

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
 Data File : BM035812.D
 Acq On : 14 Jul 2022 15:01
 Operator : CG/JU
 Sample : N3651-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SED-1-(6-12)MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/15/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 15 01:09:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:21:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	351487	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1440281	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	758240	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	1299773	20.000	ng	0.00
76) Chrysene-d12	21.456	240	963686	20.000	ng	0.00
86) Perylene-d12	23.844	264	1012601	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	2179266	100.708	ng	0.00
7) Phenol-d6	7.075	99	2681323	99.060	ng	0.00
23) Nitrobenzene-d5	9.080	82	1550600	61.546	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	738935	95.966	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	3065279	56.379	ng	0.00
79) Terphenyl-d14	19.903	244	2927390	58.968	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	402300	44.074	ng	93
3) Pyridine	3.728	79	1076000	45.421	ng	90
4) n-Nitrosodimethylamine	3.646	42	511867	49.090	ng	# 70
6) Aniline	7.234	93	1293165	42.752	ng	96
8) 2-Chlorophenol	7.475	128	1236071	54.861	ng	94
9) Benzaldehyde	7.045	77	645080	43.664	ng	92
10) Phenol	7.104	94	1493636	54.801	ng	91
11) bis(2-Chloroethyl)ether	7.339	93	1173350	52.215	ng	95
12) 1,3-Dichlorobenzene	7.798	146	1324733	51.288	ng	98
13) 1,4-Dichlorobenzene	7.945	146	1344556	51.107	ng	99
14) 1,2-Dichlorobenzene	8.263	146	1283895	50.571	ng	99
15) Benzyl Alcohol	8.157	79	968345m	55.631	ng	
16) 2,2'-oxybis(1-Chloropr...	8.451	45	1571989	54.192	ng	97
17) 2-Methylphenol	8.357	107	970119	55.210	ng	95
18) Hexachloroethane	8.992	117	496165	53.595	ng	95
19) n-Nitroso-di-n-propyla...	8.728	70	856375	55.092	ng	88
20) 3+4-Methylphenols	8.686	107	1271913	54.082	ng	97
22) Acetophenone	8.739	105	1735207	49.907	ng	# 93
24) Nitrobenzene	9.122	77	1242675	52.345	ng	96
25) Isophorone	9.645	82	2304552	57.752	ng	98
26) 2-Nitrophenol	9.828	139	591289	57.151	ng	92
27) 2,4-Dimethylphenol	9.892	122	1035378	60.474	ng	97
28) bis(2-Chloroethoxy)met...	10.133	93	1451871	51.605	ng	100
29) 2,4-Dichlorophenol	10.363	162	1020705	54.455	ng	99
30) 1,2,4-Trichlorobenzene	10.580	180	1101998	47.574	ng	98
31) Naphthalene	10.769	128	3586346	49.304	ng	99
32) Benzoic acid	10.039	122	639804	54.183	ng	93
33) 4-Chloroaniline	10.880	127	531644	18.486	ng	95
34) Hexachlorobutadiene	11.051	225	665702	49.830	ng	99
35) Caprolactam	11.663	113	281323	49.074	ng	93
36) 4-Chloro-3-methylphenol	12.004	107	991831	52.328	ng	98
37) 2-Methylnaphthalene	12.380	142	2398519	50.133	ng	98
38) 1-Methylnaphthalene	12.598	142	2265000	48.599	ng	98
40) 1,2,4,5-Tetrachloroben...	12.745	216	1146222	52.219	ng	98
41) Hexachlorocyclopentadiene	12.721	237	1643464	143.555	ng	99
43) 2,4,6-Trichlorophenol	12.980	196	727590	56.892	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	771627	56.246	ng	98
46) 1,1'-Biphenyl	13.386	154	2961338	51.422	ng	99
47) 2-Chloronaphthalene	13.427	162	2275056	51.600	ng	99
48) 2-Nitroaniline	13.627	65	587939	50.716	ng	93
49) Acenaphthylene	14.268	152	3483882	52.276	ng	100
50) Dimethylphthalate	14.010	163	2442576	49.981	ng	99
51) 2,6-Dinitrotoluene	14.127	165	540215	50.636	ng	91
52) Acenaphthene	14.610	154	2059979	50.645	ng	99
53) 3-Nitroaniline	14.451	138	342632	28.144	ng	94
54) 2,4-Dinitrophenol	14.657	184	493768	107.360	ng	88
55) Dibenzofuran	14.945	168	3127264	47.544	ng	98
56) 4-Nitrophenol	14.757	139	907434	90.741	ng	87
57) 2,4-Dinitrotoluene	14.910	165	685003	48.686	ng	97
58) Fluorene	15.592	166	2512967	48.153	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.168	232	579387	51.227	ng	97
60) Diethylphthalate	15.368	149	2383507	49.573	ng	100
61) 4-Chlorophenyl-phenyle...	15.586	204	1222574	47.186	ng	97
62) 4-Nitroaniline	15.609	138	535950	40.857	ng	93
63) Azobenzene	15.880	77	2382573	47.816	ng	94
65) 4,6-Dinitro-2-methylph...	15.662	198	288824	52.131	ng	95
66) n-Nitrosodiphenylamine	15.798	169	2037841	54.829	ng	100
67) 4-Bromophenyl-phenylether	16.480	248	712007	55.313	ng	93
68) Hexachlorobenzene	16.586	284	815956	53.670	ng	92
69) Atrazine	16.751	200	622924	64.865	ng	98
70) Pentachlorophenol	16.927	266	897328	114.247	ng	99
71) Phenanthrene	17.327	178	3367965	49.325	ng	99
72) Anthracene	17.415	178	3403848	51.819	ng	99
73) Carbazole	17.686	167	2985383	45.175	ng	99
74) Di-n-butylphthalate	18.262	149	3592660	50.810	ng	99
75) Fluoranthene	19.339	202	3414854	44.719	ng	99
77) Benzidine	19.521	184	1380288	102.308	ng	99
78) Pyrene	19.697	202	3474466	57.411	ng	99
80) Butylbenzylphthalate	20.603	149	1276175	58.605	ng	100
81) Benzo(a)anthracene	21.444	228	3039892	50.284	ng	99
82) 3,3'-Dichlorobenzidine	21.380	252	822389	67.101	ng	100
83) Chrysene	21.497	228	2898382	49.659	ng	99
84) Bis(2-ethylhexyl)phtha...	21.386	149	1833795	56.224	ng	98
85) Di-n-octyl phthalate	22.309	149	2839965	60.216	ng	96
87) Indeno(1,2,3-cd)pyrene	26.332	276	3971571	53.860	ng	99
88) Benzo(b)fluoranthene	23.121	252	3215797	52.581	ng	99
89) Benzo(k)fluoranthene	23.168	252	3048279	47.652	ng	99
90) Benzo(a)pyrene	23.738	252	2857007	55.831	ng	99
91) Dibenzo(a,h)anthracene	26.356	278	3469282	56.715	ng	99
92) Benzo(g,h,i)perylene	27.097	276	3480273	57.663	ng	99

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

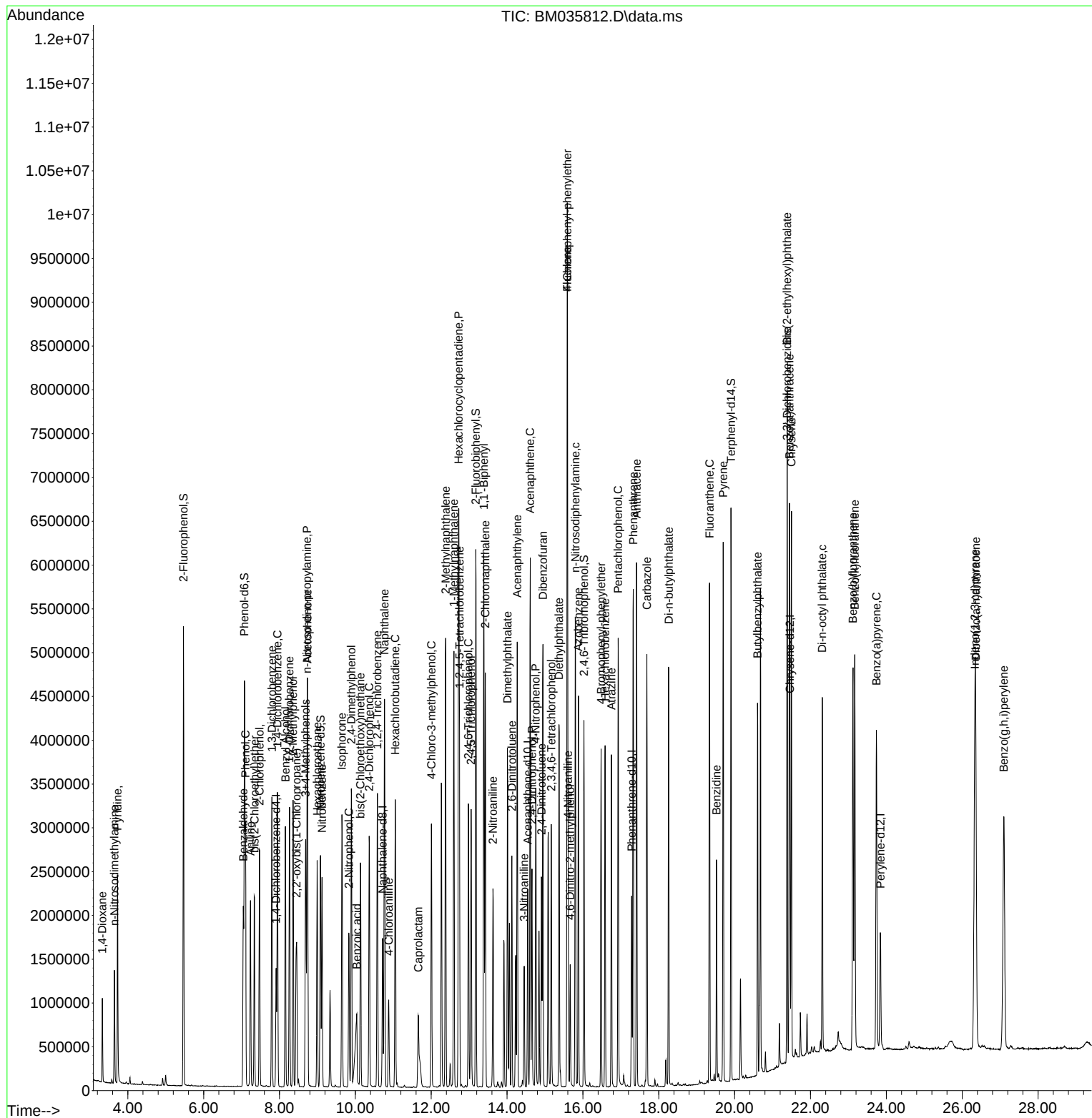
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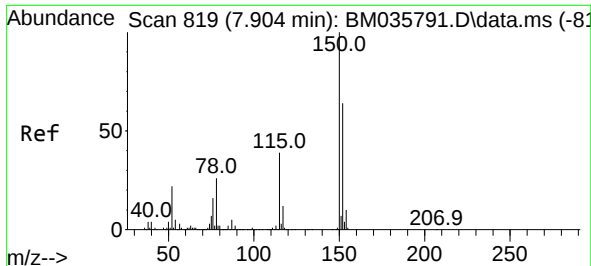
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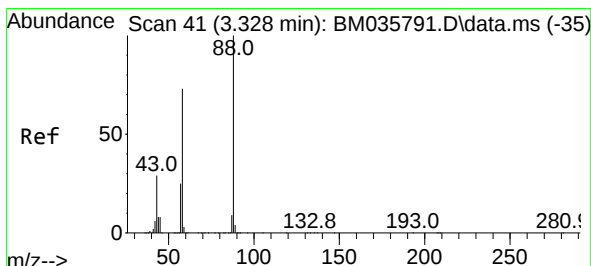
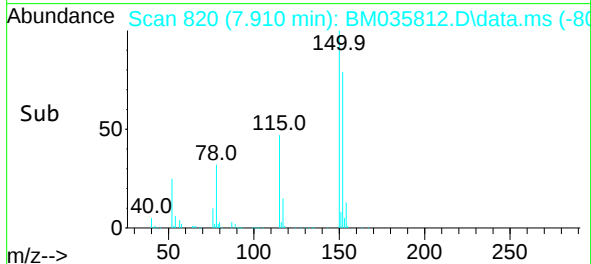
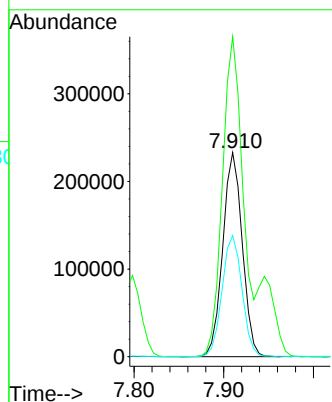
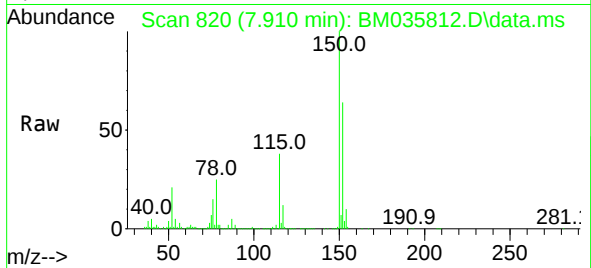
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 819
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 35148
Ion Ratio Lower Upper
152 100
150 156.7 124.9 187.3
115 59.3 47.9 71.9

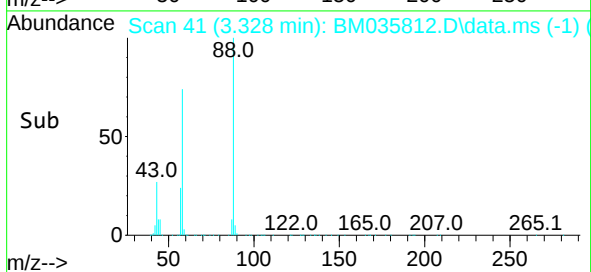
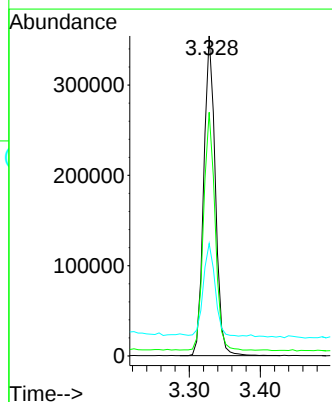
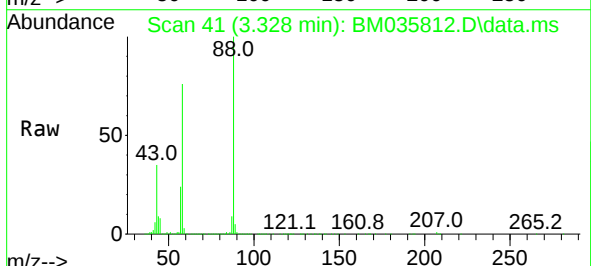
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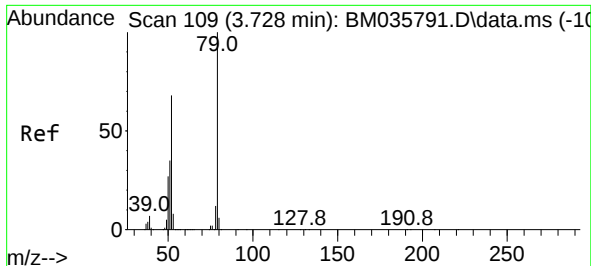
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#2
1,4-Dioxane
Concen: 44.074 ng
RT: 3.328 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

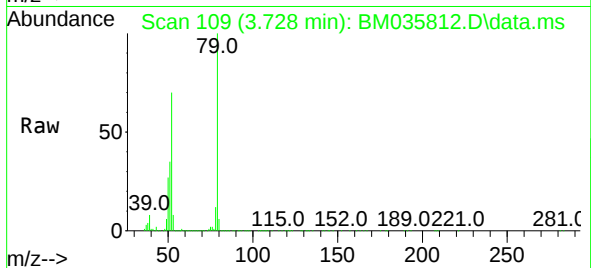
Tgt Ion: 88 Resp: 402300
Ion Ratio Lower Upper
88 100
58 73.8 62.3 93.5
43 29.2 28.7 43.1





#3
Pyridine
Concen: 45.421 ng
RT: 3.728 min Scan# 109
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

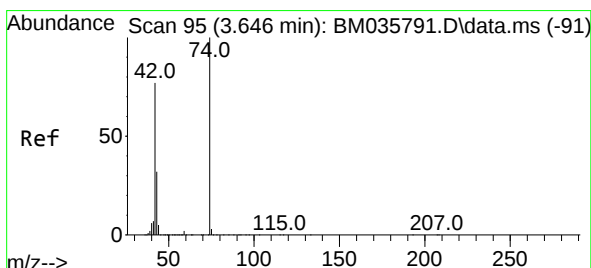
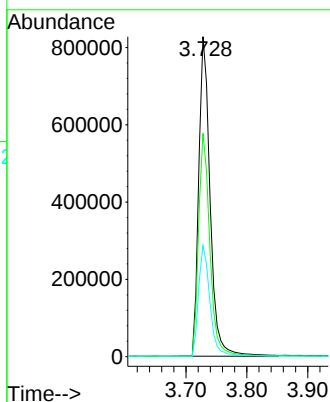
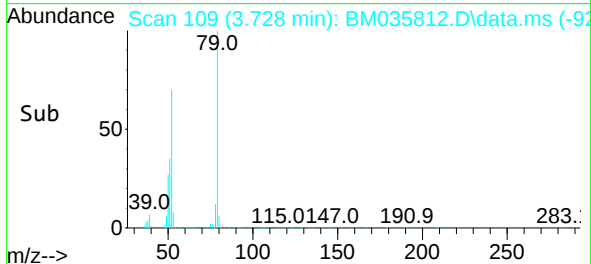
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ClientSampleId :
SED-1-(6-12)MSD



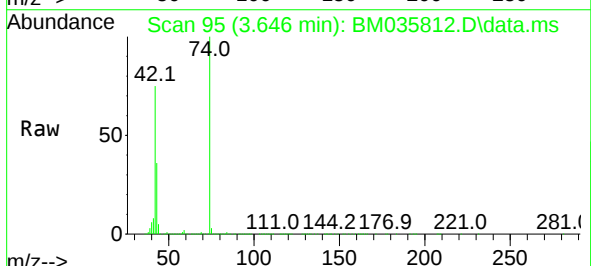
Tgt Ion: 79 Resp: 1076000
Ion Ratio Lower Upper
79 100
52 69.8 61.9 92.9
51 34.8 33.5 50.3

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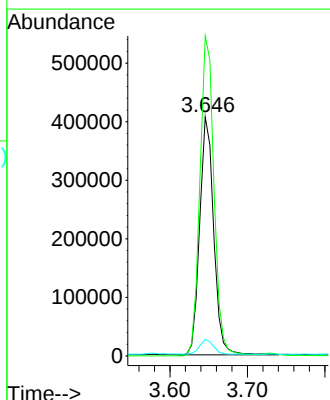
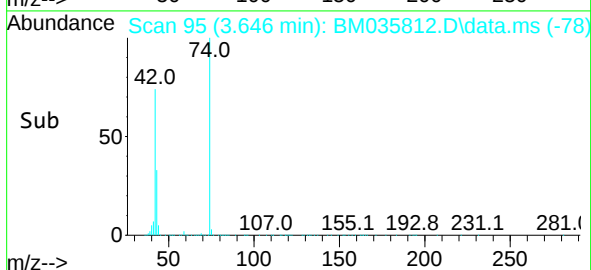
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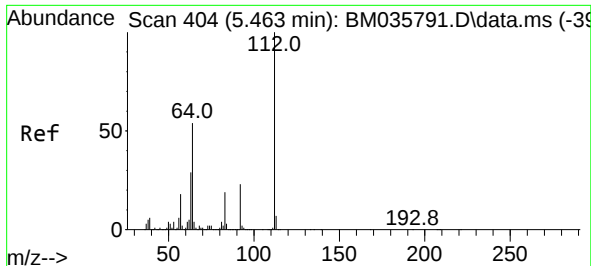


#4
n-Nitrosodimethylamine
Concen: 49.090 ng
RT: 3.646 min Scan# 95
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



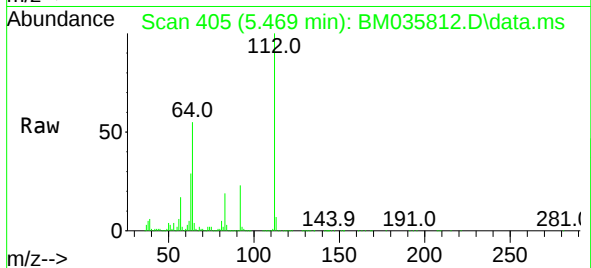
Tgt Ion: 42 Resp: 511867
Ion Ratio Lower Upper
42 100
74 133.8 81.6 122.4
44 7.0 5.2 7.8





#5
2-Fluorophenol
Concen: 100.708 ng
RT: 5.469 min Scan# 404
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

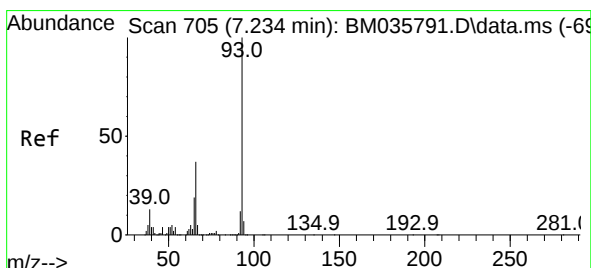
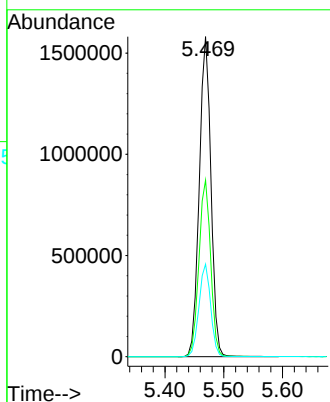
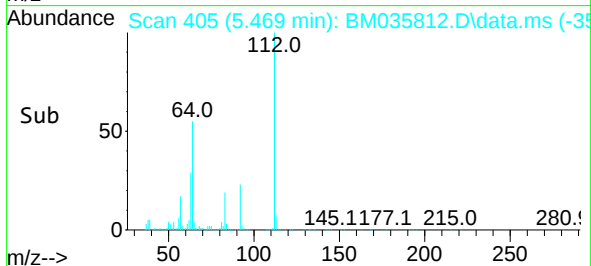
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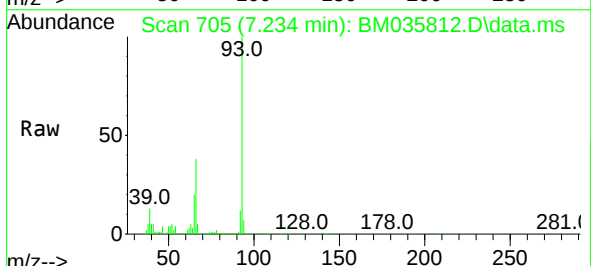
Tgt Ion:112 Resp: 2179260
Ion Ratio Lower Upper
112 100
64 55.1 47.8 71.6
63 28.9 26.6 40.0

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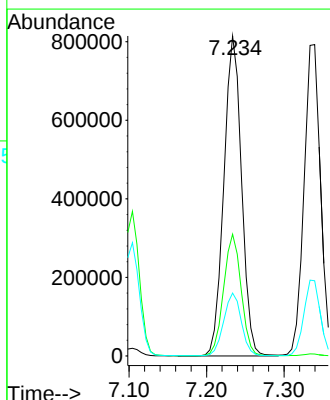
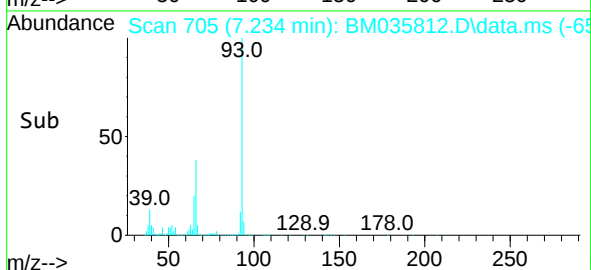
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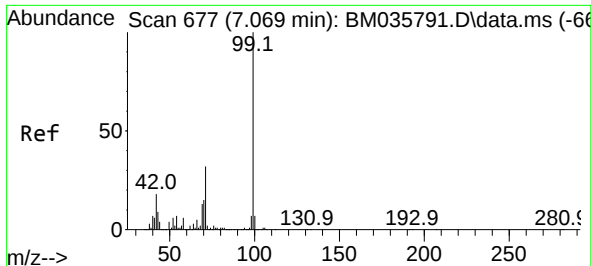


#6
Aniline
Concen: 42.752 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



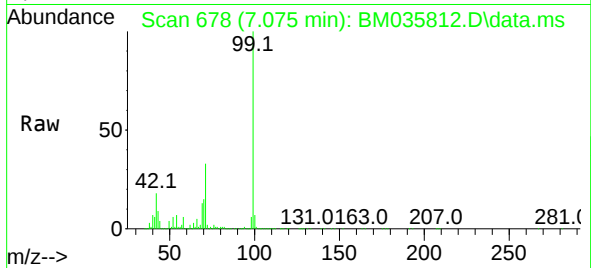
Tgt Ion: 93 Resp: 1293165
Ion Ratio Lower Upper
93 100
66 38.0 32.6 49.0
65 19.7 16.8 25.2





#7
Phenol-d6
Concen: 99.060 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035812.D
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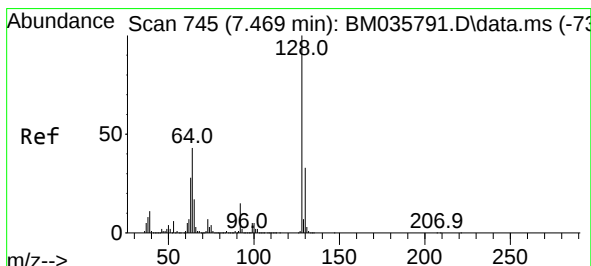
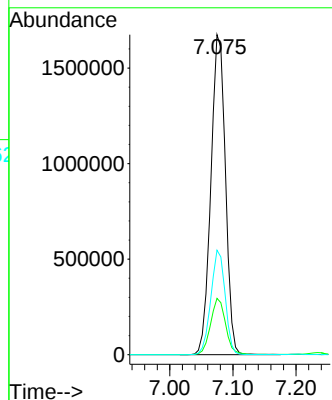
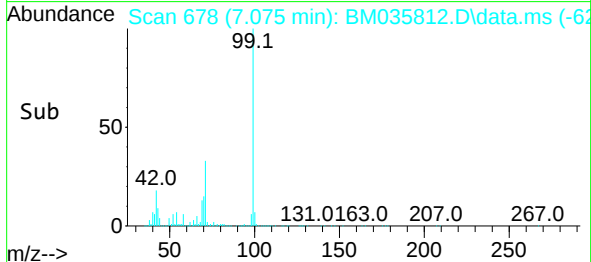
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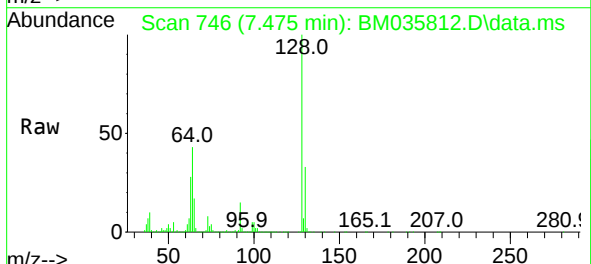
Tgt Ion: 99 Resp: 268132
Ion Ratio Lower Upper
99 100
42 17.6 18.8 28.2
71 32.7 30.2 45.2

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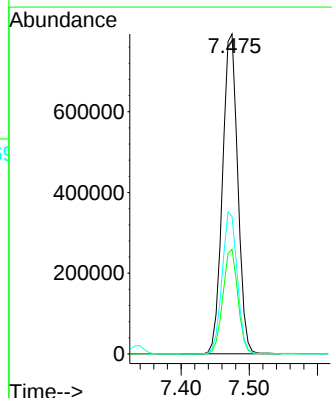
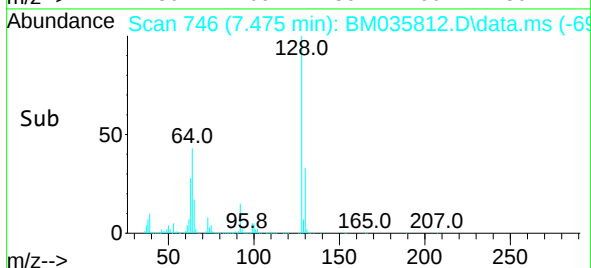
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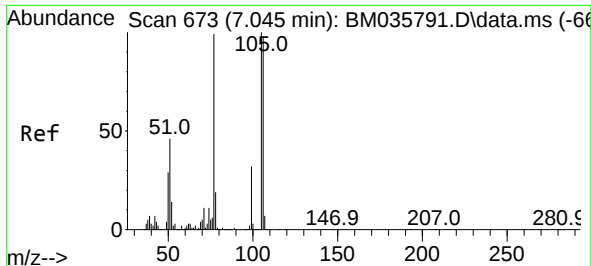


#8
2-Chlorophenol
Concen: 54.861 ng
RT: 7.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BM035812.D
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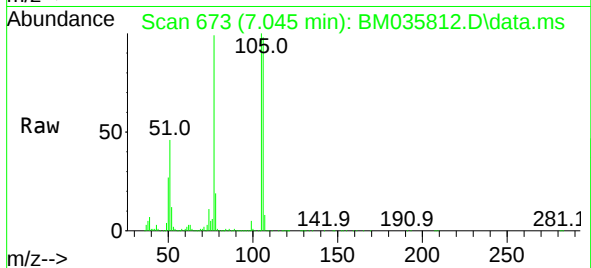
Tgt Ion:128 Resp: 1236071
Ion Ratio Lower Upper
128 100
130 32.7 10.9 50.9
64 42.9 28.2 68.2





#9
Benzaldehyde
Concen: 43.664 ng
RT: 7.045 min Scan# 673
Delta R.T. 0.000 min
Lab File: BM035812.D
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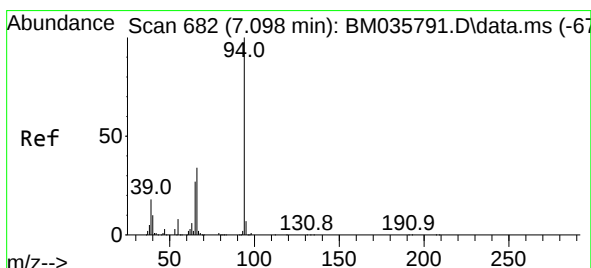
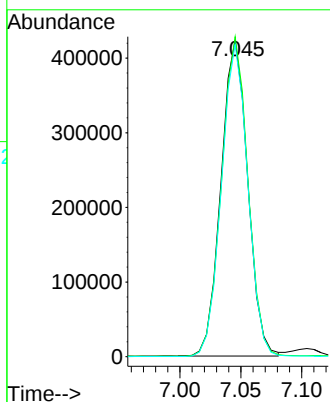
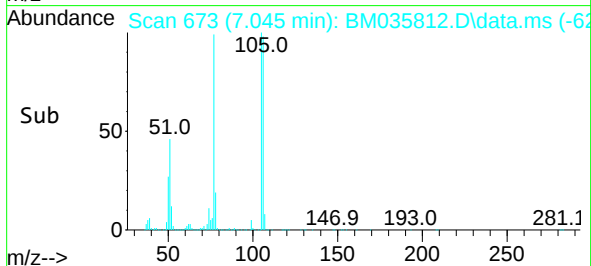
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ClientSampleId :
SED-1-(6-12)MSD



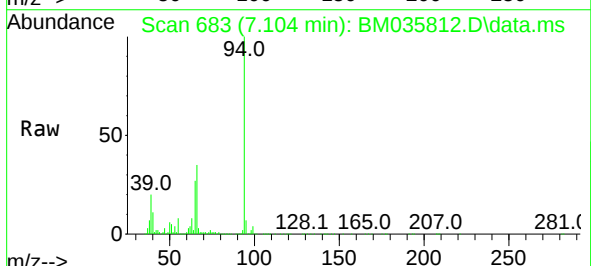
Tgt Ion: 77 Resp: 645080
Ion Ratio Lower Upper
77 100
105 101.1 76.3 116.3
106 98.7 69.0 109.0

Manual Integrations
APPROVED

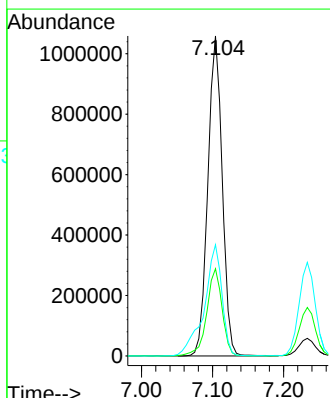
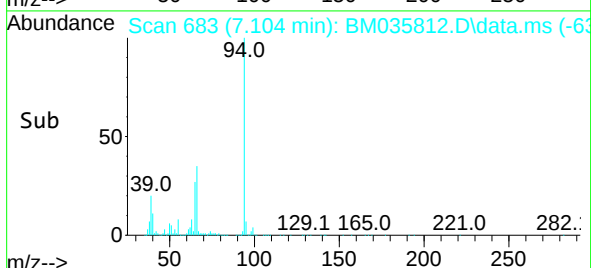
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

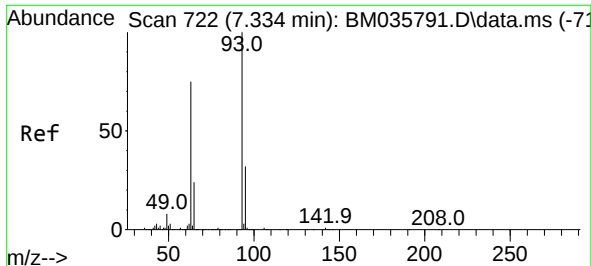


#10
Phenol
Concen: 54.801 ng
RT: 7.104 min Scan# 683
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



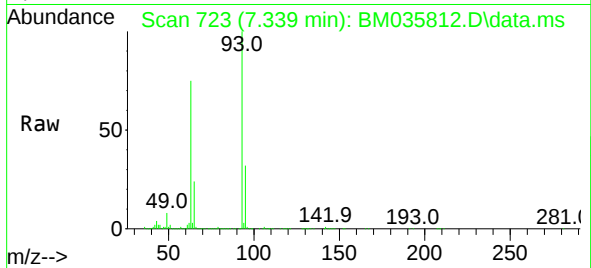
Tgt Ion: 94 Resp: 1493636
Ion Ratio Lower Upper
94 100
65 27.2 11.4 51.4
66 34.8 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 52.215 ng
RT: 7.339 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

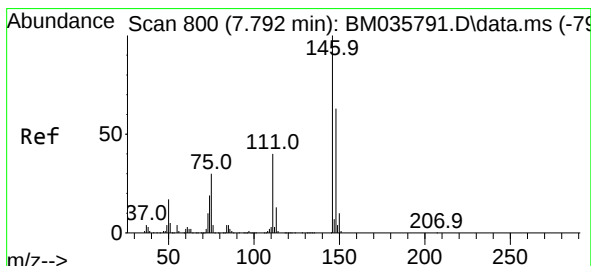
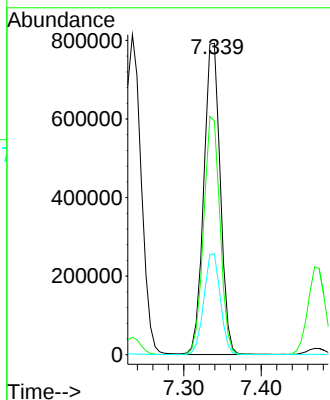
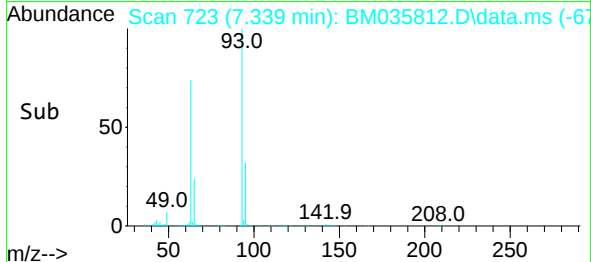
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



Tgt Ion: 93 Resp: 1173350
Ion Ratio Lower Upper
93 100
63 75.1 60.6 100.6
95 32.4 13.2 53.2

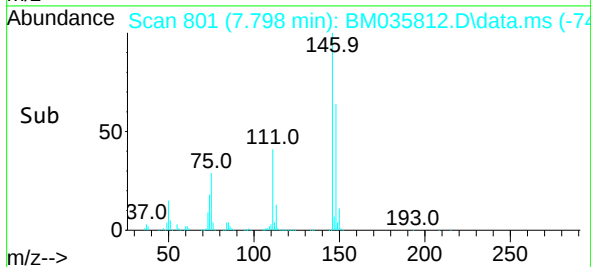
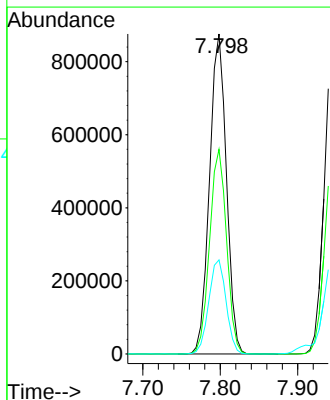
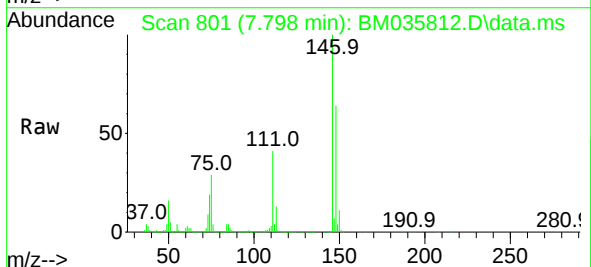
Manual Integrations
APPROVED

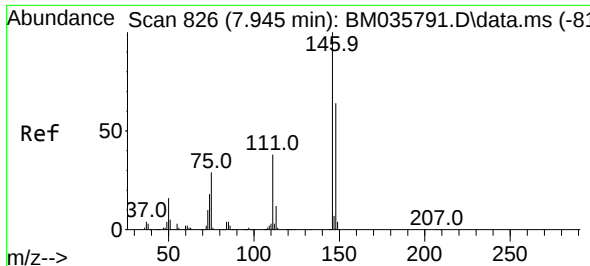
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#12
1,3-Dichlorobenzene
Concen: 51.288 ng
RT: 7.798 min Scan# 801
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

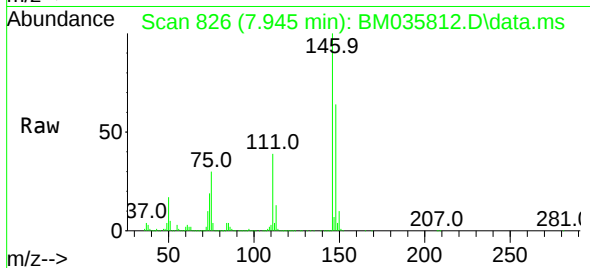
Tgt Ion:146 Resp: 1324733
Ion Ratio Lower Upper
146 100
148 63.9 50.7 76.1
75 29.4 26.1 39.1





#13
1,4-Dichlorobenzene
Concen: 51.107 ng
RT: 7.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

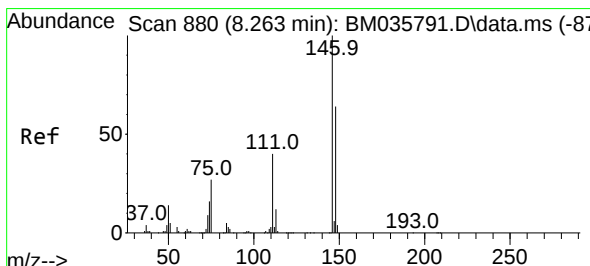
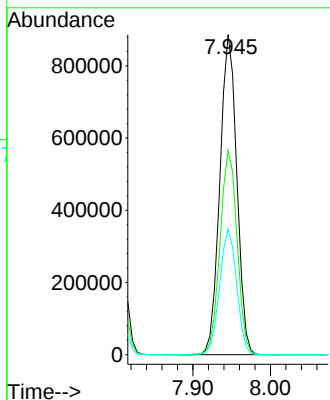
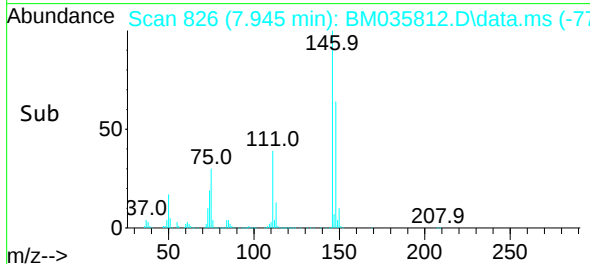
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



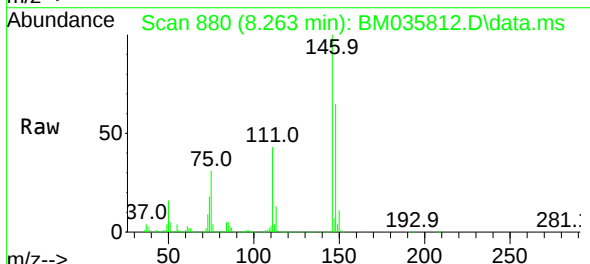
Tgt Ion:146 Resp: 1344550
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
111 39.3 32.5 48.7

Manual Integrations
APPROVED

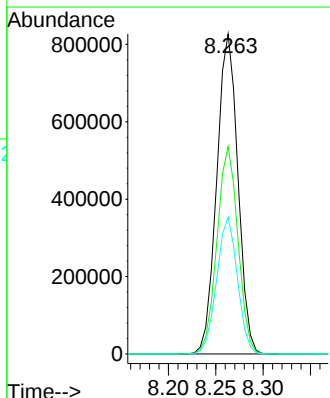
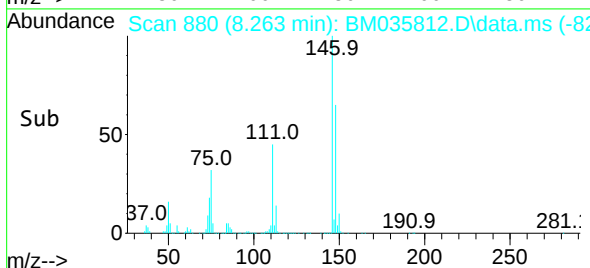
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

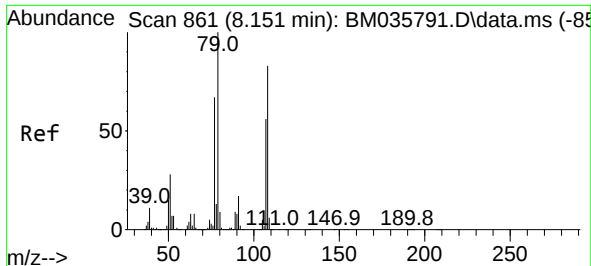


#14
1,2-Dichlorobenzene
Concen: 50.571 ng
RT: 8.263 min Scan# 880
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



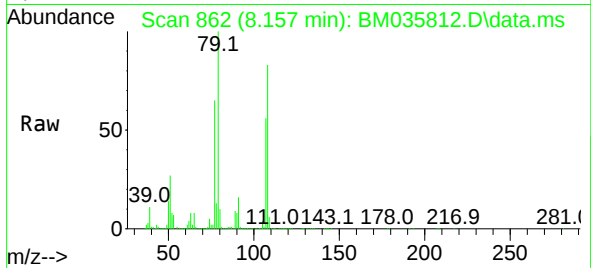
Tgt Ion:146 Resp: 1283895
Ion Ratio Lower Upper
146 100
148 64.8 50.7 76.1
111 42.7 33.9 50.9





#15
Benzyl Alcohol
Concen: 55.631 ng m
RT: 8.157 min Scan# 861
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

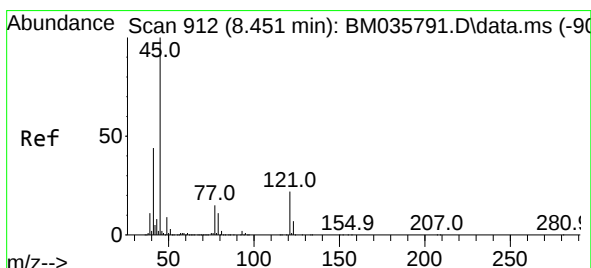
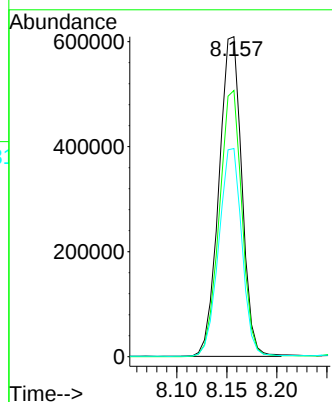
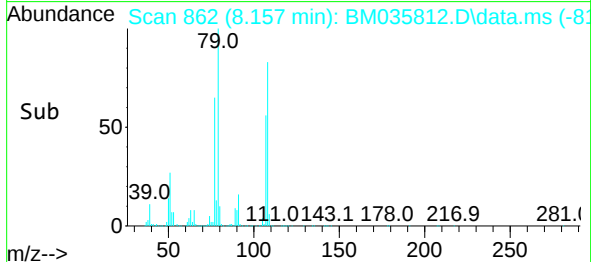
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



Tgt Ion: 79 Resp: 96834
Ion Ratio Lower Upper
79 100
108 83.2 59.0 88.4
77 65.0 52.2 78.4

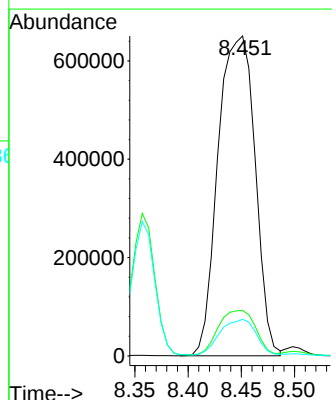
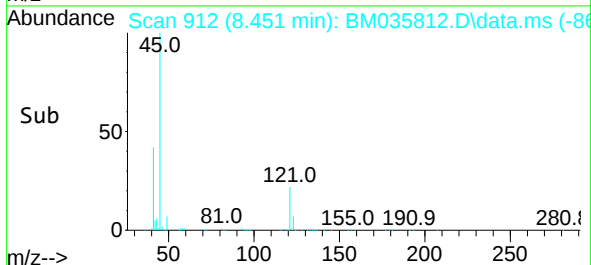
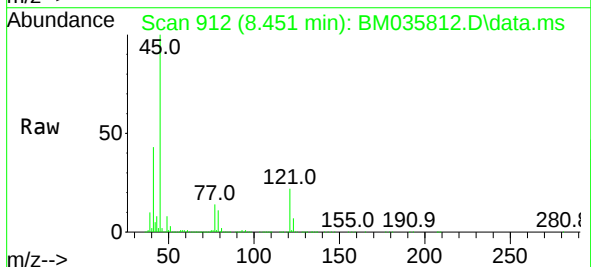
Manual Integrations
APPROVED

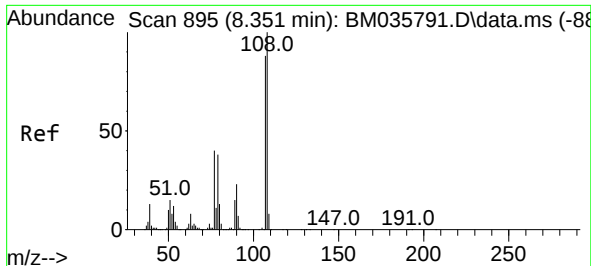
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.192 ng
RT: 8.451 min Scan# 912
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

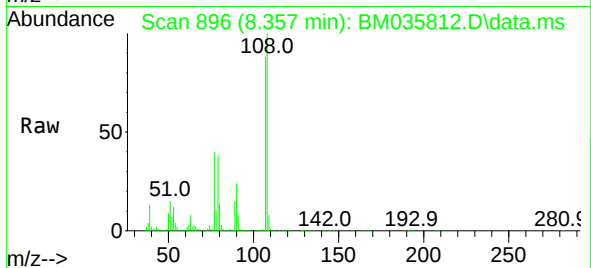
Tgt Ion: 45 Resp: 1571989
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.1
79 11.5 0.0 30.5





#17
2-Methylphenol
Concen: 55.210 ng
RT: 8.357 min Scan# 896
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

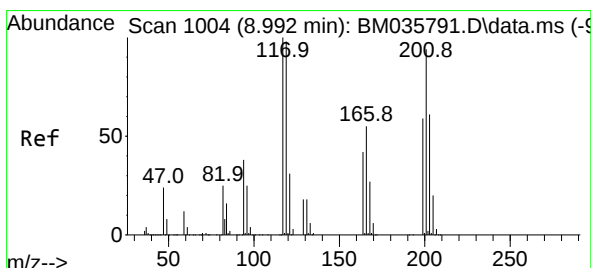
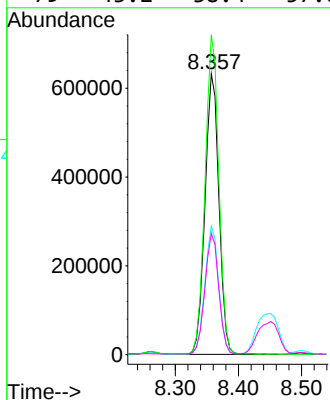
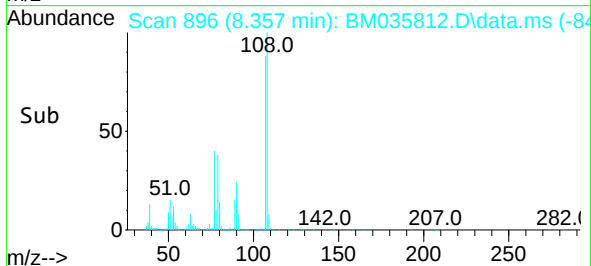
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



Tgt Ion:107 Resp: 970119
Ion Ratio Lower Upper
107 100
108 114.0 88.7 133.1
77 45.8 40.6 60.8
79 43.2 38.4 57.6

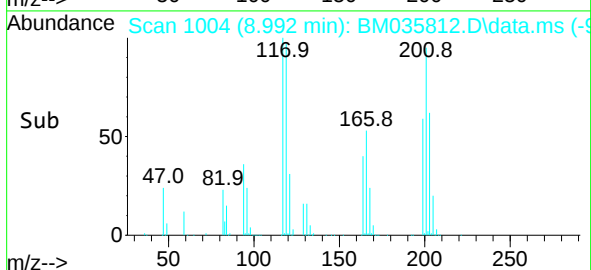
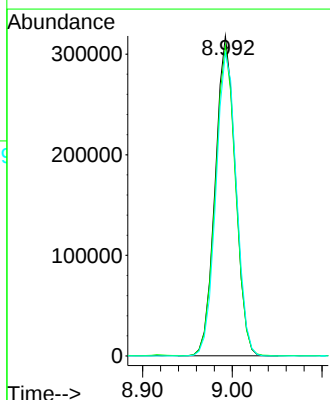
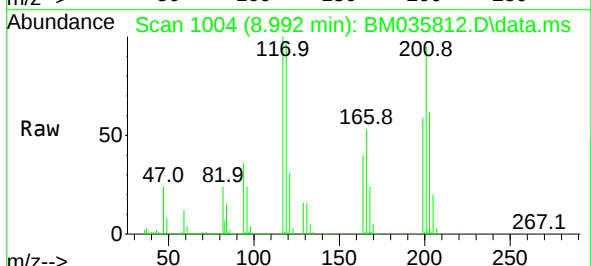
Manual Integrations
APPROVED

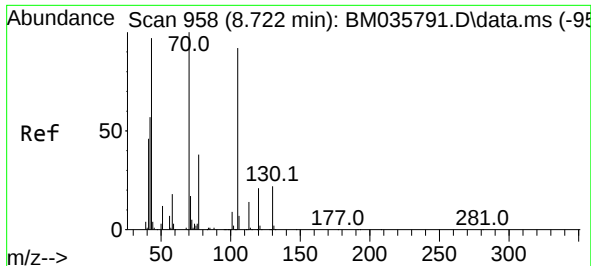
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#18
Hexachloroethane
Concen: 53.595 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

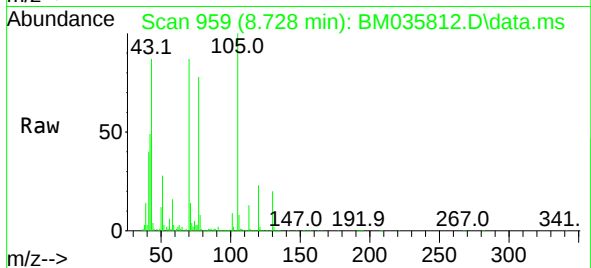
Tgt Ion:117 Resp: 496165
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.6
201 94.7 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 55.092 ng
RT: 8.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

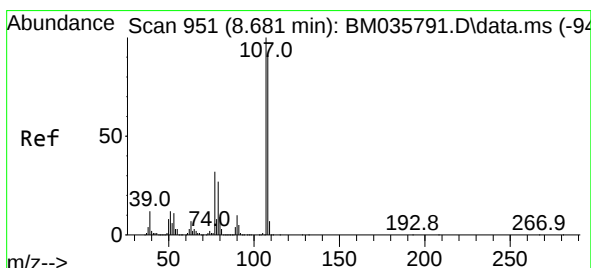
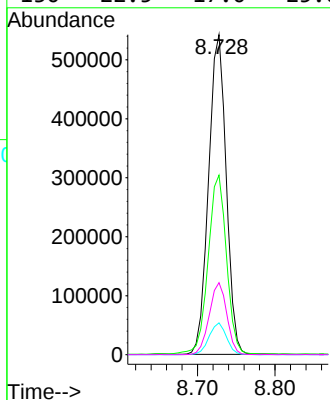
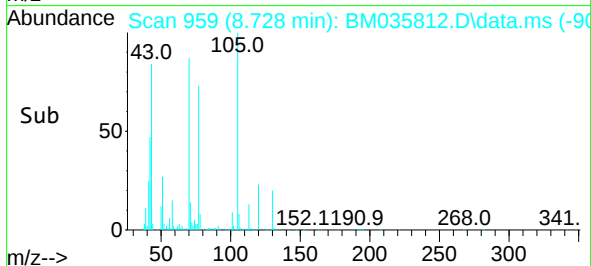
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



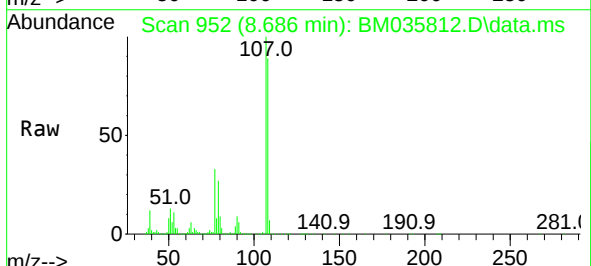
Tgt Ion: 70 Resp: 85637
Ion Ratio Lower Upper
70 100
42 56.1 55.4 83.2
101 10.0 7.8 11.6
130 22.5 17.0 25.6

Manual Integrations
APPROVED

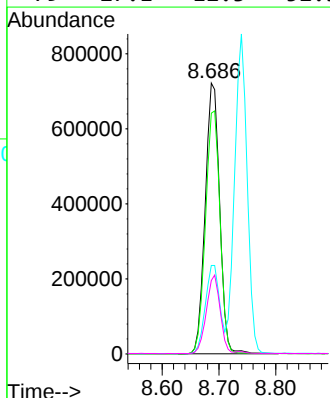
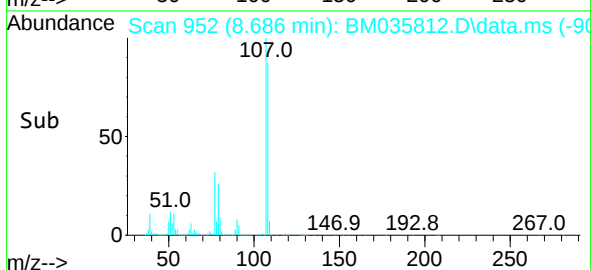
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

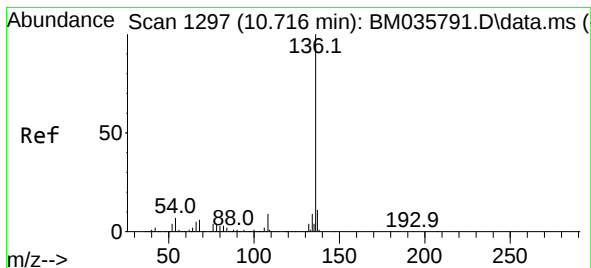


#20
3+4-Methylphenols
Concen: 54.082 ng
RT: 8.686 min Scan# 952
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



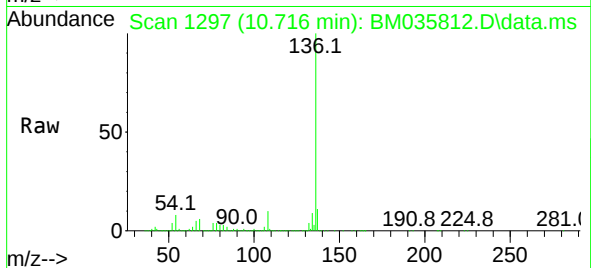
Tgt Ion:107 Resp: 1271913
Ion Ratio Lower Upper
107 100
108 88.9 69.3 109.3
77 32.7 15.8 55.8
79 27.1 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

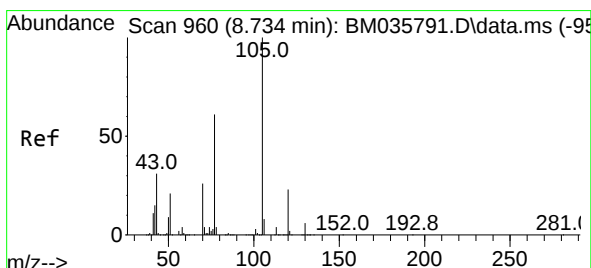
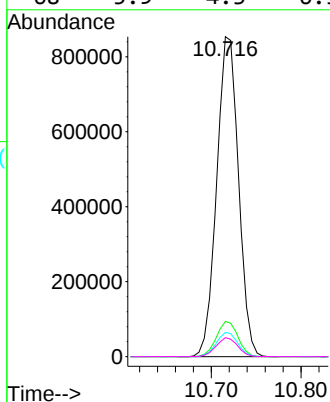
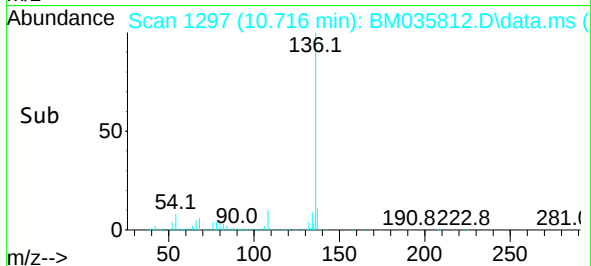
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



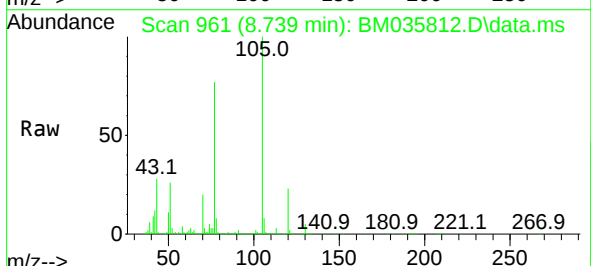
Tgt Ion:136 Resp: 144028
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.6 7.0 10.4
68 5.9 4.3 6.5

Manual Integrations
APPROVED

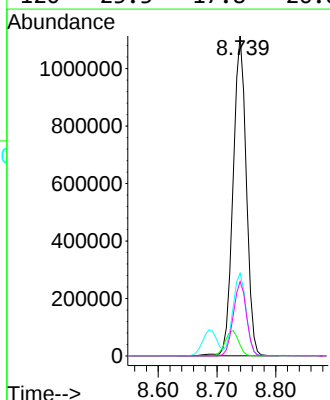
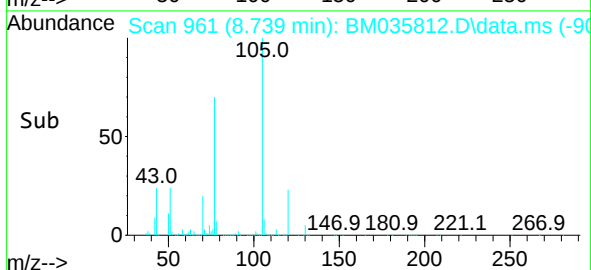
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

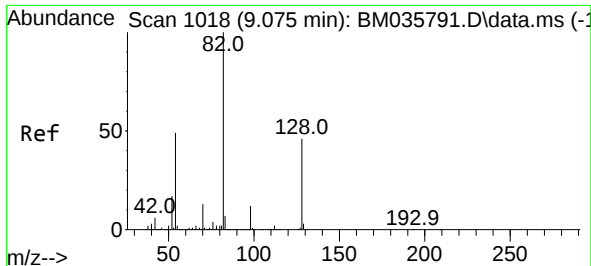


#22
Acetophenone
Concen: 49.907 ng
RT: 8.739 min Scan# 961
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



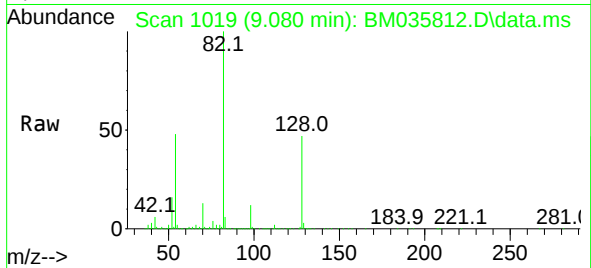
Tgt Ion:105 Resp: 1735207
Ion Ratio Lower Upper
105 100
71 3.4 5.0 7.4#
51 25.8 25.6 38.4
120 23.3 17.8 26.8





#23
Nitrobenzene-d5
Concen: 61.546 ng
RT: 9.080 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

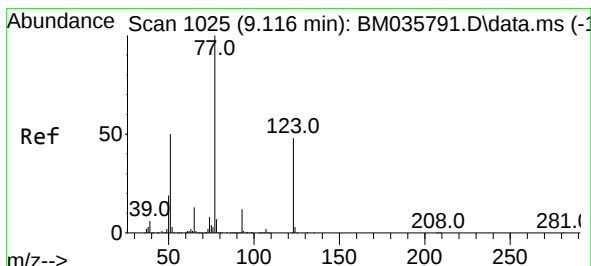
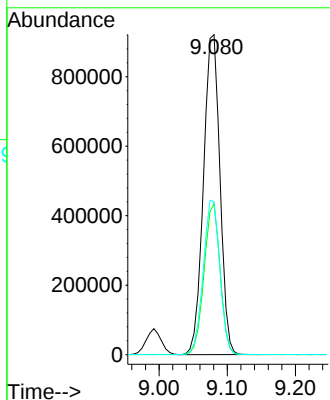
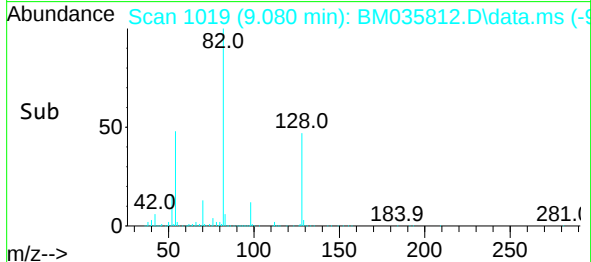
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



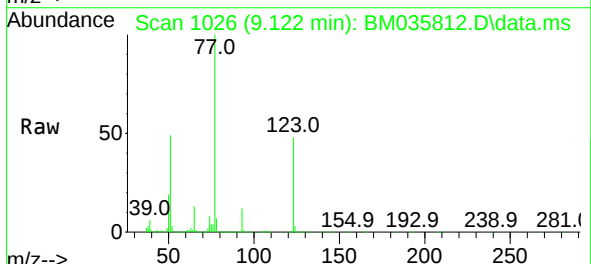
Tgt Ion: 82 Resp: 1550600
Ion Ratio Lower Upper
82 100
128 47.2 33.7 50.5
54 47.8 43.2 64.8

Manual Integrations
APPROVED

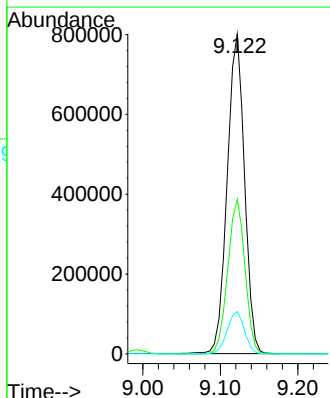
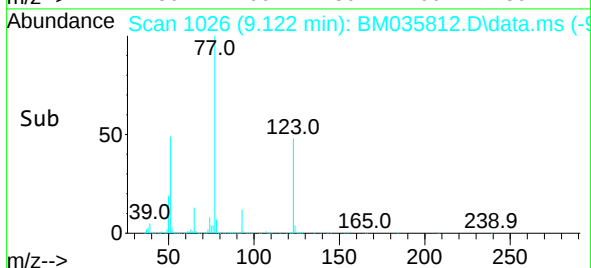
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

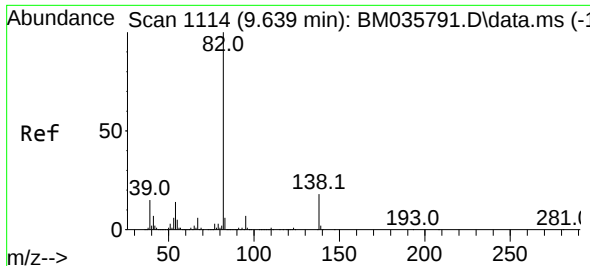


#24
Nitrobenzene
Concen: 52.345 ng
RT: 9.122 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



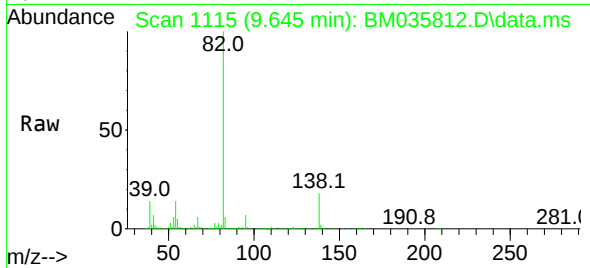
Tgt Ion: 77 Resp: 1242675
Ion Ratio Lower Upper
77 100
123 48.4 36.2 54.4
65 13.3 11.4 17.0





#25
Isophorone
Concen: 57.752 ng
RT: 9.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

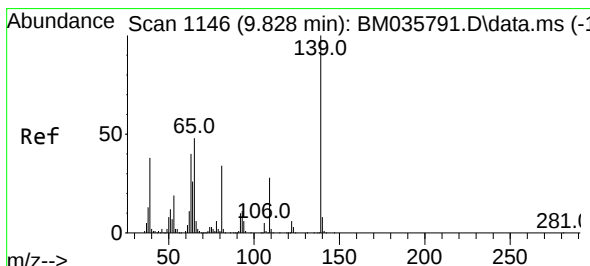
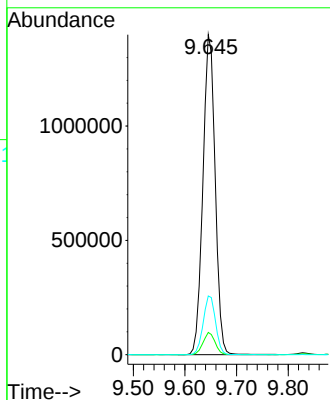
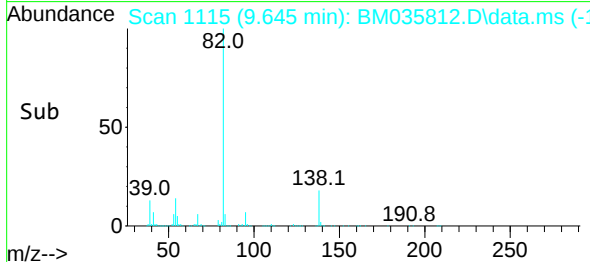
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



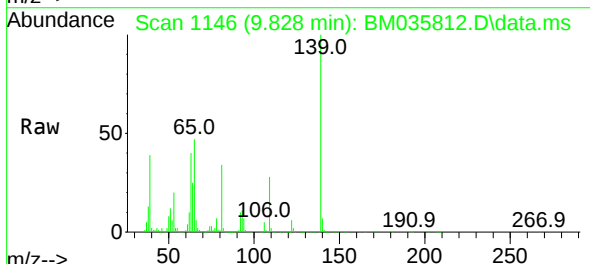
Tgt Ion: 82 Resp: 230455
Ion Ratio Lower Upper
82 100
95 6.9 6.4 9.6
138 18.3 14.2 21.4

Manual Integrations
APPROVED

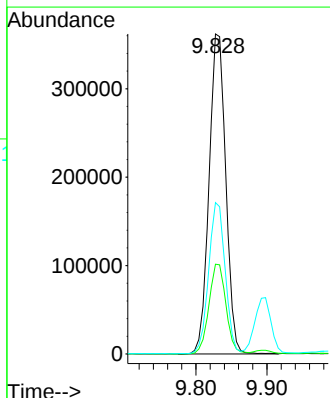
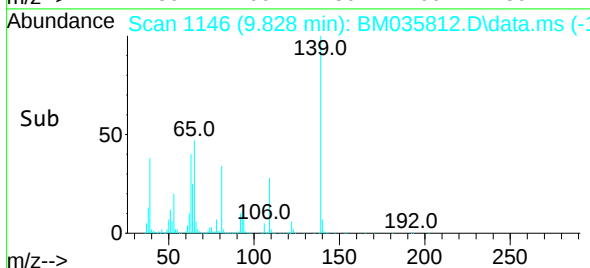
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

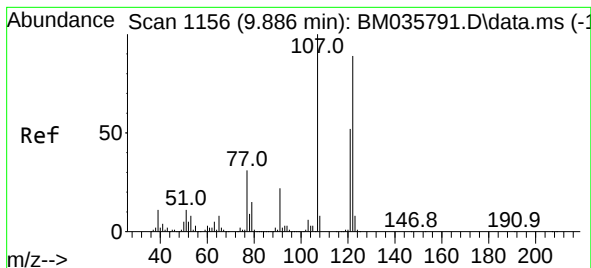


#26
2-Nitrophenol
Concen: 57.151 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



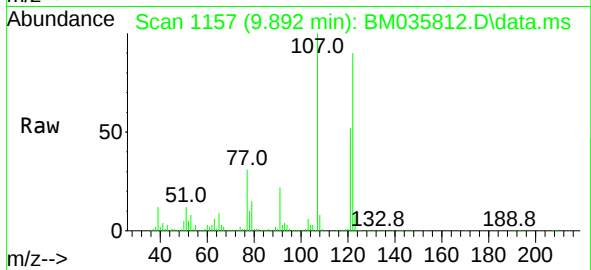
Tgt Ion:139 Resp: 591289
Ion Ratio Lower Upper
139 100
109 28.0 25.6 38.4
65 47.3 43.2 64.8





#27
2,4-Dimethylphenol
Concen: 60.474 ng
RT: 9.892 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

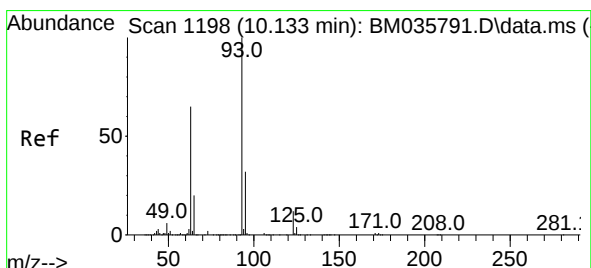
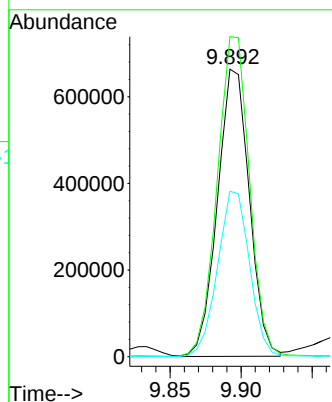
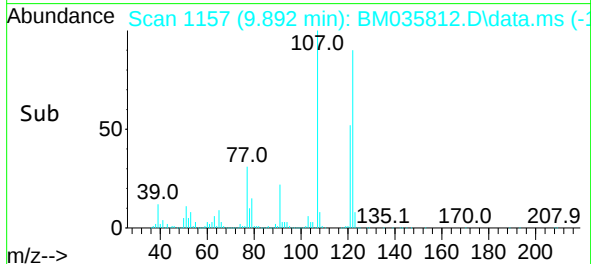
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



Tgt Ion:122 Resp: 1035378
Ion Ratio Lower Upper
122 100
107 111.3 92.4 138.6
121 57.6 47.4 71.0

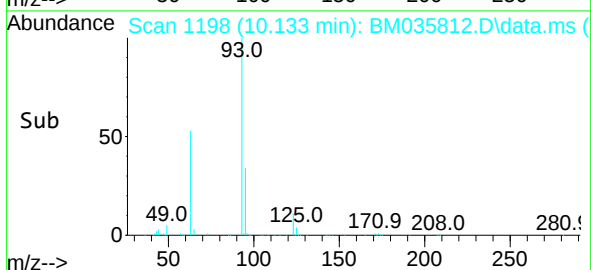
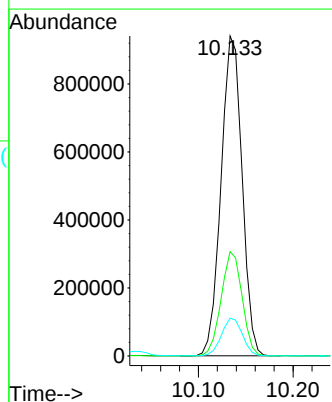
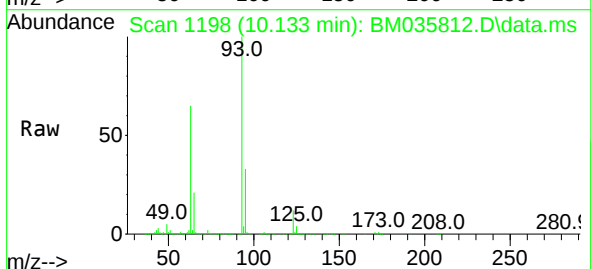
Manual Integrations
APPROVED

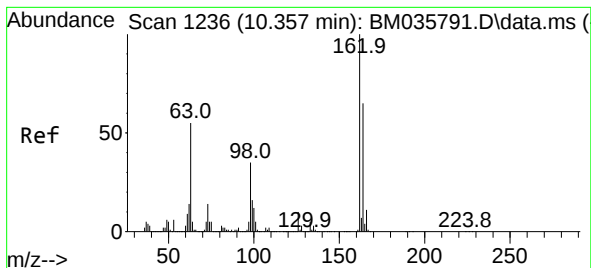
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#28
bis(2-Chloroethoxy)methane
Concen: 51.605 ng
RT: 10.133 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

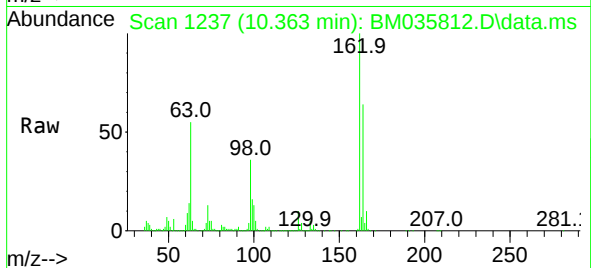
Tgt Ion: 93 Resp: 1451871
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.8 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 54.455 ng
RT: 10.363 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

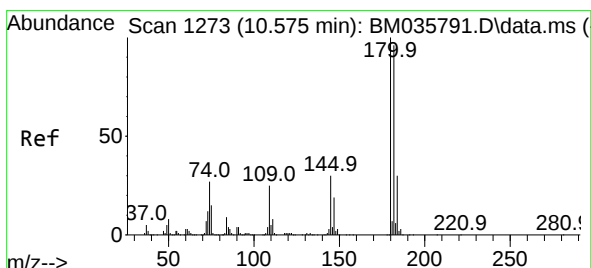
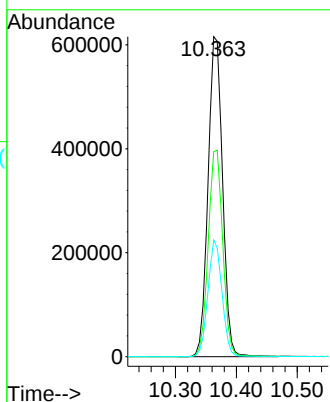
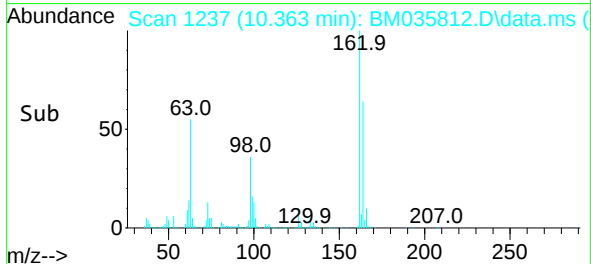
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



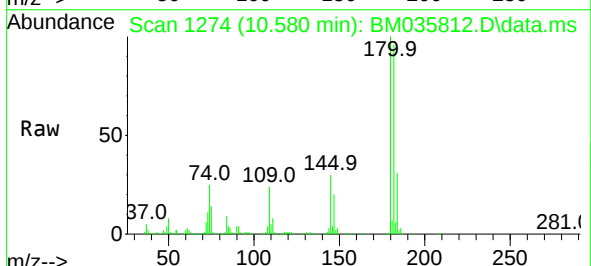
Tgt Ion:162 Resp: 102070
Ion Ratio Lower Upper
162 100
164 64.0 44.2 84.2
98 36.5 15.0 55.0

Manual Integrations
APPROVED

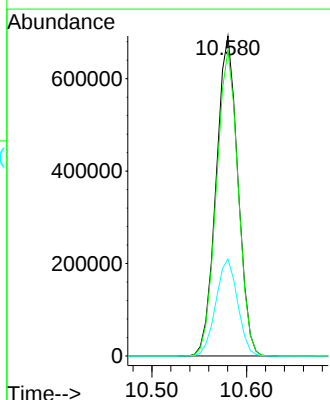
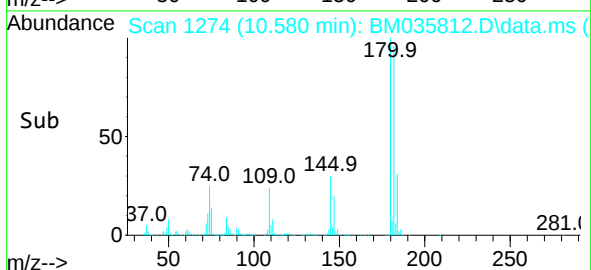
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

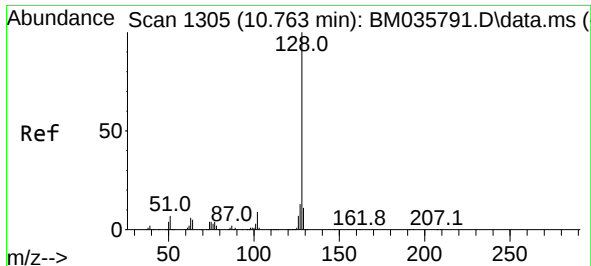


#30
1,2,4-Trichlorobenzene
Concen: 47.574 ng
RT: 10.580 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



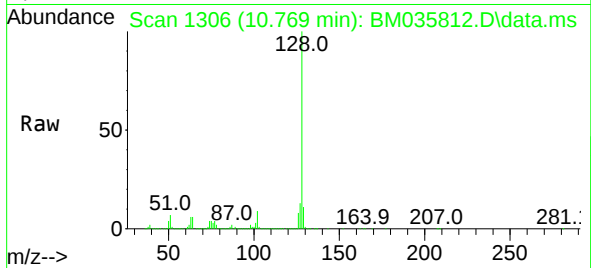
Tgt Ion:180 Resp: 1101998
Ion Ratio Lower Upper
180 100
182 95.5 77.9 116.9
145 30.3 25.0 37.6





#31
Naphthalene
Concen: 49.304 ng
RT: 10.769 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

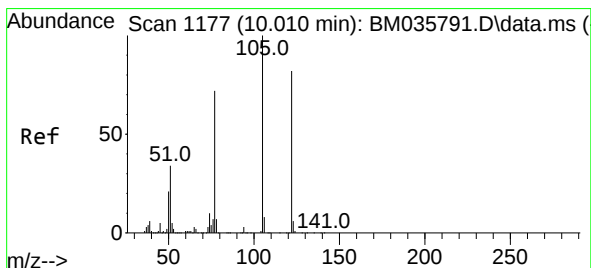
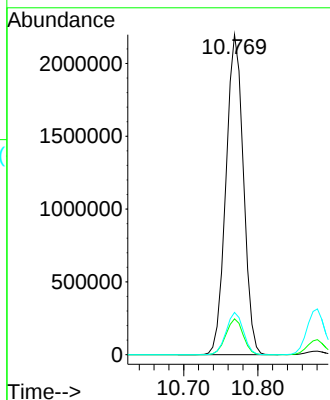
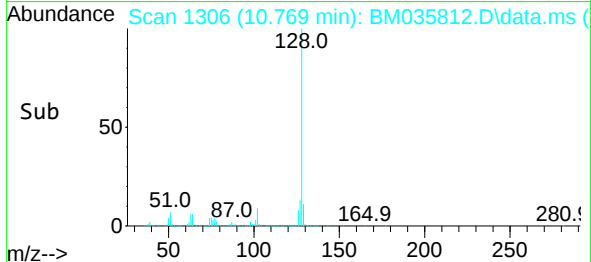
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



Tgt Ion:128 Resp: 3586340
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.6 16.0

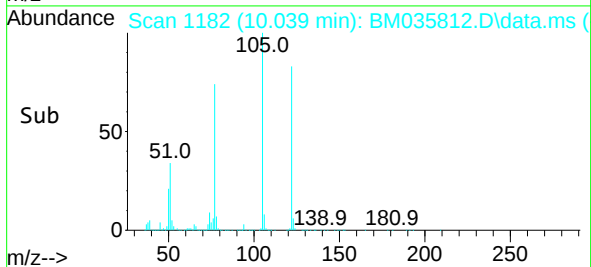
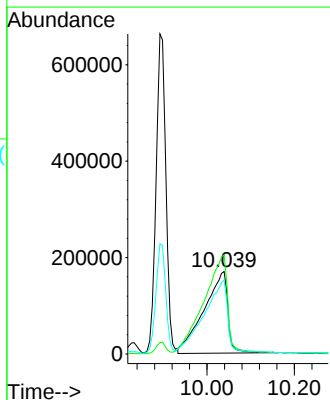
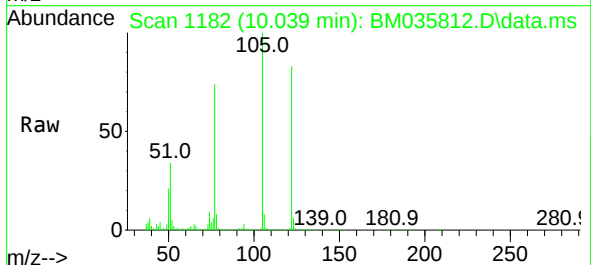
Manual Integrations
APPROVED

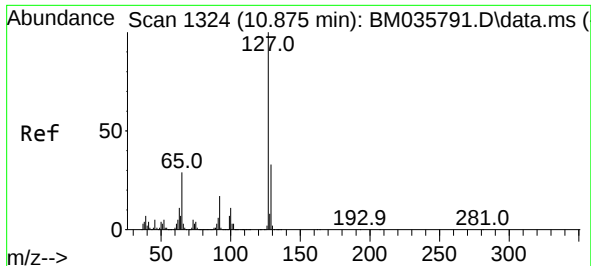
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#32
Benzoic acid
Concen: 54.183 ng
RT: 10.039 min Scan# 1182
Delta R.T. 0.029 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

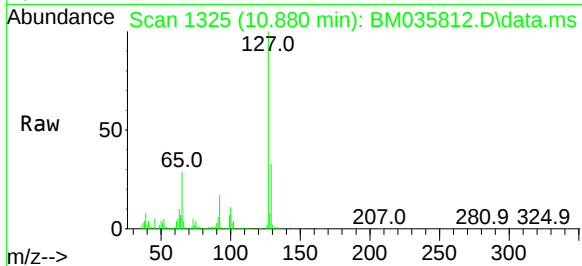
Tgt Ion:122 Resp: 639804
Ion Ratio Lower Upper
122 100
105 120.2 105.7 145.7
77 89.2 80.0 120.0





#33
4-Chloroaniline
Concen: 18.486 ng
RT: 10.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

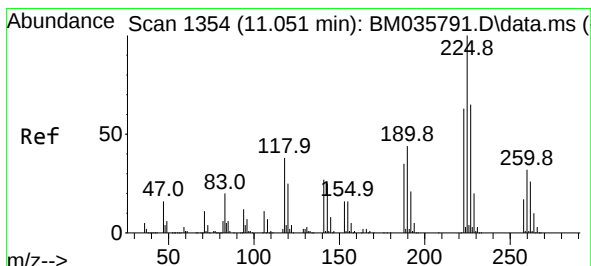
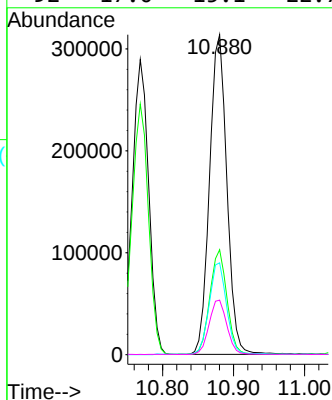
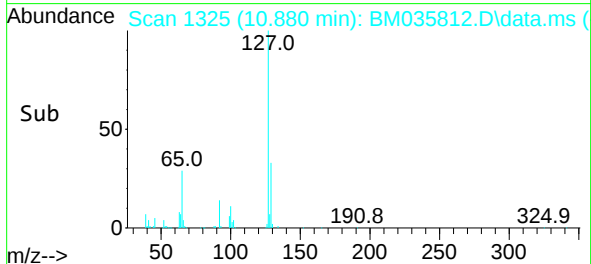
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



Tgt Ion:127 Resp: 531644
Ion Ratio Lower Upper
127 100
129 32.8 25.7 38.5
65 28.7 26.6 40.0
92 17.0 15.1 22.7

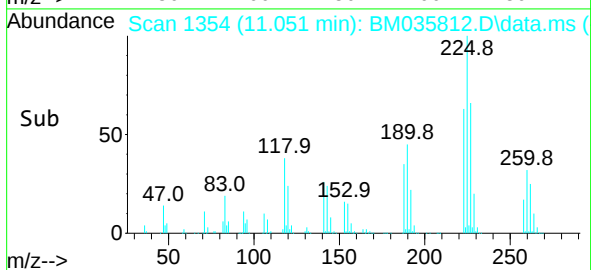
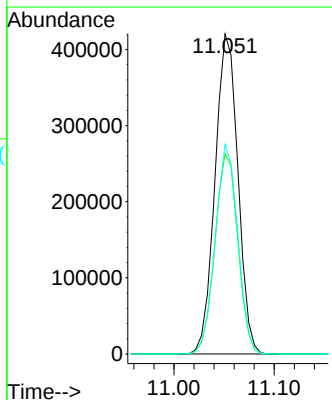
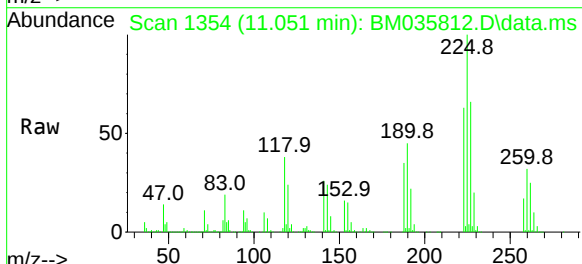
Manual Integrations
APPROVED

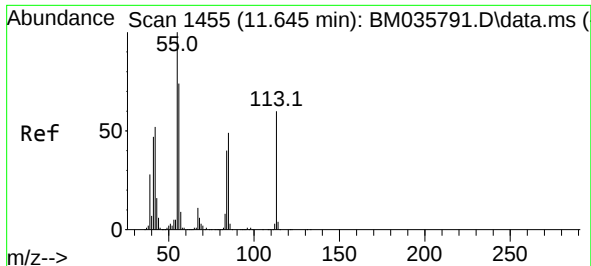
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#34
Hexachlorobutadiene
Concen: 49.830 ng
RT: 11.051 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

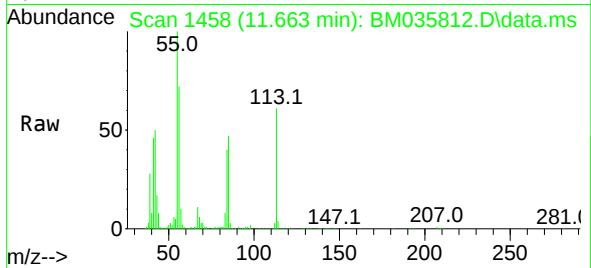
Tgt Ion:225 Resp: 665702
Ion Ratio Lower Upper
225 100
223 62.6 50.8 76.2
227 65.5 52.7 79.1





#35
Caprolactam
Concen: 49.074 ng
RT: 11.663 min Scan# 1455
Delta R.T. 0.018 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

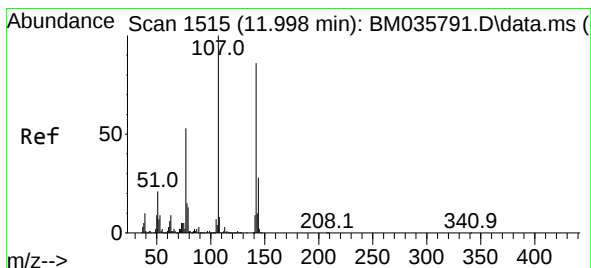
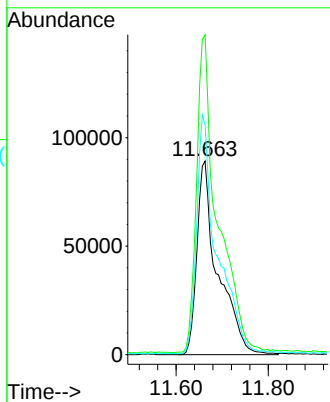
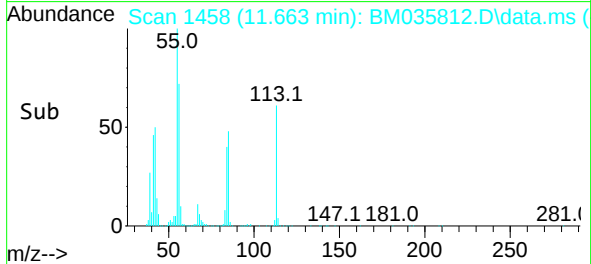
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



Tgt Ion:113 Resp: 28132
Ion Ratio Lower Upper
113 100
55 165.3 150.1 190.1
56 118.7 111.7 151.7

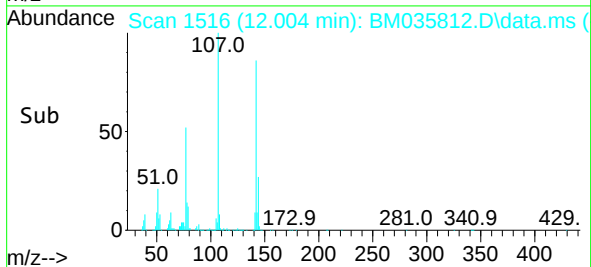
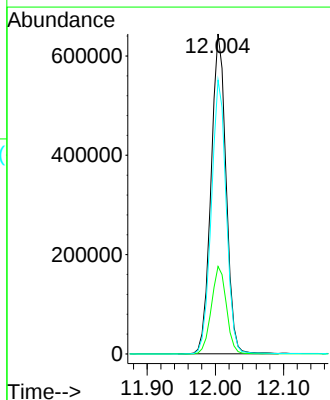
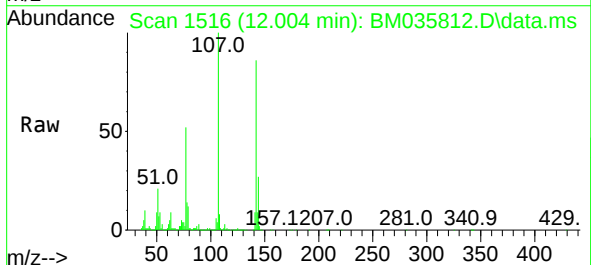
Manual Integrations
APPROVED

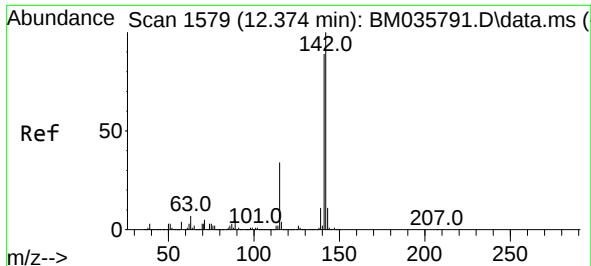
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#36
4-Chloro-3-methylphenol
Concen: 52.328 ng
RT: 12.004 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

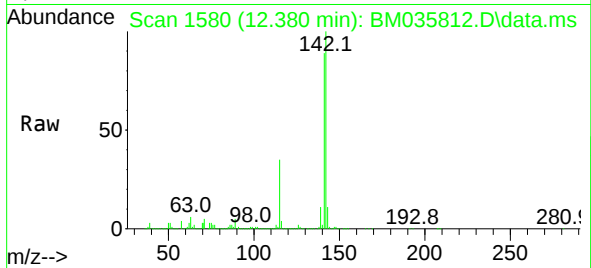
Tgt Ion:107 Resp: 991831
Ion Ratio Lower Upper
107 100
144 27.3 21.4 32.0
142 85.6 66.7 100.1





#37
2-Methylnaphthalene
Concen: 50.133 ng
RT: 12.380 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

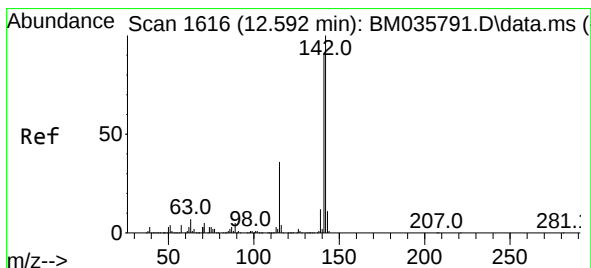
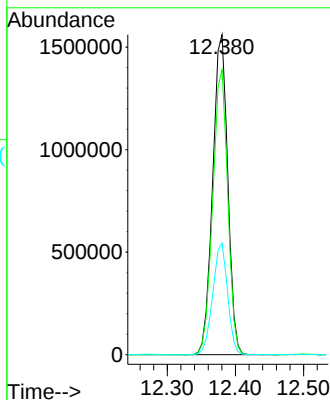
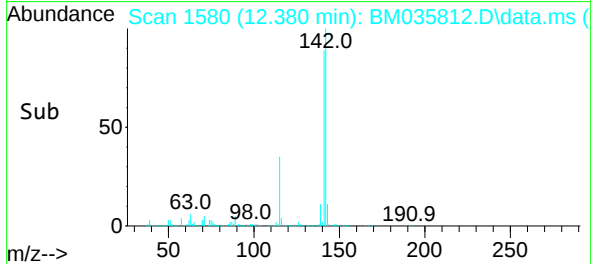
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



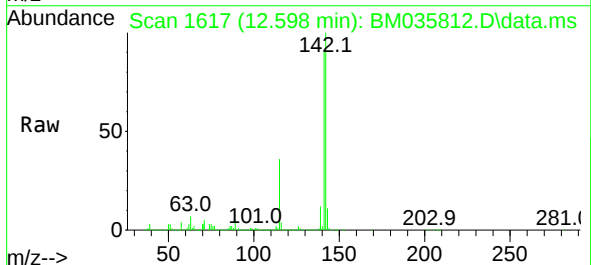
Tgt Ion:142 Resp: 2398519
Ion Ratio Lower Upper
142 100
141 89.0 72.4 108.6
115 34.9 29.6 44.4

Manual Integrations
APPROVED

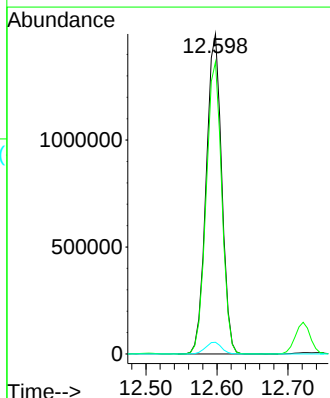
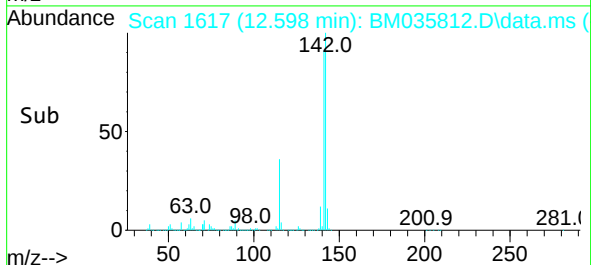
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

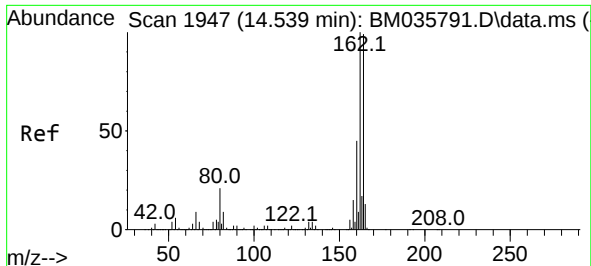


#38
1-Methylnaphthalene
Concen: 48.599 ng
RT: 12.598 min Scan# 1617
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



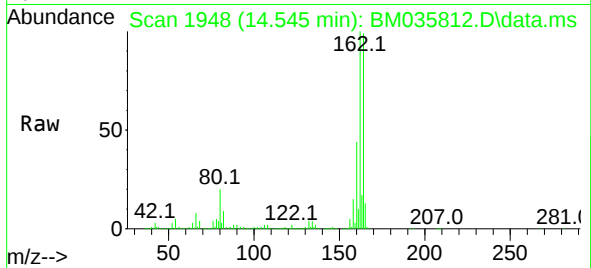
Tgt Ion:142 Resp: 2265000
Ion Ratio Lower Upper
142 100
141 91.3 75.0 112.4
116 3.6 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

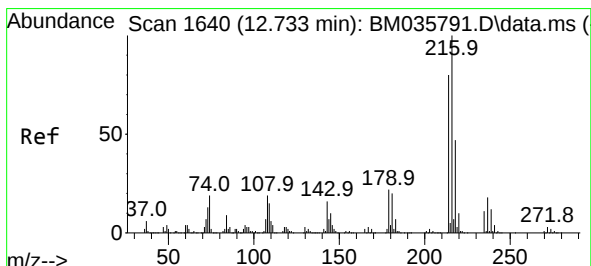
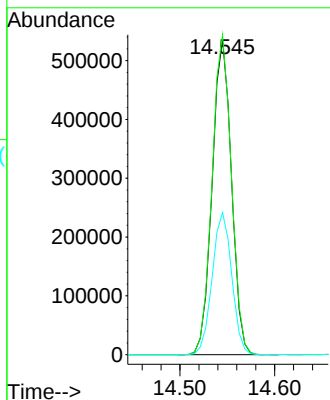
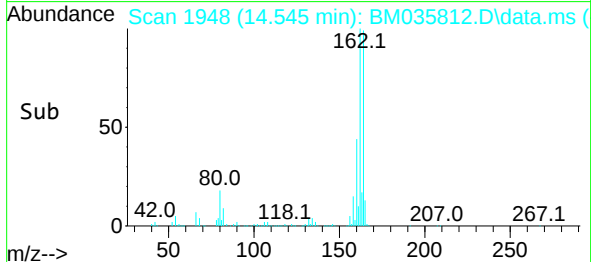
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



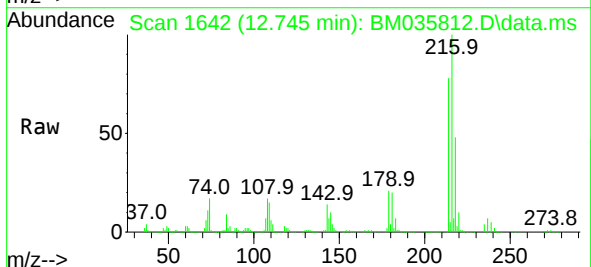
Tgt Ion:164 Resp: 758240
Ion Ratio Lower Upper
164 100
162 101.5 83.0 124.6
160 45.1 37.0 55.4

Manual Integrations
APPROVED

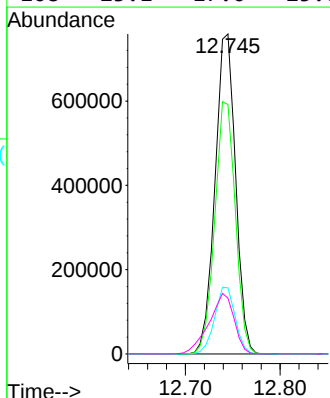
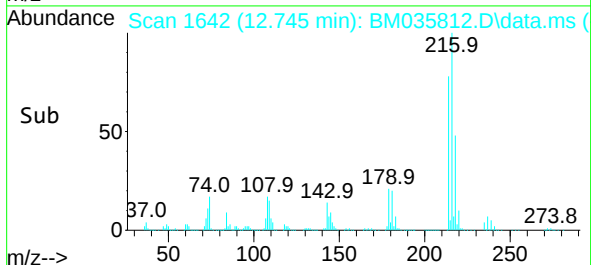
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

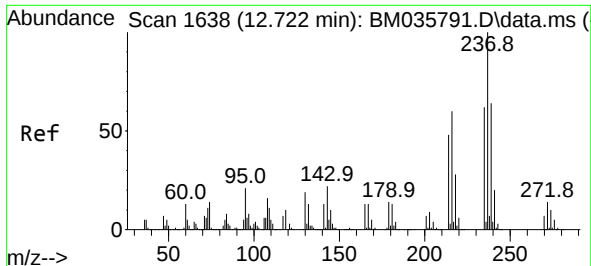


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.219 ng
RT: 12.745 min Scan# 1642
Delta R.T. 0.012 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



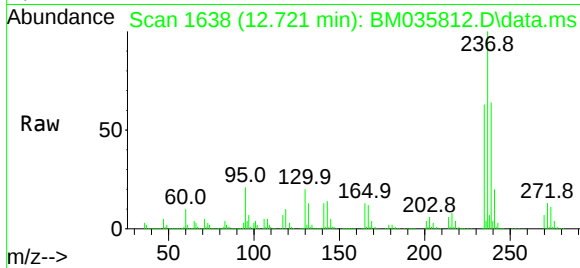
Tgt Ion:216 Resp: 1146222
Ion Ratio Lower Upper
216 100
214 78.9 62.6 94.0
179 20.9 18.2 27.2
108 23.1 17.0 25.6





#41
Hexachlorocyclopentadiene
Concen: 143.555 ng
RT: 12.721 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

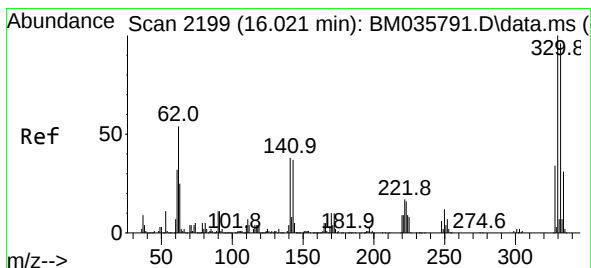
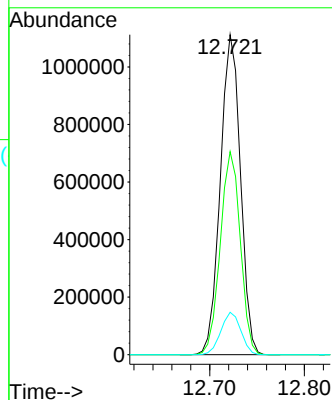
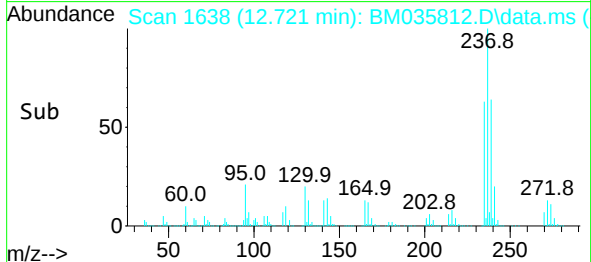
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



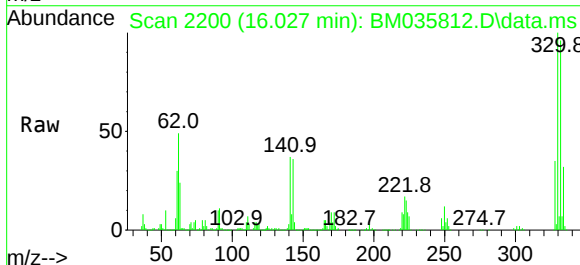
Tgt Ion:237 Resp: 164346
Ion Ratio Lower Upper
237 100
235 63.4 43.8 83.8
272 13.3 0.0 32.5

Manual Integrations
APPROVED

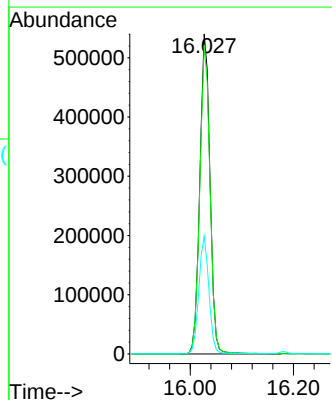
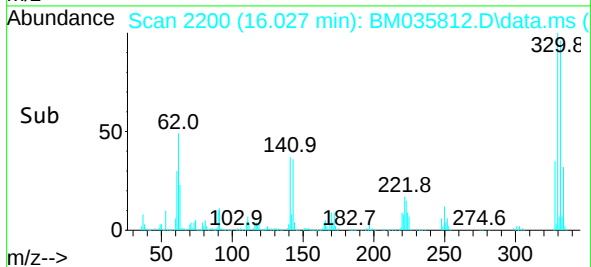
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

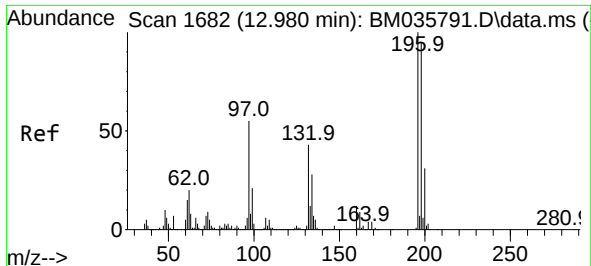


#42
2,4,6-Tribromophenol
Concen: 95.966 ng
RT: 16.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



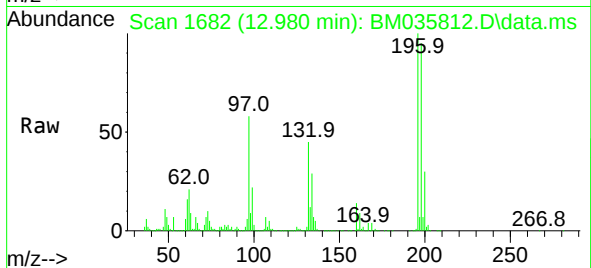
Tgt Ion:330 Resp: 738935
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 36.5 35.3 52.9





#43
2,4,6-Trichlorophenol
Concen: 56.892 ng
RT: 12.980 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

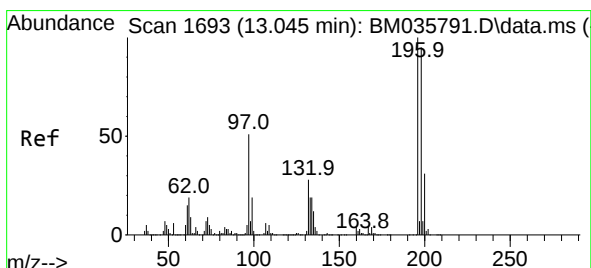
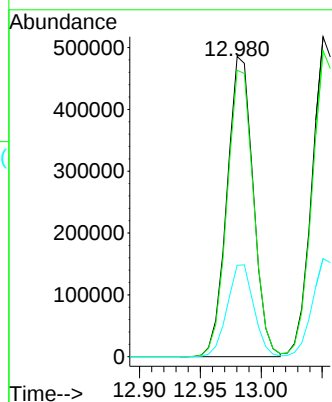
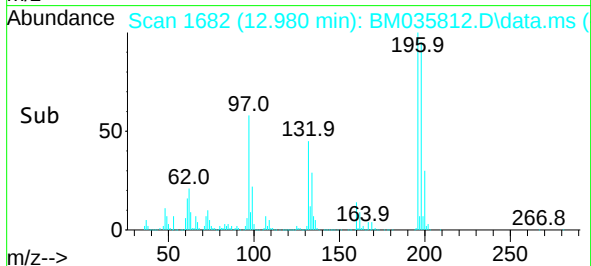
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



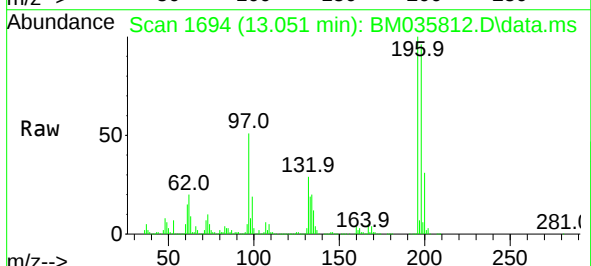
Tgt Ion:196 Resp: 727590
Ion Ratio Lower Upper
196 100
198 95.4 75.8 113.6
200 30.4 24.9 37.3

Manual Integrations
APPROVED

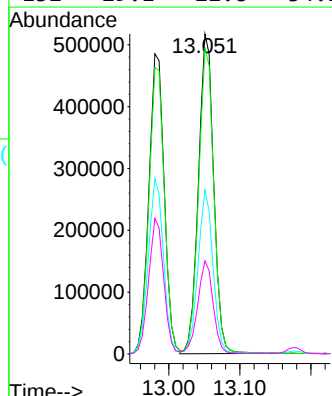
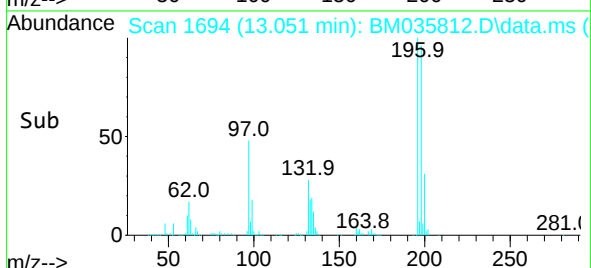
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

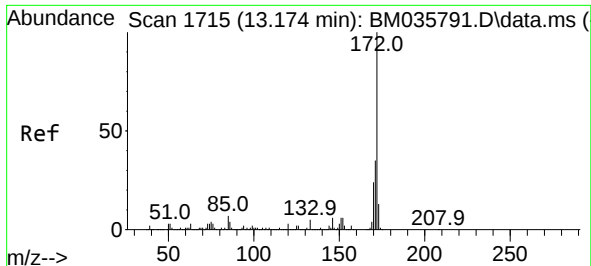


#44
2,4,5-Trichlorophenol
Concen: 56.246 ng
RT: 13.051 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



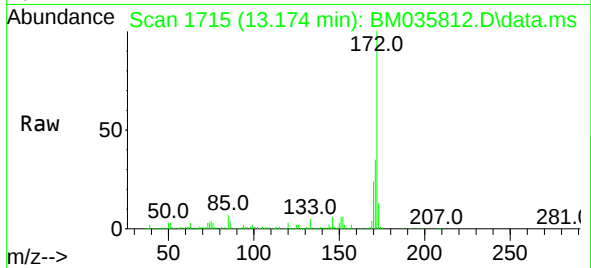
Tgt Ion:196 Resp: 771627
Ion Ratio Lower Upper
196 100
198 95.6 77.8 116.6
97 51.2 43.4 65.2
132 29.1 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 56.379 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

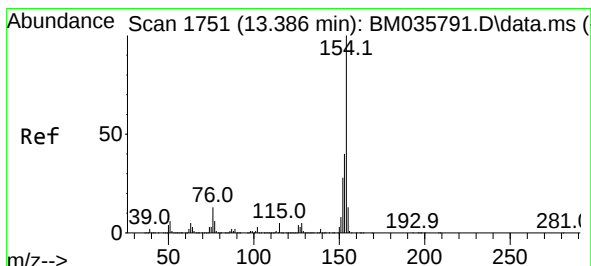
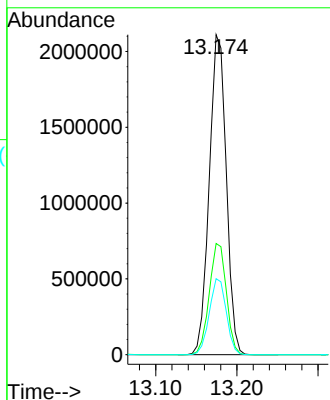
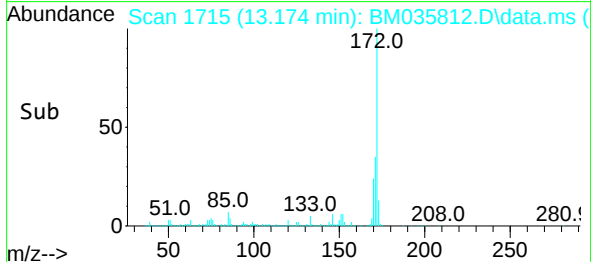
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



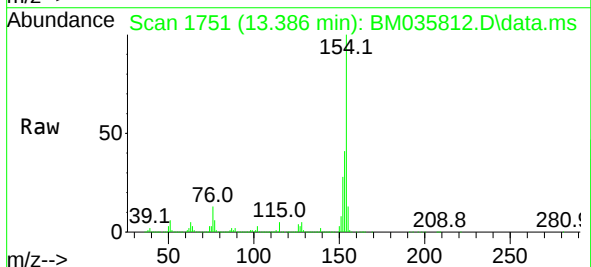
Tgt Ion:172 Resp: 3065279
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.7 18.7 28.1

Manual Integrations
APPROVED

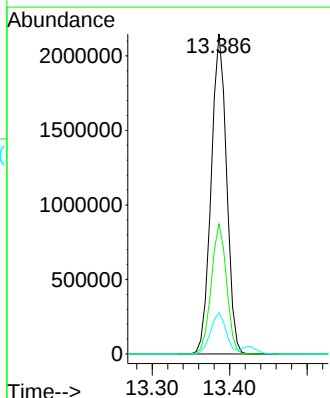
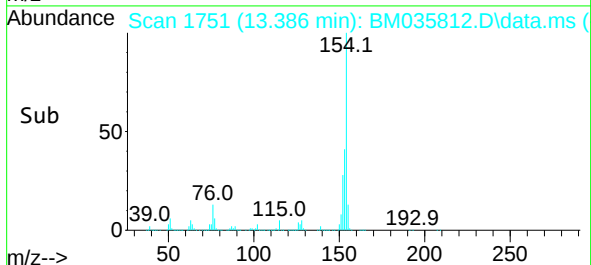
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

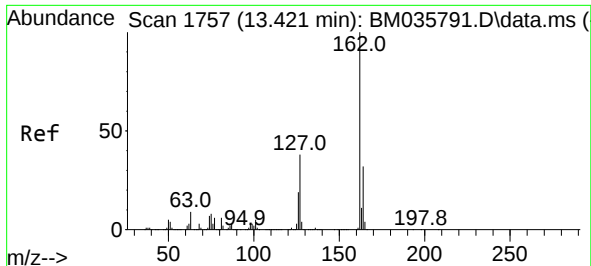


#46
1,1'-Biphenyl
Concen: 51.422 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



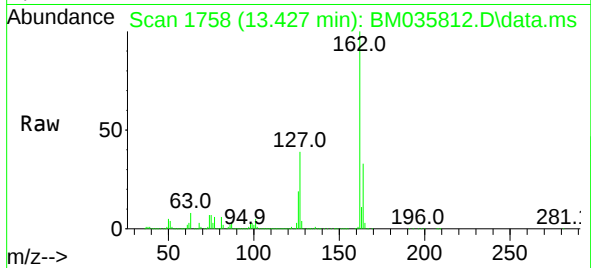
Tgt Ion:154 Resp: 2961338
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 12.9 0.0 31.8





#47
2-Chloronaphthalene
Concen: 51.600 ng
RT: 13.427 min Scan# 1757
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

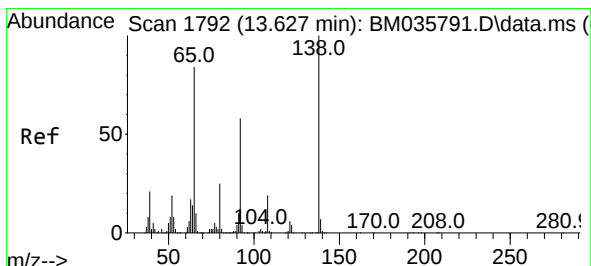
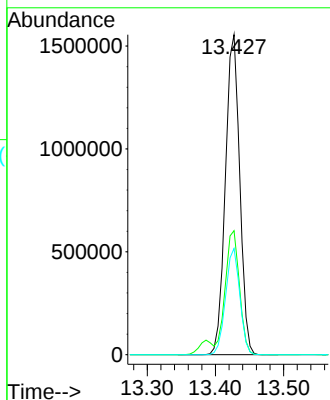
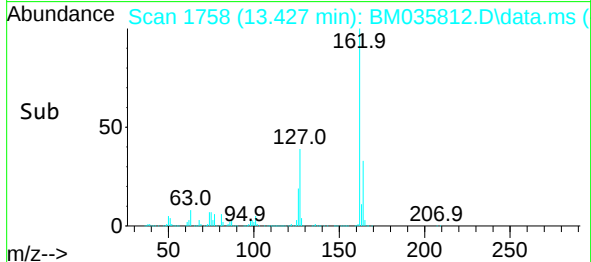
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



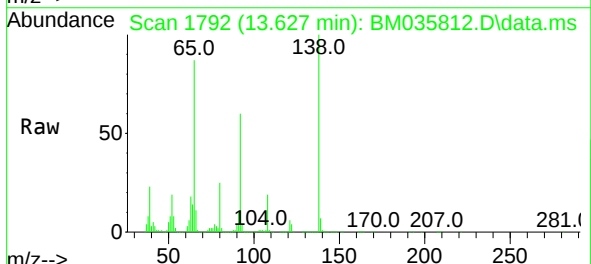
Tgt Ion:162 Resp: 2275050
Ion Ratio Lower Upper
162 100
127 38.8 30.6 45.8
164 33.2 26.6 39.8

Manual Integrations
APPROVED

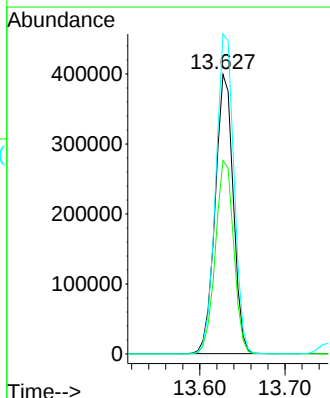
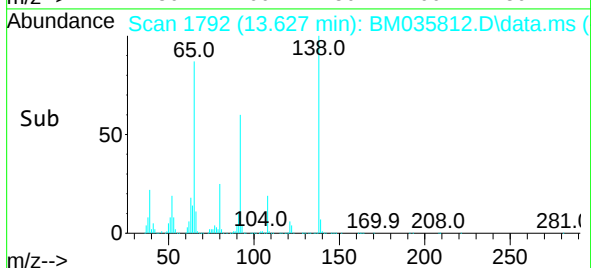
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

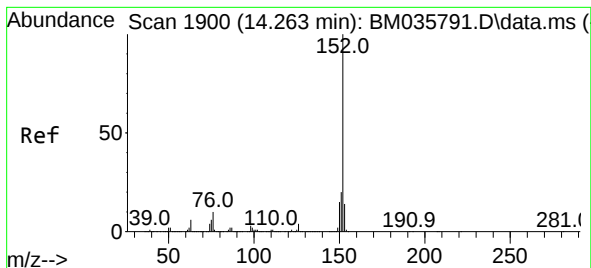


#48
2-Nitroaniline
Concen: 50.716 ng
RT: 13.627 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



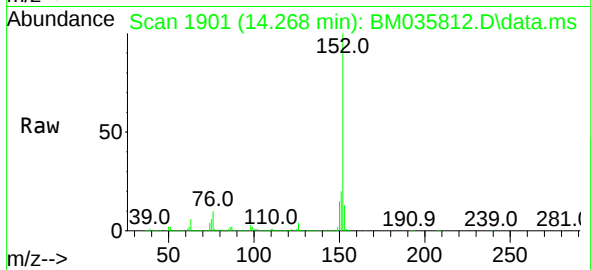
Tgt Ion: 65 Resp: 587939
Ion Ratio Lower Upper
65 100
92 69.2 53.7 80.5
138 114.5 83.9 125.9





#49
Acenaphthylene
Concen: 52.276 ng
RT: 14.268 min Scan# 1901
Delta R.T. 0.005 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

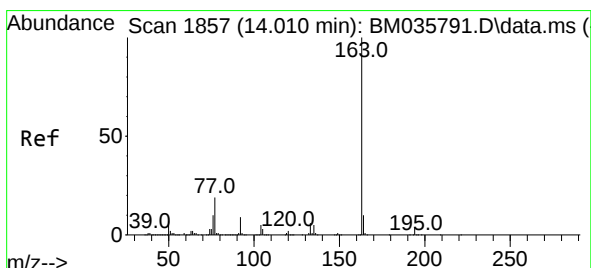
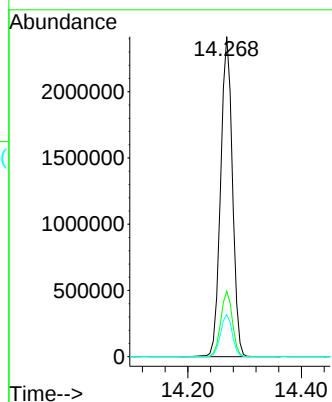
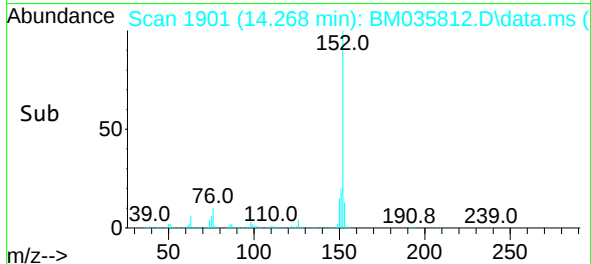
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



Tgt Ion:152 Resp: 348388
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.1 10.5 15.7

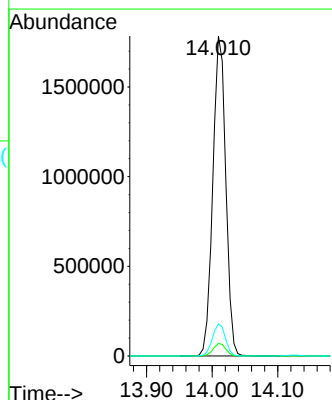
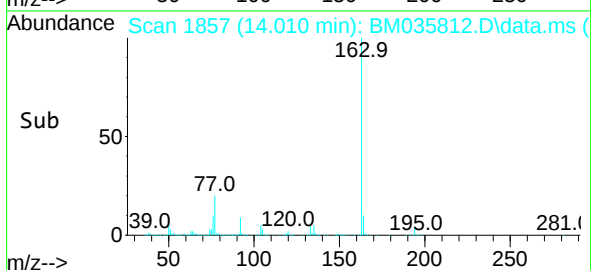
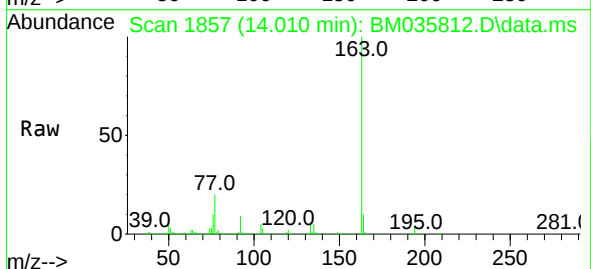
Manual Integrations
APPROVED

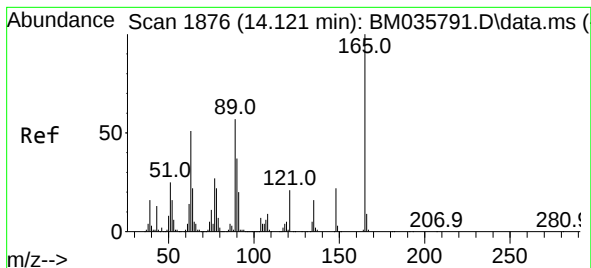
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#50
Dimethylphthalate
Concen: 49.981 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

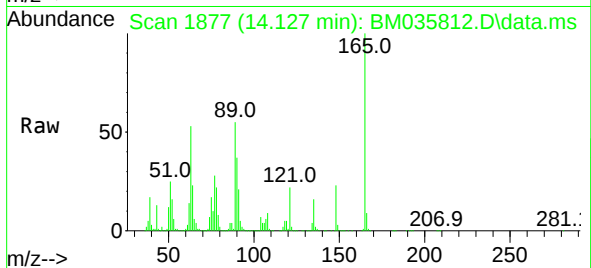
Tgt Ion:163 Resp: 2442576
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.1 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 50.636 ng
RT: 14.127 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

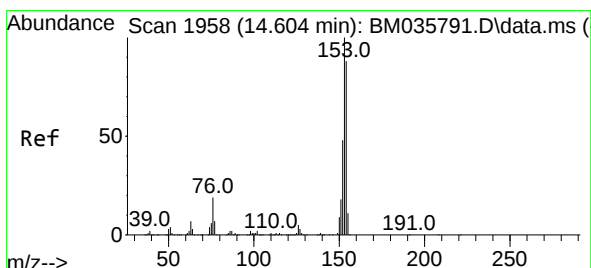
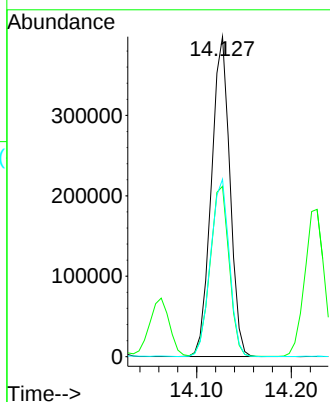
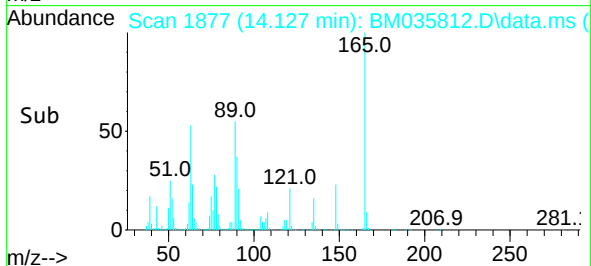
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



Tgt Ion:165 Resp: 540215
Ion Ratio Lower Upper
165 100
63 53.3 50.2 75.2
89 55.4 48.4 72.6

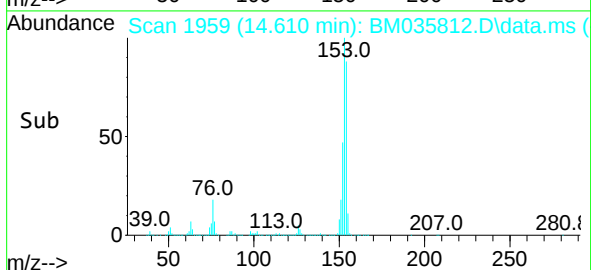
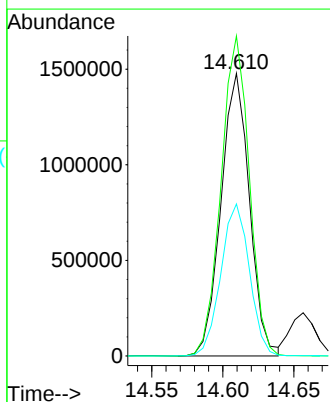
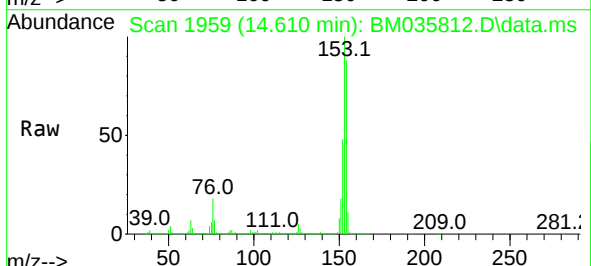
Manual Integrations
APPROVED

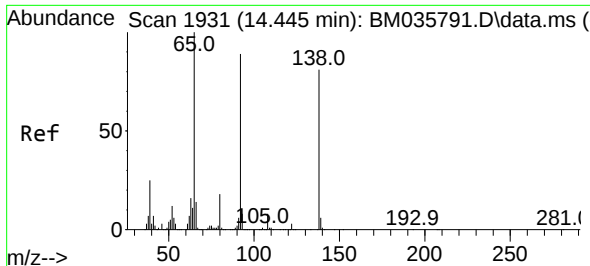
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#52
Acenaphthene
Concen: 50.645 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

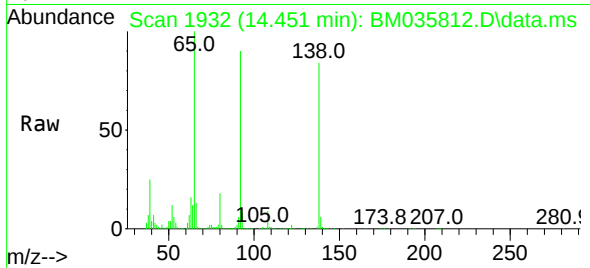
Tgt Ion:154 Resp: 2059979
Ion Ratio Lower Upper
154 100
153 113.3 91.0 136.6
152 53.8 43.4 65.2





#53
3-Nitroaniline
Concen: 28.144 ng
RT: 14.451 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

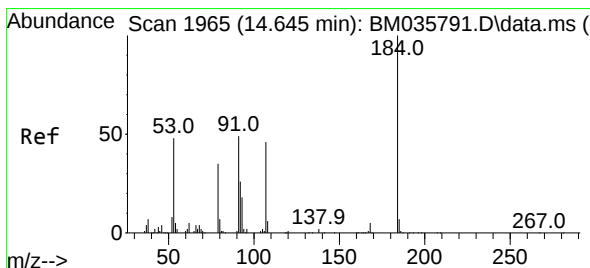
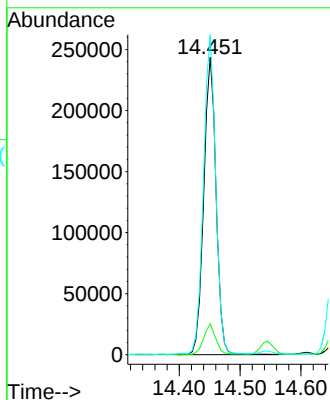
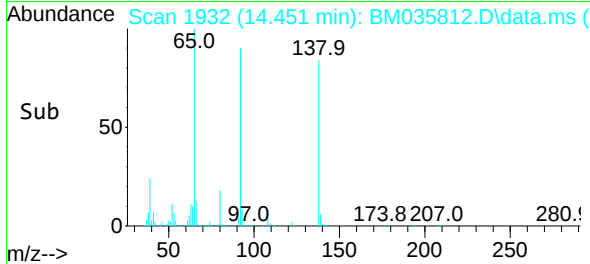
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



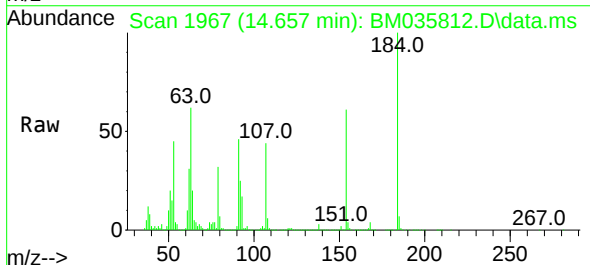
Tgt Ion:138 Resp: 342632
Ion Ratio Lower Upper
138 100
108 10.4 8.7 13.1
92 107.6 91.5 137.3

Manual Integrations
APPROVED

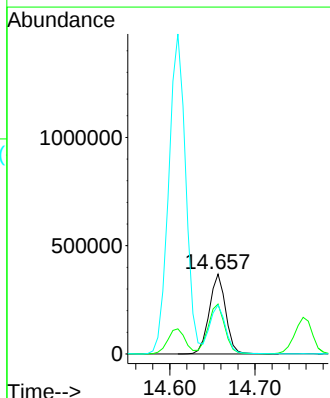
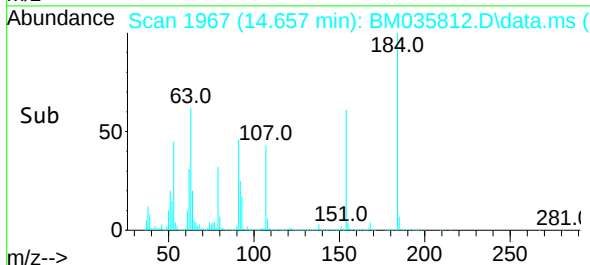
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

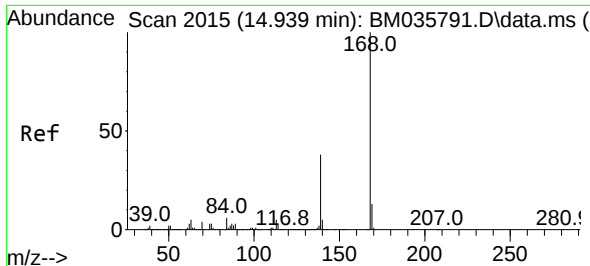


#54
2,4-Dinitrophenol
Concen: 107.360 ng
RT: 14.657 min Scan# 1967
Delta R.T. 0.012 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



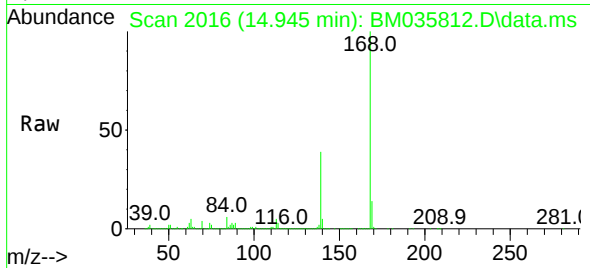
Tgt Ion:184 Resp: 493768
Ion Ratio Lower Upper
184 100
63 62.4 59.5 89.3
154 61.2 55.6 83.4





#55
Dibenzenofuran
Concen: 47.544 ng
RT: 14.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

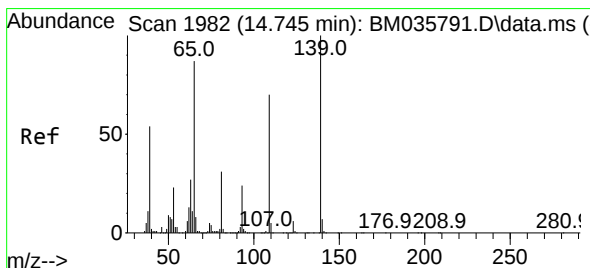
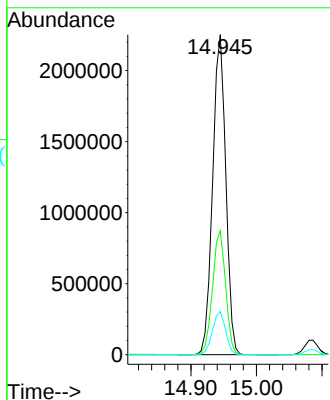
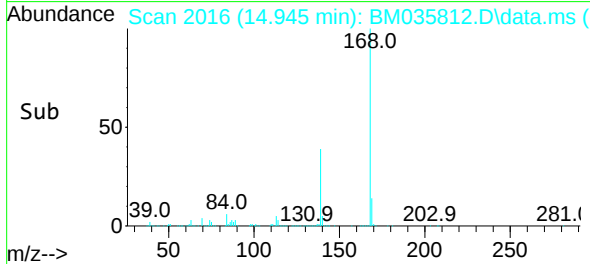
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



Tgt Ion:168 Resp: 3127264
Ion Ratio Lower Upper
168 100
139 38.8 32.2 48.2
169 13.5 10.6 16.0

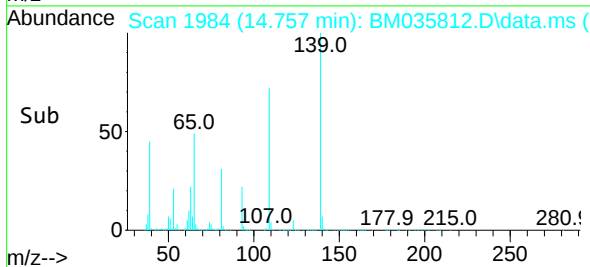
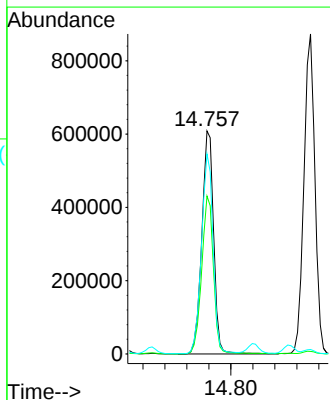
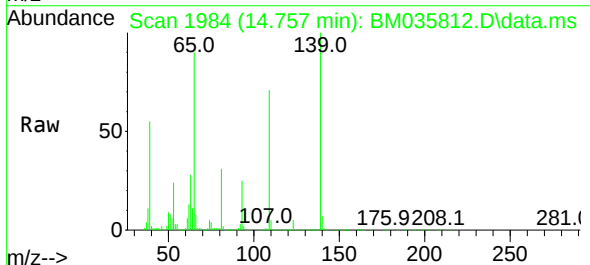
Manual Integrations
APPROVED

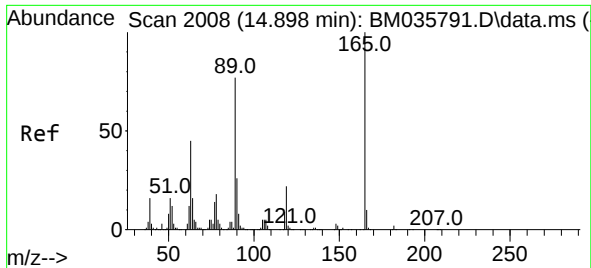
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#56
4-Nitrophenol
Concen: 90.741 ng
RT: 14.757 min Scan# 1984
Delta R.T. 0.012 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

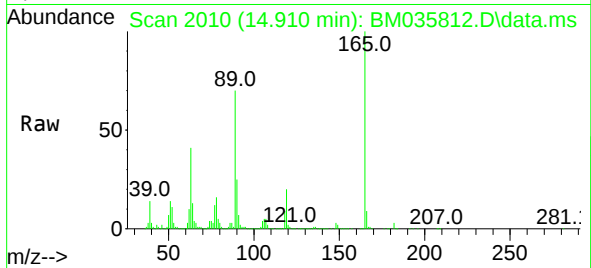
Tgt Ion:139 Resp: 907434
Ion Ratio Lower Upper
139 100
109 70.8 62.5 102.5
65 89.7 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 48.686 ng
RT: 14.910 min Scan# 2008
Delta R.T. 0.012 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

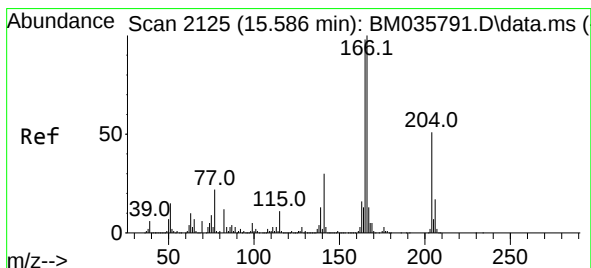
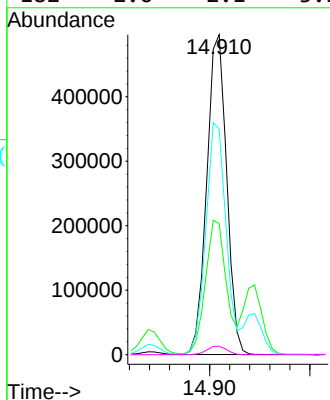
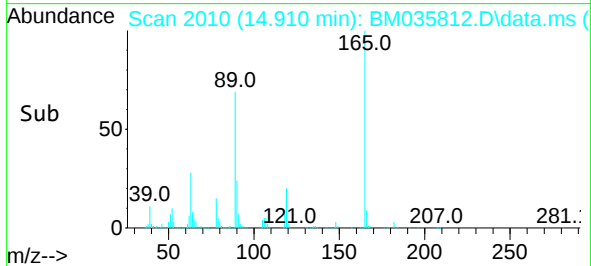
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



Tgt Ion:165 Resp: 68500
Ion Ratio Lower Upper
165 100
63 40.9 35.6 53.4
89 70.5 57.3 85.9
182 2.6 2.1 3.1

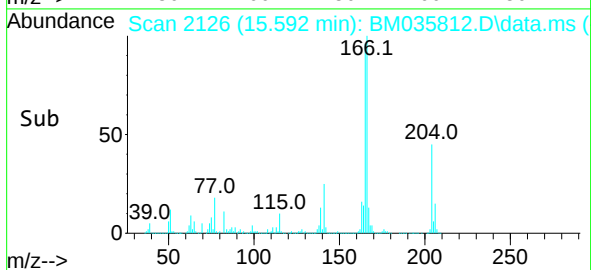
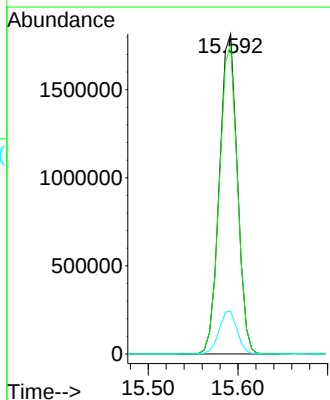
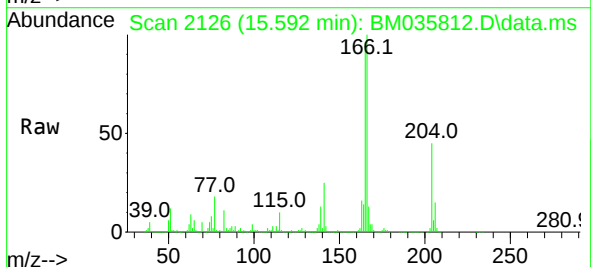
Manual Integrations
APPROVED

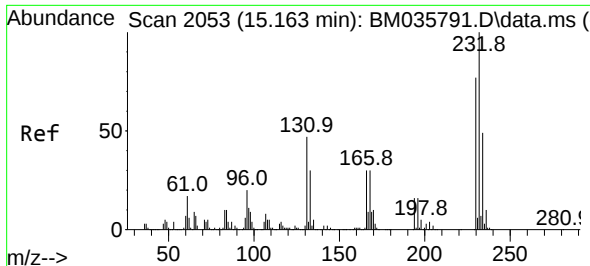
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#58
Fluorene
Concen: 48.153 ng
RT: 15.592 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

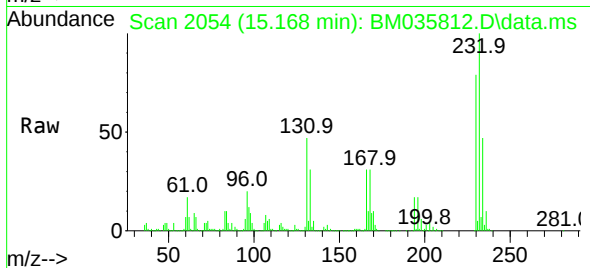
Tgt Ion:166 Resp: 2512967
Ion Ratio Lower Upper
166 100
165 96.2 79.4 119.2
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.227 ng
RT: 15.168 min Scan# 2053
Delta R.T. 0.005 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

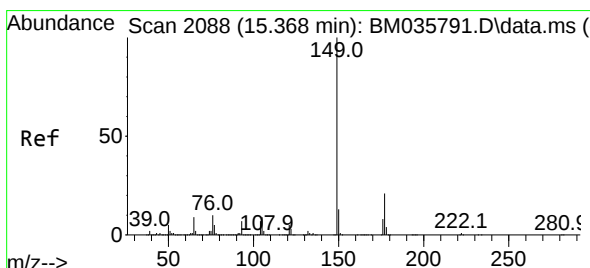
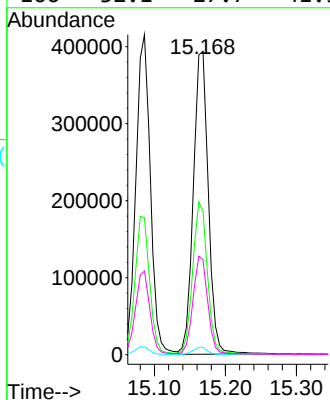
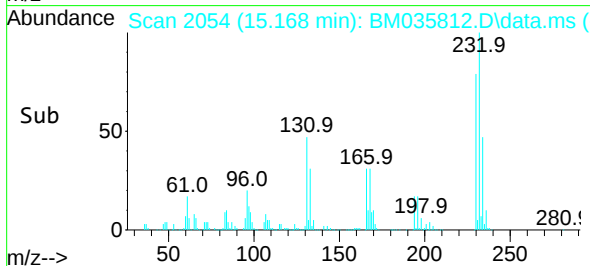
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



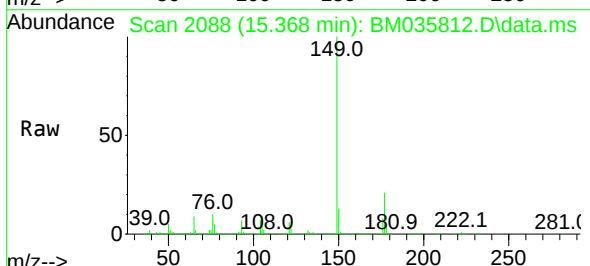
Tgt Ion:232 Resp: 57938
Ion Ratio Lower Upper
232 100
131 49.8 41.0 61.6
130 2.5 2.3 3.5
166 32.1 27.7 41.5

Manual Integrations
APPROVED

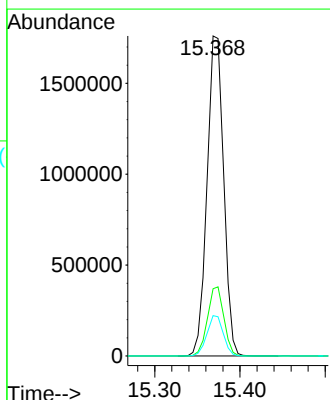
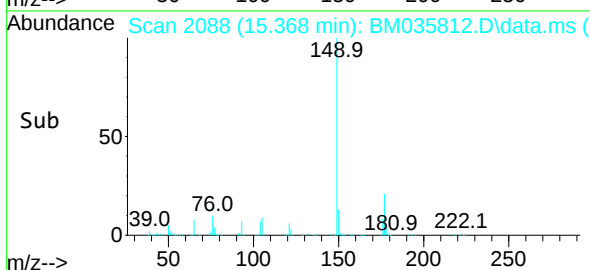
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

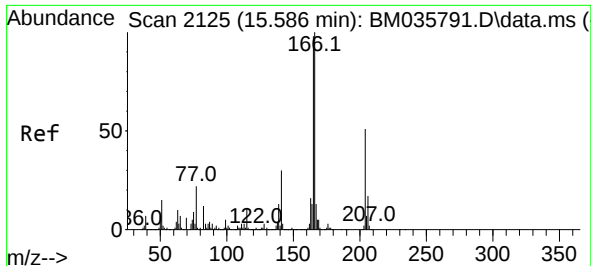


#60
Diethylphthalate
Concen: 49.573 ng
RT: 15.368 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



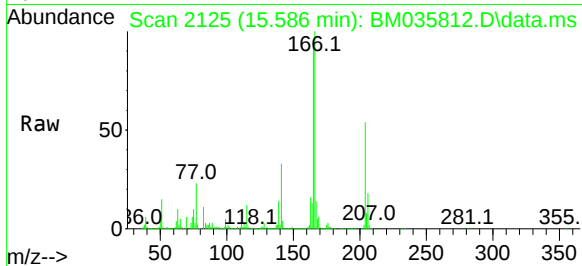
Tgt Ion:149 Resp: 2383507
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.186 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

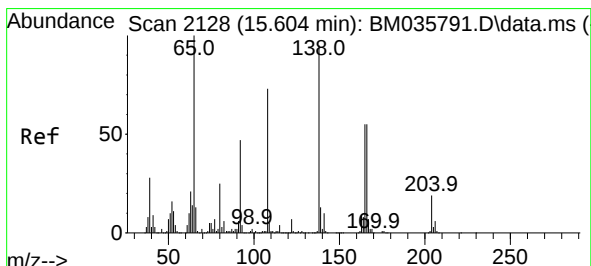
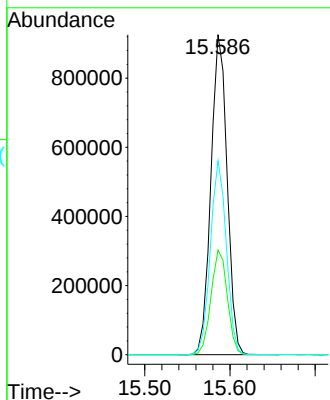
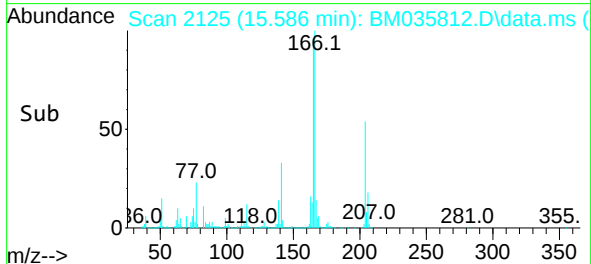
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



Tgt Ion:204 Resp: 1222574
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 60.6 51.2 76.8

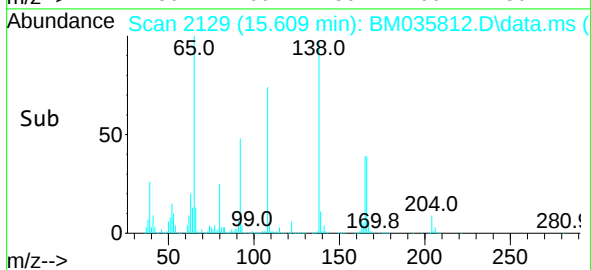
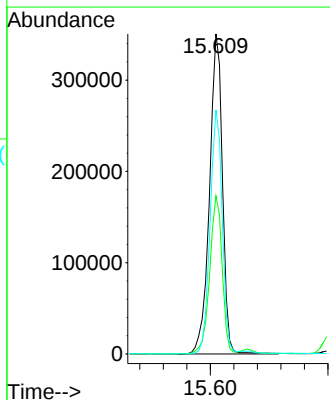
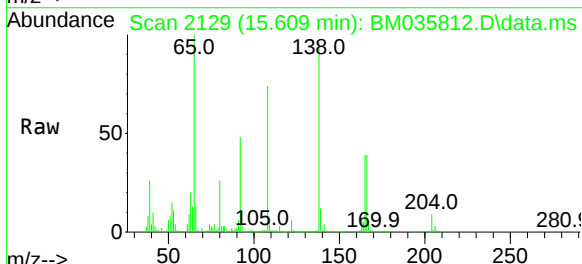
Manual Integrations
APPROVED

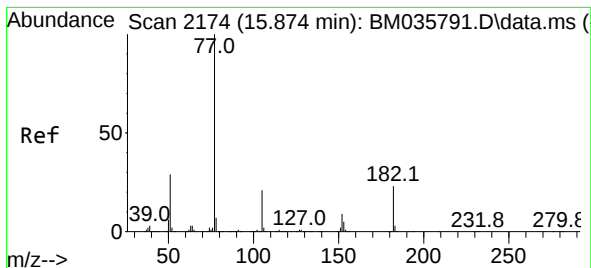
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#62
4-Nitroaniline
Concen: 40.857 ng
RT: 15.609 min Scan# 2129
Delta R.T. 0.005 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

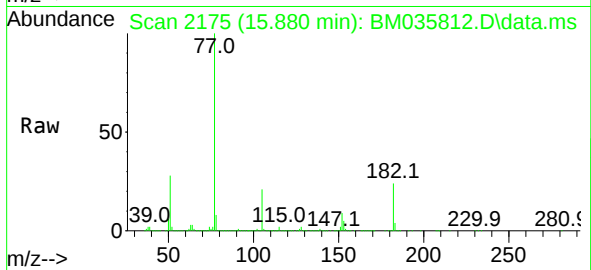
Tgt Ion:138 Resp: 535950
Ion Ratio Lower Upper
138 100
92 49.4 30.8 70.8
108 76.3 65.7 105.7





#63
Azobenzene
Concen: 47.816 ng
RT: 15.880 min Scan# 2174
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

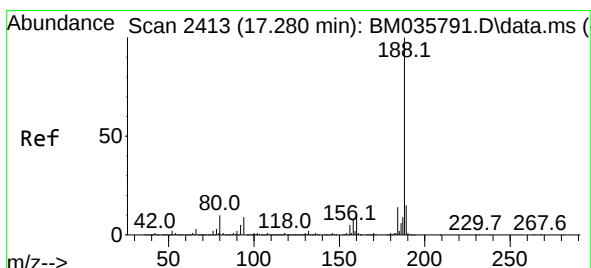
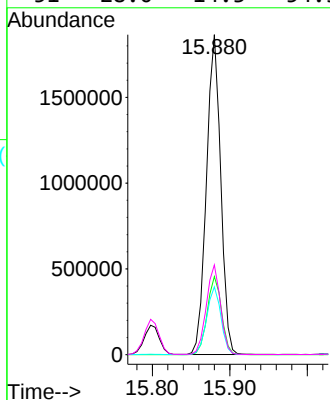
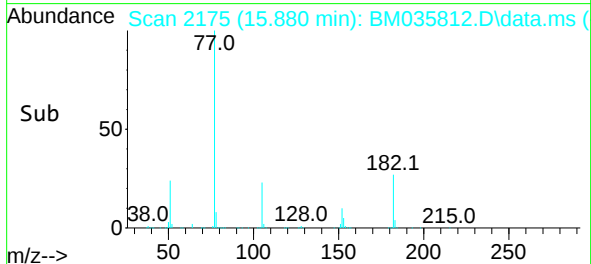
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



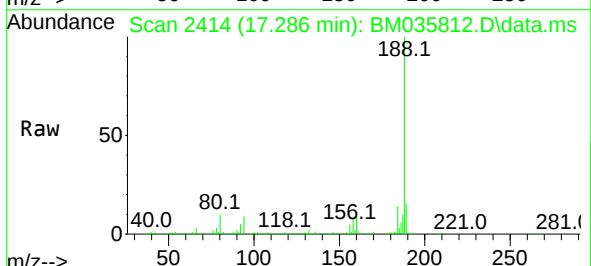
Tgt Ion: 77 Resp: 238257
Ion Ratio Lower Upper
77 100
182 24.4 4.9 44.9
105 21.2 0.0 39.6
51 28.0 14.3 54.3

Manual Integrations
APPROVED

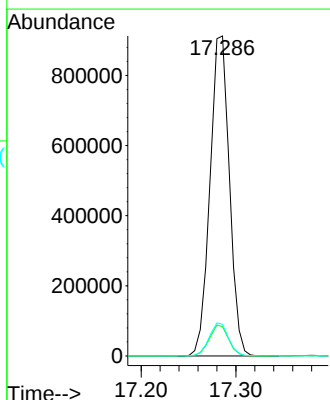
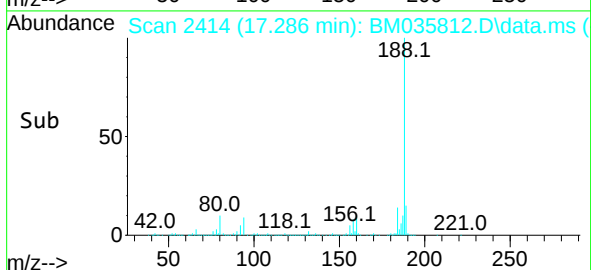
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

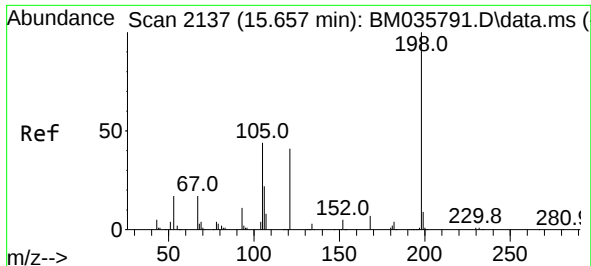


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2414
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



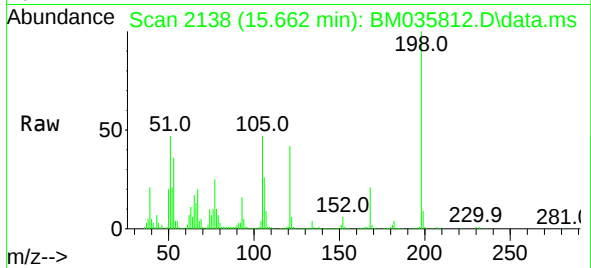
Tgt Ion:188 Resp: 1299773
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 9.9 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 52.131 ng
RT: 15.662 min Scan# 2138
Delta R.T. 0.005 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

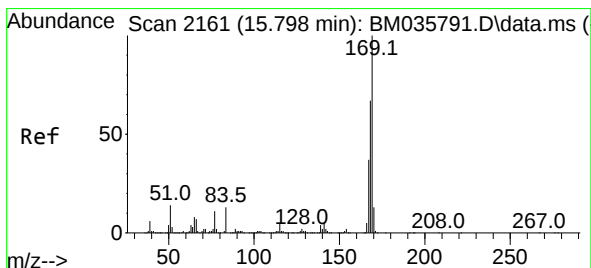
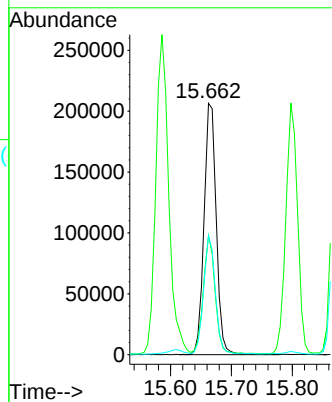
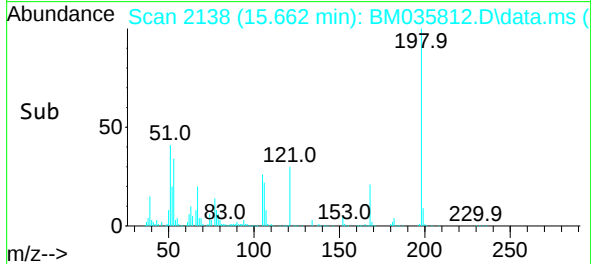
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



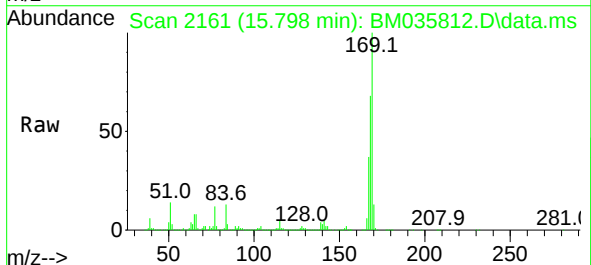
Tgt Ion:198 Resp: 288824
Ion Ratio Lower Upper
198 100
51 47.4 29.0 69.0
105 47.4 22.1 62.1

Manual Integrations
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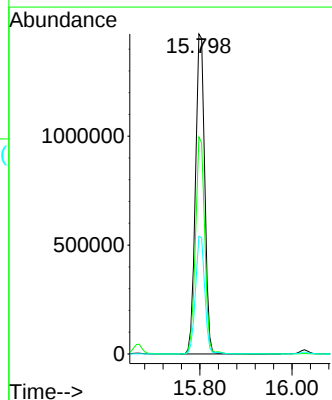
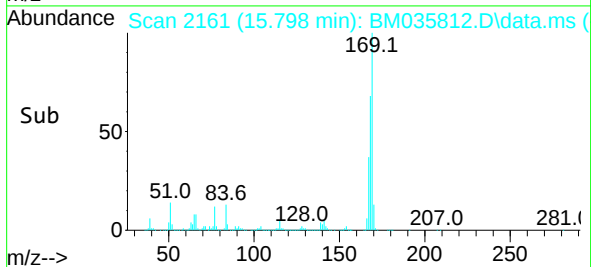
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

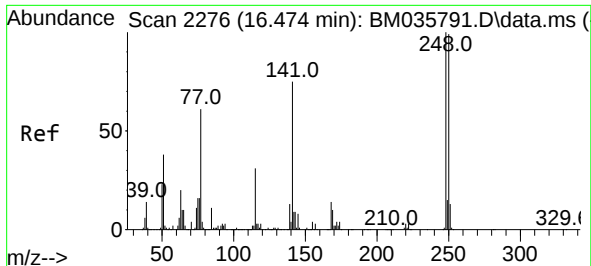


#66
n-Nitrosodiphenylamine
Concen: 54.829 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



Tgt Ion:169 Resp: 2037841
Ion Ratio Lower Upper
169 100
168 67.8 54.3 81.5
167 36.8 29.4 44.0





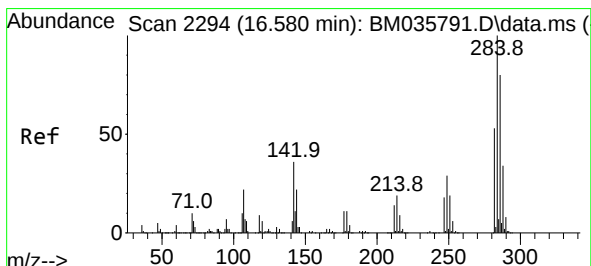
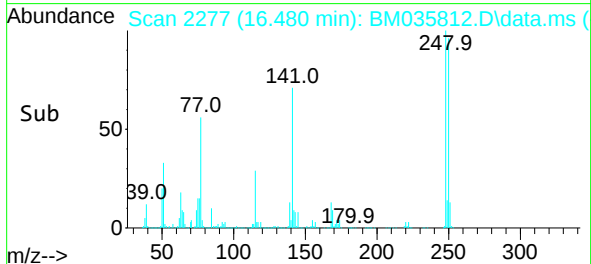
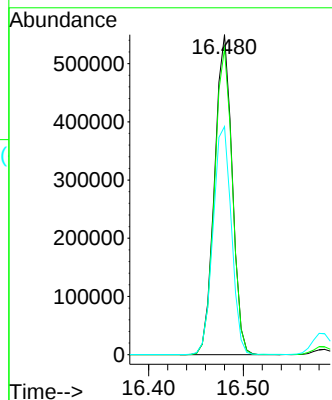
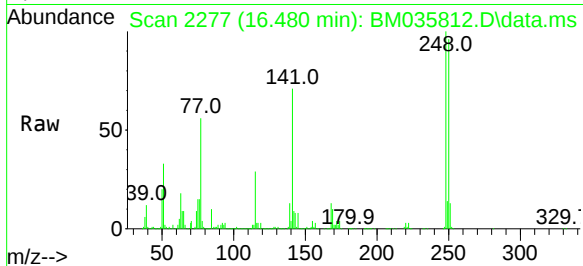
#67
4-Bromophenyl-phenylether
Concen: 55.313 ng
RT: 16.480 min Scan# 211
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD

Tgt Ion:248 Resp: 71200
Ion Ratio Lower Upper
248 100
250 95.7 78.0 117.0
141 71.3 66.0 99.0

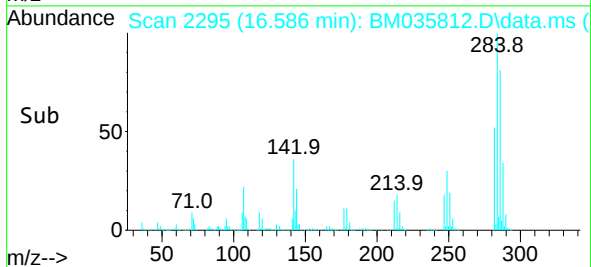
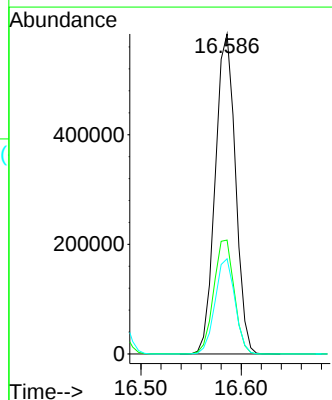
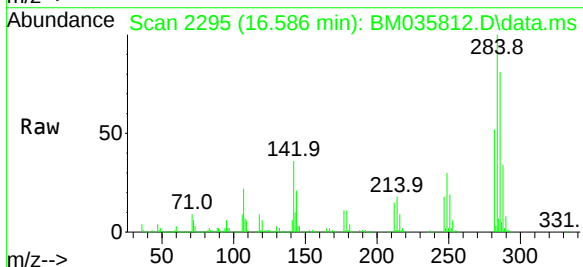
Manual Integrations
APPROVED

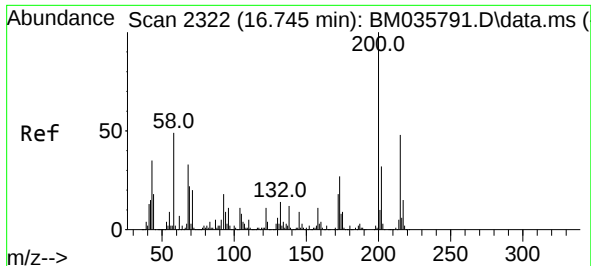
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#68
Hexachlorobenzene
Concen: 53.670 ng
RT: 16.586 min Scan# 2295
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

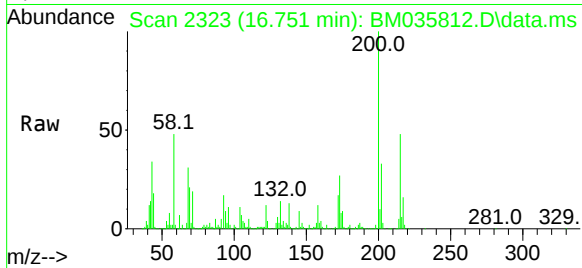
Tgt Ion:284 Resp: 815956
Ion Ratio Lower Upper
284 100
142 35.6 33.6 50.4
249 29.8 26.2 39.2





#69
 Atrazine
 Concen: 64.865 ng
 RT: 16.751 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM035812.D
 Acq: 14 Jul 2022 15:01

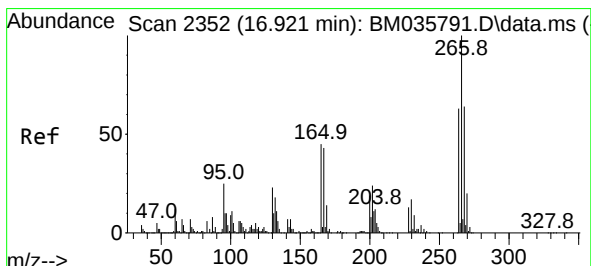
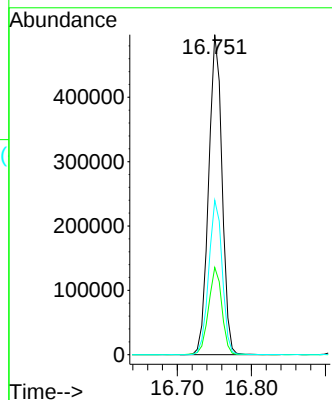
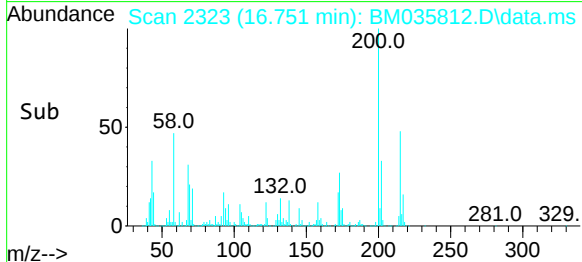
Instrument :
 BNA_M
 ClientSampleId :
 SED-1-(6-12)MSD



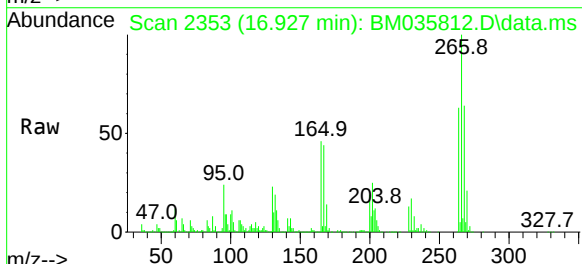
Tgt Ion:200 Resp: 622924
 Ion Ratio Lower Upper
 200 100
 173 27.3 6.6 46.6
 215 48.3 26.2 66.2

Manual Integrations
 APPROVED

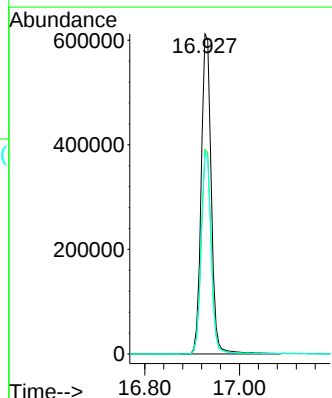
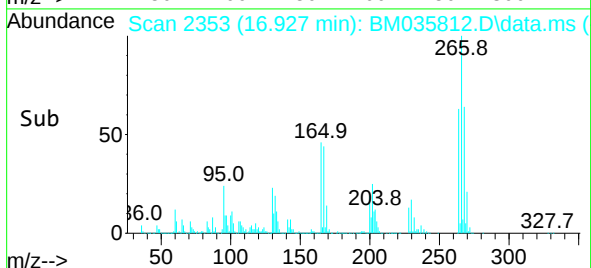
Reviewed By :Christian Giraldo 07/15/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

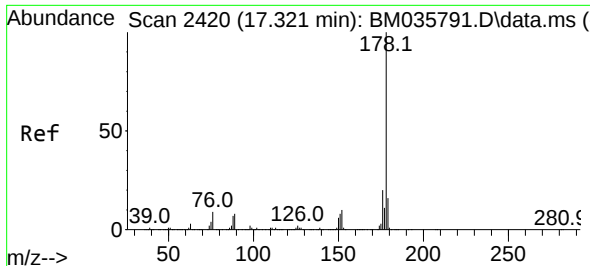


#70
 Pentachlorophenol
 Concen: 114.247 ng
 RT: 16.927 min Scan# 2353
 Delta R.T. 0.006 min
 Lab File: BM035812.D
 Acq: 14 Jul 2022 15:01



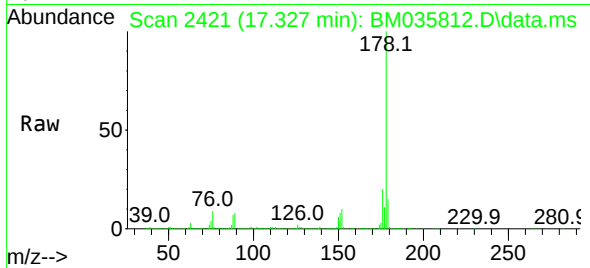
Tgt Ion:266 Resp: 897328
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.9 77.9
 264 63.0 50.6 76.0





#71
Phenanthrene
Concen: 49.325 ng
RT: 17.327 min Scan# 2420
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

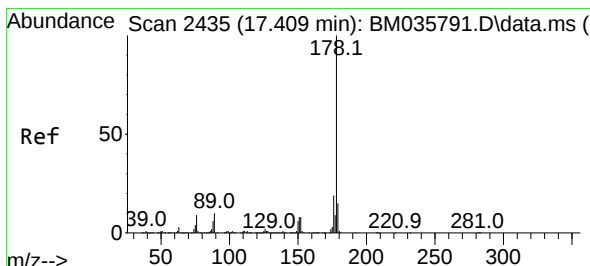
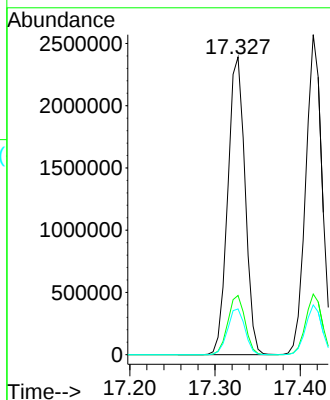
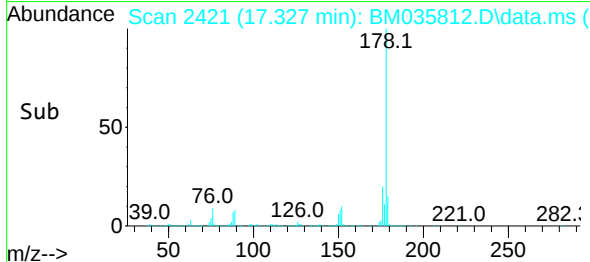
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



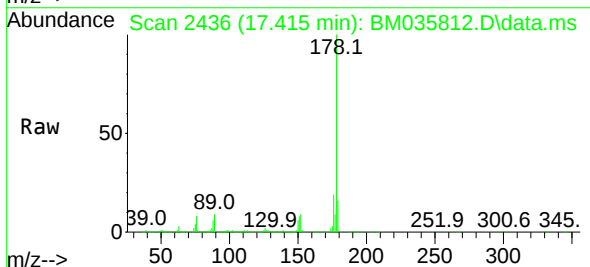
Tgt Ion:178 Resp: 336796
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 15.4 12.4 18.6

Manual Integrations
APPROVED

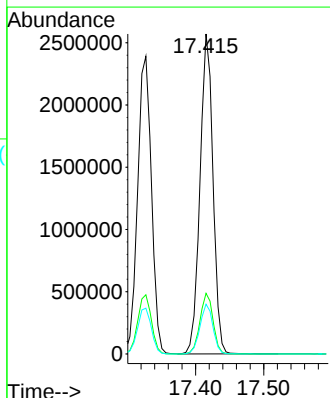
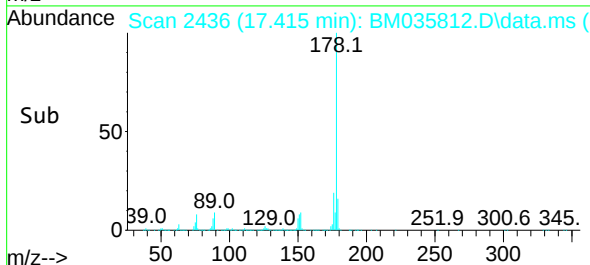
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

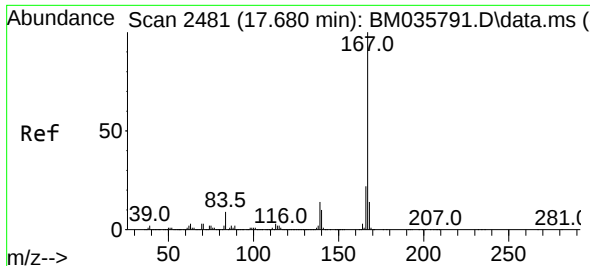


#72
Anthracene
Concen: 51.819 ng
RT: 17.415 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



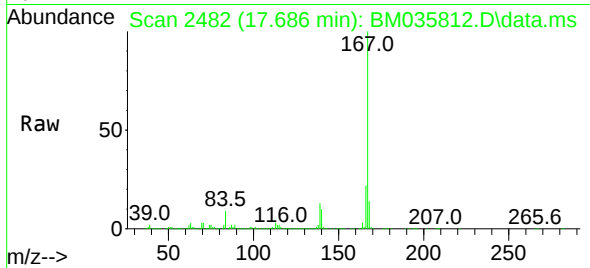
Tgt Ion:178 Resp: 3403848
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.6 12.2 18.2





#73
Carbazole
Concen: 45.175 ng
RT: 17.686 min Scan# 2481
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

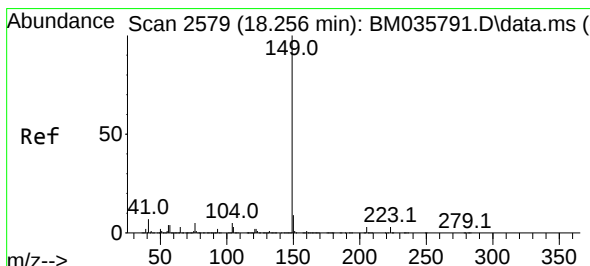
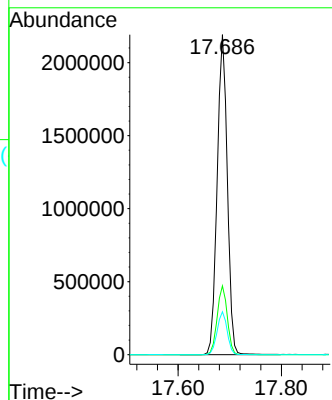
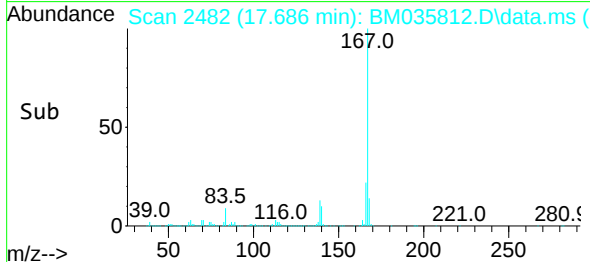
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



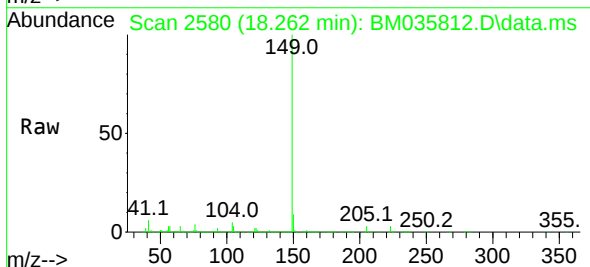
Tgt Ion:167 Resp: 298538
Ion Ratio Lower Upper
167 100
166 21.5 17.8 26.8
139 13.4 10.9 16.3

Manual Integrations
APPROVED

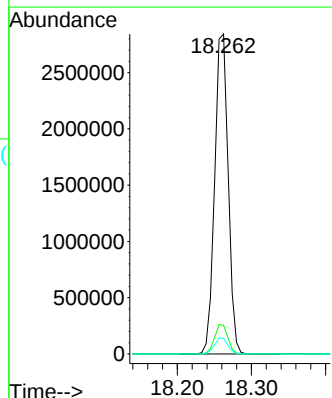
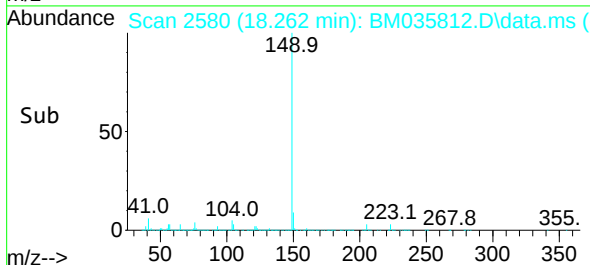
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

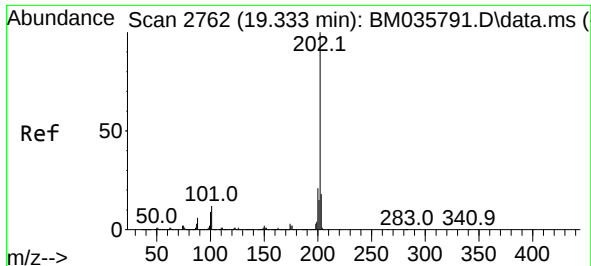


#74
Di-n-butylphthalate
Concen: 50.810 ng
RT: 18.262 min Scan# 2580
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



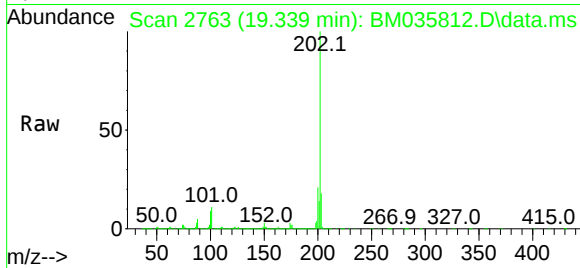
Tgt Ion:149 Resp: 3592660
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.9 4.3 6.5





#75
Fluoranthene
Concen: 44.719 ng
RT: 19.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

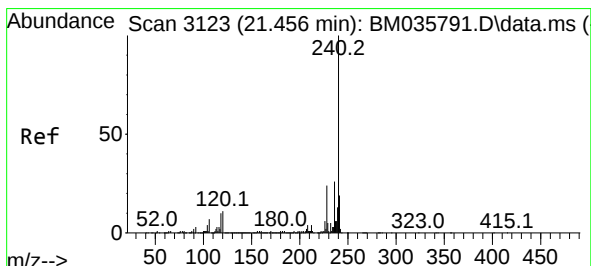
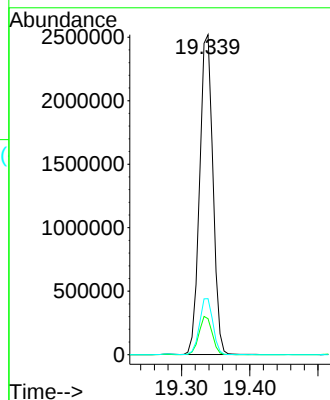
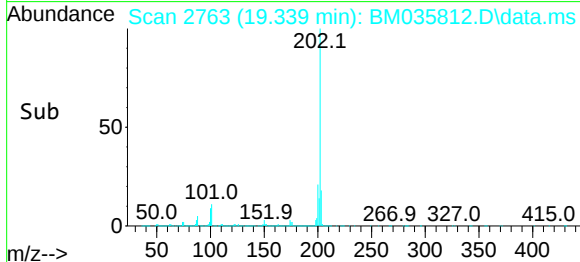
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



Tgt Ion:202 Resp: 3414854
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.6
203 17.5 0.0 37.4

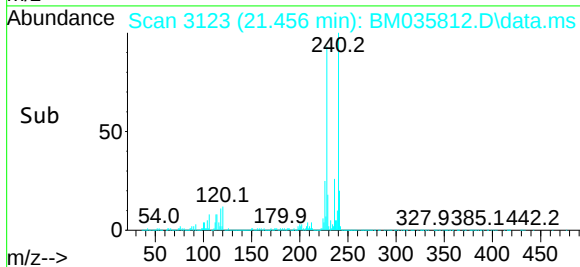
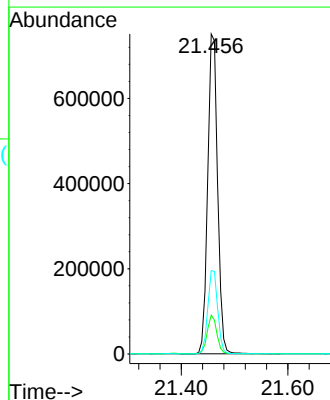
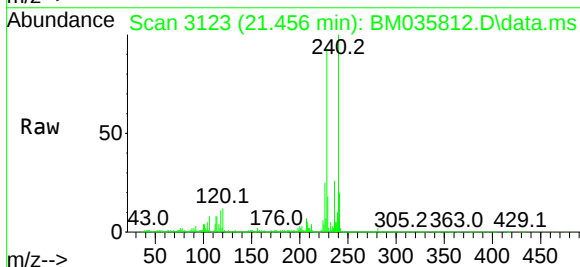
Manual Integrations
APPROVED

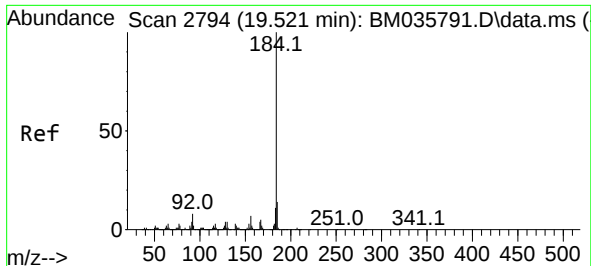
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

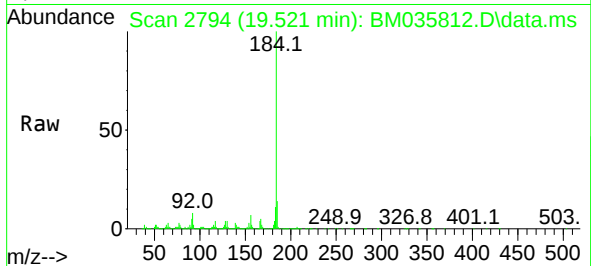
Tgt Ion:240 Resp: 963686
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.0
236 26.0 20.6 30.8





#77
Benzidine
Concen: 102.308 ng
RT: 19.521 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

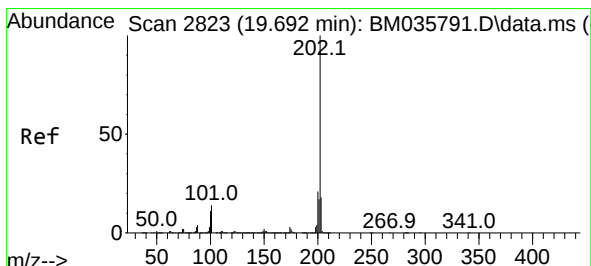
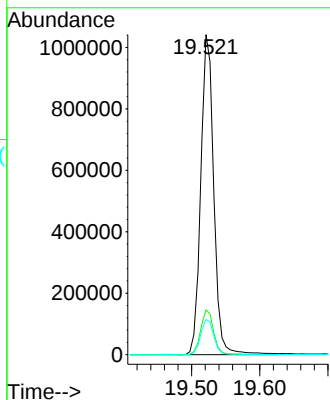
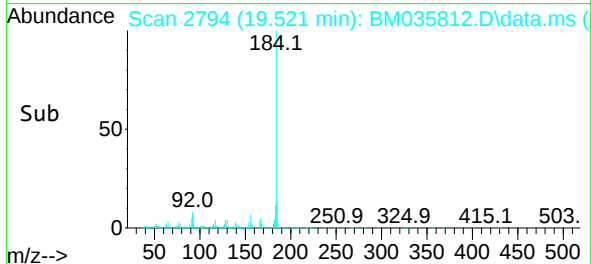
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



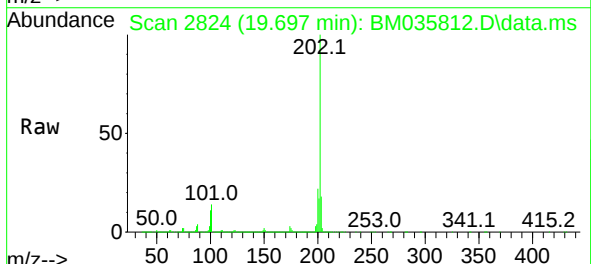
Tgt Ion:184 Resp: 1380288
Ion Ratio Lower Upper
184 100
185 14.0 11.3 16.9
183 11.0 9.5 14.3

Manual Integrations
APPROVED

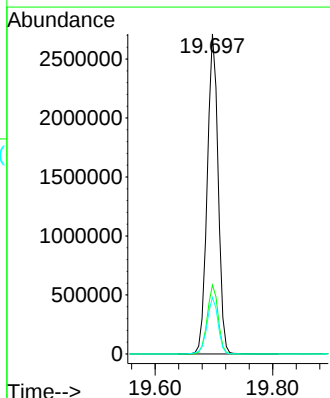
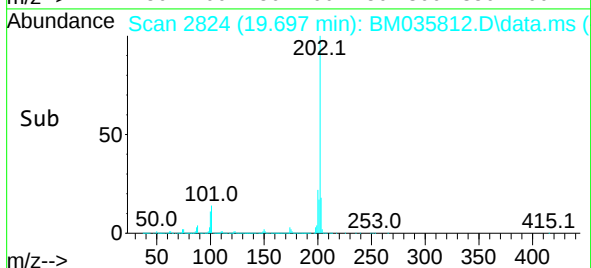
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

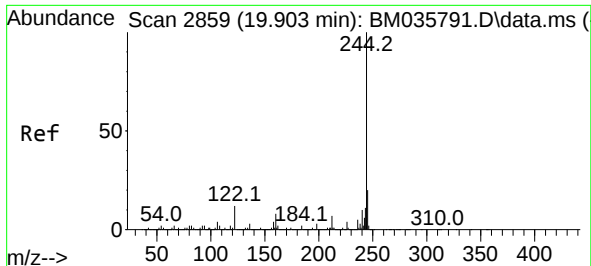


#78
Pyrene
Concen: 57.411 ng
RT: 19.697 min Scan# 2824
Delta R.T. 0.005 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



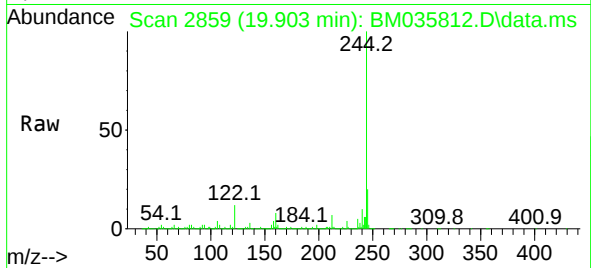
Tgt Ion:202 Resp: 3474466
Ion Ratio Lower Upper
202 100
200 21.6 16.7 25.1
203 17.7 13.9 20.9





#79
 Terphenyl-d14
 Concen: 58.968 ng
 RT: 19.903 min Scan# 2859
 Delta R.T. 0.000 min
 Lab File: BM035812.D
 Acq: 14 Jul 2022 15:01

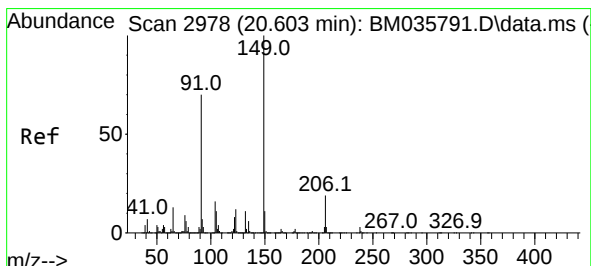
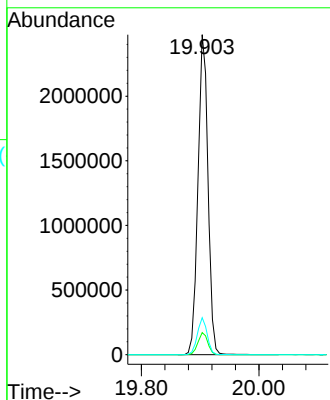
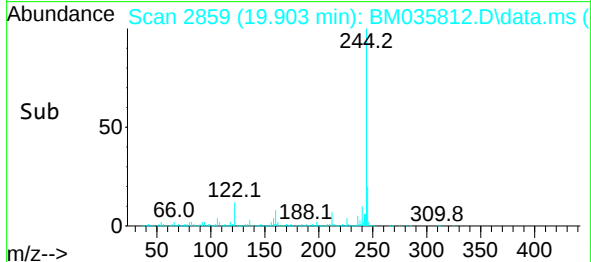
Instrument :
 BNA_M
 ClientSampleId :
 SED-1-(6-12)MSD



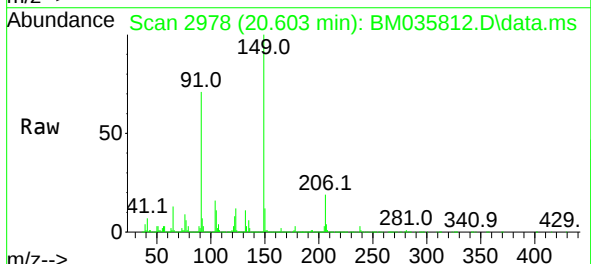
Tgt Ion:244 Resp: 2927390
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 11.5 8.3 12.5

Manual Integrations
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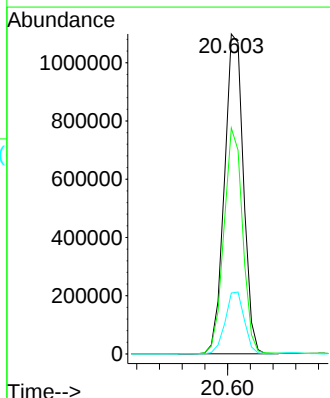
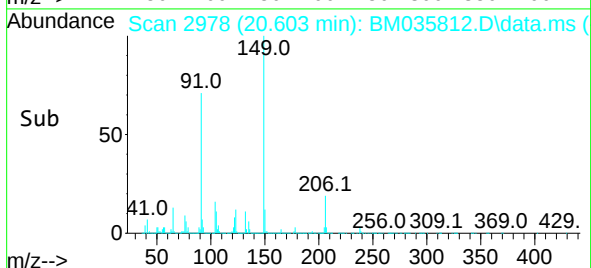
Reviewed By :Christian Giraldo 07/15/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

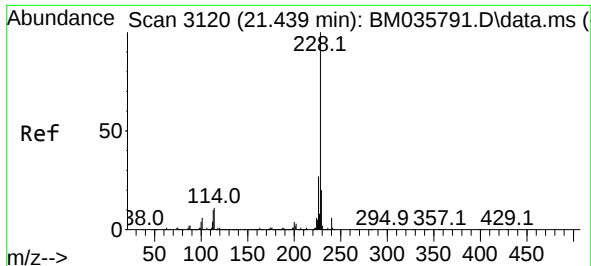


#80
 Butylbenzylphthalate
 Concen: 58.605 ng
 RT: 20.603 min Scan# 2978
 Delta R.T. 0.000 min
 Lab File: BM035812.D
 Acq: 14 Jul 2022 15:01



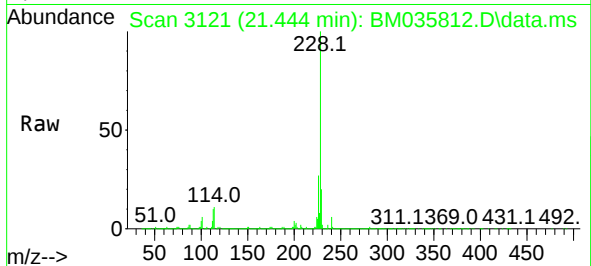
Tgt Ion:149 Resp: 1276175
 Ion Ratio Lower Upper
 149 100
 91 70.6 56.6 85.0
 206 19.1 15.4 23.0





#81
Benzo(a)anthracene
Concen: 50.284 ng
RT: 21.444 min Scan# 3110
Delta R.T. 0.005 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

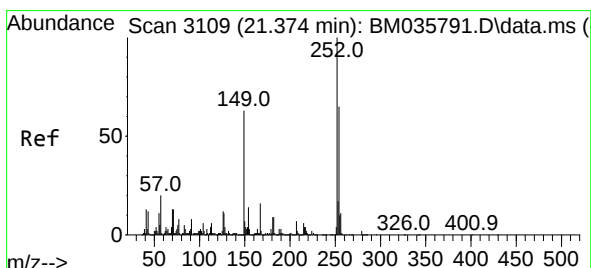
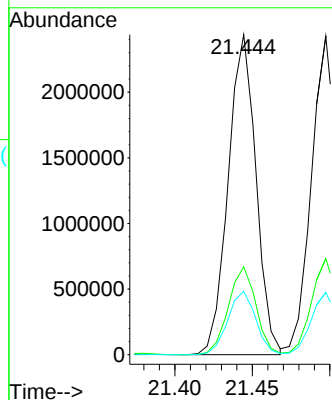
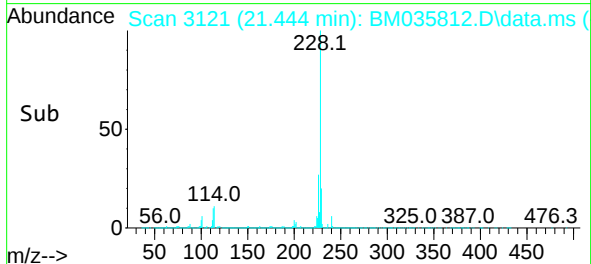
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



Tgt Ion:228 Resp: 303989
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.8 15.8 23.6

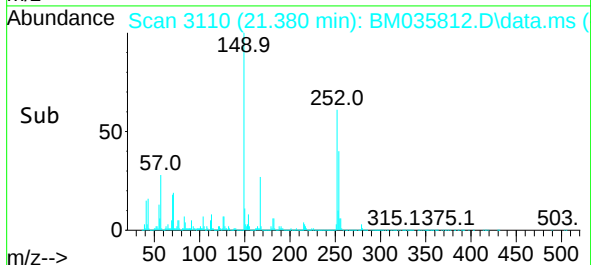
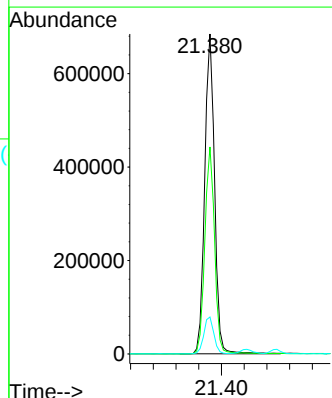
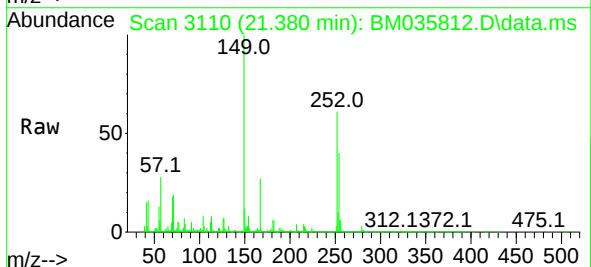
Manual Integrations
APPROVED

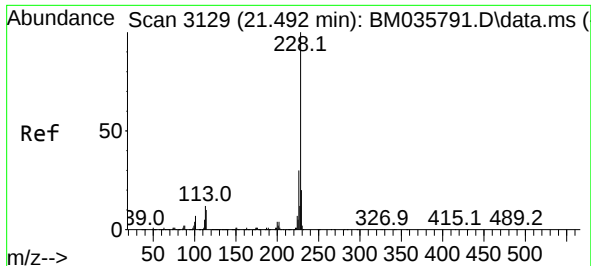
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#82
3,3'-Dichlorobenzidine
Concen: 67.101 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

Tgt Ion:252 Resp: 822389
Ion Ratio Lower Upper
252 100
254 64.7 51.7 77.5
126 11.6 9.4 14.0





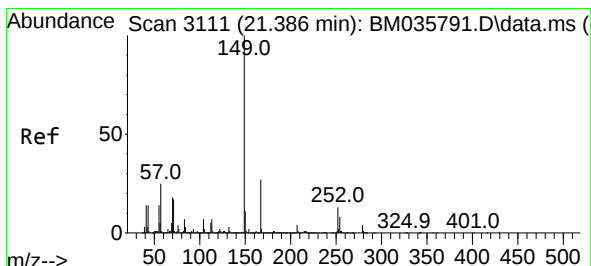
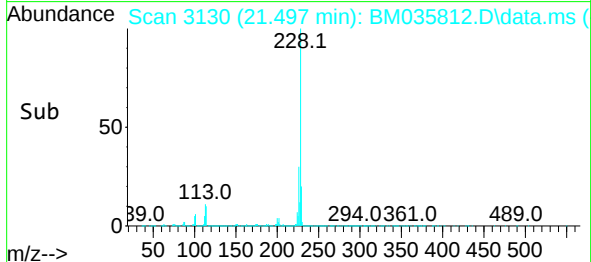
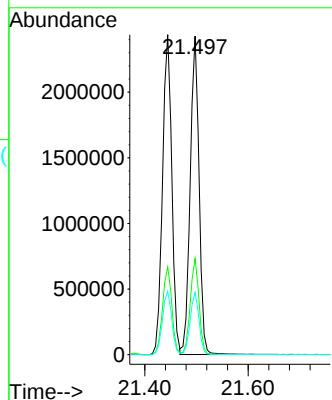
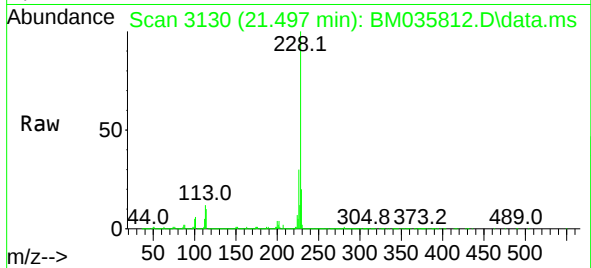
#83
Chrysene
Concen: 49.659 ng
RT: 21.497 min Scan# 3129
Delta R.T. 0.005 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD

Tgt Ion:228 Resp: 289838
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.6 15.8 23.8

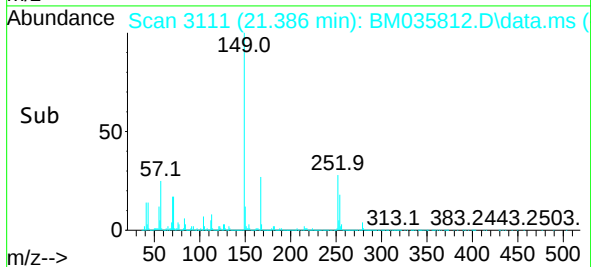
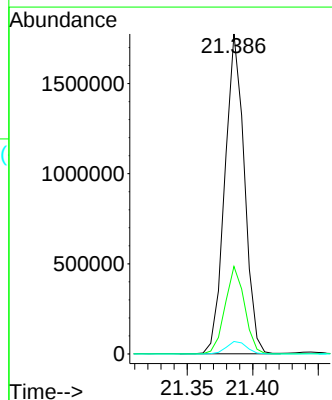
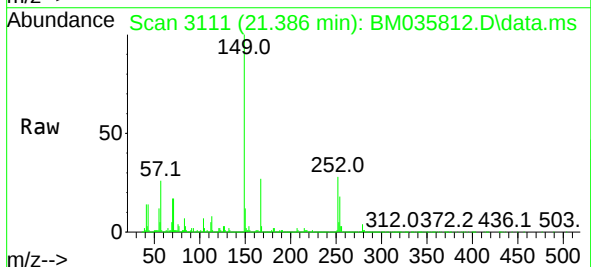
Manual Integrations
APPROVED

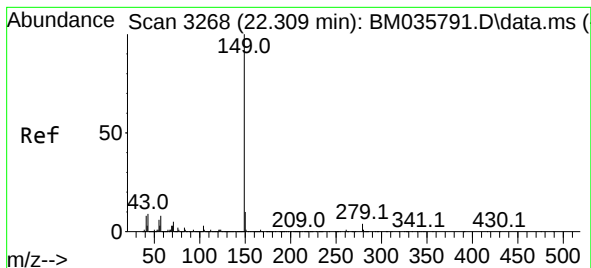
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.224 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

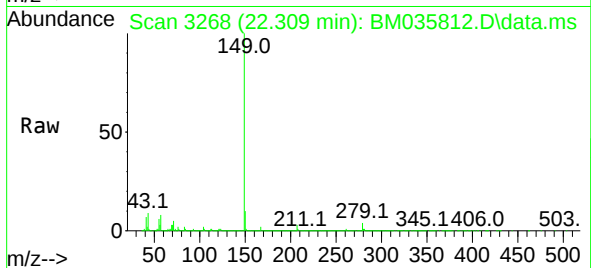
Tgt Ion:149 Resp: 1833795
Ion Ratio Lower Upper
149 100
167 27.3 21.1 31.7
279 3.9 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 60.216 ng
RT: 22.309 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

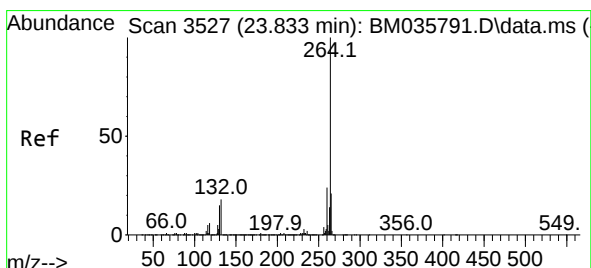
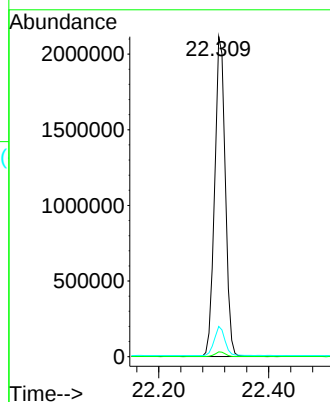
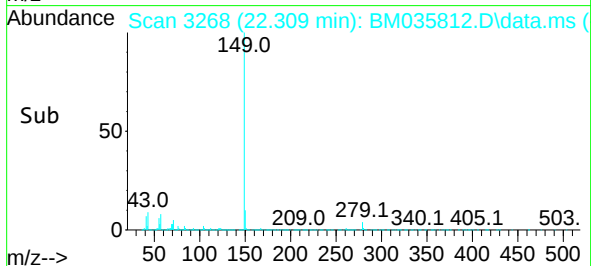
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



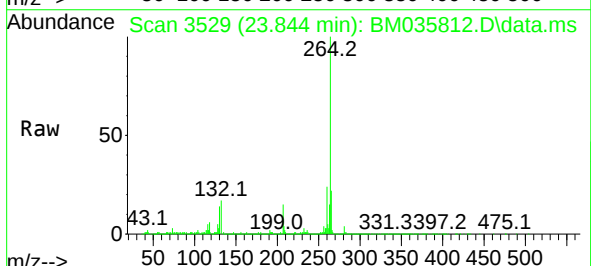
Tgt Ion:149 Resp: 283996
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.1 8.6 12.8

Manual Integrations
APPROVED

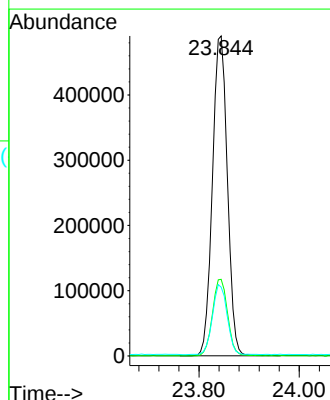
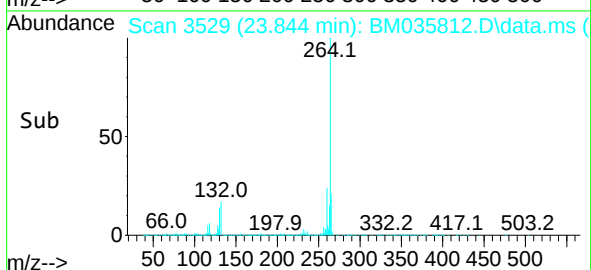
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

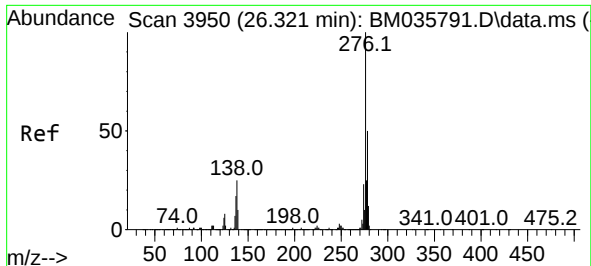


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.844 min Scan# 3529
Delta R.T. 0.011 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



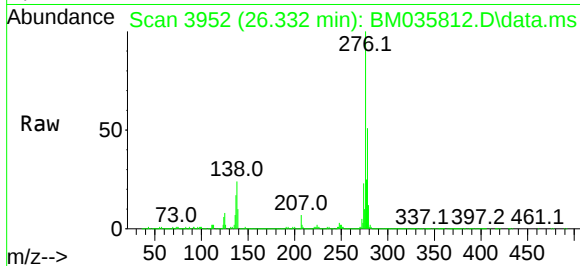
Tgt Ion:264 Resp: 1012601
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 21.5 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.860 ng
RT: 26.332 min Scan# 3952
Delta R.T. 0.011 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

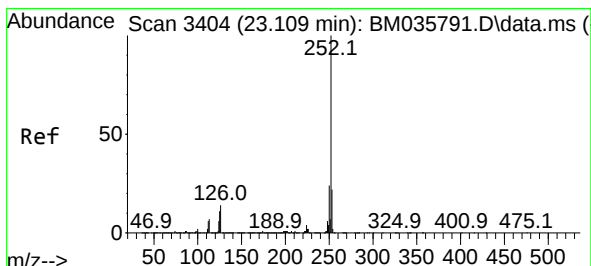
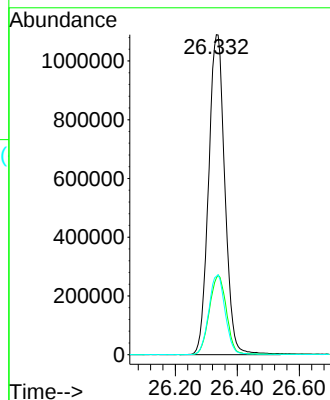
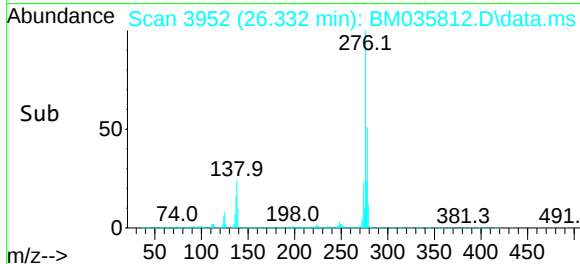
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



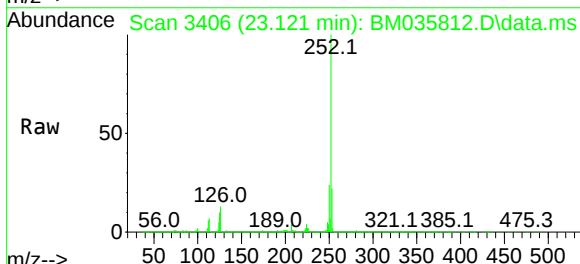
Tgt Ion:276 Resp: 397157
Ion Ratio Lower Upper
276 100
138 25.9 20.2 30.4
277 25.2 20.2 30.2

Manual Integrations
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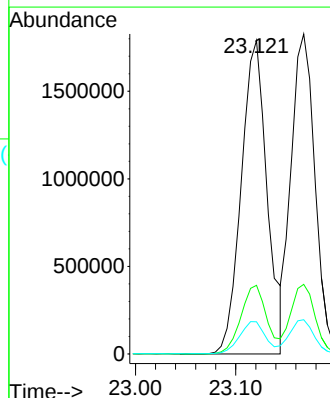
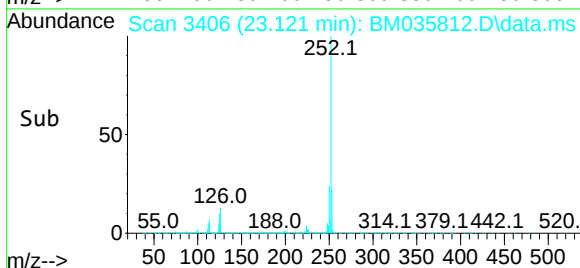
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

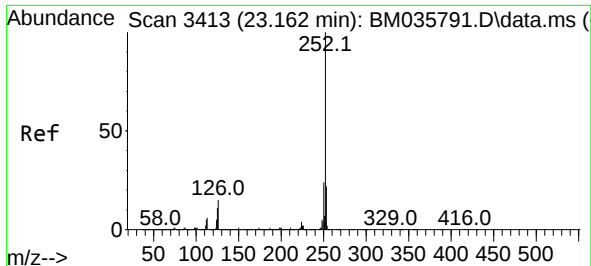


#88
Benzo(b)fluoranthene
Concen: 52.581 ng
RT: 23.121 min Scan# 3406
Delta R.T. 0.012 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



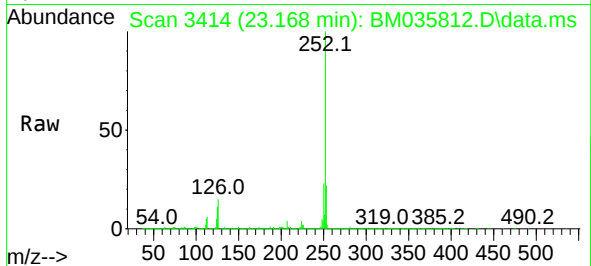
Tgt Ion:252 Resp: 3215797
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.2 7.6 11.4





#89
Benzo(k)fluoranthene
Concen: 47.652 ng
RT: 23.168 min Scan# 3413
Delta R.T. 0.006 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

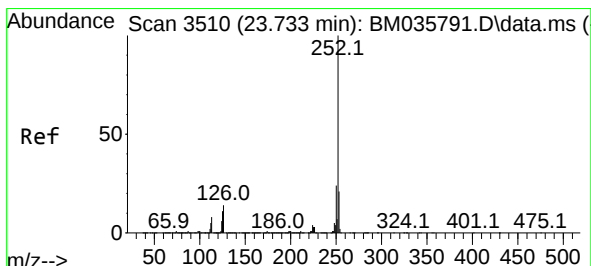
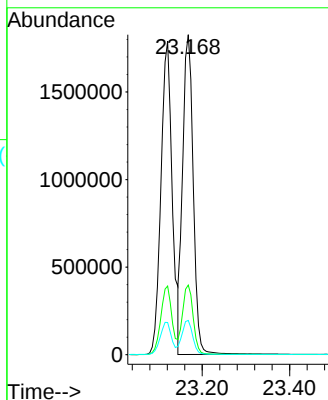
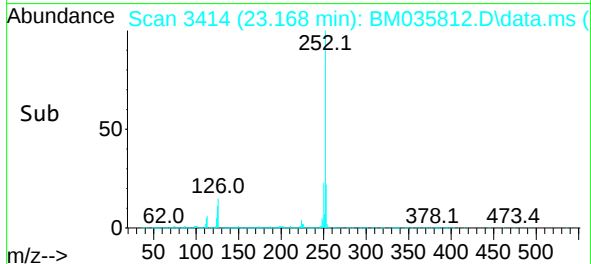
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



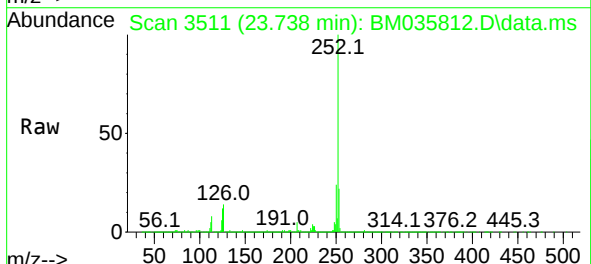
Tgt Ion:252 Resp: 3048279
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.7 7.6 11.4

Manual Integrations
APPROVED

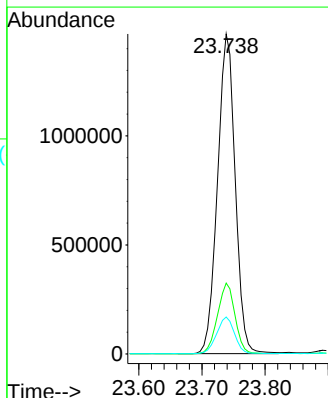
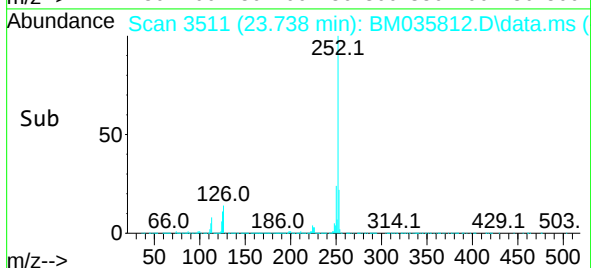
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

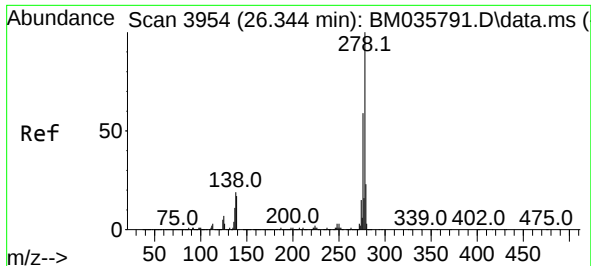


#90
Benzo(a)pyrene
Concen: 55.831 ng
RT: 23.738 min Scan# 3511
Delta R.T. 0.005 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



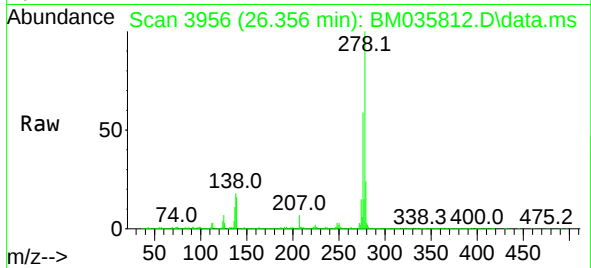
Tgt Ion:252 Resp: 2857007
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.6 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 56.715 ng
RT: 26.356 min Scan# 3956
Delta R.T. 0.012 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01

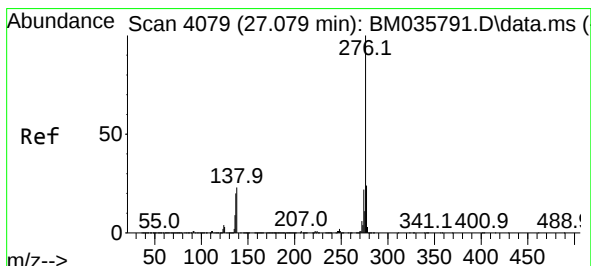
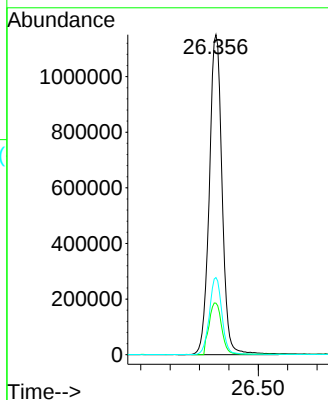
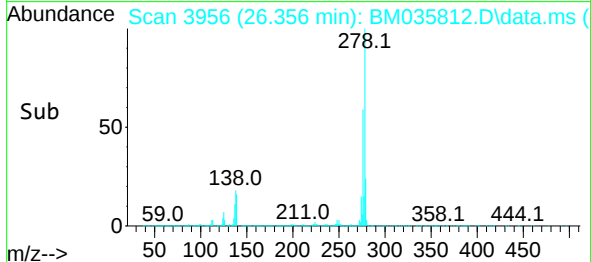
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD



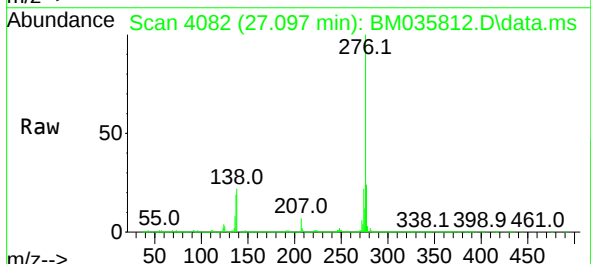
Tgt Ion:278 Resp: 346928
Ion Ratio Lower Upper
278 100
139 16.1 12.9 19.3
279 24.1 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#92
Benzo(g,h,i)perylene
Concen: 57.663 ng
RT: 27.097 min Scan# 4082
Delta R.T. 0.018 min
Lab File: BM035812.D
Acq: 14 Jul 2022 15:01



Tgt Ion:276 Resp: 3480273
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 22.1 17.6 26.4

