

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
 Data File : BF138038.D
 Acq On : 28 May 2024 10:40
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 28 11:17:24 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	141484	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	543904	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	302446	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	531782	20.000	ng	0.00
76) Chrysene-d12	14.233	240	326846	20.000	ng	0.00
86) Perylene-d12	15.798	264	291502	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	665436	79.892	ng	0.00
7) Phenol-d6	6.657	99	825613	80.467	ng	0.00
23) Nitrobenzene-d5	7.598	82	748318	80.968	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	272649	89.406	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1583246	80.636	ng	0.00
79) Terphenyl-d14	13.168	244	1773142	79.954	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.922	88	140461	38.927	ng	98
3) Pyridine	3.704	79	344646	42.569	ng	97
4) n-Nitrosodimethylamine	3.669	42	139553	39.072	ng	99
6) Aniline	6.698	93	400791m	43.673	ng	
8) 2-Chlorophenol	6.822	128	359487	39.881	ng	99
9) Benzaldehyde	6.592	77	236738	42.647	ng	97
10) Phenol	6.669	94	415558	40.126	ng	95
11) bis(2-Chloroethyl)ether	6.769	93	324196	40.771	ng	98
12) 1,3-Dichlorobenzene	6.981	146	422051	40.469	ng	98
13) 1,4-Dichlorobenzene	7.057	146	423980	40.501	ng	99
14) 1,2-Dichlorobenzene	7.210	146	396272	40.221	ng	98
15) Benzyl Alcohol	7.169	79	296333	43.252	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.304	45	396830	40.599	ng	97
17) 2-Methylphenol	7.275	107	291219	40.512	ng	100
18) Hexachloroethane	7.551	117	142550	40.241	ng	94
19) n-Nitroso-di-n-propyla...	7.439	70	234797	40.732	ng	98
20) 3+4-Methylphenols	7.428	107	382385	40.604	ng	98
22) Acetophenone	7.445	105	489811	40.200	ng	99
24) Nitrobenzene	7.622	77	379685	40.496	ng	100
25) Isophorone	7.851	82	652252	40.663	ng	99
26) 2-Nitrophenol	7.934	139	201234	42.715	ng	98
27) 2,4-Dimethylphenol	7.957	122	243511	40.148	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	393494	40.476	ng	100
29) 2,4-Dichlorophenol	8.169	162	315647	41.384	ng	98
30) 1,2,4-Trichlorobenzene	8.257	180	346629	40.704	ng	99
31) Naphthalene	8.345	128	1104541	40.389	ng	100
32) Benzoic acid	8.069	122	234094m	45.657	ng	
33) 4-Chloroaniline	8.386	127	388694	43.356	ng	99
34) Hexachlorobutadiene	8.451	225	219333	40.691	ng	99
35) Caprolactam	8.763	113	96880	43.843	ng	96
36) 4-Chloro-3-methylphenol	8.863	107	323375	41.678	ng	99
37) 2-Methylnaphthalene	9.033	142	717270	40.803	ng	99
38) 1-Methylnaphthalene	9.133	142	696626	40.309	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	341001	41.472	ng	99
41) Hexachlorocyclopentadiene	9.186	237	120270	38.495	ng	98
43) 2,4,6-Trichlorophenol	9.310	196	226521	42.017	ng	99

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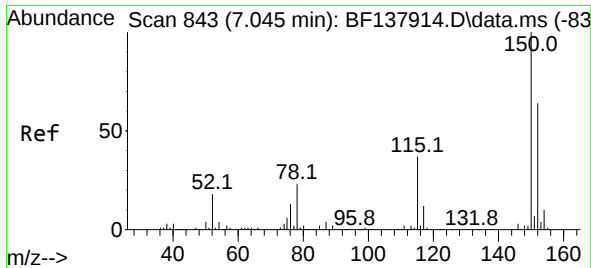
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	248015	42.044	ng	97
46) 1,1'-Biphenyl	9.498	154	871980	41.106	ng	98
47) 2-Chloronaphthalene	9.528	162	702365	41.477	ng	98
48) 2-Nitroaniline	9.622	65	183401	42.294	ng	98
49) Acenaphthylene	9.951	152	1012122	41.568	ng	100
50) Dimethylphthalate	9.798	163	801409	42.256	ng	100
51) 2,6-Dinitrotoluene	9.863	165	191308	43.950	ng	97
52) Acenaphthene	10.122	154	676856	42.059	ng	99
53) 3-Nitroaniline	10.039	138	188000	44.179	ng	89
54) 2,4-Dinitrophenol	10.139	184	86334	40.483	ng	# 79
55) Dibenzofuran	10.292	168	965652	41.231	ng	98
56) 4-Nitrophenol	10.186	139	131600	43.057	ng	90
57) 2,4-Dinitrotoluene	10.269	165	249911	44.410	ng	95
58) Fluorene	10.639	166	779769	42.093	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	199252	42.997	ng	97
60) Diethylphthalate	10.498	149	766788	43.290	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	387290	42.394	ng	98
62) 4-Nitroaniline	10.651	138	179563	44.489	ng	99
63) Azobenzene	10.786	77	673892	41.827	ng	97
65) 4,6-Dinitro-2-methylph...	10.680	198	137616	44.818	ng	91
66) n-Nitrosodiphenylamine	10.745	169	655091	40.170	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	243307	41.735	ng	99
68) Hexachlorobenzene	11.186	284	264921	41.110	ng	98
69) Atrazine	11.263	200	173096	38.870	ng	100
70) Pentachlorophenol	11.374	266	163586	43.336	ng	99
71) Phenanthrene	11.604	178	1052951	40.180	ng	99
72) Anthracene	11.657	178	1059889	40.764	ng	99
73) Carbazole	11.810	167	980932	41.300	ng	99
74) Di-n-butylphthalate	12.127	149	1170390	44.402	ng	100
75) Fluoranthene	12.798	202	1123958	42.255	ng	98
77) Benzidine	12.916	184	273590	64.050	ng	99
78) Pyrene	13.033	202	1132060	39.600	ng	99
80) Butylbenzylphthalate	13.633	149	396849	46.024	ng	96
81) Benzo(a)anthracene	14.221	228	851064	41.157	ng	99
82) 3,3'-Dichlorobenzidine	14.180	252	263610	46.001	ng	99
83) Chrysene	14.262	228	802922	40.600	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	483500	44.606	ng	98
85) Di-n-octyl phthalate	14.815	149	706356	48.238	ng	99
87) Indeno(1,2,3-cd)pyrene	17.433	276	740947	39.563	ng	99
88) Benzo(b)fluoranthene	15.327	252	689647	40.860	ng	99
89) Benzo(k)fluoranthene	15.357	252	702799	42.385	ng	98
90) Benzo(a)pyrene	15.733	252	603510	41.875	ng	99
91) Dibenzo(a,h)anthracene	17.451	278	604551	39.070	ng	99
92) Benzo(g,h,i)perylene	17.933	276	615233	37.849	ng	98

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



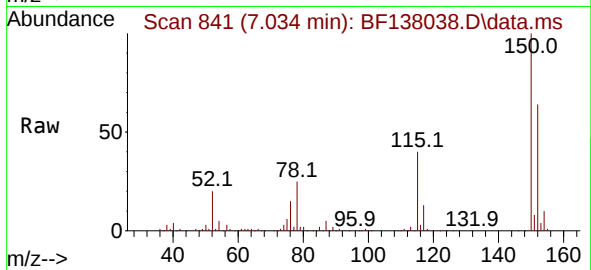
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

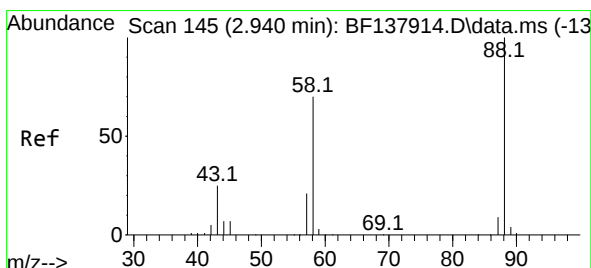
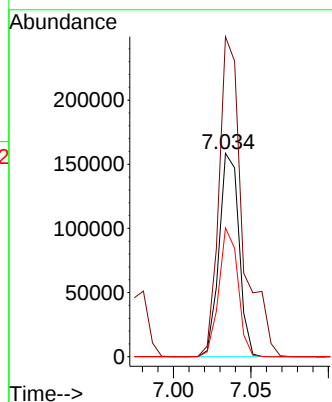
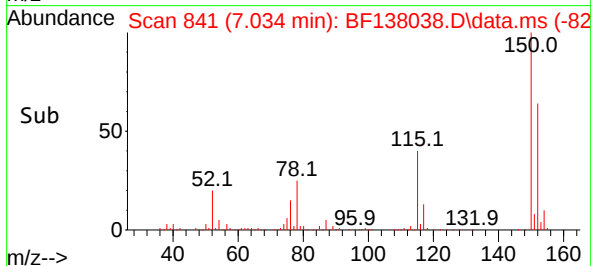


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Ion Ratio Lower Upper
152 100
150 157.4 125.7 188.5
115 63.3 47.0 70.6

Manual Integrations

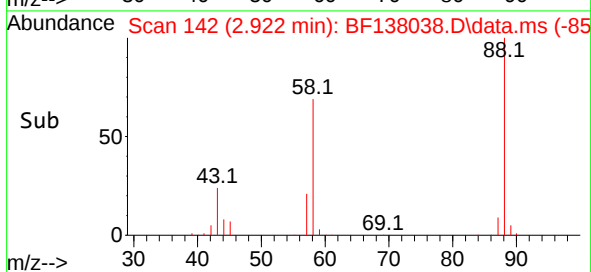
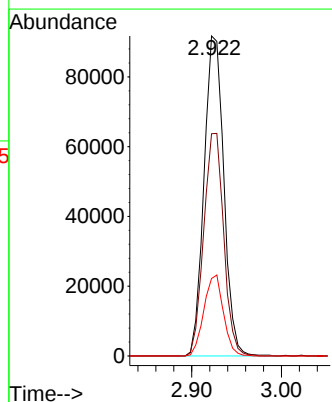
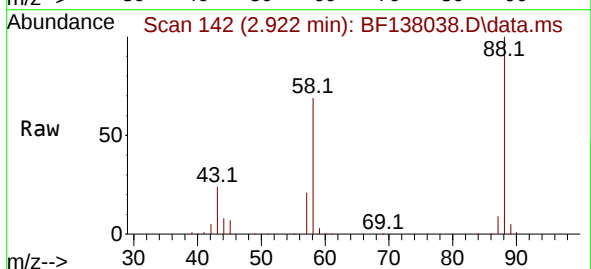
APPROVED

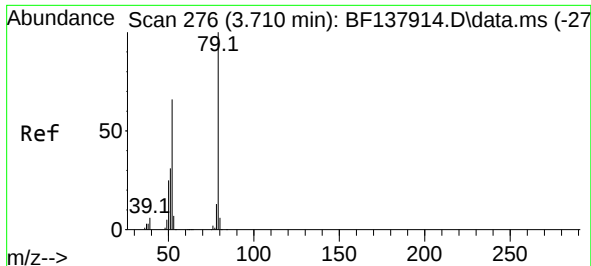
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#2
1,4-Dioxane
Concen: 38.927 ng
RT: 2.922 min Scan# 142
Delta R.T. -0.018 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

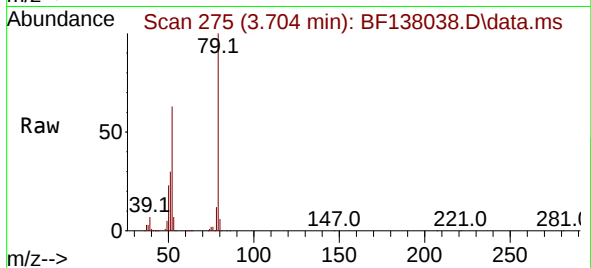
Tgt Ion: 88 Resp: 140461
Ion Ratio Lower Upper
88 100
58 70.2 54.4 81.6
43 24.9 19.6 29.4





#3
Pyridine
Concen: 42.569 ng
RT: 3.704 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

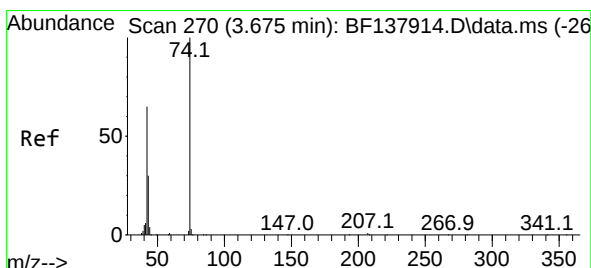
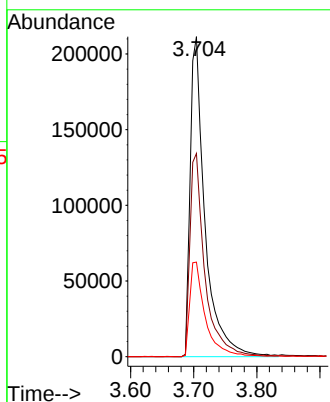
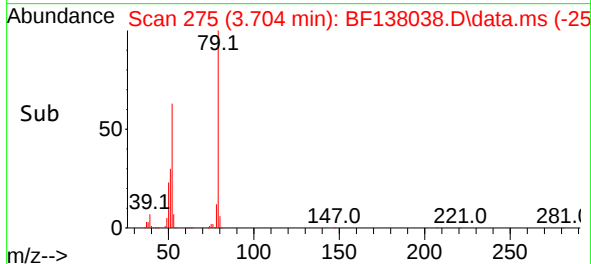
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 344640
Ion Ratio Lower Upper
79 100
52 63.5 52.5 78.7
51 29.6 25.1 37.7

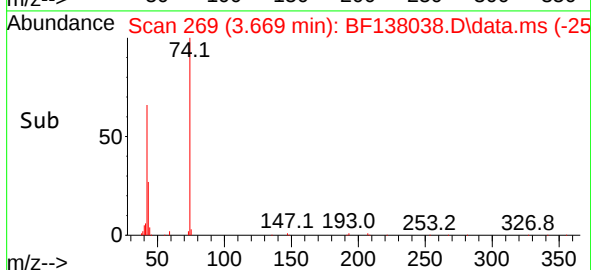
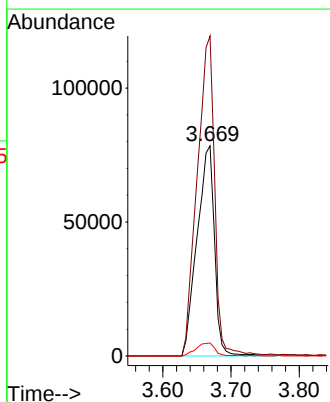
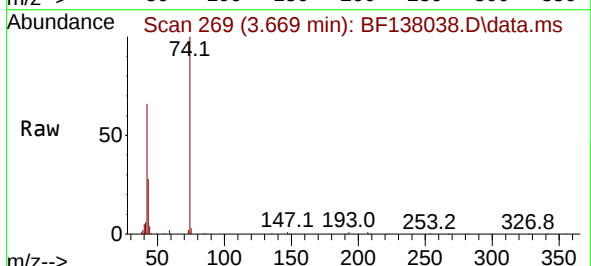
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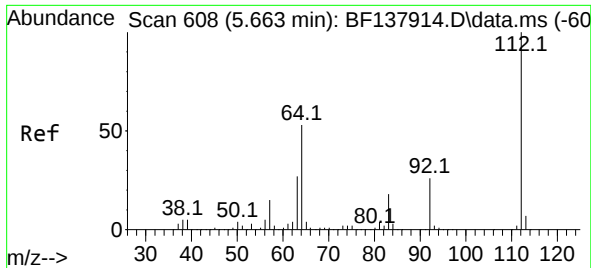
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#4
n-Nitrosodimethylamine
Concen: 39.072 ng
RT: 3.669 min Scan# 269
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Tgt Ion: 42 Resp: 139553
Ion Ratio Lower Upper
42 100
74 152.3 123.1 184.7
44 6.2 5.0 7.6





#5
2-Fluorophenol
Concen: 79.892 ng
RT: 5.657 min Scan# 608
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

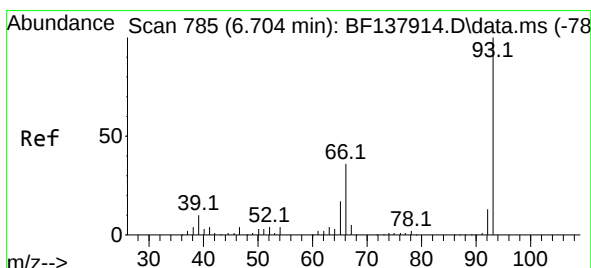
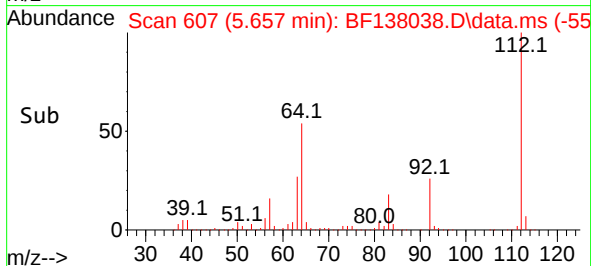
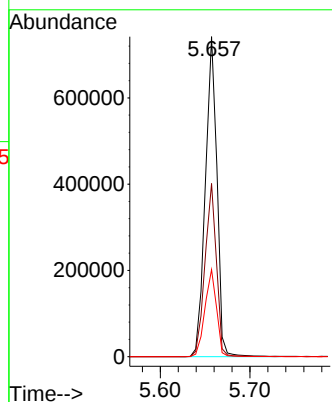
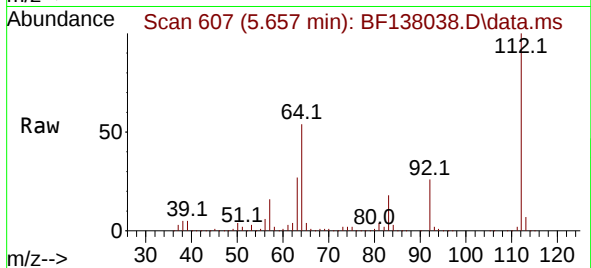
SSTDCCC040

Tgt Ion:112 Resp: 665430
Ion Ratio Lower Upper
112 100
64 54.1 42.4 63.6
63 27.2 21.4 32.2

Manual Integrations

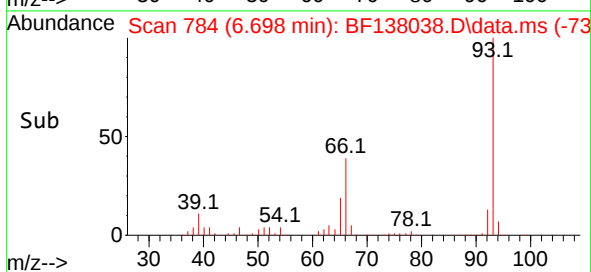
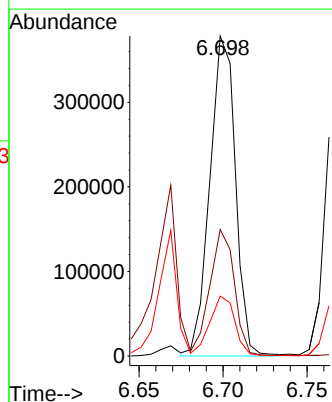
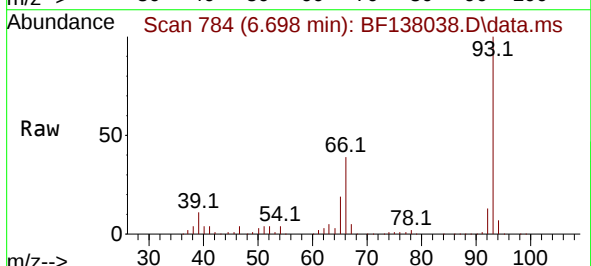
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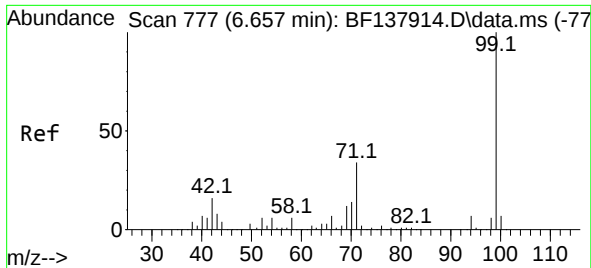
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#6
Aniline
Concen: 43.673 ng m
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

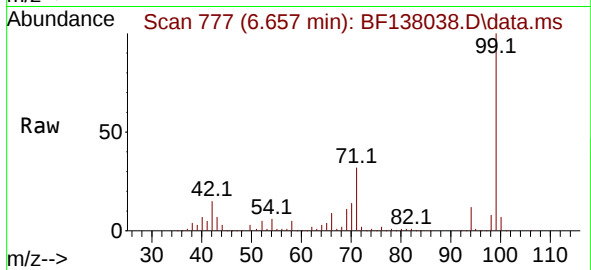
Tgt Ion: 93 Resp: 400791
Ion Ratio Lower Upper
93 100
66 39.5 30.7 46.1
65 18.7 15.0 22.4





#7
Phenol-d6
Concen: 80.467 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

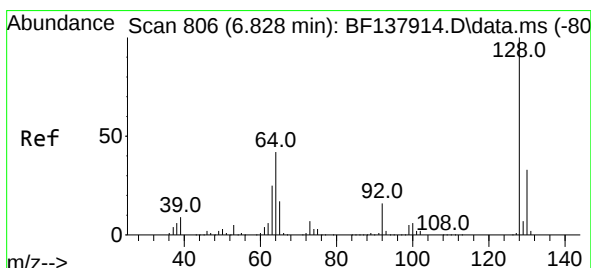
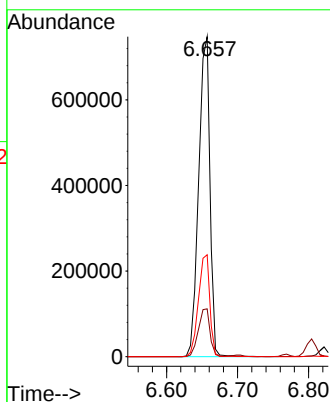
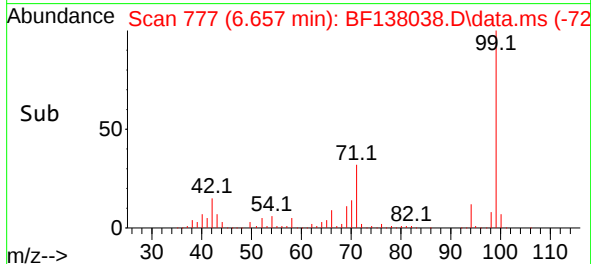
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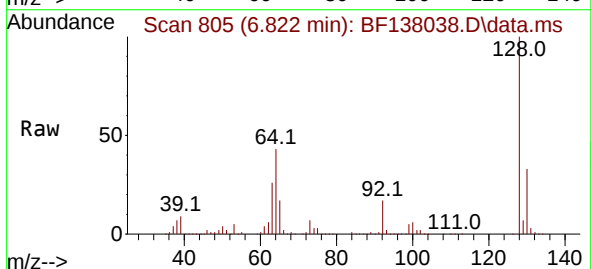
Tgt Ion: 99 Resp: 82561
Ion Ratio Lower Upper
99 100
42 15.0 12.6 18.8
71 31.9 27.1 40.7

Manual Integrations
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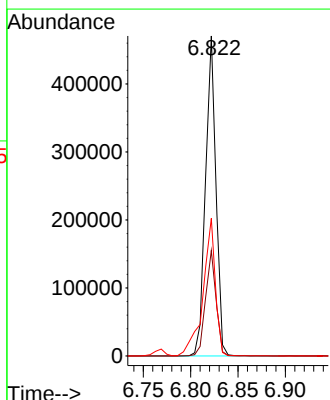
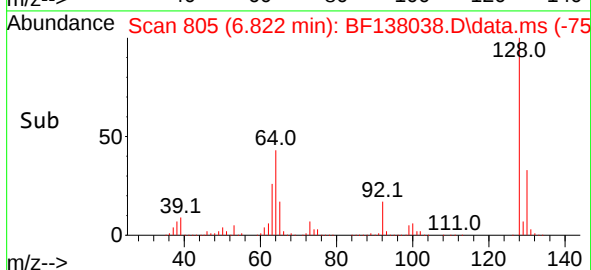
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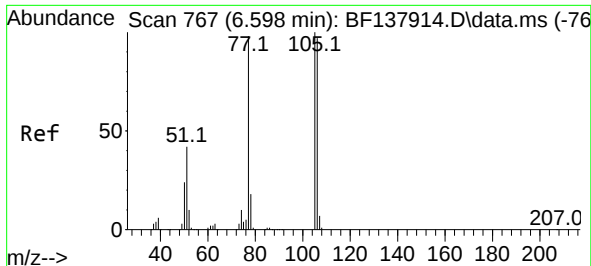


#8
2-Chlorophenol
Concen: 39.881 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40



Tgt Ion:128 Resp: 359487
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 43.0 22.2 62.2





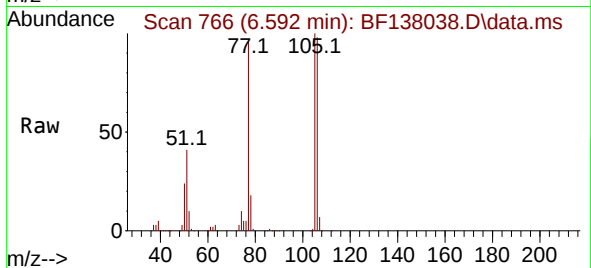
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Benzaldehyde
Concen: 42.647 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

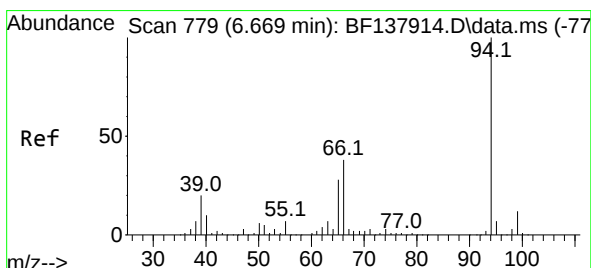
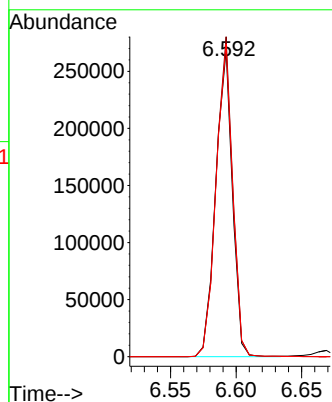
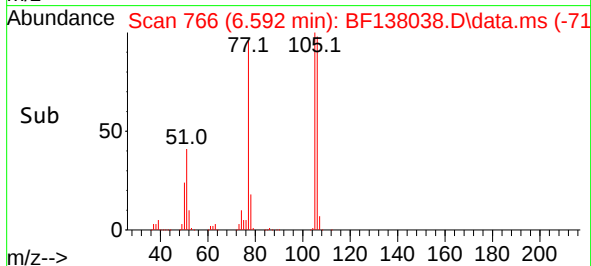


Tgt Ion: 77 Resp: 236738
Ion Ratio Lower Upper
77 100
105 104.5 82.3 122.3
106 102.1 79.2 119.2

Manual Integrations

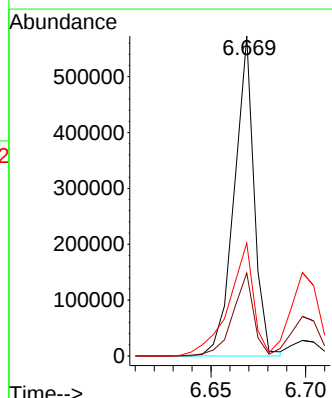
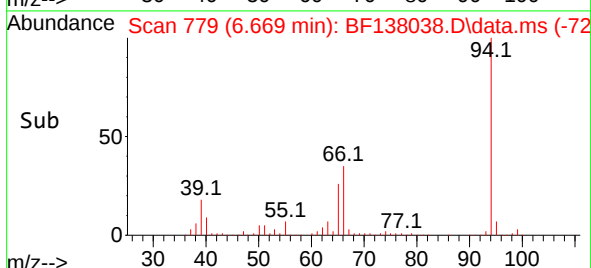
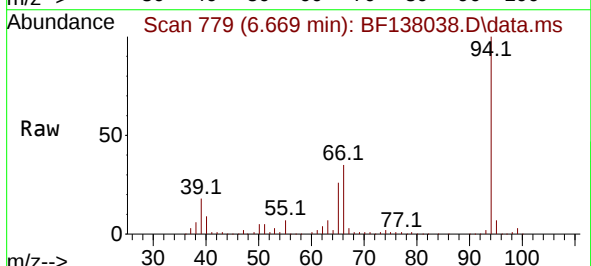
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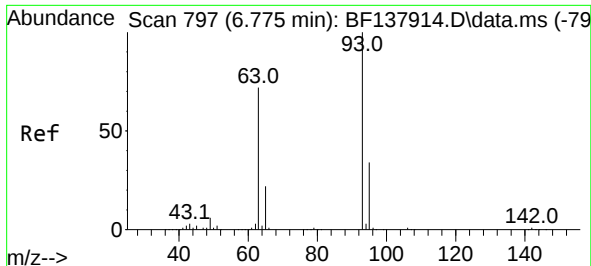
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#10
Phenol
Concen: 40.126 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Tgt Ion: 94 Resp: 415558
Ion Ratio Lower Upper
94 100
65 25.9 7.8 47.8
66 35.3 18.6 58.6





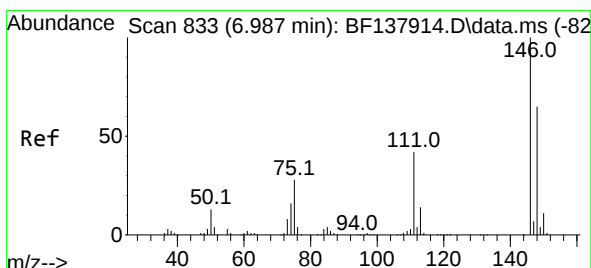
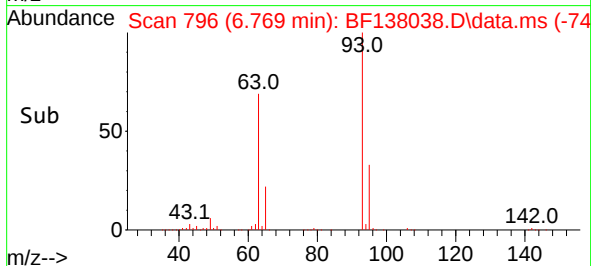
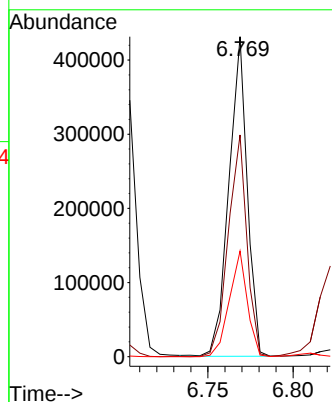
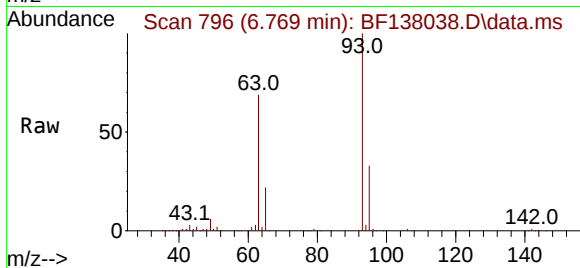
#11
bis(2-Chloroethyl)ether
Concen: 40.771 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 324190
Ion Ratio Lower Upper
93 100
63 69.3 51.4 91.4
95 33.0 13.5 53.5

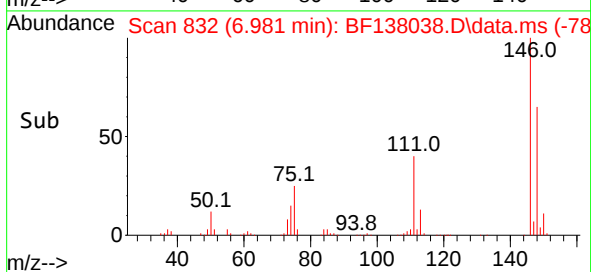
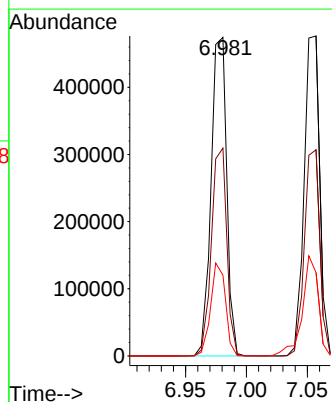
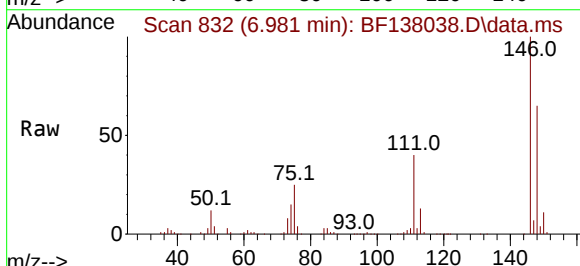
Manual Integrations
APPROVED

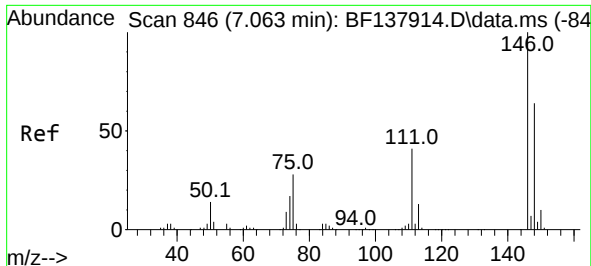
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#12
1,3-Dichlorobenzene
Concen: 40.469 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Tgt Ion:146 Resp: 422051
Ion Ratio Lower Upper
146 100
148 65.2 51.7 77.5
75 25.3 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 40.501 ng

RT: 7.057 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF138038.D

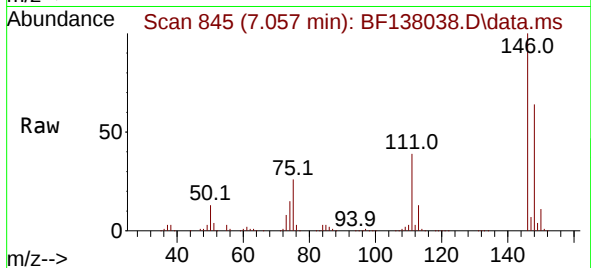
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:146 Resp: 423980

Ion Ratio Lower Upper

146 100

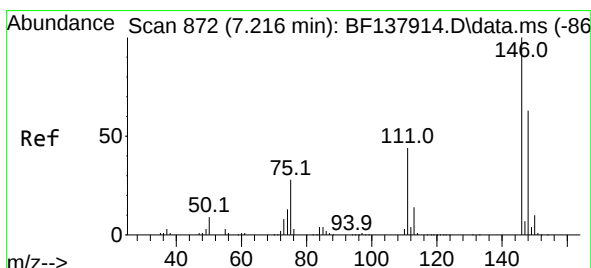
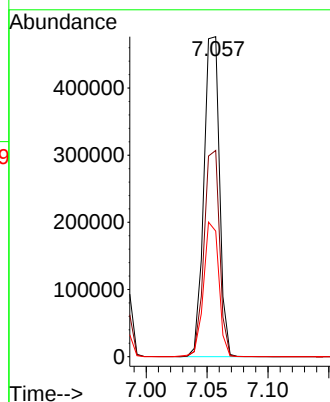
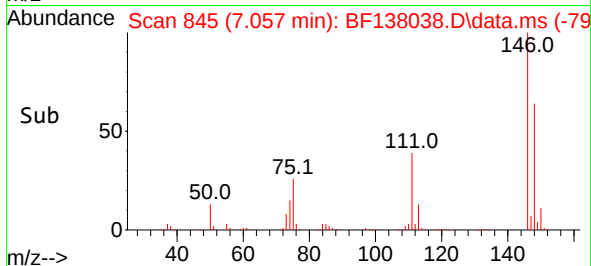
148 64.5 51.0 76.6

111 39.3 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#14

1,2-Dichlorobenzene

Concen: 40.221 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

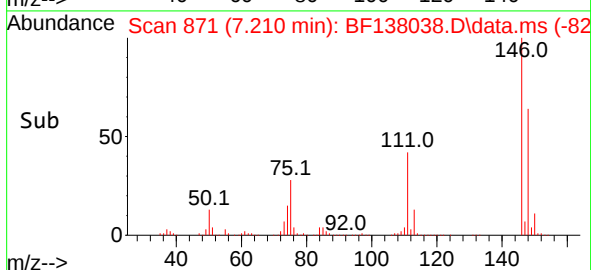
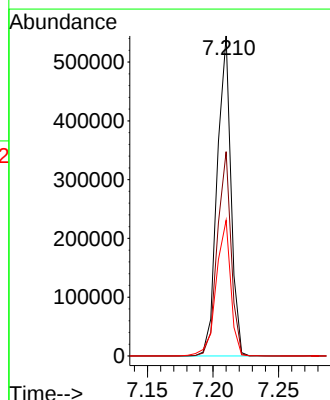
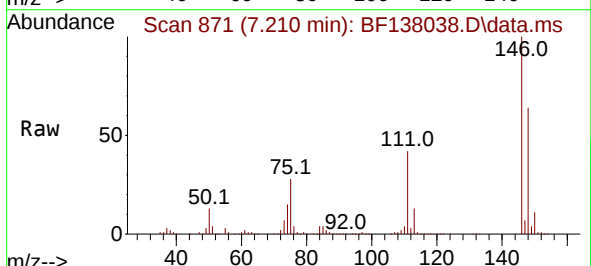
Tgt Ion:146 Resp: 396272

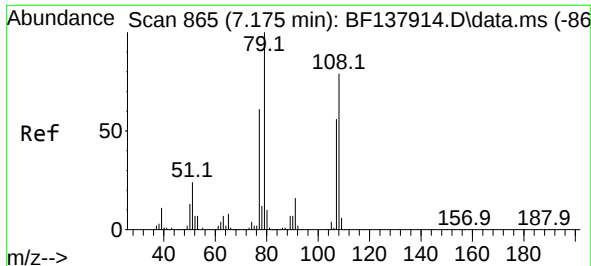
Ion Ratio Lower Upper

146 100

148 63.9 50.2 75.4

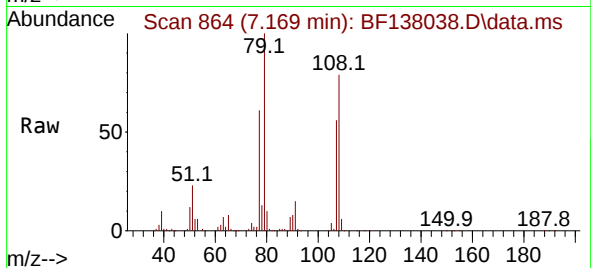
111 42.4 35.1 52.7





#15
Benzyl Alcohol
Concen: 43.252 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

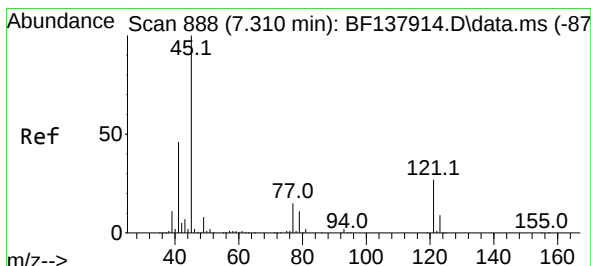
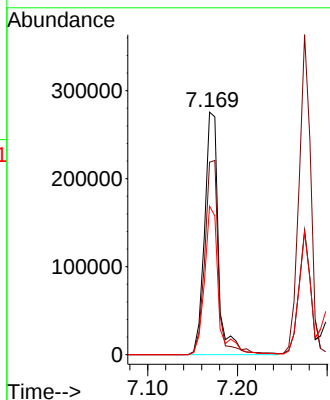
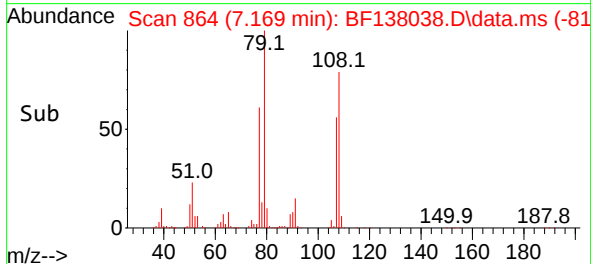
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 29633
Ion Ratio Lower Upper
79 100
108 79.3 62.8 94.2
77 61.2 48.7 73.1

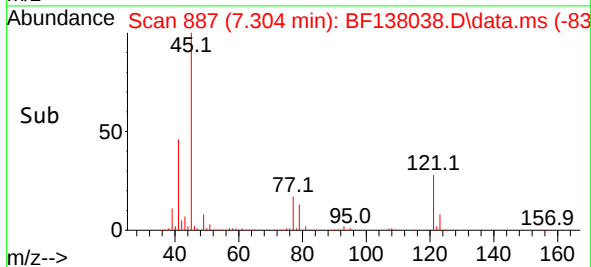
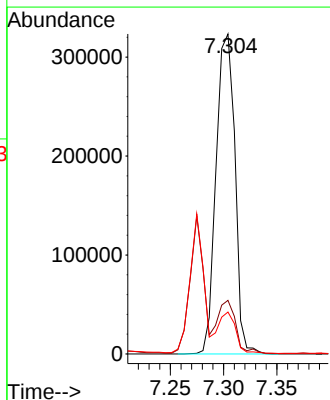
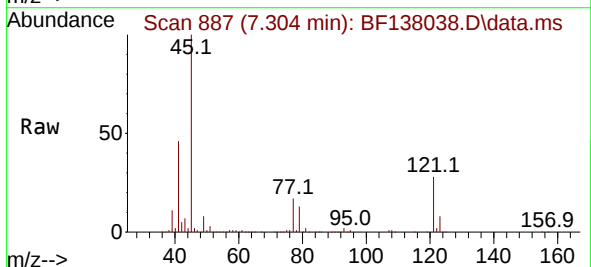
Manual Integrations
APPROVED

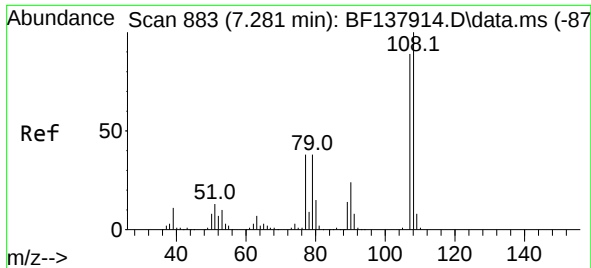
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.599 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Tgt Ion: 45 Resp: 396830
Ion Ratio Lower Upper
45 100
77 16.7 0.0 35.3
79 13.1 0.0 32.1





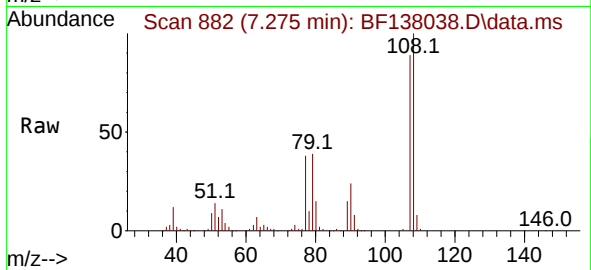
#17
2-Methylphenol
Concen: 40.512 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

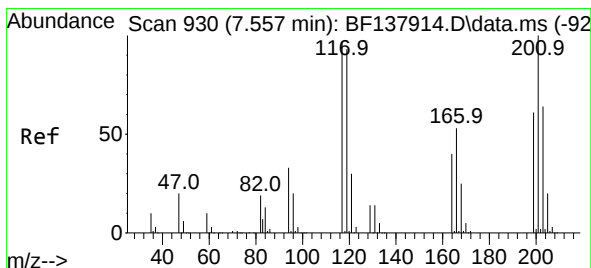
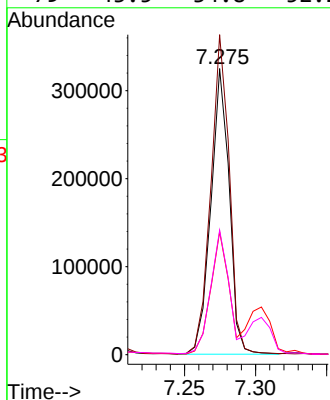
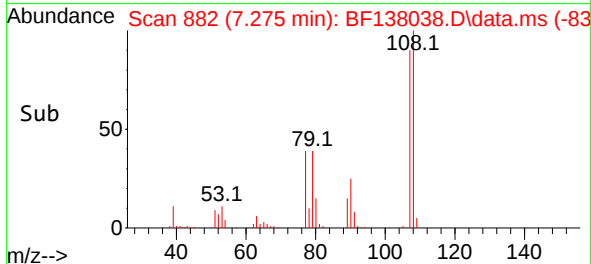


Tgt Ion:107 Resp: 291219
Ion Ratio Lower Upper
107 100
108 111.9 90.1 135.1
77 42.9 34.3 51.5
79 43.5 34.8 52.2

Manual Integrations

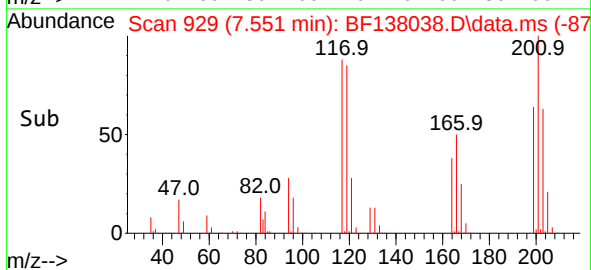
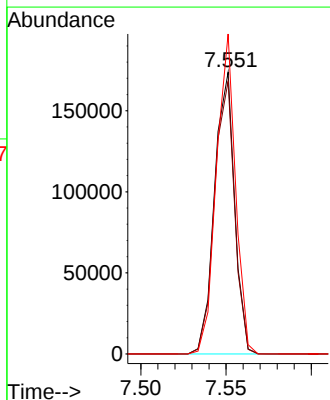
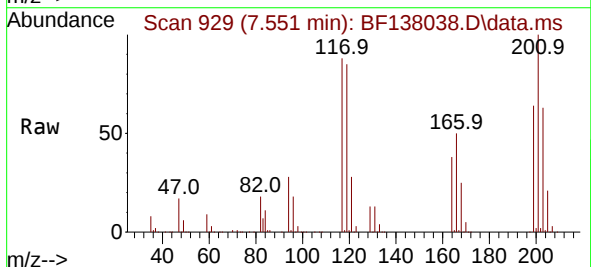
APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#18
Hexachloroethane
Concen: 40.241 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

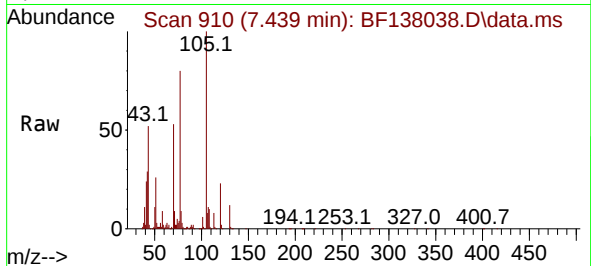
Tgt Ion:117 Resp: 142550
Ion Ratio Lower Upper
117 100
119 96.7 76.8 115.2
201 113.5 82.7 124.1





#19
n-Nitroso-di-n-propylamine
Concen: 40.732 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

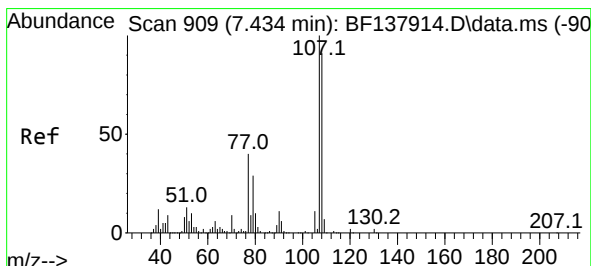
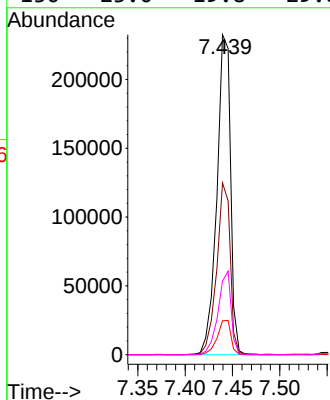
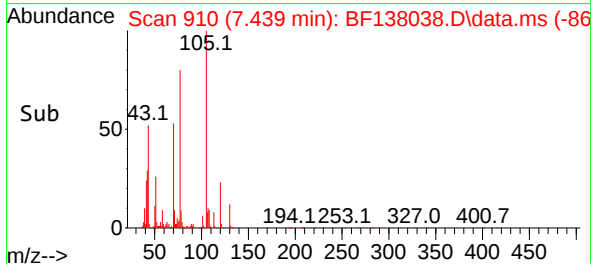
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



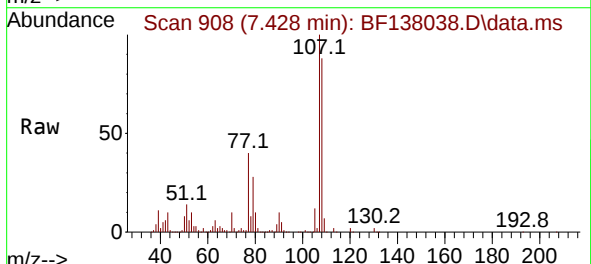
Tgt Ion: 70 Resp: 23479
Ion Ratio Lower Upper
70 100
42 53.7 42.2 63.4
101 10.6 8.8 13.2
130 23.0 19.8 29.8

Manual Integrations
APPROVED

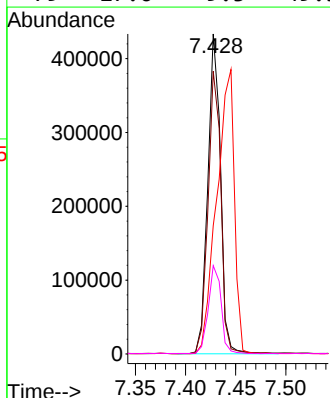
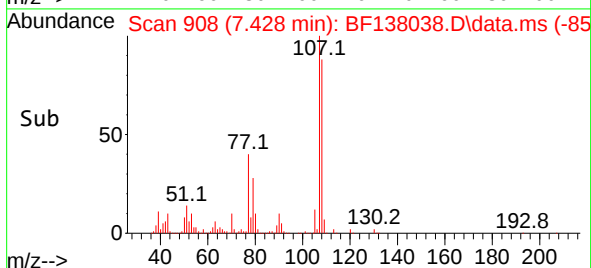
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

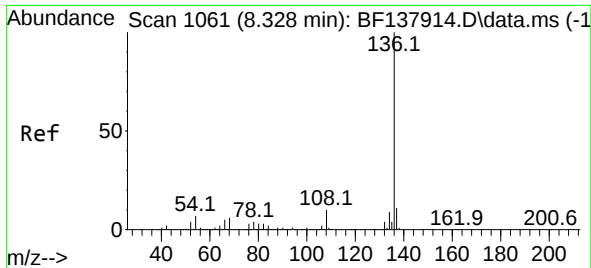


#20
3+4-Methylphenols
Concen: 40.604 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40



Tgt Ion:107 Resp: 382385
Ion Ratio Lower Upper
107 100
108 88.4 70.8 110.8
77 40.1 20.2 60.2
79 27.6 9.3 49.3





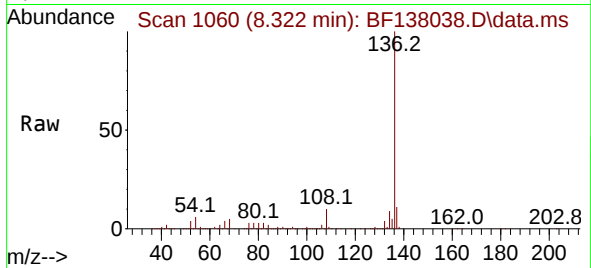
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

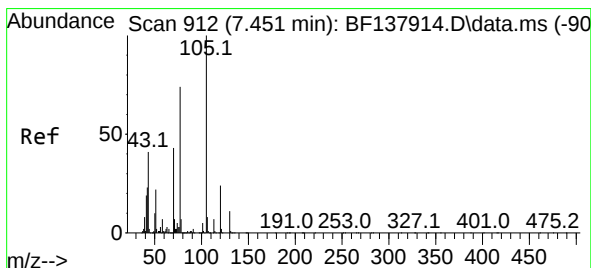
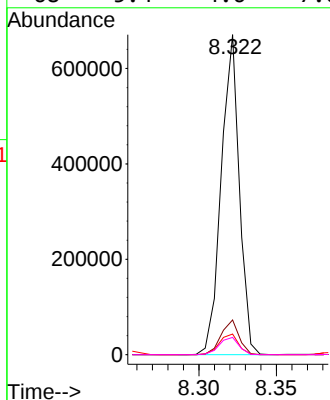
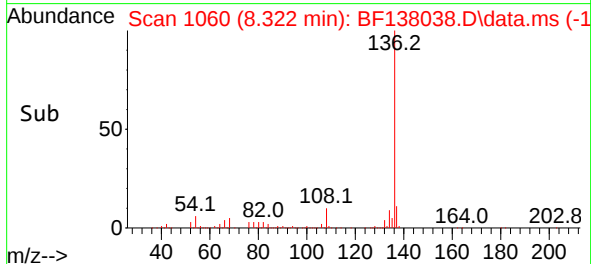


Tgt Ion:136 Resp: 543904
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.5 5.4 8.2
68 5.4 4.6 7.0

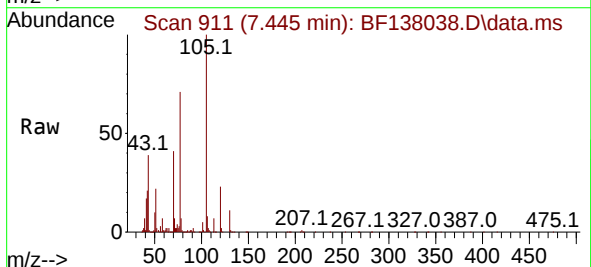
Manual Integrations

APPROVED

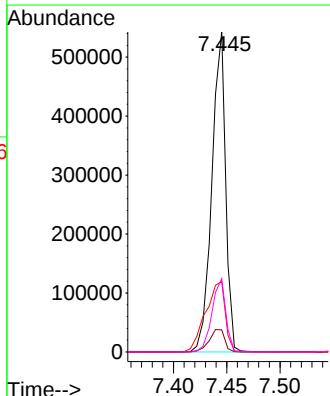
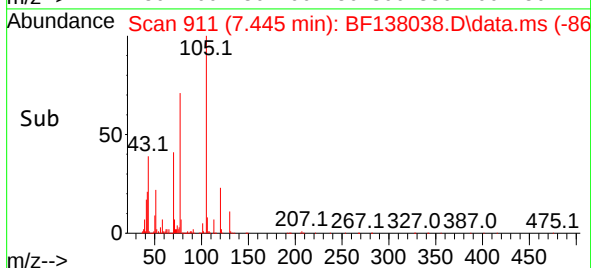
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

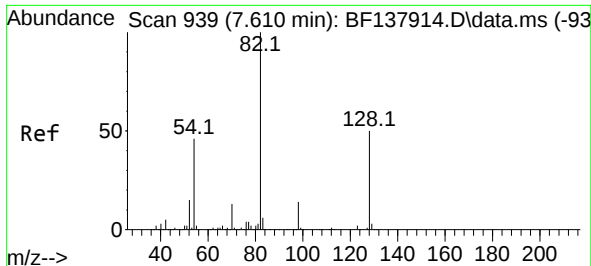


#22
Acetophenone
Concen: 40.200 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40



Tgt Ion:105 Resp: 489811
Ion Ratio Lower Upper
105 100
71 6.9 5.7 8.5
51 21.9 17.8 26.8
120 22.9 19.0 28.6





#23
Nitrobenzene-d5
Concen: 80.968 ng
RT: 7.598 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

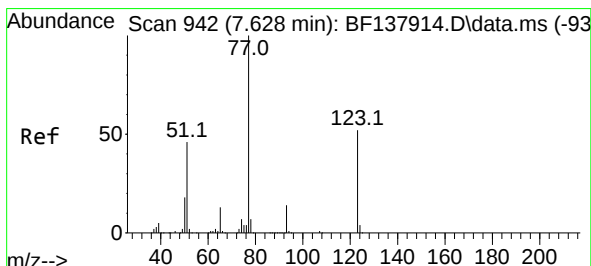
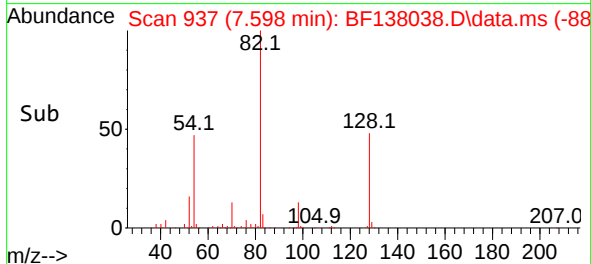
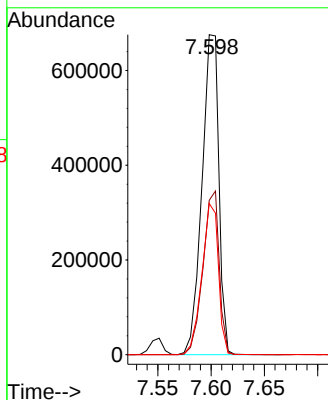
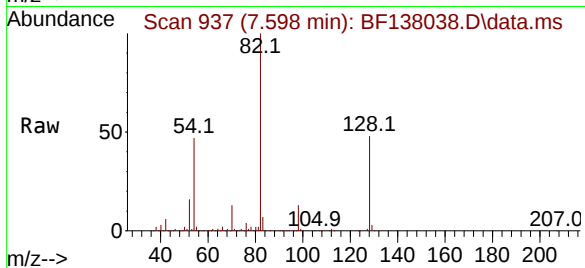
SSTDCCC040

Tgt Ion: 82 Resp: 748318
Ion Ratio Lower Upper
82 100
128 48.3 40.3 60.5
54 47.2 36.8 55.2

Manual Integrations

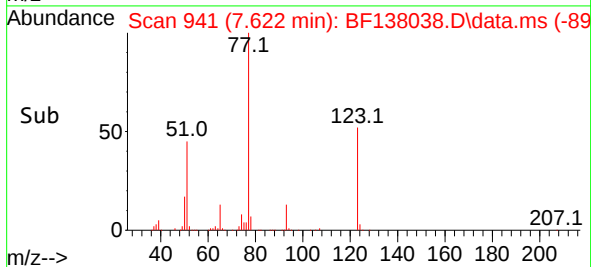
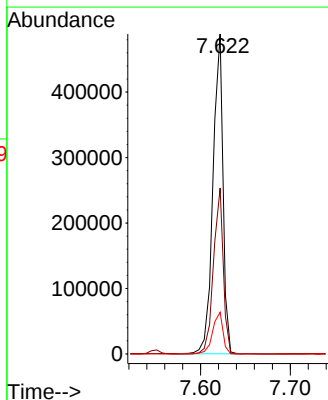
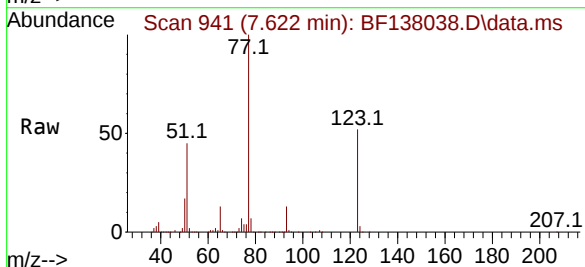
APPROVED

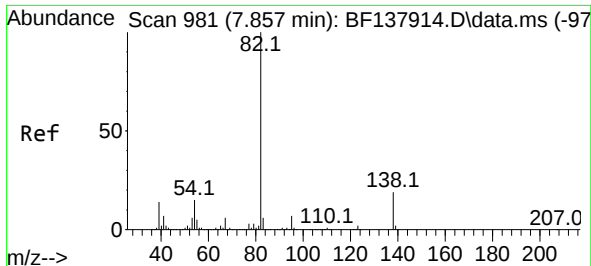
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#24
Nitrobenzene
Concen: 40.496 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Tgt Ion: 77 Resp: 379685
Ion Ratio Lower Upper
77 100
123 51.9 41.4 62.2
65 13.0 10.5 15.7





#25
Isophorone
Concen: 40.663 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

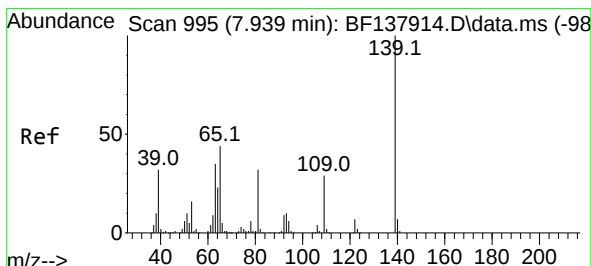
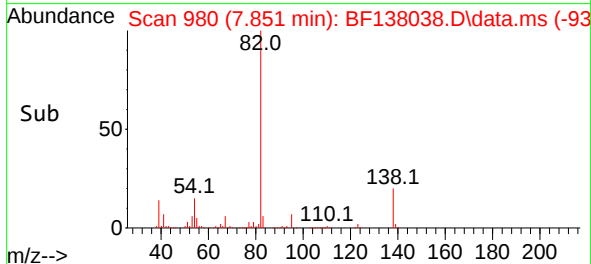
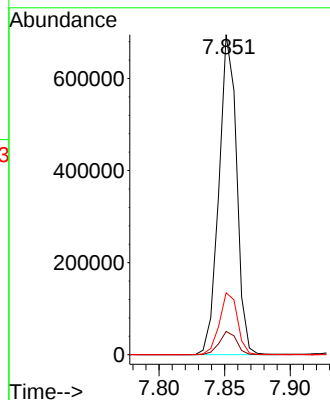
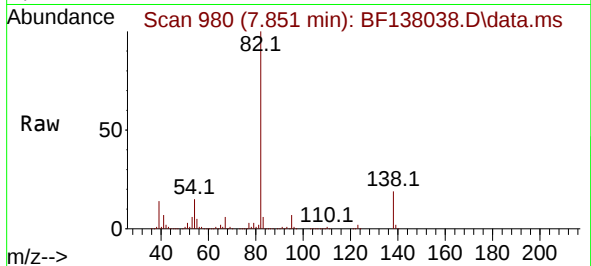
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 65225
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 19.3 15.0 22.4

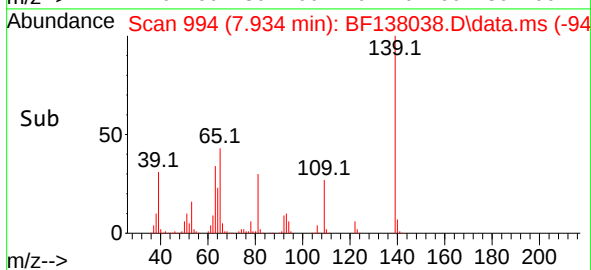
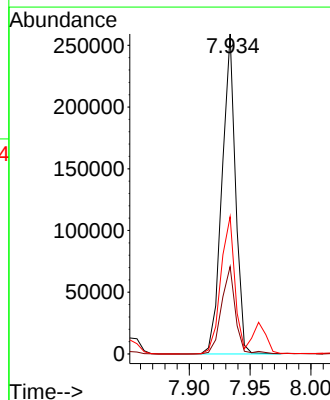
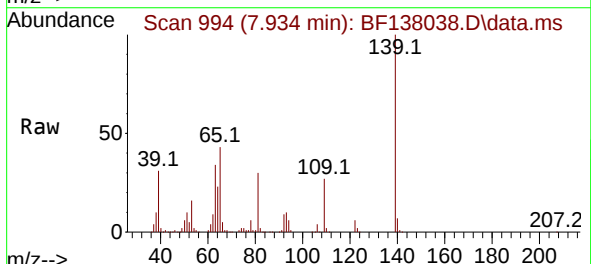
Manual Integrations
APPROVED

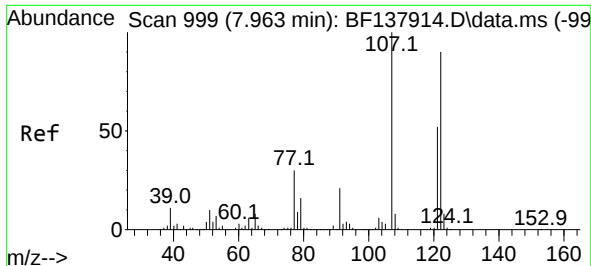
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#26
2-Nitrophenol
Concen: 42.715 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Tgt Ion:139 Resp: 201234
Ion Ratio Lower Upper
139 100
109 27.3 22.8 34.2
65 42.9 35.2 52.8





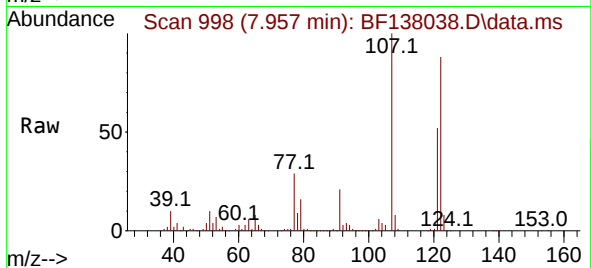
#27
2,4-Dimethylphenol
Concen: 40.148 ng
RT: 7.957 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

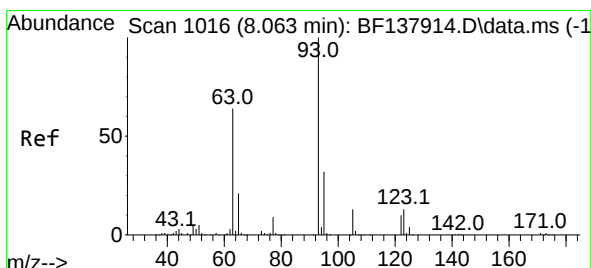
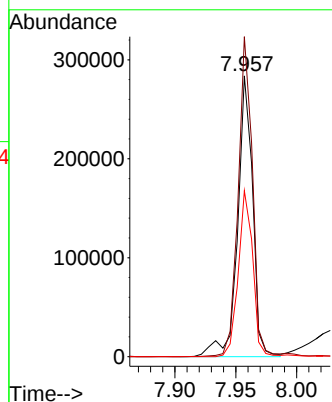
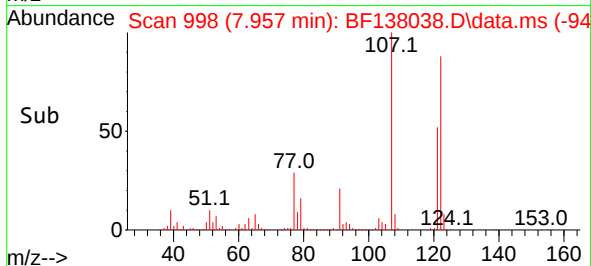


Tgt Ion:122 Resp: 24351
Ion Ratio Lower Upper
122 100
107 113.9 89.0 133.4
121 59.1 46.2 69.4

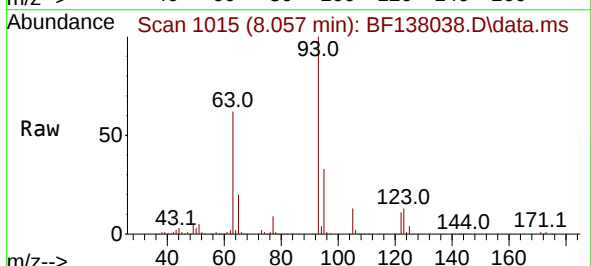
Manual Integrations

APPROVED

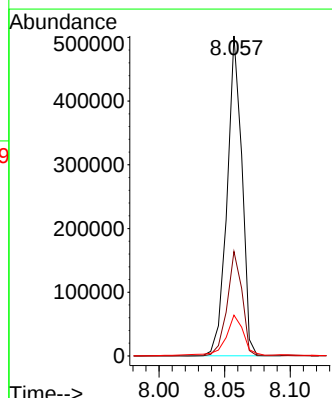
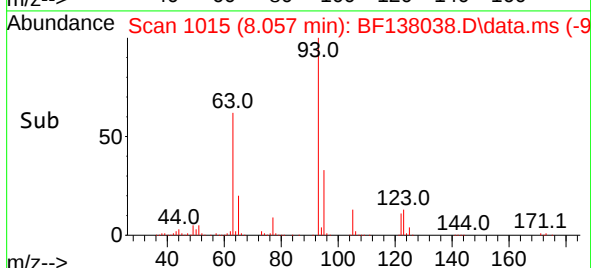
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

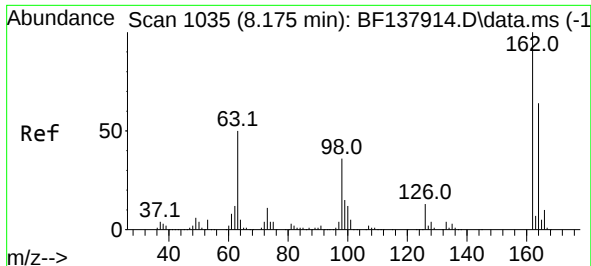


#28
bis(2-Chloroethoxy)methane
Concen: 40.476 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40



Tgt Ion: 93 Resp: 393494
Ion Ratio Lower Upper
93 100
95 32.6 25.9 38.9
123 12.8 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 41.384 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

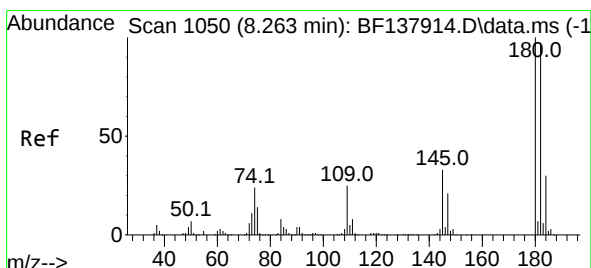
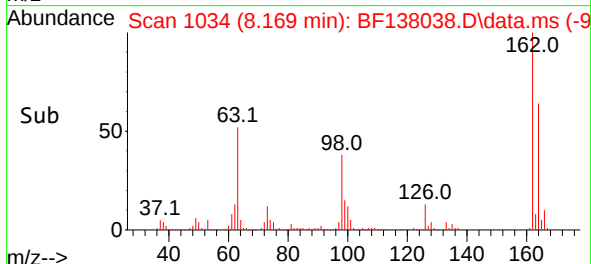
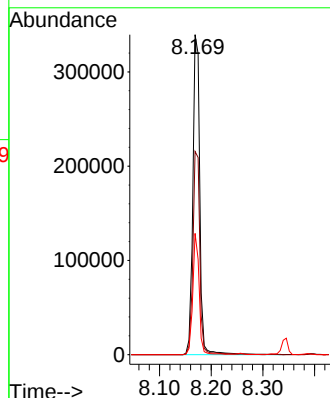
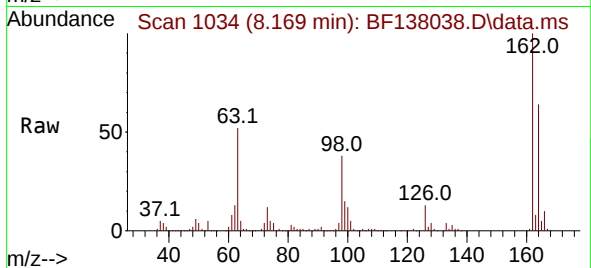
SSTDCCC040

Tgt Ion:162 Resp: 31564
 Ion Ratio Lower Upper
 162 100
 164 63.5 44.3 84.3
 98 37.9 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.704 ng

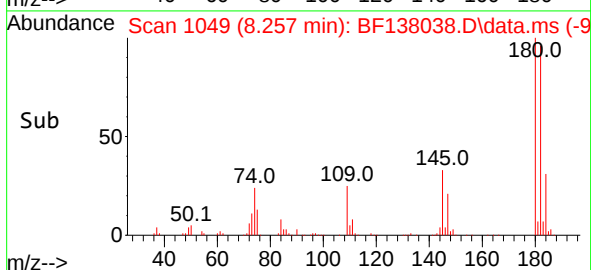
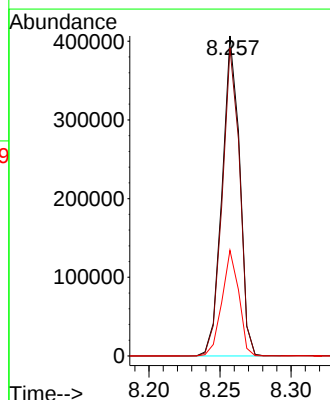
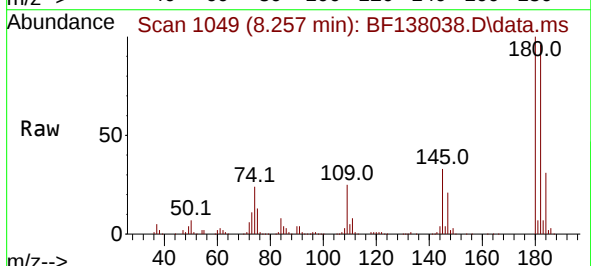
RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

Tgt Ion:180 Resp: 346629
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.5 114.7
 145 33.0 26.2 39.2





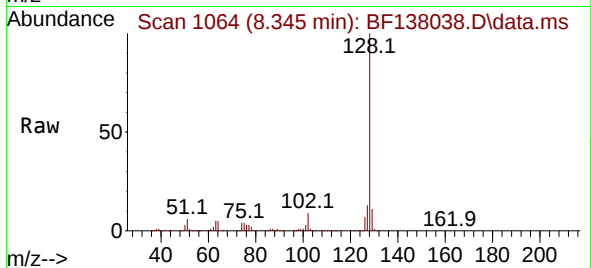
#31
Naphthalene
Concen: 40.389 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

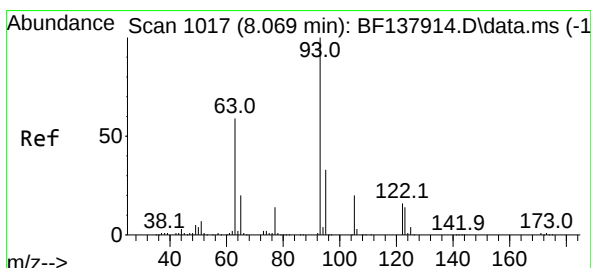
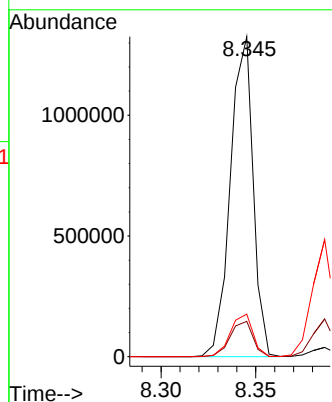
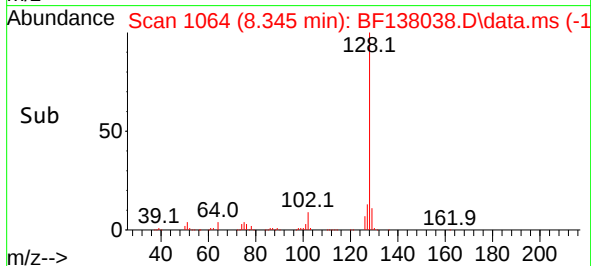


Tgt Ion:128 Resp: 110454
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.6 16.0

Manual Integrations

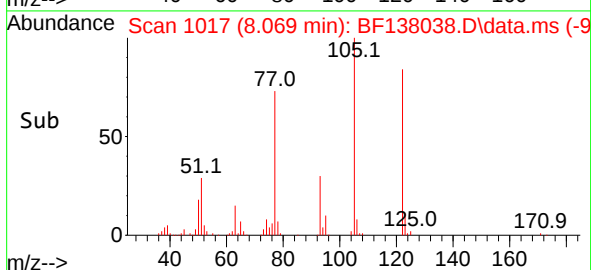
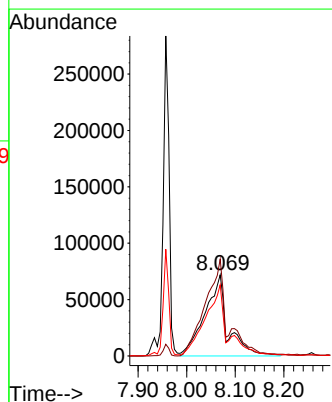
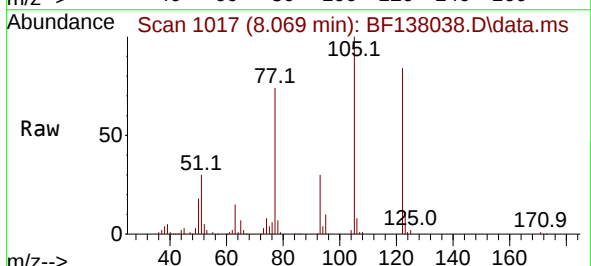
APPROVED

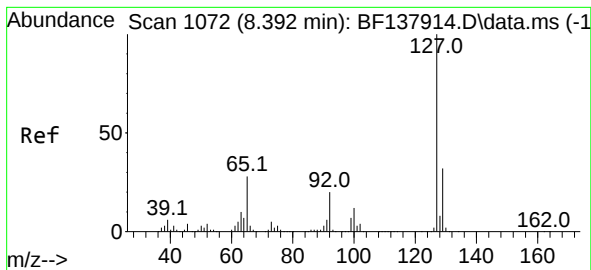
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#32
Benzoic acid
Concen: 45.657 ng m
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Tgt Ion:122 Resp: 234094
Ion Ratio Lower Upper
122 100
105 119.4 103.8 143.8
77 87.9 68.4 108.4





#33
4-Chloroaniline
Concen: 43.356 ng
RT: 8.386 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

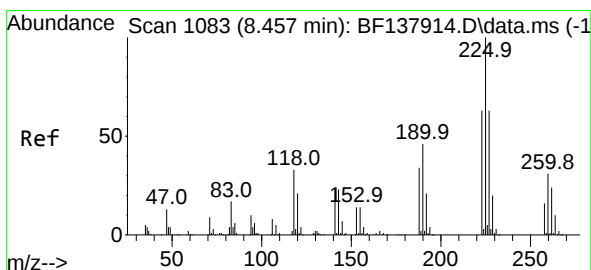
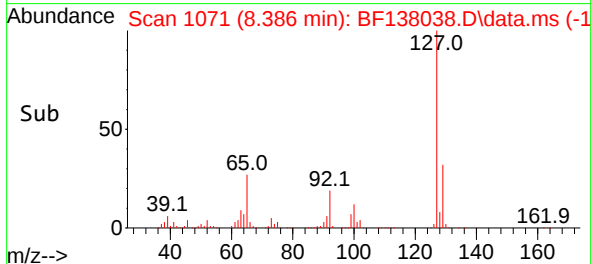
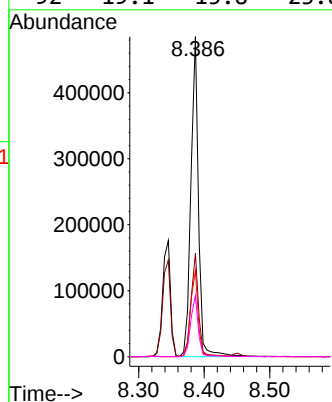
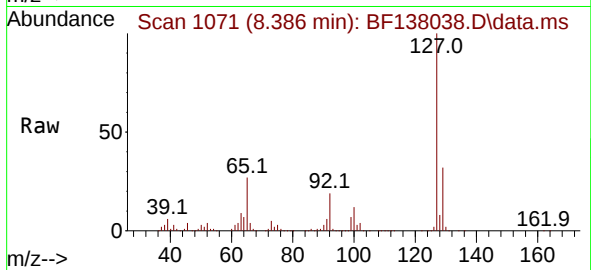
SSTDCCC040

Tgt Ion:127 Resp: 388694
Ion Ratio Lower Upper
127 100
129 32.3 25.4 38.2
65 27.0 22.0 33.0
92 19.1 15.8 23.8

Manual Integrations

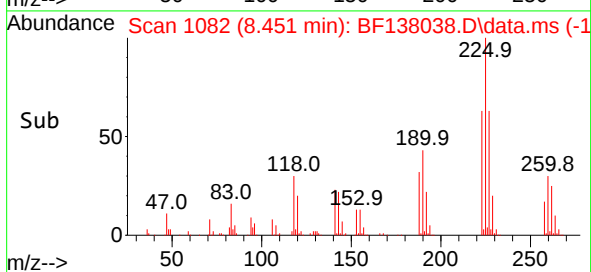
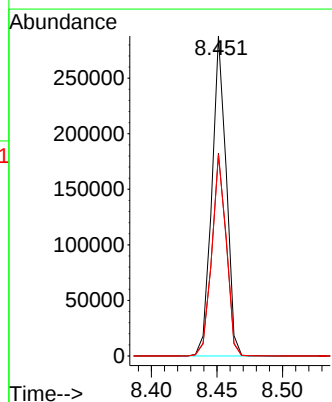
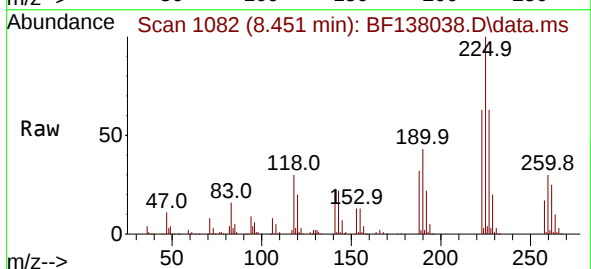
APPROVED

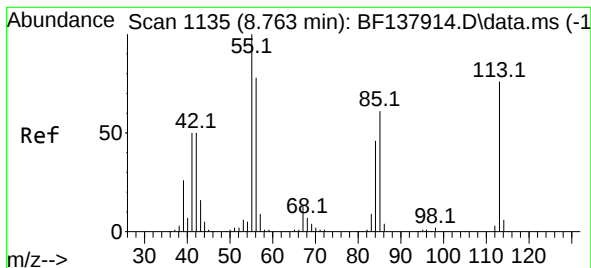
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#34
Hexachlorobutadiene
Concen: 40.691 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Tgt Ion:225 Resp: 219333
Ion Ratio Lower Upper
225 100
223 63.3 50.0 75.0
227 62.8 50.2 75.4





#35

Caprolactam

Concen: 43.843 ng

RT: 8.763 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

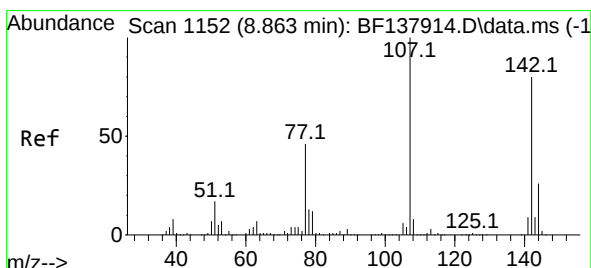
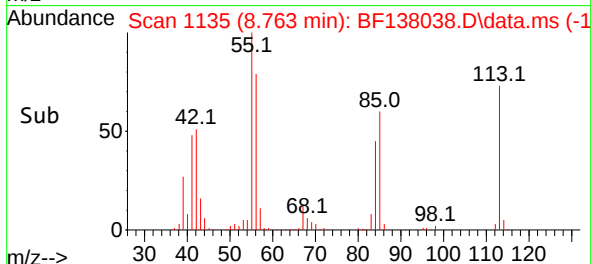
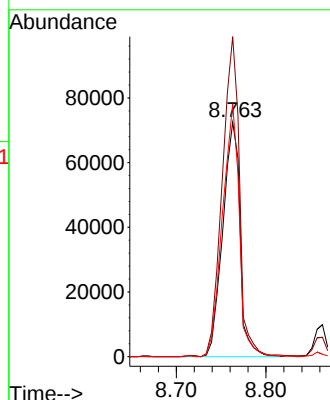
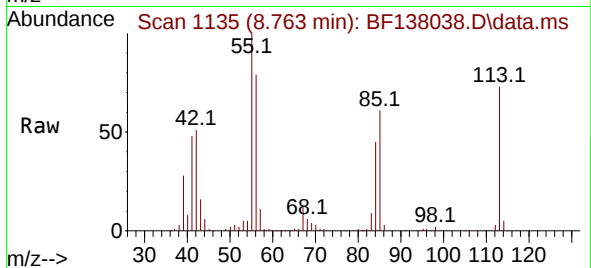
SSTDCCC040

Tgt Ion:	113	Resp:	96880
Ion Ratio	Lower	Upper	
113	100		
55	136.6	112.3	152.3
56	107.9	82.7	122.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#36

4-Chloro-3-methylphenol

Concen: 41.678 ng

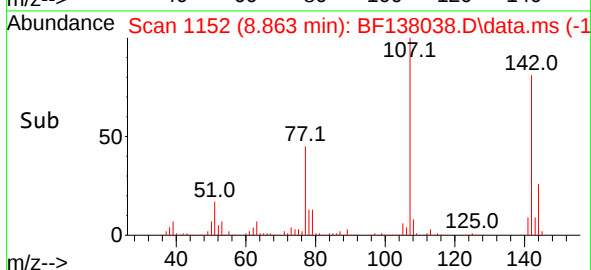
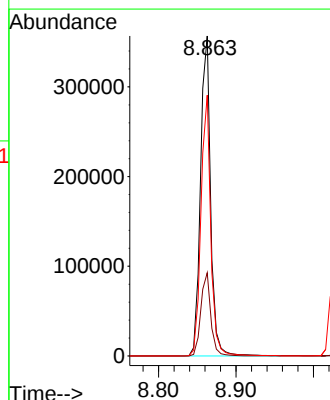
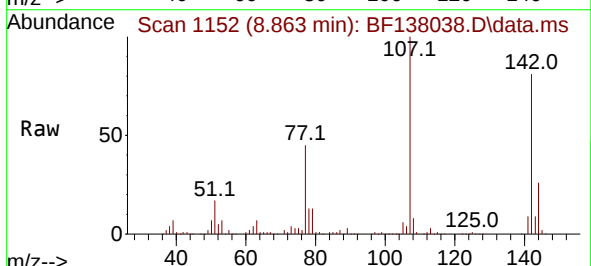
RT: 8.863 min Scan# 1152

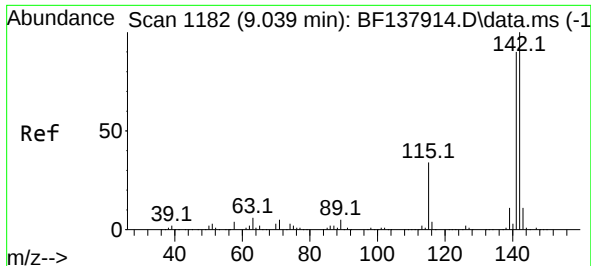
Delta R.T. 0.000 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

Tgt Ion:	107	Resp:	323375
Ion Ratio	Lower	Upper	
107	100		
144	26.0	20.7	31.1
142	81.5	64.0	96.0





#37
2-Methylnaphthalene
Concen: 40.803 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

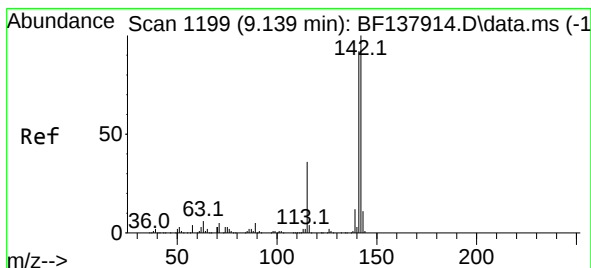
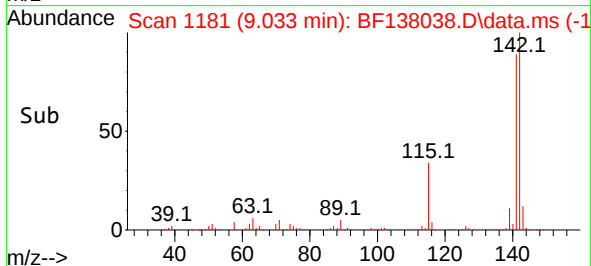
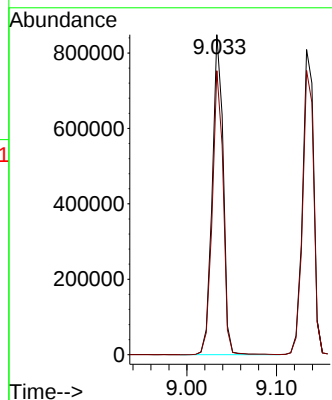
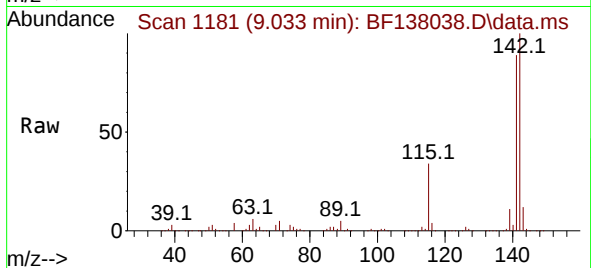
SSTDCCC040

Tgt Ion:142 Resp: 717270
Ion Ratio Lower Upper
142 100
141 88.8 72.0 108.0

Manual Integrations

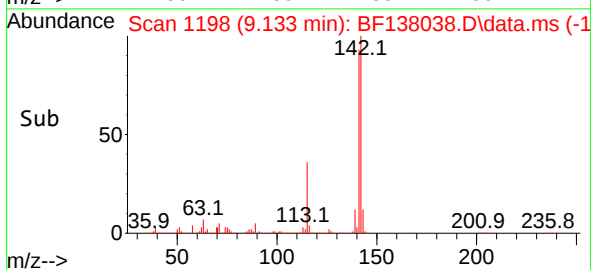
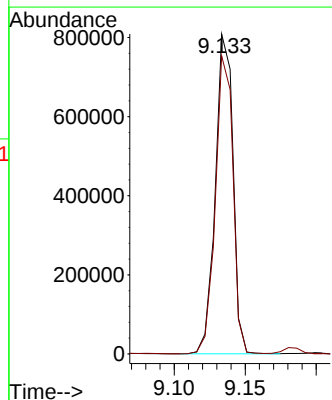
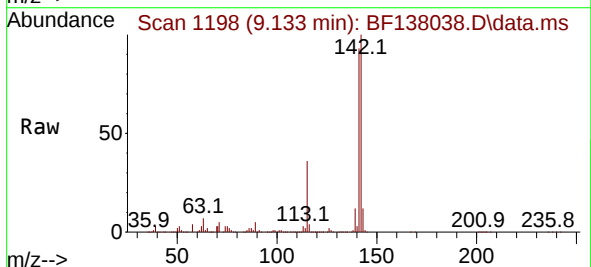
APPROVED

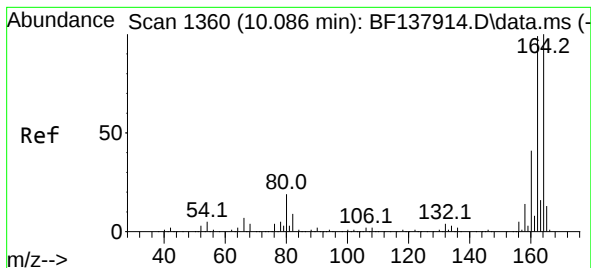
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#38
1-Methylnaphthalene
Concen: 40.309 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Tgt Ion:142 Resp: 696626
Ion Ratio Lower Upper
142 100
141 93.1 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: BF138038.D

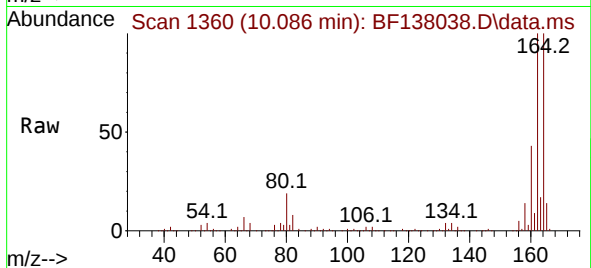
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 302440

Ion Ratio Lower Upper

164 100

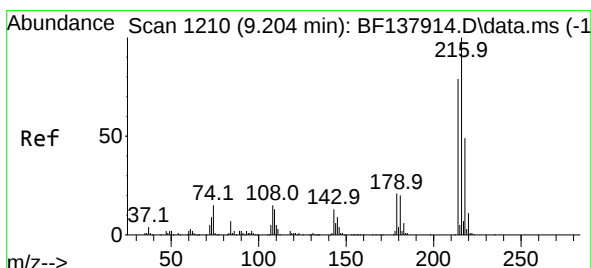
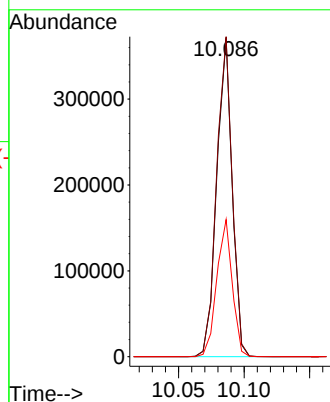
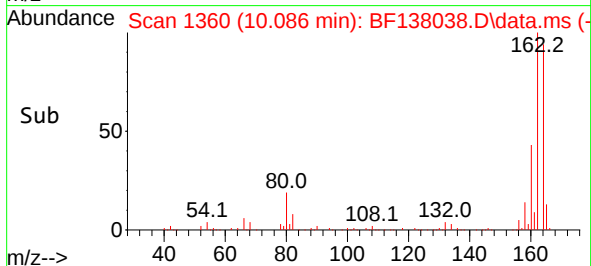
162 100.5 79.4 119.2

160 43.1 33.1 49.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.472 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

Tgt Ion:216 Resp: 341001

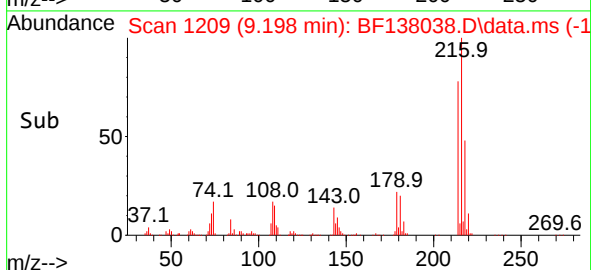
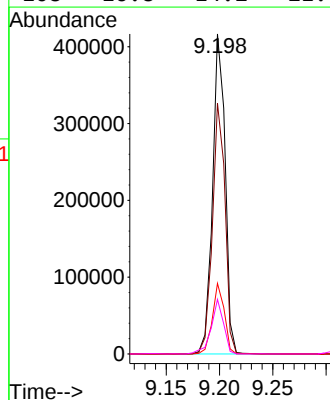
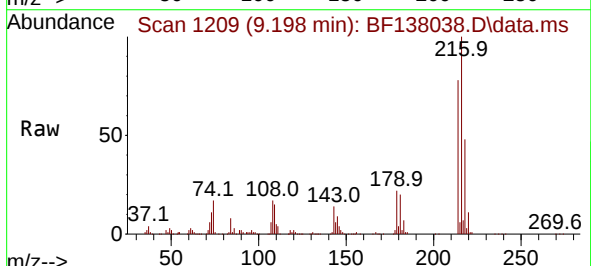
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 21.1 17.0 25.4

108 16.8 14.2 21.4





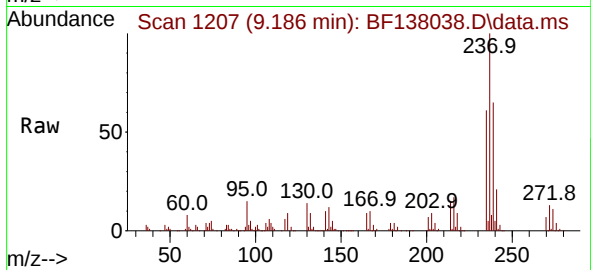
#41
Hexachlorocyclopentadiene
Concen: 38.495 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

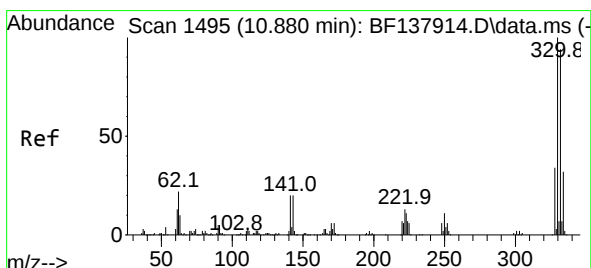
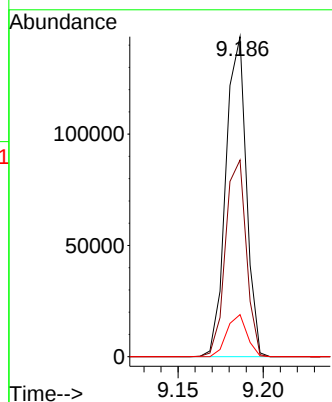
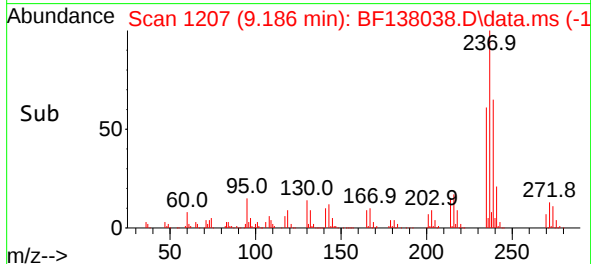


Tgt Ion: 237 Resp: 120270
Ion Ratio Lower Upper
237 100
235 61.4 42.8 82.8
272 13.2 0.0 32.0

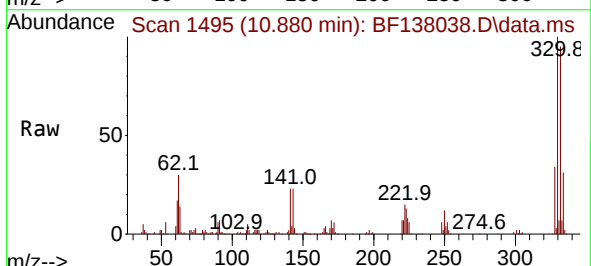
Manual Integrations

APPROVED

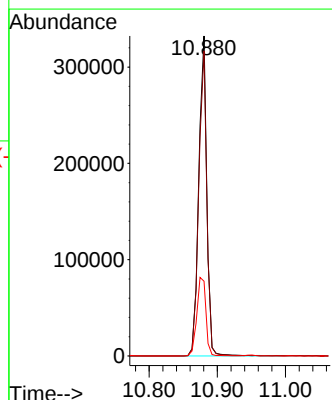
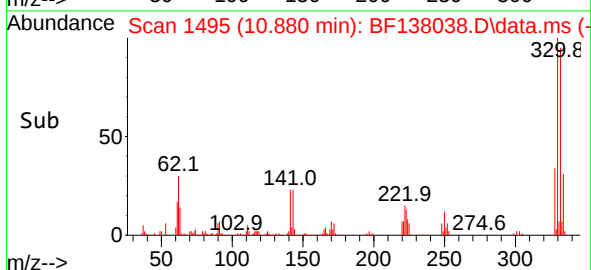
Reviewed By : Jagrut Upadhyay 05/29/2024
Supervised By : mohammad ahmed 05/30/2024

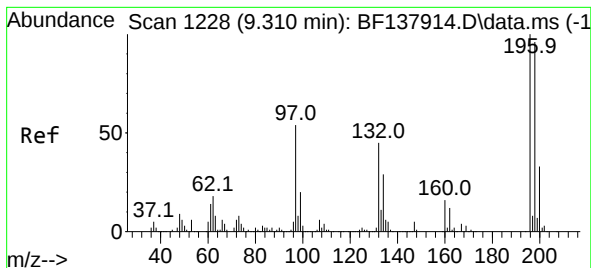


#42
2,4,6-Tribromophenol
Concen: 89.406 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40



Tgt Ion: 330 Resp: 272649
Ion Ratio Lower Upper
330 100
332 95.7 75.8 113.8
141 27.9 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 42.017 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF138038.D

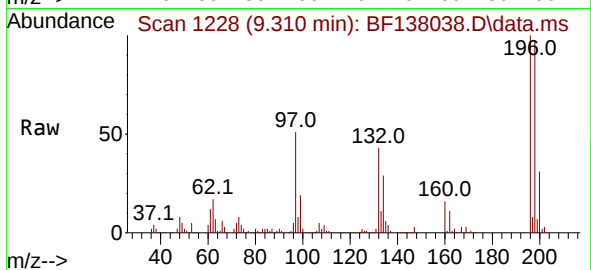
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 22652

Ion Ratio Lower Upper

196 100

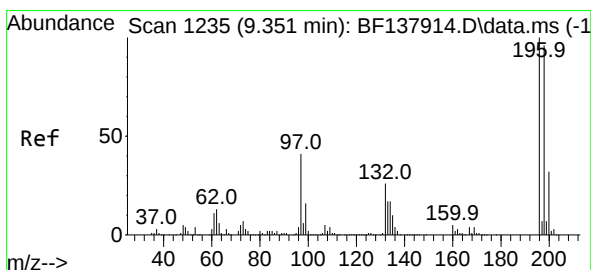
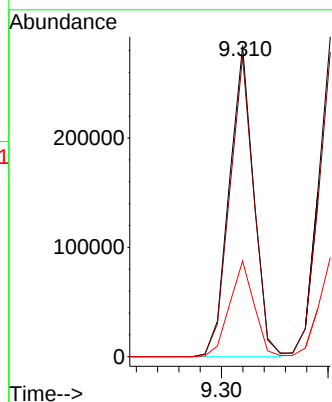
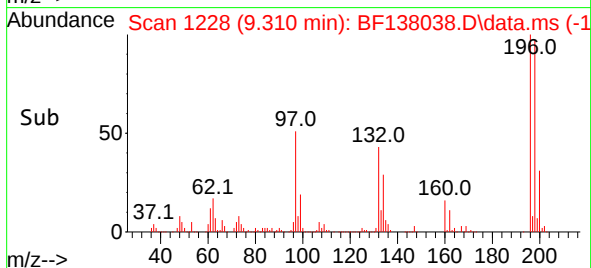
198 96.6 77.0 115.4

200 30.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#44

2,4,5-Trichlorophenol

Concen: 42.044 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

Tgt Ion:196 Resp: 248015

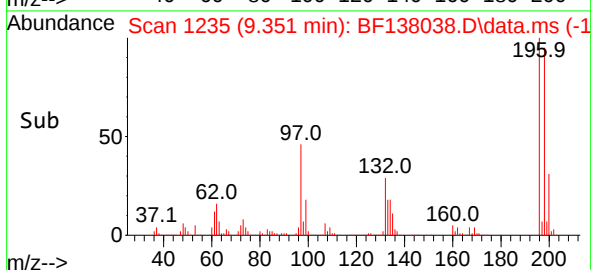
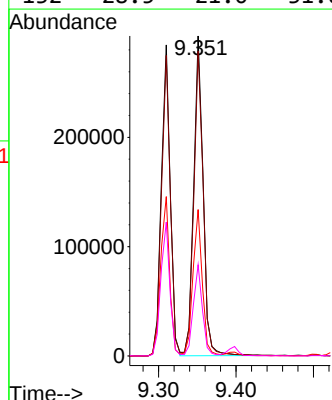
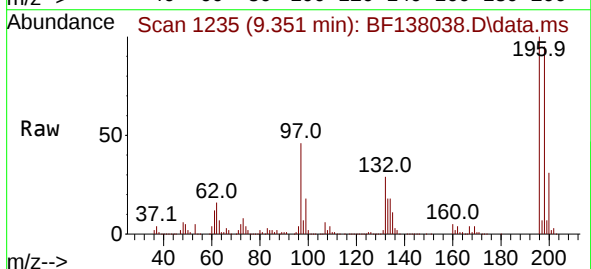
Ion Ratio Lower Upper

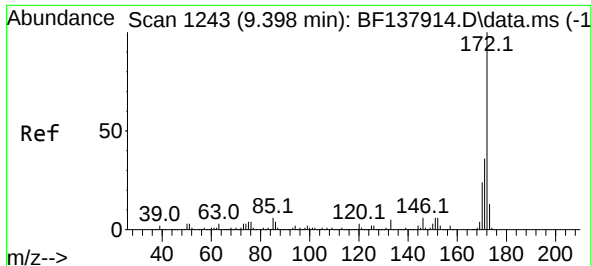
196 100

198 95.3 77.4 116.0

97 45.7 32.9 49.3

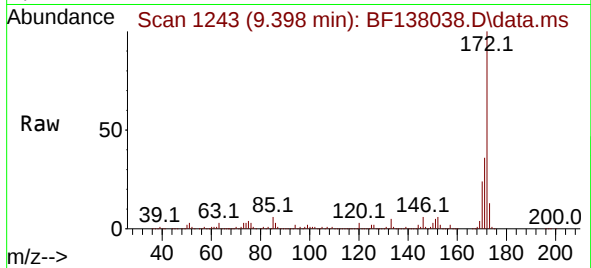
132 28.5 21.0 31.6





#45
2-Fluorobiphenyl
Concen: 80.636 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

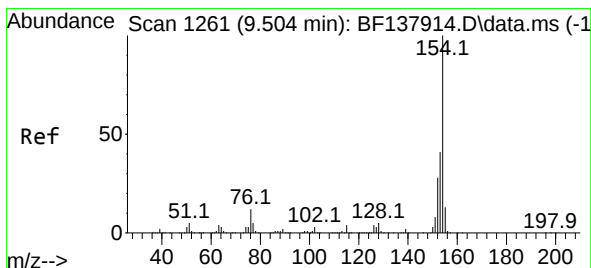
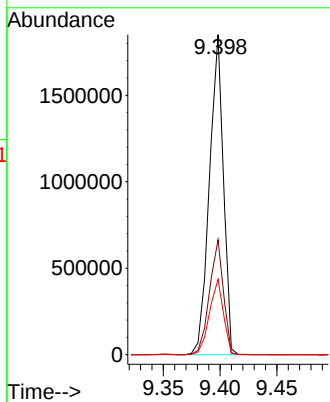
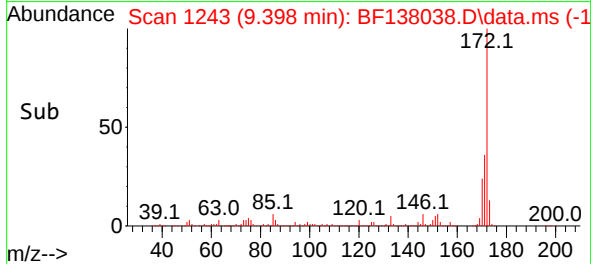
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



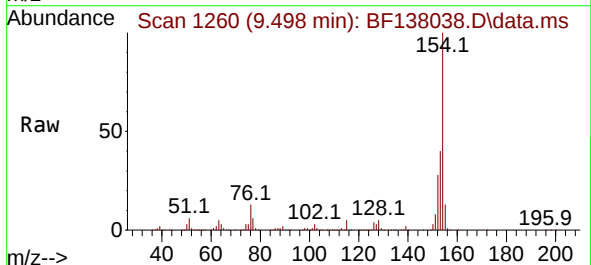
Tgt Ion:172 Resp: 1583240
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.5 18.9 28.3

Manual Integrations
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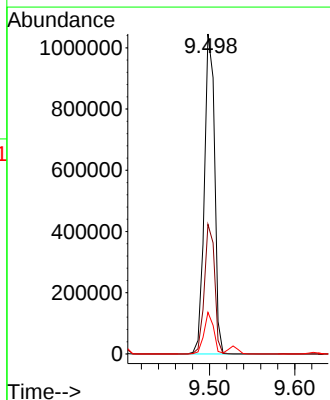
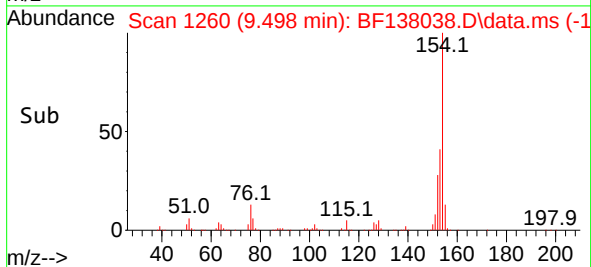
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

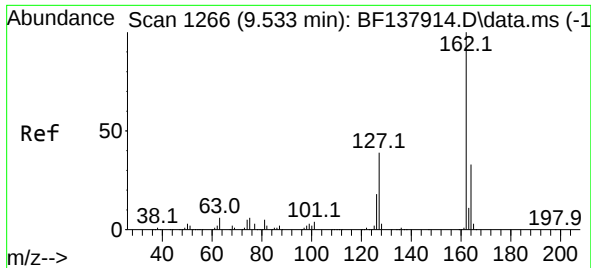


#46
1,1'-Biphenyl
Concen: 41.106 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40



Tgt Ion:154 Resp: 871980
Ion Ratio Lower Upper
154 100
153 40.5 21.3 61.3
76 13.0 0.0 31.9





#47
2-Chloronaphthalene
Concen: 41.477 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

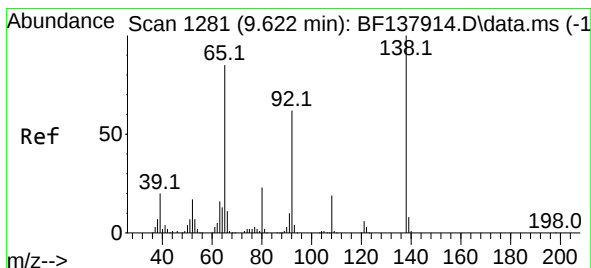
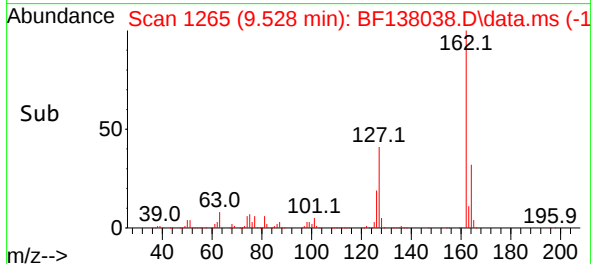
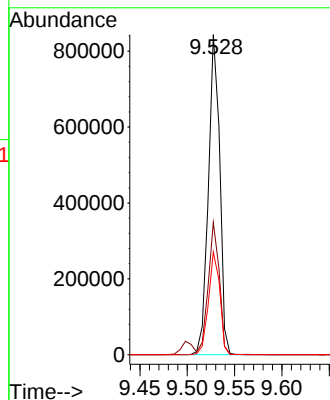
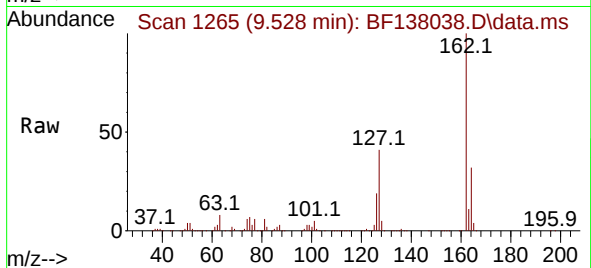
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 70236
Ion Ratio Lower Upper
162 100
127 41.4 32.0 48.0
164 32.1 26.2 39.4

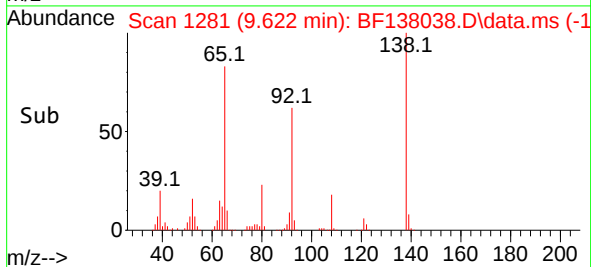
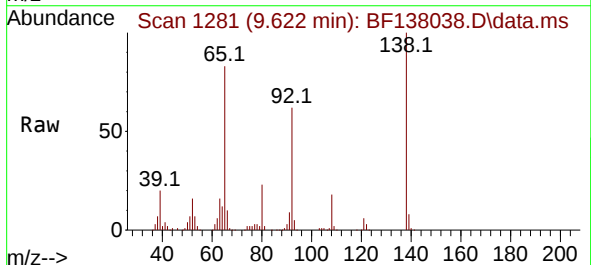
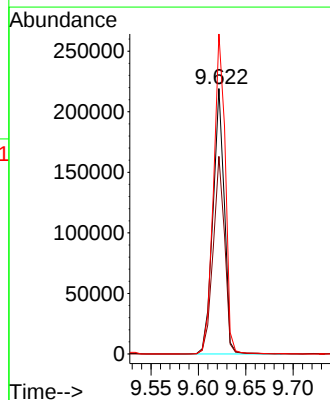
Manual Integrations
APPROVED

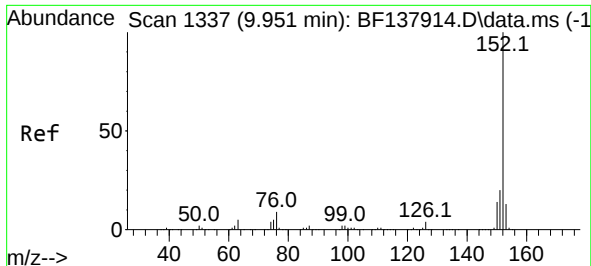
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#48
2-Nitroaniline
Concen: 42.294 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Tgt Ion: 65 Resp: 183401
Ion Ratio Lower Upper
65 100
92 74.4 58.6 88.0
138 120.5 94.1 141.1





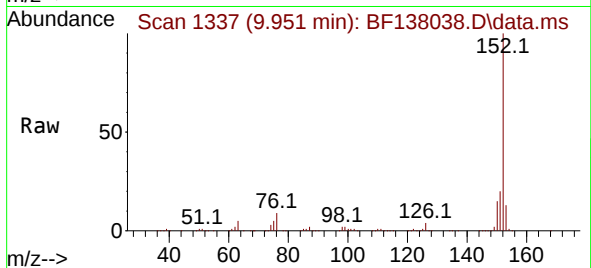
#49
Acenaphthylene
Concen: 41.568 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

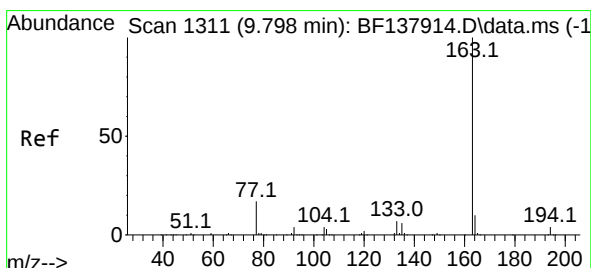
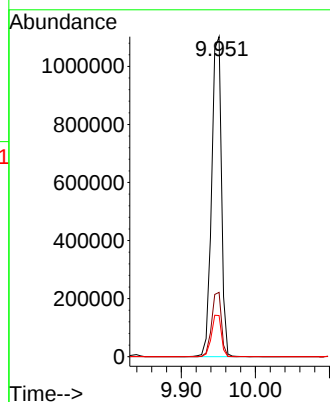
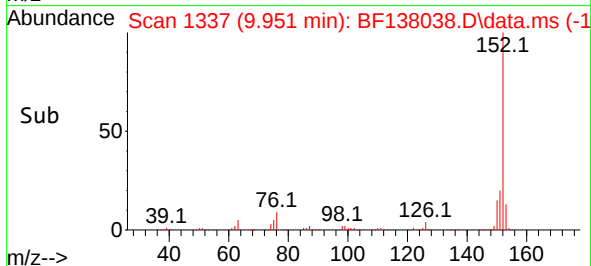


Tgt Ion:152 Resp: 101212
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 12.8 10.2 15.4

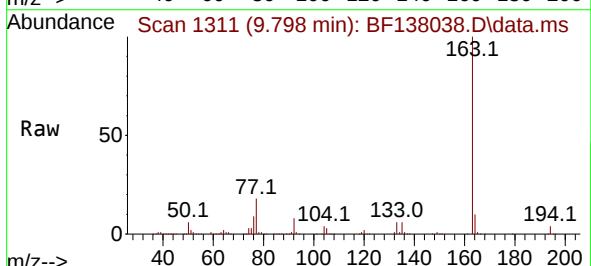
Manual Integrations

APPROVED

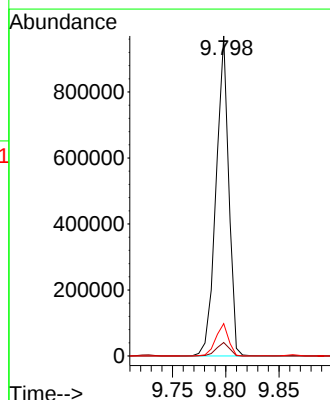
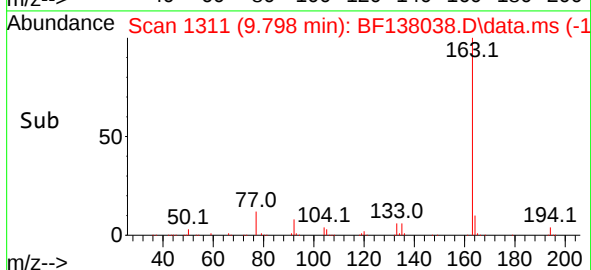
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

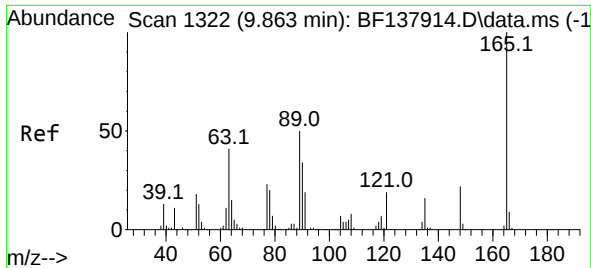


#50
Dimethylphthalate
Concen: 42.256 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40



Tgt Ion:163 Resp: 801409
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 43.950 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

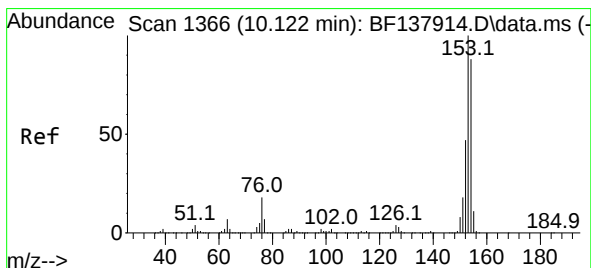
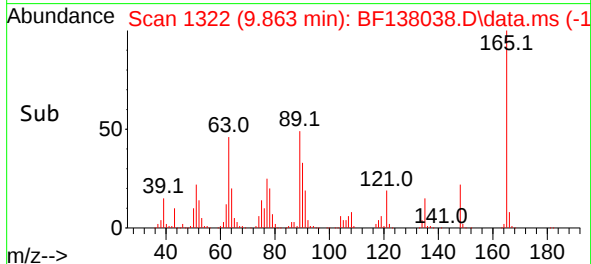
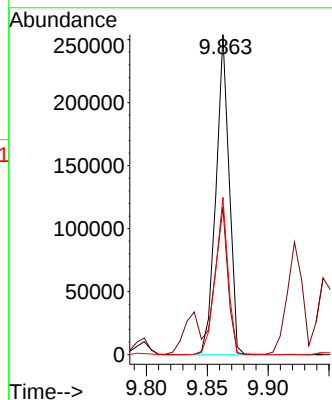
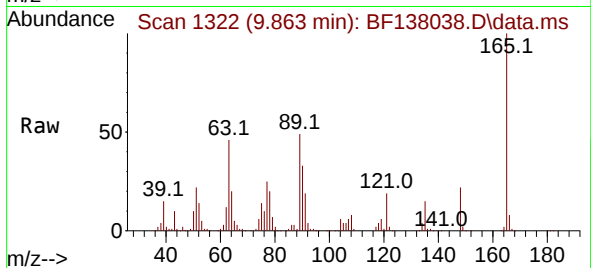
SSTDCCC040

Tgt Ion:165 Resp: 191308
Ion Ratio Lower Upper
165 100
63 46.1 38.9 58.3
89 49.1 40.4 60.6

Manual Integrations

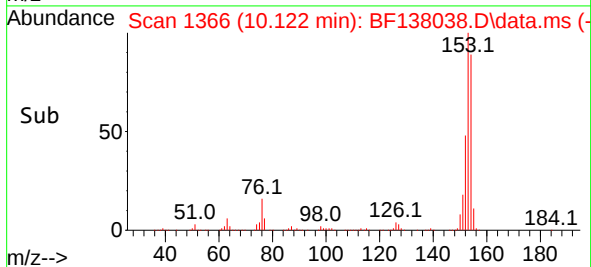
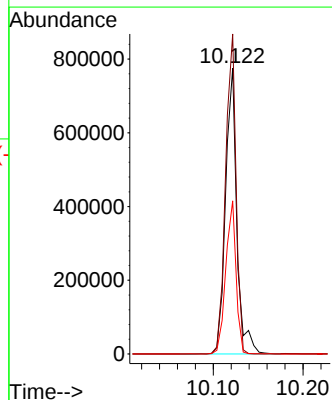
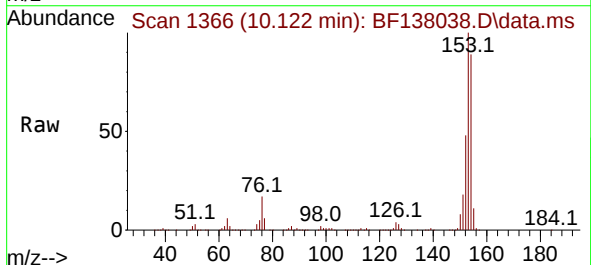
APPROVED

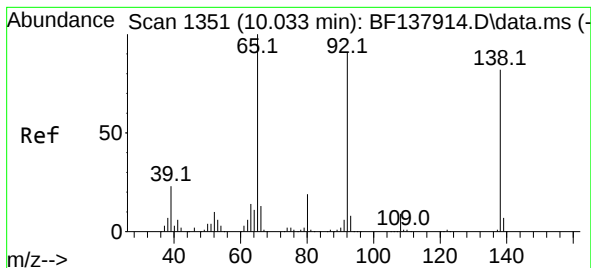
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#52
Acenaphthene
Concen: 42.059 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Tgt Ion:154 Resp: 676856
Ion Ratio Lower Upper
154 100
153 112.0 90.4 135.6
152 53.6 42.3 63.5





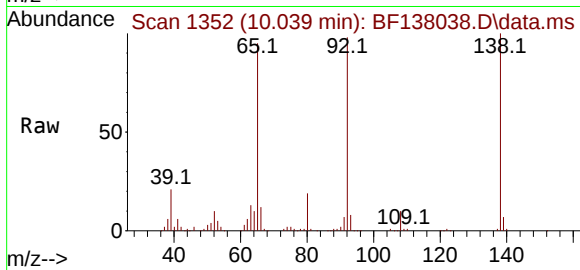
#53
3-Nitroaniline
Concen: 44.179 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

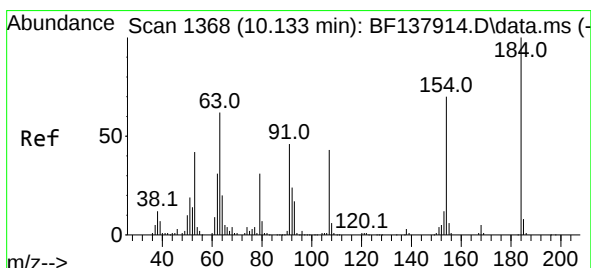
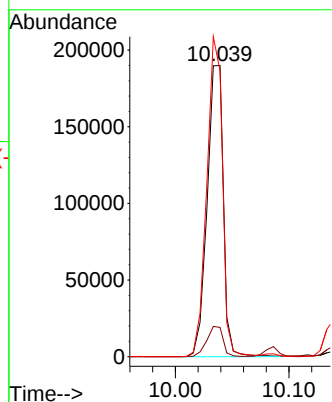
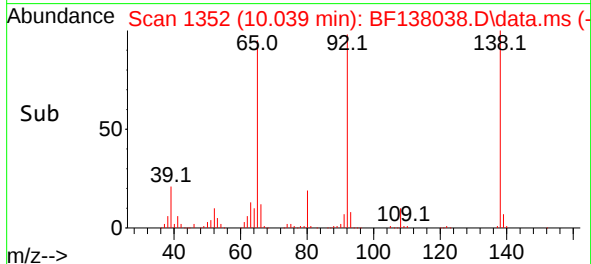


Tgt Ion:138 Resp: 188000
Ion Ratio Lower Upper
138 100
108 10.1 8.8 13.2
92 98.1 88.6 133.0

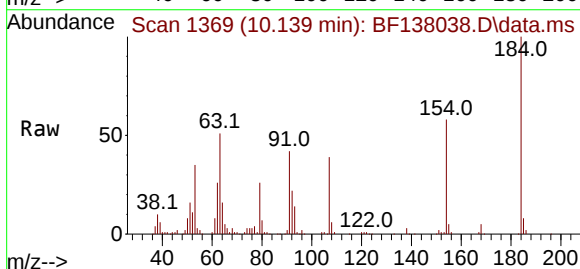
Manual Integrations

APPROVED

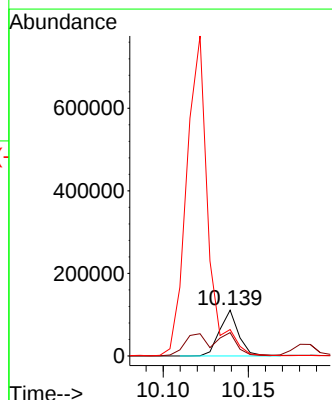
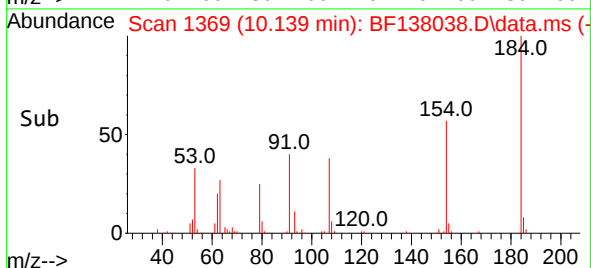
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

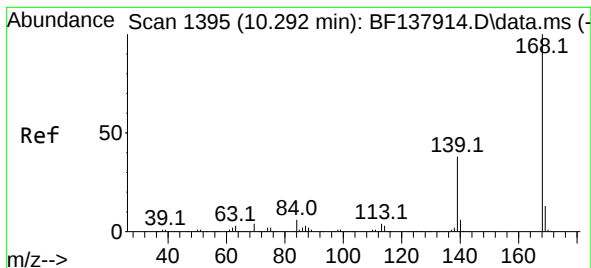


#54
2,4-Dinitrophenol
Concen: 40.483 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40



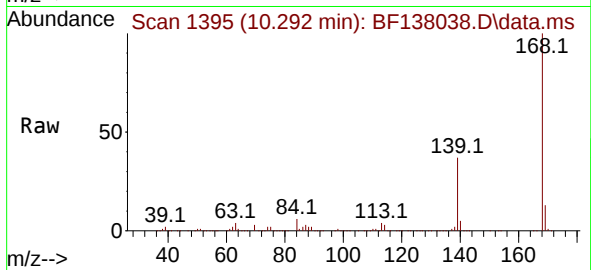
Tgt Ion:184 Resp: 86334
Ion Ratio Lower Upper
184 100
63 51.0 50.4 75.6
154 57.6 63.7 95.5#





#55
Dibenzenofuran
Concen: 41.231 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

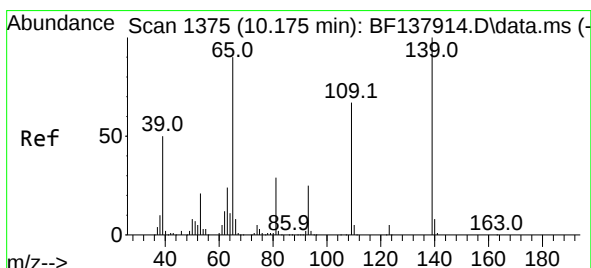
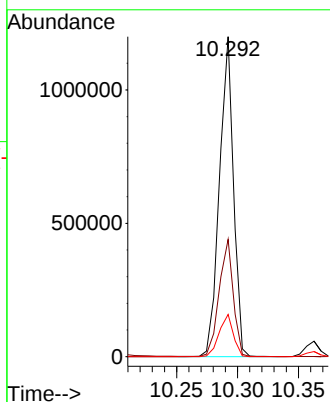
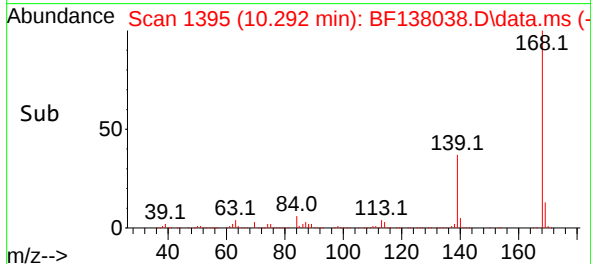
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



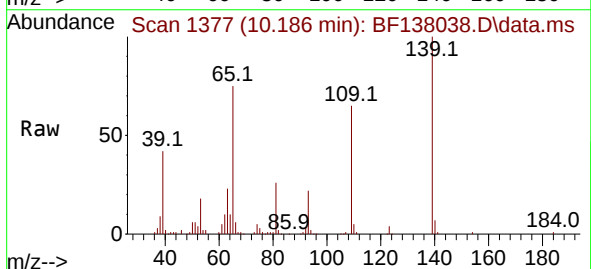
Tgt Ion:168 Resp: 965652
Ion Ratio Lower Upper
168 100
139 36.7 30.4 45.6
169 13.2 10.5 15.7

Manual Integrations
APPROVED

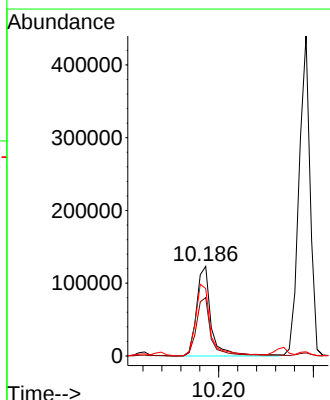
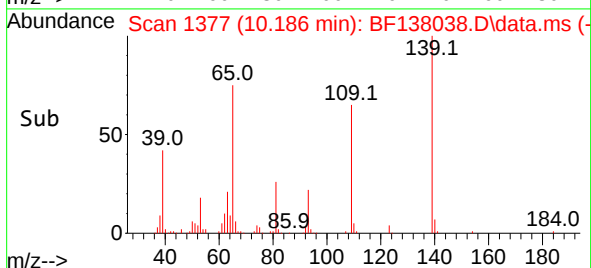
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

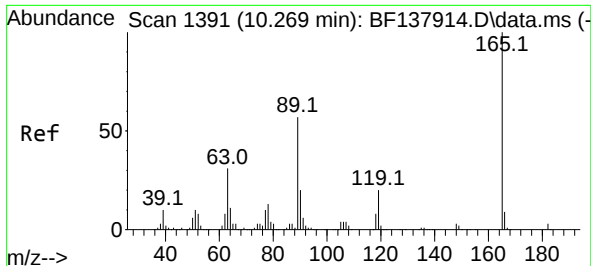


#56
4-Nitrophenol
Concen: 43.057 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40



Tgt Ion:139 Resp: 131600
Ion Ratio Lower Upper
139 100
109 65.1 46.5 86.5
65 75.1 70.4 110.4





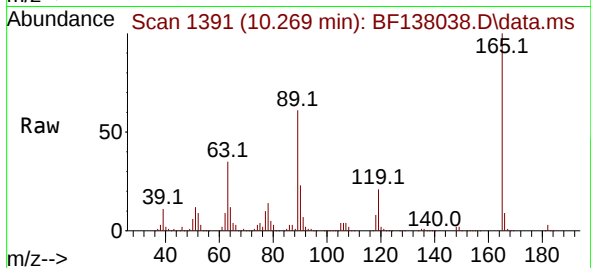
#57
2,4-Dinitrotoluene
Concen: 44.410 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

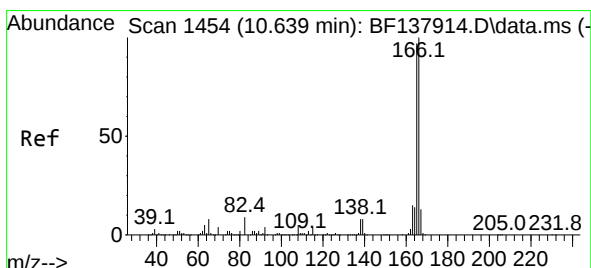
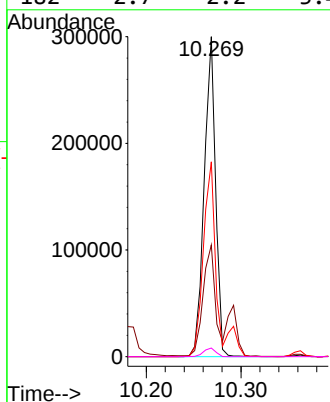
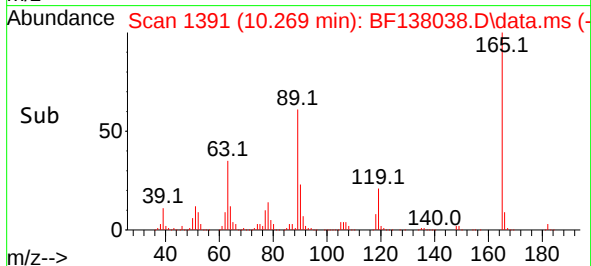


Tgt Ion:165 Resp: 24991
Ion Ratio Lower Upper
165 100
63 34.9 25.3 37.9
89 60.9 45.9 68.9
182 2.7 2.2 3.4

Manual Integrations

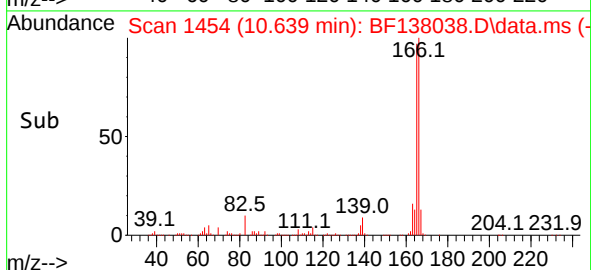
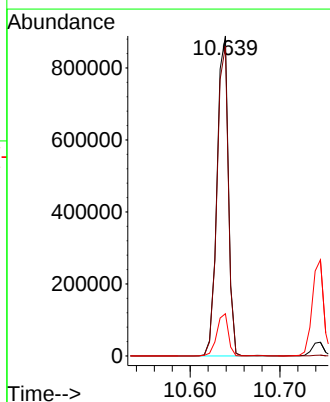
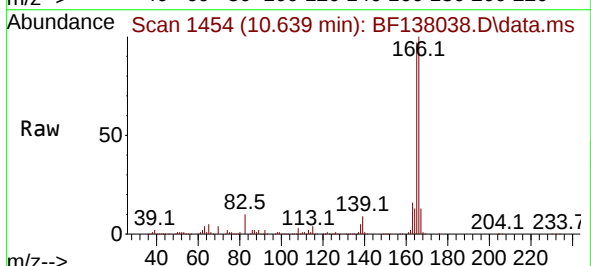
APPROVED

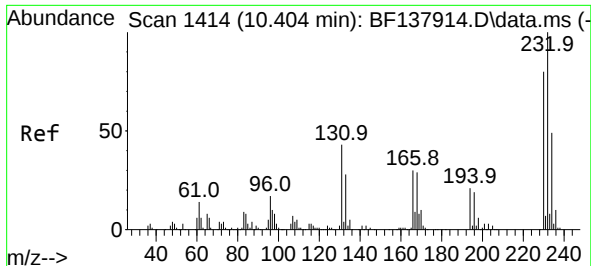
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#58
Fluorene
Concen: 42.093 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

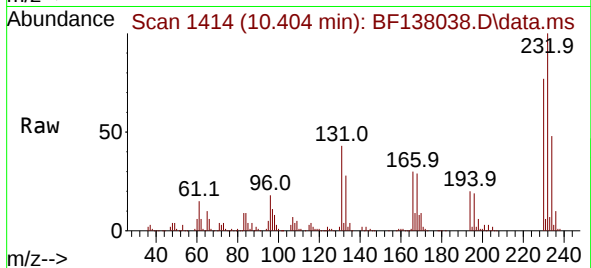
Tgt Ion:166 Resp: 779769
Ion Ratio Lower Upper
166 100
165 96.8 77.8 116.8
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.997 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

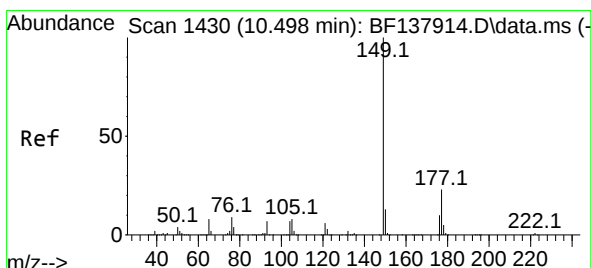
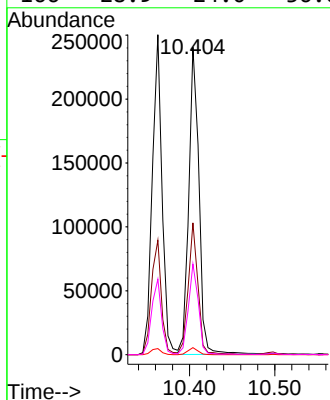
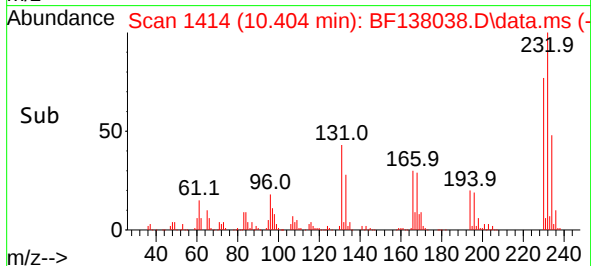
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



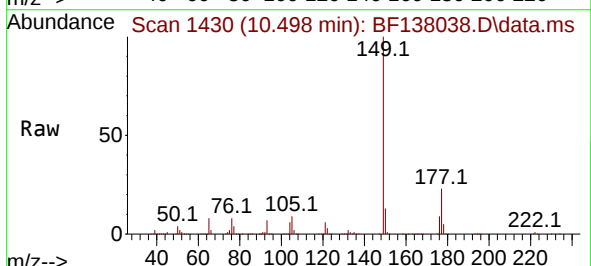
Tgt Ion:232 Resp: 19925
Ion Ratio Lower Upper
232 100
131 40.9 34.4 51.6
130 2.2 1.7 2.5
166 28.9 24.0 36.0

Manual Integrations
APPROVED

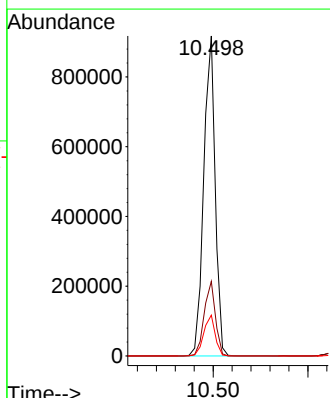
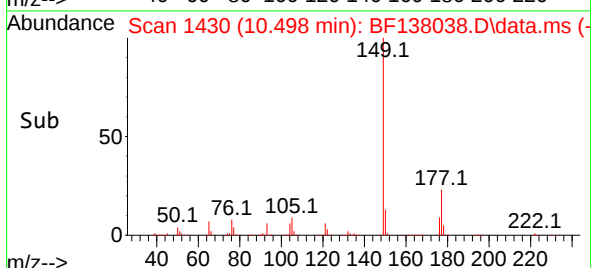
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

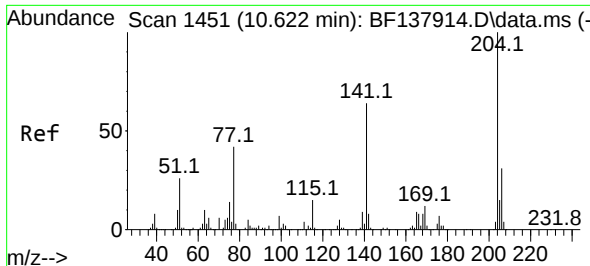


#60
Diethylphthalate
Concen: 43.290 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40



Tgt Ion:149 Resp: 766788
Ion Ratio Lower Upper
149 100
177 23.3 18.4 27.6
150 12.8 10.1 15.1





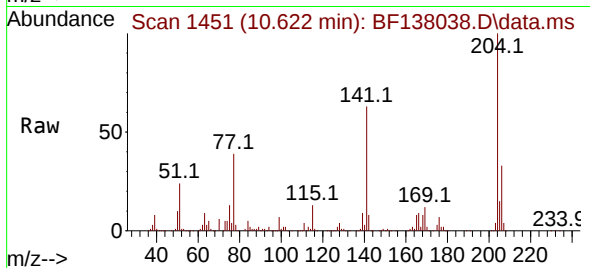
#61
4-Chlorophenyl-phenylether
Concen: 42.394 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

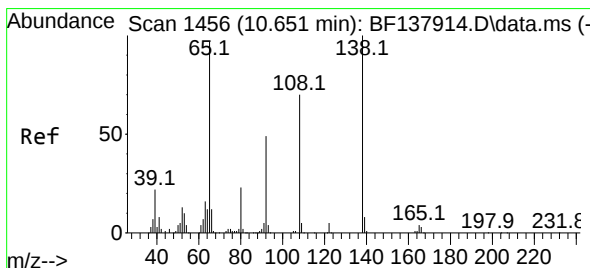
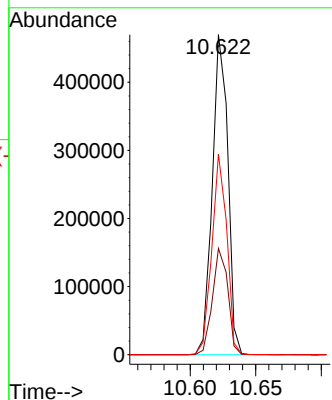
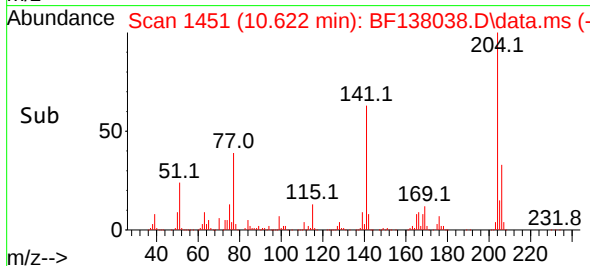


Tgt Ion:204 Resp: 387290
Ion Ratio Lower Upper
204 100
206 33.2 25.1 37.7
141 62.7 51.0 76.6

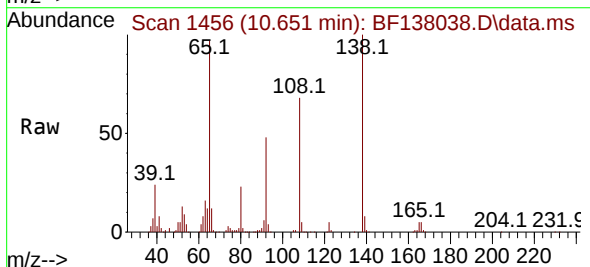
Manual Integrations

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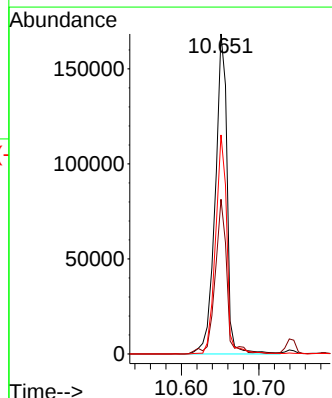
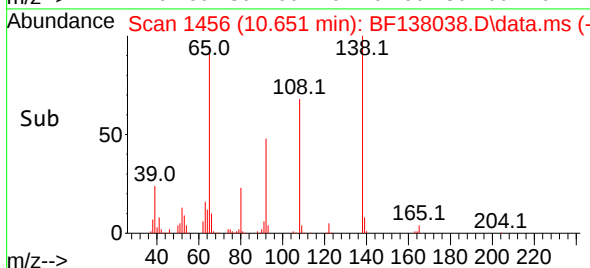
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

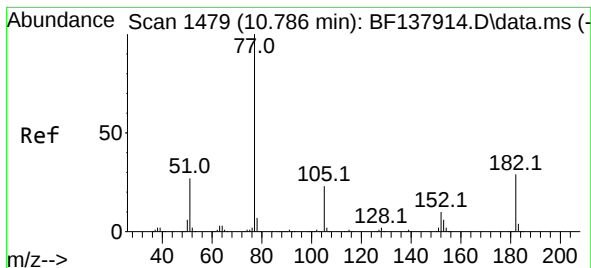


#62
4-Nitroaniline
Concen: 44.489 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40



Tgt Ion:138 Resp: 179563
Ion Ratio Lower Upper
138 100
92 48.4 29.0 69.0
108 68.4 49.7 89.7





#63

Azobenzene

Concen: 41.827 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 67389

Ion Ratio Lower Upper

77 100

182 32.0 9.2 49.2

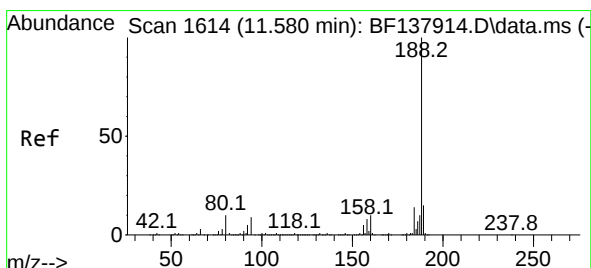
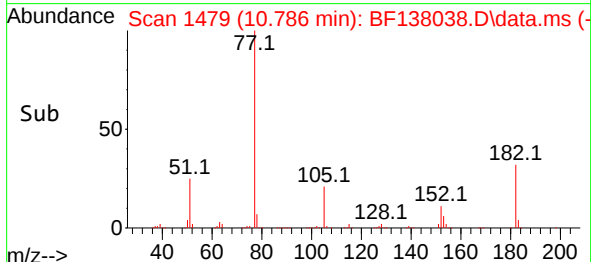
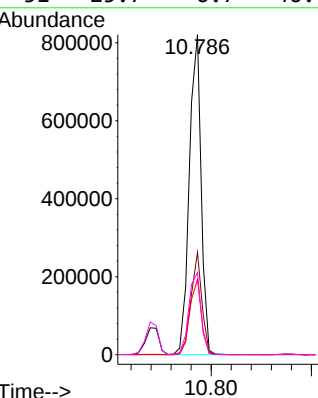
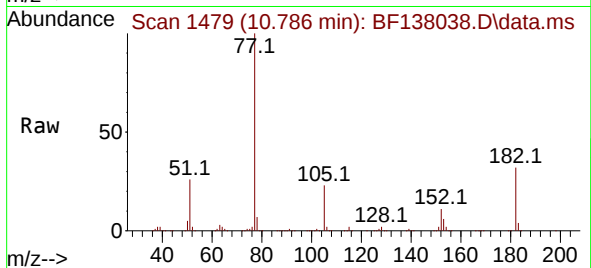
105 23.4 3.1 43.1

51 25.7 6.7 46.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

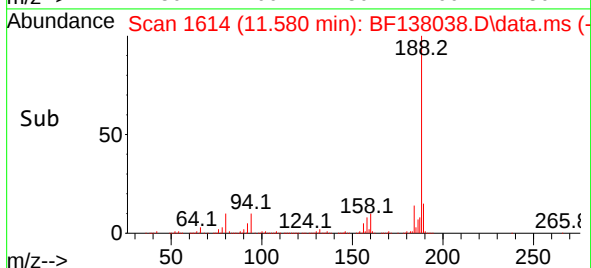
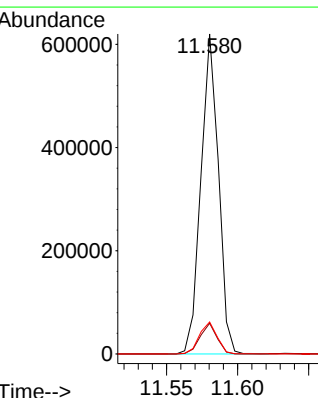
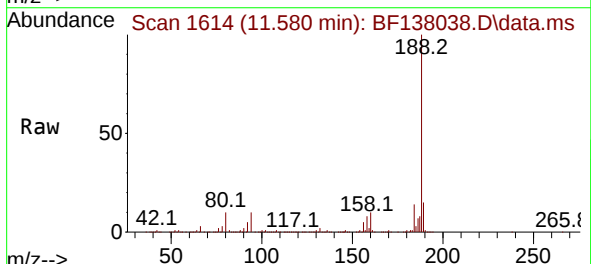
Tgt Ion:188 Resp: 531782

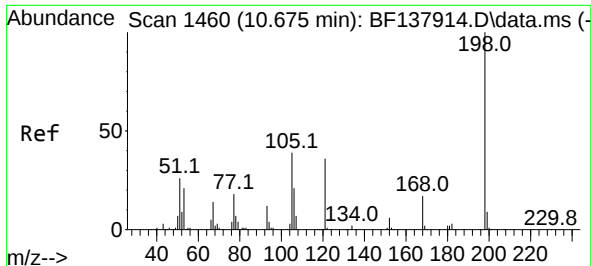
Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

80 10.0 7.7 11.5





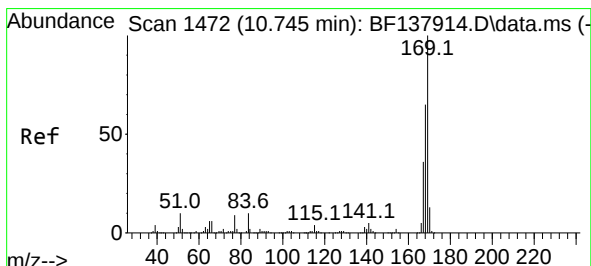
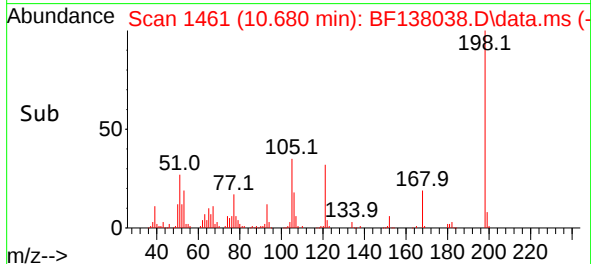
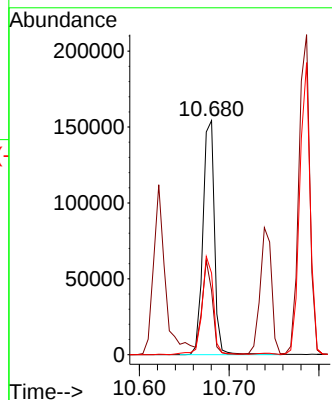
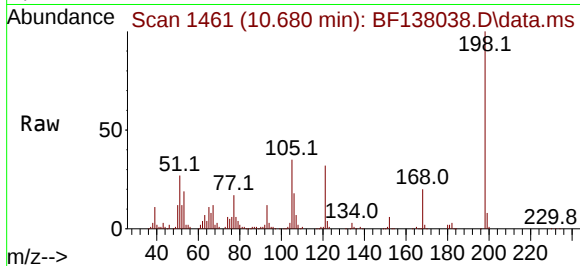
#65
4,6-Dinitro-2-methylphenol
Concen: 44.818 ng
RT: 10.680 min Scan# 1460
Delta R.T. 0.005 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 137610
Ion Ratio Lower Upper
198 100
51 27.5 13.8 53.8
105 34.9 19.0 59.0

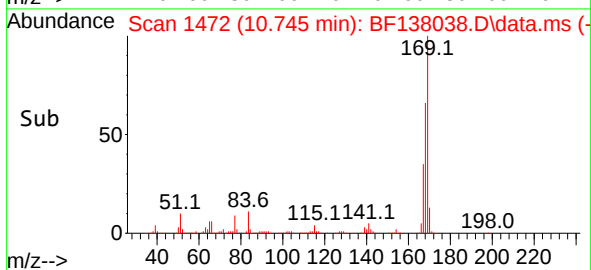
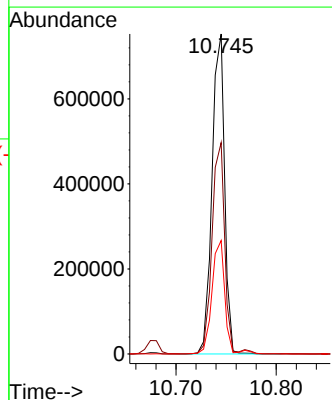
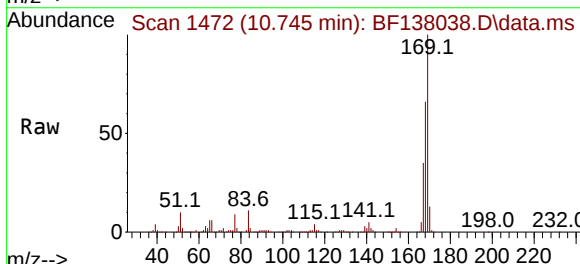
Manual Integrations
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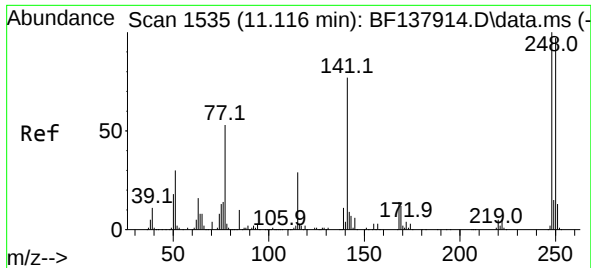
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#66
n-Nitrosodiphenylamine
Concen: 40.170 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Tgt Ion:169 Resp: 655091
Ion Ratio Lower Upper
169 100
168 66.1 52.4 78.6
167 35.5 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 41.735 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

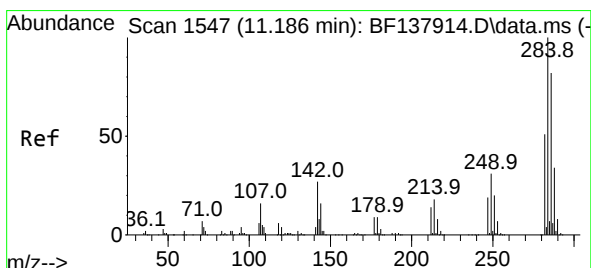
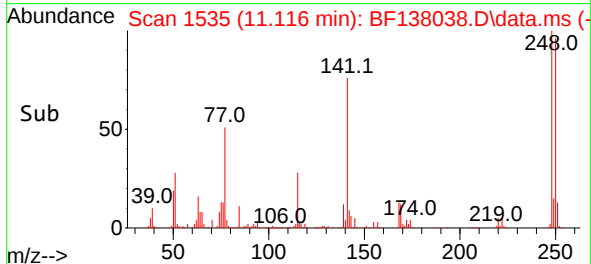
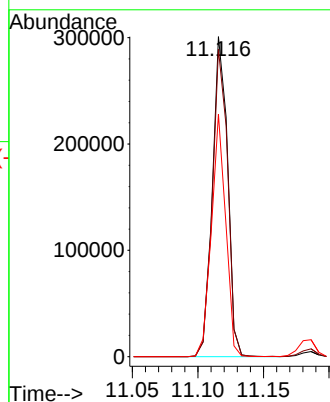
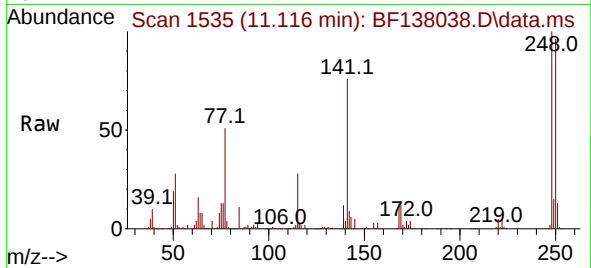
SSTDCCC040

Tgt Ion:248 Resp: 24330
Ion Ratio Lower Upper
248 100
250 96.0 77.6 116.4
141 75.8 61.4 92.2

Manual Integrations

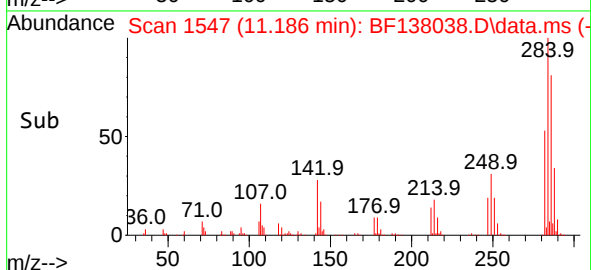
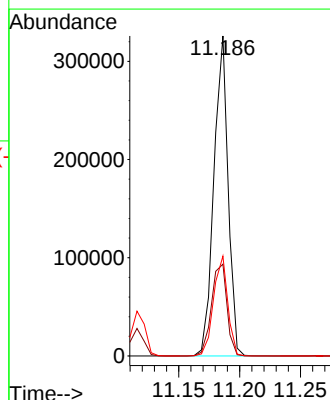
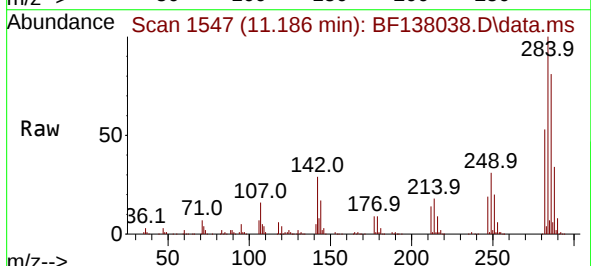
APPROVED

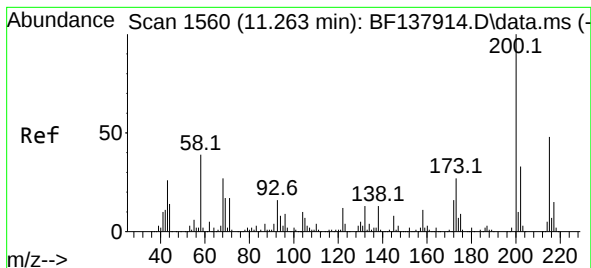
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#68
Hexachlorobenzene
Concen: 41.110 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Tgt Ion:284 Resp: 264921
Ion Ratio Lower Upper
284 100
142 28.7 21.3 31.9
249 31.2 24.6 37.0





#69

Atrazine

Concen: 38.870 ng

RT: 11.263 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 173090

Ion Ratio Lower Upper

200 100

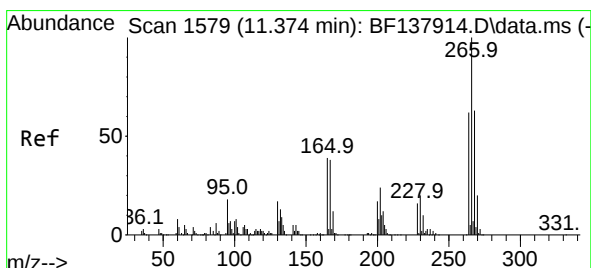
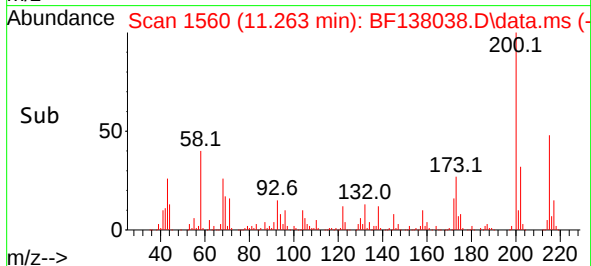
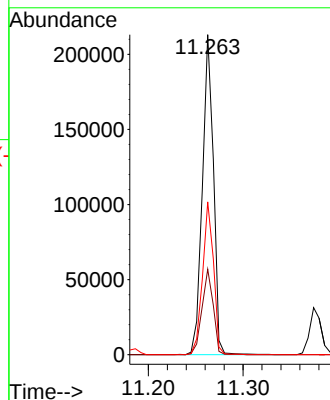
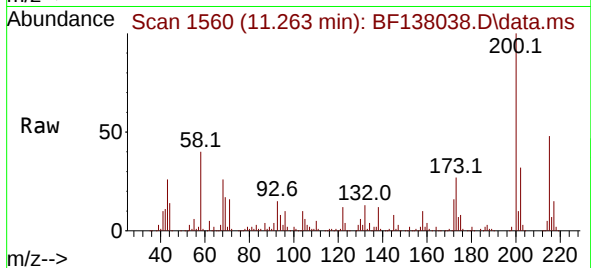
173 26.7 6.6 46.6

215 47.7 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#70

Pentachlorophenol

Concen: 43.336 ng

RT: 11.374 min Scan# 1579

Delta R.T. 0.000 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

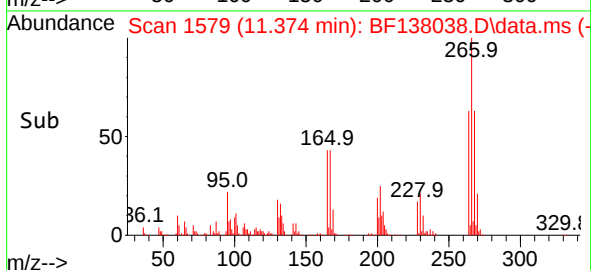
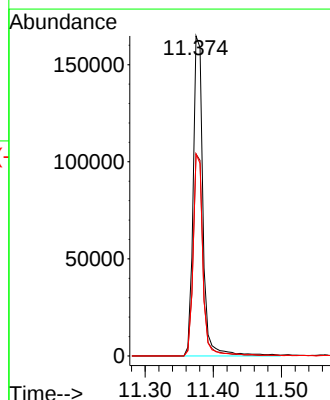
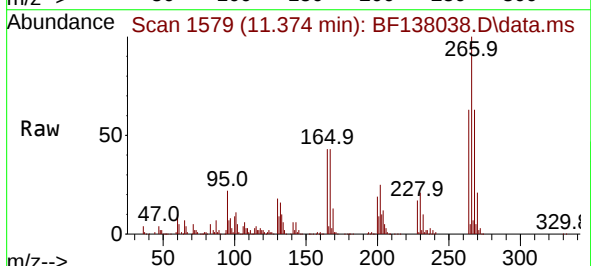
Tgt Ion:266 Resp: 163586

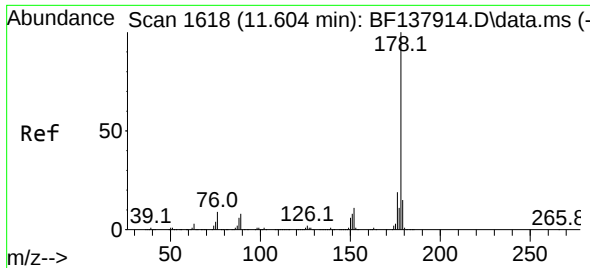
Ion Ratio Lower Upper

266 100

268 63.2 50.1 75.1

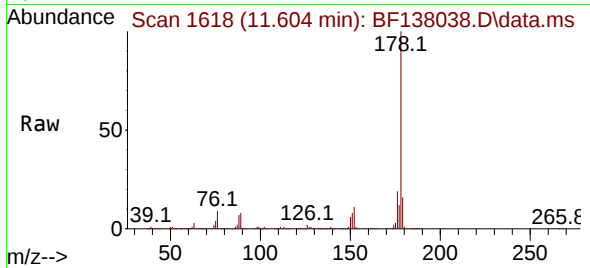
264 63.1 49.4 74.2





#71
Phenanthrene
Concen: 40.180 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

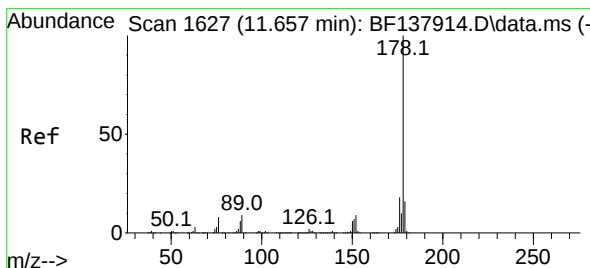
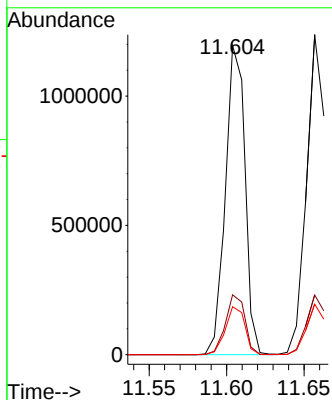
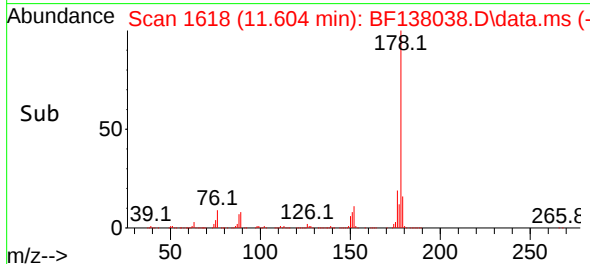
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



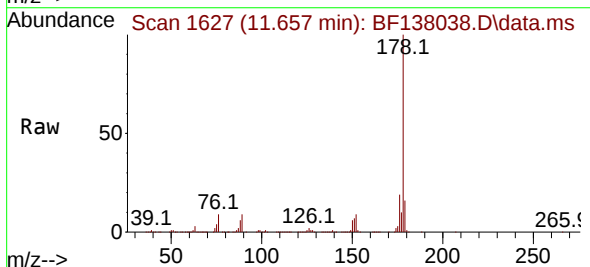
Tgt Ion:178 Resp: 105295
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.5 12.2 18.4

Manual Integrations
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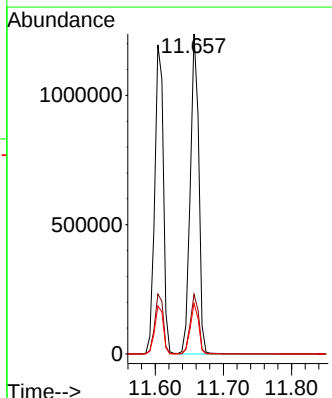
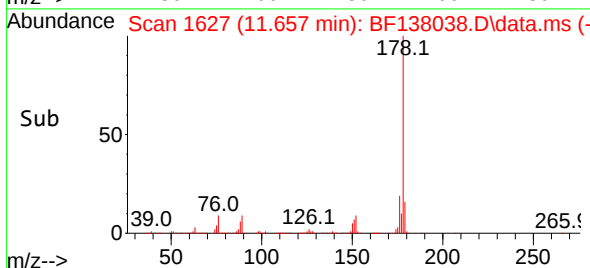
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

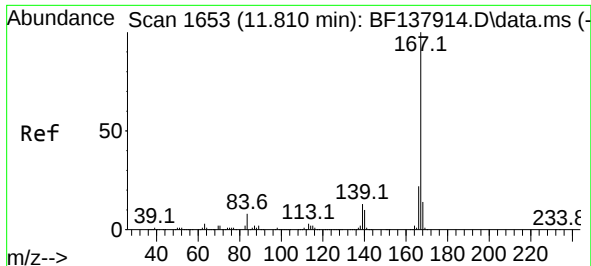


#72
Anthracene
Concen: 40.764 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40



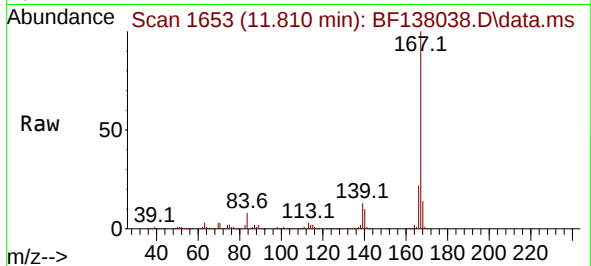
Tgt Ion:178 Resp: 1059889
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.8 12.4 18.6





#73
 Carbazole
 Concen: 41.300 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF138038.D
 Acq: 28 May 2024 10:40

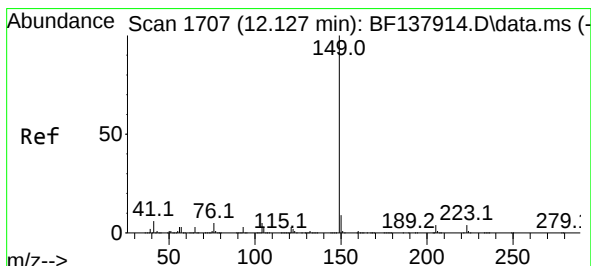
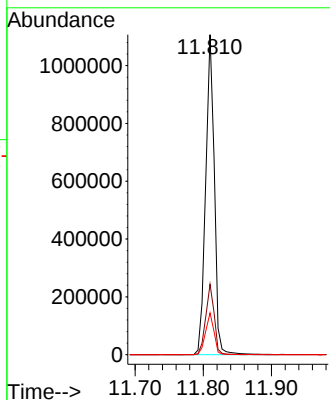
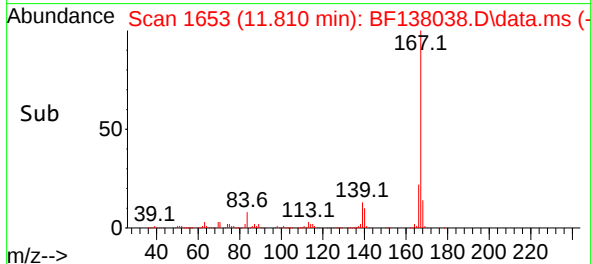
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



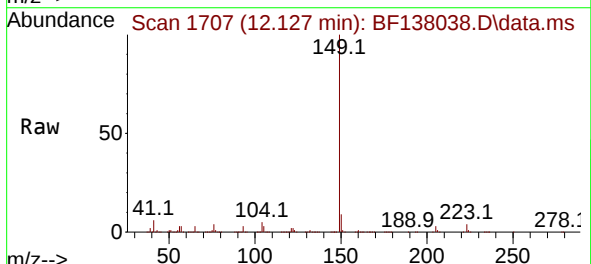
Tgt Ion:167 Resp: 980932
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 13.1 10.3 15.5

Manual Integrations
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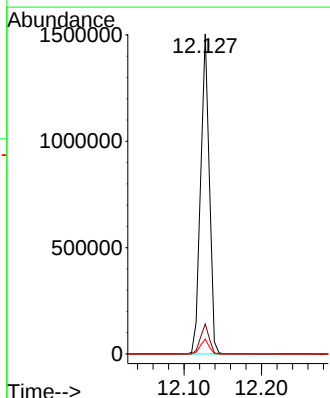
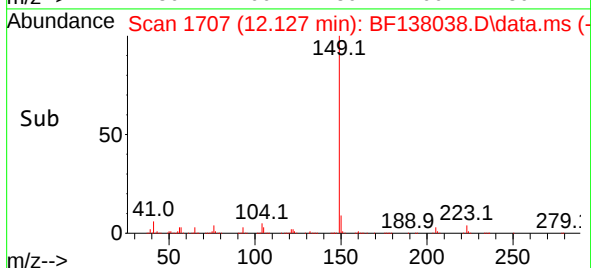
Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

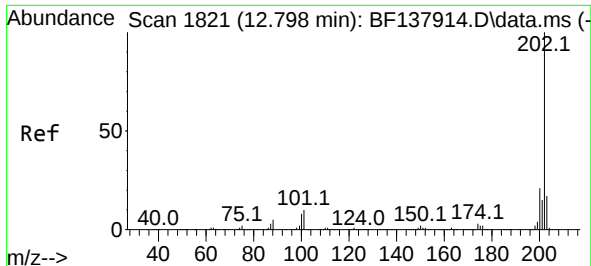


#74
 Di-n-butylphthalate
 Concen: 44.402 ng
 RT: 12.127 min Scan# 1707
 Delta R.T. 0.000 min
 Lab File: BF138038.D
 Acq: 28 May 2024 10:40



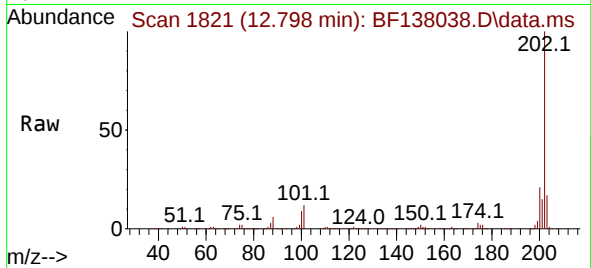
Tgt Ion:149 Resp: 1170390
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 42.255 ng
RT: 12.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

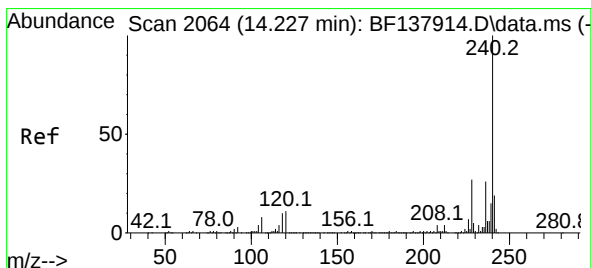
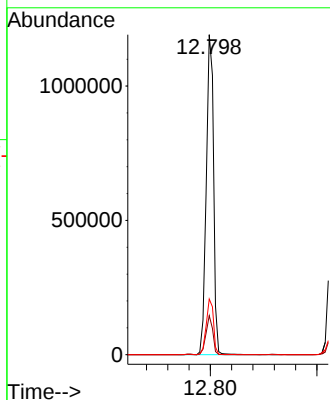
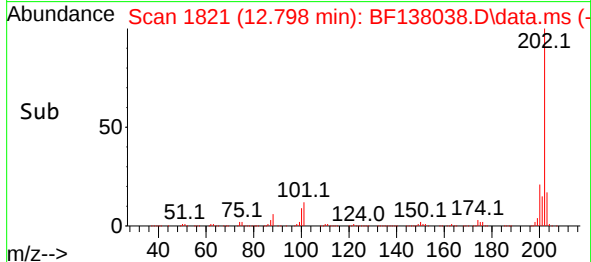
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



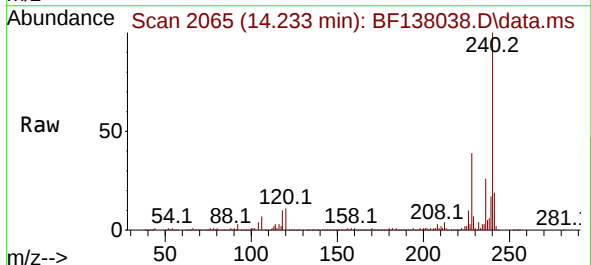
Tgt Ion:202 Resp: 1123958
Ion Ratio Lower Upper
202 100
101 12.2 0.0 30.5
203 17.4 0.0 37.3

Manual Integrations
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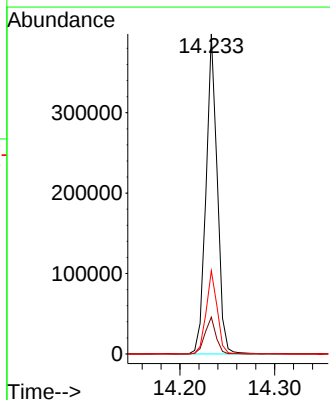
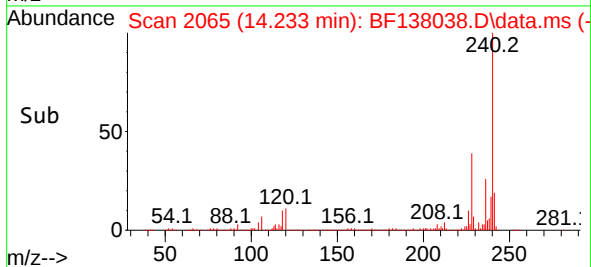
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

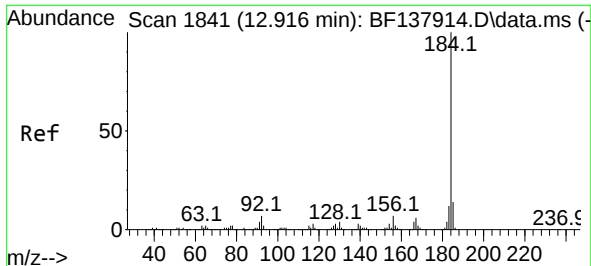


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40



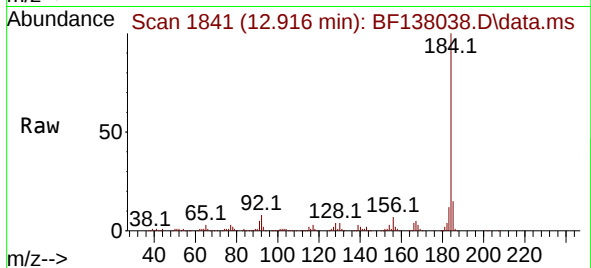
Tgt Ion:240 Resp: 326846
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 26.0 21.0 31.4





#77
Benzidine
Concen: 64.050 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

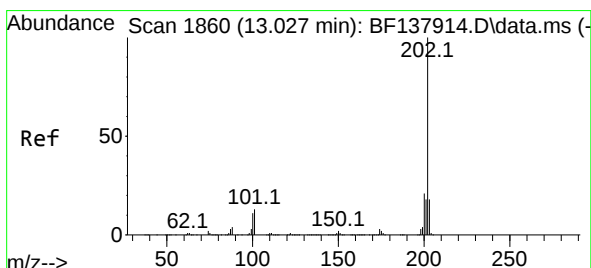
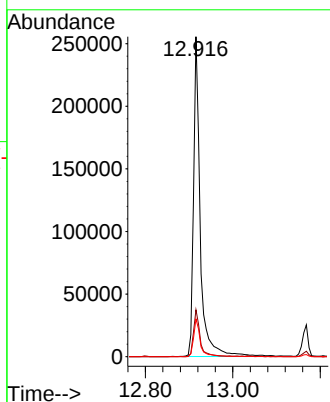
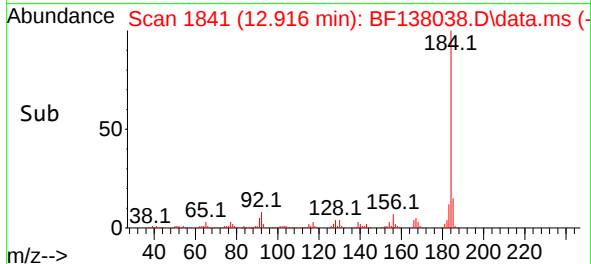
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 273590
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 11.8 9.5 14.3

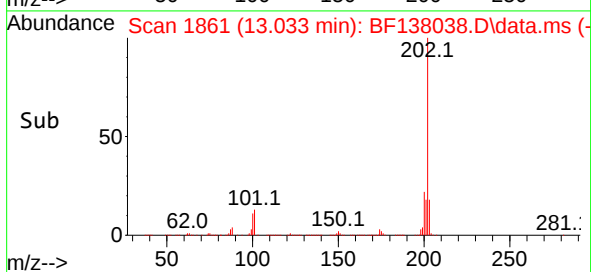
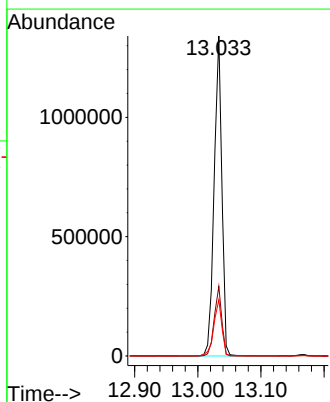
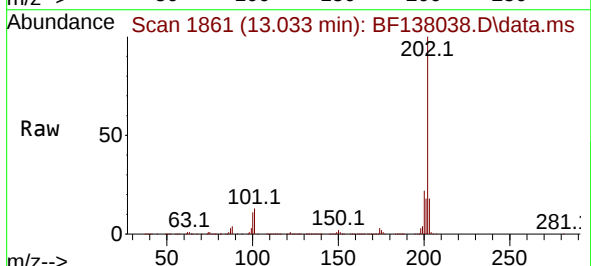
Manual Integrations
APPROVED

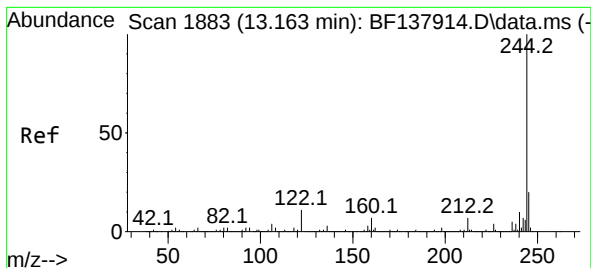
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#78
Pyrene
Concen: 39.600 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Tgt Ion:202 Resp: 1132060
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.4
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 79.954 ng

RT: 13.168 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 177314

Ion Ratio Lower Upper

244 100

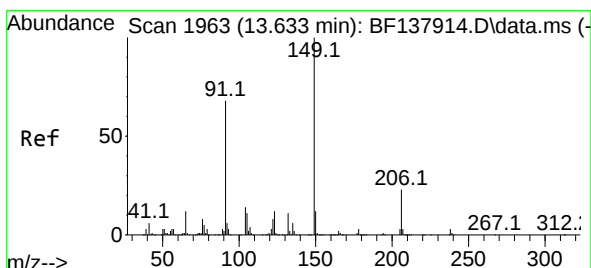
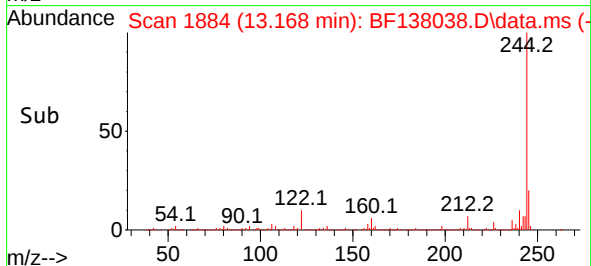
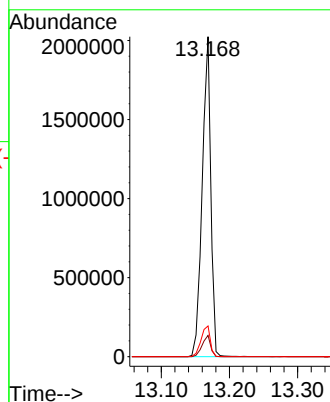
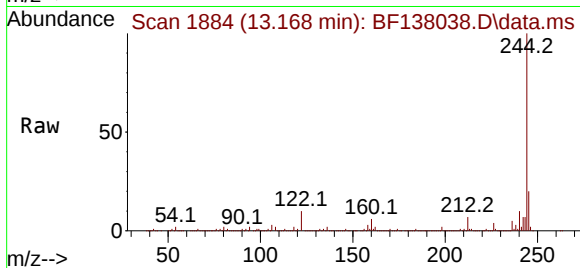
212 6.7 5.6 8.4

122 9.6 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#80

Butylbenzylphthalate

Concen: 46.024 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

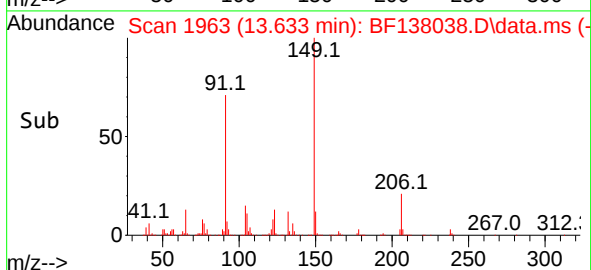
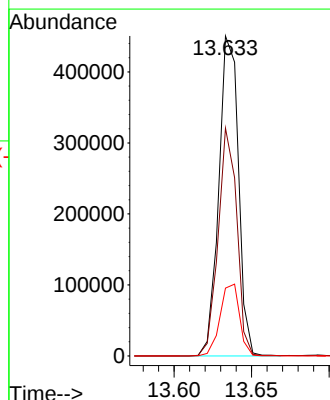
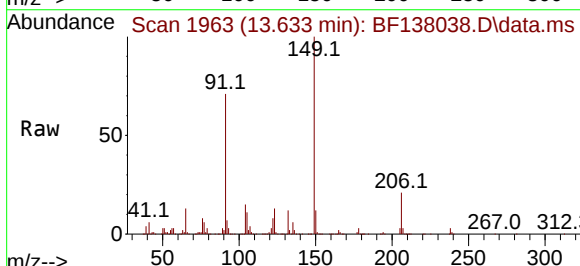
Tgt Ion:149 Resp: 396849

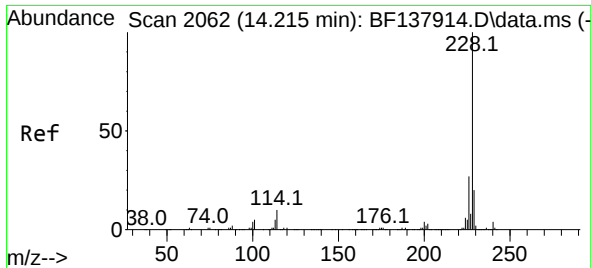
Ion Ratio Lower Upper

149 100

91 71.2 54.2 81.4

206 21.2 18.1 27.1





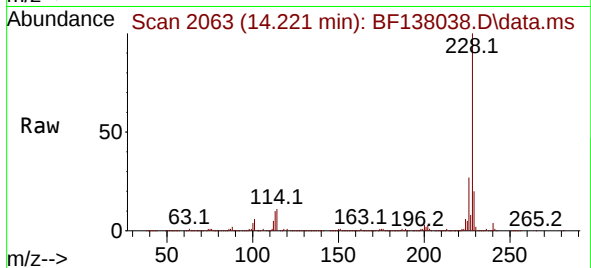
#81
Benzo(a)anthracene
Concen: 41.157 ng
RT: 14.221 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

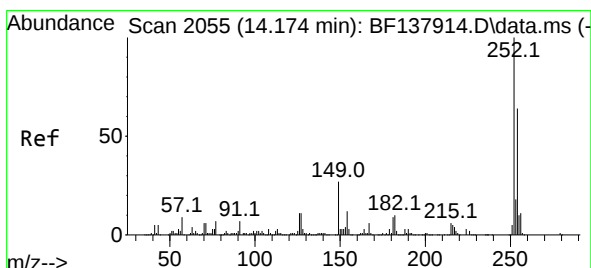
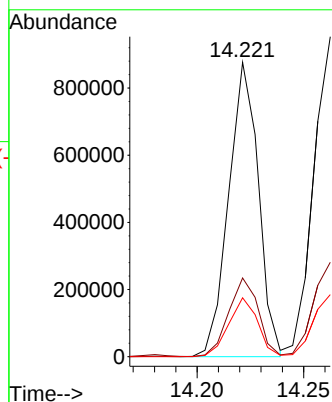
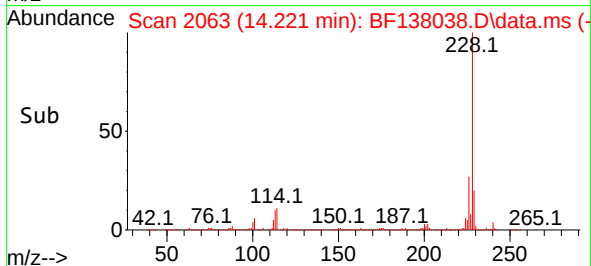


Tgt Ion:228 Resp: 851064
Ion Ratio Lower Upper
228 100
226 26.7 21.3 31.9
229 20.0 15.7 23.5

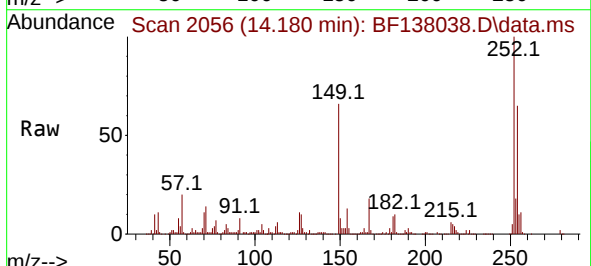
Manual Integrations

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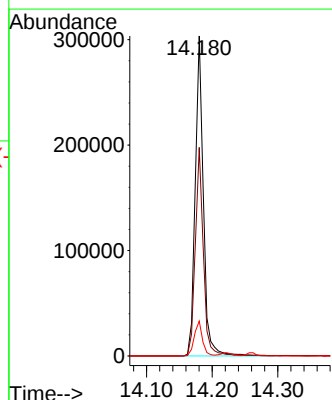
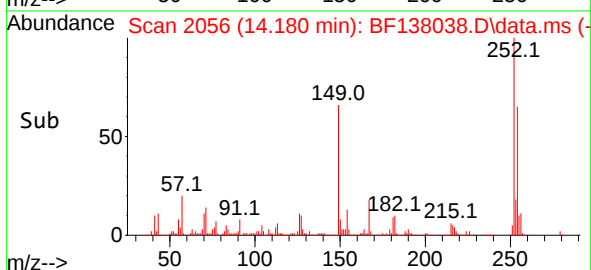
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

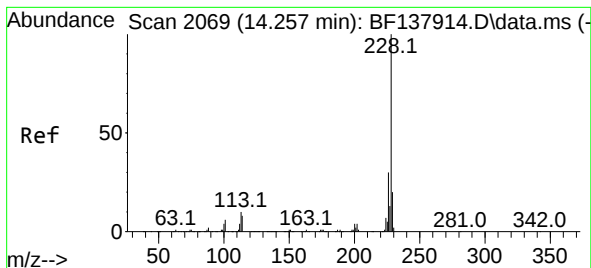


#82
3,3'-Dichlorobenzidine
Concen: 46.001 ng
RT: 14.180 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40



Tgt Ion:252 Resp: 263610
Ion Ratio Lower Upper
252 100
254 65.1 51.2 76.8
126 10.9 8.7 13.1





#83

Chrysene

Concen: 40.600 ng

RT: 14.262 min Scan# 2069

Delta R.T. 0.006 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

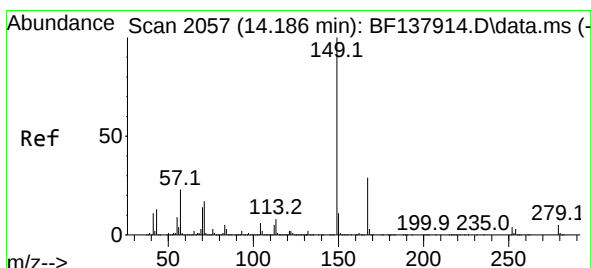
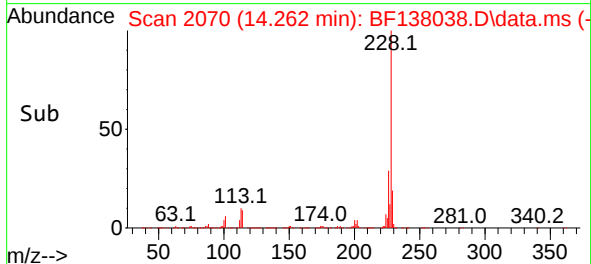
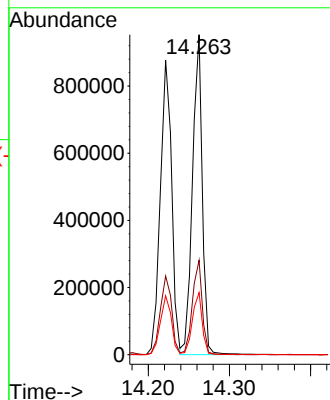
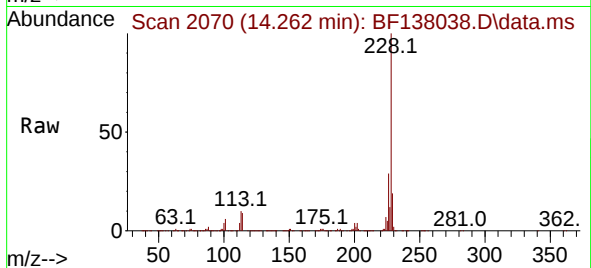
SSTDCCC040

Tgt Ion:	228	Resp:	80292
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.8	35.8
229	19.4	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.606 ng

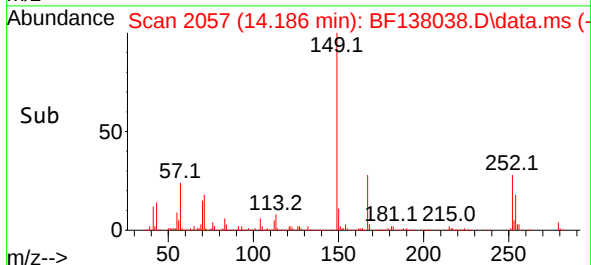
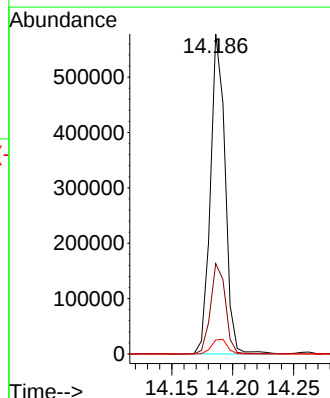
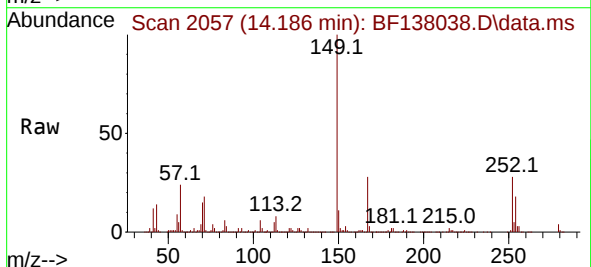
RT: 14.186 min Scan# 2057

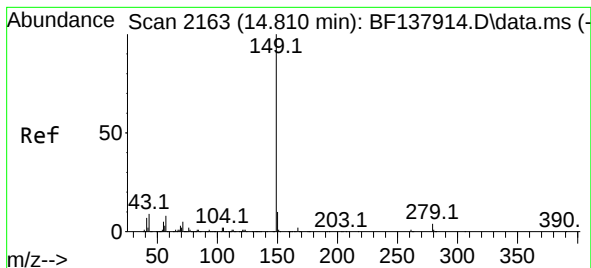
Delta R.T. 0.000 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

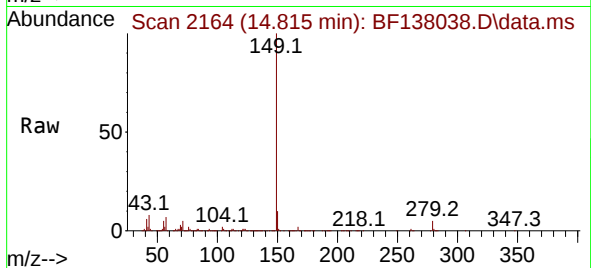
Tgt Ion:	149	Resp:	483500
Ion Ratio	Lower	Upper	
149	100		
167	28.2	23.2	34.8
279	4.4	4.1	6.1





#85
Di-n-octyl phthalate
Concen: 48.238 ng
RT: 14.815 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

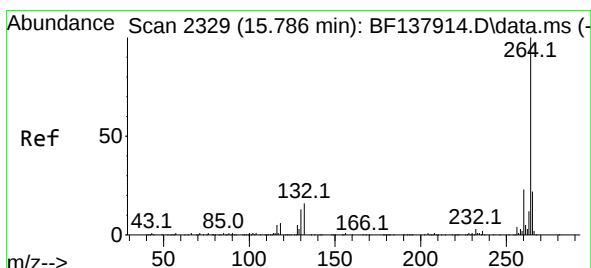
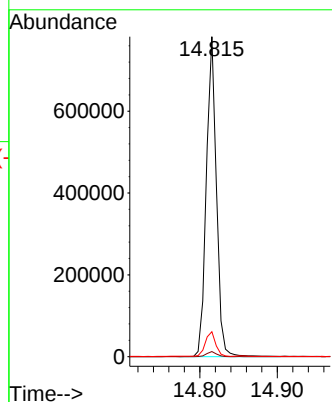
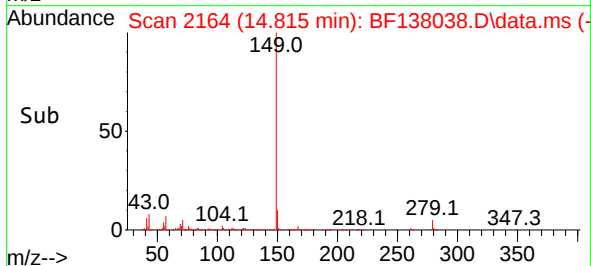
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



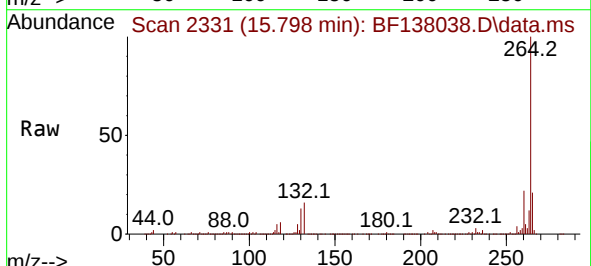
Tgt Ion:149 Resp: 706350
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 7.9 6.6 9.8

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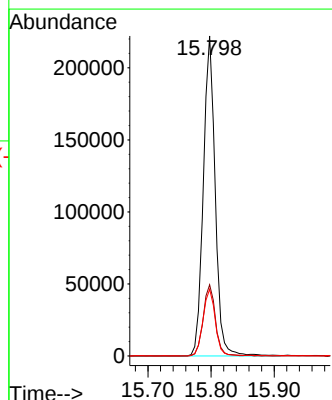
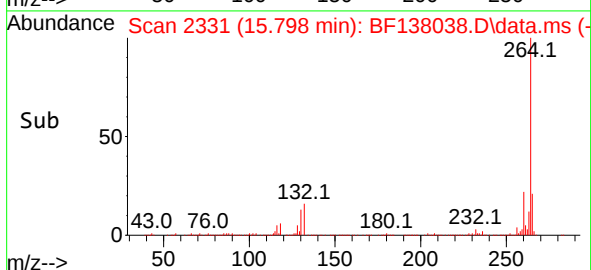
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

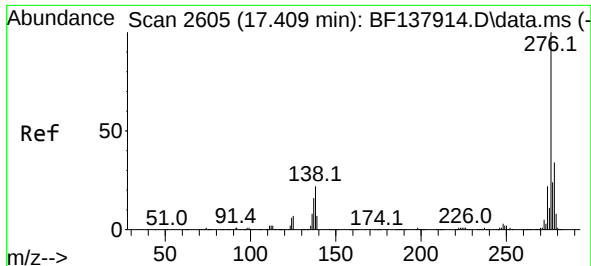


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.798 min Scan# 2331
Delta R.T. 0.012 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40



Tgt Ion:264 Resp: 291502
Ion Ratio Lower Upper
264 100
260 22.3 18.3 27.5
265 20.9 17.6 26.4





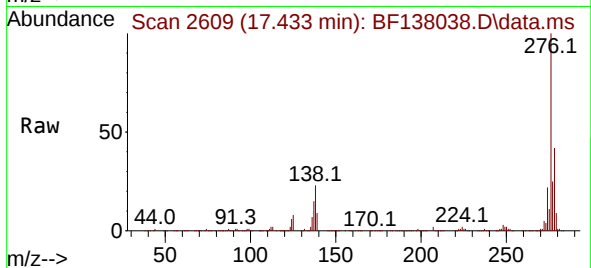
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.563 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.024 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

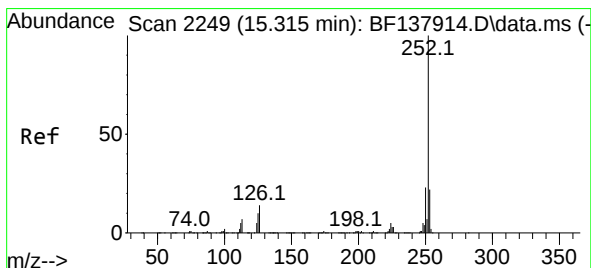
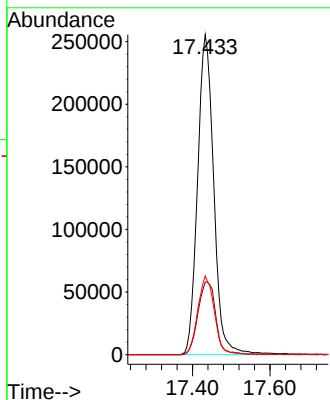
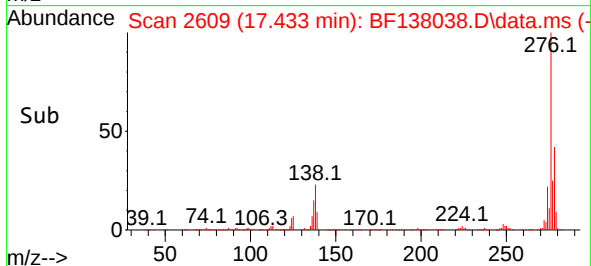


Tgt Ion:276 Resp: 74094
Ion Ratio Lower Upper
276 100
138 24.9 20.6 30.8
277 25.3 20.2 30.2

Manual Integrations

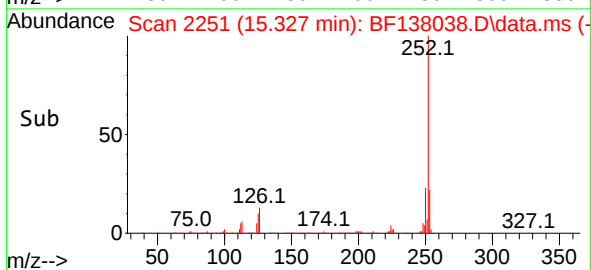
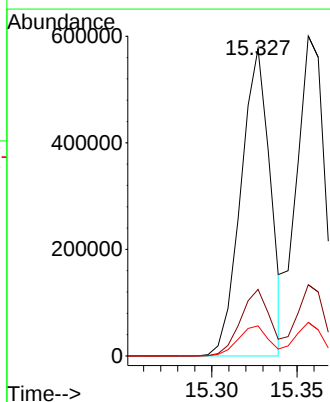
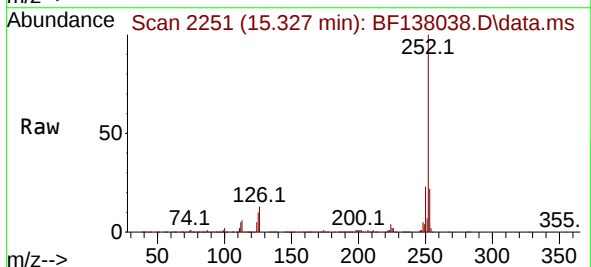
APPROVED

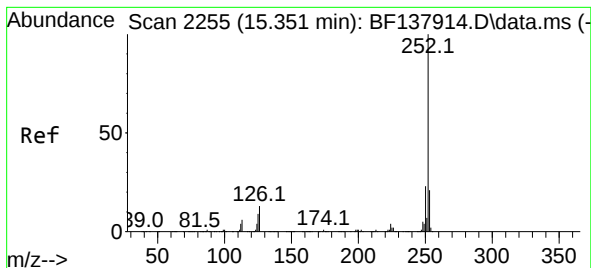
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#88
Benzo(b)fluoranthene
Concen: 40.860 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.012 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

Tgt Ion:252 Resp: 689647
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 9.8 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 42.385 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 702799

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

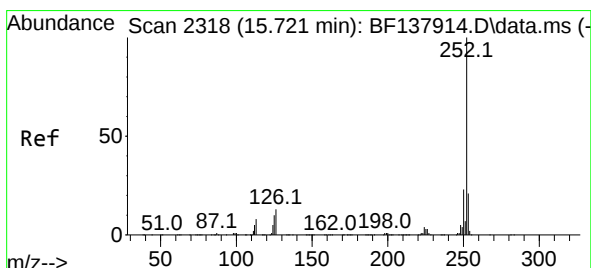
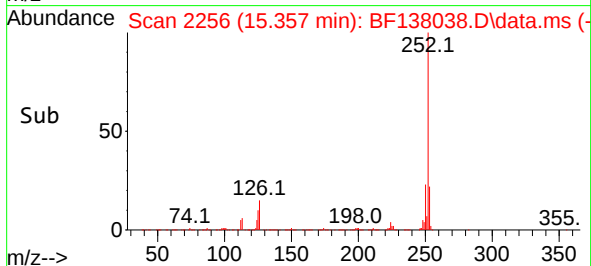
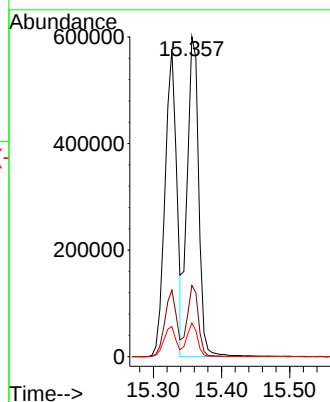
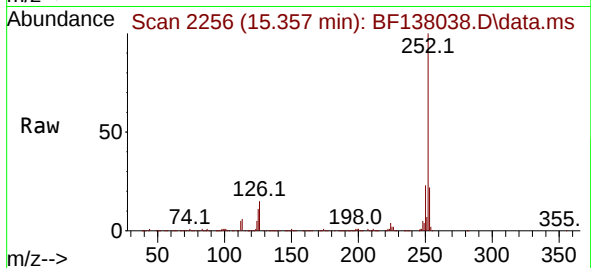
125 10.5 7.7 11.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/29/2024

Supervised By :mohammad ahmed 05/30/2024



#90

Benzo(a)pyrene

Concen: 41.875 ng

RT: 15.733 min Scan# 2320

Delta R.T. 0.012 min

Lab File: BF138038.D

Acq: 28 May 2024 10:40

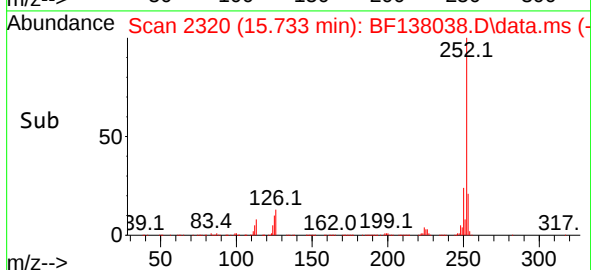
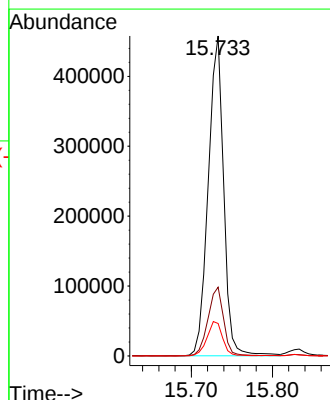
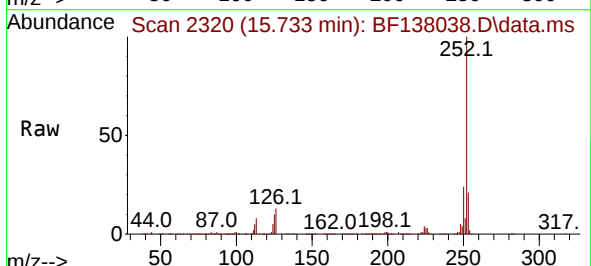
Tgt Ion:252 Resp: 603510

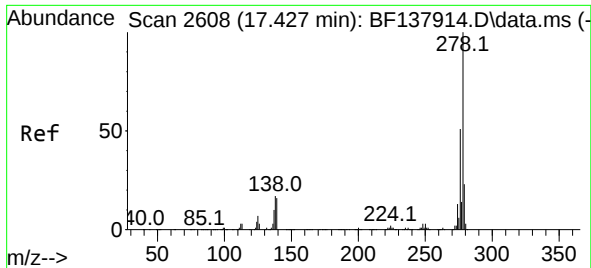
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

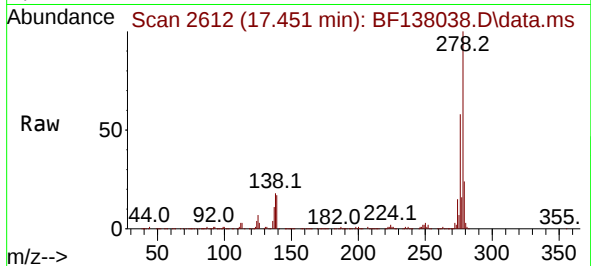
125 10.2 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 39.070 ng
RT: 17.451 min Scan# 2612
Delta R.T. 0.024 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40

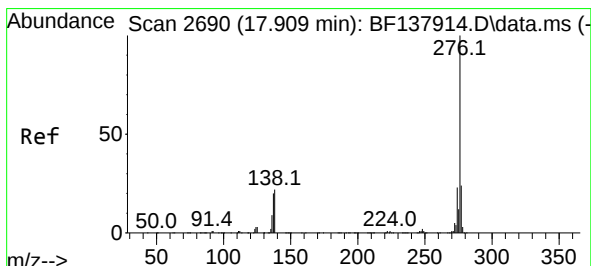
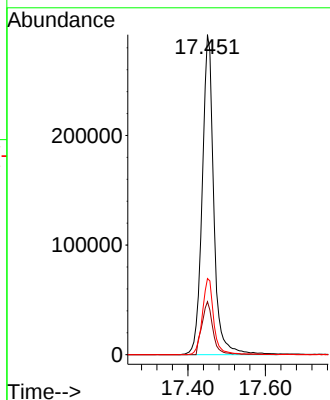
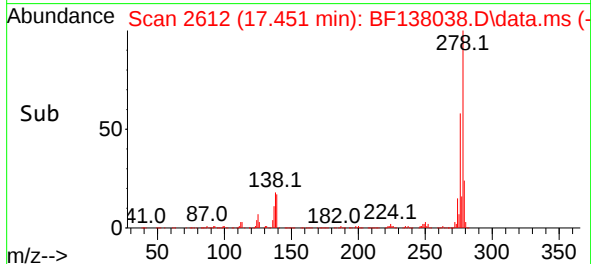
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



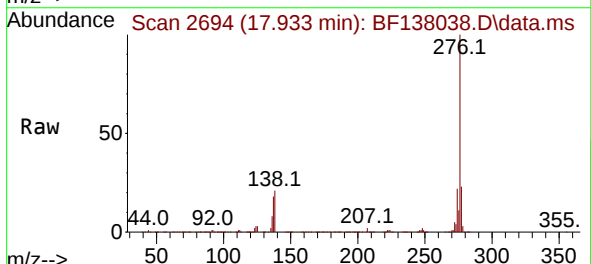
Tgt Ion:278 Resp: 60455
Ion Ratio Lower Upper
278 100
139 16.5 13.1 19.7
279 23.8 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#92
Benzo(g,h,i)perylene
Concen: 37.849 ng
RT: 17.933 min Scan# 2694
Delta R.T. 0.024 min
Lab File: BF138038.D
Acq: 28 May 2024 10:40



Tgt Ion:276 Resp: 615233
Ion Ratio Lower Upper
276 100
277 22.7 18.9 28.3
138 21.4 17.6 26.4

