

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
 Data File : BF138054.D
 Acq On : 29 May 2024 11:55
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 29 12:22:28 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	7.040	152	149272	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	569743	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	321541	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	550617	20.000	ng	0.00
76) Chrysene-d12	14.233	240	310757	20.000	ng	0.00
86) Perylene-d12	15.804	264	289703	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	685813	78.042	ng	0.00
7) Phenol-d6	6.657	99	844949	78.055	ng	0.00
23) Nitrobenzene-d5	7.604	82	777874	80.349	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	276163	85.180	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1657030	79.382	ng	0.00
79) Terphenyl-d14	13.169	244	1727843	81.945	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.934	88	145310	38.170	ng	99
3) Pyridine	3.710	79	350510	41.034	ng	99
4) n-Nitrosodimethylamine	3.675	42	141189	37.468	ng	100
6) Aniline	6.704	93	419834m	43.361	ng	
8) 2-Chlorophenol	6.822	128	380429	40.003	ng	98
9) Benzaldehyde	6.593	77	248224	42.383	ng	99
10) Phenol	6.669	94	433492	39.674	ng	98
11) bis(2-Chloroethyl)ether	6.769	93	336703	40.134	ng	99
12) 1,3-Dichlorobenzene	6.981	146	437597	39.770	ng	99
13) 1,4-Dichlorobenzene	7.057	146	440899	39.920	ng	99
14) 1,2-Dichlorobenzene	7.210	146	409067	39.353	ng	99
15) Benzyl Alcohol	7.175	79	305168	42.218	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.304	45	417572	40.492	ng	98
17) 2-Methylphenol	7.281	107	302134	39.837	ng	98
18) Hexachloroethane	7.551	117	151641	40.574	ng	96
19) n-Nitroso-di-n-propyla...	7.445	70	247078	40.626	ng	99
20) 3+4-Methylphenols	7.434	107	396115	39.868	ng	91
22) Acetophenone	7.445	105	511798	40.099	ng	98
24) Nitrobenzene	7.622	77	398910	40.617	ng	98
25) Isophorone	7.857	82	683880	40.701	ng	97
26) 2-Nitrophenol	7.934	139	214504	43.467	ng	98
27) 2,4-Dimethylphenol	7.963	122	255985	40.290	ng	98
28) bis(2-Chloroethoxy)met...	8.063	93	419057	41.151	ng	99
29) 2,4-Dichlorophenol	8.175	162	329425	41.232	ng	98
30) 1,2,4-Trichlorobenzene	8.257	180	368398	41.298	ng	99
31) Naphthalene	8.345	128	1150497	40.161	ng	100
32) Benzoic acid	8.075	122	237929m	44.300	ng	
33) 4-Chloroaniline	8.387	127	404380	43.060	ng	99
34) Hexachlorobutadiene	8.451	225	232574	41.191	ng	97
35) Caprolactam	8.769	113	99487	42.980	ng	97
36) 4-Chloro-3-methylphenol	8.863	107	334629	41.173	ng	100
37) 2-Methylnaphthalene	9.039	142	754107	40.953	ng	99
38) 1-Methylnaphthalene	9.139	142	733327	40.509	ng	99
40) 1,2,4,5-Tetrachloroben...	9.204	216	362067	41.419	ng	99
41) Hexachlorocyclopentadiene	9.186	237	130486	39.285	ng	98
43) 2,4,6-Trichlorophenol	9.310	196	238182	41.557	ng	98

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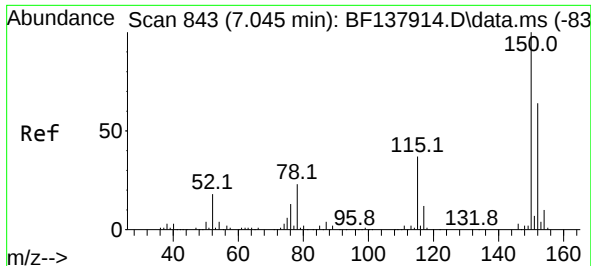
Manual Integrations
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 Supervised By :mohammad ahmed 05/31/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	262325	41.829	ng	95
46) 1,1'-Biphenyl	9.504	154	913520	40.506	ng	98
47) 2-Chloronaphthalene	9.534	162	726222	40.339	ng	99
48) 2-Nitroaniline	9.622	65	189073	41.013	ng	99
49) Acenaphthylene	9.951	152	1051801	40.632	ng	99
50) Dimethylphthalate	9.798	163	837517	41.537	ng	99
51) 2,6-Dinitrotoluene	9.863	165	198539	42.902	ng	97
52) Acenaphthene	10.122	154	702180	41.042	ng	99
53) 3-Nitroaniline	10.039	138	191343	42.294	ng	96
54) 2,4-Dinitrophenol	10.139	184	93840	41.233	ng	# 85
55) Dibenzofuran	10.292	168	1005953	40.401	ng	100
56) 4-Nitrophenol	10.186	139	129775	39.939	ng	96
57) 2,4-Dinitrotoluene	10.269	165	261822	43.764	ng	# 89
58) Fluorene	10.639	166	801307	40.687	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.410	232	208442	42.309	ng	98
60) Diethylphthalate	10.498	149	797884	42.370	ng	100
61) 4-Chlorophenyl-phenyle...	10.628	204	406831	41.888	ng	90
62) 4-Nitroaniline	10.657	138	175549	40.911	ng	97
63) Azobenzene	10.786	77	695357	40.596	ng	99
65) 4,6-Dinitro-2-methylph...	10.681	198	141093	44.379	ng	94
66) n-Nitrosodiphenylamine	10.745	169	675970	40.032	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	251443	41.655	ng	100
68) Hexachlorobenzene	11.186	284	274734	41.174	ng	# 95
69) Atrazine	11.263	200	172576	37.428	ng	98
70) Pentachlorophenol	11.380	266	163938	41.944	ng	98
71) Phenanthrene	11.610	178	1073918	39.578	ng	99
72) Anthracene	11.663	178	1080726	40.143	ng	100
73) Carbazole	11.816	167	973349	39.578	ng	99
74) Di-n-butylphthalate	12.127	149	1188675	43.553	ng	99
75) Fluoranthene	12.804	202	1103114	40.053	ng	99
77) Benzidine	12.916	184	263443	64.867	ng	100
78) Pyrene	13.033	202	1094463	40.267	ng	99
80) Butylbenzylphthalate	13.633	149	390053	47.577	ng	97
81) Benzo(a)anthracene	14.221	228	809710	41.185	ng	100
82) 3,3'-Dichlorobenzidine	14.180	252	257378	47.238	ng	100
83) Chrysene	14.263	228	763049	40.582	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	480854	46.659	ng	97
85) Di-n-octyl phthalate	14.816	149	740173	53.164	ng	99
87) Indeno(1,2,3-cd)pyrene	17.445	276	747330	40.152	ng	99
88) Benzo(b)fluoranthene	15.333	252	687019	40.957	ng	99
89) Benzo(k)fluoranthene	15.363	252	676729	41.067	ng	99
90) Benzo(a)pyrene	15.733	252	603030	42.101	ng	98
91) Dibenzo(a,h)anthracene	17.462	278	611706	39.778	ng	98
92) Benzo(g,h,i)perylene	17.945	276	627298	38.831	ng	98

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



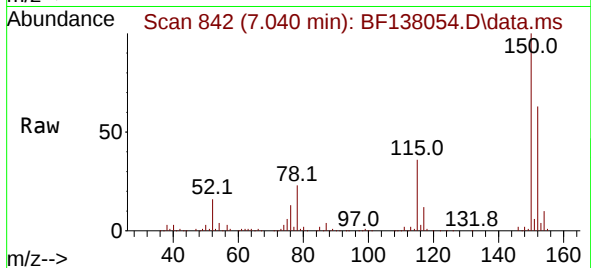
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

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SSTDCCC040

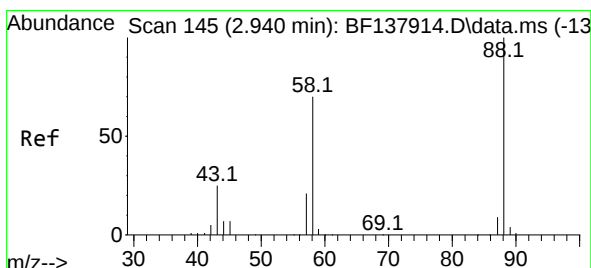
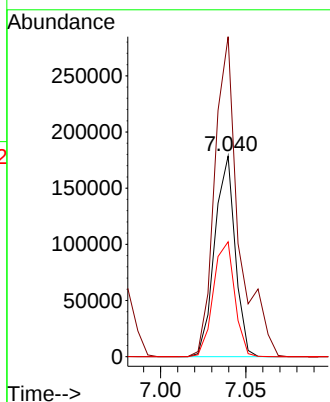
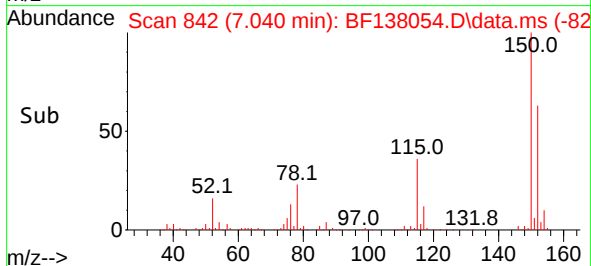


Tgt Ion:152 Resp: 149272
Ion Ratio Lower Upper
152 100
150 159.5 125.7 188.5
115 57.3 47.0 70.6

Manual Integrations

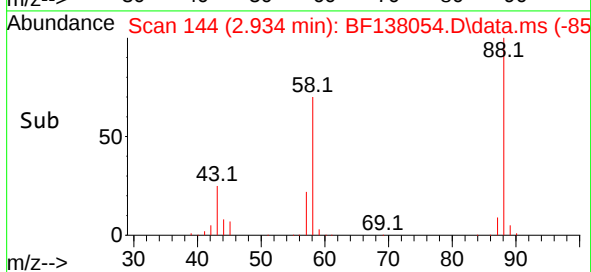
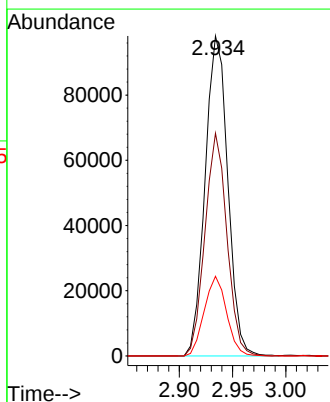
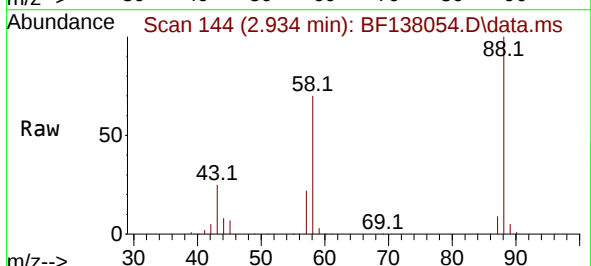
APPROVED

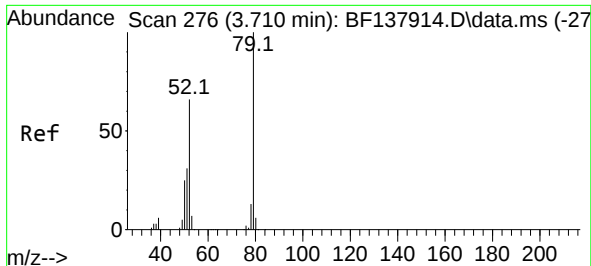
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#2
1,4-Dioxane
Concen: 38.170 ng
RT: 2.934 min Scan# 144
Delta R.T. -0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Tgt Ion: 88 Resp: 145310
Ion Ratio Lower Upper
88 100
58 67.4 54.4 81.6
43 24.6 19.6 29.4





#3
Pyridine
Concen: 41.034 ng
RT: 3.710 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

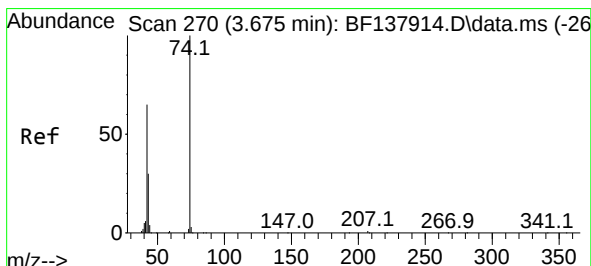
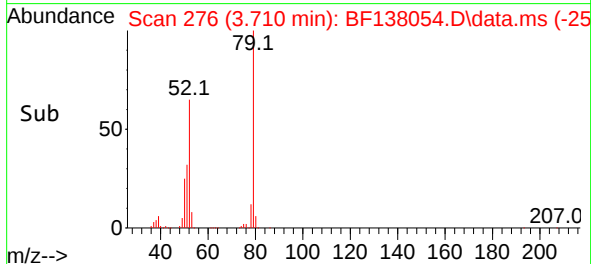
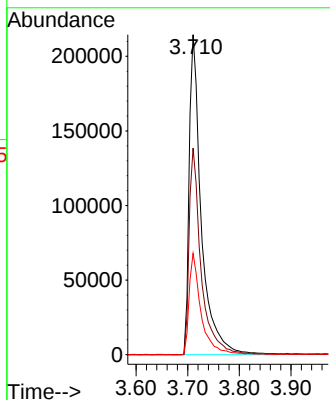
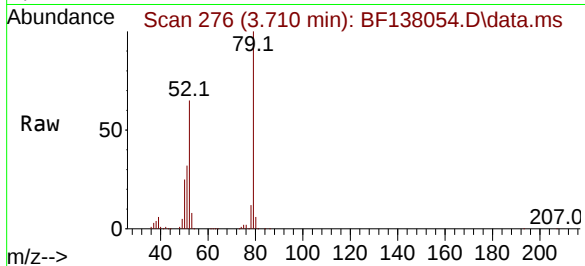
SSTDCCC040

Tgt Ion: 79 Resp: 350510
Ion Ratio Lower Upper
79 100
52 64.5 52.5 78.7
51 31.6 25.1 37.7

Manual Integrations

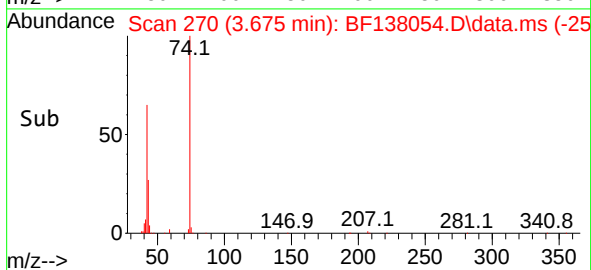
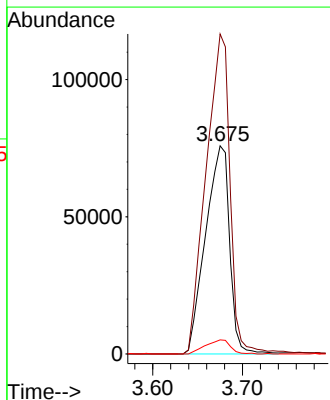
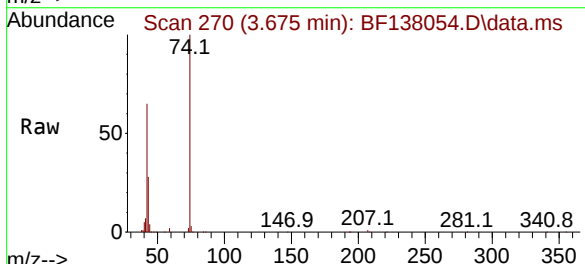
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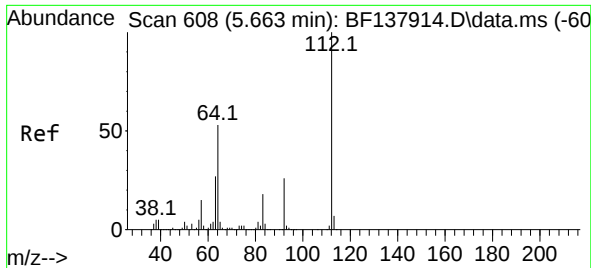
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#4
n-Nitrosodimethylamine
Concen: 37.468 ng
RT: 3.675 min Scan# 270
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Tgt Ion: 42 Resp: 141189
Ion Ratio Lower Upper
42 100
74 153.7 123.1 184.7
44 6.8 5.0 7.6





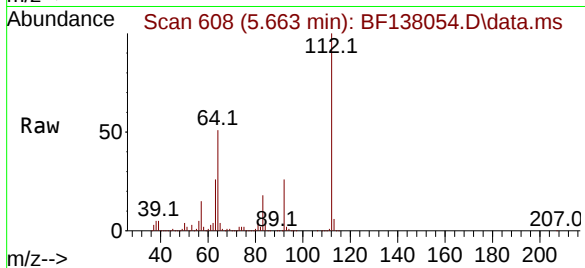
#5
2-Fluorophenol
Concen: 78.042 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

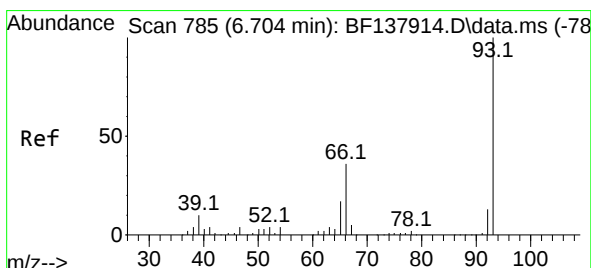
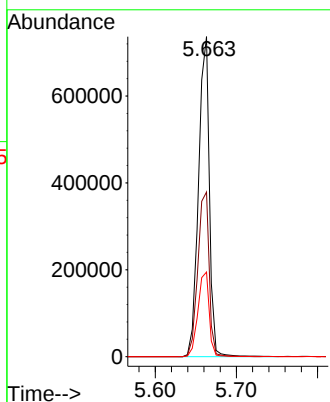
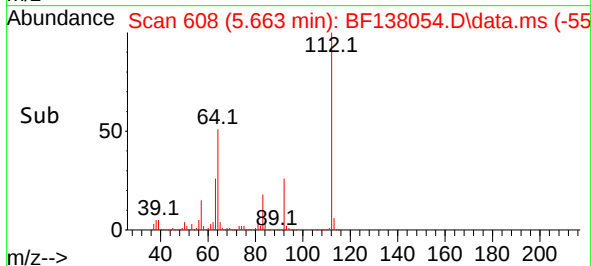


Tgt Ion:112 Resp: 68581
Ion Ratio Lower Upper
112 100
64 51.5 42.4 63.6
63 26.4 21.4 32.2

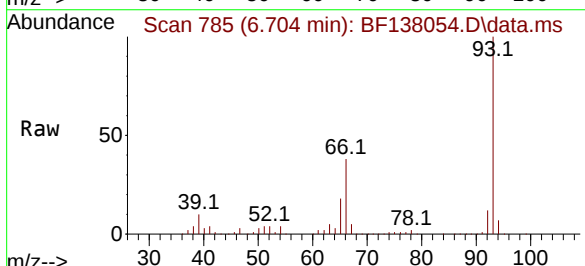
Manual Integrations

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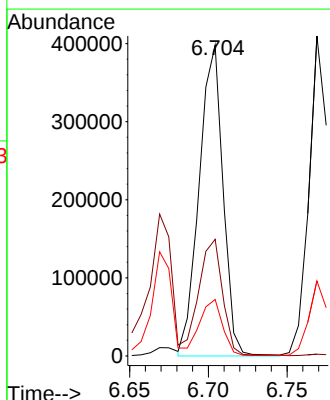
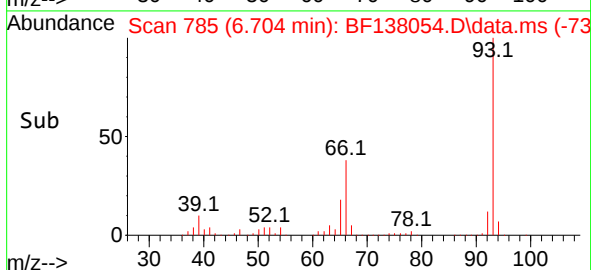
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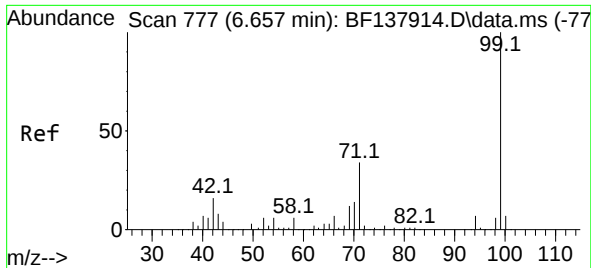


#6
Aniline
Concen: 43.361 ng m
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55



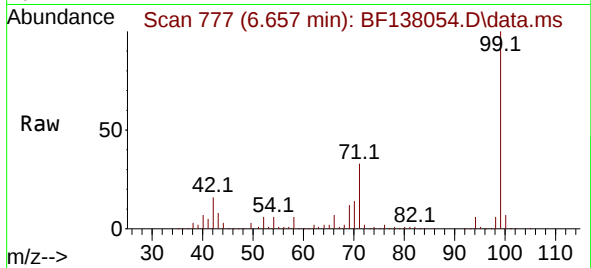
Tgt Ion: 93 Resp: 419834
Ion Ratio Lower Upper
93 100
66 37.5 30.7 46.1
65 18.1 15.0 22.4





#7
Phenol-d6
Concen: 78.055 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

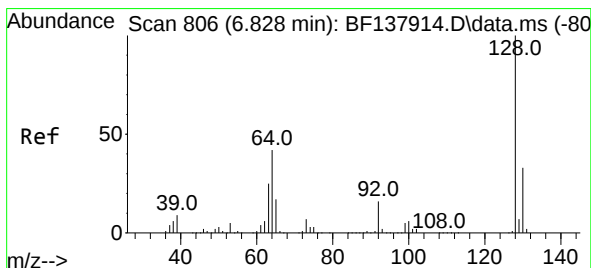
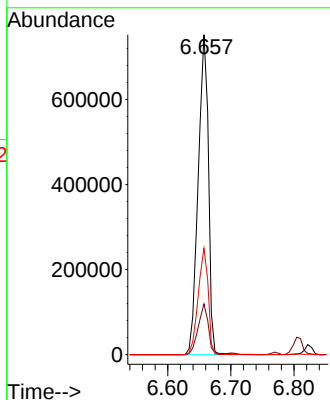
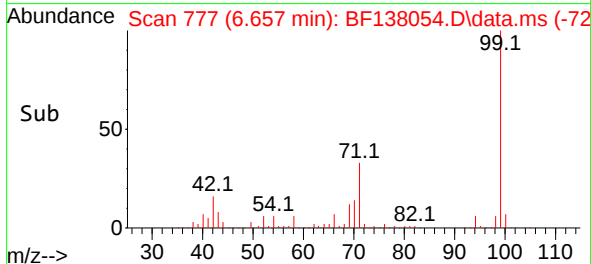
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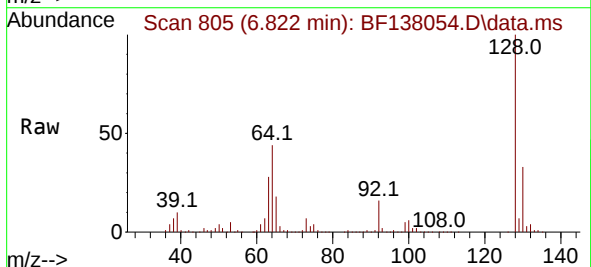
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Ion Ratio Lower Upper
99 100
42 15.9 12.6 18.8
71 33.3 27.1 40.7

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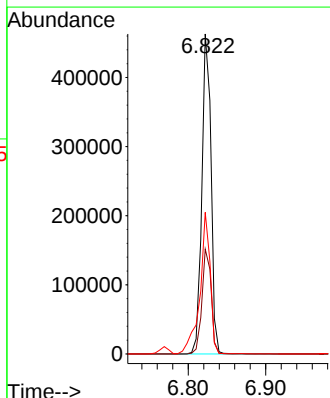
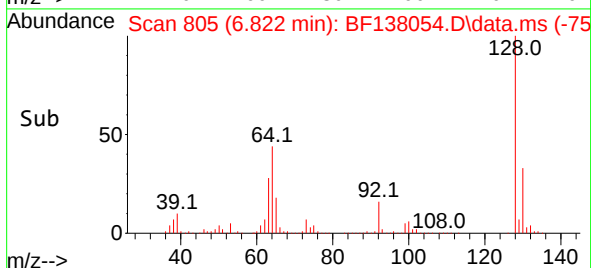
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#8
2-Chlorophenol
Concen: 40.003 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55



Tgt Ion:128 Resp: 380429
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 44.2 22.2 62.2





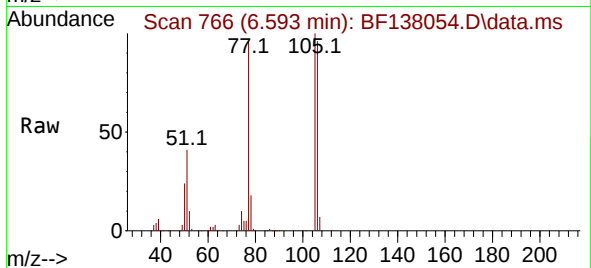
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Benzaldehyde
Concen: 42.383 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.005 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

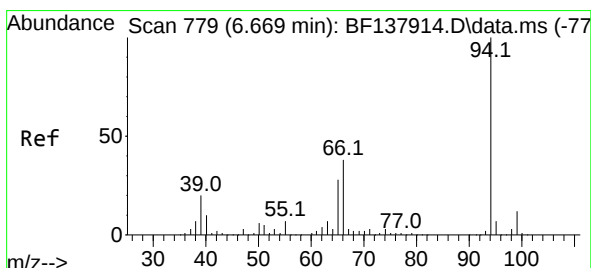
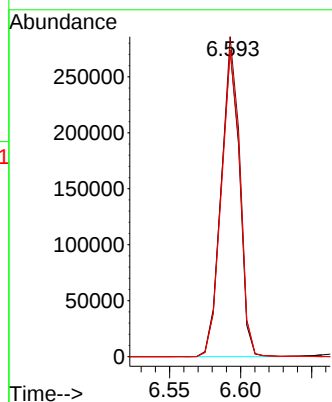
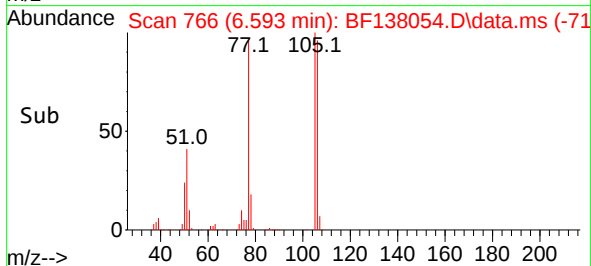


Tgt Ion: 77 Resp: 248224
Ion Ratio Lower Upper
77 100
105 104.2 82.3 122.3
106 99.8 79.2 119.2

Manual Integrations

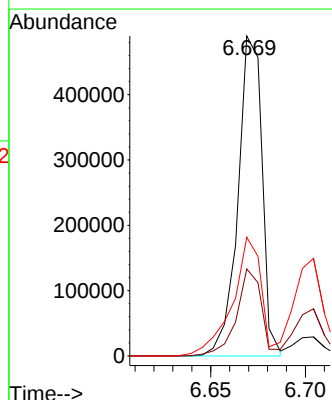
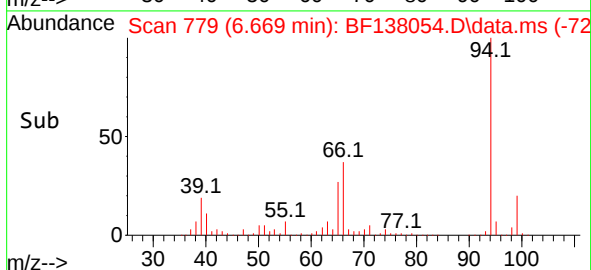
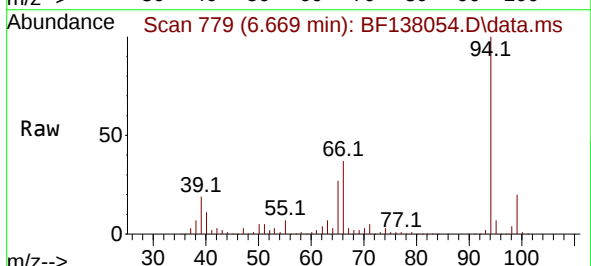
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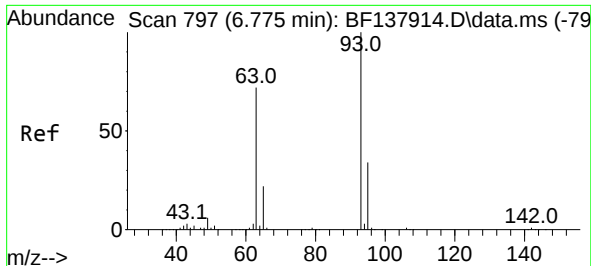
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#10
Phenol
Concen: 39.674 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Tgt Ion: 94 Resp: 433492
Ion Ratio Lower Upper
94 100
65 27.2 7.8 47.8
66 37.1 18.6 58.6





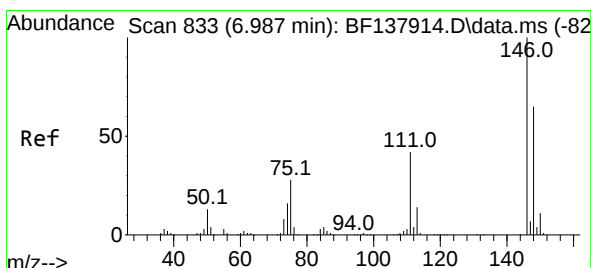
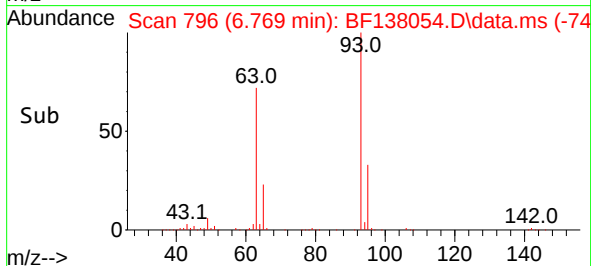
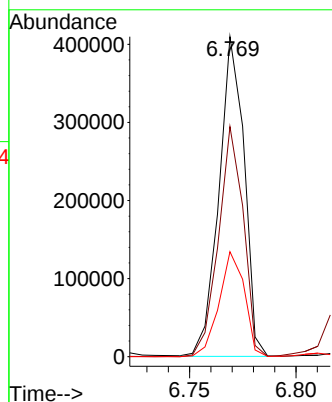
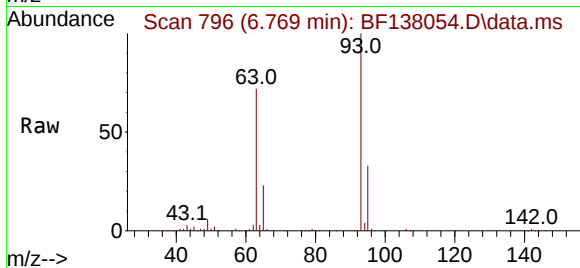
#11
bis(2-Chloroethyl)ether
Concen: 40.134 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 336700
Ion Ratio Lower Upper
93 100
63 71.9 51.4 91.4
95 32.8 13.5 53.5

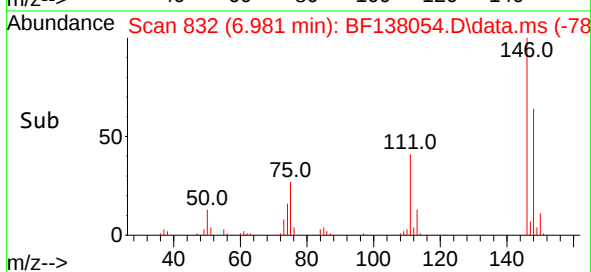
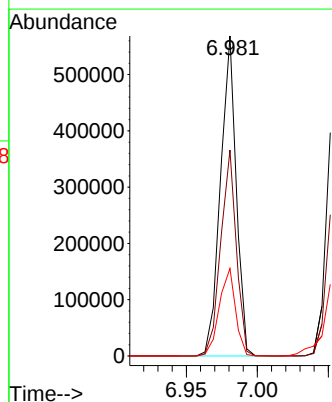
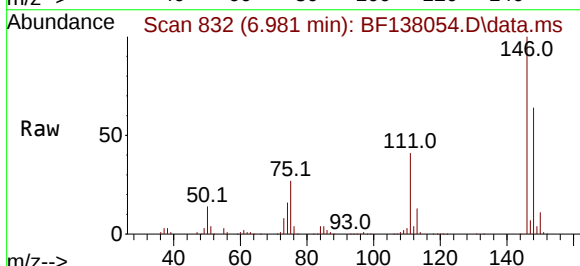
Manual Integrations
APPROVED

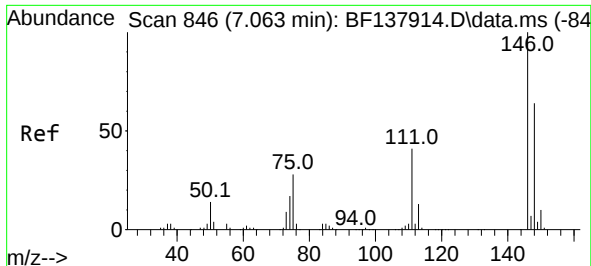
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#12
1,3-Dichlorobenzene
Concen: 39.770 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Tgt Ion:146 Resp: 437597
Ion Ratio Lower Upper
146 100
148 64.4 51.7 77.5
75 27.3 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 39.920 ng

RT: 7.057 min Scan# 846

Delta R.T. -0.006 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 44089

Ion Ratio Lower Upper

146 100

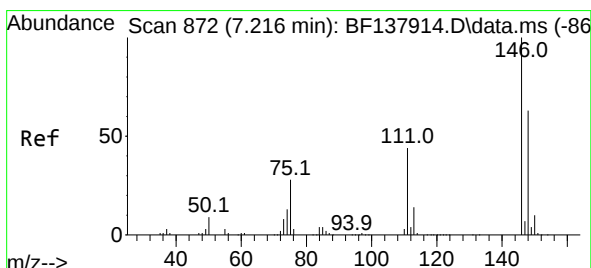
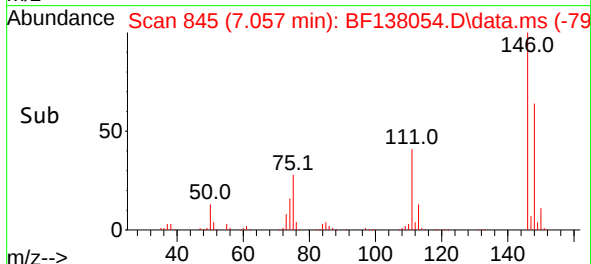
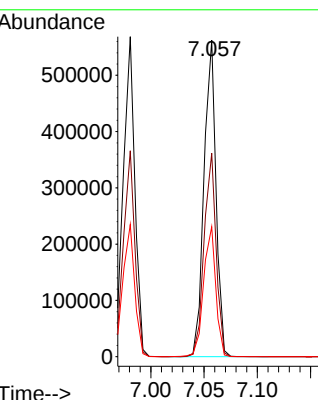
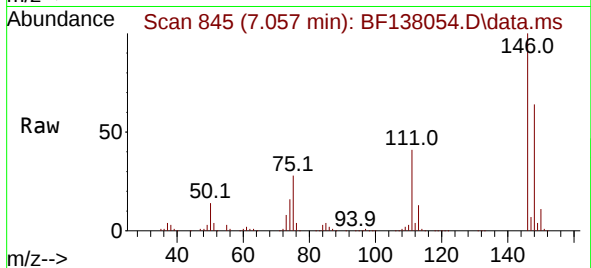
148 64.3 51.0 76.6

111 41.0 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#14

1,2-Dichlorobenzene

Concen: 39.353 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

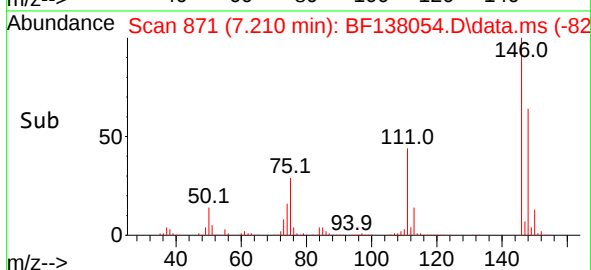
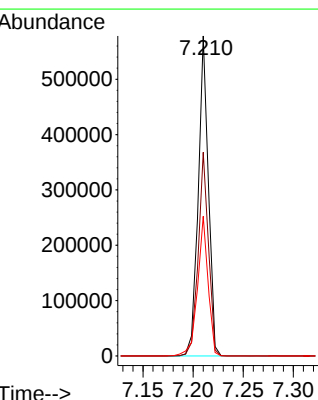
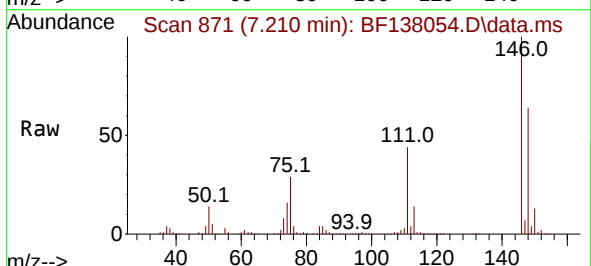
Tgt Ion:146 Resp: 409067

Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.4

111 43.7 35.1 52.7





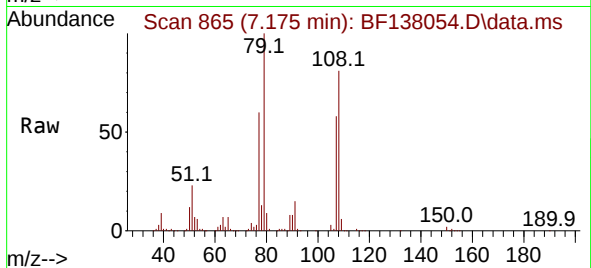
#15
Benzyl Alcohol
Concen: 42.218 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

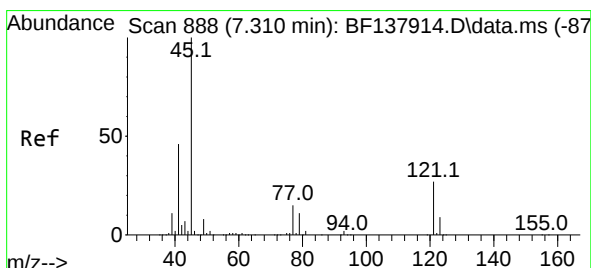
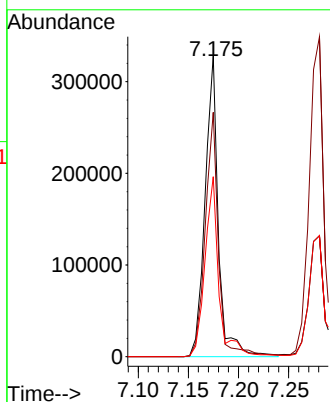
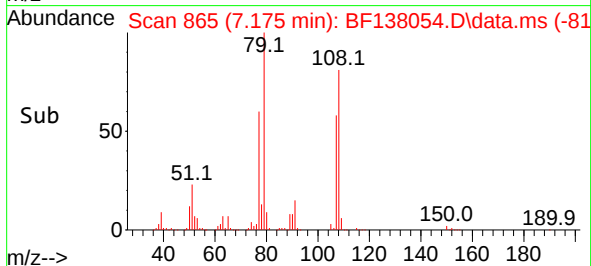


Tgt Ion: 79 Resp: 305168
Ion Ratio Lower Upper
79 100
108 81.1 62.8 94.2
77 59.8 48.7 73.1

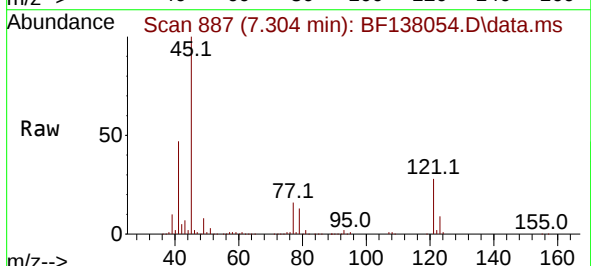
Manual Integrations

APPROVED

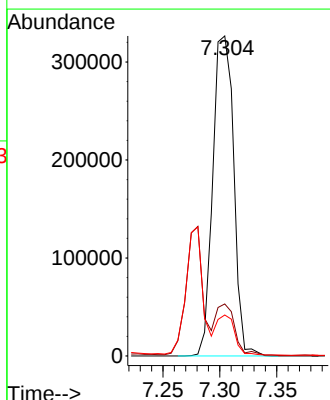
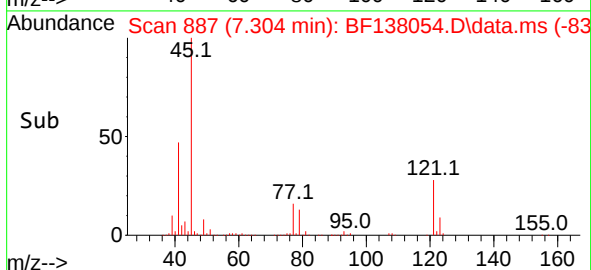
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

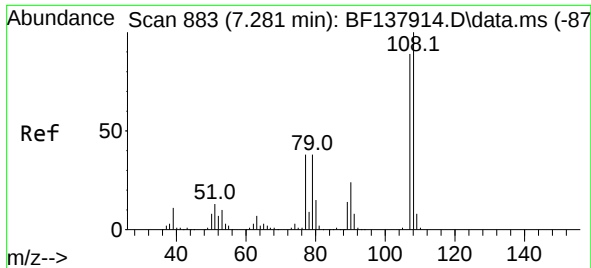


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.492 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55



Tgt Ion: 45 Resp: 417572
Ion Ratio Lower Upper
45 100
77 16.3 0.0 35.3
79 12.8 0.0 32.1





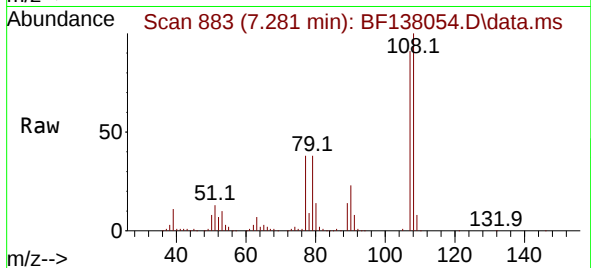
#17
2-Methylphenol
Concen: 39.837 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

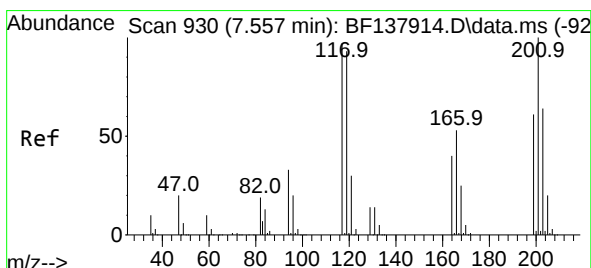
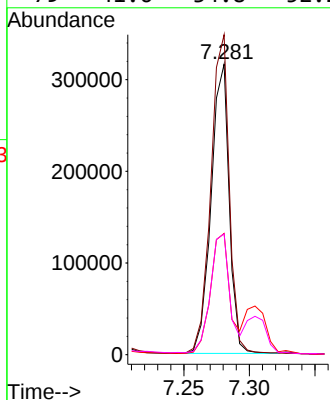
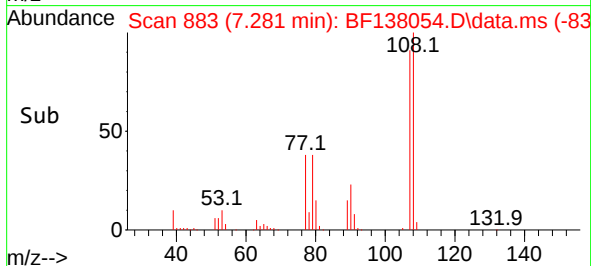


Tgt Ion:107 Resp: 302134
Ion Ratio Lower Upper
107 100
108 110.2 90.1 135.1
77 41.7 34.3 51.5
79 41.6 34.8 52.2

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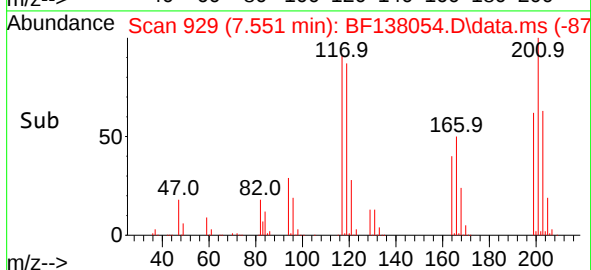
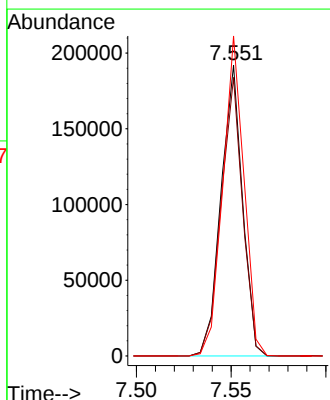
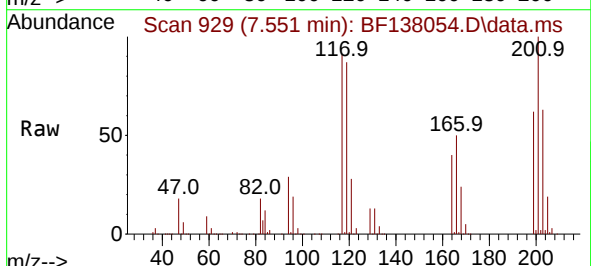
APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#18
Hexachloroethane
Concen: 40.574 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

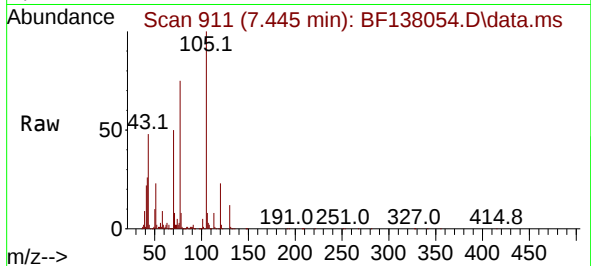
Tgt Ion:117 Resp: 151641
Ion Ratio Lower Upper
117 100
119 95.7 76.8 115.2
201 110.0 82.7 124.1





#19
n-Nitroso-di-n-propylamine
Concen: 40.626 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

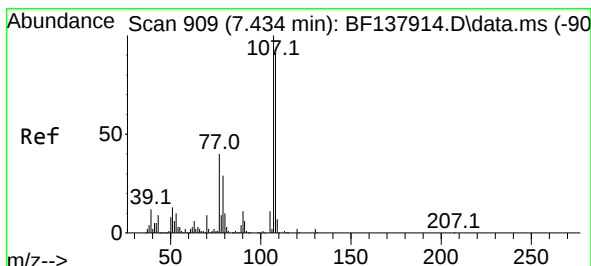
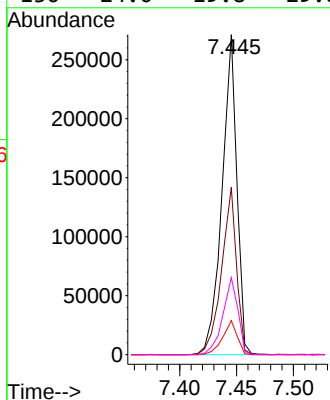
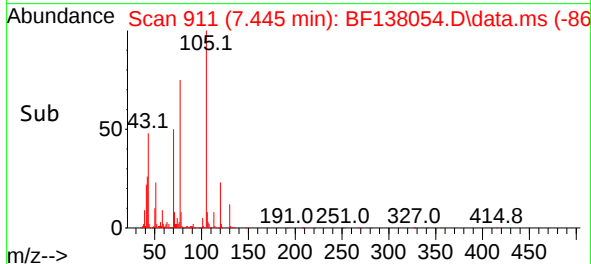
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 247078
Ion Ratio Lower Upper
70 100
42 52.3 42.2 63.4
101 10.6 8.8 13.2
130 24.0 19.8 29.8

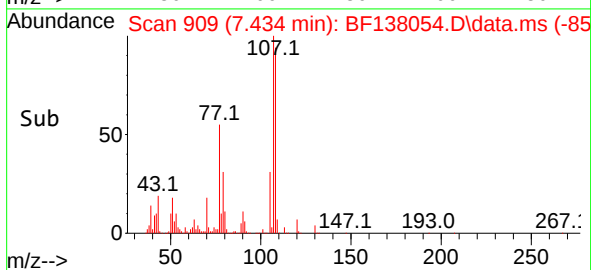
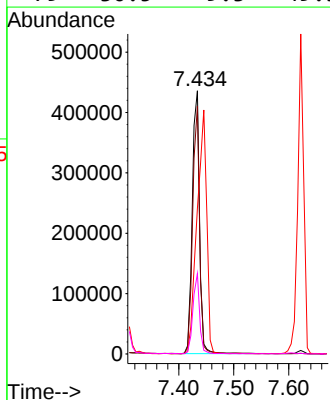
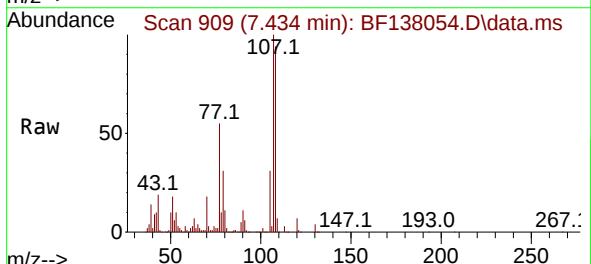
Manual Integrations
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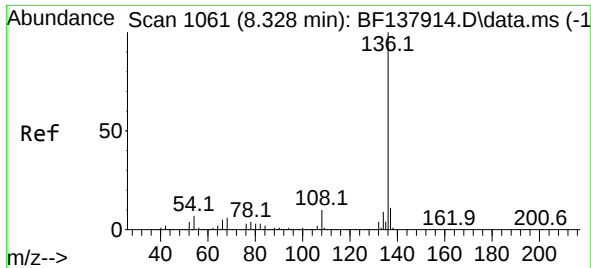
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#20
3+4-Methylphenols
Concen: 39.868 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Tgt Ion:107 Resp: 396115
Ion Ratio Lower Upper
107 100
108 94.2 70.8 110.8
77 55.3 20.2 60.2
79 30.5 9.3 49.3





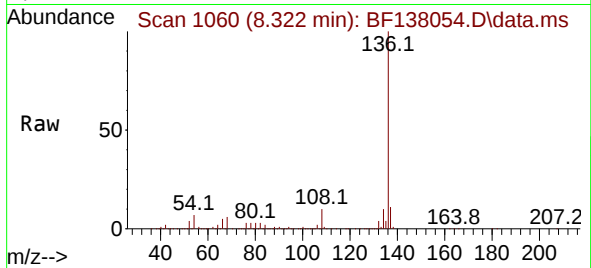
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

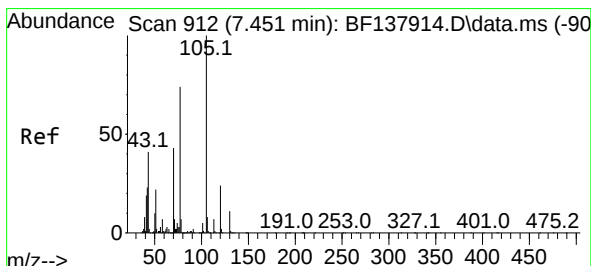
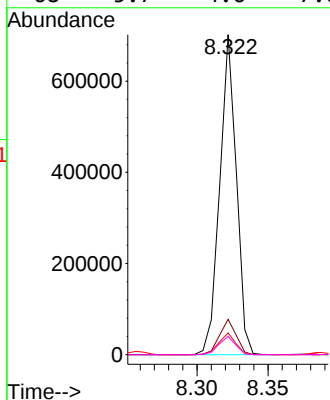
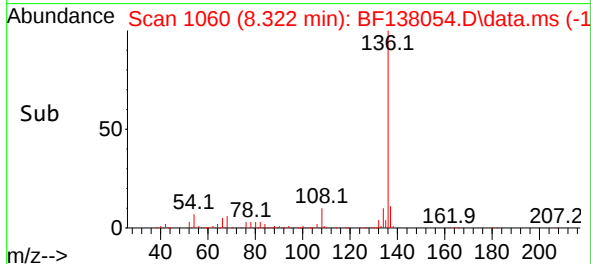


Tgt Ion:136 Resp: 56974
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.8 5.4 8.2
68 5.7 4.6 7.0

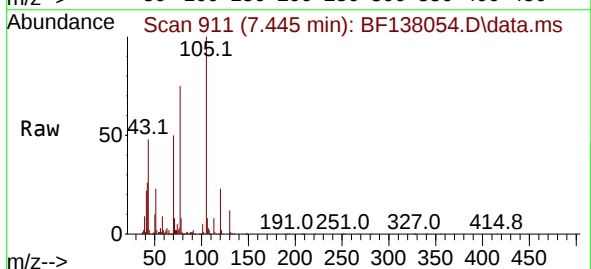
Manual Integrations

APPROVED

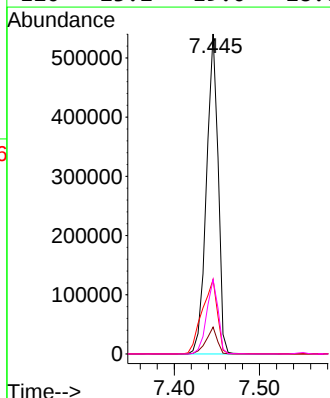
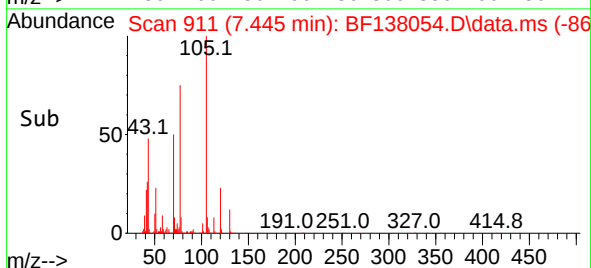
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

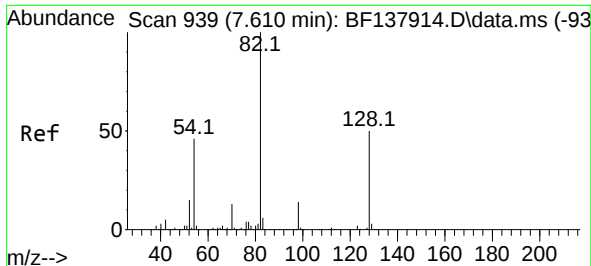


#22
Acetophenone
Concen: 40.099 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55



Tgt Ion:105 Resp: 511798
Ion Ratio Lower Upper
105 100
71 8.4 5.7 8.5
51 23.3 17.8 26.8
120 23.2 19.0 28.6





#23

Nitrobenzene-d5

Concen: 80.349 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

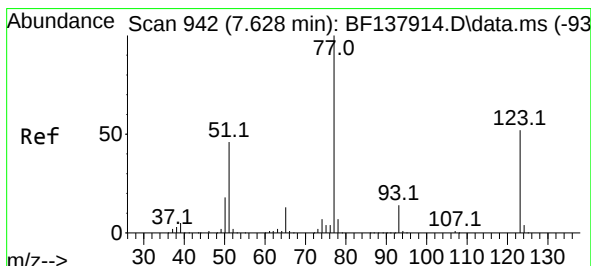
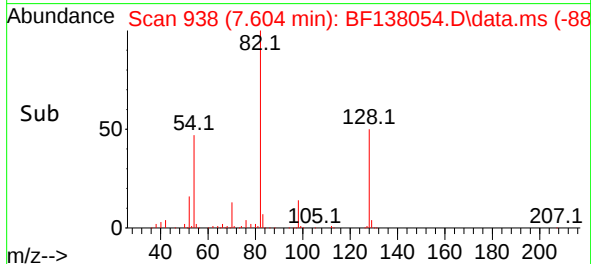
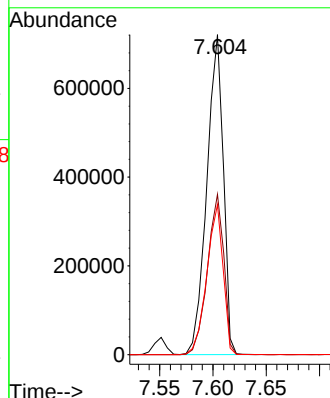
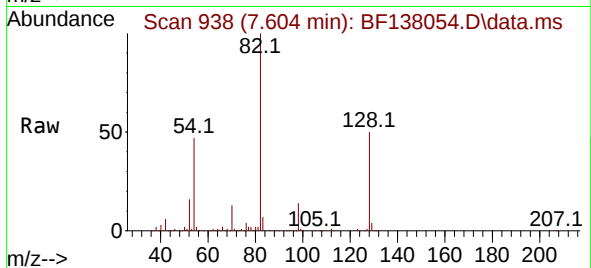
SSTDCCC040

Tgt Ion: 82 Resp: 777874
 Ion Ratio Lower Upper
 82 100
 128 50.1 40.3 60.5
 54 46.9 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024



#24

Nitrobenzene

Concen: 40.617 ng

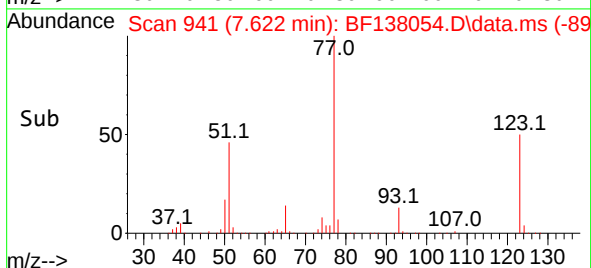
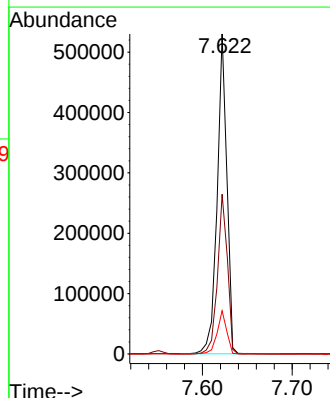
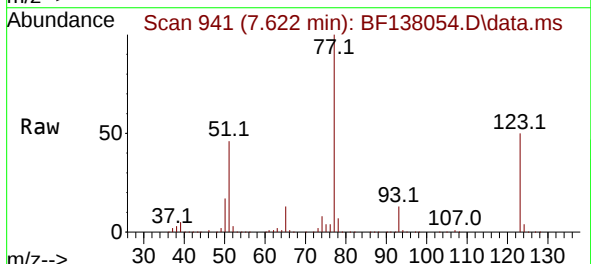
RT: 7.622 min Scan# 941

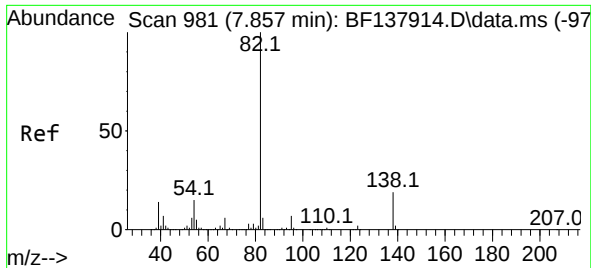
Delta R.T. -0.006 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

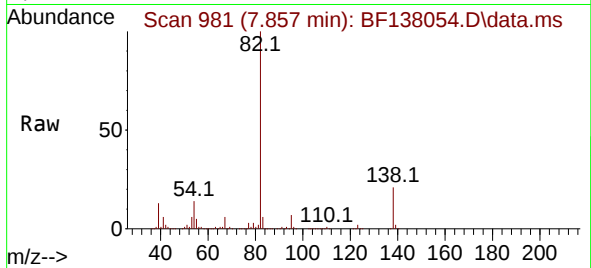
Tgt Ion: 77 Resp: 398910
 Ion Ratio Lower Upper
 77 100
 123 49.9 41.4 62.2
 65 13.5 10.5 15.7





#25
Isophorone
Concen: 40.701 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

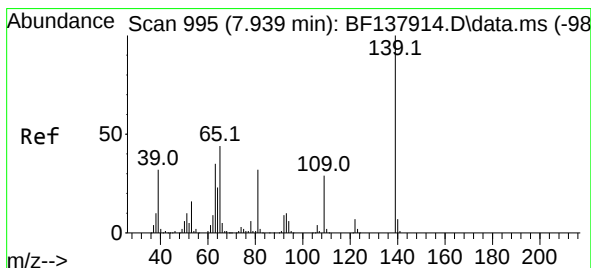
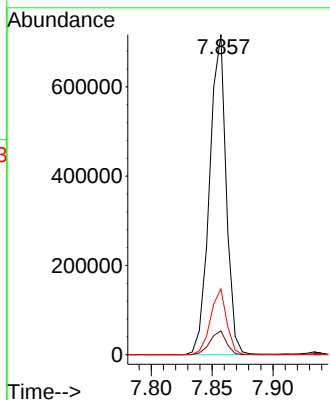
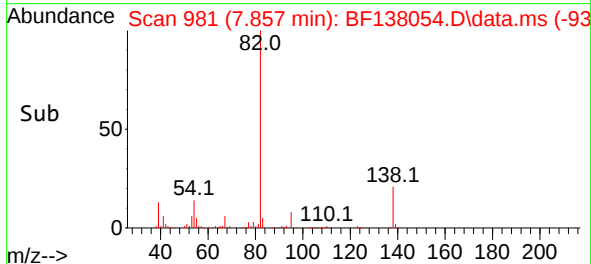
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 683880
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.6 15.0 22.4

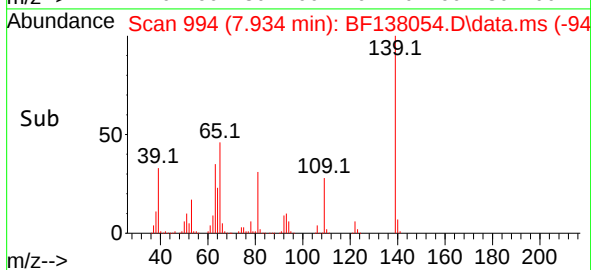
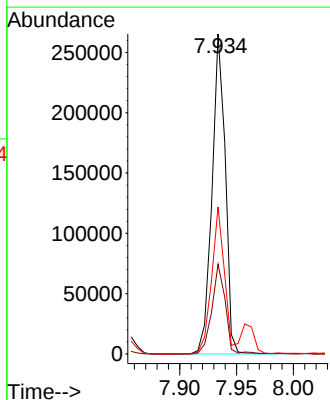
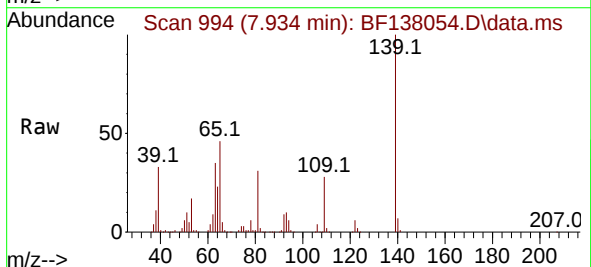
Manual Integrations
APPROVED

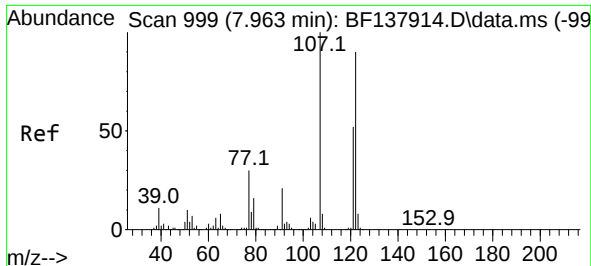
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#26
2-Nitrophenol
Concen: 43.467 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Tgt Ion:139 Resp: 214504
Ion Ratio Lower Upper
139 100
109 28.0 22.8 34.2
65 45.9 35.2 52.8





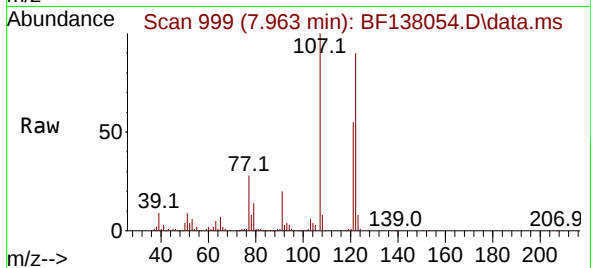
#27
2,4-Dimethylphenol
Concen: 40.290 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

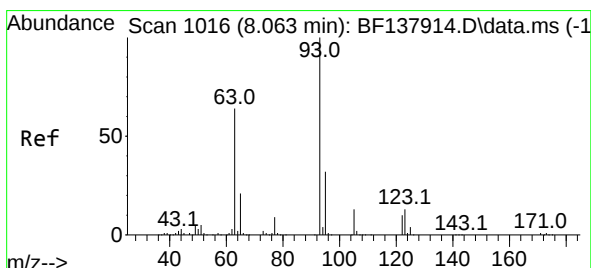
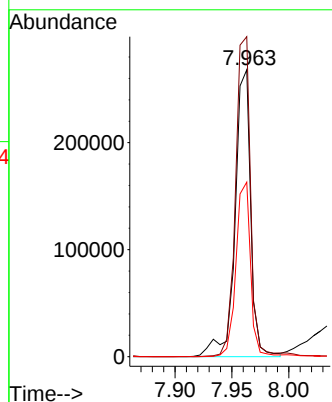
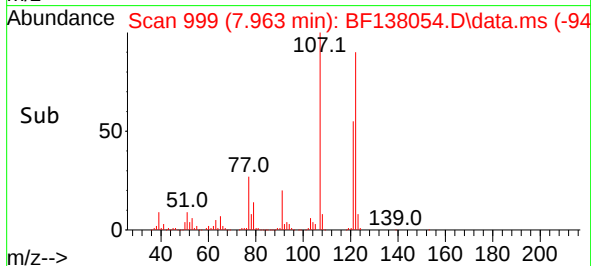


Tgt Ion:122 Resp: 255985
Ion Ratio Lower Upper
122 100
107 111.5 89.0 133.4
121 60.8 46.2 69.4

Manual Integrations

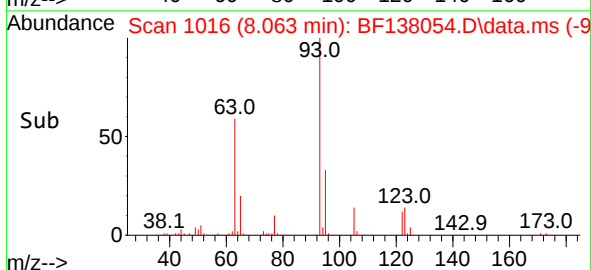
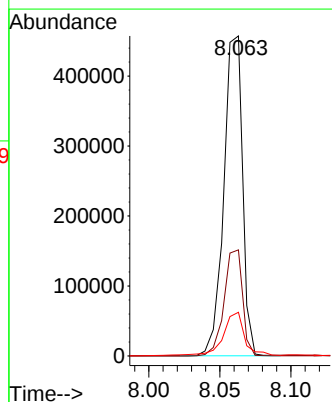
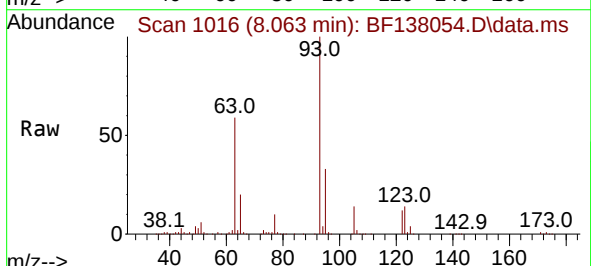
APPROVED

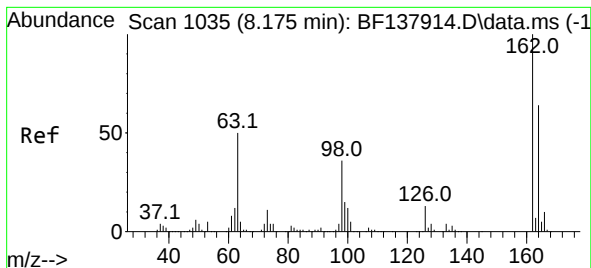
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.151 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Tgt Ion: 93 Resp: 419057
Ion Ratio Lower Upper
93 100
95 33.1 25.9 38.9
123 13.7 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 41.232 ng

RT: 8.175 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

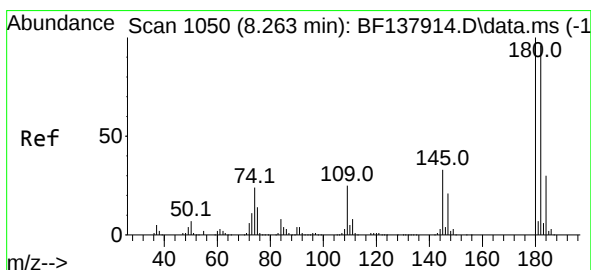
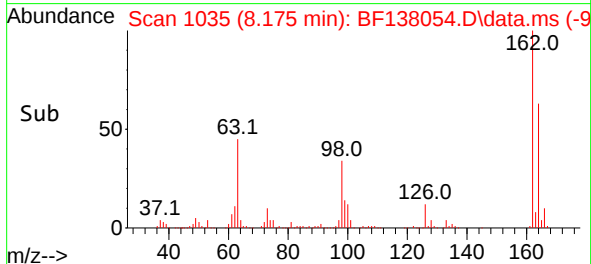
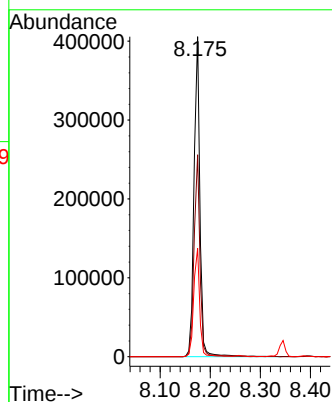
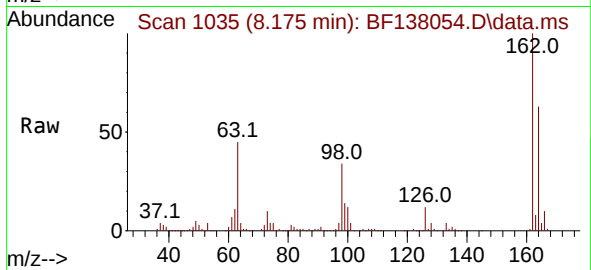
SSTDCCC040

Tgt Ion:162 Resp: 329425
 Ion Ratio Lower Upper
 162 100
 164 63.1 44.3 84.3
 98 33.8 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.298 ng

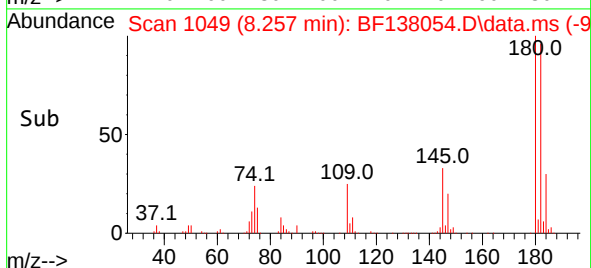
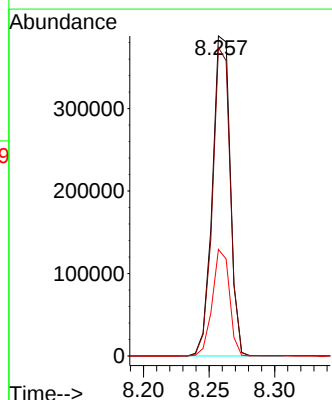
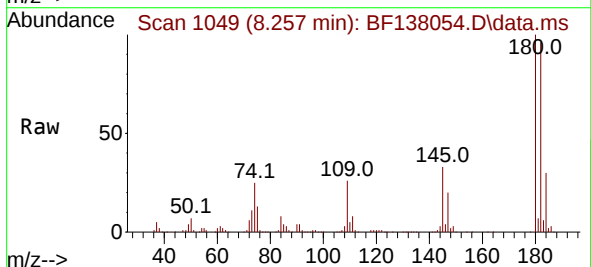
RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

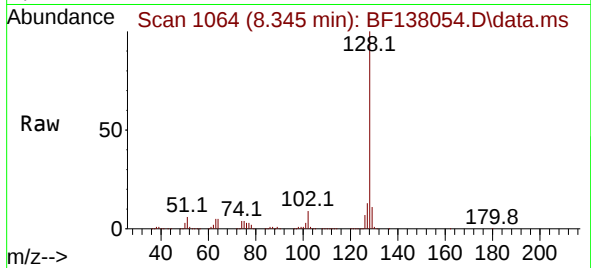
Tgt Ion:180 Resp: 368398
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.5 114.7
 145 33.3 26.2 39.2





#31
Naphthalene
Concen: 40.161 ng
RT: 8.345 min Scan# 1065
Delta R.T. -0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

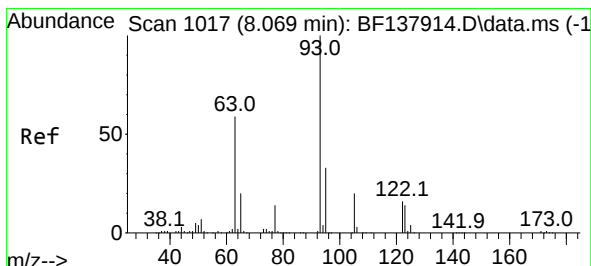
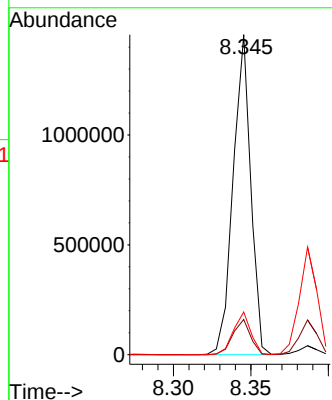
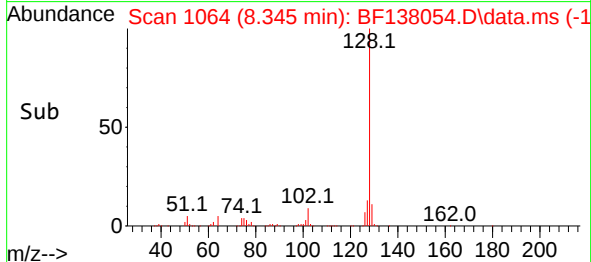
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 115049
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.6 16.0

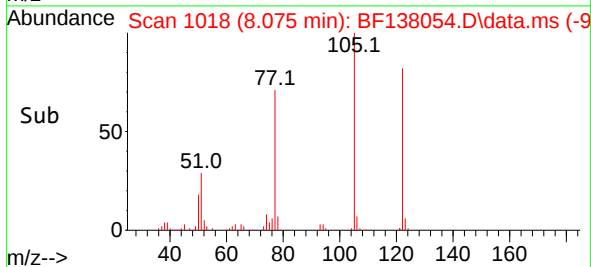
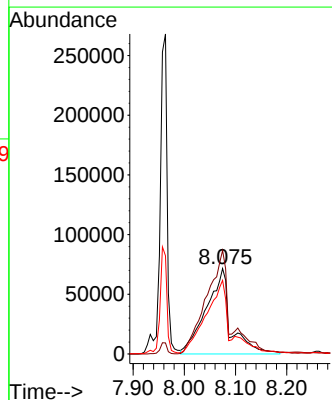
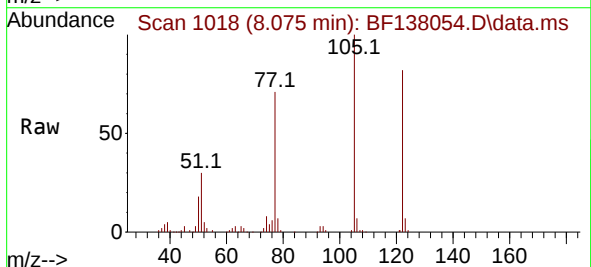
Manual Integrations
APPROVED

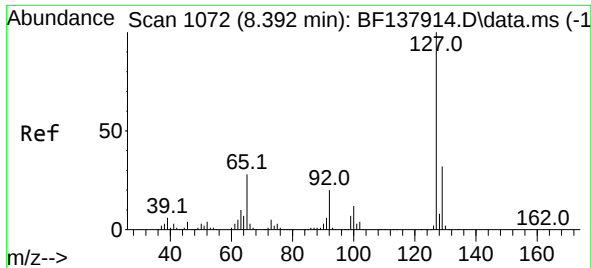
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#32
Benzoic acid
Concen: 44.300 ng m
RT: 8.075 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Tgt Ion:122 Resp: 237929
Ion Ratio Lower Upper
122 100
105 121.3 103.8 143.8
77 86.2 68.4 108.4





#33
4-Chloroaniline
Concen: 43.060 ng
RT: 8.387 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

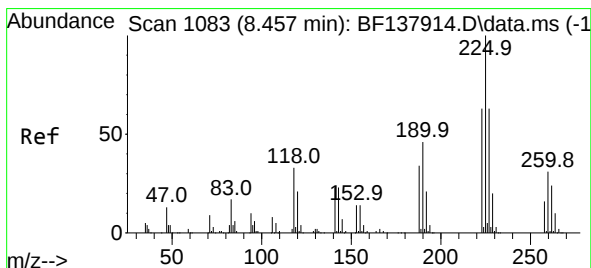
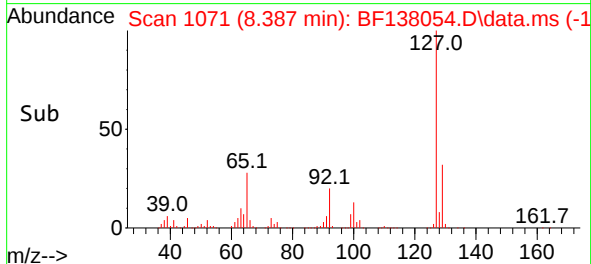
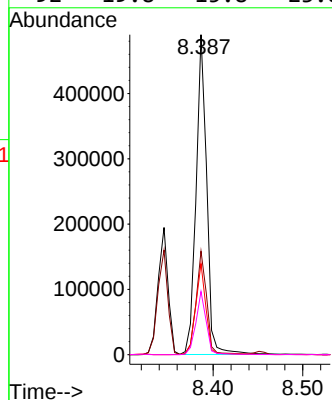
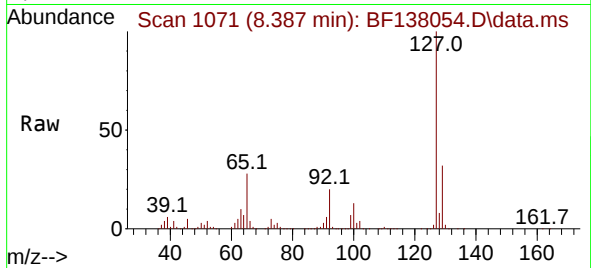
SSTDCCC040

Tgt Ion:127 Resp: 404380
Ion Ratio Lower Upper
127 100
129 32.3 25.4 38.2
65 28.5 22.0 33.0
92 19.8 15.8 23.8

Manual Integrations

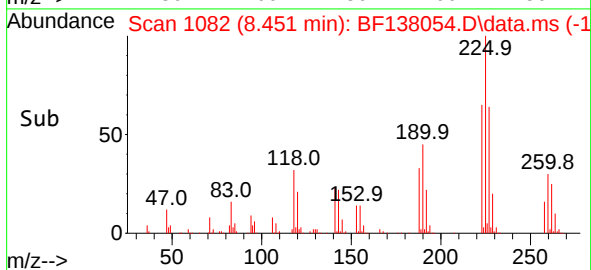
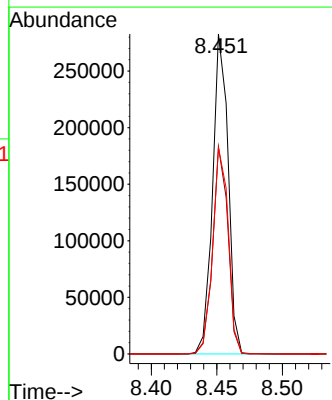
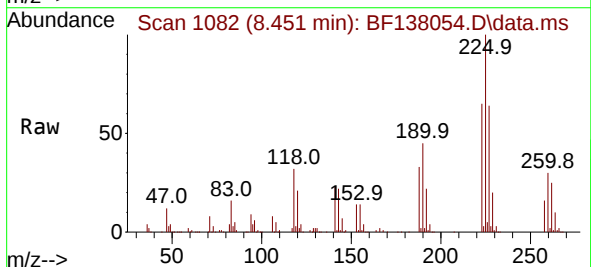
APPROVED

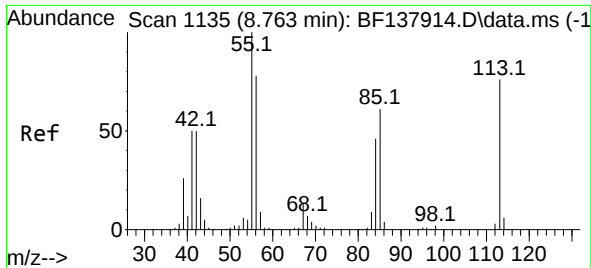
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#34
Hexachlorobutadiene
Concen: 41.191 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Tgt Ion:225 Resp: 232574
Ion Ratio Lower Upper
225 100
223 64.8 50.0 75.0
227 64.4 50.2 75.4





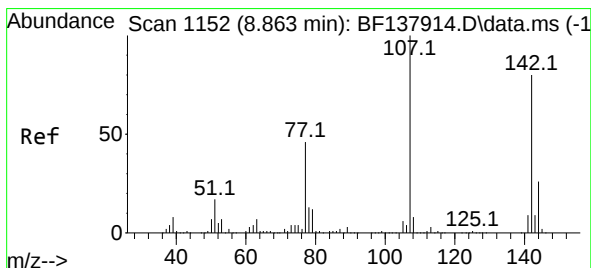
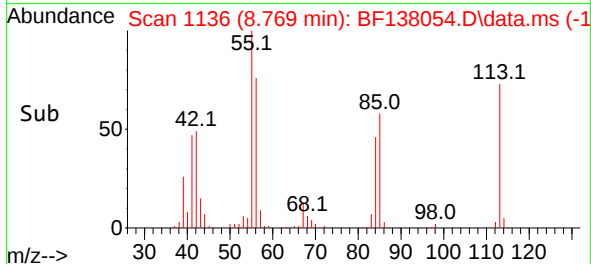
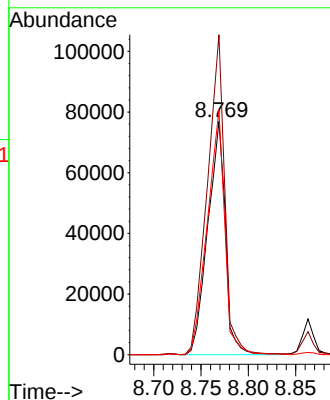
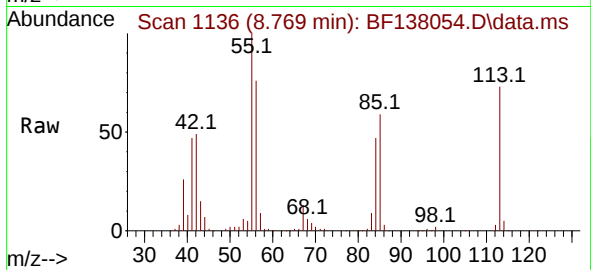
#35
Caprolactam
Concen: 42.980 ng
RT: 8.769 min Scan# 1135
Delta R.T. 0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 9948
Ion Ratio Lower Upper
113 100
55 137.2 112.3 152.3
56 104.8 82.7 122.7

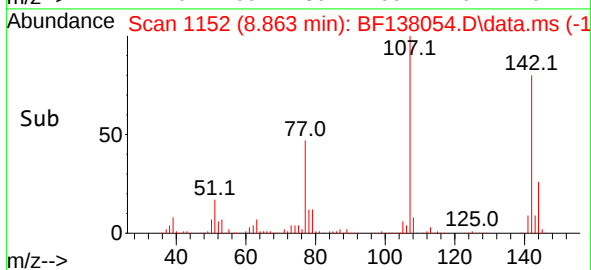
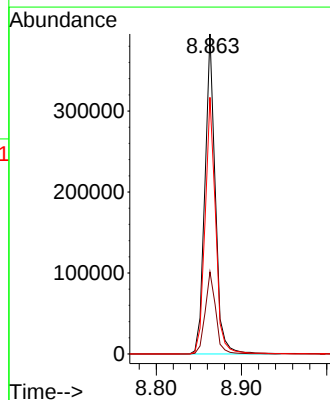
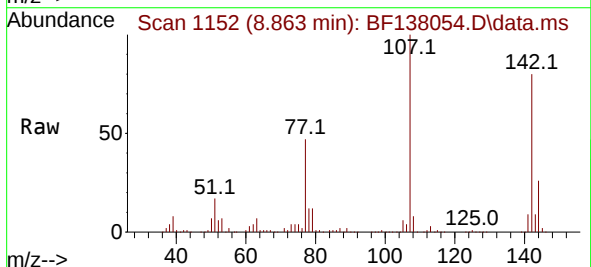
Manual Integrations
APPROVED

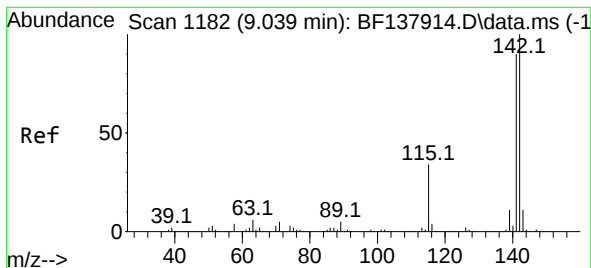
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#36
4-Chloro-3-methylphenol
Concen: 41.173 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Tgt Ion:107 Resp: 334629
Ion Ratio Lower Upper
107 100
144 25.7 20.7 31.1
142 80.2 64.0 96.0





#37
2-Methylnaphthalene
Concen: 40.953 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

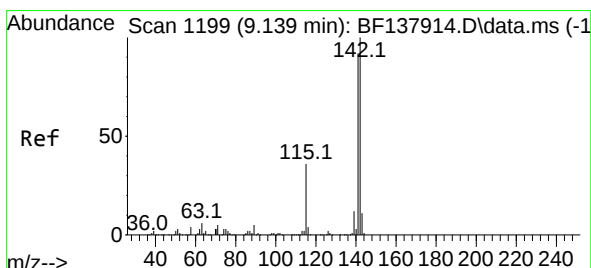
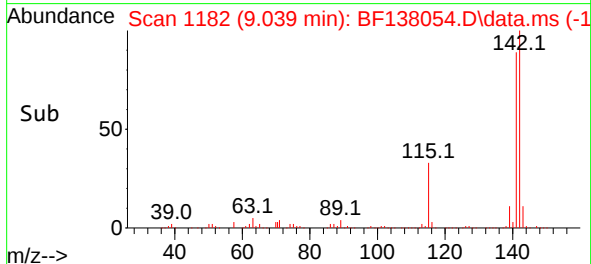
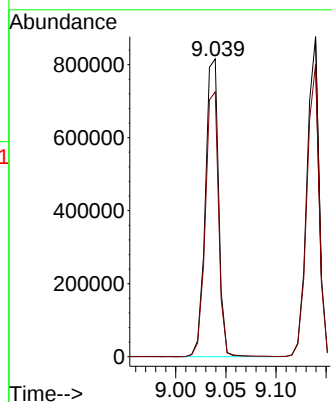
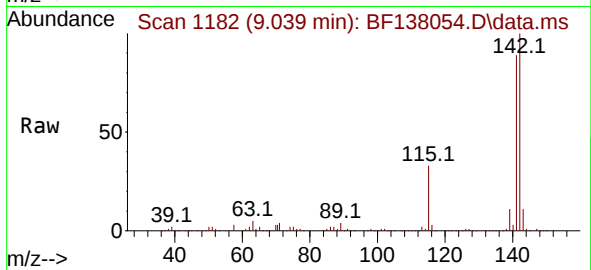
SSTDCCC040

Tgt Ion:142 Resp: 75410
Ion Ratio Lower Upper
142 100
141 88.9 72.0 108.0

Manual Integrations

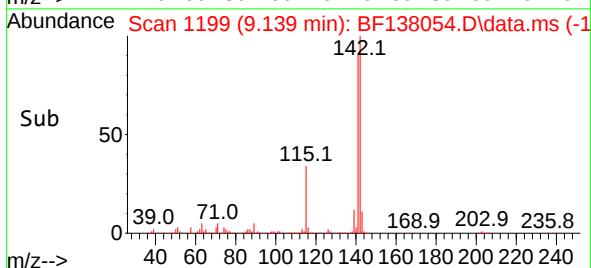
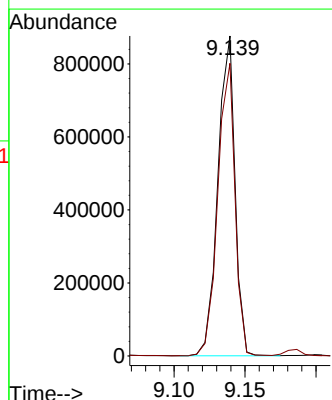
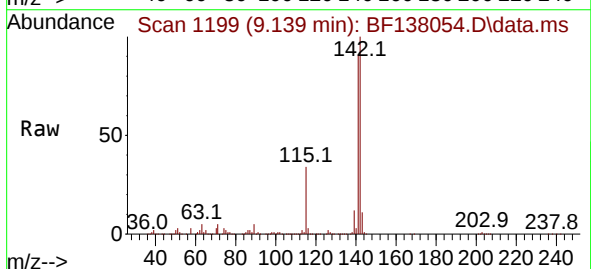
APPROVED

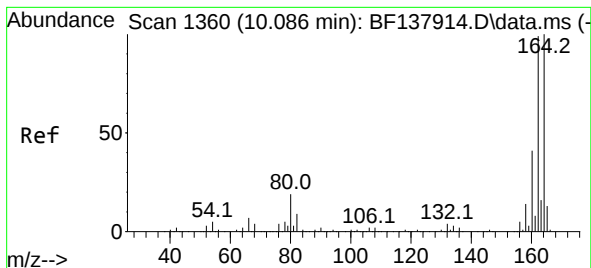
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#38
1-Methylnaphthalene
Concen: 40.509 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Tgt Ion:142 Resp: 733327
Ion Ratio Lower Upper
142 100
141 91.4 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: BF138054.D

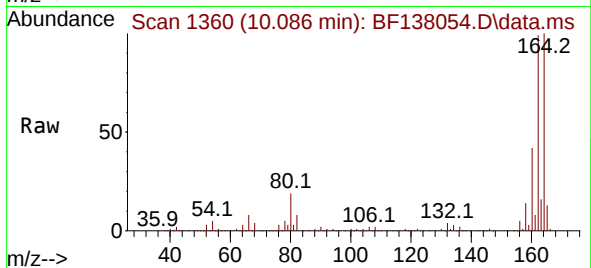
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 32154

Ion Ratio Lower Upper

164 100

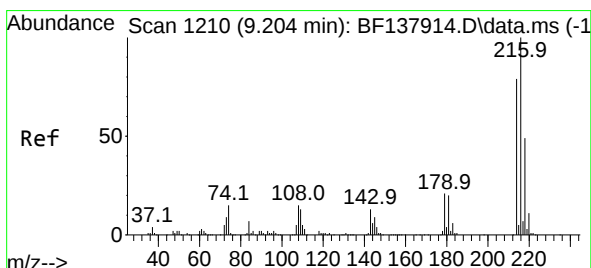
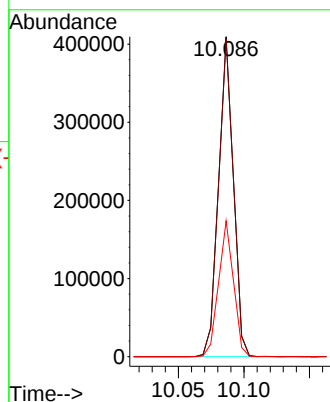
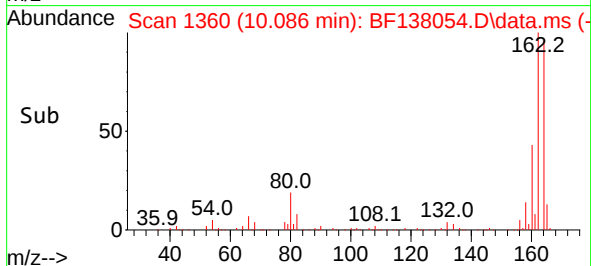
162 99.4 79.4 119.2

160 42.4 33.1 49.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.419 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

Tgt Ion:216 Resp: 362067

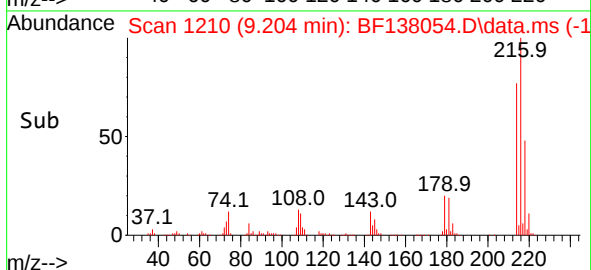
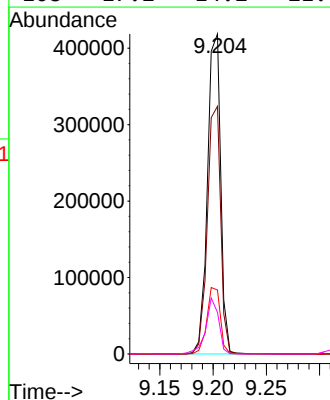
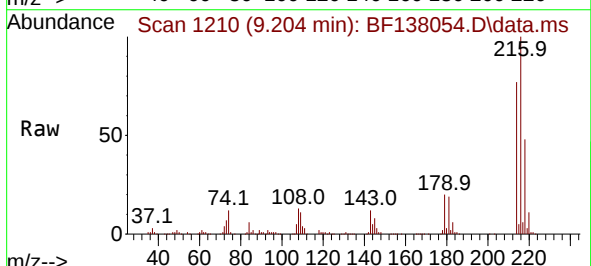
Ion Ratio Lower Upper

216 100

214 78.2 63.4 95.2

179 21.0 17.0 25.4

108 17.2 14.2 21.4





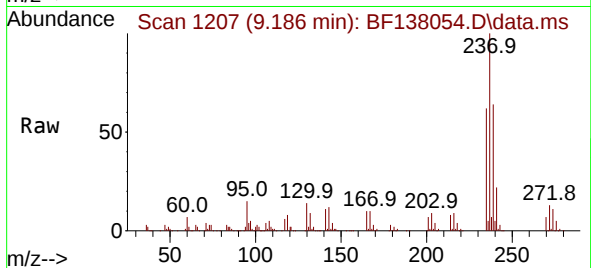
#41
Hexachlorocyclopentadiene
Concen: 39.285 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

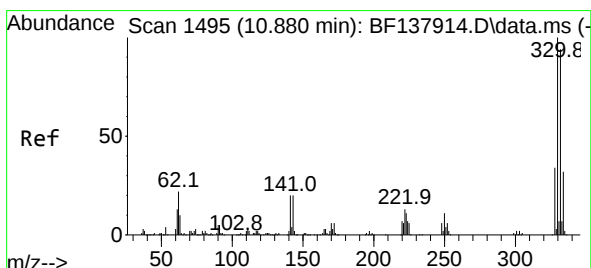
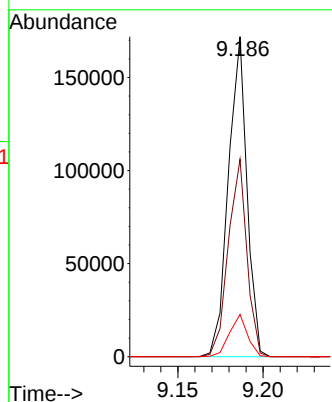
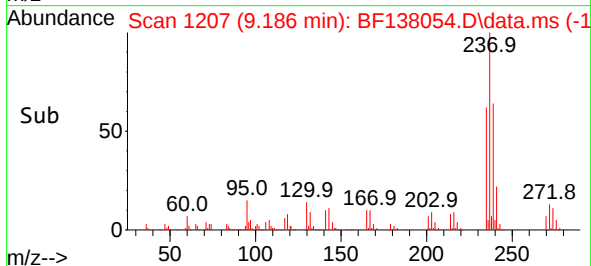


Tgt Ion:237 Resp: 130480
Ion Ratio Lower Upper
237 100
235 61.7 42.8 82.8
272 13.2 0.0 32.0

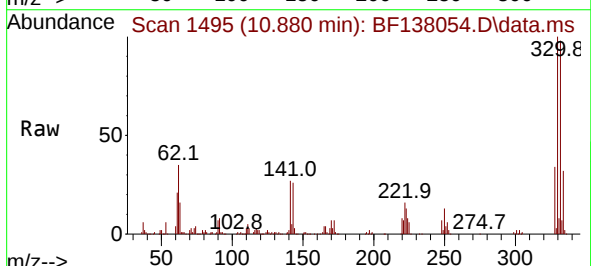
Manual Integrations

APPROVED

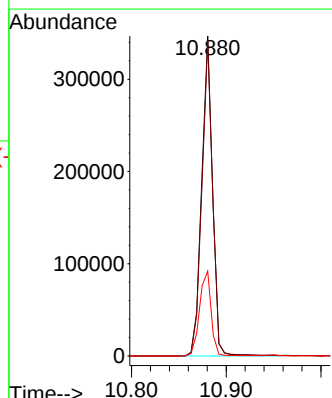
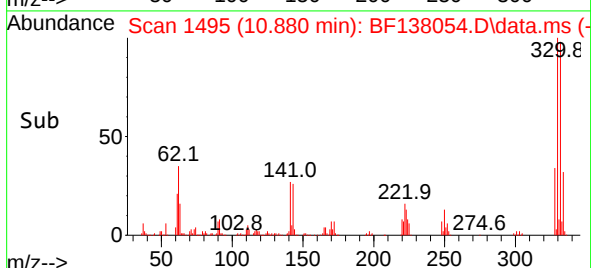
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

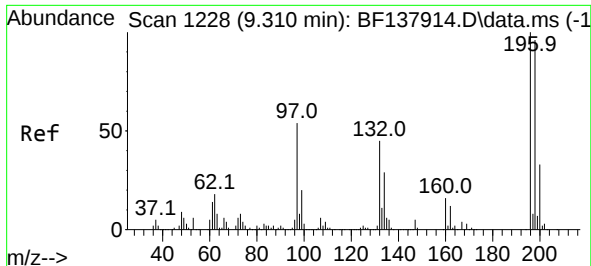


#42
2,4,6-Tribromophenol
Concen: 85.180 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55



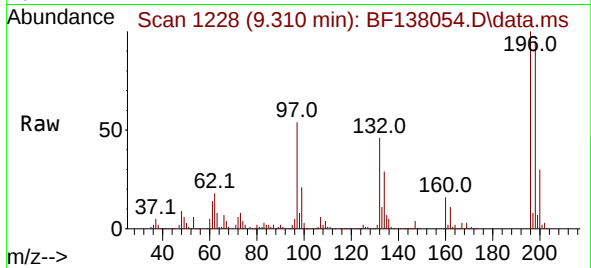
Tgt Ion:330 Resp: 276163
Ion Ratio Lower Upper
330 100
332 97.6 75.8 113.8
141 28.4 23.8 35.6





#43
2,4,6-Trichlorophenol
Concen: 41.557 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

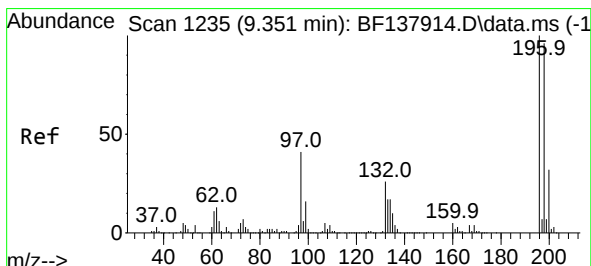
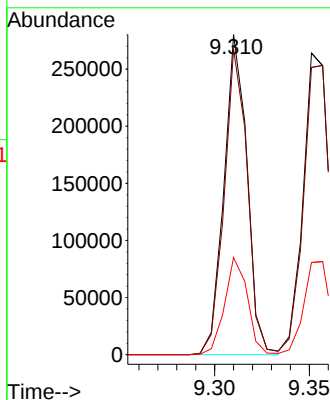
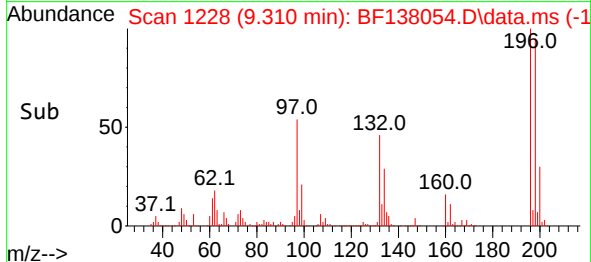
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



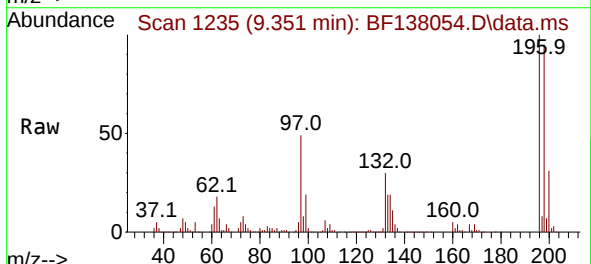
Tgt Ion:196 Resp: 23818
Ion Ratio Lower Upper
196 100
198 95.4 77.0 115.4
200 30.4 26.2 39.2

Manual Integrations
APPROVED

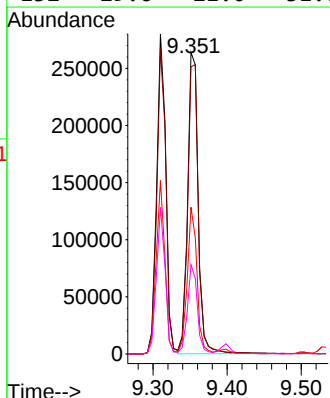
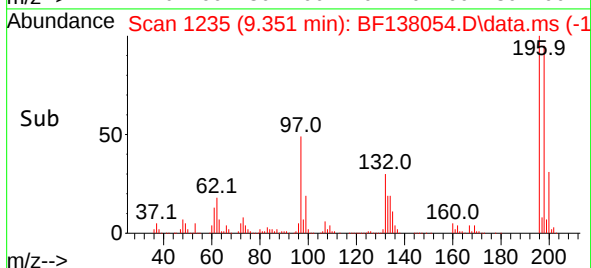
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

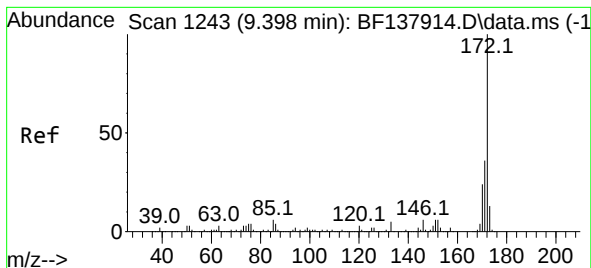


#44
2,4,5-Trichlorophenol
Concen: 41.829 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55



Tgt Ion:196 Resp: 262325
Ion Ratio Lower Upper
196 100
198 95.2 77.4 116.0
97 48.6 32.9 49.3
132 29.6 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 79.382 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1657030

Ion Ratio Lower Upper

172 100

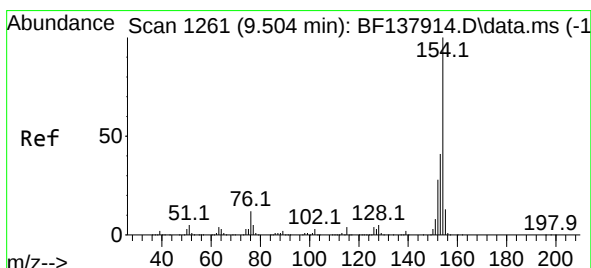
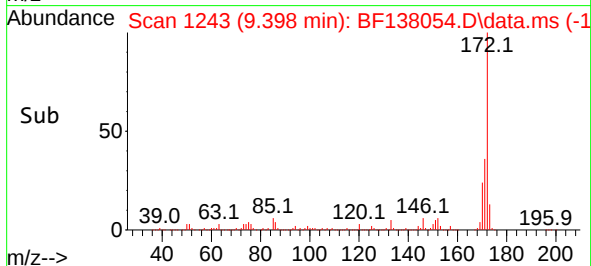
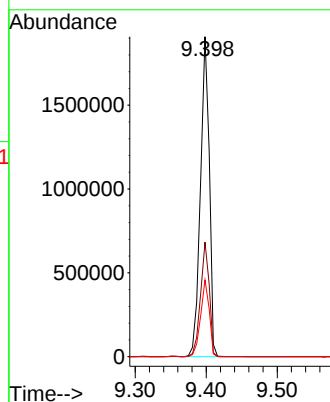
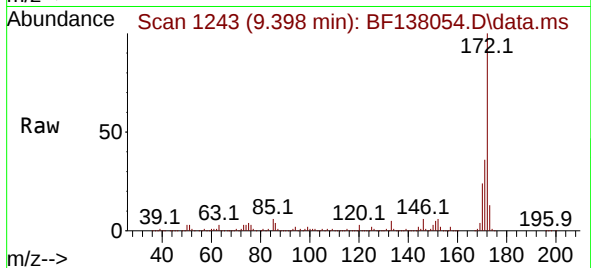
171 35.8 28.9 43.3

170 23.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#46

1,1'-Biphenyl

Concen: 40.506 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

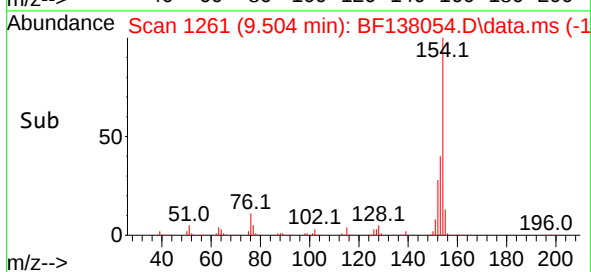
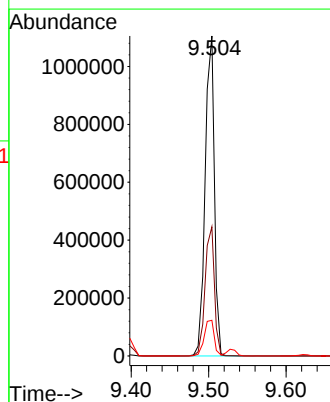
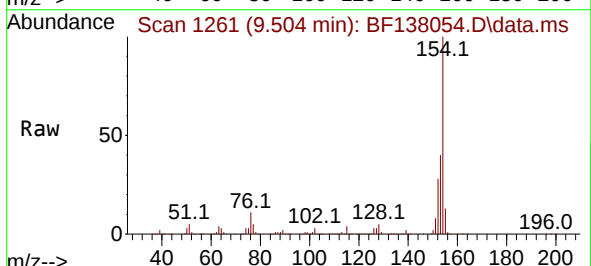
Tgt Ion:154 Resp: 913520

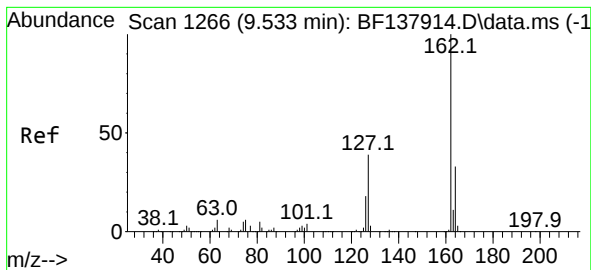
Ion Ratio Lower Upper

154 100

153 40.3 21.3 61.3

76 11.1 0.0 31.9





#47
2-Chloronaphthalene
Concen: 40.339 ng
RT: 9.534 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

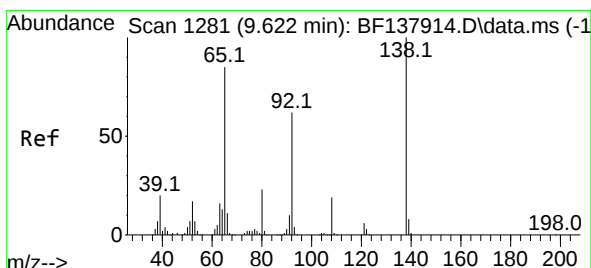
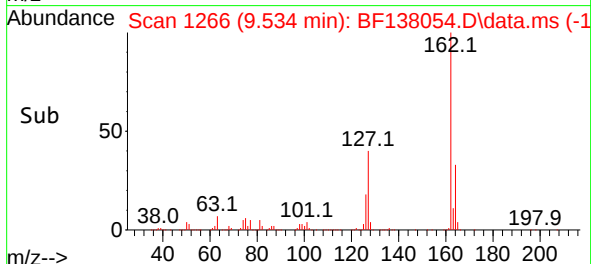
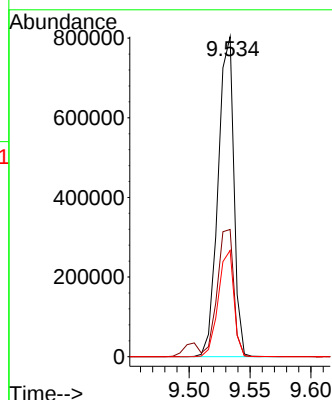
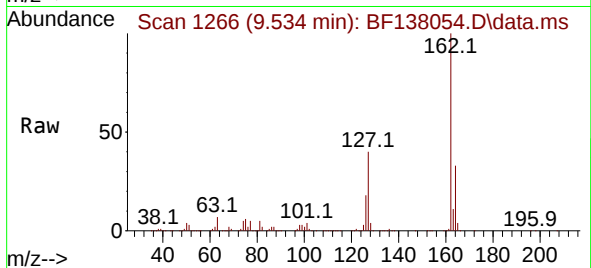
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 726222
Ion Ratio Lower Upper
162 100
127 39.7 32.0 48.0
164 33.2 26.2 39.4

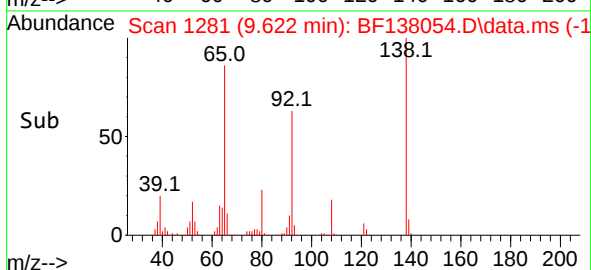
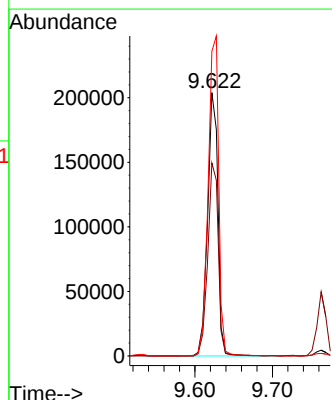
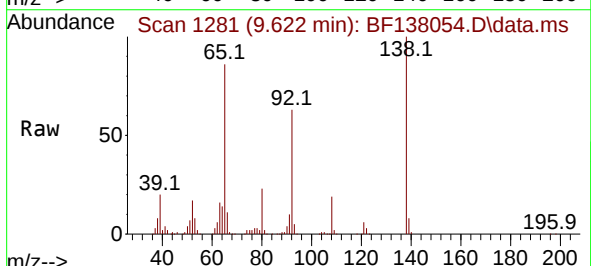
Manual Integrations
APPROVED

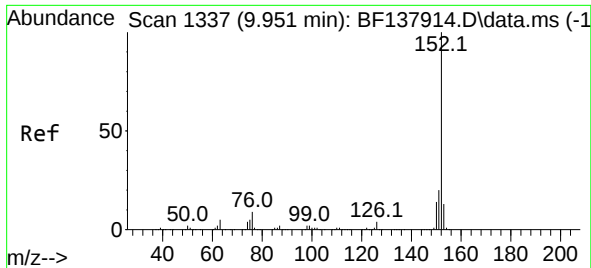
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#48
2-Nitroaniline
Concen: 41.013 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Tgt Ion: 65 Resp: 189073
Ion Ratio Lower Upper
65 100
92 73.3 58.6 88.0
138 115.7 94.1 141.1





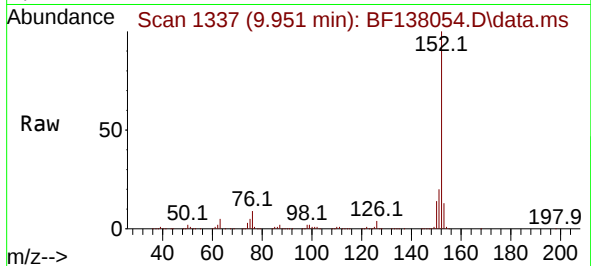
#49
Acenaphthylene
Concen: 40.632 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

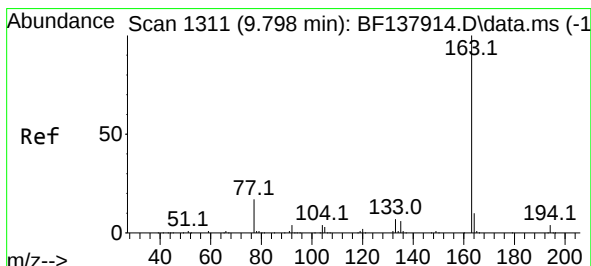
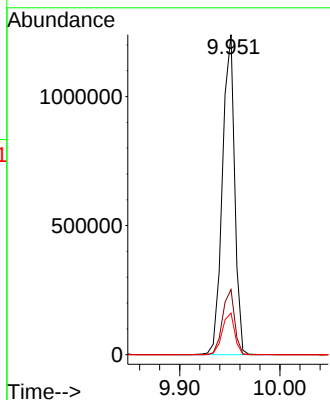
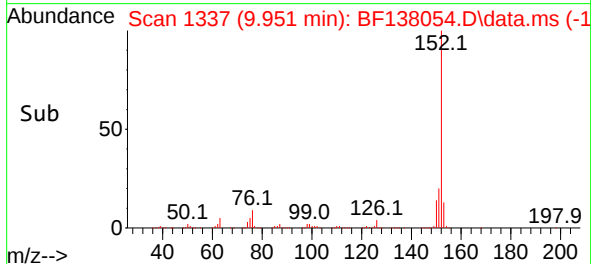


Tgt Ion:152 Resp: 105180
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.8
153 13.0 10.2 15.4

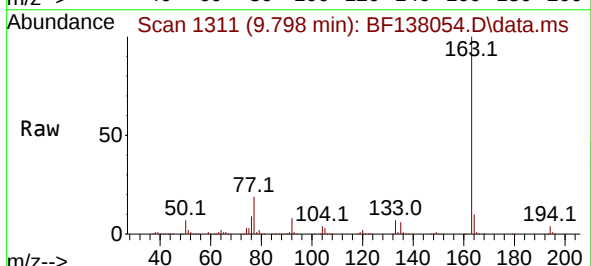
Manual Integrations

APPROVED

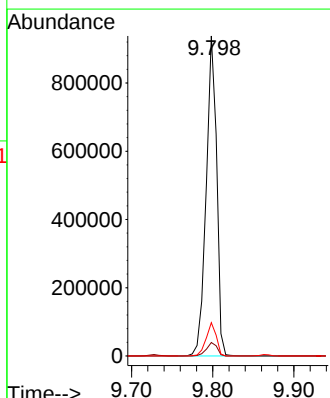
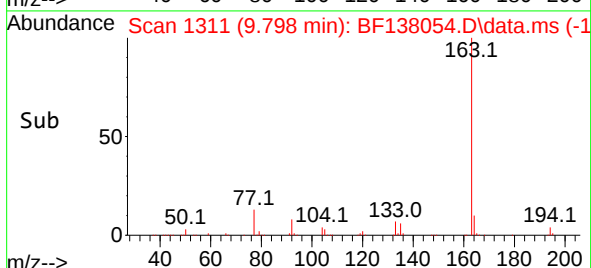
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

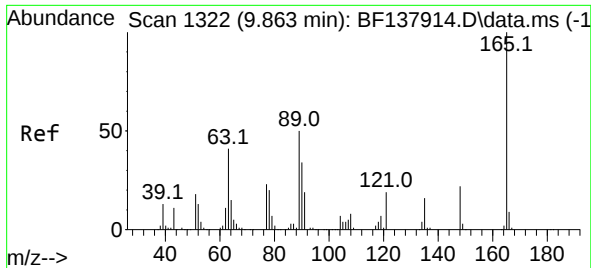


#50
Dimethylphthalate
Concen: 41.537 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55



Tgt Ion:163 Resp: 837517
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 42.902 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

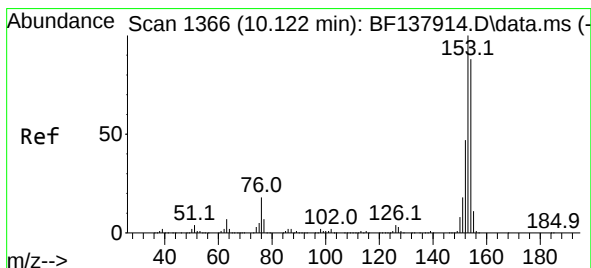
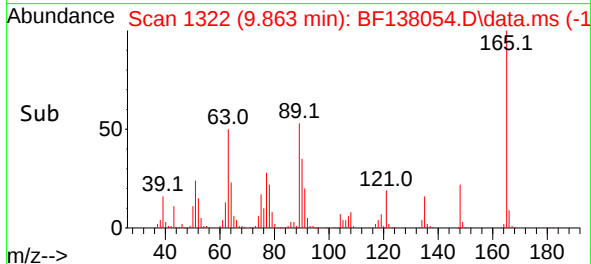
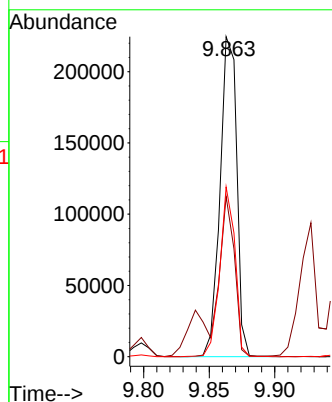
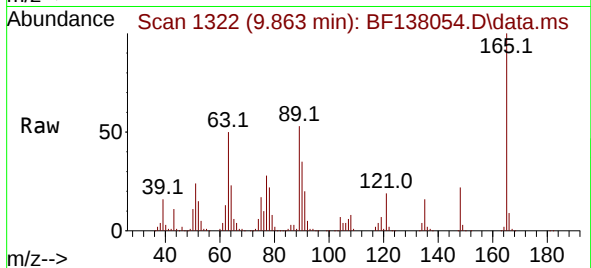
SSTDCCC040

Tgt Ion:165 Resp: 198539
Ion Ratio Lower Upper
165 100
63 50.1 38.9 58.3
89 53.1 40.4 60.6

Manual Integrations

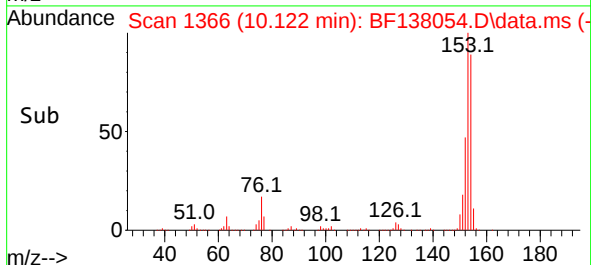
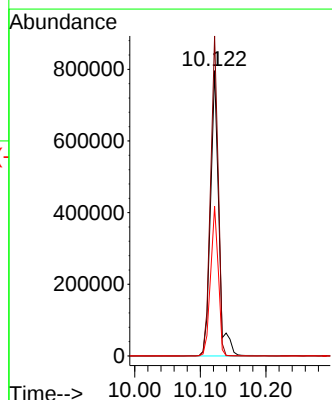
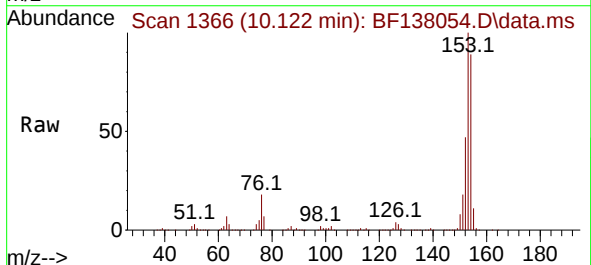
APPROVED

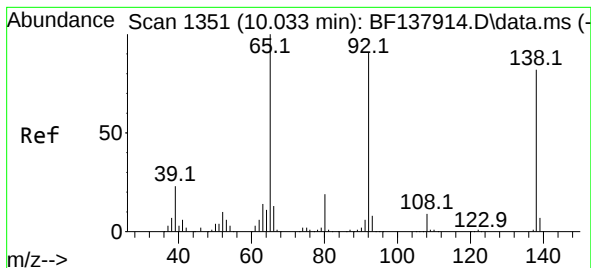
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#52
Acenaphthene
Concen: 41.042 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Tgt Ion:154 Resp: 702180
Ion Ratio Lower Upper
154 100
153 112.2 90.4 135.6
152 52.4 42.3 63.5





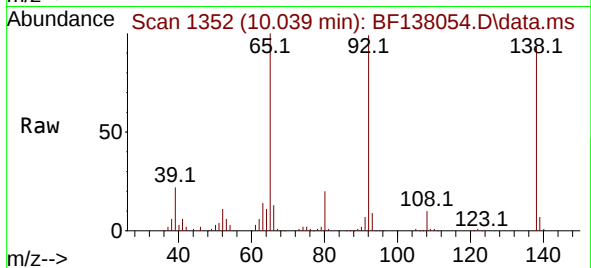
#53
3-Nitroaniline
Concen: 42.294 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

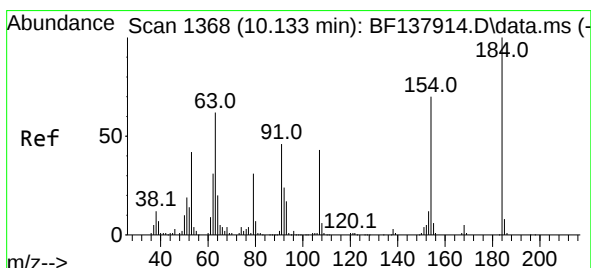
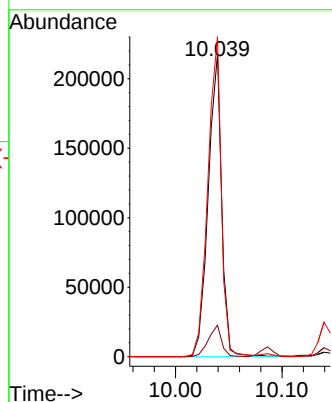
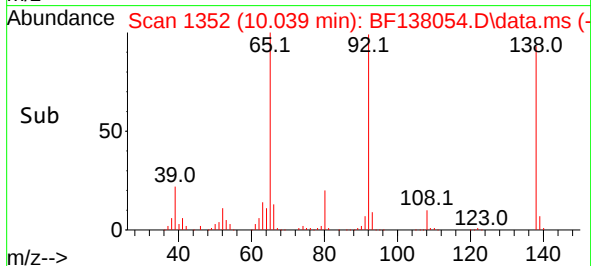


Tgt Ion:138 Resp: 19134
Ion Ratio Lower Upper
138 100
108 10.4 8.8 13.2
92 105.7 88.6 133.0

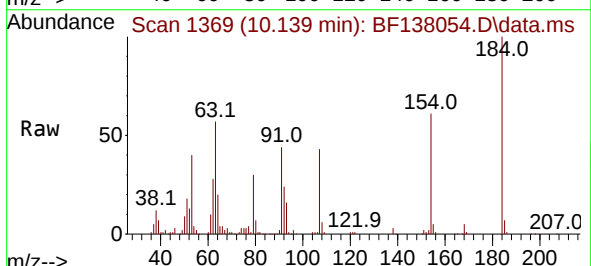
Manual Integrations

APPROVED

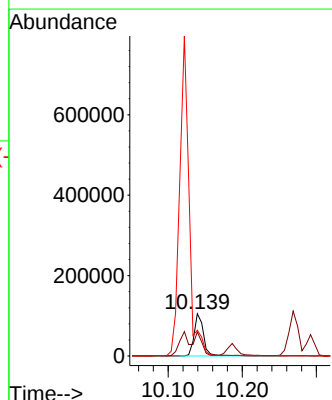
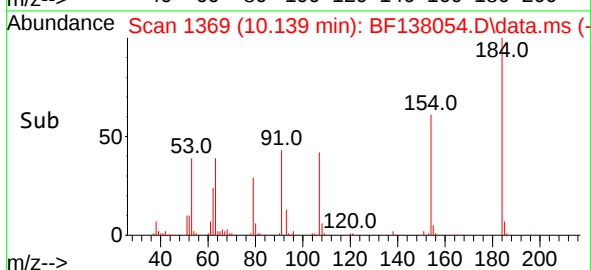
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

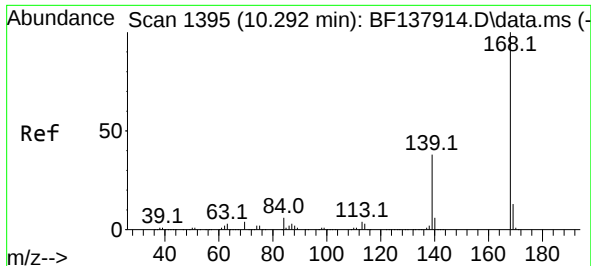


#54
2,4-Dinitrophenol
Concen: 41.233 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55



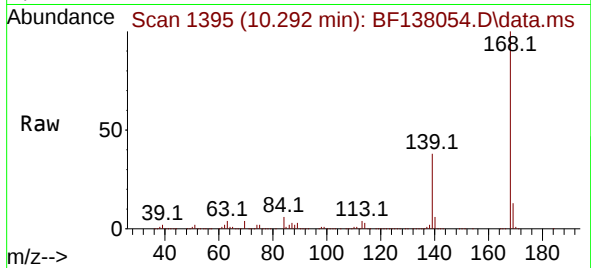
Tgt Ion:184 Resp: 93840
Ion Ratio Lower Upper
184 100
63 56.7 50.4 75.6
154 60.8 63.7 95.5#





#55
Dibenzofuran
Concen: 40.401 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

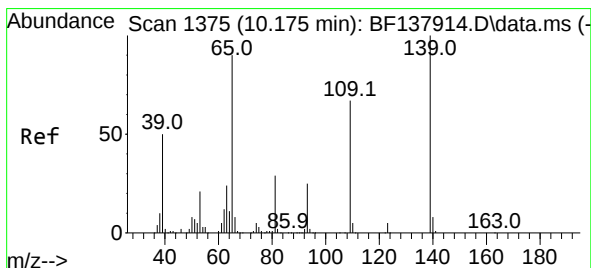
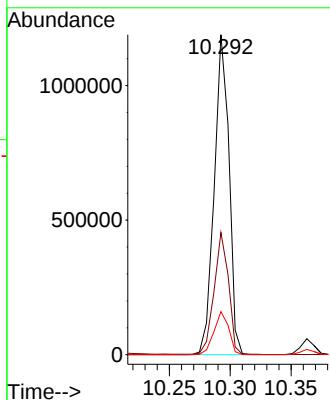
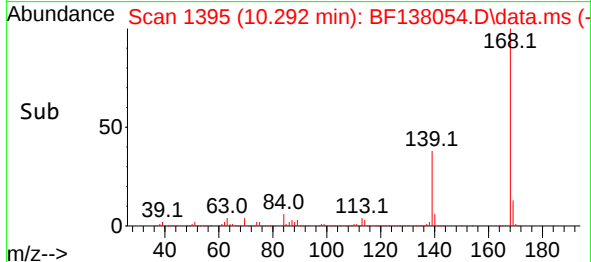
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



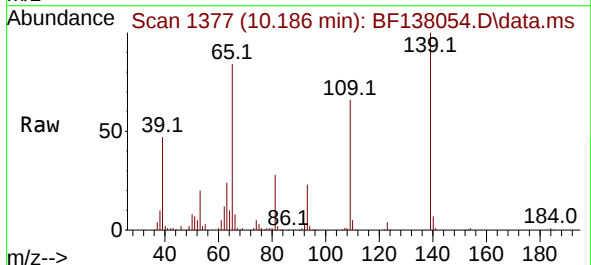
Tgt Ion:168 Resp: 100595
Ion Ratio Lower Upper
168 100
139 38.2 30.4 45.6
169 13.5 10.5 15.7

Manual Integrations
APPROVED

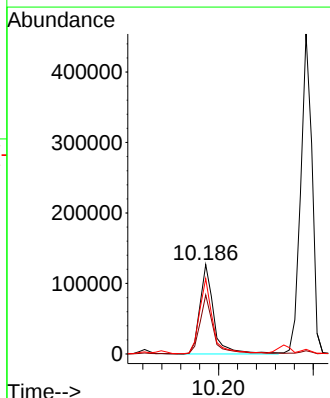
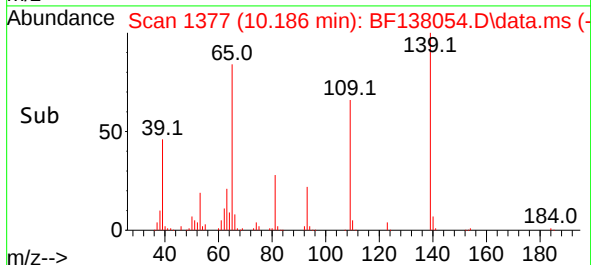
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

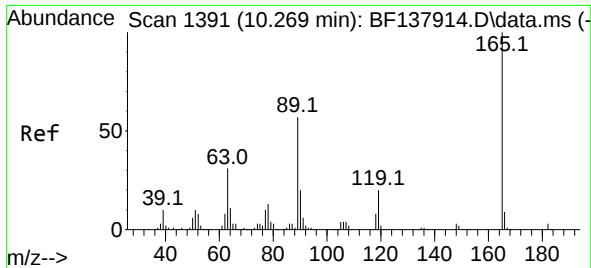


#56
4-Nitrophenol
Concen: 39.939 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55



Tgt Ion:139 Resp: 129775
Ion Ratio Lower Upper
139 100
109 66.0 46.5 86.5
65 84.3 70.4 110.4





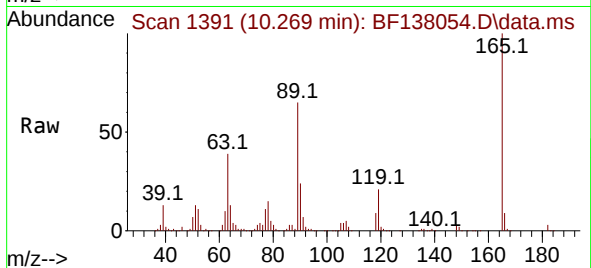
#57
2,4-Dinitrotoluene
Concen: 43.764 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

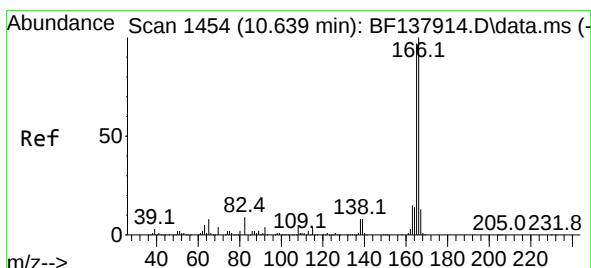
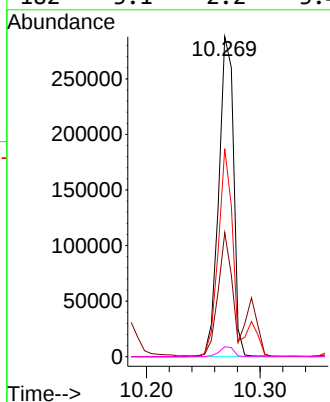
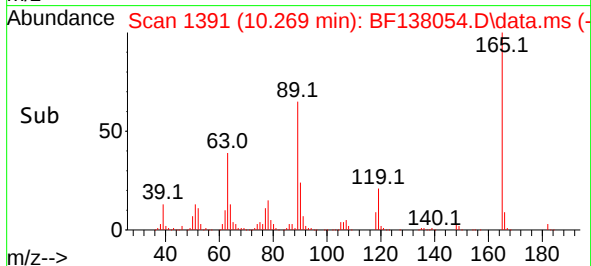


Tgt Ion:165 Resp: 261822
Ion Ratio Lower Upper
165 100
63 38.7 25.3 37.9
89 65.0 45.9 68.9
182 3.1 2.2 3.4

Manual Integrations

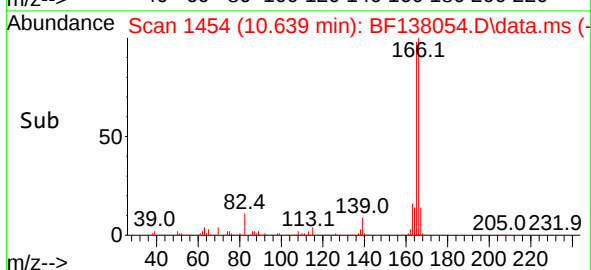
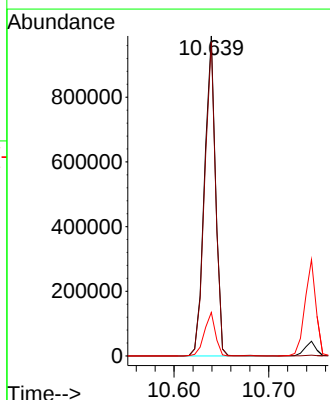
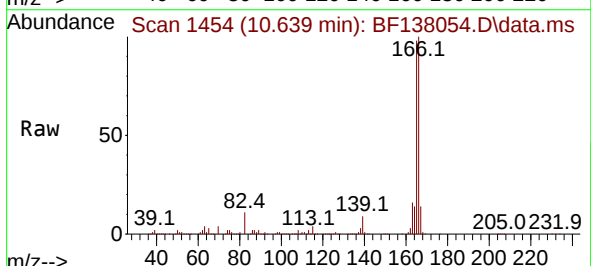
APPROVED

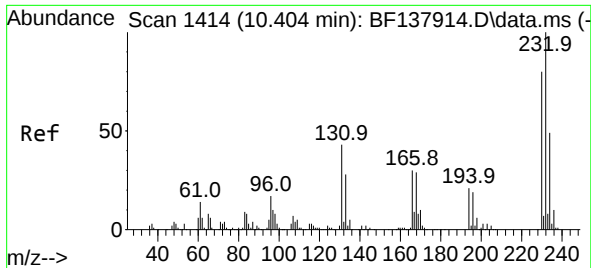
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#58
Fluorene
Concen: 40.687 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

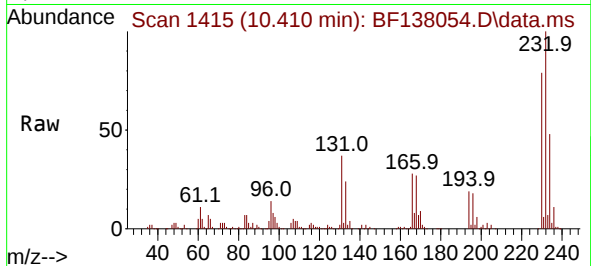
Tgt Ion:166 Resp: 801307
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.8
167 13.6 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.309 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

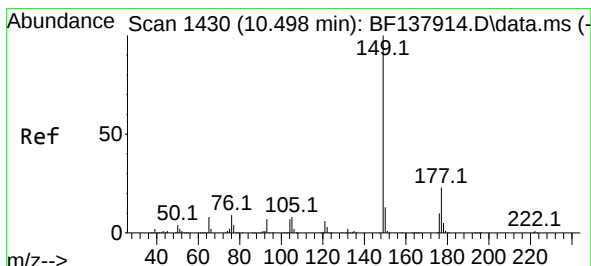
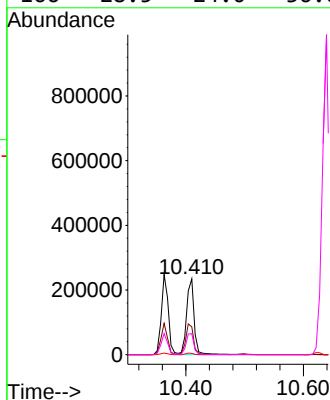
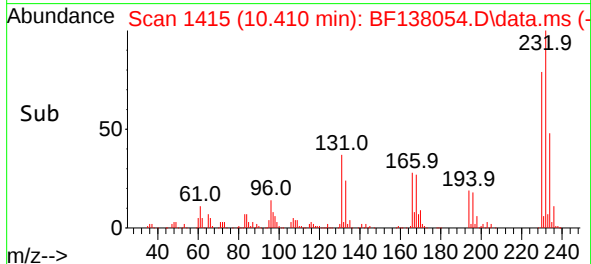
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



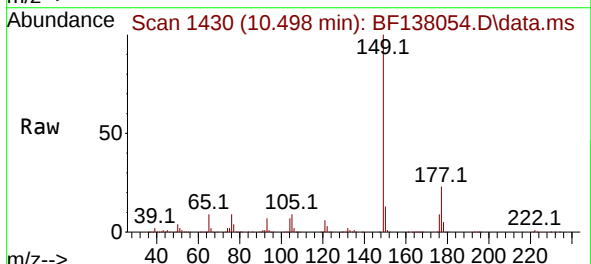
Tgt Ion:232 Resp: 208441
Ion Ratio Lower Upper
232 100
131 41.8 34.4 51.6
130 2.1 1.7 2.5
166 28.5 24.0 36.0

Manual Integrations
APPROVED

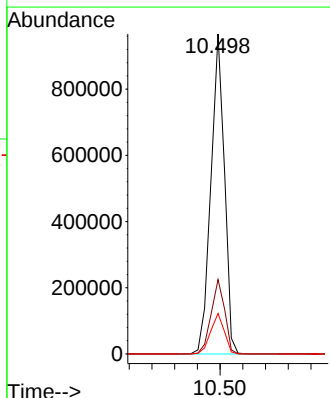
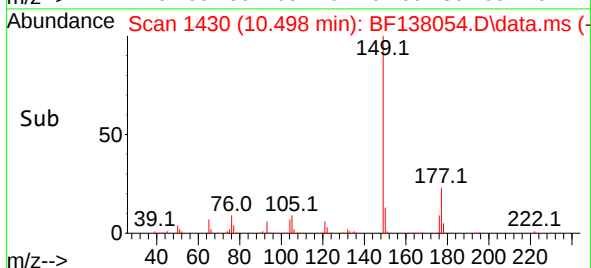
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

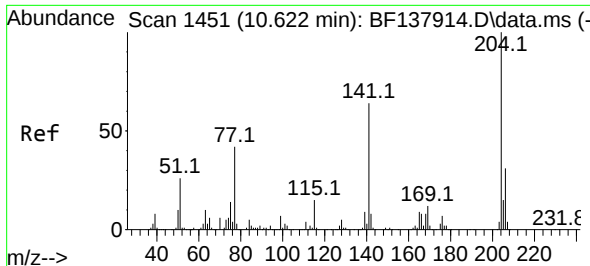


#60
Diethylphthalate
Concen: 42.370 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55



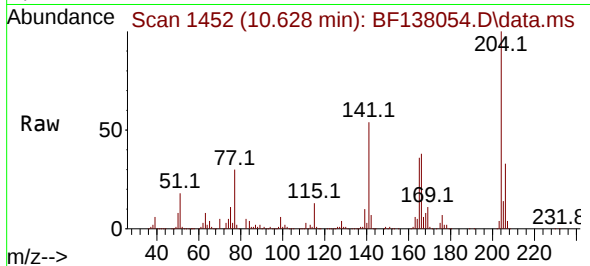
Tgt Ion:149 Resp: 797884
Ion Ratio Lower Upper
149 100
177 23.3 18.4 27.6
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.888 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

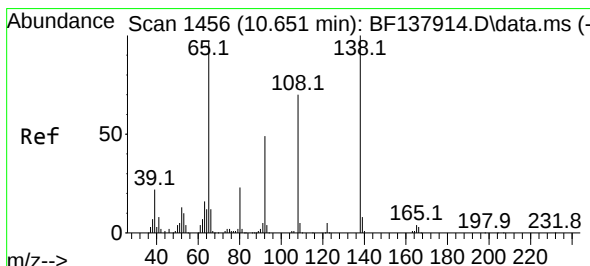
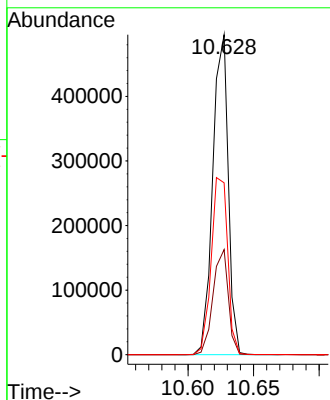
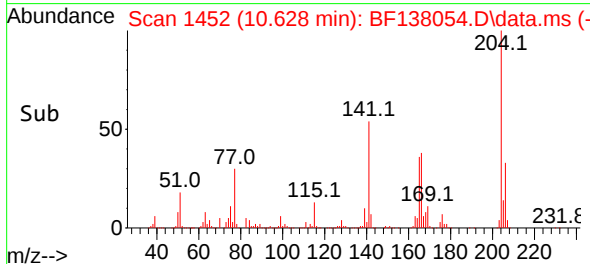
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 40683
Ion Ratio Lower Upper
204 100
206 32.9 25.1 37.7
141 53.7 51.0 76.6

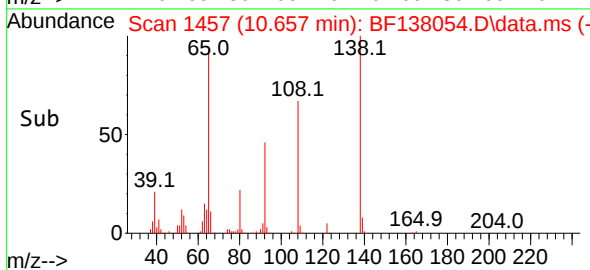
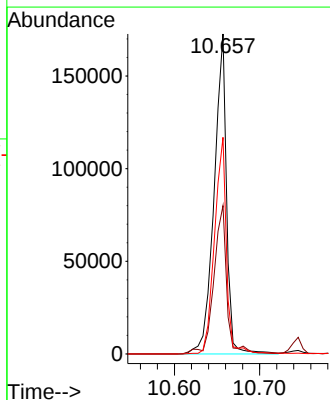
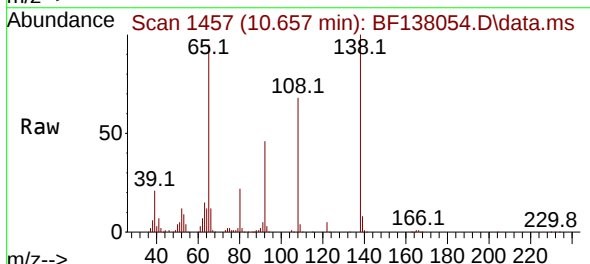
Manual Integrations
APPROVED

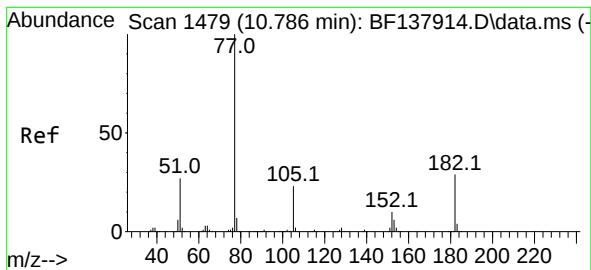
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#62
4-Nitroaniline
Concen: 40.911 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

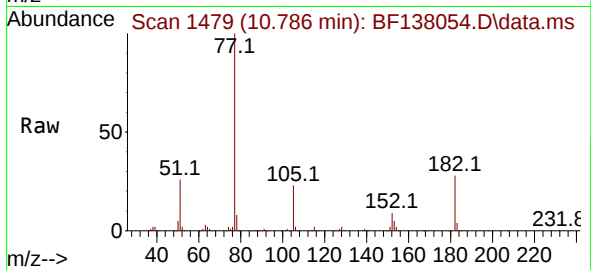
Tgt Ion:138 Resp: 175549
Ion Ratio Lower Upper
138 100
92 46.4 29.0 69.0
108 67.7 49.7 89.7





#63
Azobenzene
Concen: 40.596 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

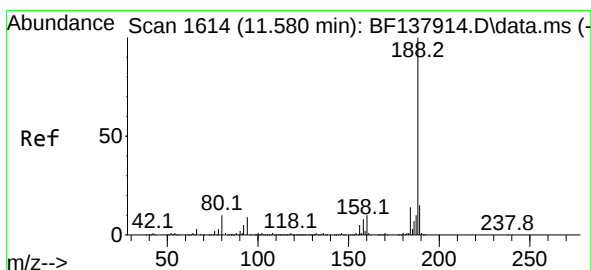
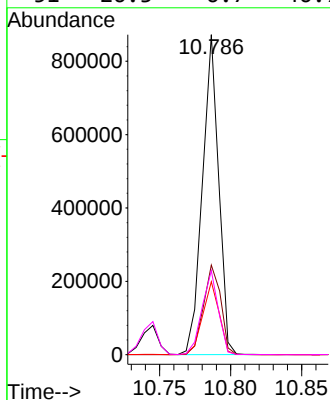
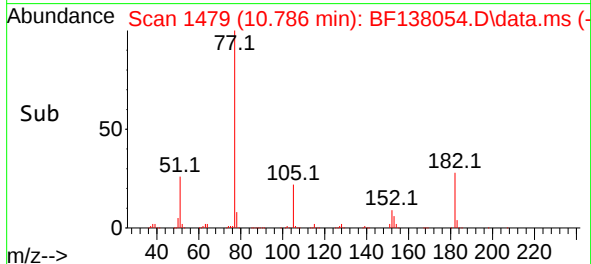
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



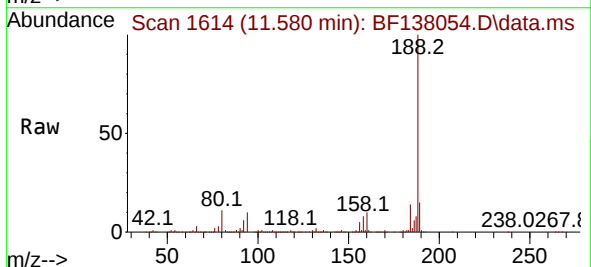
Tgt Ion: 77 Resp: 69535
Ion Ratio Lower Upper
77 100
182 28.0 9.2 49.2
105 22.8 3.1 43.1
51 26.3 6.7 46.7

Manual Integrations
APPROVED

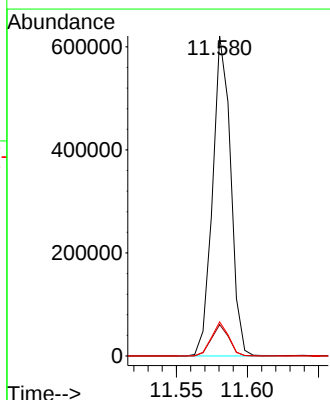
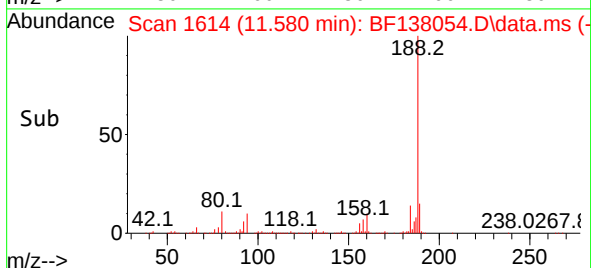
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

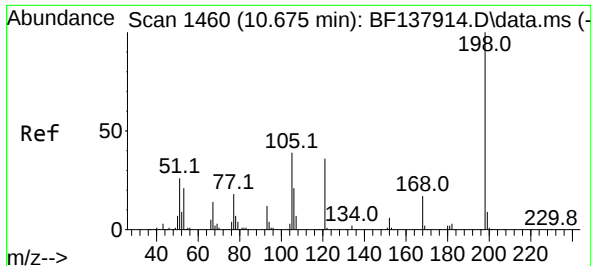


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55



Tgt Ion:188 Resp: 550617
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 10.7 7.7 11.5





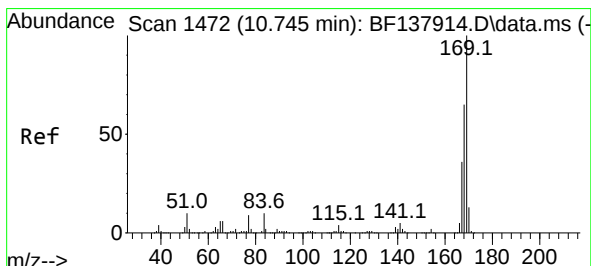
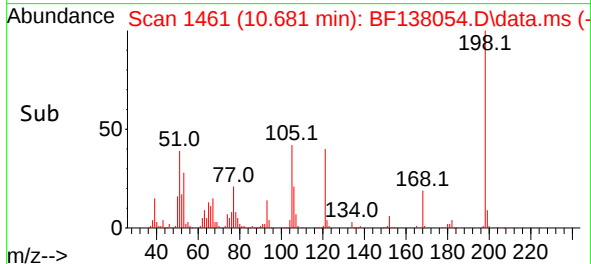
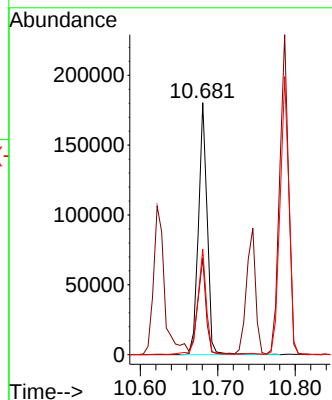
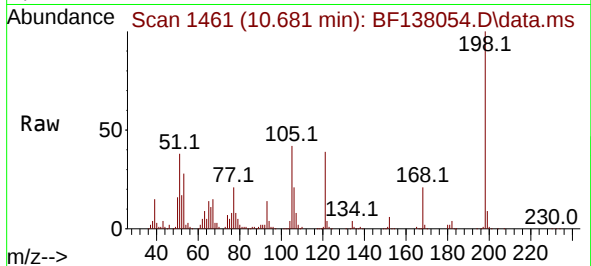
#65
4,6-Dinitro-2-methylphenol
Concen: 44.379 ng
RT: 10.681 min Scan# 1460
Delta R.T. 0.005 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 141091
Ion Ratio Lower Upper
198 100
51 38.3 13.8 53.8
105 41.8 19.0 59.0

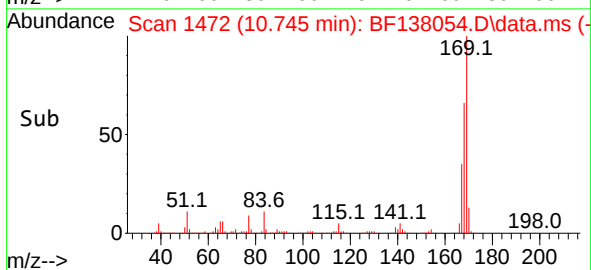
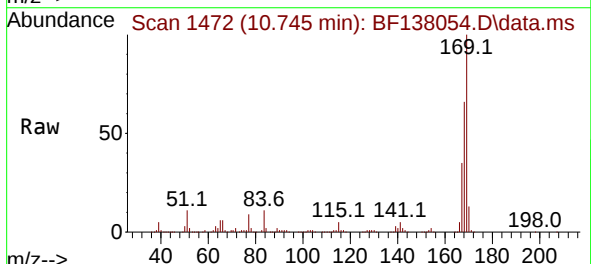
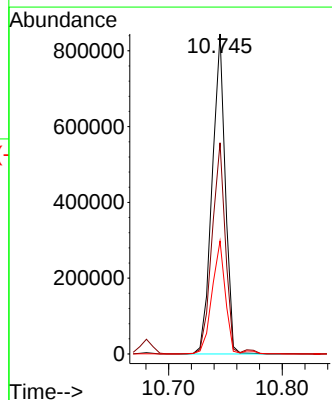
Manual Integrations
APPROVED

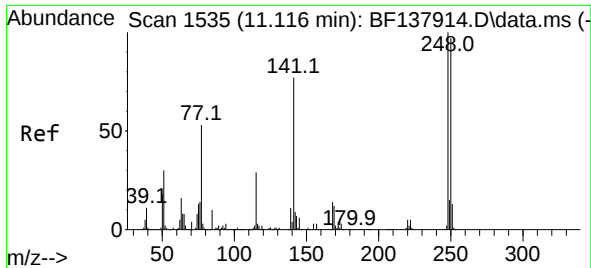
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#66
n-Nitrosodiphenylamine
Concen: 40.032 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Tgt Ion:169 Resp: 675970
Ion Ratio Lower Upper
169 100
168 66.0 52.4 78.6
167 35.3 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 41.655 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

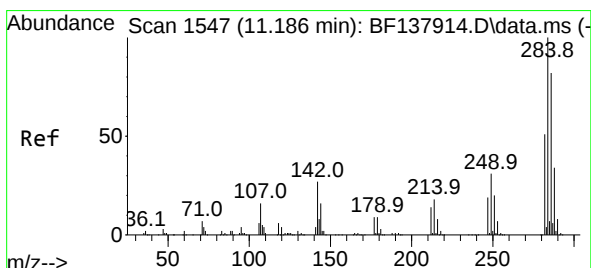
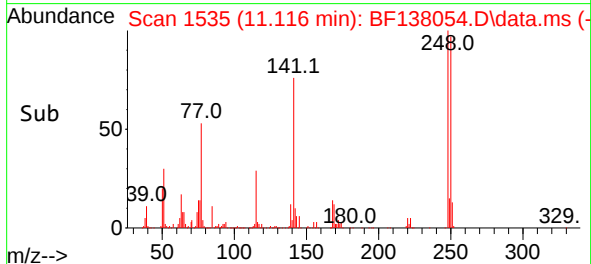
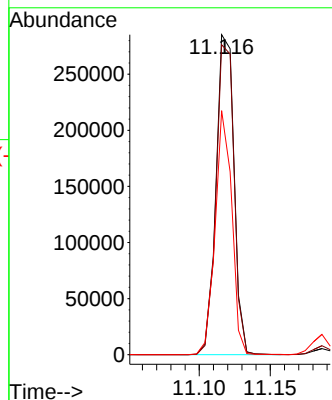
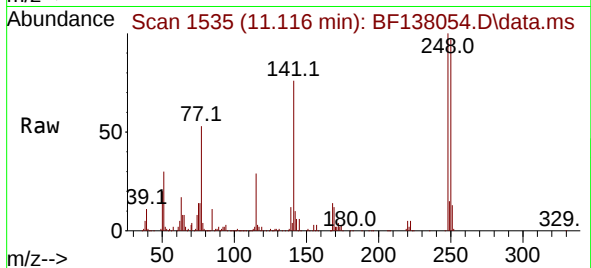
SSTDCCC040

Tgt Ion:248 Resp: 25144
Ion Ratio Lower Upper
248 100
250 96.9 77.6 116.4
141 76.3 61.4 92.2

Manual Integrations

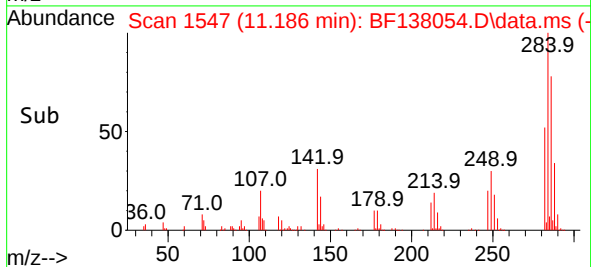
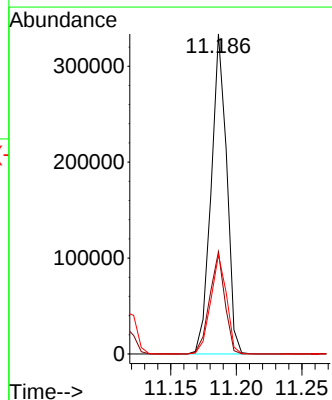
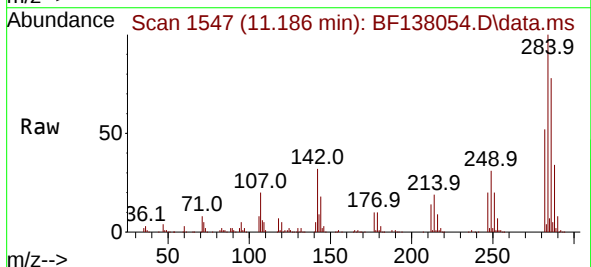
APPROVED

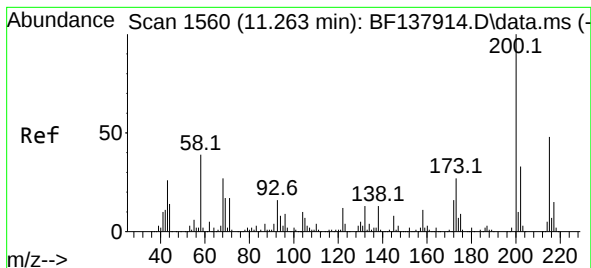
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#68
Hexachlorobenzene
Concen: 41.174 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Tgt Ion:284 Resp: 274734
Ion Ratio Lower Upper
284 100
142 32.0 21.3 31.9#
249 31.0 24.6 37.0





#69

Atrazine

Concen: 37.428 ng

RT: 11.263 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 172570

Ion Ratio Lower Upper

200 100

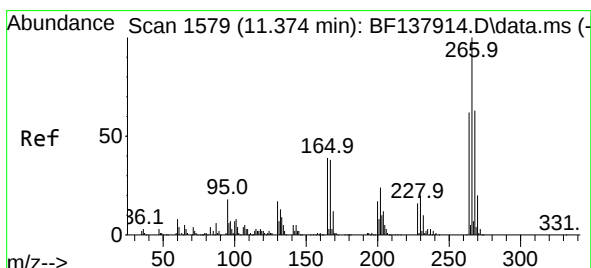
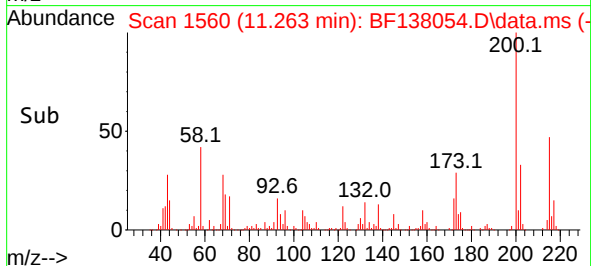
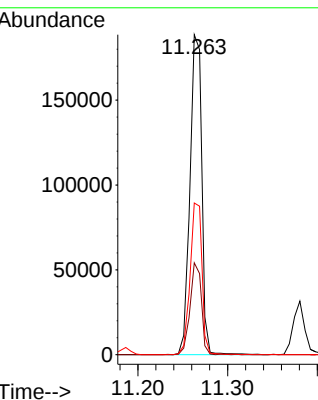
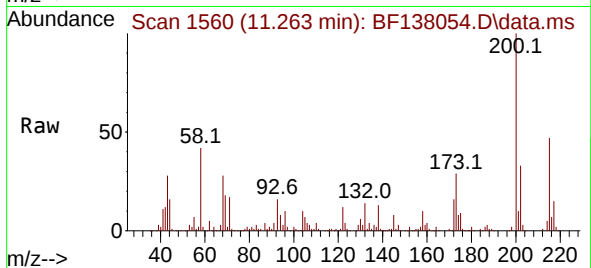
173 28.7 6.6 46.6

215 47.4 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#70

Pentachlorophenol

Concen: 41.944 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

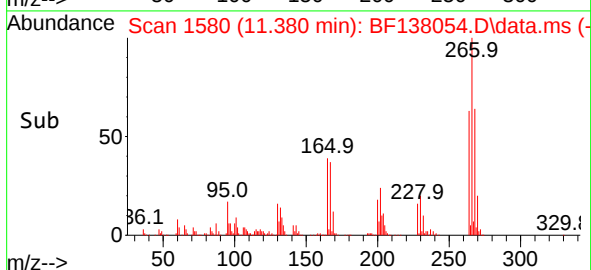
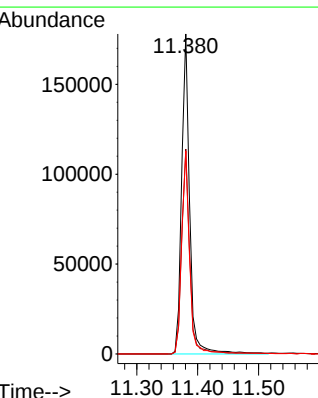
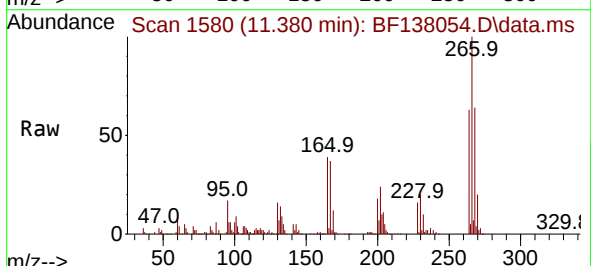
Tgt Ion:266 Resp: 163938

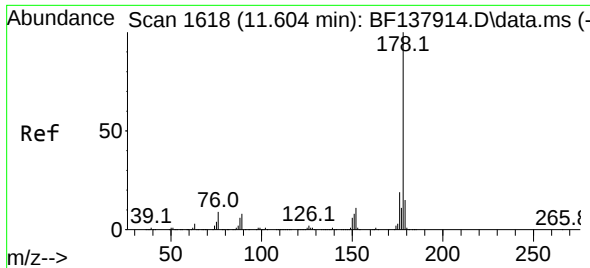
Ion Ratio Lower Upper

266 100

268 64.1 50.1 75.1

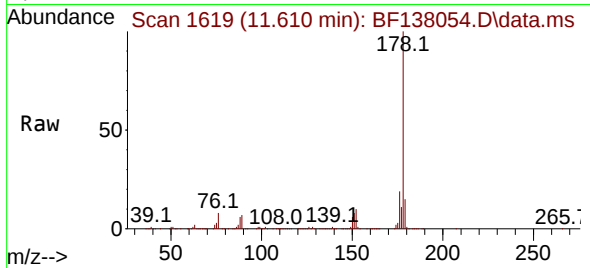
264 63.4 49.4 74.2





#71
Phenanthrene
Concen: 39.578 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

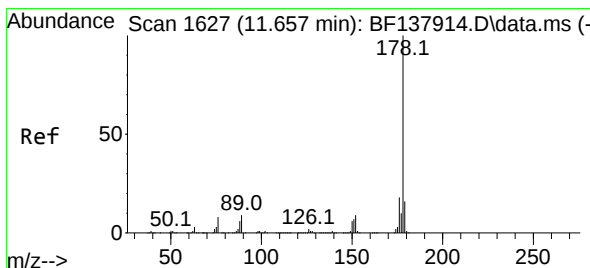
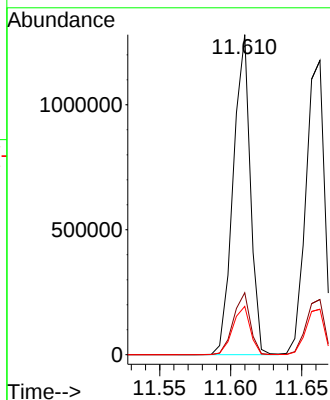
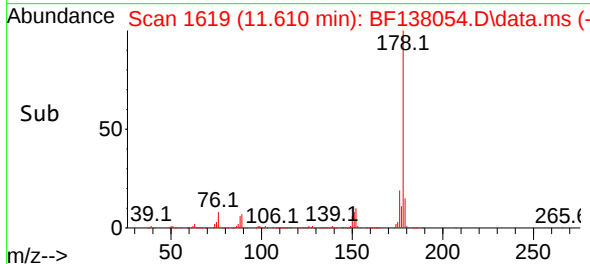
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



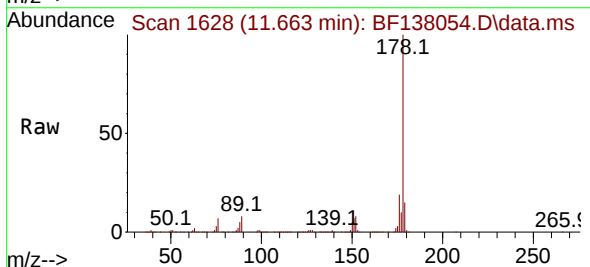
Tgt Ion:178 Resp: 1073918
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.1 12.2 18.4

Manual Integrations
APPROVED

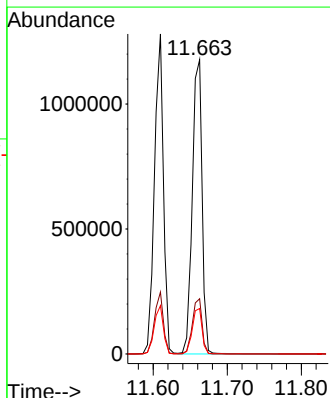
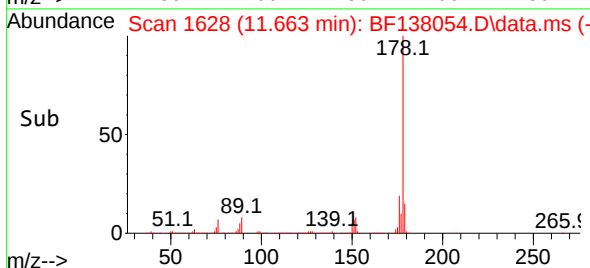
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

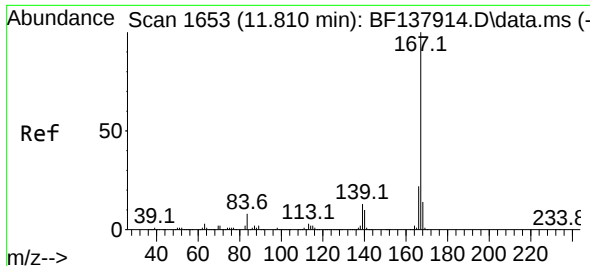


#72
Anthracene
Concen: 40.143 ng
RT: 11.663 min Scan# 1628
Delta R.T. 0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55



Tgt Ion:178 Resp: 1080726
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 39.578 ng
 RT: 11.816 min Scan# 1654
 Delta R.T. 0.006 min
 Lab File: BF138054.D
 Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

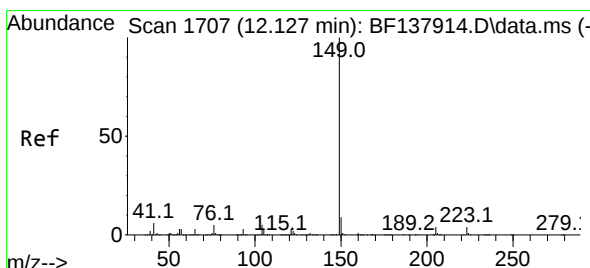
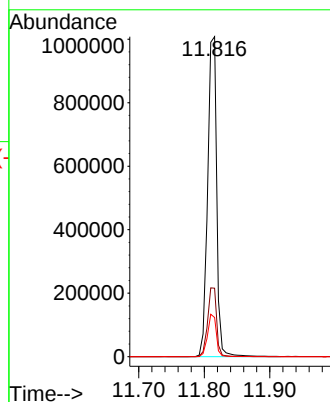
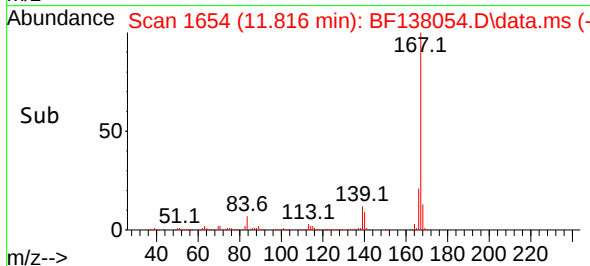
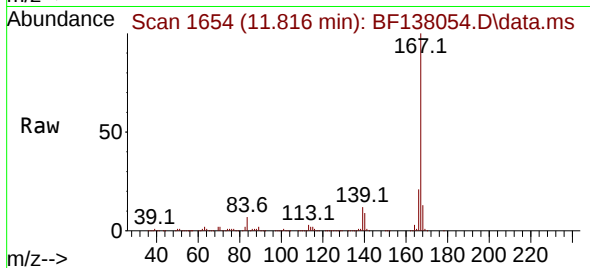
SSTDCCC040

Tgt Ion:167 Resp: 973349
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 12.3 10.3 15.5

Manual Integrations

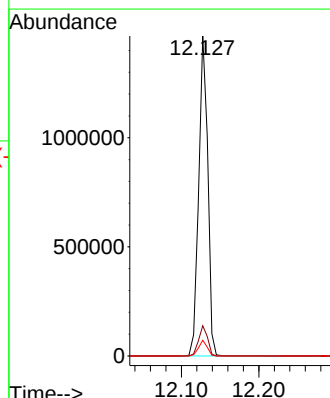
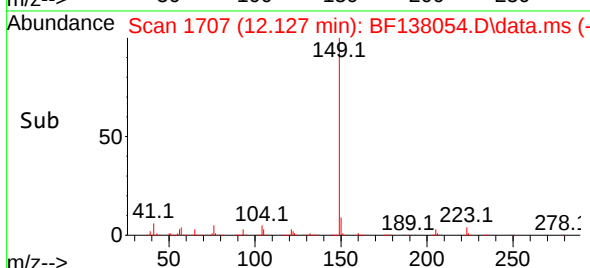
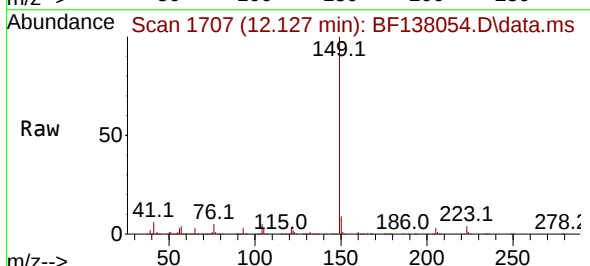
APPROVED

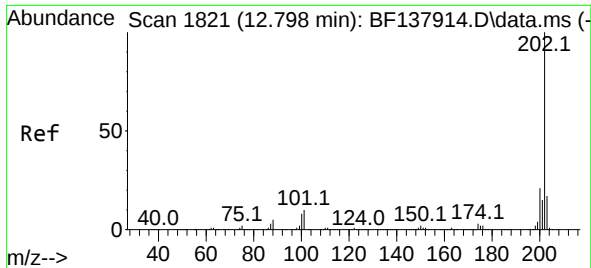
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024



#74
 Di-n-butylphthalate
 Concen: 43.553 ng
 RT: 12.127 min Scan# 1707
 Delta R.T. 0.000 min
 Lab File: BF138054.D
 Acq: 29 May 2024 11:55

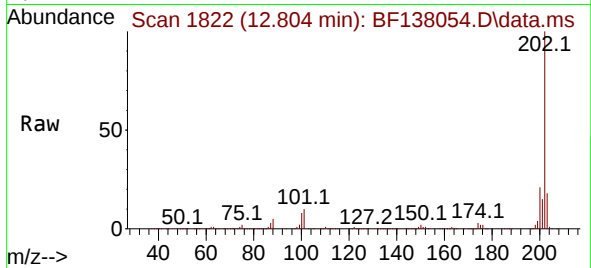
Tgt Ion:149 Resp: 1188675
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 4.9 3.6 5.4





#75
Fluoranthene
Concen: 40.053 ng
RT: 12.804 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

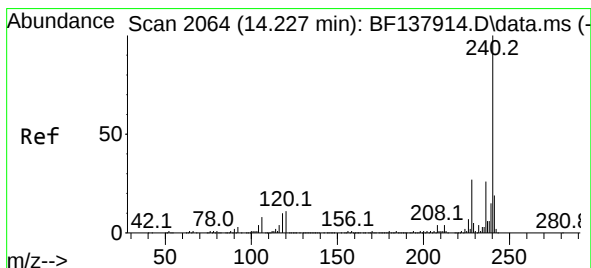
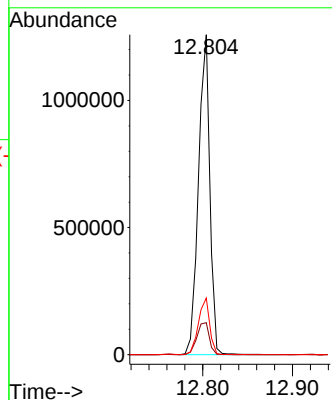
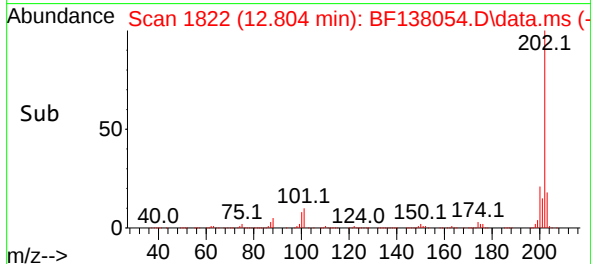
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



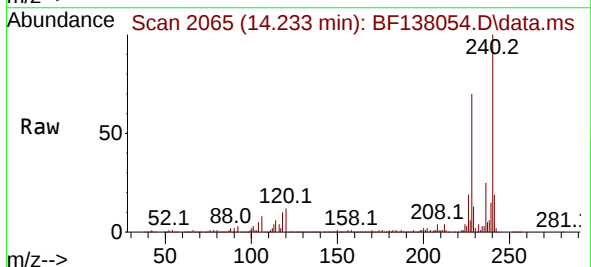
Tgt Ion:202 Resp: 1103114
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.5
203 17.7 0.0 37.3

Manual Integrations
APPROVED

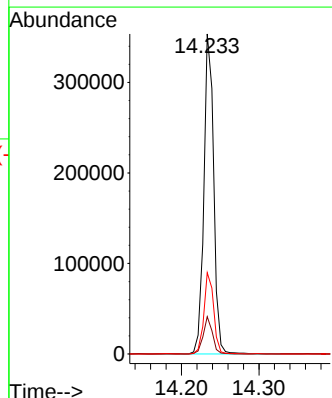
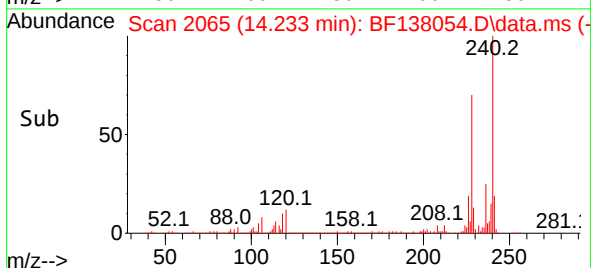
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

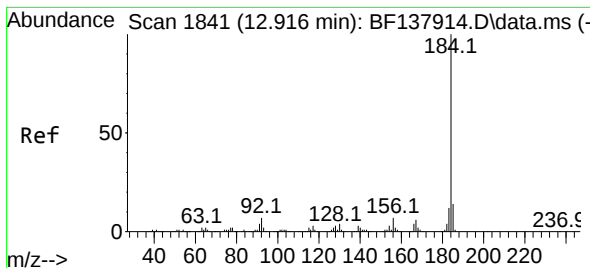


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55



Tgt Ion:240 Resp: 310757
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.4 21.0 31.4





#77

Benzidine

Concen: 64.867 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF138054.D

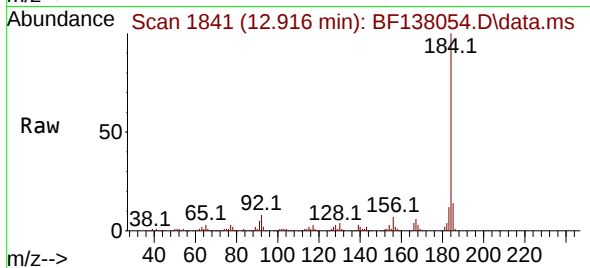
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:184 Resp: 26344

Ion Ratio Lower Upper

184 100

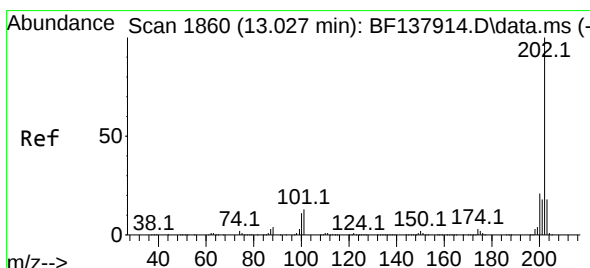
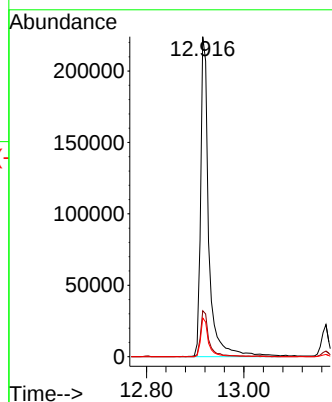
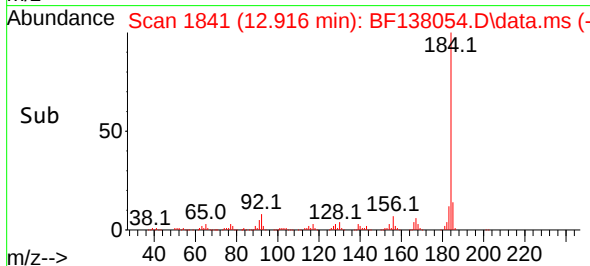
185 14.4 11.4 17.2

183 12.1 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#78

Pyrene

Concen: 40.267 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

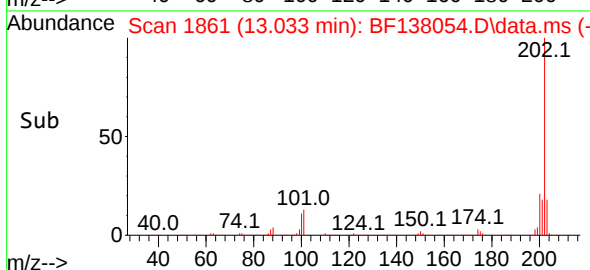
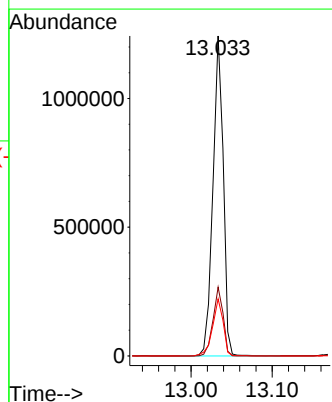
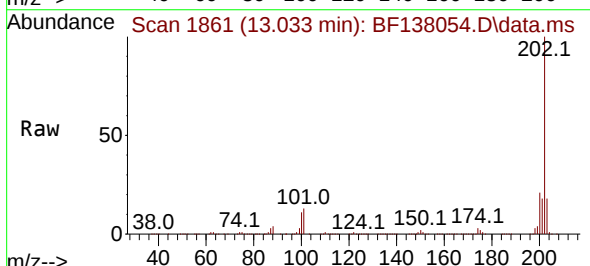
Tgt Ion:202 Resp: 1094463

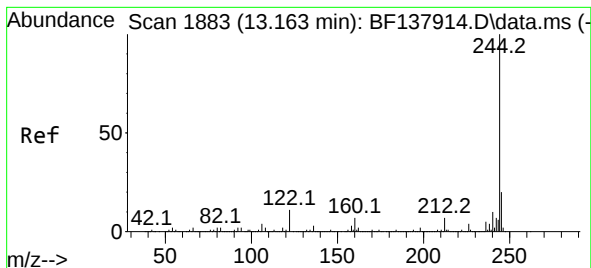
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 81.945 ng

RT: 13.169 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 172784

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

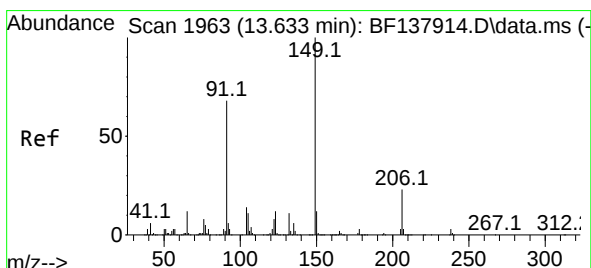
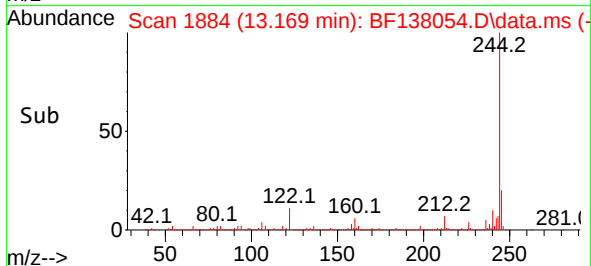
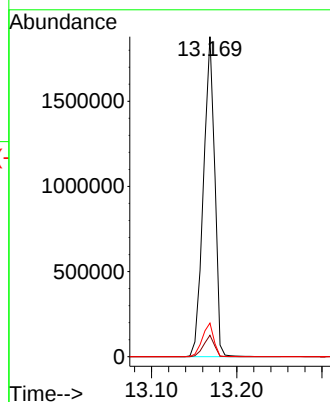
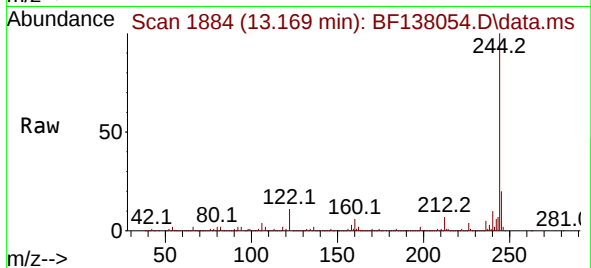
122 10.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024

Supervised By :mohammad ahmed 05/31/2024



#80

Butylbenzylphthalate

Concen: 47.577 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

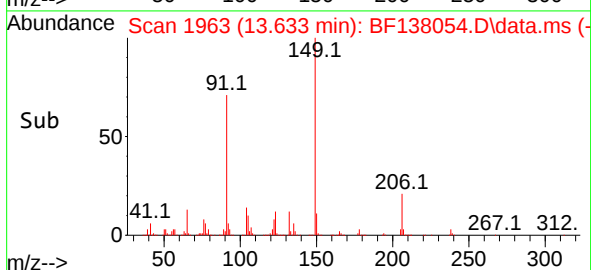
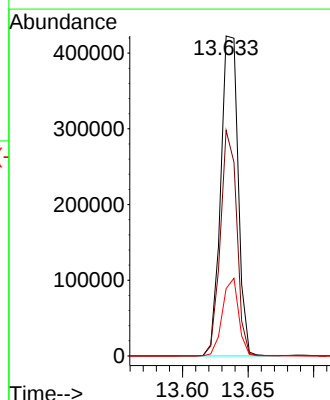
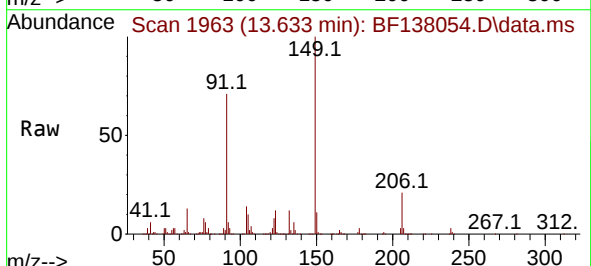
Tgt Ion:149 Resp: 390053

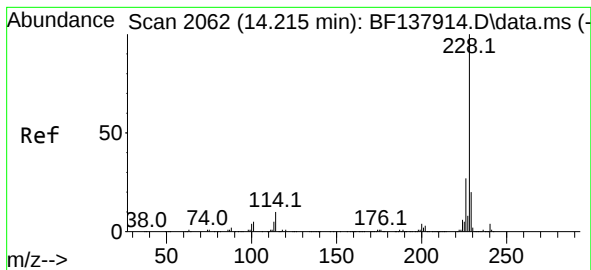
Ion Ratio Lower Upper

149 100

91 70.5 54.2 81.4

206 21.0 18.1 27.1





#81

Benzo(a)anthracene

Concen: 41.185 ng

RT: 14.221 min Scan# 2062

Delta R.T. 0.006 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 809710

Ion Ratio Lower Upper

228 100

226 26.7 21.3 31.9

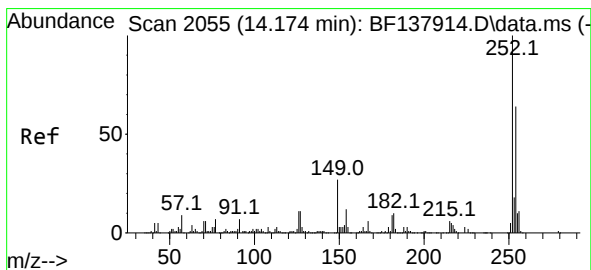
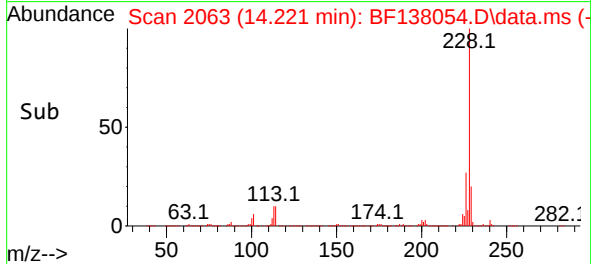
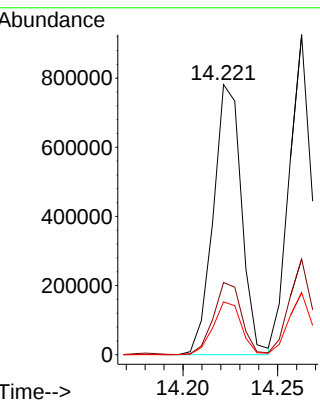
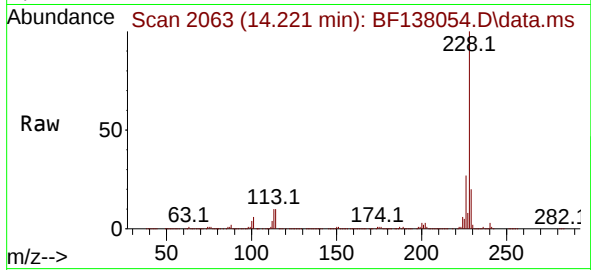
229 19.5 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024

Supervised By :mohammad ahmed 05/31/2024



#82

3,3'-Dichlorobenzidine

Concen: 47.238 ng

RT: 14.180 min Scan# 2056

Delta R.T. 0.006 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

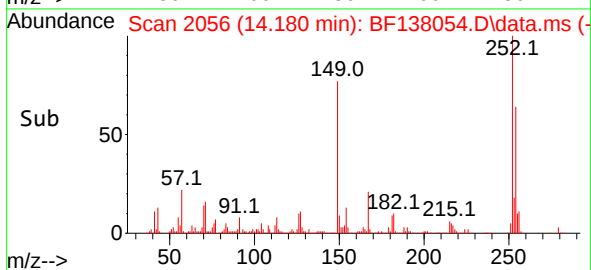
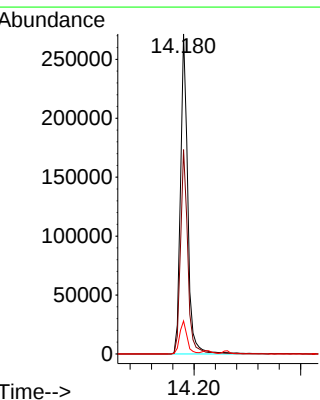
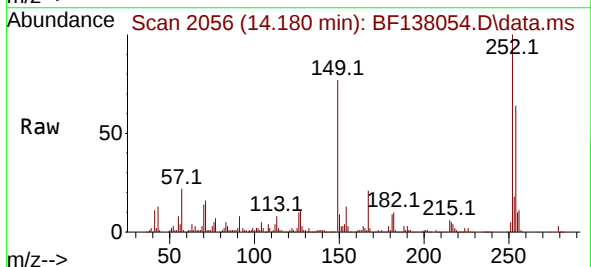
Tgt Ion:252 Resp: 257378

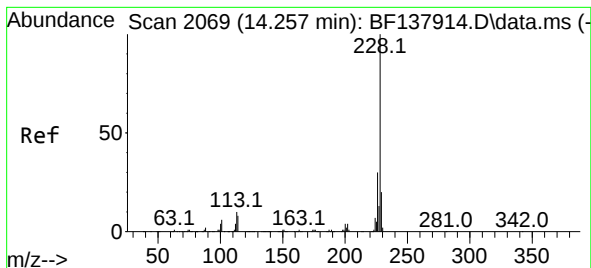
Ion Ratio Lower Upper

252 100

254 63.9 51.2 76.8

126 10.3 8.7 13.1





#83

Chrysene

Concen: 40.582 ng

RT: 14.263 min Scan# 2069

Delta R.T. 0.006 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

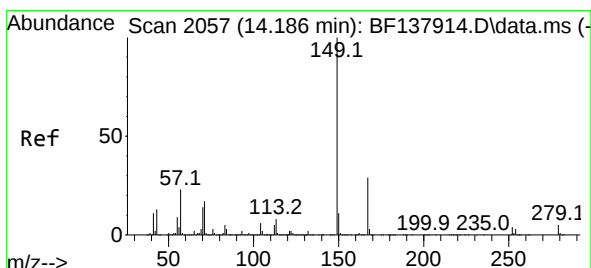
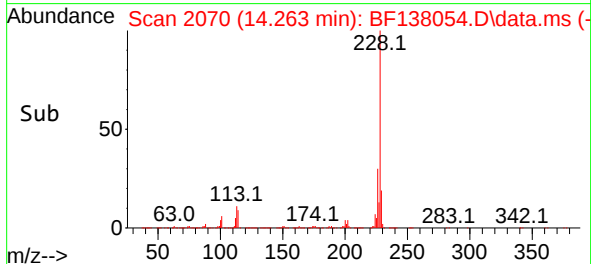
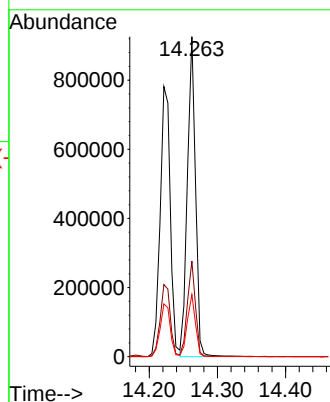
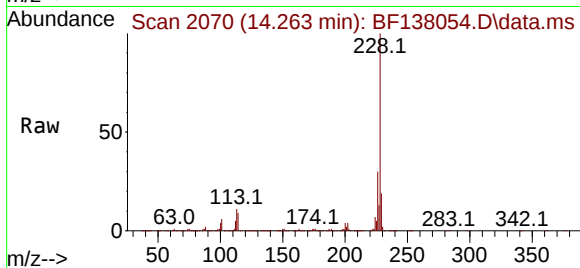
SSTDCCC040

Tgt Ion:	228	Resp:	763049
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.8	35.8
229	19.4	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.659 ng

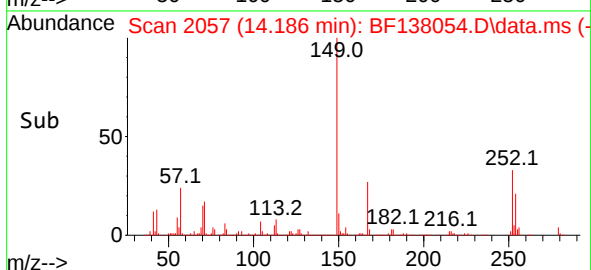
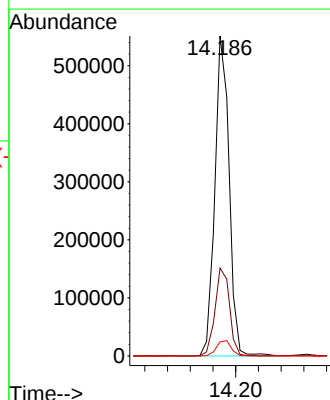
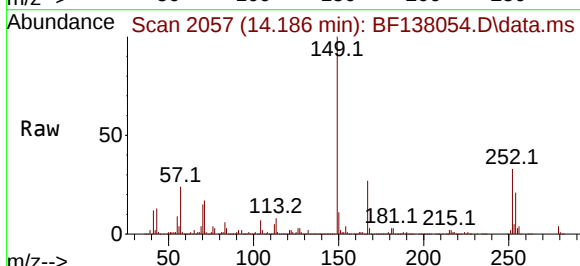
RT: 14.186 min Scan# 2057

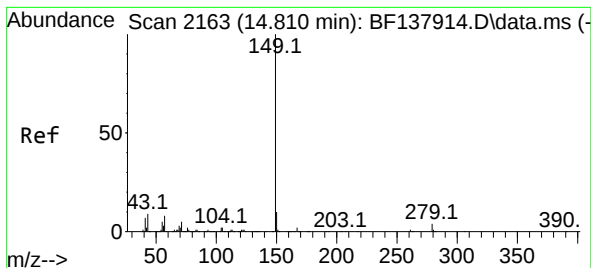
Delta R.T. 0.000 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

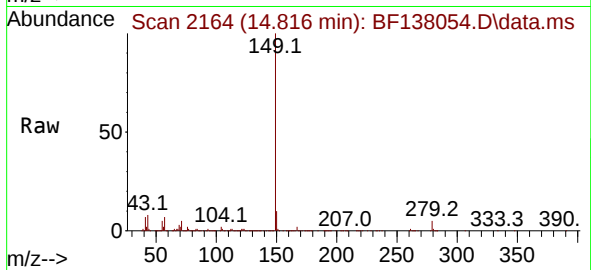
Tgt Ion:	149	Resp:	480854
Ion Ratio	Lower	Upper	
149	100		
167	27.4	23.2	34.8
279	4.4	4.1	6.1





#85
Di-n-octyl phthalate
Concen: 53.164 ng
RT: 14.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

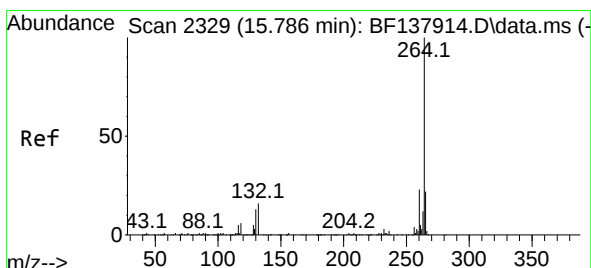
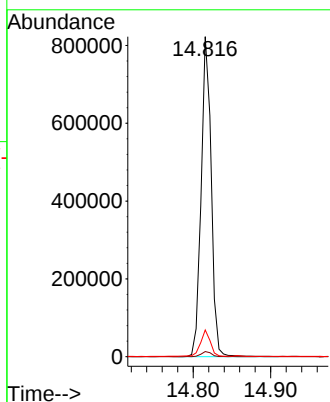
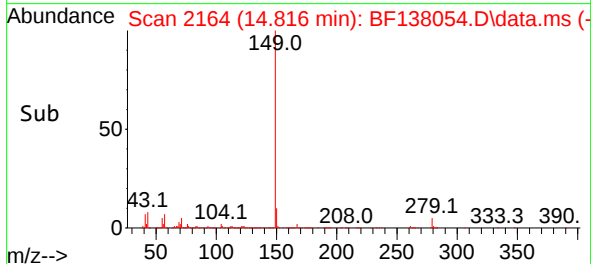
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



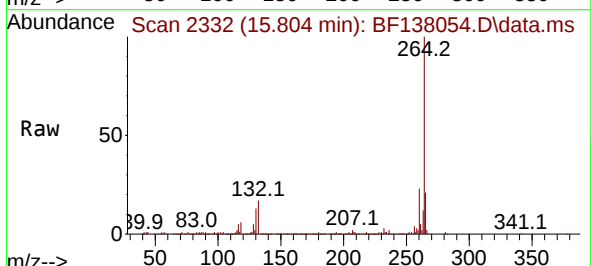
Tgt Ion:149 Resp: 74017
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.5 6.6 9.8

Manual Integrations
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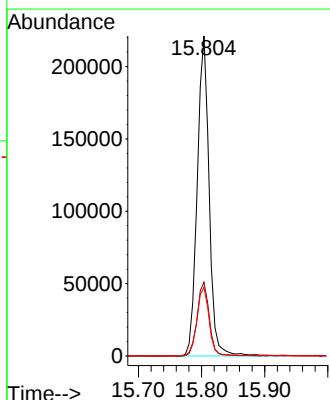
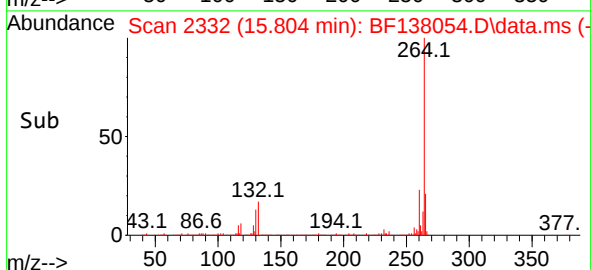
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

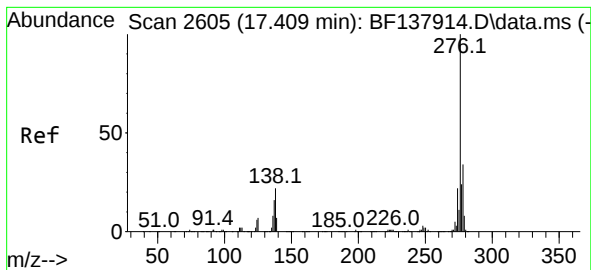


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.804 min Scan# 2332
Delta R.T. 0.018 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55



Tgt Ion:264 Resp: 289703
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 21.5 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.152 ng

RT: 17.445 min Scan# 20

Delta R.T. 0.035 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 747330

Ion Ratio Lower Upper

276 100

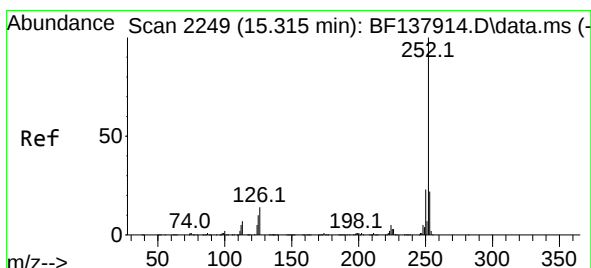
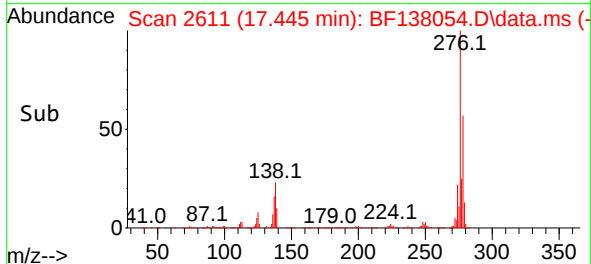
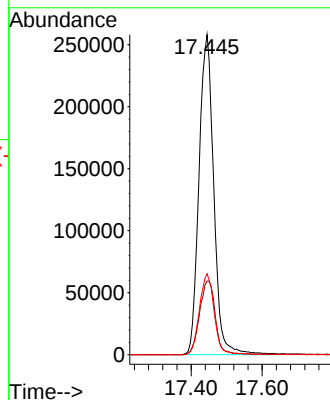
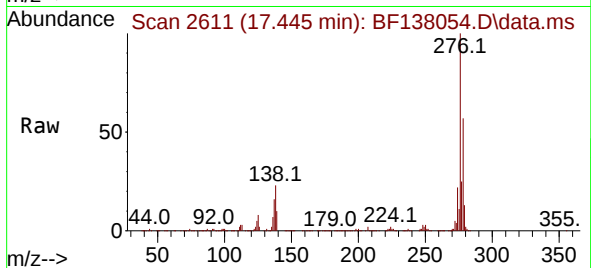
138 24.6 20.6 30.8

277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#88

Benzo(b)fluoranthene

Concen: 40.957 ng

RT: 15.333 min Scan# 2252

Delta R.T. 0.018 min

Lab File: BF138054.D

Acq: 29 May 2024 11:55

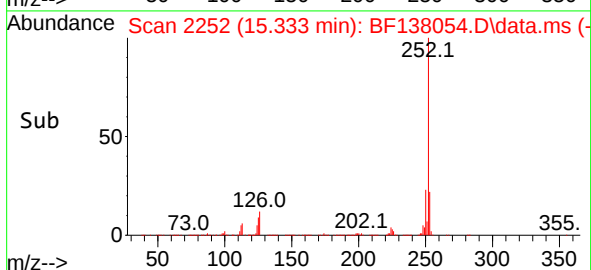
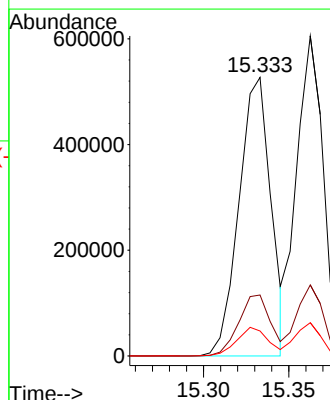
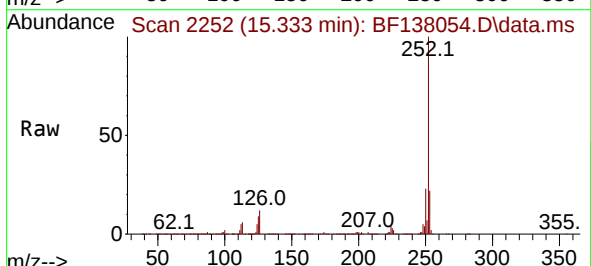
Tgt Ion:252 Resp: 687019

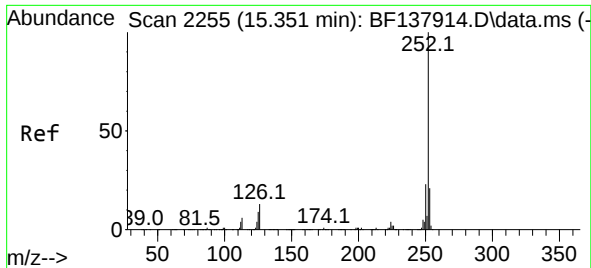
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.0 8.2 12.4





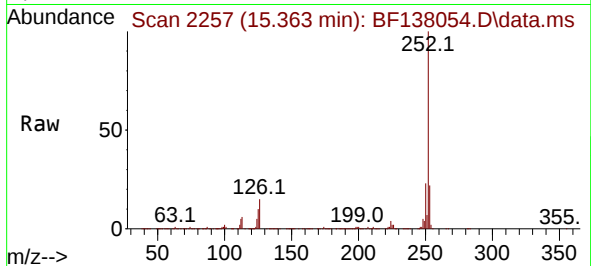
#89
Benzo(k)fluoranthene
Concen: 41.067 ng
RT: 15.363 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

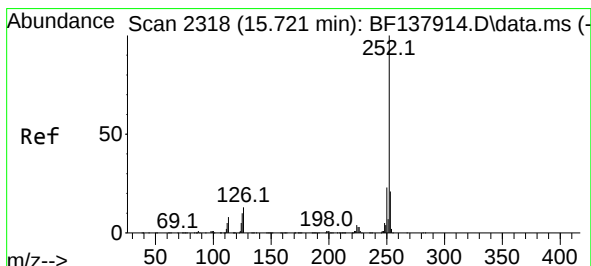
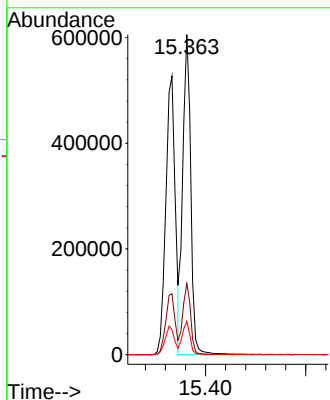
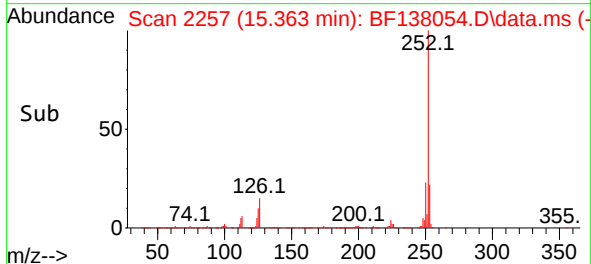


Tgt Ion:252 Resp: 676729
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.4 7.7 11.5

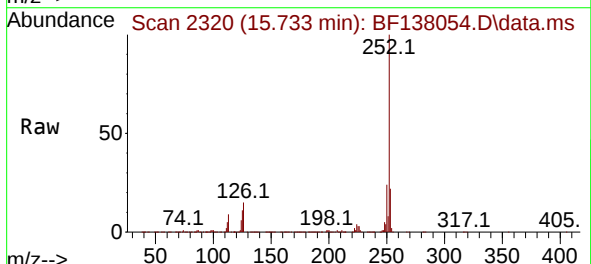
Manual Integrations

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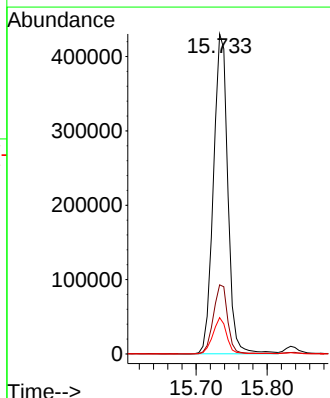
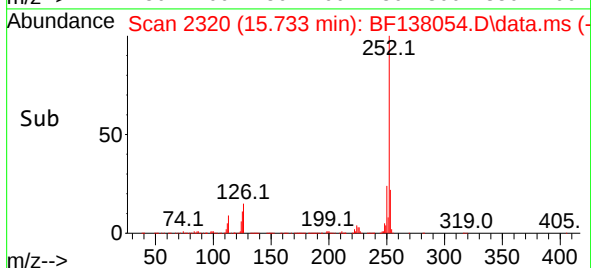
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

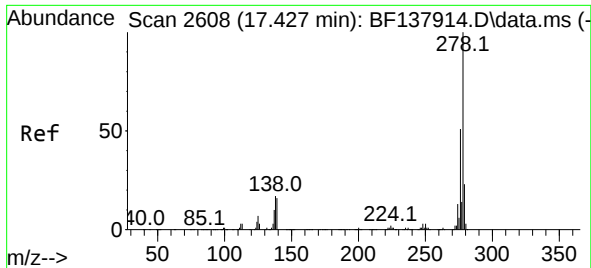


#90
Benzo(a)pyrene
Concen: 42.101 ng
RT: 15.733 min Scan# 2320
Delta R.T. 0.012 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55



Tgt Ion:252 Resp: 603030
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 11.3 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 39.778 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.035 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Instrument :

BNA_F

ClientSampleId :

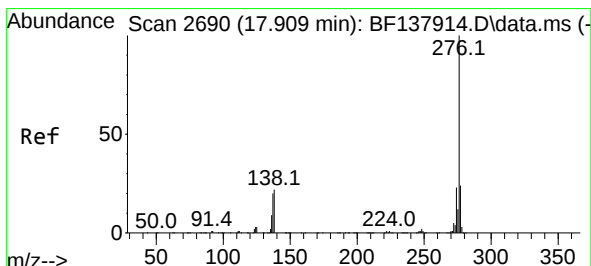
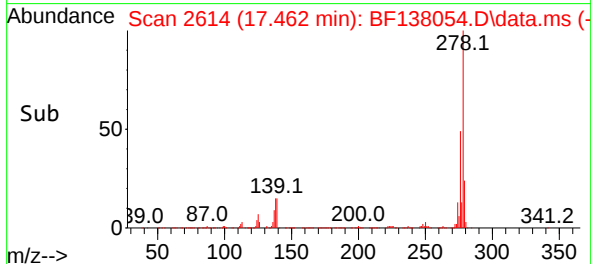
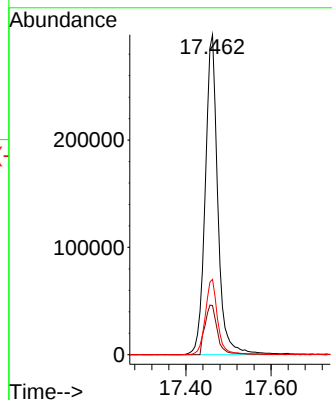
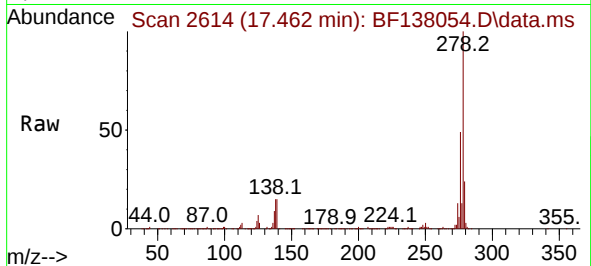
SSTDCCC040

Tgt Ion:278 Resp: 611700
Ion Ratio Lower Upper
278 100
139 15.3 13.1 19.7
279 23.5 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#92
Benzo(g,h,i)perylene
Concen: 38.831 ng
RT: 17.945 min Scan# 2696
Delta R.T. 0.035 min
Lab File: BF138054.D
Acq: 29 May 2024 11:55

Tgt Ion:276 Resp: 627298
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 20.7 17.6 26.4

