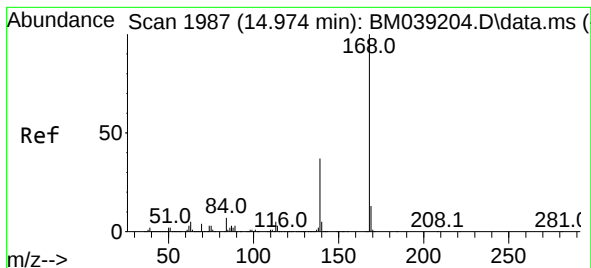


#54
2,4-Dinitrophenol
Concen: 15.101 ng
RT: 14.657 min Scan# 1950
Delta R.T. 0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



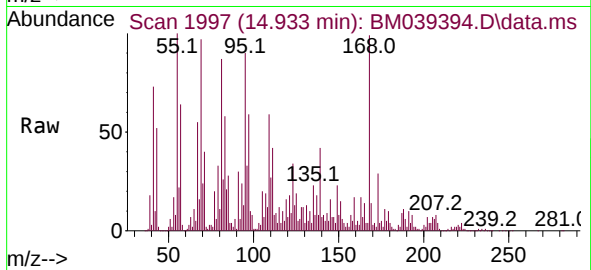
Tgt Ion:184 Resp: 77912
Ion Ratio Lower Upper
184 100
63 98.9 56.4 84.6#
154 119.9 48.7 73.1#





#55
Dibenzofuran
Concen: 33.566 ng
RT: 14.933 min Scan# 1997
Delta R.T. 0.018 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

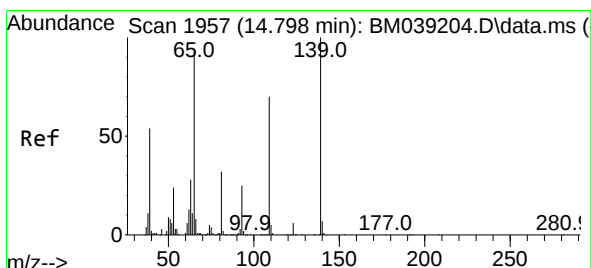
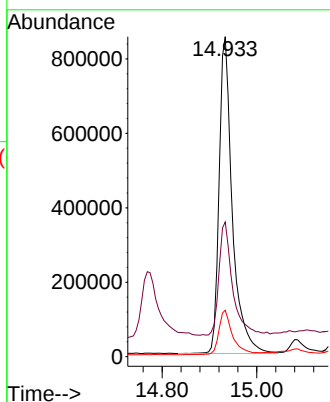
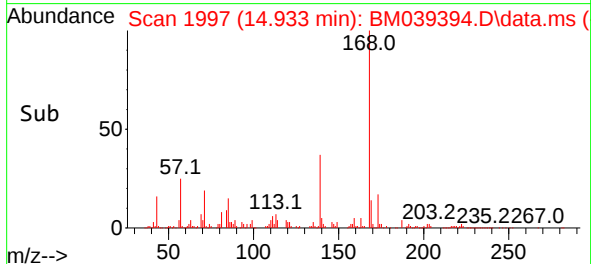
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



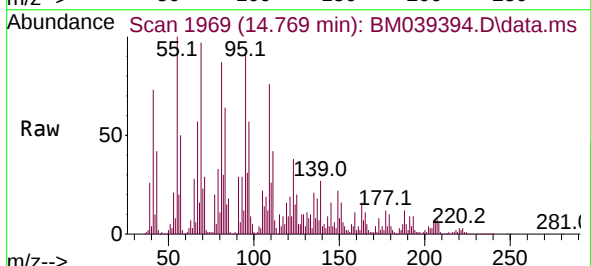
Tgt Ion:168 Resp: 164840
Ion Ratio Lower Upper
168 100
139 42.1 29.4 44.2
169 14.5 10.6 15.8

Manual Integrations
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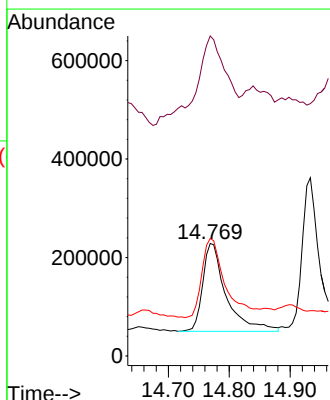
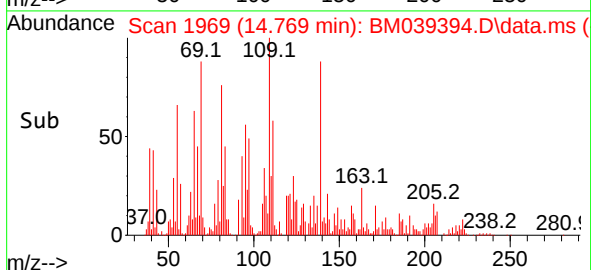
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

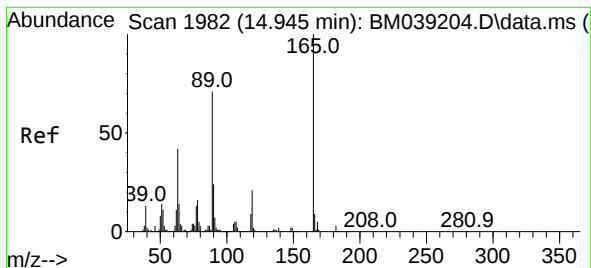


#56
4-Nitrophenol
Concen: 61.631 ng
RT: 14.769 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



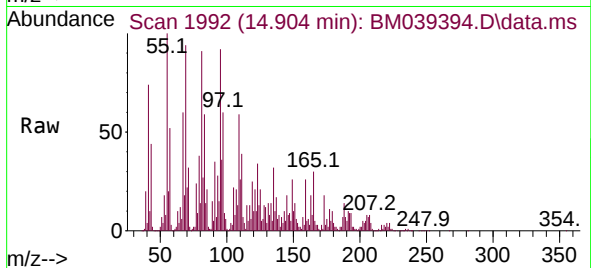
Tgt Ion:139 Resp: 478650
Ion Ratio Lower Upper
139 100
109 284.5 49.6 89.6#
65 104.5 72.9 112.9





#57
2,4-Dinitrotoluene
Concen: 24.285 ng
RT: 14.904 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

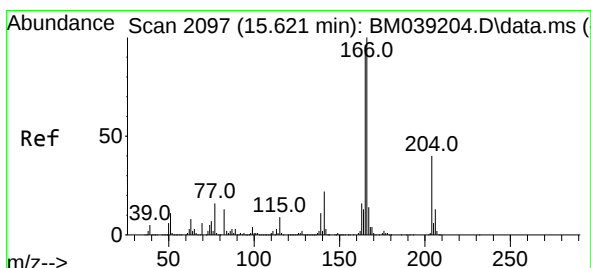
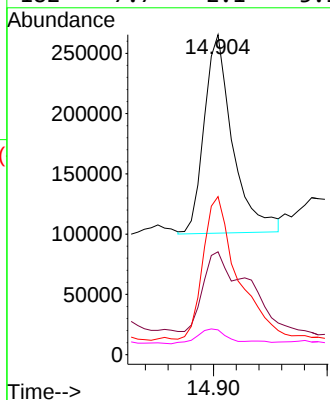
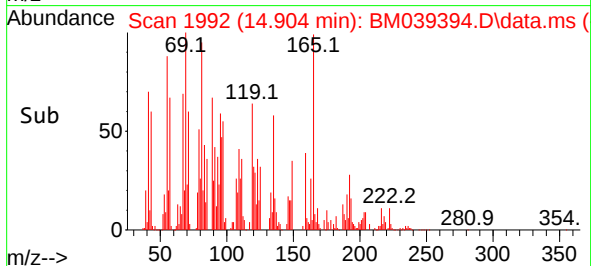
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



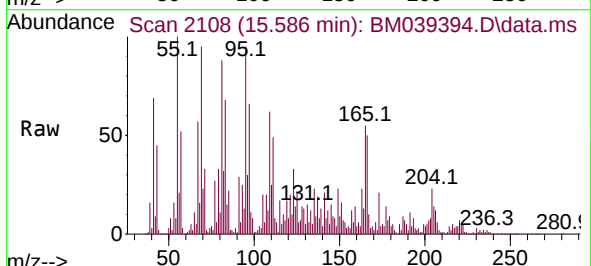
Tgt Ion:165 Resp: 286210
Ion Ratio Lower Upper
165 100
63 32.1 33.5 50.3
89 49.4 56.7 85.1
182 7.7 2.1 3.1#

Manual Integrations
APPROVED

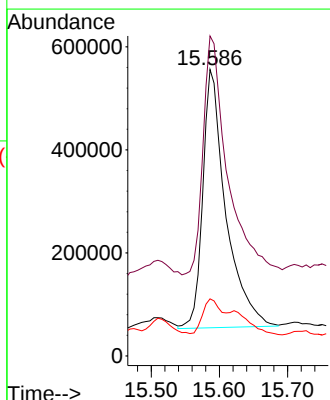
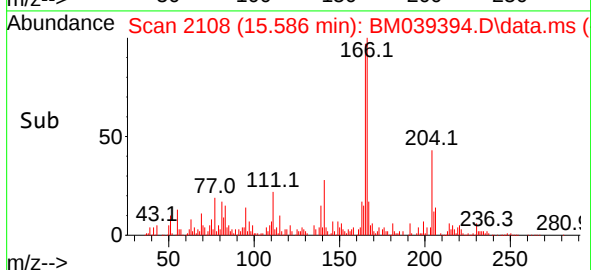
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

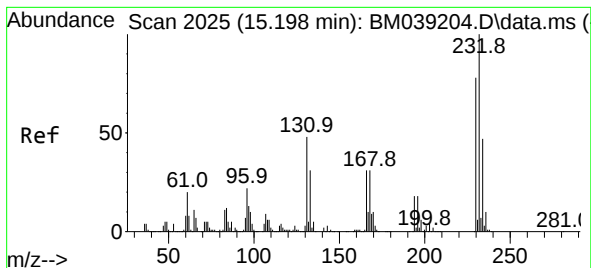


#58
Fluorene
Concen: 30.361 ng
RT: 15.586 min Scan# 2108
Delta R.T. 0.018 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



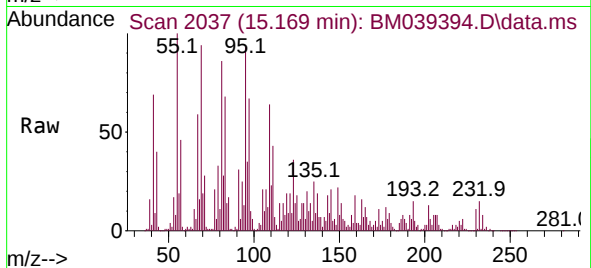
Tgt Ion:166 Resp: 1180665
Ion Ratio Lower Upper
166 100
165 111.7 76.9 115.3
167 19.9 10.8 16.2#





#59
2,3,4,6-Tetrachlorophenol
Concen: 31.873 ng
RT: 15.169 min Scan# 2025
Delta R.T. 0.018 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

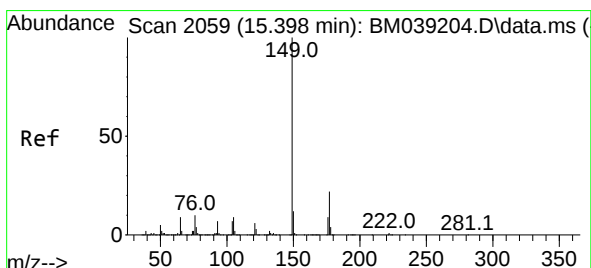
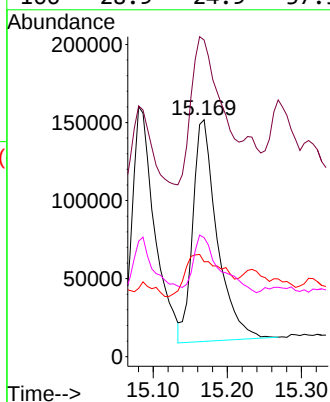
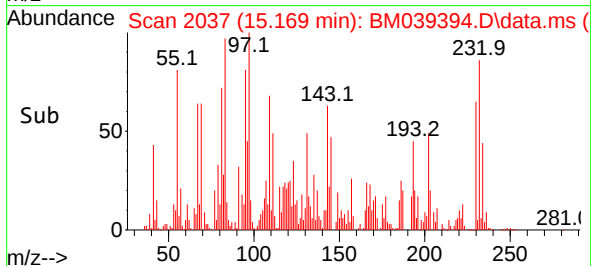
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



Tgt Ion:232 Resp: 324461
Ion Ratio Lower Upper
232 100
131 82.0 37.7 56.5#
130 28.0 1.9 2.9#
166 28.9 24.9 37.3#

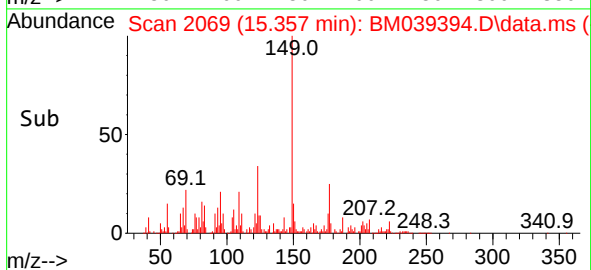
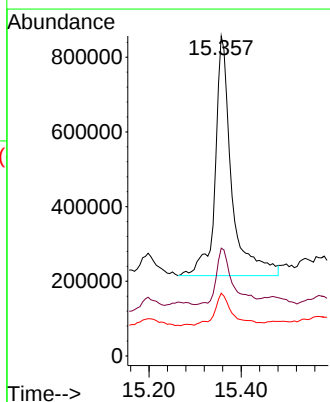
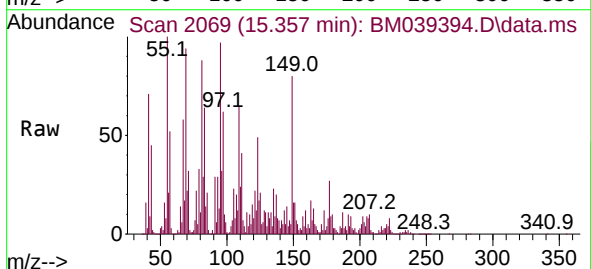
Manual Integrations
APPROVED

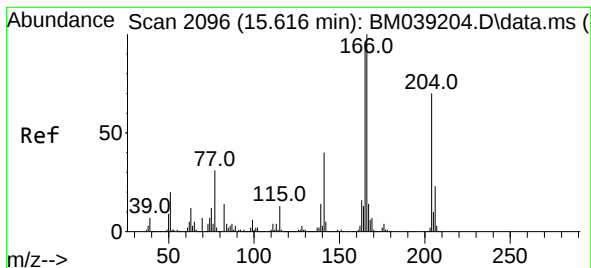
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#60
Diethylphthalate
Concen: 38.978 ng
RT: 15.357 min Scan# 2069
Delta R.T. 0.012 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

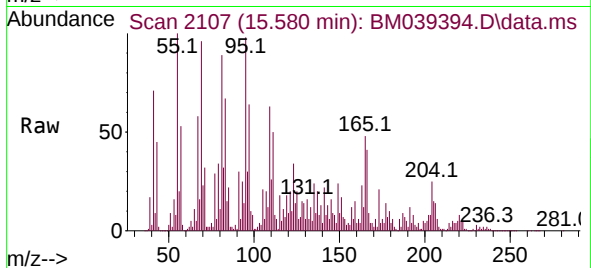
Tgt Ion:149 Resp: 1589434
Ion Ratio Lower Upper
149 100
177 33.7 17.7 26.5#
150 19.6 9.8 14.6#





#61
4-Chlorophenyl-phenylether
Concen: 29.610 ng
RT: 15.580 min Scan# 2107
Delta R.T. 0.018 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

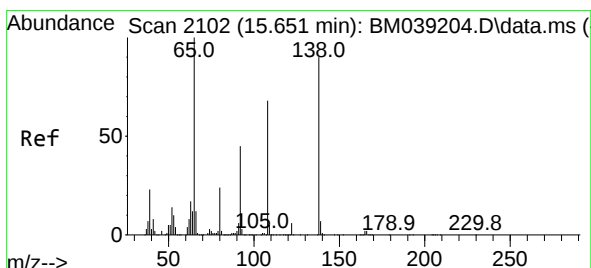
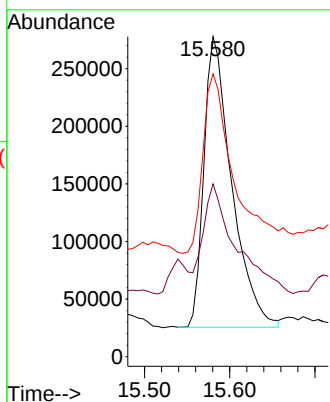
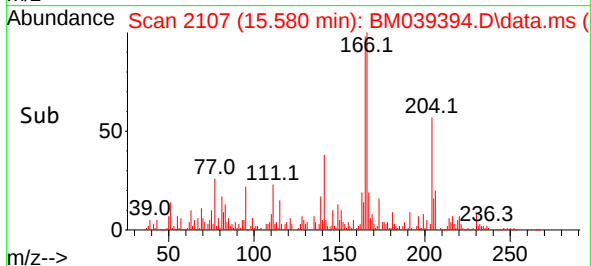
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



Tgt Ion:204 Resp: 570664
Ion Ratio Lower Upper
204 100
206 54.0 26.1 39.1
141 88.3 45.8 68.6

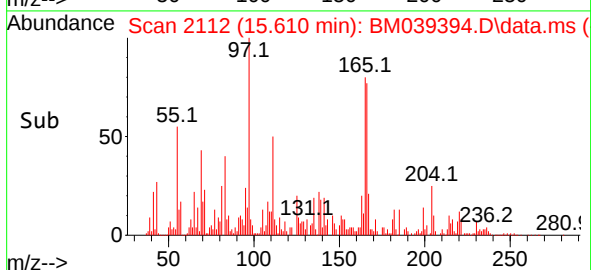
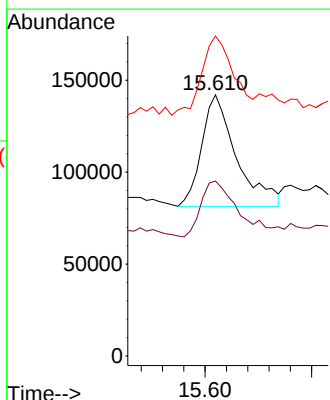
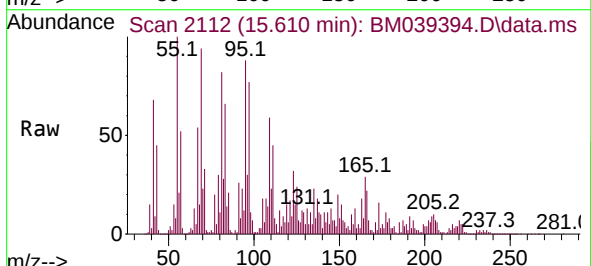
Manual Integrations
APPROVED

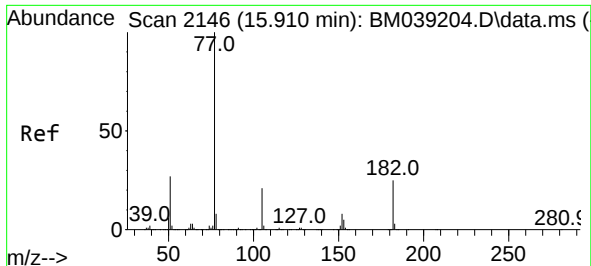
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#62
4-Nitroaniline
Concen: 13.282 ng
RT: 15.610 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

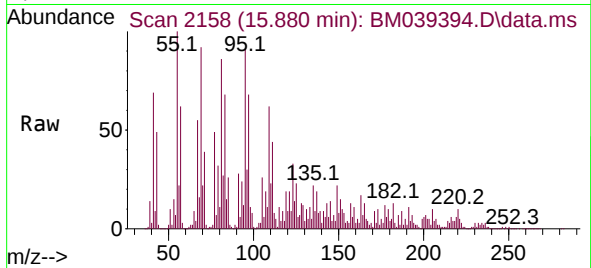
Tgt Ion:138 Resp: 137274
Ion Ratio Lower Upper
138 100
92 67.0 30.5 70.5
108 122.6 55.5 95.5





#63
Azobenzene
Concen: 25.399 ng
RT: 15.880 min Scan# 2146
Delta R.T. 0.024 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

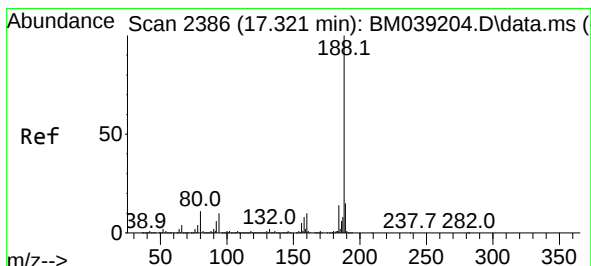
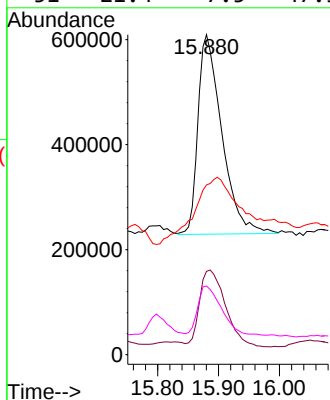
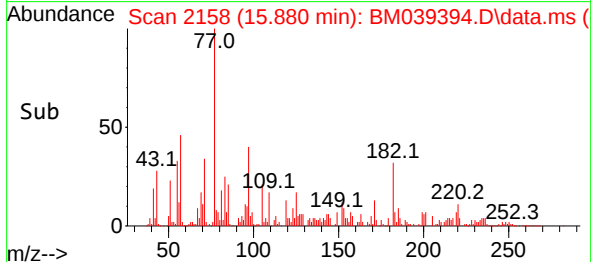
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



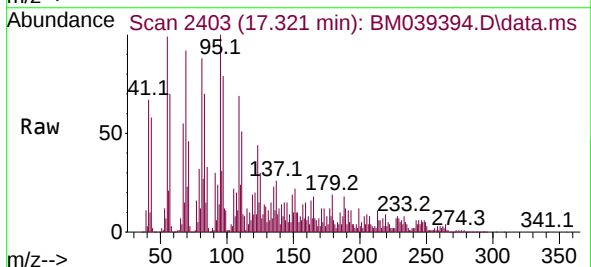
Tgt Ion: 77 Resp: 103763
Ion Ratio Lower Upper
77 100
182 26.1 4.8 44.8
105 53.0 1.4 41.4
51 21.4 7.5 47.5

Manual Integrations
APPROVED

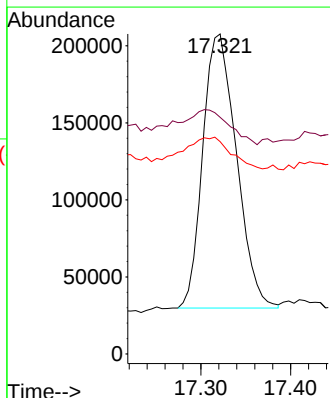
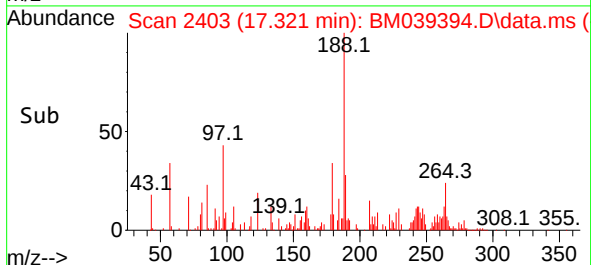
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

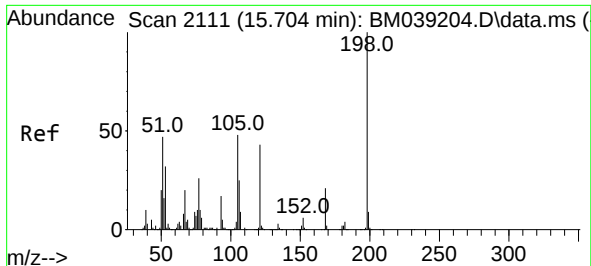


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2403
Delta R.T. 0.053 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



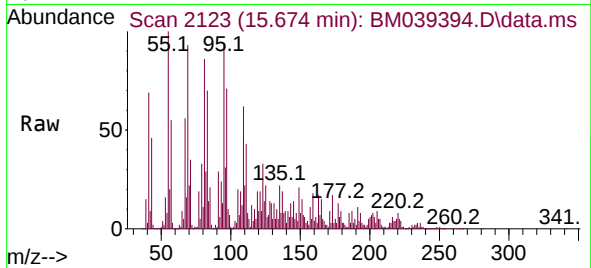
Tgt Ion:188 Resp: 463951
Ion Ratio Lower Upper
188 100
94 74.0 8.2 12.4#
80 66.3 8.9 13.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 14.741 ng
RT: 15.674 min Scan# 2111
Delta R.T. 0.018 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

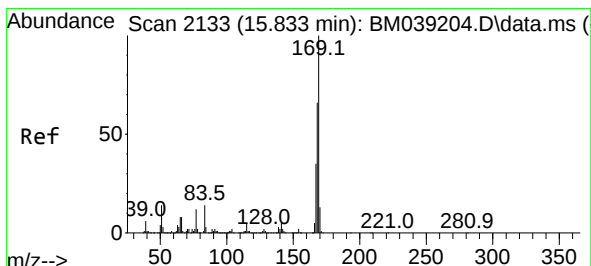
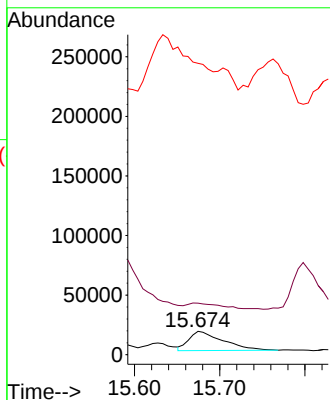
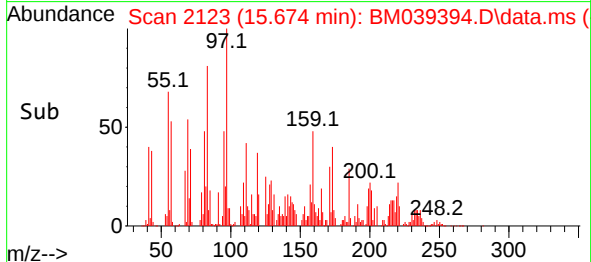
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



Tgt Ion:198 Resp: 44992
Ion Ratio Lower Upper
198 100
51 221.3 28.9 68.9
105 1250.2 28.7 68.7

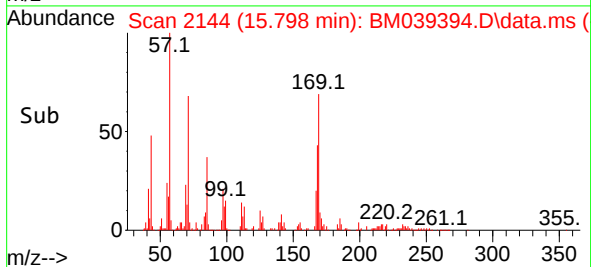
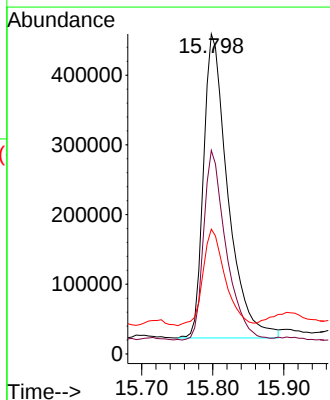
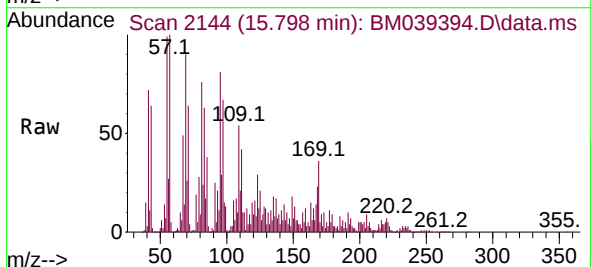
Manual Integrations
APPROVED

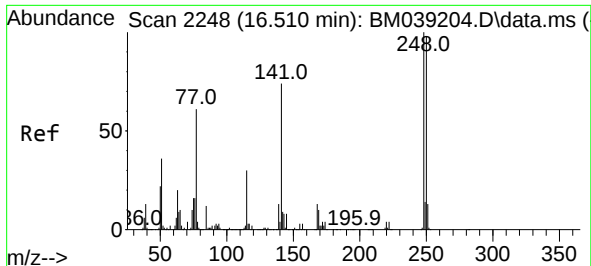
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#66
n-Nitrosodiphenylamine
Concen: 71.027 ng
RT: 15.798 min Scan# 2144
Delta R.T. 0.018 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

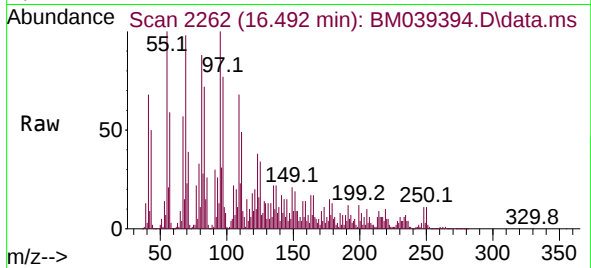
Tgt Ion:169 Resp: 1038411
Ion Ratio Lower Upper
169 100
168 63.6 52.8 79.2
167 39.0 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 58.341 ng
RT: 16.492 min Scan# 21
Delta R.T. 0.035 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

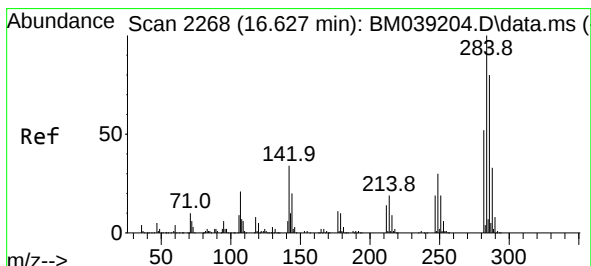
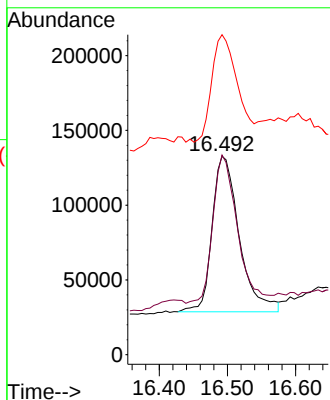
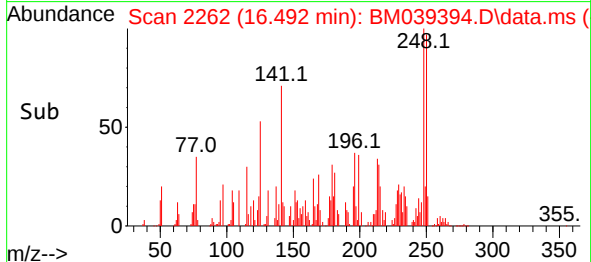
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



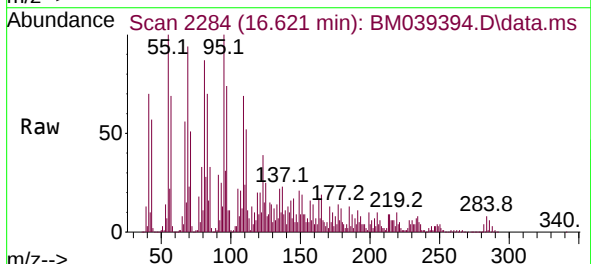
Tgt Ion:248 Resp: 289064
Ion Ratio Lower Upper
248 100
250 100.7 78.8 118.2
141 161.3 58.8 88.2

Manual Integrations
APPROVED

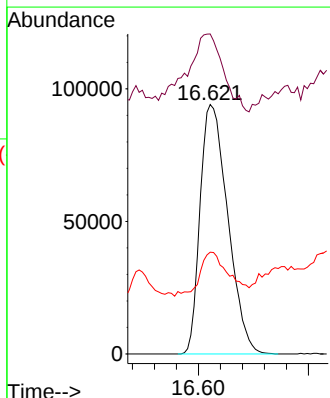
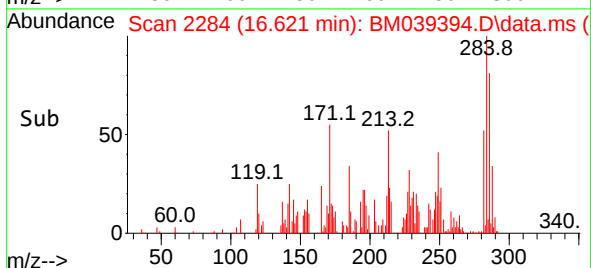
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

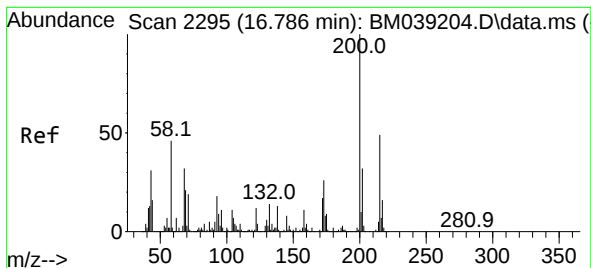


#68
Hexachlorobenzene
Concen: 61.310 ng
RT: 16.621 min Scan# 2284
Delta R.T. 0.053 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



Tgt Ion:284 Resp: 329379
Ion Ratio Lower Upper
284 100
142 128.3 27.4 41.2#
249 40.8 24.4 36.6#





#69

Atrazine

Concen: 98.268 ng

RT: 16.786 min Scan# 21

Delta R.T. 0.047 min

Lab File: BM039394.D

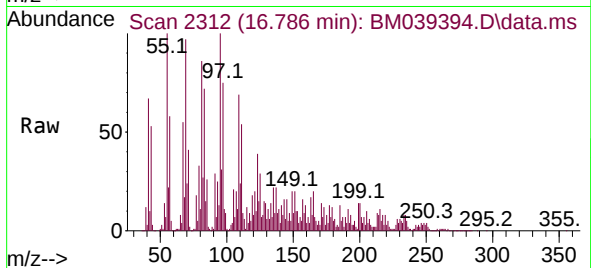
Acq: 11 Apr 2023 15:27

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MS



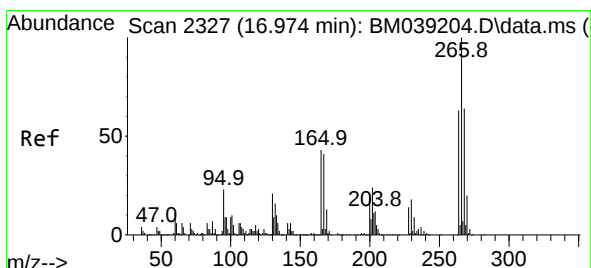
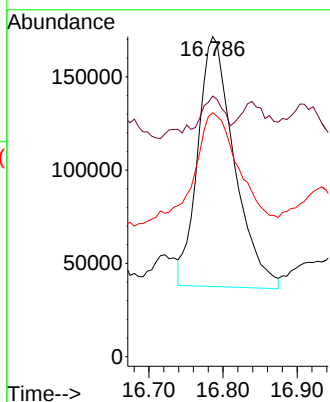
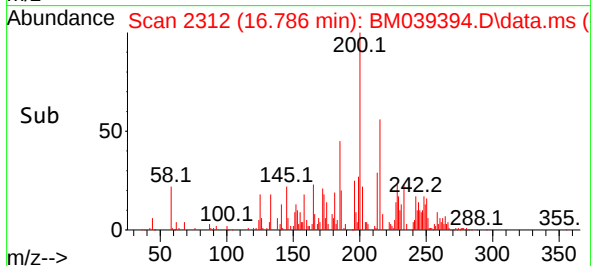
Tgt Ion:200 Resp: 455020

Ion	Ratio	Lower	Upper
200	100		
173	81.5	6.4	46.4
215	76.2	28.9	68.9

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 92.722 ng

RT: 16.968 min Scan# 2343

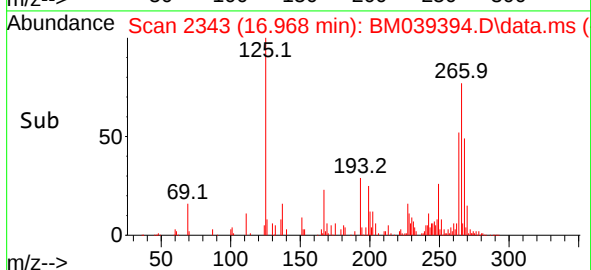
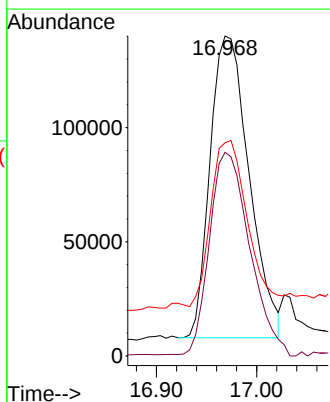
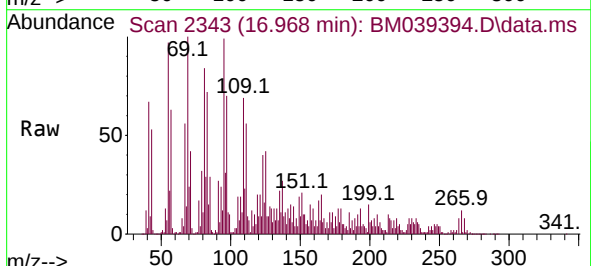
Delta R.T. 0.047 min

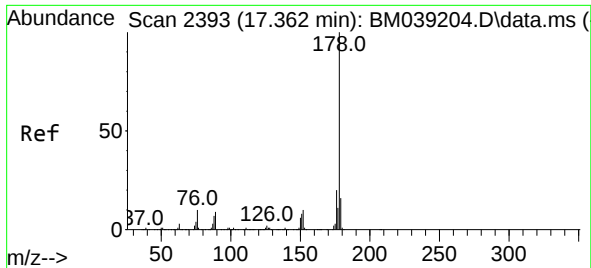
Lab File: BM039394.D

Acq: 11 Apr 2023 15:27

Tgt Ion:266 Resp: 357388

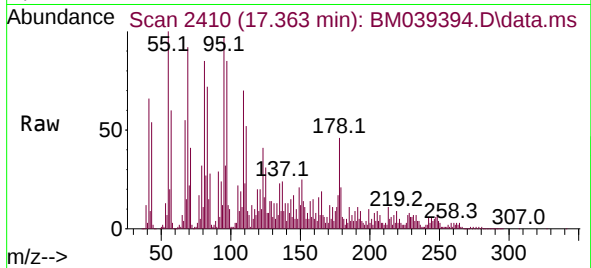
Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.4	77.2
264	66.7	50.2	75.4





#71
Phenanthrene
Concen: 44.945 ng
RT: 17.363 min Scan# 2410
Delta R.T. 0.053 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

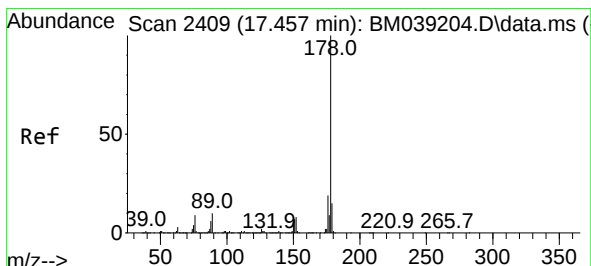
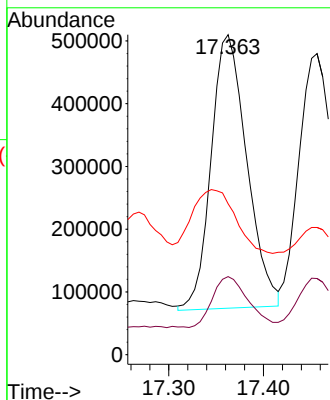
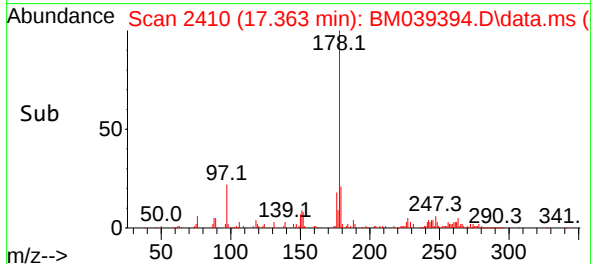
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



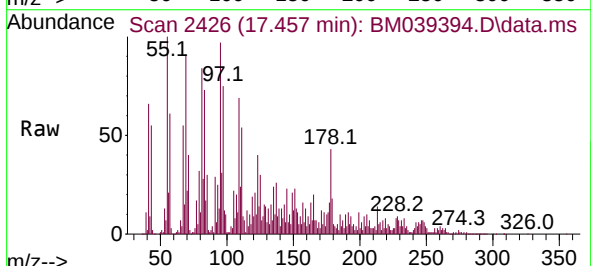
Tgt Ion:178 Resp: 114204
Ion Ratio Lower Upper
178 100
176 24.4 15.7 23.5
179 47.1 12.4 18.6

Manual Integrations
APPROVED

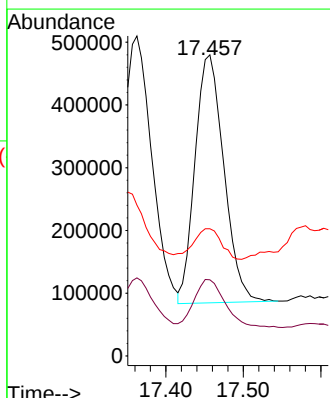
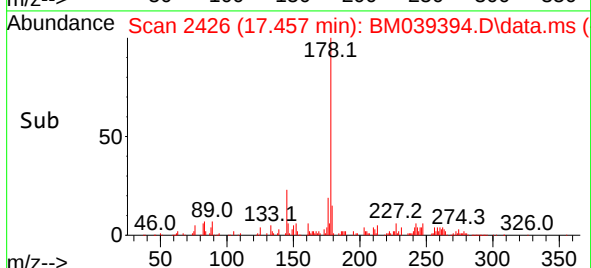
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

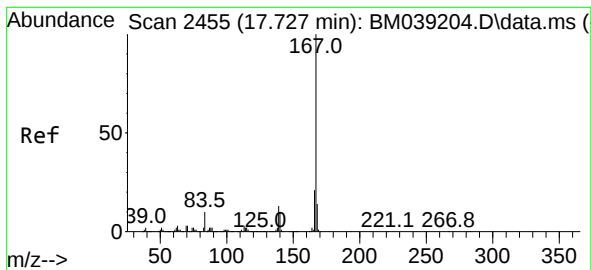


#72
Anthracene
Concen: 39.468 ng
RT: 17.457 min Scan# 2426
Delta R.T. 0.053 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



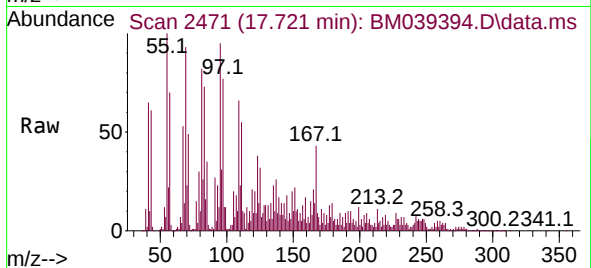
Tgt Ion:178 Resp: 1022608
Ion Ratio Lower Upper
178 100
176 25.3 14.9 22.3#
179 42.2 12.2 18.2#





#73
 Carbazole
 Concen: 35.218 ng
 RT: 17.721 min Scan# 2455
 Delta R.T. 0.041 min
 Lab File: BM039394.D
 Acq: 11 Apr 2023 15:27

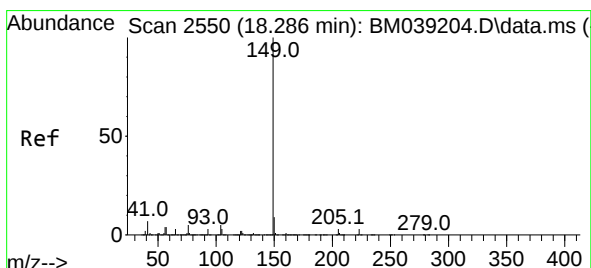
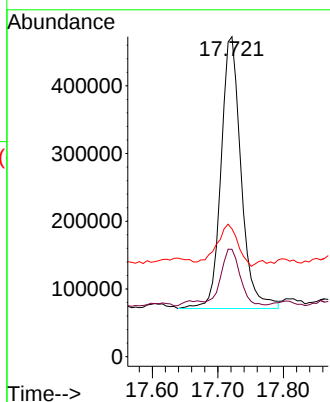
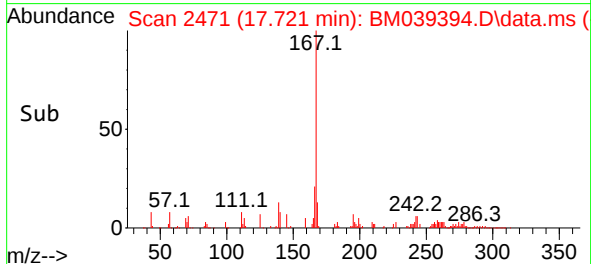
Instrument :
 BNA_M
 ClientSampleId :
 CHRT-20424MS



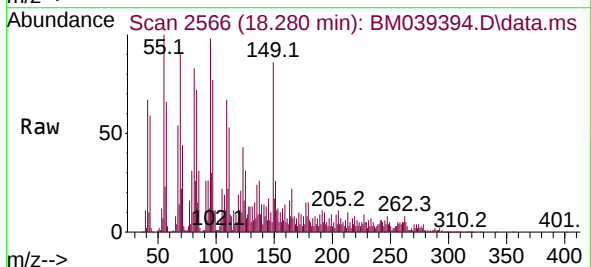
Tgt Ion:167 Resp: 852648
 Ion Ratio Lower Upper
 167 100
 166 33.5 17.2 25.8#
 139 39.9 10.6 16.0#

Manual Integrations
 APPROVED

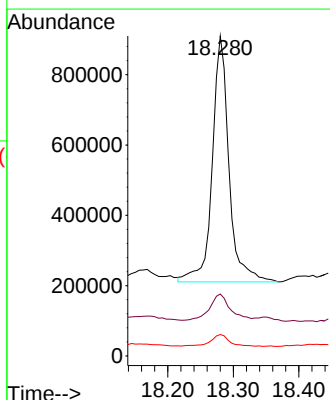
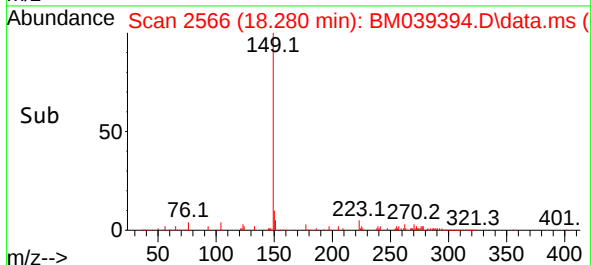
Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023

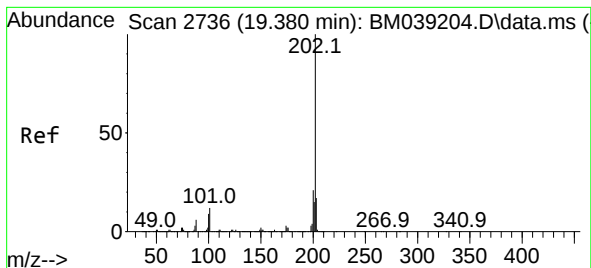


#74
 Di-n-butylphthalate
 Concen: 41.320 ng
 RT: 18.280 min Scan# 2566
 Delta R.T. 0.041 min
 Lab File: BM039394.D
 Acq: 11 Apr 2023 15:27



Tgt Ion:149 Resp: 1237478
 Ion Ratio Lower Upper
 149 100
 150 19.3 7.5 11.3#
 104 6.7 4.1 6.1#





#75

Fluoranthene

Concen: 51.917 ng

RT: 19.386 min Scan# 21

Delta R.T. 0.053 min

Lab File: BM039394.D

Acq: 11 Apr 2023 15:27

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MS

Tgt Ion:202 Resp: 1503778

Ion Ratio Lower Upper

202 100

101 8.7 0.0 32.5

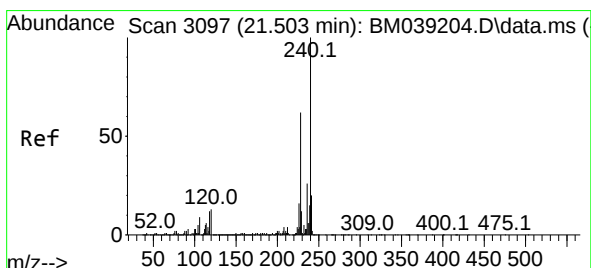
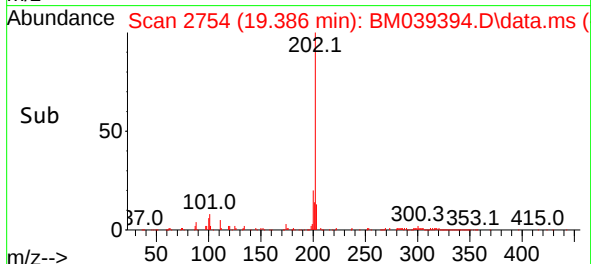
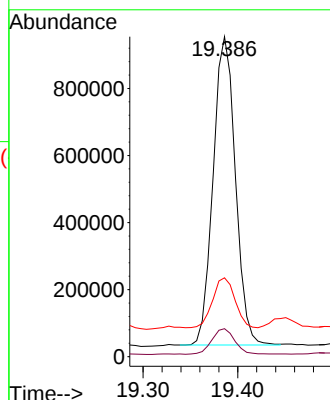
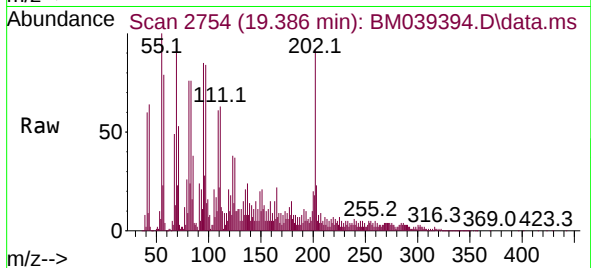
203 24.7 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.486 min Scan# 3111

Delta R.T. 0.024 min

Lab File: BM039394.D

Acq: 11 Apr 2023 15:27

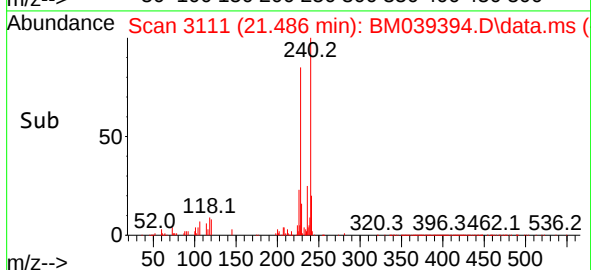
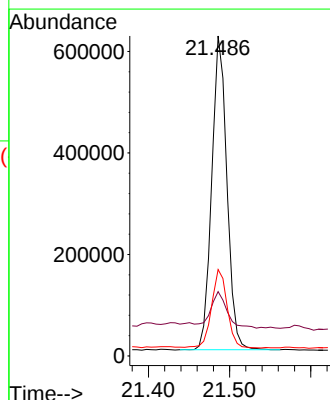
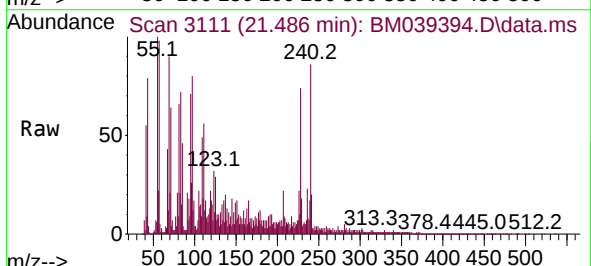
Tgt Ion:240 Resp: 800673

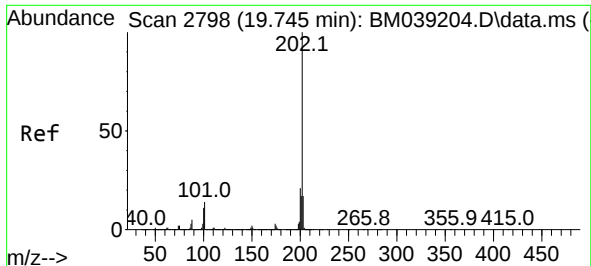
Ion Ratio Lower Upper

240 100

120 20.1 10.2 15.2#

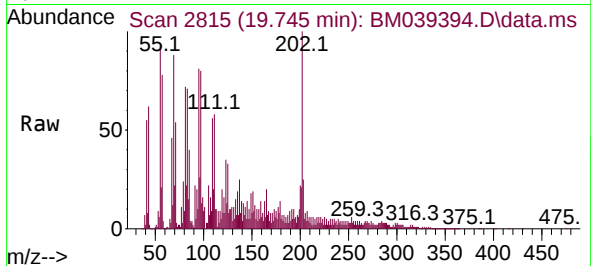
236 27.0 20.9 31.3





#78
Pyrene
Concen: 30.971 ng
RT: 19.745 min Scan# 2798
Delta R.T. 0.047 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

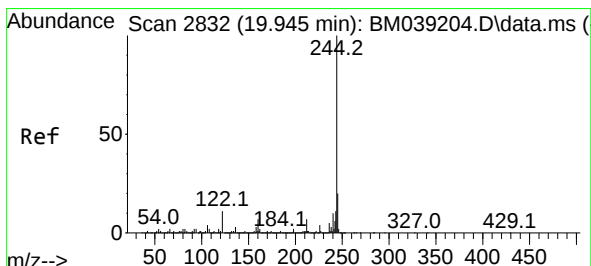
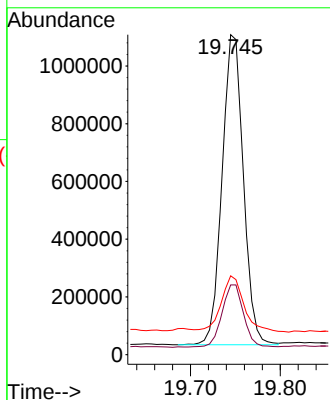
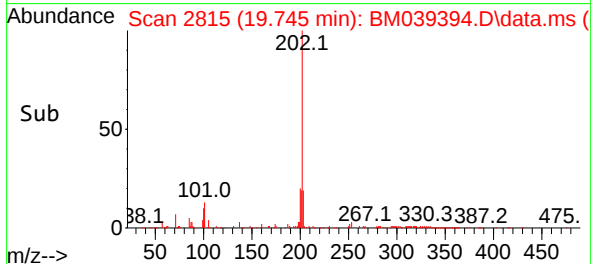
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



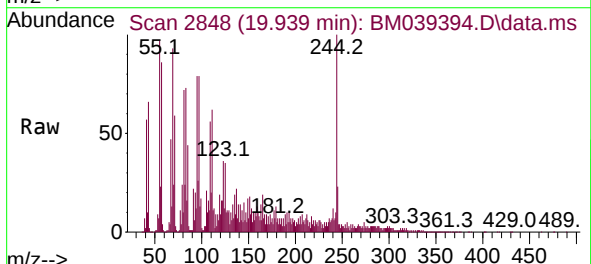
Tgt Ion:202 Resp: 1765307
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 24.6 13.9 20.9

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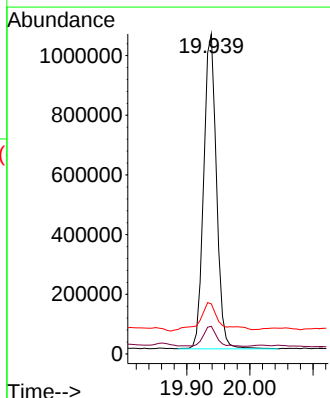
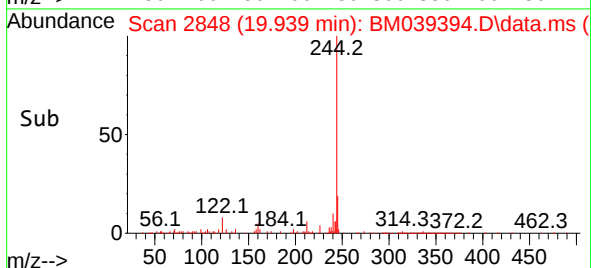
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

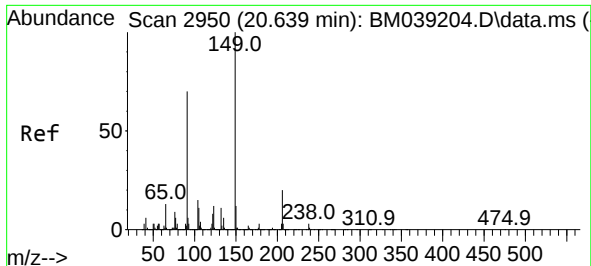


#79
Terphenyl-d14
Concen: 34.220 ng
RT: 19.939 min Scan# 2848
Delta R.T. 0.041 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



Tgt Ion:244 Resp: 1483009
Ion Ratio Lower Upper
244 100
212 8.6 5.6 8.4#
122 15.7 9.1 13.7#





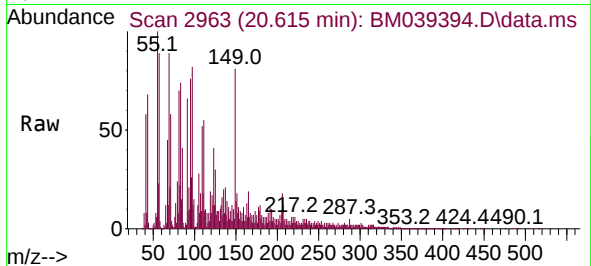
#80
Butylbenzylphthalate
Concen: 33.398 ng
RT: 20.615 min Scan# 2950
Delta R.T. 0.018 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MS

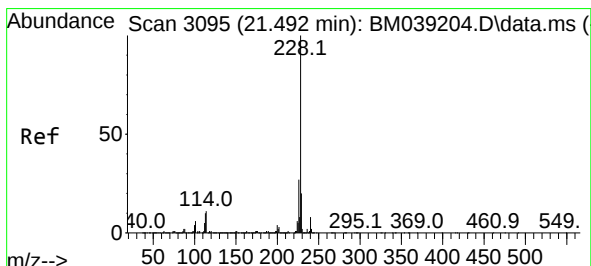
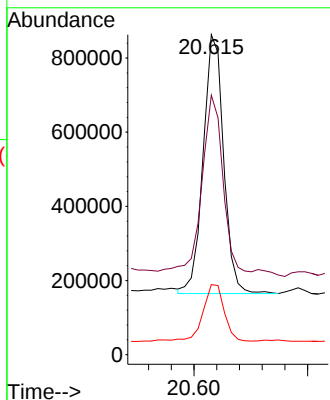
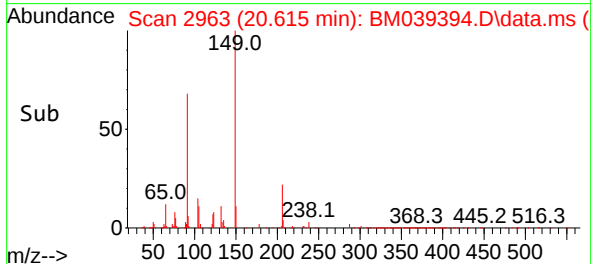


Tgt Ion:149 Resp: 872135
Ion Ratio Lower Upper
149 100
91 81.1 56.3 84.5
206 21.9 16.4 24.6

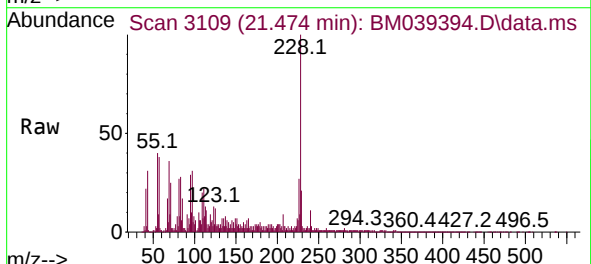
Manual Integrations

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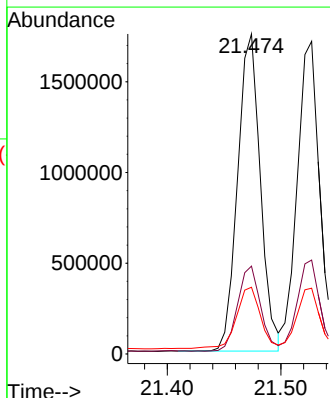
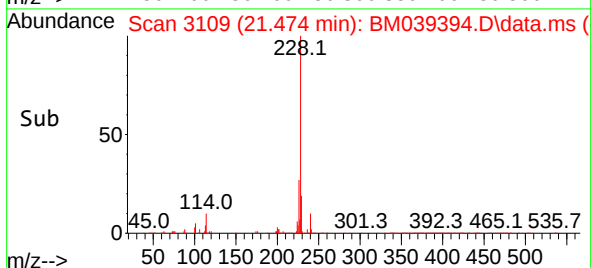
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

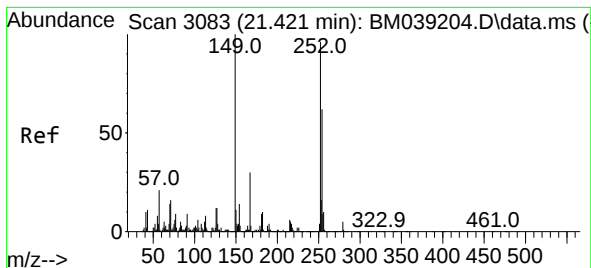


#81
Benzo(a)anthracene
Concen: 43.063 ng
RT: 21.474 min Scan# 3109
Delta R.T. 0.030 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



Tgt Ion:228 Resp: 2431702
Ion Ratio Lower Upper
228 100
226 27.5 21.9 32.9
229 20.8 15.8 23.6





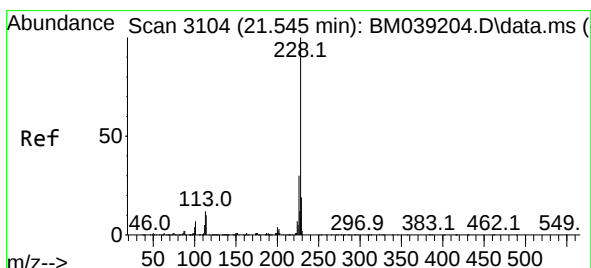
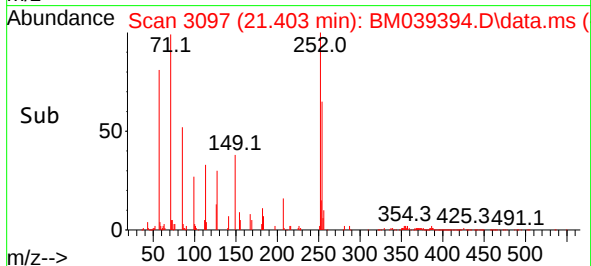
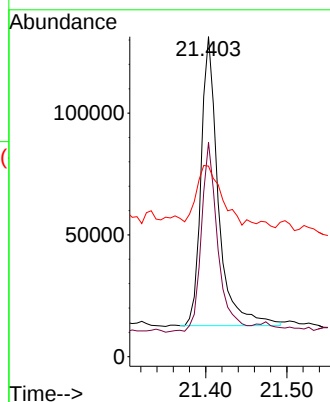
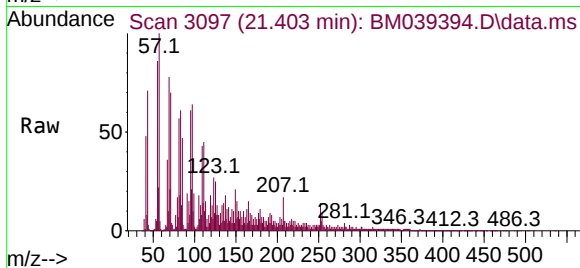
#82
3,3'-Dichlorobenzidine
Concen: 9.317 ng
RT: 21.403 min Scan# 3083
Delta R.T. 0.018 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS

Tgt Ion:252 Resp: 17526
Ion Ratio Lower Upper
252 100
254 67.0 51.8 77.8
126 59.6 10.1 15.1

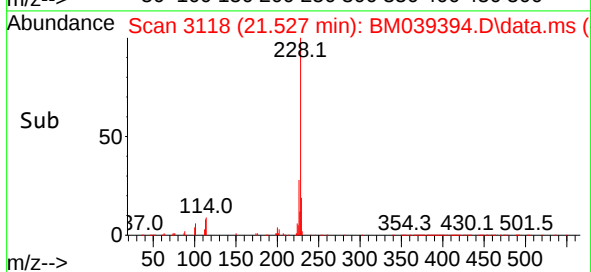
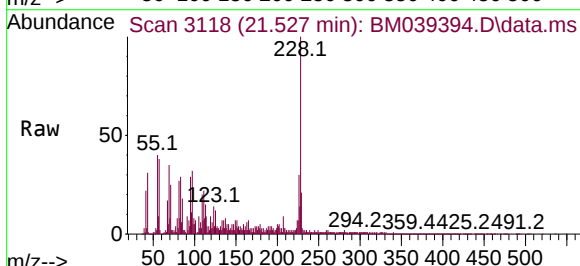
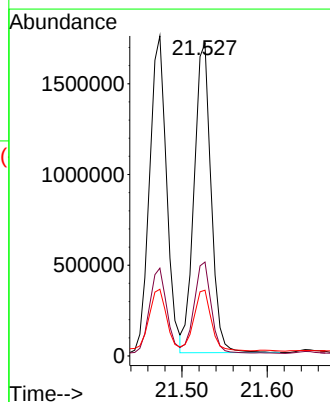
Manual Integrations
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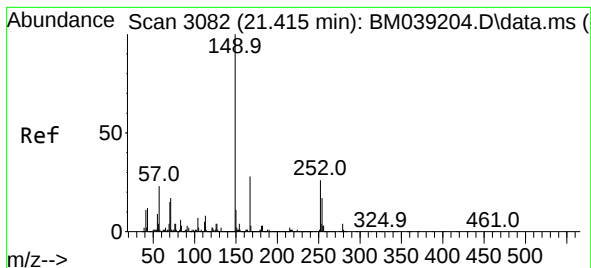
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#83
Chrysene
Concen: 43.223 ng
RT: 21.527 min Scan# 3118
Delta R.T. 0.024 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

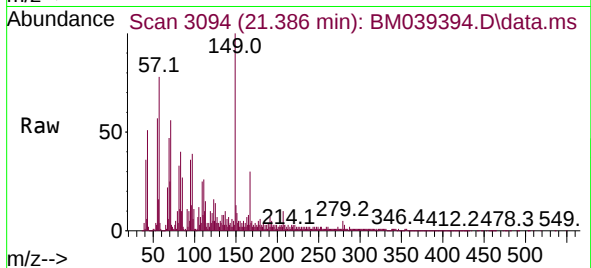
Tgt Ion:228 Resp: 2356197
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 21.0 15.5 23.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 42.702 ng
RT: 21.386 min Scan# 3082
Delta R.T. 0.012 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

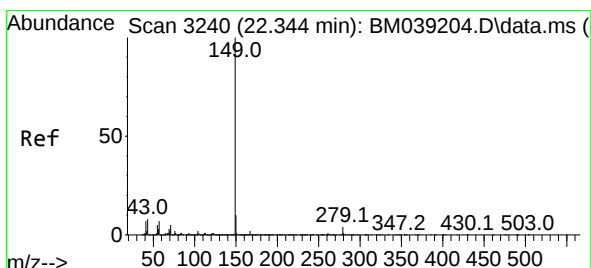
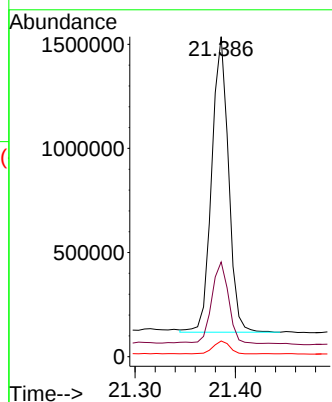
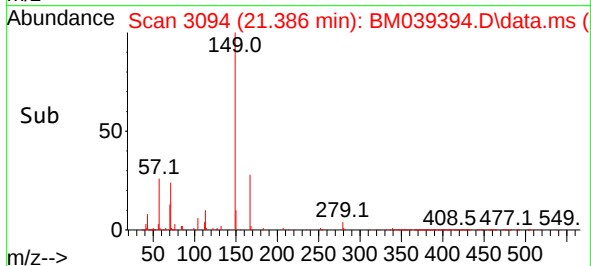
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



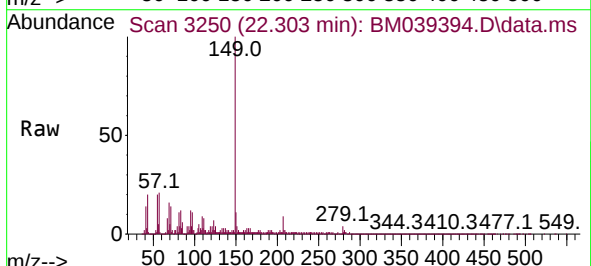
Tgt Ion:149 Resp: 1646874
Ion Ratio Lower Upper
149 100
167 29.6 22.3 33.5
279 4.9 3.4 5.2

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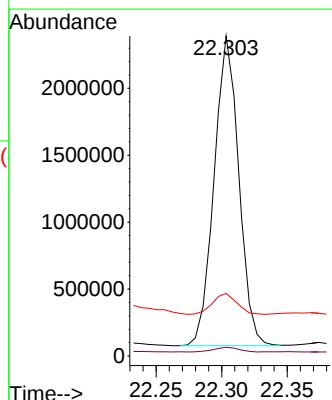
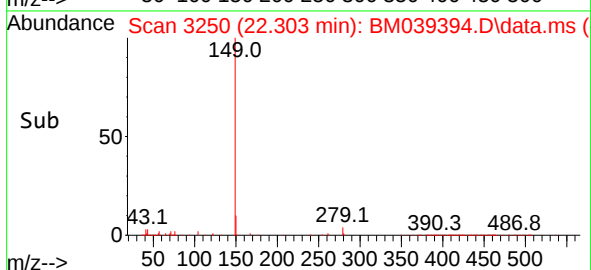
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

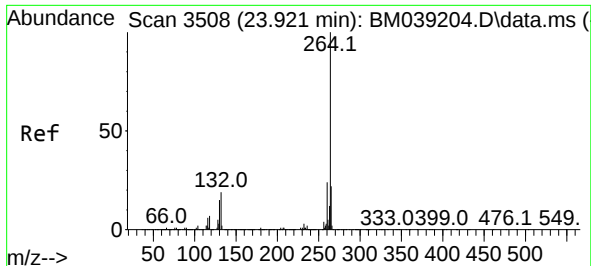


#85
Di-n-octyl phthalate
Concen: 43.544 ng
RT: 22.303 min Scan# 3250
Delta R.T. 0.012 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



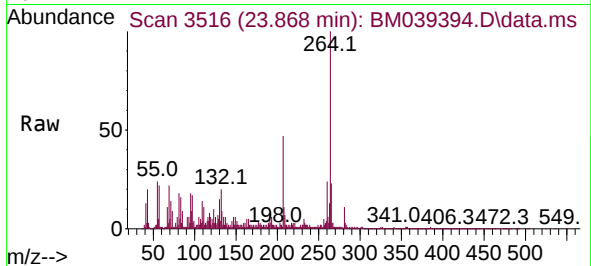
Tgt Ion:149 Resp: 3025632
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 6.6 6.9 10.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.868 min Scan# 3508
Delta R.T. 0.018 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

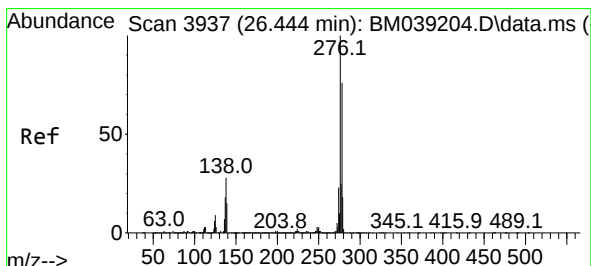
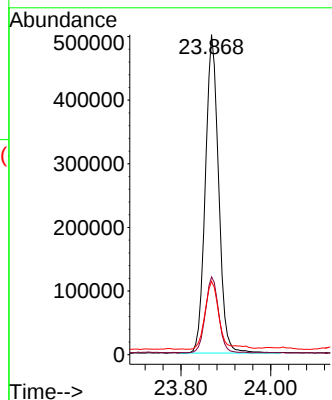
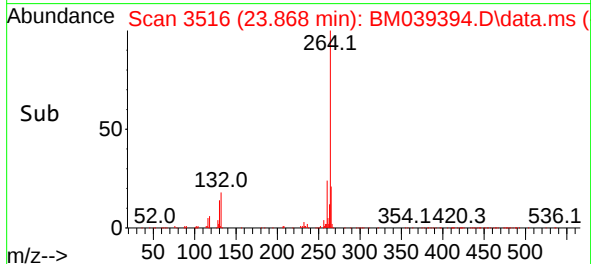
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



Tgt Ion:264 Resp: 1022864
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 22.9 18.1 27.1

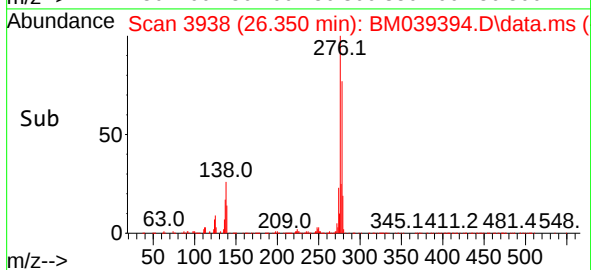
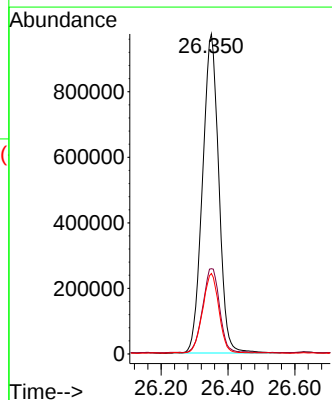
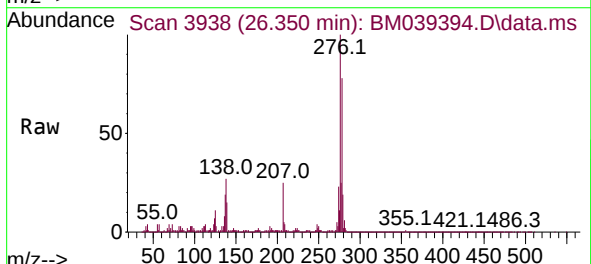
Manual Integrations
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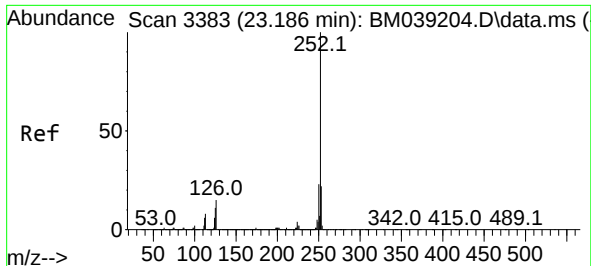
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 43.621 ng
RT: 26.350 min Scan# 3938
Delta R.T. 0.012 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

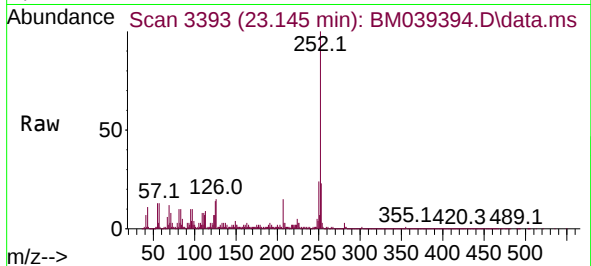
Tgt Ion:276 Resp: 3287456
Ion Ratio Lower Upper
276 100
138 27.0 22.2 33.2
277 24.7 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 46.277 ng
RT: 23.145 min Scan# 31
Delta R.T. 0.018 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27

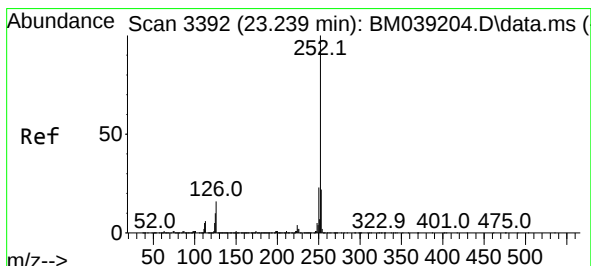
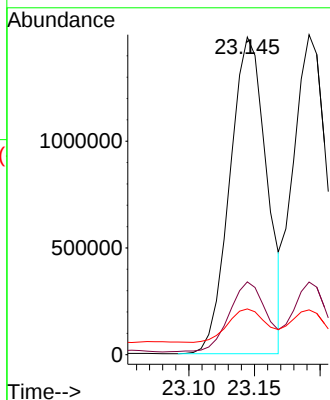
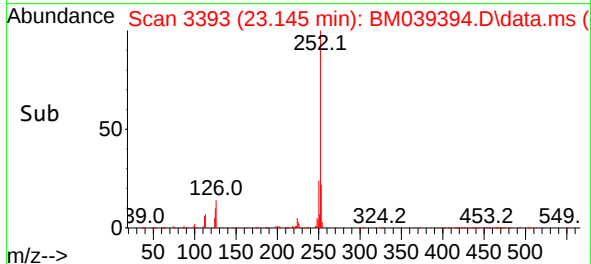
Instrument :
BNA_M
ClientSampleId :
CHRT-20424MS



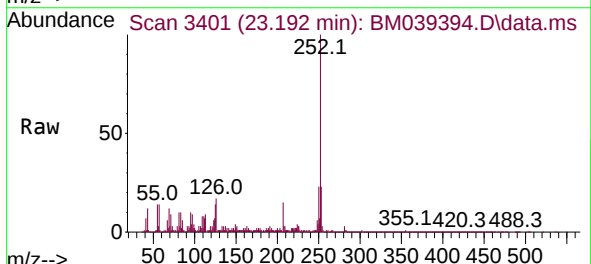
Tgt Ion:252 Resp: 289636
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 14.4 9.0 13.6

Manual Integrations
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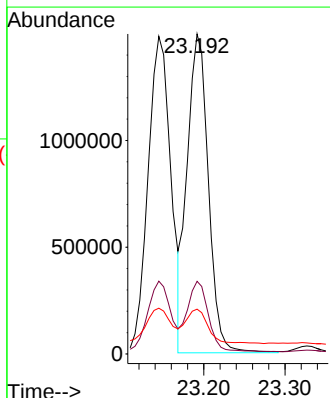
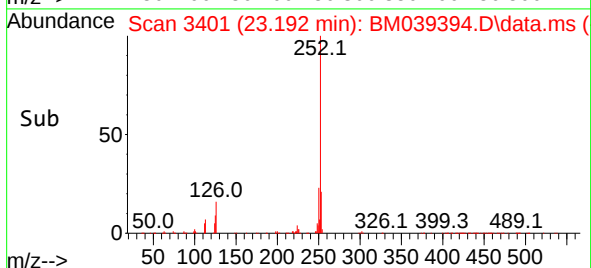
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

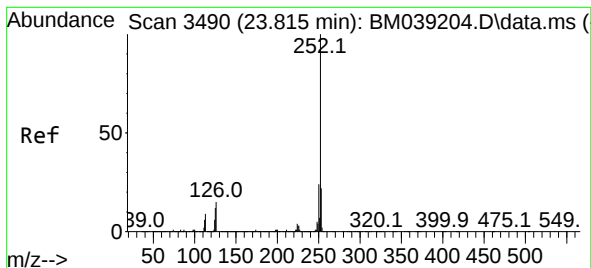


#89
Benzo(k)fluoranthene
Concen: 42.638 ng
RT: 23.192 min Scan# 3401
Delta R.T. 0.018 min
Lab File: BM039394.D
Acq: 11 Apr 2023 15:27



Tgt Ion:252 Resp: 2718192
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 14.0 8.5 12.7#





#90

Benzo(a)pyrene

Concen: 40.968 ng

RT: 23.768 min Scan# 3490

Delta R.T. 0.018 min

Lab File: BM039394.D

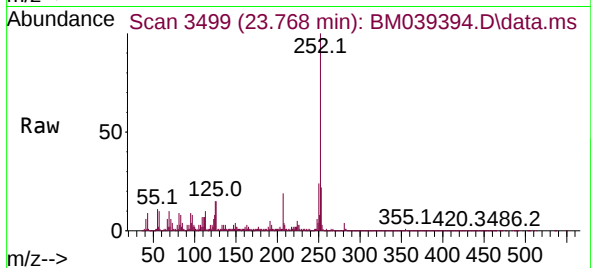
Acq: 11 Apr 2023 15:27

Instrument :

BNA_M

ClientSampleId :

CHRT-20424MS



Tgt Ion:252 Resp: 2518879

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

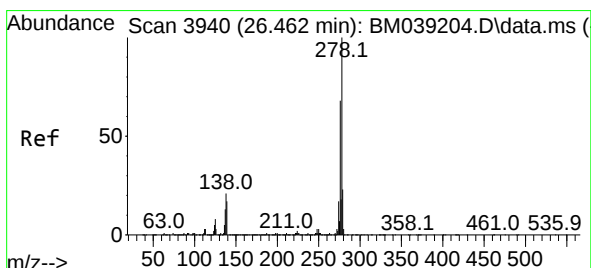
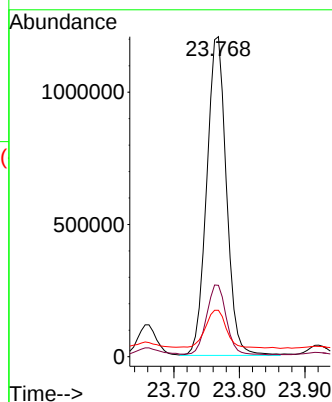
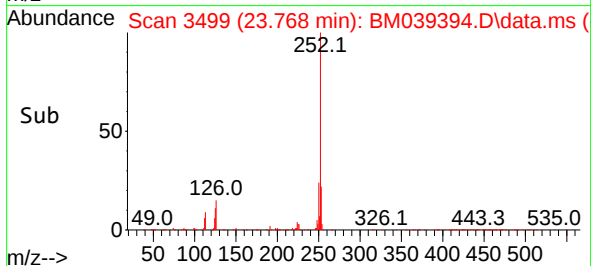
125 14.5 9.8 14.6

Manual Integrations

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Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#91

Dibenzo(a,h)anthracene

Concen: 41.691 ng

RT: 26.362 min Scan# 3940

Delta R.T. 0.012 min

Lab File: BM039394.D

Acq: 11 Apr 2023 15:27

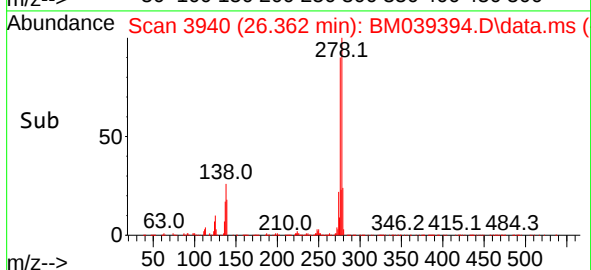
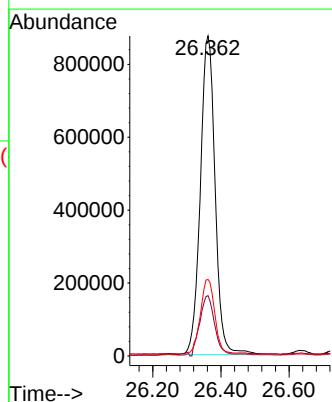
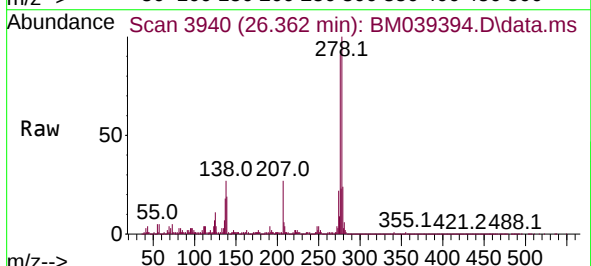
Tgt Ion:278 Resp: 2638289

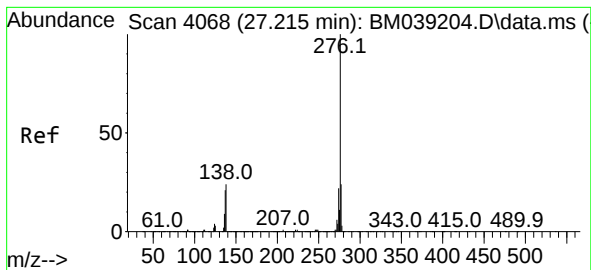
Ion Ratio Lower Upper

278 100

139 18.9 13.9 20.9

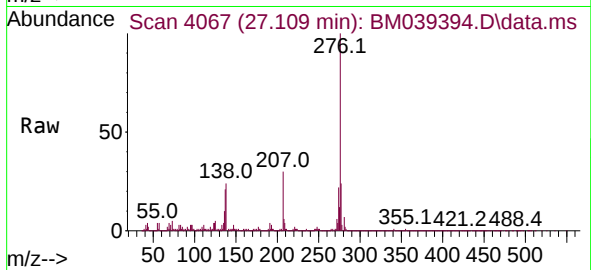
279 23.9 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 45.153 ng
 RT: 27.109 min Scan# 4067
 Delta R.T. 0.006 min
 Lab File: BM039394.D
 Acq: 11 Apr 2023 15:27

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-20424MS



Tgt Ion:276 Resp: 2810020
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.1 28.7
 138 24.1 19.5 29.3

Manual Integrations
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Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023

