

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF138988.D
 Acq On : 14 Aug 2024 12:03
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024

Quant Time: Aug 14 12:36:19 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 30 17:50:01 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	46569	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	180395	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	100753	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	170882	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	83079	20.000	ng	0.00
86) Perylene-d12	15.462	264	87305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	238261	78.978	ng	0.00
7) Phenol-d6	6.487	99	317188	78.311	ng	0.00
23) Nitrobenzene-d5	7.410	82	310197	84.071	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	65588	79.472	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	554400	82.676	ng	-0.01
79) Terphenyl-d14	12.939	244	408271	82.278	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	47110	35.669	ng	# 93
3) Pyridine	3.334	79	118879	37.156	ng	93
4) n-Nitrosodimethylamine	3.304	42	86150	45.210	ng	# 80
6) Aniline	6.504	93	138167	38.250	ng	# 55
8) 2-Chlorophenol	6.628	128	124880	39.344	ng	98
9) Benzaldehyde	6.392	77	79598	32.783	ng	100
10) Phenol	6.498	94	164246	38.514	ng	79
11) bis(2-Chloroethyl)ether	6.575	93	118703	36.171	ng	100
12) 1,3-Dichlorobenzene	6.775	146	137294	38.642	ng	97
13) 1,4-Dichlorobenzene	6.857	146	141561	39.481	ng	98
14) 1,2-Dichlorobenzene	7.010	146	131427	39.221	ng	99
15) Benzyl Alcohol	6.987	79	120359	41.229	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	198801	35.200	ng	52
17) 2-Methylphenol	7.104	107	100716	38.428	ng	# 90
18) Hexachloroethane	7.345	117	53609	39.720	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	97551	39.876	ng	96
20) 3+4-Methylphenols	7.257	107	135810	40.386	ng	92
22) Acetophenone	7.251	105	189628	42.932	ng	99
24) Nitrobenzene	7.428	77	156466	41.674	ng	98
25) Isophorone	7.663	82	253087	40.170	ng	99
26) 2-Nitrophenol	7.739	139	64715	40.063	ng	94
27) 2,4-Dimethylphenol	7.781	122	77034	39.859	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	145855	38.016	ng	98
29) 2,4-Dichlorophenol	7.986	162	100855	40.610	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	115653	40.354	ng	99
31) Naphthalene	8.139	128	381268	40.153	ng	100
32) Benzoic acid	7.928	122	45176m	29.736	ng	
33) 4-Chloroaniline	8.198	127	122579	38.457	ng	98
34) Hexachlorobutadiene	8.251	225	74090	42.681	ng	98
35) Caprolactam	8.575	113	32178m	43.423	ng	
36) 4-Chloro-3-methylphenol	8.686	107	120444	42.436	ng	99
37) 2-Methylnaphthalene	8.828	142	245717	40.974	ng	100
38) 1-Methylnaphthalene	8.928	142	241962	41.175	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	112930	40.349	ng	98
41) Hexachlorocyclopentadiene	8.975	237	20861	32.674	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	66716	39.096	ng	99

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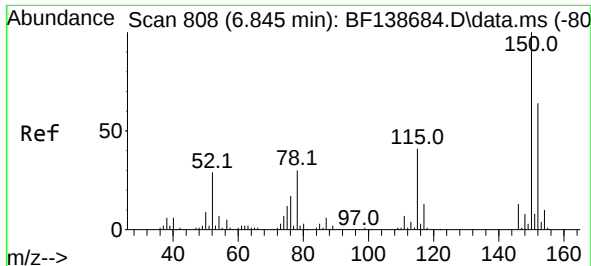
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024

Quant Time: Aug 14 12:36:19 2024
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 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	72737	38.990	ng	98
46) 1,1'-Biphenyl	9.292	154	314999	39.920	ng	99
47) 2-Chloronaphthalene	9.322	162	230293	39.241	ng	98
48) 2-Nitroaniline	9.422	65	84279	42.361	ng	92
49) Acenaphthylene	9.733	152	327703	39.371	ng	100
50) Dimethylphthalate	9.592	163	267963	41.594	ng	99
51) 2,6-Dinitrotoluene	9.663	165	60318	41.487	ng	# 85
52) Acenaphthene	9.904	154	221840	39.648	ng	99
53) 3-Nitroaniline	9.839	138	57785	38.446	ng	93
54) 2,4-Dinitrophenol	9.957	184	24129	36.052	ng	86
55) Dibenzofuran	10.075	168	319282	40.425	ng	98
56) 4-Nitrophenol	10.016	139	43088	47.672	ng	88
57) 2,4-Dinitrotoluene	10.075	165	79095	42.640	ng	# 78
58) Fluorene	10.422	166	264679	42.082	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	55371	38.824	ng	96
60) Diethylphthalate	10.292	149	266725	43.665	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	128294	41.474	ng	97
62) 4-Nitroaniline	10.451	138	57048	39.940	ng	# 82
63) Azobenzene	10.569	77	274490	40.516	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	38536	36.964	ng	95
66) n-Nitrosodiphenylamine	10.533	169	212563	39.795	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	72344	39.102	ng	97
68) Hexachlorobenzene	10.969	284	75615	39.584	ng	99
69) Atrazine	11.057	200	51899	37.660	ng	99
70) Pentachlorophenol	11.174	266	32173	37.365	ng	99
71) Phenanthrene	11.380	178	352327	40.041	ng	100
72) Anthracene	11.433	178	344553	39.749	ng	100
73) Carbazole	11.592	167	290496	38.844	ng	99
74) Di-n-butylphthalate	11.910	149	366466	43.590	ng	99
75) Fluoranthene	12.569	202	319496	38.894	ng	99
77) Benzidine	12.698	184	70708	35.583	ng	100
78) Pyrene	12.798	202	316221	40.426	ng	100
80) Butylbenzylphthalate	13.410	149	104111	41.563	ng	99
81) Benzo(a)anthracene	13.986	228	218644	38.218	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	60294	41.184	ng	99
83) Chrysene	14.027	228	211974	41.069	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	134893	36.776	ng	98
85) Di-n-octyl phthalate	14.574	149	223969	33.003	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	230050	36.769	ng	96
88) Benzo(b)fluoranthene	15.033	252	225713	41.706	ng	98
89) Benzo(k)fluoranthene	15.062	252	186532	39.808	ng	99
90) Benzo(a)pyrene	15.404	252	186317	40.928	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	189073	36.814	ng	96
92) Benzo(g,h,i)perylene	17.380	276	190583	35.760	ng	96

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



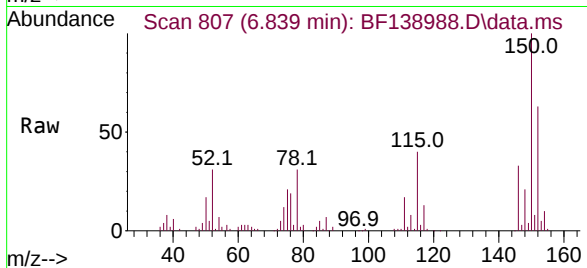
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

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BNA_F

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SSTDCCC040



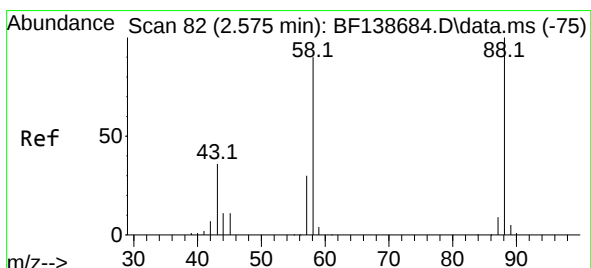
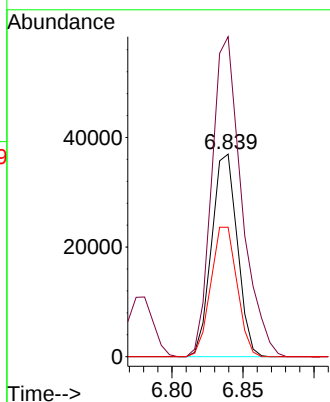
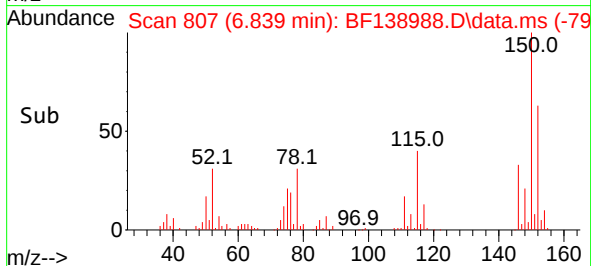
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Ion Ratio Lower Upper
152 100
150 158.0 126.0 189.0
115 63.9 51.7 77.5

Manual Integrations

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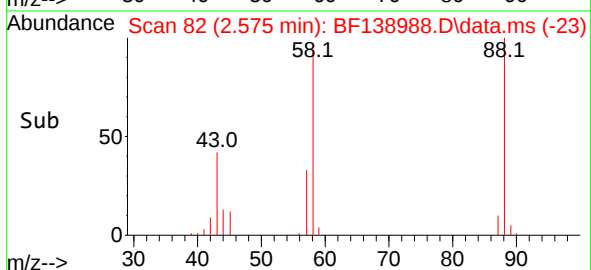
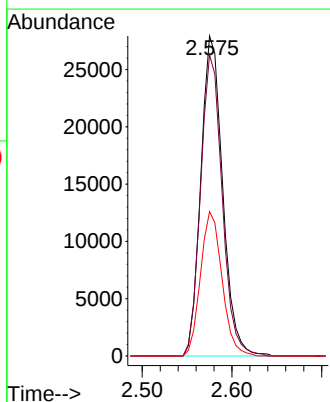
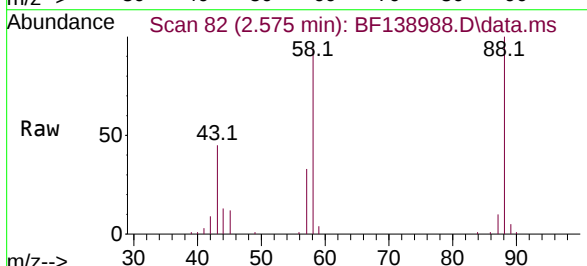
Reviewed By :Yogesh Patel 08/15/2024

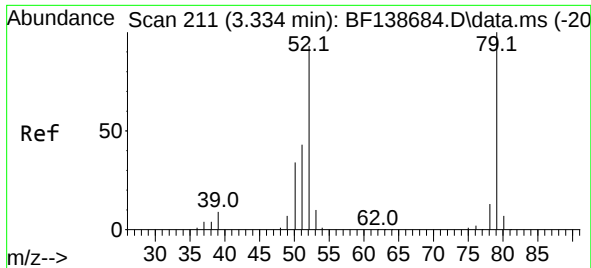
Supervised By :mohammad ahmed 08/16/2024



#2
1,4-Dioxane
Concen: 35.669 ng
RT: 2.575 min Scan# 82
Delta R.T. -0.000 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Tgt Ion: 88 Resp: 47110
Ion Ratio Lower Upper
88 100
58 93.2 71.6 107.4
43 44.6 28.7 43.1#





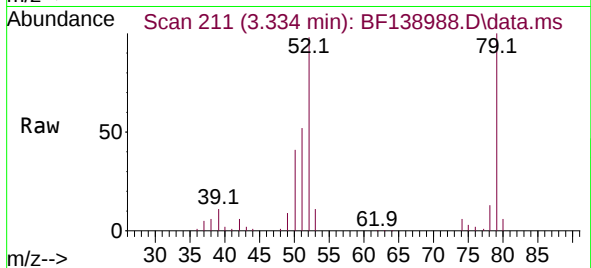
#3
Pyridine
Concen: 37.156 ng
RT: 3.334 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

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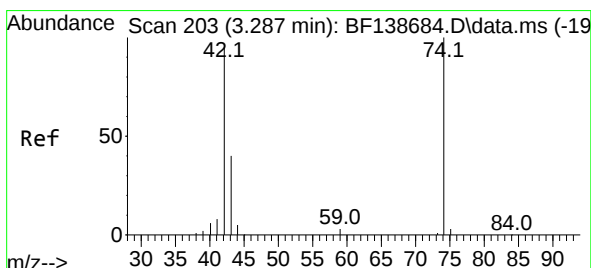
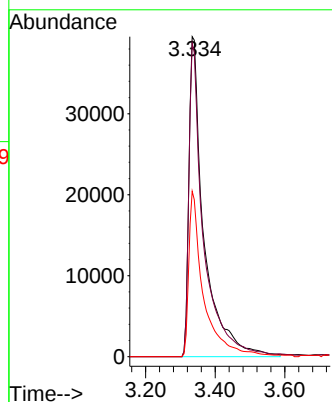
Tgt Ion: 79 Resp: 118879
Ion Ratio Lower Upper
79 100
52 97.9 74.7 112.1
51 51.7 34.6 51.8

Manual Integrations

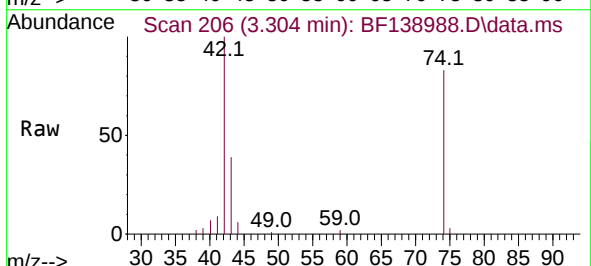
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Reviewed By :Yogesh Patel 08/15/2024

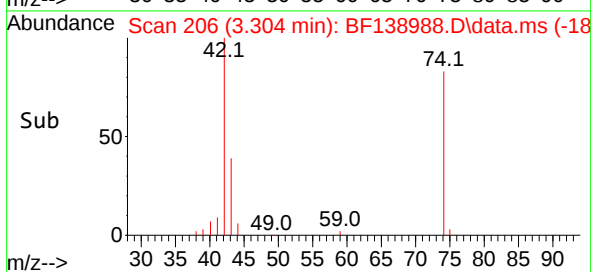
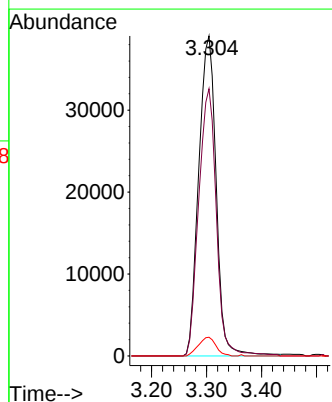
Supervised By :mohammad ahmed 08/16/2024

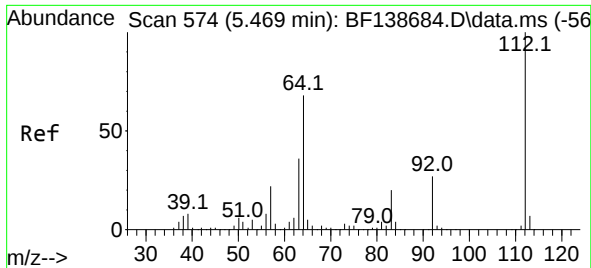


#4
n-Nitrosodimethylamine
Concen: 45.210 ng
RT: 3.304 min Scan# 206
Delta R.T. 0.018 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03



Tgt Ion: 42 Resp: 86150
Ion Ratio Lower Upper
42 100
74 83.5 84.2 126.4#
44 5.9 4.9 7.3





#5
2-Fluorophenol
Concen: 78.978 ng
RT: 5.469 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

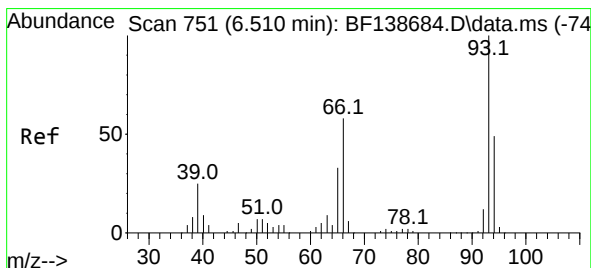
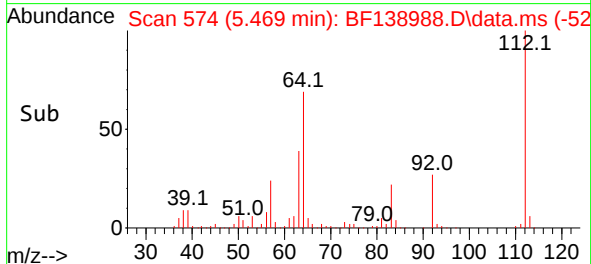
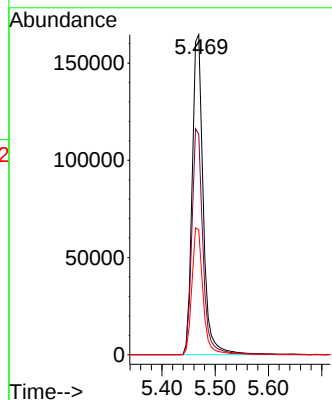
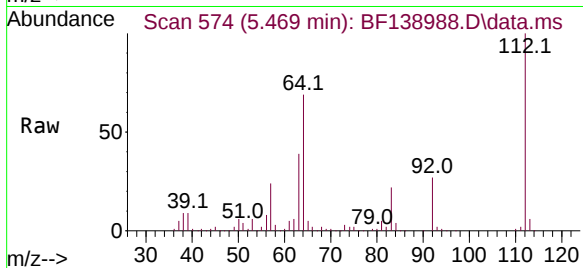
Tgt Ion:112 Resp: 23826
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 38.9 28.7 43.1

Manual Integrations

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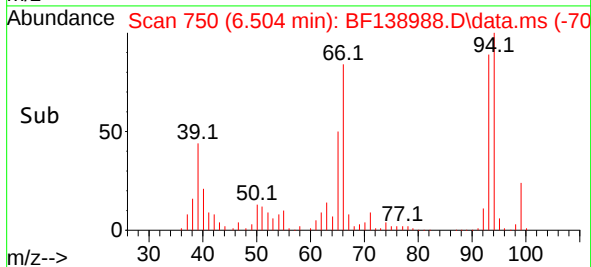
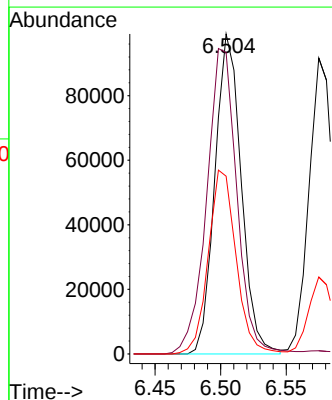
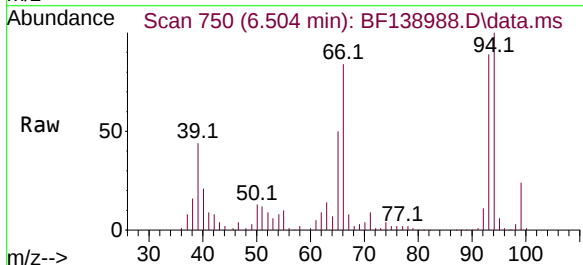
Reviewed By :Yogesh Patel 08/15/2024

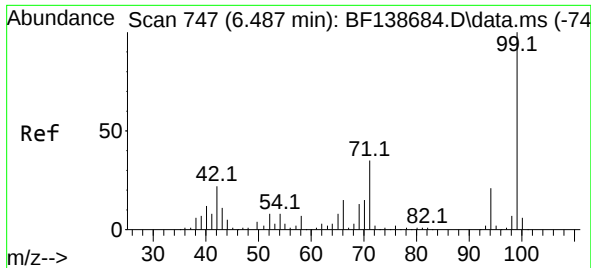
Supervised By :mohammad ahmed 08/16/2024



#6
Aniline
Concen: 38.250 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

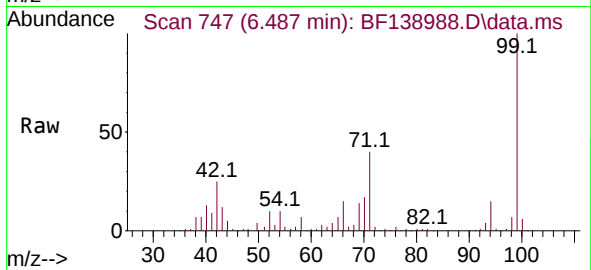
Tgt Ion: 93 Resp: 138167
Ion Ratio Lower Upper
93 100
66 94.2 46.9 70.3#
65 55.6 26.5 39.7#





#7
Phenol-d6
Concen: 78.311 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

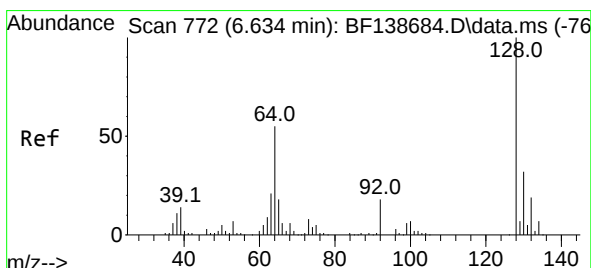
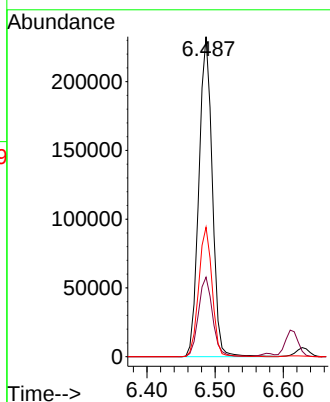
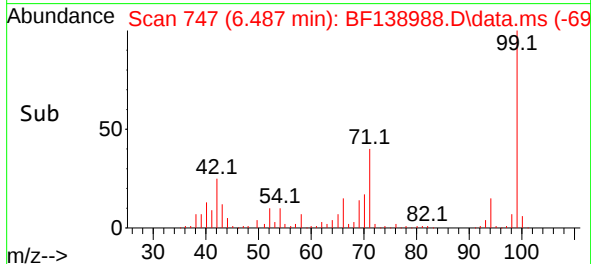
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



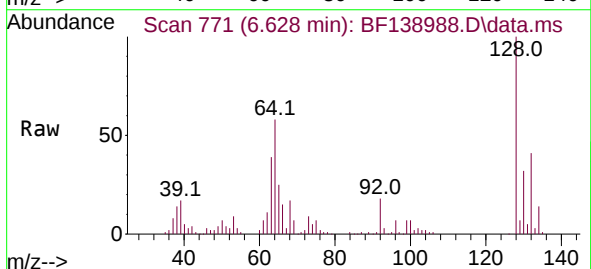
Tgt Ion: 99 Resp: 317188
Ion Ratio Lower Upper
99 100
42 24.8 17.4 26.0
71 40.5 28.1 42.1

Manual Integrations
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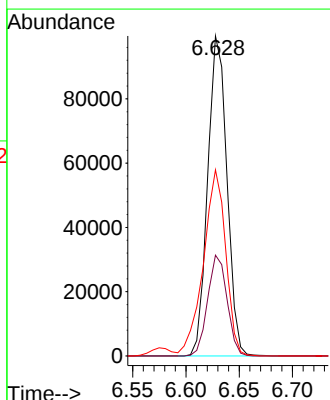
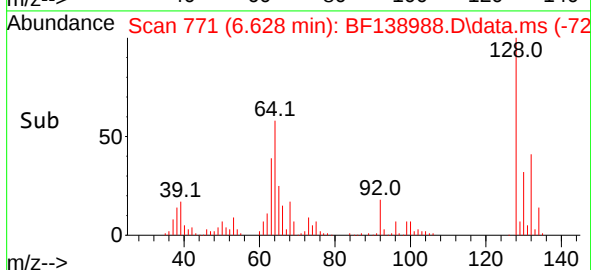
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

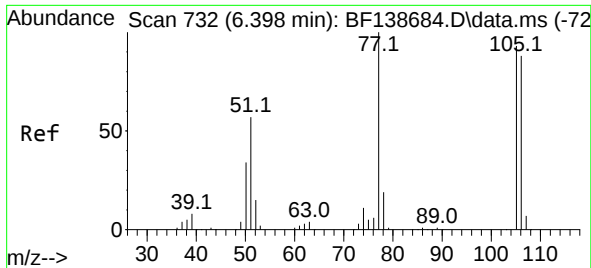


#8
2-Chlorophenol
Concen: 39.344 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03



Tgt Ion:128 Resp: 124880
Ion Ratio Lower Upper
128 100
130 31.5 12.0 52.0
64 58.2 36.3 76.3





#9
Benzaldehyde
Concen: 32.783 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

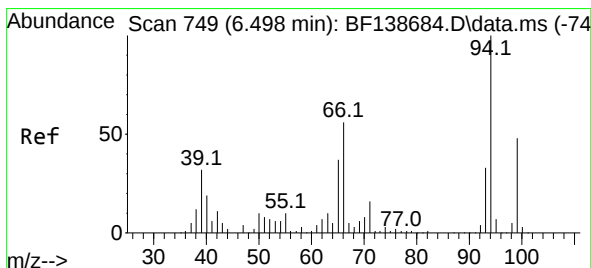
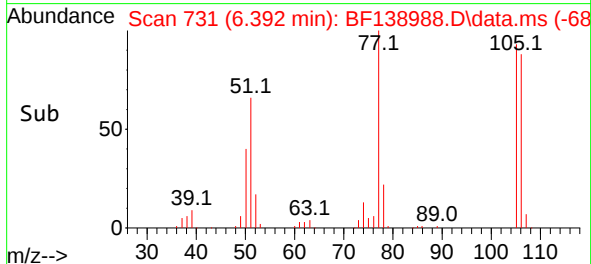
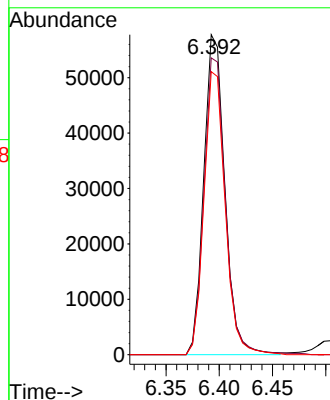
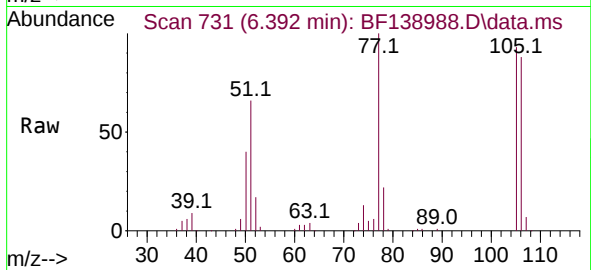
ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 79598
Ion Ratio Lower Upper
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105 92.7 72.9 112.9
106 88.4 68.4 108.4

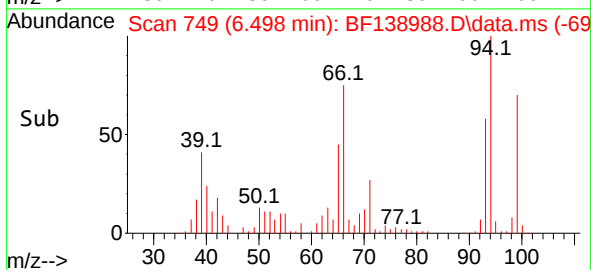
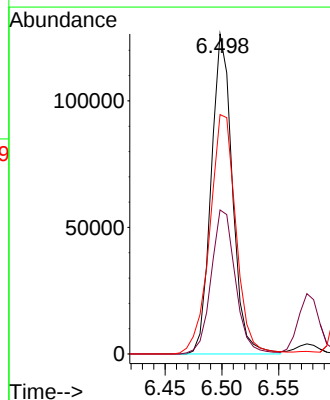
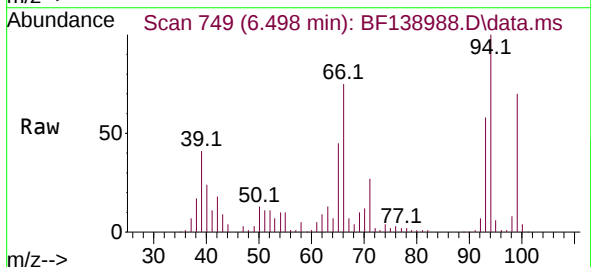
Manual Integrations
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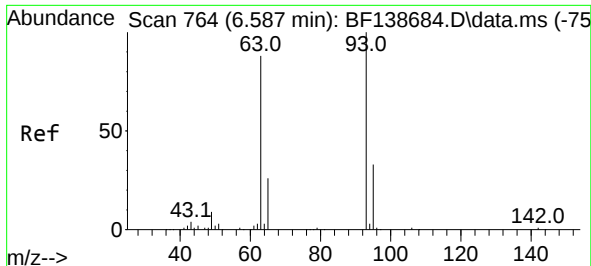
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#10
Phenol
Concen: 38.514 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Tgt Ion: 94 Resp: 164246
Ion Ratio Lower Upper
94 100
65 45.0 16.9 56.9
66 74.8 36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 36.171 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

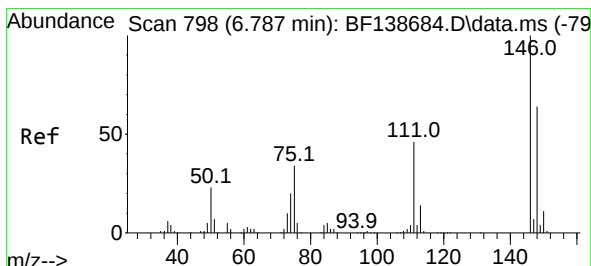
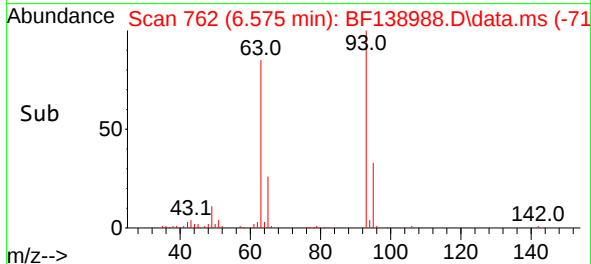
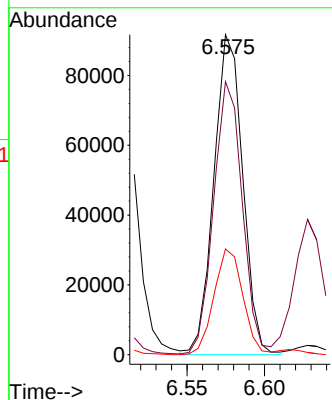
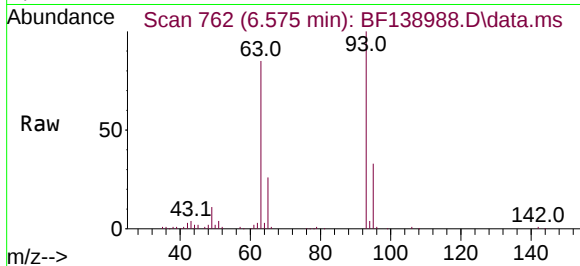
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 11870
Ion Ratio Lower Upper
93 100
63 85.4 65.3 105.3
95 33.0 12.4 52.4

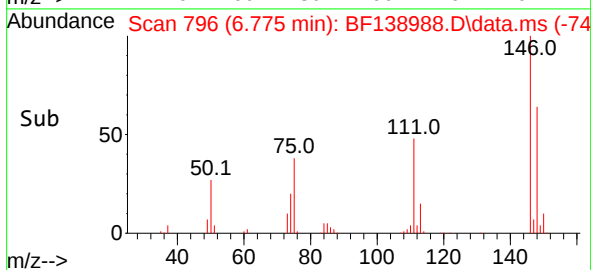
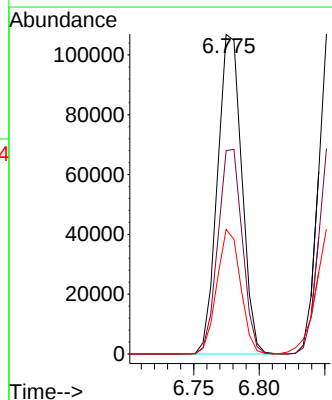
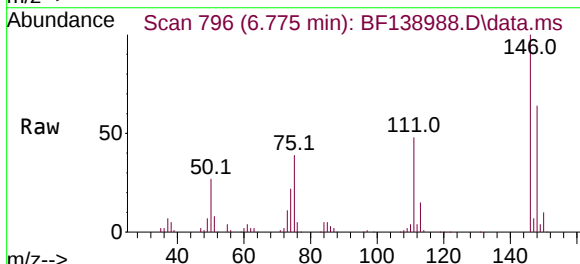
Manual Integrations
APPROVED

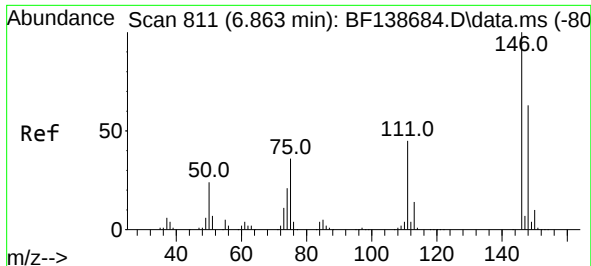
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#12
1,3-Dichlorobenzene
Concen: 38.642 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Tgt Ion:146 Resp: 137294
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
75 39.0 27.4 41.2





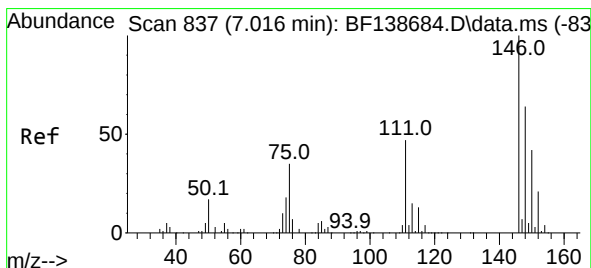
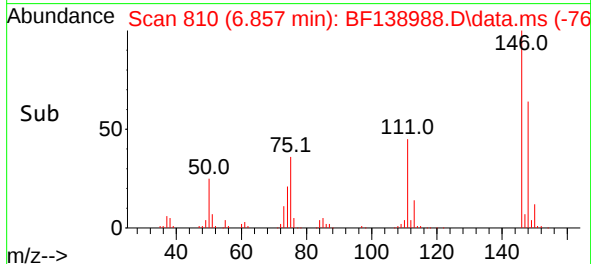
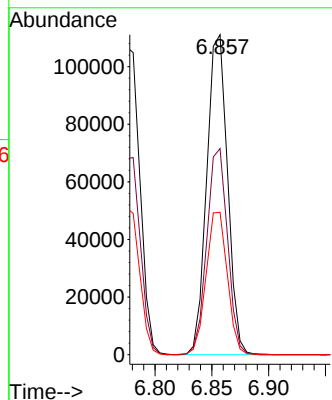
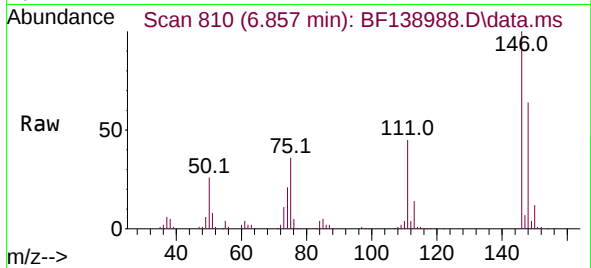
#13
1,4-Dichlorobenzene
Concen: 39.481 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 14156
Ion Ratio Lower Upper
146 100
148 64.4 50.2 75.2
111 44.5 35.9 53.9

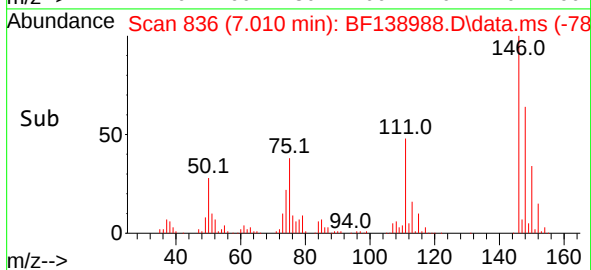
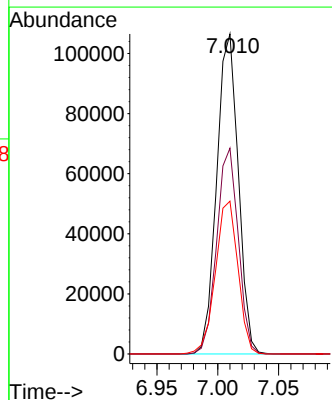
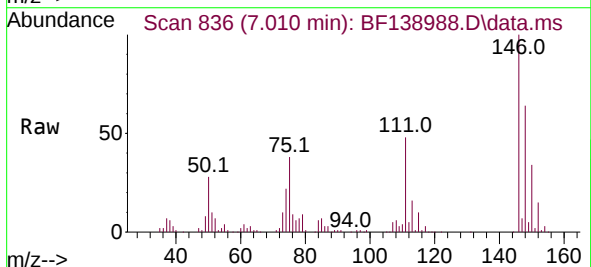
Manual Integrations
APPROVED

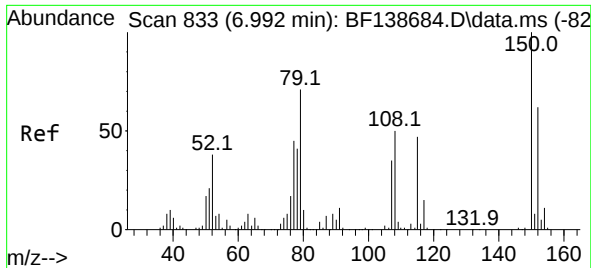
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#14
1,2-Dichlorobenzene
Concen: 39.221 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

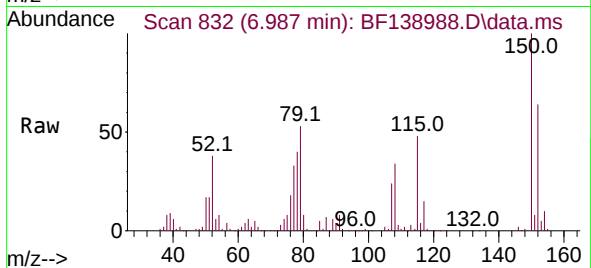
Tgt Ion:146 Resp: 131427
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 47.8 37.4 56.2





#15
Benzyl Alcohol
Concen: 41.229 ng
RT: 6.987 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

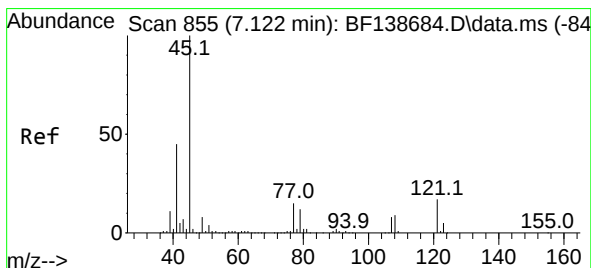
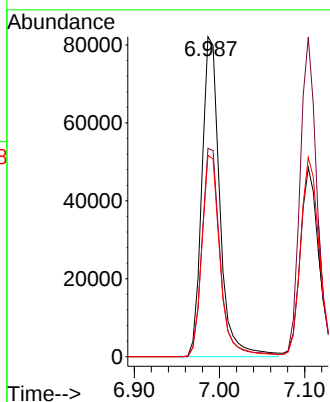
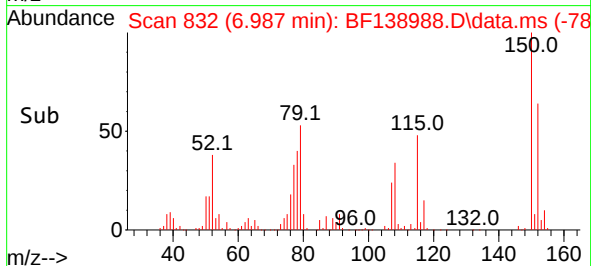
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 120359
Ion Ratio Lower Upper
79 100
108 65.1 56.6 85.0
77 62.9 50.3 75.5

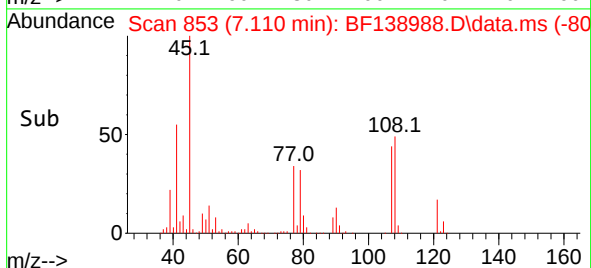
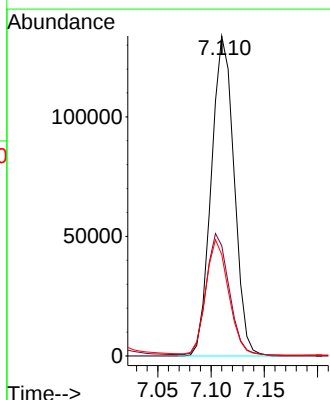
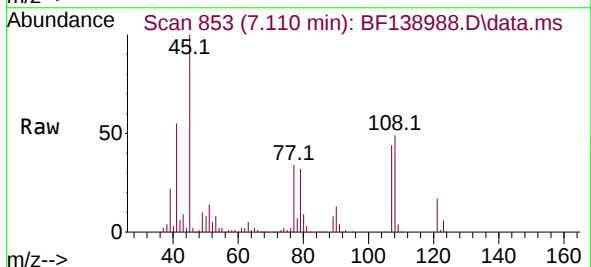
Manual Integrations
APPROVED

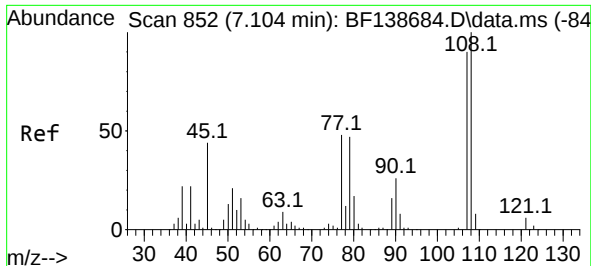
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.200 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Tgt Ion: 45 Resp: 198801
Ion Ratio Lower Upper
45 100
77 34.5 0.0 34.9
79 31.7 0.0 32.2





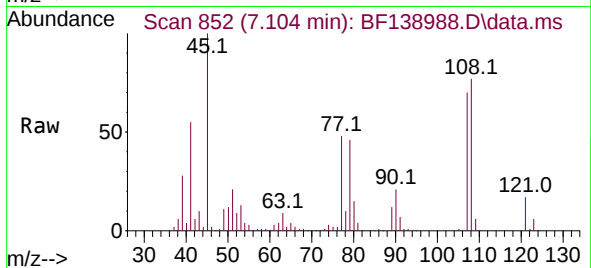
#17
2-Methylphenol
Concen: 38.428 ng
RT: 7.104 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

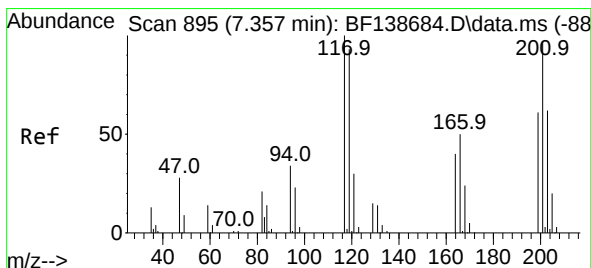
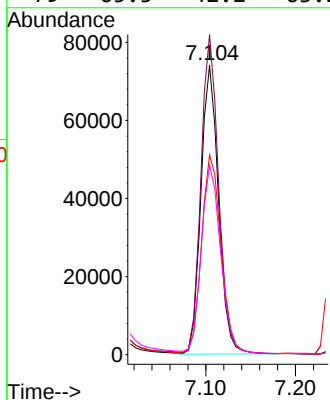
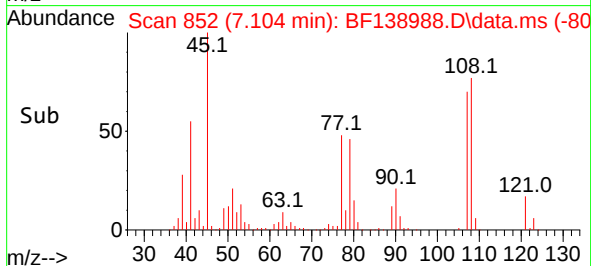


Tgt Ion:107 Resp: 100710
Ion Ratio Lower Upper
107 100
108 110.6 89.2 133.8
77 69.0 43.0 64.4
79 65.5 42.2 63.2#

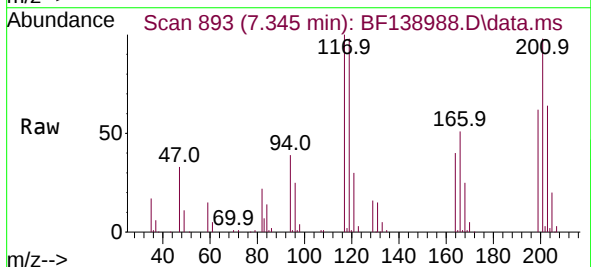
Manual Integrations

APPROVED

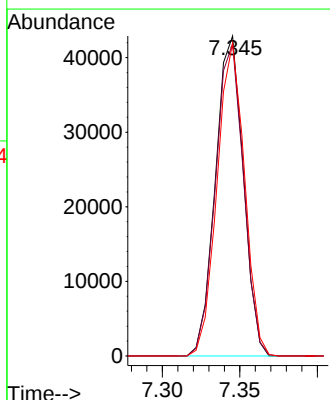
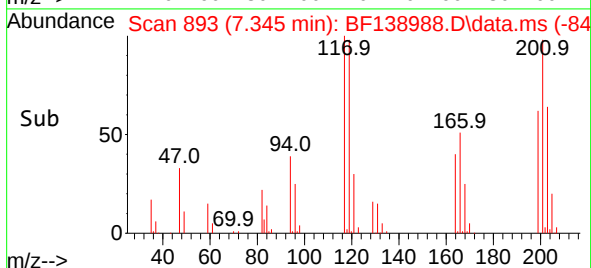
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

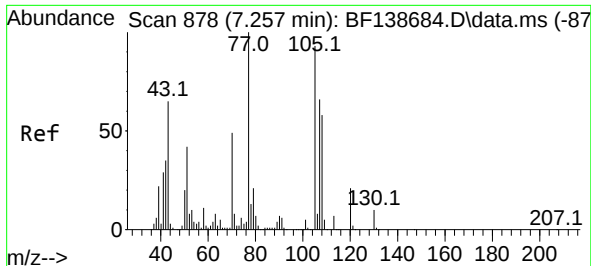


#18
Hexachloroethane
Concen: 39.720 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03



Tgt Ion:117 Resp: 53609
Ion Ratio Lower Upper
117 100
119 97.6 74.6 111.8
201 97.8 77.2 115.8





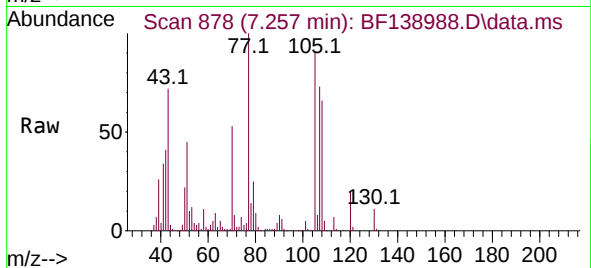
#19
n-Nitroso-di-n-propylamine
Concen: 39.876 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



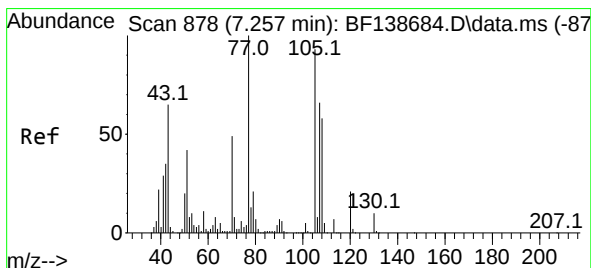
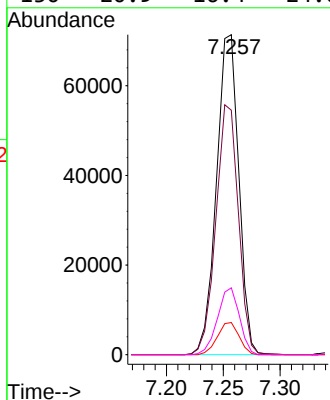
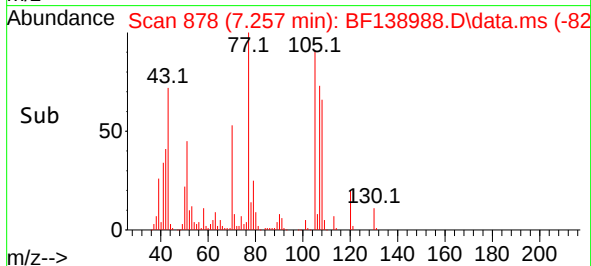
Tgt Ion: 70 Resp: 9755
Ion Ratio Lower Upper
70 100
42 76.4 57.4 86.0
101 10.0 7.5 11.3
130 20.9 16.4 24.6

Manual Integrations

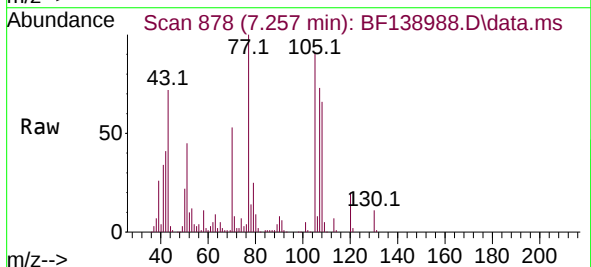
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

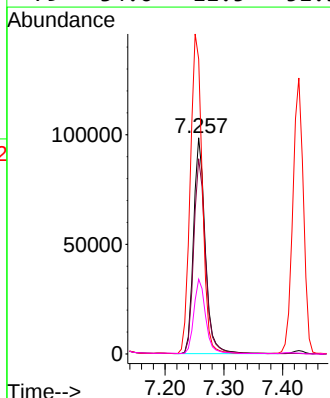
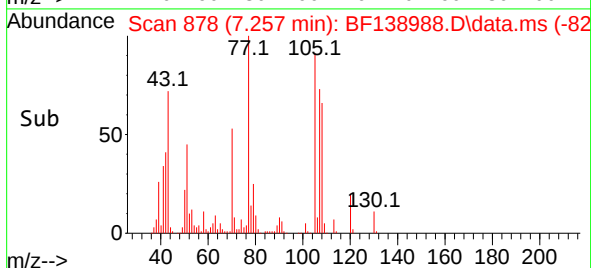
Supervised By :mohammad ahmed 08/16/2024

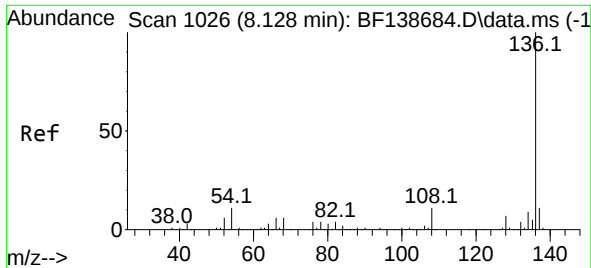


#20
3+4-Methylphenols
Concen: 40.386 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03



Tgt Ion:107 Resp: 135810
Ion Ratio Lower Upper
107 100
108 90.3 68.2 108.2
77 136.4 132.1 172.1
79 34.6 11.5 51.5





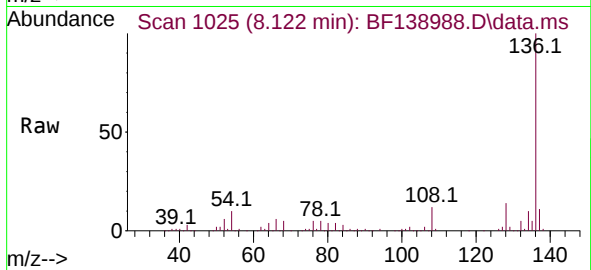
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



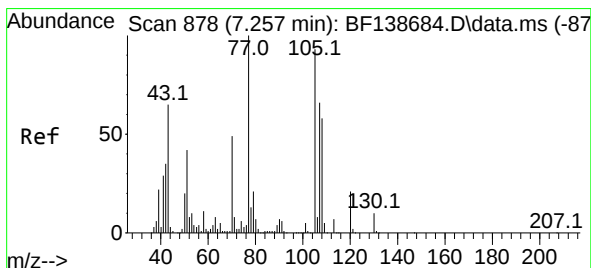
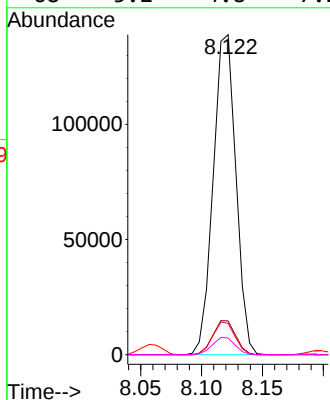
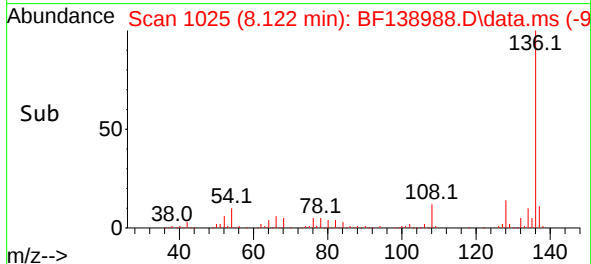
Tgt Ion:136 Resp: 180395
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.8 8.6 12.8
68 5.2 4.8 7.2

Manual Integrations

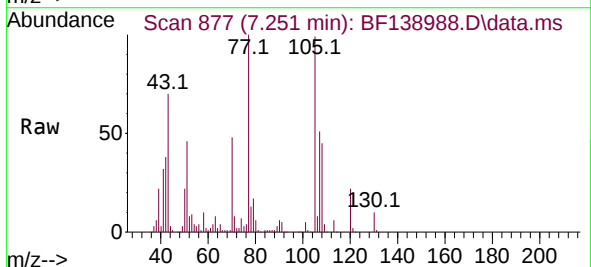
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

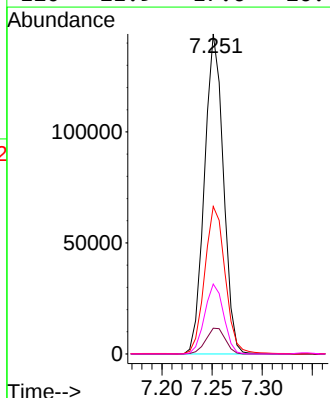
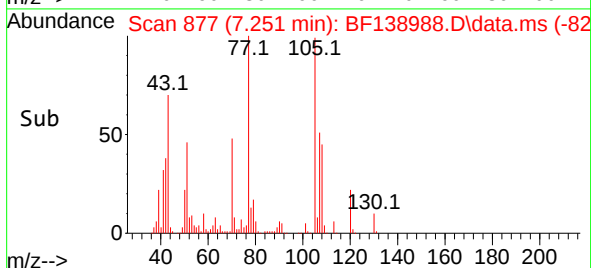
Supervised By :mohammad ahmed 08/16/2024

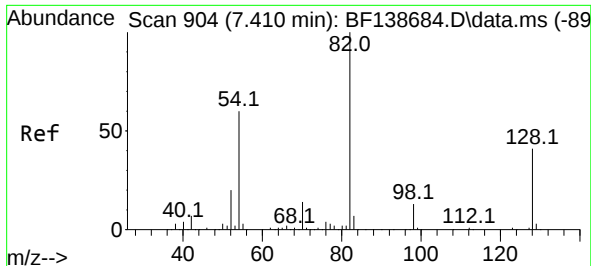


#22
Acetophenone
Concen: 42.932 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03



Tgt Ion:105 Resp: 189628
Ion Ratio Lower Upper
105 100
71 8.0 7.2 10.8
51 46.1 35.9 53.9
120 21.9 17.6 26.4





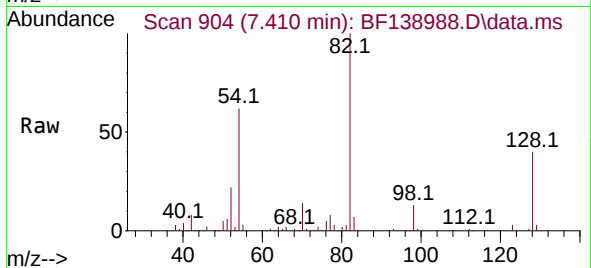
#23
Nitrobenzene-d5
Concen: 84.071 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

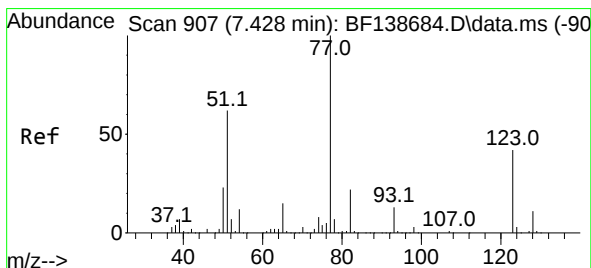
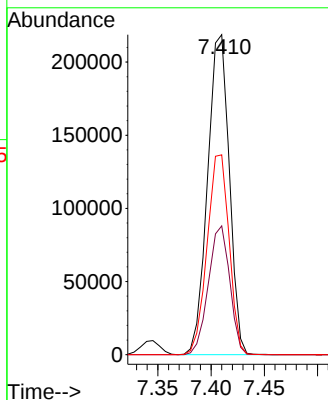
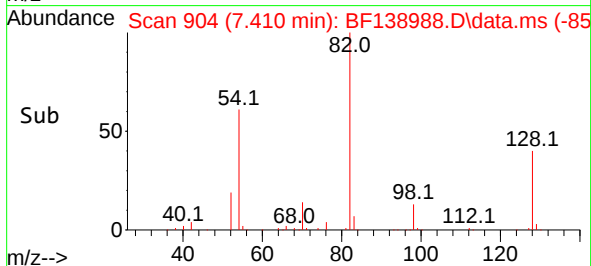


Tgt Ion: 82 Resp: 31019
Ion Ratio Lower Upper
82 100
128 40.3 32.8 49.2
54 62.4 48.3 72.5

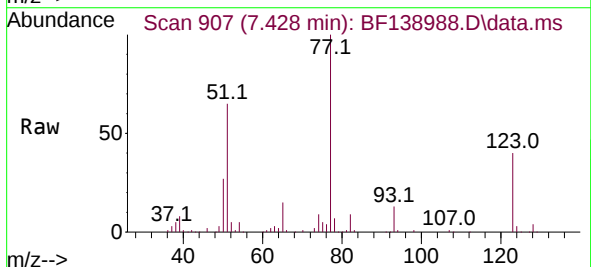
Manual Integrations

APPROVED

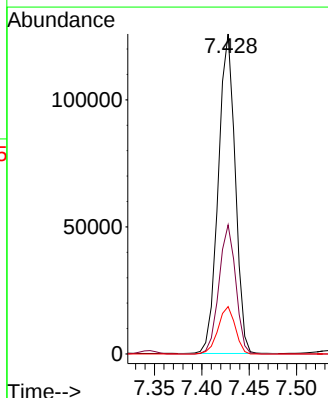
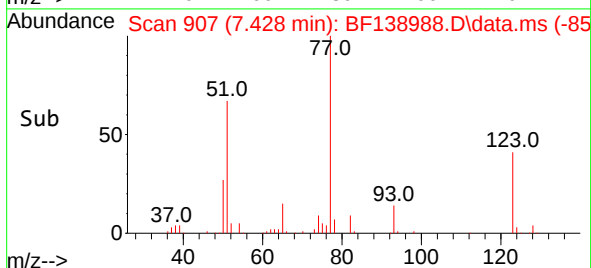
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

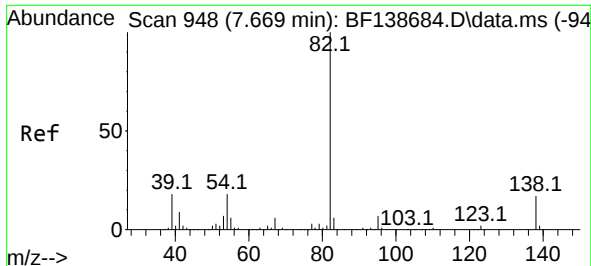


#24
Nitrobenzene
Concen: 41.674 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03



Tgt Ion: 77 Resp: 156466
Ion Ratio Lower Upper
77 100
123 40.3 33.3 49.9
65 14.8 11.9 17.9





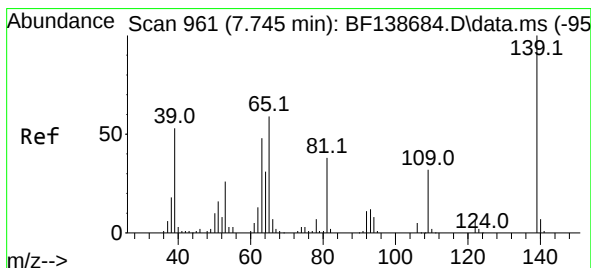
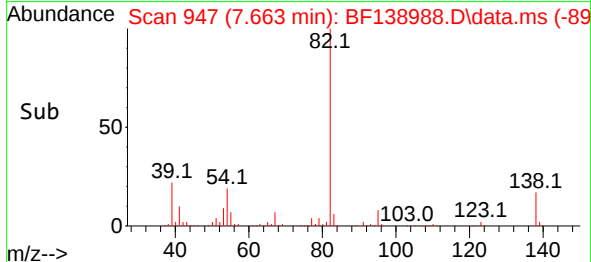
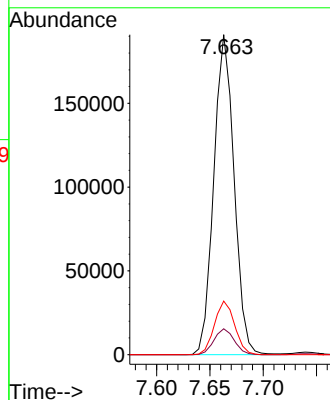
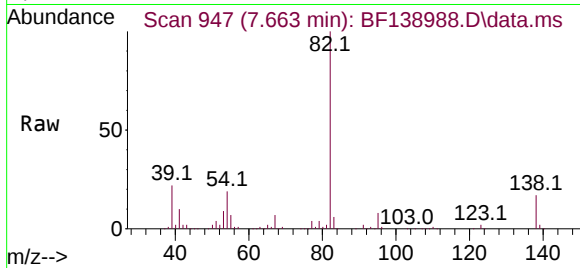
#25
Isophorone
Concen: 40.170 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 25308
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.7 13.7 20.5

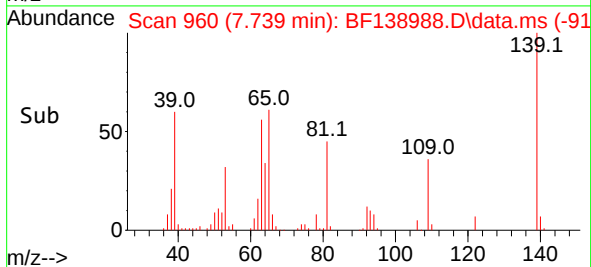
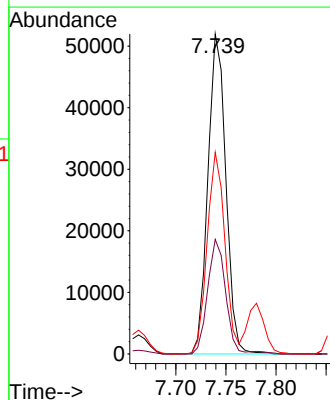
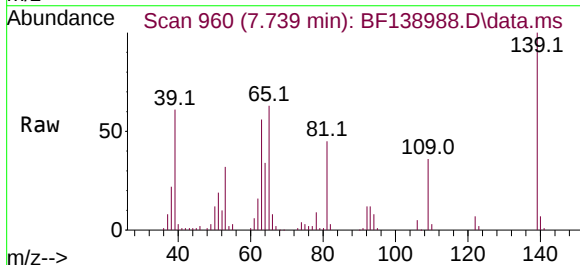
Manual Integrations
APPROVED

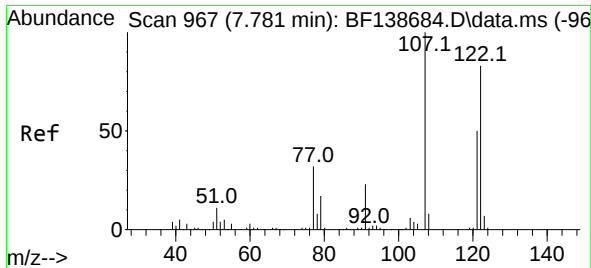
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#26
2-Nitrophenol
Concen: 40.063 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Tgt Ion:139 Resp: 64715
Ion Ratio Lower Upper
139 100
109 35.8 25.9 38.9
65 63.0 47.0 70.6





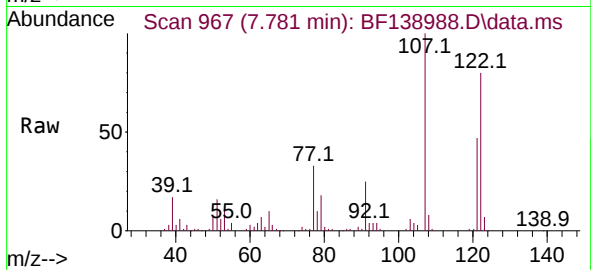
#27
2,4-Dimethylphenol
Concen: 39.859 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

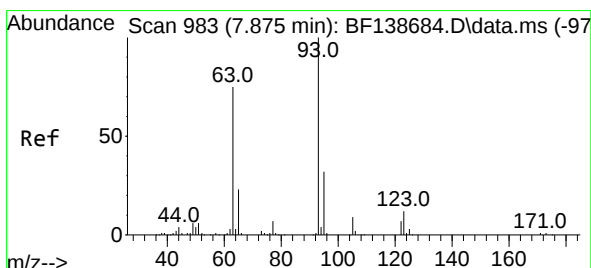
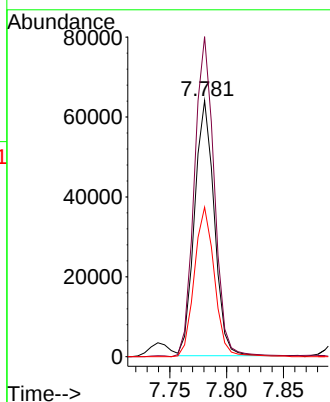
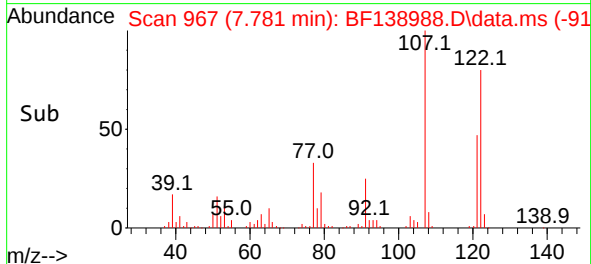
SSTDCCC040



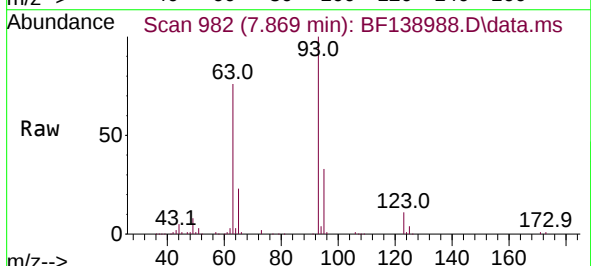
Tgt Ion:122 Resp: 77034
Ion Ratio Lower Upper
122 100
107 125.0 95.0 142.6
121 58.3 47.3 70.9

Manual Integrations
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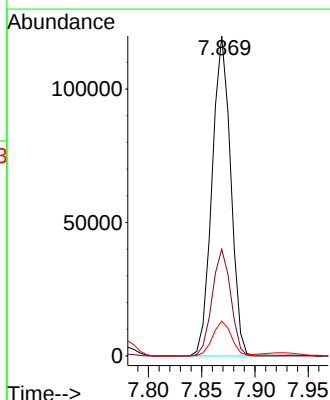
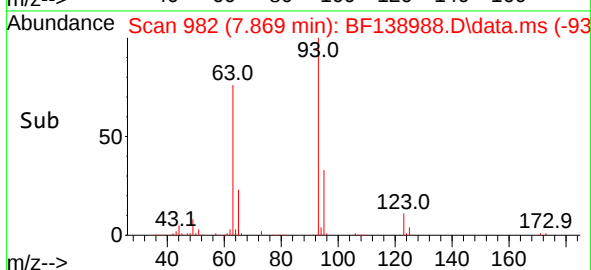
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

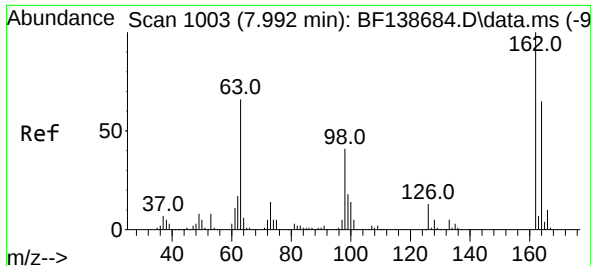


#28
bis(2-Chloroethoxy)methane
Concen: 38.016 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03



Tgt Ion: 93 Resp: 145855
Ion Ratio Lower Upper
93 100
95 33.3 25.8 38.8
123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.610 ng

RT: 7.986 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 10085

Ion Ratio Lower Upper

162 100

164 64.4 44.7 84.7

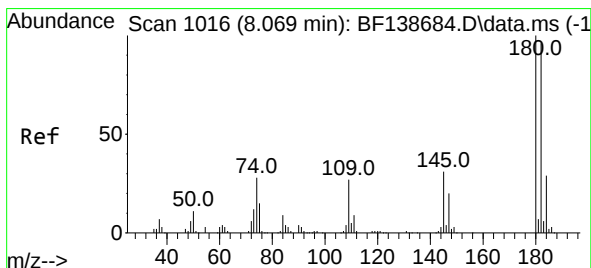
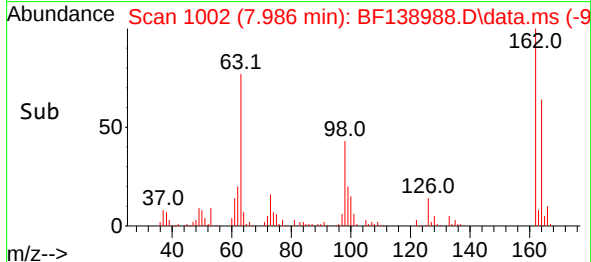
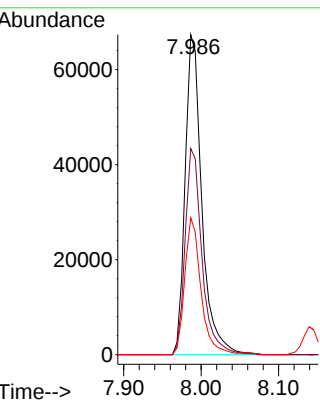
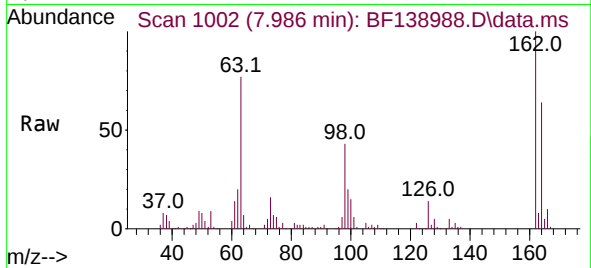
98 42.8 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.354 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

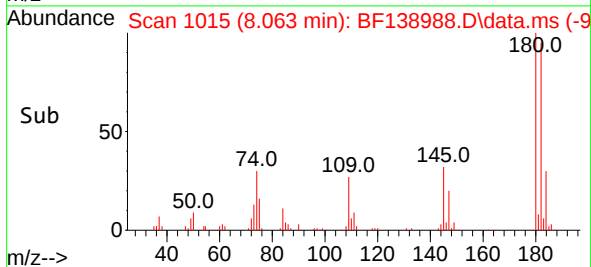
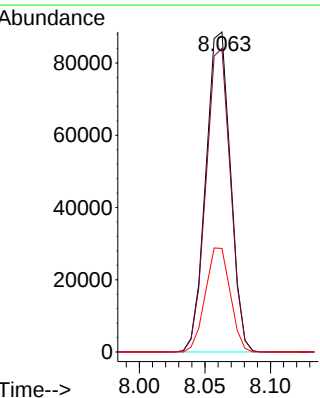
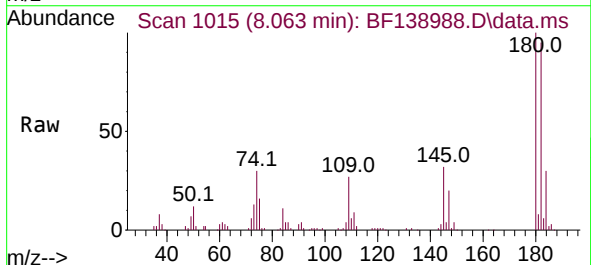
Tgt Ion:180 Resp: 115653

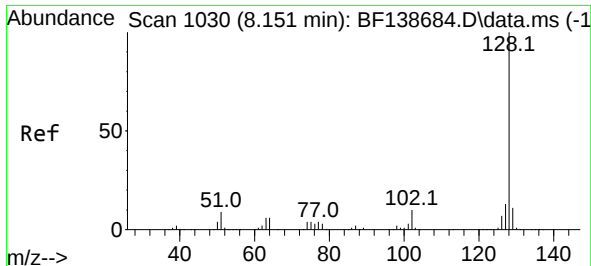
Ion Ratio Lower Upper

180 100

182 94.9 76.9 115.3

145 32.4 25.0 37.4





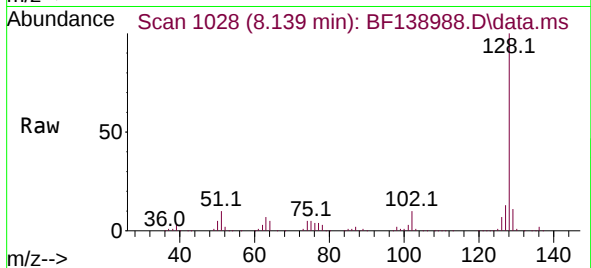
#31
Naphthalene
Concen: 40.153 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



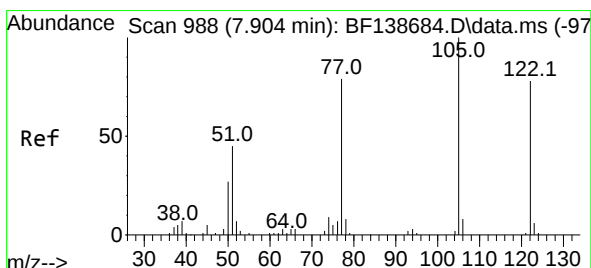
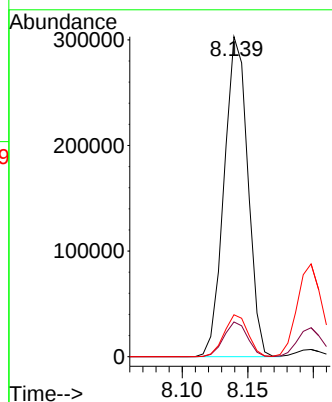
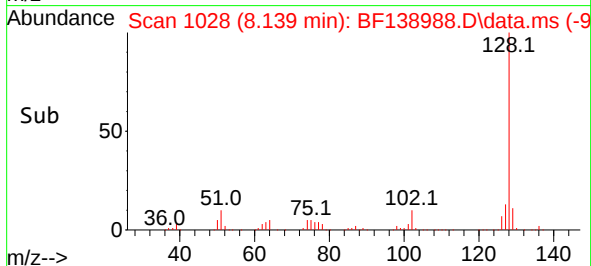
Tgt Ion:128 Resp: 381268
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.6 16.0

Manual Integrations

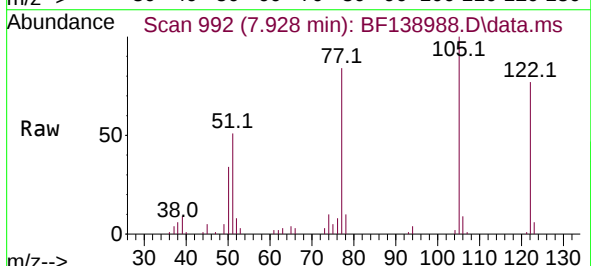
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

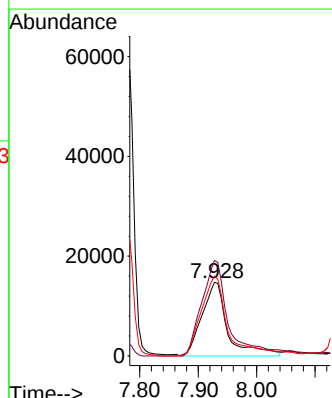
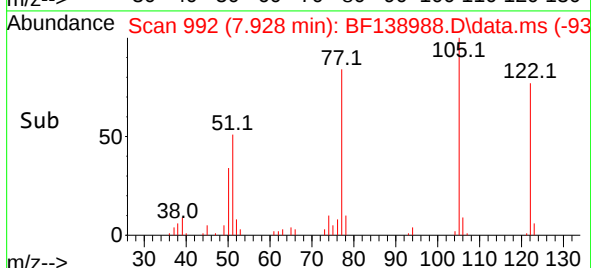
Supervised By :mohammad ahmed 08/16/2024

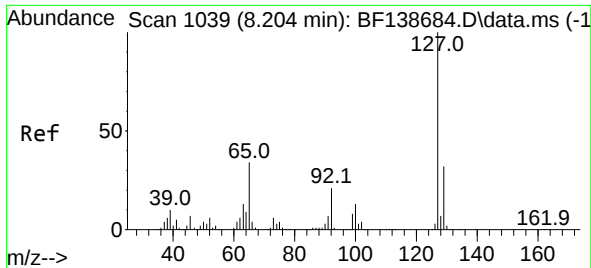


#32
Benzoic acid
Concen: 29.736 ng m
RT: 7.928 min Scan# 992
Delta R.T. 0.024 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03



Tgt Ion:122 Resp: 45176
Ion Ratio Lower Upper
122 100
105 129.6 106.7 146.7
77 108.4 81.1 121.1





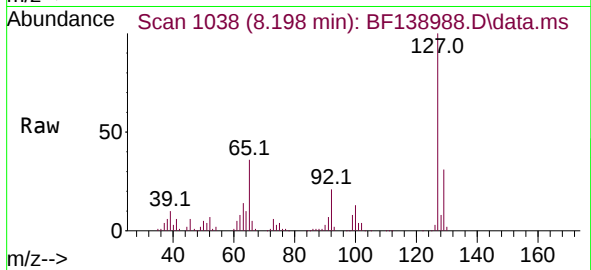
#33
4-Chloroaniline
Concen: 38.457 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



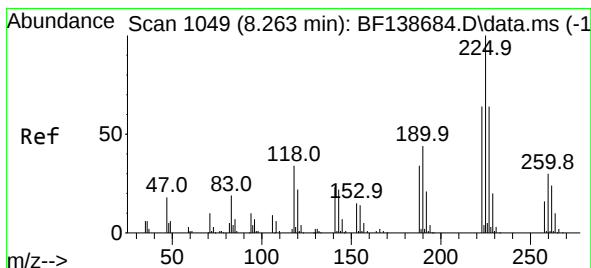
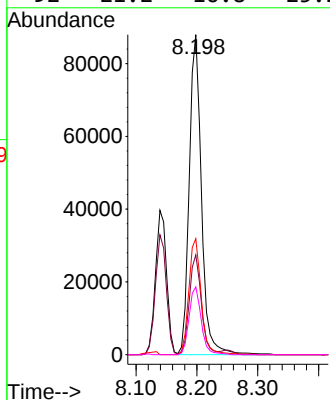
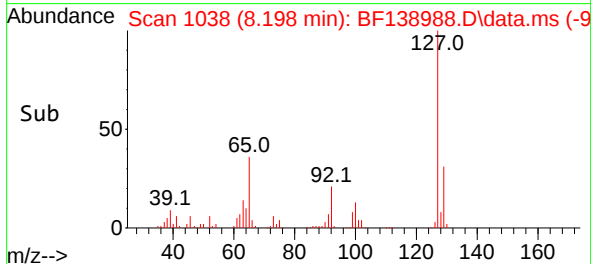
Tgt Ion:127 Resp: 122579
Ion Ratio Lower Upper
127 100
129 31.2 25.9 38.9
65 36.3 27.6 41.4
92 21.2 16.8 25.2

Manual Integrations

APPROVED

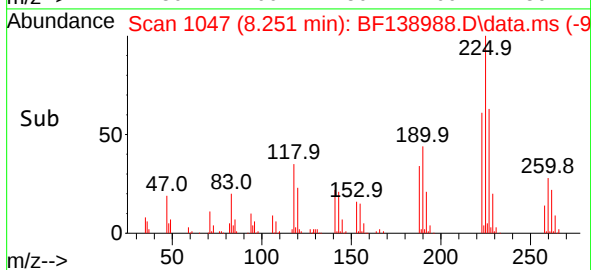
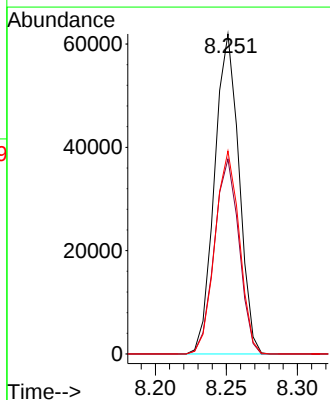
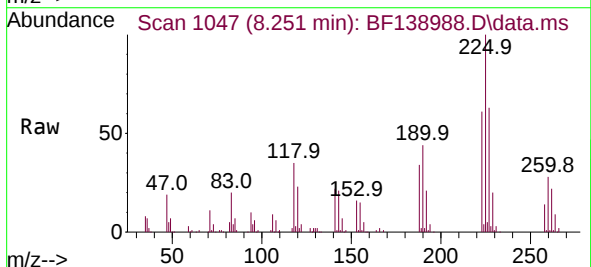
Reviewed By :Yogesh Patel 08/15/2024

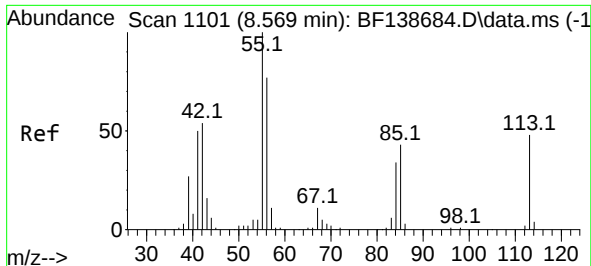
Supervised By :mohammad ahmed 08/16/2024



#34
Hexachlorobutadiene
Concen: 42.681 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

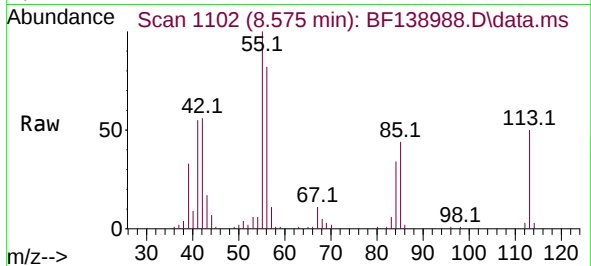
Tgt Ion:225 Resp: 74090
Ion Ratio Lower Upper
225 100
223 60.9 51.2 76.8
227 63.4 51.1 76.7





#35
Caprolactam
Concen: 43.423 ng m
RT: 8.575 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

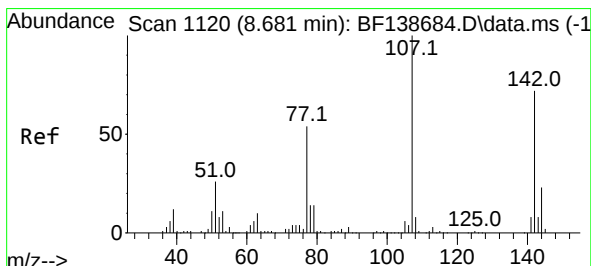
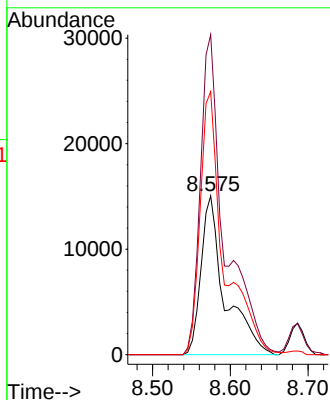
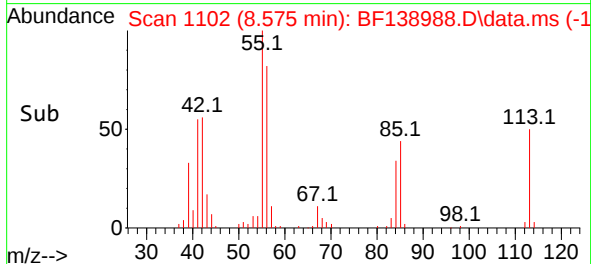
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 32178
Ion Ratio Lower Upper
113 100
55 201.3 186.7 226.7
56 165.5 138.9 178.9

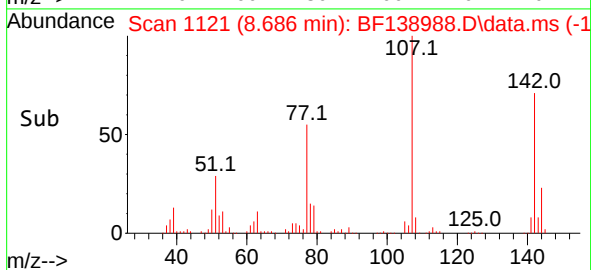
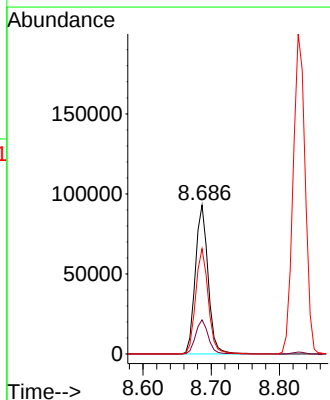
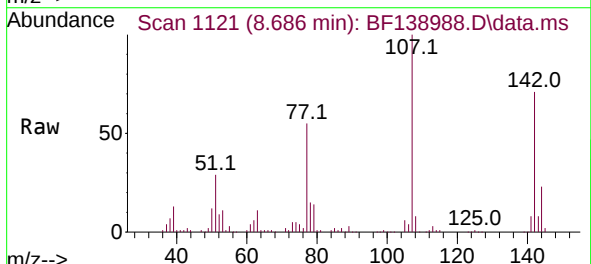
Manual Integrations
APPROVED

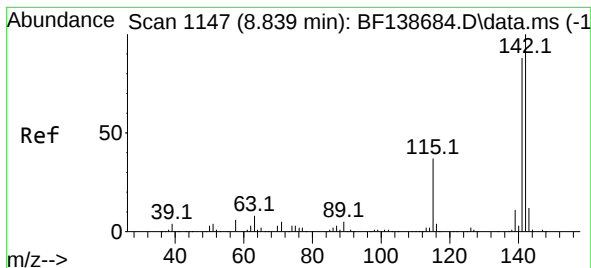
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#36
4-Chloro-3-methylphenol
Concen: 42.436 ng
RT: 8.686 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Tgt Ion:107 Resp: 120444
Ion Ratio Lower Upper
107 100
144 22.9 18.2 27.2
142 70.7 57.4 86.2





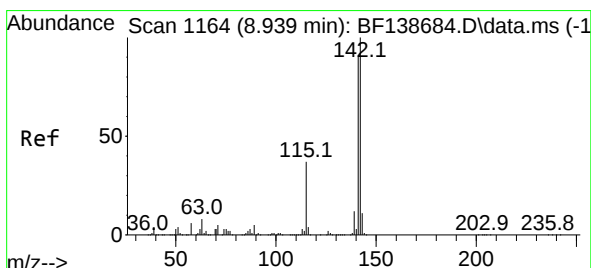
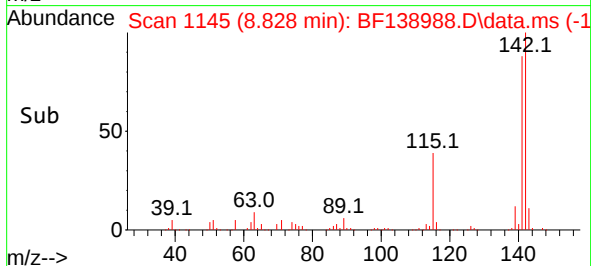
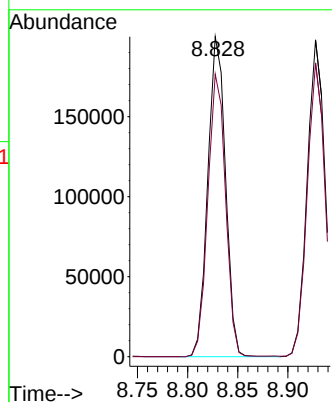
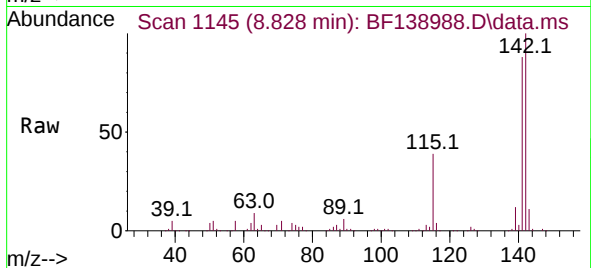
#37
2-Methylnaphthalene
Concen: 40.974 ng
RT: 8.828 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 24571
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2

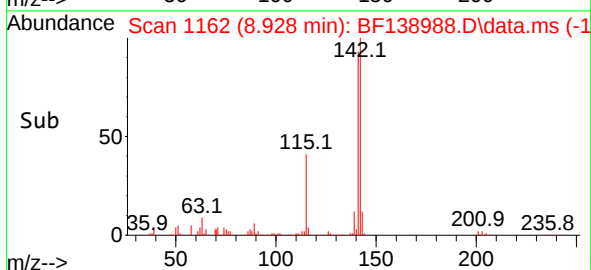
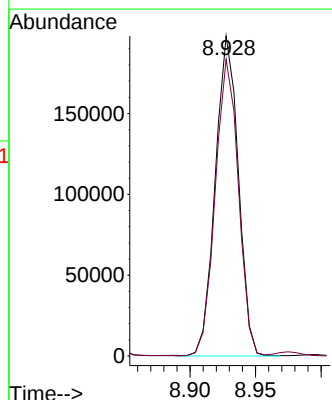
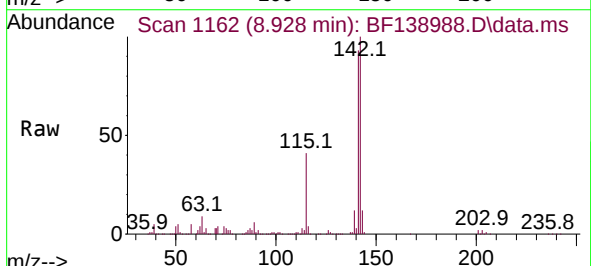
Manual Integrations
APPROVED

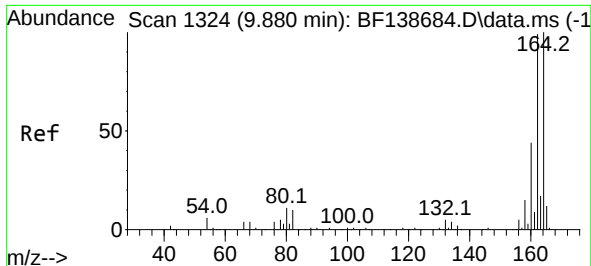
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#38
1-Methylnaphthalene
Concen: 41.175 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Tgt Ion:142 Resp: 241962
Ion Ratio Lower Upper
142 100
141 92.7 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1173

Delta R.T. -0.011 min

Lab File: BF138988.D

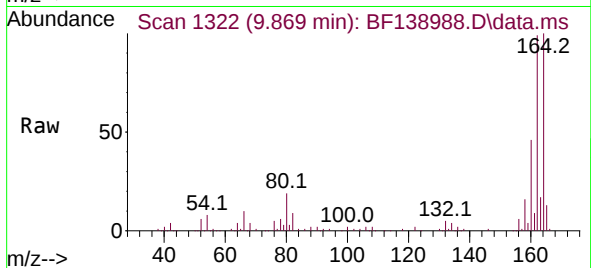
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 10075

Ion Ratio Lower Upper

164 100

162 99.3 79.4 119.0

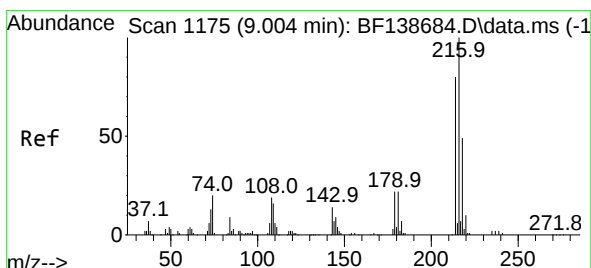
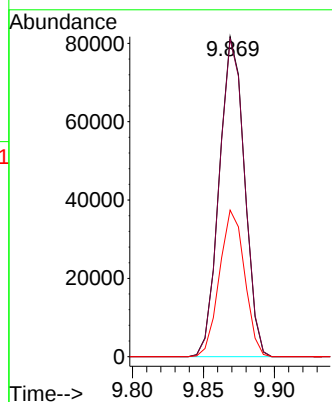
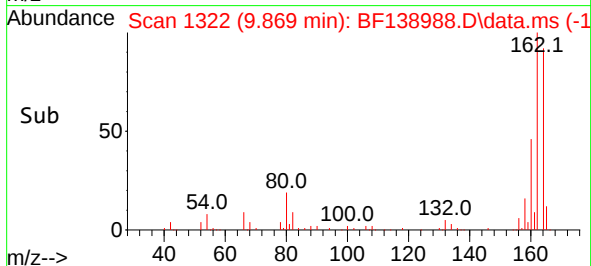
160 45.8 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.349 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Tgt Ion:216 Resp: 112930

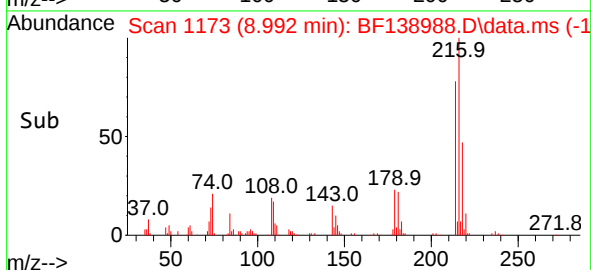
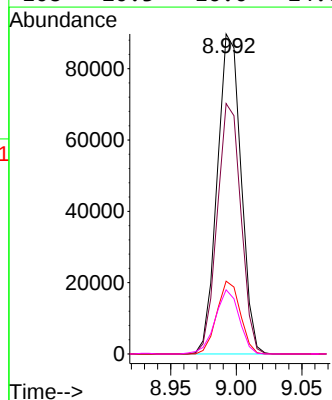
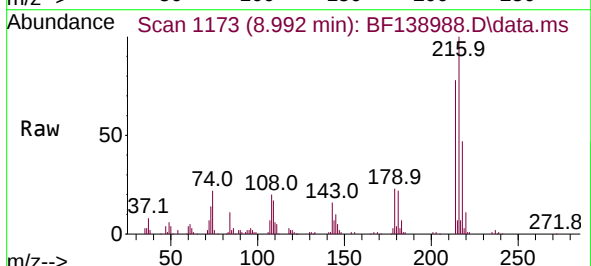
Ion Ratio Lower Upper

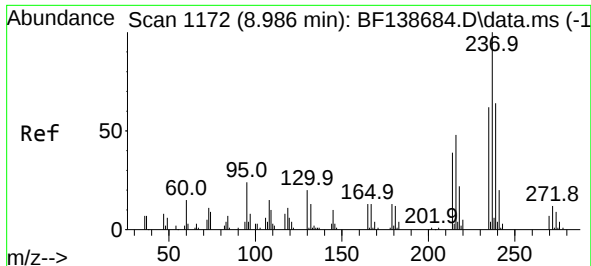
216 100

214 77.8 63.9 95.9

179 22.4 17.8 26.6

108 20.3 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 32.674 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.011 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

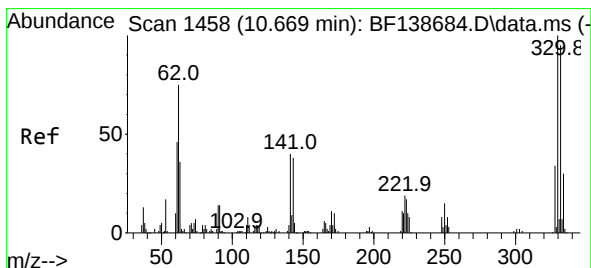
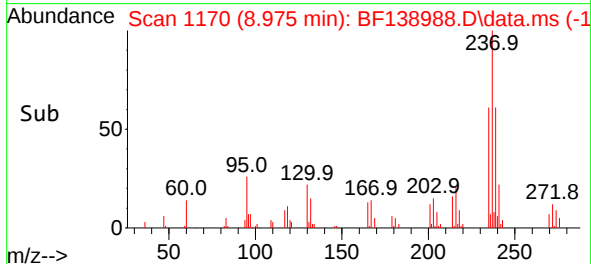
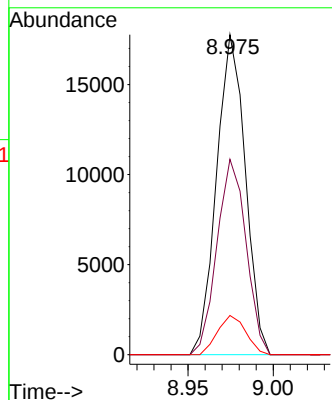
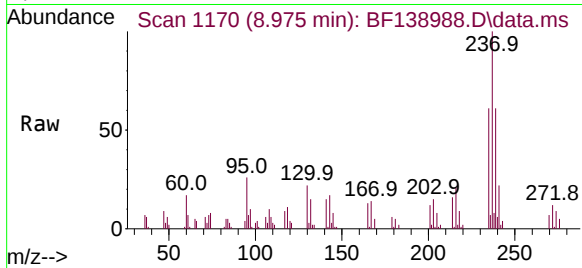
ClientSampleId :

SSTDCCC040

Tgt Ion: 237 Resp: 2086
Ion Ratio Lower Upper
237 100
235 61.1 41.8 81.8
272 12.2 0.0 32.2

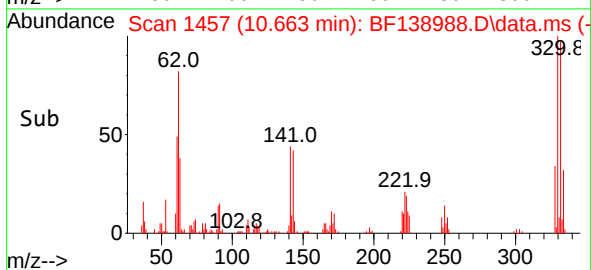
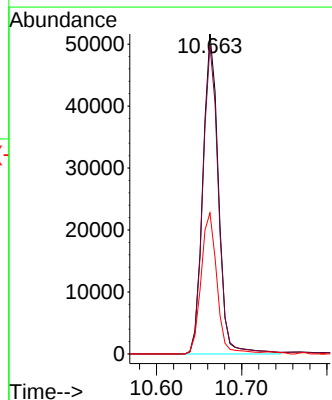
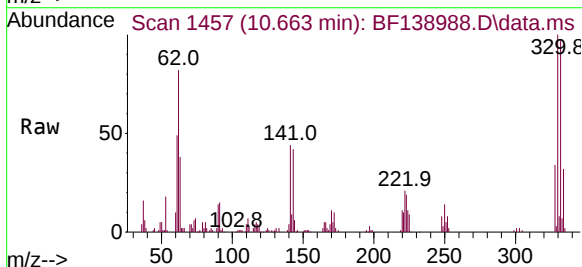
Manual Integrations
APPROVED

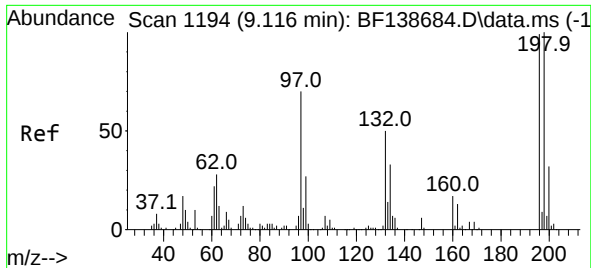
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#42
2,4,6-Tribromophenol
Concen: 79.472 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

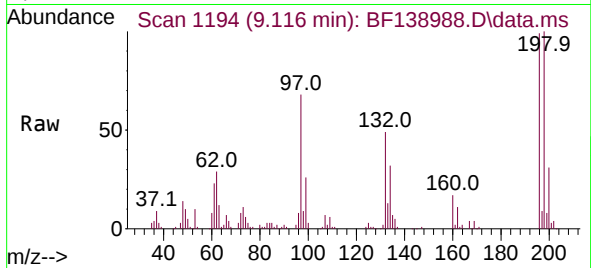
Tgt Ion: 330 Resp: 65588
Ion Ratio Lower Upper
330 100
332 96.7 76.4 114.6
141 44.7 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 39.096 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

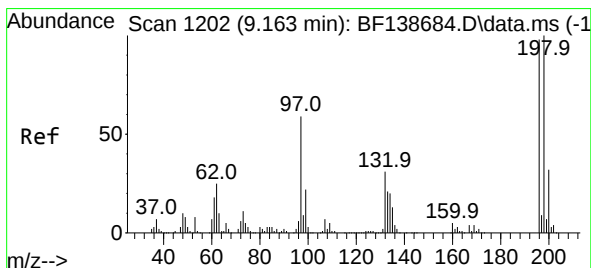
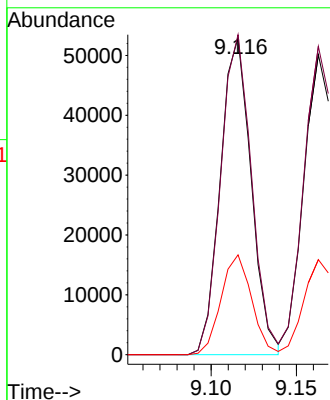
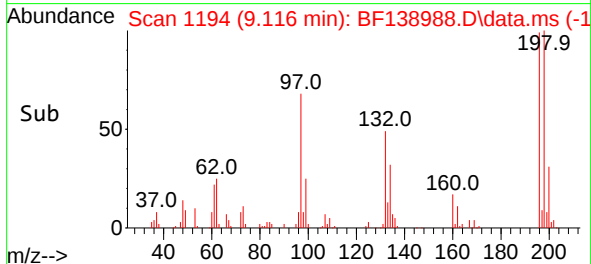
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



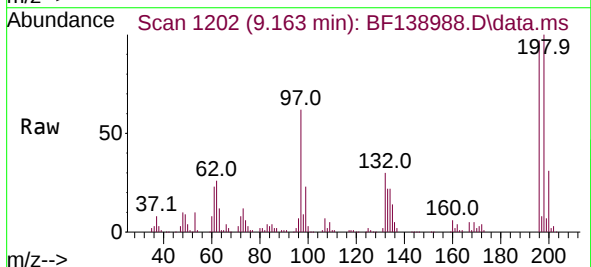
Tgt Ion:196 Resp: 66710
Ion Ratio Lower Upper
196 100
198 100.9 80.5 120.7
200 31.5 25.9 38.9

Manual Integrations
APPROVED

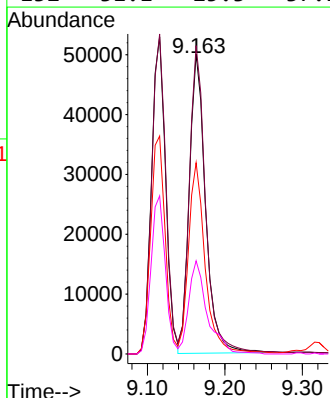
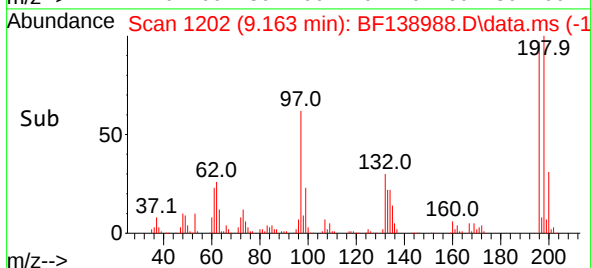
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

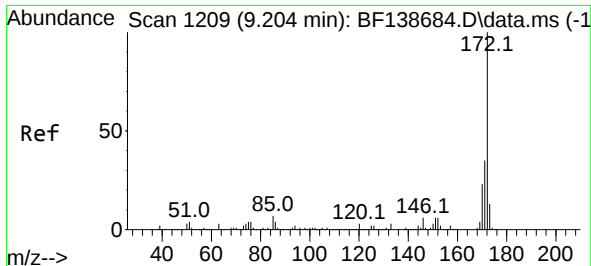


#44
2,4,5-Trichlorophenol
Concen: 38.990 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03



Tgt Ion:196 Resp: 72737
Ion Ratio Lower Upper
196 100
198 102.8 81.2 121.8
97 63.7 47.8 71.6
132 31.1 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 82.676 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

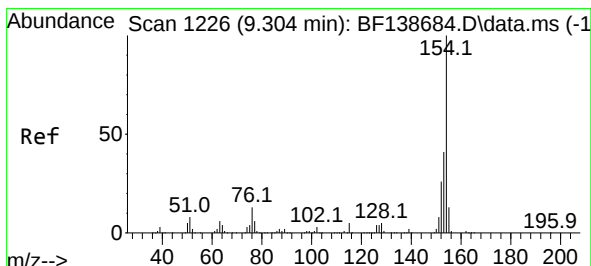
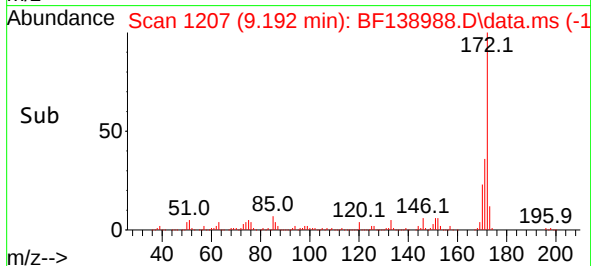
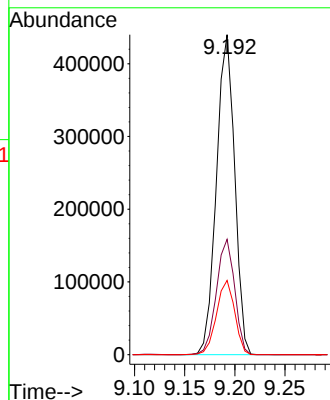
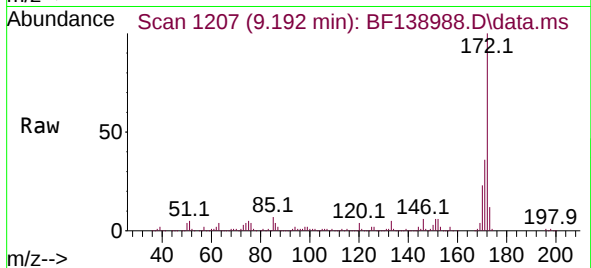
SSTDCCC040

Tgt Ion:172 Resp: 554400
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.2 18.8 28.2

Manual Integrations

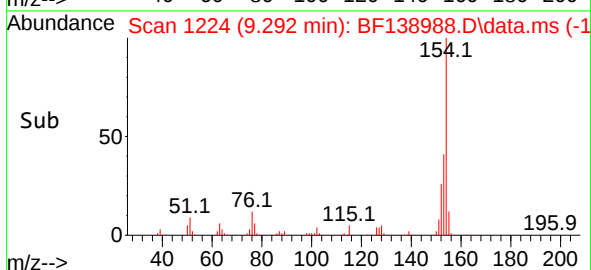
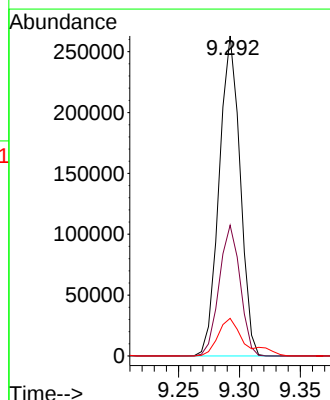
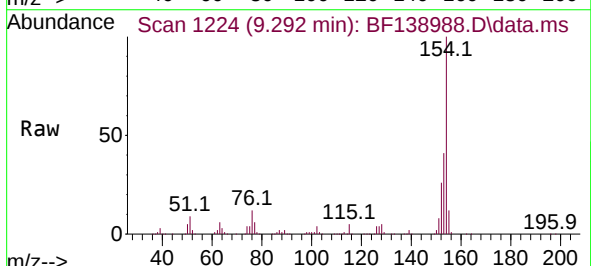
APPROVED

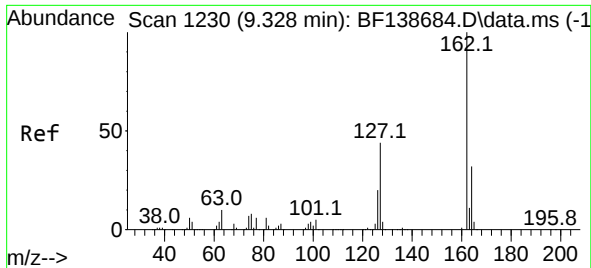
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#46
1,1'-Biphenyl
Concen: 39.920 ng
RT: 9.292 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Tgt Ion:154 Resp: 314999
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 11.8 0.0 32.8





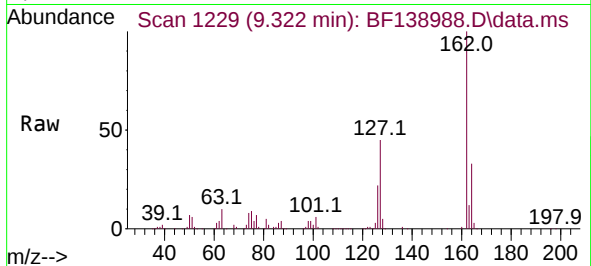
#47
2-Chloronaphthalene
Concen: 39.241 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

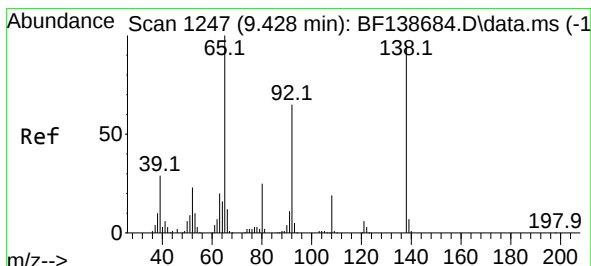
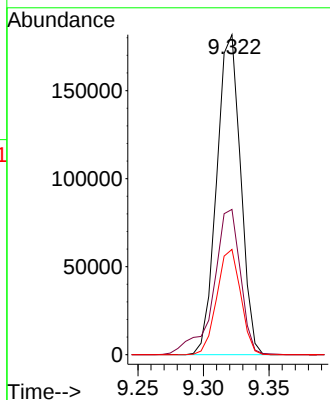
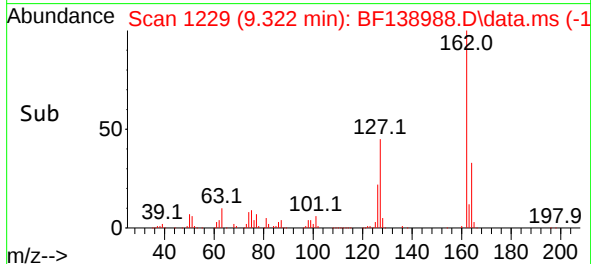


Tgt Ion:162 Resp: 23029
Ion Ratio Lower Upper
162 100
127 45.4 35.4 53.2
164 32.9 25.6 38.4

Manual Integrations

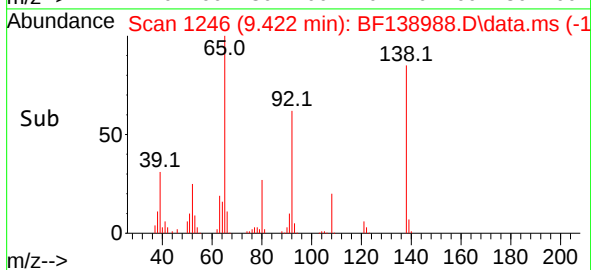
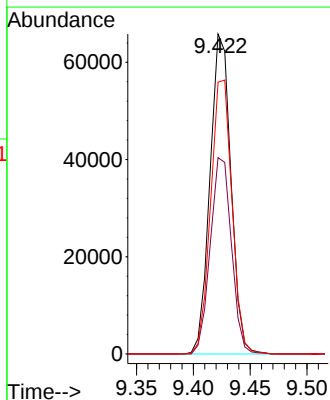
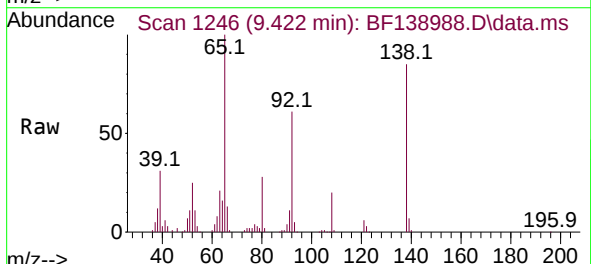
APPROVED

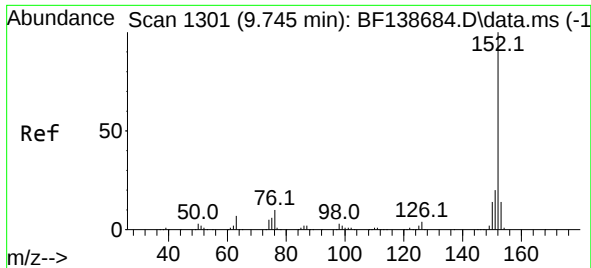
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#48
2-Nitroaniline
Concen: 42.361 ng
RT: 9.422 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Tgt Ion: 65 Resp: 84279
Ion Ratio Lower Upper
65 100
92 61.3 52.0 78.0
138 84.9 76.2 114.4





#49

Acenaphthylene

Concen: 39.371 ng

RT: 9.733 min Scan# 1299

Delta R.T. -0.012 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

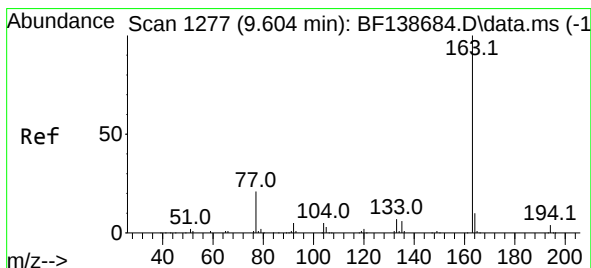
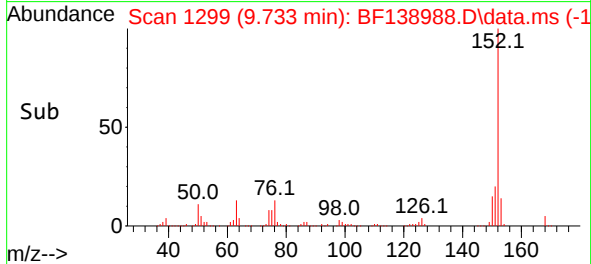
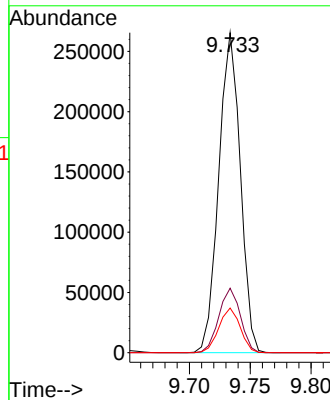
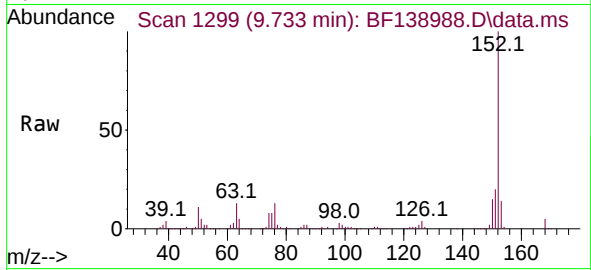
Tgt Ion:	152	Resp:	32770
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.0	24.0
153	14.0	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#50

Dimethylphthalate

Concen: 41.594 ng

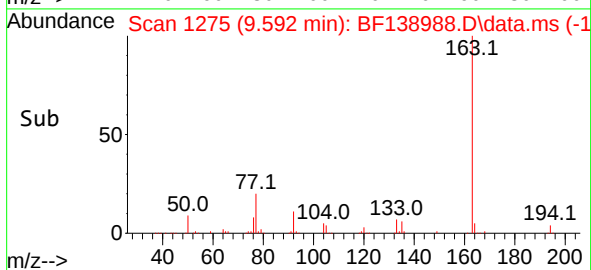
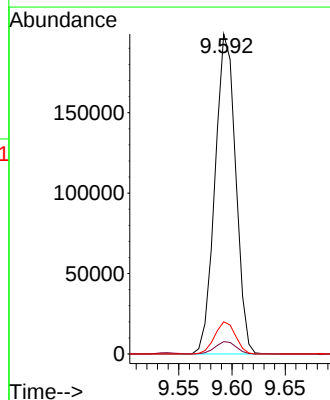
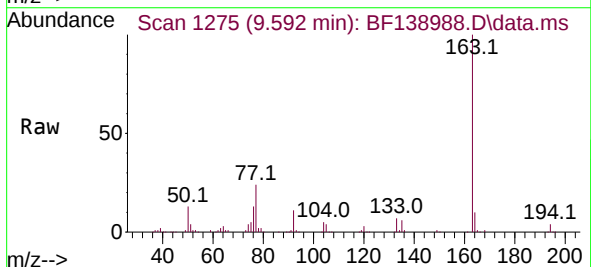
RT: 9.592 min Scan# 1275

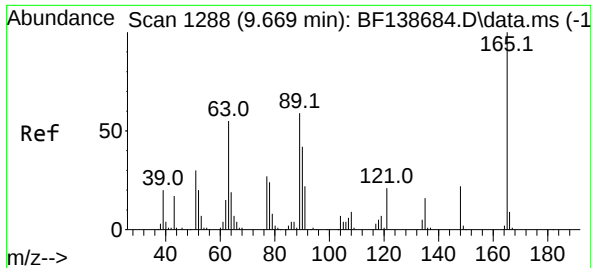
Delta R.T. -0.012 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Tgt Ion:	163	Resp:	267963
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	10.1	7.8	11.8





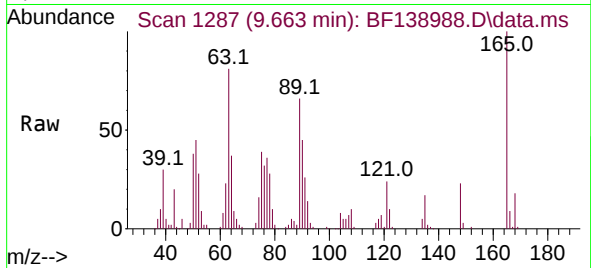
#51
2,6-Dinitrotoluene
Concen: 41.487 ng
RT: 9.663 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



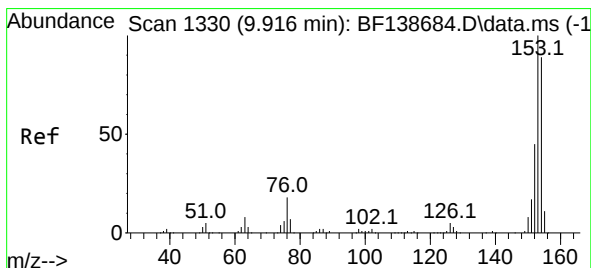
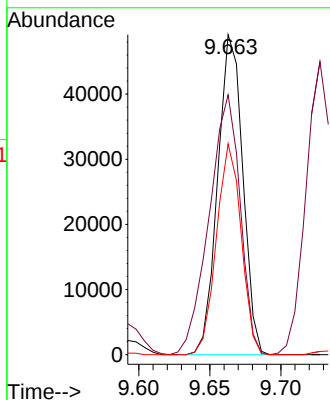
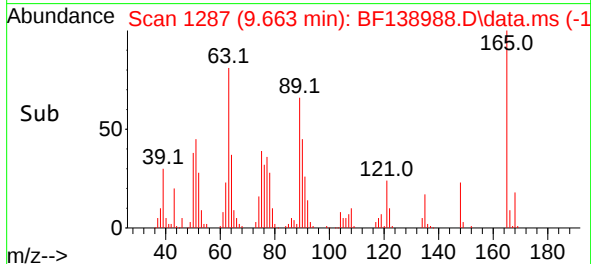
Tgt Ion:165 Resp: 60318
Ion Ratio Lower Upper
165 100
63 81.2 52.0 78.0
89 65.9 47.0 70.6

Manual Integrations

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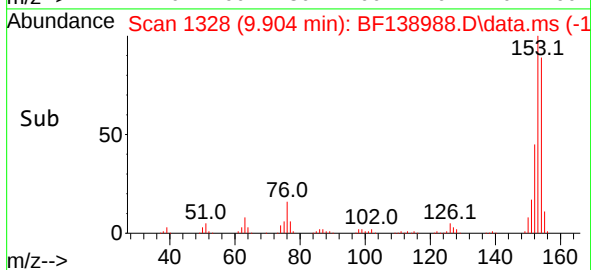
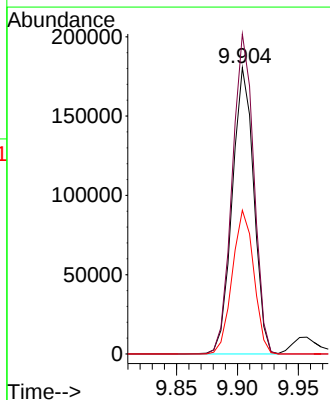
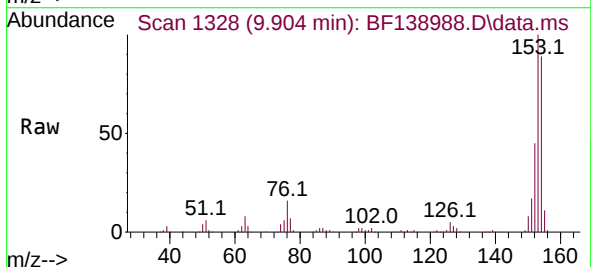
Reviewed By :Yogesh Patel 08/15/2024

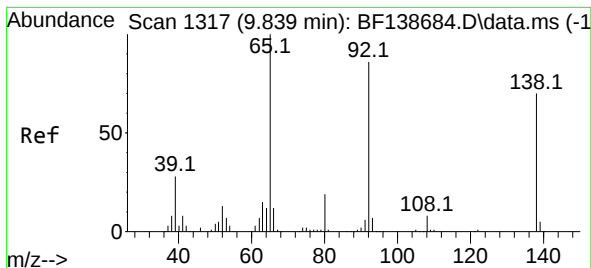
Supervised By :mohammad ahmed 08/16/2024



#52
Acenaphthene
Concen: 39.648 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Tgt Ion:154 Resp: 221840
Ion Ratio Lower Upper
154 100
153 111.8 89.9 134.9
152 50.2 40.6 60.8





#53

3-Nitroaniline

Concen: 38.446 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 5778

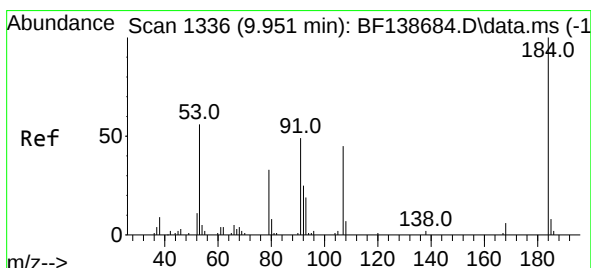
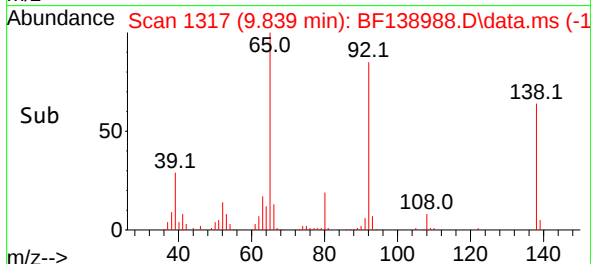
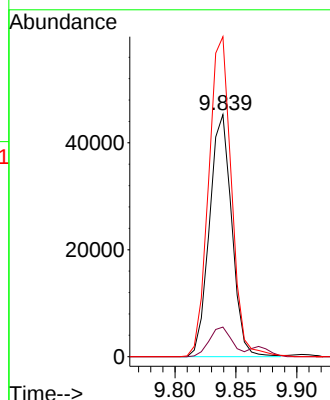
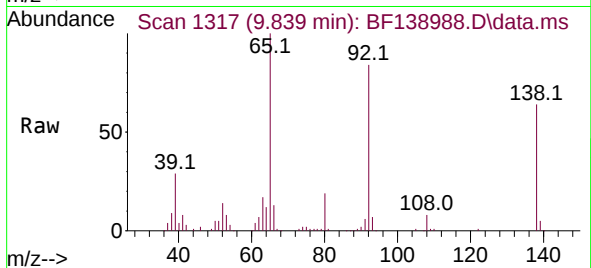
Ion	Ratio	Lower	Upper
138	100		
108	12.2	9.1	13.7
92	132.2	98.7	148.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#54

2,4-Dinitrophenol

Concen: 36.052 ng

RT: 9.957 min Scan# 1337

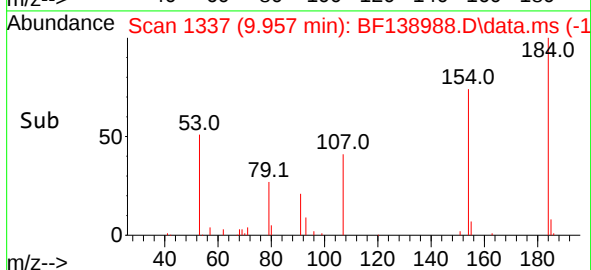
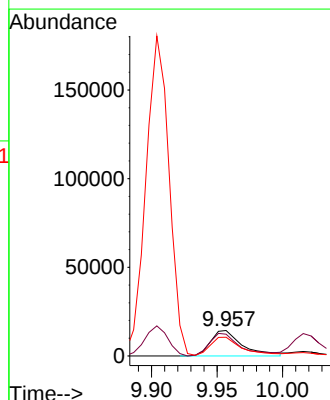
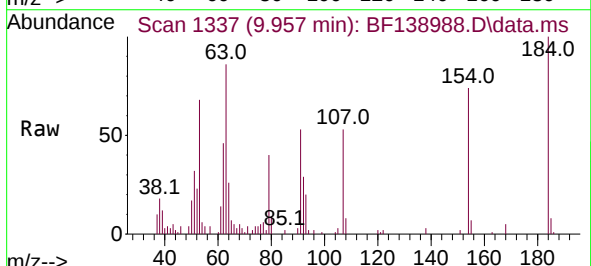
Delta R.T. 0.006 min

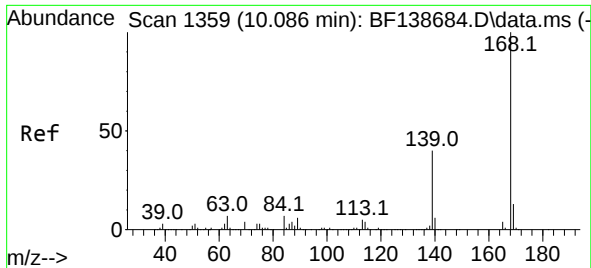
Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Tgt Ion:184 Resp: 24129

Ion	Ratio	Lower	Upper
184	100		
63	85.8	57.5	86.3
154	73.9	51.7	77.5





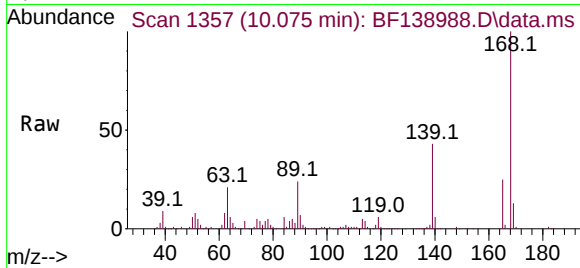
#55
Dibenzofuran
Concen: 40.425 ng
RT: 10.075 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

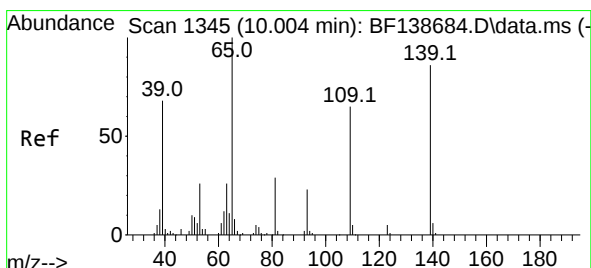
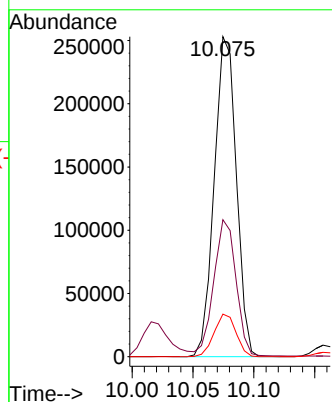
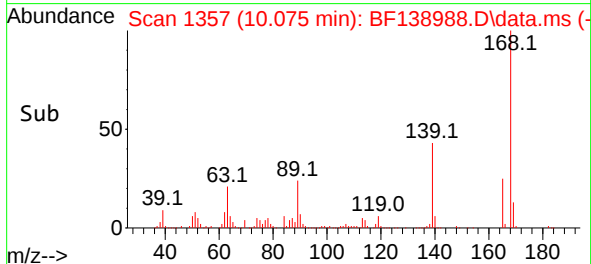


Tgt Ion:168 Resp: 31928
Ion Ratio Lower Upper
168 100
139 42.8 32.6 49.0
169 13.3 10.7 16.1

Manual Integrations

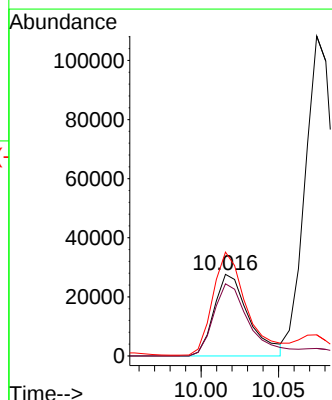
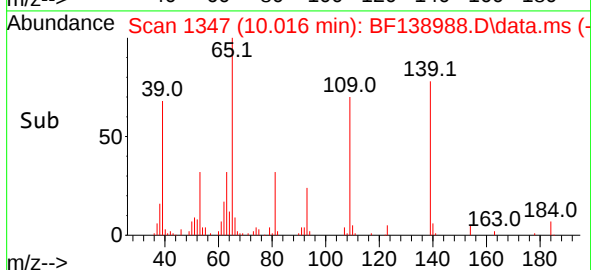
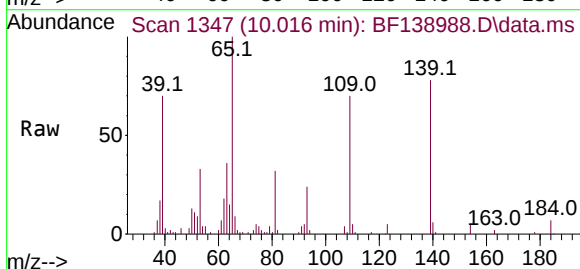
APPROVED

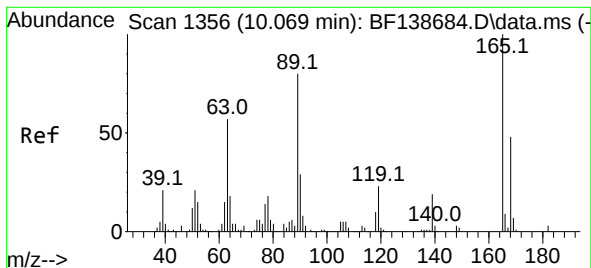
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#56
4-Nitrophenol
Concen: 47.672 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Tgt Ion:139 Resp: 43088
Ion Ratio Lower Upper
139 100
109 88.6 55.5 95.5
65 127.4 96.7 136.7





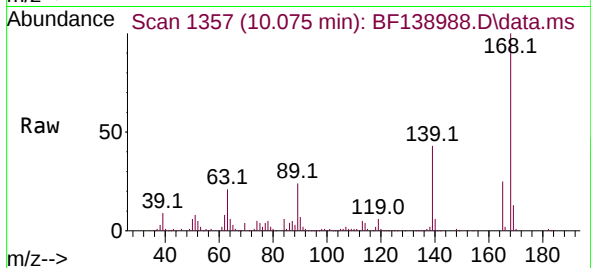
#57
2,4-Dinitrotoluene
Concen: 42.640 ng
RT: 10.075 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



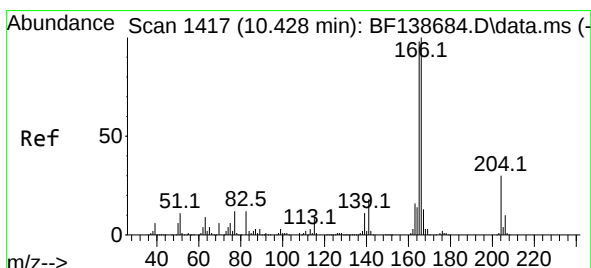
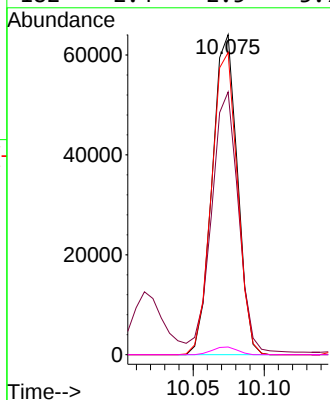
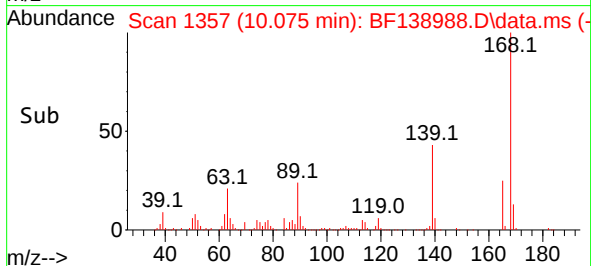
Tgt Ion:165 Resp: 7909
Ion Ratio Lower Upper
165 100
63 82.1 46.3 69.5
89 94.4 64.2 96.4
182 2.4 2.5 3.7#

Manual Integrations

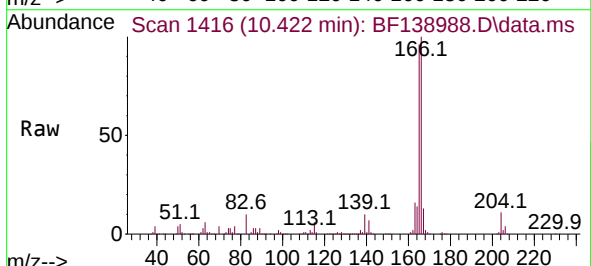
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

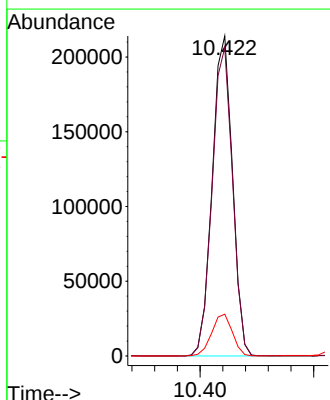
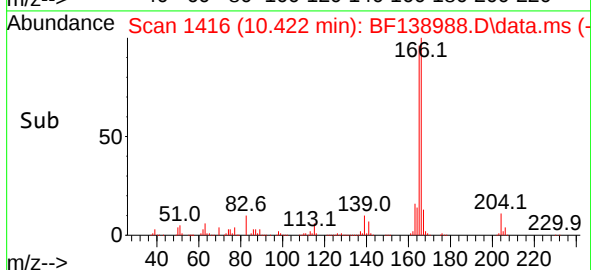
Supervised By :mohammad ahmed 08/16/2024

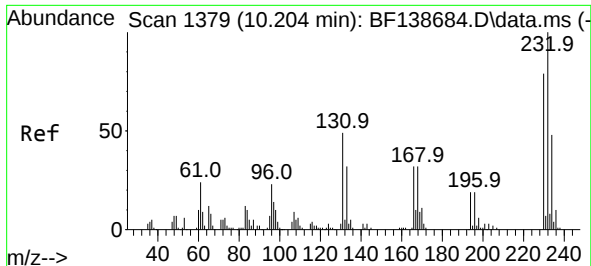


#58
Fluorene
Concen: 42.082 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03



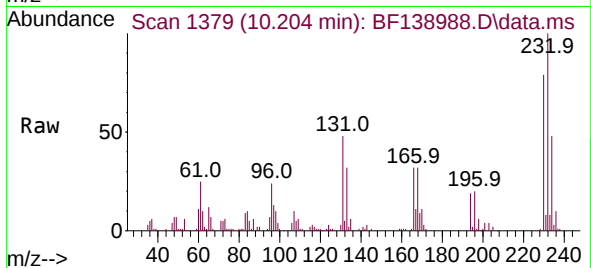
Tgt Ion:166 Resp: 264679
Ion Ratio Lower Upper
166 100
165 96.4 78.4 117.6
167 13.1 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.824 ng
RT: 10.204 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

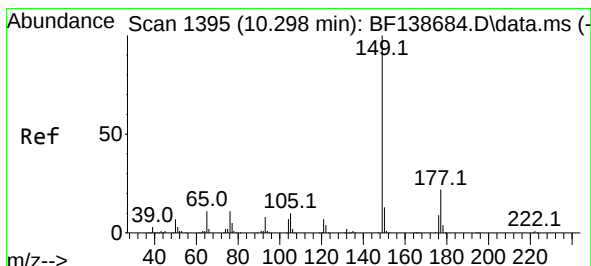
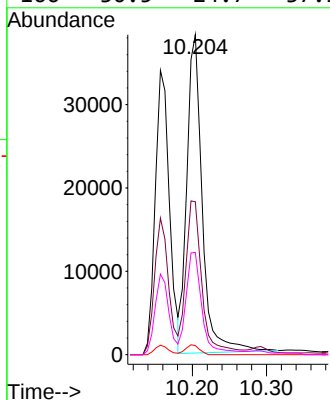
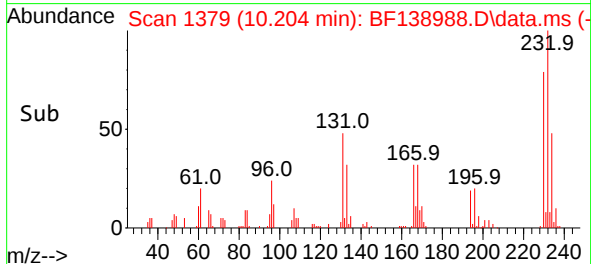
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 5537
Ion Ratio Lower Upper
232 100
131 50.0 37.0 55.4
130 2.8 2.0 3.0
166 30.5 24.7 37.1

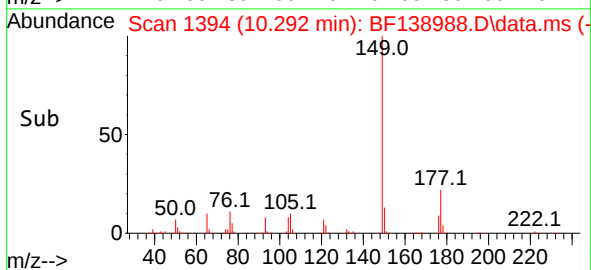
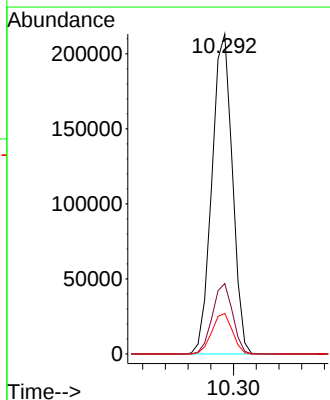
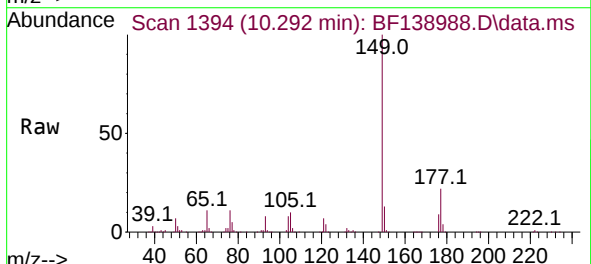
Manual Integrations
APPROVED

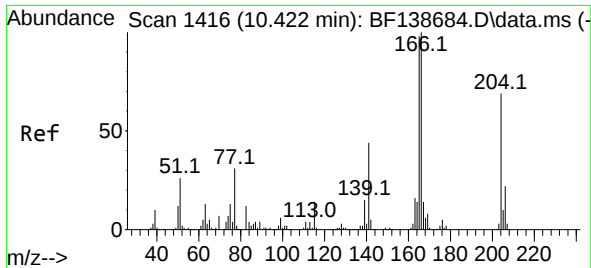
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#60
Diethylphthalate
Concen: 43.665 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Tgt Ion:149 Resp: 266725
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.8
150 12.6 10.1 15.1





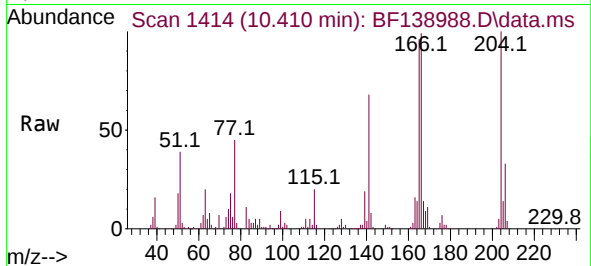
#61
4-Chlorophenyl-phenylether
Concen: 41.474 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



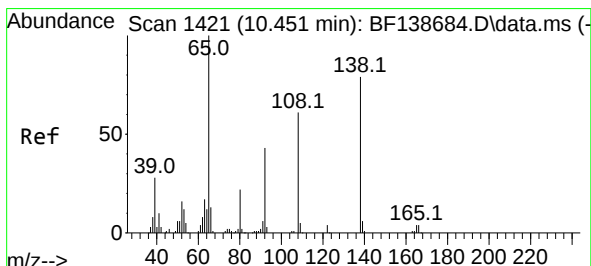
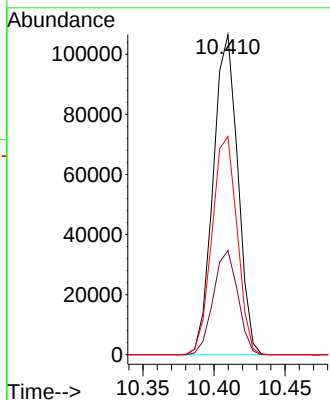
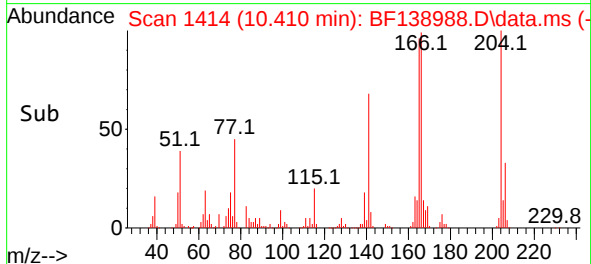
Tgt Ion:204 Resp: 128294
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 68.2 51.4 77.0

Manual Integrations

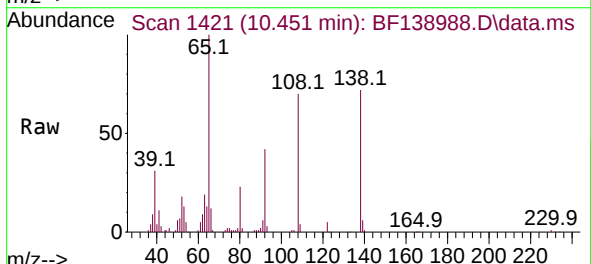
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

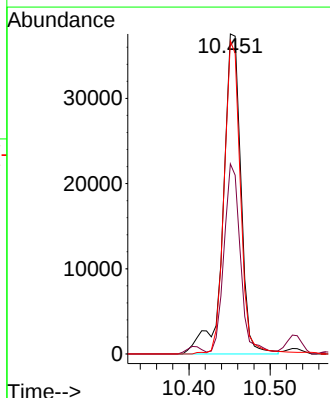
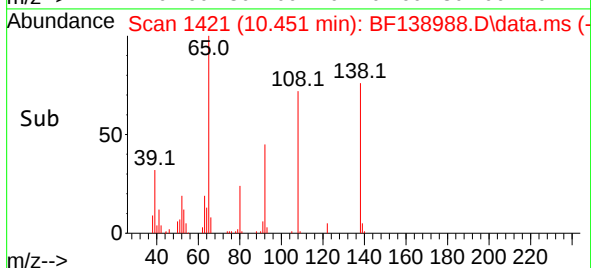
Supervised By :mohammad ahmed 08/16/2024

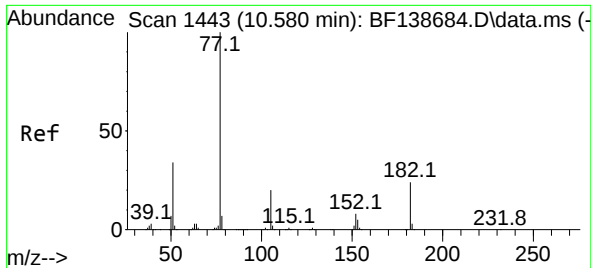


#62
4-Nitroaniline
Concen: 39.940 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03



Tgt Ion:138 Resp: 57048
Ion Ratio Lower Upper
138 100
92 59.4 34.2 74.2
108 97.8 56.2 96.2#





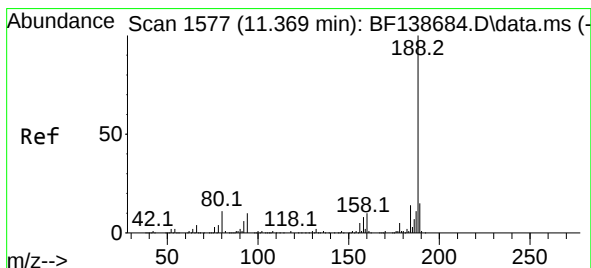
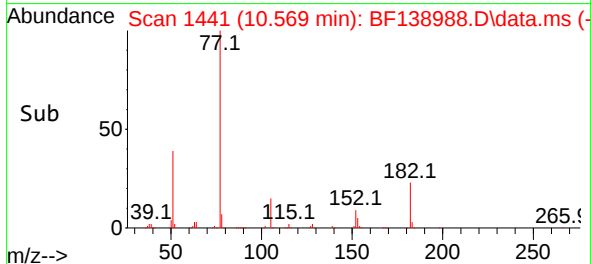
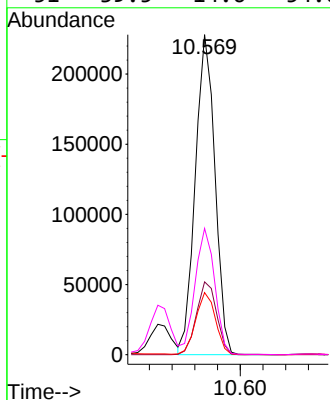
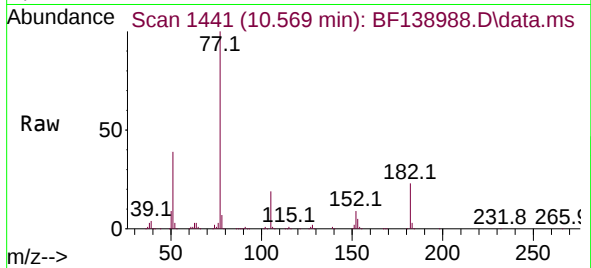
#63
Azobenzene
Concen: 40.516 ng
RT: 10.569 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 274490
Ion Ratio Lower Upper
77 100
182 22.7 3.4 43.4
105 19.4 0.2 40.2
51 39.5 14.6 54.6

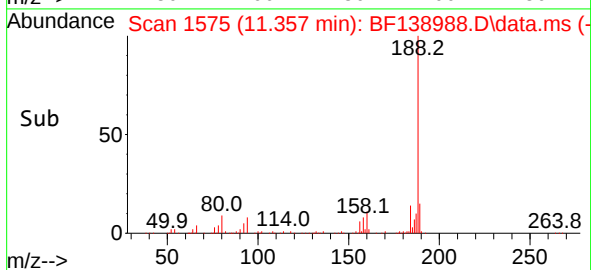
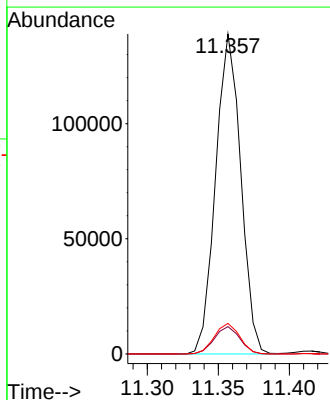
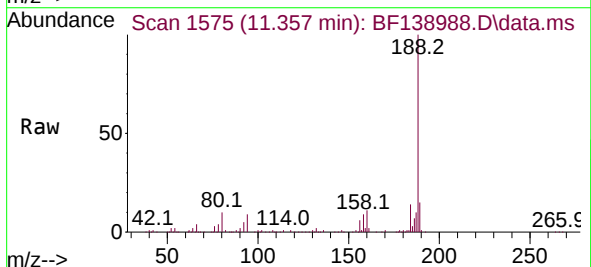
Manual Integrations
APPROVED

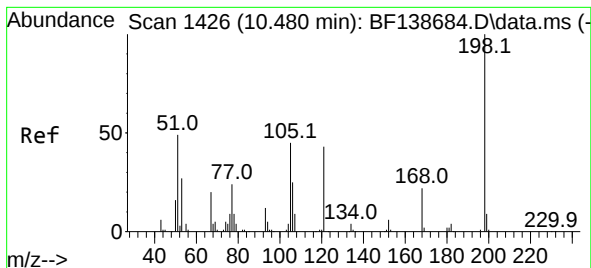
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

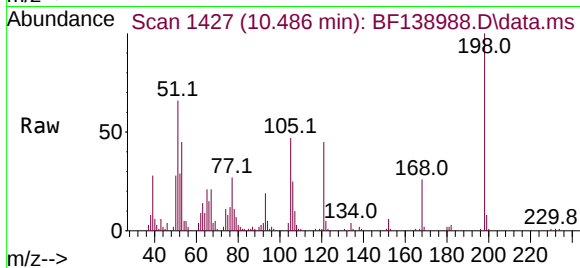
Tgt Ion:188 Resp: 170882
Ion Ratio Lower Upper
188 100
94 8.5 7.6 11.4
80 9.6 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 36.964 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

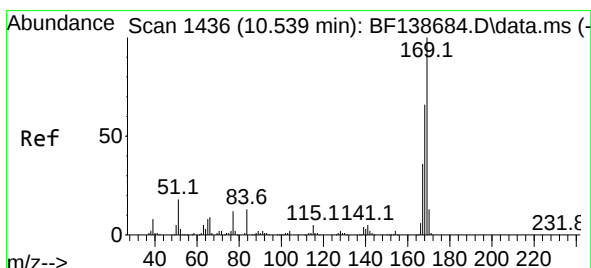
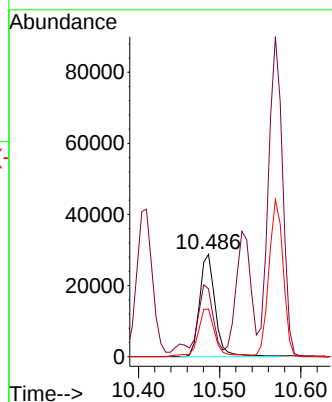
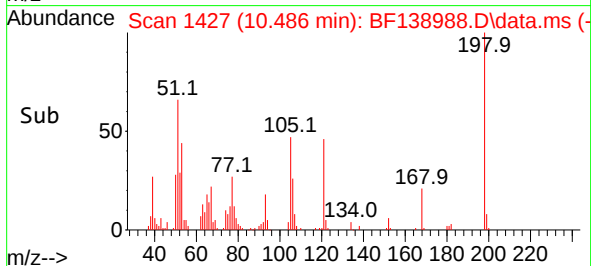
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



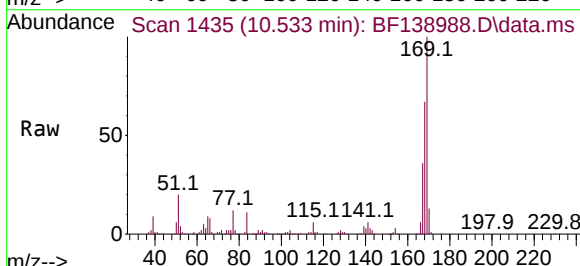
Tgt Ion:198 Resp: 38530
Ion Ratio Lower Upper
198 100
51 66.3 39.9 79.9
105 46.5 26.1 66.1

Manual Integrations
APPROVED

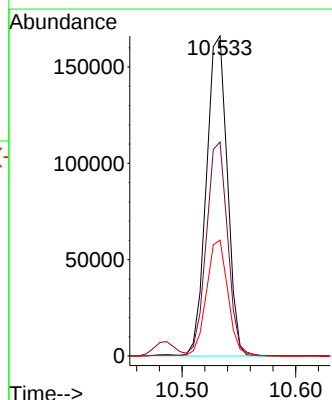
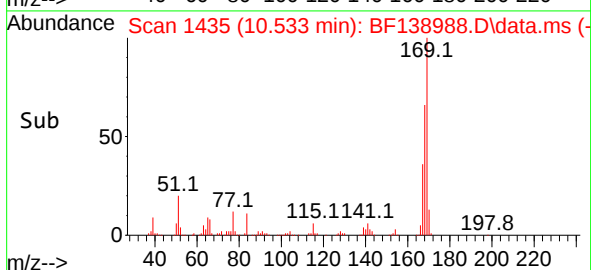
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

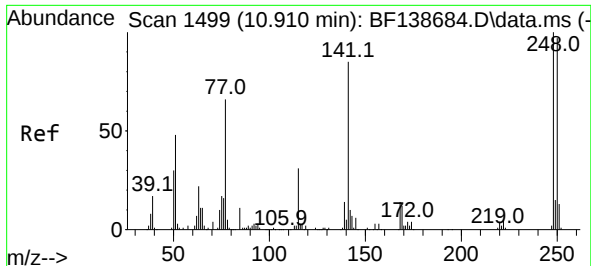


#66
n-Nitrosodiphenylamine
Concen: 39.795 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03



Tgt Ion:169 Resp: 212563
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 36.2 29.0 43.6





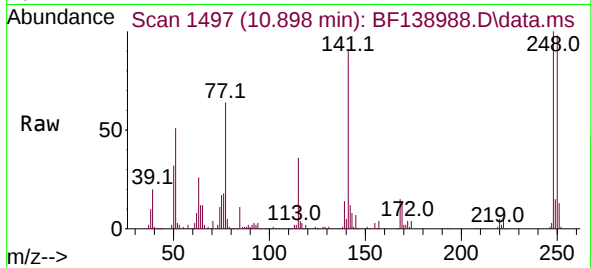
#67
4-Bromophenyl-phenylether
Concen: 39.102 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

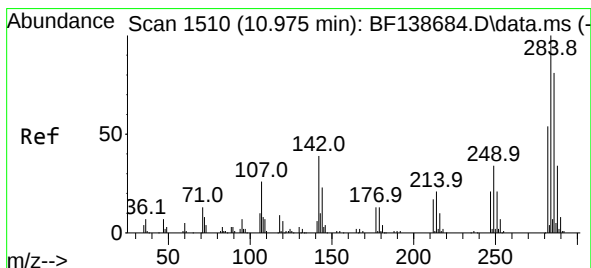
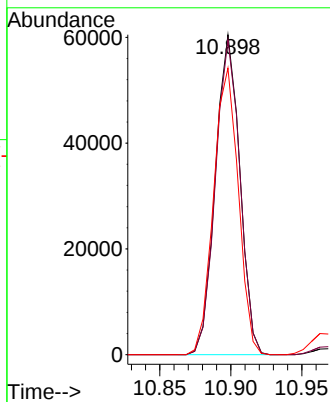
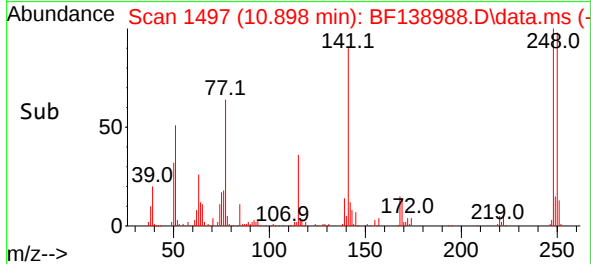


Tgt Ion:248 Resp: 72344
Ion Ratio Lower Upper
248 100
250 98.3 77.7 116.5
141 89.6 68.0 102.0

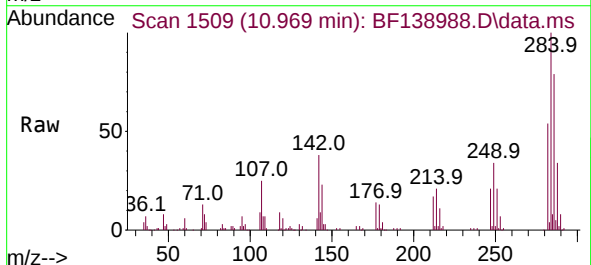
Manual Integrations

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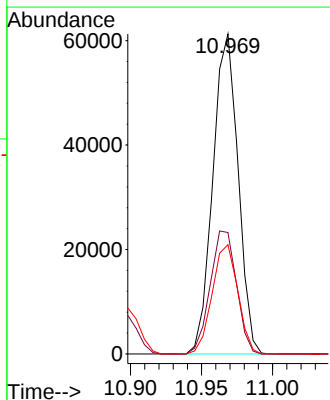
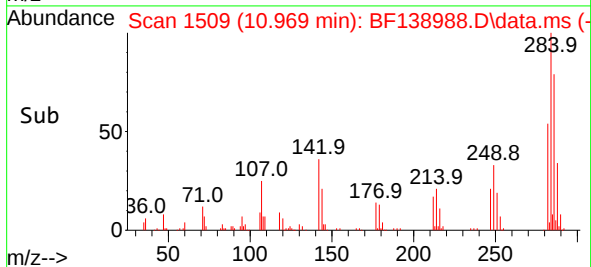
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

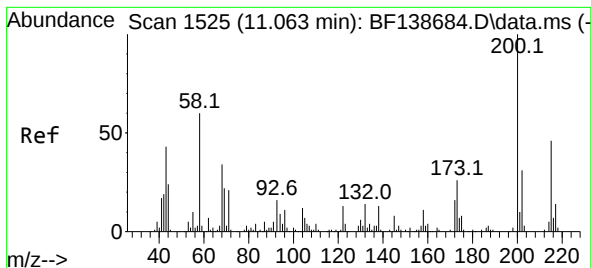


#68
Hexachlorobenzene
Concen: 39.584 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03



Tgt Ion:284 Resp: 75615
Ion Ratio Lower Upper
284 100
142 38.0 31.3 46.9
249 34.2 27.2 40.8





#69

Atrazine

Concen: 37.660 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.006 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

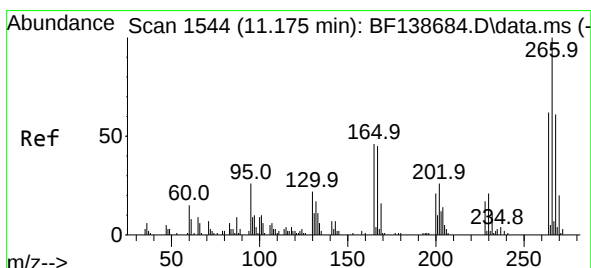
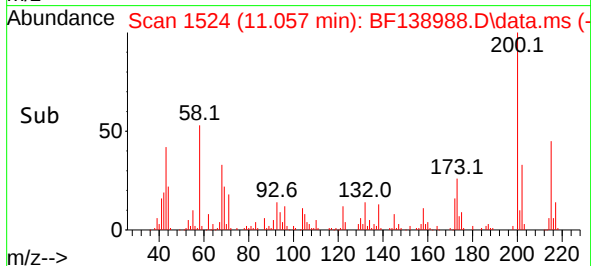
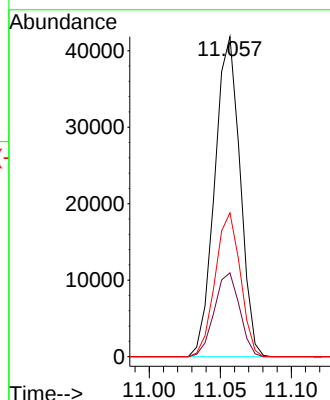
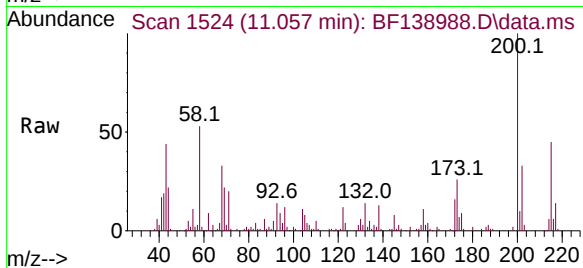
Tgt Ion:200 Resp: 51899
Ion Ratio Lower Upper
200 100
173 26.2 6.0 46.0
215 45.0 26.1 66.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#70

Pentachlorophenol

Concen: 37.365 ng

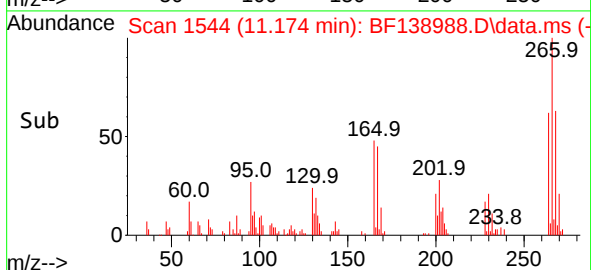
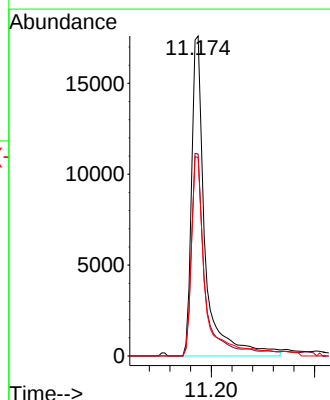
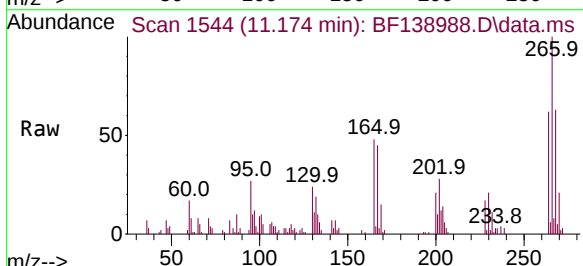
RT: 11.174 min Scan# 1544

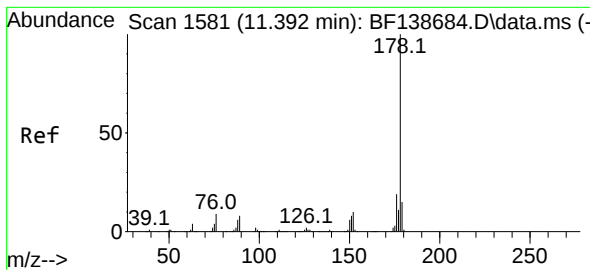
Delta R.T. -0.001 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

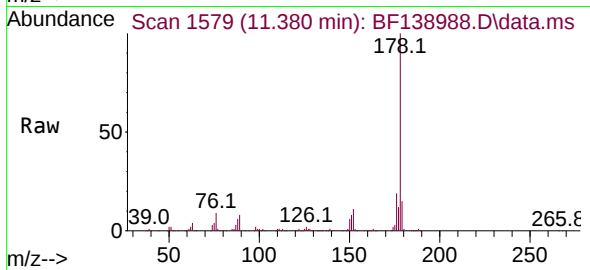
Tgt Ion:266 Resp: 32173
Ion Ratio Lower Upper
266 100
268 63.1 49.2 73.8
264 62.1 49.8 74.6





#71
Phenanthrene
Concen: 40.041 ng
RT: 11.380 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

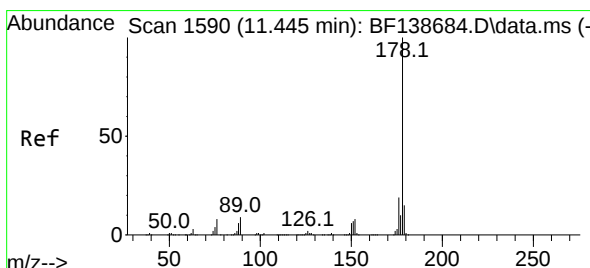
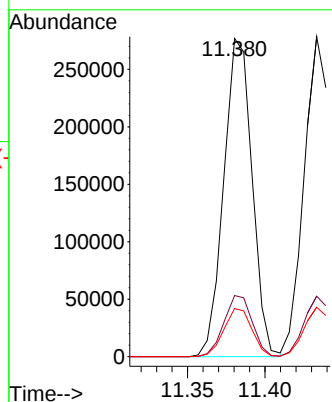
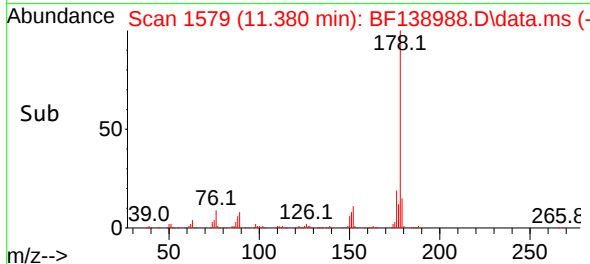
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 35232
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.1 12.2 18.2

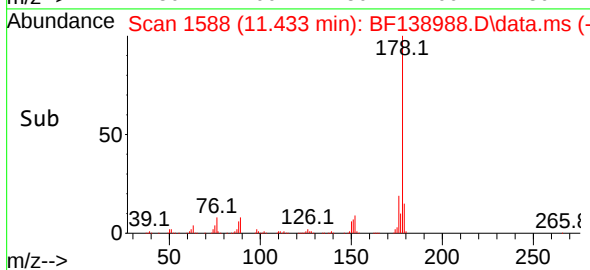
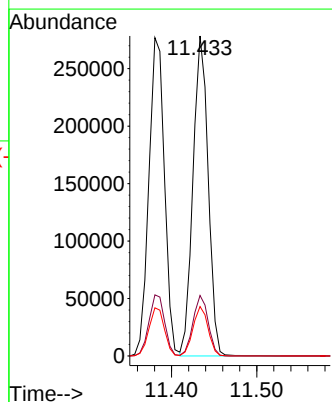
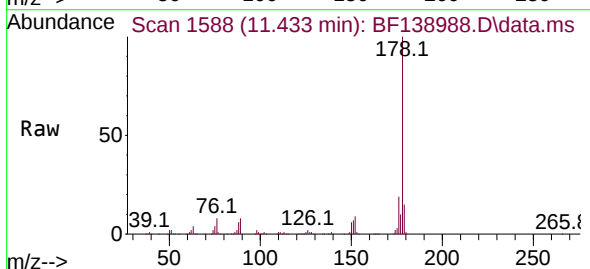
Manual Integrations
APPROVED

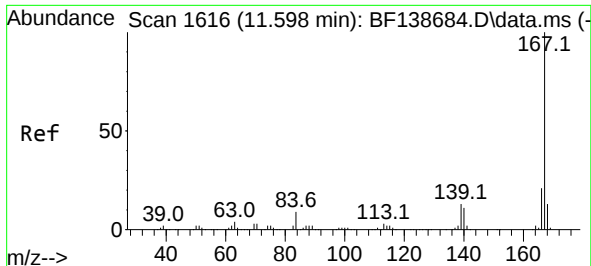
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#72
Anthracene
Concen: 39.749 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Tgt Ion:178 Resp: 344553
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.4 12.4 18.6





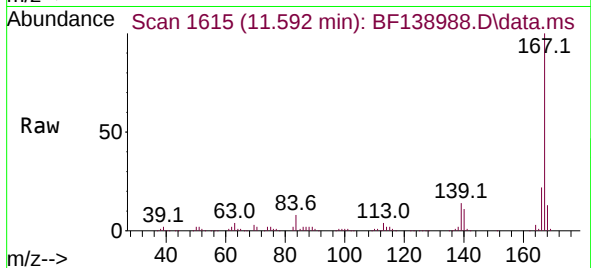
#73
 Carbazole
 Concen: 38.844 ng
 RT: 11.592 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF138988.D
 Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

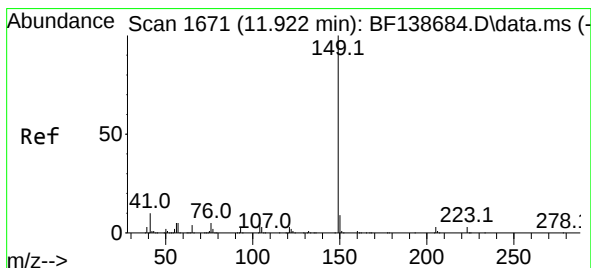
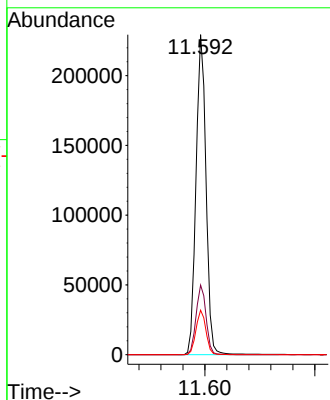
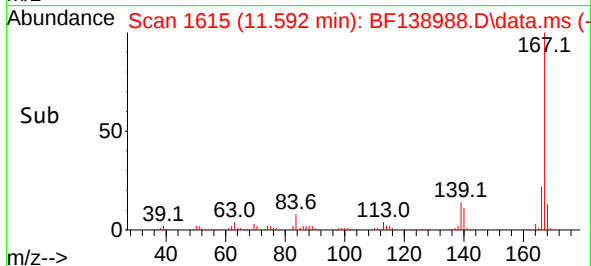


Tgt Ion:167 Resp: 290490
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.9 10.6 16.0

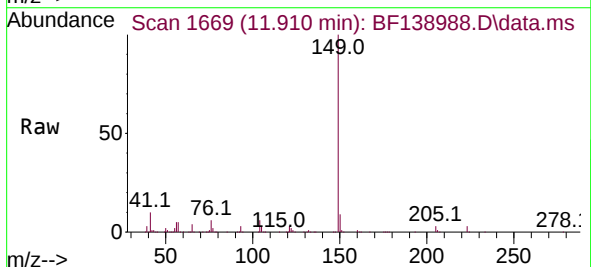
Manual Integrations

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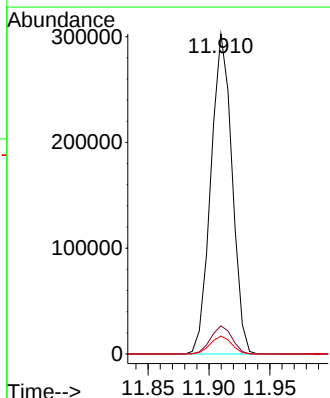
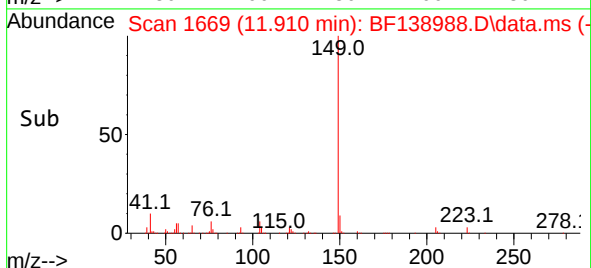
Reviewed By :Yogesh Patel 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024

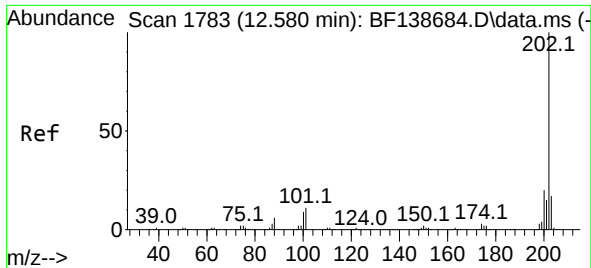


#74
 Di-n-butylphthalate
 Concen: 43.590 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.012 min
 Lab File: BF138988.D
 Acq: 14 Aug 2024 12:03



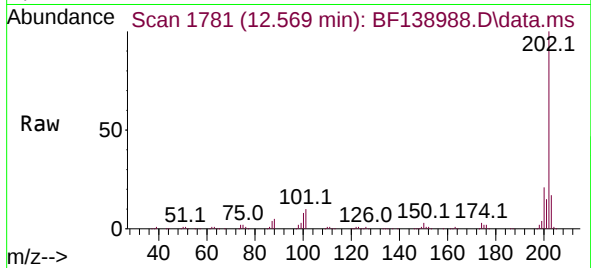
Tgt Ion:149 Resp: 366466
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 5.6 4.1 6.1





#75
Fluoranthene
Concen: 38.894 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

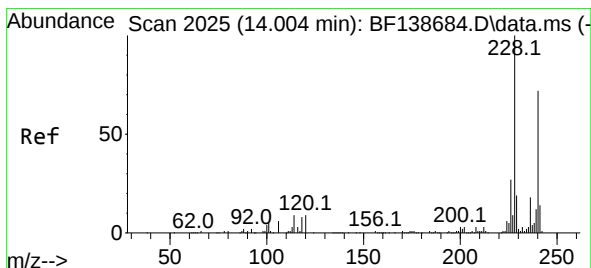
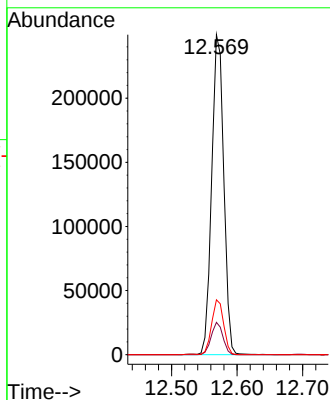
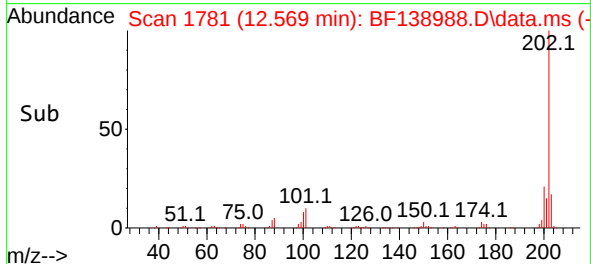
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 319490
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.2
203 17.2 0.0 37.3

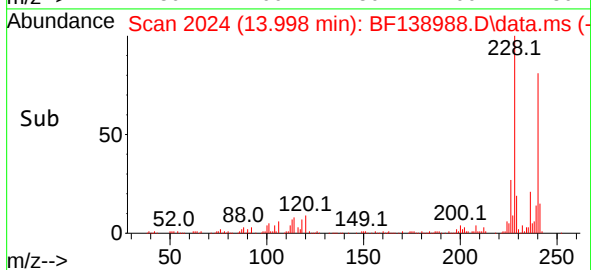
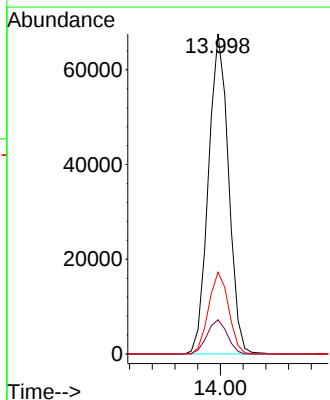
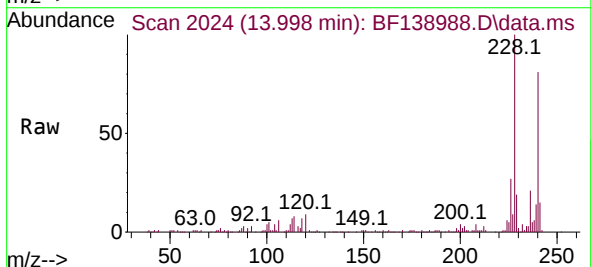
Manual Integrations
APPROVED

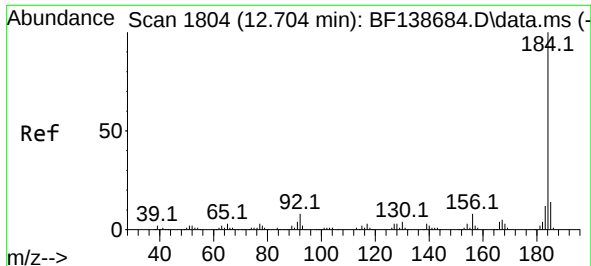
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

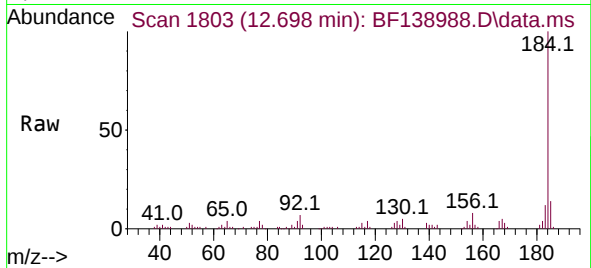
Tgt Ion:240 Resp: 83079
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.4
236 25.6 19.8 29.8





#77
Benzidine
Concen: 35.583 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

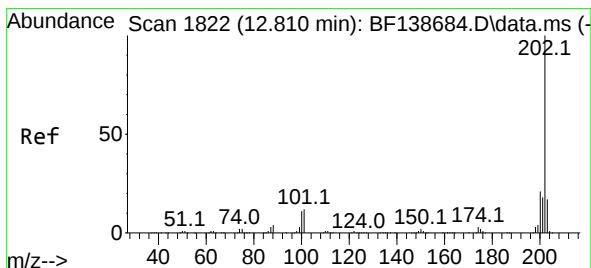
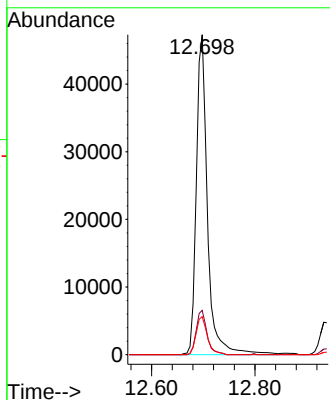
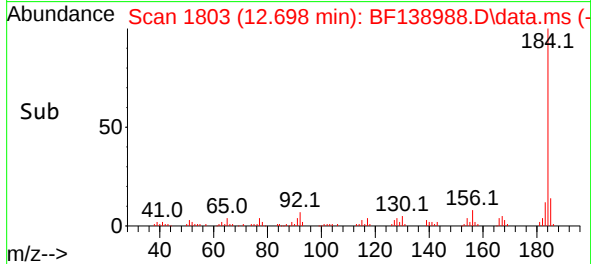
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



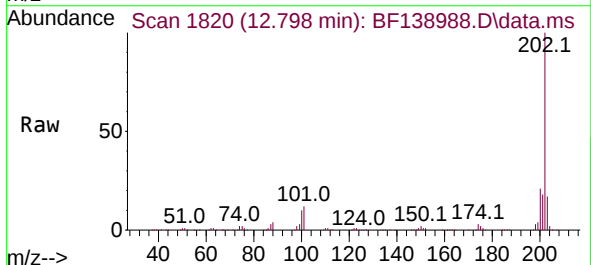
Tgt Ion:184 Resp: 70708
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 11.9 9.6 14.4

Manual Integrations
APPROVED

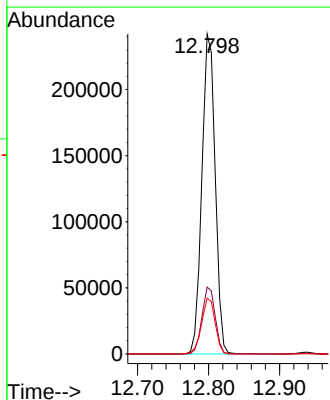
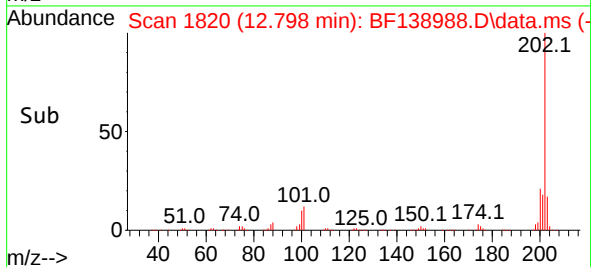
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

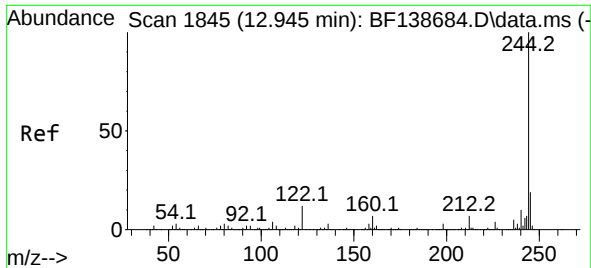


#78
Pyrene
Concen: 40.426 ng
RT: 12.798 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03



Tgt Ion:202 Resp: 316221
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.4 13.8 20.6





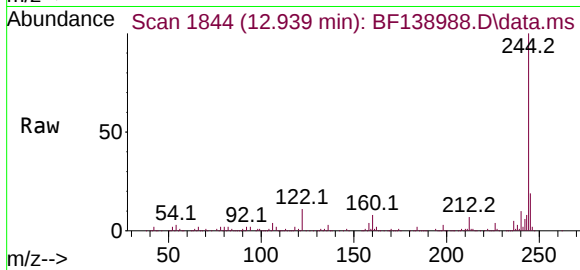
#79
 Terphenyl-d14
 Concen: 82.278 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138988.D
 Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



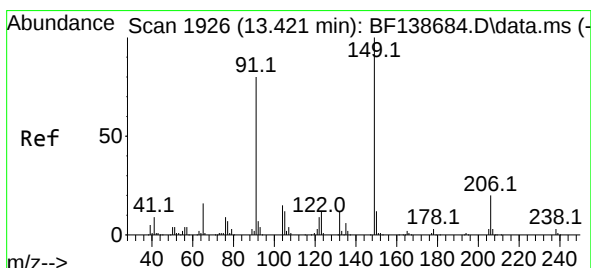
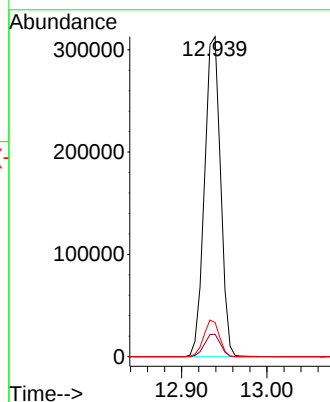
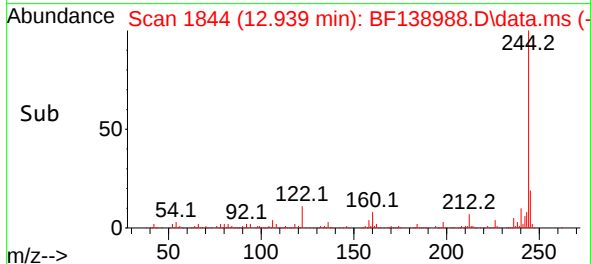
Tgt Ion:244 Resp: 40827
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.7 9.6 14.4

Manual Integrations

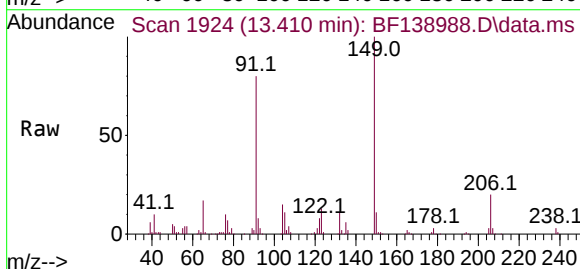
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

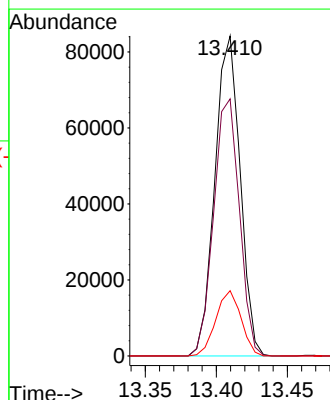
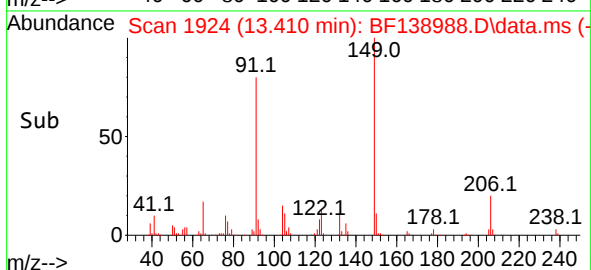
Supervised By :mohammad ahmed 08/16/2024

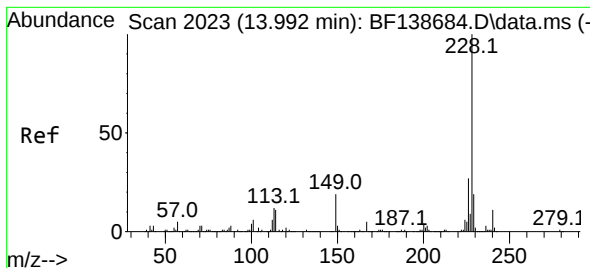


#80
 Butylbenzylphthalate
 Concen: 41.563 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138988.D
 Acq: 14 Aug 2024 12:03



Tgt Ion:149 Resp: 104111
 Ion Ratio Lower Upper
 149 100
 91 80.4 63.7 95.5
 206 20.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 38.218 ng

RT: 13.986 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138988.D

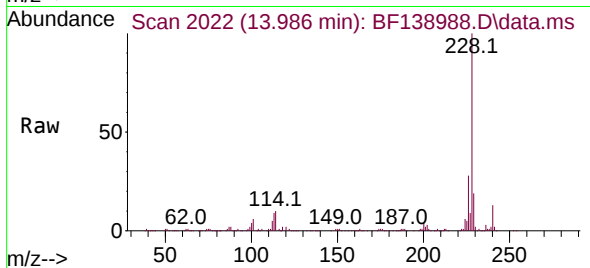
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 21864

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

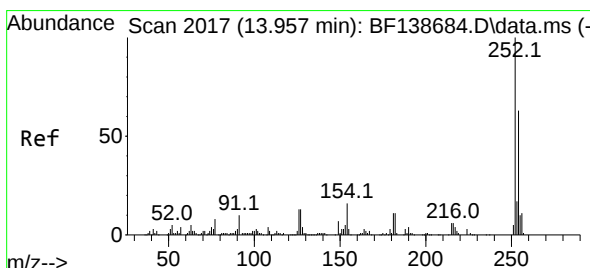
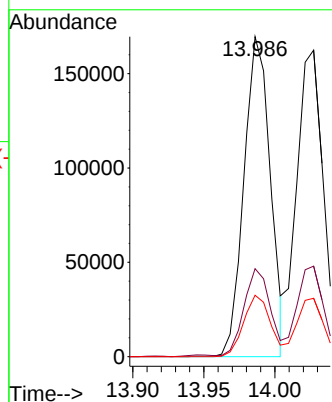
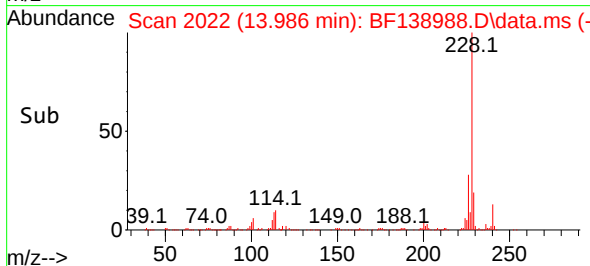
229 19.2 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#82

3,3'-Dichlorobenzidine

Concen: 41.184 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

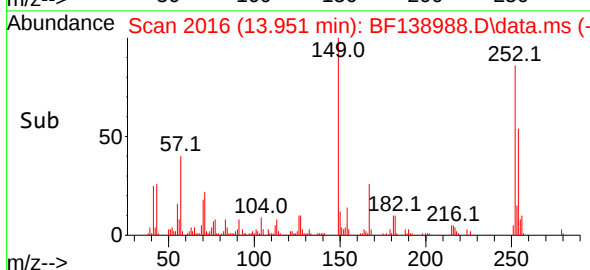
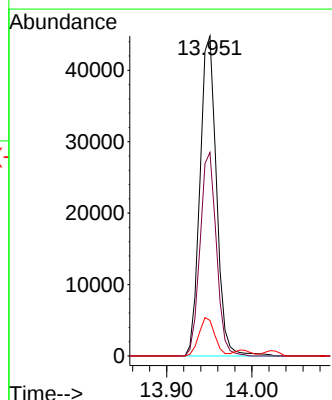
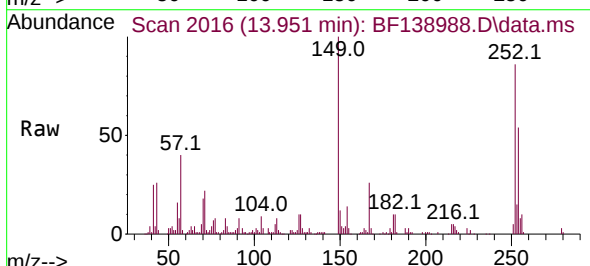
Tgt Ion:252 Resp: 60294

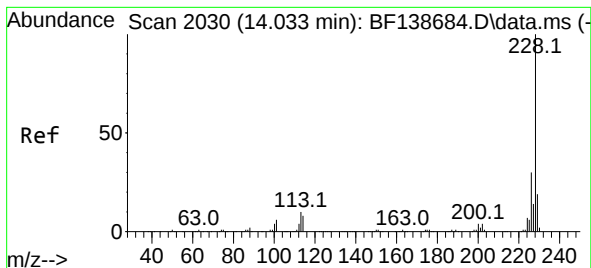
Ion Ratio Lower Upper

252 100

254 63.6 50.8 76.2

126 11.1 10.2 15.2





#83

Chrysene

Concen: 41.069 ng

RT: 14.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 211974

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

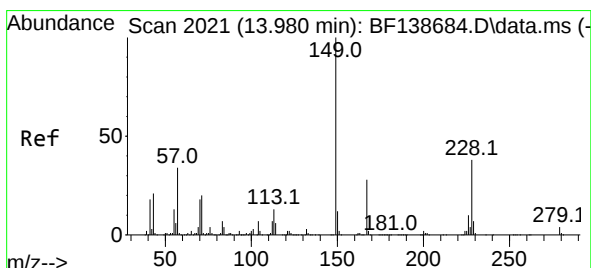
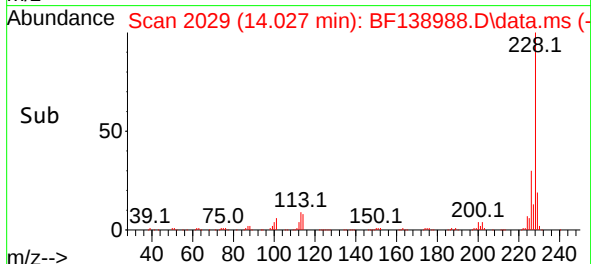
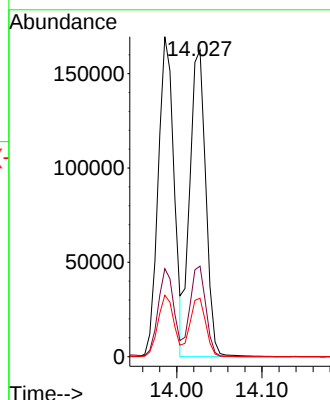
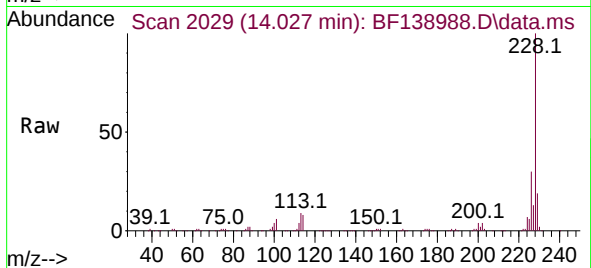
229 19.1 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.776 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

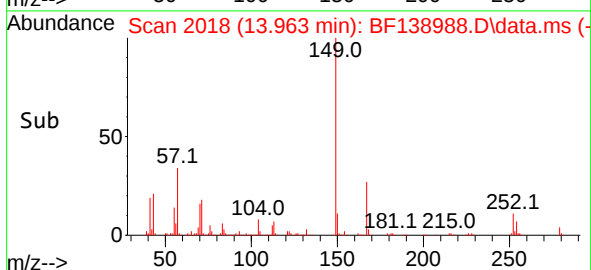
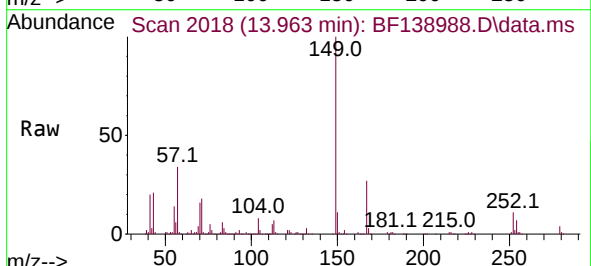
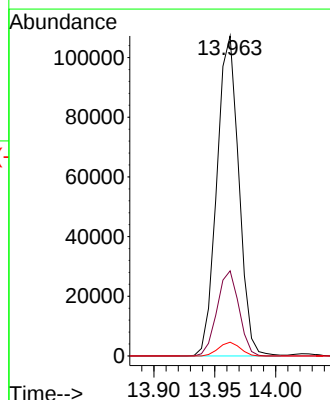
Tgt Ion:149 Resp: 134893

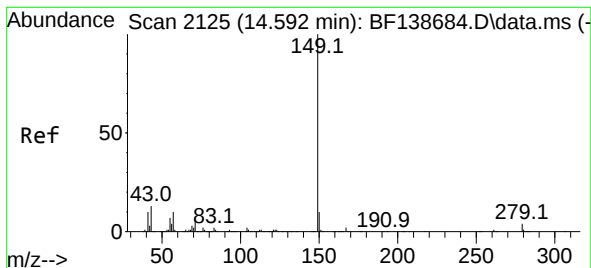
Ion Ratio Lower Upper

149 100

167 26.6 22.2 33.4

279 4.3 3.4 5.0





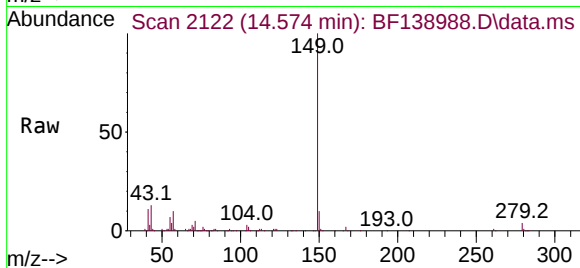
#85
Di-n-octyl phthalate
Concen: 33.003 ng
RT: 14.574 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



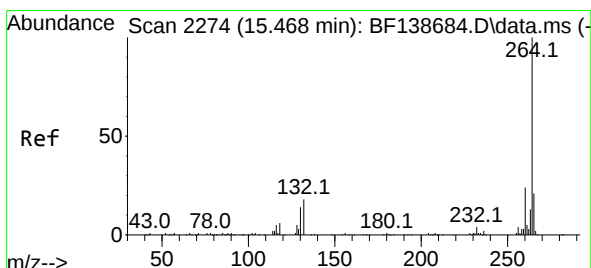
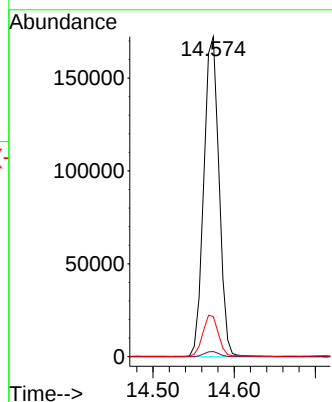
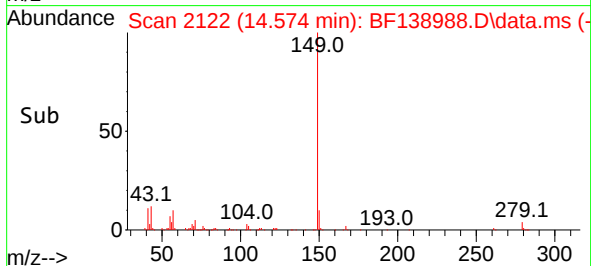
Tgt Ion:149 Resp: 223969
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 13.2 10.4 15.6

Manual Integrations

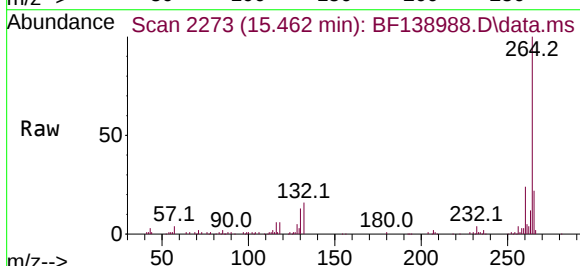
APPROVED

Reviewed By :Yogesh Patel 08/15/2024

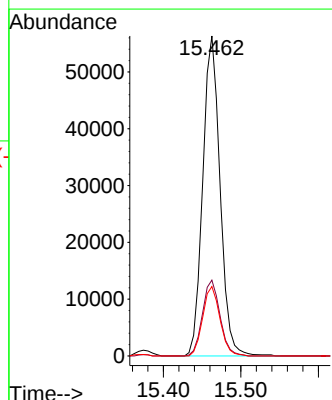
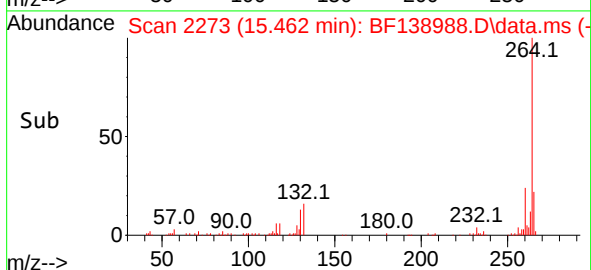
Supervised By :mohammad ahmed 08/16/2024

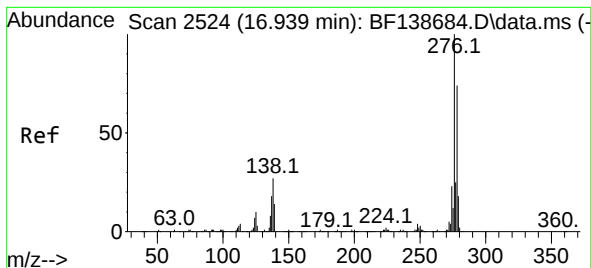


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03



Tgt Ion:264 Resp: 87305
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.769 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

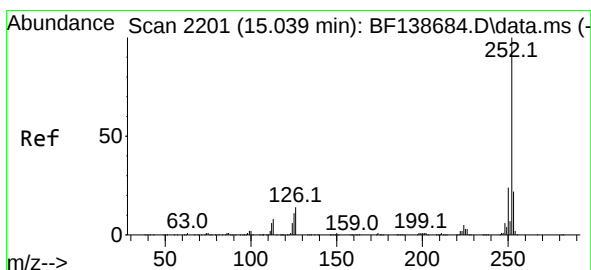
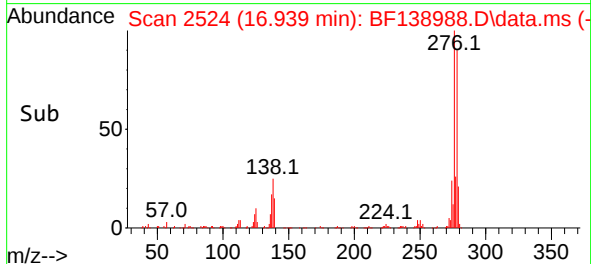
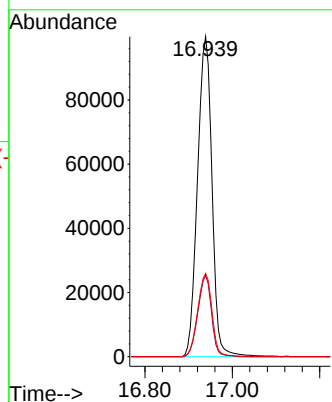
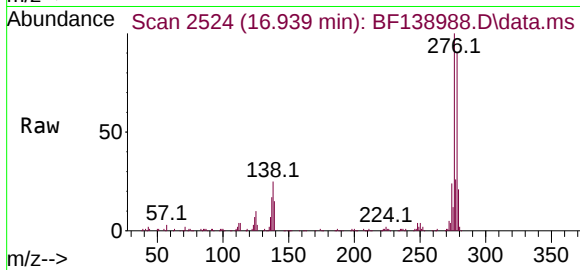
Tgt Ion:276 Resp: 230050
 Ion Ratio Lower Upper
 276 100
 138 23.8 21.8 32.8
 277 25.7 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#88

Benzo(b)fluoranthene

Concen: 41.706 ng

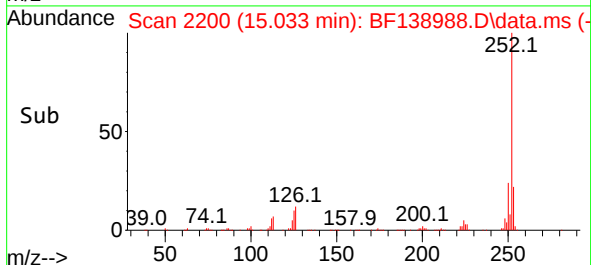
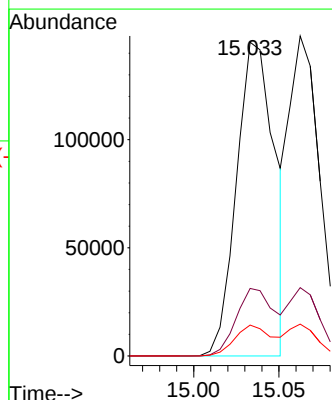
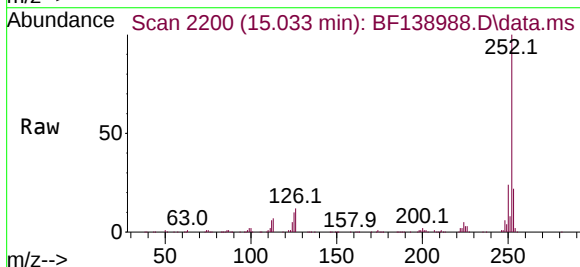
RT: 15.033 min Scan# 2200

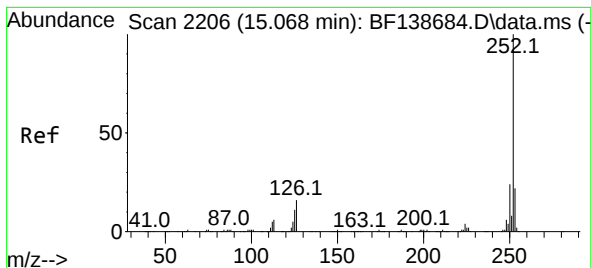
Delta R.T. -0.006 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Tgt Ion:252 Resp: 225713
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.5 26.3
 125 9.8 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 39.808 ng

RT: 15.062 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 18653

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

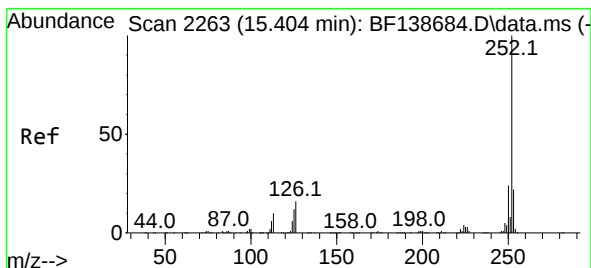
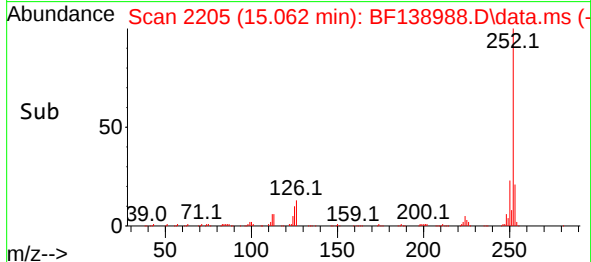
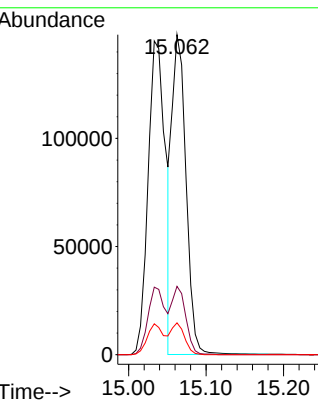
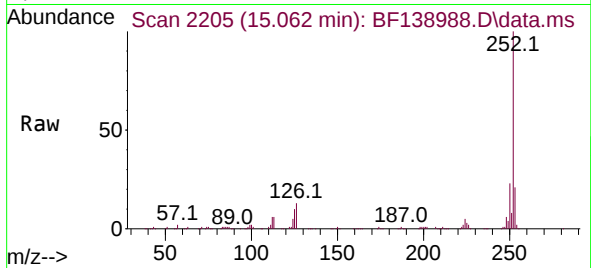
125 10.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#90

Benzo(a)pyrene

Concen: 40.928 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF138988.D

Acq: 14 Aug 2024 12:03

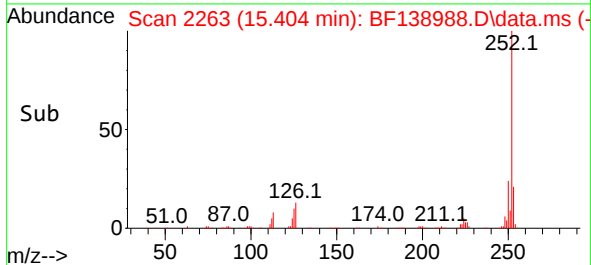
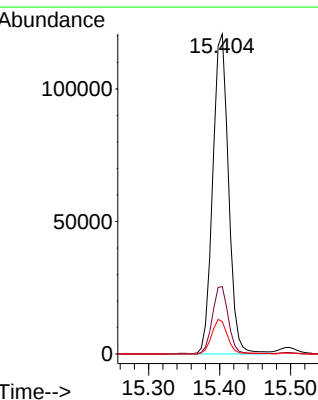
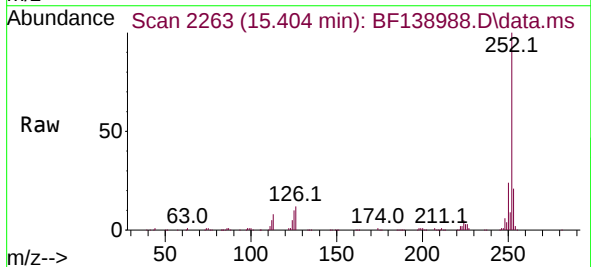
Tgt Ion:252 Resp: 186317

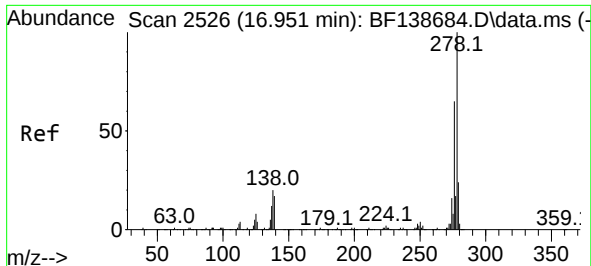
Ion Ratio Lower Upper

252 100

253 21.0 17.3 25.9

125 10.1 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 36.814 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Instrument :

BNA_F

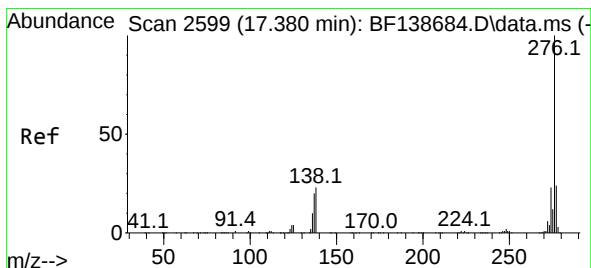
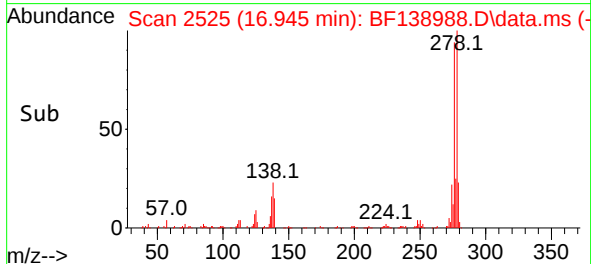
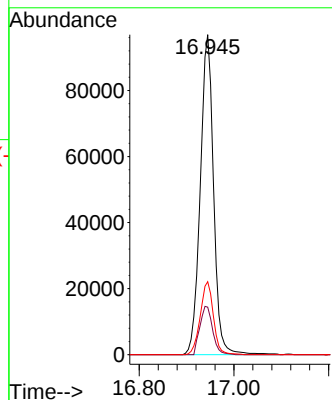
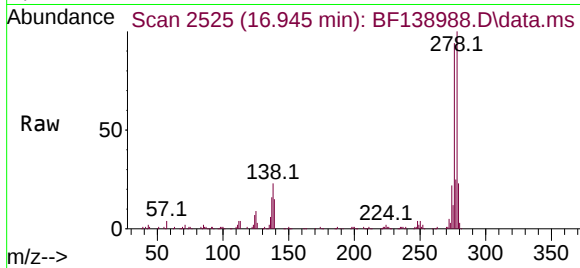
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 18907
Ion Ratio Lower Upper
278 100
139 14.8 14.0 21.0
279 22.8 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#92
Benzo(g,h,i)perylene
Concen: 35.760 ng
RT: 17.380 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BF138988.D
Acq: 14 Aug 2024 12:03

Tgt Ion:276 Resp: 190583
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 19.5 18.5 27.7

