

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138005.D
 Acq On : 22 May 2024 15:19
 Operator : CG\JU
 Sample : P2525-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-AAMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 22 15:49:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	145420	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	577813	20.000	ng	-0.01
39) Acenaphthene-d10	10.086	164	325043	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	555813	20.000	ng	0.00
76) Chrysene-d12	14.227	240	268130	20.000	ng	0.00
86) Perylene-d12	15.792	264	308674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1027282	119.996	ng	0.01
7) Phenol-d6	6.657	99	1226731	116.325	ng	0.00
23) Nitrobenzene-d5	7.598	82	842085	85.767	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	472170	144.068	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1786802	84.677	ng	0.00
79) Terphenyl-d14	13.163	244	1788953	98.331	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.134	88	134423	36.246	ng	# 85
3) Pyridine	3.822	79	280663	33.728	ng	98
4) n-Nitrosodimethylamine	3.775	42	164409	44.786	ng	96
6) Aniline	6.698	93	188135	19.946	ng	99
8) 2-Chlorophenol	6.822	128	421569	45.503	ng	98
9) Benzaldehyde	6.587	77	37372	6.550	ng	99
10) Phenol	6.669	94	440216	41.357	ng	97
11) bis(2-Chloroethyl)ether	6.769	93	369259	45.181	ng	100
12) 1,3-Dichlorobenzene	6.981	146	449865	41.968	ng	98
13) 1,4-Dichlorobenzene	7.051	146	453087	42.110	ng	98
14) 1,2-Dichlorobenzene	7.204	146	442036	43.652	ng	100
15) Benzyl Alcohol	7.169	79	339210	48.170	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	470533	46.836	ng	98
17) 2-Methylphenol	7.275	107	336456	45.538	ng	99
18) Hexachloroethane	7.551	117	155470	42.700	ng	96
19) n-Nitroso-di-n-propyla...	7.445	70	276474	46.664	ng	99
20) 3+4-Methylphenols	7.428	107	432514	44.684	ng	96
22) Acetophenone	7.445	105	578051	44.658	ng	99
24) Nitrobenzene	7.616	77	421876	42.356	ng	98
25) Isophorone	7.851	82	784158	46.018	ng	100
26) 2-Nitrophenol	7.934	139	238397	47.634	ng	96
27) 2,4-Dimethylphenol	7.957	122	318127	49.372	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	473427	45.841	ng	100
29) 2,4-Dichlorophenol	8.169	162	371109	45.801	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	387152	42.794	ng	99
31) Naphthalene	8.339	128	1254383	43.176	ng	99
32) Benzoic acid	8.075	122	260437	47.814	ng	99
33) 4-Chloroaniline	8.381	127	45056	4.731	ng	97
34) Hexachlorobutadiene	8.451	225	235623	41.148	ng	99
35) Caprolactam	8.757	113	108678m	46.295	ng	
36) 4-Chloro-3-methylphenol	8.863	107	387302	46.988	ng	99
37) 2-Methylnaphthalene	9.034	142	846920	45.351	ng	99
38) 1-Methylnaphthalene	9.134	142	780983	42.539	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	406883	46.045	ng	99
41) Hexachlorocyclopentadiene	9.186	237	445397	132.649	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	279646	48.265	ng	99

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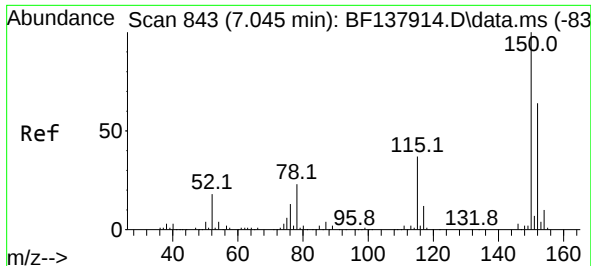
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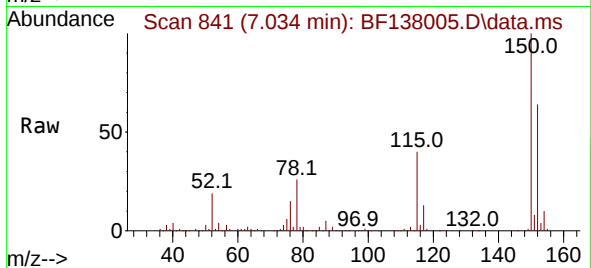
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.357	196	301482	47.555	ng	98
46) 1,1'-Biphenyl	9.498	154	1048494	45.990	ng	99
47) 2-Chloronaphthalene	9.528	162	815032	44.785	ng	99
48) 2-Nitroaniline	9.622	65	222651	47.776	ng	98
49) Acenaphthylene	9.945	152	1285935	49.142	ng	99
50) Dimethylphthalate	9.798	163	985233	48.337	ng	100
51) 2,6-Dinitrotoluene	9.863	165	219982	47.024	ng	95
52) Acenaphthene	10.122	154	879982	50.880	ng	99
53) 3-Nitroaniline	10.028	138	54004	11.808	ng	98
54) 2,4-Dinitrophenol	10.139	184	246167	95.887	ng	# 86
55) Dibenzofuran	10.292	168	1172030	46.563	ng	99
56) 4-Nitrophenol	10.192	139	310746	94.603	ng	88
57) 2,4-Dinitrotoluene	10.269	165	299832	49.577	ng	91
58) Fluorene	10.639	166	927339	46.579	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	249890	50.176	ng	99
60) Diethylphthalate	10.498	149	917944	48.221	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	457610	46.609	ng	99
62) 4-Nitroaniline	10.657	138	189583	43.706	ng	96
63) Azobenzene	10.786	77	834509	48.195	ng	99
65) 4,6-Dinitro-2-methylph...	10.675	198	169034	52.670	ng	89
66) n-Nitrosodiphenylamine	10.745	169	778101	45.650	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	288289	47.313	ng	97
68) Hexachlorobenzene	11.180	284	313345	46.522	ng	# 92
69) Atrazine	11.263	200	183354	39.393	ng	99
70) Pentachlorophenol	11.375	266	380083	96.336	ng	98
71) Phenanthrene	11.604	178	1272398	46.455	ng	99
72) Anthracene	11.657	178	1304587	48.005	ng	99
73) Carbazole	11.810	167	1068321	43.034	ng	100
74) Di-n-butylphthalate	12.127	149	1379565	50.074	ng	99
75) Fluoranthene	12.798	202	1213101	43.635	ng	100
77) Benzidine	12.916	184	80356	22.932	ng	99
78) Pyrene	13.027	202	1165818	49.711	ng	100
80) Butylbenzylphthalate	13.633	149	406737	57.500	ng	98
81) Benzo(a)anthracene	14.216	228	836083	49.287	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	92799	19.740	ng	99
83) Chrysene	14.257	228	790405	48.720	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	505945	56.899	ng	99
85) Di-n-octyl phthalate	14.816	149	809324	67.372	ng	99
87) Indeno(1,2,3-cd)pyrene	17.415	276	801532	40.417	ng	100
88) Benzo(b)fluoranthene	15.321	252	892062	49.913	ng	99
89) Benzo(k)fluoranthene	15.357	252	792303	45.125	ng	99
90) Benzo(a)pyrene	15.727	252	785887	51.495	ng	98
91) Dibenzo(a,h)anthracene	17.439	278	657983	40.158	ng	99
92) Benzo(g,h,i)perylene	17.915	276	575902	33.458	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

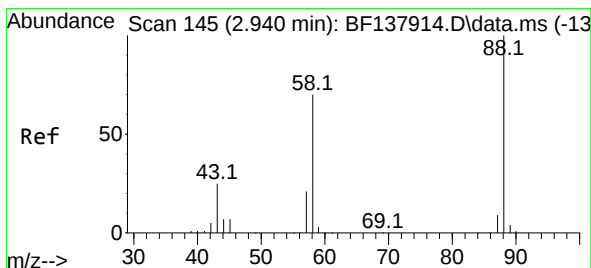
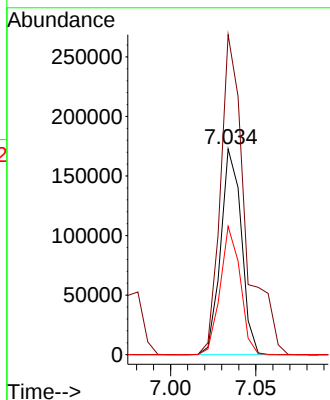
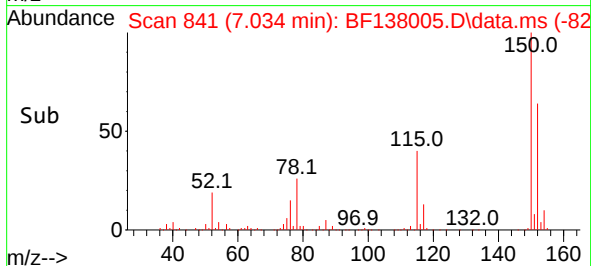
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



Tgt Ion:152 Resp: 145420
Ion Ratio Lower Upper
152 100
150 155.5 125.7 188.5
115 62.4 47.0 70.6

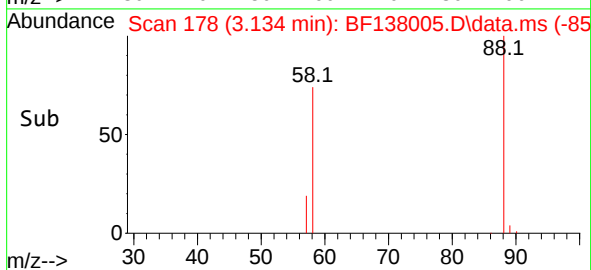
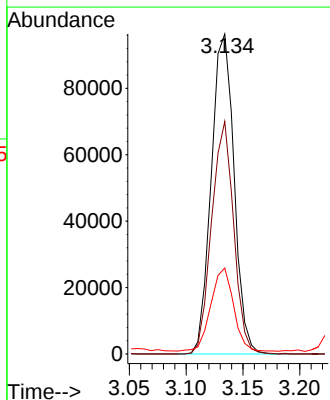
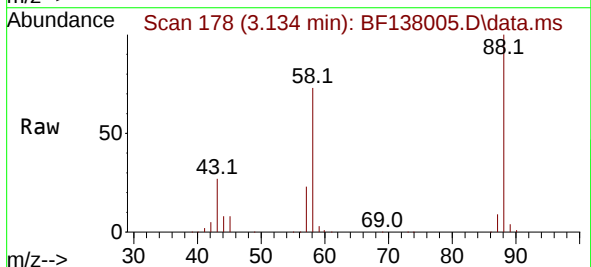
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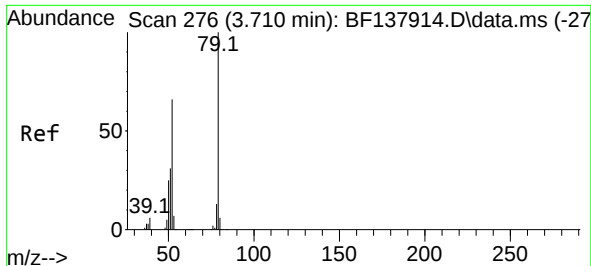
Reviewed By :Yogesh Patel 05/24/2024
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#2
1,4-Dioxane
Concen: 36.246 ng
RT: 3.134 min Scan# 178
Delta R.T. 0.194 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

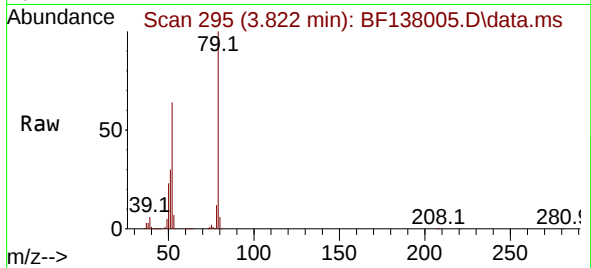
Tgt Ion: 88 Resp: 134423
Ion Ratio Lower Upper
88 100
58 70.3 54.4 81.6
43 0.0 19.6 29.4





#3
Pyridine
Concen: 33.728 ng
RT: 3.822 min Scan# 295
Delta R.T. 0.112 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

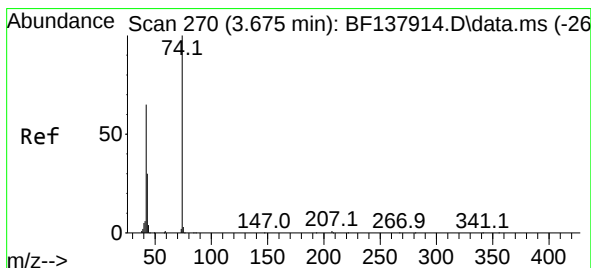
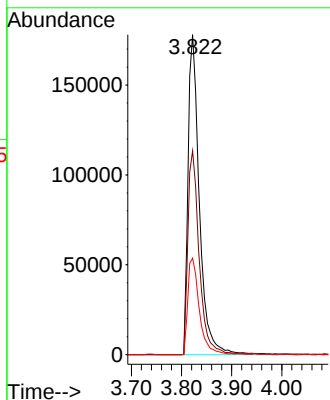
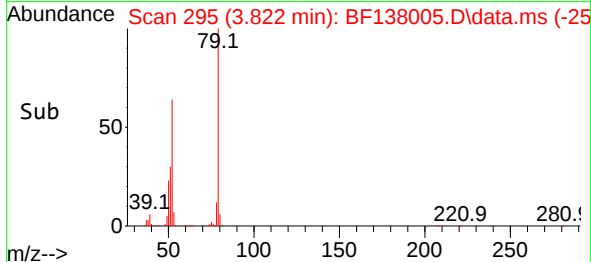
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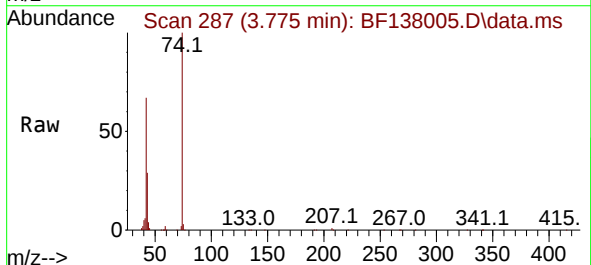
Tgt Ion: 79 Resp: 28066
Ion Ratio Lower Upper
79 100
52 63.7 52.5 78.7
51 30.1 25.1 37.7

Manual Integrations
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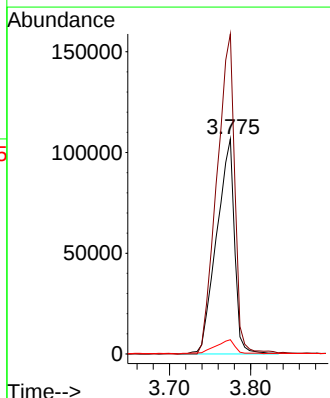
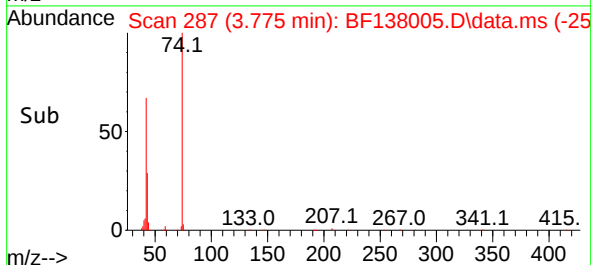
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

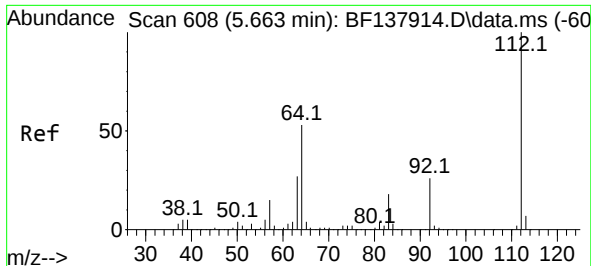


#4
n-Nitrosodimethylamine
Concen: 44.786 ng
RT: 3.775 min Scan# 287
Delta R.T. 0.100 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19



Tgt Ion: 42 Resp: 164409
Ion Ratio Lower Upper
42 100
74 148.8 123.1 184.7
44 6.6 5.0 7.6





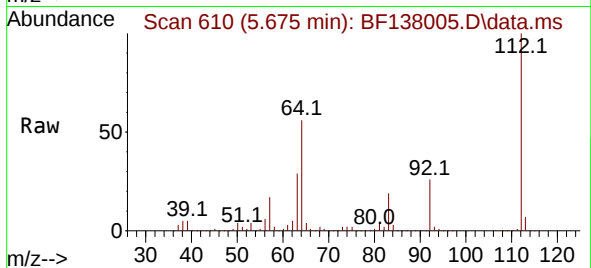
#5
2-Fluorophenol
Concen: 119.996 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Instrument :

BNA_F

ClientSampleId :

WC-MH-AAMSD



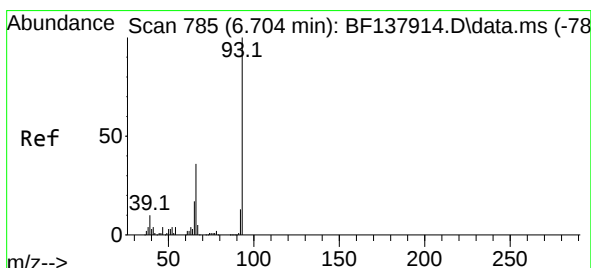
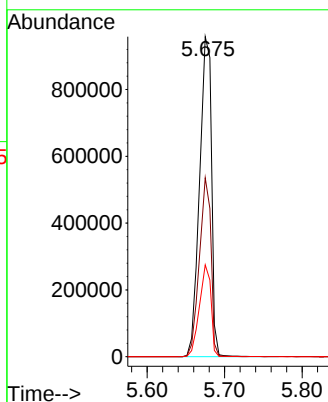
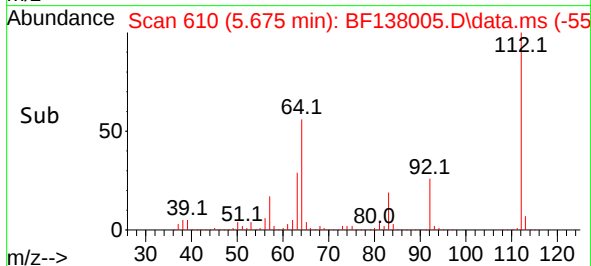
Tgt Ion:112 Resp: 102728
Ion Ratio Lower Upper
112 100
64 55.9 42.4 63.6
63 28.7 21.4 32.2

Manual Integrations

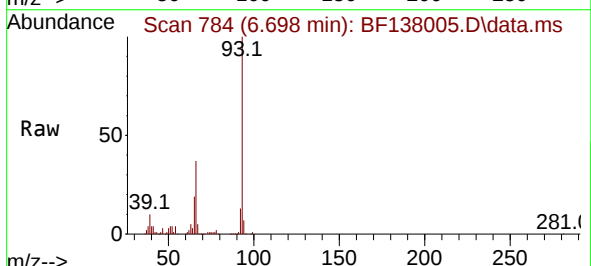
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Reviewed By :Yogesh Patel 05/24/2024

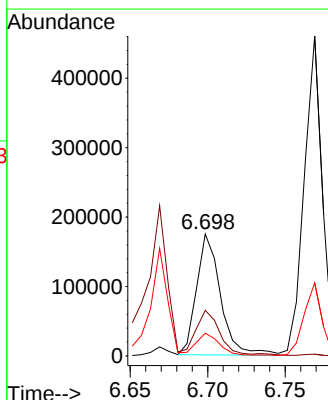
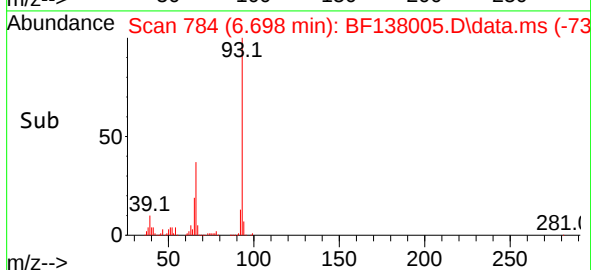
Supervised By :mohammad ahmed 05/24/2024

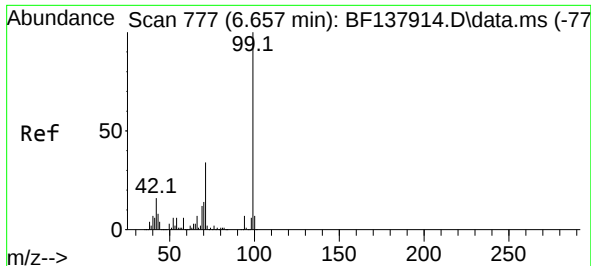


#6
Aniline
Concen: 19.946 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19



Tgt Ion: 93 Resp: 188135
Ion Ratio Lower Upper
93 100
66 37.4 30.7 46.1
65 18.7 15.0 22.4





#7

Phenol-d6

Concen: 116.325 ng

RT: 6.657 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138005.D

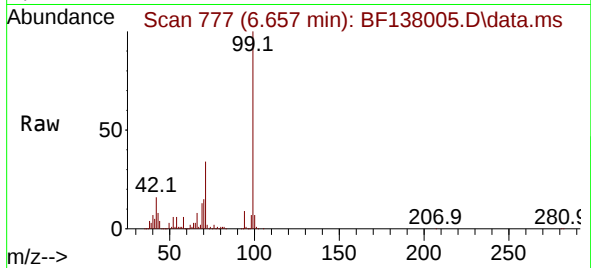
Acq: 22 May 2024 15:19

Instrument :

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WC-MH-AAMSD



Tgt Ion: 99 Resp: 122673

Ion Ratio Lower Upper

99 100

42 15.6 12.6 18.8

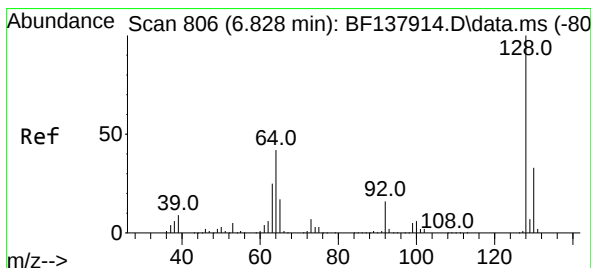
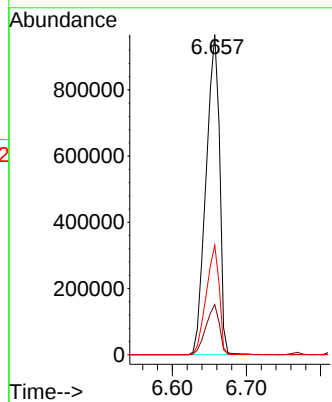
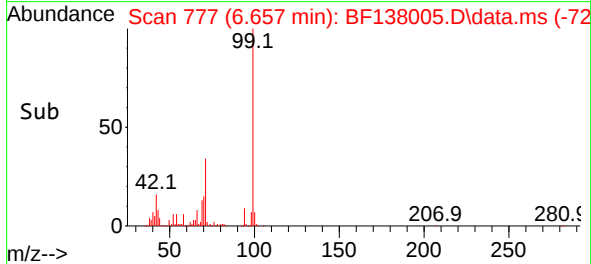
71 34.3 27.1 40.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 45.503 ng

RT: 6.822 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

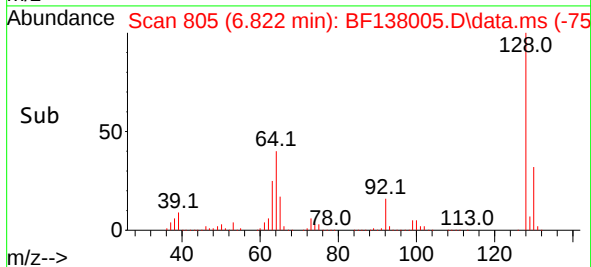
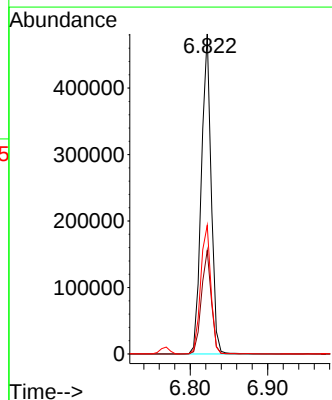
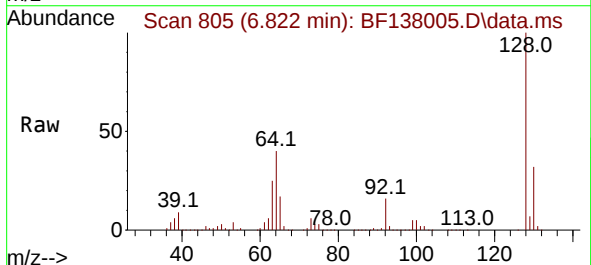
Tgt Ion:128 Resp: 421569

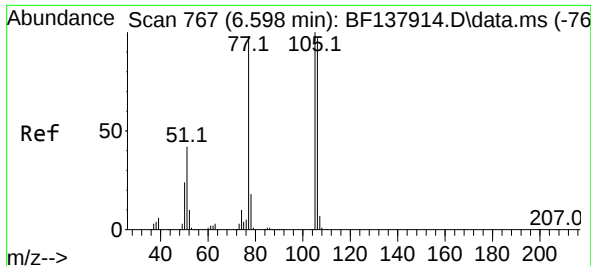
Ion Ratio Lower Upper

128 100

130 32.4 12.8 52.8

64 40.2 22.2 62.2





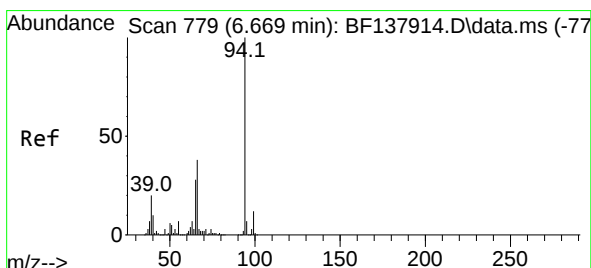
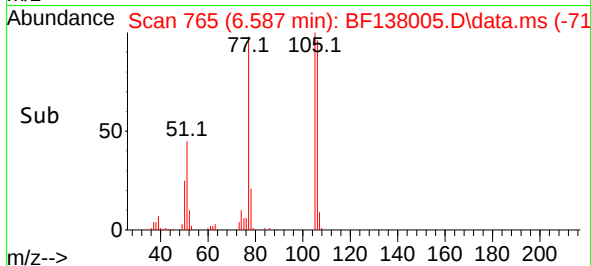
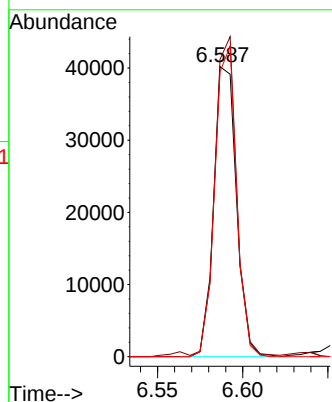
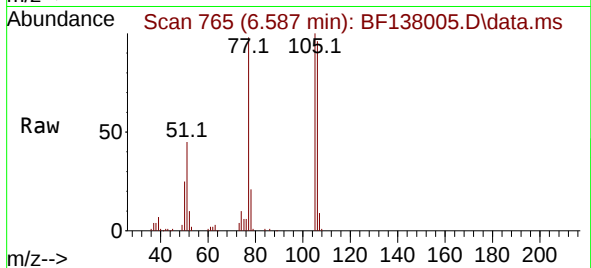
#9
Benzaldehyde
Concen: 6.550 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.011 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD

Tgt Ion: 77 Resp: 37372
Ion Ratio Lower Upper
77 100
105 102.5 82.3 122.3
106 98.2 79.2 119.2

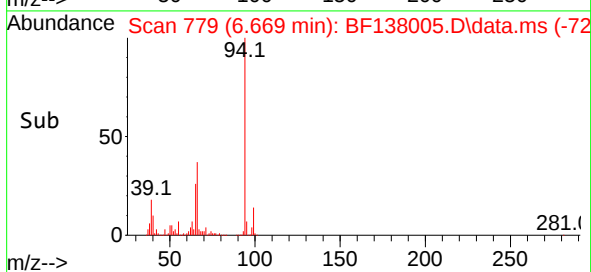
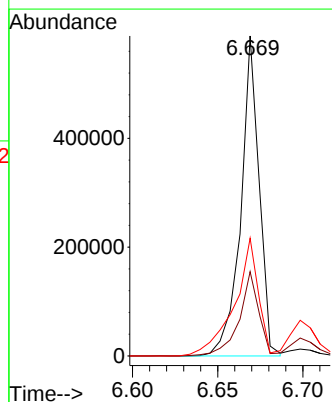
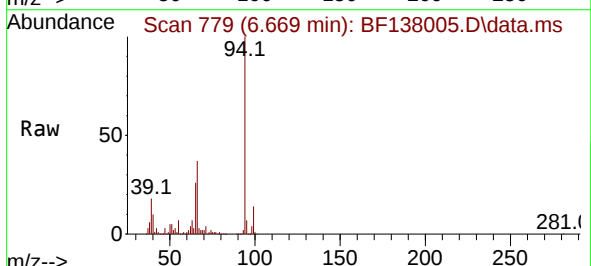
Manual Integrations
APPROVED

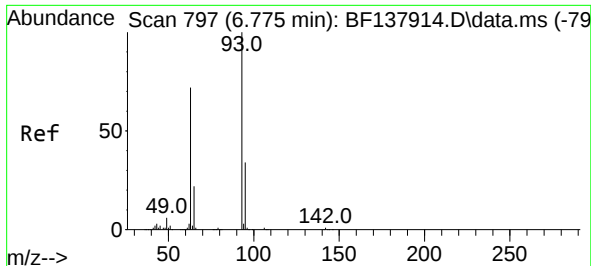
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#10
Phenol
Concen: 41.357 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

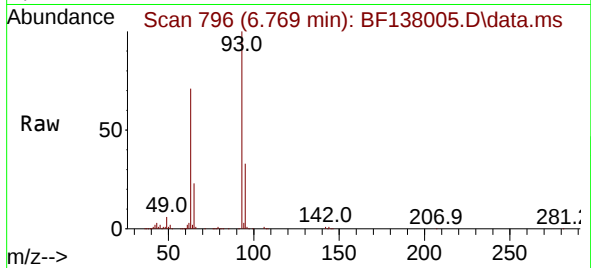
Tgt Ion: 94 Resp: 440216
Ion Ratio Lower Upper
94 100
65 26.4 7.8 47.8
66 36.8 18.6 58.6





#11
bis(2-Chloroethyl)ether
Concen: 45.181 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

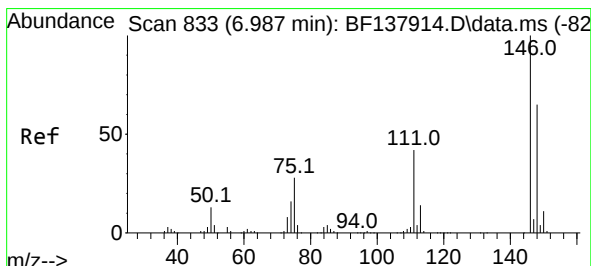
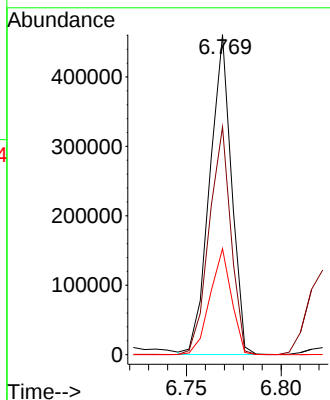
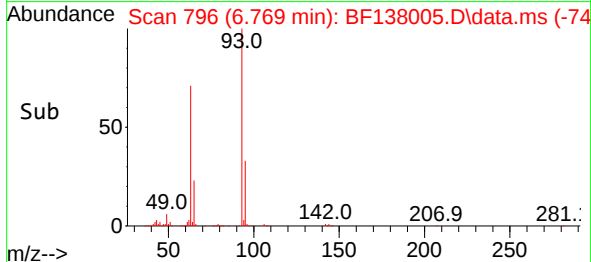
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



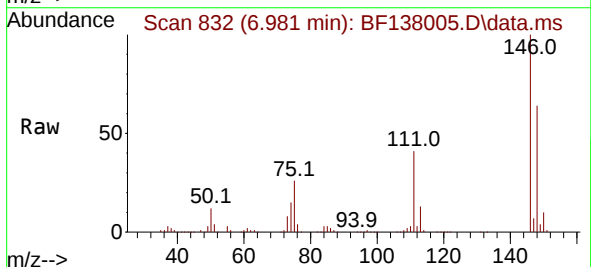
Tgt Ion: 93 Resp: 369259
Ion Ratio Lower Upper
93 100
63 71.2 51.4 91.4
95 33.2 13.5 53.5

Manual Integrations
APPROVED

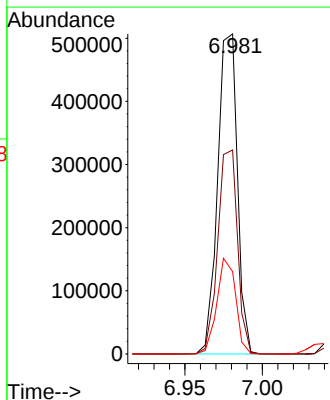
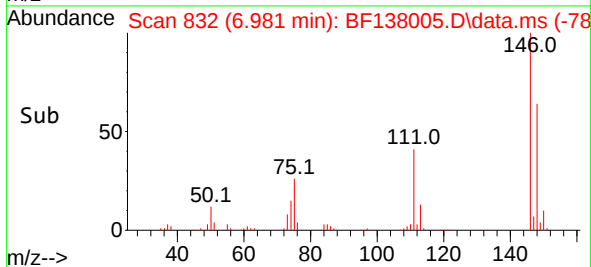
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

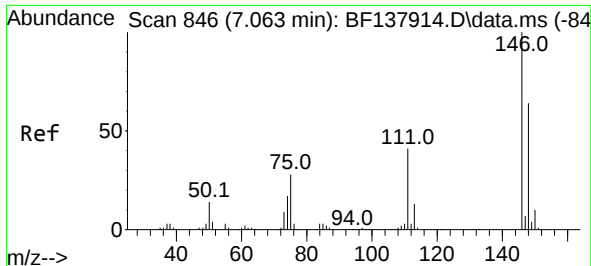


#12
1,3-Dichlorobenzene
Concen: 41.968 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19



Tgt Ion:146 Resp: 449865
Ion Ratio Lower Upper
146 100
148 63.7 51.7 77.5
75 25.8 22.4 33.6





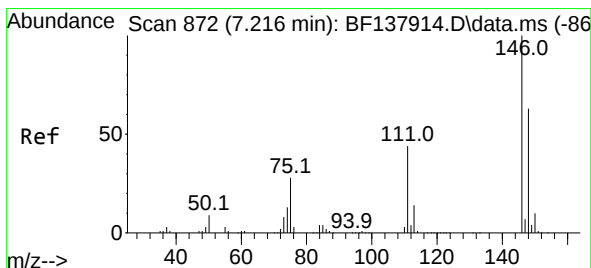
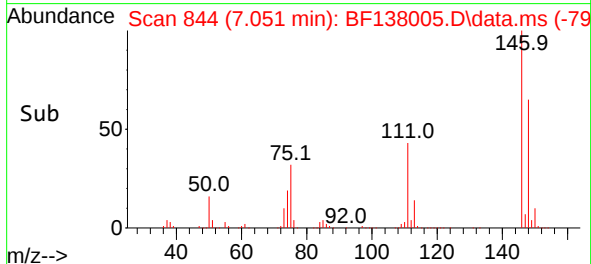
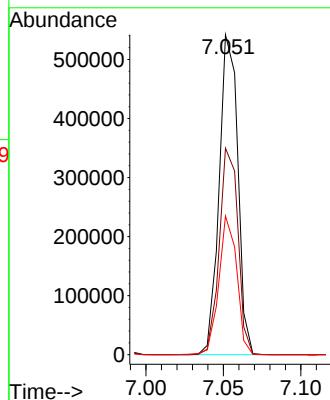
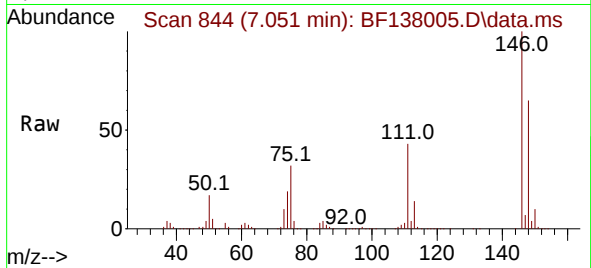
#13
1,4-Dichlorobenzene
Concen: 42.110 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD

Tgt Ion:146 Resp: 45308
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.6
111 43.4 32.5 48.7

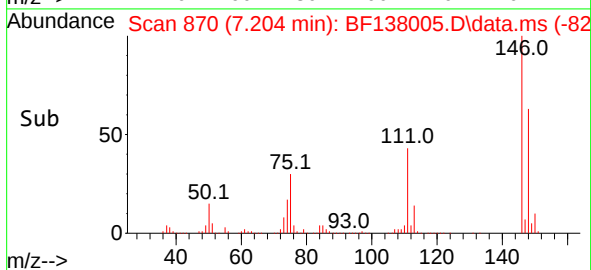
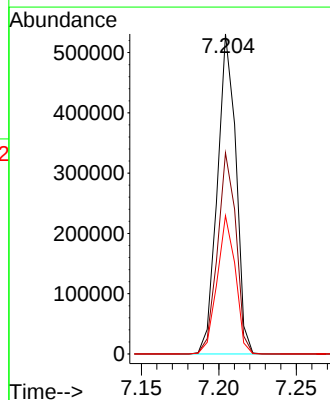
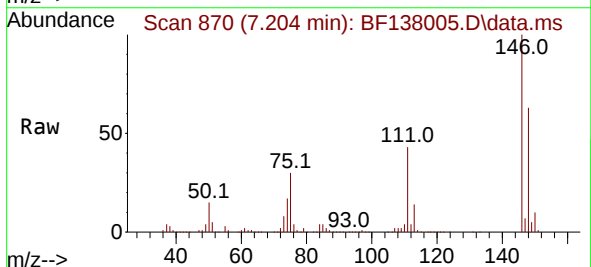
Manual Integrations
APPROVED

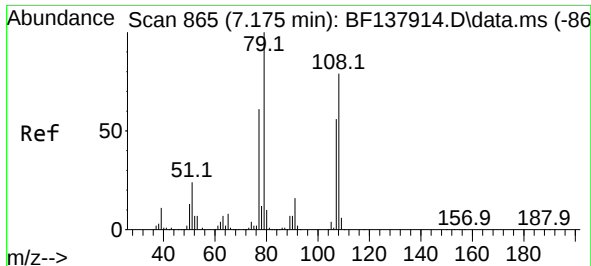
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#14
1,2-Dichlorobenzene
Concen: 43.652 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

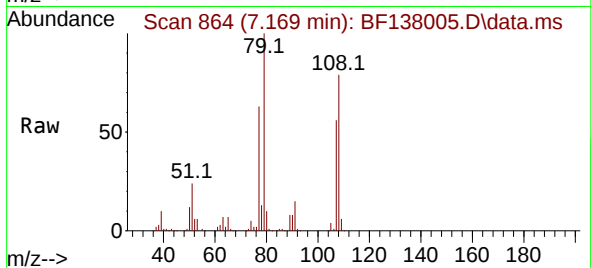
Tgt Ion:146 Resp: 442036
Ion Ratio Lower Upper
146 100
148 62.9 50.2 75.4
111 43.2 35.1 52.7





#15
Benzyl Alcohol
Concen: 48.170 ng
RT: 7.169 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

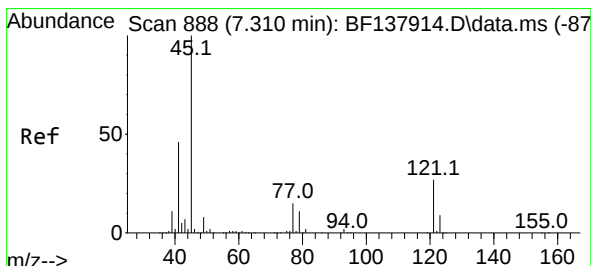
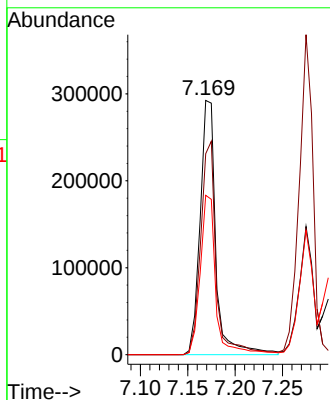
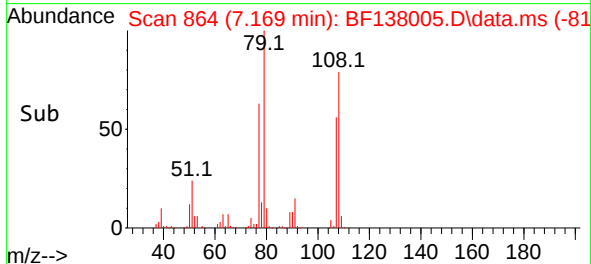
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



Tgt Ion: 79 Resp: 339210
Ion Ratio Lower Upper
79 100
108 79.1 62.8 94.2
77 62.6 48.7 73.1

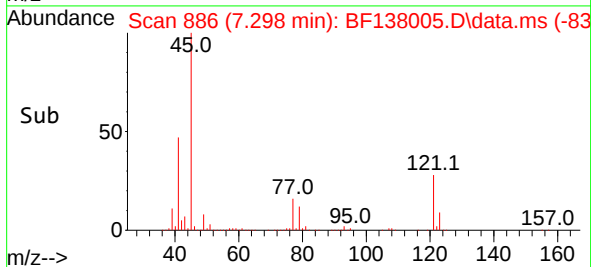
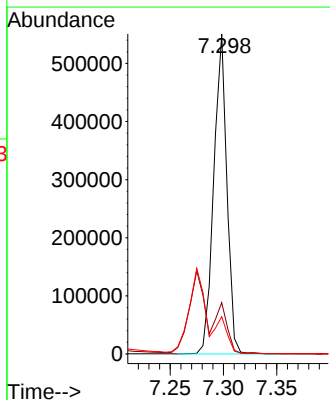
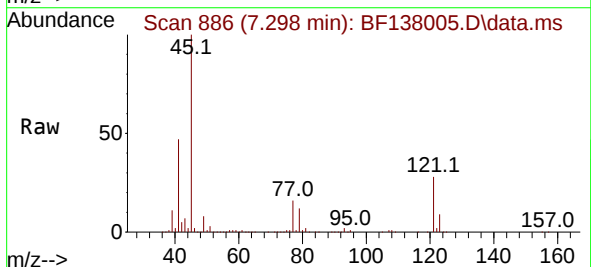
Manual Integrations
APPROVED

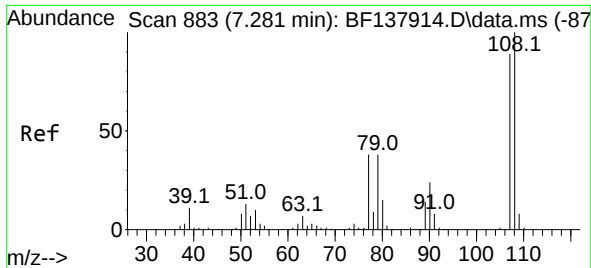
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.836 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Tgt Ion: 45 Resp: 470533
Ion Ratio Lower Upper
45 100
77 16.1 0.0 35.3
79 11.6 0.0 32.1





#17
2-Methylphenol
Concen: 45.538 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Instrument :

BNA_F

ClientSampleId :

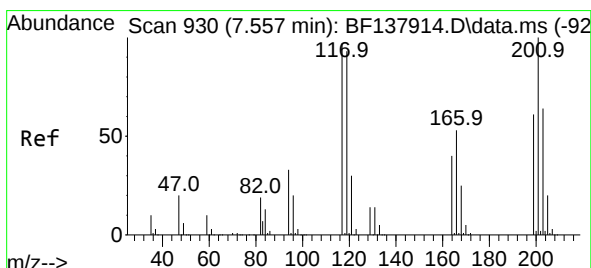
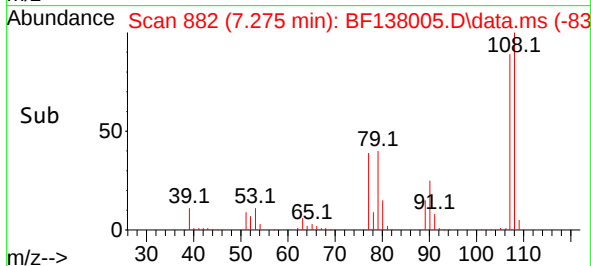
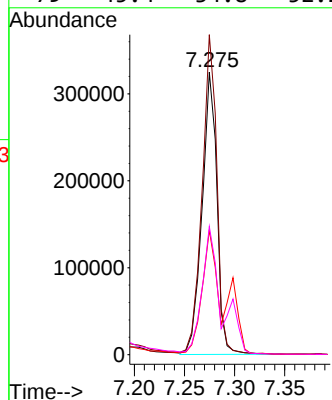
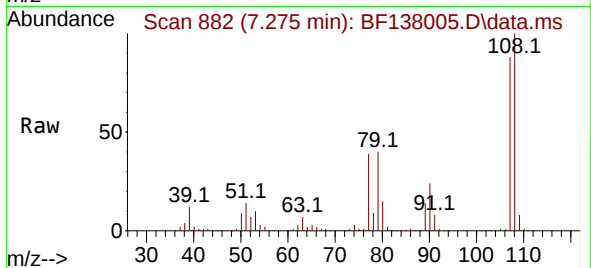
WC-MH-AAMSD

Tgt Ion:107 Resp: 336450
Ion Ratio Lower Upper
107 100
108 113.3 90.1 135.1
77 44.0 34.3 51.5
79 45.4 34.8 52.2

Manual Integrations

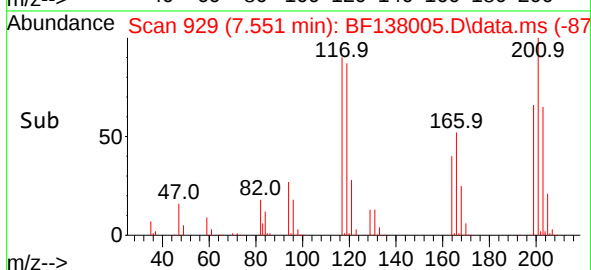
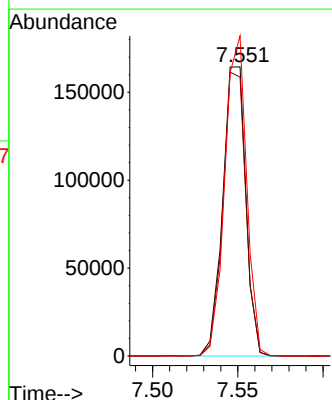
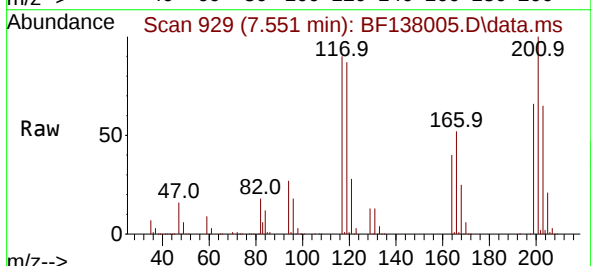
APPROVED

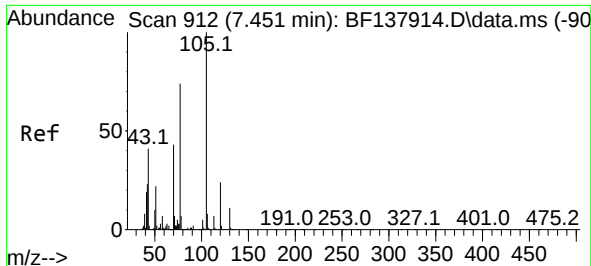
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#18
Hexachloroethane
Concen: 42.700 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

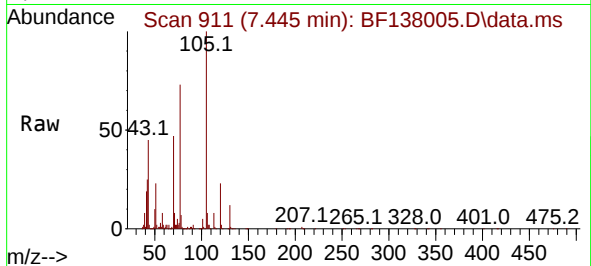
Tgt Ion:117 Resp: 155470
Ion Ratio Lower Upper
117 100
119 96.5 76.8 115.2
201 110.7 82.7 124.1





#19
n-Nitroso-di-n-propylamine
Concen: 46.664 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

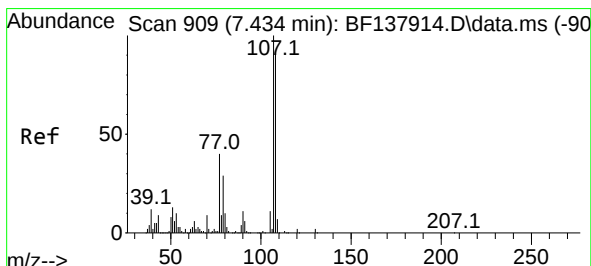
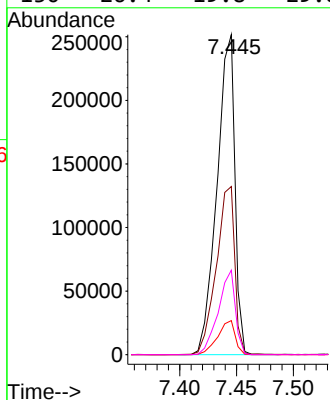
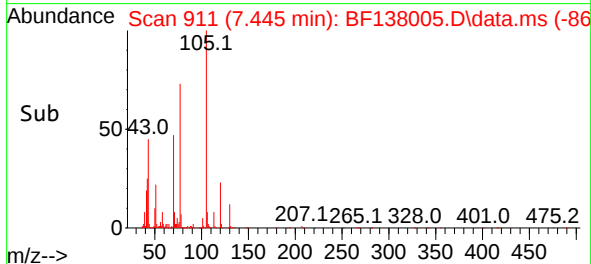
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



Tgt Ion: 70 Resp: 276474
Ion Ratio Lower Upper
70 100
42 52.5 42.2 63.4
101 10.7 8.8 13.2
130 26.4 19.8 29.8

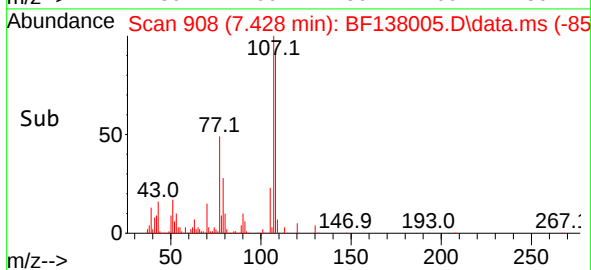
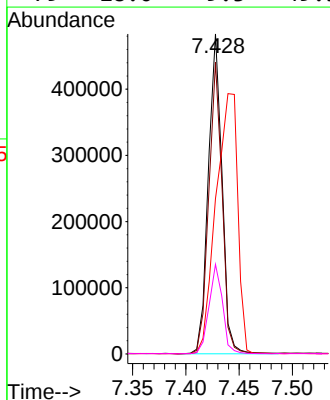
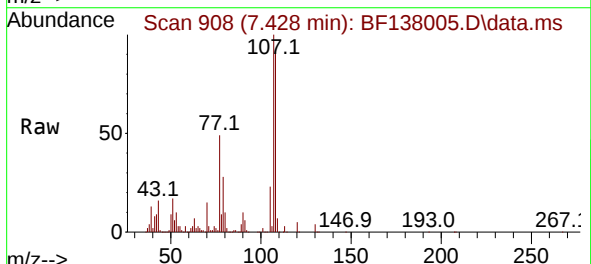
Manual Integrations
APPROVED

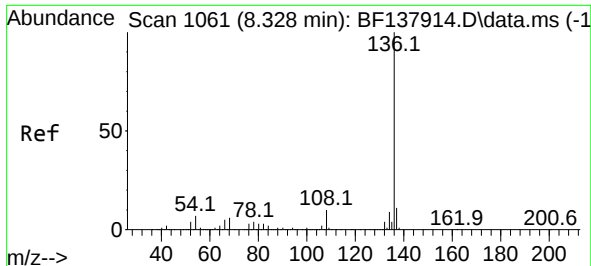
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#20
3+4-Methylphenols
Concen: 44.684 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Tgt Ion:107 Resp: 432514
Ion Ratio Lower Upper
107 100
108 91.2 70.8 110.8
77 48.5 20.2 60.2
79 28.0 9.3 49.3





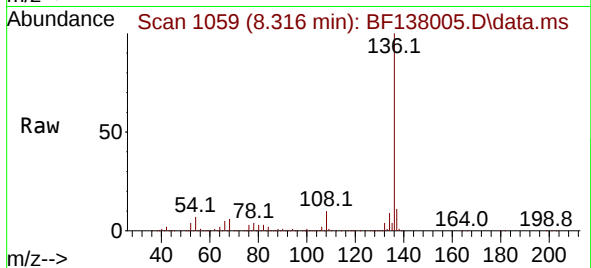
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1061
Delta R.T. -0.012 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Instrument :

BNA_F

ClientSampleId :

WC-MH-AAMSD



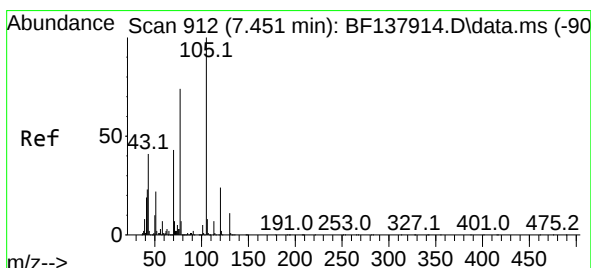
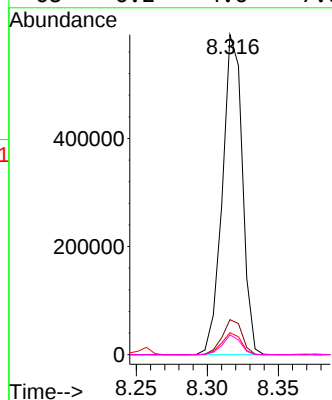
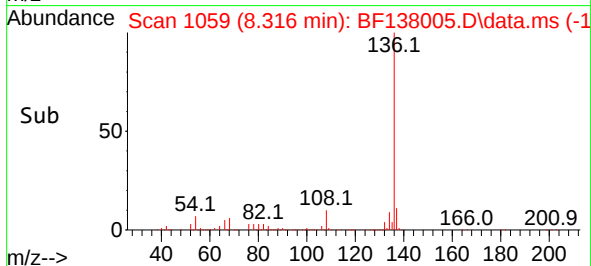
Tgt Ion:136 Resp: 577811
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.8 5.4 8.2
68 6.2 4.6 7.0

Manual Integrations

APPROVED

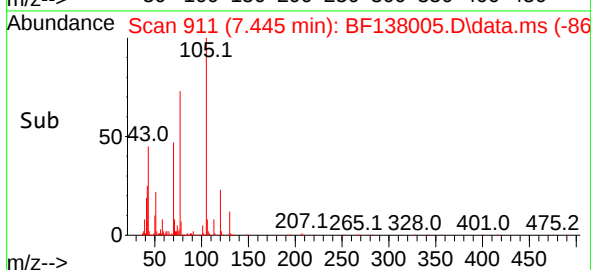
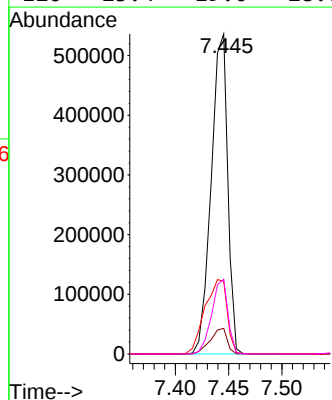
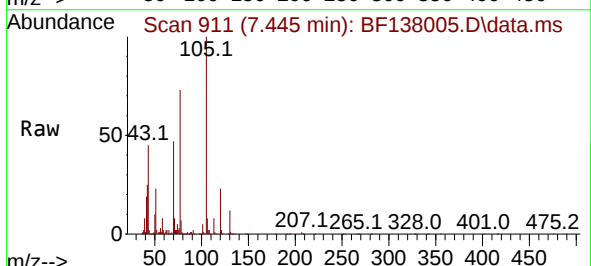
Reviewed By :Yogesh Patel 05/24/2024

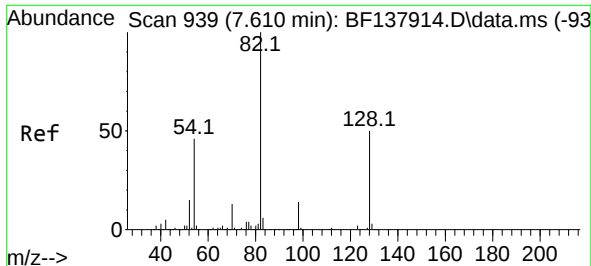
Supervised By :mohammad ahmed 05/24/2024



#22
Acetophenone
Concen: 44.658 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

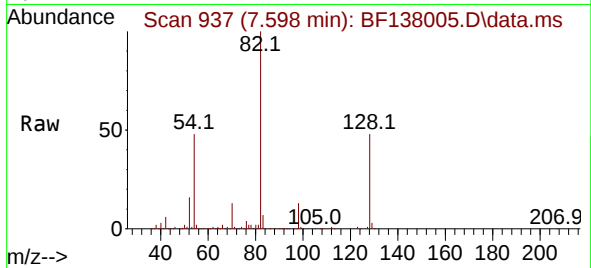
Tgt Ion:105 Resp: 578051
Ion Ratio Lower Upper
105 100
71 8.0 5.7 8.5
51 22.7 17.8 26.8
120 23.4 19.0 28.6





#23
Nitrobenzene-d5
Concen: 85.767 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

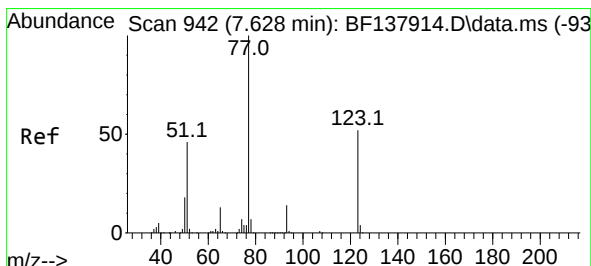
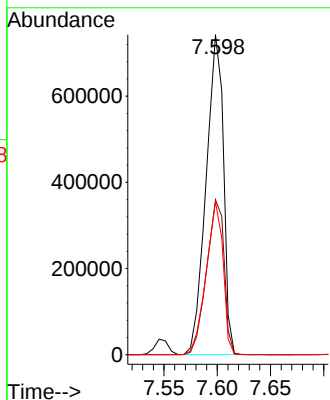
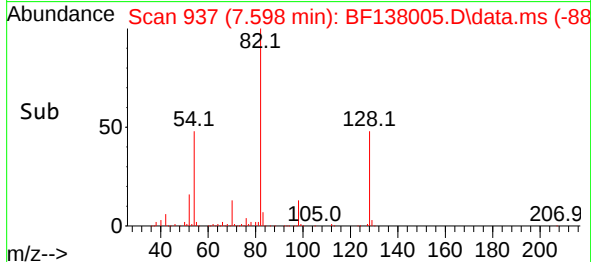
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



Tgt Ion: 82 Resp: 842085
Ion Ratio Lower Upper
82 100
128 48.5 40.3 60.5
54 47.8 36.8 55.2

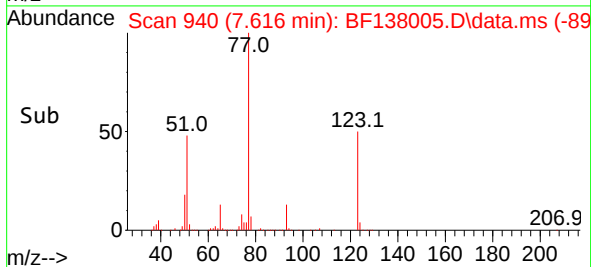
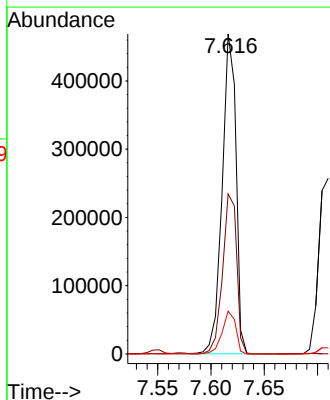
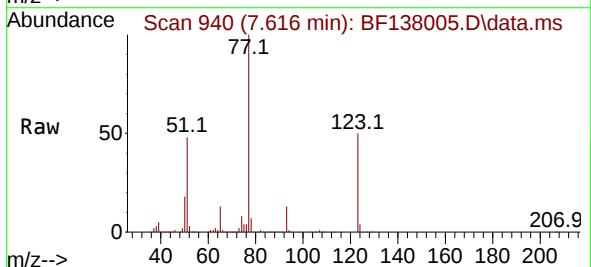
Manual Integrations
APPROVED

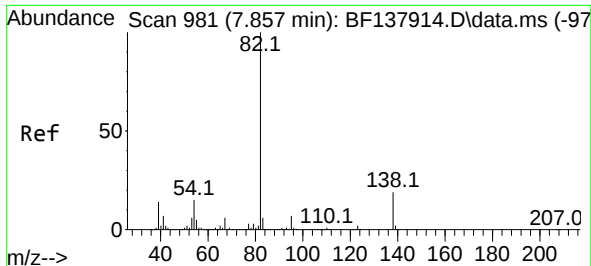
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#24
Nitrobenzene
Concen: 42.356 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

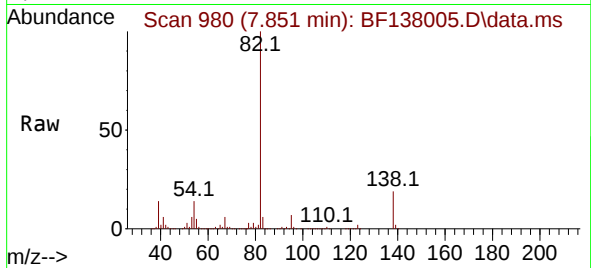
Tgt Ion: 77 Resp: 421876
Ion Ratio Lower Upper
77 100
123 50.0 41.4 62.2
65 13.4 10.5 15.7





#25
Isophorone
Concen: 46.018 ng
RT: 7.851 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

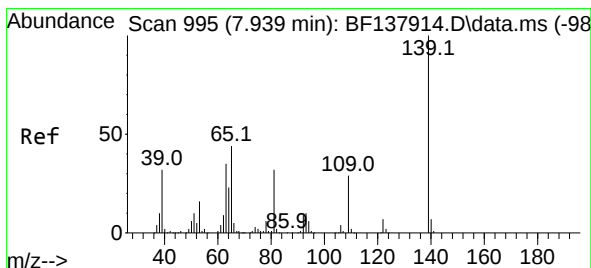
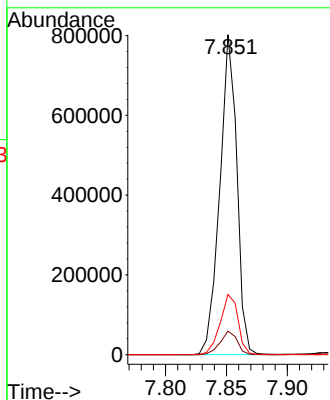
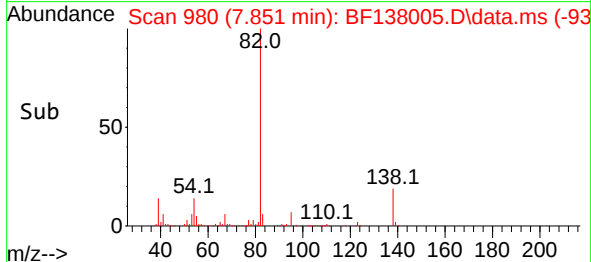
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



Tgt Ion: 82 Resp: 784158
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 18.8 15.0 22.4

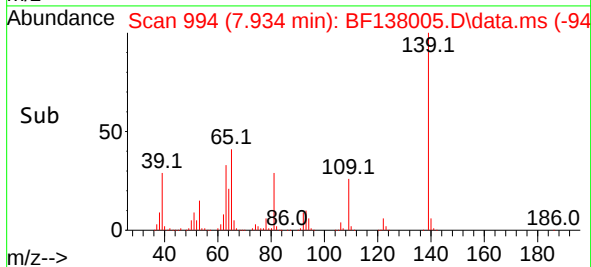
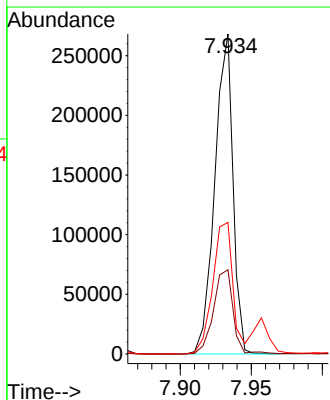
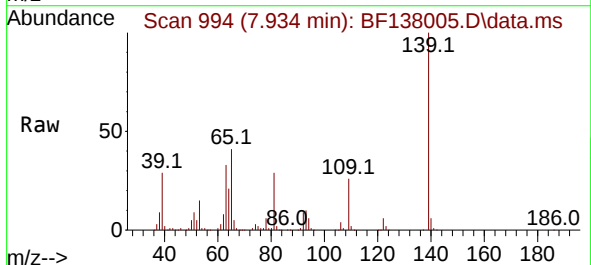
Manual Integrations
APPROVED

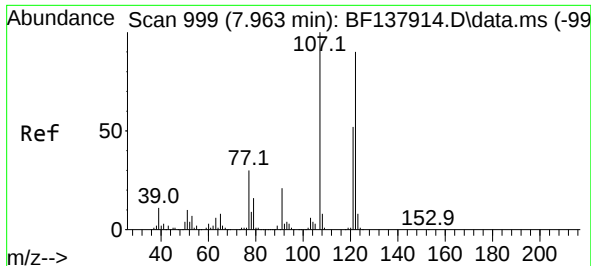
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#26
2-Nitrophenol
Concen: 47.634 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Tgt Ion:139 Resp: 238397
Ion Ratio Lower Upper
139 100
109 26.3 22.8 34.2
65 41.1 35.2 52.8





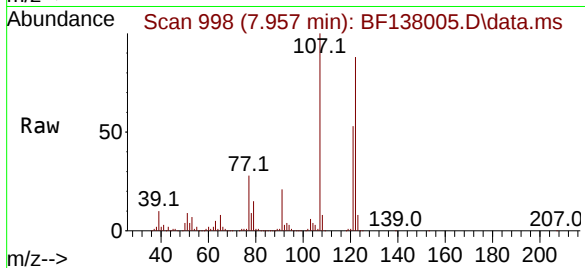
#27
2,4-Dimethylphenol
Concen: 49.372 ng
RT: 7.957 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Instrument :

BNA_F

ClientSampleId :

WC-MH-AAMSD

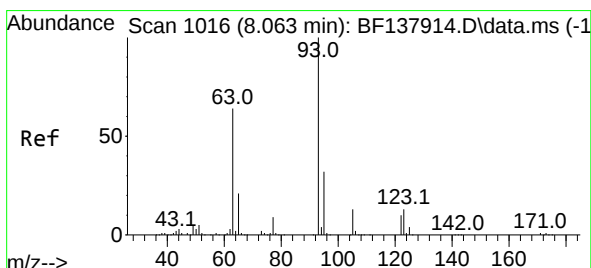
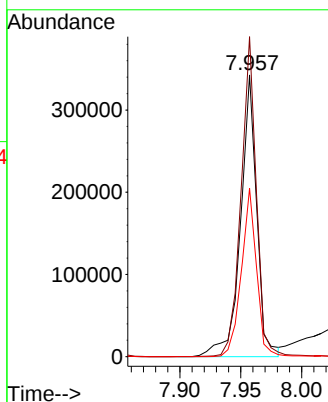
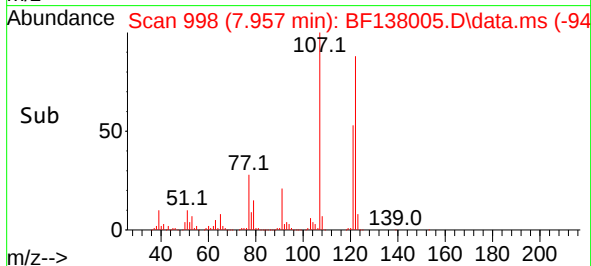


Tgt Ion:122 Resp: 31812
Ion Ratio Lower Upper
122 100
107 113.6 89.0 133.4
121 59.8 46.2 69.4

Manual Integrations

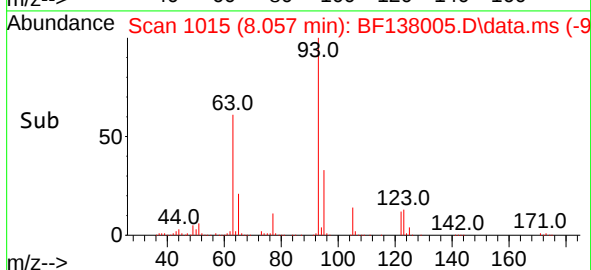
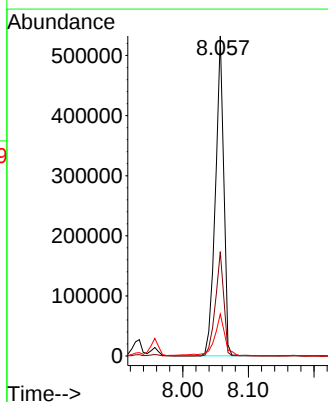
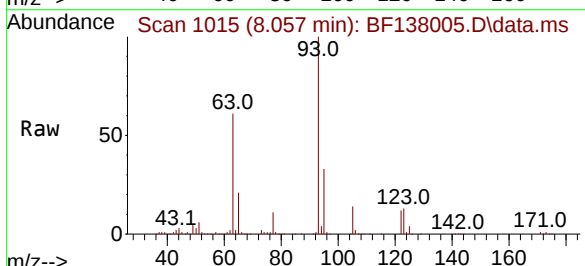
APPROVED

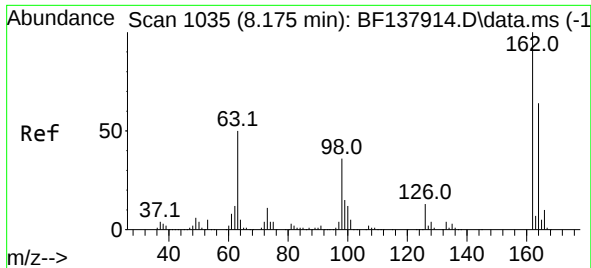
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.841 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Tgt Ion: 93 Resp: 473427
Ion Ratio Lower Upper
93 100
95 32.6 25.9 38.9
123 13.1 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 45.801 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

Instrument :

BNA_F

ClientSampleId :

WC-MH-AAMSD

Tgt Ion:162 Resp: 371109

Ion Ratio Lower Upper

162 100

164 63.9 44.3 84.3

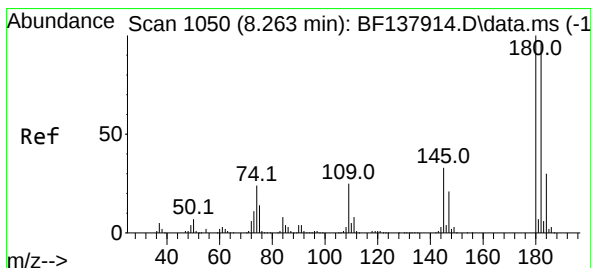
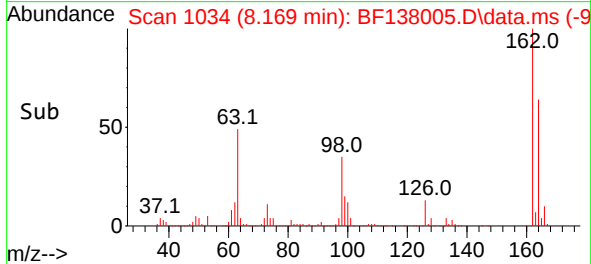
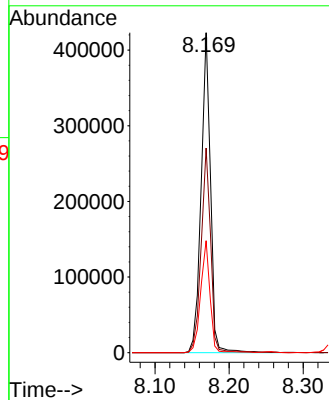
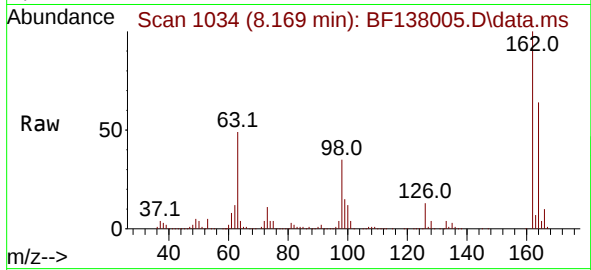
98 35.0 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.794 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

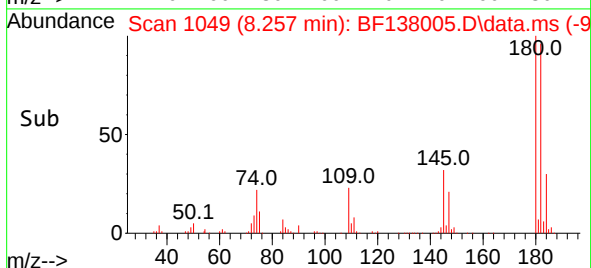
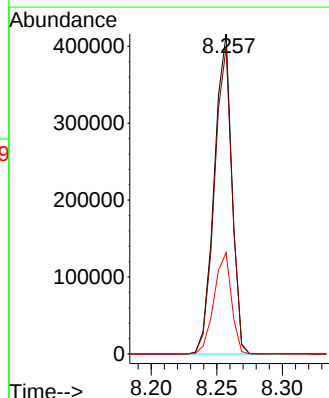
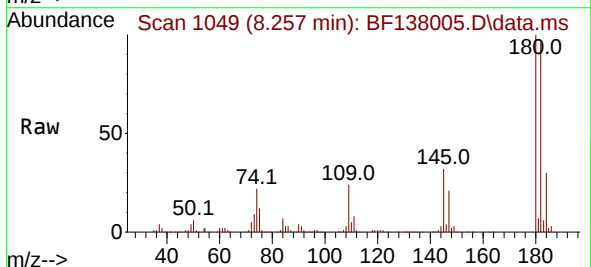
Tgt Ion:180 Resp: 387152

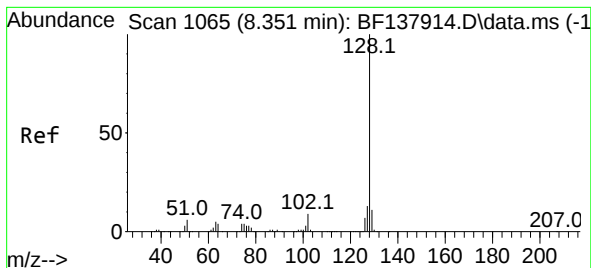
Ion Ratio Lower Upper

180 100

182 95.8 76.5 114.7

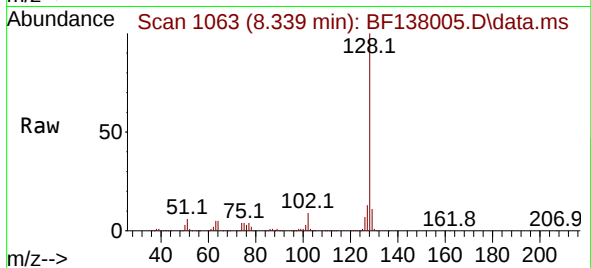
145 31.6 26.2 39.2





#31
Naphthalene
Concen: 43.176 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.012 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

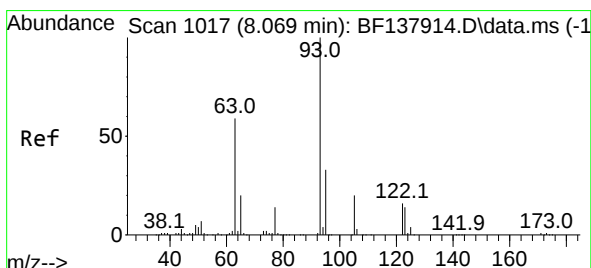
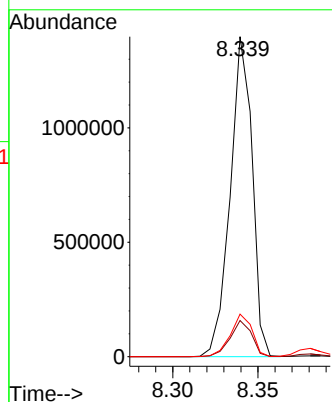
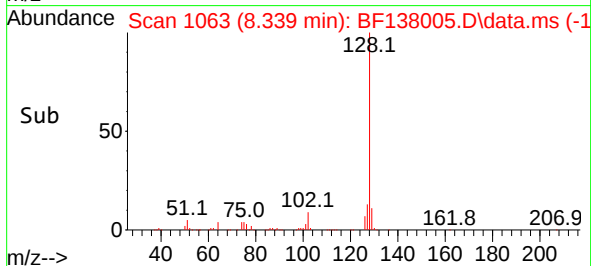
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



Tgt Ion:128 Resp: 125438
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.6 16.0

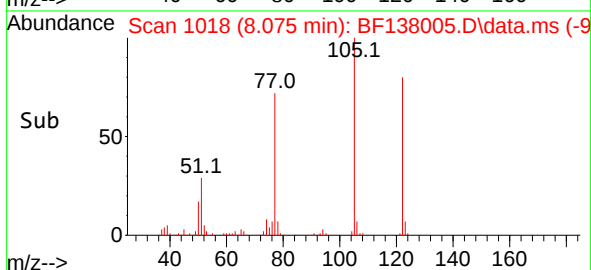
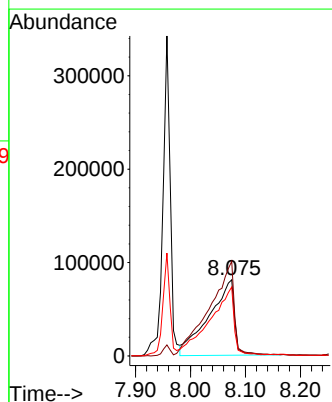
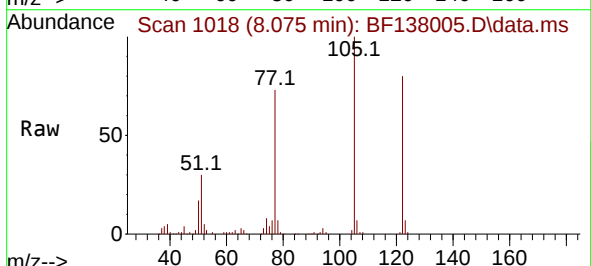
Manual Integrations
APPROVED

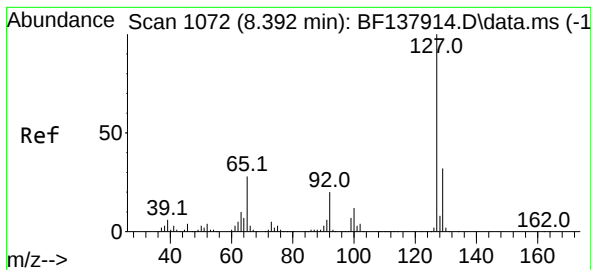
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#32
Benzoic acid
Concen: 47.814 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Tgt Ion:122 Resp: 260437
Ion Ratio Lower Upper
122 100
105 124.3 103.8 143.8
77 90.6 68.4 108.4





#33
4-Chloroaniline
Concen: 4.731 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Instrument :

BNA_F

ClientSampleId :

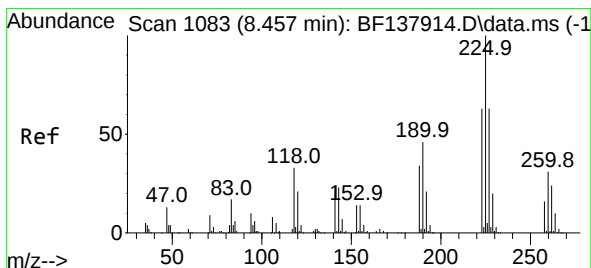
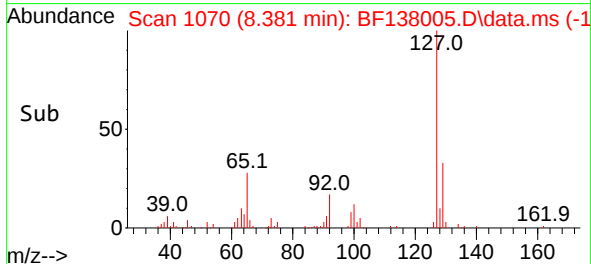
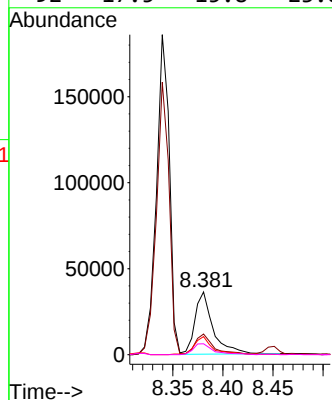
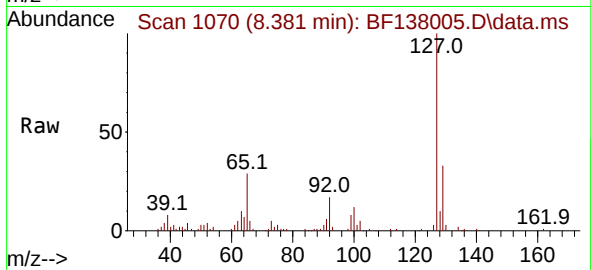
WC-MH-AAMSD

Tgt Ion:127 Resp: 45050
Ion Ratio Lower Upper
127 100
129 33.1 25.4 38.2
65 28.9 22.0 33.0
92 17.5 15.8 23.8

Manual Integrations

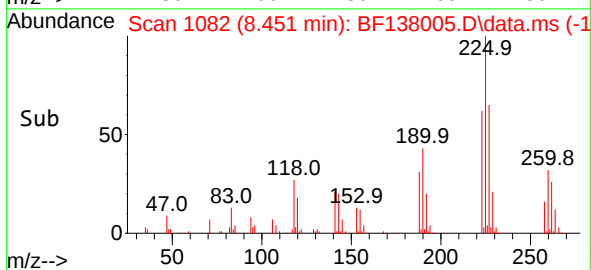
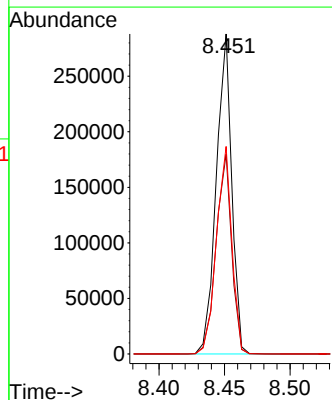
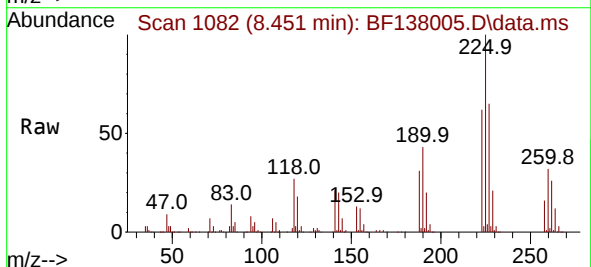
APPROVED

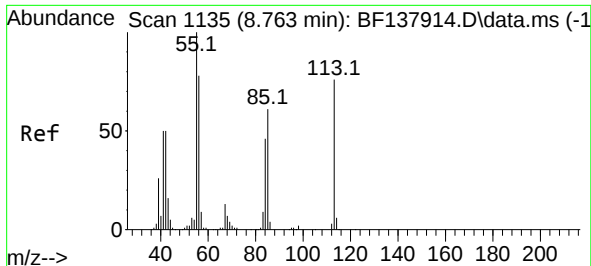
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#34
Hexachlorobutadiene
Concen: 41.148 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

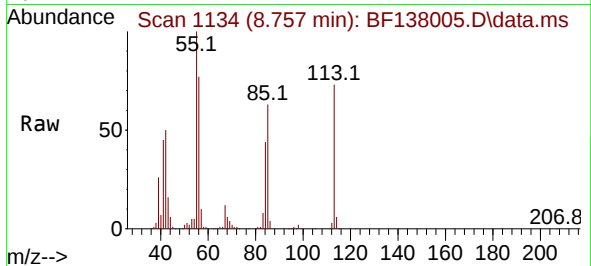
Tgt Ion:225 Resp: 235623
Ion Ratio Lower Upper
225 100
223 62.5 50.0 75.0
227 64.8 50.2 75.4





#35
Caprolactam
Concen: 46.295 ng m
RT: 8.757 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

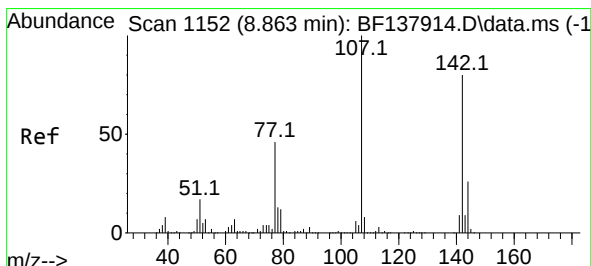
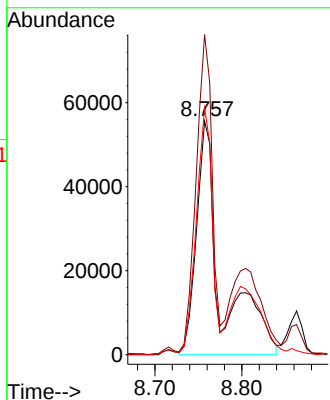
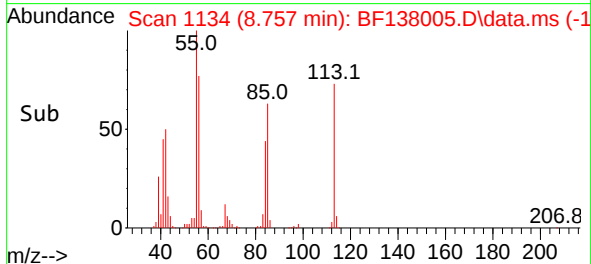
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



Tgt Ion:113 Resp: 108678
Ion Ratio Lower Upper
113 100
55 137.1 112.3 152.3
56 105.6 82.7 122.7

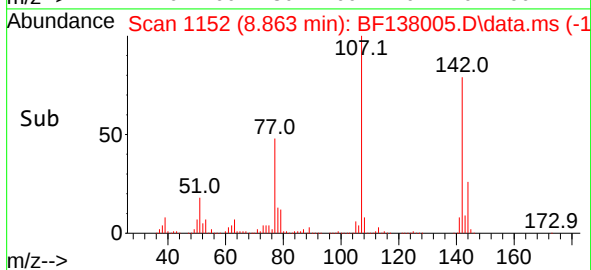
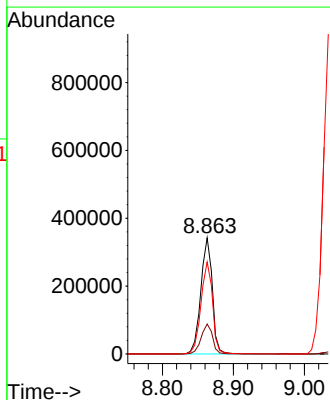
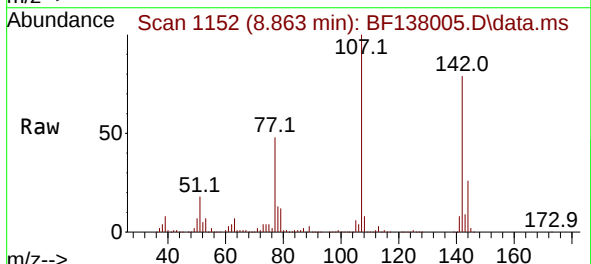
Manual Integrations
APPROVED

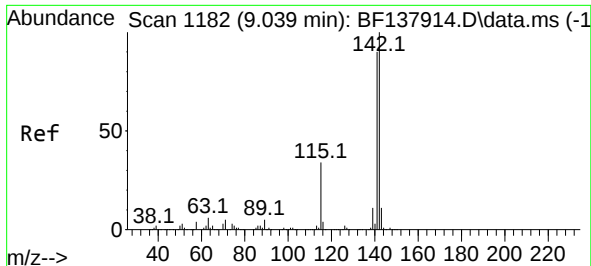
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#36
4-Chloro-3-methylphenol
Concen: 46.988 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Tgt Ion:107 Resp: 387302
Ion Ratio Lower Upper
107 100
144 25.8 20.7 31.1
142 79.3 64.0 96.0





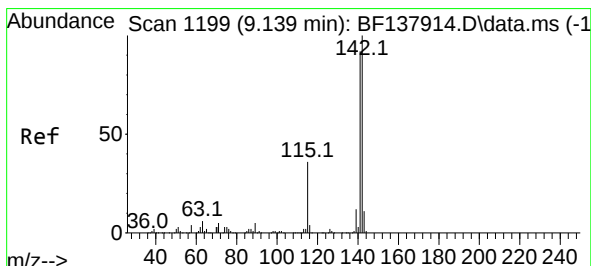
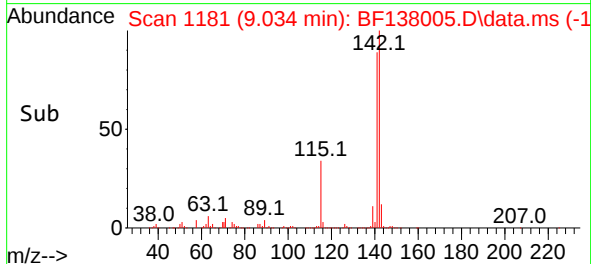
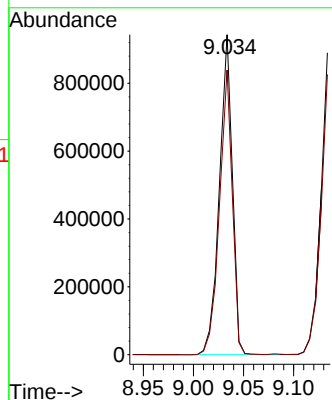
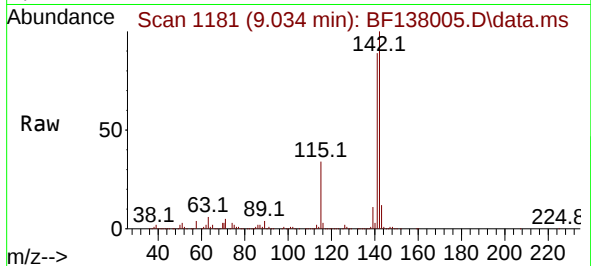
#37
2-Methylnaphthalene
Concen: 45.351 ng
RT: 9.034 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD

Tgt Ion:142 Resp: 846920
Ion Ratio Lower Upper
142 100
141 89.0 72.0 108.0

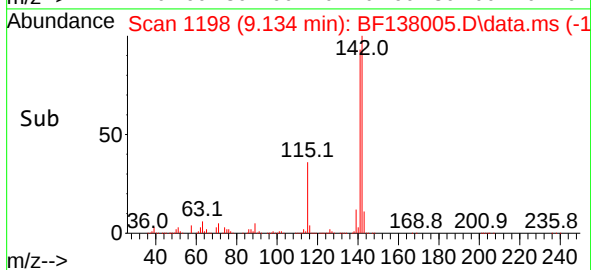
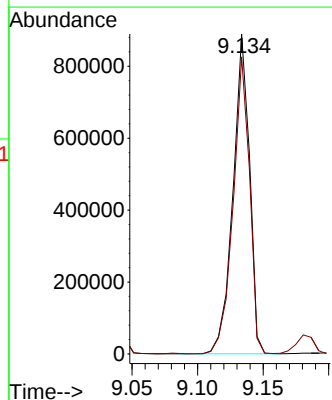
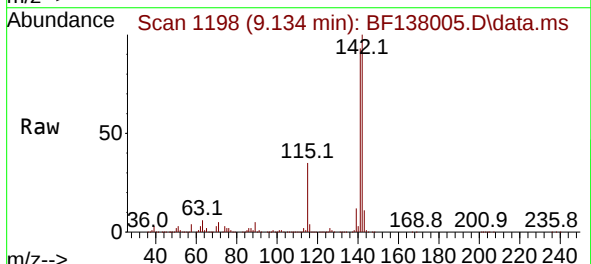
Manual Integrations
APPROVED

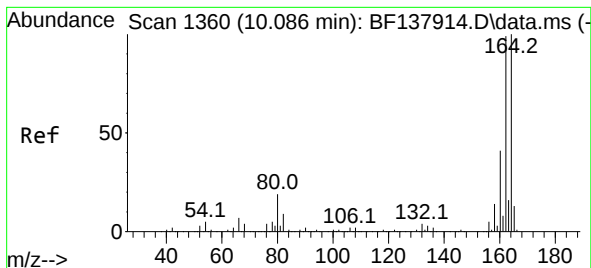
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#38
1-Methylnaphthalene
Concen: 42.539 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

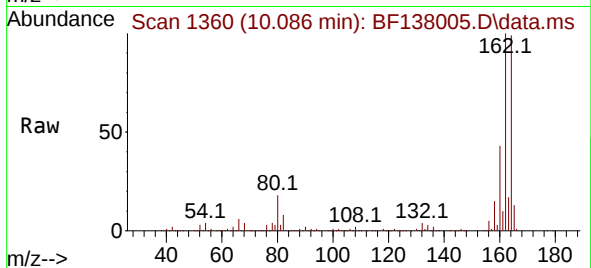
Tgt Ion:142 Resp: 780983
Ion Ratio Lower Upper
142 100
141 92.8 73.7 110.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

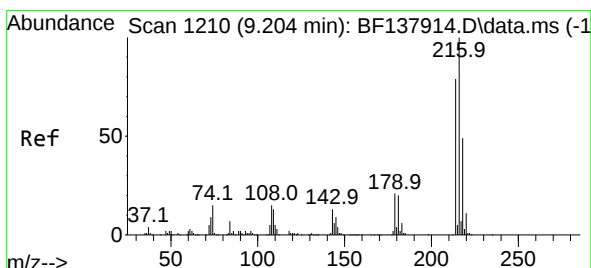
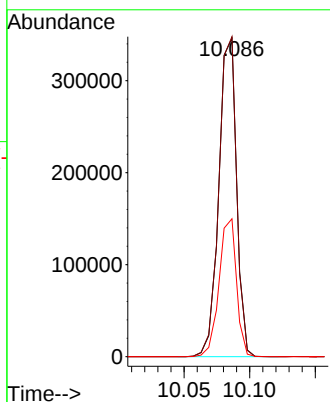
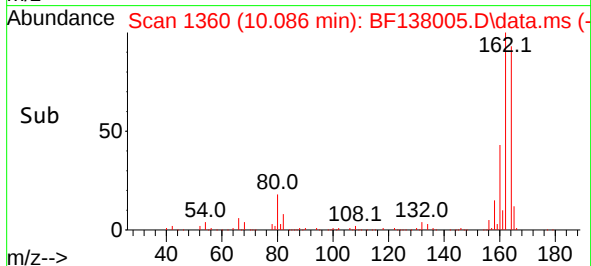
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



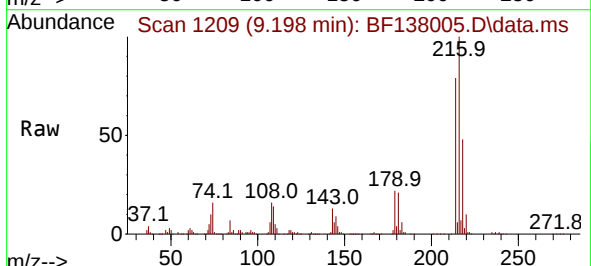
Tgt Ion:164 Resp: 32504
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.2
160 43.3 33.1 49.7

Manual Integrations
APPROVED

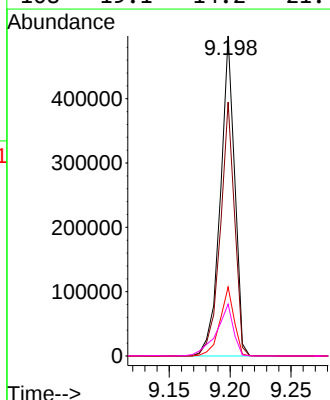
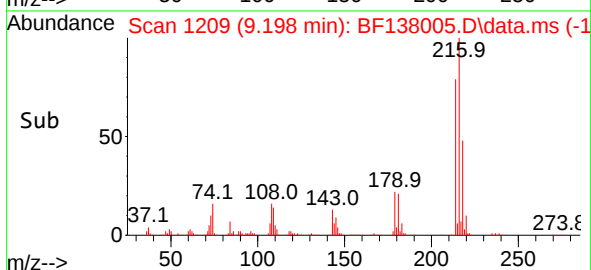
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

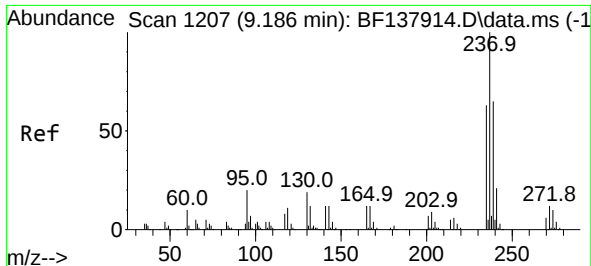


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.045 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19



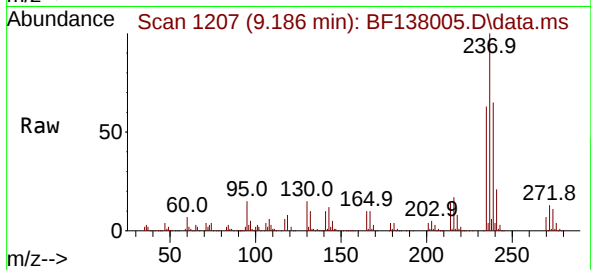
Tgt Ion:216 Resp: 406883
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.2
179 21.2 17.0 25.4
108 19.1 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 132.649 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

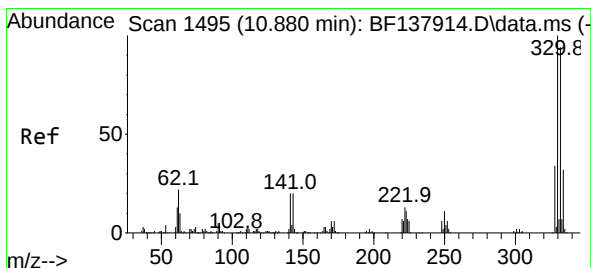
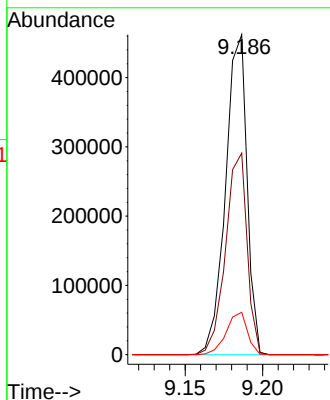
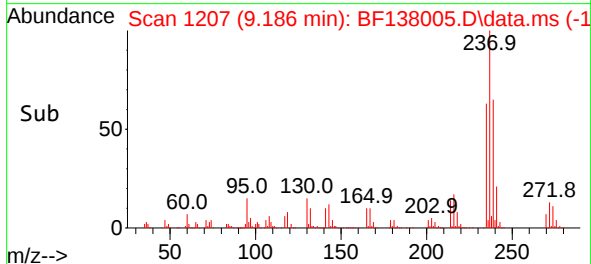
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



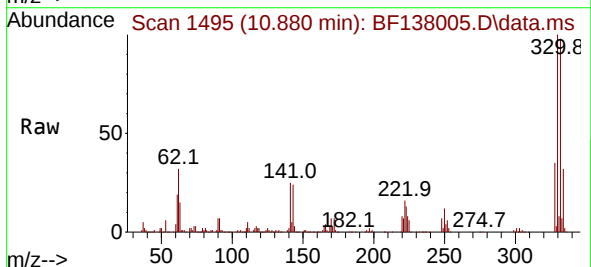
Tgt Ion:237 Resp: 445397
Ion Ratio Lower Upper
237 100
235 63.0 42.8 82.8
272 13.2 0.0 32.0

Manual Integrations
APPROVED

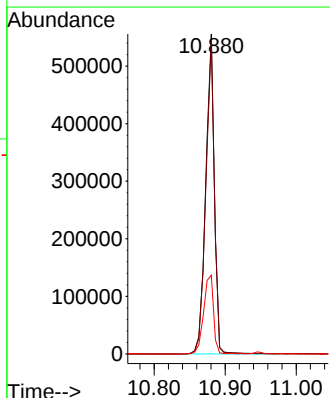
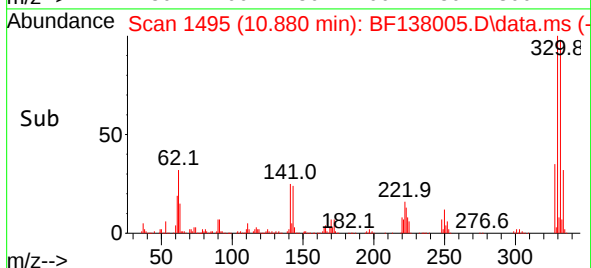
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

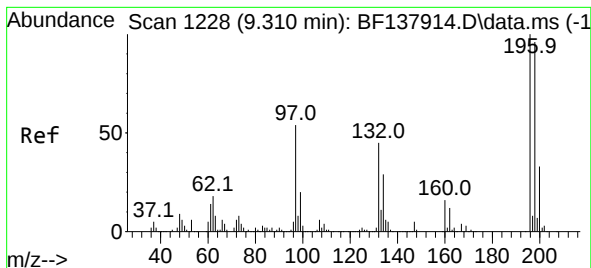


#42
2,4,6-Tribromophenol
Concen: 144.068 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19



Tgt Ion:330 Resp: 472170
Ion Ratio Lower Upper
330 100
332 97.7 75.8 113.8
141 28.2 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 48.265 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF138005.D

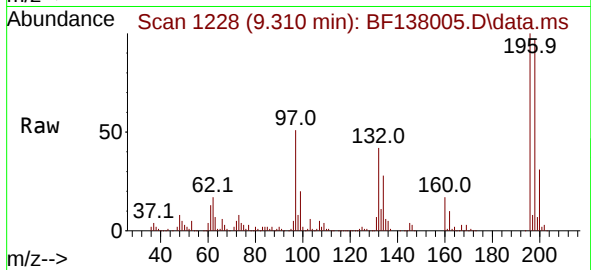
Acq: 22 May 2024 15:19

Instrument :

BNA_F

ClientSampleId :

WC-MH-AAMSD



Tgt Ion:196 Resp: 279640

Ion Ratio Lower Upper

196 100

198 97.0 77.0 115.4

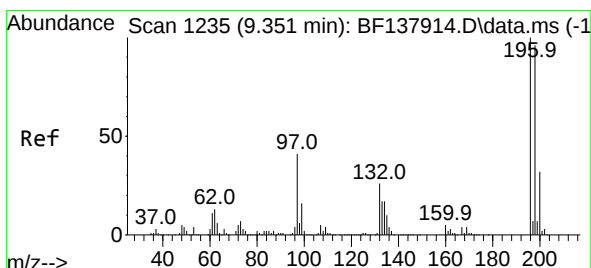
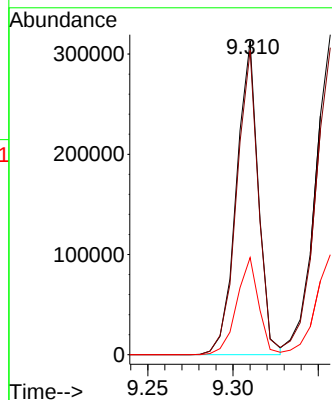
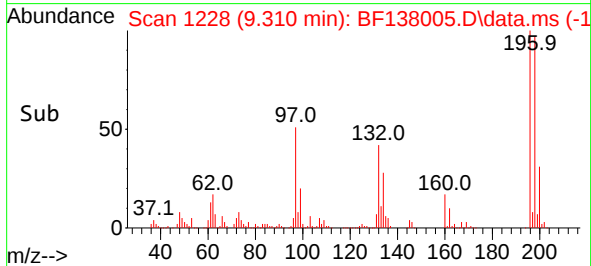
200 31.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#44

2,4,5-Trichlorophenol

Concen: 47.555 ng

RT: 9.357 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

Tgt Ion:196 Resp: 301482

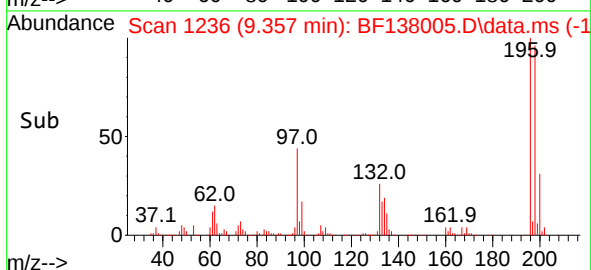
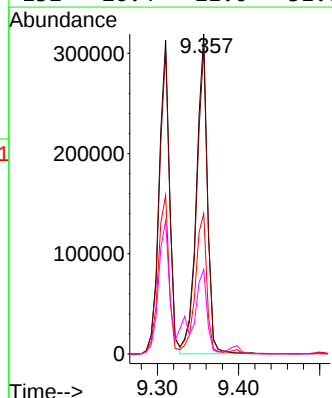
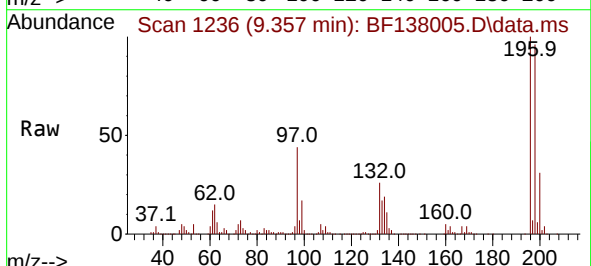
Ion Ratio Lower Upper

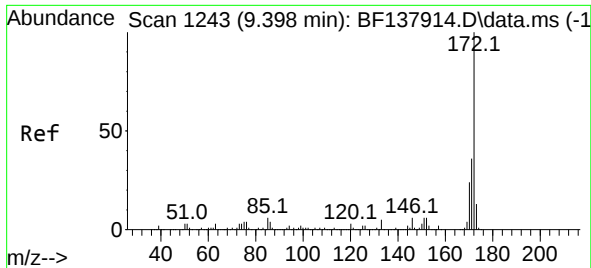
196 100

198 96.0 77.4 116.0

97 43.9 32.9 49.3

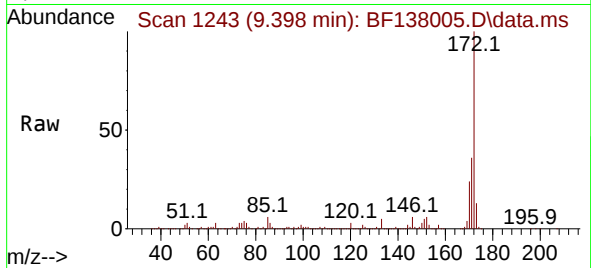
132 26.4 21.0 31.6





#45
2-Fluorobiphenyl
Concen: 84.677 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

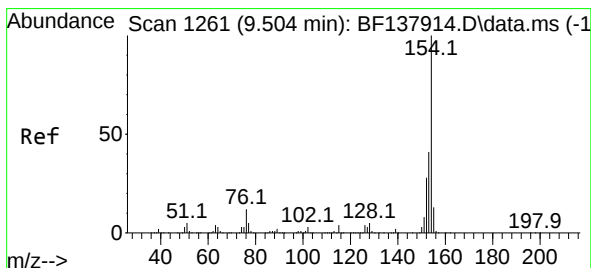
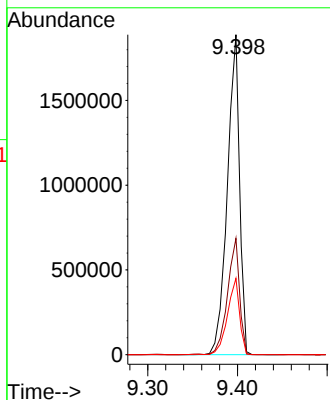
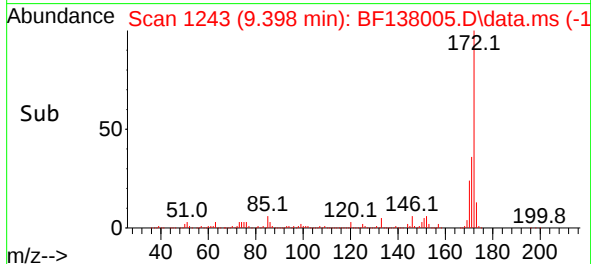
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



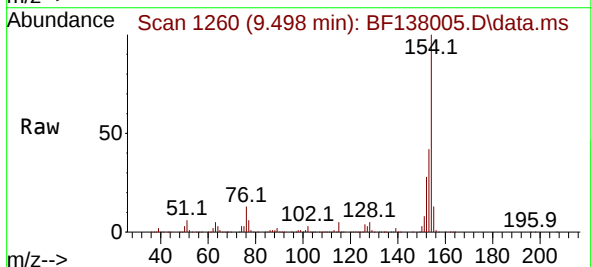
Tgt Ion:172 Resp: 1786802
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.9 18.9 28.3

Manual Integrations
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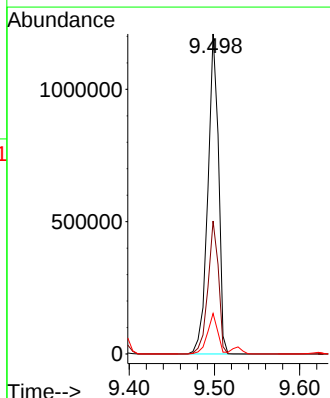
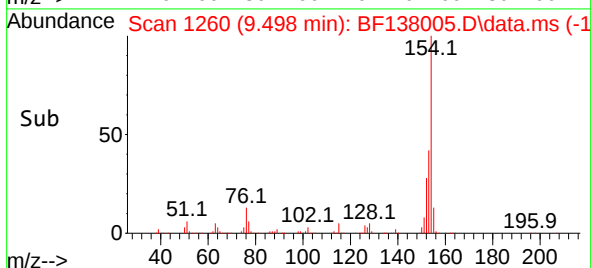
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

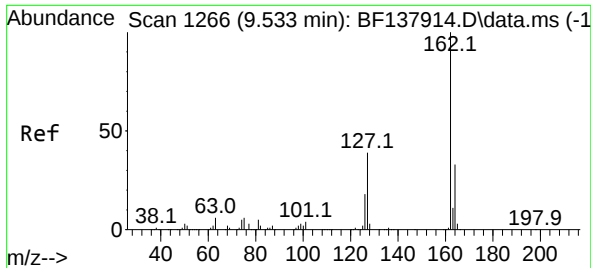


#46
1,1'-Biphenyl
Concen: 45.990 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19



Tgt Ion:154 Resp: 1048494
Ion Ratio Lower Upper
154 100
153 41.6 21.3 61.3
76 12.7 0.0 31.9





#47

2-Chloronaphthalene

Concen: 44.785 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

Instrument :

BNA_F

ClientSampleId :

WC-MH-AAMSD

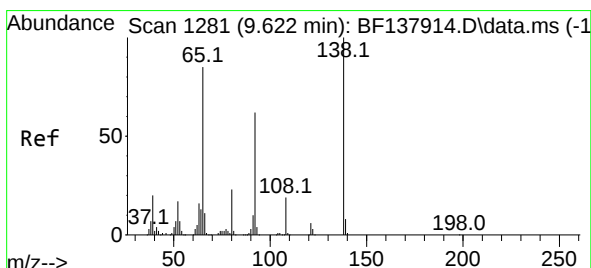
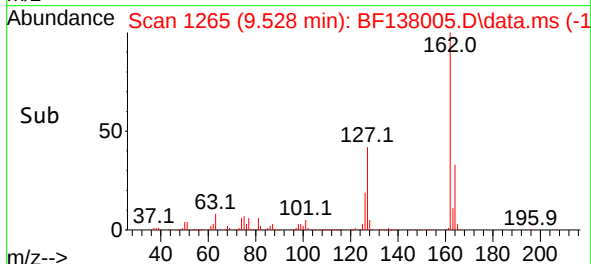
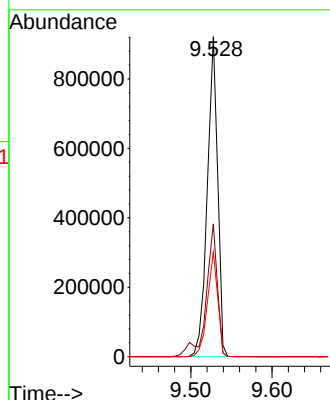
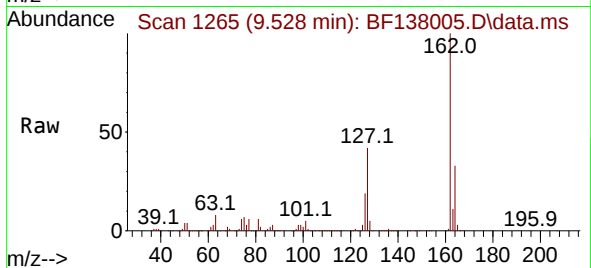
Tgt Ion:162 Resp: 81503
 Ion Ratio Lower Upper
 162 100
 127 41.5 32.0 48.0
 164 32.7 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#48

2-Nitroaniline

Concen: 47.776 ng

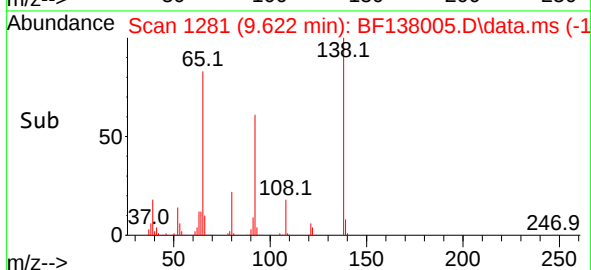
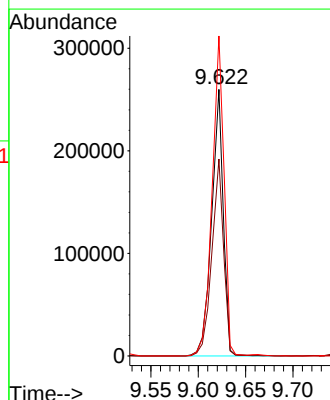
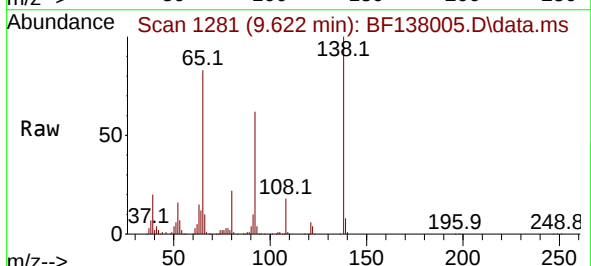
RT: 9.622 min Scan# 1281

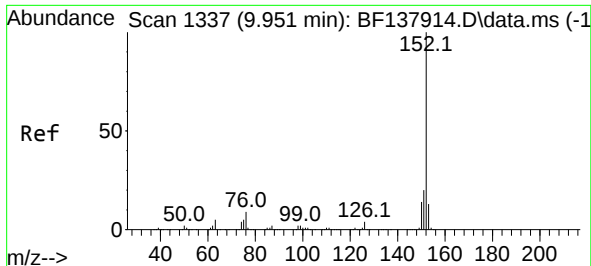
Delta R.T. 0.000 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

Tgt Ion: 65 Resp: 222651
 Ion Ratio Lower Upper
 65 100
 92 73.9 58.6 88.0
 138 120.0 94.1 141.1





#49

Acenaphthylene

Concen: 49.142 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

Instrument :

BNA_F

ClientSampleId :

WC-MH-AAMSD

Tgt Ion:152 Resp: 128593

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

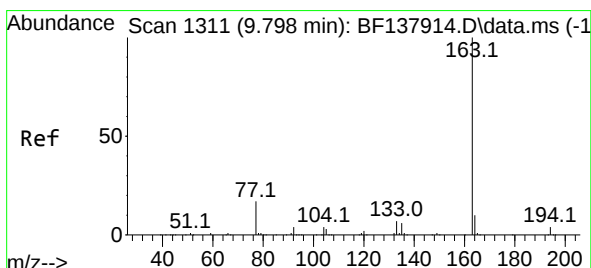
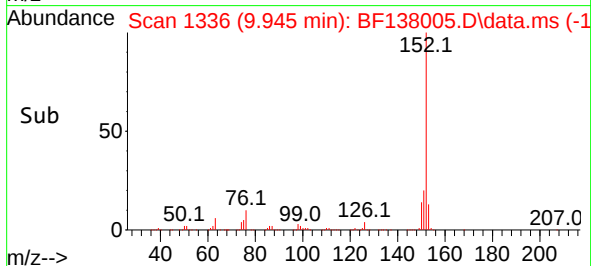
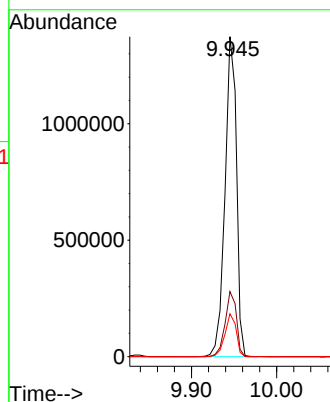
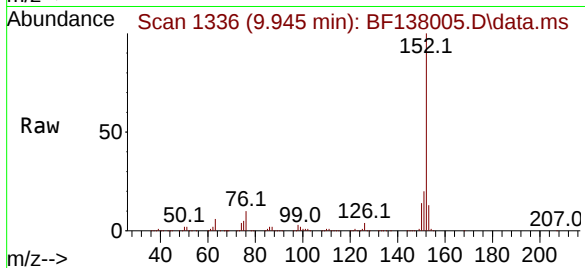
153 13.4 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#50

Dimethylphthalate

Concen: 48.337 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

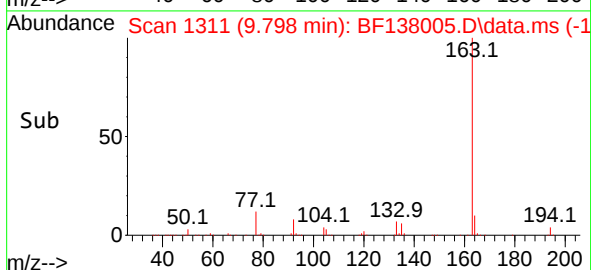
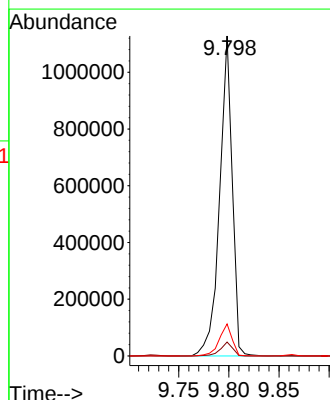
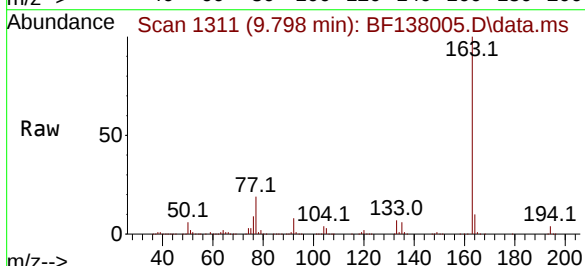
Tgt Ion:163 Resp: 985233

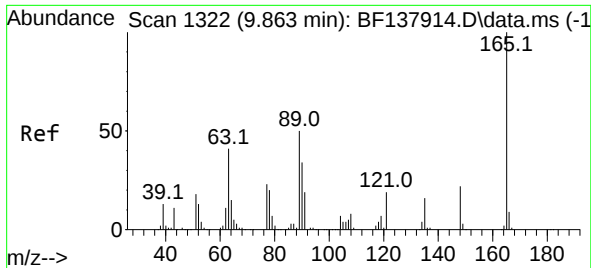
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

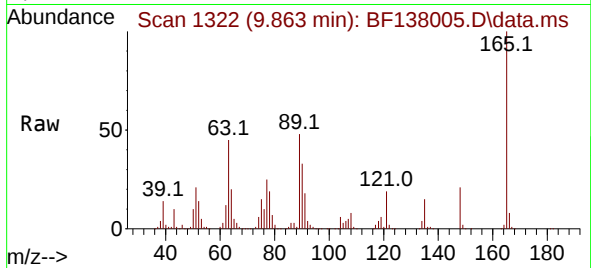
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 47.024 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

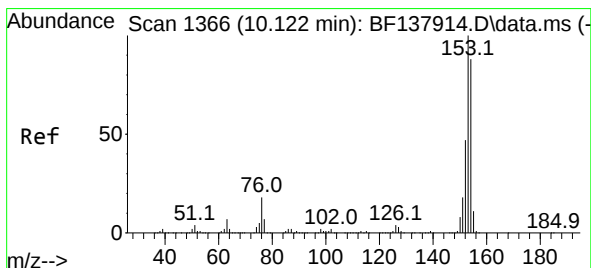
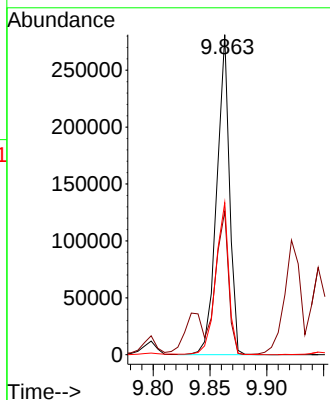
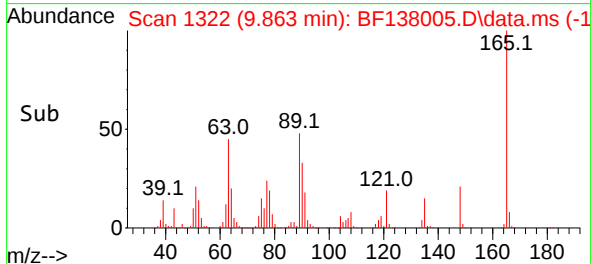
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



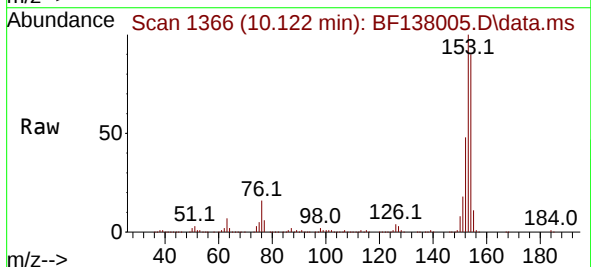
Tgt Ion:165 Resp: 219982
Ion Ratio Lower Upper
165 100
63 44.9 38.9 58.3
89 47.5 40.4 60.6

Manual Integrations
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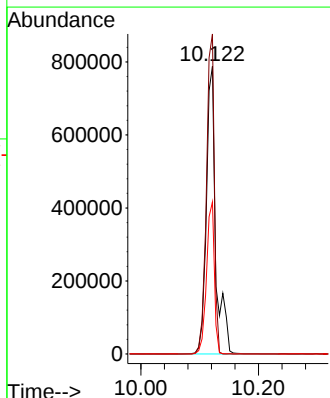
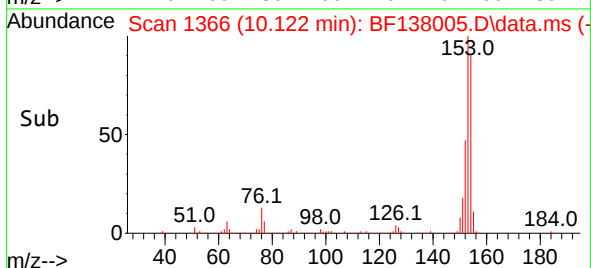
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

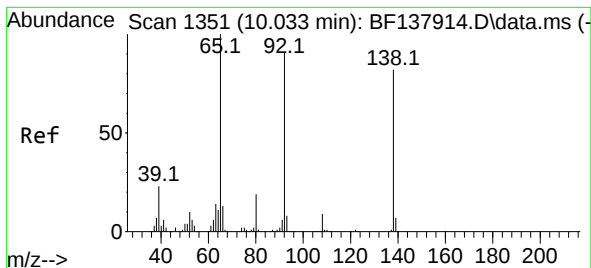


#52
Acenaphthene
Concen: 50.880 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19



Tgt Ion:154 Resp: 879982
Ion Ratio Lower Upper
154 100
153 111.3 90.4 135.6
152 52.9 42.3 63.5





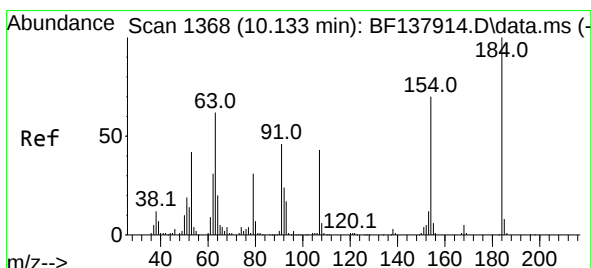
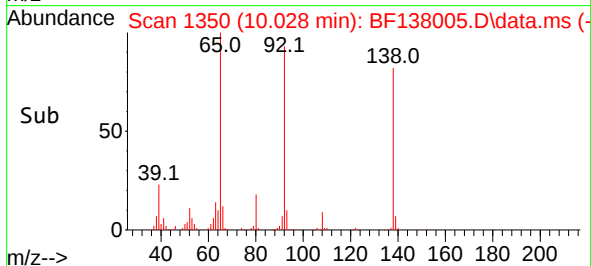
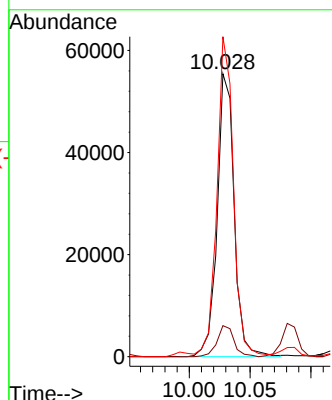
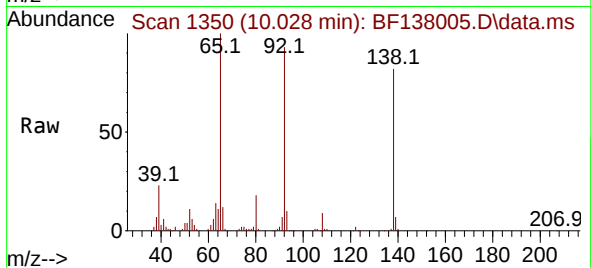
#53
3-Nitroaniline
Concen: 11.808 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD

Tgt Ion:138 Resp: 54004
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 113.1 88.6 133.0

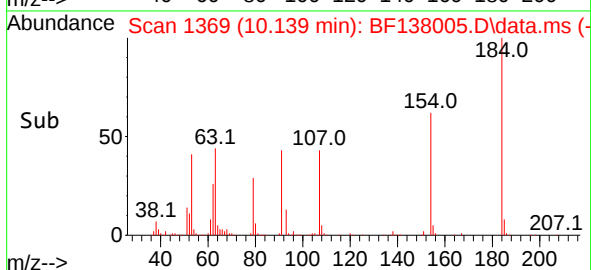
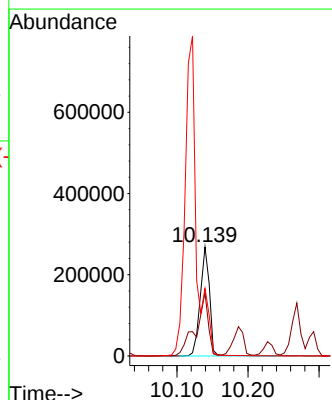
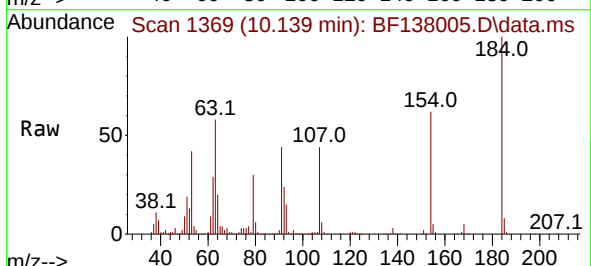
Manual Integrations
APPROVED

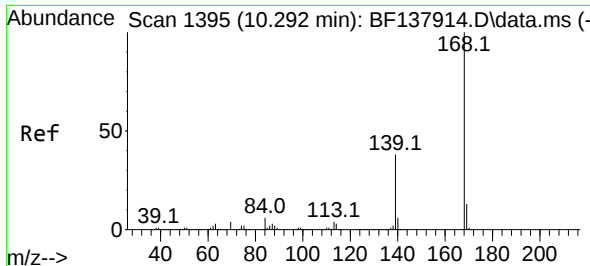
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#54
2,4-Dinitrophenol
Concen: 95.887 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

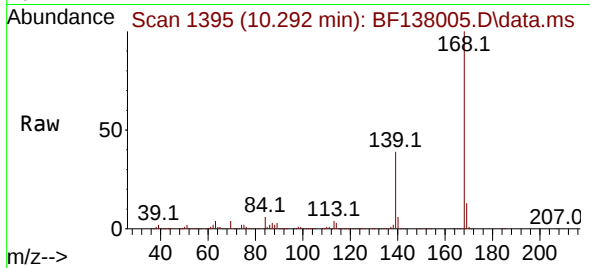
Tgt Ion:184 Resp: 246167
Ion Ratio Lower Upper
184 100
63 58.0 50.4 75.6
154 61.9 63.7 95.5#





#55
Dibenzenofuran
Concen: 46.563 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

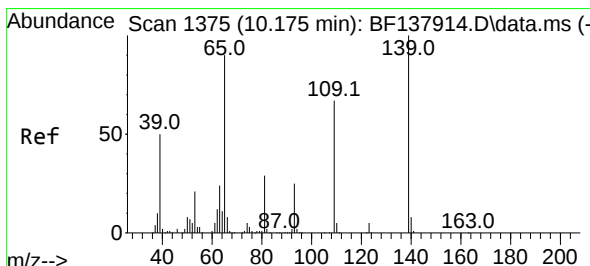
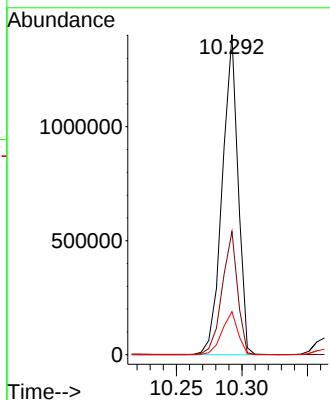
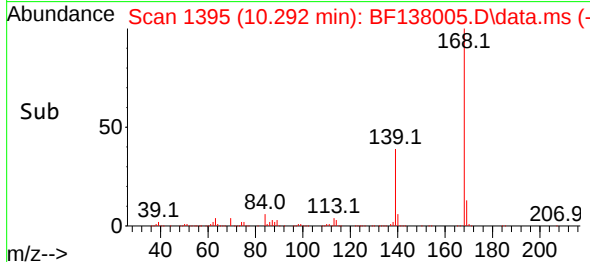
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



Tgt Ion:168 Resp: 1172030
Ion Ratio Lower Upper
168 100
139 38.5 30.4 45.6
169 13.5 10.5 15.7

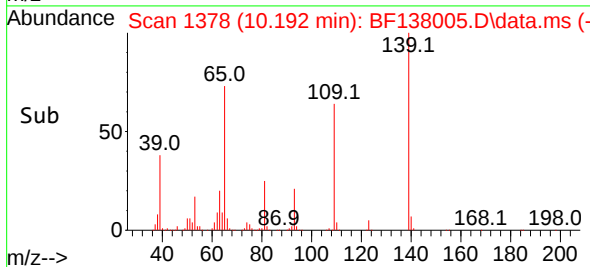
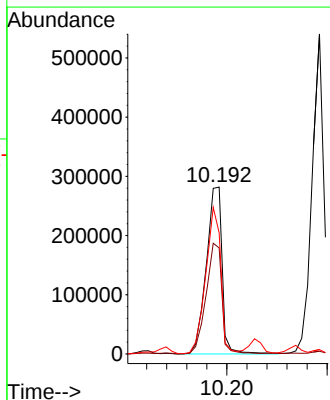
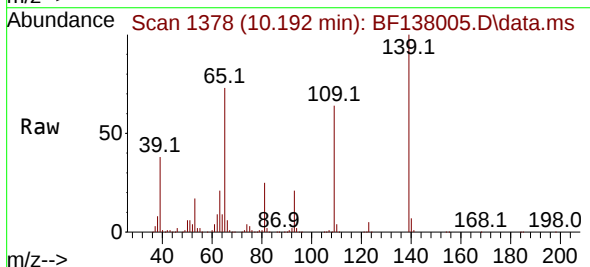
Manual Integrations
APPROVED

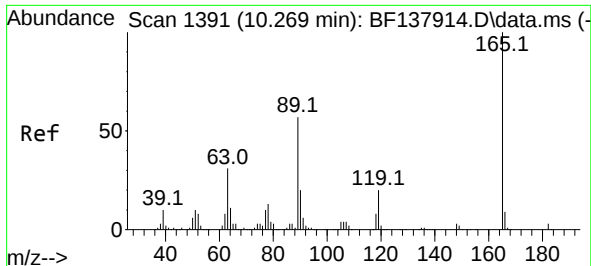
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#56
4-Nitrophenol
Concen: 94.603 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.018 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

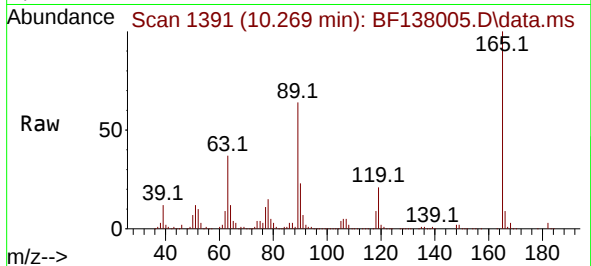
Tgt Ion:139 Resp: 310746
Ion Ratio Lower Upper
139 100
109 63.6 46.5 86.5
65 72.7 70.4 110.4





#57
2,4-Dinitrotoluene
Concen: 49.577 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

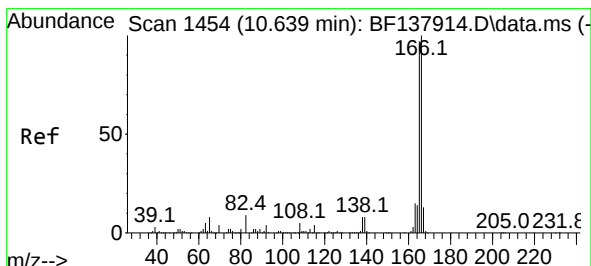
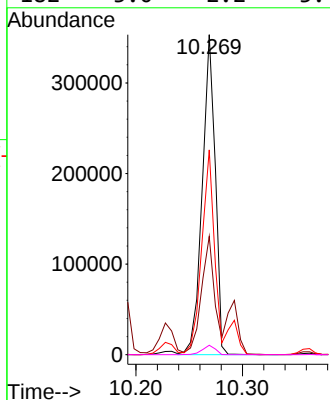
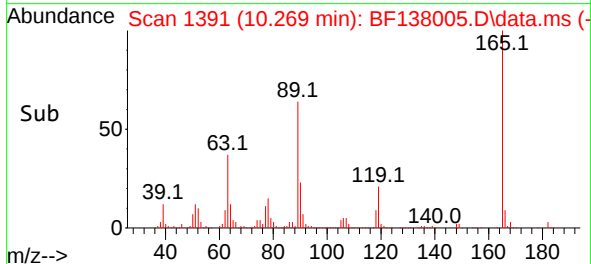
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



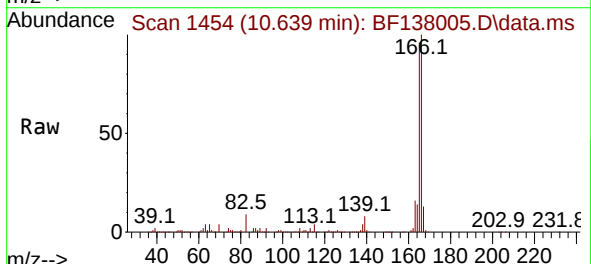
Tgt Ion:165 Resp: 299833
Ion Ratio Lower Upper
165 100
63 36.9 25.3 37.9
89 64.0 45.9 68.9
182 3.0 2.2 3.4

Manual Integrations
APPROVED

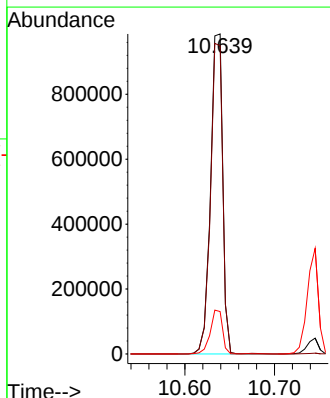
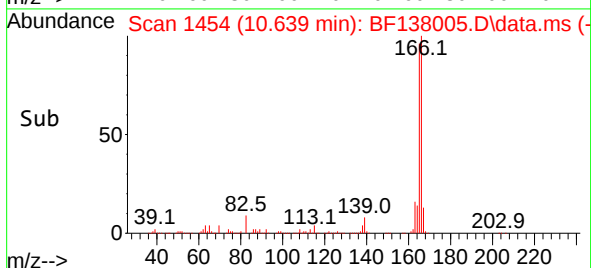
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

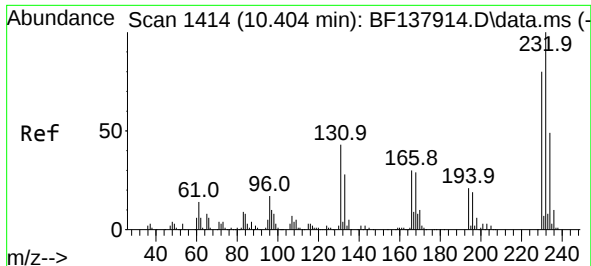


#58
Fluorene
Concen: 46.579 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19



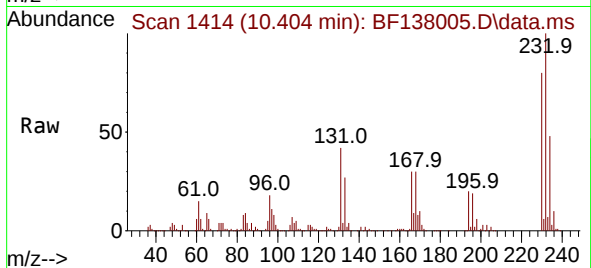
Tgt Ion:166 Resp: 927339
Ion Ratio Lower Upper
166 100
165 96.3 77.8 116.8
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.176 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

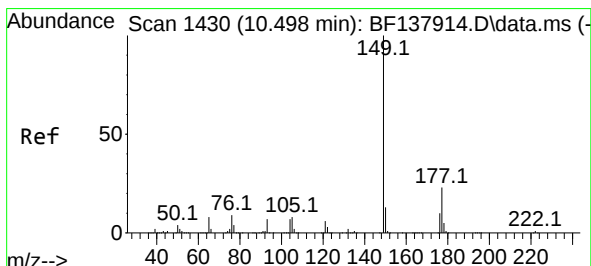
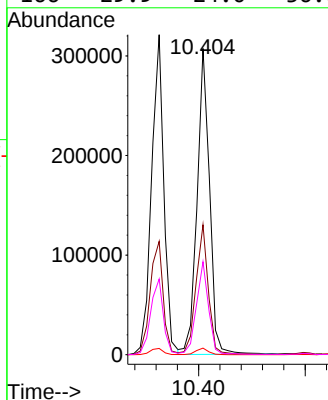
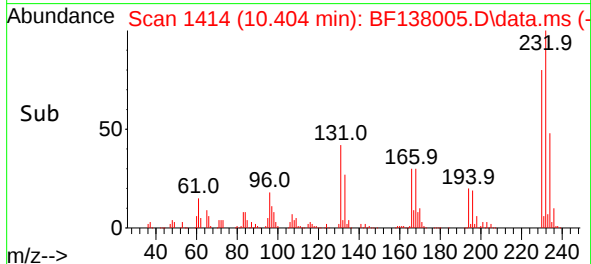
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



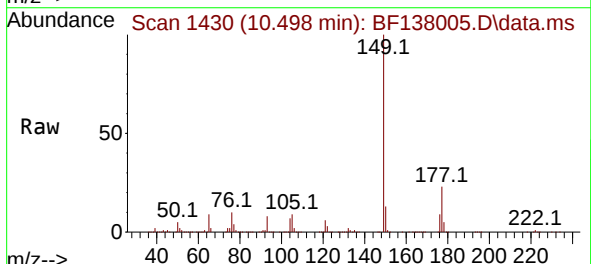
Tgt Ion:232 Resp: 249890
Ion Ratio Lower Upper
232 100
131 42.0 34.4 51.6
130 2.2 1.7 2.5
166 29.9 24.0 36.0

Manual Integrations
APPROVED

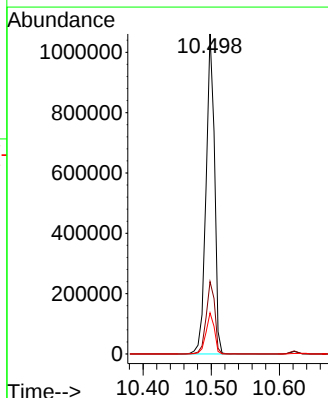
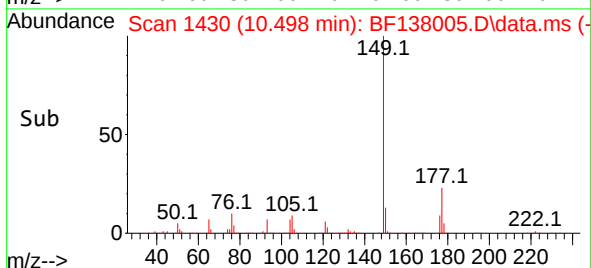
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

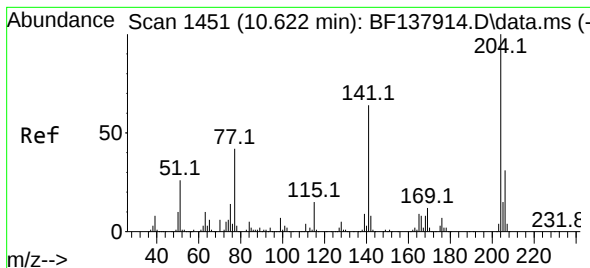


#60
Diethylphthalate
Concen: 48.221 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19



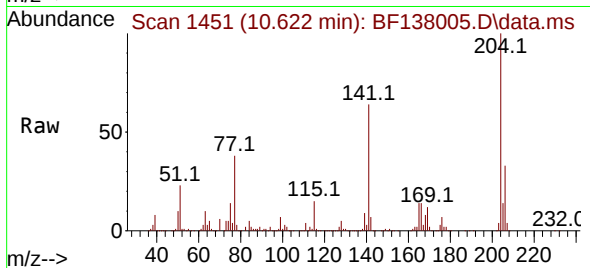
Tgt Ion:149 Resp: 917944
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.609 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

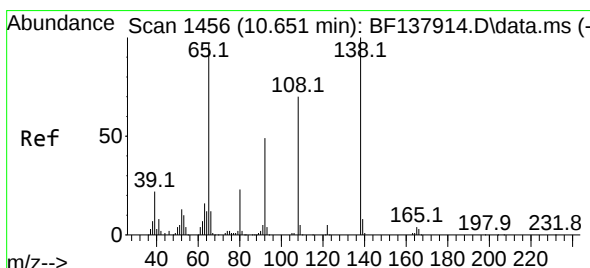
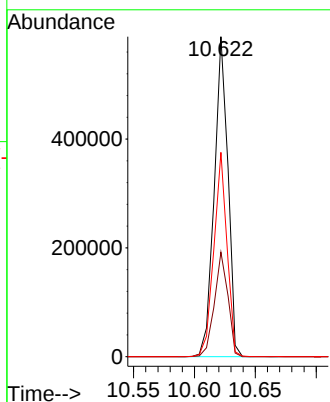
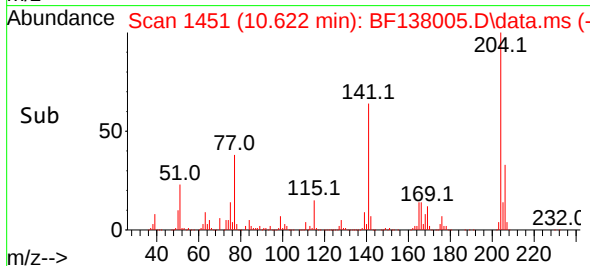
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



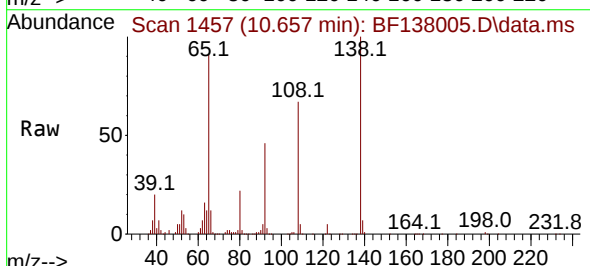
Tgt Ion:204 Resp: 457610
Ion Ratio Lower Upper
204 100
206 32.7 25.1 37.7
141 63.9 51.0 76.6

Manual Integrations
APPROVED

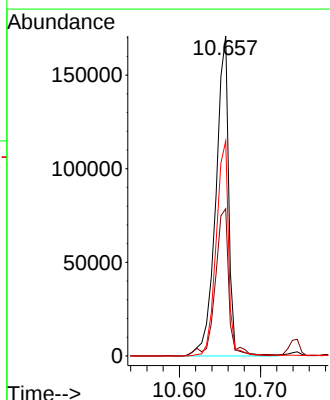
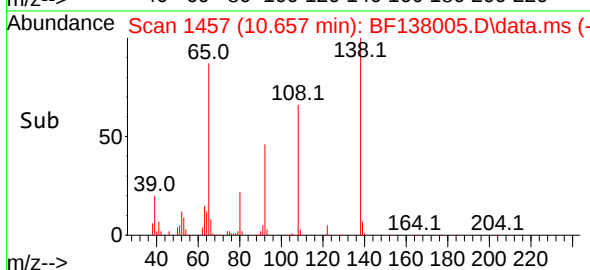
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

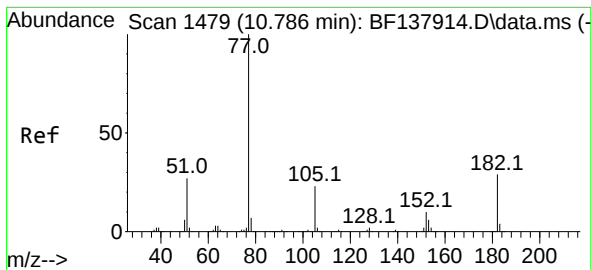


#62
4-Nitroaniline
Concen: 43.706 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19



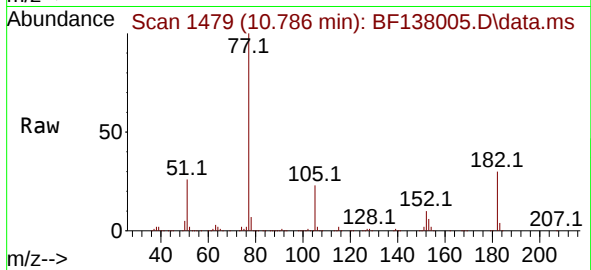
Tgt Ion:138 Resp: 189583
Ion Ratio Lower Upper
138 100
92 46.0 29.0 69.0
108 67.2 49.7 89.7





#63
Azobenzene
Concen: 48.195 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

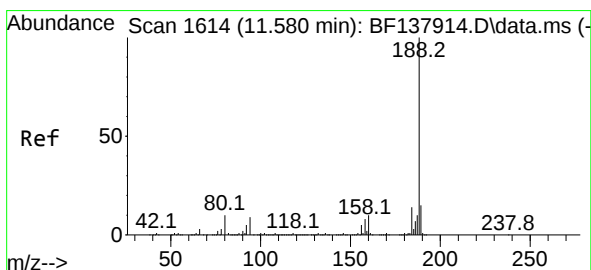
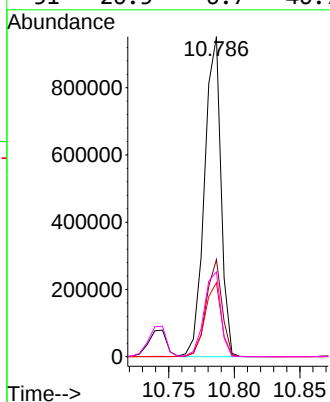
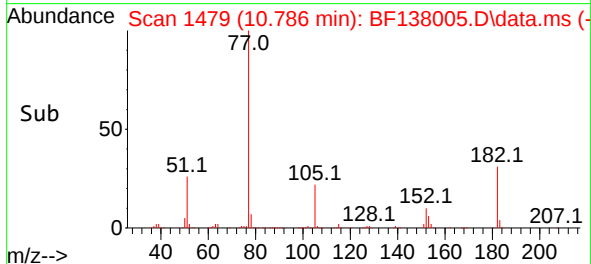
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



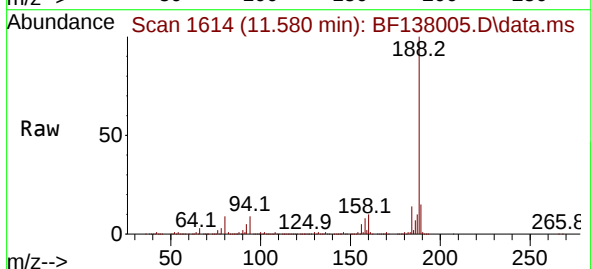
Tgt Ion: 77 Resp: 834509
Ion Ratio Lower Upper
77 100
182 30.4 9.2 49.2
105 23.1 3.1 43.1
51 26.5 6.7 46.7

Manual Integrations
APPROVED

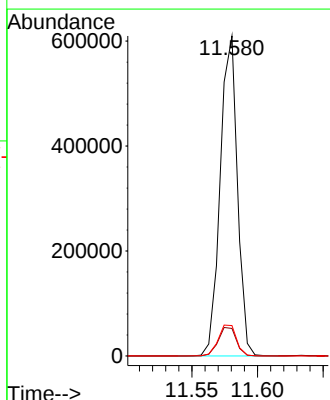
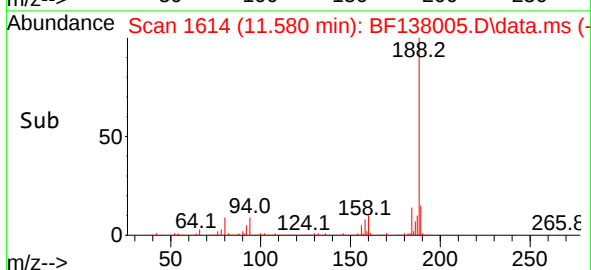
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

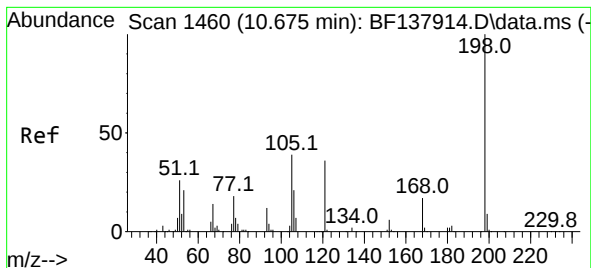


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19



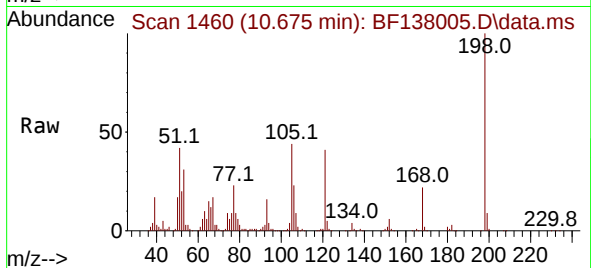
Tgt Ion:188 Resp: 555813
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.5 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 52.670 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

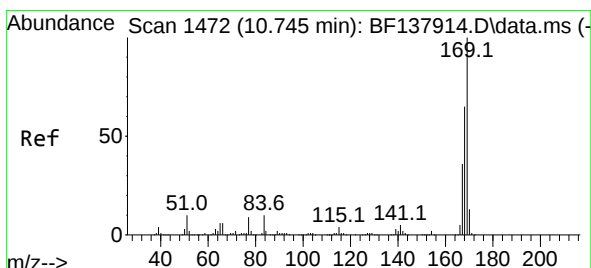
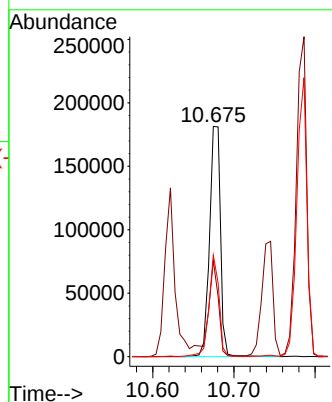
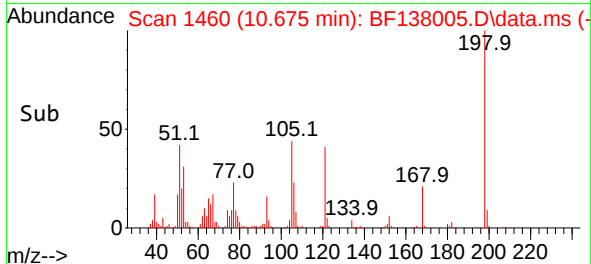
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



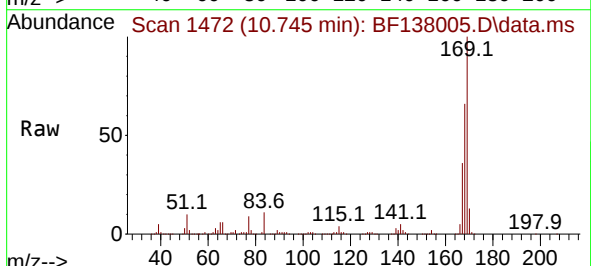
Tgt Ion:198 Resp: 169034
Ion Ratio Lower Upper
198 100
51 41.7 13.8 53.8
105 44.1 19.0 59.0

Manual Integrations
APPROVED

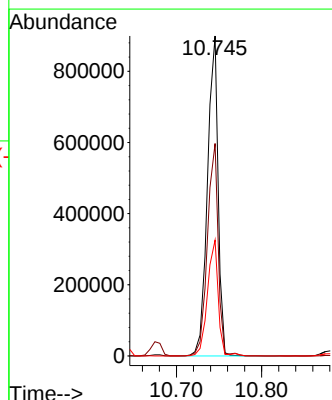
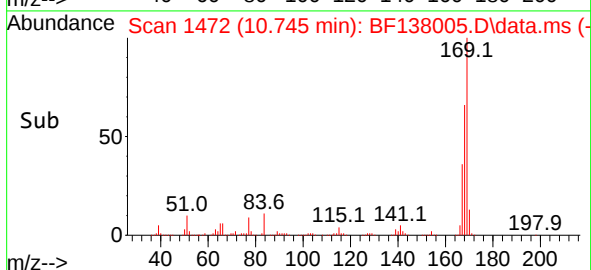
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

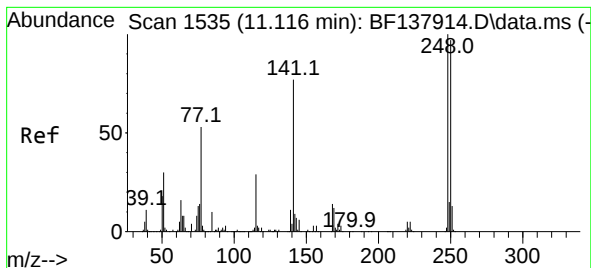


#66
n-Nitrosodiphenylamine
Concen: 45.650 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19



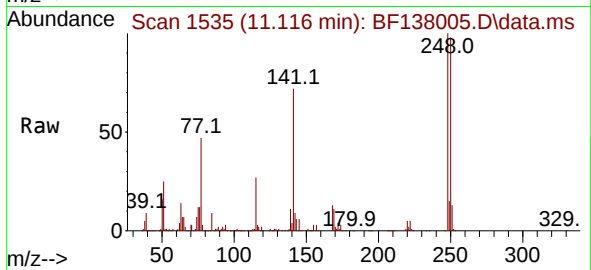
Tgt Ion:169 Resp: 778101
Ion Ratio Lower Upper
169 100
168 66.4 52.4 78.6
167 36.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 47.313 ng
RT: 11.116 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

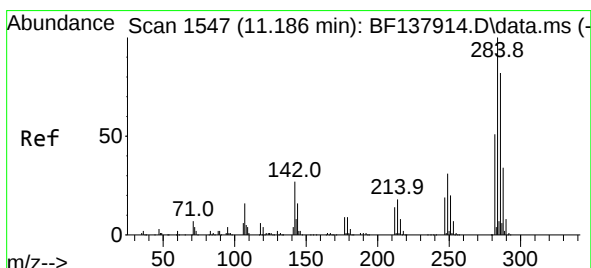
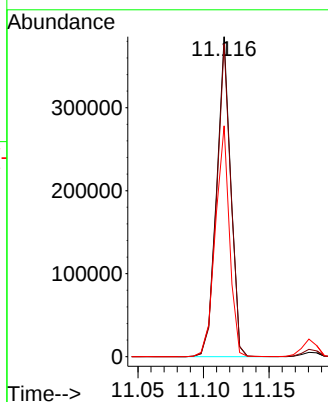
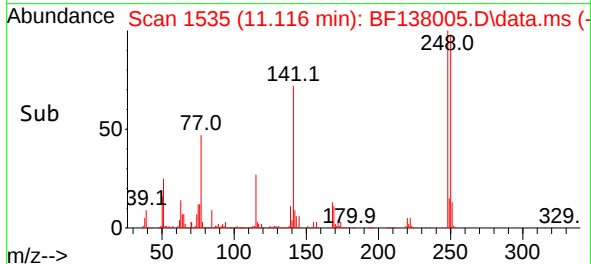
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



Tgt Ion:248 Resp: 288289
Ion Ratio Lower Upper
248 100
250 97.8 77.6 116.4
141 72.1 61.4 92.2

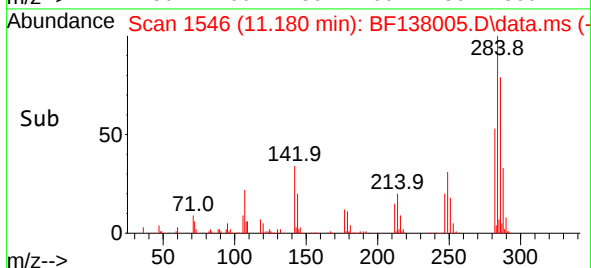
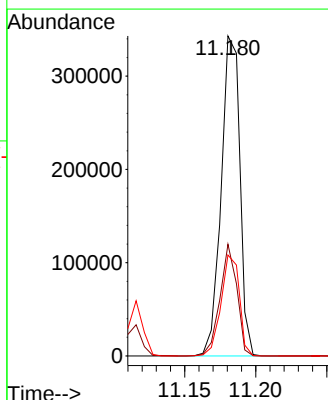
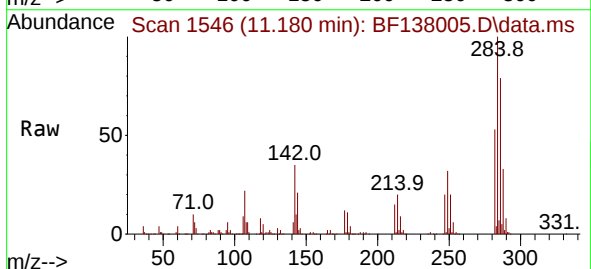
Manual Integrations
APPROVED

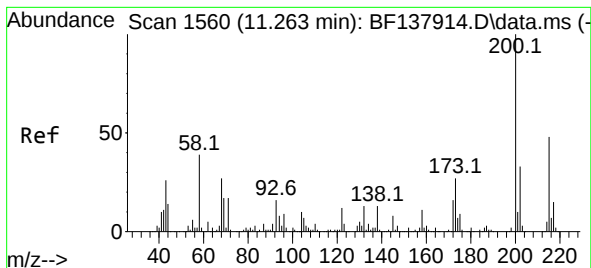
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#68
Hexachlorobenzene
Concen: 46.522 ng
RT: 11.180 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Tgt Ion:284 Resp: 313345
Ion Ratio Lower Upper
284 100
142 34.9 21.3 31.9#
249 31.6 24.6 37.0





#69

Atrazine

Concen: 39.393 ng

RT: 11.263 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

Instrument :

BNA_F

ClientSampleId :

WC-MH-AAMSD

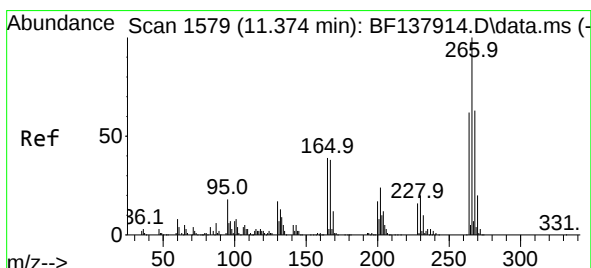
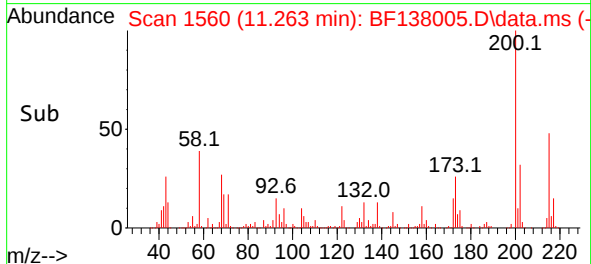
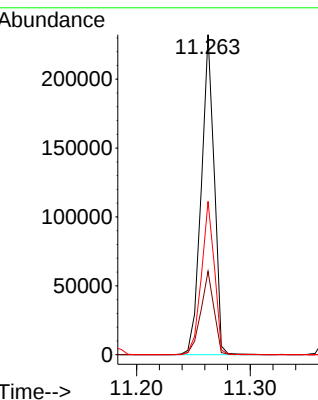
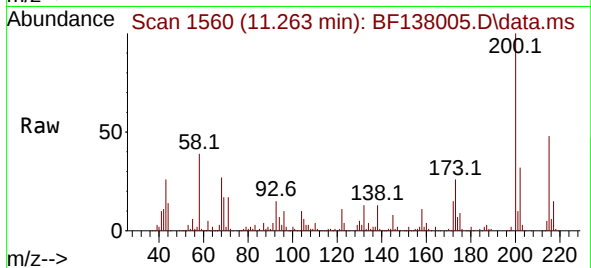
Tgt Ion:200	Resp: 183354
Ion Ratio	Lower Upper
200 100	
173 26.0	6.6 46.6
215 47.9	27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#70

Pentachlorophenol

Concen: 96.336 ng

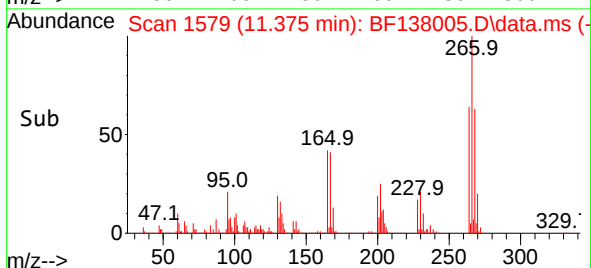
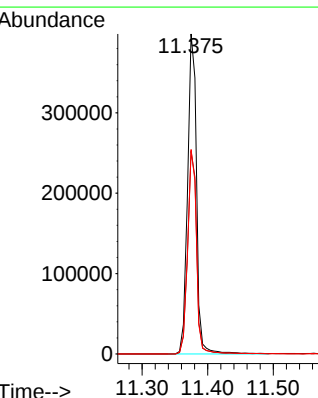
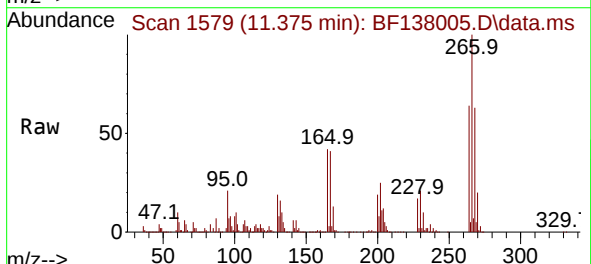
RT: 11.375 min Scan# 1579

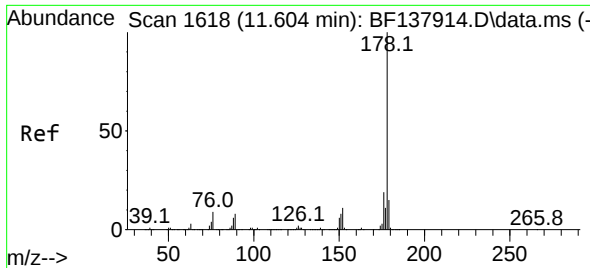
Delta R.T. 0.000 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

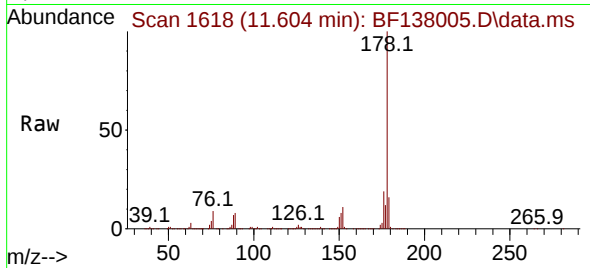
Tgt Ion:266	Resp: 380083
Ion Ratio	Lower Upper
266 100	
268 63.3	50.1 75.1
264 63.9	49.4 74.2





#71
Phenanthrene
Concen: 46.455 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

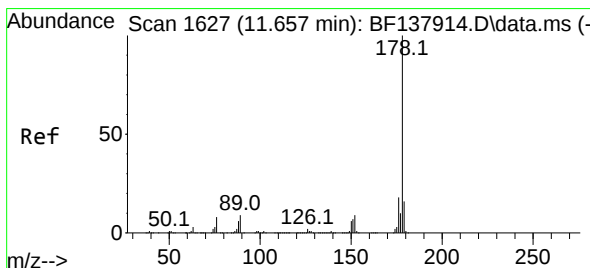
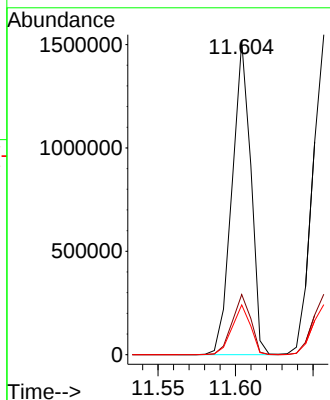
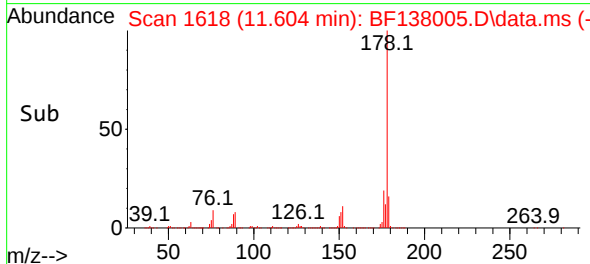
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



Tgt Ion:178 Resp: 1272398
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.8 12.2 18.4

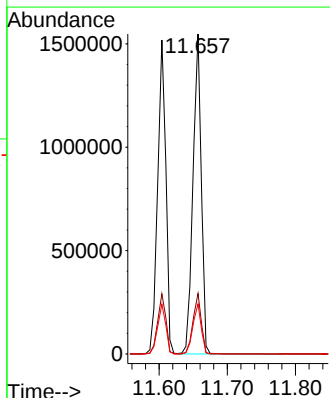
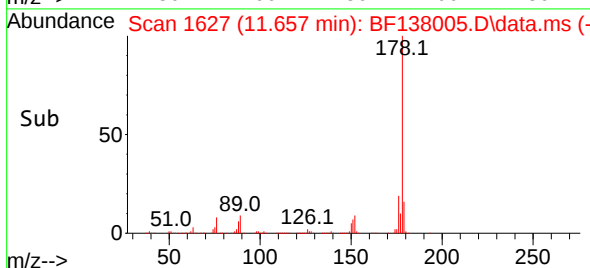
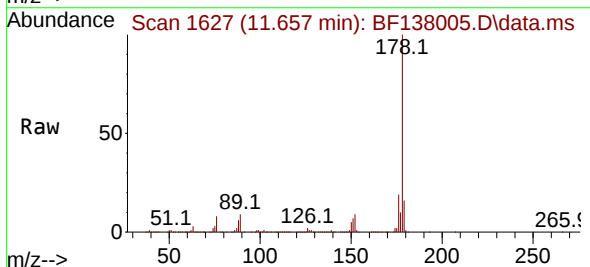
Manual Integrations
APPROVED

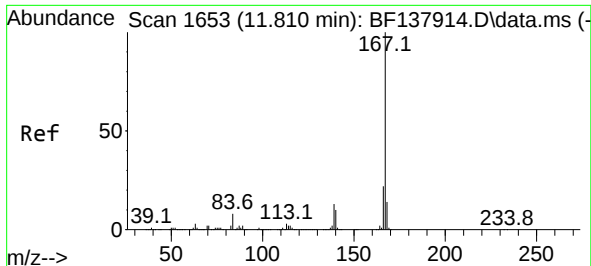
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#72
Anthracene
Concen: 48.005 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

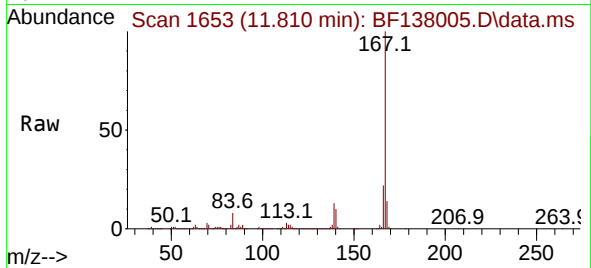
Tgt Ion:178 Resp: 1304587
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 43.034 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF138005.D
 Acq: 22 May 2024 15:19

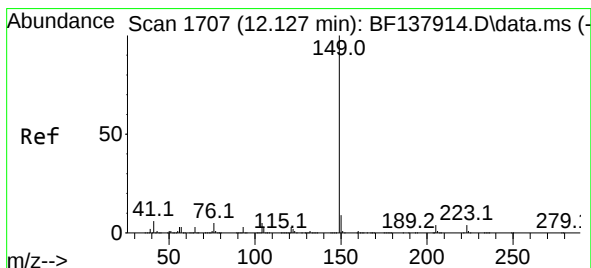
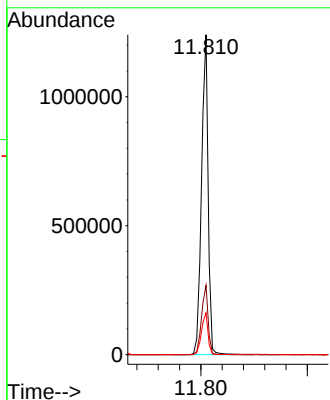
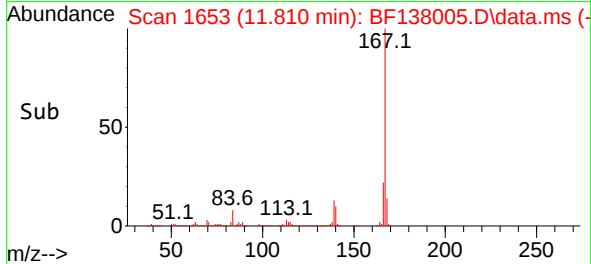
Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-AAMSD



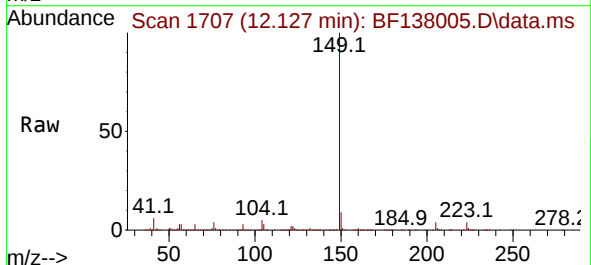
Tgt Ion:167 Resp: 106832
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.1 10.3 15.5

Manual Integrations
 APPROVED

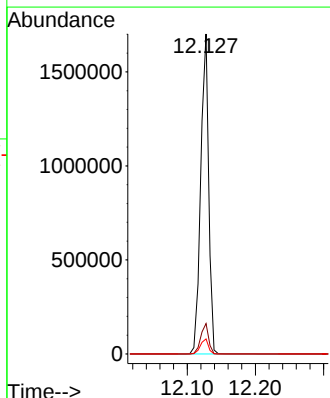
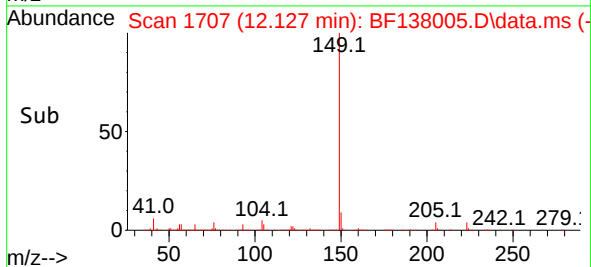
Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

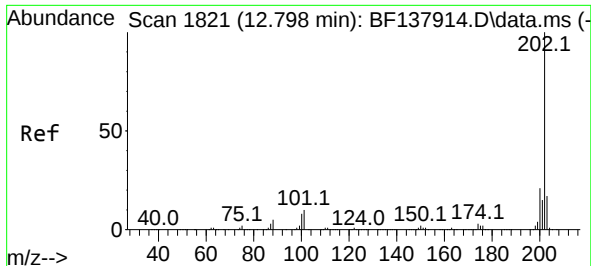


#74
 Di-n-butylphthalate
 Concen: 50.074 ng
 RT: 12.127 min Scan# 1707
 Delta R.T. 0.000 min
 Lab File: BF138005.D
 Acq: 22 May 2024 15:19



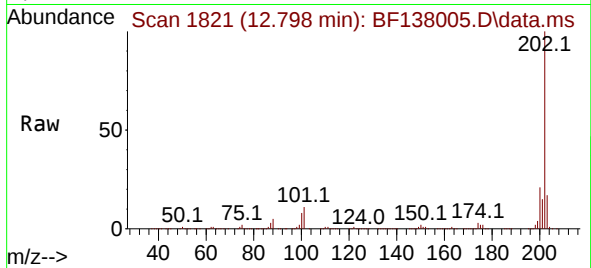
Tgt Ion:149 Resp: 1379565
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 43.635 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

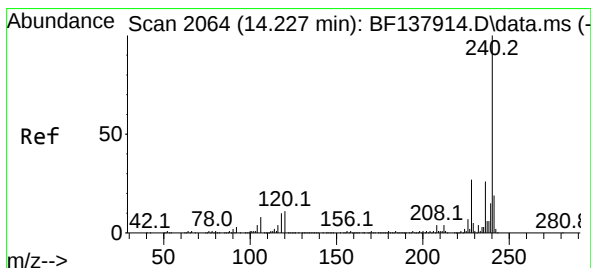
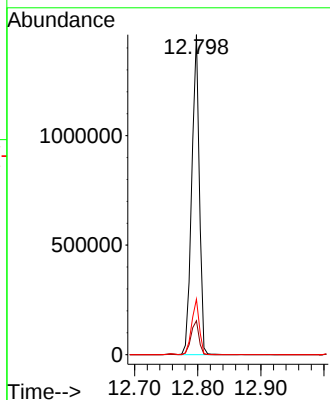
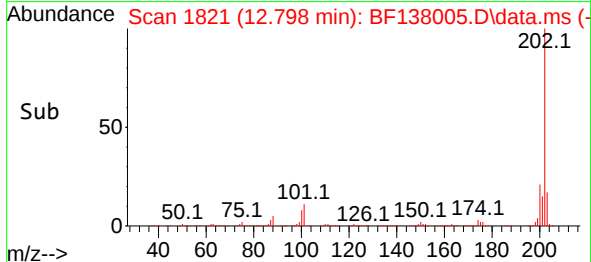
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



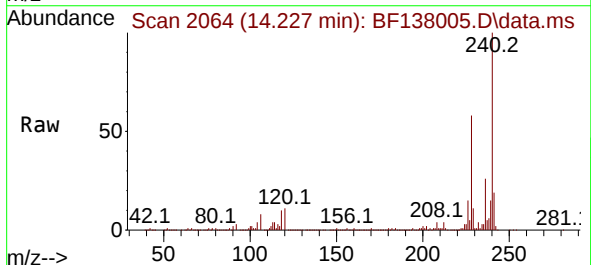
Tgt Ion:202 Resp: 121310
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.5
203 17.3 0.0 37.3

Manual Integrations
APPROVED

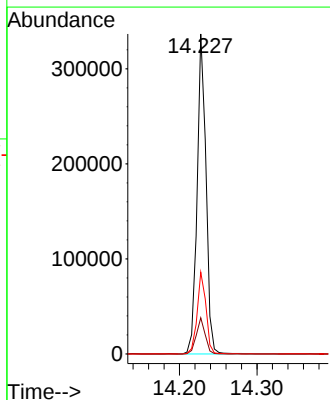
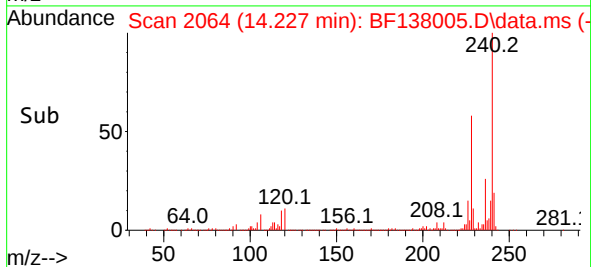
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

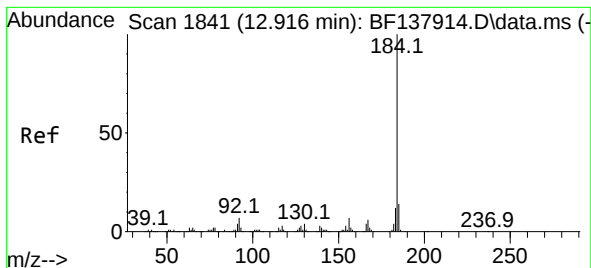


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19



Tgt Ion:240 Resp: 268130
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.5 21.0 31.4





#77

Benzidine

Concen: 22.932 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF138005.D

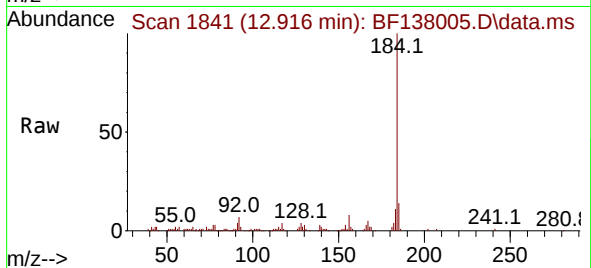
Acq: 22 May 2024 15:19

Instrument :

BNA_F

ClientSampleId :

WC-MH-AAMSD



Tgt Ion:184 Resp: 80350

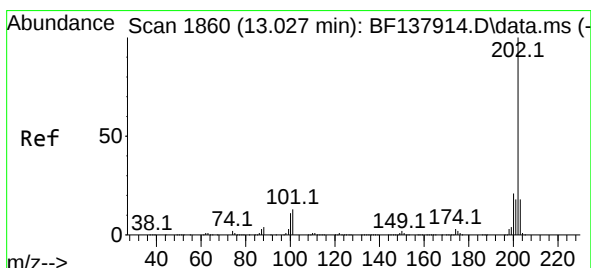
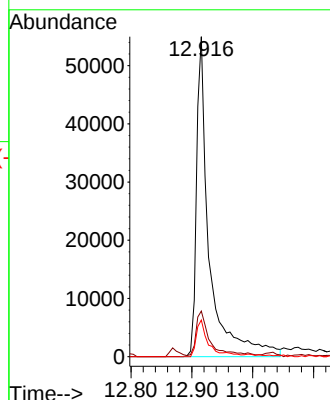
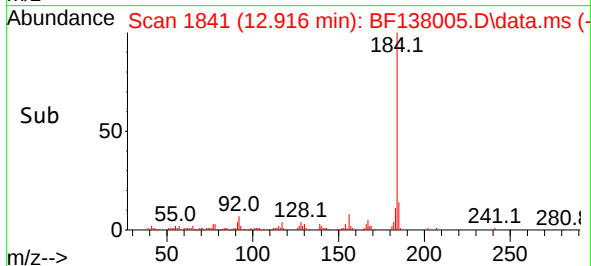
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.4	17.2
183	11.5	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#78

Pyrene

Concen: 49.711 ng

RT: 13.027 min Scan# 1860

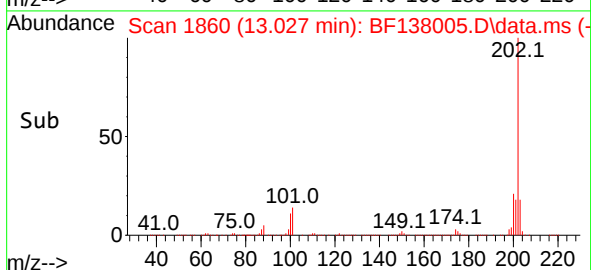
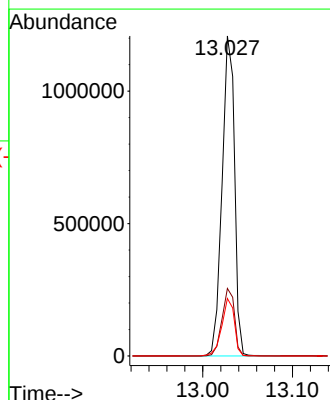
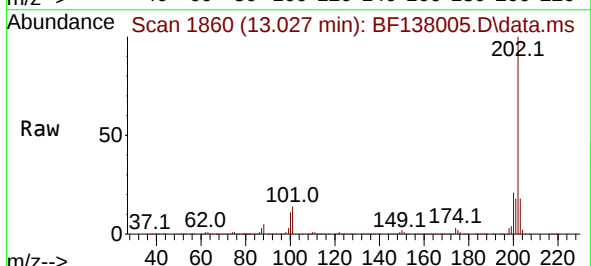
Delta R.T. 0.000 min

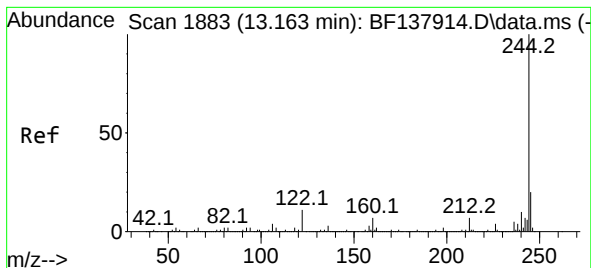
Lab File: BF138005.D

Acq: 22 May 2024 15:19

Tgt Ion:202 Resp: 1165818

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	18.0	14.1	21.1





#79

Terphenyl-d14

Concen: 98.331 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

Instrument :

BNA_F

ClientSampleId :

WC-MH-AAMSD

Tgt Ion:244 Resp: 178895

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

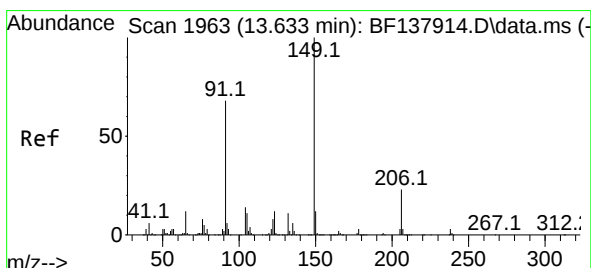
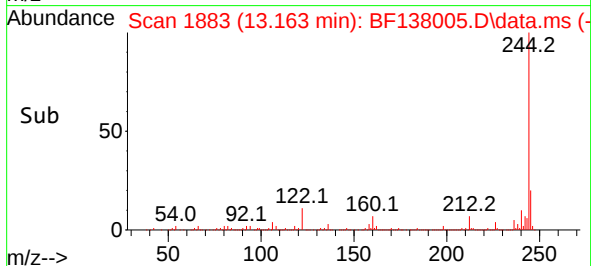
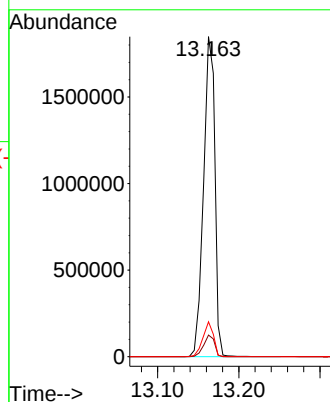
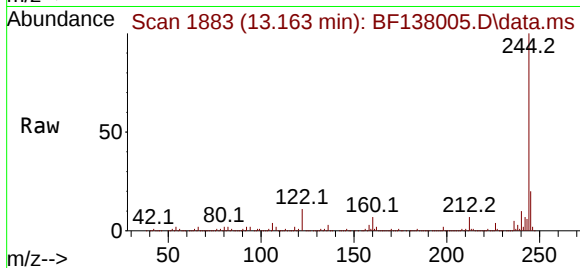
122 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#80

Butylbenzylphthalate

Concen: 57.500 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

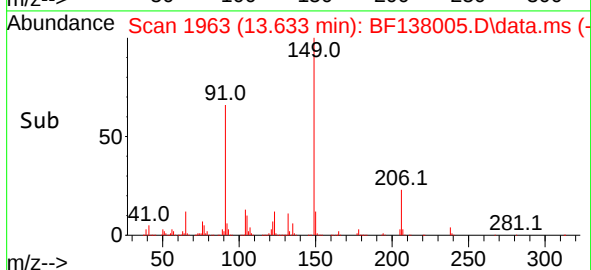
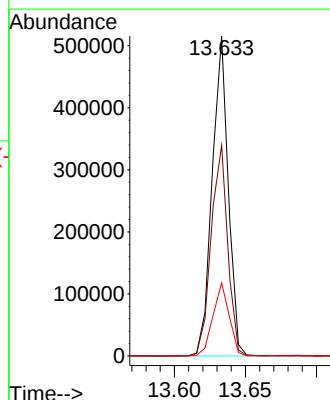
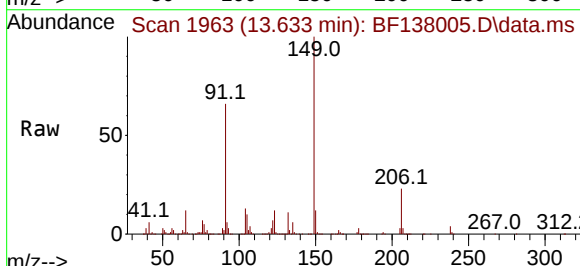
Tgt Ion:149 Resp: 406737

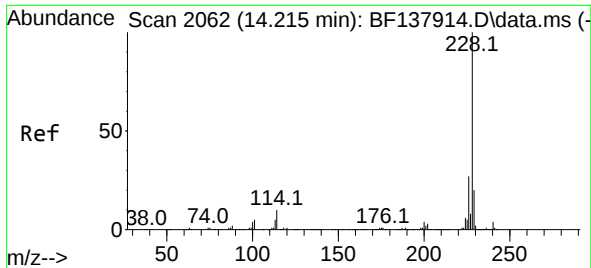
Ion Ratio Lower Upper

149 100

91 65.8 54.2 81.4

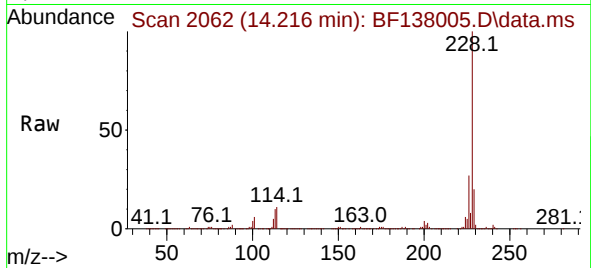
206 22.9 18.1 27.1





#81
Benzo(a)anthracene
Concen: 49.287 ng
RT: 14.216 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

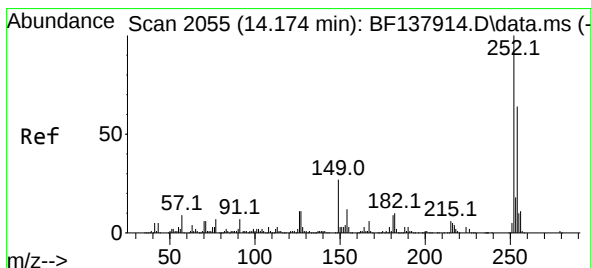
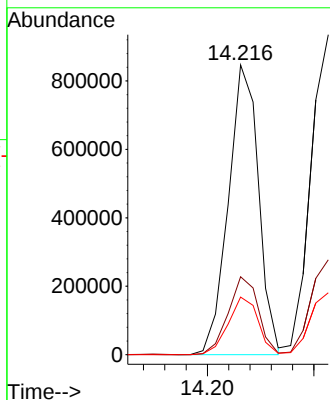
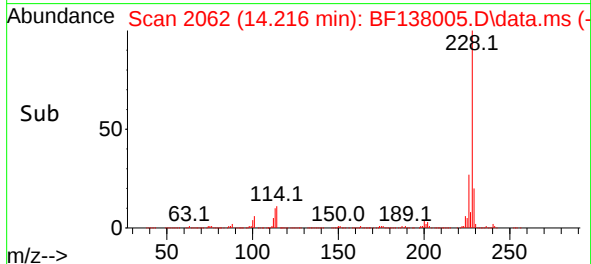
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



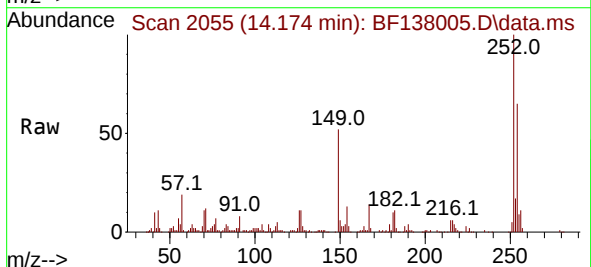
Tgt Ion:228 Resp: 836083
Ion Ratio Lower Upper
228 100
226 26.9 21.3 31.9
229 19.9 15.7 23.5

Manual Integrations
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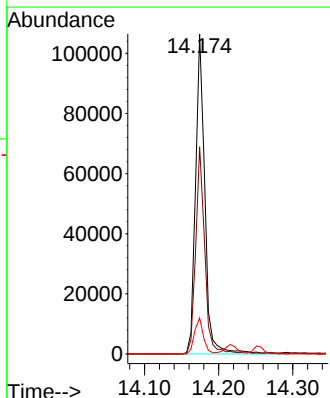
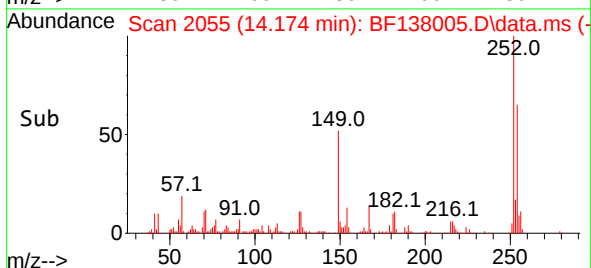
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

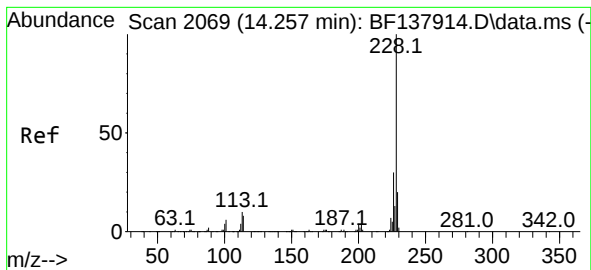


#82
3,3'-Dichlorobenzidine
Concen: 19.740 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19



Tgt Ion:252 Resp: 92799
Ion Ratio Lower Upper
252 100
254 64.7 51.2 76.8
126 11.3 8.7 13.1





#83

Chrysene

Concen: 48.720 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

Instrument :

BNA_F

ClientSampleId :

WC-MH-AAMSD

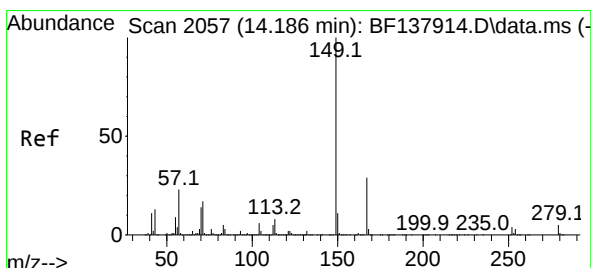
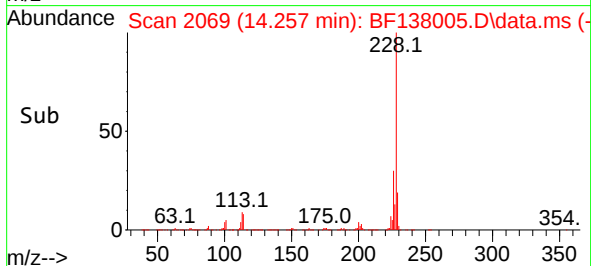
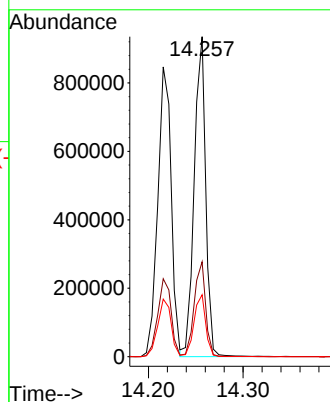
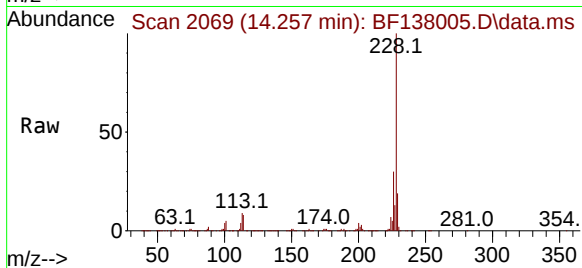
Tgt Ion:	228	Resp:	790405
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.8	35.8
229	19.4	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.899 ng

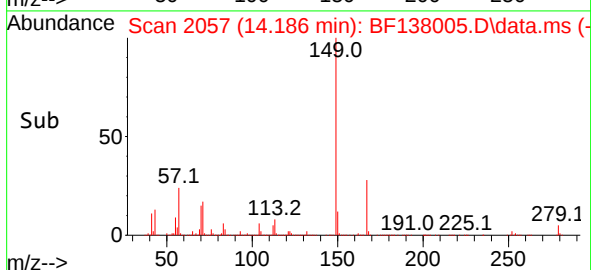
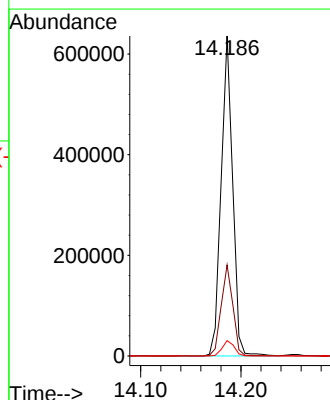
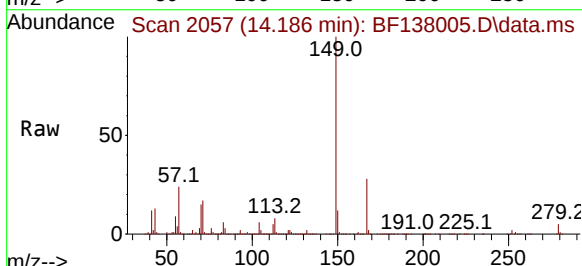
RT: 14.186 min Scan# 2057

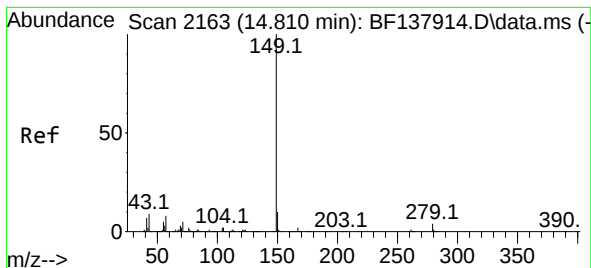
Delta R.T. 0.000 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

Tgt Ion:	149	Resp:	505945
Ion Ratio	Lower	Upper	
149	100		
167	28.4	23.2	34.8
279	4.8	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 67.372 ng

RT: 14.816 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BF138005.D

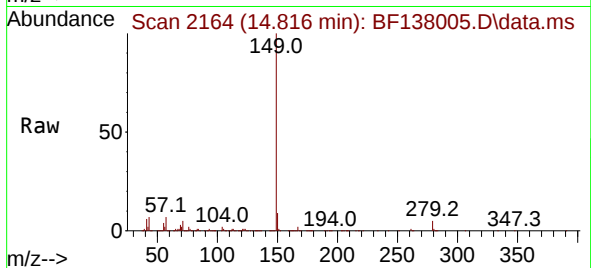
Acq: 22 May 2024 15:19

Instrument :

BNA_F

ClientSampleId :

WC-MH-AAMSD



Tgt Ion:149 Resp: 809324

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

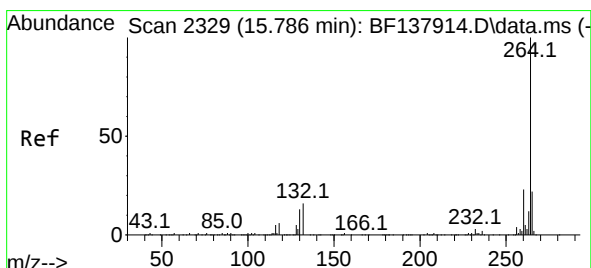
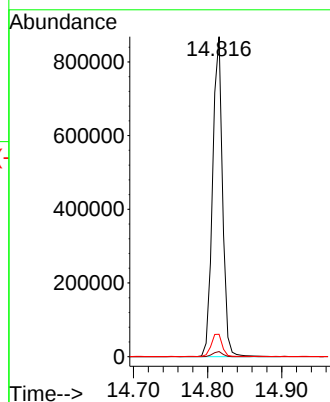
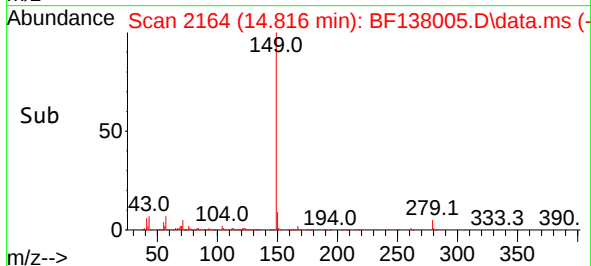
43 7.6 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. 0.006 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

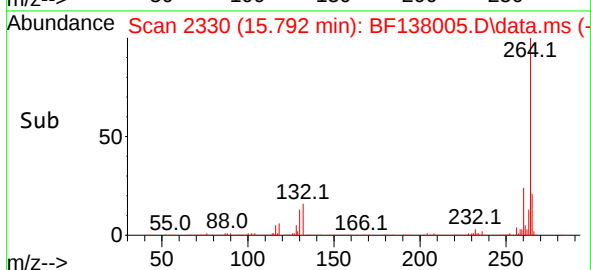
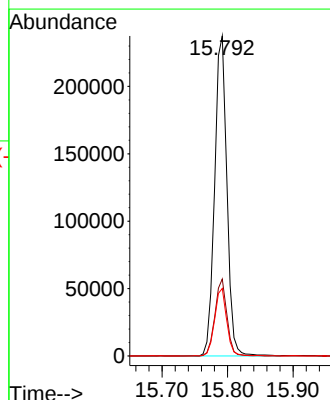
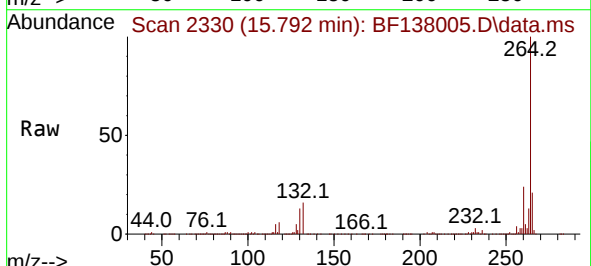
Tgt Ion:264 Resp: 308674

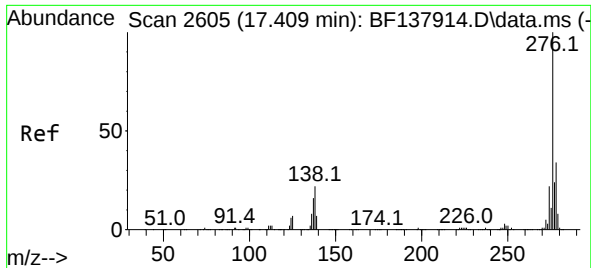
Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

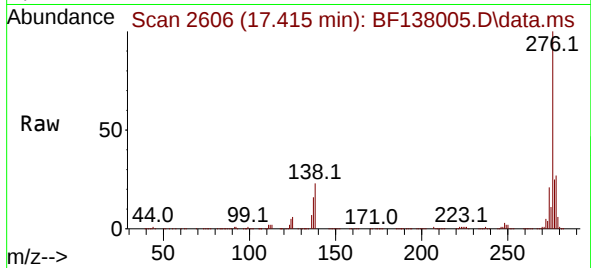
265 21.1 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.417 ng
RT: 17.415 min Scan# 2066
Delta R.T. 0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

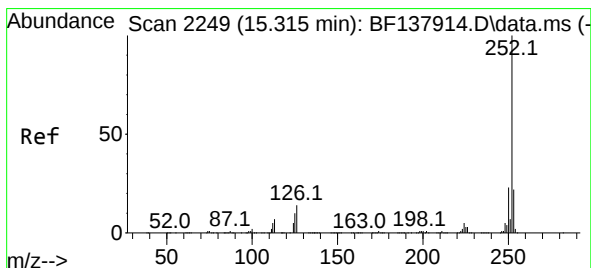
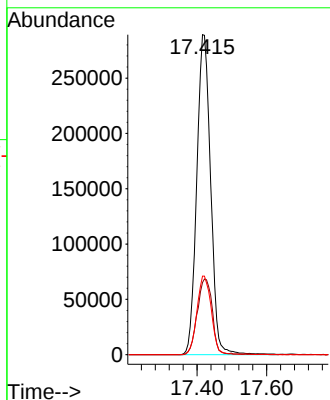
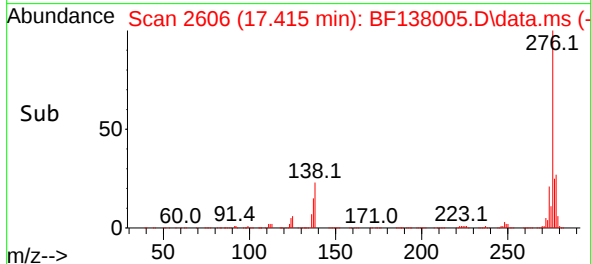
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



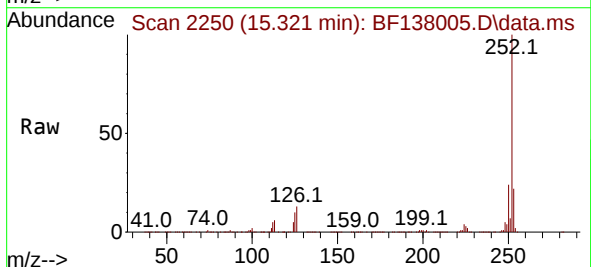
Tgt Ion:276 Resp: 80153
Ion Ratio Lower Upper
276 100
138 25.3 20.6 30.8
277 25.3 20.2 30.2

Manual Integrations
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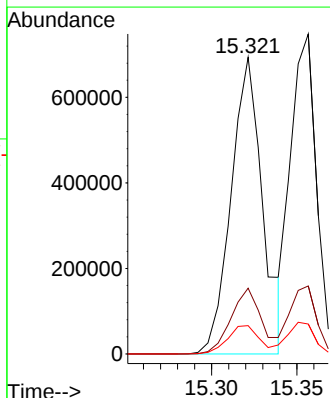
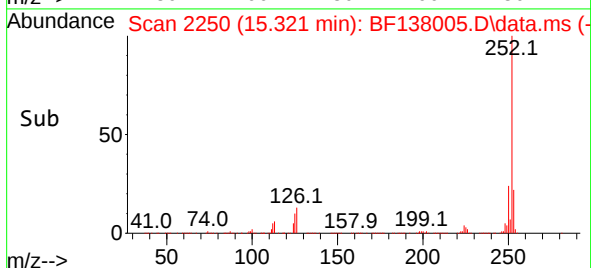
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

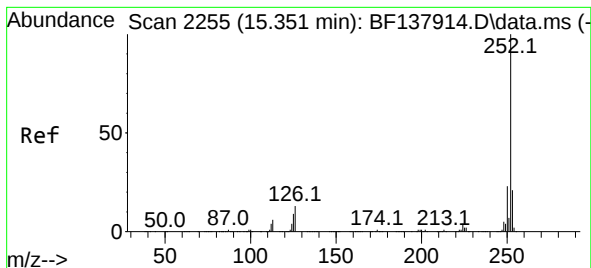


#88
Benzo(b)fluoranthene
Concen: 49.913 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19



Tgt Ion:252 Resp: 892062
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.6 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 45.125 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

Instrument :

BNA_F

ClientSampleId :

WC-MH-AAMSD

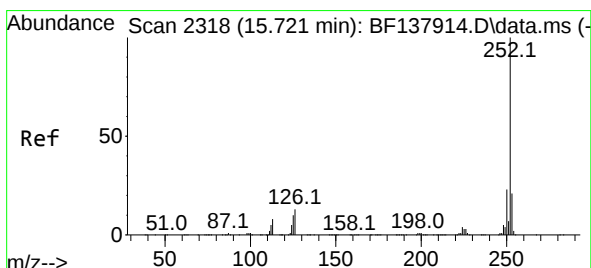
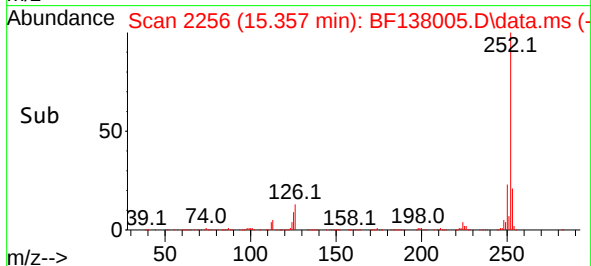
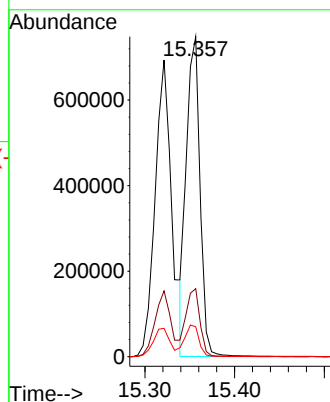
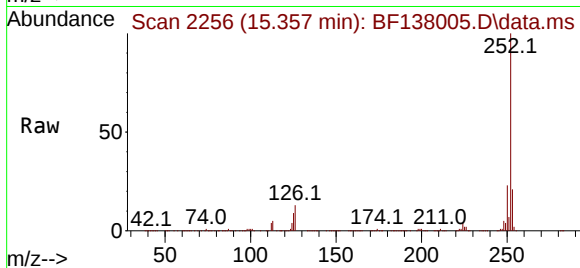
Tgt Ion:	252	Resp:	79230
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.4	26.0
125	9.4	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#90

Benzo(a)pyrene

Concen: 51.495 ng

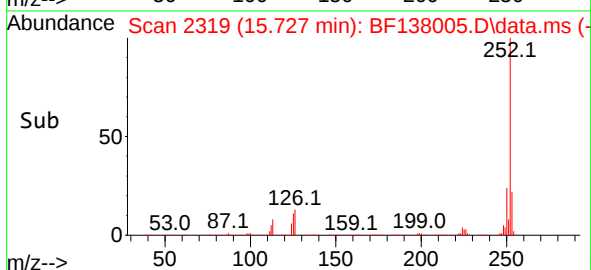
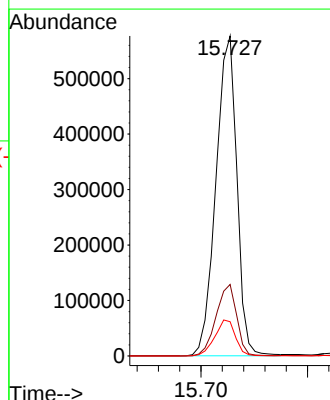
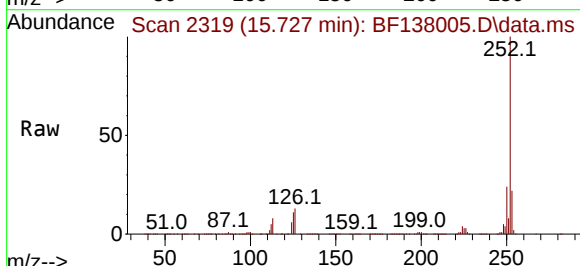
RT: 15.727 min Scan# 2319

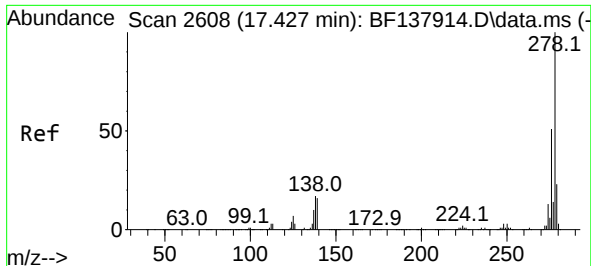
Delta R.T. 0.006 min

Lab File: BF138005.D

Acq: 22 May 2024 15:19

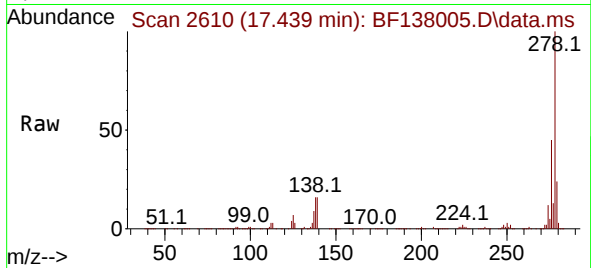
Tgt Ion:	252	Resp:	785887
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.0	25.6
125	10.7	7.8	11.8





#91
Dibenzo(a,h)anthracene
Concen: 40.158 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.012 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

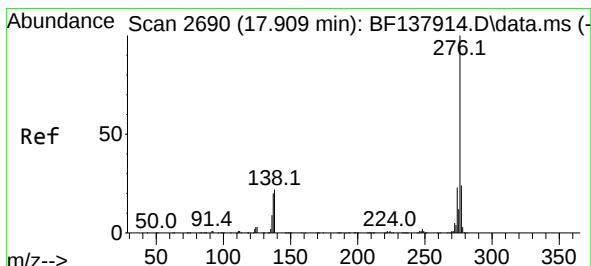
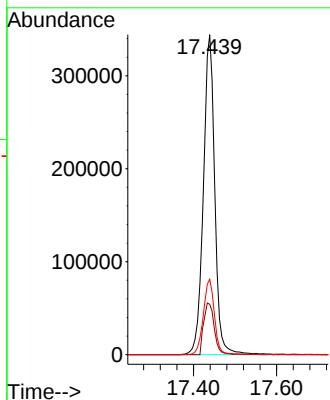
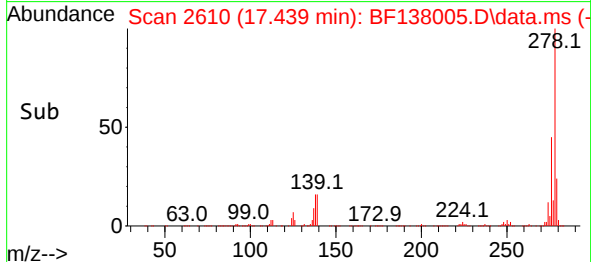
Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMSD



Tgt Ion:278 Resp: 65798
Ion Ratio Lower Upper
278 100
139 15.7 13.1 19.7
279 23.5 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#92
Benzo(g,h,i)perylene
Concen: 33.458 ng
RT: 17.915 min Scan# 2691
Delta R.T. 0.006 min
Lab File: BF138005.D
Acq: 22 May 2024 15:19

Tgt Ion:276 Resp: 575902
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 22.1 17.6 26.4

