

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137579.D
 Acq On : 13 Mar 2024 16:21
 Operator : CG\JU
 Sample : P1733-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

Quant Time: Mar 13 16:51:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	196309	20.000	ng	0.02
21) Naphthalene-d8	8.192	136	789766	20.000	ng	0.02
39) Acenaphthene-d10	9.945	164	436022	20.000	ng	0.01
64) Phenanthrene-d10	11.439	188	692186	20.000	ng	0.00
76) Chrysene-d12	14.110	240	395934	20.000	ng	0.01
86) Perylene-d12	15.668	264	455740	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	1015818	78.371	ng	0.03
7) Phenol-d6	6.569	99	1399614	74.807	ng	0.01
23) Nitrobenzene-d5	7.481	82	852766	50.171	ng	0.01
42) 2,4,6-Tribromophenol	10.745	330	300869	78.576	ng	0.01
45) 2-Fluorobiphenyl	9.269	172	1396074	50.120	ng	0.01
79) Terphenyl-d14	13.045	244	1281160	44.496	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.899	88	259209	36.574	ng	98
3) Pyridine	3.681	79	618412	36.180	ng	97
4) n-Nitrosodimethylamine	3.663	42	276650	40.594	ng	95
6) Aniline	6.593	93	546757	23.916	ng	97
8) 2-Chlorophenol	6.710	128	600233	43.905	ng	96
9) Benzaldehyde	6.481	77	196500	21.438	ng	98
10) Phenol	6.581	94	834728	41.451	ng	98
11) bis(2-Chloroethyl)ether	6.663	93	622122	42.158	ng	99
12) 1,3-Dichlorobenzene	6.863	146	627943	42.984	ng	97
13) 1,4-Dichlorobenzene	6.940	146	640246	42.835	ng	99
14) 1,2-Dichlorobenzene	7.087	146	607506	44.281	ng	98
15) Benzyl Alcohol	7.063	79	558440	47.944	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.187	45	978379	38.570	ng	92
17) 2-Methylphenol	7.175	107	486786	38.052	ng	99
18) Hexachloroethane	7.422	117	221144	44.933	ng	96
19) n-Nitroso-di-n-propyla...	7.334	70	446253	38.625	ng	98
20) 3+4-Methylphenols	7.328	107	575802	39.301	ng	96
22) Acetophenone	7.328	105	780523	40.847	ng	98
24) Nitrobenzene	7.498	77	683920	40.055	ng	97
25) Isophorone	7.734	82	1295748	40.126	ng	97
26) 2-Nitrophenol	7.810	139	315255	46.505	ng	96
27) 2,4-Dimethylphenol	7.851	122	430639	33.998	ng	97
28) bis(2-Chloroethoxy)met...	7.945	93	785107	41.438	ng	98
29) 2,4-Dichlorophenol	8.051	162	504703	43.415	ng	98
30) 1,2,4-Trichlorobenzene	8.134	180	526308	43.022	ng	99
31) Naphthalene	8.210	128	1703194	40.195	ng	99
32) Benzoic acid	7.987	122	289257	40.750	ng	98
33) 4-Chloroaniline	8.263	127	147465	8.875	ng	99
34) Hexachlorobutadiene	8.328	225	303832	42.068	ng	100
35) Caprolactam	8.640	113	172399m	43.735	ng	
36) 4-Chloro-3-methylphenol	8.751	107	544852	41.930	ng	99
37) 2-Methylnaphthalene	8.904	142	1070703	39.637	ng	99
38) 1-Methylnaphthalene	9.004	142	987530	38.819	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	517268	42.494	ng	99
41) Hexachlorocyclopentadiene	9.051	237	360865	73.402	ng	99
43) 2,4,6-Trichlorophenol	9.181	196	345752	43.618	ng	99

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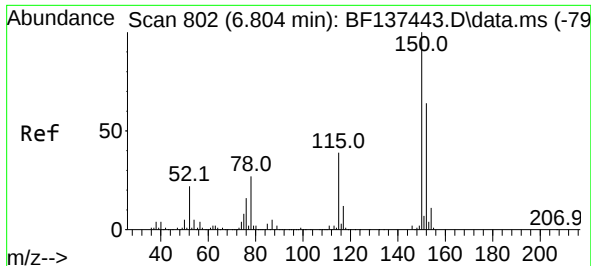
Quant Time: Mar 13 16:51:10 2024
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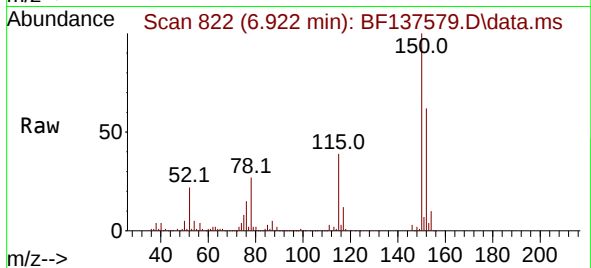
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	370328	40.556	ng	98
46) 1,1'-Biphenyl	9.369	154	1312238	41.119	ng	98
47) 2-Chloronaphthalene	9.392	162	993363	40.827	ng	99
48) 2-Nitroaniline	9.492	65	356350	43.090	ng	94
49) Acenaphthylene	9.810	152	1626701	41.777	ng	100
50) Dimethylphthalate	9.681	163	1258142	41.451	ng	99
51) 2,6-Dinitrotoluene	9.739	165	271230	42.724	ng	94
52) Acenaphthene	9.981	154	911468	39.209	ng	100
53) 3-Nitroaniline	9.910	138	157891	23.513	ng	93
54) 2,4-Dinitrophenol	10.022	184	232536	75.602	ng	92
55) Dibenzofuran	10.157	168	1381145	39.009	ng	99
56) 4-Nitrophenol	10.081	139	373051	78.195	ng	98
57) 2,4-Dinitrotoluene	10.145	165	332974	42.691	ng	93
58) Fluorene	10.498	166	1028156	37.812	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	299820	40.945	ng	95
60) Diethylphthalate	10.381	149	1176919	41.061	ng	100
61) 4-Chlorophenyl-phenyle...	10.492	204	518620	38.918	ng	99
62) 4-Nitroaniline	10.533	138	228066	39.516	ng	90
63) Azobenzene	10.657	77	1289317	39.065	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	177485	46.006	ng	86
66) n-Nitrosodiphenylamine	10.616	169	960743	43.103	ng	99
67) 4-Bromophenyl-phenylether	10.986	248	336253	44.601	ng	99
68) Hexachlorobenzene	11.051	284	353516	46.426	ng	# 90
69) Atrazine	11.151	200	307736	45.416	ng	97
70) Pentachlorophenol	11.251	266	357684	77.703	ng	99
71) Phenanthrene	11.469	178	1514590	40.207	ng	99
72) Anthracene	11.522	178	1556513	40.231	ng	100
73) Carbazole	11.680	167	1317278	39.749	ng	99
74) Di-n-butylphthalate	12.016	149	1715724	43.514	ng	100
75) Fluoranthene	12.663	202	1411286	38.328	ng	99
77) Benzidine	12.798	184	506654	52.290	ng	98
78) Pyrene	12.892	202	1438351	37.023	ng	99
80) Butylbenzylphthalate	13.527	149	561325	56.575	ng	100
81) Benzo(a)anthracene	14.098	228	1165275	41.991	ng	99
82) 3,3'-Dichlorobenzidine	14.063	252	333785	45.167	ng	99
83) Chrysene	14.133	228	1192179	42.506	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	784914	62.241	ng	# 98
85) Di-n-octyl phthalate	14.727	149	1441797	58.000	ng	97
87) Indeno(1,2,3-cd)pyrene	17.315	276	1119333	37.322	ng	98
88) Benzo(b)fluoranthene	15.198	252	1214040	45.033	ng	100
89) Benzo(k)fluoranthene	15.233	252	1140934	39.402	ng	99
90) Benzo(a)pyrene	15.604	252	1117734	42.073	ng	99
91) Dibenzo(a,h)anthracene	17.345	278	904069	37.160	ng	98
92) Benzo(g,h,i)perylene	17.815	276	823035	32.941	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 802
Delta R.T. 0.018 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

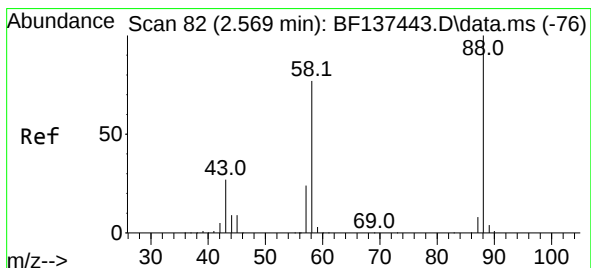
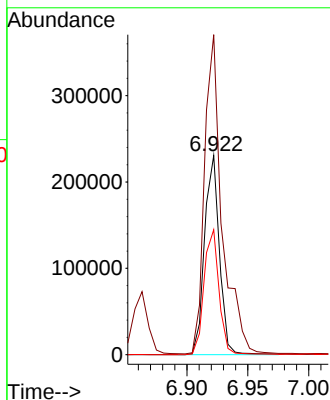
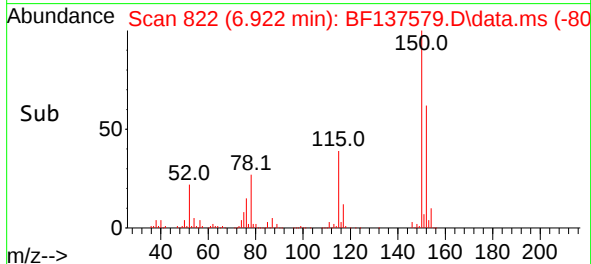
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:152 Resp: 196309
Ion Ratio Lower Upper
152 100
150 160.6 125.8 188.6
115 62.8 48.8 73.2

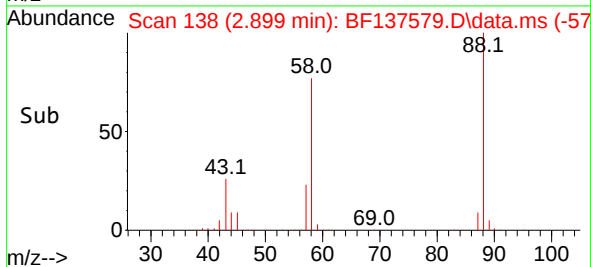
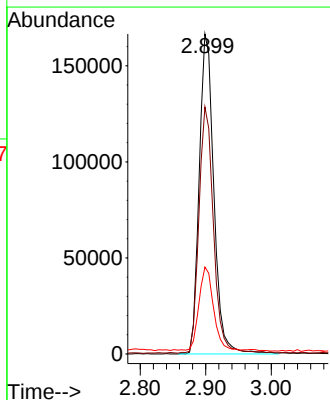
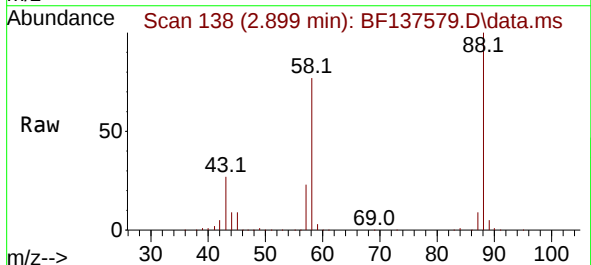
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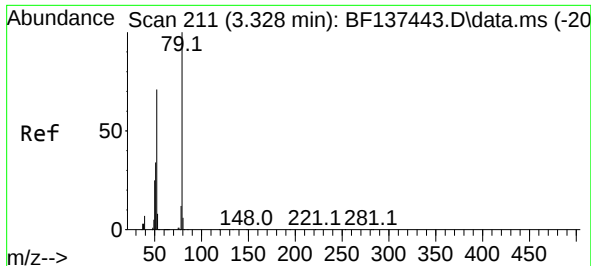
Reviewed By :Jagrut Upadhyay 03/14/2024
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#2
1,4-Dioxane
Concen: 36.574 ng
RT: 2.899 min Scan# 138
Delta R.T. 0.124 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

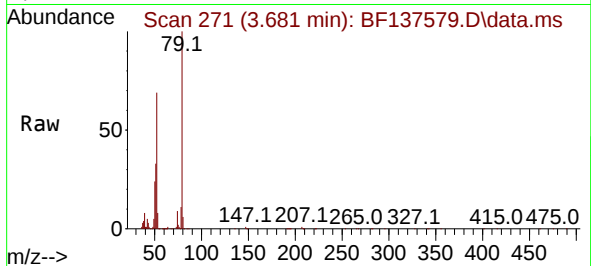
Tgt Ion: 88 Resp: 259209
Ion Ratio Lower Upper
88 100
58 76.7 61.8 92.8
43 25.5 22.2 33.4





#3
Pyridine
Concen: 36.180 ng
RT: 3.681 min Scan# 211
Delta R.T. 0.106 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

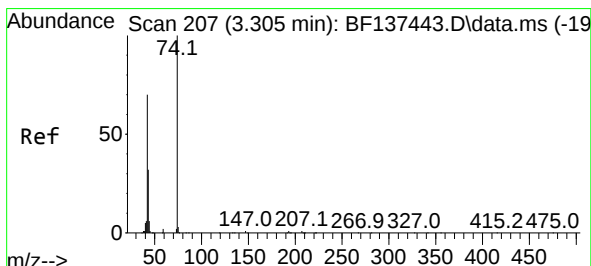
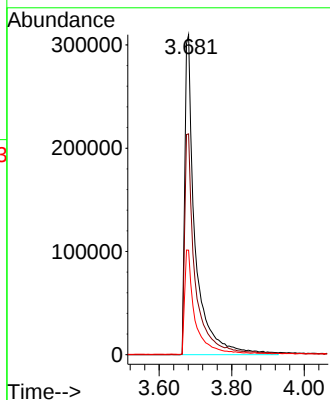
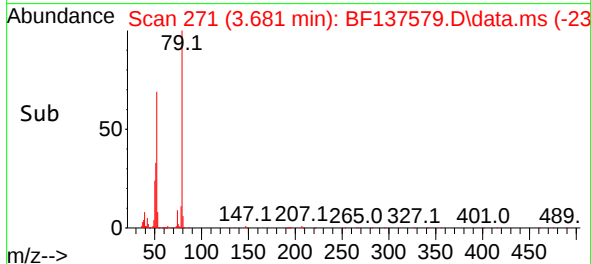
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



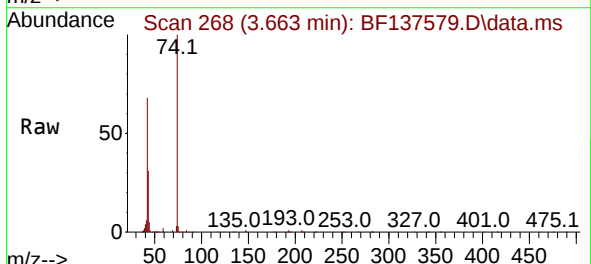
Tgt Ion: 79 Resp: 61841
Ion Ratio Lower Upper
79 100
52 69.0 57.0 85.4
51 32.7 27.5 41.3

Manual Integrations
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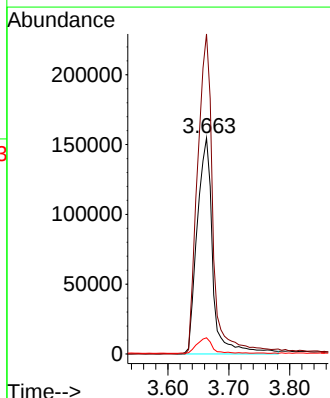
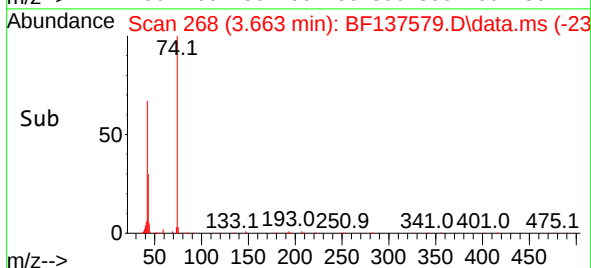
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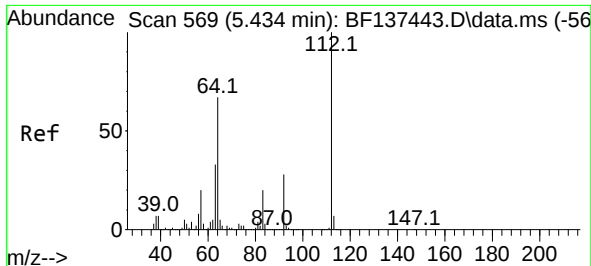


#4
n-Nitrosodimethylamine
Concen: 40.594 ng
RT: 3.663 min Scan# 268
Delta R.T. 0.094 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21



Tgt Ion: 42 Resp: 276650
Ion Ratio Lower Upper
42 100
74 148.1 114.0 171.0
44 7.5 7.0 10.4





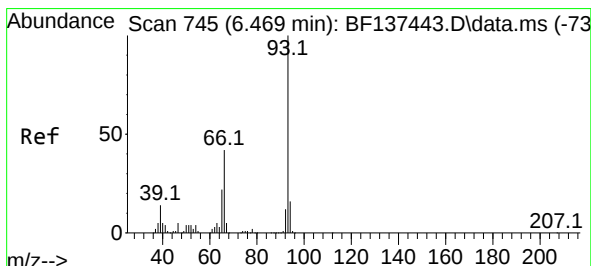
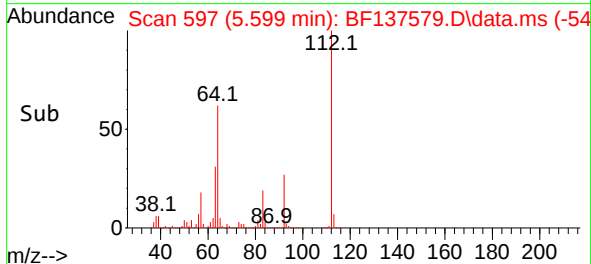
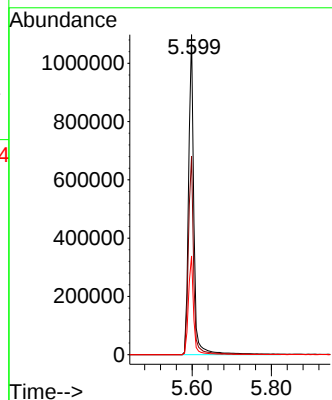
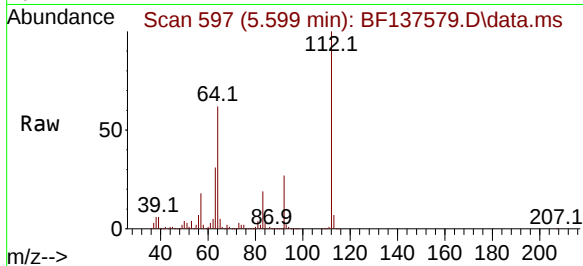
#5
2-Fluorophenol
Concen: 78.371 ng
RT: 5.599 min Scan# 51
Delta R.T. 0.030 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:112 Resp: 1015818
Ion Ratio Lower Upper
112 100
64 62.0 53.4 80.2
63 30.9 26.2 39.2

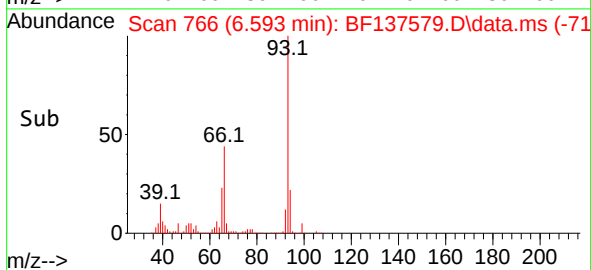
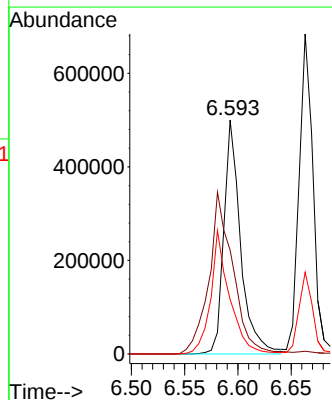
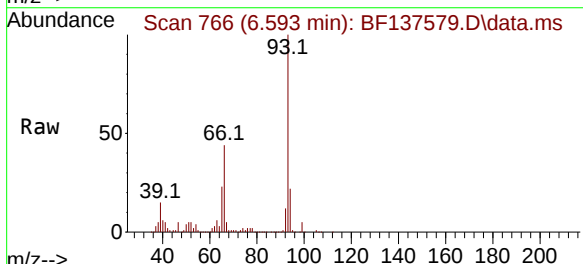
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#6
Aniline
Concen: 23.916 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion: 93 Resp: 546757
Ion Ratio Lower Upper
93 100
66 44.4 34.0 51.0
65 23.3 17.8 26.8





#7

Phenol-d6

Concen: 74.807 ng

RT: 6.569 min Scan# 70

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 99 Resp: 1399614

Ion Ratio Lower Upper

99 100

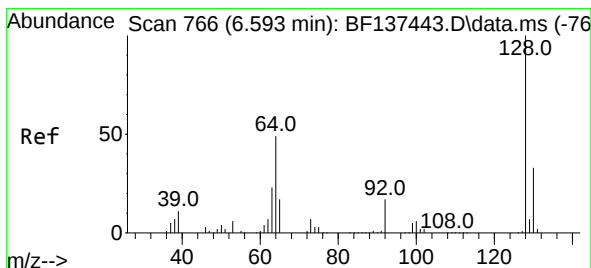
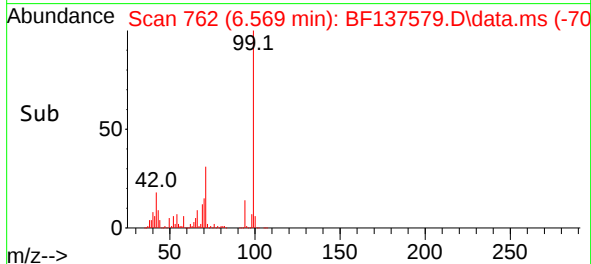
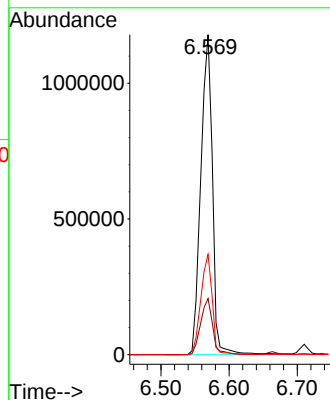
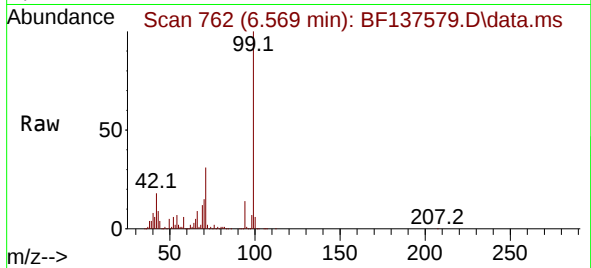
42 17.6 14.6 21.8

71 31.4 25.3 37.9

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#8

2-Chlorophenol

Concen: 43.905 ng

RT: 6.710 min Scan# 786

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

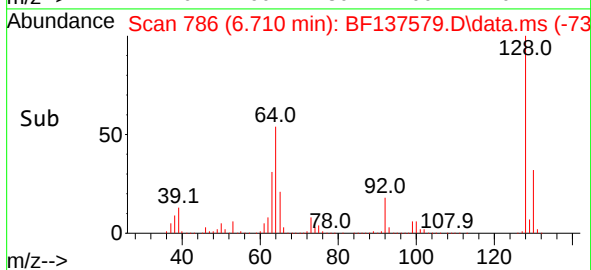
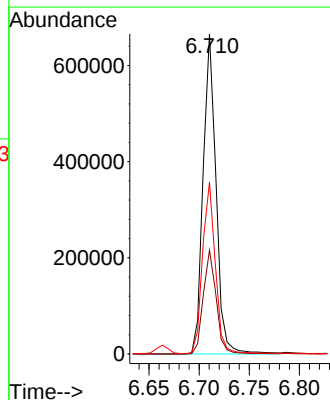
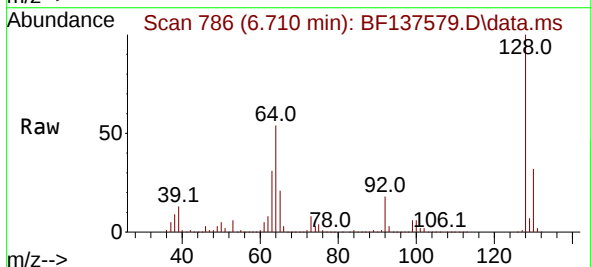
Tgt Ion:128 Resp: 600233

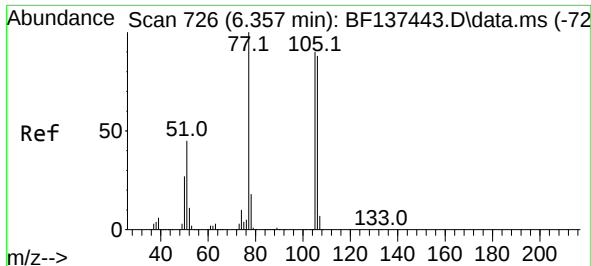
Ion Ratio Lower Upper

128 100

130 32.5 13.4 53.4

64 53.7 30.0 70.0





#9

Benzaldehyde

Concen: 21.438 ng

RT: 6.481 min Scan# 747

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 77 Resp: 196500

Ion Ratio Lower Upper

77 100

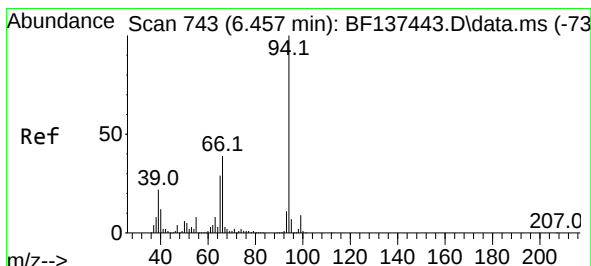
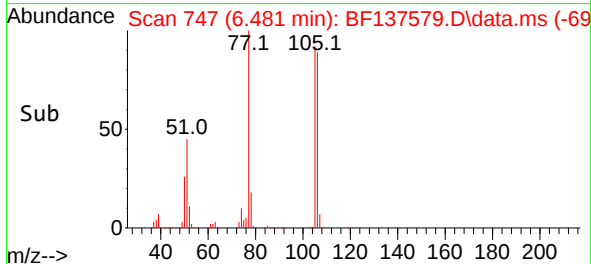
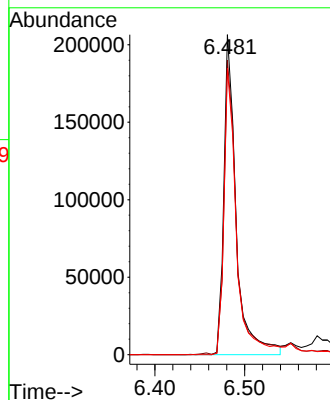
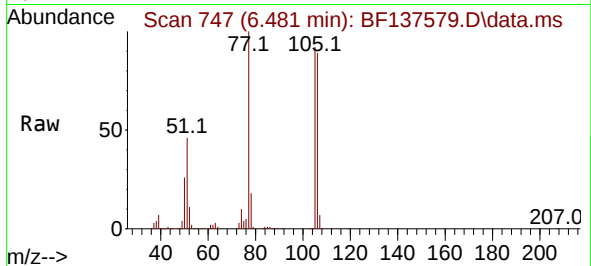
105 92.0 69.8 109.8

106 89.5 67.8 107.8

Manual Integrations

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Supervised By :mohammad ahmed 03/15/2024



#10

Phenol

Concen: 41.451 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

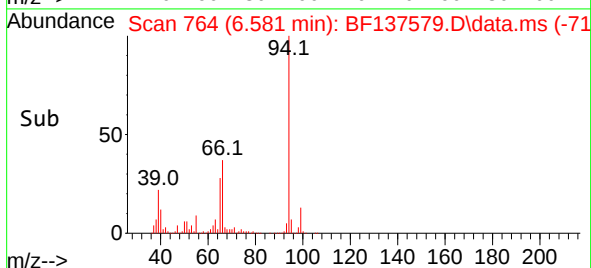
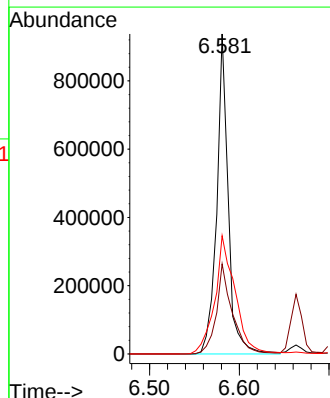
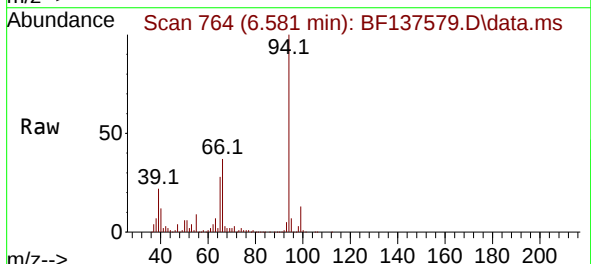
Tgt Ion: 94 Resp: 834728

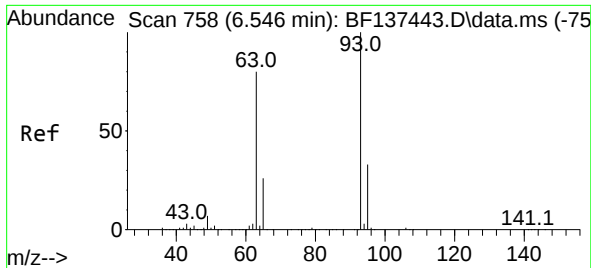
Ion Ratio Lower Upper

94 100

65 28.2 8.7 48.7

66 36.9 18.6 58.6





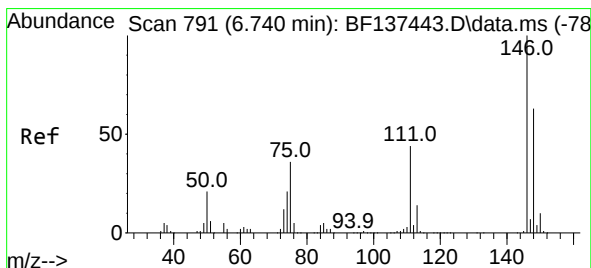
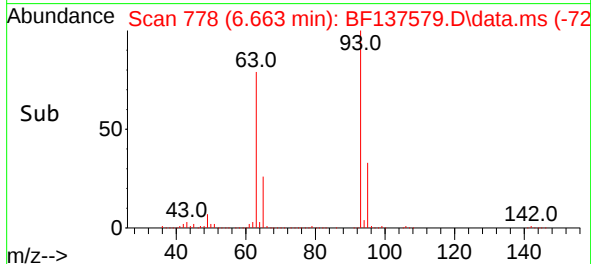
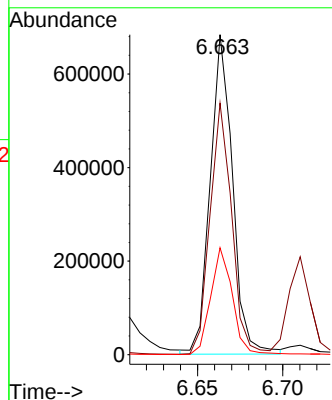
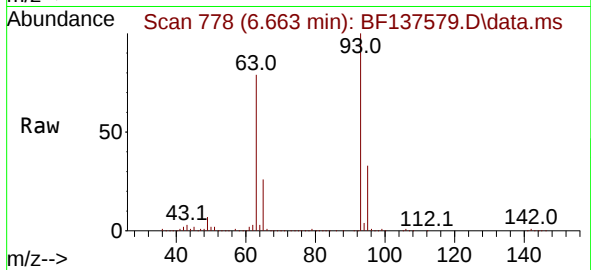
#11
bis(2-Chloroethyl)ether
Concen: 42.158 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 93 Resp: 62212
Ion Ratio Lower Upper
93 100
63 78.6 58.9 98.9
95 33.4 12.2 52.2

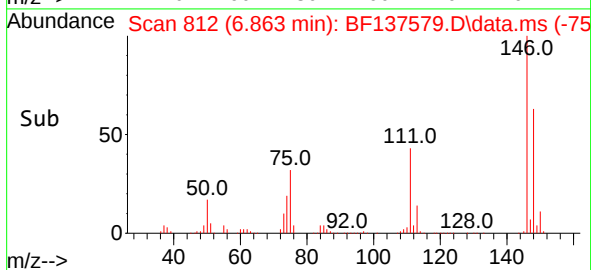
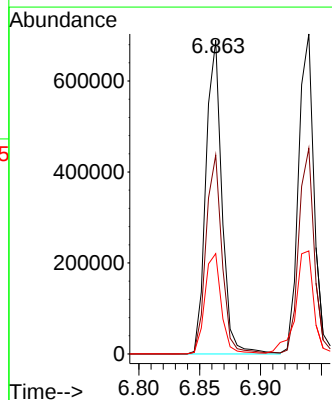
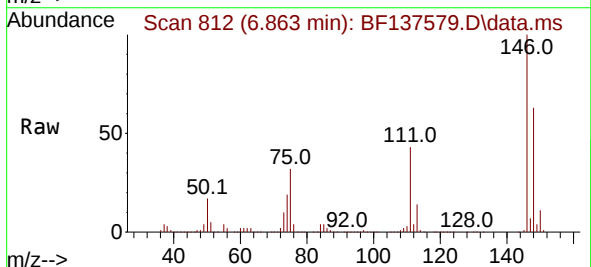
Manual Integrations
APPROVED

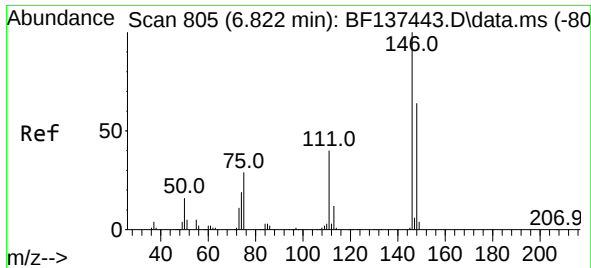
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#12
1,3-Dichlorobenzene
Concen: 42.984 ng
RT: 6.863 min Scan# 812
Delta R.T. 0.018 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:146 Resp: 627943
Ion Ratio Lower Upper
146 100
148 63.4 50.3 75.5
75 32.0 29.0 43.4





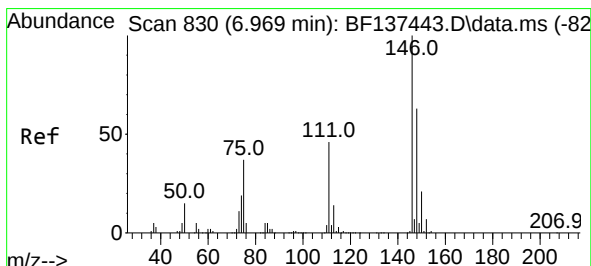
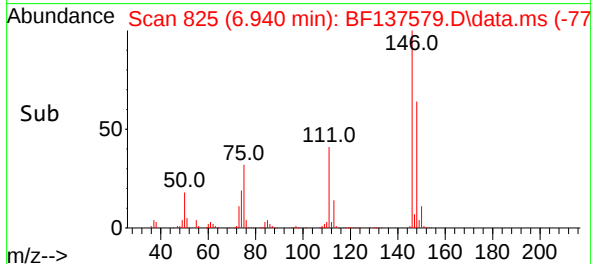
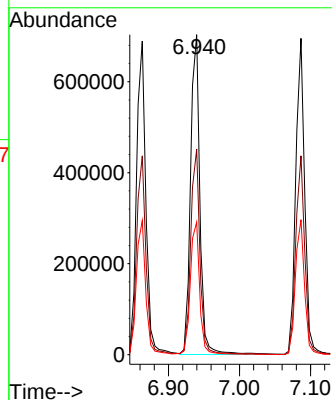
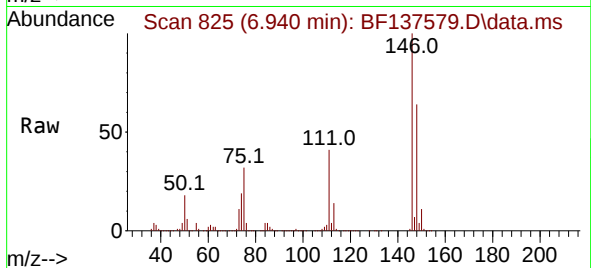
#13
1,4-Dichlorobenzene
Concen: 42.835 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:146 Resp: 640240
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 41.5 32.4 48.6

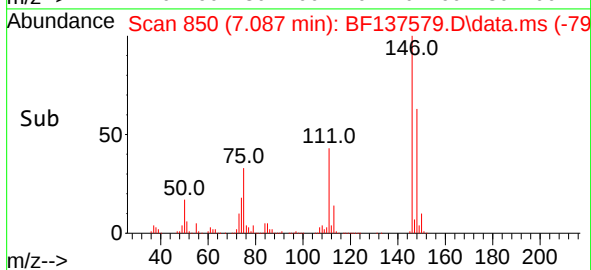
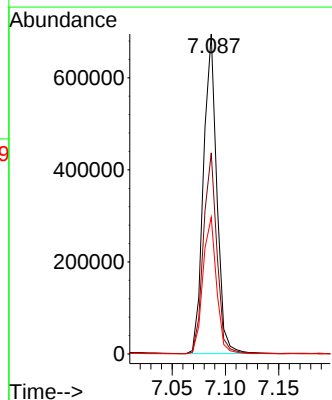
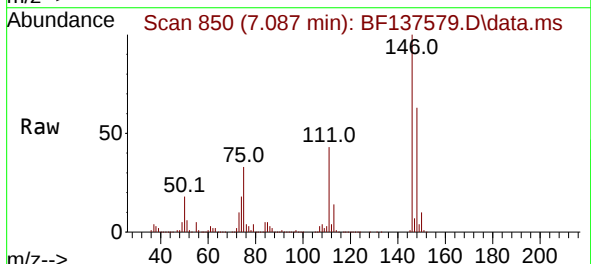
Manual Integrations
APPROVED

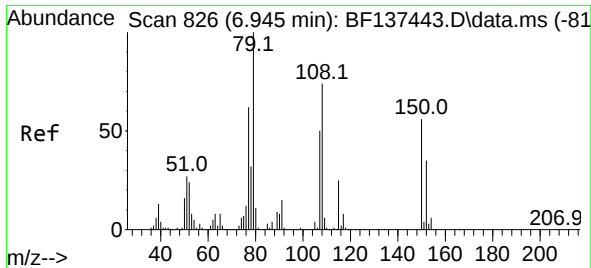
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#14
1,2-Dichlorobenzene
Concen: 44.281 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

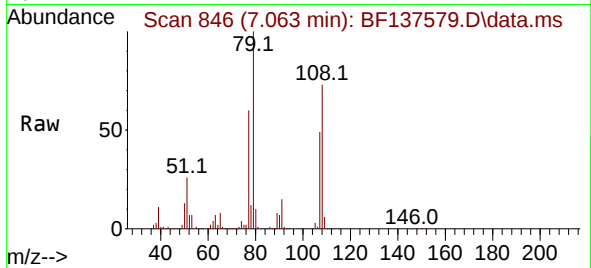
Tgt Ion:146 Resp: 607506
Ion Ratio Lower Upper
146 100
148 62.9 50.0 75.0
111 42.7 36.8 55.2





#15
Benzyl Alcohol
Concen: 47.944 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

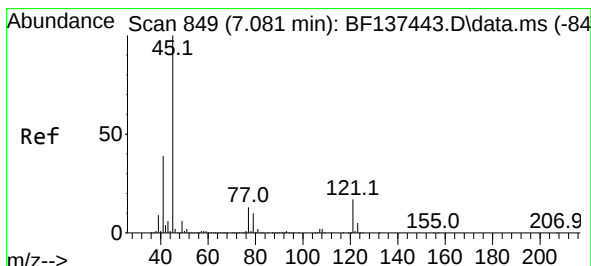
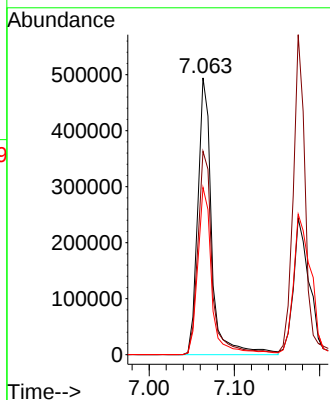
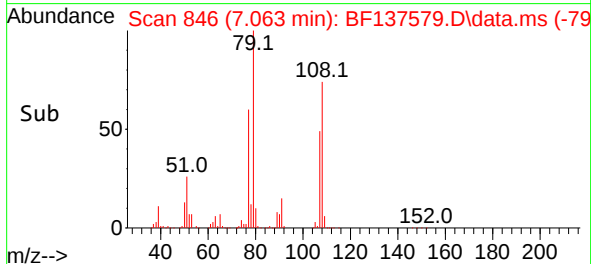
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



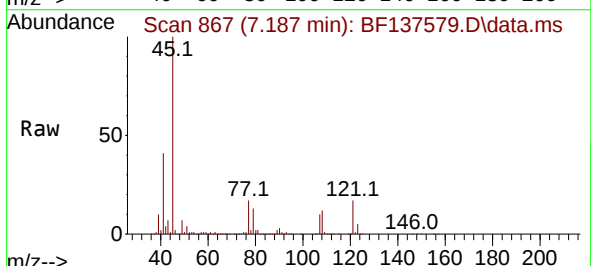
Tgt Ion: 79 Resp: 558440
Ion Ratio Lower Upper
79 100
108 73.5 59.5 89.3
77 60.4 50.0 75.0

Manual Integrations
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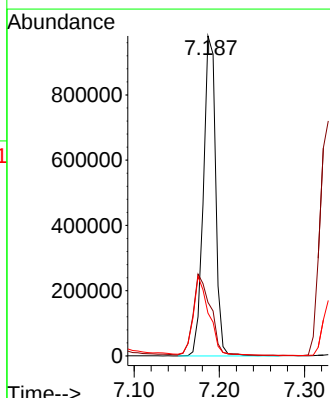
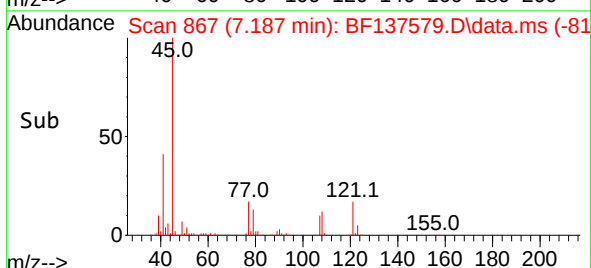
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.570 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21



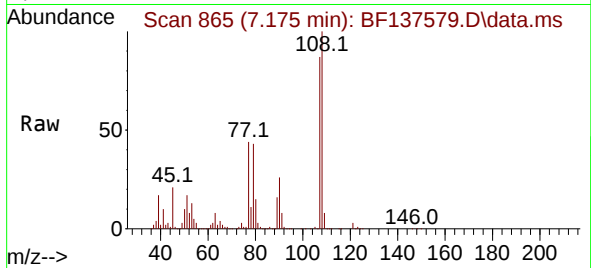
Tgt Ion: 45 Resp: 978379
Ion Ratio Lower Upper
45 100
77 16.8 0.0 33.4
79 13.4 0.0 30.9





#17
2-Methylphenol
Concen: 38.052 ng
RT: 7.175 min Scan# 80
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

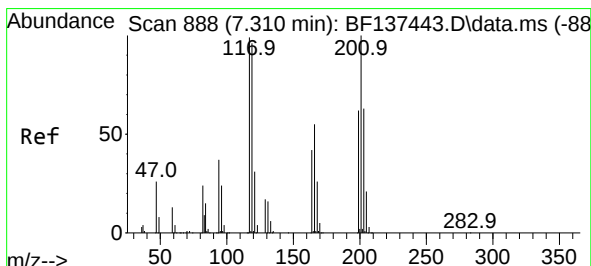
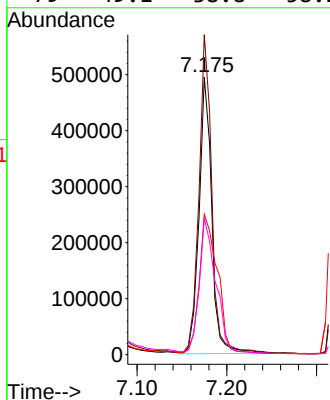
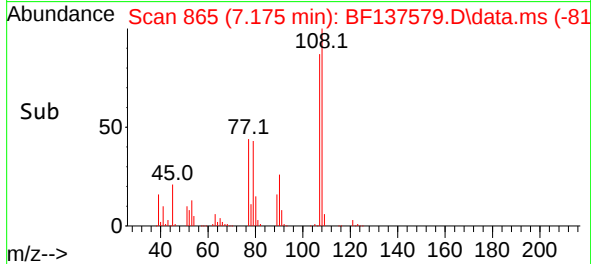
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:107 Resp: 486780
Ion Ratio Lower Upper
107 100
108 115.2 92.2 138.4
77 50.6 38.6 57.8
79 49.1 38.8 58.2

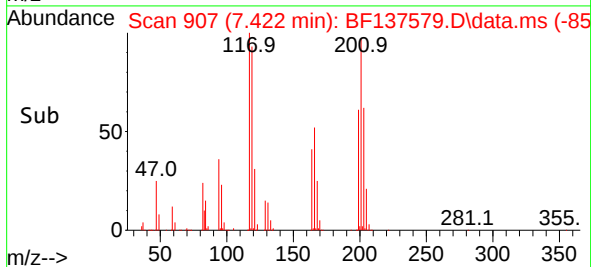
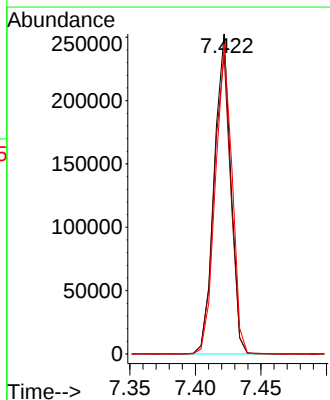
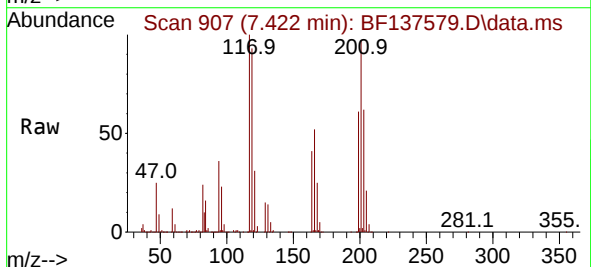
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#18
Hexachloroethane
Concen: 44.933 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

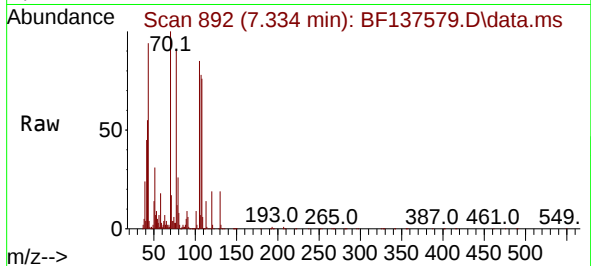
Tgt Ion:117 Resp: 221144
Ion Ratio Lower Upper
117 100
119 93.3 77.5 116.3
201 96.8 80.6 121.0





#19
n-Nitroso-di-n-propylamine
Concen: 38.625 ng
RT: 7.334 min Scan# 891
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

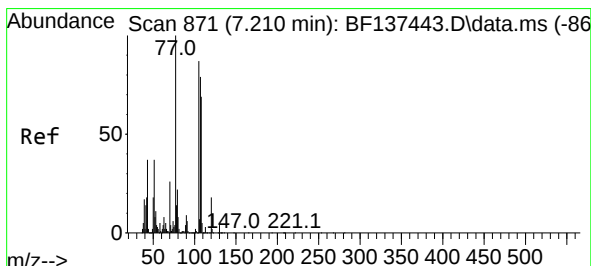
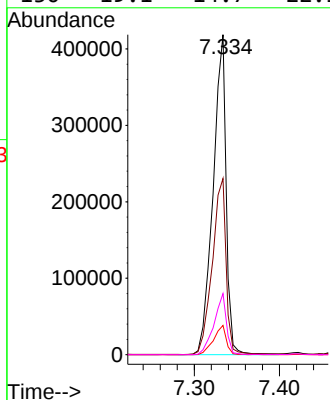
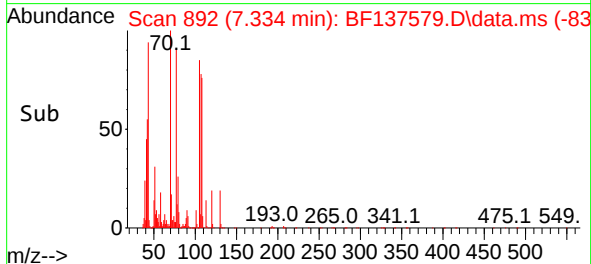
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



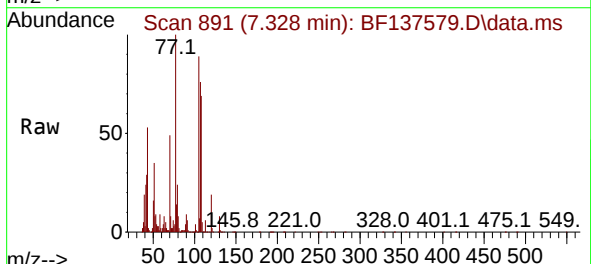
Tgt Ion: 70 Resp: 44625
Ion Ratio Lower Upper
70 100
42 55.0 45.2 67.8
101 9.2 7.3 10.9
130 19.1 14.7 22.1

Manual Integrations
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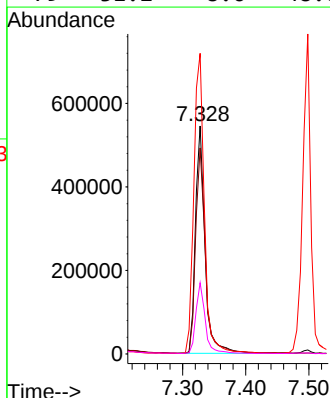
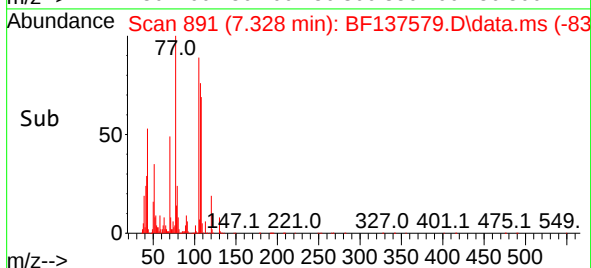
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

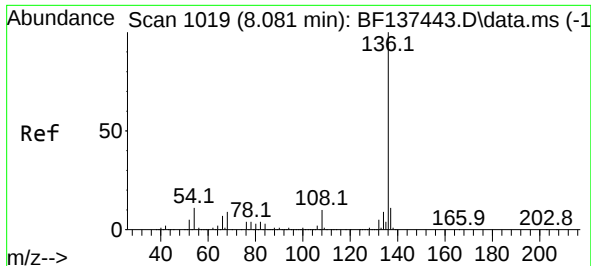


#20
3+4-Methylphenols
Concen: 39.301 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21



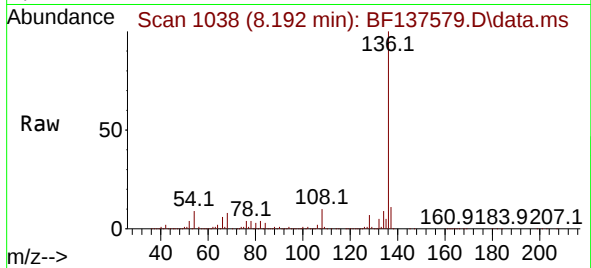
Tgt Ion:107 Resp: 575802
Ion Ratio Lower Upper
107 100
108 90.4 67.6 107.6
77 131.9 107.1 147.1
79 31.2 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1019
Delta R.T. 0.018 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

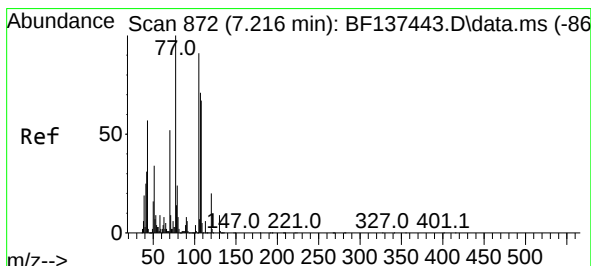
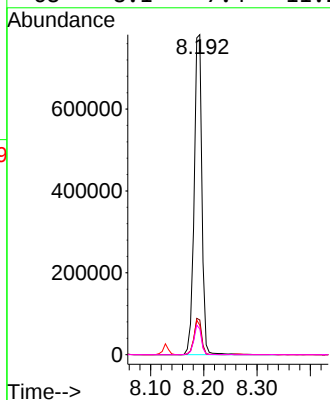
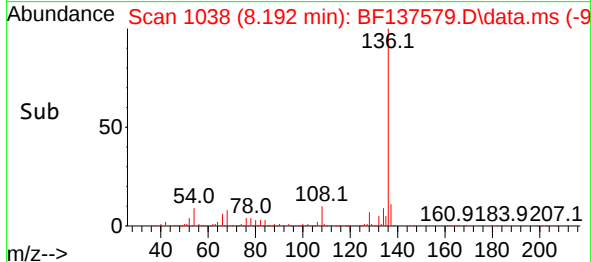
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:136 Resp: 789760
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 9.2 8.5 12.7
68 8.1 7.4 11.2

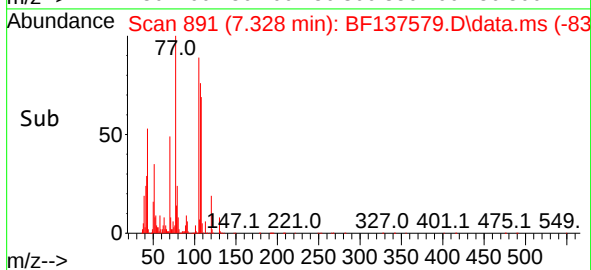
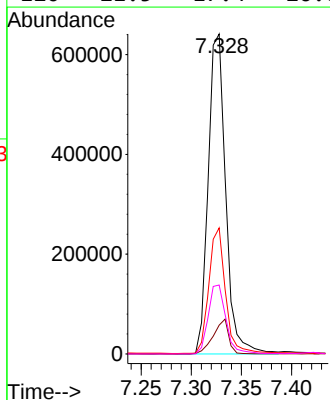
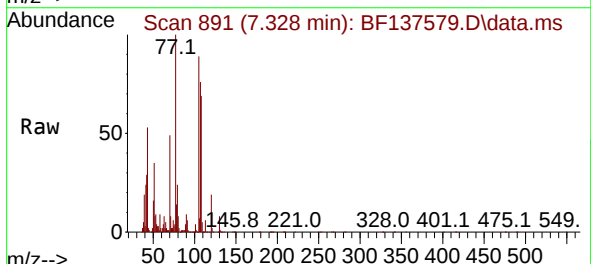
Manual Integrations
APPROVED

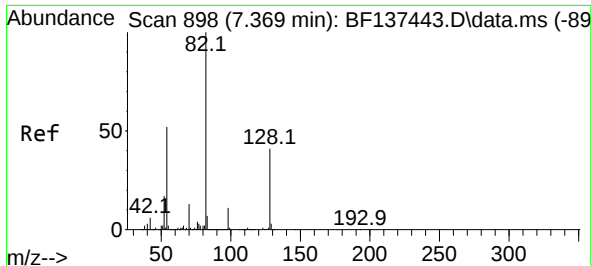
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#22
Acetophenone
Concen: 40.847 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:105 Resp: 780523
Ion Ratio Lower Upper
105 100
71 9.0 7.7 11.5
51 39.4 30.4 45.6
120 21.5 17.4 26.0





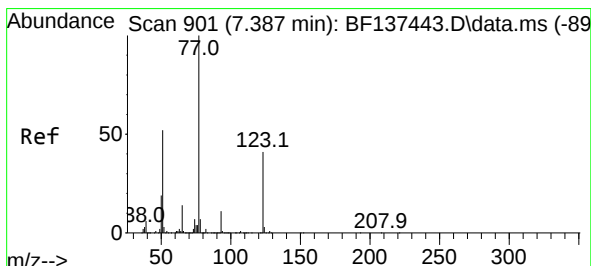
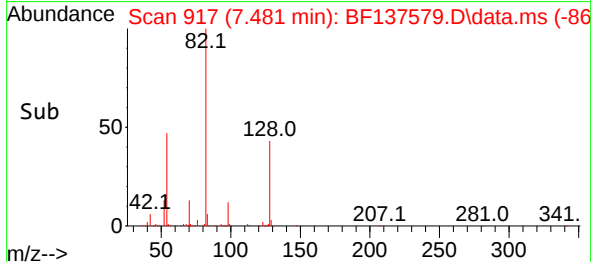
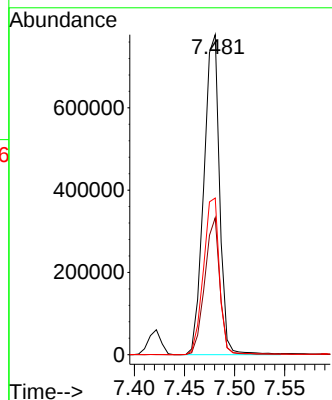
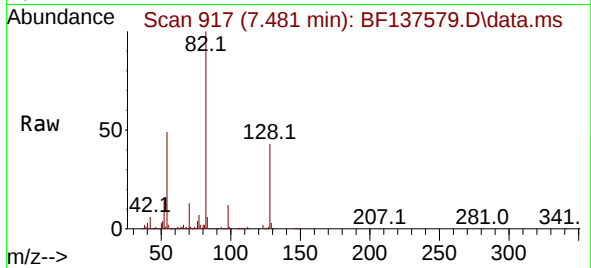
#23
Nitrobenzene-d5
Concen: 50.171 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 82 Resp: 852760
Ion Ratio Lower Upper
82 100
128 42.8 32.5 48.7
54 49.0 41.5 62.3

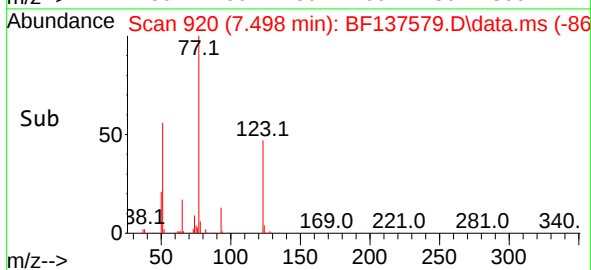
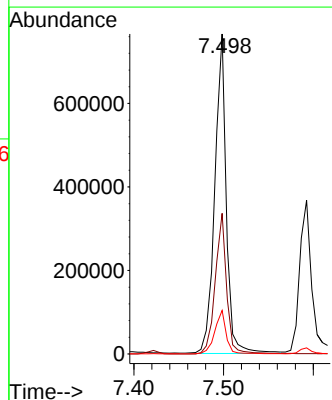
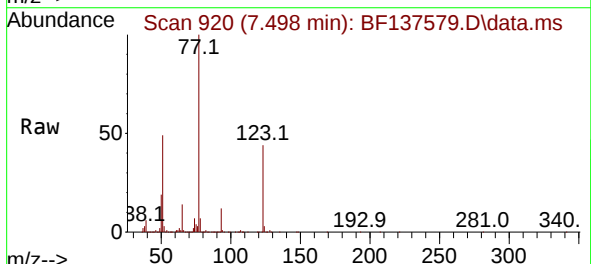
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#24
Nitrobenzene
Concen: 40.055 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

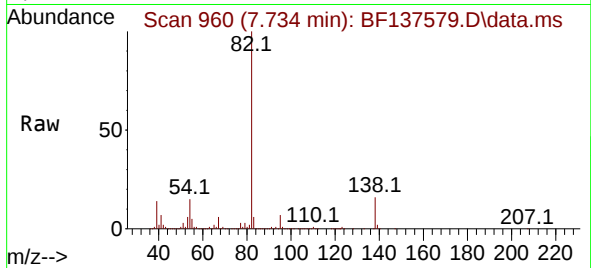
Tgt Ion: 77 Resp: 683920
Ion Ratio Lower Upper
77 100
123 43.9 33.0 49.6
65 13.6 10.9 16.3





#25
Isophorone
Concen: 40.126 ng
RT: 7.734 min Scan# 901
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

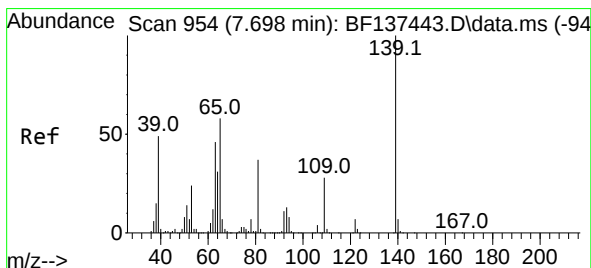
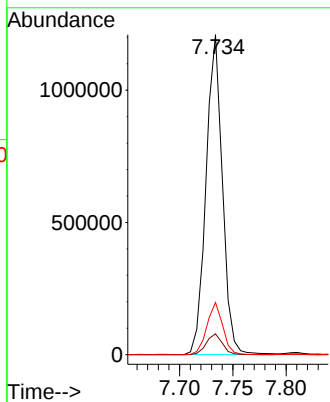
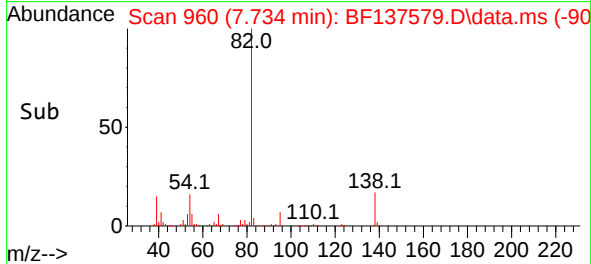
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion: 82 Resp: 1295748
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 16.3 11.8 17.8

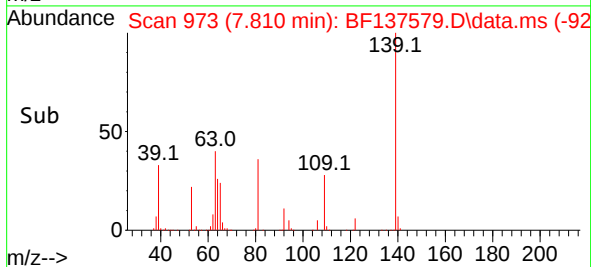
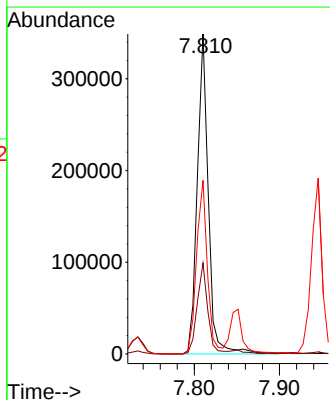
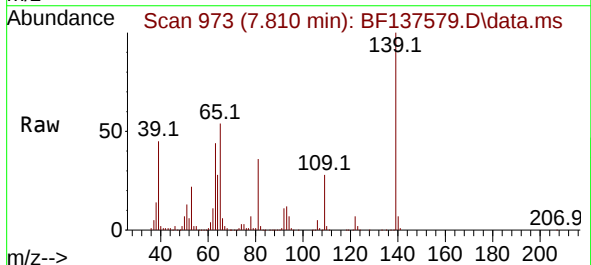
Manual Integrations
APPROVED

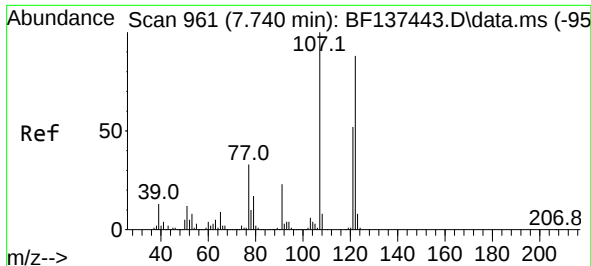
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#26
2-Nitrophenol
Concen: 46.505 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:139 Resp: 315255
Ion Ratio Lower Upper
139 100
109 28.4 22.2 33.4
65 54.2 46.2 69.2





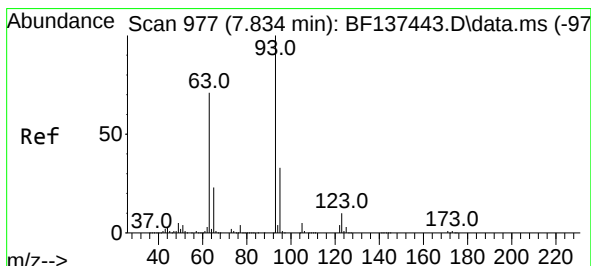
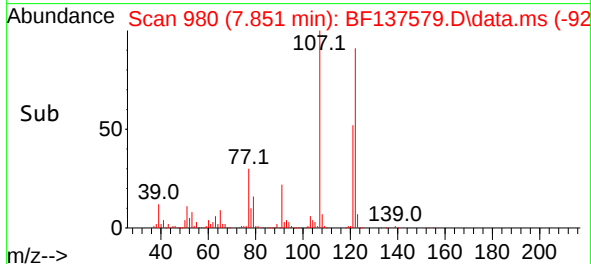
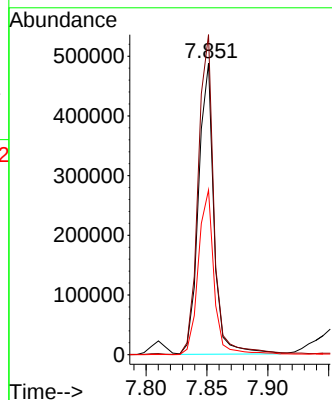
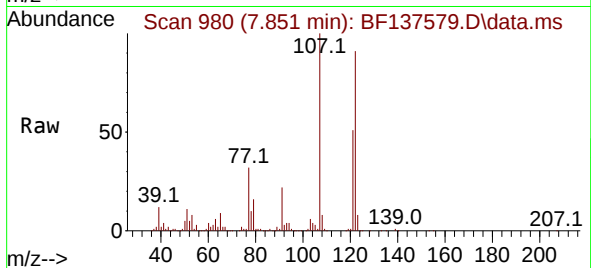
#27
2,4-Dimethylphenol
Concen: 33.998 ng
RT: 7.851 min Scan# 90
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:122 Resp: 430639
Ion Ratio Lower Upper
122 100
107 109.8 90.9 136.3
121 56.5 47.0 70.6

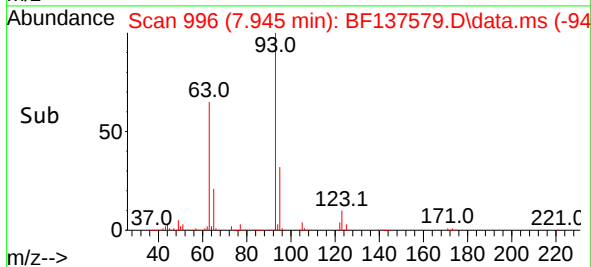
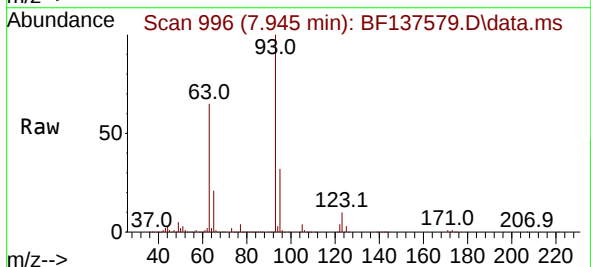
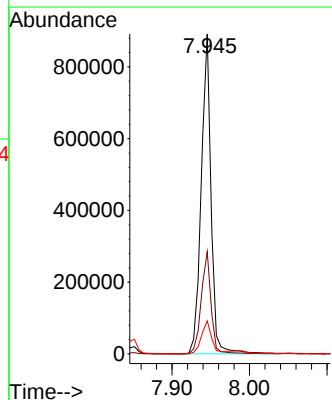
Manual Integrations
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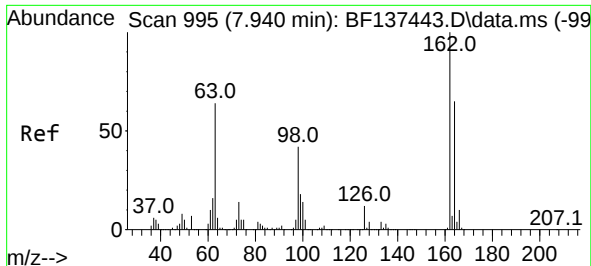
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.438 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion: 93 Resp: 785107
Ion Ratio Lower Upper
93 100
95 32.0 26.5 39.7
123 10.4 8.0 12.0





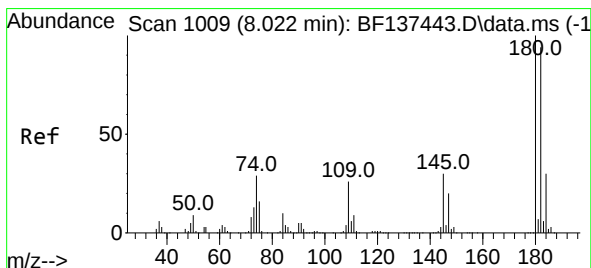
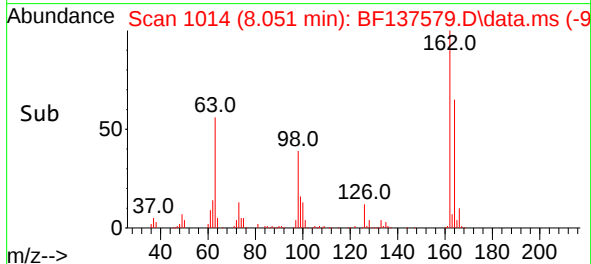
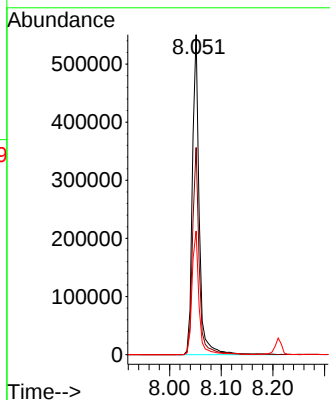
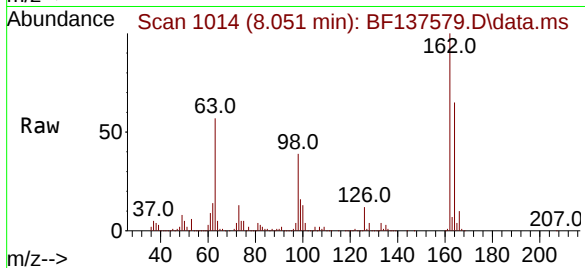
#29
2,4-Dichlorophenol
Concen: 43.415 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:162 Resp: 50470
Ion Ratio Lower Upper
162 100
164 64.8 44.7 84.7
98 38.6 22.0 62.0

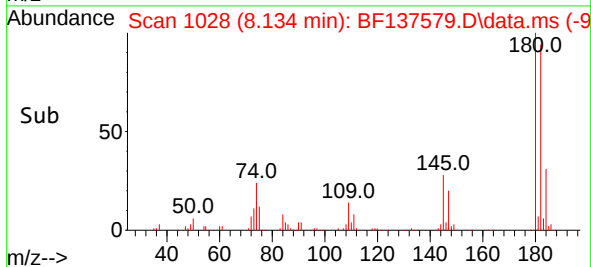
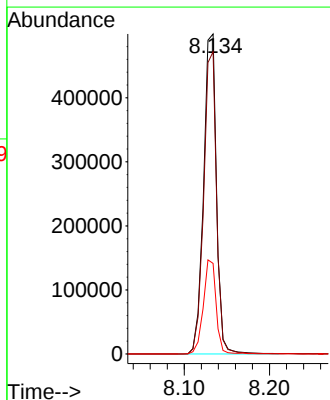
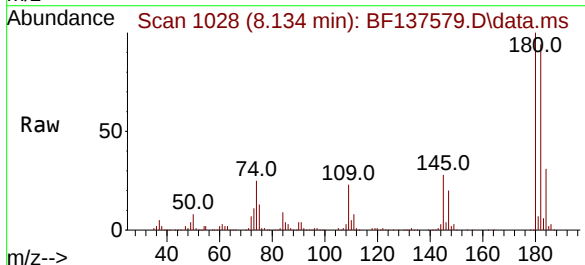
Manual Integrations
APPROVED

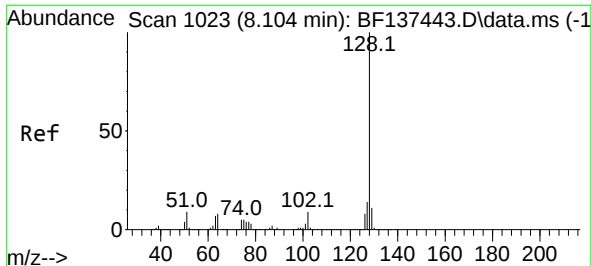
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.022 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.018 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

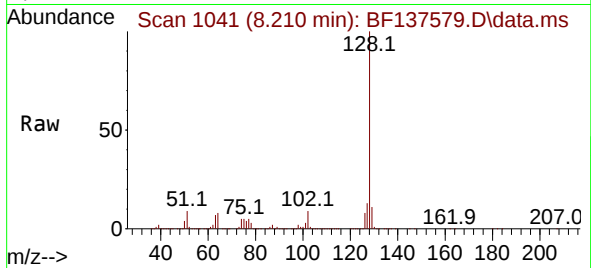
Tgt Ion:180 Resp: 526308
Ion Ratio Lower Upper
180 100
182 94.5 75.0 112.6
145 28.3 23.7 35.5





#31
Naphthalene
Concen: 40.195 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

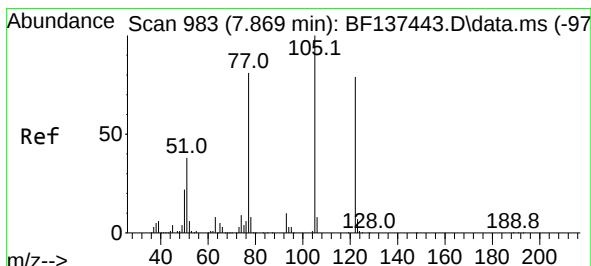
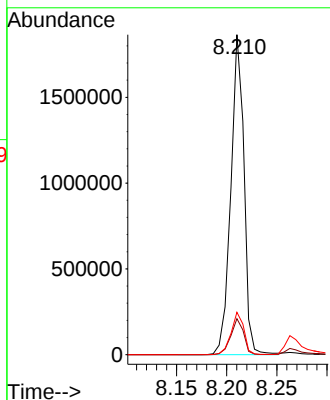
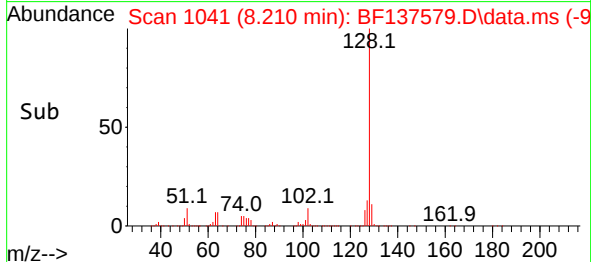
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:128 Resp: 1703194
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.3 10.8 16.2

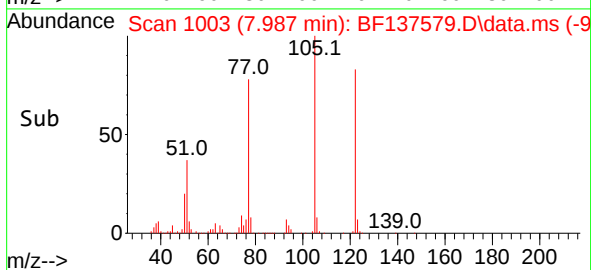
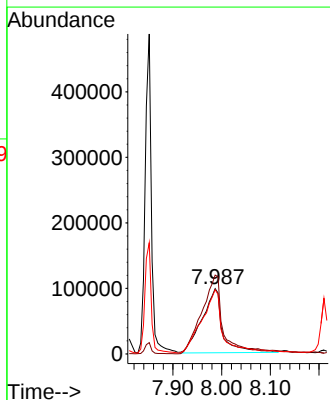
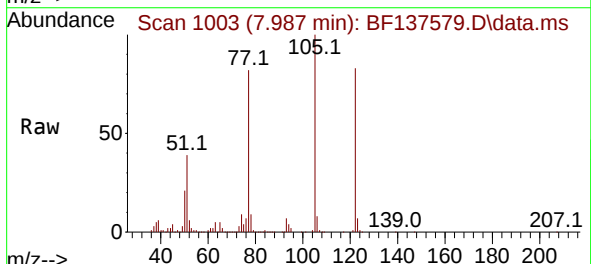
Manual Integrations
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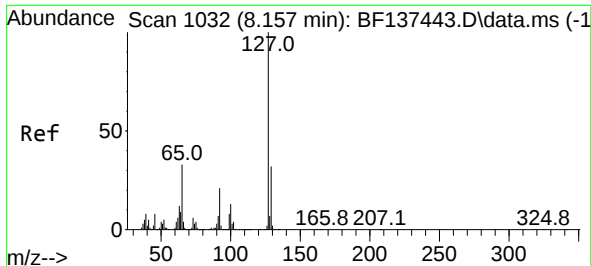
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#32
Benzoic acid
Concen: 40.750 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

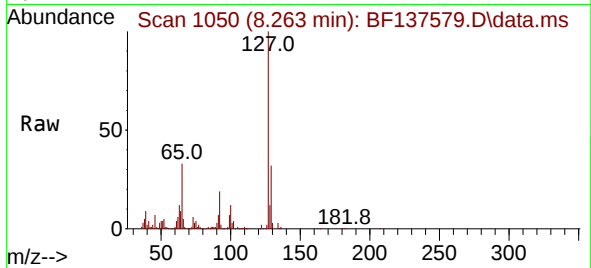
Tgt Ion:122 Resp: 289257
Ion Ratio Lower Upper
122 100
105 120.7 102.4 142.4
77 98.5 81.1 121.1





#33
4-Chloroaniline
Concen: 8.875 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

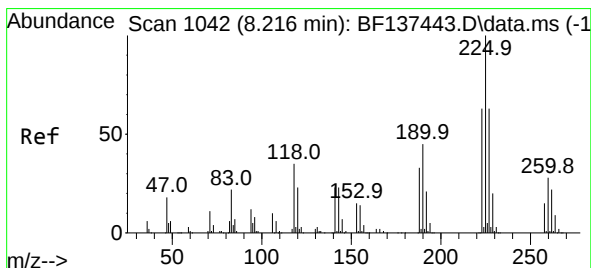
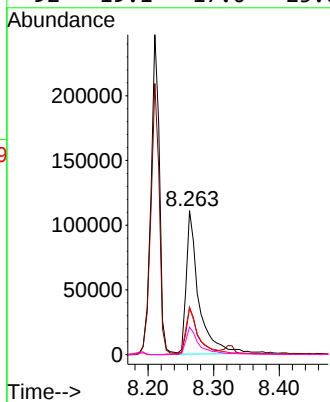
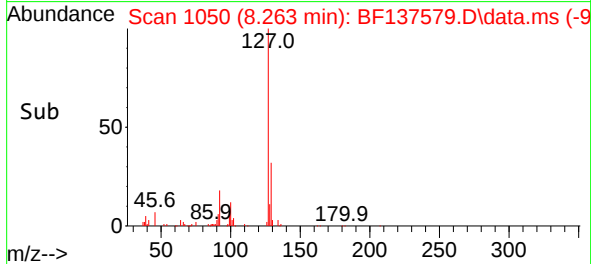
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:127 Resp: 14746
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 33.0 26.8 40.2
92 19.1 17.0 25.6

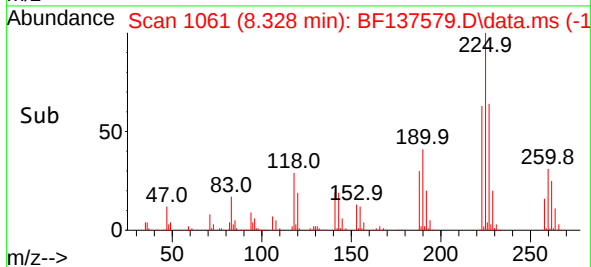
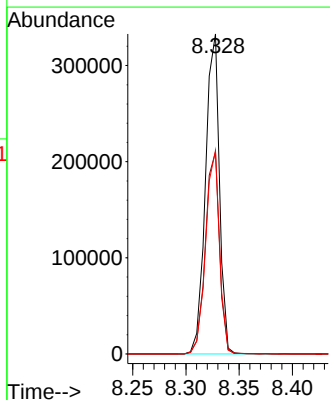
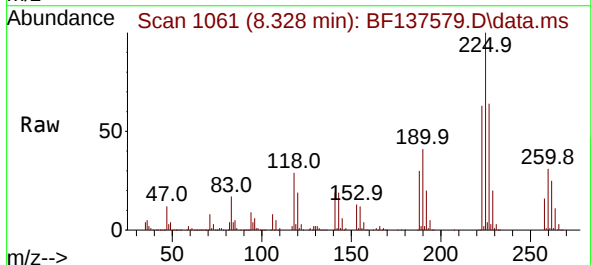
Manual Integrations
APPROVED

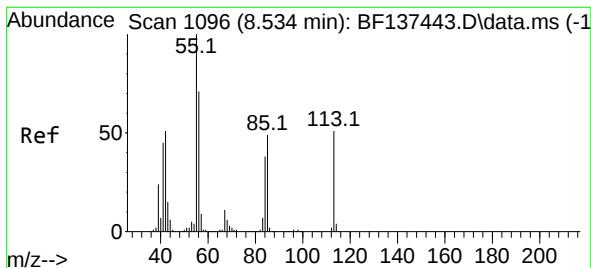
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#34
Hexachlorobutadiene
Concen: 42.068 ng
RT: 8.328 min Scan# 1061
Delta R.T. 0.018 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:225 Resp: 303832
Ion Ratio Lower Upper
225 100
223 63.1 50.7 76.1
227 63.6 50.6 75.8





#35

Caprolactam

Concen: 43.735 ng m

RT: 8.640 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:113 Resp: 172399

Ion Ratio Lower Upper

113 100

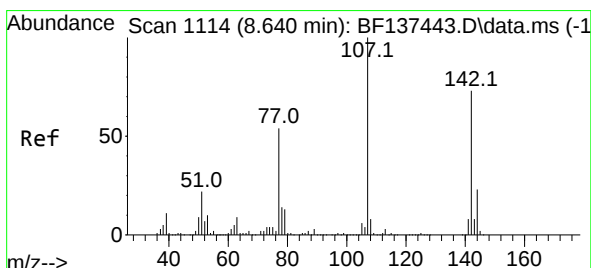
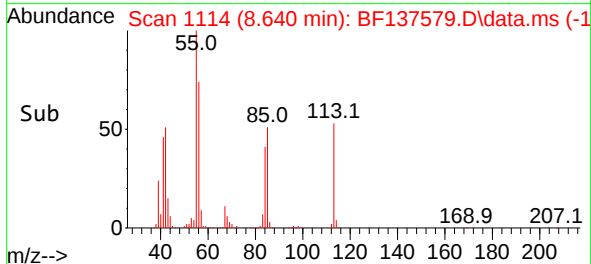
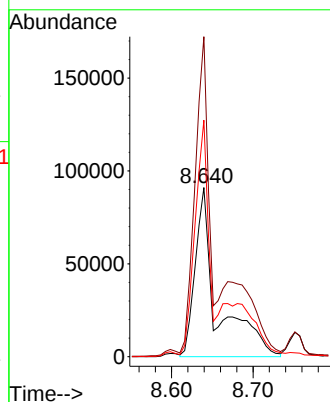
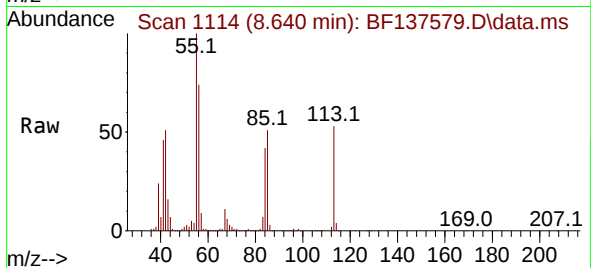
55 189.1 176.7 216.7

56 139.8 120.6 160.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#36

4-Chloro-3-methylphenol

Concen: 41.930 ng

RT: 8.751 min Scan# 1133

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

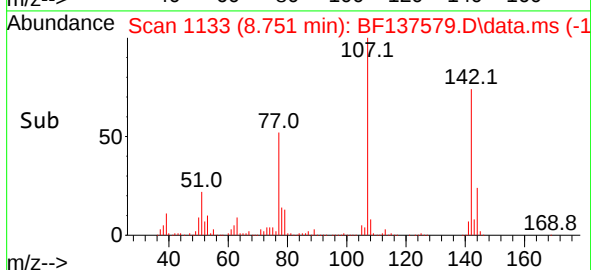
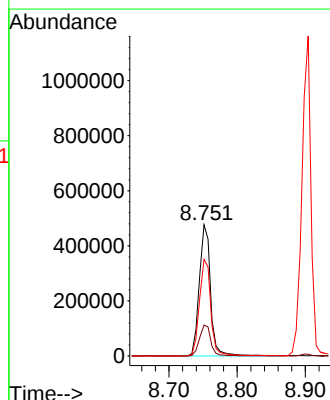
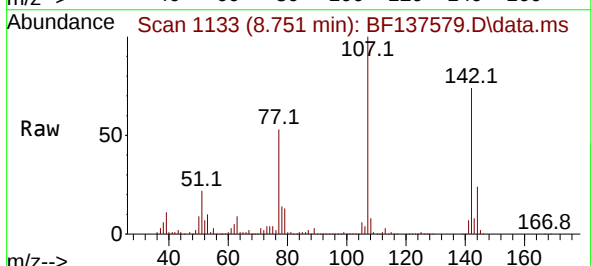
Tgt Ion:107 Resp: 544852

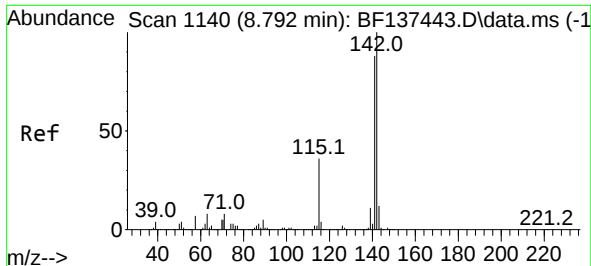
Ion Ratio Lower Upper

107 100

144 23.6 18.7 28.1

142 73.6 58.2 87.2





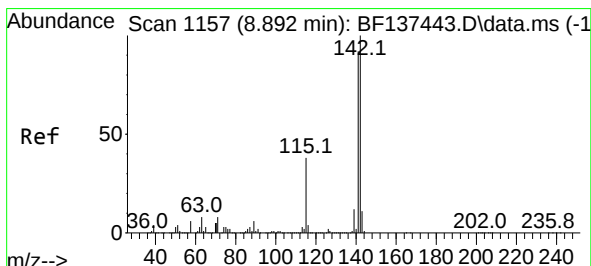
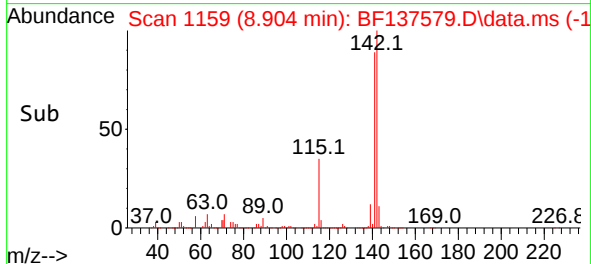
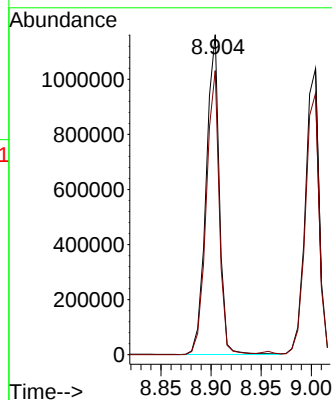
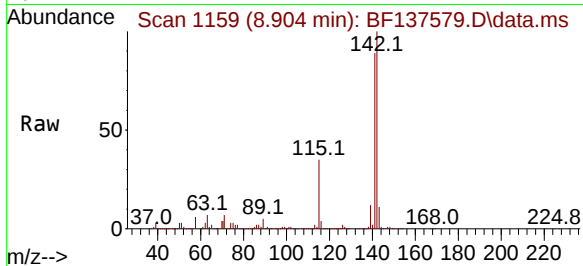
#37
2-Methylnaphthalene
Concen: 39.637 ng
RT: 8.904 min Scan# 1140
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:142 Resp: 107070
Ion Ratio Lower Upper
142 100
141 88.8 70.4 105.6

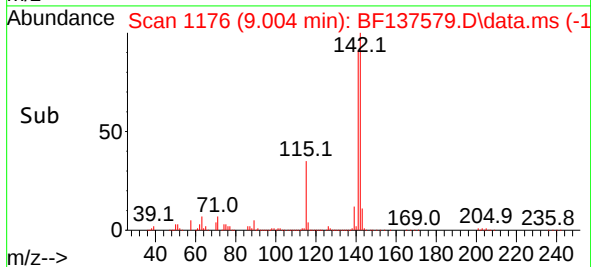
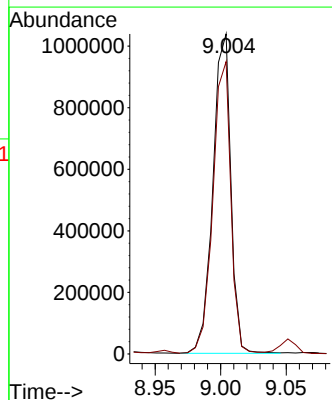
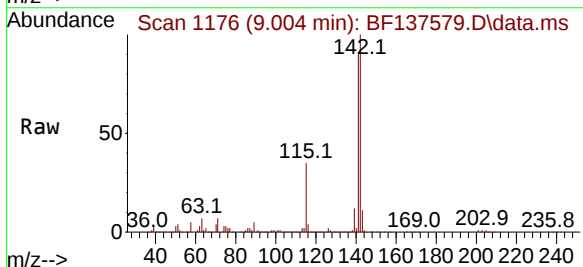
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#38
1-Methylnaphthalene
Concen: 38.819 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.018 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

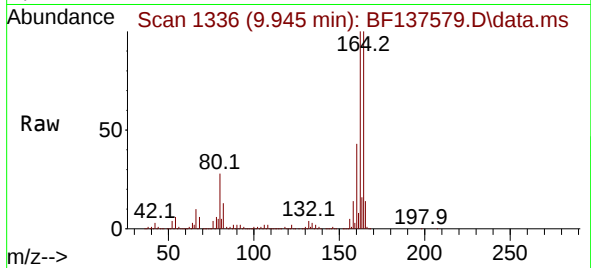
Tgt Ion:142 Resp: 987530
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1187
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

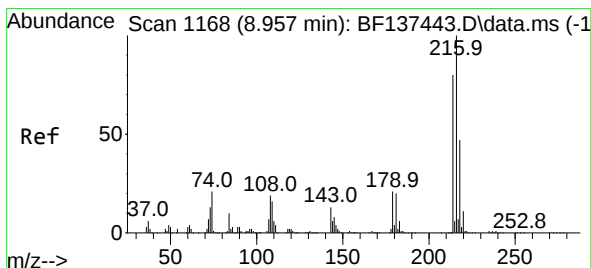
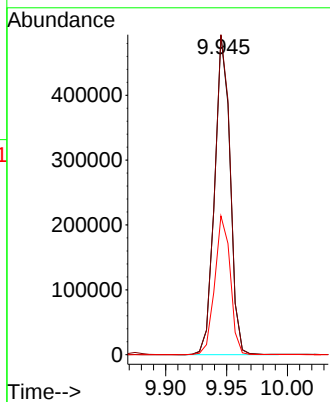
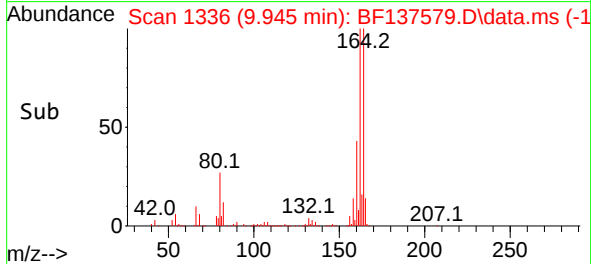
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:164 Resp: 436022
Ion Ratio Lower Upper
164 100
162 100.3 79.8 119.8
160 43.5 34.4 51.6

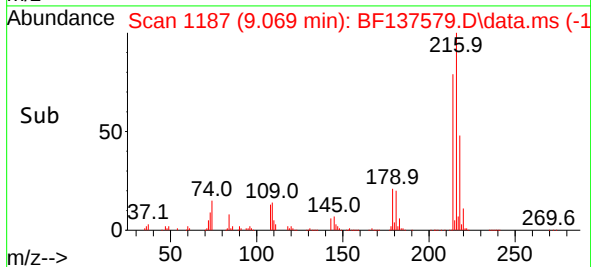
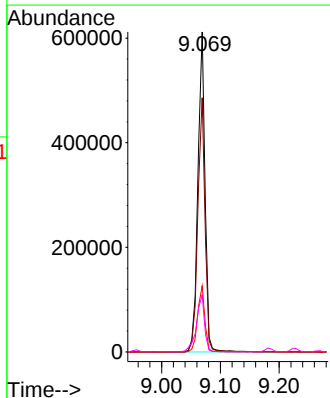
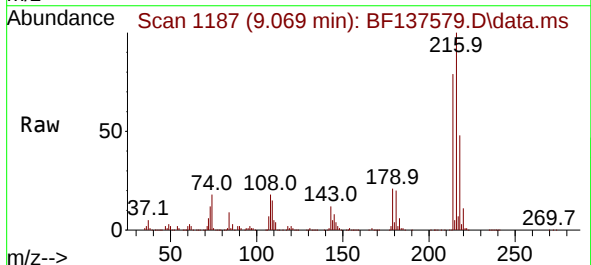
Manual Integrations
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Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.494 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

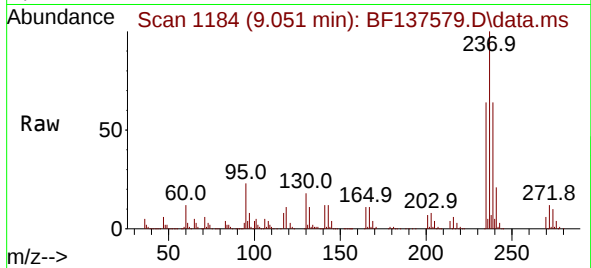
Tgt Ion:216 Resp: 517268
Ion Ratio Lower Upper
216 100
214 79.9 63.5 95.3
179 21.0 16.6 25.0
108 20.0 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 73.402 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

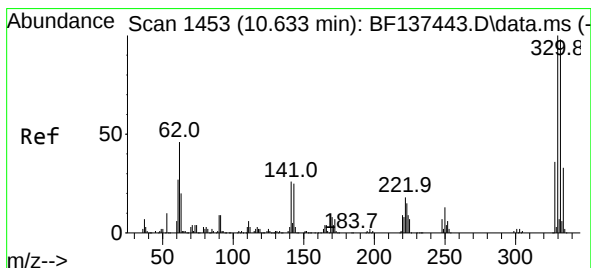
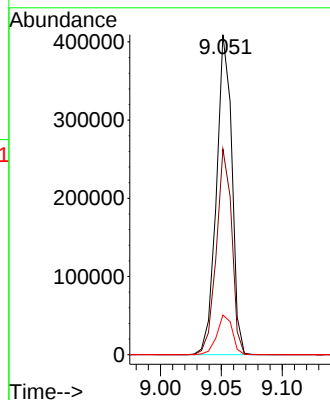
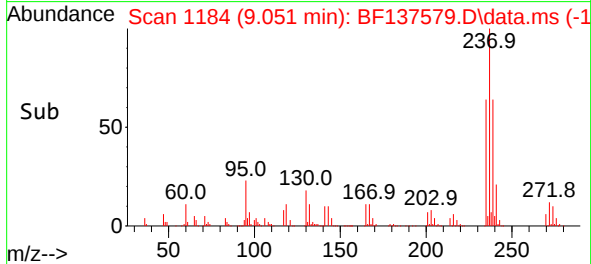
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:237 Resp: 360869
Ion Ratio Lower Upper
237 100
235 64.3 43.6 83.6
272 12.4 0.0 31.9

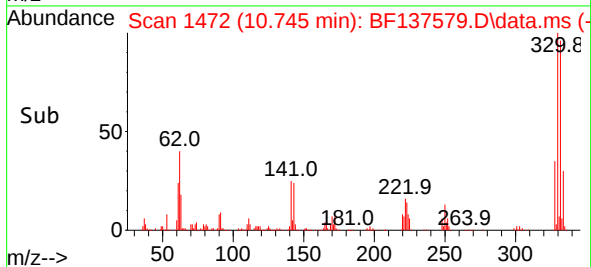
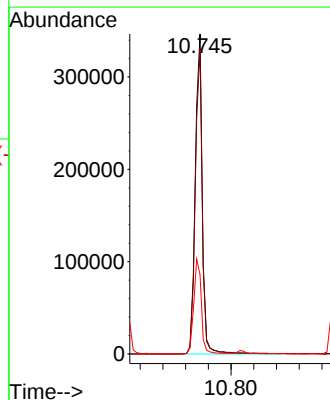
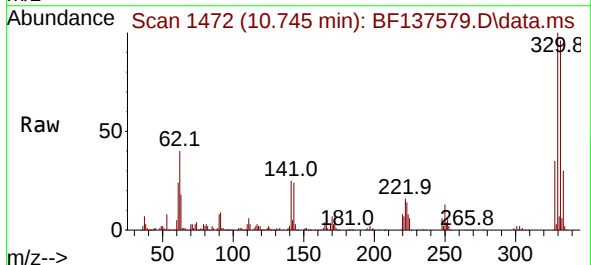
Manual Integrations
APPROVED

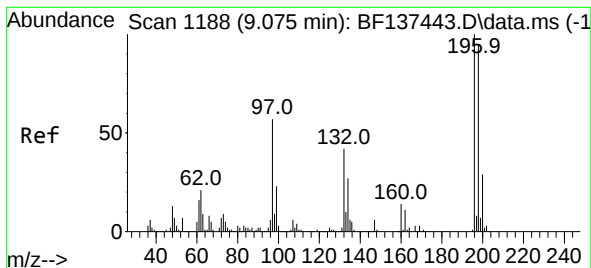
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#42
2,4,6-Tribromophenol
Concen: 78.576 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:330 Resp: 300869
Ion Ratio Lower Upper
330 100
332 94.3 78.0 117.0
141 31.4 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 43.618 ng

RT: 9.181 min Scan# 1188

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

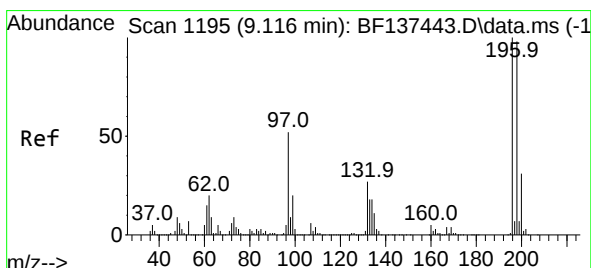
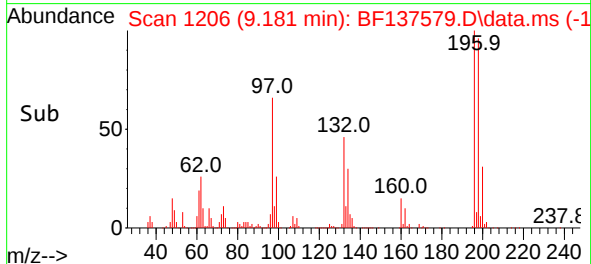
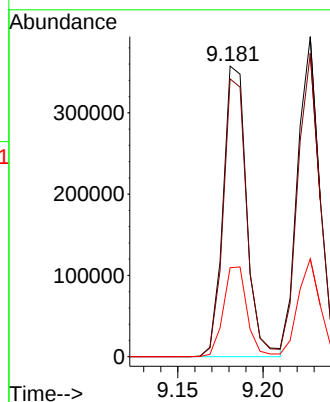
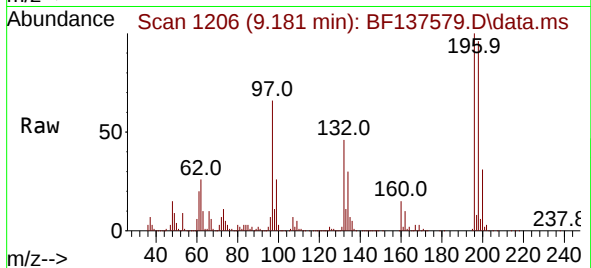
Tgt Ion:196 Resp: 345752

Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.8	113.8
200	30.6	23.5	35.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#44

2,4,5-Trichlorophenol

Concen: 40.556 ng

RT: 9.228 min Scan# 1214

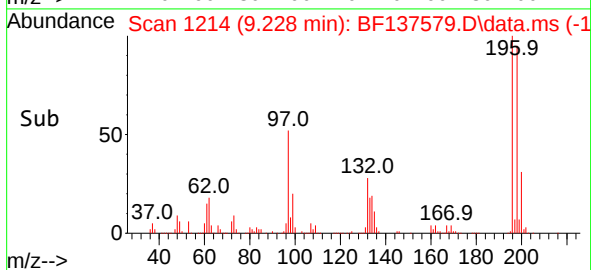
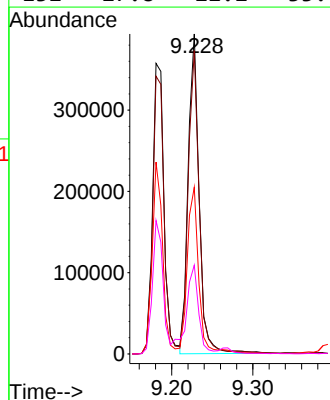
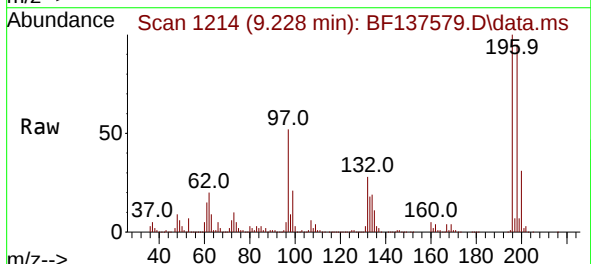
Delta R.T. 0.018 min

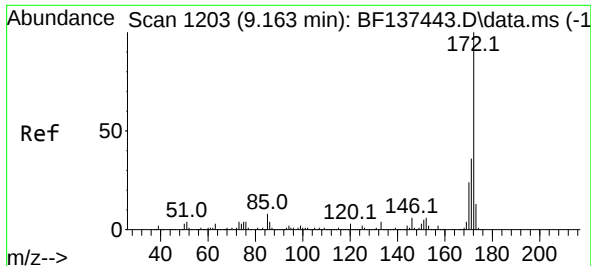
Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Tgt Ion:196 Resp: 370328

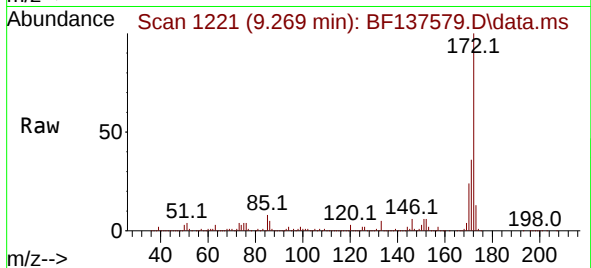
Ion	Ratio	Lower	Upper
196	100		
198	94.8	78.6	117.8
97	52.1	41.8	62.8
132	27.8	22.2	33.4





#45
2-Fluorobiphenyl
Concen: 50.120 ng
RT: 9.269 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

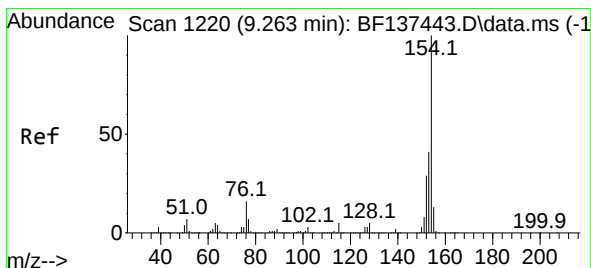
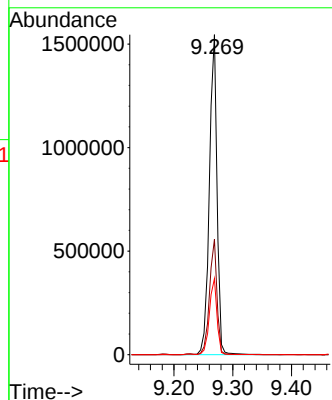
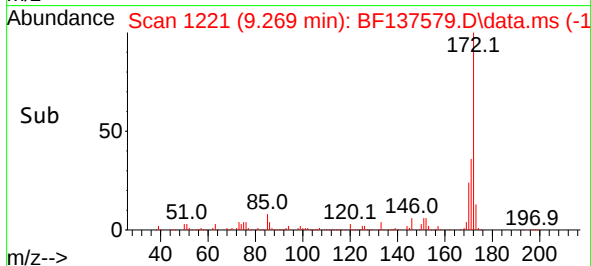
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



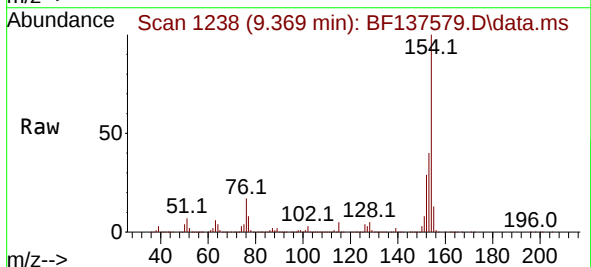
Tgt Ion:172 Resp: 1396074
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.8 19.0 28.6

Manual Integrations
APPROVED

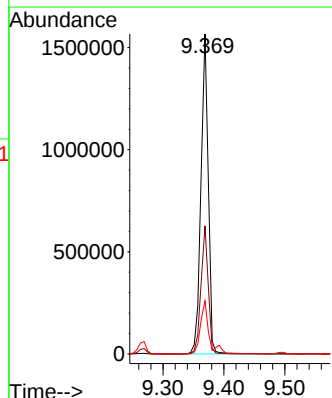
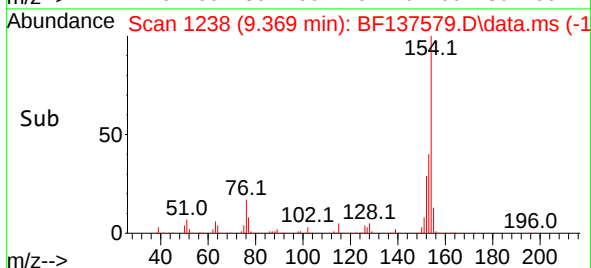
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

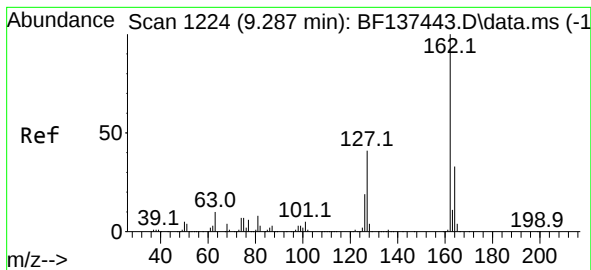


#46
1,1'-Biphenyl
Concen: 41.119 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21



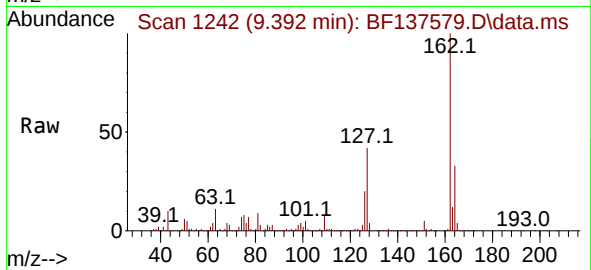
Tgt Ion:154 Resp: 1312238
Ion Ratio Lower Upper
154 100
153 40.1 21.0 61.0
76 16.6 0.0 35.8





#47
2-Chloronaphthalene
Concen: 40.827 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

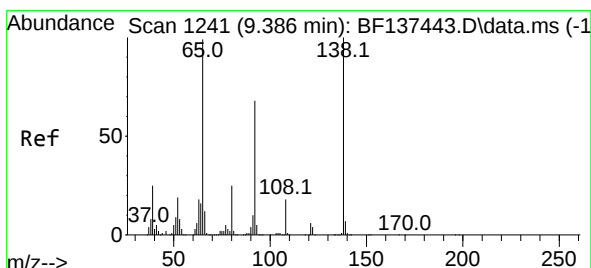
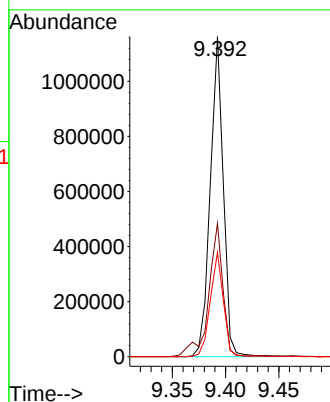
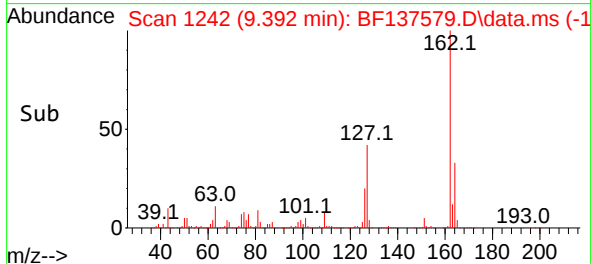
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



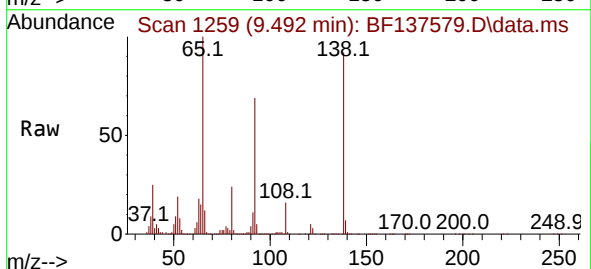
Tgt Ion:162 Resp: 99336
Ion Ratio Lower Upper
162 100
127 41.6 32.6 49.0
164 32.6 26.5 39.7

Manual Integrations
APPROVED

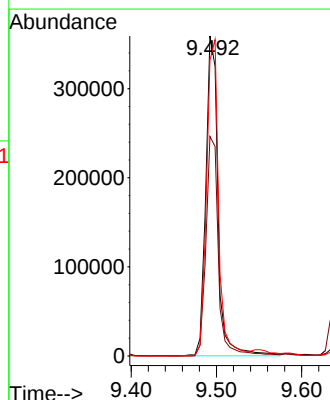
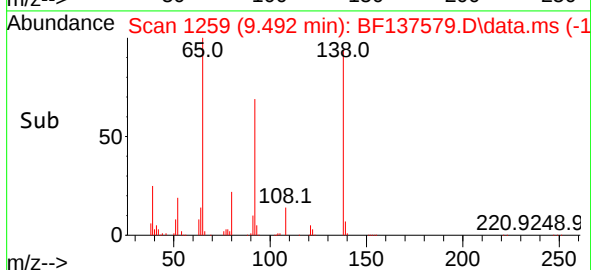
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

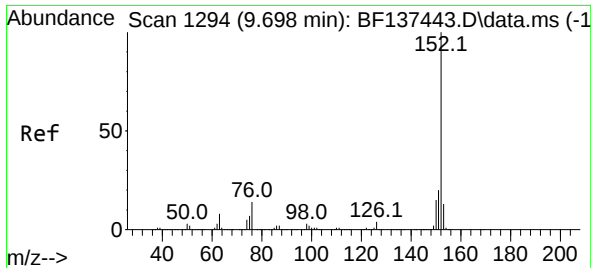


#48
2-Nitroaniline
Concen: 43.090 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21



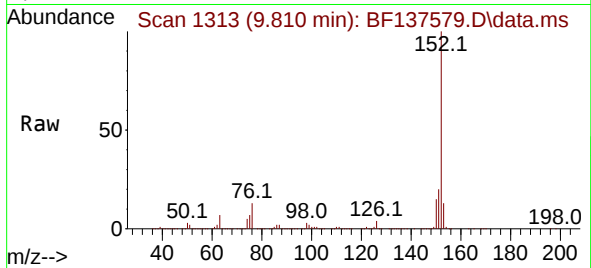
Tgt Ion: 65 Resp: 356350
Ion Ratio Lower Upper
65 100
92 68.6 55.4 83.2
138 92.4 81.0 121.6





#49
Acenaphthylene
Concen: 41.777 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

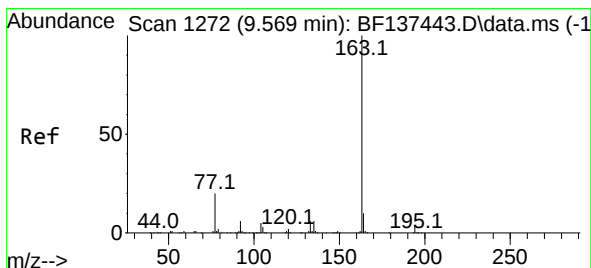
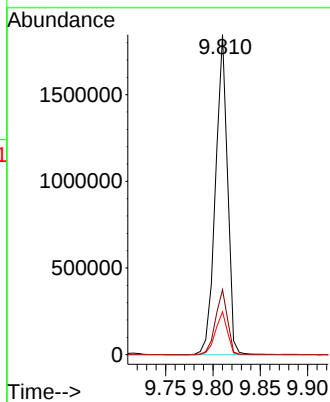
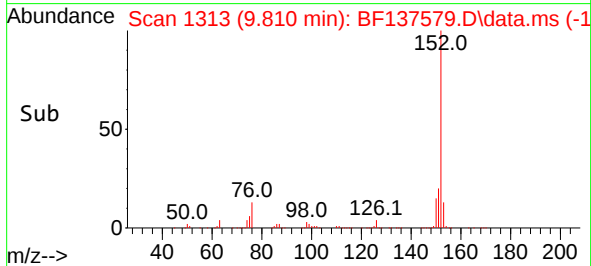
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



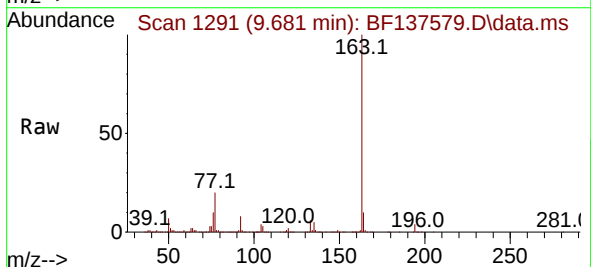
Tgt Ion:152 Resp: 162670
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.4 10.8 16.2

Manual Integrations
APPROVED

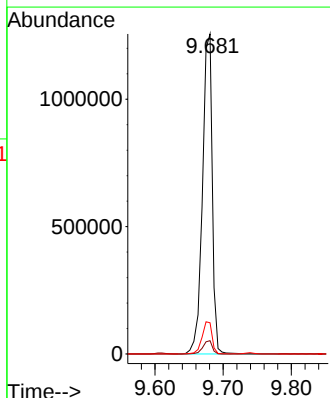
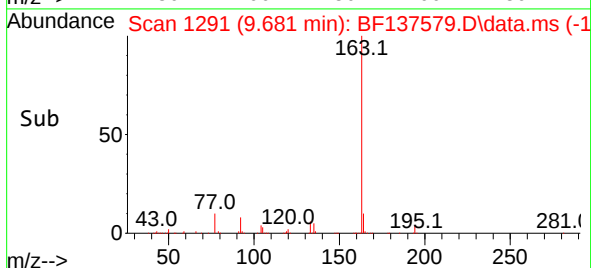
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

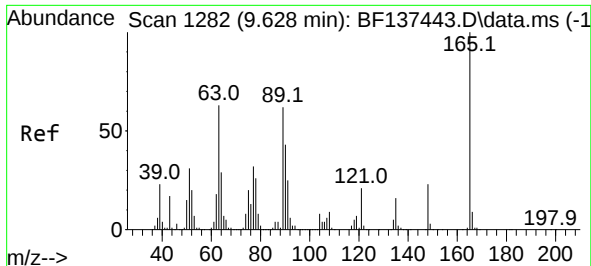


#50
Dimethylphthalate
Concen: 41.451 ng
RT: 9.681 min Scan# 1291
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21



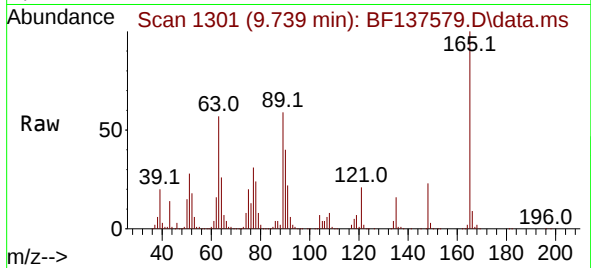
Tgt Ion:163 Resp: 1258142
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.7 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 42.724 ng
RT: 9.739 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

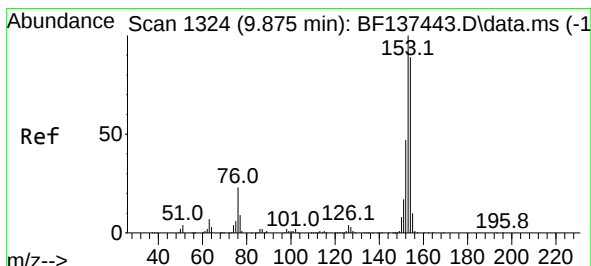
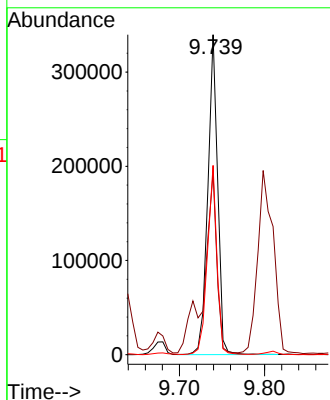
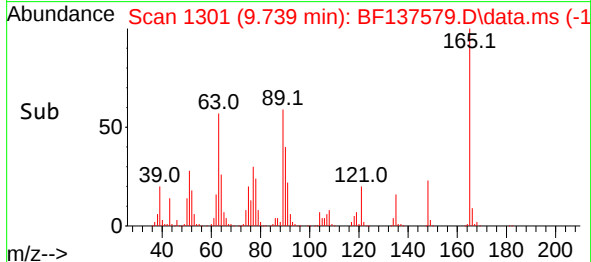
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



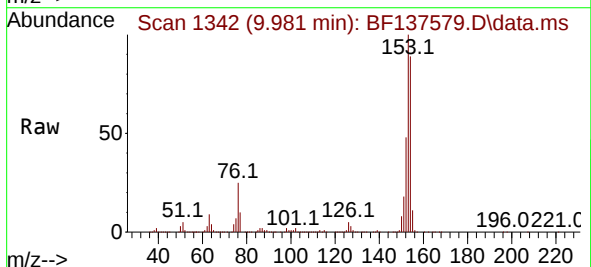
Tgt Ion:165 Resp: 271230
Ion Ratio Lower Upper
165 100
63 56.8 50.7 76.1
89 59.1 50.0 75.0

Manual Integrations
APPROVED

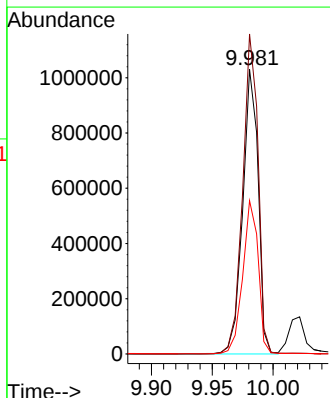
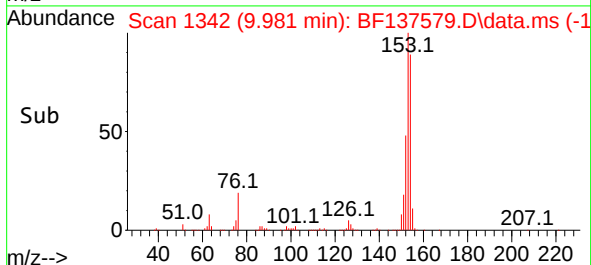
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

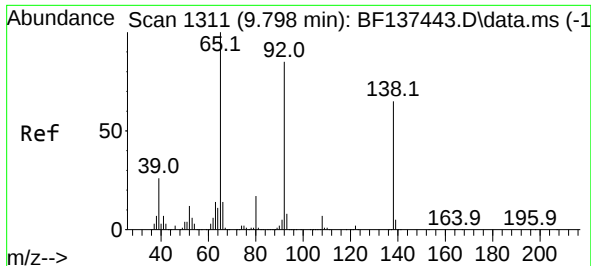


#52
Acenaphthene
Concen: 39.209 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21



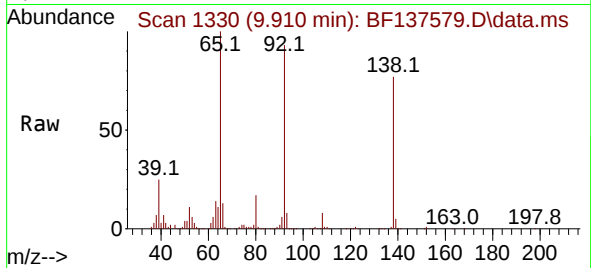
Tgt Ion:154 Resp: 911468
Ion Ratio Lower Upper
154 100
153 112.5 90.3 135.5
152 53.9 42.7 64.1





#53
3-Nitroaniline
Concen: 23.513 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

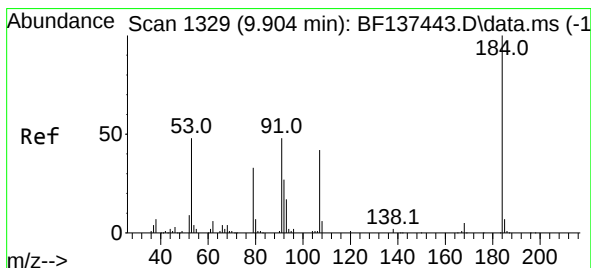
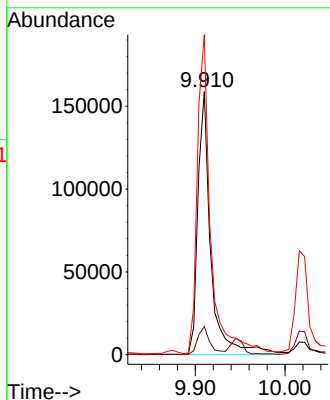
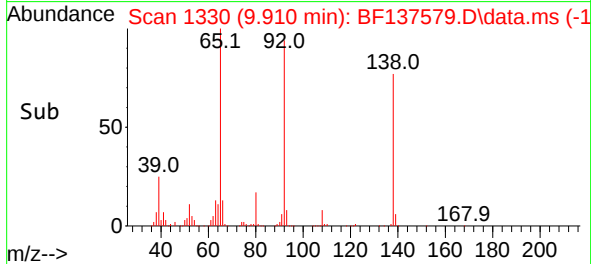
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:138 Resp: 15789
Ion Ratio Lower Upper
138 100
108 10.7 9.1 13.7
92 121.6 104.6 157.0

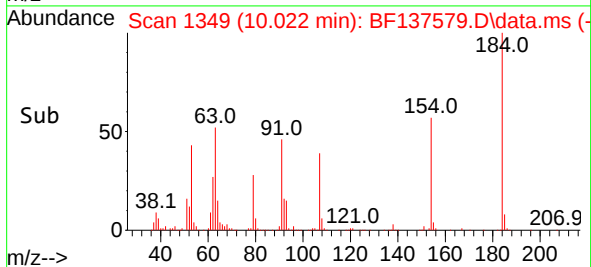
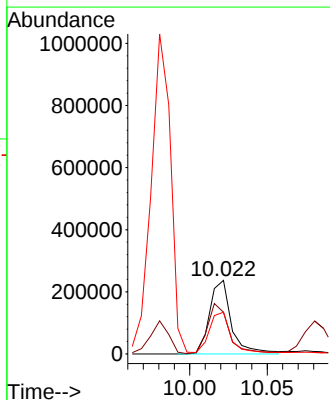
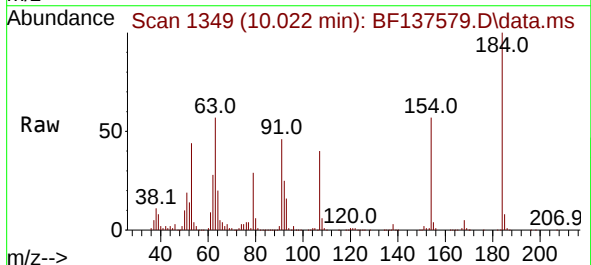
Manual Integrations
APPROVED

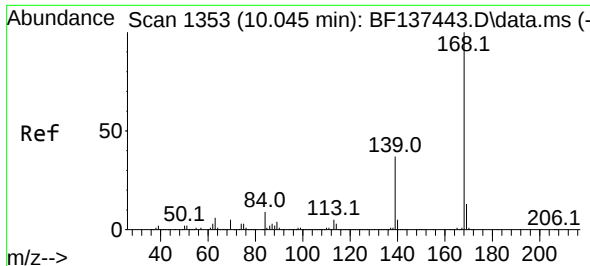
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#54
2,4-Dinitrophenol
Concen: 75.602 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.018 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

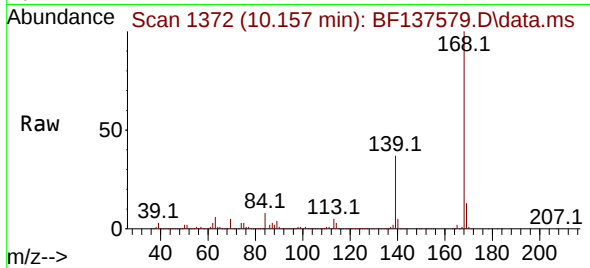
Tgt Ion:184 Resp: 232536
Ion Ratio Lower Upper
184 100
63 56.8 53.3 79.9
154 56.8 47.4 71.0





#55
Dibenzenofuran
Concen: 39.009 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

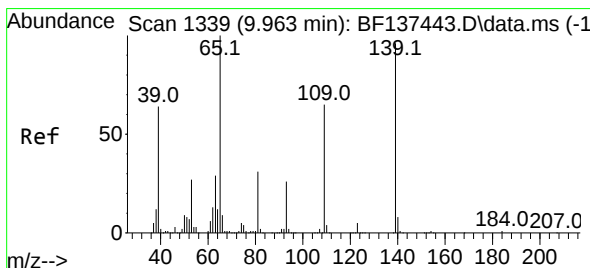
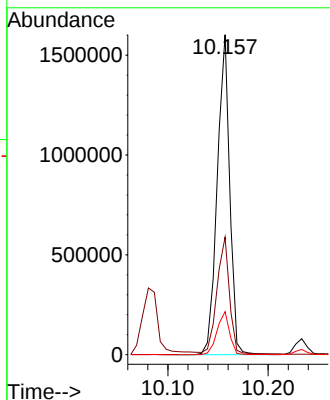
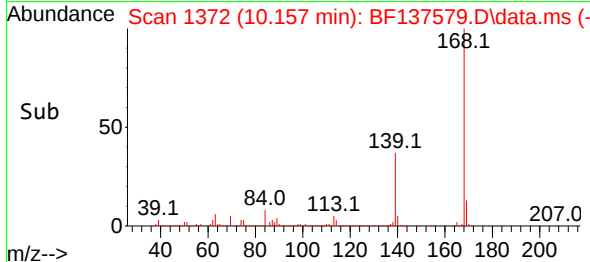
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:168 Resp: 1381145
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.6
169 13.4 10.8 16.2

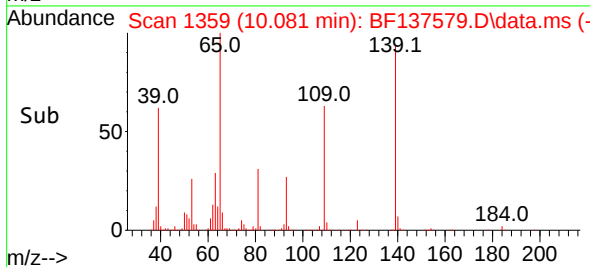
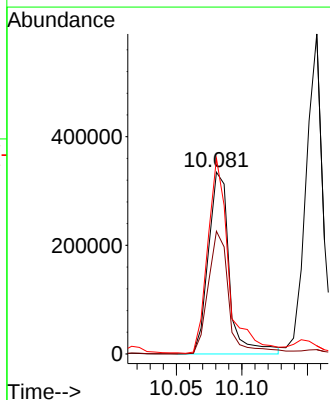
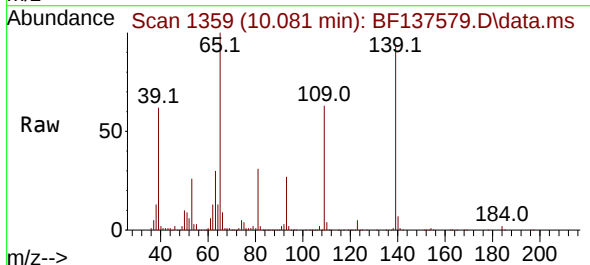
Manual Integrations
APPROVED

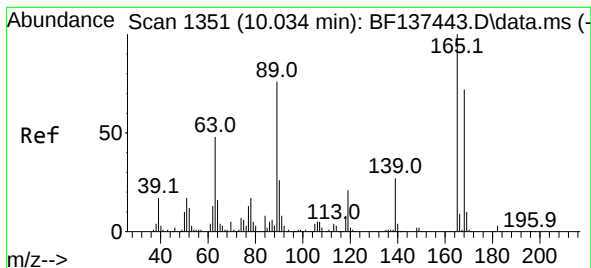
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#56
4-Nitrophenol
Concen: 78.195 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.018 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

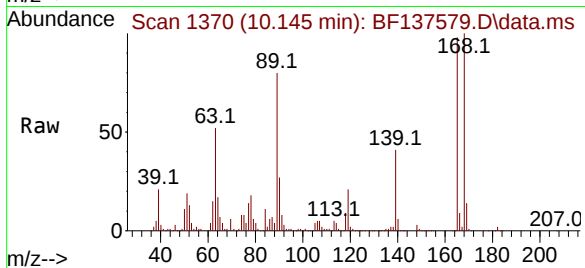
Tgt Ion:139 Resp: 373051
Ion Ratio Lower Upper
139 100
109 67.6 47.1 87.1
65 107.6 85.1 125.1





#57
2,4-Dinitrotoluene
Concen: 42.691 ng
RT: 10.145 min Scan# 1430
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

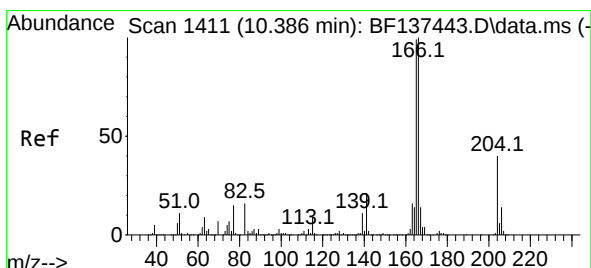
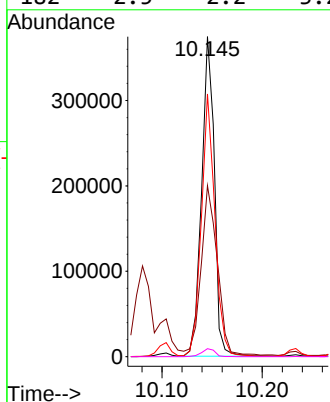
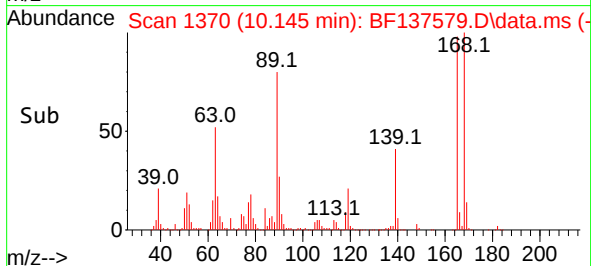
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



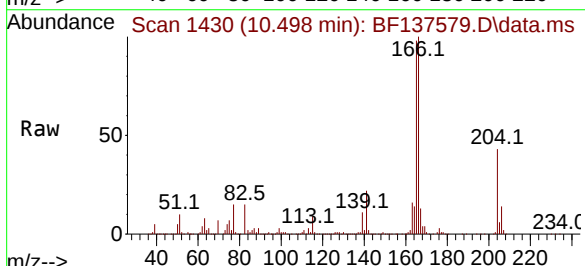
Tgt Ion:165 Resp: 332974
Ion Ratio Lower Upper
165 100
63 53.5 39.0 58.6
89 82.1 60.9 91.3
182 2.5 2.2 3.2

Manual Integrations
APPROVED

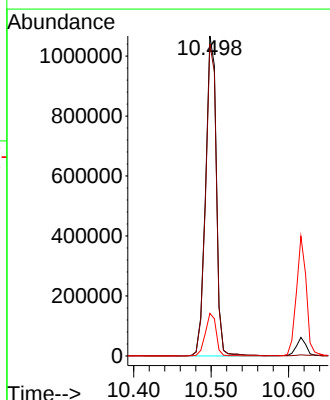
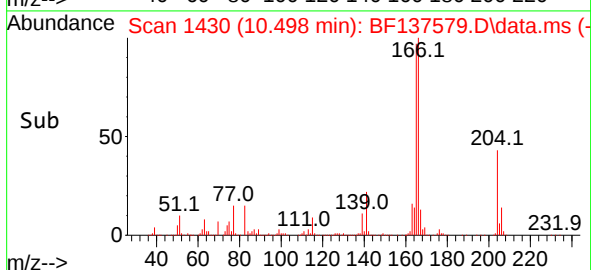
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

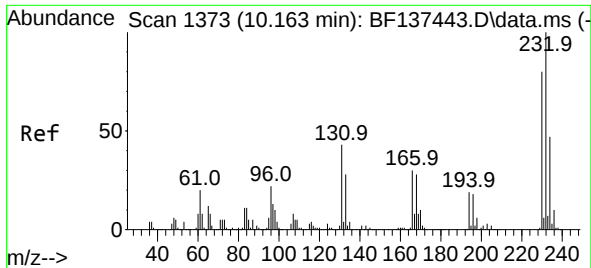


#58
Fluorene
Concen: 37.812 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21



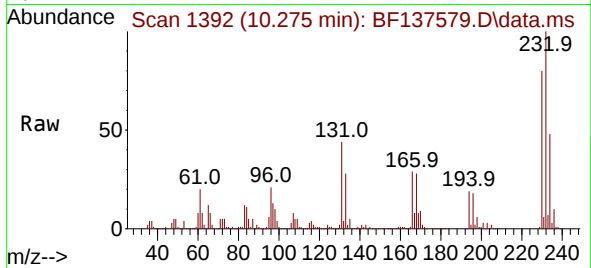
Tgt Ion:166 Resp: 1028156
Ion Ratio Lower Upper
166 100
165 97.5 79.2 118.8
167 13.3 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.945 ng
RT: 10.275 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

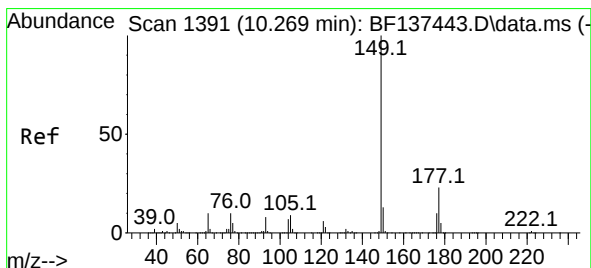
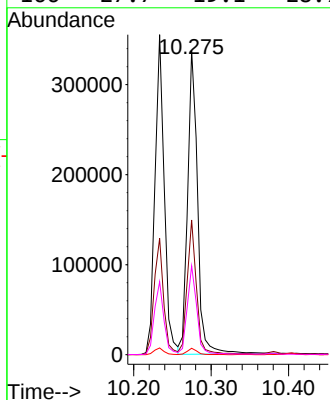
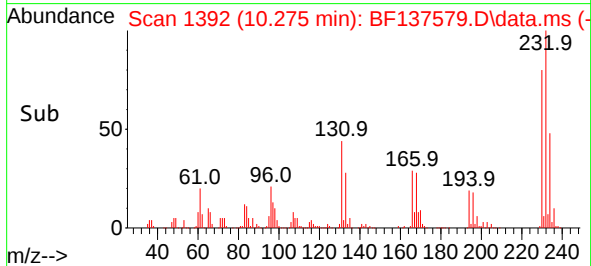
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



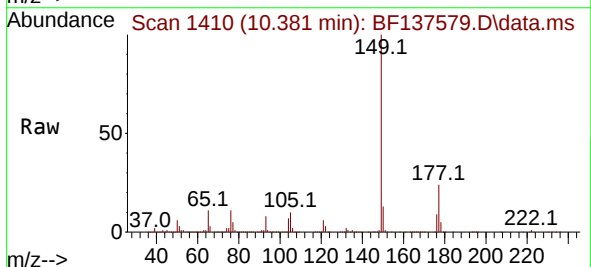
Tgt Ion:232 Resp: 299820
Ion Ratio Lower Upper
232 100
131 41.5 31.2 46.8
130 2.1 1.8 2.6
166 27.7 19.1 28.7

Manual Integrations
APPROVED

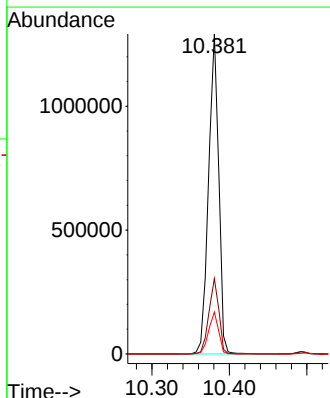
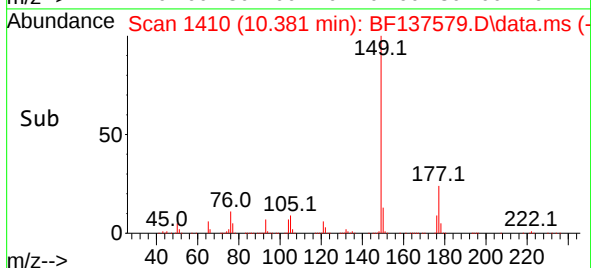
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

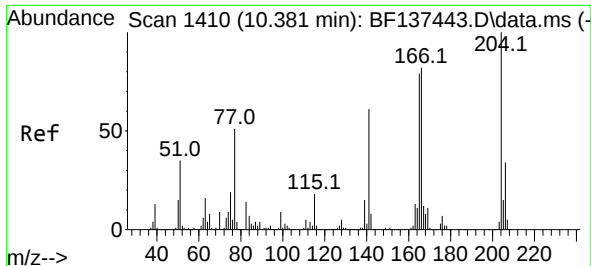


#60
Diethylphthalate
Concen: 41.061 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21



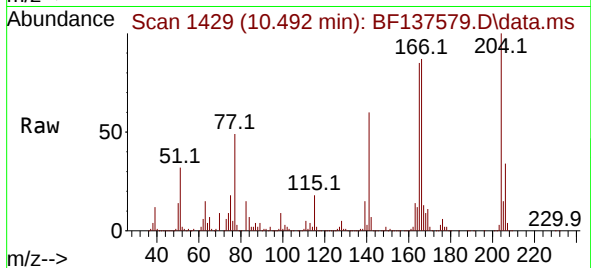
Tgt Ion:149 Resp: 1176919
Ion Ratio Lower Upper
149 100
177 23.5 18.7 28.1
150 13.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 38.918 ng
RT: 10.492 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

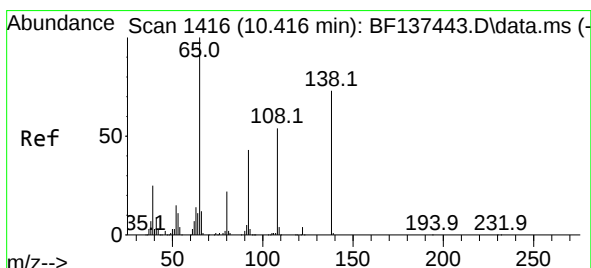
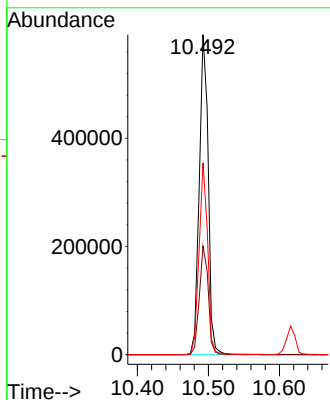
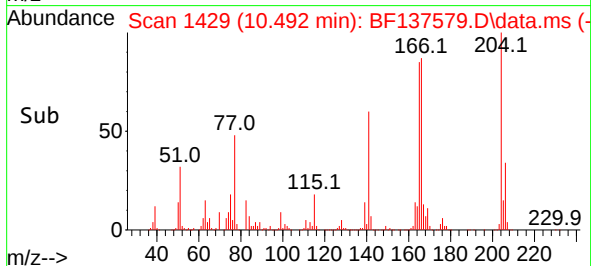
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



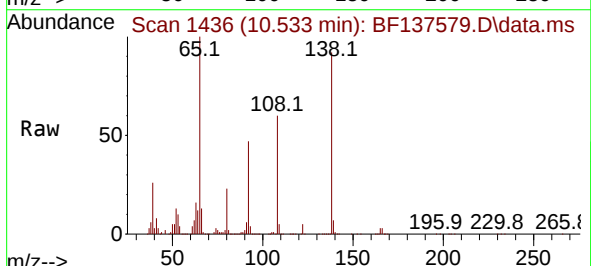
Tgt Ion:204 Resp: 518620
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.0
141 59.9 48.4 72.6

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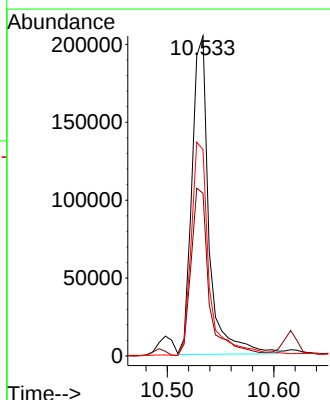
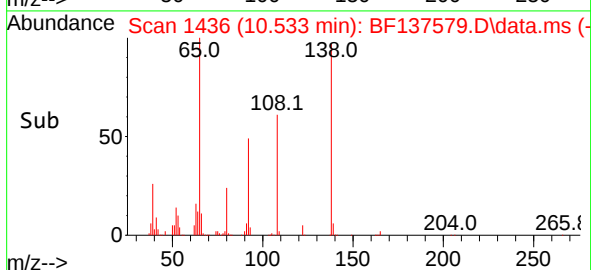
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

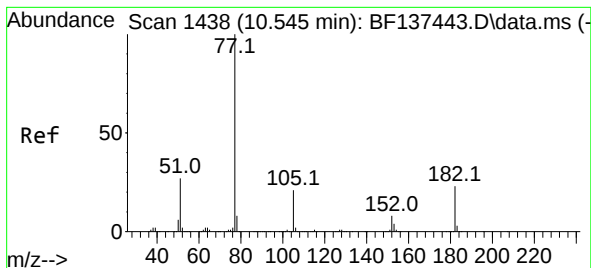


#62
4-Nitroaniline
Concen: 39.516 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21



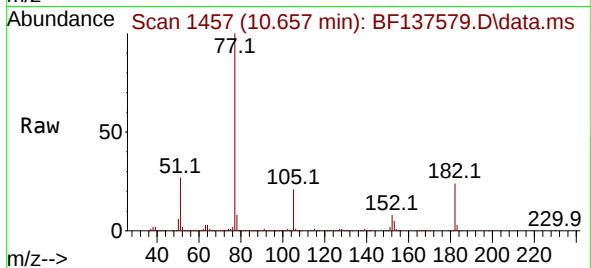
Tgt Ion:138 Resp: 228066
Ion Ratio Lower Upper
138 100
92 50.9 37.9 77.9
108 64.5 53.2 93.2





#63
Azobenzene
Concen: 39.065 ng
RT: 10.657 min Scan# 1438
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

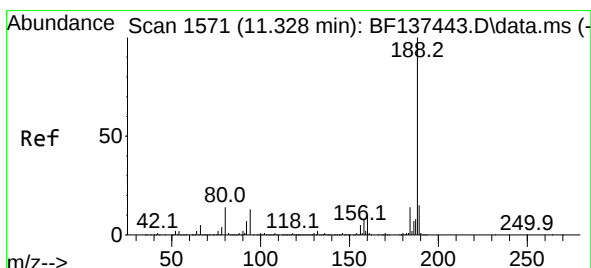
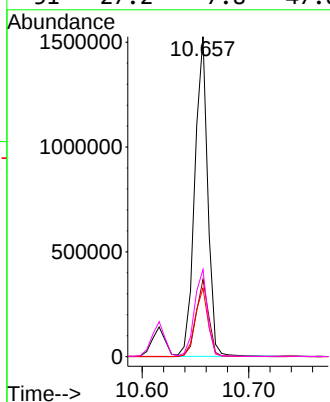
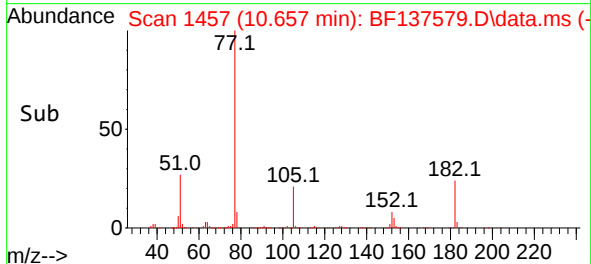
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion: 77 Resp: 128931
Ion Ratio Lower Upper
77 100
182 24.1 3.2 43.2
105 21.5 1.2 41.2
51 27.2 7.8 47.8

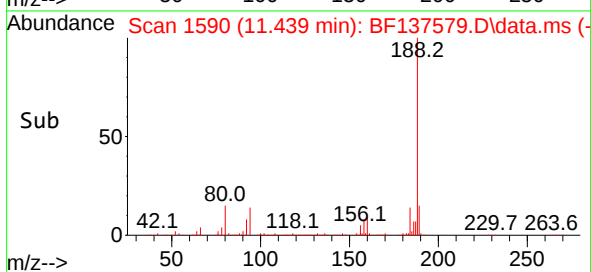
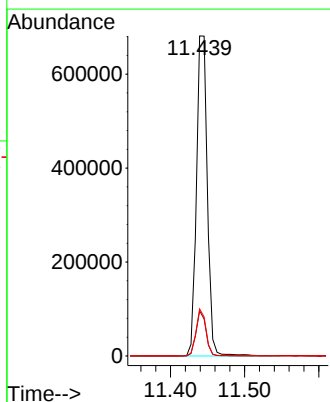
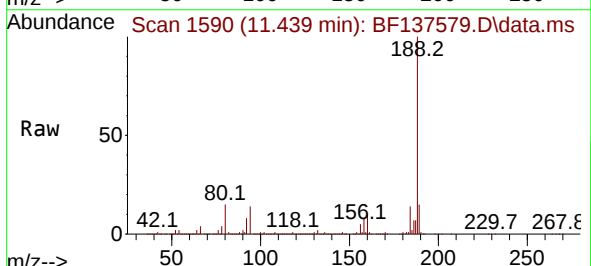
Manual Integrations
APPROVED

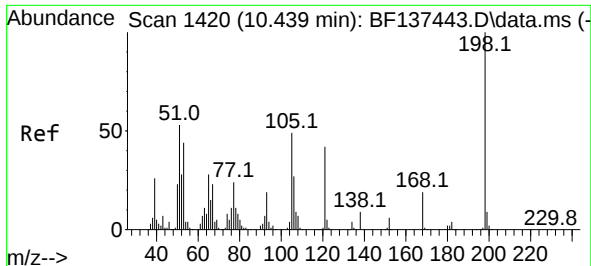
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:188 Resp: 692186
Ion Ratio Lower Upper
188 100
94 14.1 10.6 15.8
80 14.7 11.5 17.3





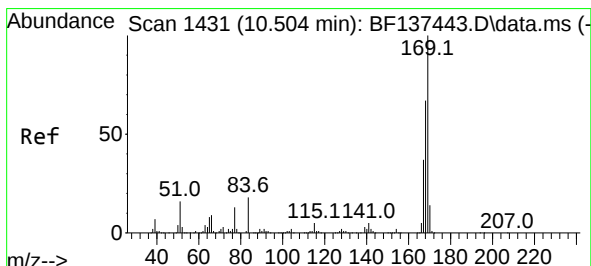
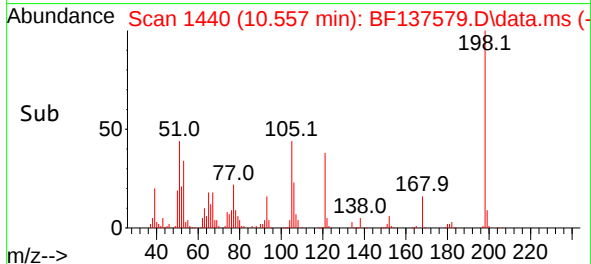
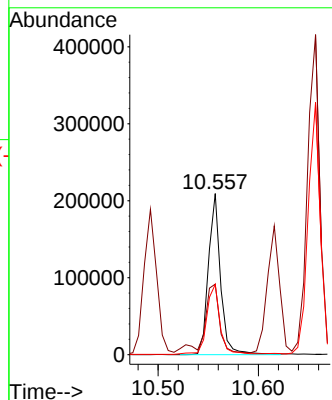
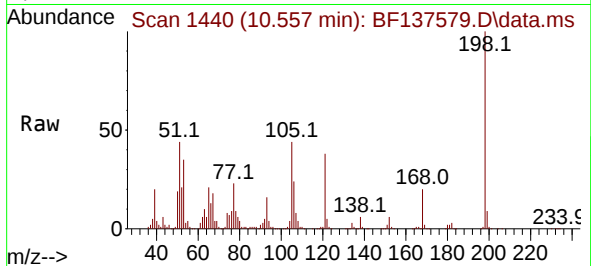
#65
4,6-Dinitro-2-methylphenol
Concen: 46.006 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:198 Resp: 17748
Ion Ratio Lower Upper
198 100
51 43.8 37.2 77.2
105 43.6 29.2 69.2

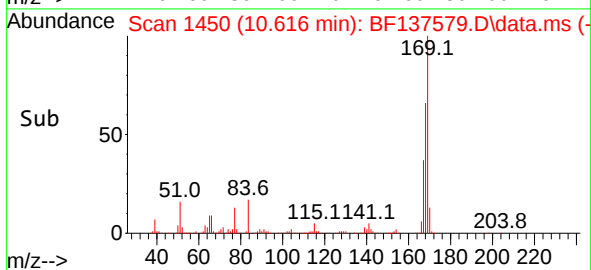
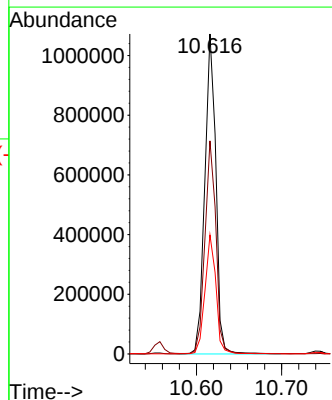
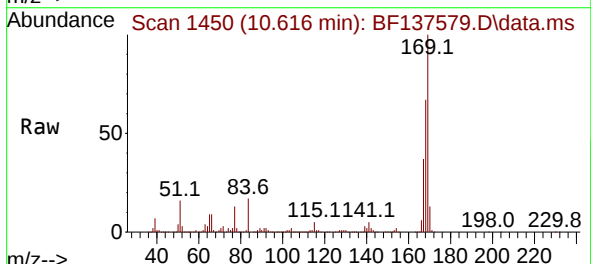
Manual Integrations
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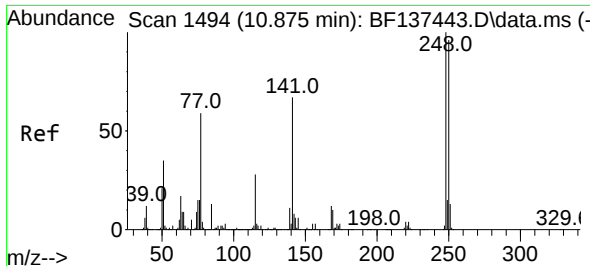
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#66
n-Nitrosodiphenylamine
Concen: 43.103 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:169 Resp: 960743
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.6
167 37.2 29.6 44.4





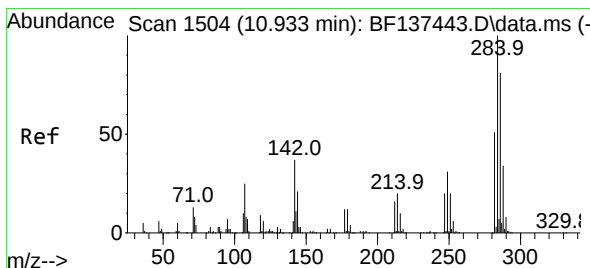
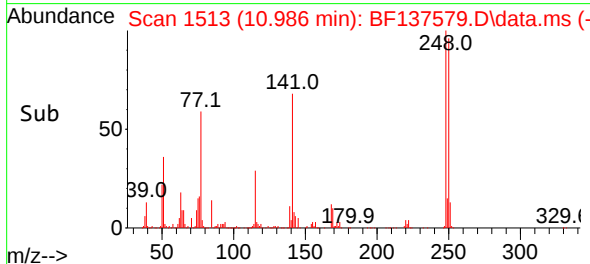
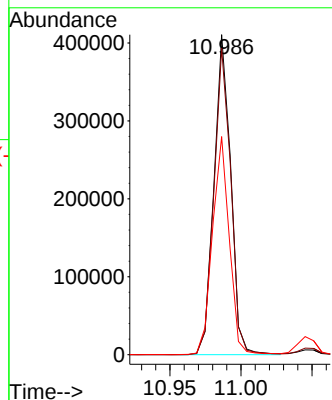
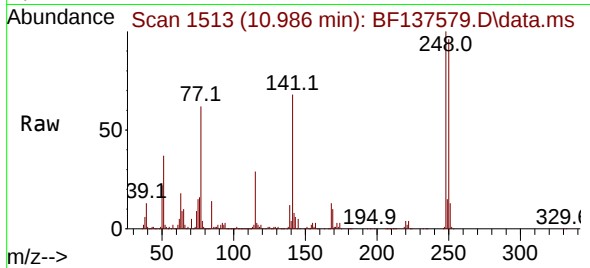
#67
4-Bromophenyl-phenylether
Concen: 44.601 ng
RT: 10.986 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:248 Resp: 33625
Ion Ratio Lower Upper
248 100
250 95.8 76.8 115.2
141 68.2 53.4 80.0

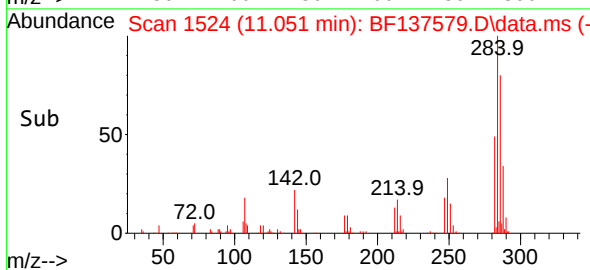
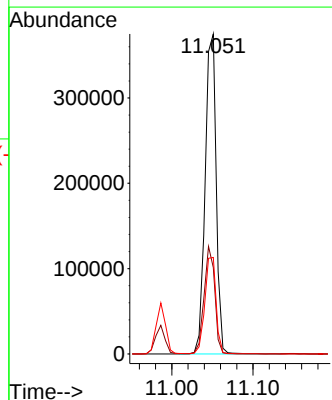
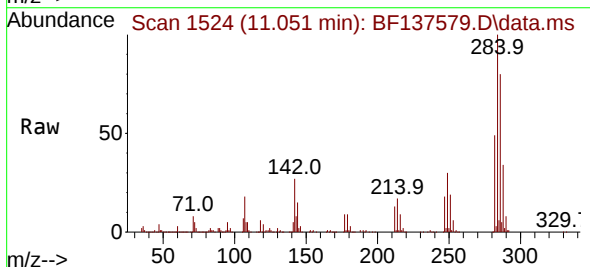
Manual Integrations
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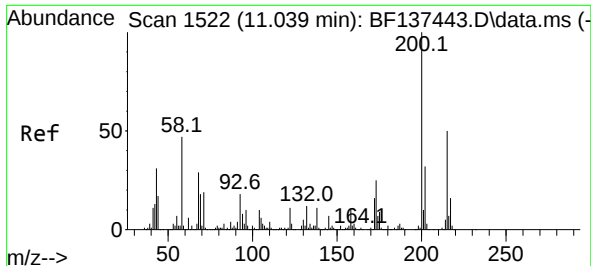
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#68
Hexachlorobenzene
Concen: 46.426 ng
RT: 11.051 min Scan# 1524
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

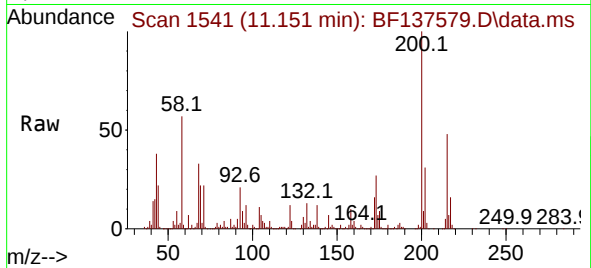
Tgt Ion:284 Resp: 353516
Ion Ratio Lower Upper
284 100
142 27.0 29.4 44.0#
249 30.2 25.0 37.4





#69
 Atrazine
 Concen: 45.416 ng
 RT: 11.151 min Scan# 1158
 Delta R.T. 0.012 min
 Lab File: BF137579.D
 Acq: 13 Mar 2024 16:21

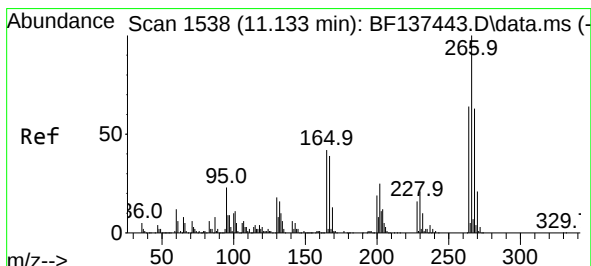
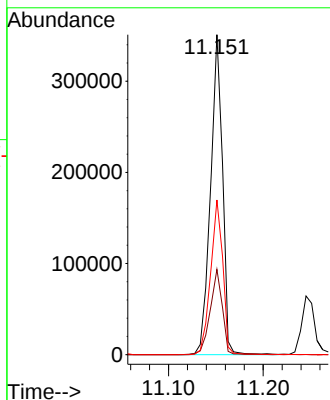
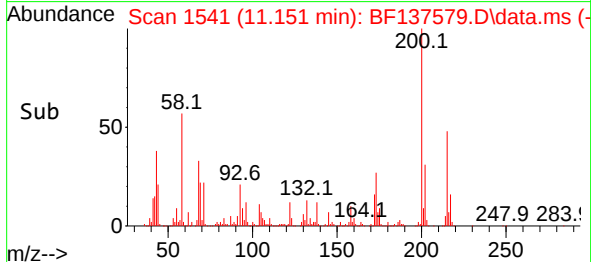
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD



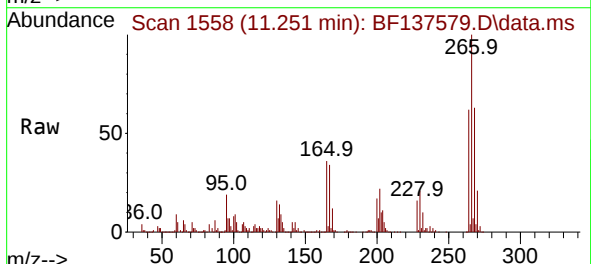
Tgt Ion:200 Resp: 307730
 Ion Ratio Lower Upper
 200 100
 173 26.6 5.1 45.1
 215 48.4 30.4 70.4

Manual Integrations
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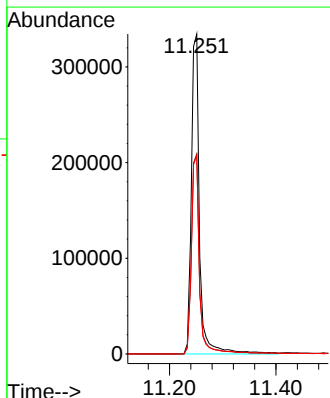
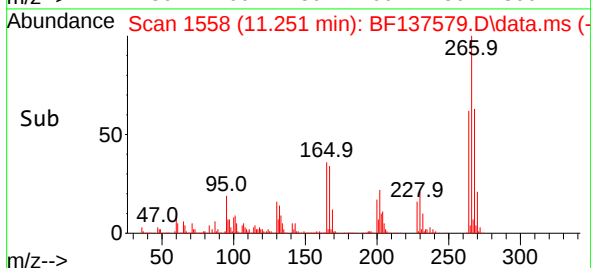
Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

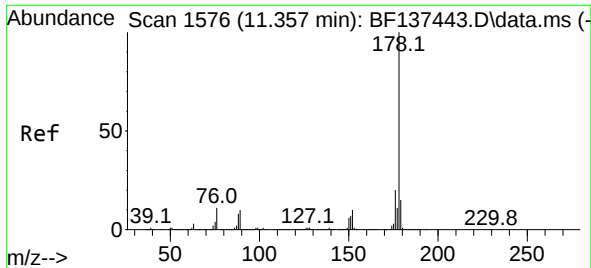


#70
 Pentachlorophenol
 Concen: 77.703 ng
 RT: 11.251 min Scan# 1558
 Delta R.T. 0.018 min
 Lab File: BF137579.D
 Acq: 13 Mar 2024 16:21



Tgt Ion:266 Resp: 357684
 Ion Ratio Lower Upper
 266 100
 268 62.5 50.2 75.2
 264 61.9 50.9 76.3





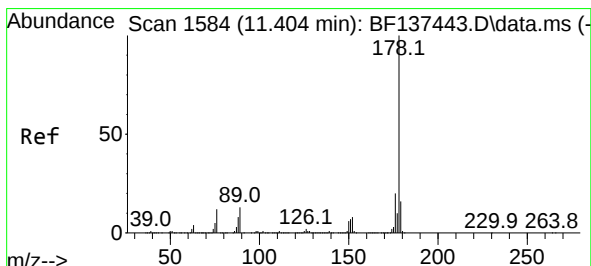
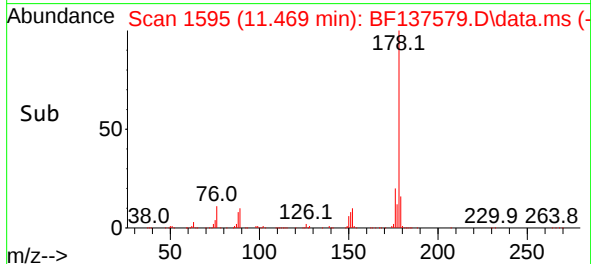
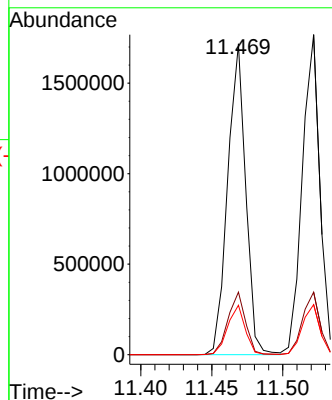
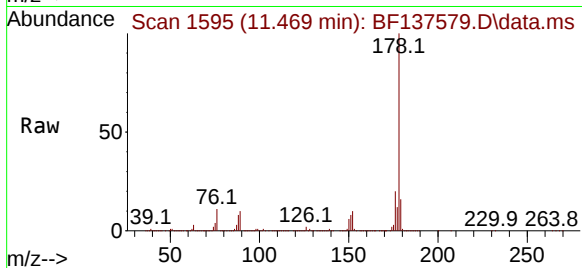
#71
Phenanthrene
Concen: 40.207 ng
RT: 11.469 min Scan# 1104
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:178 Resp: 1514590
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.9 12.2 18.2

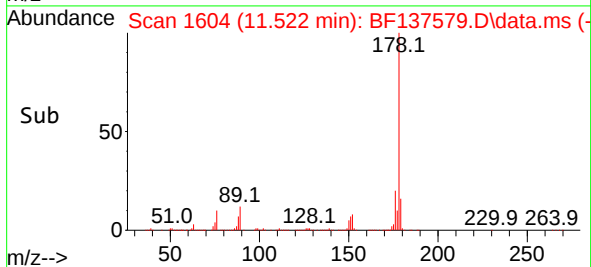
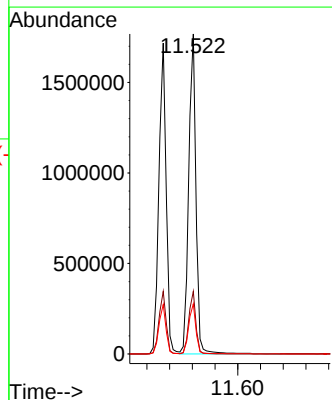
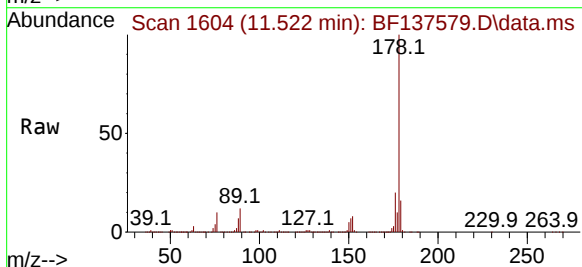
Manual Integrations
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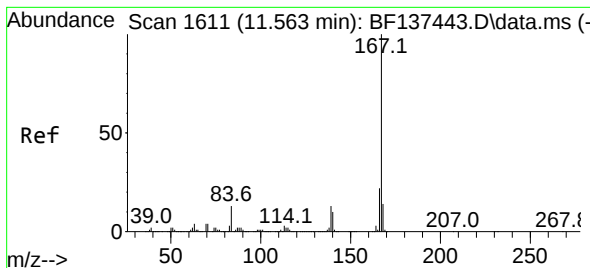
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#72
Anthracene
Concen: 40.231 ng
RT: 11.522 min Scan# 1604
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:178 Resp: 1556513
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.7 12.7 19.1





#73

Carbazole

Concen: 39.749 ng

RT: 11.680 min Scan# 1631

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:167 Resp: 1317278

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.8

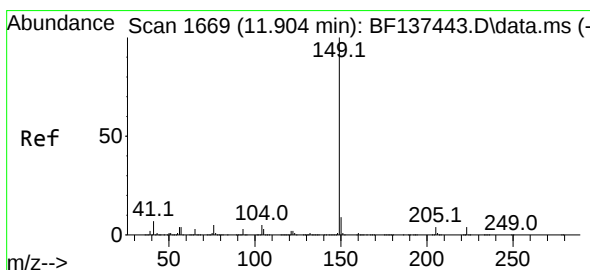
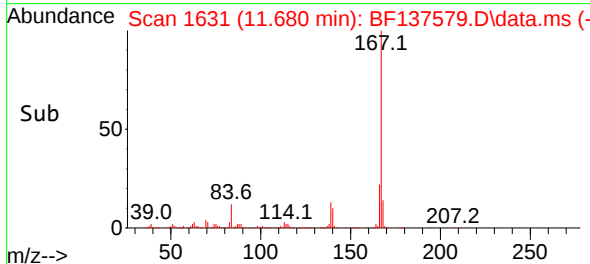
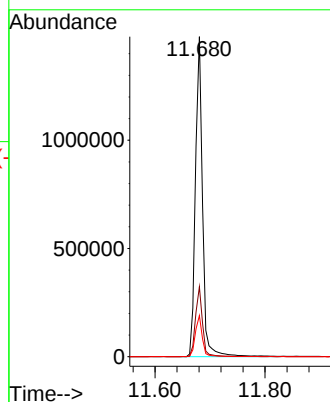
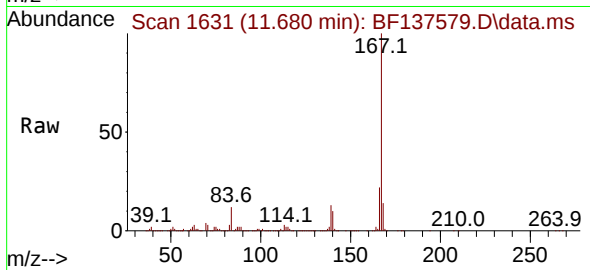
139 12.9 10.5 15.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/14/2024

Supervised By :mohammad ahmed 03/15/2024



#74

Di-n-butylphthalate

Concen: 43.514 ng

RT: 12.016 min Scan# 1688

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

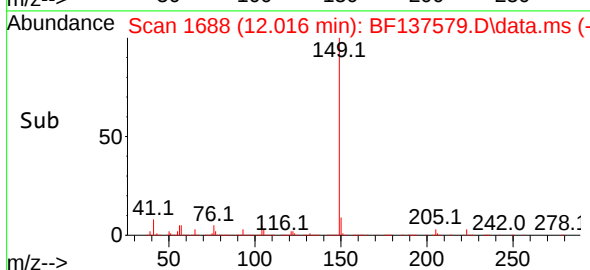
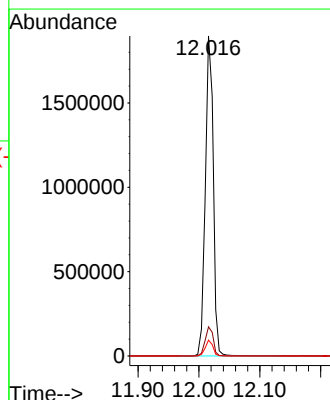
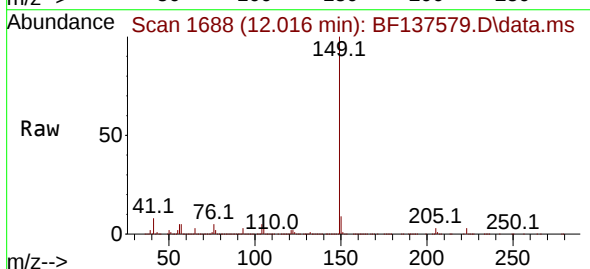
Tgt Ion:149 Resp: 1715724

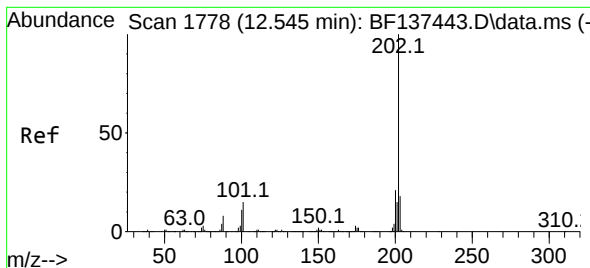
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 38.328 ng

RT: 12.663 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:202 Resp: 141128

Ion Ratio Lower Upper

202 100

101 14.5 0.0 35.0

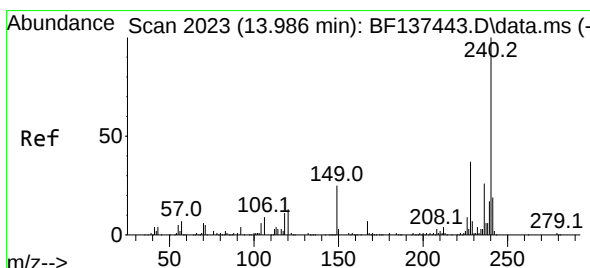
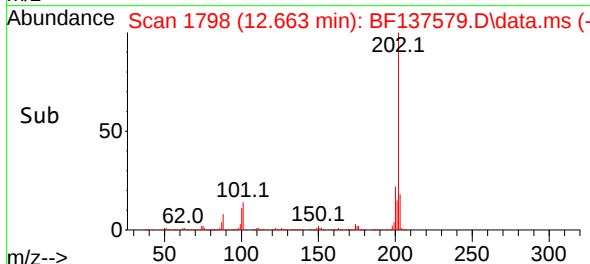
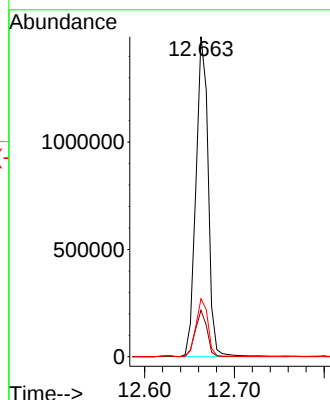
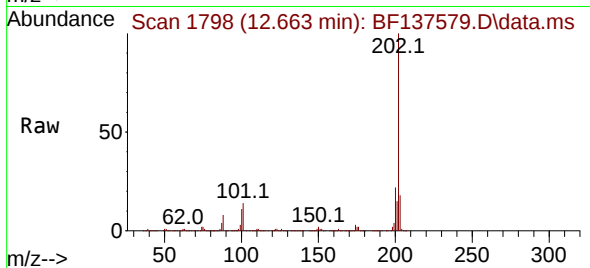
203 18.1 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024

Supervised By :mohammad ahmed 03/15/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 2044

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

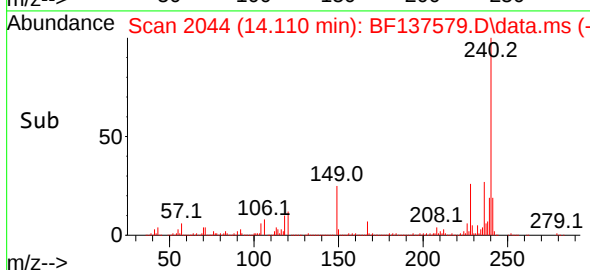
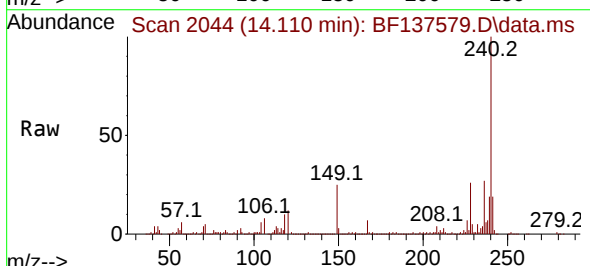
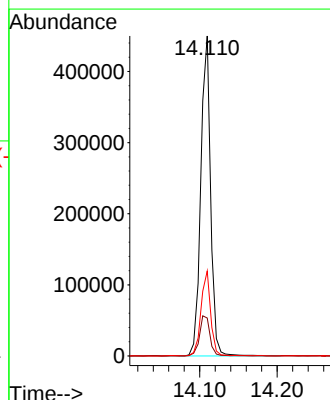
Tgt Ion:240 Resp: 395934

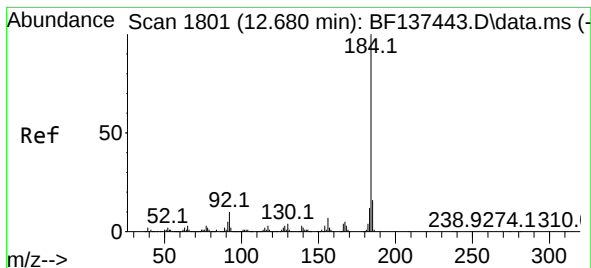
Ion Ratio Lower Upper

240 100

120 11.9 10.4 15.6

236 26.6 20.9 31.3





#77

Benzidine

Concen: 52.290 ng

RT: 12.798 min Scan# 1821

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

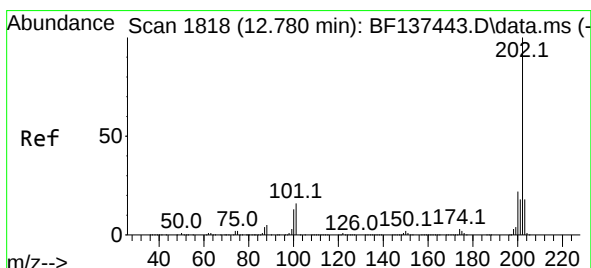
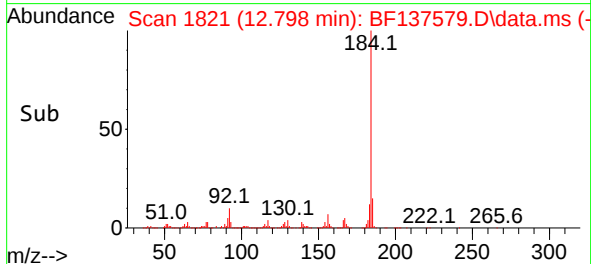
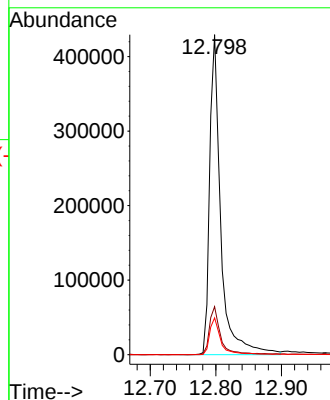
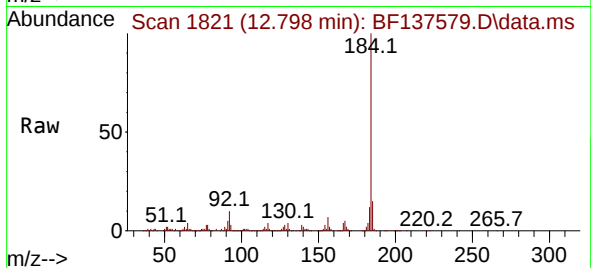
WC-1MSD

Tgt Ion:184 Resp: 506654
 Ion Ratio Lower Upper
 184 100
 185 15.0 13.2 19.8
 183 11.5 9.3 13.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024



#78

Pyrene

Concen: 37.023 ng

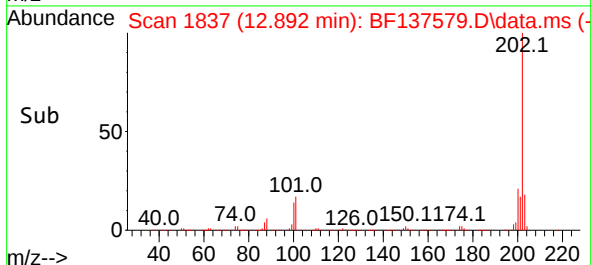
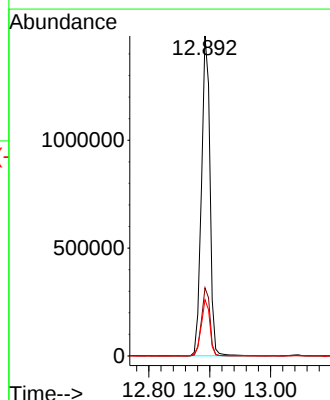
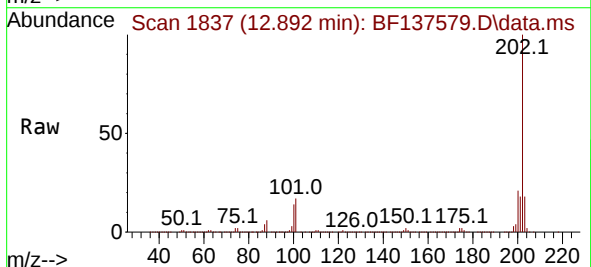
RT: 12.892 min Scan# 1837

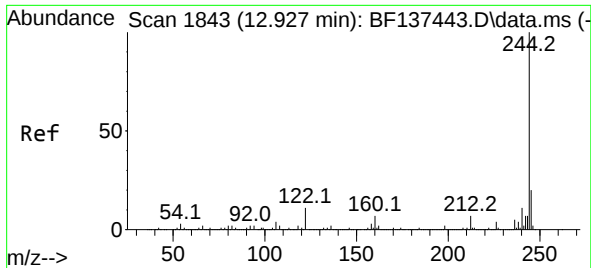
Delta R.T. 0.006 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

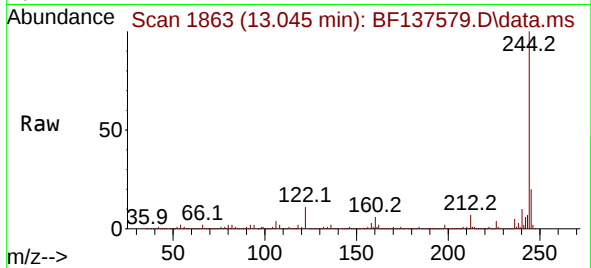
Tgt Ion:202 Resp: 1438351
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.4 26.2
 203 17.6 14.1 21.1





#79
 Terphenyl-d14
 Concen: 44.496 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. 0.006 min
 Lab File: BF137579.D
 Acq: 13 Mar 2024 16:21

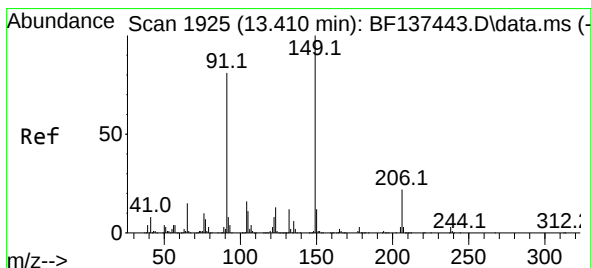
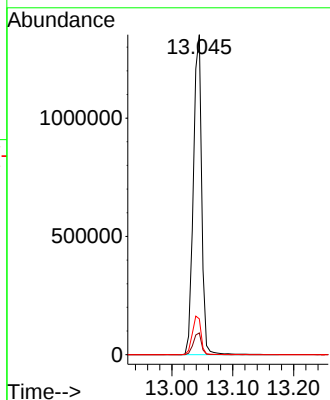
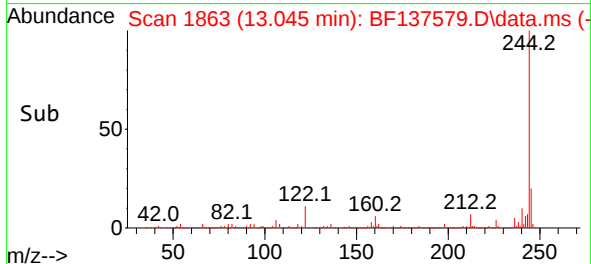
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD



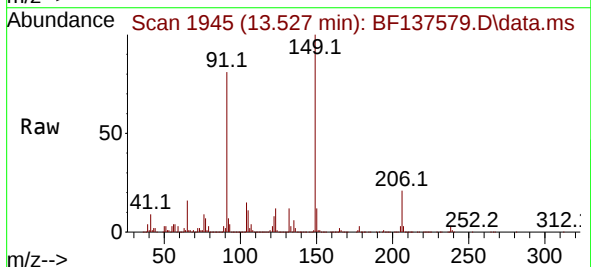
Tgt Ion:244 Resp: 1281160
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.2 9.1 13.7

Manual Integrations
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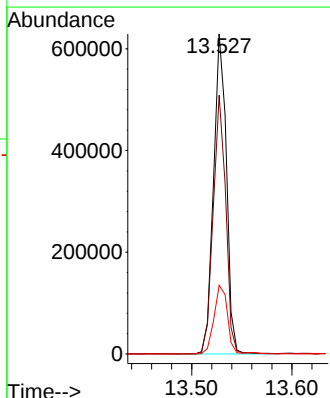
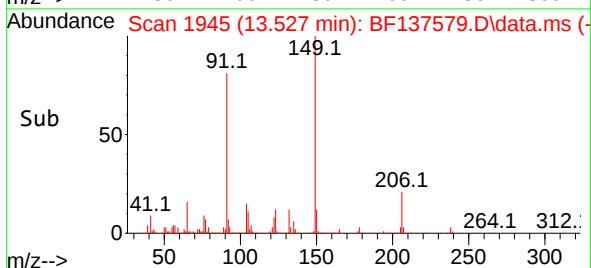
Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

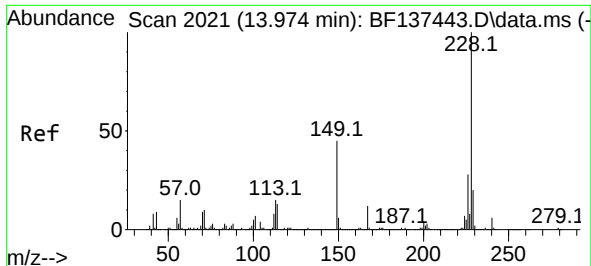


#80
 Butylbenzylphthalate
 Concen: 56.575 ng
 RT: 13.527 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: BF137579.D
 Acq: 13 Mar 2024 16:21



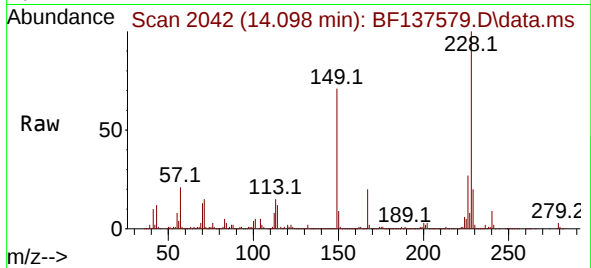
Tgt Ion:149 Resp: 561325
 Ion Ratio Lower Upper
 149 100
 91 80.8 64.7 97.1
 206 21.4 17.5 26.3





#81
Benzo(a)anthracene
Concen: 41.991 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

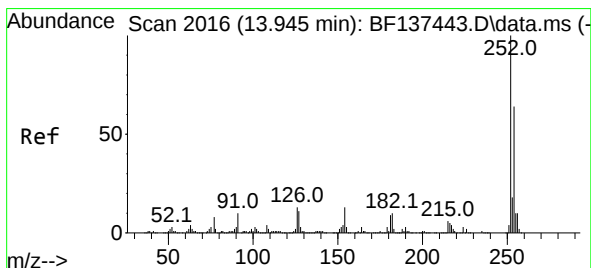
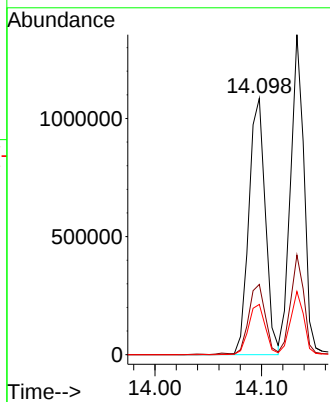
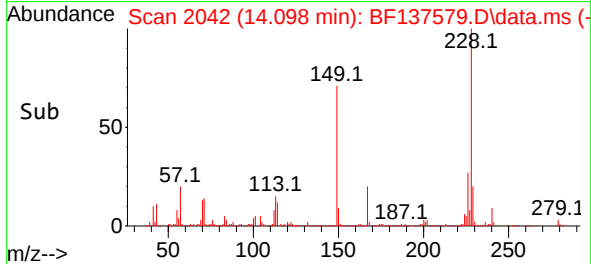
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



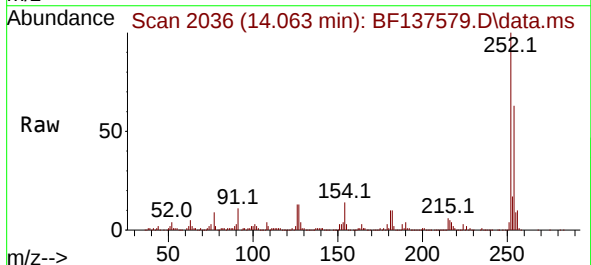
Tgt Ion:228 Resp: 1165275
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 19.6 16.3 24.5

Manual Integrations
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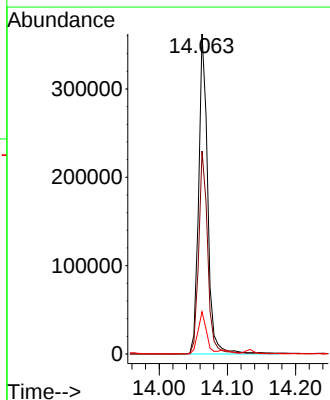
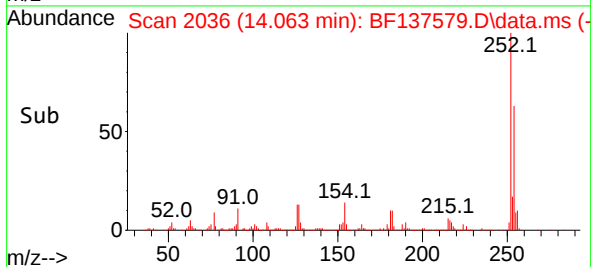
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

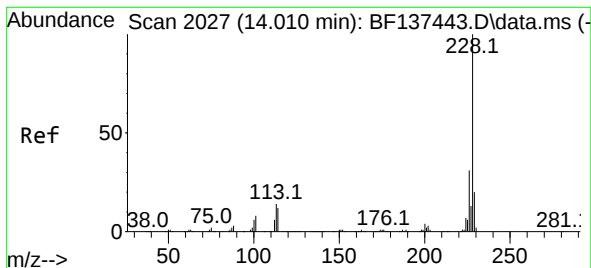


#82
3,3'-Dichlorobenzidine
Concen: 45.167 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21



Tgt Ion:252 Resp: 333785
Ion Ratio Lower Upper
252 100
254 63.4 51.4 77.2
126 13.2 10.4 15.6





#83

Chrysene

Concen: 42.506 ng

RT: 14.133 min Scan# 2042

Delta R.T. 0.006 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:228 Resp: 1192179

Ion Ratio Lower Upper

228 100

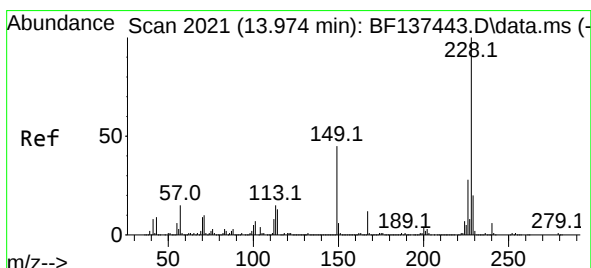
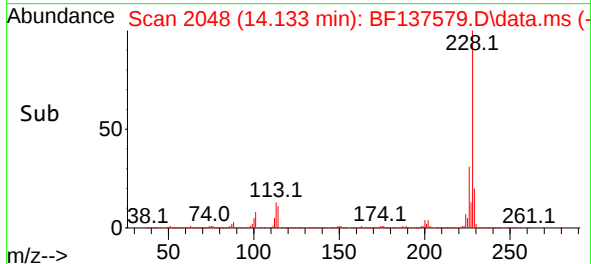
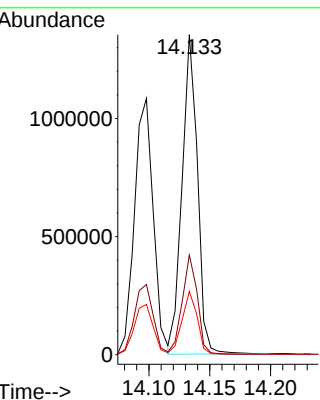
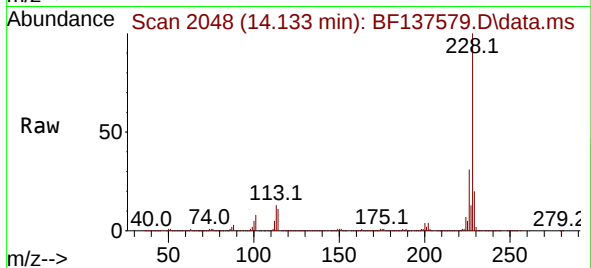
226 31.1 24.7 37.1

229 19.8 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.241 ng

RT: 14.098 min Scan# 2042

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

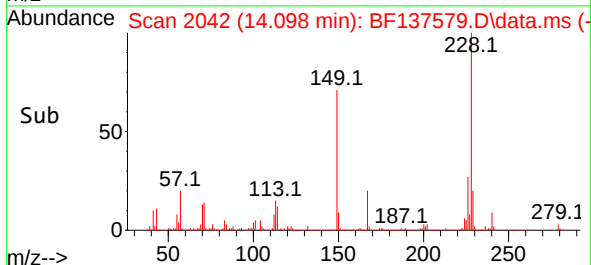
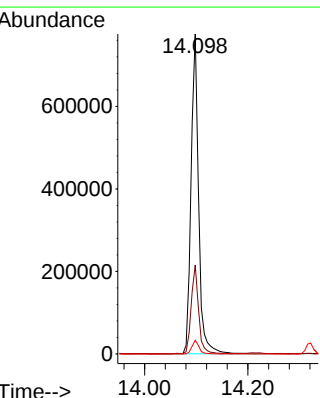
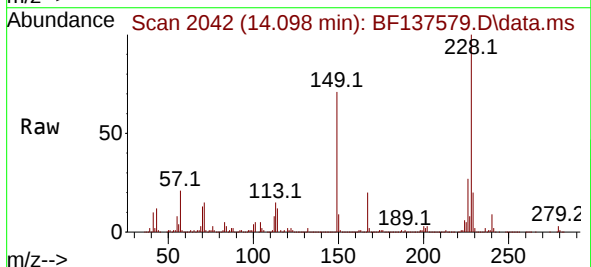
Tgt Ion:149 Resp: 784914

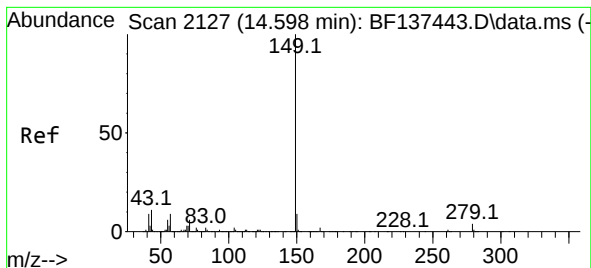
Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

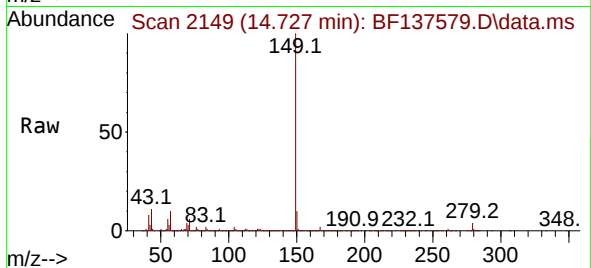
279 4.3 2.6 4.0#





#85
Di-n-octyl phthalate
Concen: 58.000 ng
RT: 14.727 min Scan# 2127
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

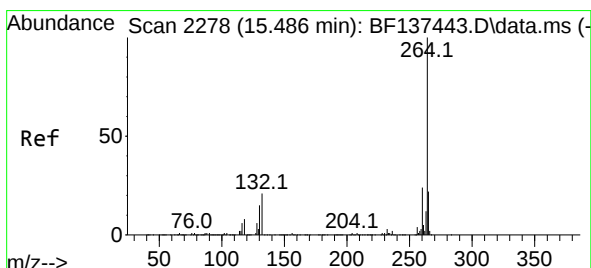
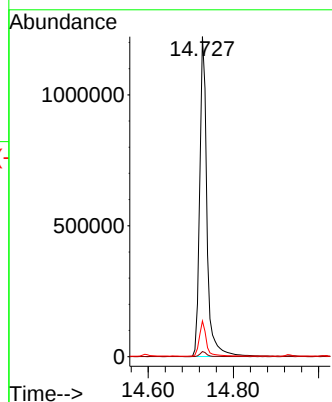
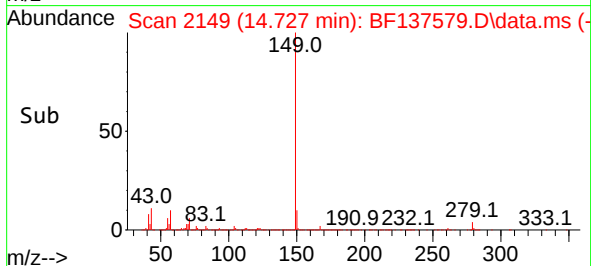
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



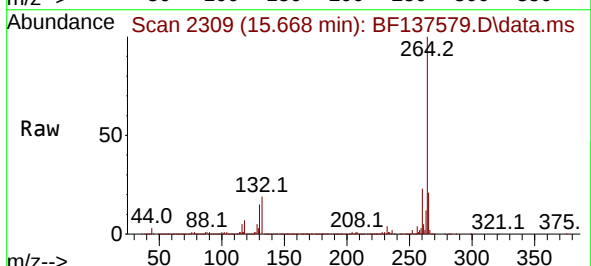
Tgt Ion:149 Resp: 144179
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.6 9.6 14.4

Manual Integrations
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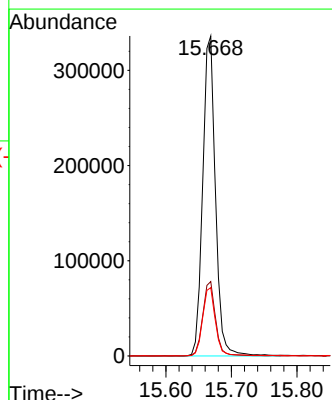
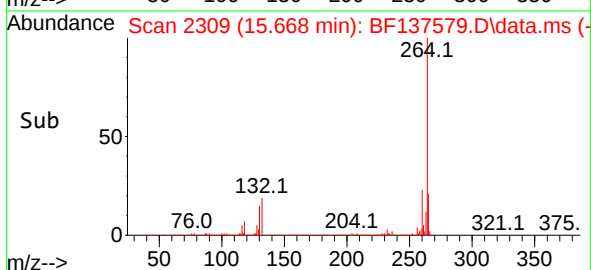
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

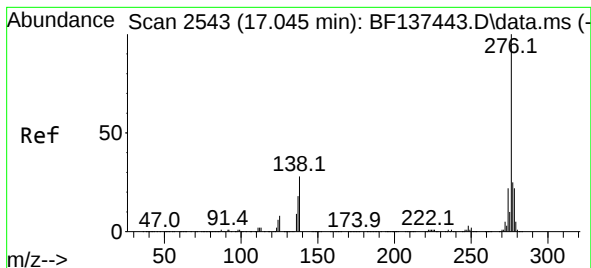


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2309
Delta R.T. 0.018 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21



Tgt Ion:264 Resp: 455740
Ion Ratio Lower Upper
264 100
260 23.2 19.3 28.9
265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.322 ng

RT: 17.315 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:276 Resp: 111933

Ion Ratio Lower Upper

276 100

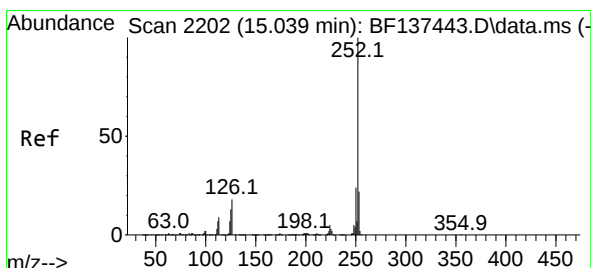
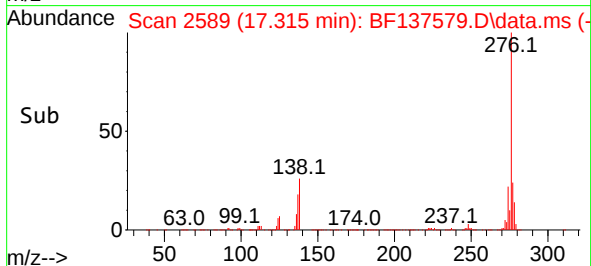
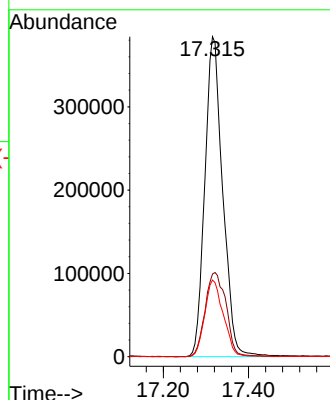
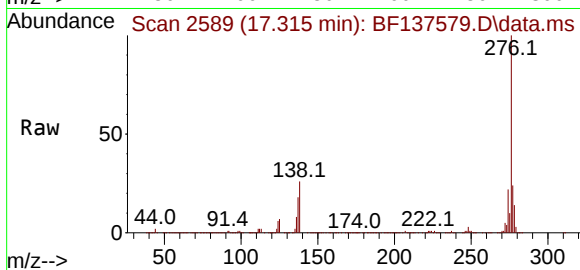
138 30.8 25.8 38.8

277 25.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#88

Benzo(b)fluoranthene

Concen: 45.033 ng

RT: 15.198 min Scan# 2229

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

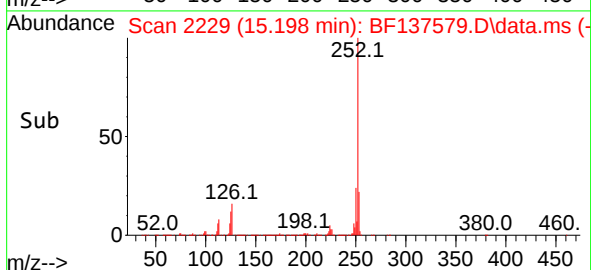
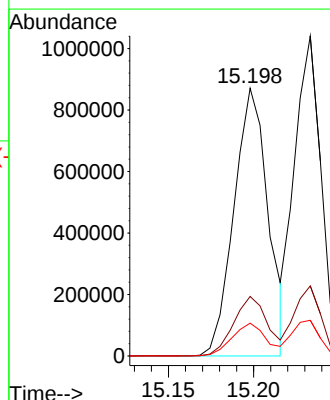
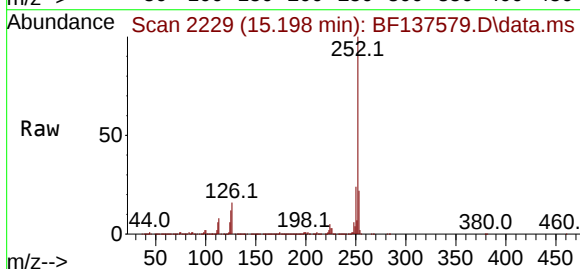
Tgt Ion:252 Resp: 1214040

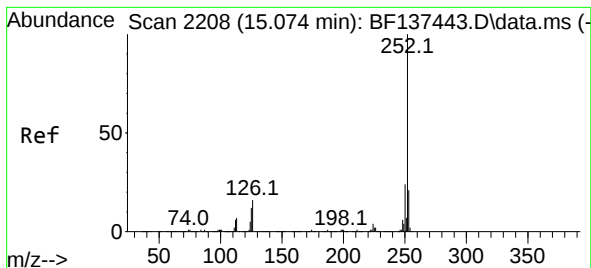
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 12.3 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 39.402 ng

RT: 15.233 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:252 Resp: 1140934

Ion Ratio Lower Upper

252 100

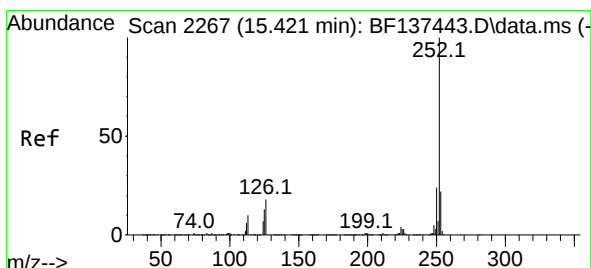
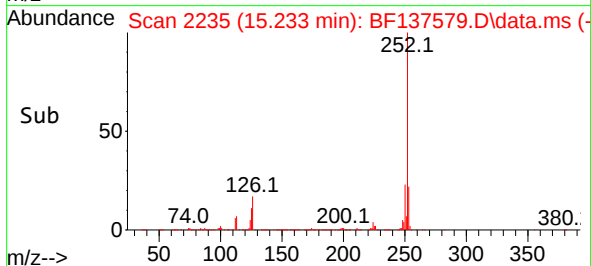
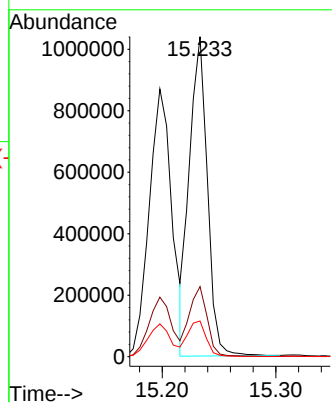
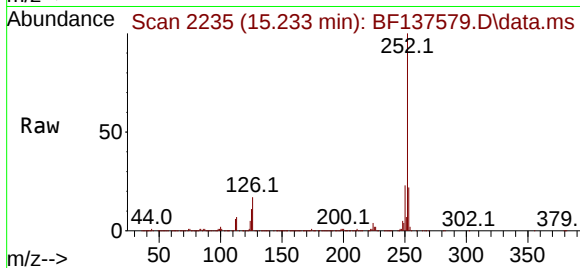
253 21.9 17.3 25.9

125 11.2 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#90

Benzo(a)pyrene

Concen: 42.073 ng

RT: 15.604 min Scan# 2298

Delta R.T. 0.018 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

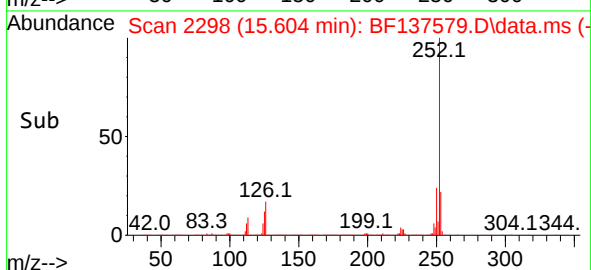
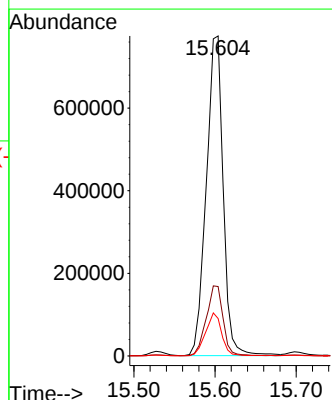
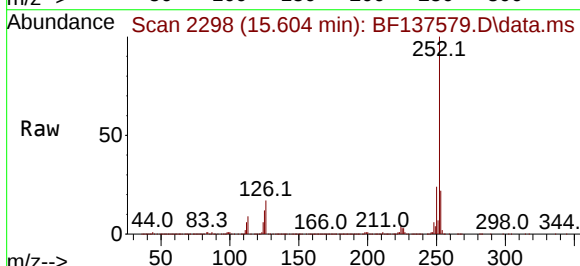
Tgt Ion:252 Resp: 1117734

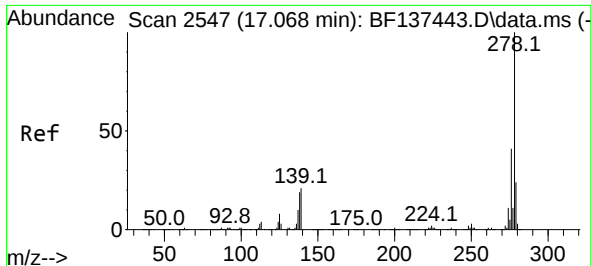
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

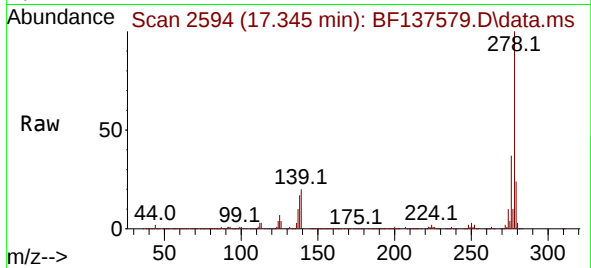
125 11.7 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 37.160 ng
RT: 17.345 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

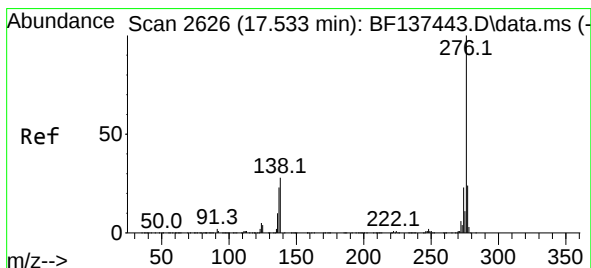
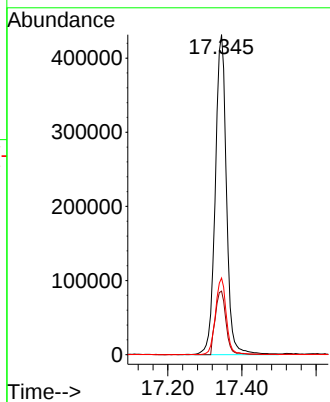
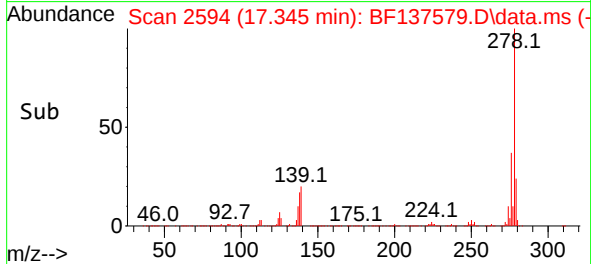
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:278 Resp: 904069
Ion Ratio Lower Upper
278 100
139 19.8 17.0 25.6
279 24.0 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#92
Benzo(g,h,i)perylene
Concen: 32.941 ng
RT: 17.815 min Scan# 2674
Delta R.T. 0.024 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:276 Resp: 823035
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 26.8 22.2 33.2

