

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110222\
 Data File : BM037312.D
 Acq On : 02 Nov 2022 11:36
 Operator : CG/JU
 Sample : N5301-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXC2

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Nov 02 13:52:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 02 03:33:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	340119	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	1527865	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	963116	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	1941940	20.000	ng/u1	0.00
79) Chrysene-d12	21.403	240	1775226	20.000	ng/u1	0.00
88) Perylene-d12	23.750	264	1501597	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	44457	5.762	ng/uL	0.00
4) Pyridine-d5	3.693	84	743264m	32.271	ng/u1	0.00
7) Phenol-d5	7.022	99	851830	28.778	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.192	67	560521	30.859	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	687363	30.393	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	729602	30.185	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	362995	31.805	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	390515	31.412	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.280	165	715464	31.215	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	1102336	31.472	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	2345506	35.222	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	2661857	33.249	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	470522	35.349	ng/u1	0.00
60) Fluorene-d10	15.480	176	2013716	33.910	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.609	200	432979	35.202	ng/u1	0.00
73) Anthracene-d10	17.327	188	3166678	35.407	ng/u1	0.00
81) Pyrene-d10	19.615	212	3556024	38.333	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	2872304	37.160	ng/u1	0.00
Target Compounds						
						Qvalue
10) Bis(2-Chloroethyl)ether	7.281	93	400825	16.043	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.392	45	480097m	13.529	ng/u1	
18) 4-Methylphenol	8.628	108	1023361	39.099	ng/u1	89
19) Hexachloroethane	8.928	117	523300	53.882	ng/u1	95
22) Nitrobenzene	9.063	77	459386	16.677	ng/u1	98
25) 2-Nitrophenol	9.775	139	485221	34.148	ng/u1	98
26) 2,4-Dimethylphenol	9.833	107	638763	23.908	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.075	93	550643	16.670	ng/u1	99
29) 2,4-Dichlorophenol	10.304	162	540115	22.899	ng/u1	99
32) 4-Chloroaniline	10.827	127	1713682	47.216	ng/u1	99
36) 2-Methylnaphthalene	12.316	142	1276591	22.677	ng/u1	100
40) Hexachlorocyclopentadiene	12.651	237	770082	47.654	ng/u1	100
41) 2,4,6-Trichlorophenol	12.927	196	302682	16.221	ng/u1	98
44) 2-Chloronaphthalene	13.368	162	742175	12.903	ng/u1	99
45) 2-Nitroaniline	13.586	65	969410	63.916	ng/u1	97
47) Dimethylphthalate	13.957	163	2084311	29.385	ng/u1	100
48) 2,6-Dinitrotoluene	14.080	165	187466	13.498	ng/u1	99
51) 3-Nitroaniline	14.415	138	933185	62.264	ng/u1	99
53) 2,4-Dinitrophenol	14.615	184	567126	60.808	ng/u1	94
55) 4-Nitrophenol	14.721	109	615154	62.847	ng/u1	97
62) 4-Chlorophenyl-phenyle...	15.533	204	466298	13.342	ng/u1	99
63) 4-Nitroaniline	15.574	138	585217	41.998	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.627	198	758287	58.034	ng/u1	98
68) 4-Bromophenyl-phenylether	16.427	248	1254054	60.703	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 3,3'-Dichlorobenzidine	21.327	252	813410	19.770	ng/ul	99

-----11/03/2022
 Supervised By :mohammad
 ahmed

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

11/04/2022

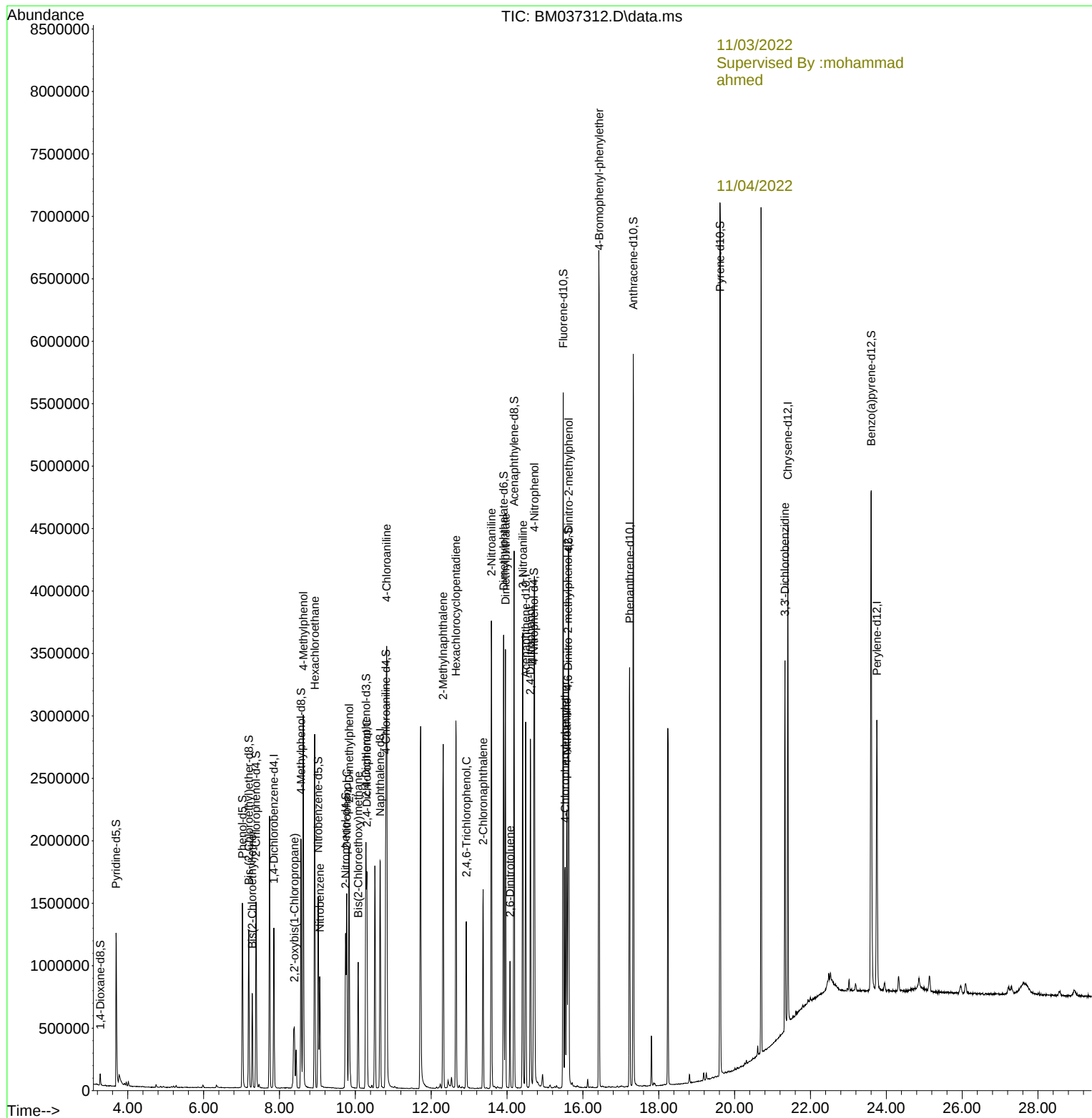
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 ALS Vial : 4 Sample Multiplier: 1

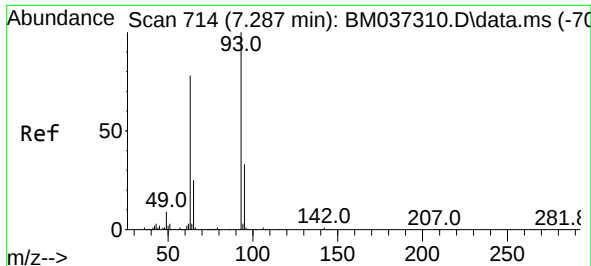
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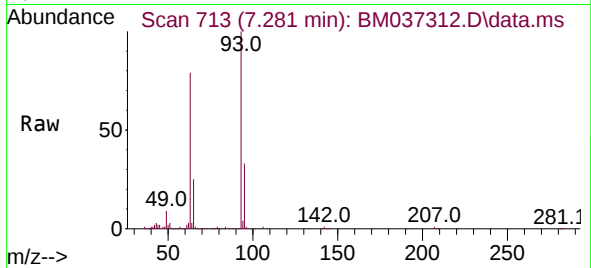
Reviewed By :Jagrut
 Upadhyay





#10
Bis(2-Chloroethyl)ether
Concen: 16.043 ng/ul
RT: 7.281 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

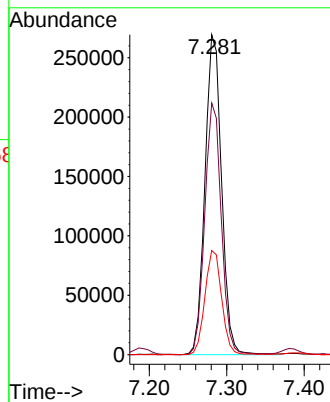
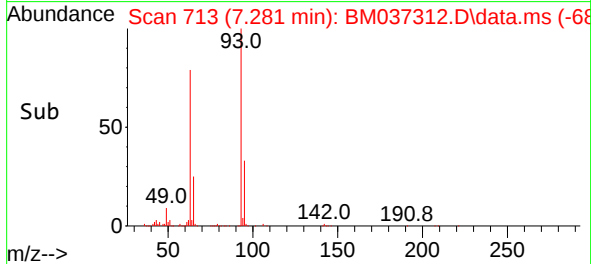
Instrument :
BNA_M
ClientSampleId :
DBXC2



Tgt Ion: 93 Resp: 400825
Ion Ratio Lower Upper
93 100
63 78.6 63.0 94.4
95 32.5 26.0 39.0

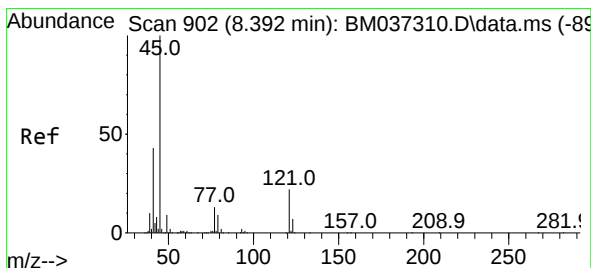
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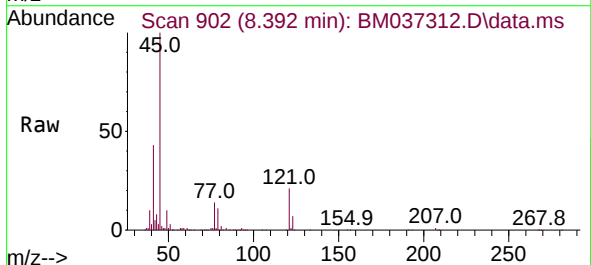


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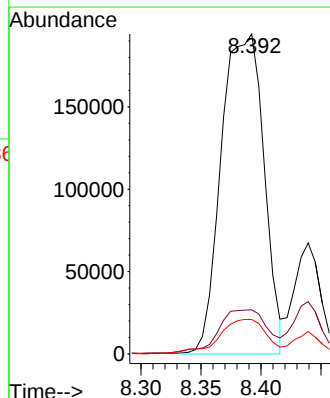
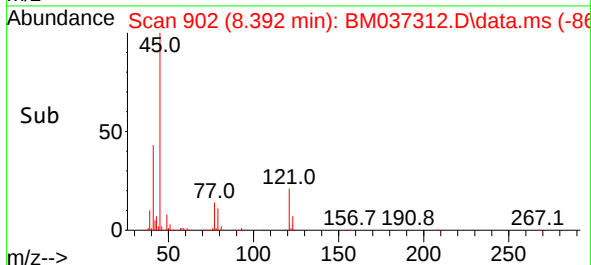
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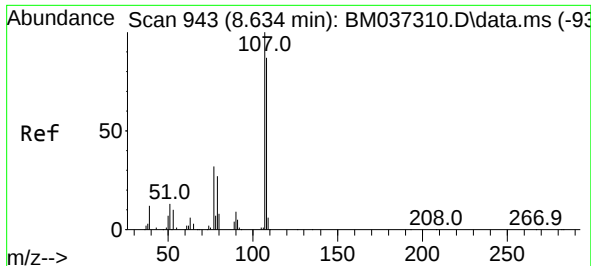


#14
2,2'-oxybis(1-Chloropropane)
Concen: 13.529 ng/ul m
RT: 8.392 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36



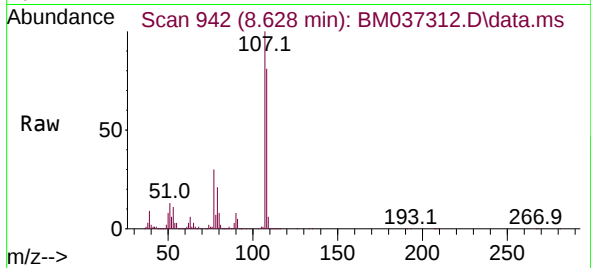
Tgt Ion: 45 Resp: 480097
Ion Ratio Lower Upper
45 100
77 13.8 11.1 16.7
79 10.7 8.4 12.6





#18
4-Methylphenol
Concen: 39.099 ng/ul
RT: 8.628 min Scan# 943
Delta R.T. -0.012 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

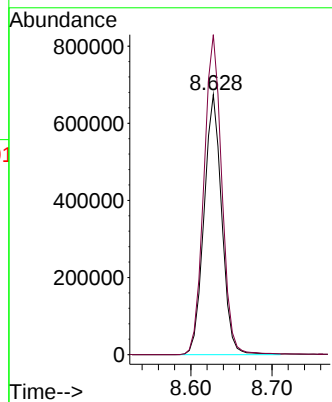
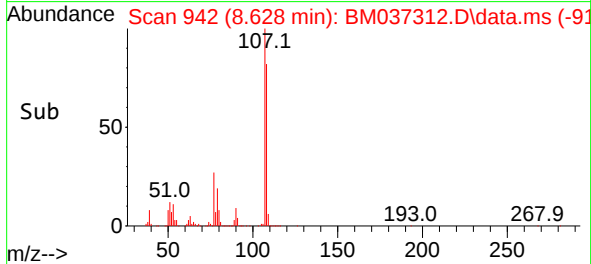
Instrument :
BNA_M
ClientSampleId :
DBXC2



Tgt Ion:108 Resp: 102336
Ion Ratio Lower Upper
108 100
107 123.1 89.3 133.9

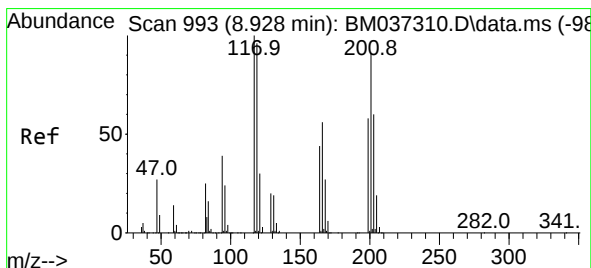
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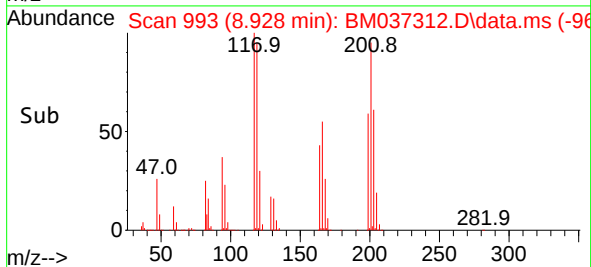
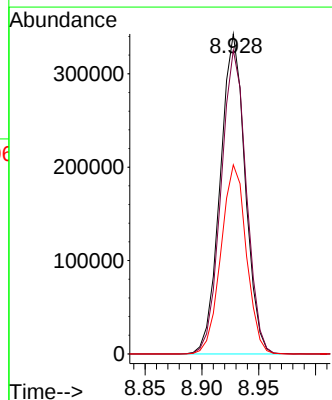
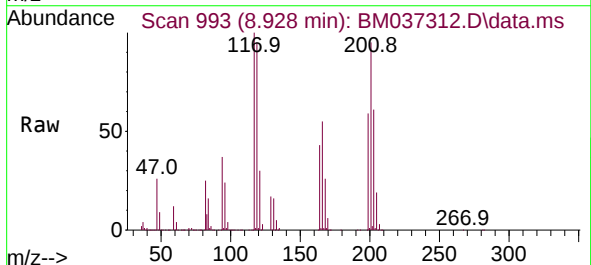
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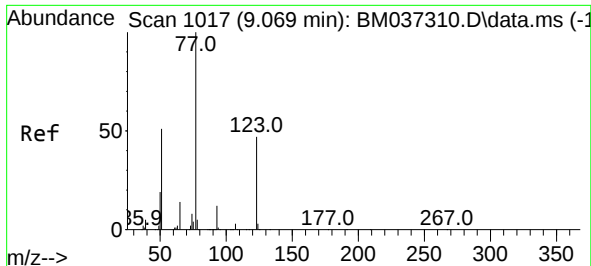
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#19
Hexachloroethane
Concen: 53.882 ng/ul
RT: 8.928 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

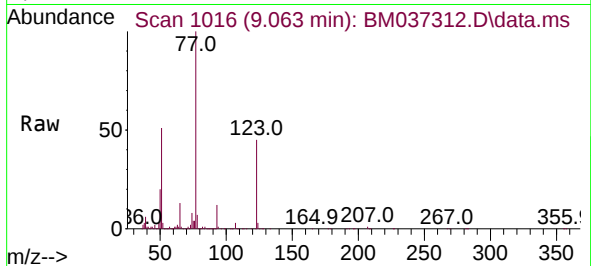
Tgt Ion:117 Resp: 523300
Ion Ratio Lower Upper
117 100
201 95.0 80.1 120.1
199 59.1 50.0 75.0





#22
Nitrobenzene
Concen: 16.677 ng/ul
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

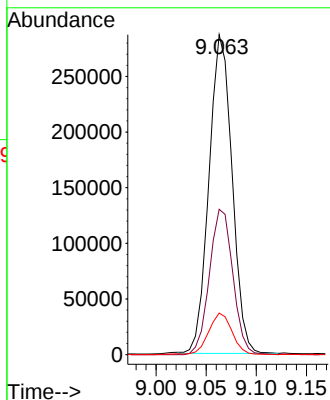
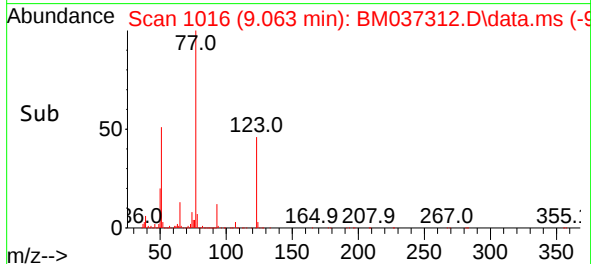
Instrument :
BNA_M
ClientSampleId :
DBXC2



Tgt Ion: 77 Resp: 459386
Ion Ratio Lower Upper
77 100
123 45.4 37.3 55.9
65 13.0 10.1 15.1

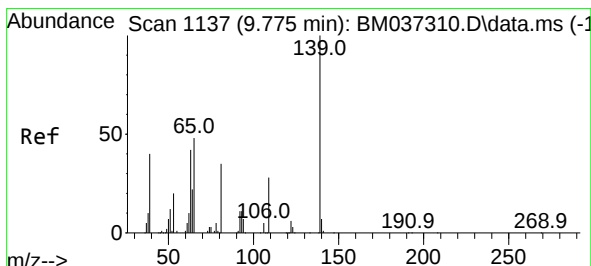
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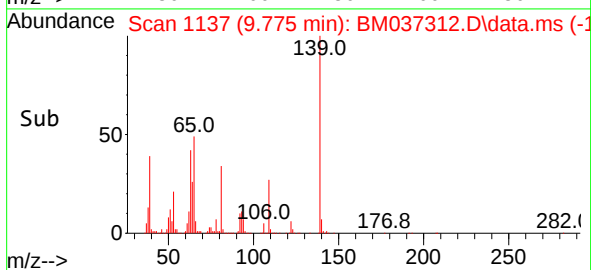
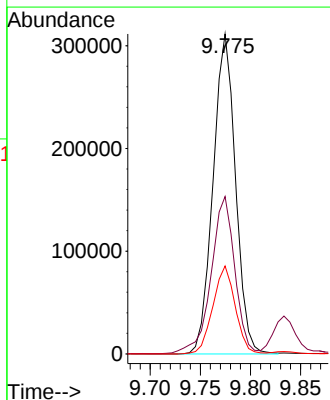
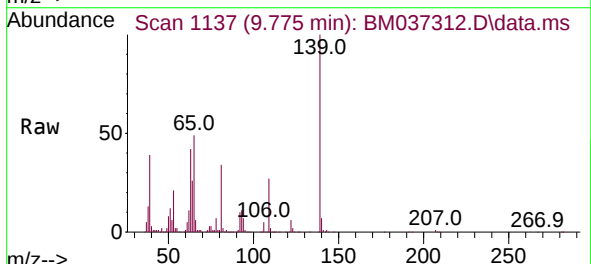
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Supervised By :mohammad
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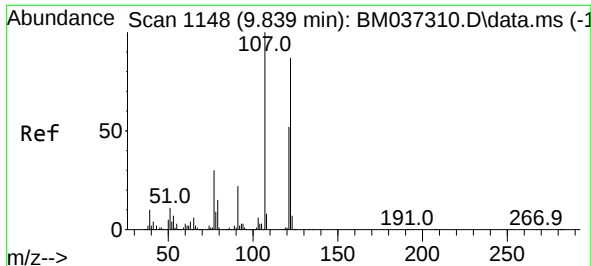
11/04/2022



#25
2-Nitrophenol
Concen: 34.148 ng/ul
RT: 9.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

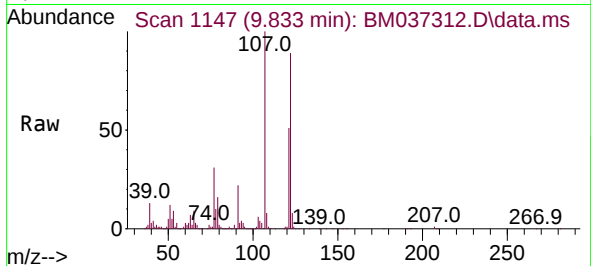
Tgt Ion:139 Resp: 485221
Ion Ratio Lower Upper
139 100
65 49.2 37.9 56.9
109 27.5 21.4 32.2





#26
2,4-Dimethylphenol
Concen: 23.908 ng/ul
RT: 9.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

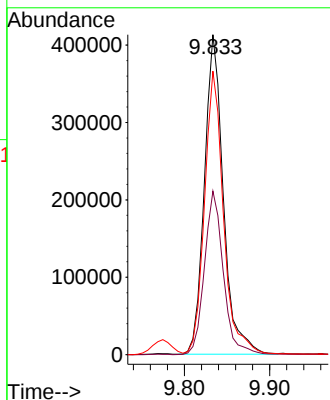
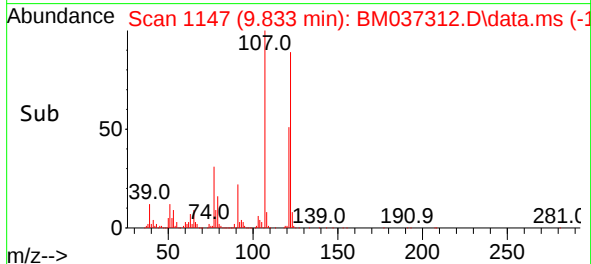
Instrument :
BNA_M
ClientSampleId :
DBXC2



Tgt Ion:107 Resp: 638763
Ion Ratio Lower Upper
107 100
121 51.1 42.4 63.6
122 88.6 71.8 107.8

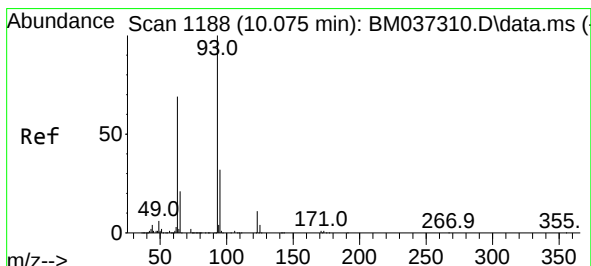
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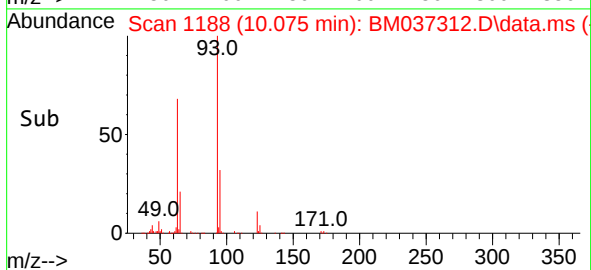
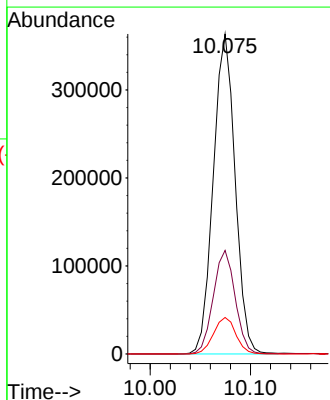
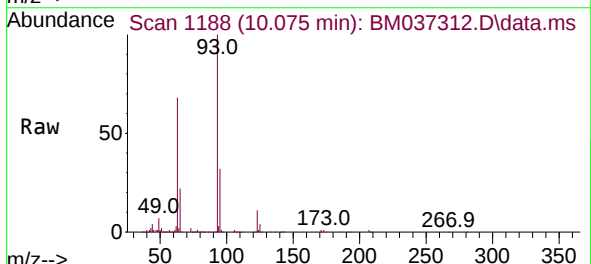
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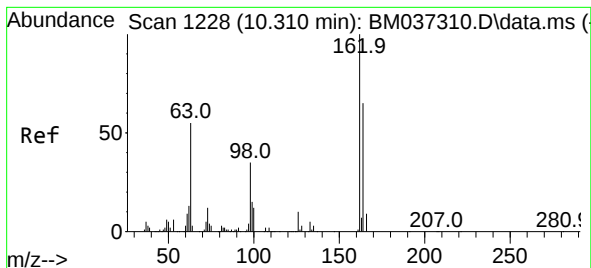
11/04/2022



#27
Bis(2-Chloroethoxy)methane
Concen: 16.670 ng/ul
RT: 10.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

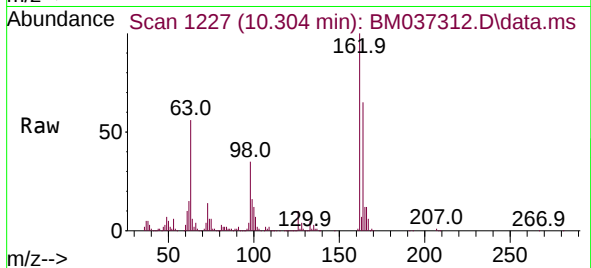
Tgt Ion: 93 Resp: 550643
Ion Ratio Lower Upper
93 100
95 32.3 25.6 38.4
123 11.4 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 22.899 ng/ul
RT: 10.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

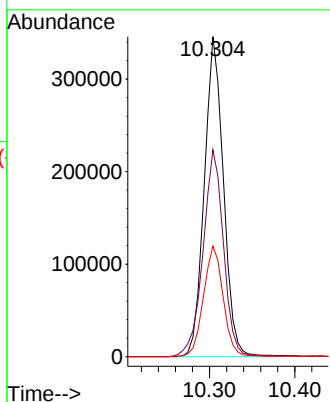
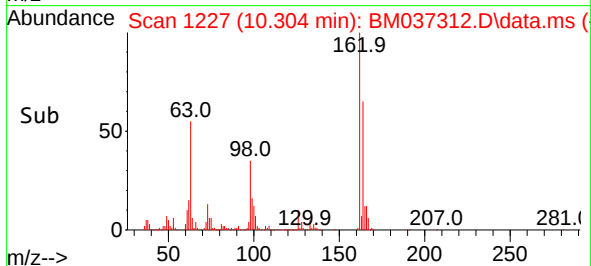
Instrument :
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Tgt Ion:162 Resp: 540115
Ion Ratio Lower Upper
162 100
164 64.7 52.7 79.1
98 34.5 27.4 41.2

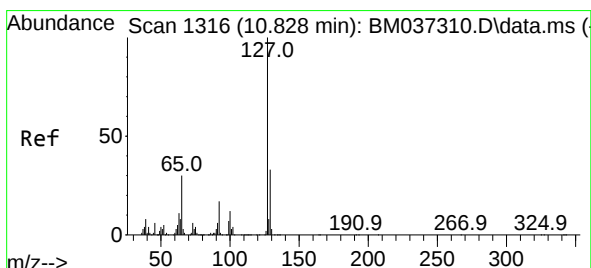
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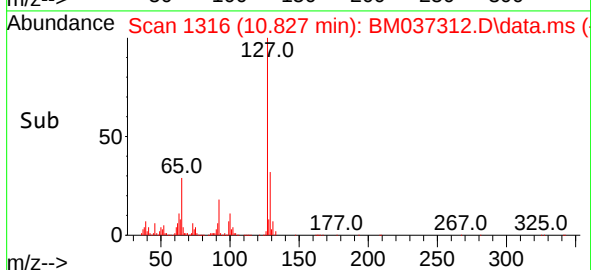
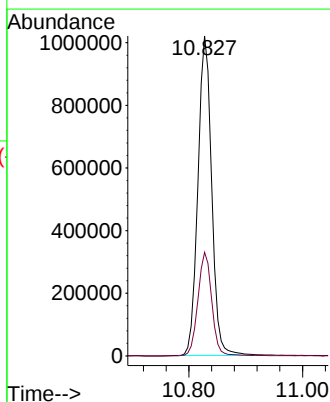
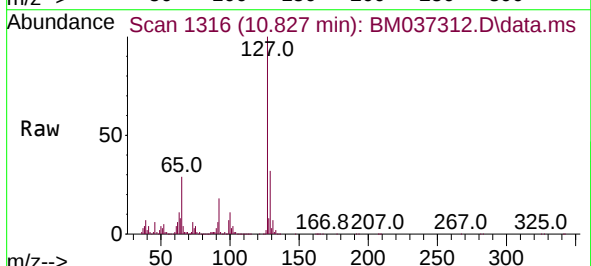
11/03/2022
Supervised By :mohammad
ahmed

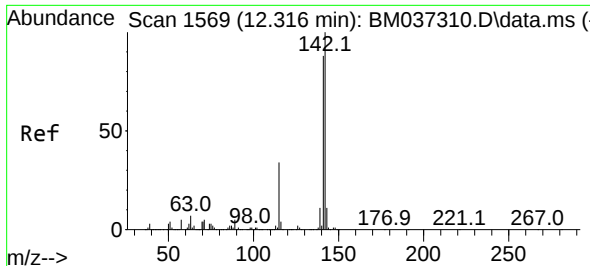
11/04/2022



#32
4-Chloroaniline
Concen: 47.216 ng/ul
RT: 10.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

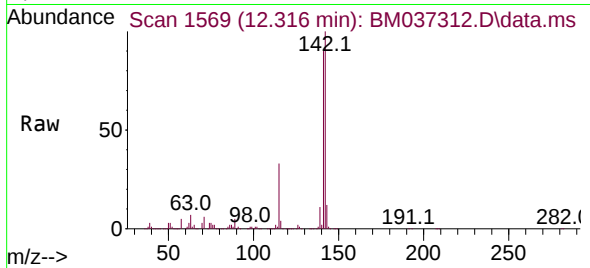
Tgt Ion:127 Resp: 1713682
Ion Ratio Lower Upper
127 100
129 32.4 25.4 38.2





#36
2-Methylnaphthalene
Concen: 22.677 ng/ul
RT: 12.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

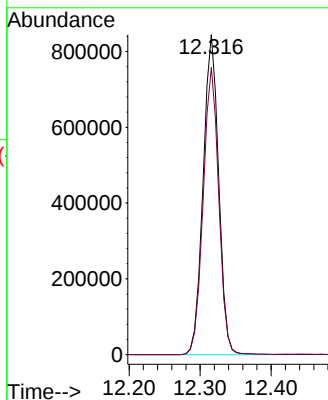
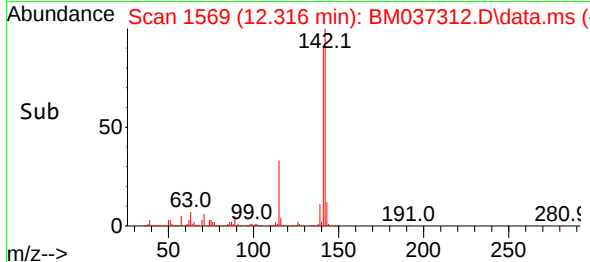
Instrument :
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Tgt Ion:142 Resp: 127659
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.2

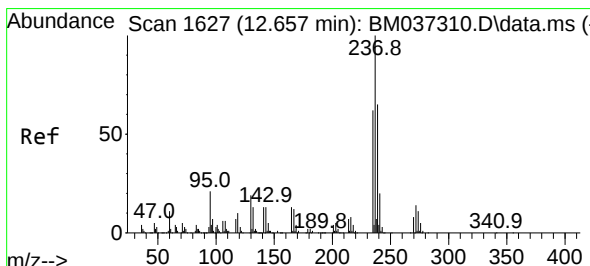
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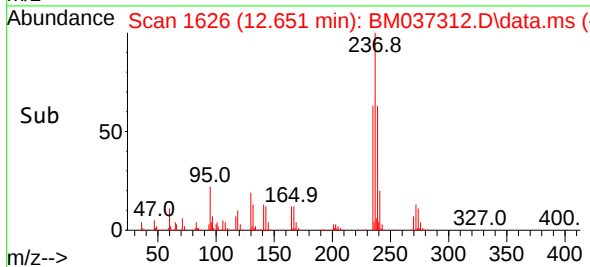
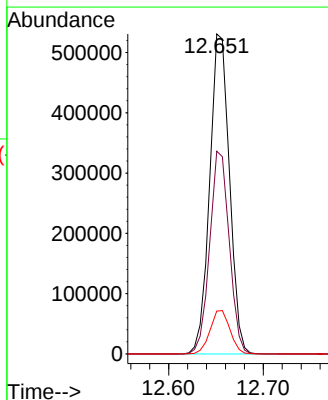
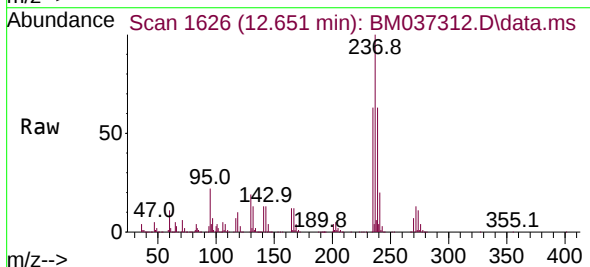
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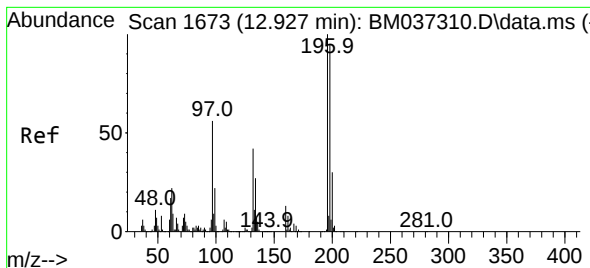
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#40
Hexachlorocyclopentadiene
Concen: 47.654 ng/ul
RT: 12.651 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

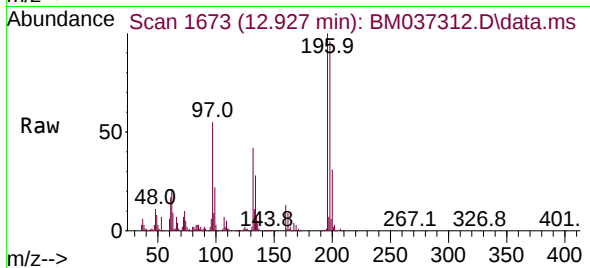
Tgt Ion:237 Resp: 770082
Ion Ratio Lower Upper
237 100
235 63.3 50.6 75.8
272 13.4 10.8 16.2





#41
2,4,6-Trichlorophenol
Concen: 16.221 ng/ul
RT: 12.927 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

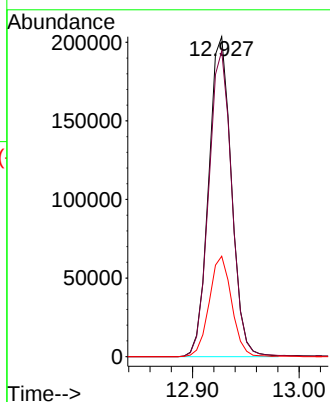
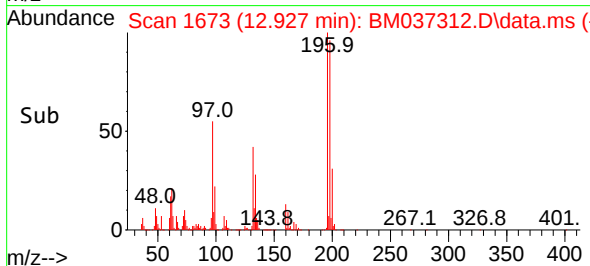
Instrument :
BNA_M
ClientSampleId :
DBXC2



Tgt Ion:196 Resp: 302682
Ion Ratio Lower Upper
196 100
198 95.5 78.5 117.7
200 31.4 25.0 37.6

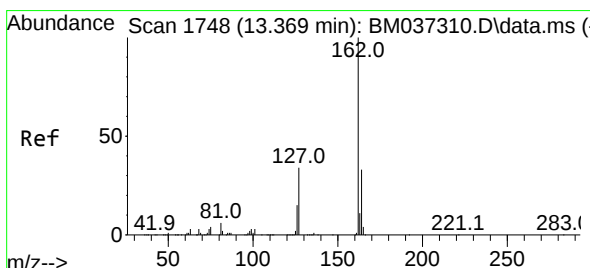
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Upadhyay

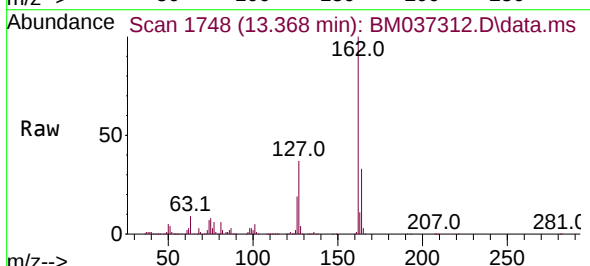


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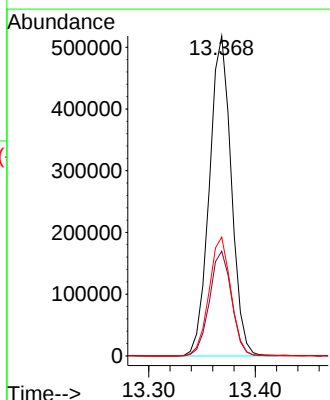
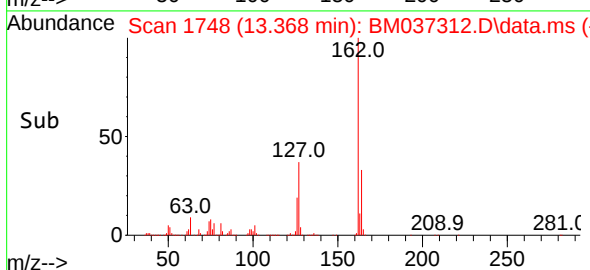
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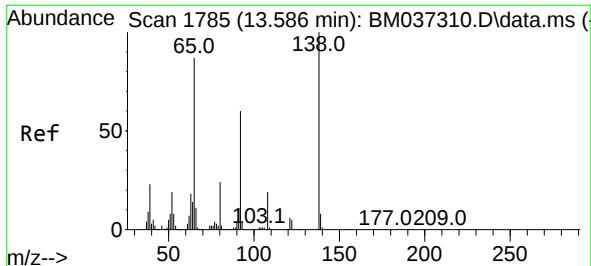


#44
2-Chloronaphthalene
Concen: 12.903 ng/ul
RT: 13.368 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36



Tgt Ion:162 Resp: 742175
Ion Ratio Lower Upper
162 100
164 32.7 26.6 39.8
127 37.1 29.8 44.8





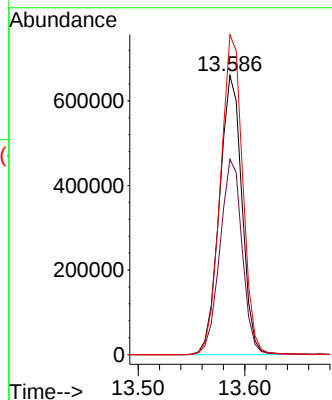
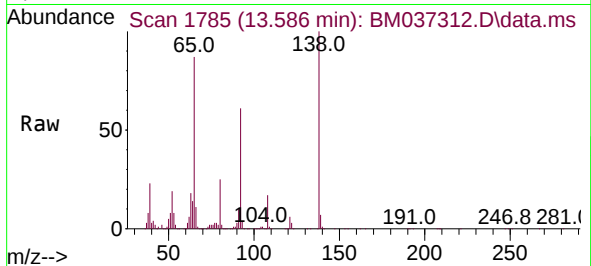
#45
2-Nitroaniline
Concen: 63.916 ng/ul
RT: 13.586 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

Instrument :
BNA_M
ClientSampleId :
DBXC2

Tgt Ion: 65 Resp: 969410
Ion Ratio Lower Upper
65 100
92 70.0 53.9 80.9
138 114.7 89.1 133.7

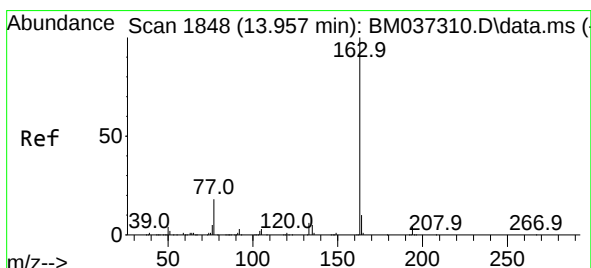
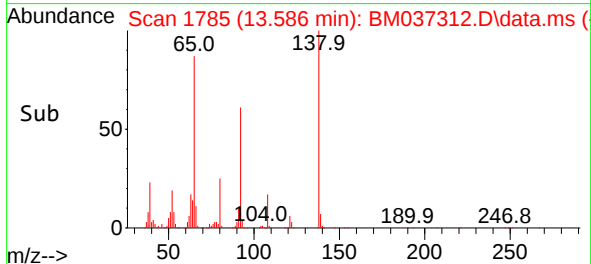
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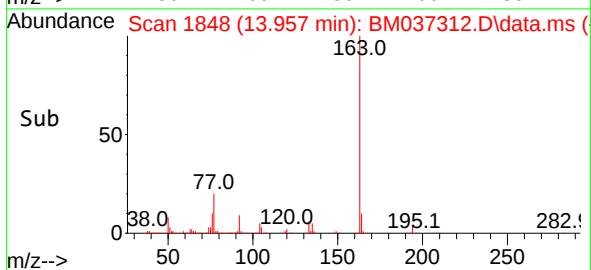
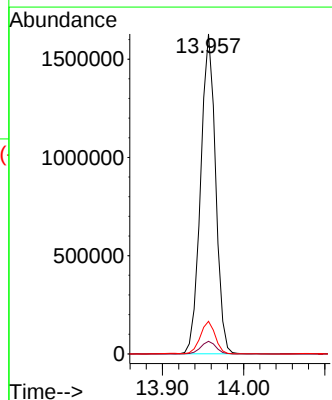
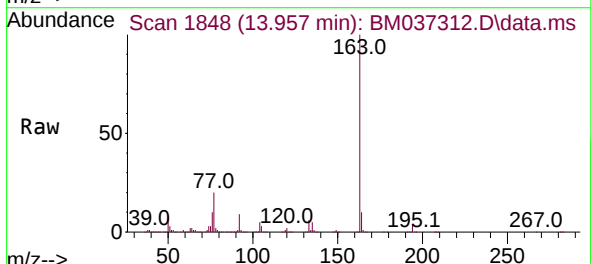
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Supervised By :mohammad
ahmed

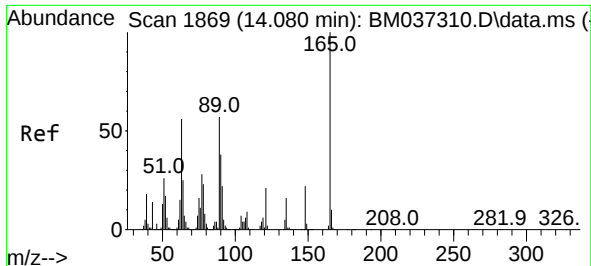
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#47
Dimethylphthalate
Concen: 29.385 ng/ul
RT: 13.957 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

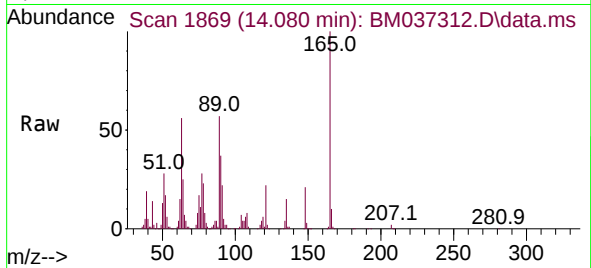
Tgt Ion:163 Resp: 2084311
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.0 12.0





#48
2,6-Dinitrotoluene
Concen: 13.498 ng/ul
RT: 14.080 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

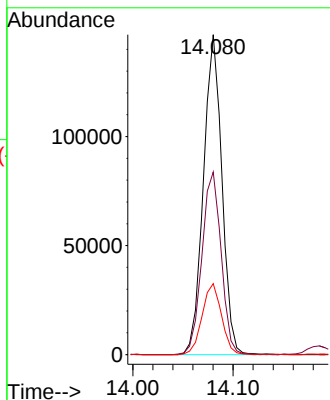
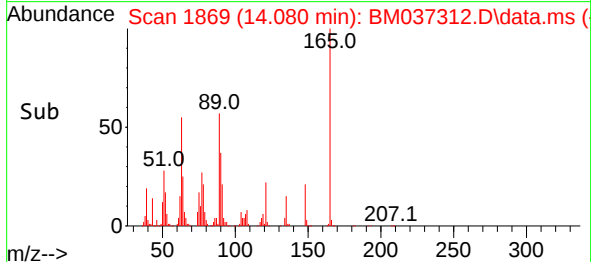
Instrument :
BNA_M
ClientSampleId :
DBXC2



Tgt Ion:165 Resp: 187466
Ion Ratio Lower Upper
165 100
89 57.1 45.4 68.0
121 22.2 17.0 25.6

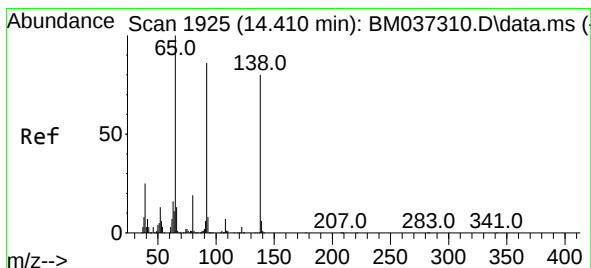
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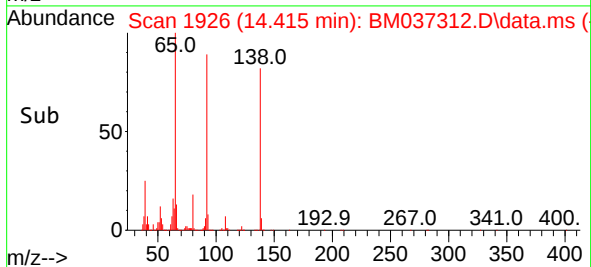
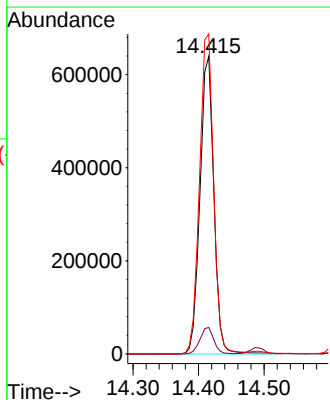
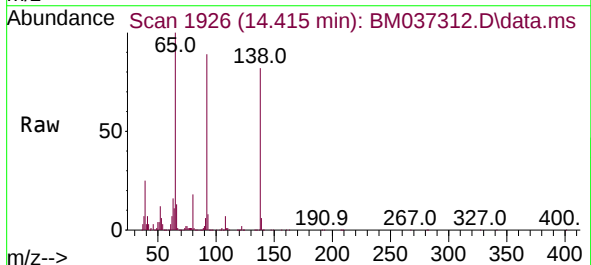
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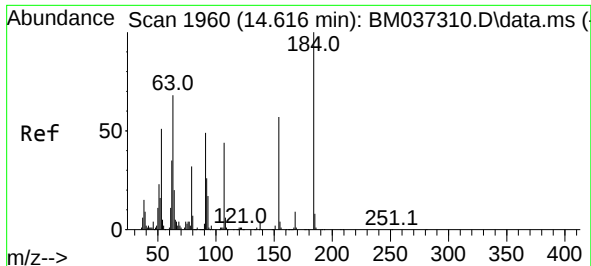
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#51
3-Nitroaniline
Concen: 62.264 ng/ul
RT: 14.415 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

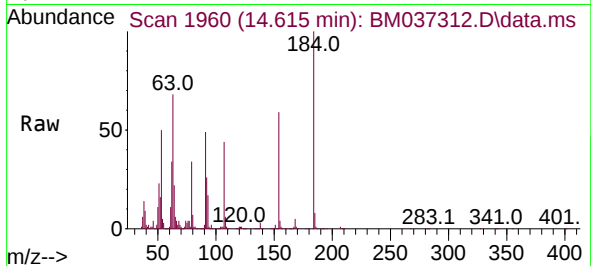
Tgt Ion:138 Resp: 933185
Ion Ratio Lower Upper
138 100
108 8.9 7.1 10.7
92 107.5 85.5 128.3





#53
2,4-Dinitrophenol
Concen: 60.808 ng/ul
RT: 14.615 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

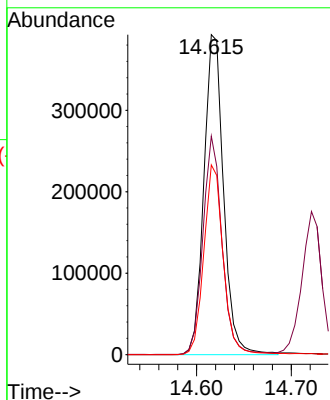
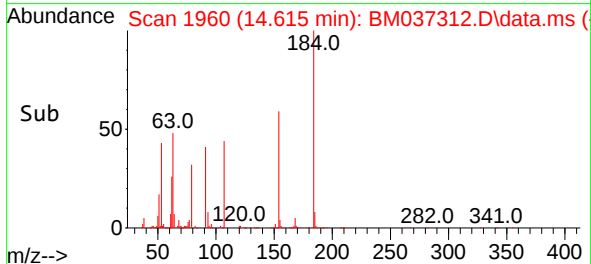
Instrument :
BNA_M
ClientSampleId :
DBXC2



Tgt Ion:184 Resp: 567126
Ion Ratio Lower Upper
184 100
63 68.3 49.0 73.6
154 59.3 45.9 68.9

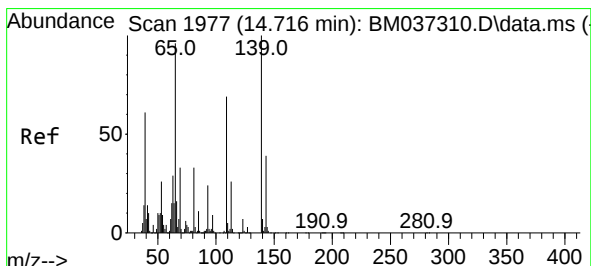
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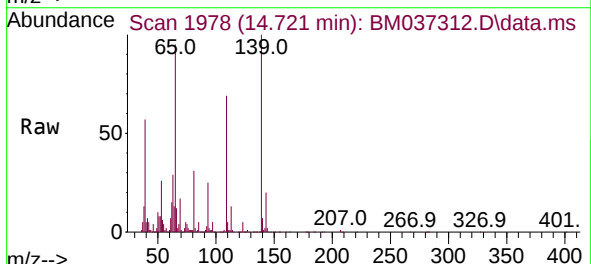


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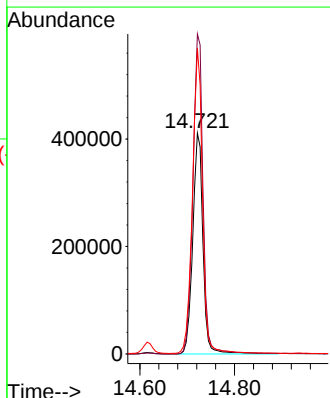
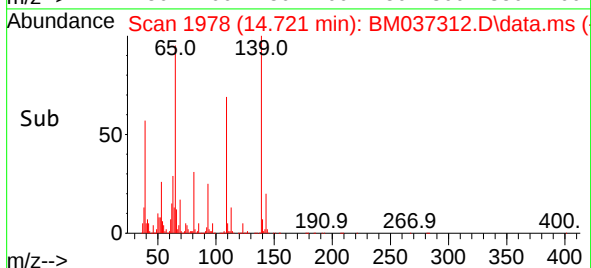
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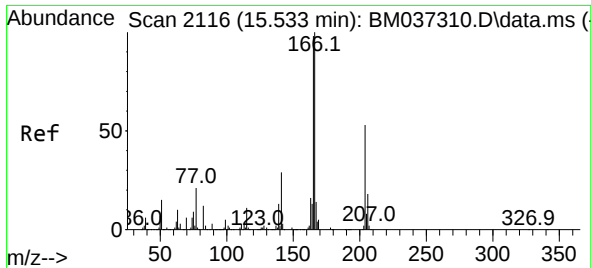


#55
4-Nitrophenol
Concen: 62.847 ng/ul
RT: 14.721 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36



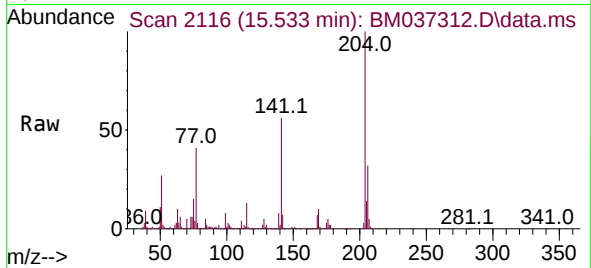
Tgt Ion:109 Resp: 615154
Ion Ratio Lower Upper
109 100
139 144.9 117.1 175.7
65 138.3 106.2 159.4





#62
4-Chlorophenyl-phenylether
Concen: 13.342 ng/ul
RT: 15.533 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

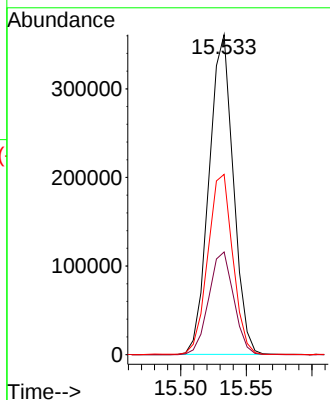
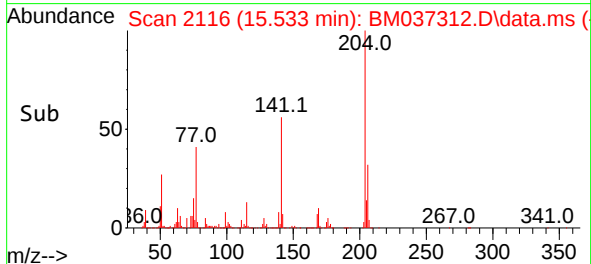
Instrument :
BNA_M
ClientSampleId :
DBXC2



Tgt Ion:204 Resp: 466298
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 56.4 44.2 66.4

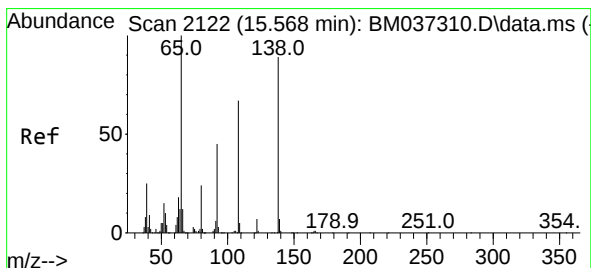
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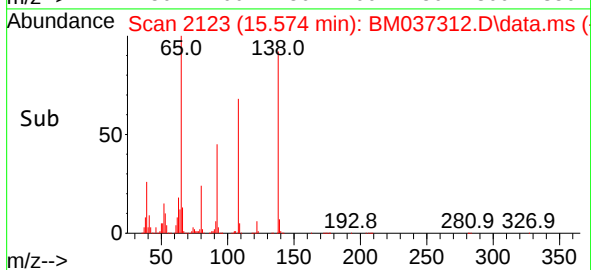
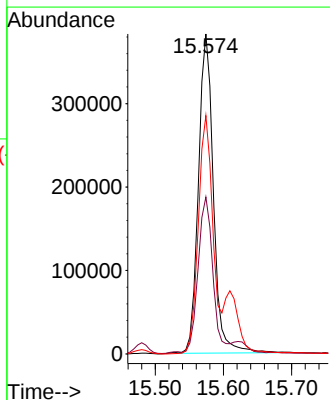
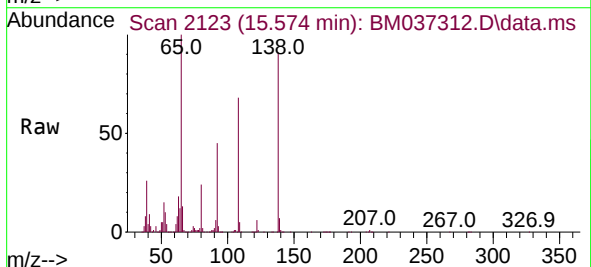
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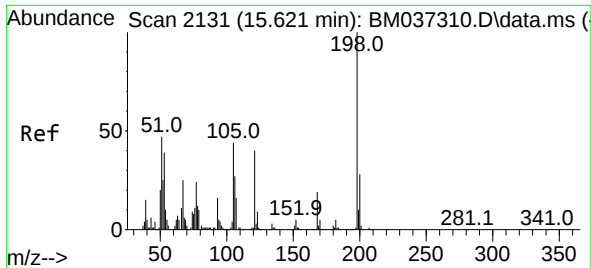
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#63
4-Nitroaniline
Concen: 41.998 ng/ul
RT: 15.574 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

Tgt Ion:138 Resp: 585217
Ion Ratio Lower Upper
138 100
92 49.0 38.5 57.7
108 74.5 57.0 85.4





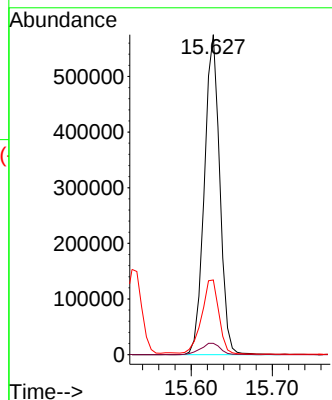
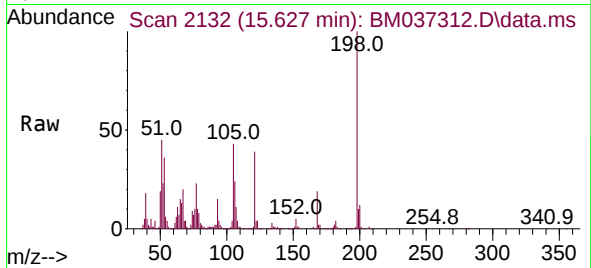
#66
4,6-Dinitro-2-methylphenol
Concen: 58.034 ng/ul
RT: 15.627 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

Instrument :
BNA_M
ClientSampleId :
DBXC2

Tgt Ion:198 Resp: 758281
Ion Ratio Lower Upper
198 100
182 3.5 3.4 5.0
77 23.3 18.1 27.1

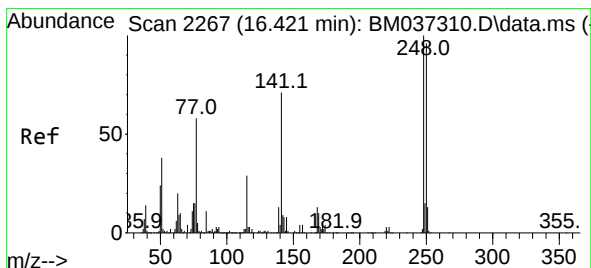
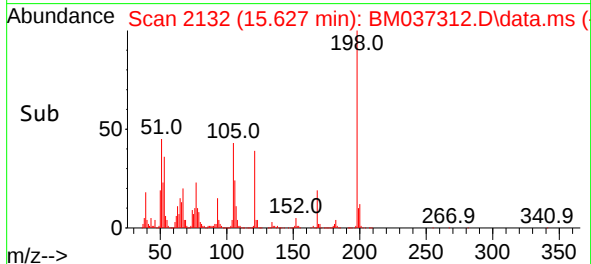
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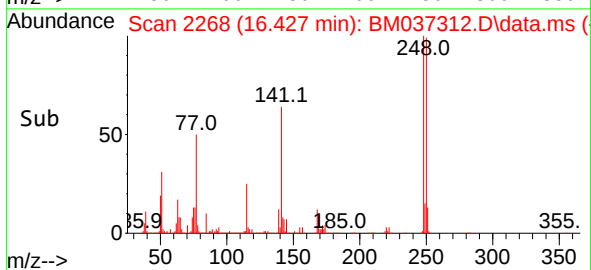
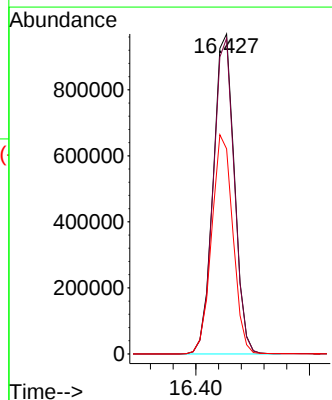
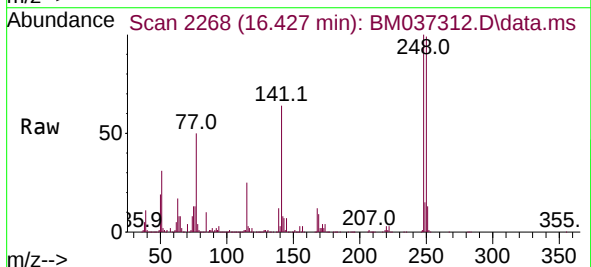
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ahmed

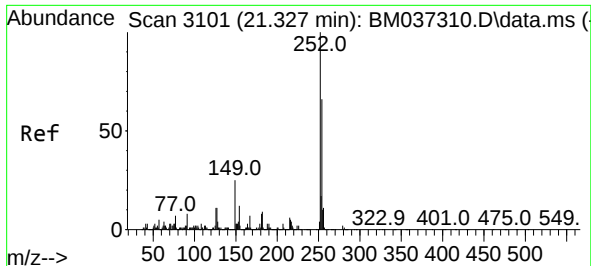
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#68
4-Bromophenyl-phenylether
Concen: 60.703 ng/ul
RT: 16.427 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BM037312.D
Acq: 02 Nov 2022 11:36

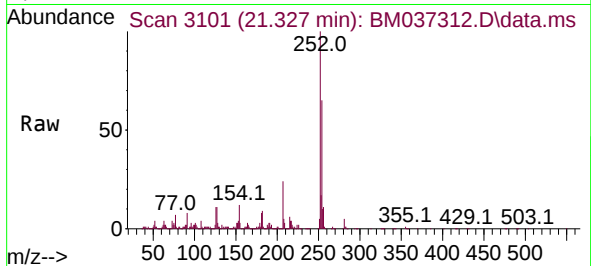
Tgt Ion:248 Resp: 1254054
Ion Ratio Lower Upper
248 100
250 98.6 78.6 117.8
141 64.1 52.5 78.7





#84
 3,3'-Dichlorobenzidine
 Concen: 19.770 ng/ul
 RT: 21.327 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM037312.D
 Acq: 02 Nov 2022 11:36

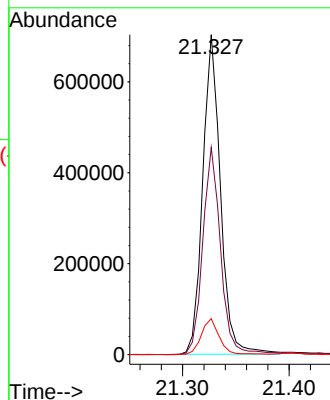
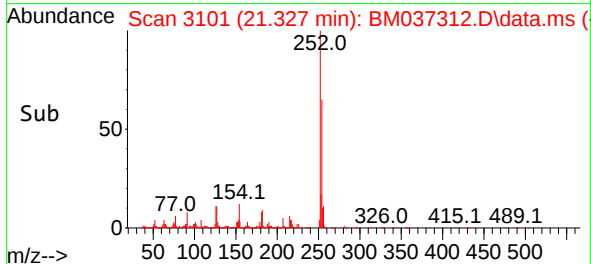
Instrument :
 BNA_M
 ClientSampleId :
 DBXC2



Tgt Ion:252 Resp: 813410
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.3 76.9
 126 11.2 8.9 13.3

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