

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
 Data File : BM044773.D
 Acq On : 26 Mar 2024 17:50
 Operator : MA/JU
 Sample : P1864-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ229-72-11976MSD

Quant Time: Mar 26 18:30:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/27/2024
 Supervised By :mohammad ahmed 03/28/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.686	152	131150	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	510324	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	291710	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	594361	20.000	ng	-0.01
76) Chrysene-d12	21.291	240	551451	20.000	ng	-0.01
86) Perylene-d12	23.538	264	661026	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	816871	89.428	ng	0.00
7) Phenol-d6	6.869	99	1018887	86.703	ng	-0.01
23) Nitrobenzene-d5	8.851	82	627975	59.282	ng	-0.01
42) 2,4,6-Tribromophenol	15.839	330	342798	106.543	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1229645	58.054	ng	-0.02
79) Terphenyl-d14	19.733	244	1845814	58.554	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.281	88	136876	35.650	ng	Qvalue
3) Pyridine	3.663	79	365566	34.430	ng	# 92
4) n-Nitrosodimethylamine	3.587	42	205237	48.234	ng	93
6) Aniline	7.028	93	266300	19.133	ng	84
8) 2-Chlorophenol	7.251	128	415196	45.635	ng	98
9) Benzaldehyde	6.845	77	66193m	10.755	ng	100
10) Phenol	6.898	94	516334	43.995	ng	95
11) bis(2-Chloroethyl)ether	7.128	93	392332	40.943	ng	98
12) 1,3-Dichlorobenzene	7.575	146	436283	44.597	ng	97
13) 1,4-Dichlorobenzene	7.722	146	445988	45.233	ng	99
14) 1,2-Dichlorobenzene	8.033	146	430513	45.786	ng	98
15) Benzyl Alcohol	7.933	79	345180	44.678	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.204	45	585821m	44.095	ng	
17) 2-Methylphenol	8.133	107	327730	40.945	ng	97
18) Hexachloroethane	8.739	117	170518	46.781	ng	99
19) n-Nitroso-di-n-propyla...	8.498	70	289859	40.389	ng	93
20) 3+4-Methylphenols	8.457	107	447181	41.400	ng	96
22) Acetophenone	8.516	105	578946	43.182	ng	# 97
24) Nitrobenzene	8.892	77	444455	42.445	ng	100
25) Isophorone	9.410	82	794970	43.496	ng	98
26) 2-Nitrophenol	9.592	139	218962	48.460	ng	# 95
27) 2,4-Dimethylphenol	9.657	122	276951	34.854	ng	98
28) bis(2-Chloroethoxy)met...	9.898	93	483693	39.853	ng	99
29) 2,4-Dichlorophenol	10.122	162	361660	47.755	ng	97
30) 1,2,4-Trichlorobenzene	10.327	180	372451	46.229	ng	99
31) Naphthalene	10.516	128	1197510	42.757	ng	100
32) Benzoic acid	9.810	122	281674	44.688	ng	97
33) 4-Chloroaniline	10.639	127	212016	18.045	ng	99
34) Hexachlorobutadiene	10.780	225	211997	47.193	ng	99
35) Caprolactam	11.451	113	117412m	48.062	ng	
36) 4-Chloro-3-methylphenol	11.769	107	378135	45.502	ng	99
37) 2-Methylnaphthalene	12.139	142	778180	40.937	ng	98
38) 1-Methylnaphthalene	12.357	142	732975	41.373	ng	98
40) 1,2,4,5-Tetrachloroben...	12.504	216	377917	45.653	ng	100
41) Hexachlorocyclopentadiene	12.468	237	213469	45.266	ng	100
43) 2,4,6-Trichlorophenol	12.757	196	269405	48.197	ng	100

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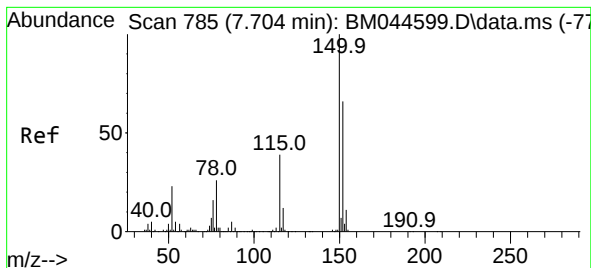
Manual Integrations
 APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.833	196	290775	43.902	ng	99
46) 1,1'-Biphenyl	13.163	154	988161	43.312	ng	99
47) 2-Chloronaphthalene	13.204	162	762196	45.178	ng	98
48) 2-Nitroaniline	13.427	65	267563	46.741	ng	97
49) Acenaphthylene	14.057	152	1282278	46.657	ng	100
50) Dimethylphthalate	13.804	163	914425	41.909	ng	99
51) 2,6-Dinitrotoluene	13.933	165	204232	44.949	ng	99
52) Acenaphthene	14.398	154	714583	43.011	ng	100
53) 3-Nitroaniline	14.262	138	133873	25.162	ng	97
54) 2,4-Dinitrophenol	14.474	184	155844	53.979	ng	96
55) Dibenzofuran	14.739	168	1146447	43.479	ng	99
56) 4-Nitrophenol	14.580	139	428894	98.153	ng	92
57) 2,4-Dinitrotoluene	14.727	165	287602	48.443	ng	92
58) Fluorene	15.392	166	924523	45.025	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.968	232	246963	48.026	ng	99
60) Diethylphthalate	15.174	149	958733	43.406	ng	99
61) 4-Chlorophenyl-phenyle...	15.392	204	428889	43.509	ng	98
62) 4-Nitroaniline	15.433	138	234425	44.108	ng	94
63) Azobenzene	15.686	77	1007746	44.138	ng	96
65) 4,6-Dinitro-2-methylph...	15.486	198	113054	30.330	ng	98
66) n-Nitrosodiphenylamine	15.609	169	783313	42.287	ng	99
67) 4-Bromophenyl-phenylether	16.286	248	267067	43.441	ng	98
68) Hexachlorobenzene	16.392	284	315154	48.225	ng	94
69) Atrazine	16.574	200	269515	46.562	ng	98
70) Pentachlorophenol	16.745	266	448745	95.462	ng	99
71) Phenanthrene	17.133	178	1446029	44.025	ng	100
72) Anthracene	17.227	178	1473304	44.724	ng	99
73) Carbazole	17.503	167	1426430	45.975	ng	99
74) Di-n-butylphthalate	18.074	149	1757356	43.957	ng	99
75) Fluoranthene	19.156	202	1716944	46.762	ng	98
77) Benzidine	19.362	184	1262571	88.587	ng	99
78) Pyrene	19.521	202	1811203	44.813	ng	100
80) Butylbenzylphthalate	20.439	149	848757	46.596	ng	98
81) Benzo(a)anthracene	21.280	228	1752012	45.661	ng	100
82) 3,3'-Dichlorobenzidine	21.215	252	621415	47.024	ng	100
83) Chrysene	21.333	228	1656678	45.184	ng	100
84) Bis(2-ethylhexyl)phtha...	21.221	149	1208314	44.032	ng	98
85) Di-n-octyl phthalate	22.109	149	2185411	45.912	ng	99
87) Indeno(1,2,3-cd)pyrene	25.821	276	2217345	46.401	ng	97
88) Benzo(b)fluoranthene	22.868	252	1849240	47.604	ng	98
89) Benzo(k)fluoranthene	22.915	252	1712742	42.888	ng	98
90) Benzo(a)pyrene	23.444	252	1721846	45.444	ng	98
91) Dibenzo(a,h)anthracene	25.832	278	1812468	44.990	ng	97
92) Benzo(g,h,i)perylene	26.509	276	1729935	43.622	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.686 min Scan# 70

Delta R.T. -0.018 min

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Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MSD

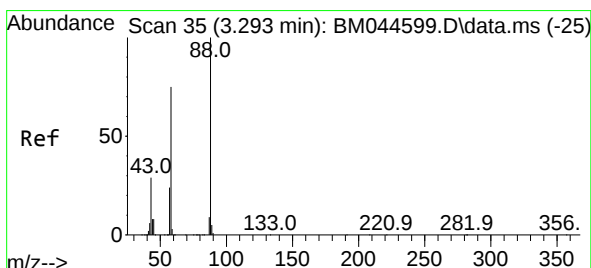
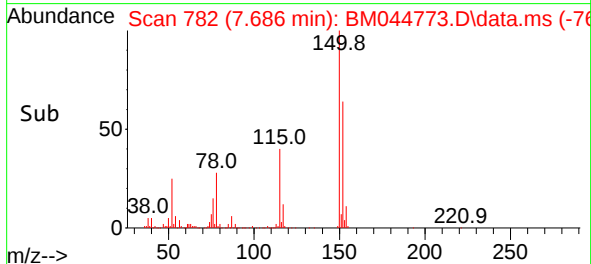
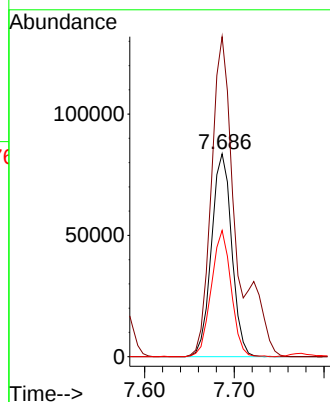
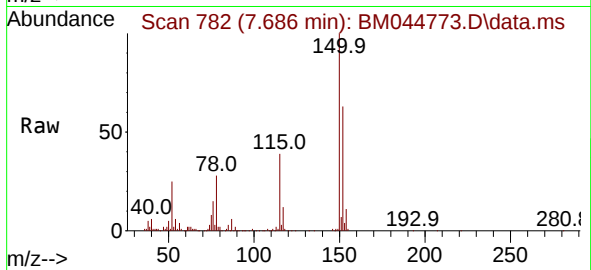
Tgt Ion:152 Resp: 131150

Ion	Ratio	Lower	Upper
152	100		
150	157.7	121.9	182.9
115	62.2	47.1	70.7

Manual Integrations

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Supervised By :mohammad ahmed 03/28/2024



#2

1,4-Dioxane

Concen: 35.650 ng

RT: 3.281 min Scan# 33

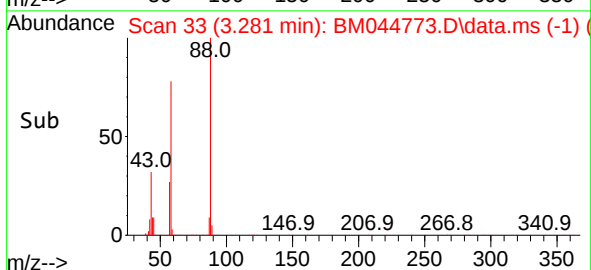
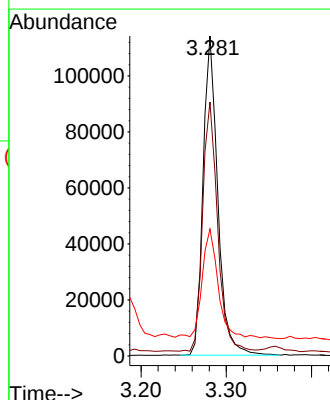
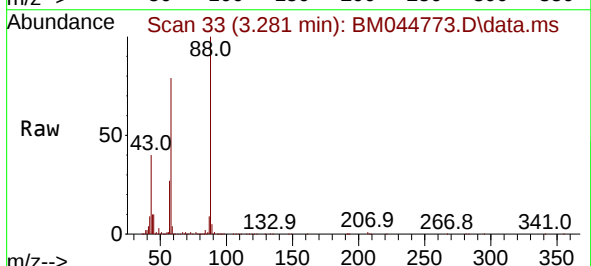
Delta R.T. -0.012 min

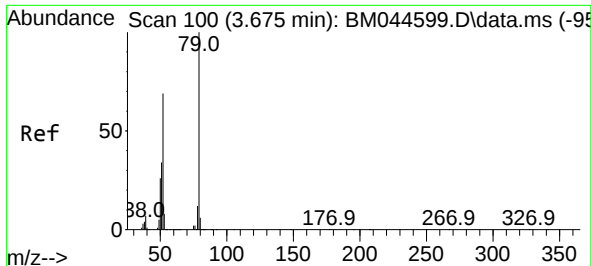
Lab File: BM044773.D

Acq: 26 Mar 2024 17:50

Tgt Ion: 88 Resp: 136876

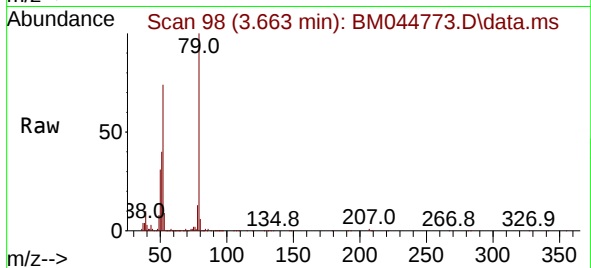
Ion	Ratio	Lower	Upper
88	100		
58	79.2	60.2	90.2
43	38.6	23.5	35.3





#3
Pyridine
Concen: 34.430 ng
RT: 3.663 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

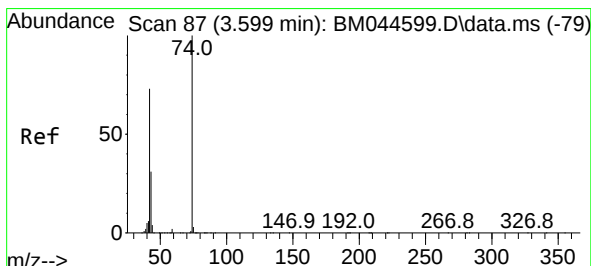
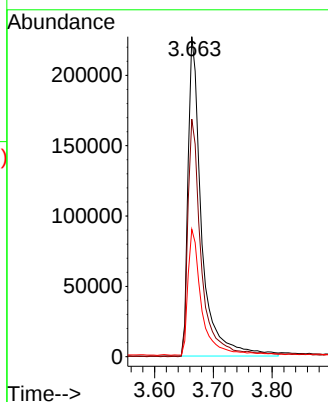
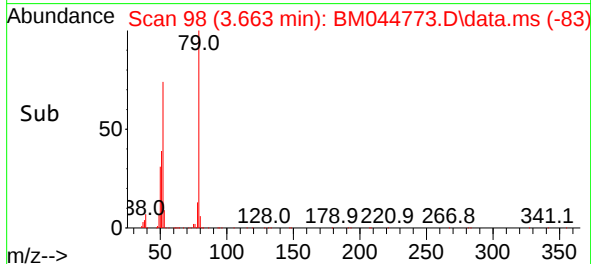
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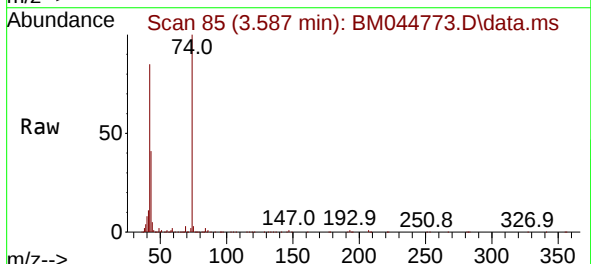
Tgt Ion: 79 Resp: 36556
Ion Ratio Lower Upper
79 100
52 74.2 55.5 83.3
51 39.8 27.7 41.5

Manual Integrations
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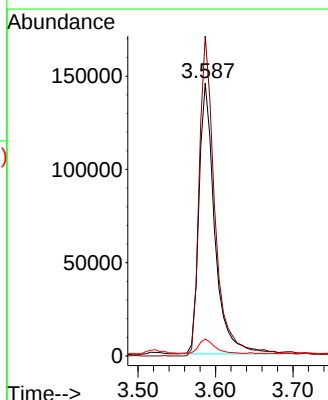
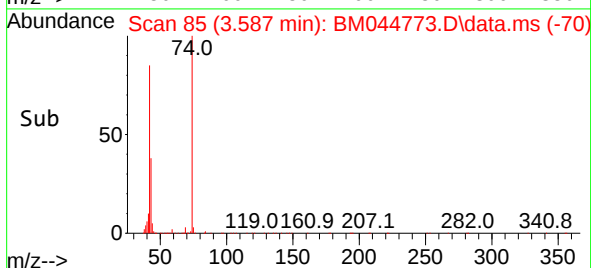
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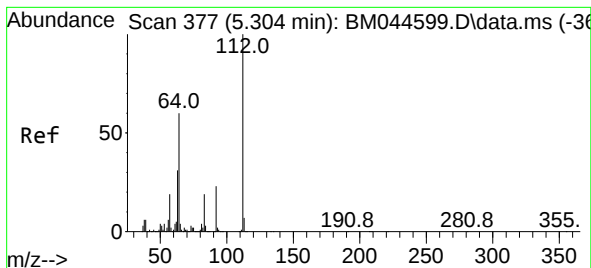


#4
n-Nitrosodimethylamine
Concen: 48.234 ng
RT: 3.587 min Scan# 85
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50



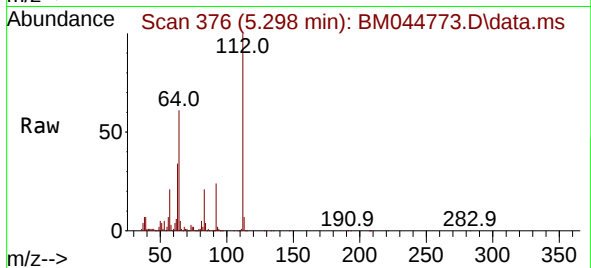
Tgt Ion: 42 Resp: 205237
Ion Ratio Lower Upper
42 100
74 117.3 109.7 164.5
44 6.2 5.4 8.0





#5
2-Fluorophenol
Concen: 89.428 ng
RT: 5.298 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

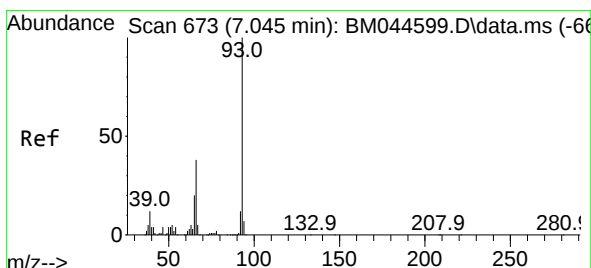
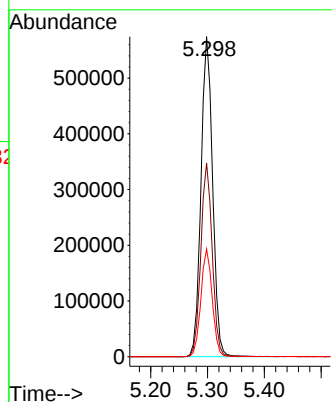
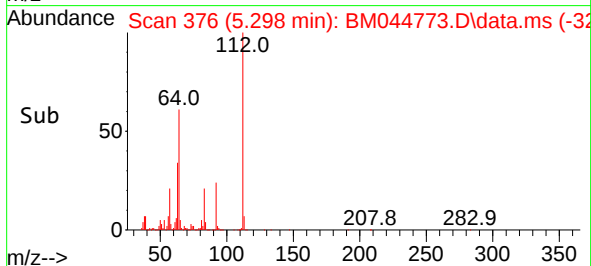
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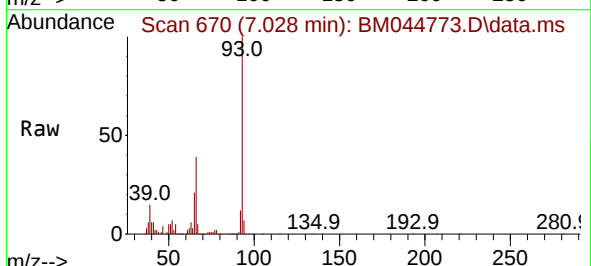
Tgt Ion:112 Resp: 81687
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 33.7 25.0 37.4

Manual Integrations
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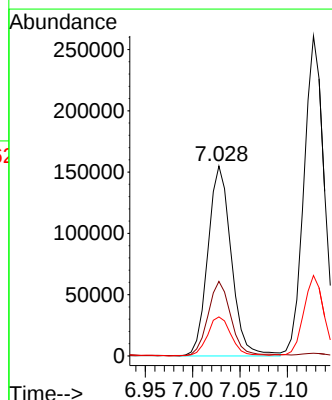
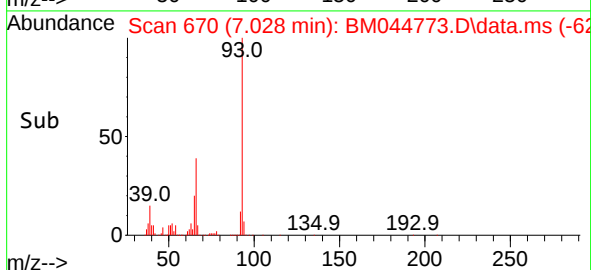
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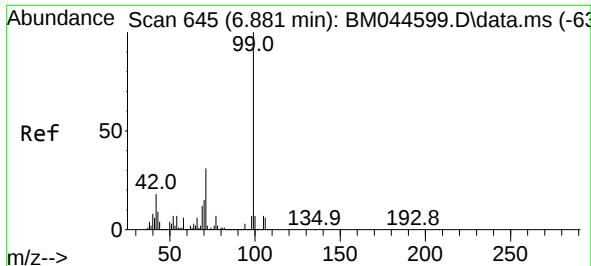


#6
Aniline
Concen: 19.133 ng
RT: 7.028 min Scan# 670
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50



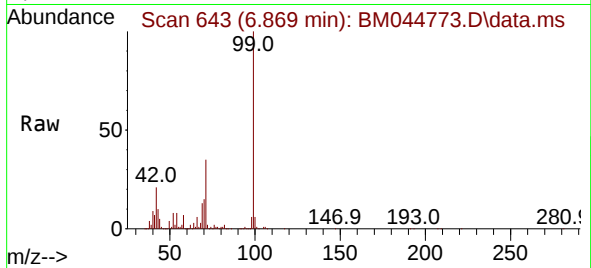
Tgt Ion: 93 Resp: 266300
Ion Ratio Lower Upper
93 100
66 39.3 30.3 45.5
65 20.6 15.7 23.5





#7
Phenol-d6
Concen: 86.703 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

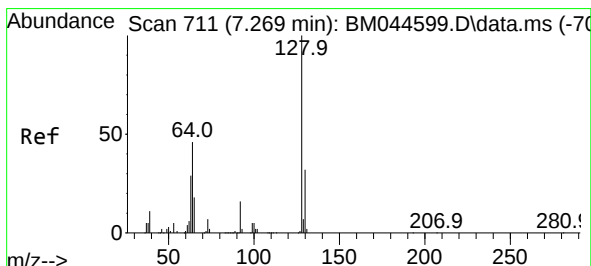
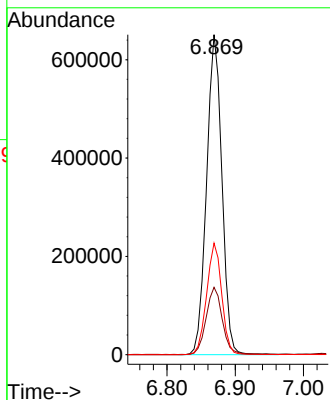
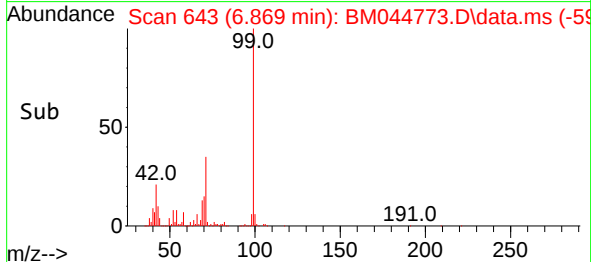
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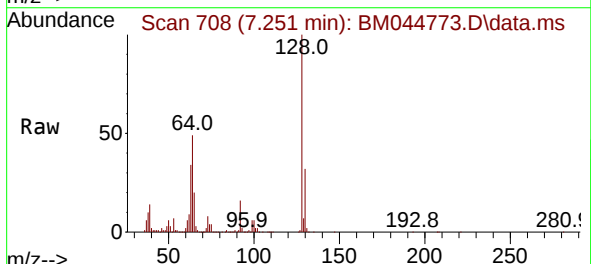
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Ion Ratio Lower Upper
99 100
42 21.1 14.3 21.5
71 34.9 24.5 36.7

Manual Integrations
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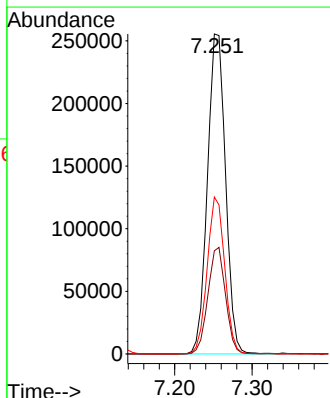
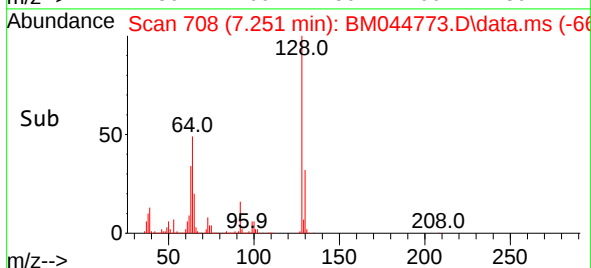
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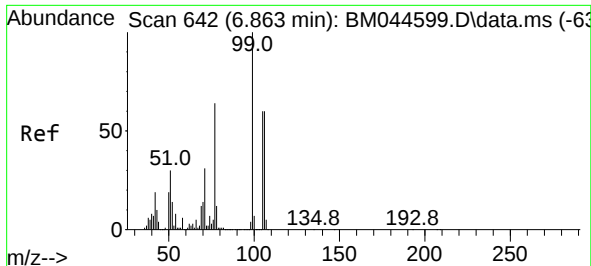


#8
2-Chlorophenol
Concen: 45.635 ng
RT: 7.251 min Scan# 708
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50



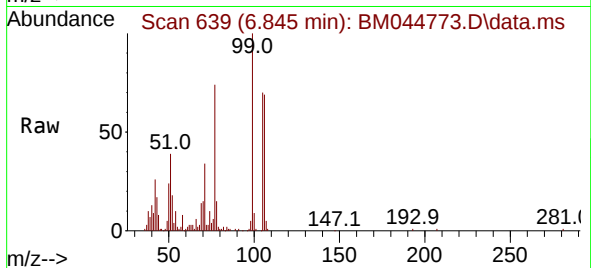
Tgt Ion:128 Resp: 415196
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 49.0 29.4 69.4





#9
Benzaldehyde
Concen: 10.755 ng m
RT: 6.845 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

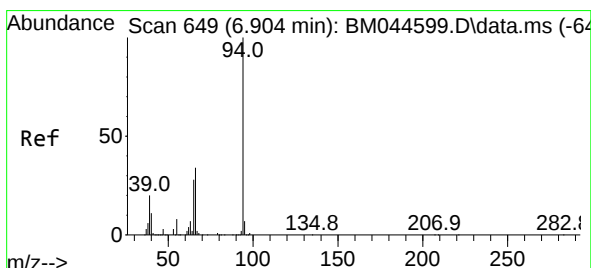
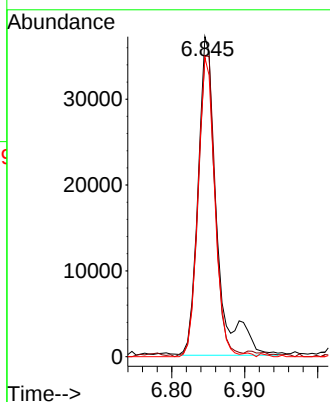
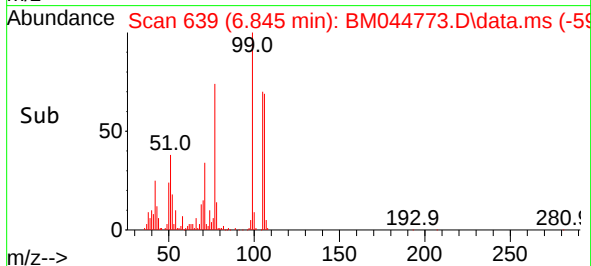
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 77 Resp: 6619
Ion Ratio Lower Upper
77 100
105 93.9 74.4 114.4
106 93.5 74.1 114.1

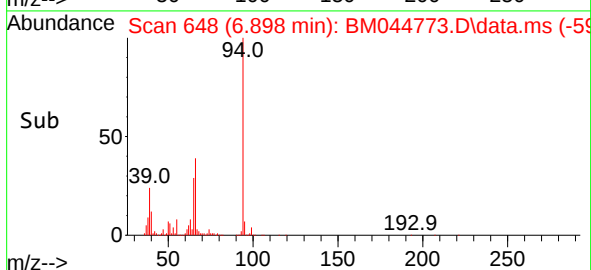
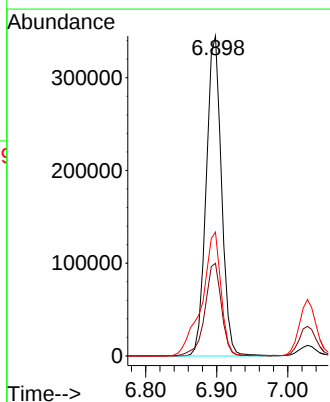
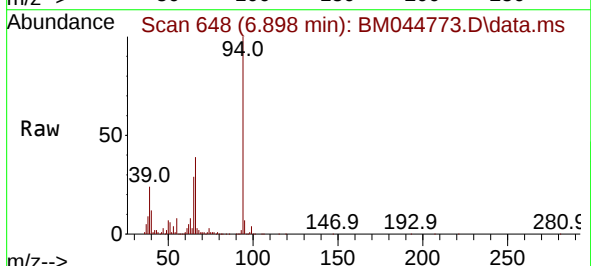
Manual Integrations
APPROVED

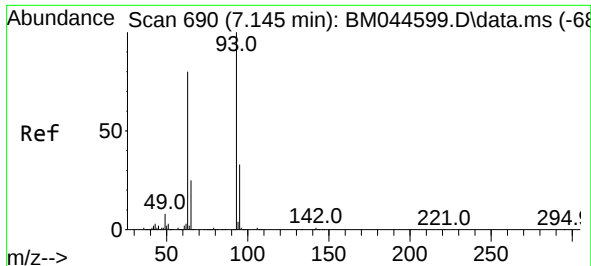
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#10
Phenol
Concen: 43.995 ng
RT: 6.898 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

Tgt Ion: 94 Resp: 516334
Ion Ratio Lower Upper
94 100
65 29.0 7.9 47.9
66 38.7 14.7 54.7





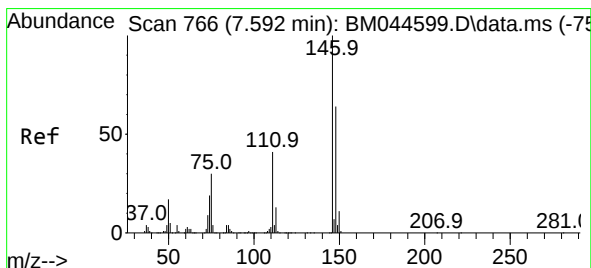
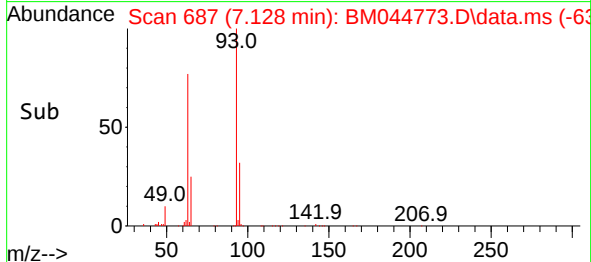
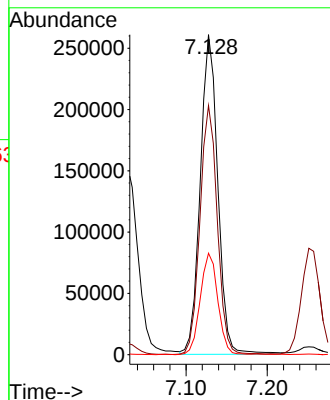
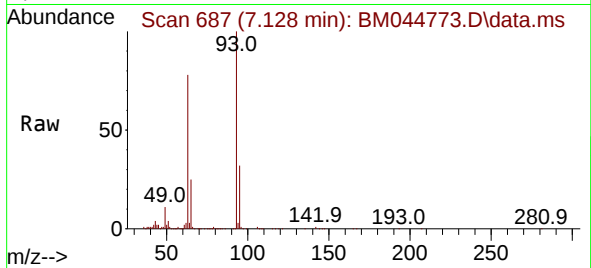
#11
bis(2-Chloroethyl)ether
Concen: 40.943 ng
RT: 7.128 min Scan# 687
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD

Tgt Ion: 93 Resp: 39233
Ion Ratio Lower Upper
93 100
63 77.9 59.8 99.8
95 31.7 12.5 52.5

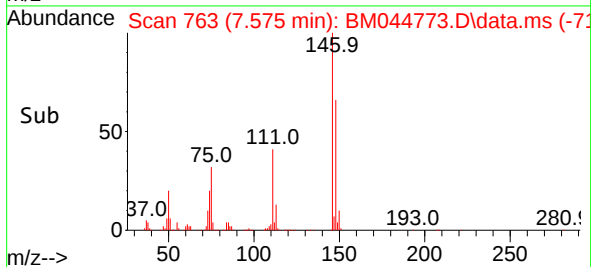
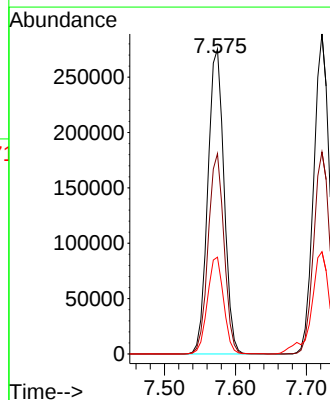
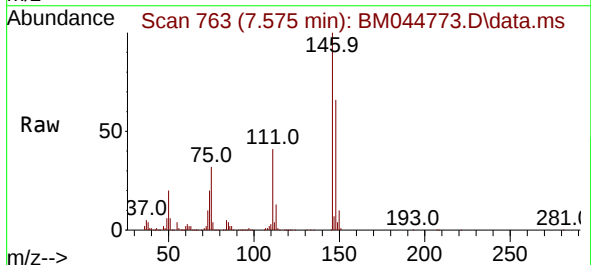
Manual Integrations
APPROVED

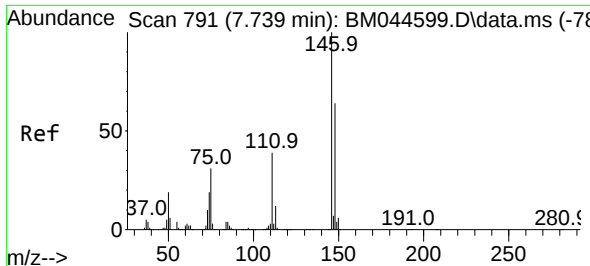
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#12
1,3-Dichlorobenzene
Concen: 44.597 ng
RT: 7.575 min Scan# 763
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

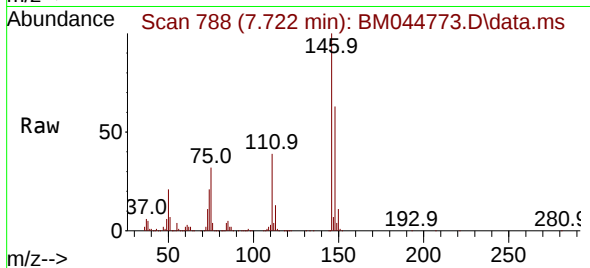
Tgt Ion:146 Resp: 436283
Ion Ratio Lower Upper
146 100
148 65.7 50.9 76.3
75 31.7 24.1 36.1





#13
1,4-Dichlorobenzene
Concen: 45.233 ng
RT: 7.722 min Scan# 77
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

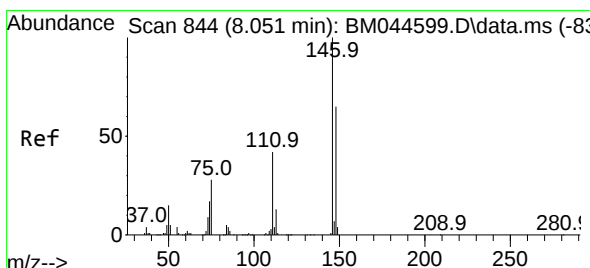
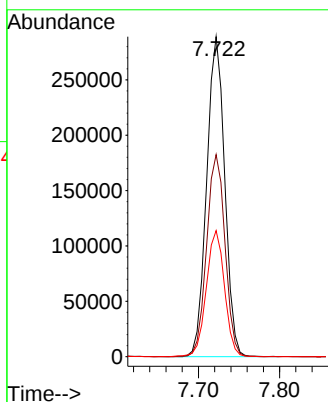
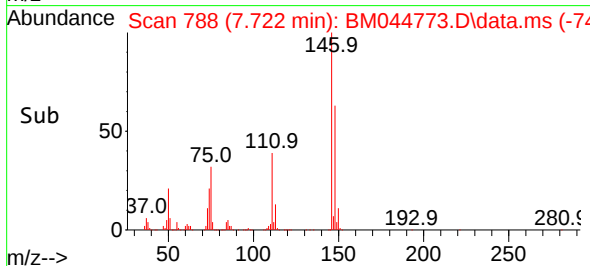
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



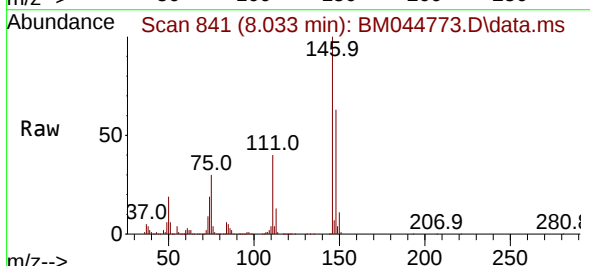
Tgt Ion:146 Resp: 44598
Ion Ratio Lower Upper
146 100
148 63.2 51.5 77.3
111 39.4 31.4 47.2

Manual Integrations
APPROVED

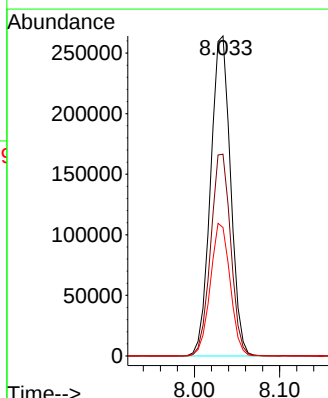
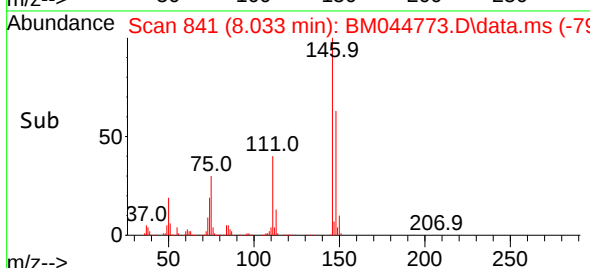
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024

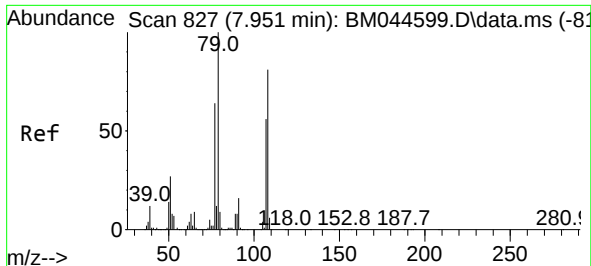


#14
1,2-Dichlorobenzene
Concen: 45.786 ng
RT: 8.033 min Scan# 841
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50



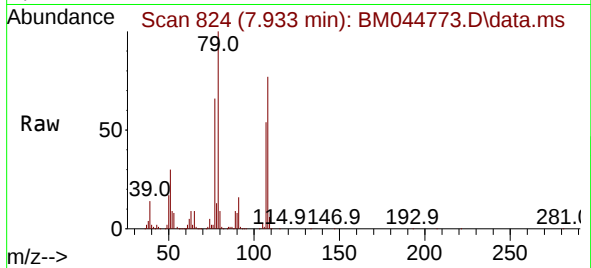
Tgt Ion:146 Resp: 430513
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.8
111 40.2 33.4 50.2





#15
Benzyl Alcohol
Concen: 44.678 ng
RT: 7.933 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

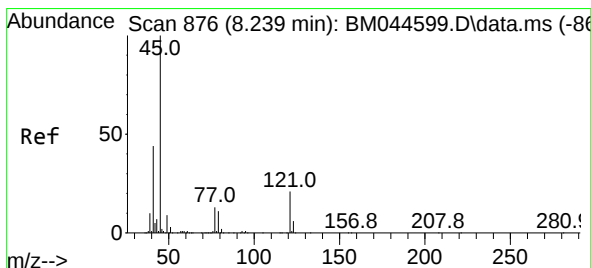
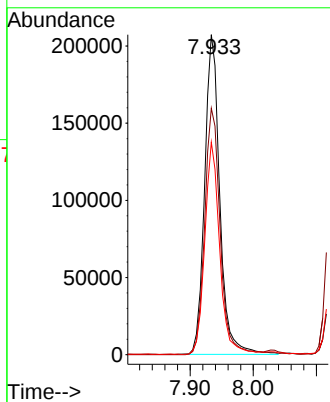
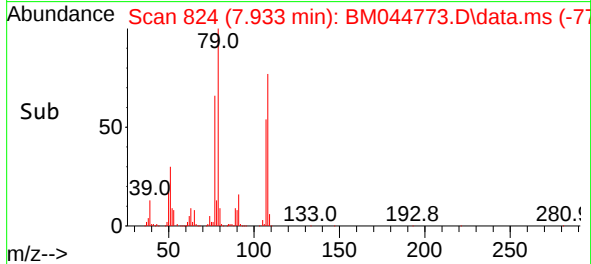
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion: 79 Resp: 345180
Ion Ratio Lower Upper
79 100
108 77.0 65.0 97.6
77 66.4 51.7 77.5

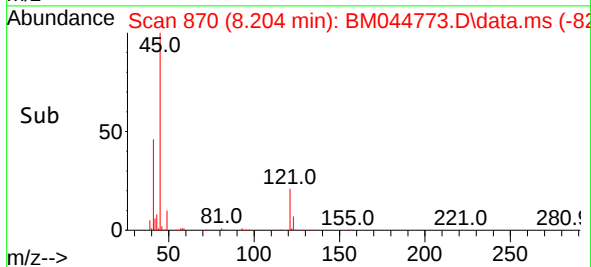
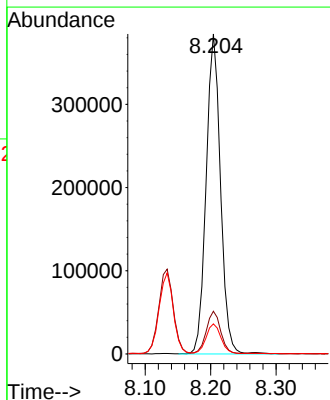
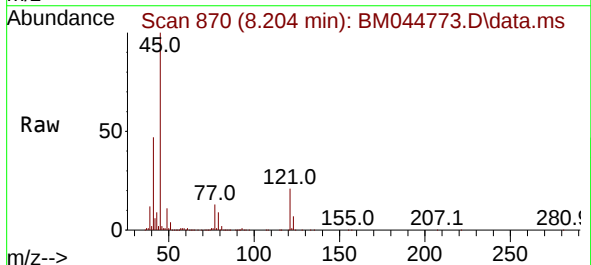
Manual Integrations
APPROVED

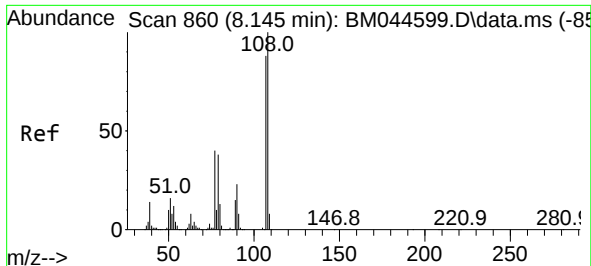
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.095 ng m
RT: 8.204 min Scan# 870
Delta R.T. -0.035 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

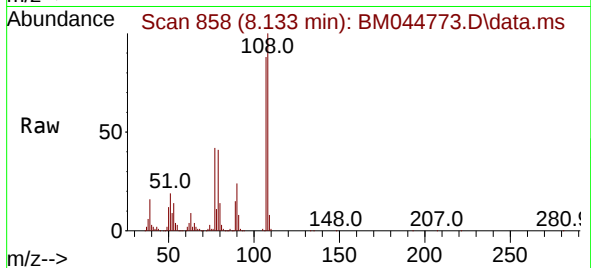
Tgt Ion: 45 Resp: 585821
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.7
79 9.4 0.0 31.2





#17
2-Methylphenol
Concen: 40.945 ng
RT: 8.133 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

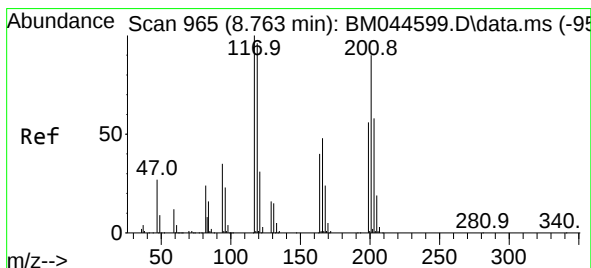
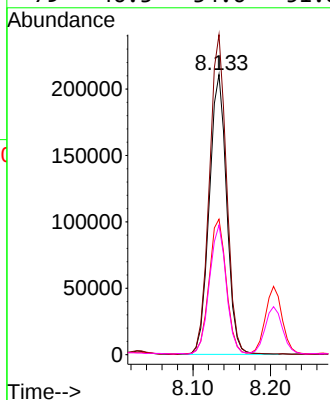
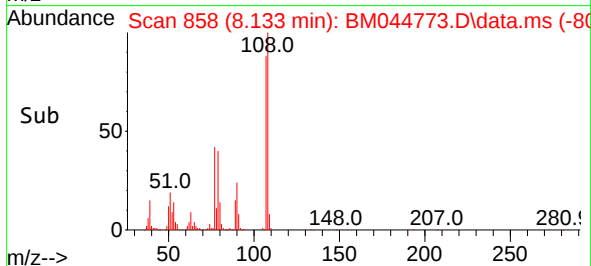
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion:	107	Resp:	327730
Ion	Ratio	Lower	Upper
107	100		
108	114.2	90.7	136.1
77	48.4	36.2	54.2
79	46.3	34.6	51.8

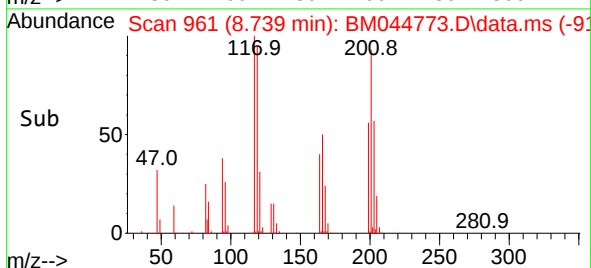
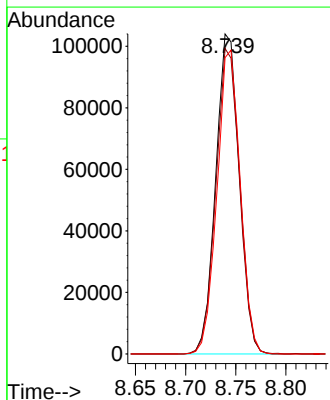
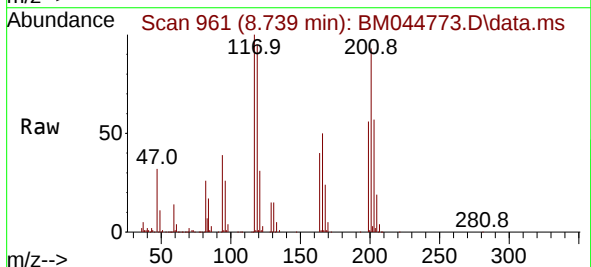
Manual Integrations
APPROVED

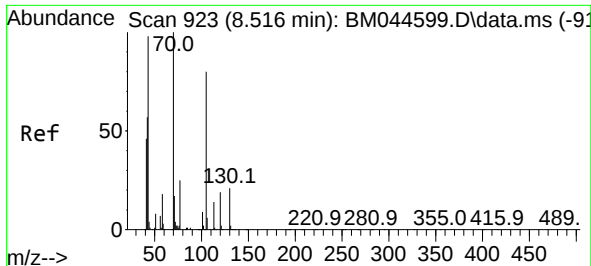
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#18
Hexachloroethane
Concen: 46.781 ng
RT: 8.739 min Scan# 961
Delta R.T. -0.024 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

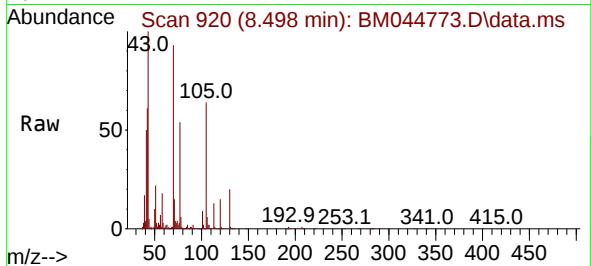
Tgt Ion:	117	Resp:	170518
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.8	115.2
201	92.6	72.3	108.5





#19
n-Nitroso-di-n-propylamine
Concen: 40.389 ng
RT: 8.498 min Scan# 911
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

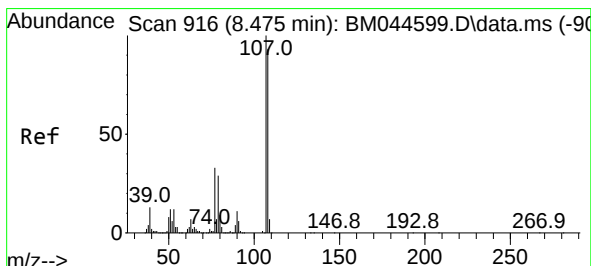
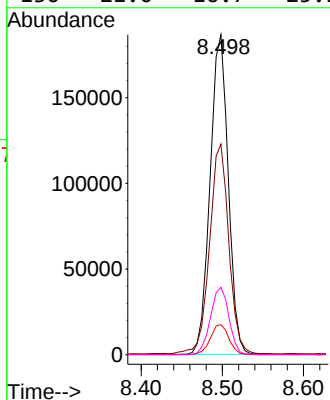
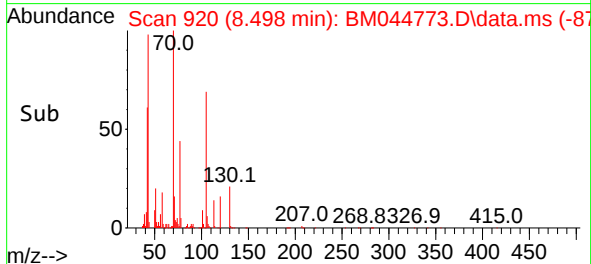
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



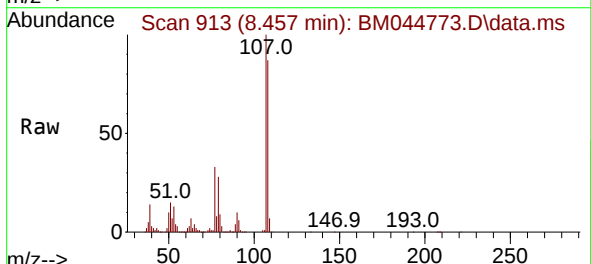
Tgt Ion: 70 Resp: 28985
Ion Ratio Lower Upper
70 100
42 65.8 46.6 69.8
101 9.4 7.6 11.4
130 21.0 16.7 25.1

Manual Integrations
APPROVED

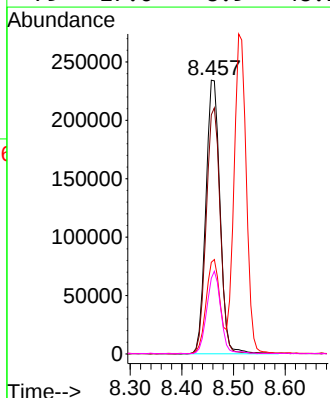
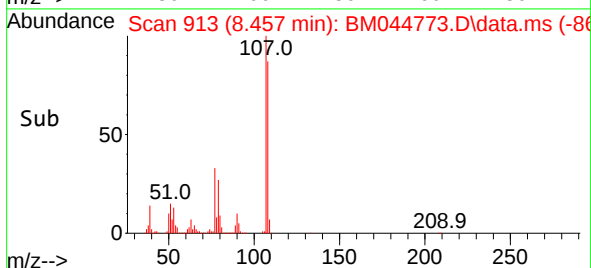
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024

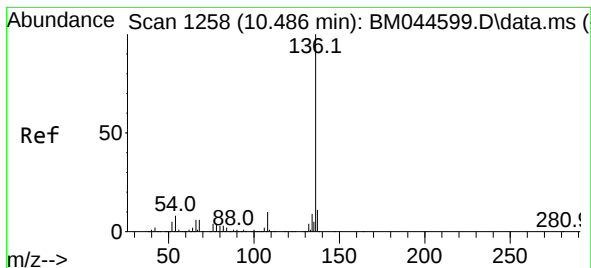


#20
3+4-Methylphenols
Concen: 41.400 ng
RT: 8.457 min Scan# 913
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50



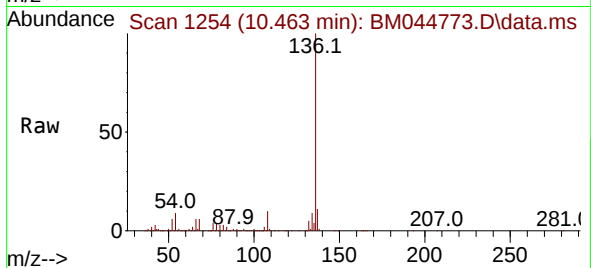
Tgt Ion:107 Resp: 447181
Ion Ratio Lower Upper
107 100
108 87.4 72.7 112.7
77 33.5 13.3 53.3
79 27.6 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

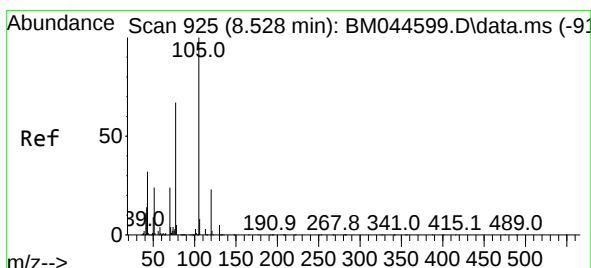
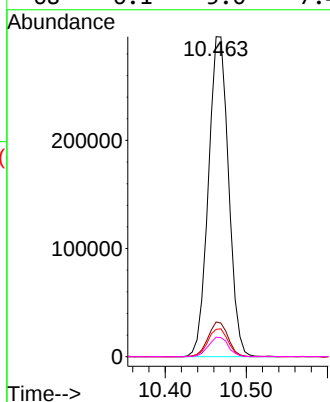
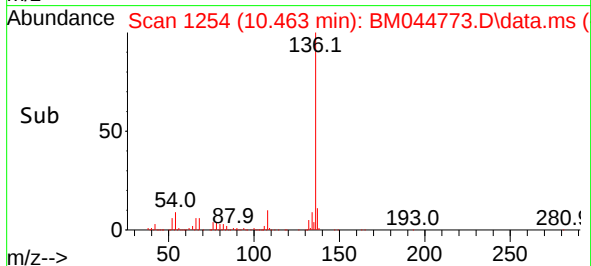
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion:136 Resp: 510324
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.5 6.6 10.0
68 6.1 5.0 7.4

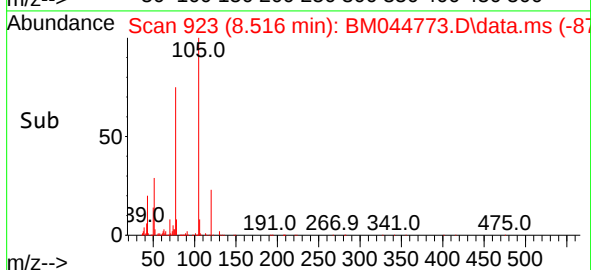
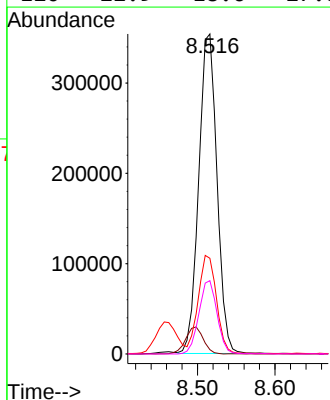
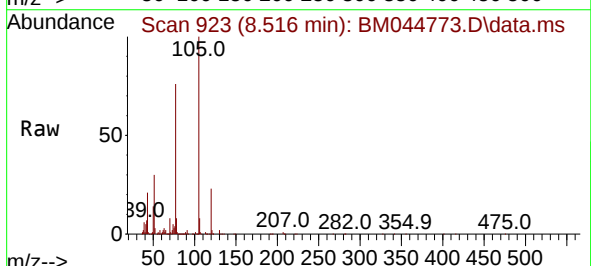
Manual Integrations
APPROVED

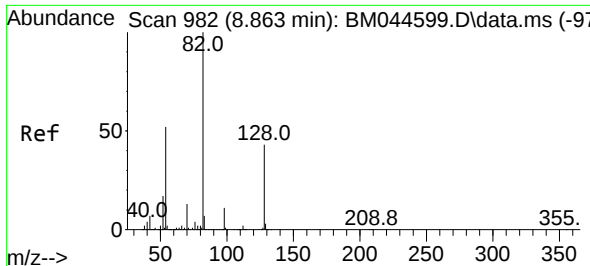
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#22
Acetophenone
Concen: 43.182 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

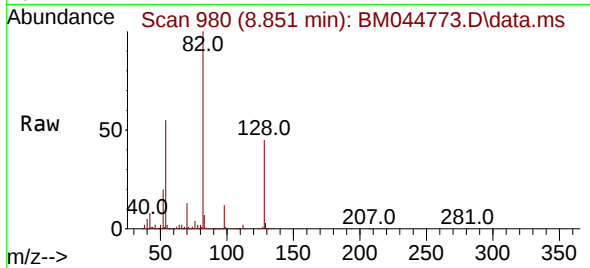
Tgt Ion:105 Resp: 578946
Ion Ratio Lower Upper
105 100
71 1.3 3.4 5.2#
51 29.9 22.2 33.4
120 22.9 18.6 27.8





#23
Nitrobenzene-d5
Concen: 59.282 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

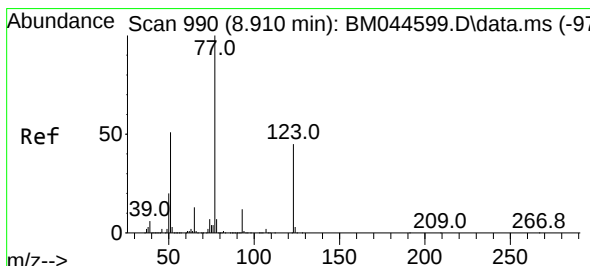
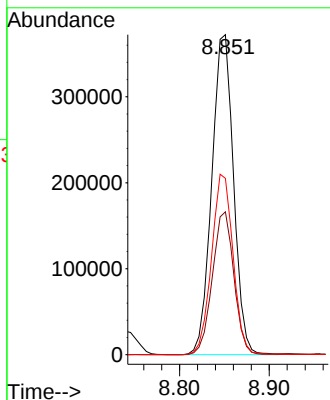
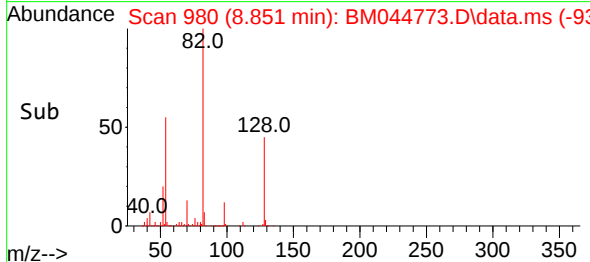
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion: 82 Resp: 62797
Ion Ratio Lower Upper
82 100
128 44.6 34.2 51.4
54 55.1 41.3 61.9

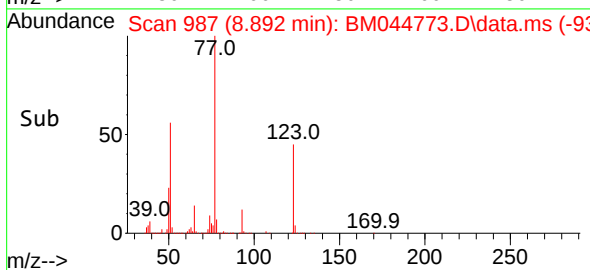
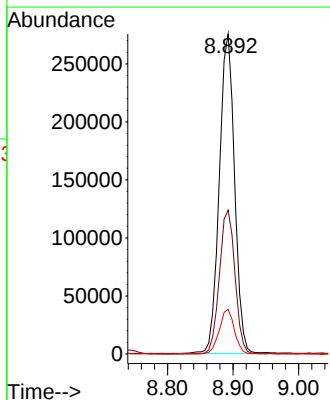
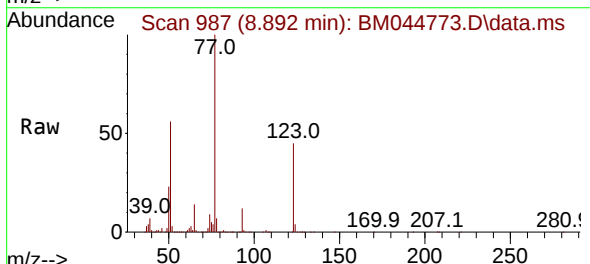
Manual Integrations
APPROVED

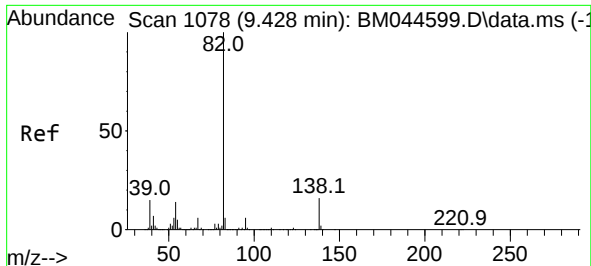
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#24
Nitrobenzene
Concen: 42.445 ng
RT: 8.892 min Scan# 987
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

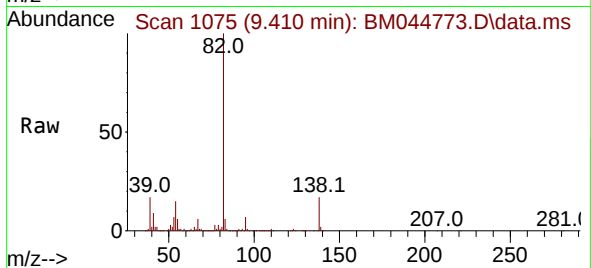
Tgt Ion: 77 Resp: 444455
Ion Ratio Lower Upper
77 100
123 45.0 35.9 53.9
65 14.0 10.7 16.1





#25
Isophorone
Concen: 43.496 ng
RT: 9.410 min Scan# 1075
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

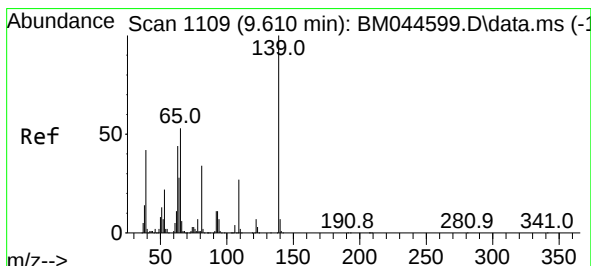
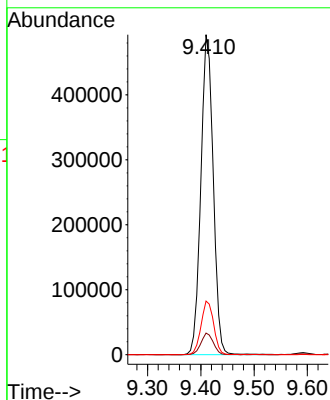
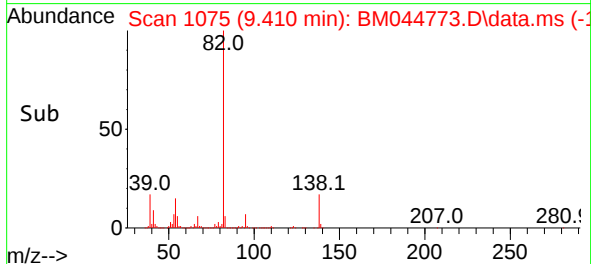
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion: 82 Resp: 794970
Ion Ratio Lower Upper
82 100
95 6.8 4.9 7.3
138 16.7 12.9 19.3

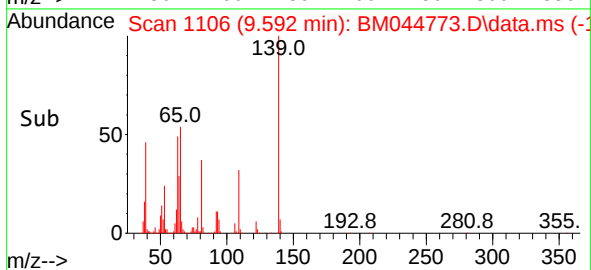
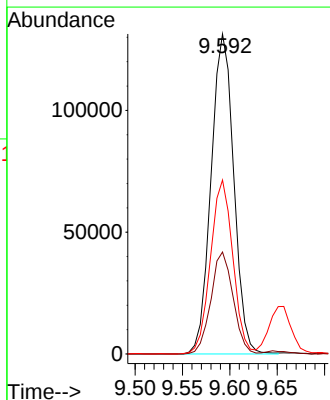
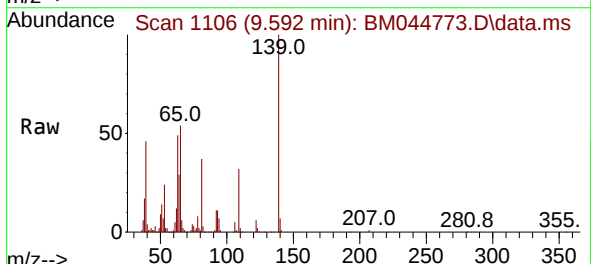
Manual Integrations
APPROVED

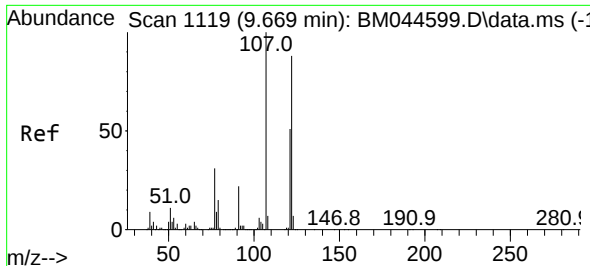
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#26
2-Nitrophenol
Concen: 48.460 ng
RT: 9.592 min Scan# 1106
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

Tgt Ion:139 Resp: 218962
Ion Ratio Lower Upper
139 100
109 31.9 21.2 31.8#
65 54.4 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 34.854 ng

RT: 9.657 min Scan# 1117

Delta R.T. -0.012 min

Lab File: BM044773.D

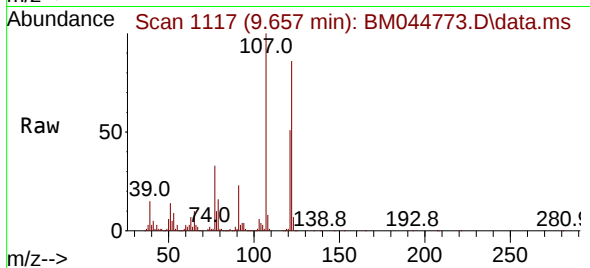
Acq: 26 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MSD



Tgt Ion:122 Resp: 27695

Ion Ratio Lower Upper

122 100

107 116.1 90.5 135.7

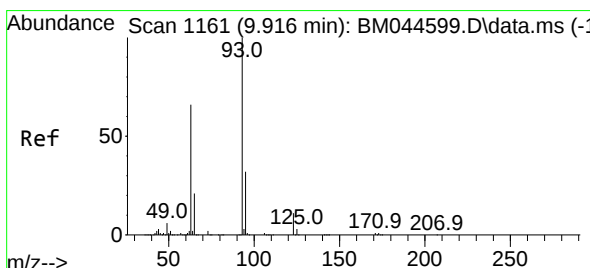
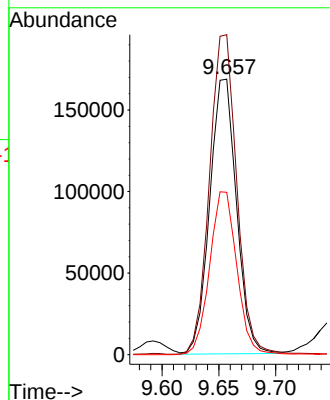
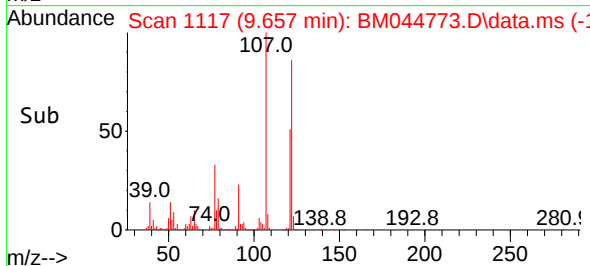
121 58.9 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/27/2024

Supervised By :mohammad ahmed 03/28/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.853 ng

RT: 9.898 min Scan# 1158

Delta R.T. -0.018 min

Lab File: BM044773.D

Acq: 26 Mar 2024 17:50

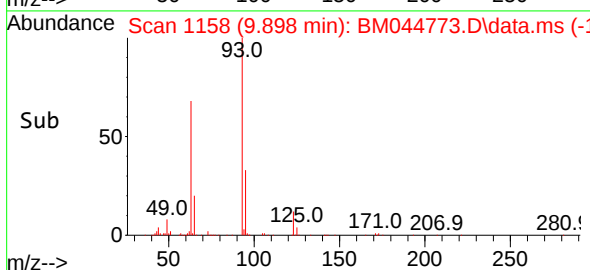
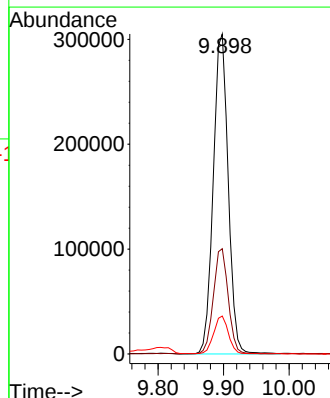
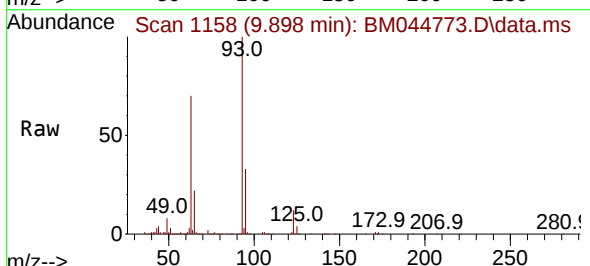
Tgt Ion: 93 Resp: 483693

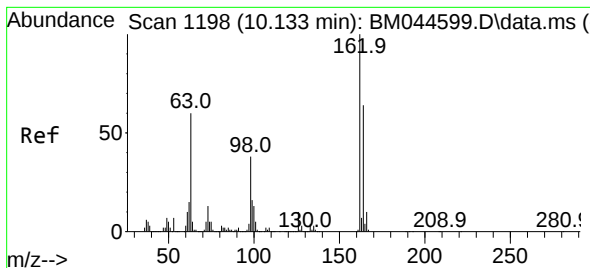
Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.6

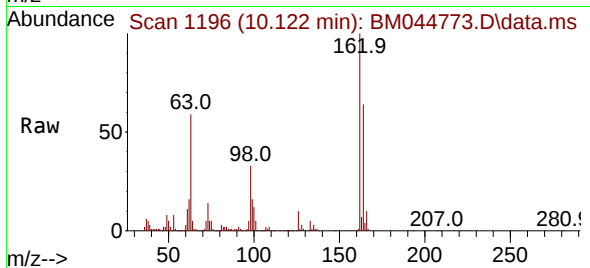
123 11.8 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 47.755 ng
RT: 10.122 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

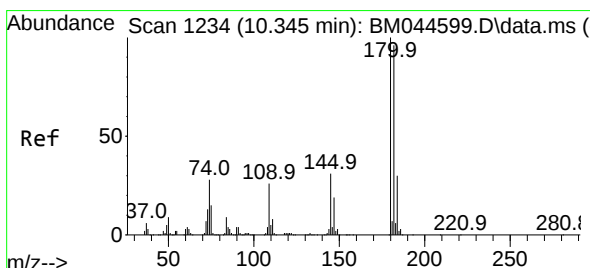
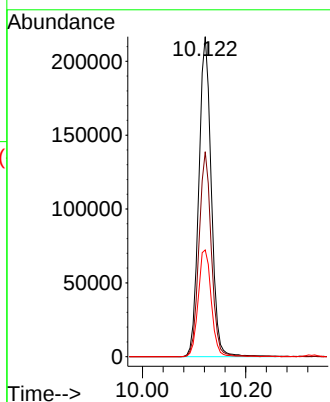
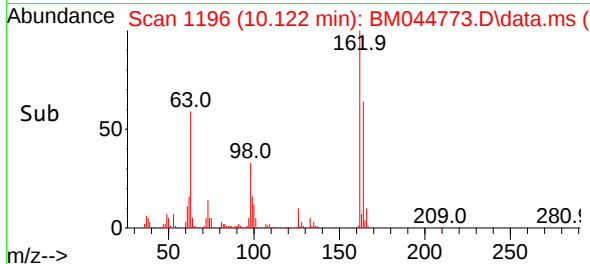
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



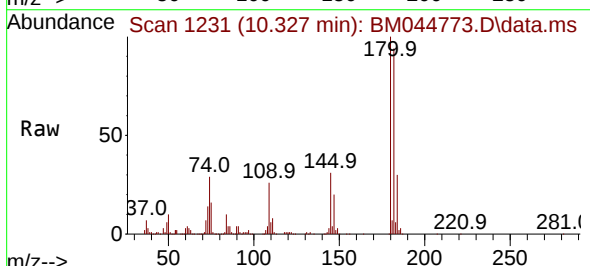
Tgt Ion:162 Resp: 361660
Ion Ratio Lower Upper
162 100
164 64.0 44.1 84.1
98 33.4 18.0 58.0

Manual Integrations
APPROVED

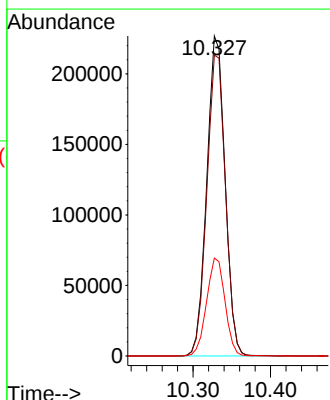
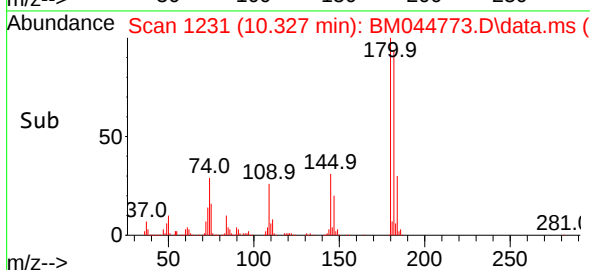
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024

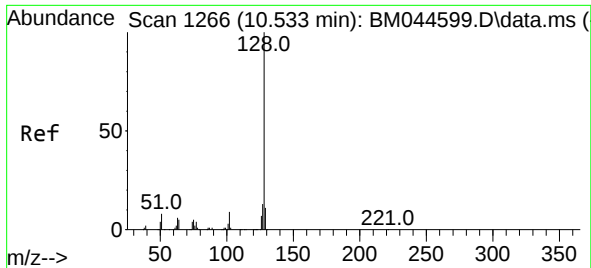


#30
1,2,4-Trichlorobenzene
Concen: 46.229 ng
RT: 10.327 min Scan# 1231
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50



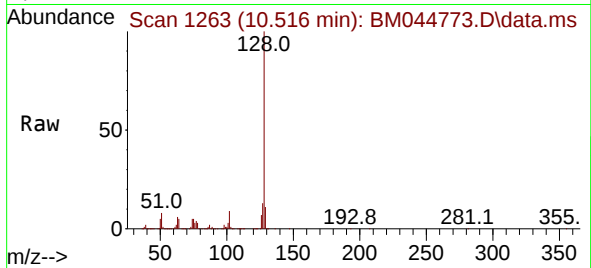
Tgt Ion:180 Resp: 372451
Ion Ratio Lower Upper
180 100
182 94.0 76.6 115.0
145 30.6 24.6 36.8





#31
Naphthalene
Concen: 42.757 ng
RT: 10.516 min Scan# 1197510
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

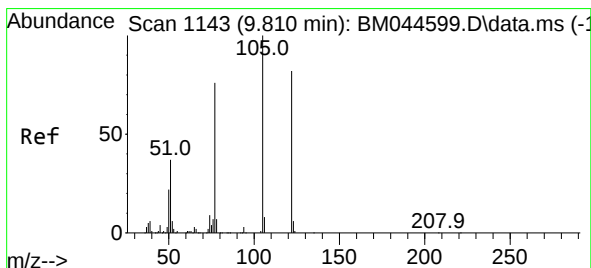
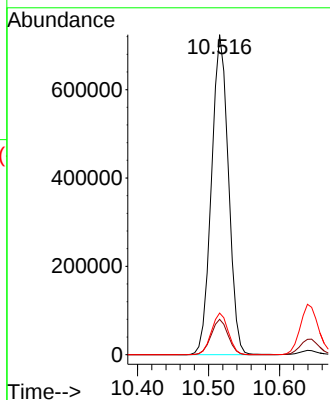
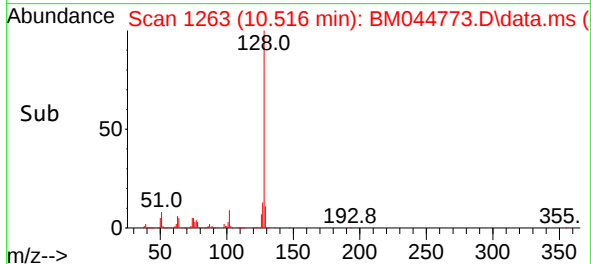
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion:128 Resp: 1197510
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.2 15.4

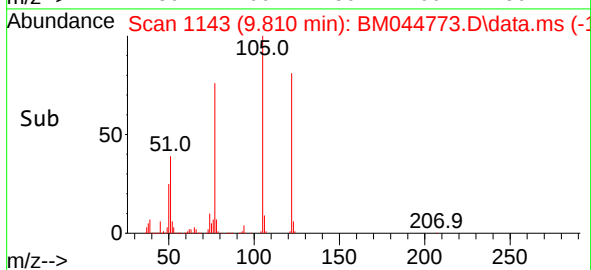
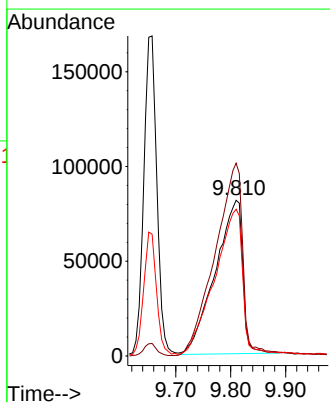
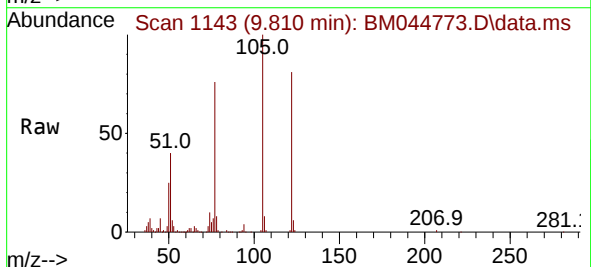
Manual Integrations
APPROVED

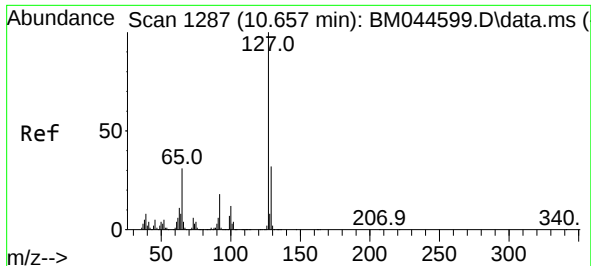
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#32
Benzoic acid
Concen: 44.688 ng
RT: 9.810 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

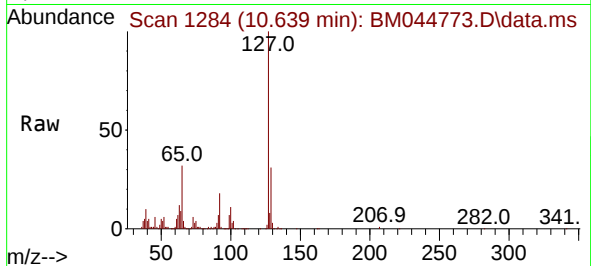
Tgt Ion:122 Resp: 281674
Ion Ratio Lower Upper
122 100
105 123.8 100.0 140.0
77 94.3 72.5 112.5





#33
4-Chloroaniline
Concen: 18.045 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

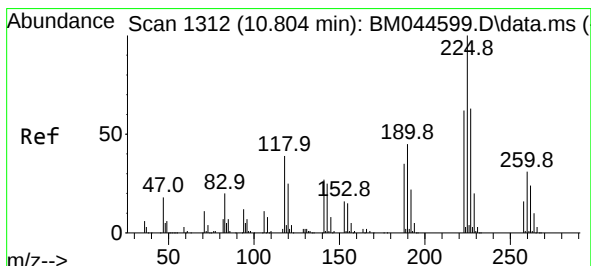
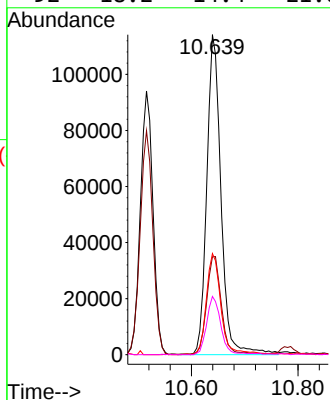
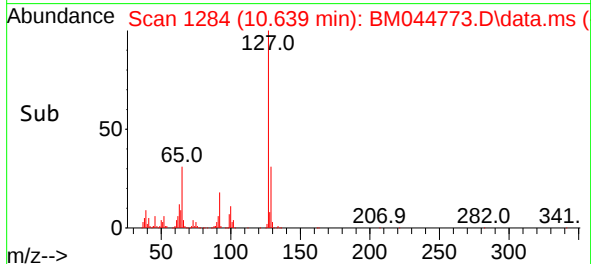
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion:127 Resp: 212010
Ion Ratio Lower Upper
127 100
129 30.6 25.6 38.4
65 31.6 25.1 37.7
92 18.2 14.4 21.6

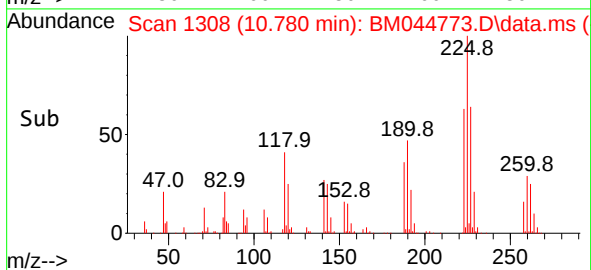
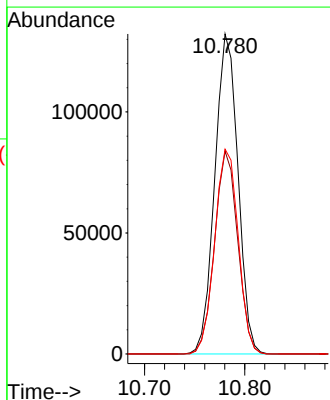
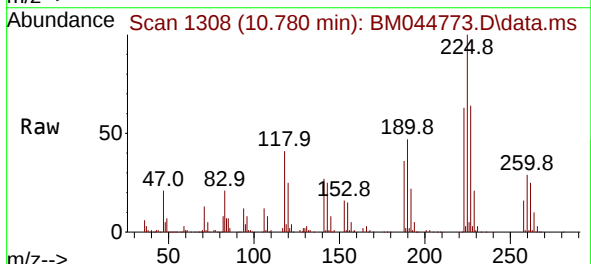
Manual Integrations
APPROVED

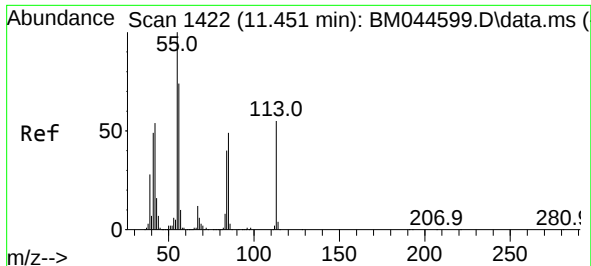
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#34
Hexachlorobutadiene
Concen: 47.193 ng
RT: 10.780 min Scan# 1308
Delta R.T. -0.024 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

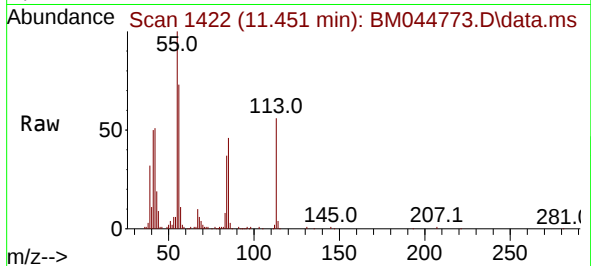
Tgt Ion:225 Resp: 211997
Ion Ratio Lower Upper
225 100
223 63.4 49.9 74.9
227 64.0 50.6 75.8





#35
Caprolactam
Concen: 48.062 ng m
RT: 11.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

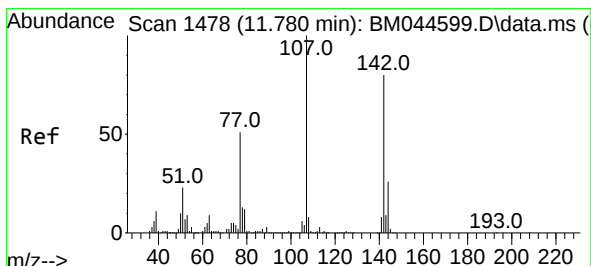
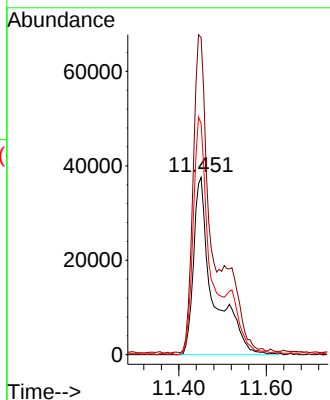
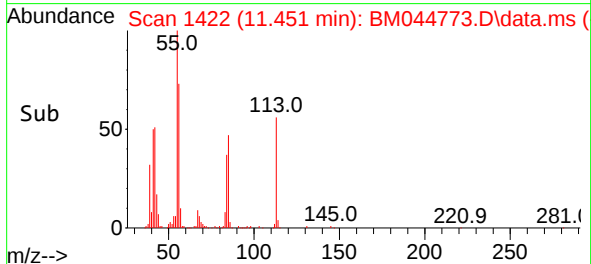
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion:113 Resp: 117412
Ion Ratio Lower Upper
113 100
55 178.8 161.1 201.1
56 130.2 113.2 153.2

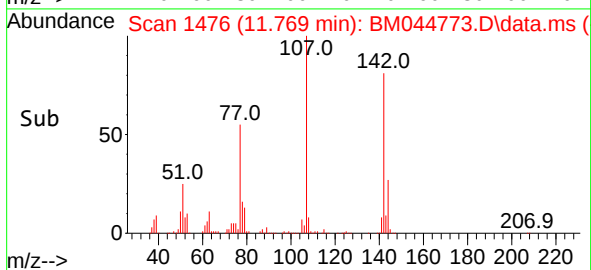
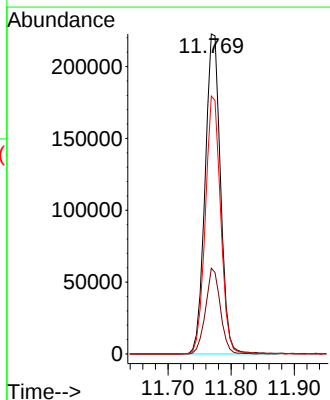
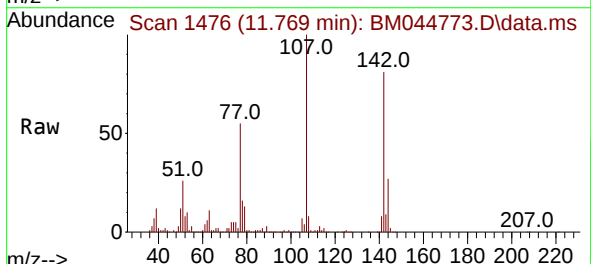
Manual Integrations
APPROVED

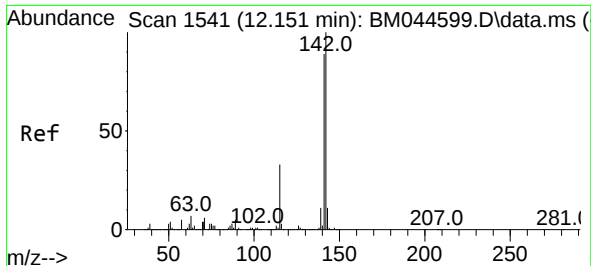
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#36
4-Chloro-3-methylphenol
Concen: 45.502 ng
RT: 11.769 min Scan# 1476
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

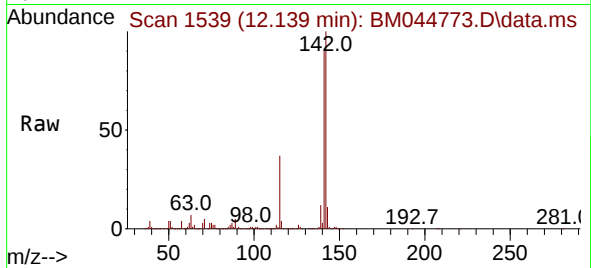
Tgt Ion:107 Resp: 378135
Ion Ratio Lower Upper
107 100
144 26.8 20.8 31.2
142 80.6 63.8 95.8





#37
2-Methylnaphthalene
Concen: 40.937 ng
RT: 12.139 min Scan# 1539
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

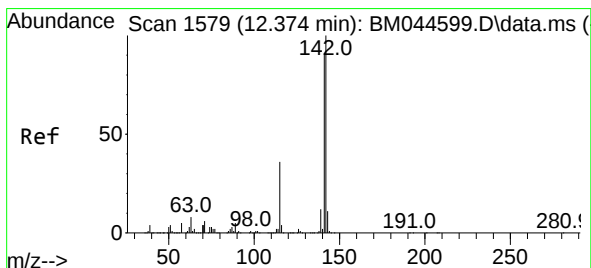
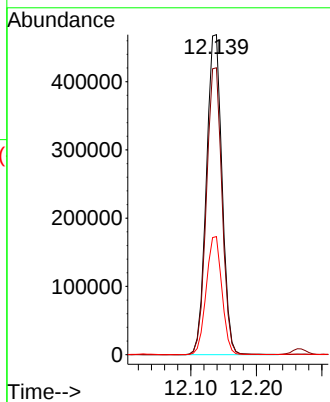
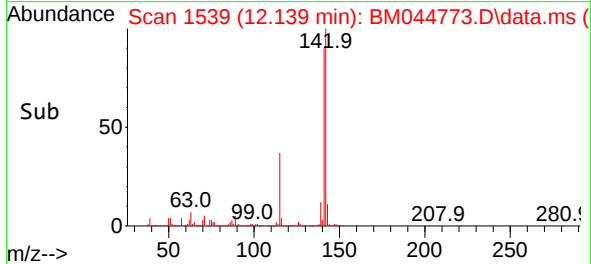
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion:142 Resp: 778180
Ion Ratio Lower Upper
142 100
141 89.6 71.0 106.6
115 36.9 26.6 40.0

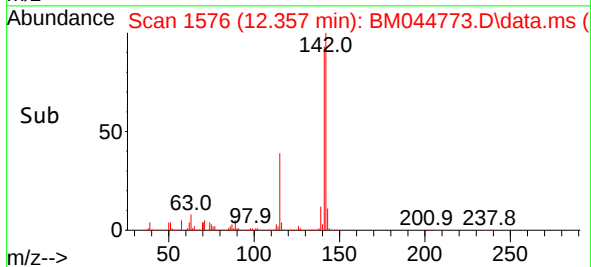
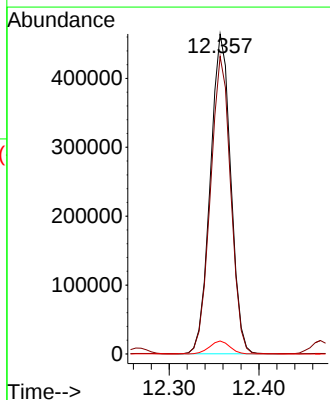
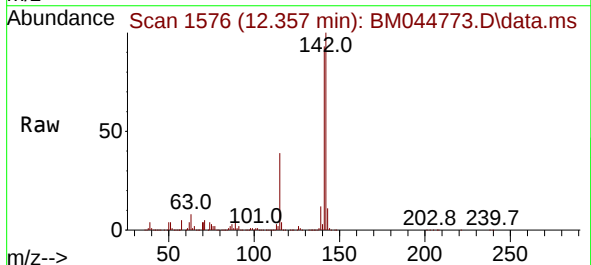
Manual Integrations
APPROVED

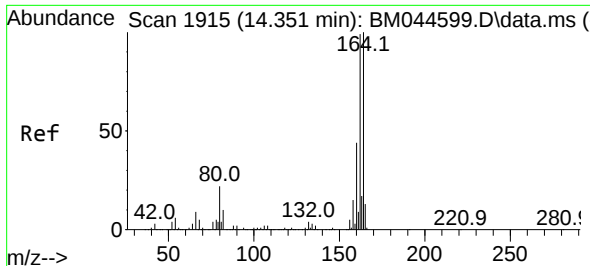
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#38
1-Methylnaphthalene
Concen: 41.373 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

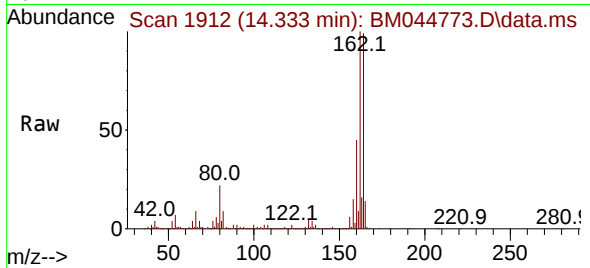
Tgt Ion:142 Resp: 732975
Ion Ratio Lower Upper
142 100
141 93.0 72.9 109.3
116 4.1 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1915
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

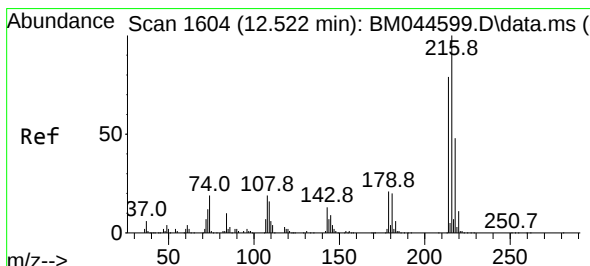
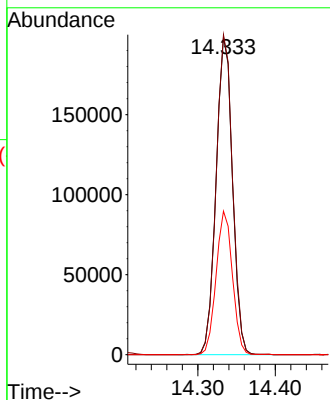
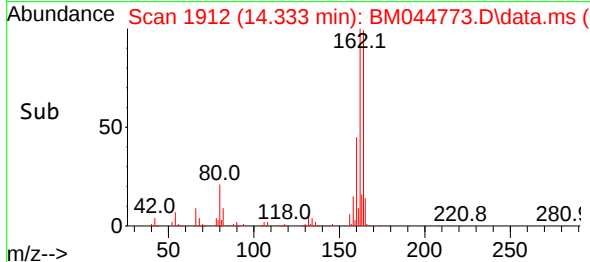
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion:164 Resp: 291710
Ion Ratio Lower Upper
164 100
162 100.7 79.3 118.9
160 45.2 35.2 52.8

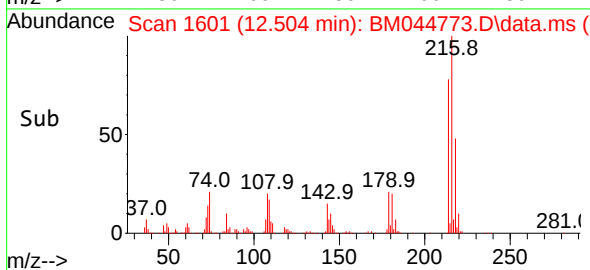
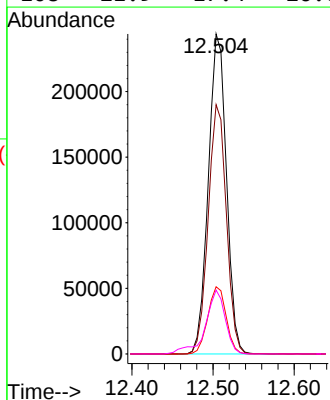
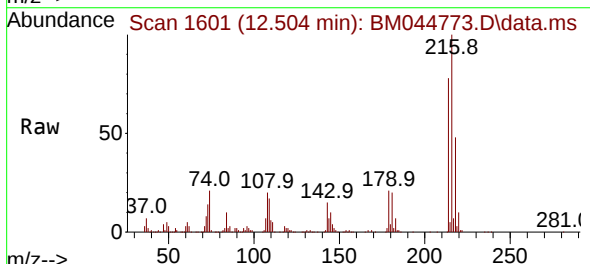
Manual Integrations
APPROVED

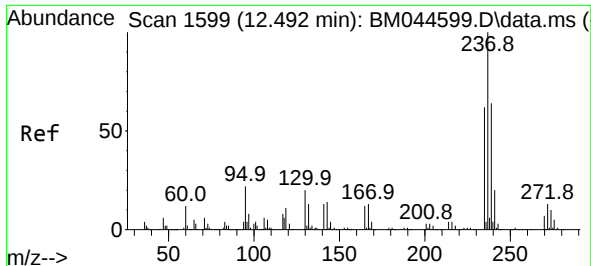
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.653 ng
RT: 12.504 min Scan# 1601
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

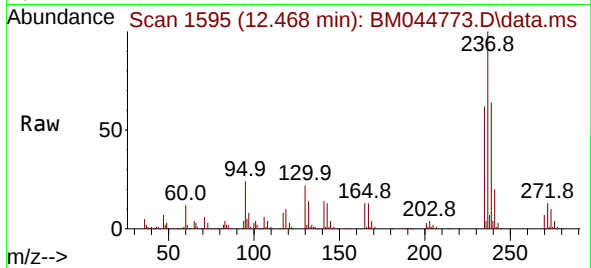
Tgt Ion:216 Resp: 377917
Ion Ratio Lower Upper
216 100
214 78.3 62.9 94.3
179 21.2 16.9 25.3
108 21.9 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 45.266 ng
RT: 12.468 min Scan# 1595
Delta R.T. -0.024 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

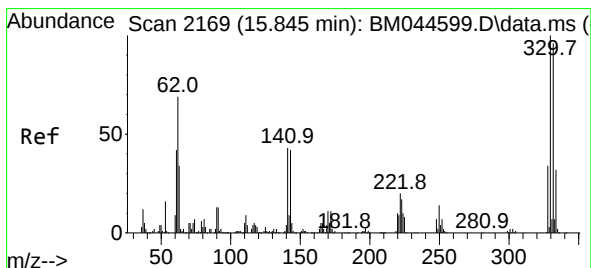
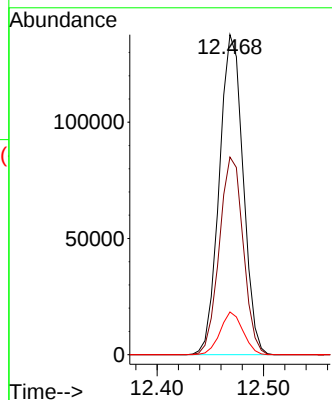
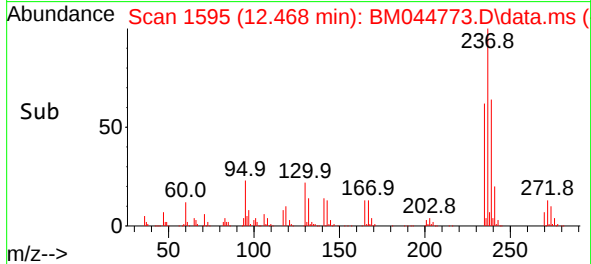
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



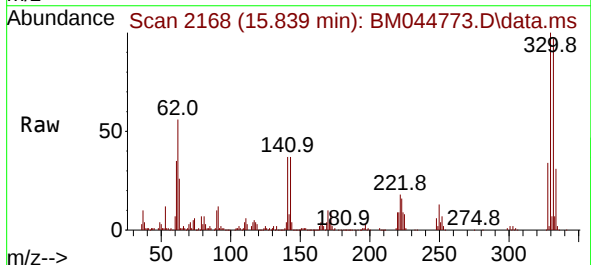
Tgt Ion:237 Resp: 213469
Ion Ratio Lower Upper
237 100
235 61.8 42.1 82.1
272 13.4 0.0 33.1

Manual Integrations
APPROVED

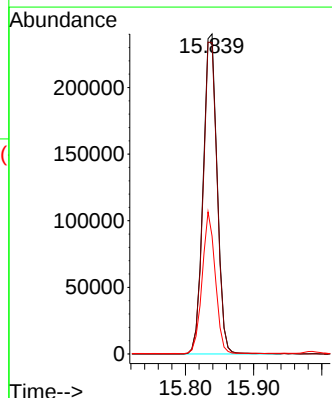
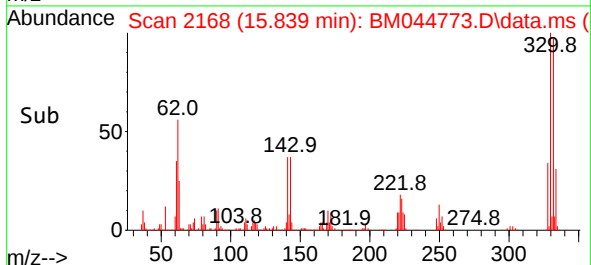
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024

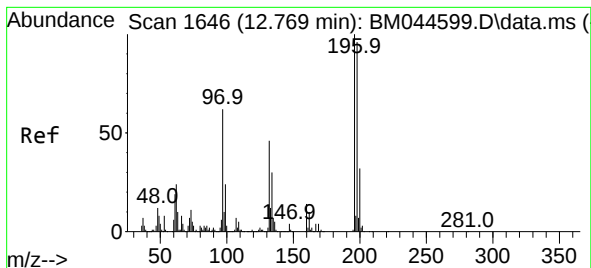


#42
2,4,6-Tribromophenol
Concen: 106.543 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50



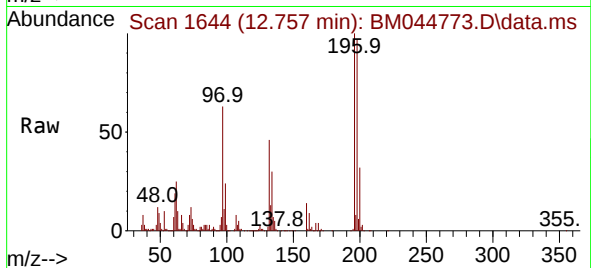
Tgt Ion:330 Resp: 342798
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 41.5 33.4 50.0





#43
2,4,6-Trichlorophenol
Concen: 48.197 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

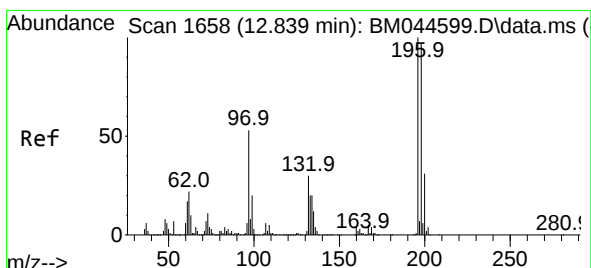
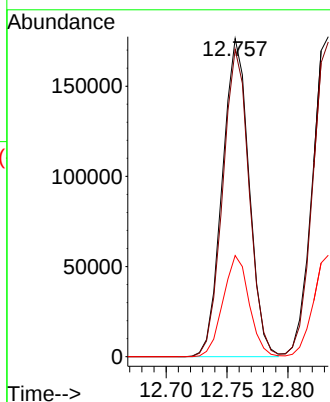
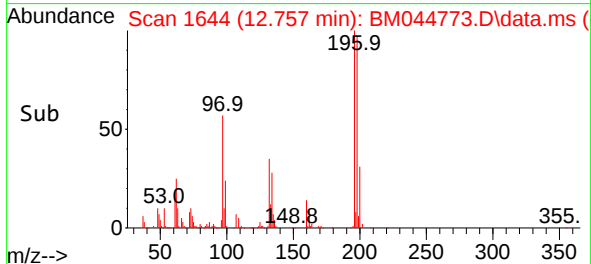
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



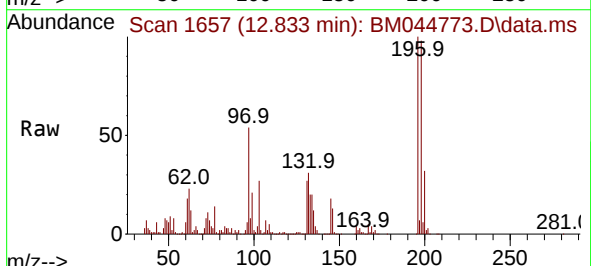
Tgt Ion:196 Resp: 26940
Ion Ratio Lower Upper
196 100
198 96.6 76.9 115.3
200 31.8 25.4 38.0

Manual Integrations
APPROVED

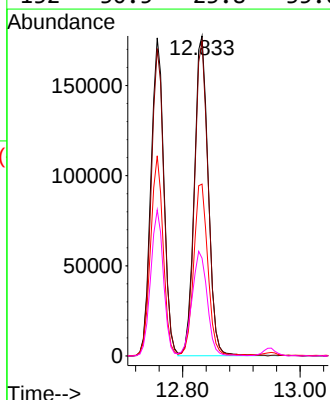
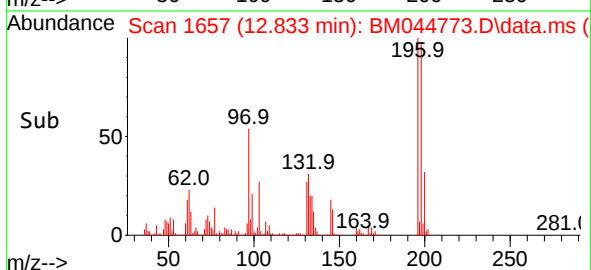
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024

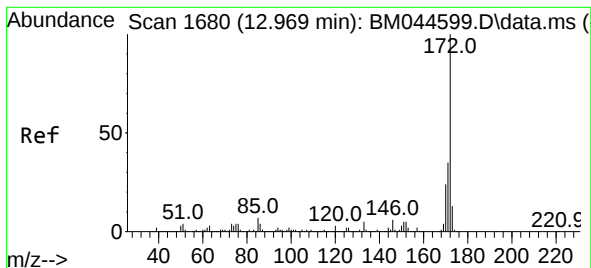


#44
2,4,5-Trichlorophenol
Concen: 43.902 ng
RT: 12.833 min Scan# 1657
Delta R.T. -0.006 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50



Tgt Ion:196 Resp: 290775
Ion Ratio Lower Upper
196 100
198 98.3 77.7 116.5
97 53.7 42.8 64.2
132 30.5 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 58.054 ng

RT: 12.951 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM044773.D

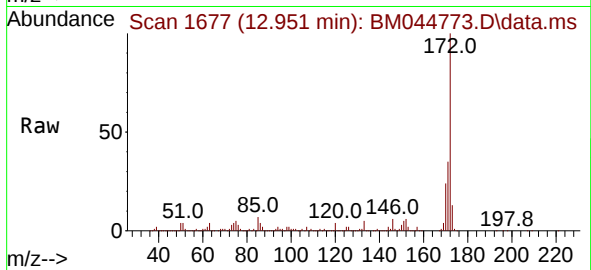
Acq: 26 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MSD



Tgt Ion:172 Resp: 122964

Ion Ratio Lower Upper

172 100

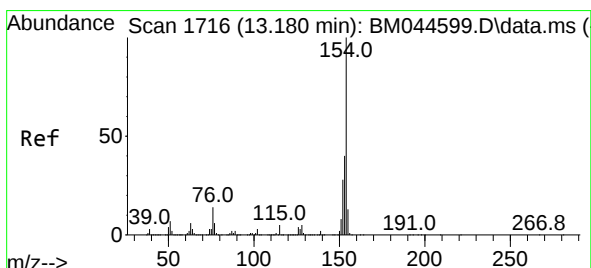
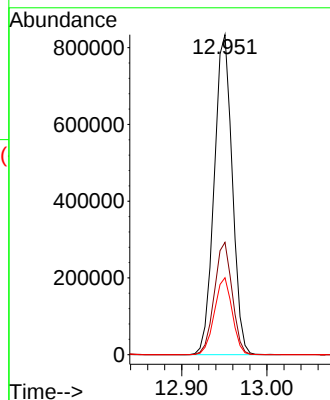
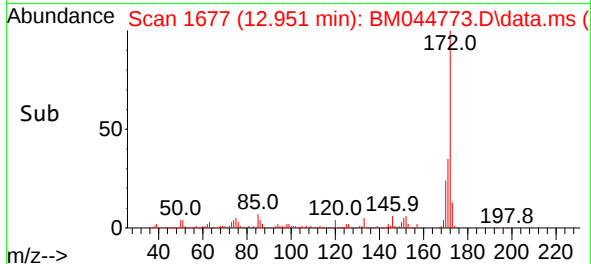
171 35.1 28.2 42.2

170 24.1 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#46

1,1'-Biphenyl

Concen: 43.312 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.018 min

Lab File: BM044773.D

Acq: 26 Mar 2024 17:50

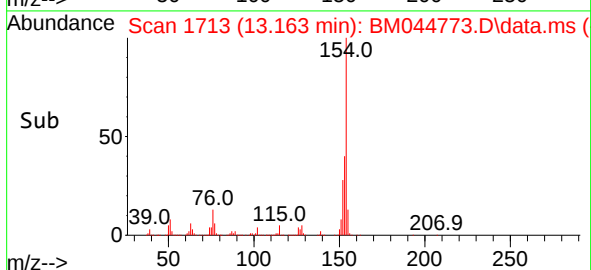
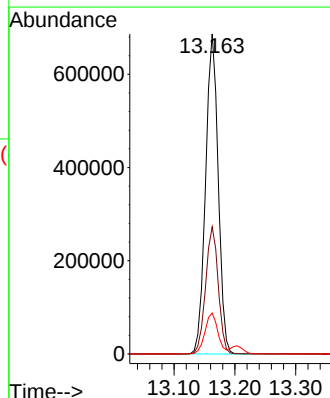
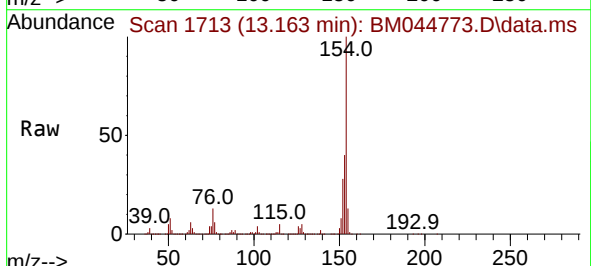
Tgt Ion:154 Resp: 988161

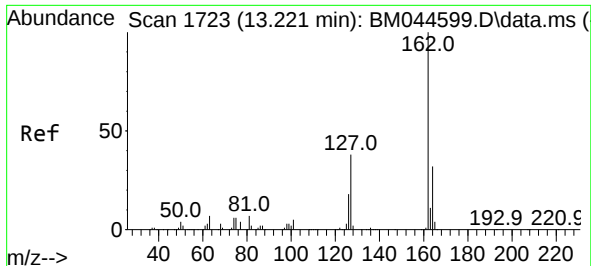
Ion Ratio Lower Upper

154 100

153 39.7 19.9 59.9

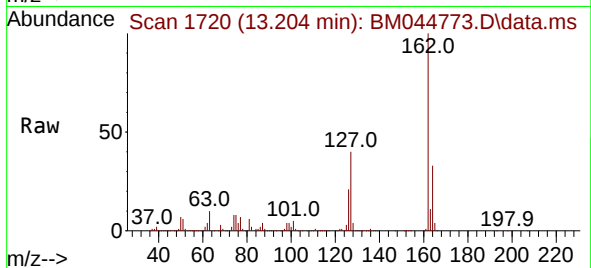
76 12.8 0.0 34.0





#47
2-Chloronaphthalene
Concen: 45.178 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

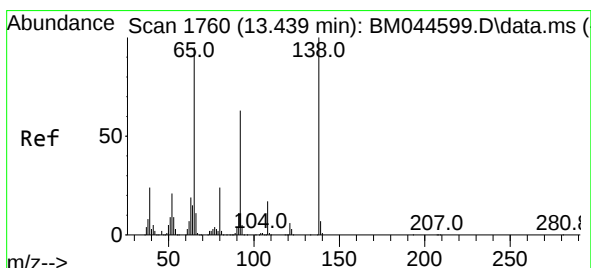
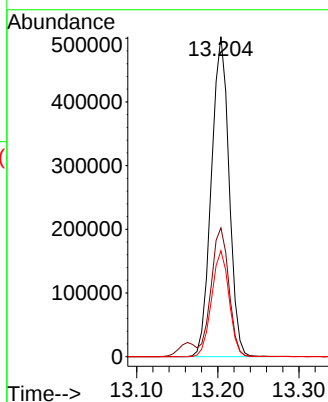
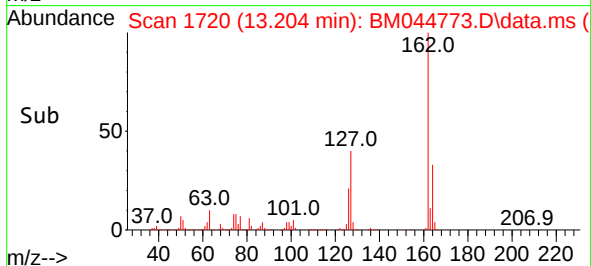
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



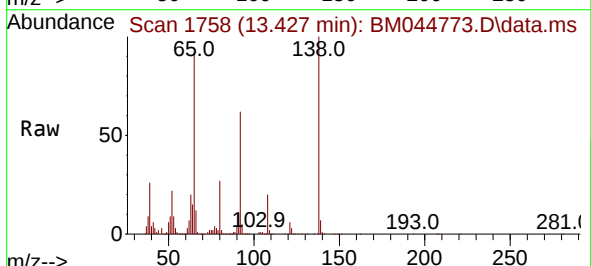
Tgt Ion:162 Resp: 762190
Ion Ratio Lower Upper
162 100
127 40.2 31.4 47.0
164 33.1 25.8 38.8

Manual Integrations
APPROVED

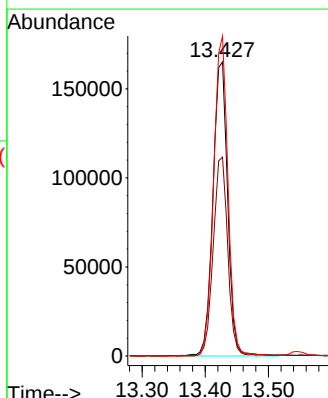
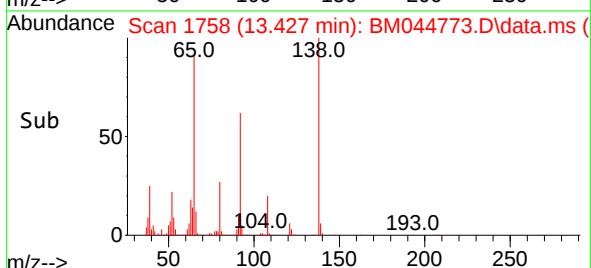
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024

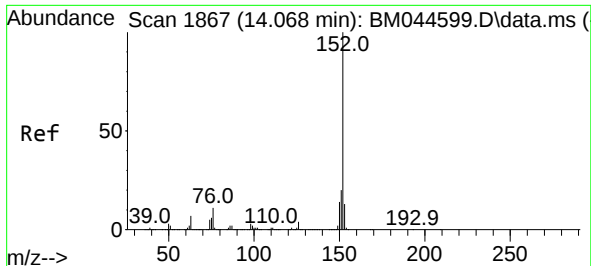


#48
2-Nitroaniline
Concen: 46.741 ng
RT: 13.427 min Scan# 1758
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50



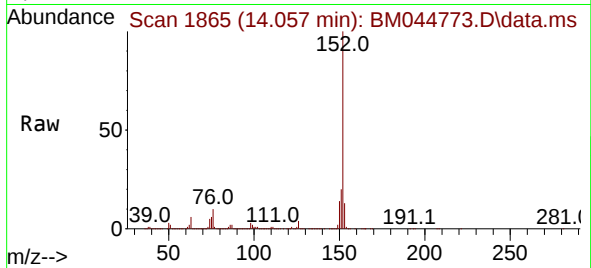
Tgt Ion: 65 Resp: 267563
Ion Ratio Lower Upper
65 100
92 67.6 53.3 79.9
138 108.8 84.3 126.5





#49
Acenaphthylene
Concen: 46.657 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

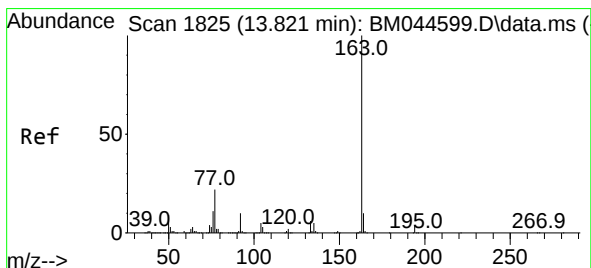
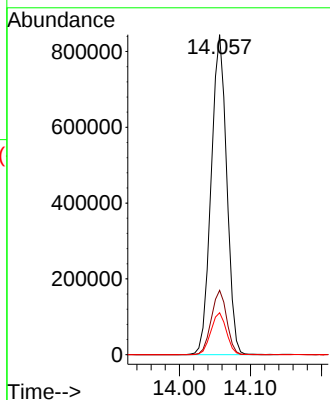
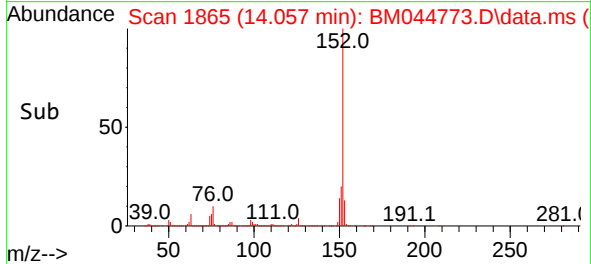
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



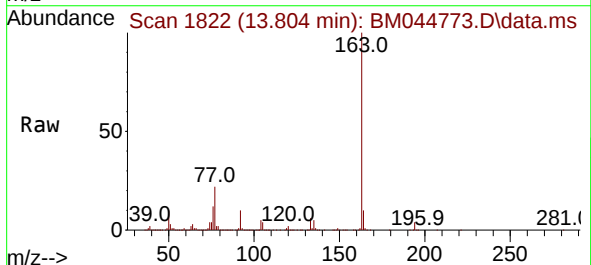
Tgt Ion:152 Resp: 1282278
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.1 10.6 15.8

Manual Integrations
APPROVED

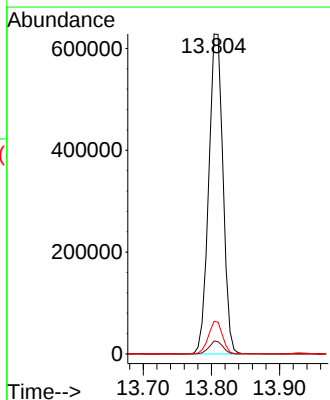
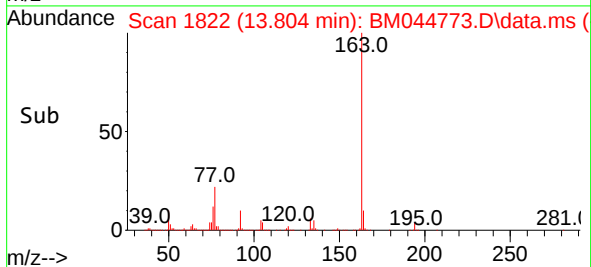
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024

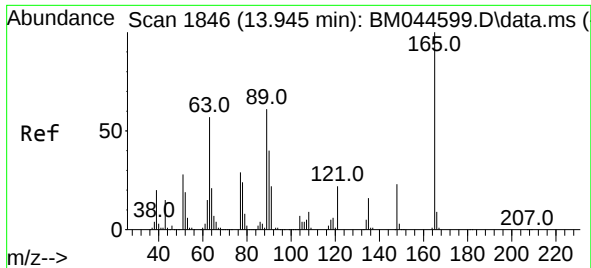


#50
Dimethylphthalate
Concen: 41.909 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.017 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50



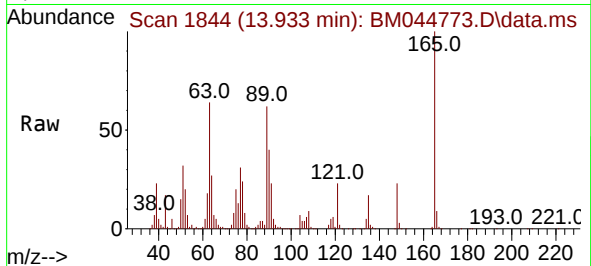
Tgt Ion:163 Resp: 914425
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 44.949 ng
RT: 13.933 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

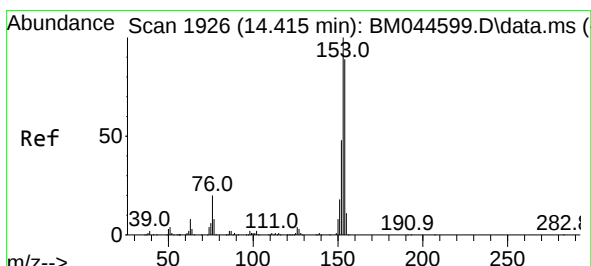
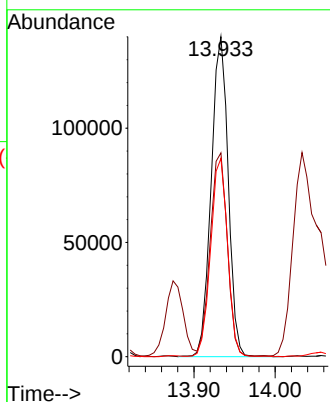
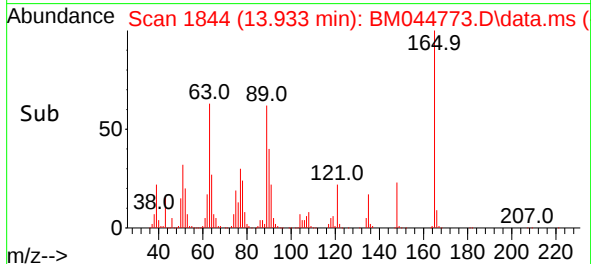
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



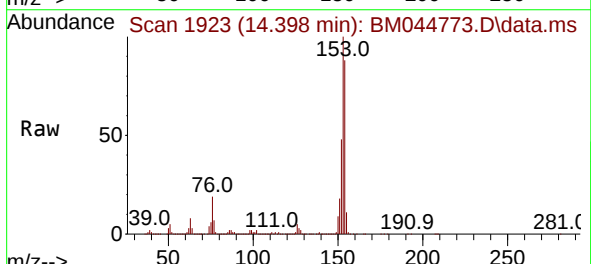
Tgt Ion:165 Resp: 20423
Ion Ratio Lower Upper
165 100
63 63.7 50.4 75.6
89 62.0 49.3 73.9

Manual Integrations
APPROVED

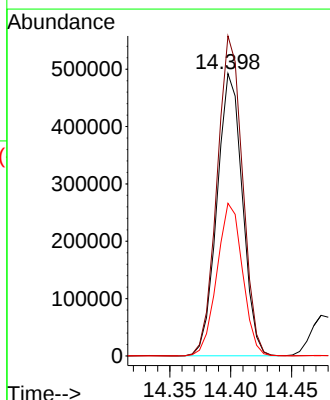
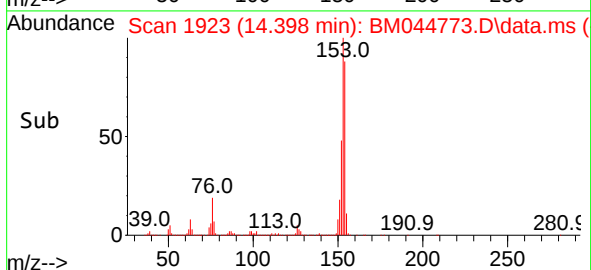
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024

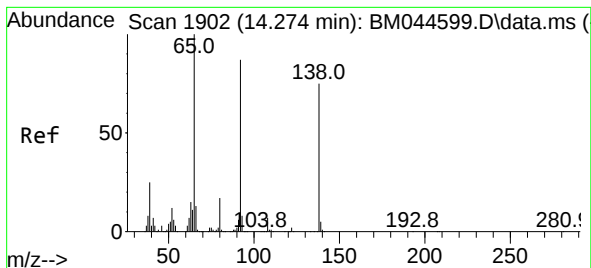


#52
Acenaphthene
Concen: 43.011 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50



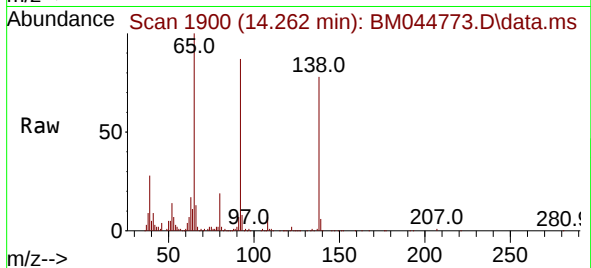
Tgt Ion:154 Resp: 714583
Ion Ratio Lower Upper
154 100
153 113.3 90.3 135.5
152 54.1 43.1 64.7





#53
3-Nitroaniline
Concen: 25.162 ng
RT: 14.262 min Scan# 1902
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

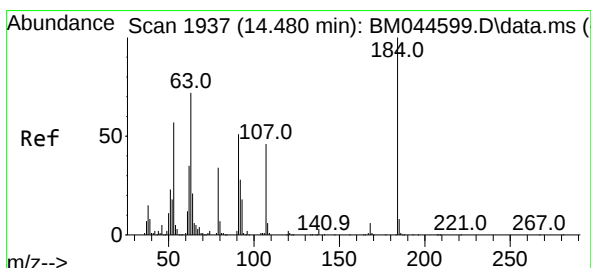
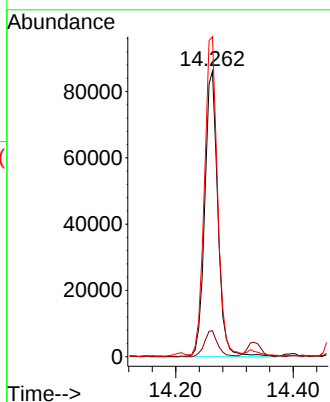
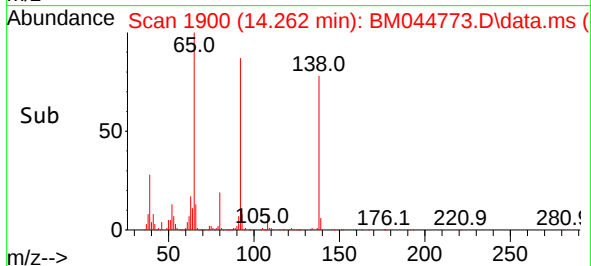
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion:138 Resp: 13387
Ion Ratio Lower Upper
138 100
108 9.1 7.5 11.3
92 112.1 92.8 139.2

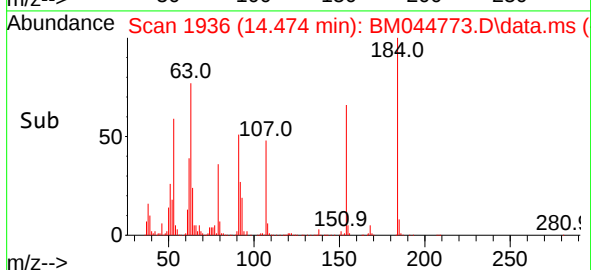
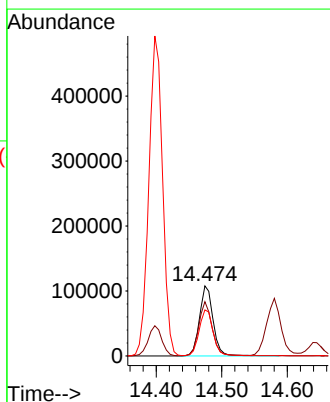
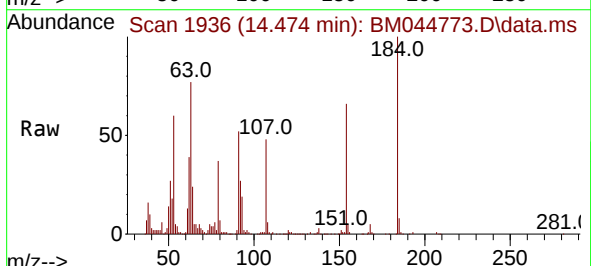
Manual Integrations
APPROVED

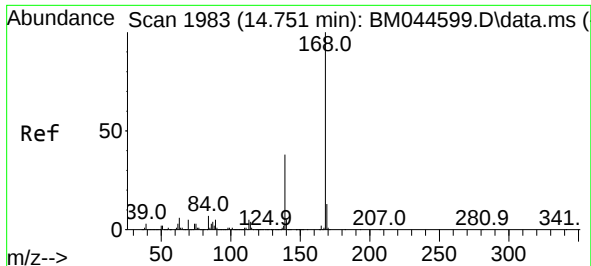
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#54
2,4-Dinitrophenol
Concen: 53.979 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

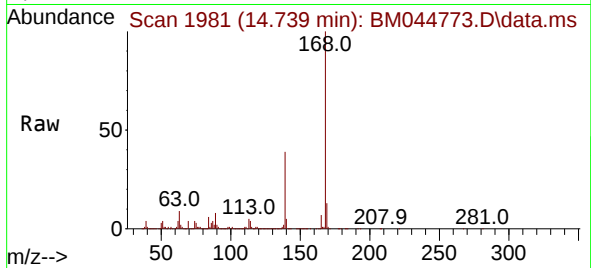
Tgt Ion:184 Resp: 155844
Ion Ratio Lower Upper
184 100
63 77.4 62.2 93.2
154 65.7 47.9 71.9





#55
Dibenzenofuran
Concen: 43.479 ng
RT: 14.739 min Scan# 1981
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

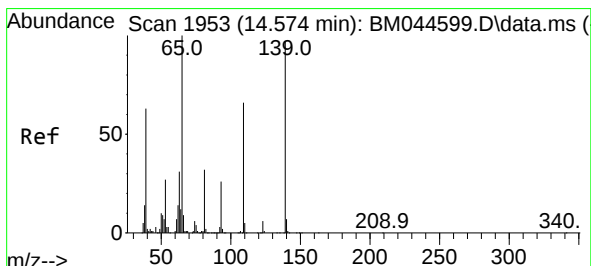
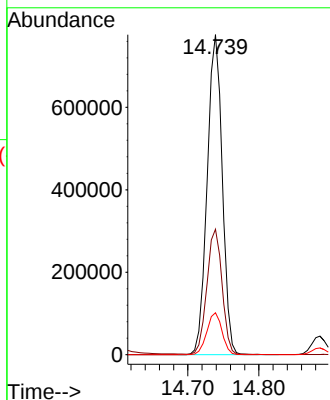
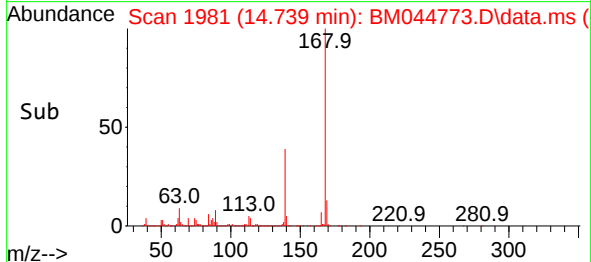
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion:168 Resp: 114644
Ion Ratio Lower Upper
168 100
139 39.2 30.6 46.0
169 13.1 10.6 16.0

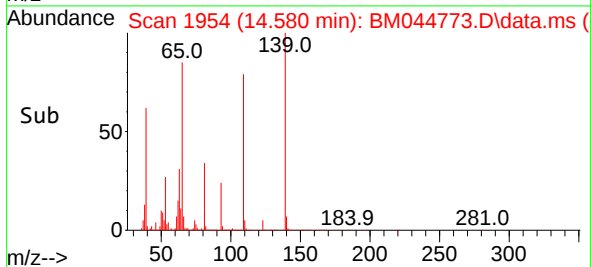
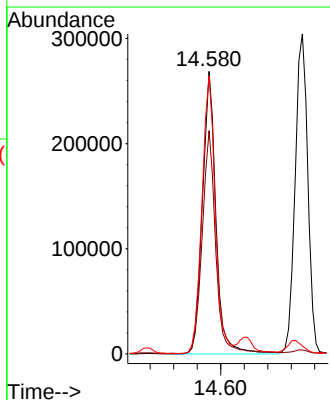
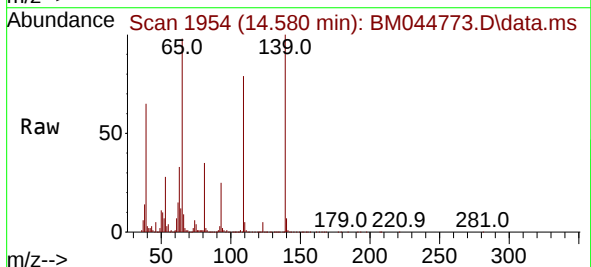
Manual Integrations
APPROVED

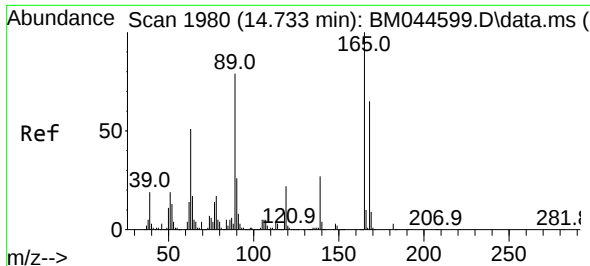
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#56
4-Nitrophenol
Concen: 98.153 ng
RT: 14.580 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

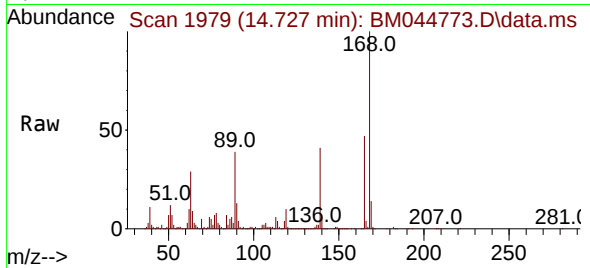
Tgt Ion:139 Resp: 428894
Ion Ratio Lower Upper
139 100
109 79.0 48.0 88.0
65 98.4 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 48.443 ng
RT: 14.727 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

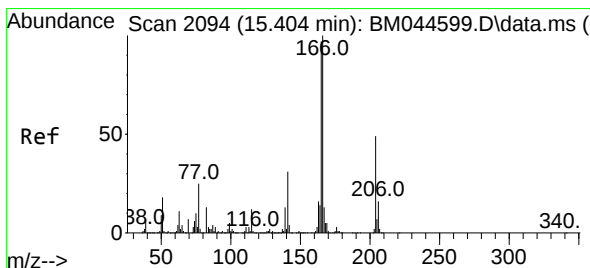
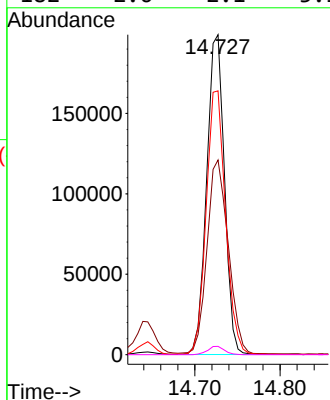
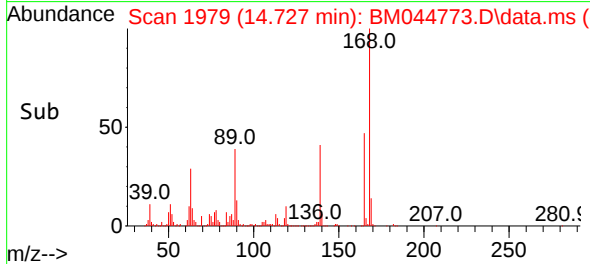
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion:165 Resp: 287602
Ion Ratio Lower Upper
165 100
63 60.9 40.9 61.3
89 82.4 63.4 95.0
182 2.6 2.1 3.1

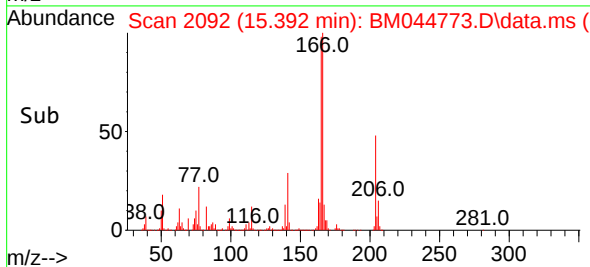
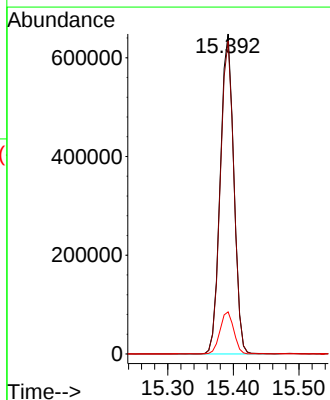
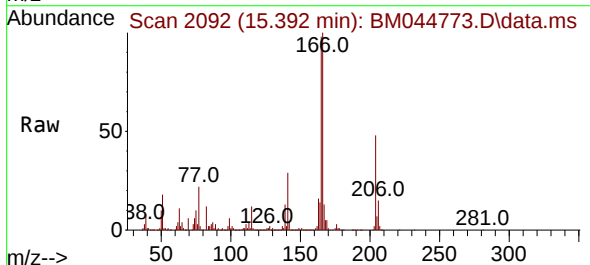
Manual Integrations
APPROVED

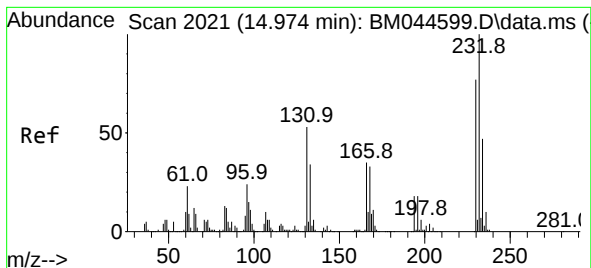
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#58
Fluorene
Concen: 45.025 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

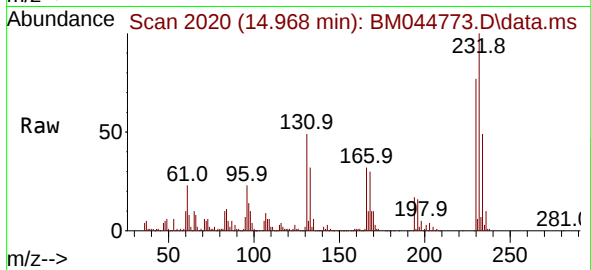
Tgt Ion:166 Resp: 924523
Ion Ratio Lower Upper
166 100
165 97.8 77.7 116.5
167 13.2 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.026 ng
RT: 14.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

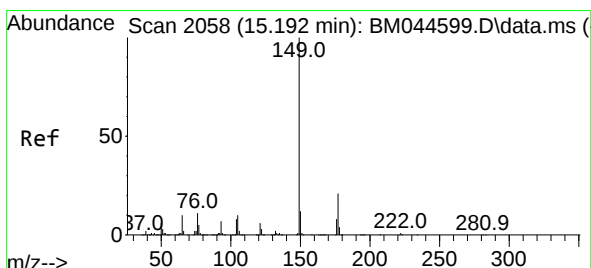
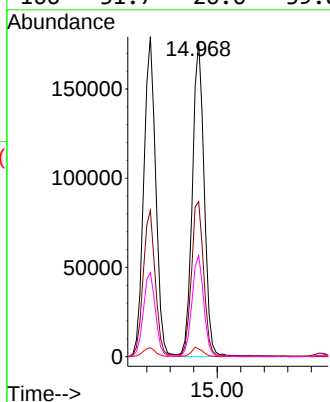
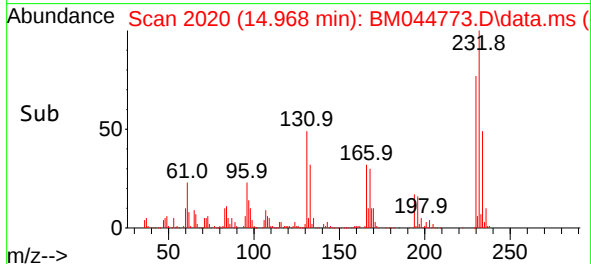
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion:232 Resp: 246961
Ion Ratio Lower Upper
232 100
131 50.7 41.0 61.4
130 2.9 2.1 3.1
166 31.7 26.6 39.8

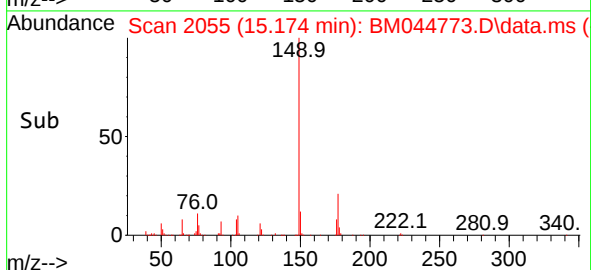
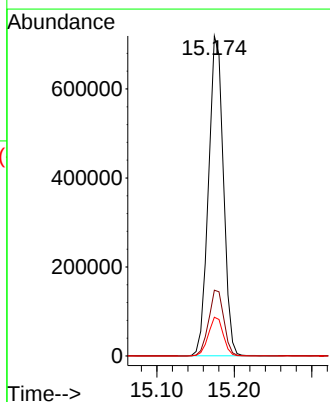
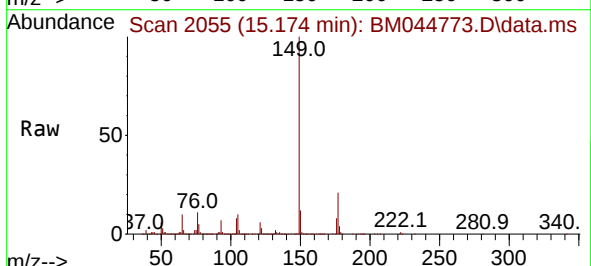
Manual Integrations
APPROVED

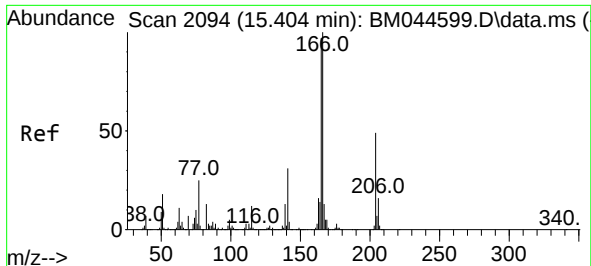
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#60
Diethylphthalate
Concen: 43.406 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

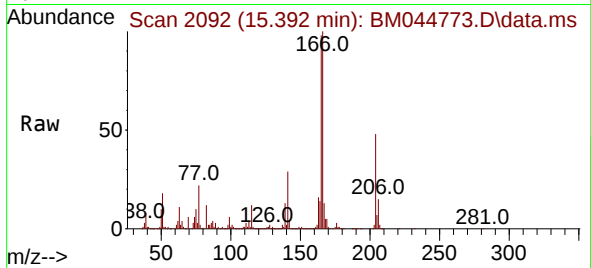
Tgt Ion:149 Resp: 958733
Ion Ratio Lower Upper
149 100
177 20.5 16.8 25.2
150 12.1 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.509 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

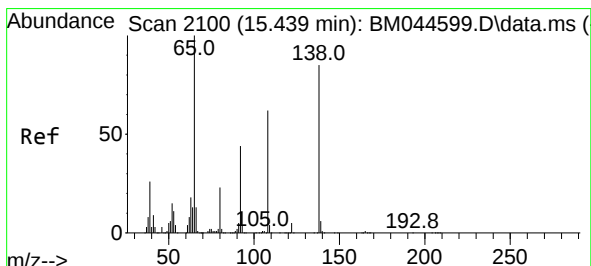
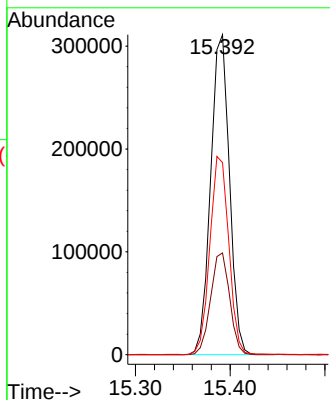
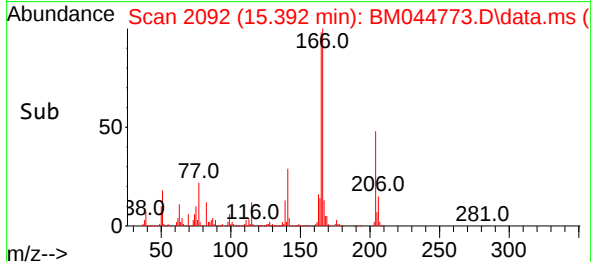
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion:204 Resp: 428889
Ion Ratio Lower Upper
204 100
206 31.8 25.9 38.9
141 60.0 49.8 74.8

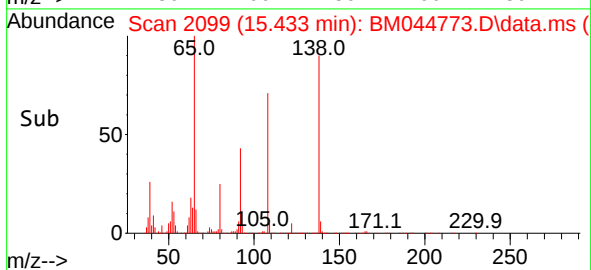
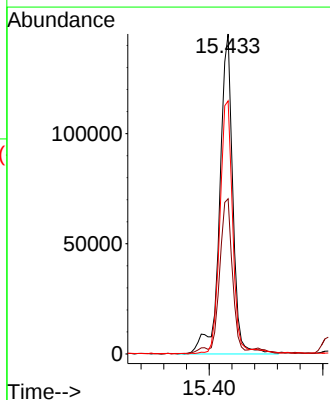
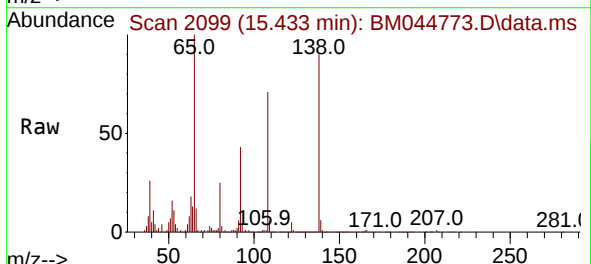
Manual Integrations
APPROVED

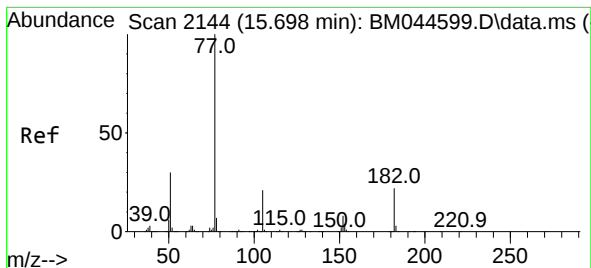
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#62
4-Nitroaniline
Concen: 44.108 ng
RT: 15.433 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

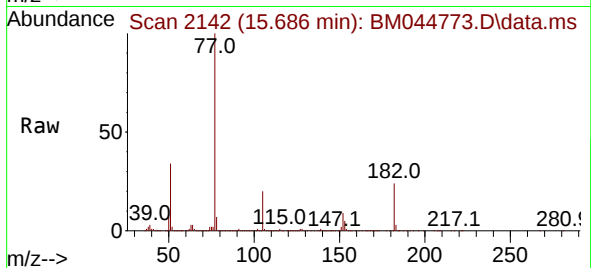
Tgt Ion:138 Resp: 234425
Ion Ratio Lower Upper
138 100
92 48.5 31.9 71.9
108 79.1 53.7 93.7





#63
Azobenzene
Concen: 44.138 ng
RT: 15.686 min Scan# 2142
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

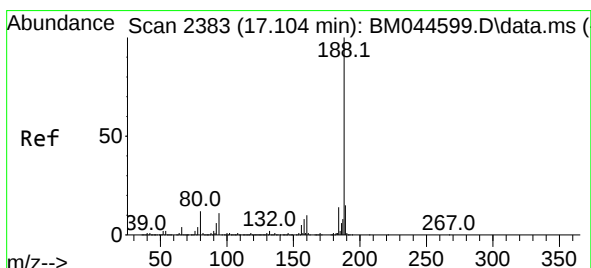
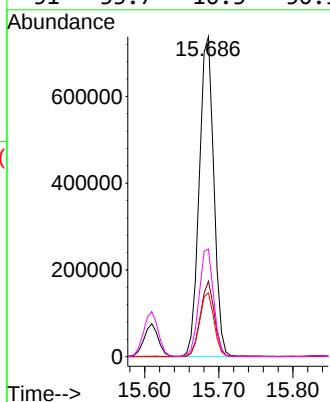
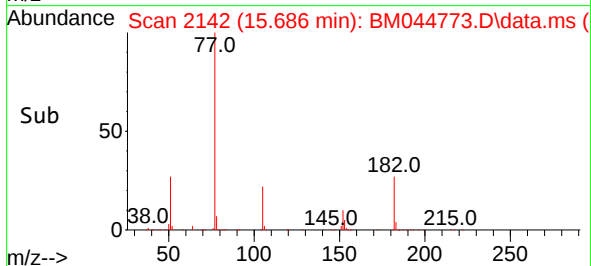
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion: 77 Resp: 1007740
Ion Ratio Lower Upper
77 100
182 23.6 1.8 41.8
105 19.9 0.7 40.7
51 33.7 10.3 50.3

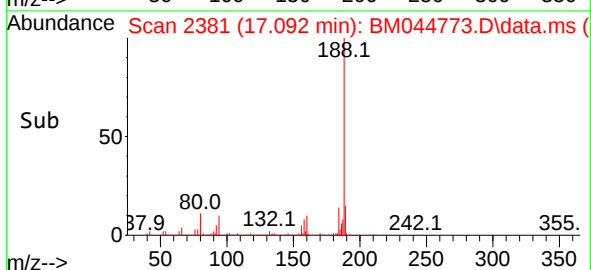
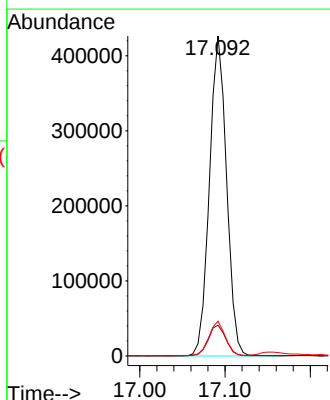
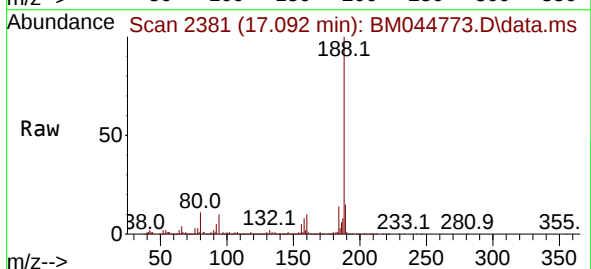
Manual Integrations
APPROVED

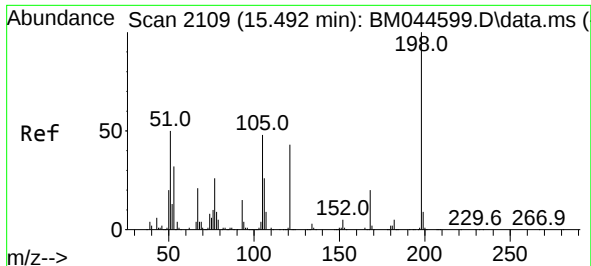
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

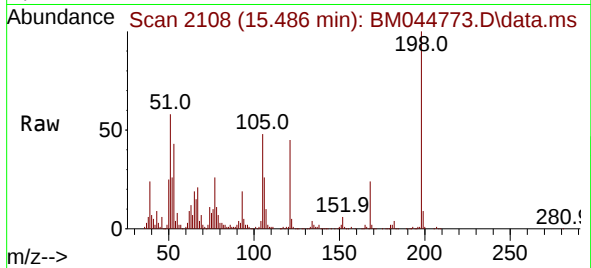
Tgt Ion:188 Resp: 594361
Ion Ratio Lower Upper
188 100
94 9.6 8.4 12.6
80 10.9 9.4 14.0





#65
4,6-Dinitro-2-methylphenol
Concen: 30.330 ng
RT: 15.486 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

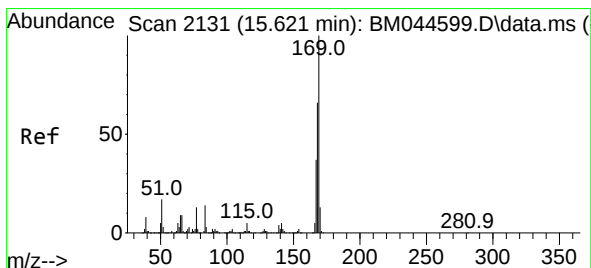
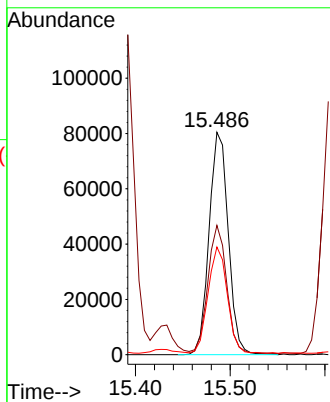
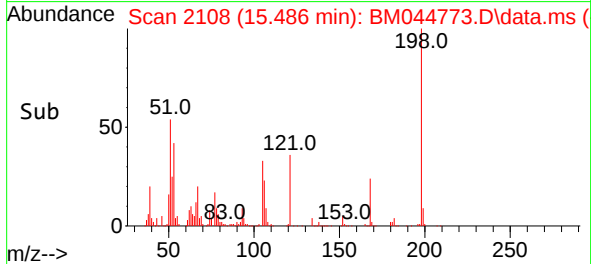
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion:198 Resp: 113054
Ion Ratio Lower Upper
198 100
51 58.2 35.0 75.0
105 48.4 28.5 68.5

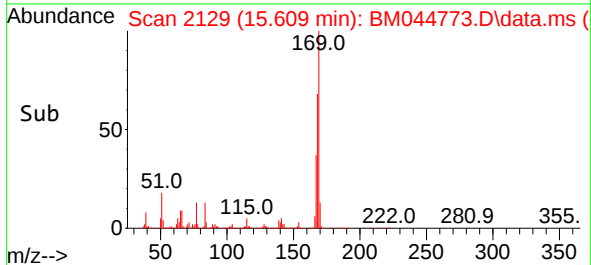
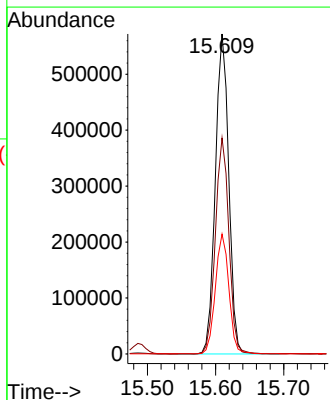
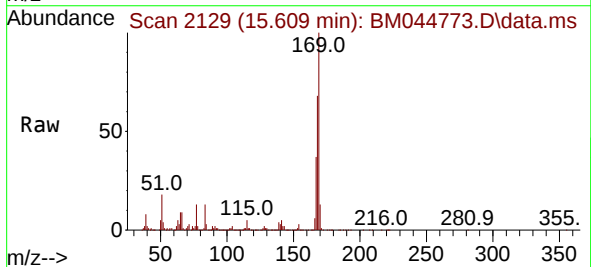
Manual Integrations
APPROVED

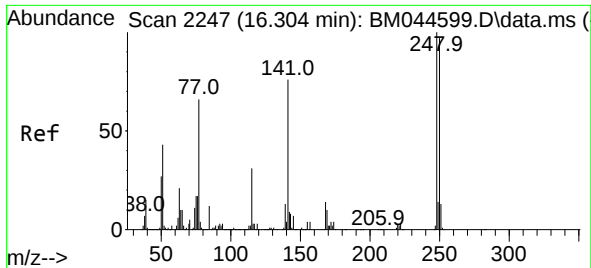
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#66
n-Nitrosodiphenylamine
Concen: 42.287 ng
RT: 15.609 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

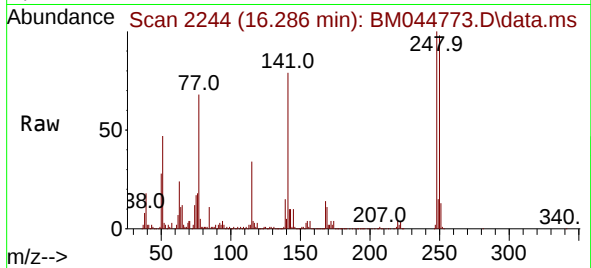
Tgt Ion:169 Resp: 783313
Ion Ratio Lower Upper
169 100
168 67.5 53.1 79.7
167 37.5 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 43.441 ng
RT: 16.286 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

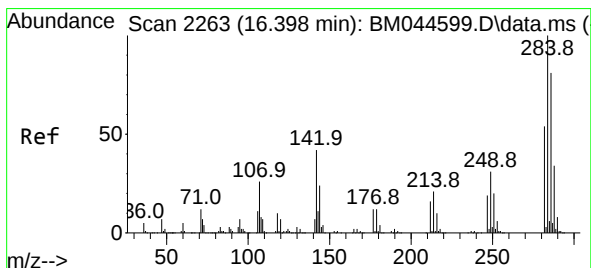
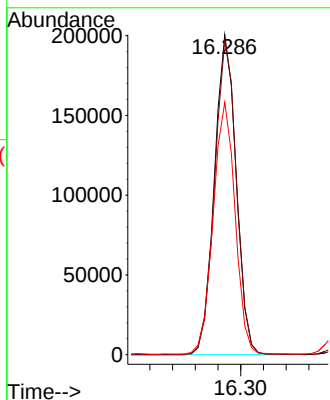
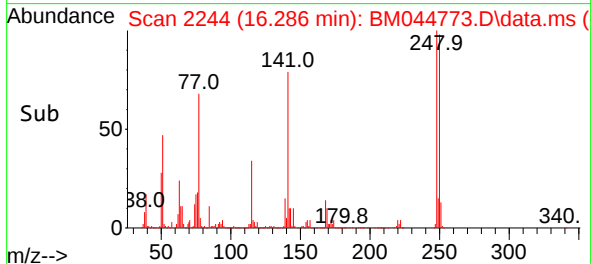
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



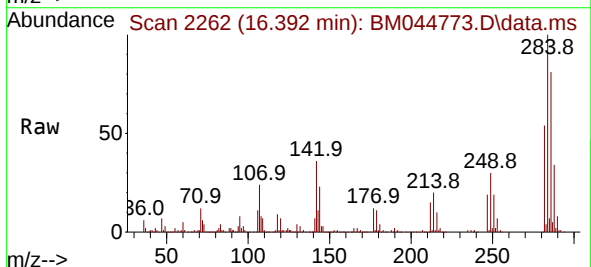
Tgt Ion:248 Resp: 26706
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.8
141 78.9 60.6 90.8

Manual Integrations
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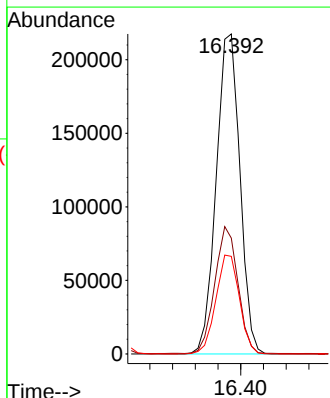
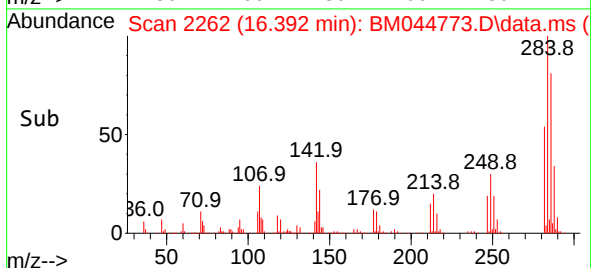
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024

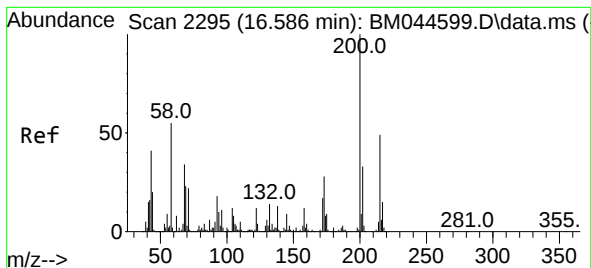


#68
Hexachlorobenzene
Concen: 48.225 ng
RT: 16.392 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50



Tgt Ion:284 Resp: 315154
Ion Ratio Lower Upper
284 100
142 36.2 33.7 50.5
249 30.5 24.8 37.2





#69

Atrazine

Concen: 46.562 ng

RT: 16.574 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044773.D

Acq: 26 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

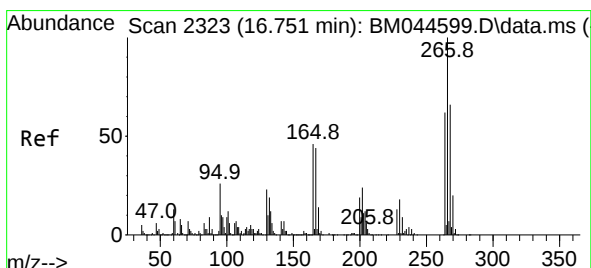
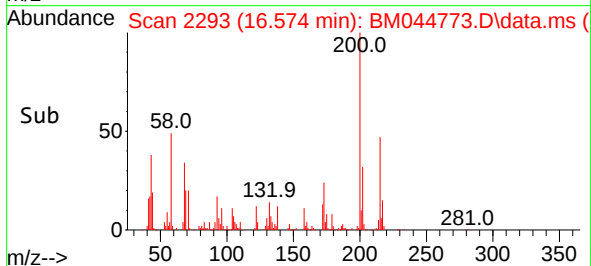
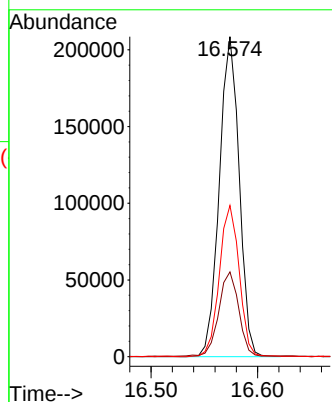
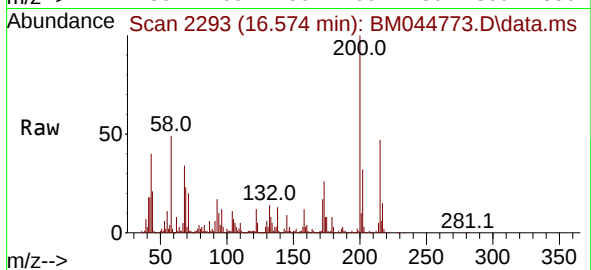
VNJ229-72-11976MSD

Tgt Ion:200 Resp: 269515
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.7 47.7
 215 47.3 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/27/2024
 Supervised By :mohammad ahmed 03/28/2024



#70

Pentachlorophenol

Concen: 95.462 ng

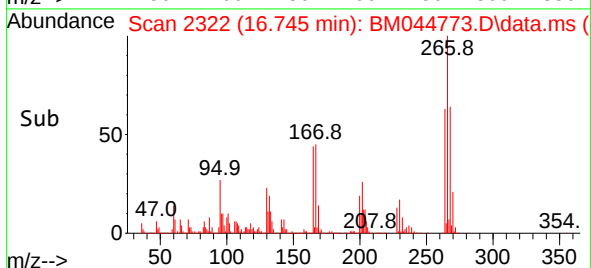
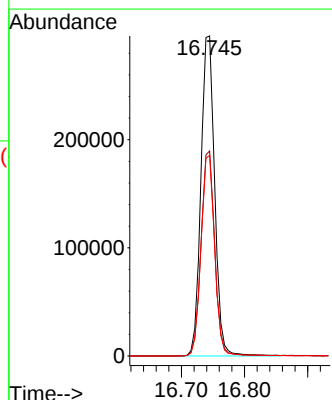
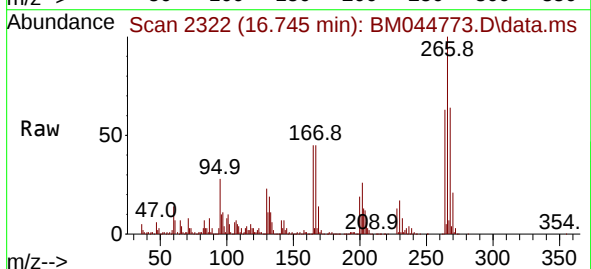
RT: 16.745 min Scan# 2322

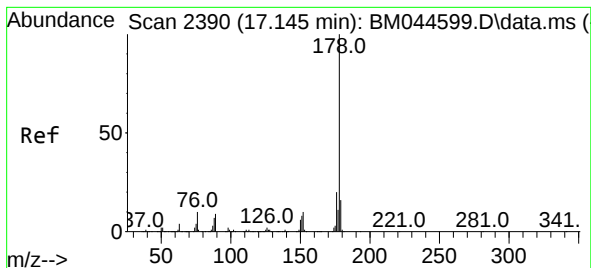
Delta R.T. -0.006 min

Lab File: BM044773.D

Acq: 26 Mar 2024 17:50

Tgt Ion:266 Resp: 448745
 Ion Ratio Lower Upper
 266 100
 268 64.1 52.4 78.6
 264 62.7 49.8 74.8





#71

Phenanthrene

Concen: 44.025 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044773.D

Acq: 26 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MSD

Tgt Ion:178 Resp: 1446029

Ion Ratio Lower Upper

178 100

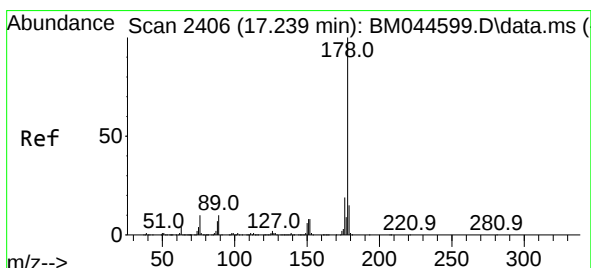
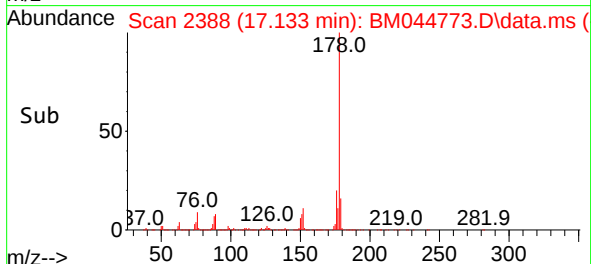
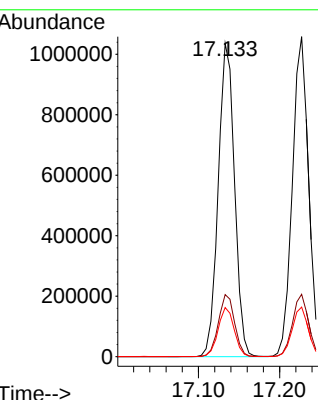
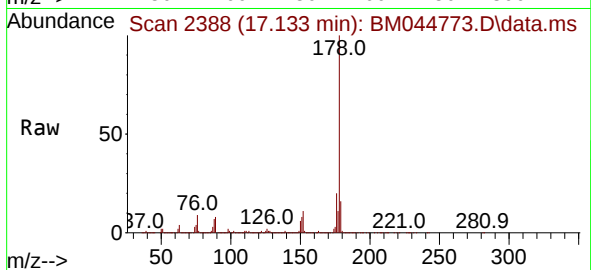
176 19.8 15.7 23.5

179 15.7 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#72

Anthracene

Concen: 44.724 ng

RT: 17.227 min Scan# 2404

Delta R.T. -0.012 min

Lab File: BM044773.D

Acq: 26 Mar 2024 17:50

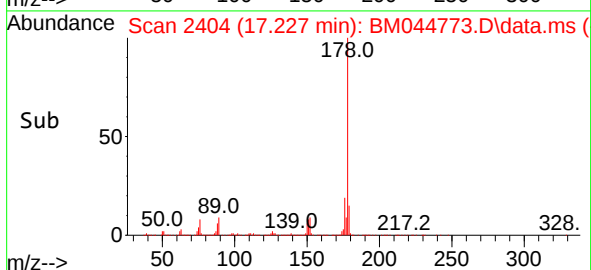
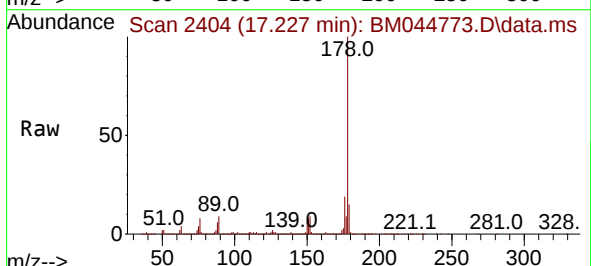
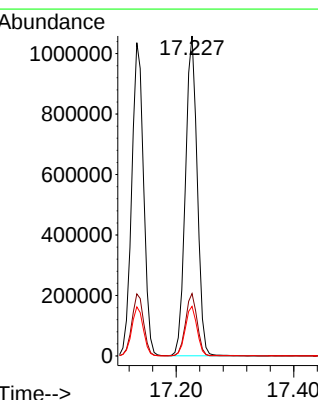
Tgt Ion:178 Resp: 1473304

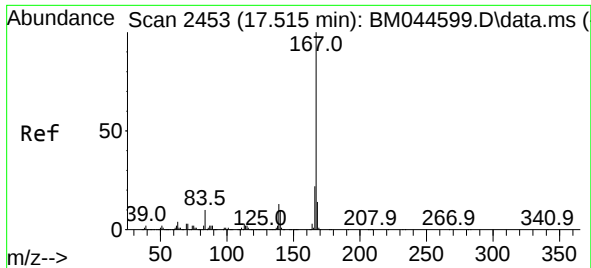
Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

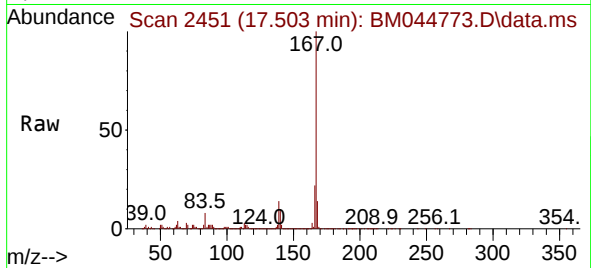
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 45.975 ng
 RT: 17.503 min Scan# 2451
 Delta R.T. -0.012 min
 Lab File: BM044773.D
 Acq: 26 Mar 2024 17:50

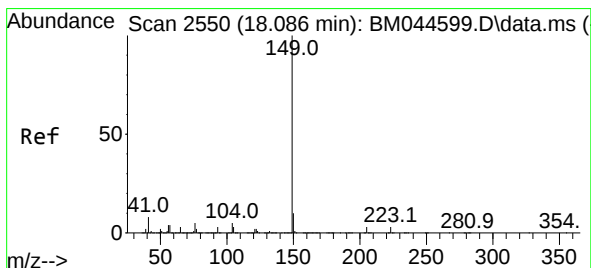
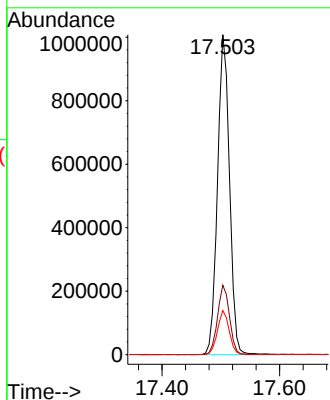
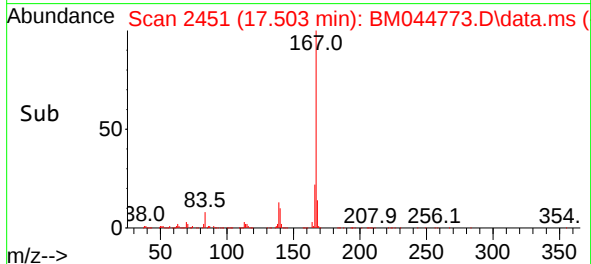
Instrument :
 BNA_M
 ClientSampleId :
 VNJ229-72-11976MSD



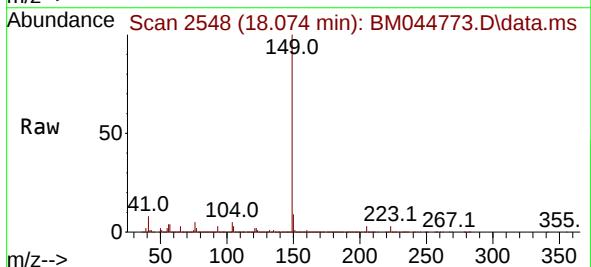
Tgt Ion:167 Resp: 1426430
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.8 10.6 15.8

Manual Integrations
 APPROVED

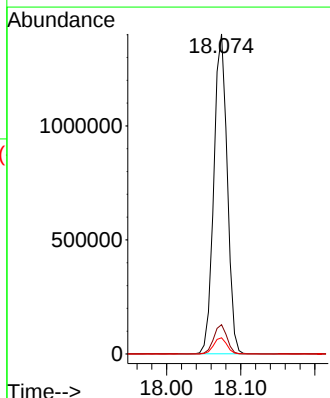
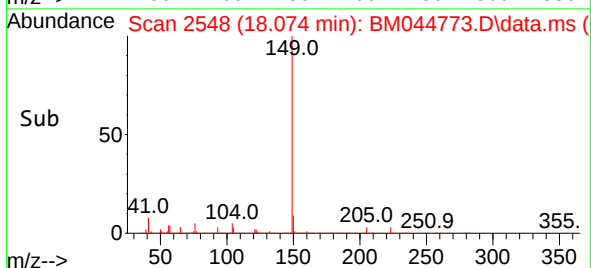
Reviewed By :Jagrut Upadhyay 03/27/2024
 Supervised By :mohammad ahmed 03/28/2024

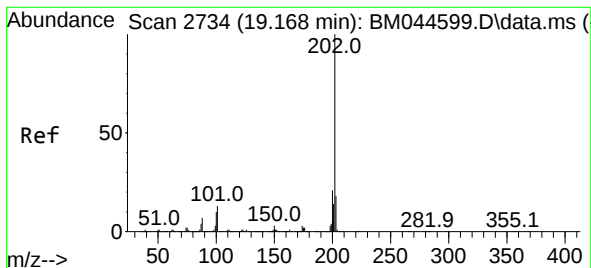


#74
 Di-n-butylphthalate
 Concen: 43.957 ng
 RT: 18.074 min Scan# 2548
 Delta R.T. -0.012 min
 Lab File: BM044773.D
 Acq: 26 Mar 2024 17:50



Tgt Ion:149 Resp: 1757356
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.6 11.4
 104 5.1 4.0 6.0





#75

Fluoranthene

Concen: 46.762 ng

RT: 19.156 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044773.D

Acq: 26 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MSD

Tgt Ion:202 Resp: 171694

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.3

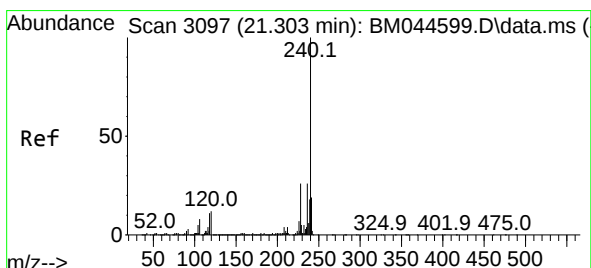
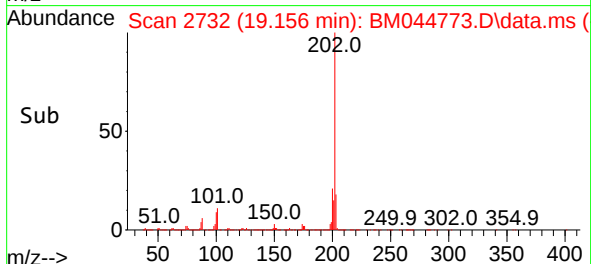
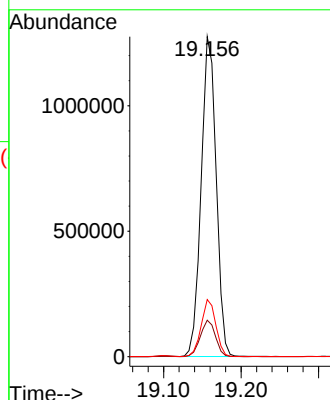
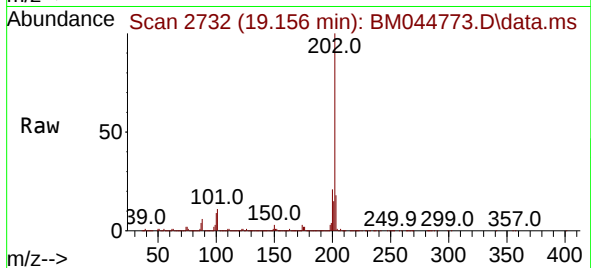
203 17.9 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/27/2024

Supervised By :mohammad ahmed 03/28/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.291 min Scan# 3095

Delta R.T. -0.012 min

Lab File: BM044773.D

Acq: 26 Mar 2024 17:50

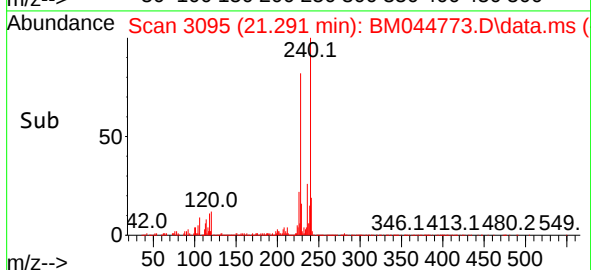
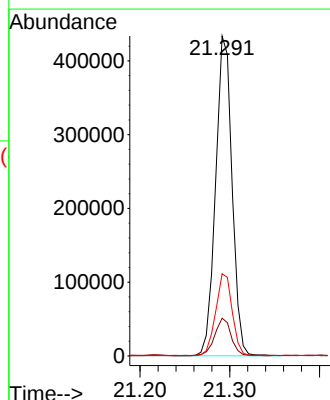
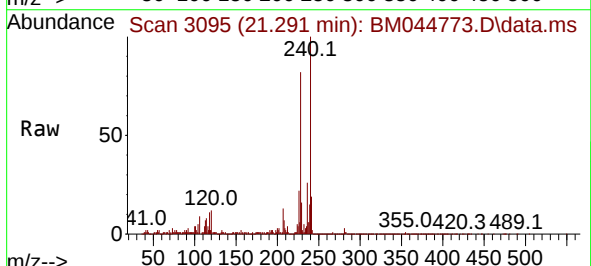
Tgt Ion:240 Resp: 551451

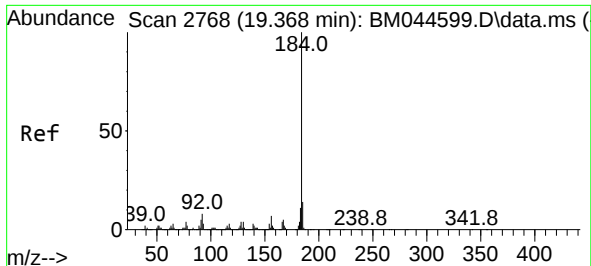
Ion Ratio Lower Upper

240 100

120 11.8 9.7 14.5

236 25.7 21.0 31.4





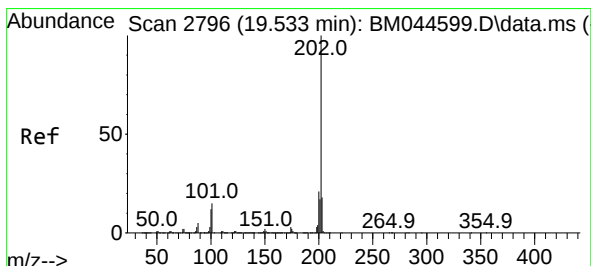
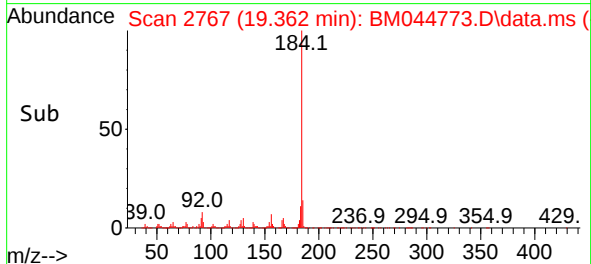
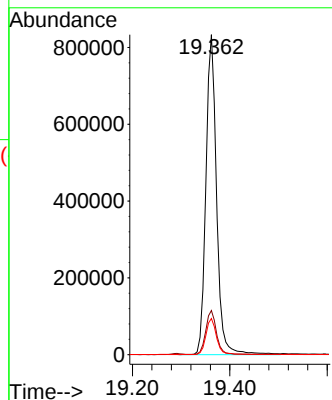
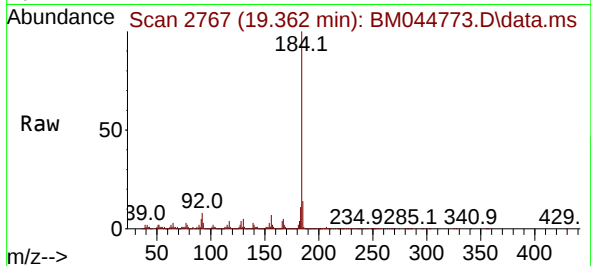
#77
Benzidine
Concen: 88.587 ng
RT: 19.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD

Tgt Ion:184 Resp: 126257
Ion Ratio Lower Upper
184 100
185 13.8 11.0 16.6
183 11.3 8.7 13.1

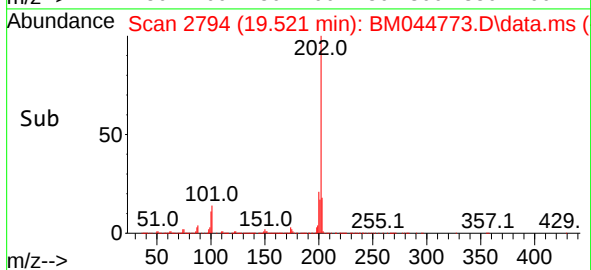
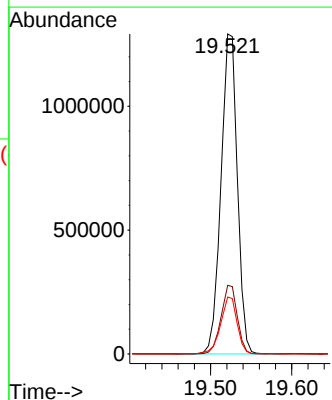
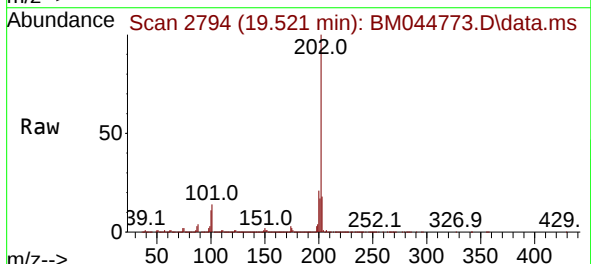
Manual Integrations
APPROVED

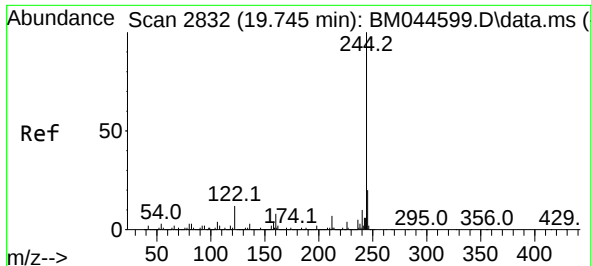
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#78
Pyrene
Concen: 44.813 ng
RT: 19.521 min Scan# 2794
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

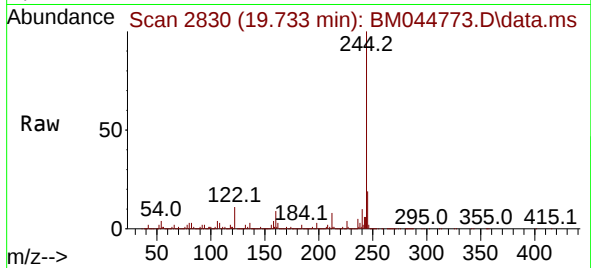
Tgt Ion:202 Resp: 1811203
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 17.8 14.1 21.1





#79
 Terphenyl-d14
 Concen: 58.554 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM044773.D
 Acq: 26 Mar 2024 17:50

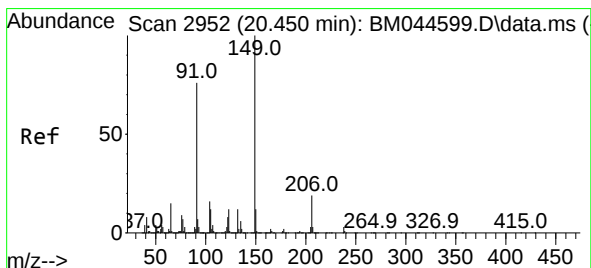
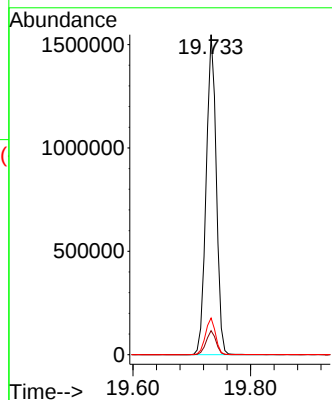
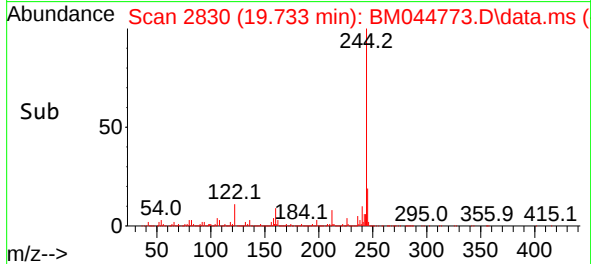
Instrument :
 BNA_M
 ClientSampleId :
 VNJ229-72-11976MSD



Tgt Ion:244 Resp: 1845814
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.5 8.3
 122 11.5 9.7 14.5

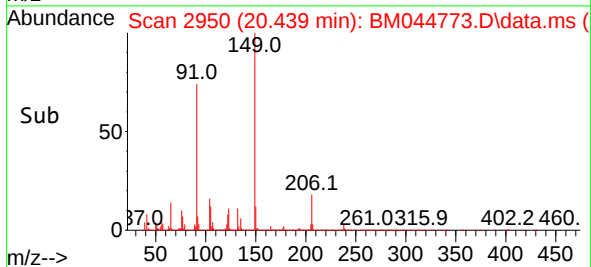
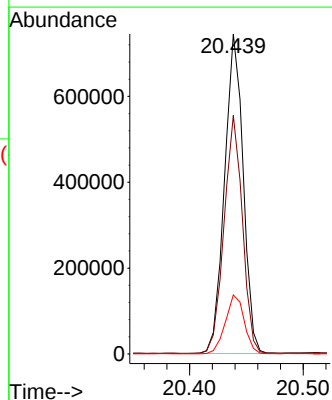
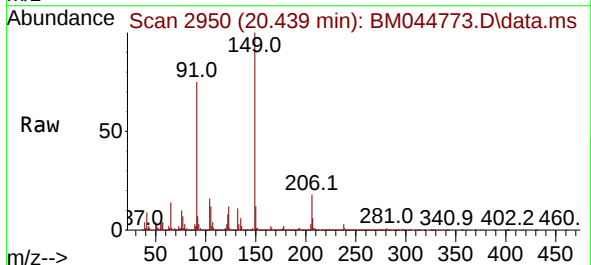
Manual Integrations
 APPROVED

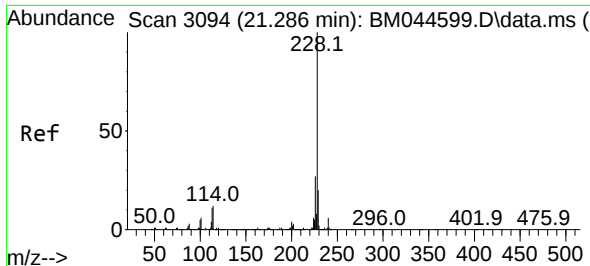
Reviewed By :Jagrut Upadhyay 03/27/2024
 Supervised By :mohammad ahmed 03/28/2024



#80
 Butylbenzylphthalate
 Concen: 46.596 ng
 RT: 20.439 min Scan# 2950
 Delta R.T. -0.012 min
 Lab File: BM044773.D
 Acq: 26 Mar 2024 17:50

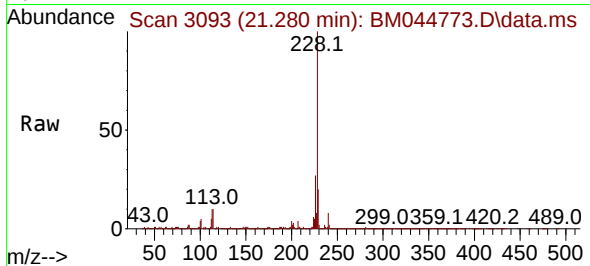
Tgt Ion:149 Resp: 848757
 Ion Ratio Lower Upper
 149 100
 91 74.5 61.0 91.6
 206 18.5 15.0 22.6





#81
Benzo(a)anthracene
Concen: 45.661 ng
RT: 21.280 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

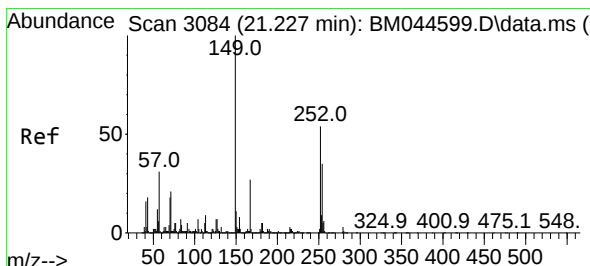
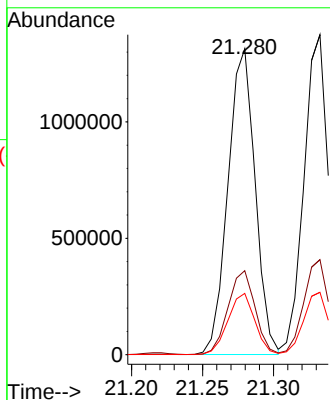
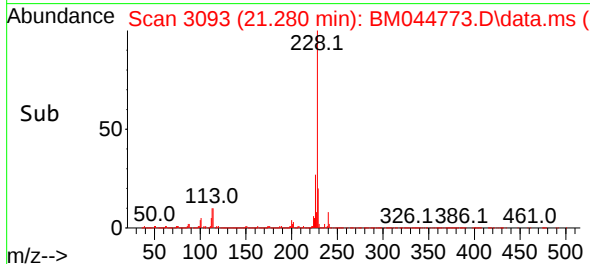
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion:228 Resp: 175201
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 20.0 15.9 23.9

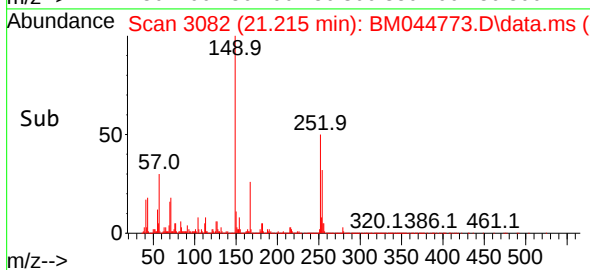
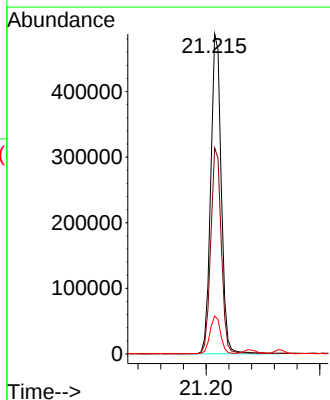
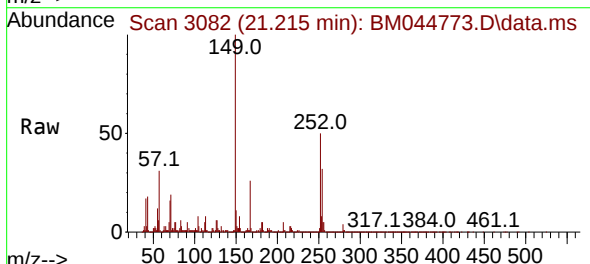
Manual Integrations
APPROVED

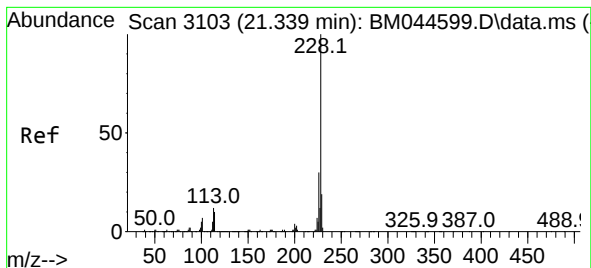
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#82
3,3'-Dichlorobenzidine
Concen: 47.024 ng
RT: 21.215 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

Tgt Ion:252 Resp: 621415
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.0
126 11.9 9.8 14.6





#83

Chrysene

Concen: 45.184 ng

RT: 21.333 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM044773.D

Acq: 26 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MSD

Tgt Ion:228 Resp: 1656678

Ion Ratio Lower Upper

228 100

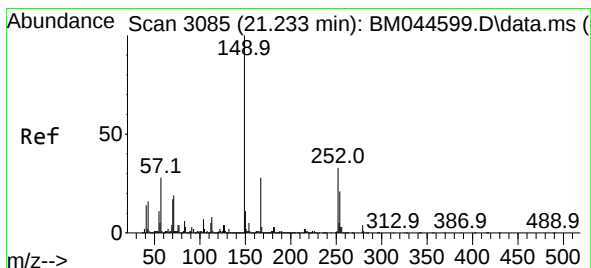
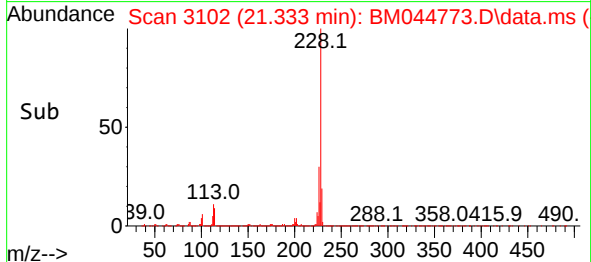
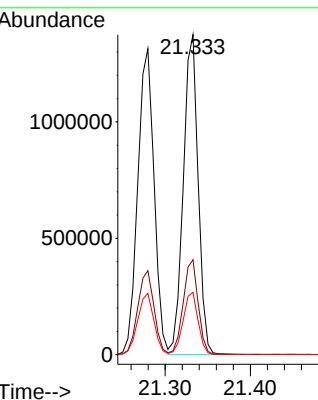
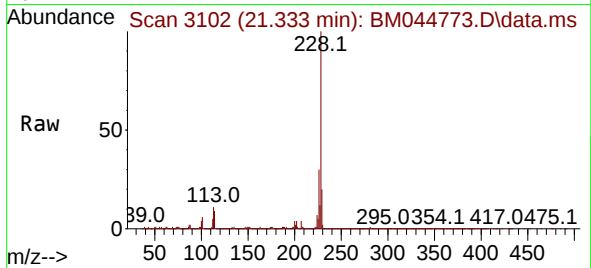
226 29.7 23.6 35.4

229 19.5 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.032 ng

RT: 21.221 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM044773.D

Acq: 26 Mar 2024 17:50

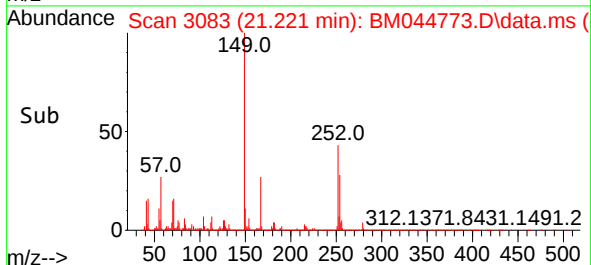
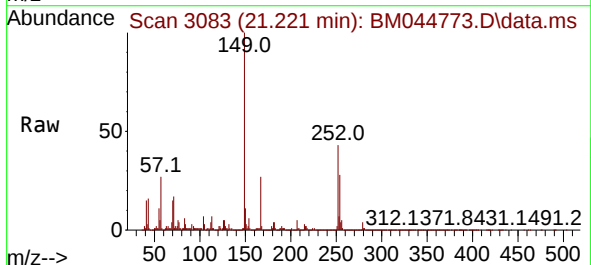
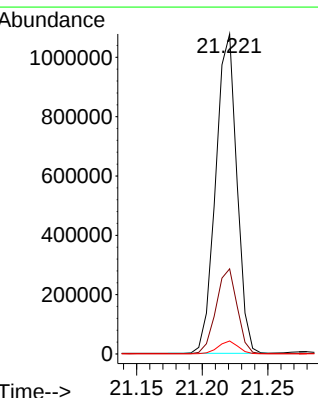
Tgt Ion:149 Resp: 1208314

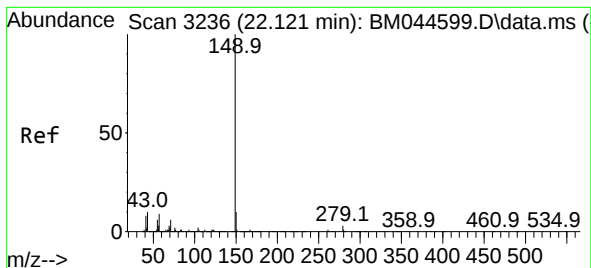
Ion Ratio Lower Upper

149 100

167 26.6 22.1 33.1

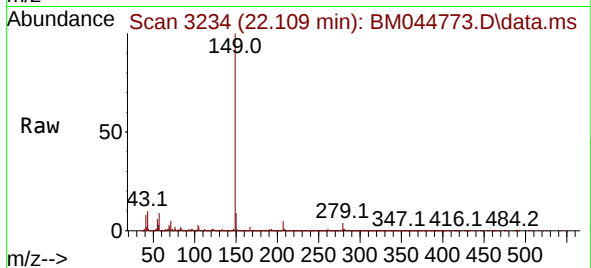
279 4.1 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 45.912 ng
RT: 22.109 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

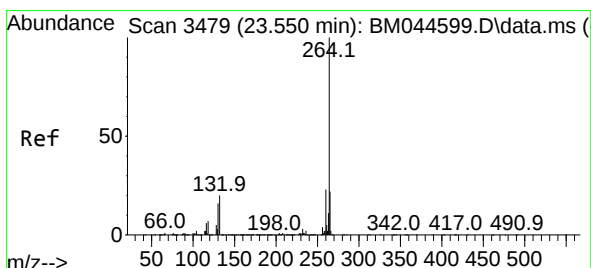
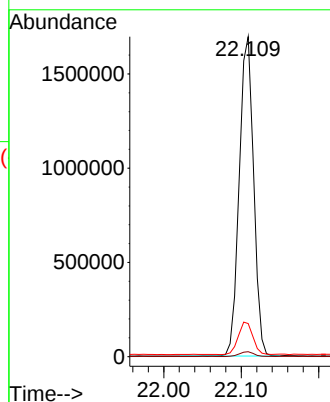
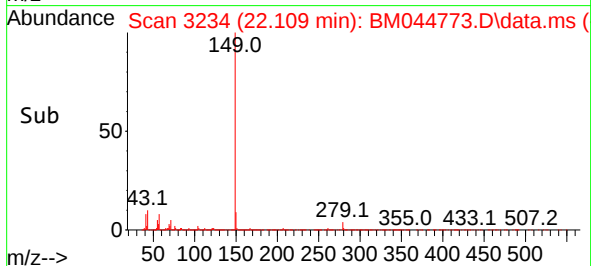
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



Tgt Ion:149 Resp: 218541
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.3 7.9 11.9

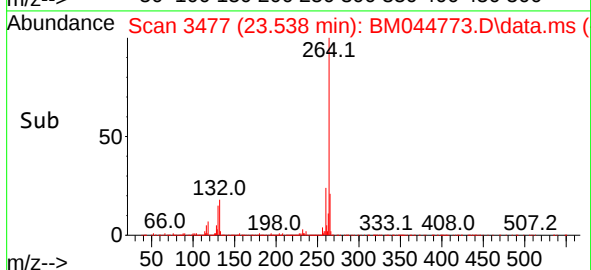
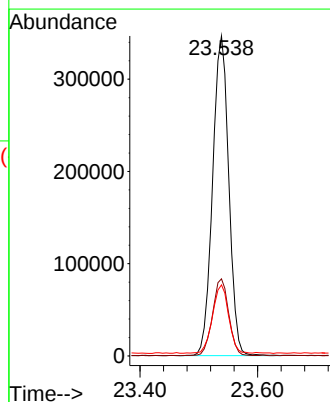
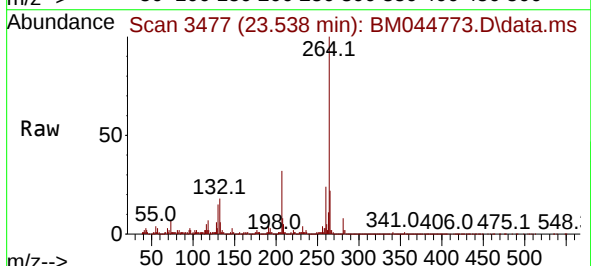
Manual Integrations
APPROVED

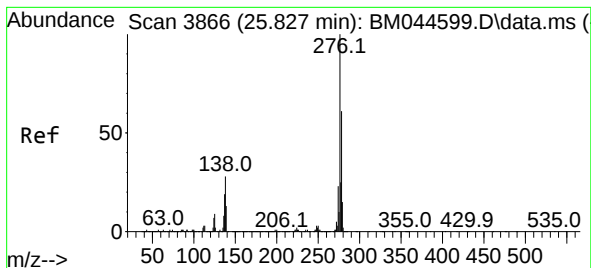
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.538 min Scan# 3477
Delta R.T. -0.012 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

Tgt Ion:264 Resp: 661026
Ion Ratio Lower Upper
264 100
260 24.1 18.3 27.5
265 22.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.401 ng

RT: 25.821 min Scan# 3865

Delta R.T. -0.006 min

Lab File: BM044773.D

Acq: 26 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MSD

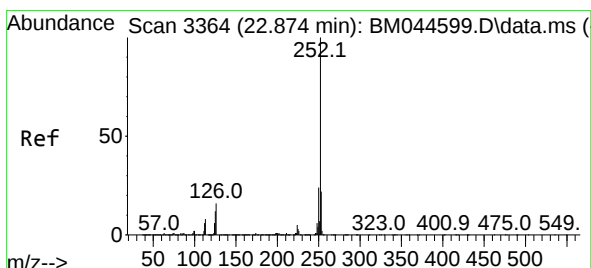
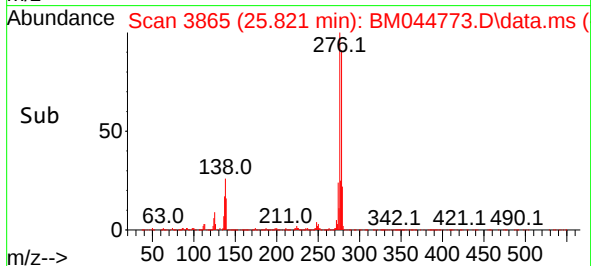
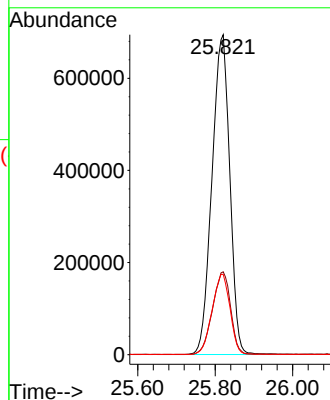
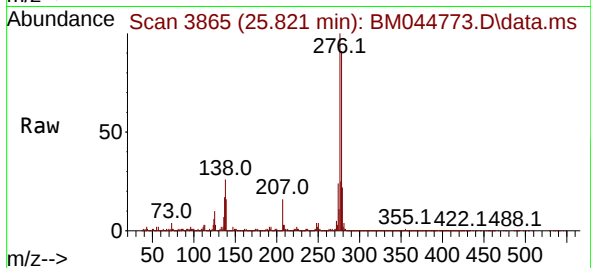
Tgt Ion: 276 Resp: 221734

Ion	Ratio	Lower	Upper
276	100		
138	26.2	23.6	35.4
277	25.1	20.2	30.2

Manual Integrations

APPROVED

Reviewed By : Jagrut Upadhyay 03/27/2024
Supervised By : mohammad ahmed 03/28/2024



#88

Benzo(b)fluoranthene

Concen: 47.604 ng

RT: 22.868 min Scan# 3363

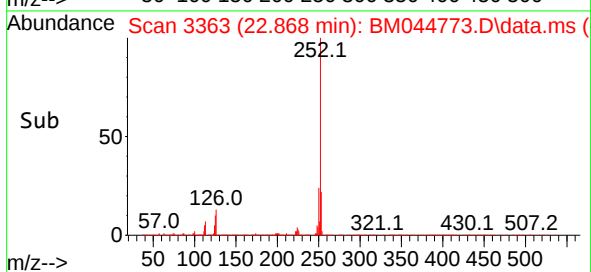
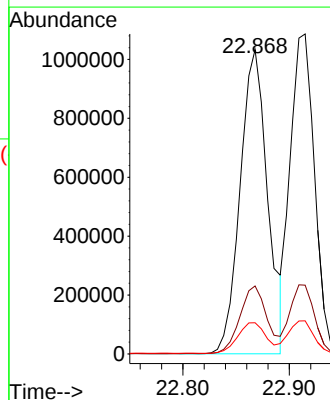
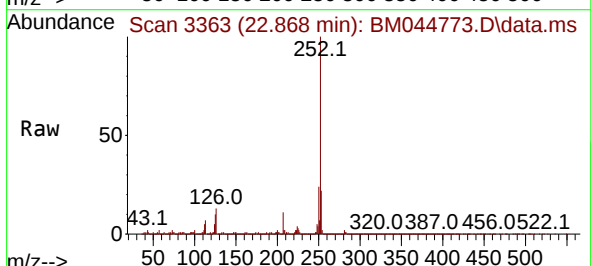
Delta R.T. -0.006 min

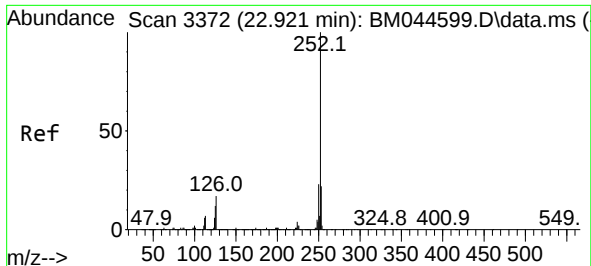
Lab File: BM044773.D

Acq: 26 Mar 2024 17:50

Tgt Ion: 252 Resp: 1849240

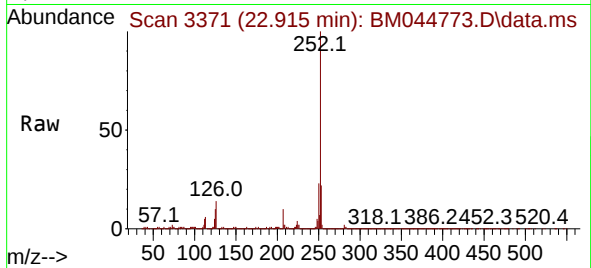
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.3	9.6	14.4





#89
Benzo(k)fluoranthene
Concen: 42.888 ng
RT: 22.915 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50

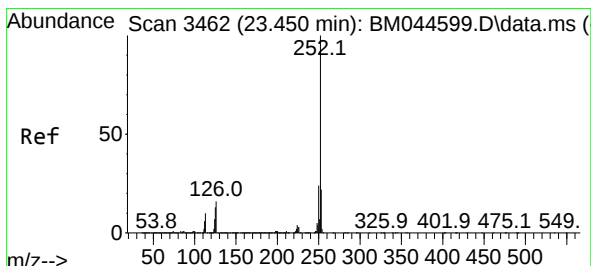
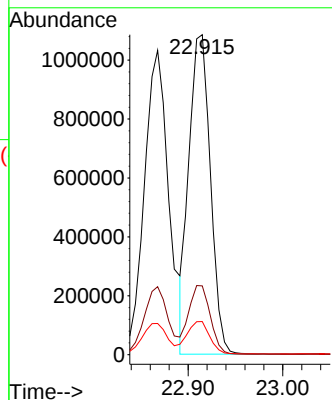
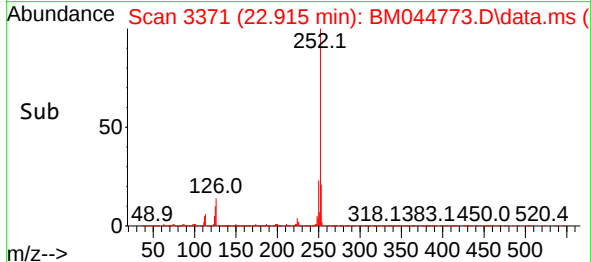
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MSD



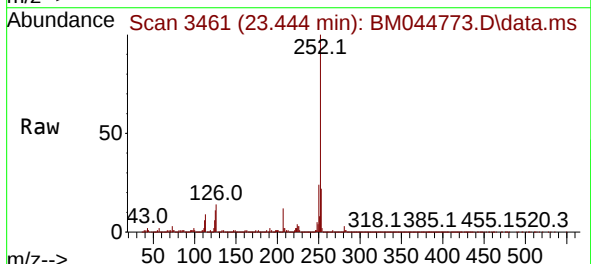
Tgt Ion:252 Resp: 171274
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 10.4 9.4 14.0

Manual Integrations
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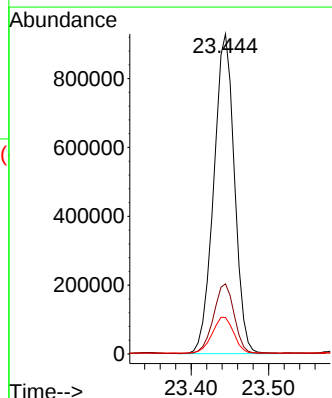
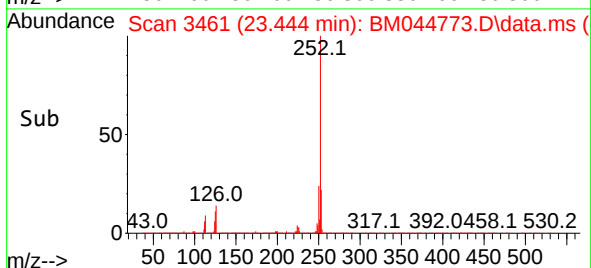
Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024

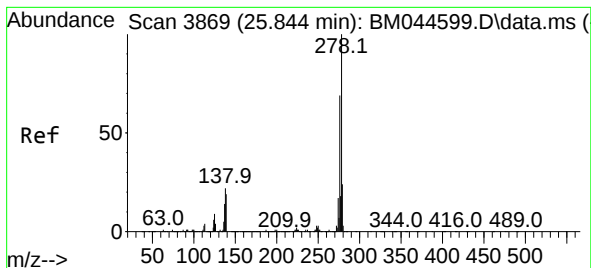


#90
Benzo(a)pyrene
Concen: 45.444 ng
RT: 23.444 min Scan# 3461
Delta R.T. -0.006 min
Lab File: BM044773.D
Acq: 26 Mar 2024 17:50



Tgt Ion:252 Resp: 1721846
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 11.4 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 44.990 ng

RT: 25.832 min Scan# 3867

Delta R.T. -0.012 min

Lab File: BM044773.D

Acq: 26 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MSD

Tgt Ion:278 Resp: 181246

Ion Ratio Lower Upper

278 100

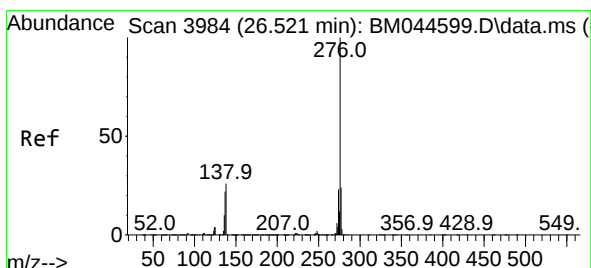
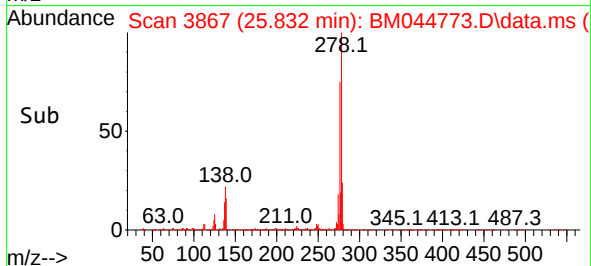
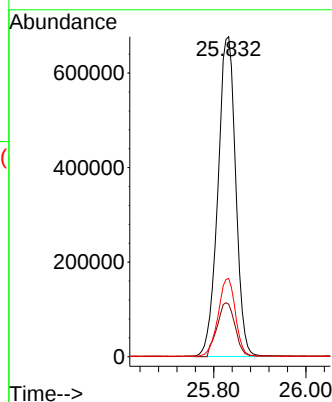
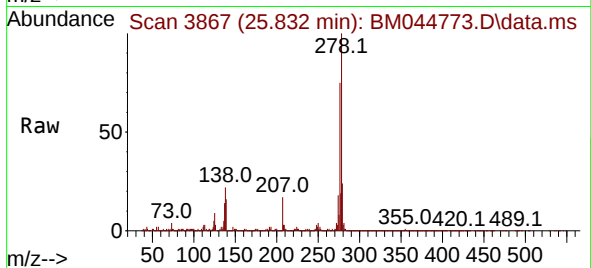
139 16.4 15.0 22.6

279 24.5 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024



#92

Benzo(g,h,i)perylene

Concen: 43.622 ng

RT: 26.509 min Scan# 3982

Delta R.T. -0.012 min

Lab File: BM044773.D

Acq: 26 Mar 2024 17:50

Tgt Ion:276 Resp: 1729935

Ion Ratio Lower Upper

276 100

277 23.3 19.3 28.9

138 23.6 20.7 31.1

