

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
 Data File : BF138677.D
 Acq On : 29 Jul 2024 19:16
 Operator : RC/JU
 Sample : P3362-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024

Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 01:01:20 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 09 16:58:40 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	93096	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	356439	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	156681	20.000	ng	-0.01
64) Phenanthrene-d10	11.381	188	215112	20.000	ng	0.00
76) Chrysene-d12	14.022	240	152780	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	121712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	683161	116.220	ng	0.00
7) Phenol-d6	6.493	99	901727	115.315	ng	-0.01
23) Nitrobenzene-d5	7.416	82	579344	79.802	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	142010	96.979	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	889066	88.685	ng	-0.02
79) Terphenyl-d14	12.963	244	737827	78.676	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	111992	43.018	ng	96
3) Pyridine	3.458	79	286693	44.655	ng	94
4) n-Nitrosodimethylamine	3.410	42	193971	46.411	ng	86
6) Aniline	6.516	93	140025	19.118	ng	# 1
8) 2-Chlorophenol	6.640	128	310604	49.972	ng	99
9) Benzaldehyde	6.398	77	21667	5.177	ng	96
10) Phenol	6.510	94	395595	47.661	ng	98
11) bis(2-Chloroethyl)ether	6.587	93	312540	50.012	ng	98
12) 1,3-Dichlorobenzene	6.793	146	323247	46.267	ng	97
13) 1,4-Dichlorobenzene	6.869	146	324811	45.782	ng	98
14) 1,2-Dichlorobenzene	7.016	146	305859	46.287	ng	97
15) Benzyl Alcohol	6.998	79	288458	49.154	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	549257	44.694	ng	70
17) 2-Methylphenol	7.110	107	242851	47.674	ng	# 93
18) Hexachloroethane	7.357	117	109461	41.968	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	231403	47.891	ng	94
20) 3+4-Methylphenols	7.263	107	305874	47.683	ng	93
22) Acetophenone	7.263	105	392653	45.357	ng	98
24) Nitrobenzene	7.434	77	340889	46.206	ng	97
25) Isophorone	7.675	82	613741	49.228	ng	99
26) 2-Nitrophenol	7.751	139	147823	46.749	ng	98
27) 2,4-Dimethylphenol	7.787	122	202913	52.212	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	377183	50.622	ng	98
29) 2,4-Dichlorophenol	7.998	162	230142	45.602	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	255894	43.526	ng	99
31) Naphthalene	8.157	128	854270	46.083	ng	100
32) Benzoic acid	7.922	122	114809m	30.974	ng	
33) 4-Chloroaniline	8.204	127	72592	11.161	ng	98
34) Hexachlorobutadiene	8.263	225	149528	41.303	ng	98
35) Caprolactam	8.587	113	64252m	39.454	ng	
36) 4-Chloro-3-methylphenol	8.704	107	245574	43.465	ng	100
37) 2-Methylnaphthalene	8.845	142	521256	43.695	ng	99
38) 1-Methylnaphthalene	8.945	142	474057	40.717	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	210573	48.221	ng	100
41) Hexachlorocyclopentadiene	8.998	237	40676	28.698	ng	99
43) 2,4,6-Trichlorophenol	9.134	196	133827	48.044	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
 Data File : BF138677.D
 Acq On : 29 Jul 2024 19:16
 Operator : RC/JU
 Sample : P3362-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11978MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 01:01:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	135221	44.136	ng	94
46) 1,1'-Biphenyl	9.316	154	582132	49.026	ng	99
47) 2-Chloronaphthalene	9.339	162	439855	49.035	ng	99
48) 2-Nitroaniline	9.439	65	155282	49.954	ng	98
49) Acenaphthylene	9.757	152	664266	52.158	ng	100
50) Dimethylphthalate	9.616	163	543127	53.609	ng	99
51) 2,6-Dinitrotoluene	9.681	165	106978	45.860	ng	93
52) Acenaphthene	9.928	154	410270	48.463	ng	99
53) 3-Nitroaniline	9.851	138	70845	29.632	ng	97
54) 2,4-Dinitrophenol	9.963	184	30255	27.424	ng	94
55) Dibenzofuran	10.098	168	574728	46.805	ng	99
56) 4-Nitrophenol	10.022	139	127496	72.272	ng	95
57) 2,4-Dinitrotoluene	10.086	165	124183	41.145	ng	93
58) Fluorene	10.439	166	427120	43.961	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	100633	41.620	ng	97
60) Diethylphthalate	10.316	149	481908	49.341	ng	99
61) 4-Chlorophenyl-phenyle...	10.434	204	208871	42.812	ng	95
62) 4-Nitroaniline	10.463	138	86953	36.294	ng	95
63) Azobenzene	10.592	77	469217	44.684	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	27642	22.255	ng	77
66) n-Nitrosodiphenylamine	10.551	169	359606	55.797	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	115642	52.304	ng	100
68) Hexachlorobenzene	10.986	284	120238	48.953	ng	96
69) Atrazine	11.081	200	100074	46.834	ng	99
70) Pentachlorophenol	11.186	266	127559	87.766	ng	97
71) Phenanthrene	11.404	178	695046	63.956	ng	99
72) Anthracene	11.457	178	603326	55.926	ng	100
73) Carbazole	11.616	167	503107	51.895	ng	99
74) Di-n-butylphthalate	11.939	149	621625	55.627	ng	100
75) Fluoranthene	12.598	202	1053941	95.042	ng	97
77) Benzidine	12.716	184	94639	24.552	ng	99
78) Pyrene	12.827	202	1042211	67.199	ng	99
80) Butylbenzylphthalate	13.439	149	278684	59.733	ng	99
81) Benzo(a)anthracene	14.010	228	720636	70.295	ng	98
82) 3,3'-Dichlorobenzidine	13.974	252	104946	39.729	ng	# 97
83) Chrysene	14.051	228	602887	62.166	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	387833	77.944	ng	99
85) Di-n-octyl phthalate	14.610	149	649912	82.681	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	454411	55.583	ng	99
88) Benzo(b)fluoranthene	15.063	252	520594	75.950	ng	99
89) Benzo(k)fluoranthene	15.092	252	426076m	63.735	ng	
90) Benzo(a)pyrene	15.427	252	386742	64.228	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	340987	50.988	ng	97
92) Benzo(g,h,i)perylene	17.415	276	347895	49.058	ng	95

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



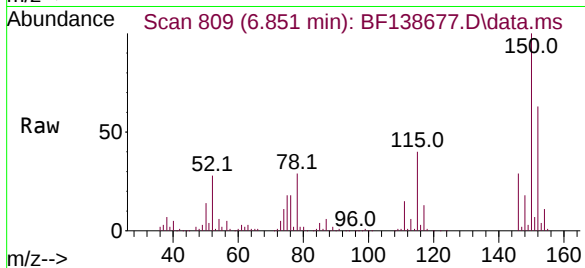
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

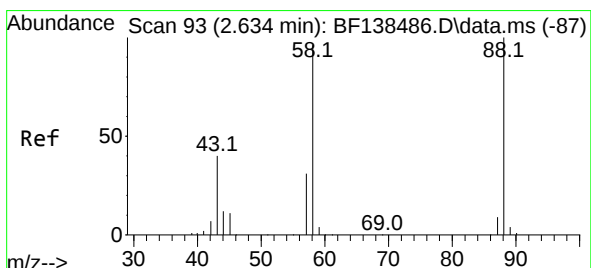
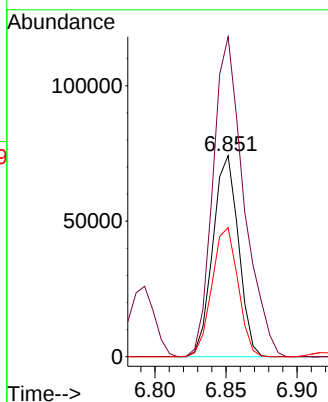
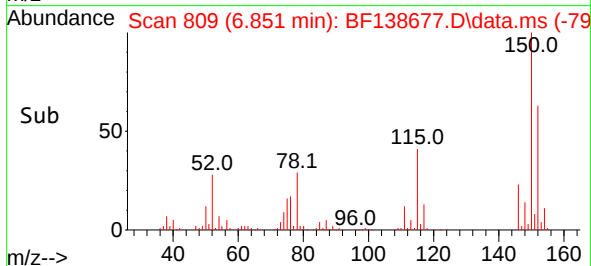


Tgt Ion:152 Resp: 93090
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.4
115 64.2 50.3 75.5

Manual Integrations

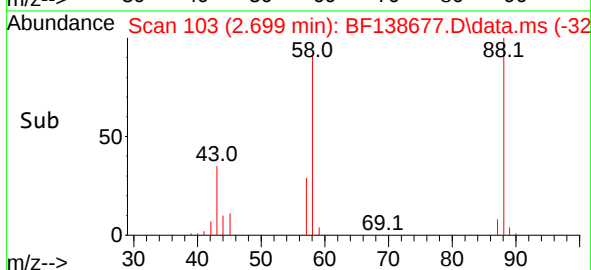
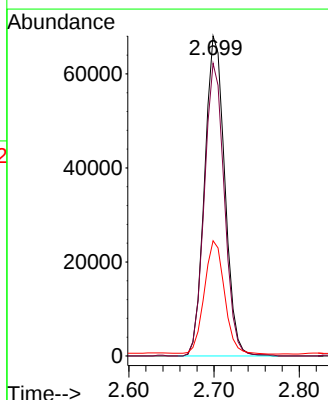
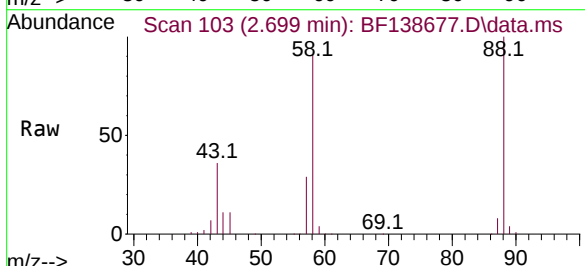
APPROVED

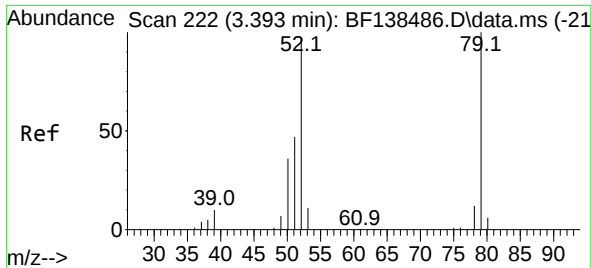
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#2
1,4-Dioxane
Concen: 43.018 ng
RT: 2.699 min Scan# 103
Delta R.T. 0.065 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion: 88 Resp: 111992
Ion Ratio Lower Upper
88 100
58 90.8 74.6 112.0
43 35.6 31.8 47.6





#3

Pyridine

Concen: 44.655 ng

RT: 3.458 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

Tgt Ion: 79 Resp: 28669

Ion Ratio Lower Upper

79 100

52 90.0 77.4 116.2

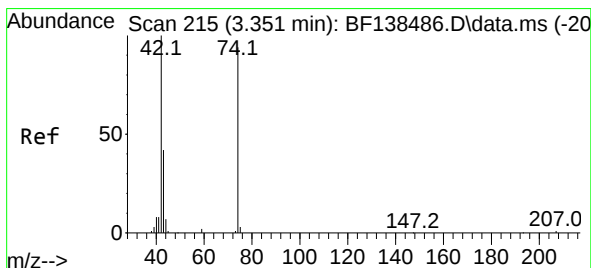
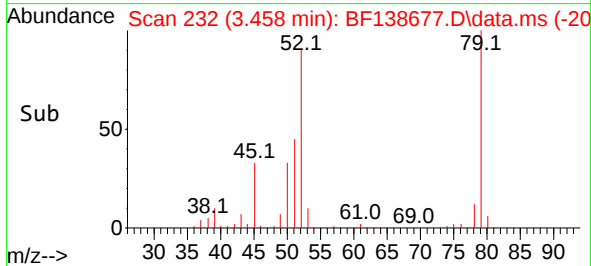
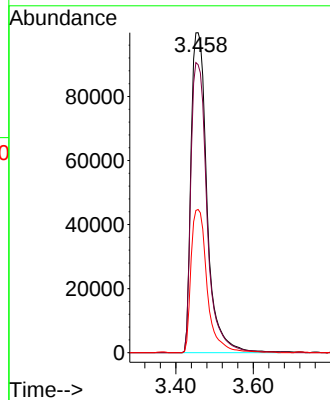
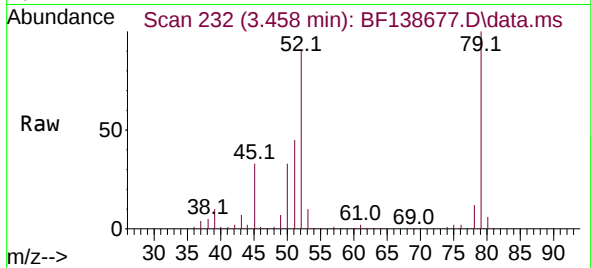
51 44.8 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#4

n-Nitrosodimethylamine

Concen: 46.411 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.059 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

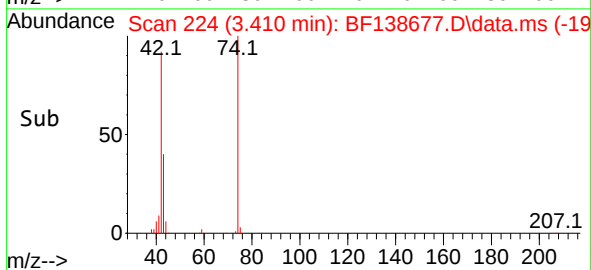
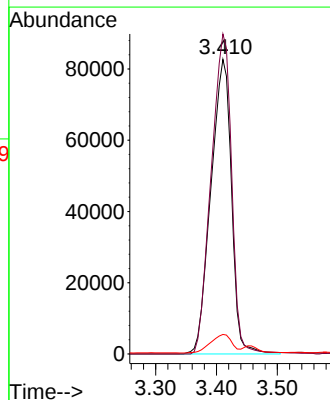
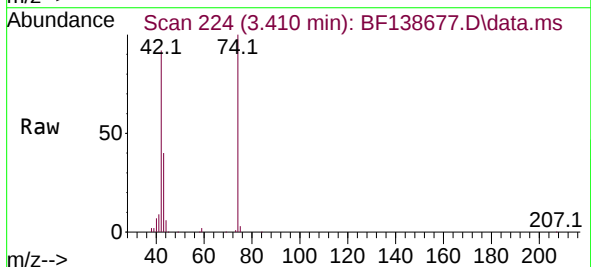
Tgt Ion: 42 Resp: 193971

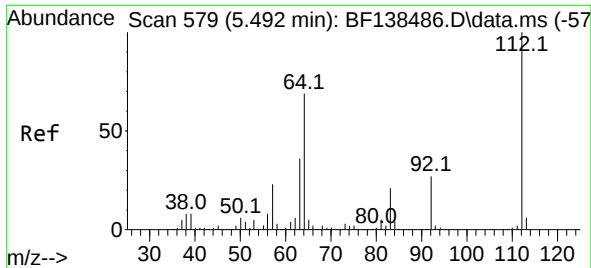
Ion Ratio Lower Upper

42 100

74 108.6 75.0 112.6

44 6.6 5.4 8.2





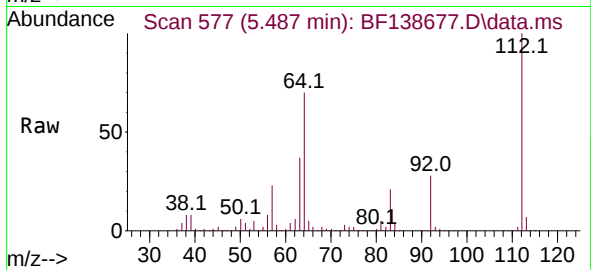
#5
2-Fluorophenol
Concen: 116.220 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

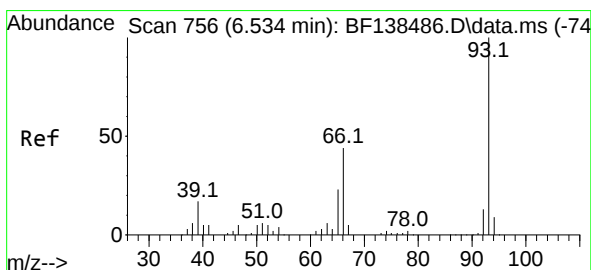
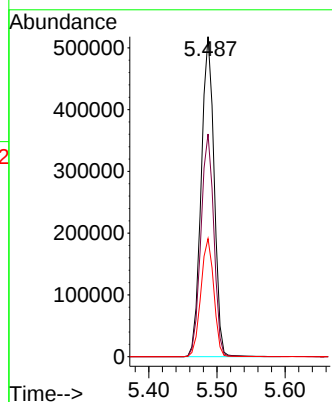
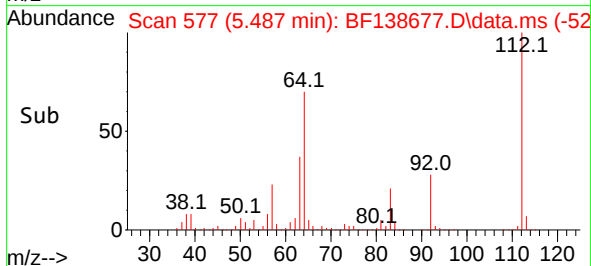


Tgt Ion:112 Resp: 68316
Ion Ratio Lower Upper
112 100
64 69.6 55.1 82.7
63 36.9 29.0 43.6

Manual Integrations

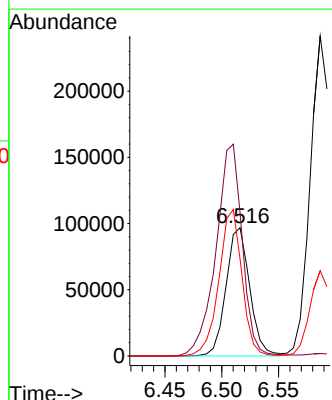
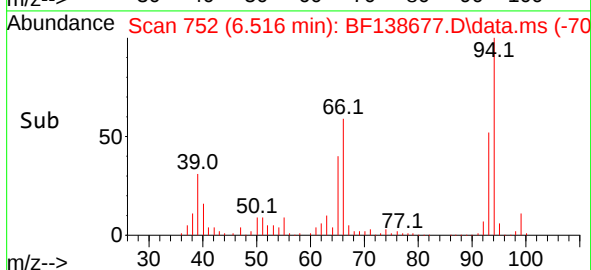
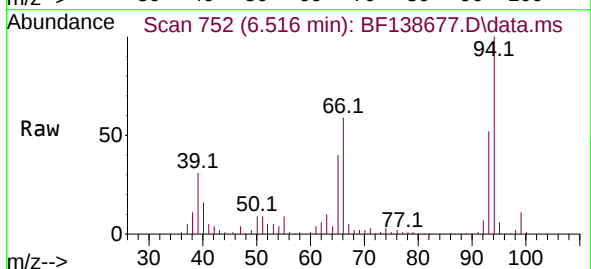
APPROVED

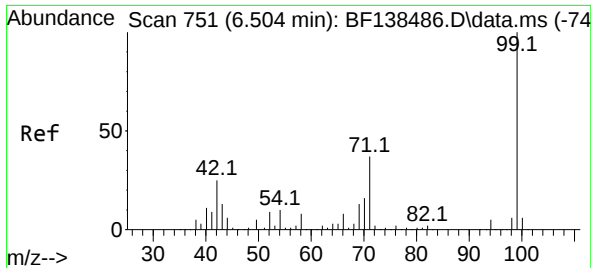
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#6
Aniline
Concen: 19.118 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

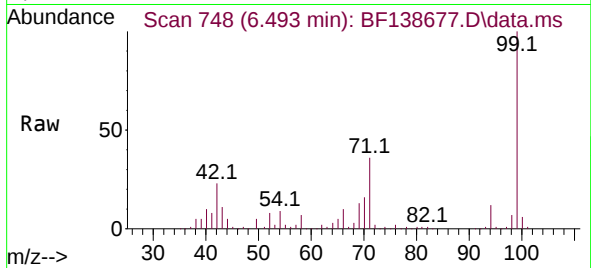
Tgt Ion: 93 Resp: 140025
Ion Ratio Lower Upper
93 100
66 111.7 35.4 53.0#
65 75.7 18.6 27.8#





#7
Phenol-d6
Concen: 115.315 ng
RT: 6.493 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

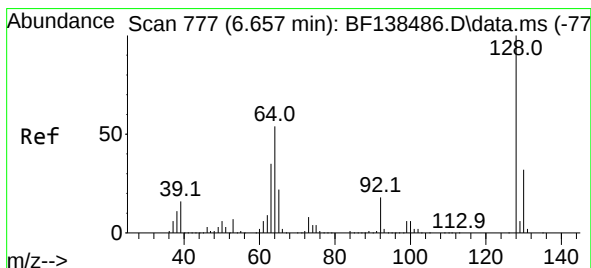
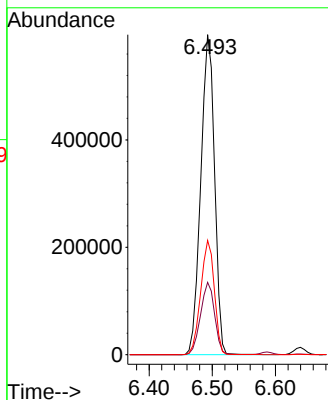
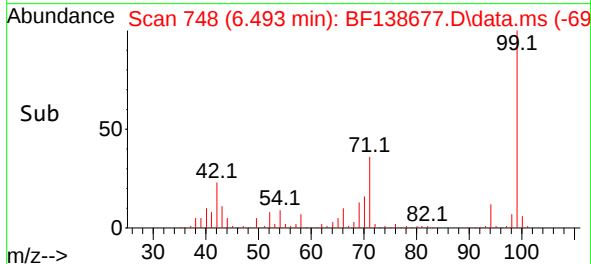
Instrument :
BNA_F
ClientSampleId :
72-11978MSD



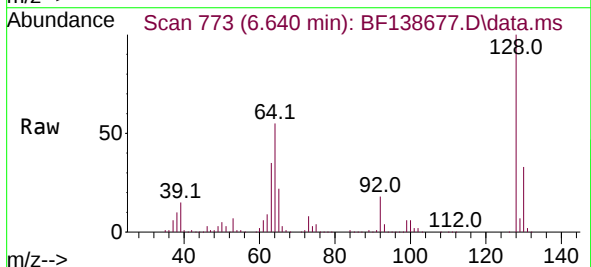
Tgt Ion: 99 Resp: 90172
Ion Ratio Lower Upper
99 100
42 22.6 19.7 29.5
71 35.7 29.9 44.9

Manual Integrations
APPROVED

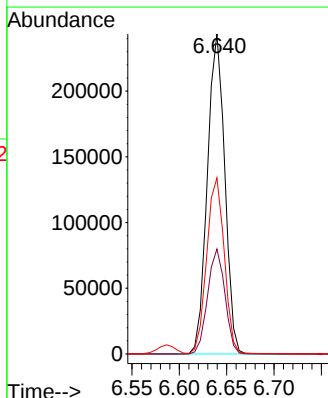
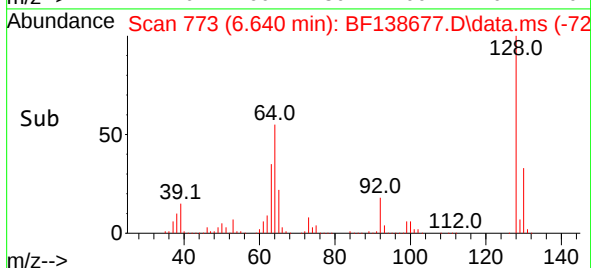
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#8
2-Chlorophenol
Concen: 49.972 ng
RT: 6.640 min Scan# 773
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16



Tgt Ion:128 Resp: 310604
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 55.1 34.4 74.4





#9
Benzaldehyde
Concen: 5.177 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

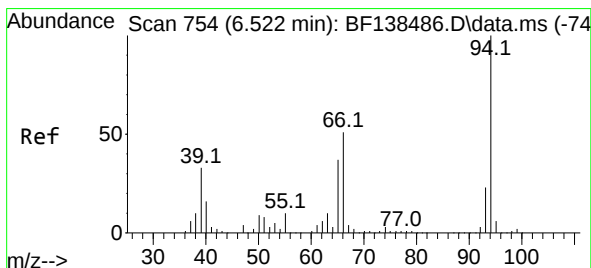
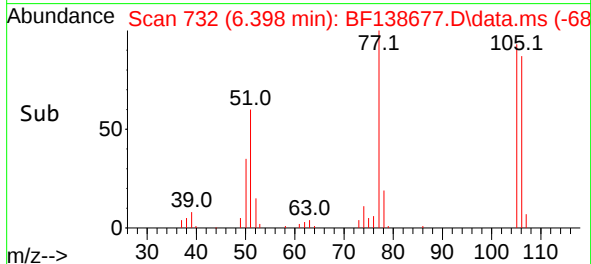
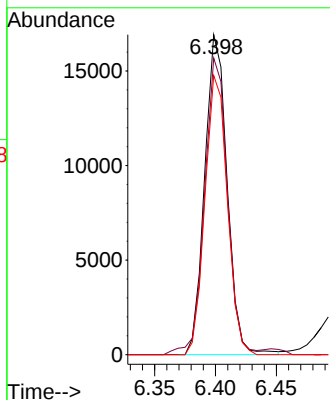
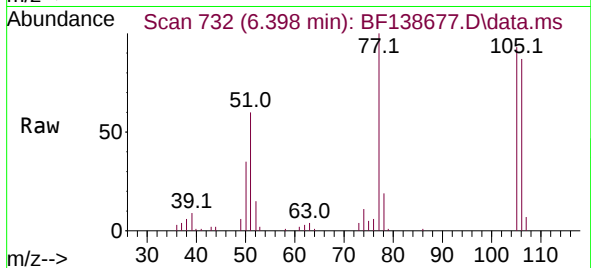
ClientSampleId :

72-11978MSD

Tgt Ion: 77 Resp: 2166
Ion Ratio Lower Upper
77 100
105 92.7 75.1 115.1
106 87.3 73.2 113.2

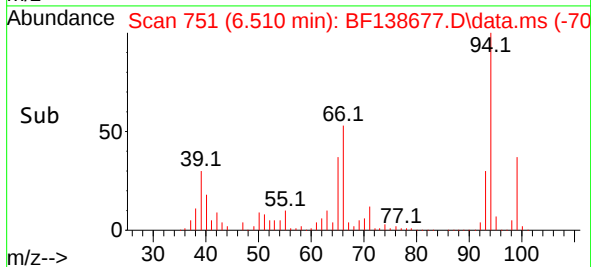
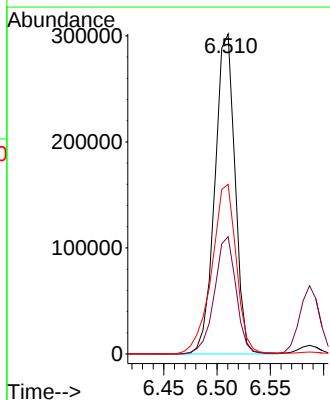
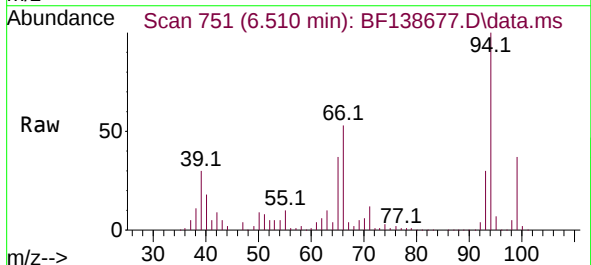
Manual Integrations
APPROVED

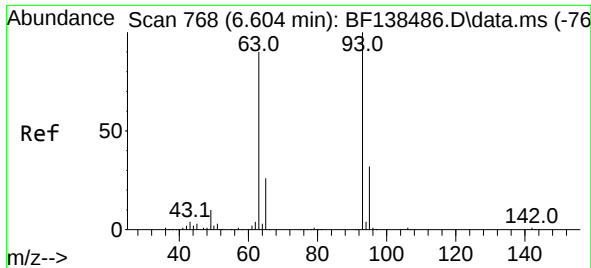
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Phenol
Concen: 47.661 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.011 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion: 94 Resp: 395595
Ion Ratio Lower Upper
94 100
65 36.6 16.7 56.7
66 53.0 31.2 71.2





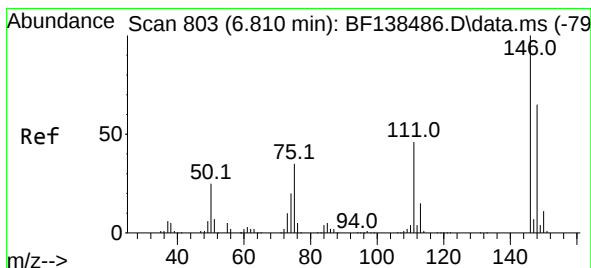
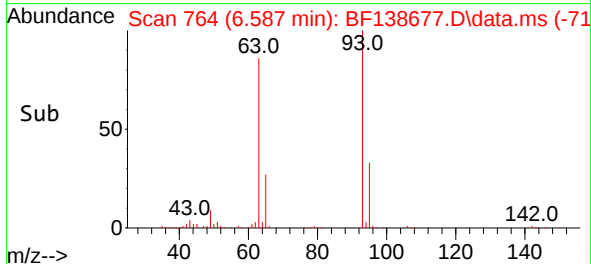
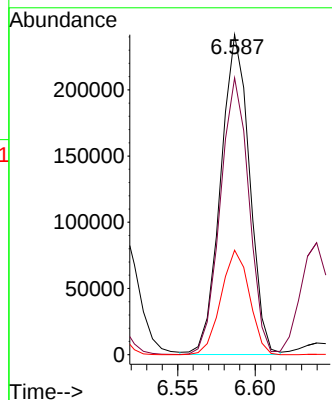
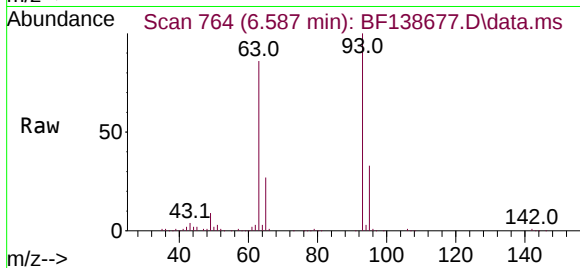
#11
bis(2-Chloroethyl)ether
Concen: 50.012 ng
RT: 6.587 min Scan# 709
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :
BNA_F
ClientSampleId :
72-11978MSD

Tgt Ion: 93 Resp: 312540
Ion Ratio Lower Upper
93 100
63 86.5 68.8 108.8
95 32.6 11.8 51.8

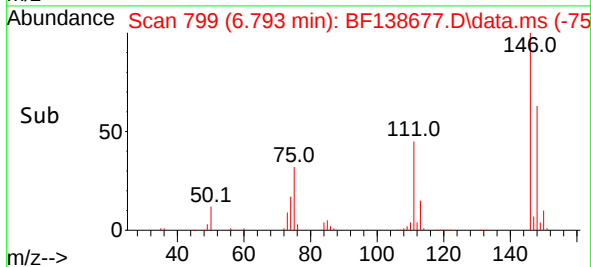
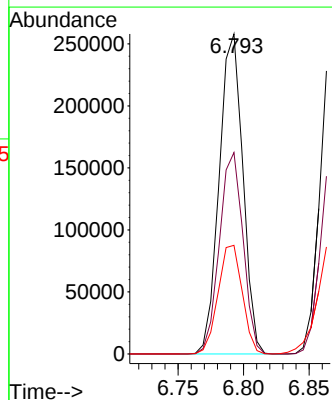
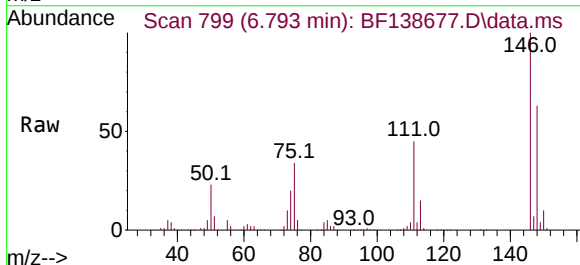
Manual Integrations
APPROVED

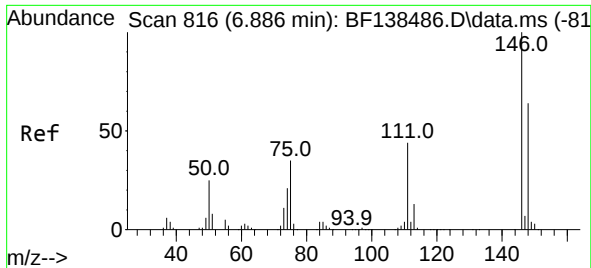
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#12
1,3-Dichlorobenzene
Concen: 46.267 ng
RT: 6.793 min Scan# 799
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:146 Resp: 323247
Ion Ratio Lower Upper
146 100
148 63.0 52.4 78.6
75 34.0 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 45.782 ng
RT: 6.869 min Scan# 816
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

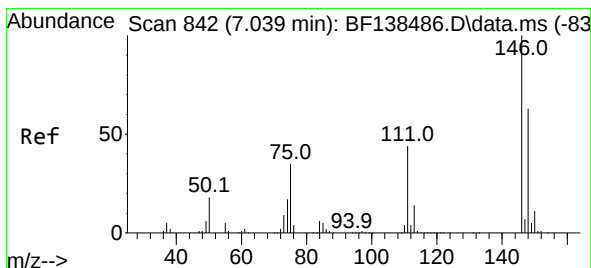
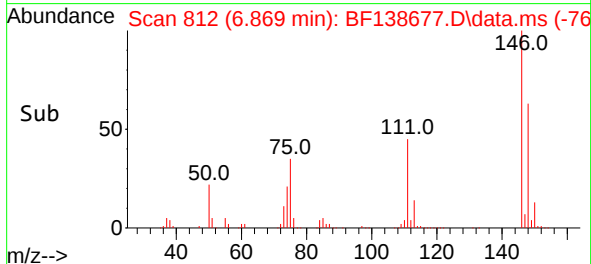
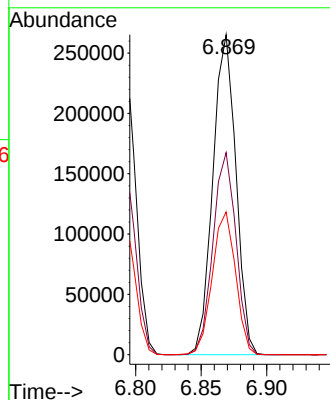
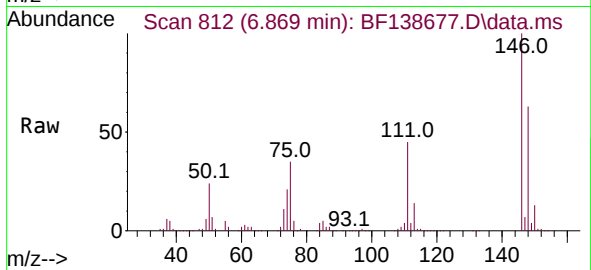
ClientSampleId :

72-11978MSD

Tgt Ion:146 Resp: 32481
Ion Ratio Lower Upper
146 100
148 63.2 51.6 77.4
111 44.6 34.9 52.3

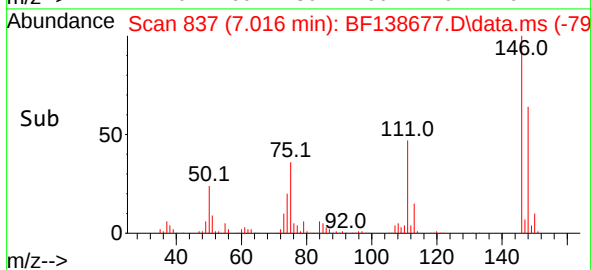
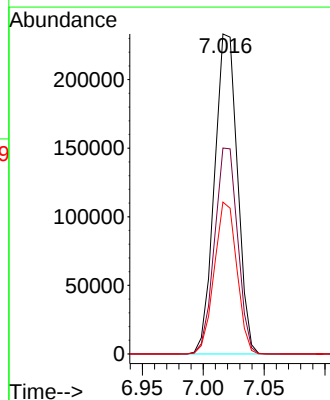
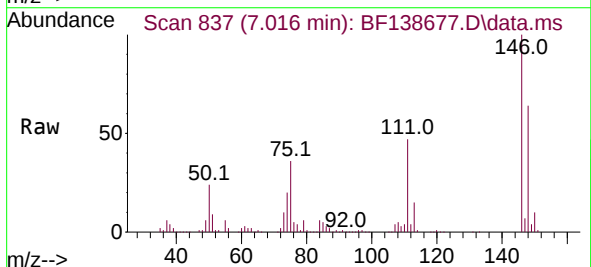
Manual Integrations
APPROVED

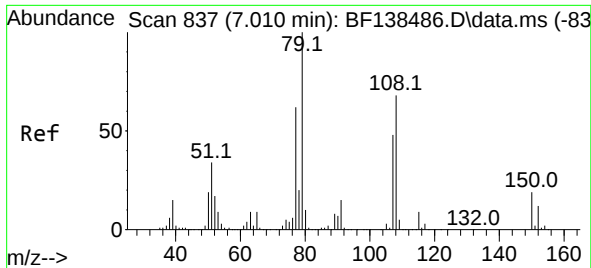
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#14
1,2-Dichlorobenzene
Concen: 46.287 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.023 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:146 Resp: 305859
Ion Ratio Lower Upper
146 100
148 64.4 50.1 75.1
111 47.4 35.5 53.3





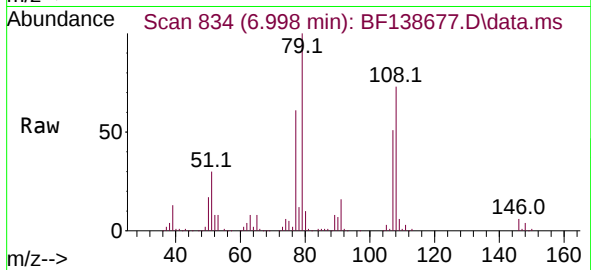
#15
Benzyl Alcohol
Concen: 49.154 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

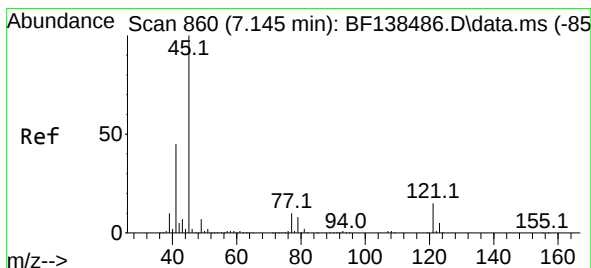
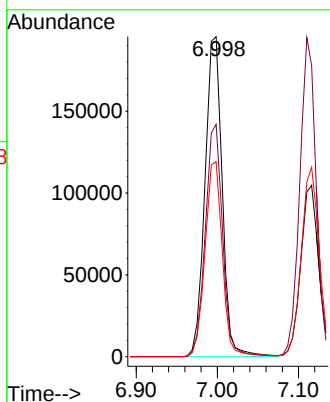
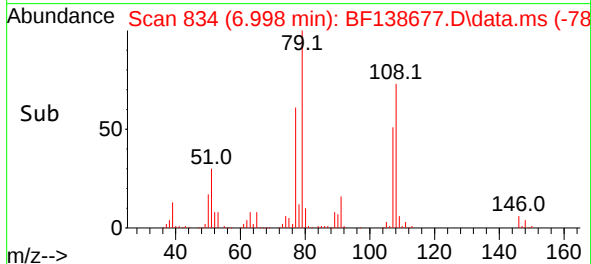


Tgt Ion: 79 Resp: 288458
Ion Ratio Lower Upper
79 100
108 72.6 54.3 81.5
77 60.9 50.0 75.0

Manual Integrations

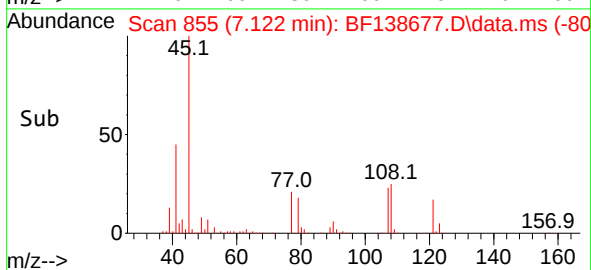
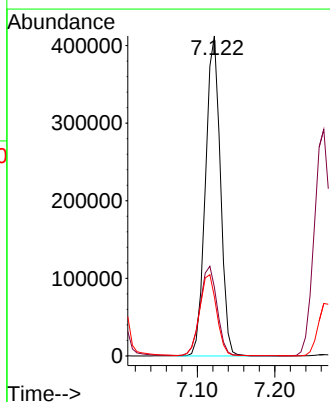
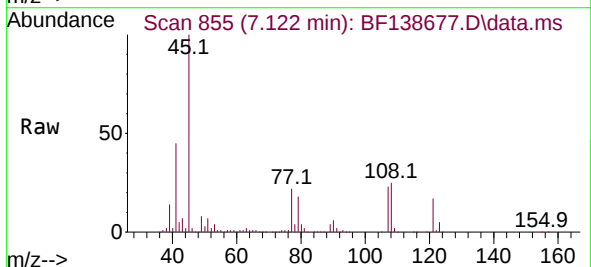
APPROVED

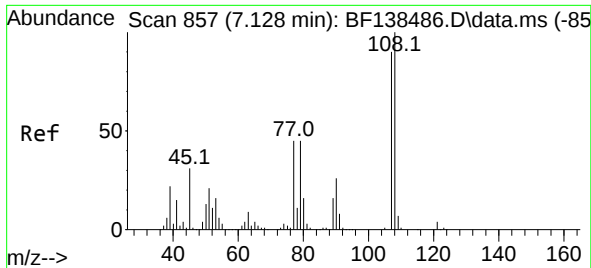
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.694 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.023 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion: 45 Resp: 549257
Ion Ratio Lower Upper
45 100
77 21.5 0.0 30.4
79 18.5 0.0 28.1





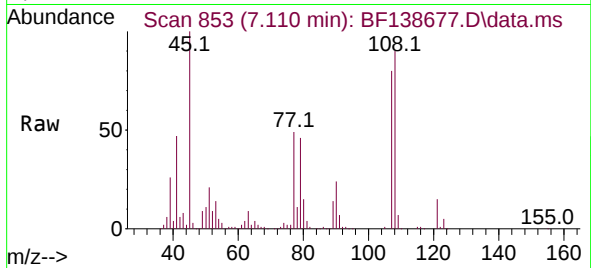
#17
2-Methylphenol
Concen: 47.674 ng
RT: 7.110 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

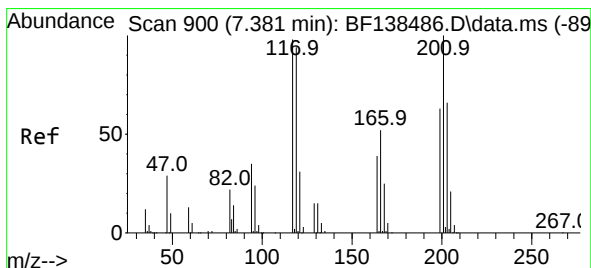
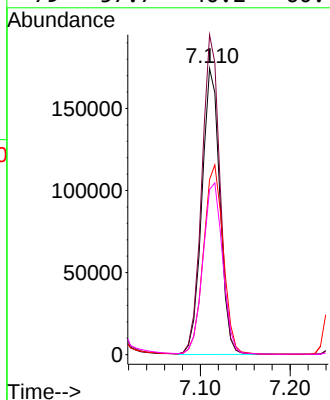
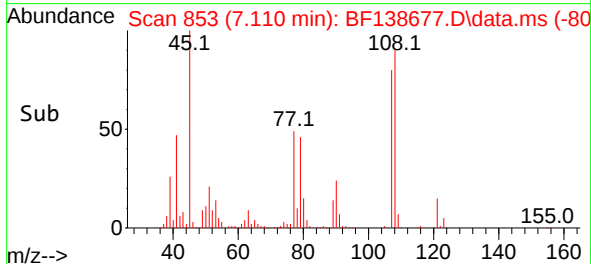


Tgt Ion:107 Resp: 24285
Ion Ratio Lower Upper
107 100
108 111.8 89.0 133.4
77 61.2 40.3 60.5
79 57.7 40.2 60.4

Manual Integrations

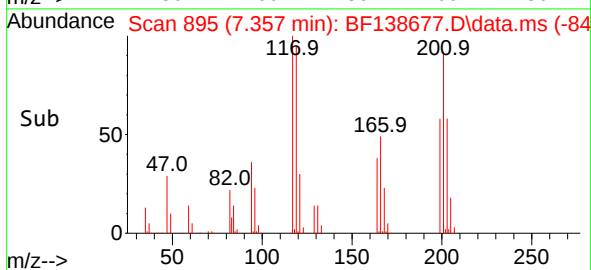
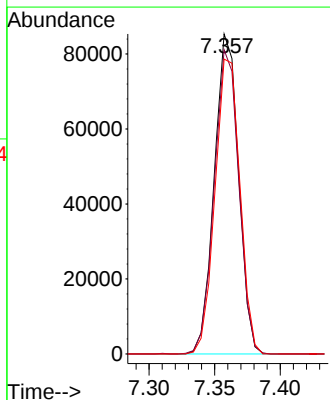
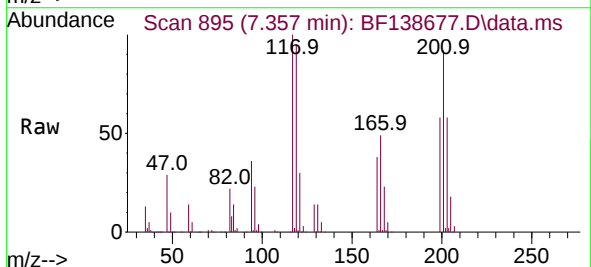
APPROVED

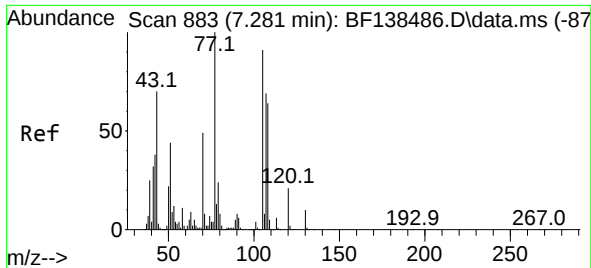
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#18
Hexachloroethane
Concen: 41.968 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.023 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

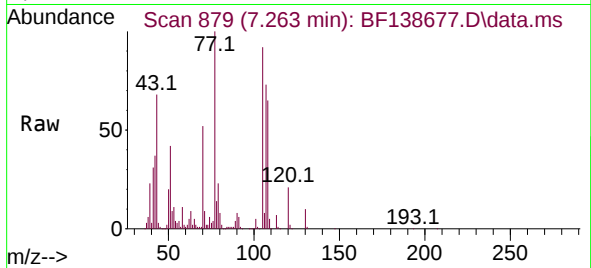
Tgt Ion:117 Resp: 109461
Ion Ratio Lower Upper
117 100
119 95.1 76.6 114.8
201 92.1 81.4 122.0





#19
n-Nitroso-di-n-propylamine
Concen: 47.891 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

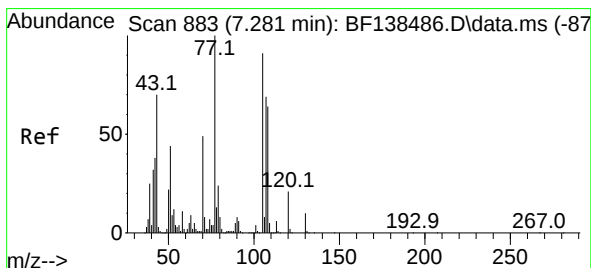
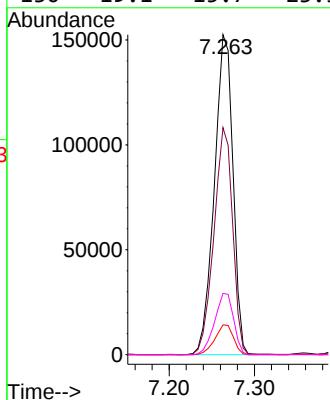
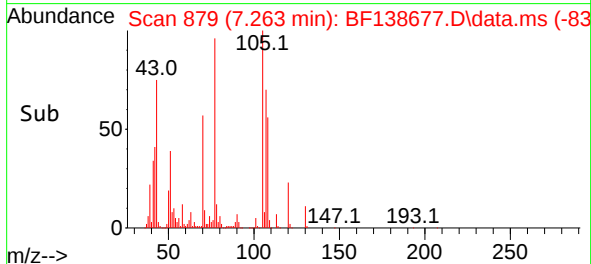
Instrument :
BNA_F
ClientSampleId :
72-11978MSD



Tgt Ion: 70 Resp: 23140
Ion Ratio Lower Upper
70 100
42 70.9 62.4 93.6
101 9.3 7.2 10.8
130 19.1 15.7 23.5

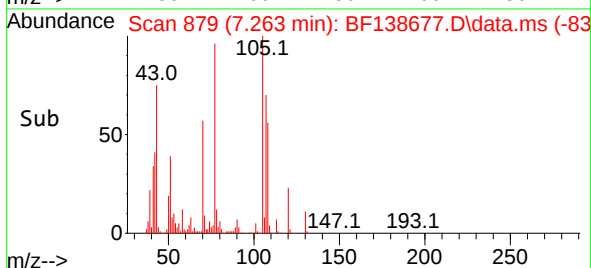
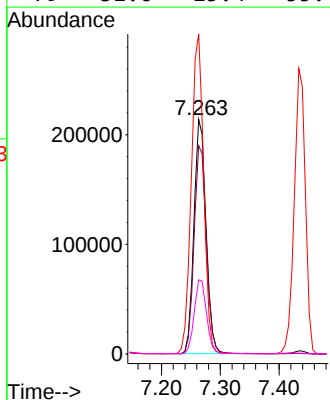
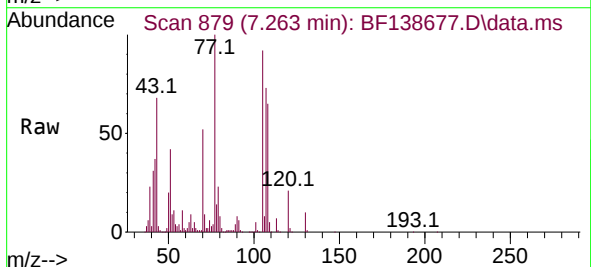
Manual Integrations
APPROVED

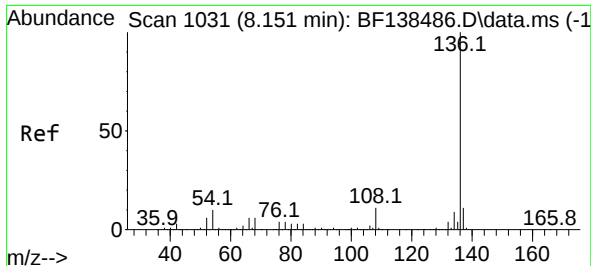
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#20
3+4-Methylphenols
Concen: 47.683 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:107 Resp: 305874
Ion Ratio Lower Upper
107 100
108 88.8 73.7 113.7
77 136.5 126.0 166.0
79 31.6 15.4 55.4





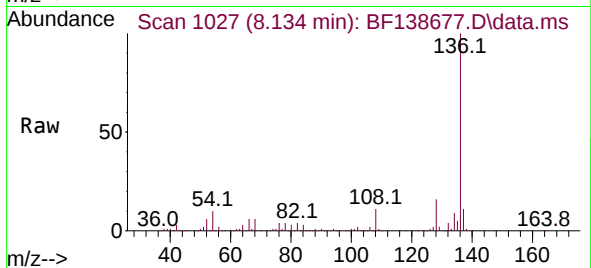
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

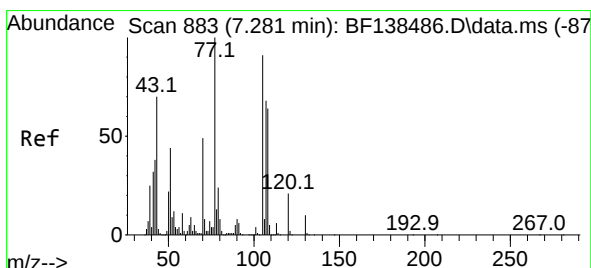
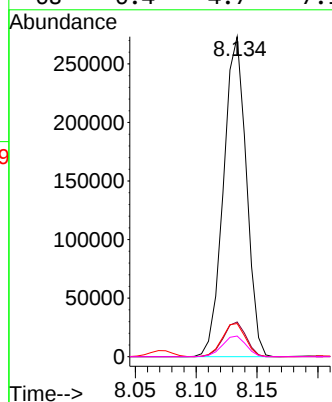
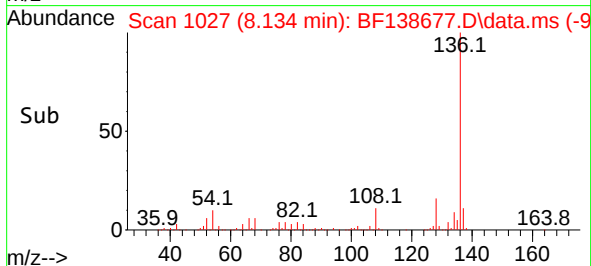


Tgt Ion:136 Resp: 356439
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.4 8.1 12.1
68 6.4 4.7 7.1

Manual Integrations

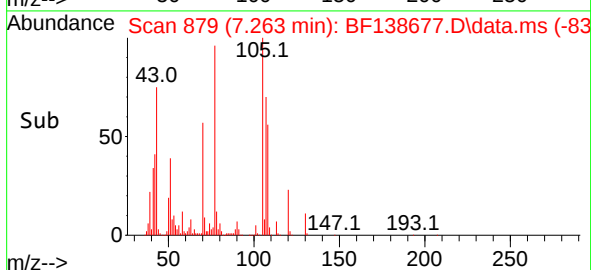
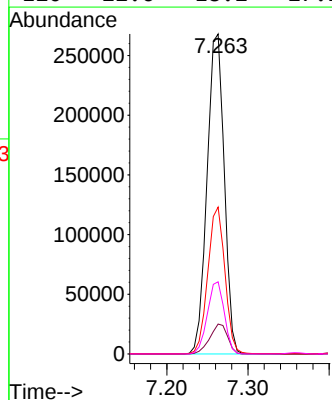
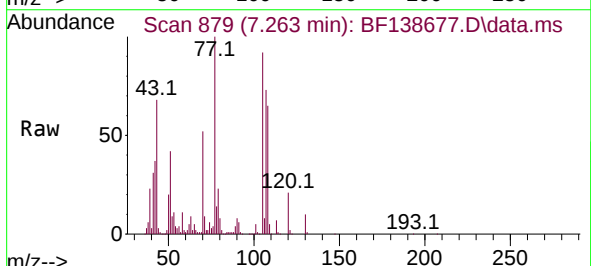
APPROVED

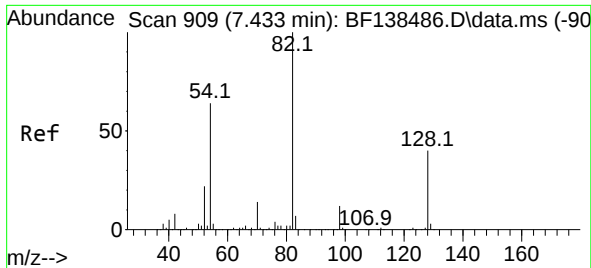
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Acetophenone
Concen: 45.357 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:105 Resp: 392653
Ion Ratio Lower Upper
105 100
71 9.3 7.4 11.2
51 45.9 38.7 58.1
120 22.6 18.2 27.2





#23
Nitrobenzene-d5
Concen: 79.802 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

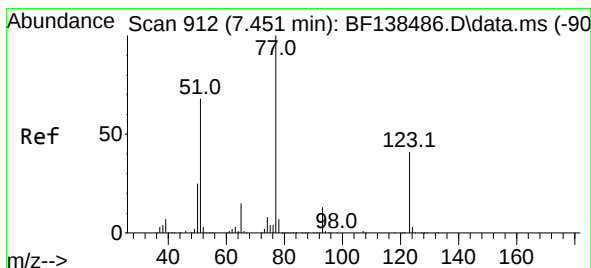
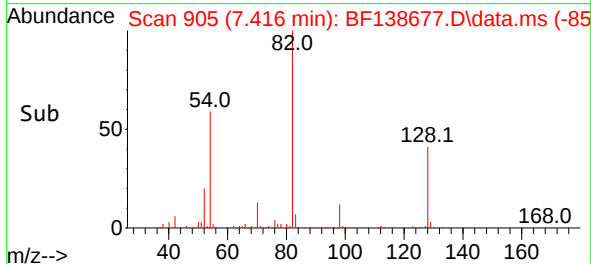
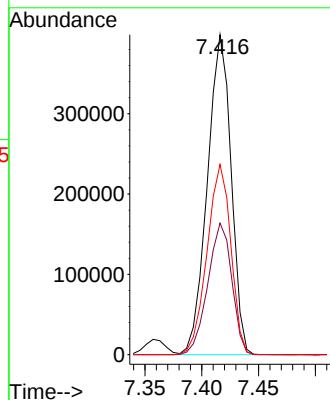
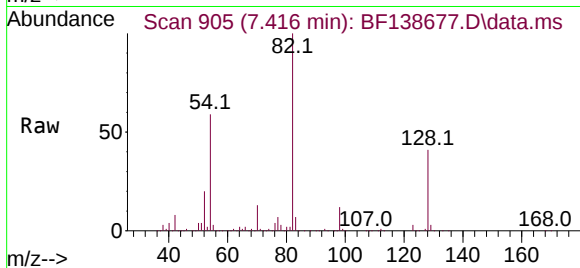
ClientSampleId :

72-11978MSD

Tgt Ion: 82 Resp: 57934
Ion Ratio Lower Upper
82 100
128 41.1 32.3 48.5
54 59.5 51.4 77.0

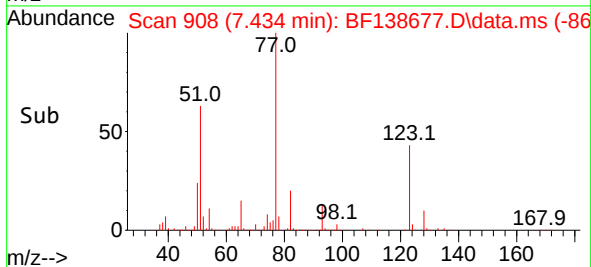
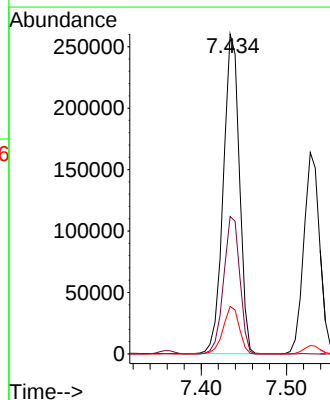
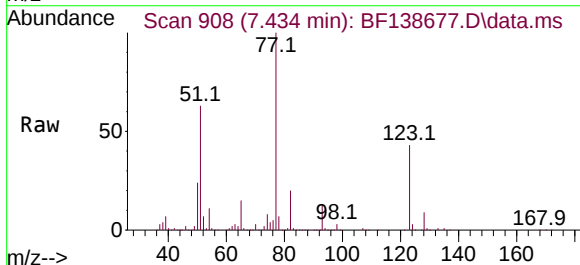
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#24
Nitrobenzene
Concen: 46.206 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

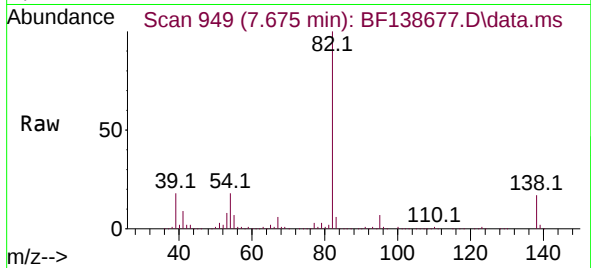
Tgt Ion: 77 Resp: 340889
Ion Ratio Lower Upper
77 100
123 43.0 32.4 48.6
65 14.9 11.8 17.8





#25
Isophorone
Concen: 49.228 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.011 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

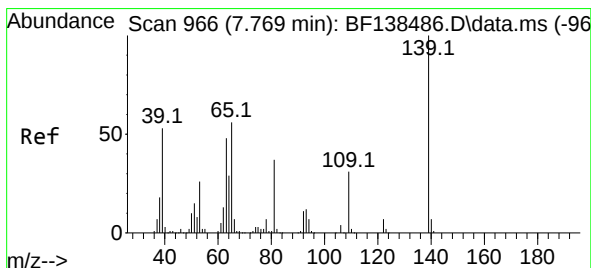
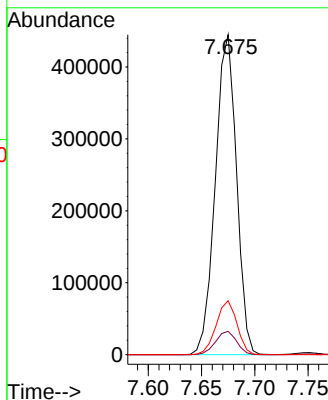
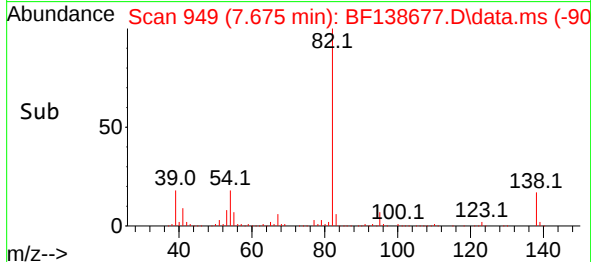
Instrument :
BNA_F
ClientSampleId :
72-11978MSD



Tgt Ion: 82 Resp: 61374
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 16.8 12.8 19.2

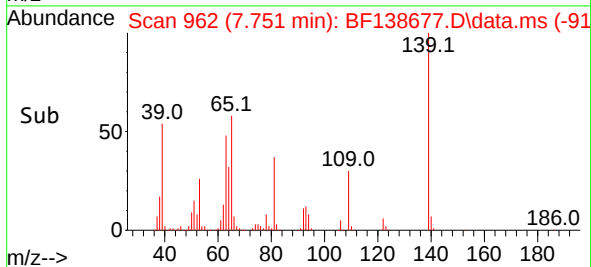
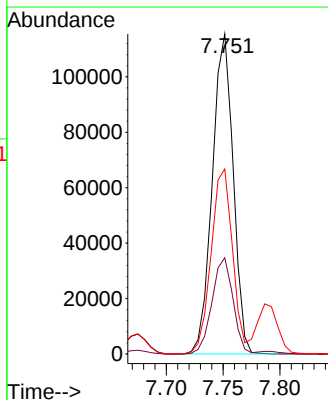
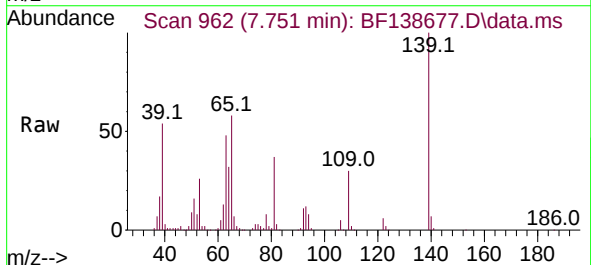
Manual Integrations
APPROVED

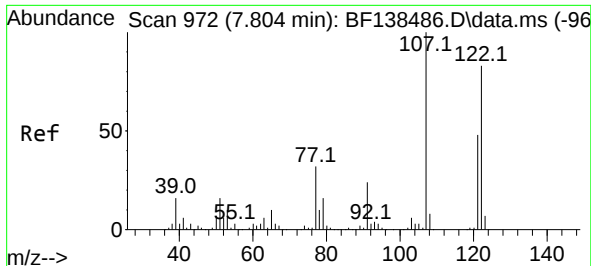
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#26
2-Nitrophenol
Concen: 46.749 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:139 Resp: 147823
Ion Ratio Lower Upper
139 100
109 30.1 24.8 37.2
65 57.8 45.1 67.7





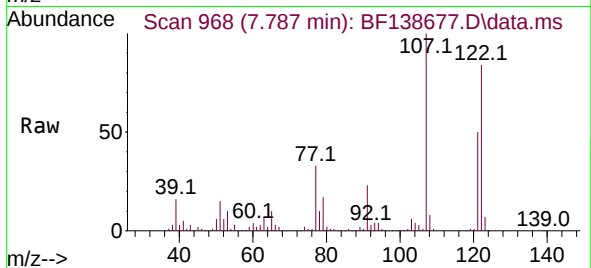
#27
2,4-Dimethylphenol
Concen: 52.212 ng
RT: 7.787 min Scan# 90
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

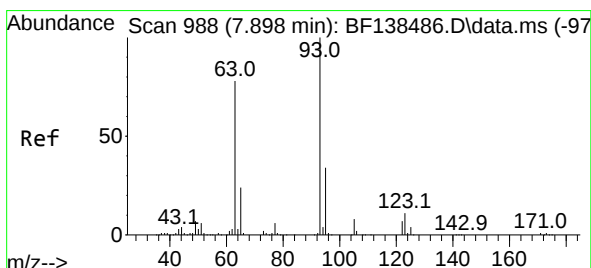
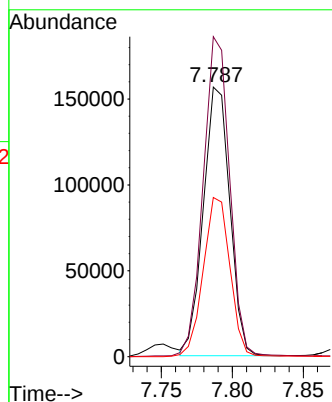
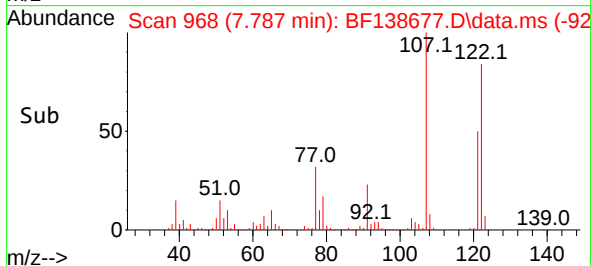


Tgt Ion:122 Resp: 20291
Ion Ratio Lower Upper
122 100
107 118.7 96.3 144.5
121 59.0 46.7 70.1

Manual Integrations

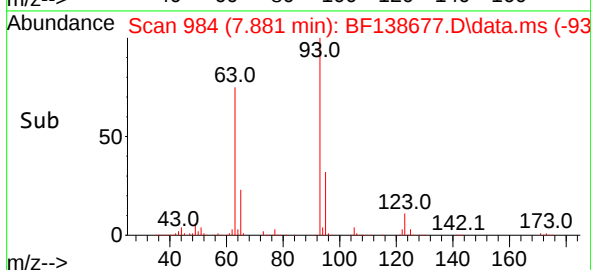
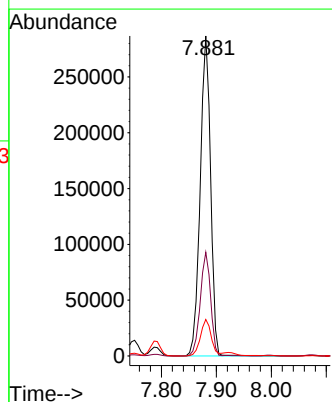
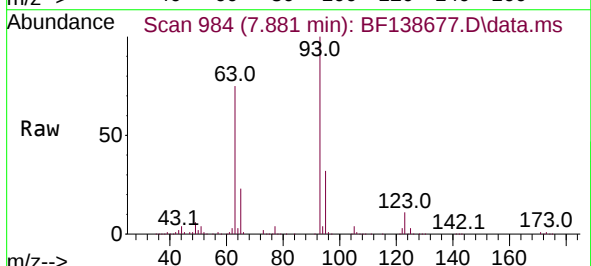
APPROVED

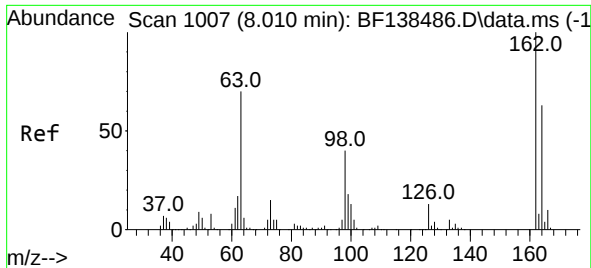
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.622 ng
RT: 7.881 min Scan# 984
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion: 93 Resp: 377183
Ion Ratio Lower Upper
93 100
95 32.4 27.0 40.6
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.602 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.012 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

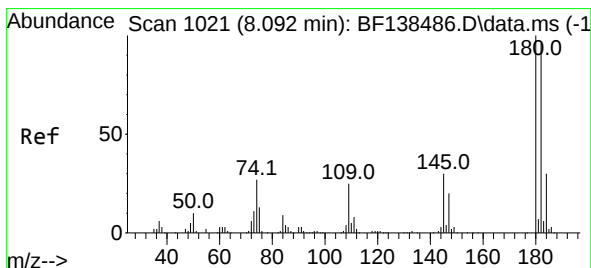
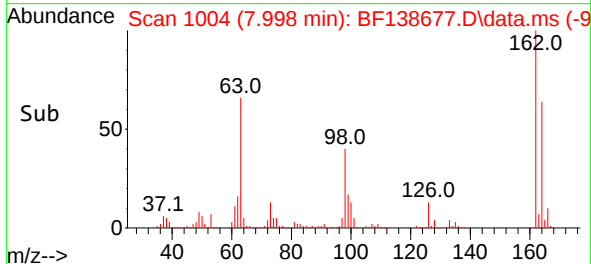
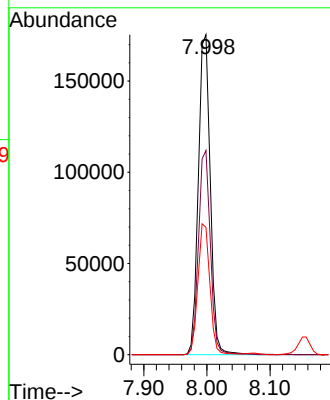
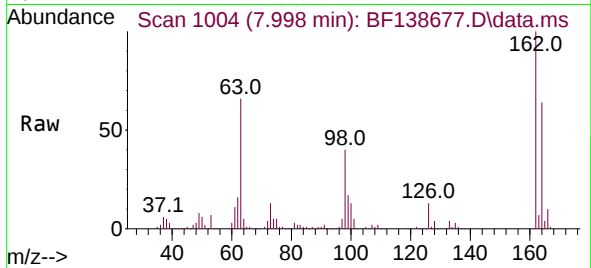
72-11978MSD

Tgt Ion:162	Resp: 23014
Ion Ratio	Lower Upper
162 100	
164 63.8	42.6 82.6
98 39.8	20.1 60.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.526 ng

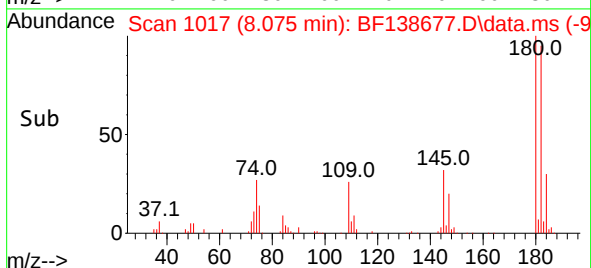
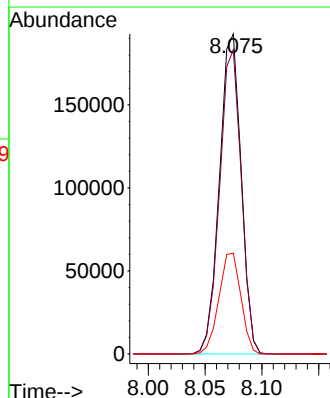
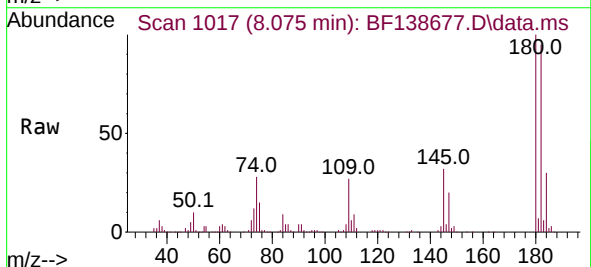
RT: 8.075 min Scan# 1017

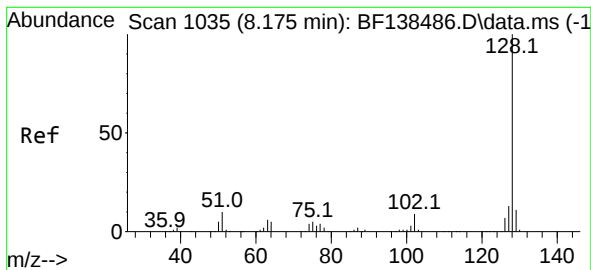
Delta R.T. -0.017 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Tgt Ion:180	Resp: 255894
Ion Ratio	Lower Upper
180 100	
182 95.1	76.9 115.3
145 31.5	23.9 35.9





#31

Naphthalene

Concen: 46.083 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.017 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

Tgt Ion:128 Resp: 854270

Ion Ratio Lower Upper

128 100

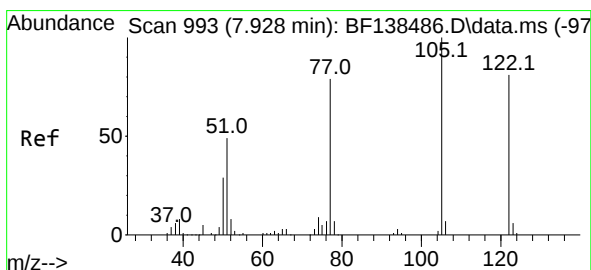
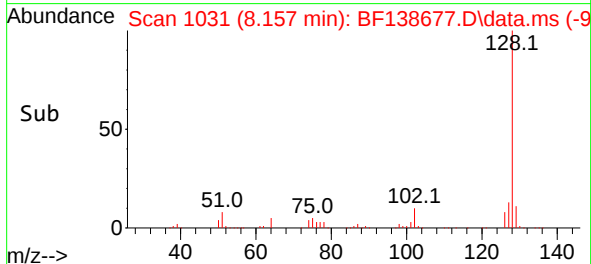
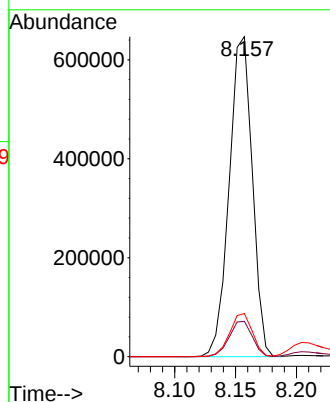
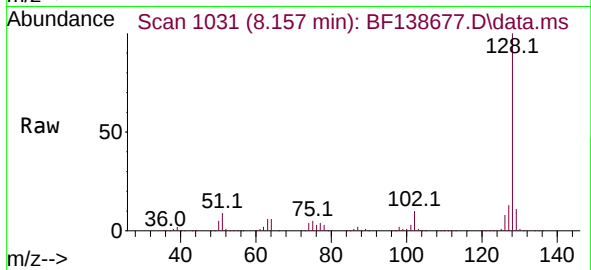
129 11.1 8.6 13.0

127 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#32

Benzoic acid

Concen: 30.974 ng m

RT: 7.922 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

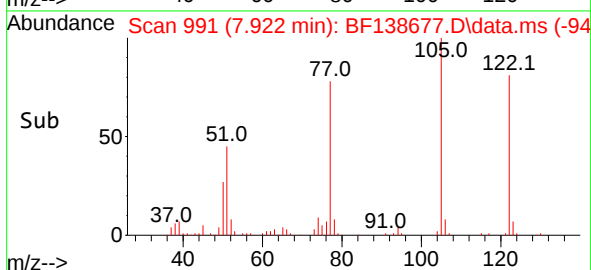
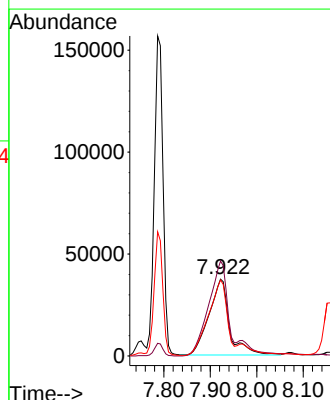
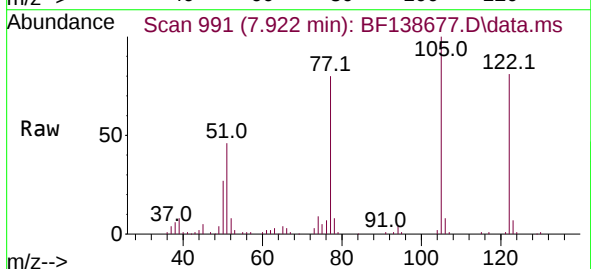
Tgt Ion:122 Resp: 114809

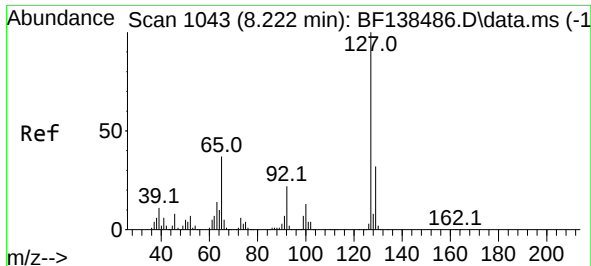
Ion Ratio Lower Upper

122 100

105 123.6 101.5 141.5

77 99.0 77.3 117.3





#33
4-Chloroaniline
Concen: 11.161 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

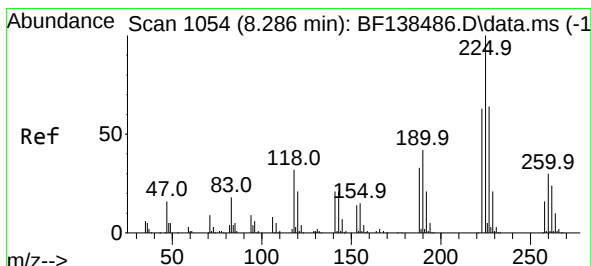
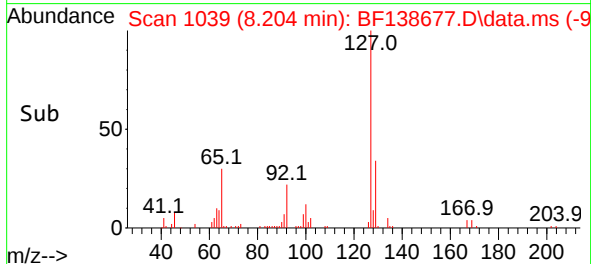
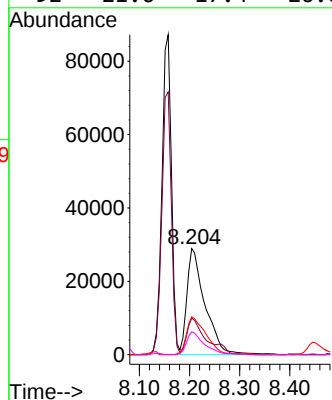
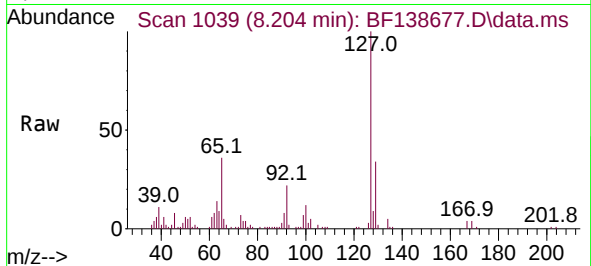
ClientSampleId :

72-11978MSD

Tgt Ion:127 Resp: 72592
Ion Ratio Lower Upper
127 100
129 34.5 25.6 38.4
65 35.8 29.6 44.4
92 21.6 17.4 26.0

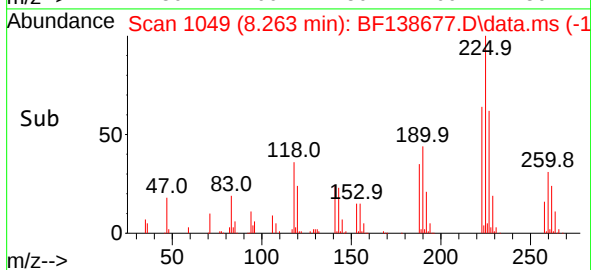
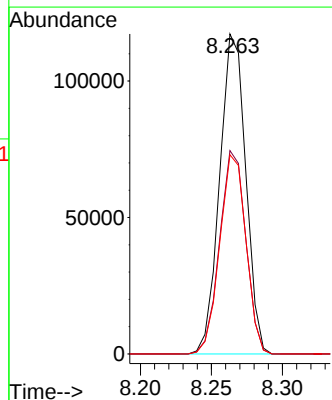
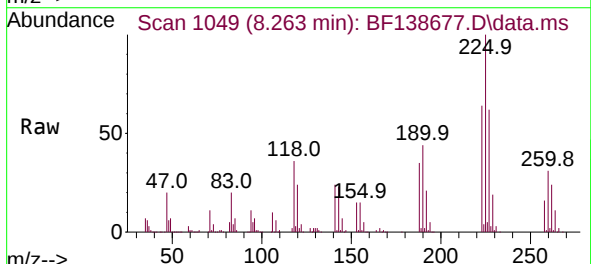
Manual Integrations
APPROVED

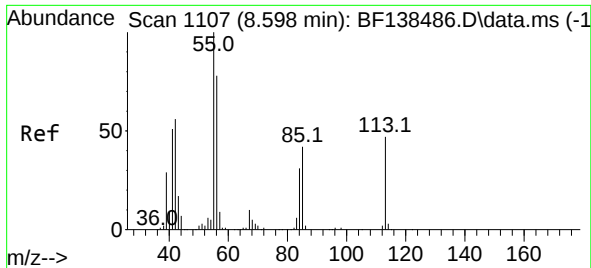
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#34
Hexachlorobutadiene
Concen: 41.303 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.023 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

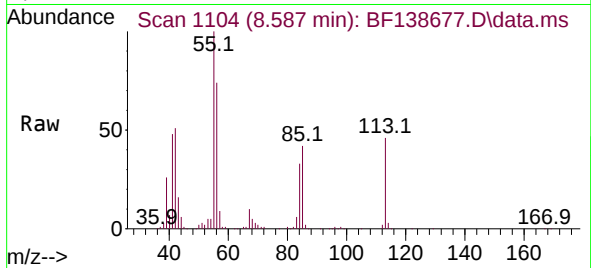
Tgt Ion:225 Resp: 149528
Ion Ratio Lower Upper
225 100
223 63.5 50.0 75.0
227 62.3 51.0 76.6





#35
 Caprolactam
 Concen: 39.454 ng m
 RT: 8.587 min Scan# 1104
 Delta R.T. -0.012 min
 Lab File: BF138677.D
 Acq: 29 Jul 2024 19:16

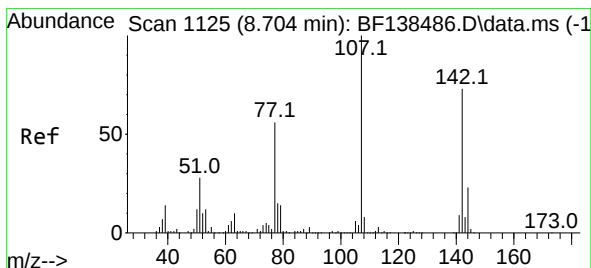
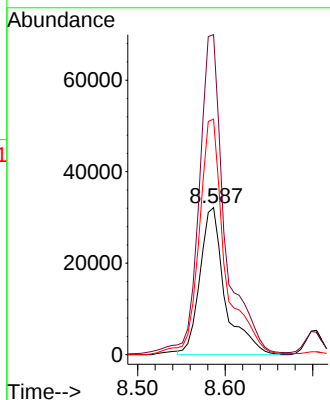
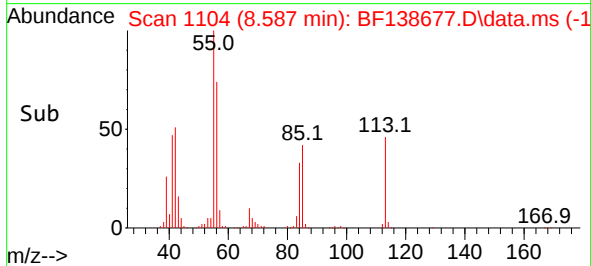
Instrument :
 BNA_F
 ClientSampleId :
 72-11978MSD



Tgt Ion:113 Resp: 6425
 Ion Ratio Lower Upper
 113 100
 55 217.5 192.5 232.5
 56 160.1 145.3 185.3

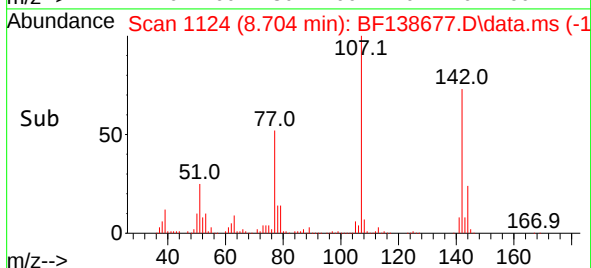
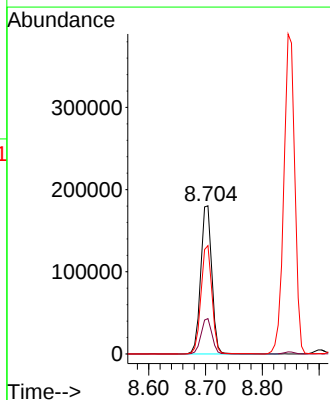
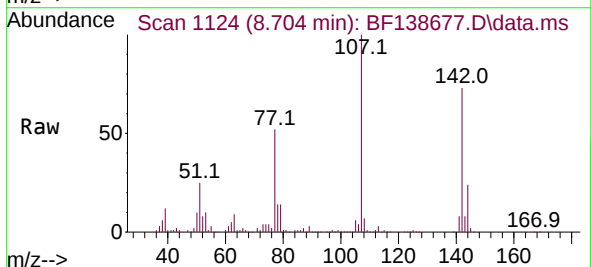
Manual Integrations
 APPROVED

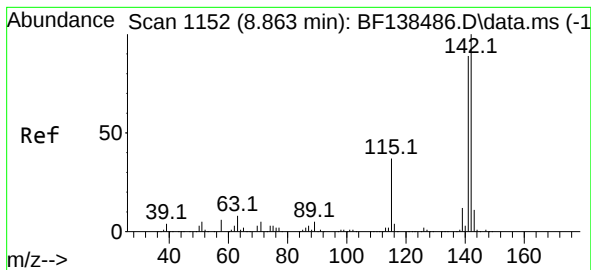
Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



#36
 4-Chloro-3-methylphenol
 Concen: 43.465 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF138677.D
 Acq: 29 Jul 2024 19:16

Tgt Ion:107 Resp: 245574
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.6 27.8
 142 73.1 58.6 88.0





#37
2-Methylnaphthalene
Concen: 43.695 ng
RT: 8.845 min Scan# 1152
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

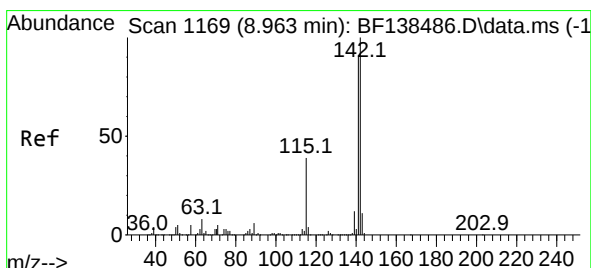
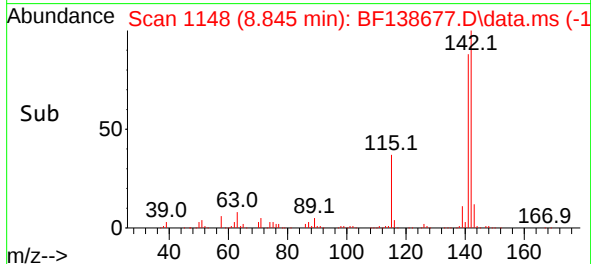
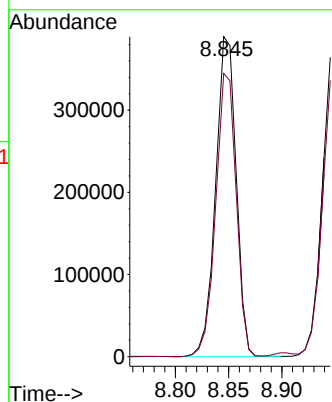
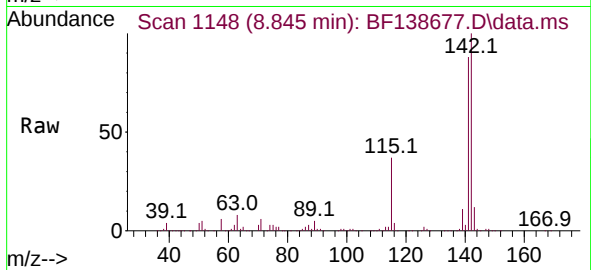
72-11978MSD

Tgt Ion:142 Resp: 521250
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0

Manual Integrations

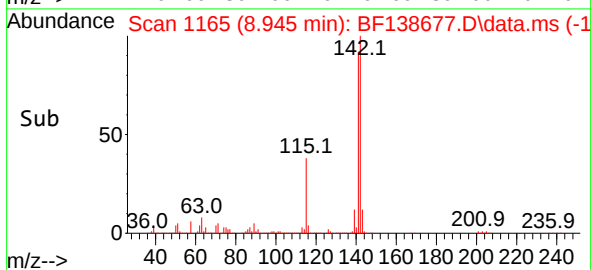
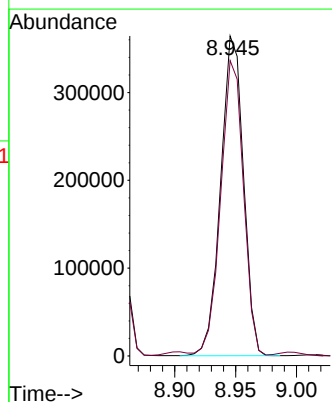
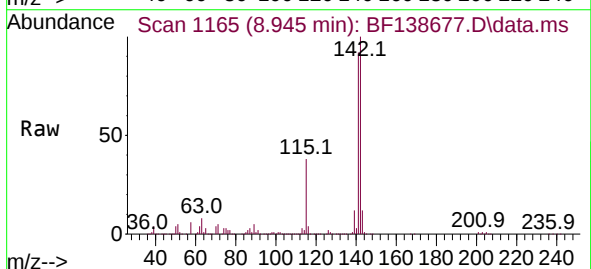
APPROVED

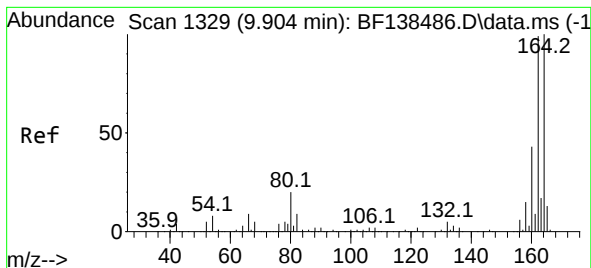
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#38
1-Methylnaphthalene
Concen: 40.717 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:142 Resp: 474057
Ion Ratio Lower Upper
142 100
141 92.3 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1177

Delta R.T. -0.011 min

Lab File: BF138677.D

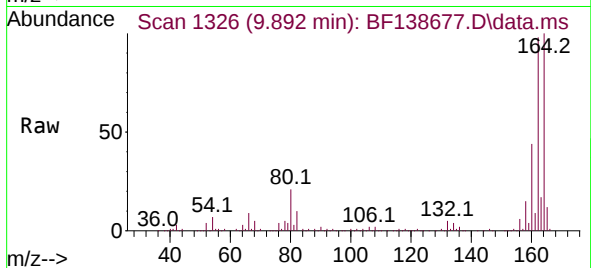
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD



Tgt Ion:164 Resp: 15668

Ion Ratio Lower Upper

164 100

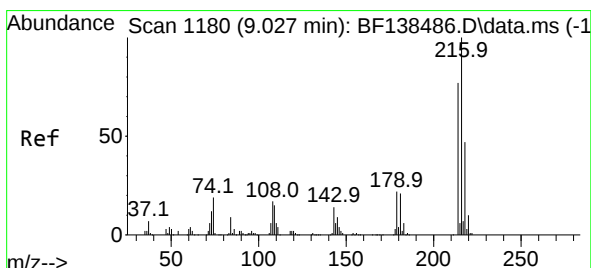
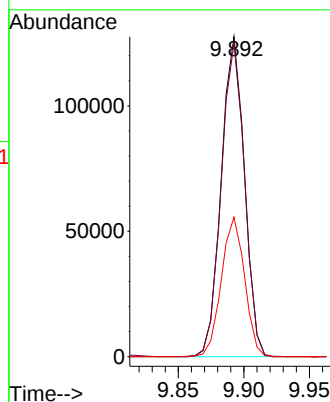
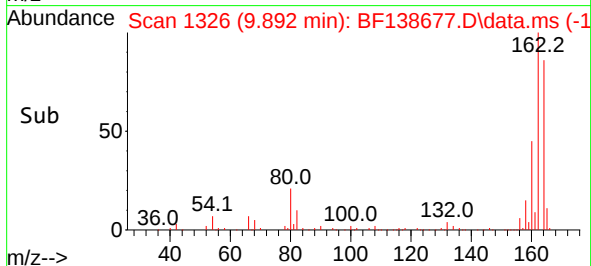
162 97.7 79.0 118.6

160 43.6 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.221 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Tgt Ion:216 Resp: 210573

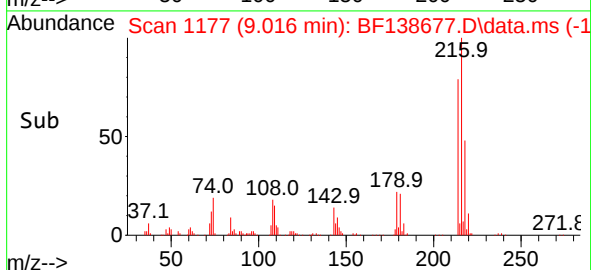
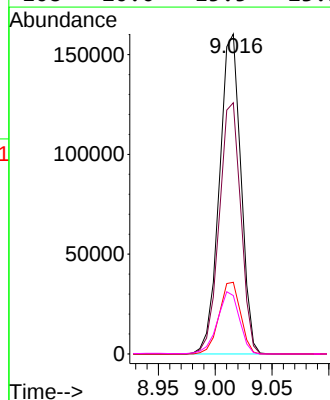
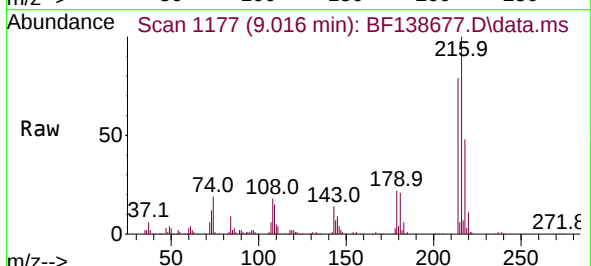
Ion Ratio Lower Upper

216 100

214 78.7 62.8 94.2

179 22.4 17.7 26.5

108 20.0 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 28.698 ng
RT: 8.998 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

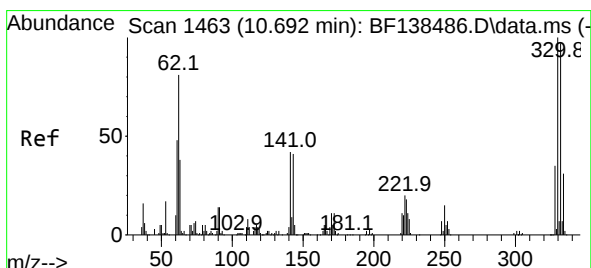
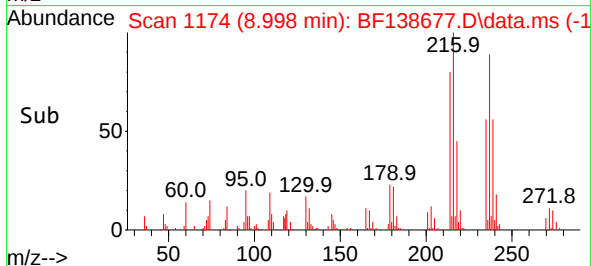
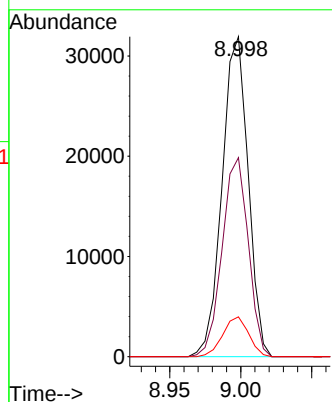
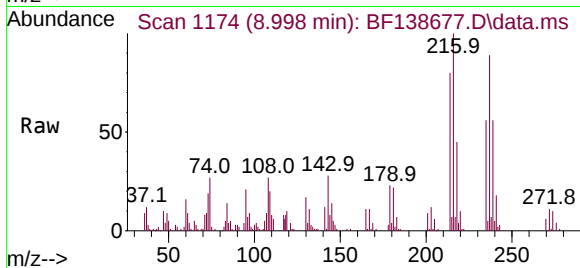
72-11978MSD

Tgt Ion:237 Resp: 40670
Ion Ratio Lower Upper
237 100
235 62.2 43.3 83.3
272 12.4 0.0 32.3

Manual Integrations

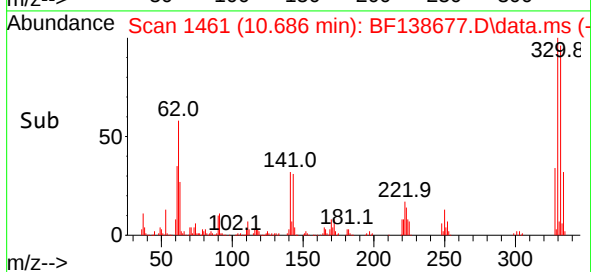
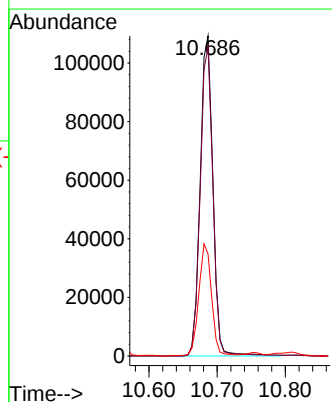
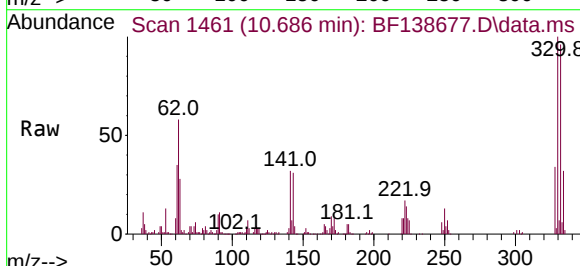
APPROVED

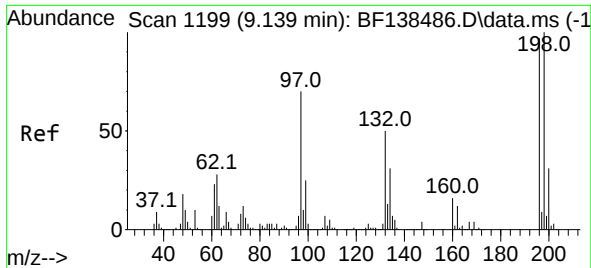
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#42
2,4,6-Tribromophenol
Concen: 96.979 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

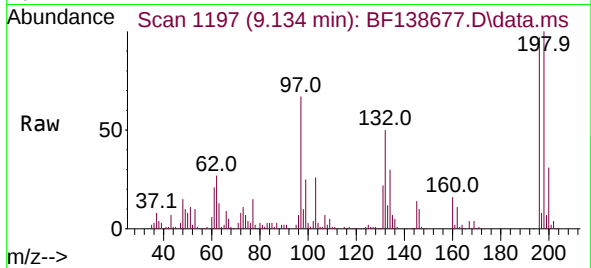
Tgt Ion:330 Resp: 142010
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 35.2 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 48.044 ng
RT: 9.134 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

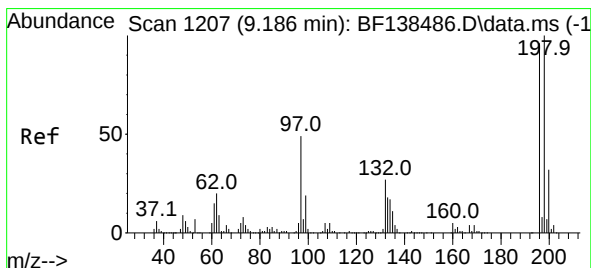
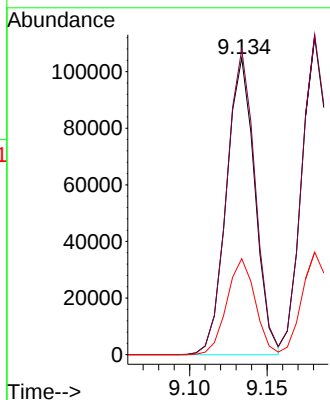
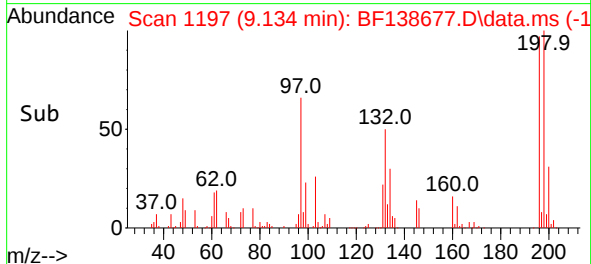
Instrument :
BNA_F
ClientSampleId :
72-11978MSD



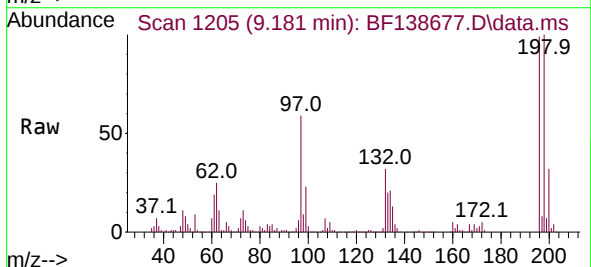
Tgt Ion:196 Resp: 13382
Ion Ratio Lower Upper
196 100
198 102.9 82.3 123.5
200 32.4 25.8 38.6

Manual Integrations
APPROVED

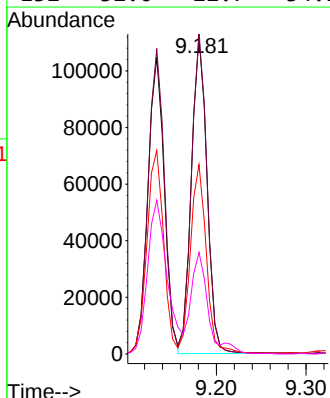
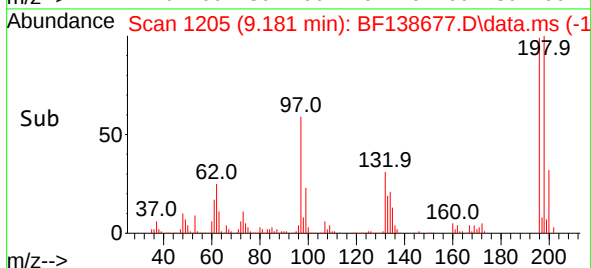
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

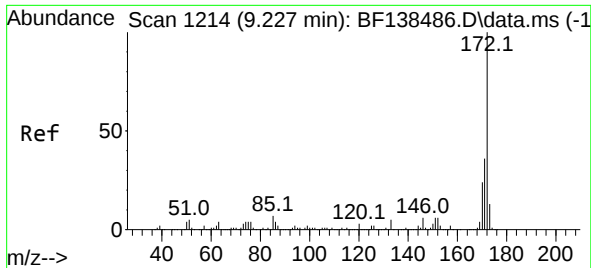


#44
2,4,5-Trichlorophenol
Concen: 44.136 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16



Tgt Ion:196 Resp: 135221
Ion Ratio Lower Upper
196 100
198 100.8 82.8 124.2
97 59.6 41.0 61.4
132 32.0 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 88.685 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

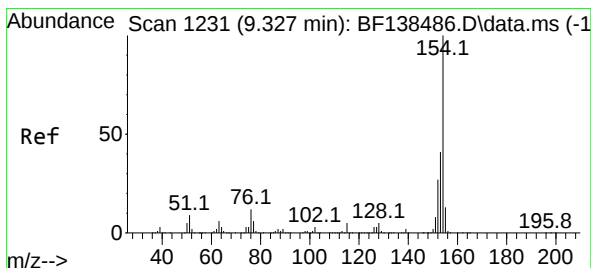
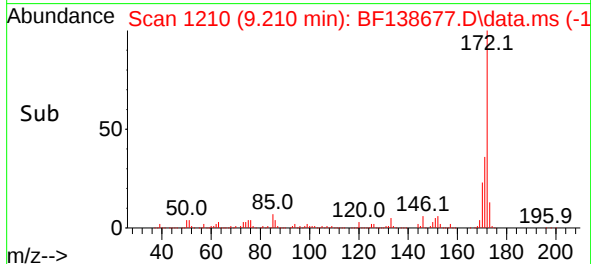
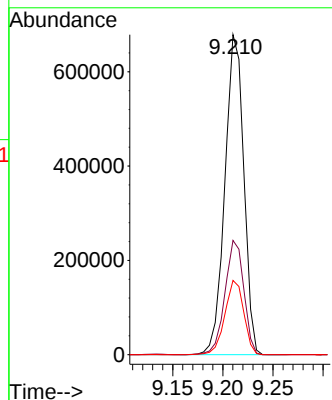
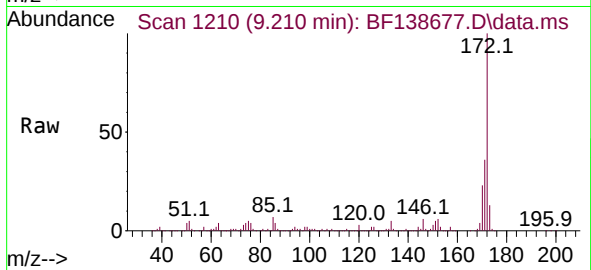
72-11978MSD

Tgt Ion:172 Resp: 88906
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.2 18.9 28.3

Manual Integrations

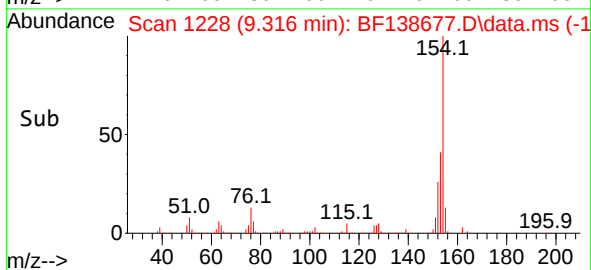
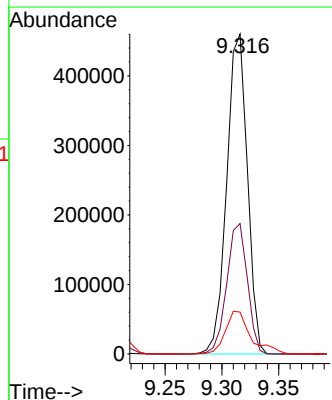
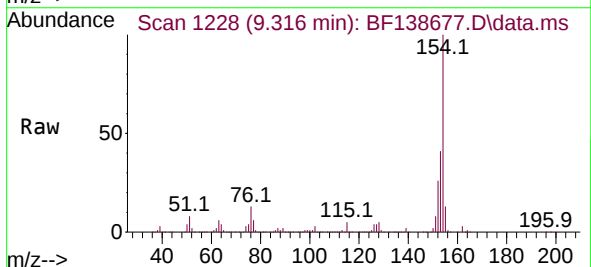
APPROVED

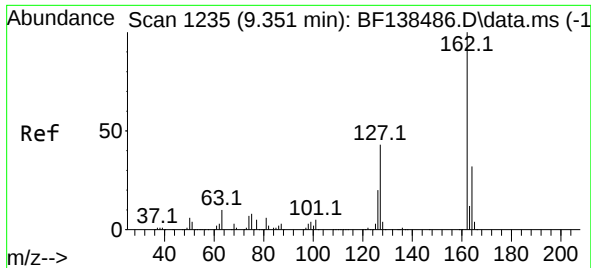
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#46
1,1'-Biphenyl
Concen: 49.026 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.011 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:154 Resp: 582132
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 13.1 0.0 32.2





#47

2-Chloronaphthalene

Concen: 49.035 ng

RT: 9.339 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

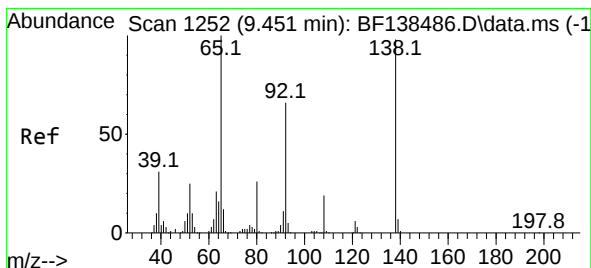
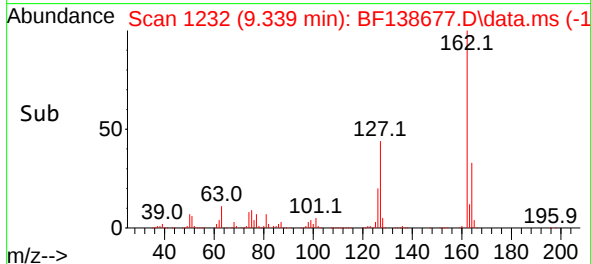
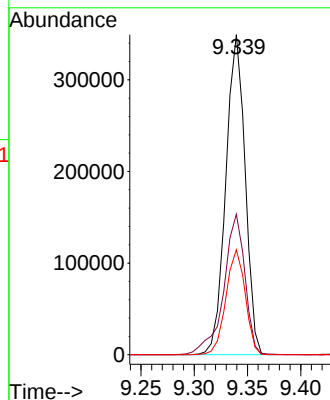
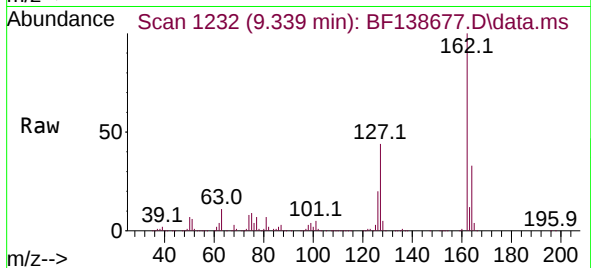
72-11978MSD

Tgt Ion:162 Resp: 43985
 Ion Ratio Lower Upper
 162 100
 127 43.9 34.8 52.2
 164 32.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



#48

2-Nitroaniline

Concen: 49.954 ng

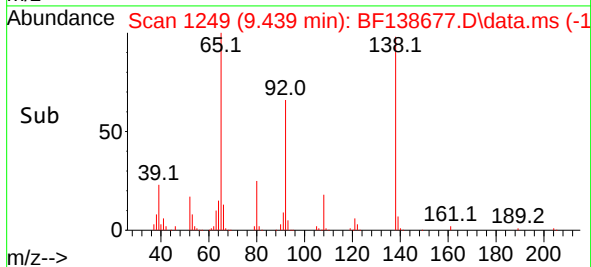
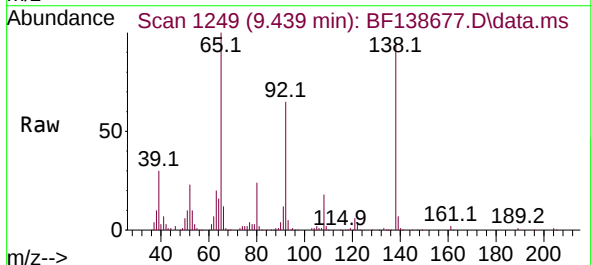
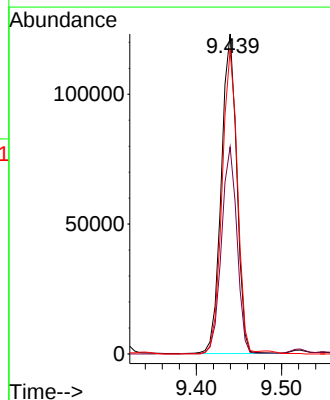
RT: 9.439 min Scan# 1249

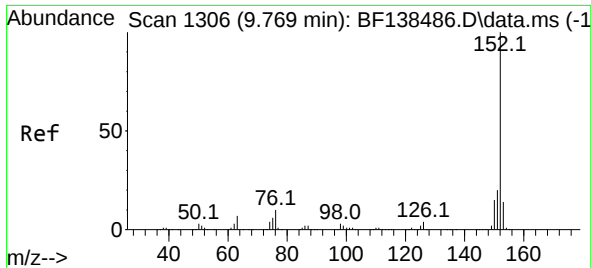
Delta R.T. -0.012 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Tgt Ion: 65 Resp: 155282
 Ion Ratio Lower Upper
 65 100
 92 64.7 52.6 78.8
 138 95.0 78.6 118.0





#49
Acenaphthylene
Concen: 52.158 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

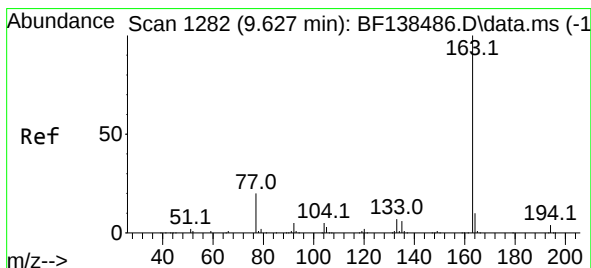
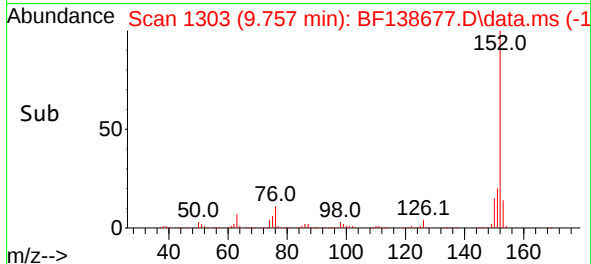
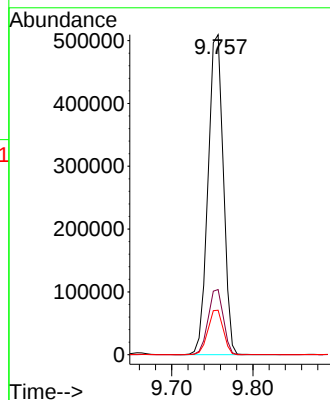
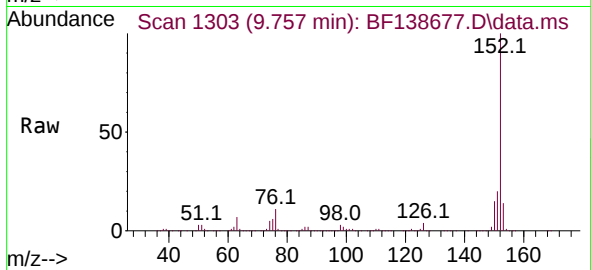
72-11978MSD

Tgt Ion:152 Resp: 664260
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.9 11.3 16.9

Manual Integrations

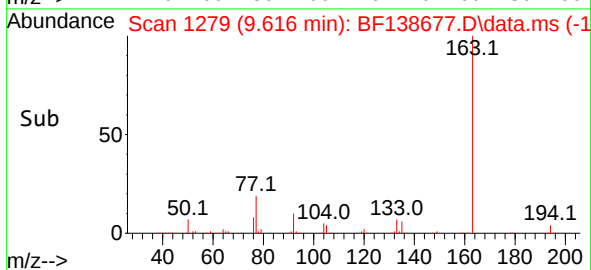
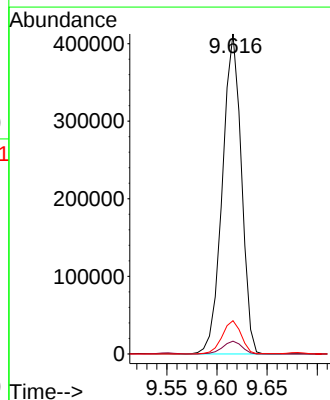
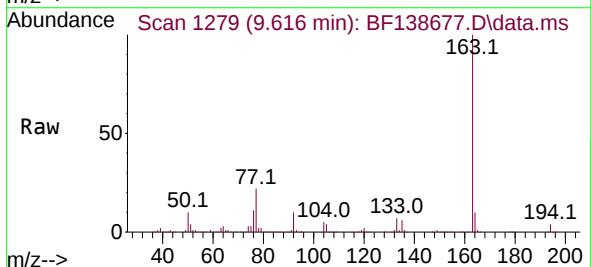
APPROVED

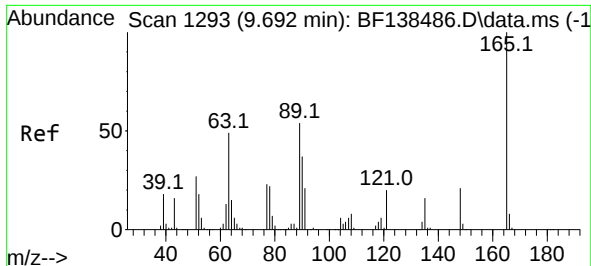
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#50
Dimethylphthalate
Concen: 53.609 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:163 Resp: 543127
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.4 8.1 12.1





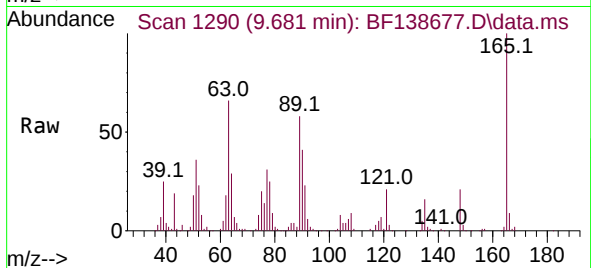
#51
2,6-Dinitrotoluene
Concen: 45.860 ng
RT: 9.681 min Scan# 1290
Delta R.T. -0.011 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

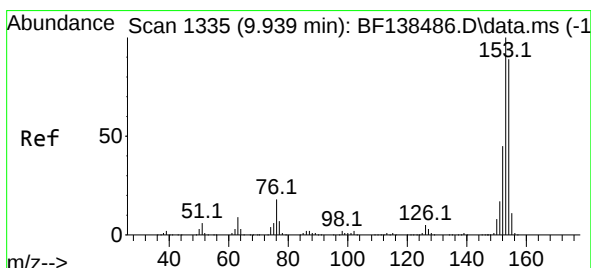
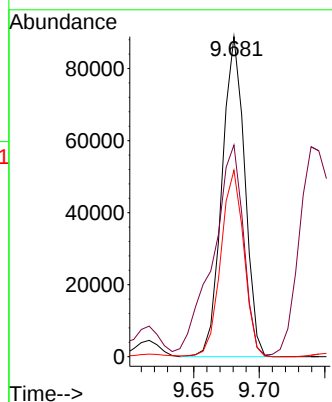
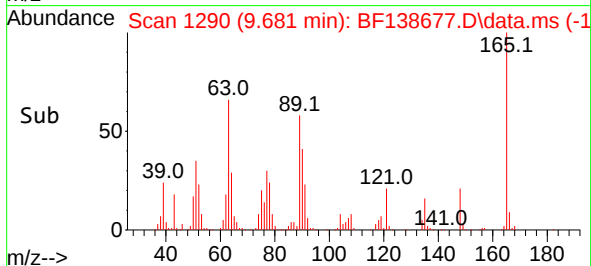


Tgt Ion:165 Resp: 106978
Ion Ratio Lower Upper
165 100
63 66.2 48.1 72.1
89 58.2 43.0 64.6

Manual Integrations

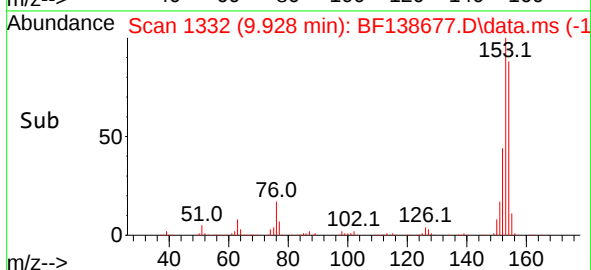
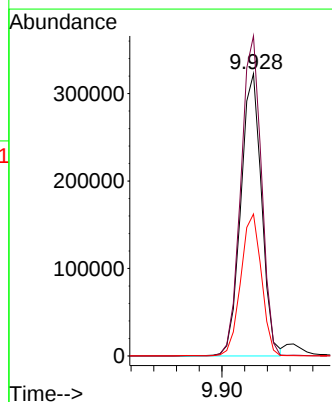
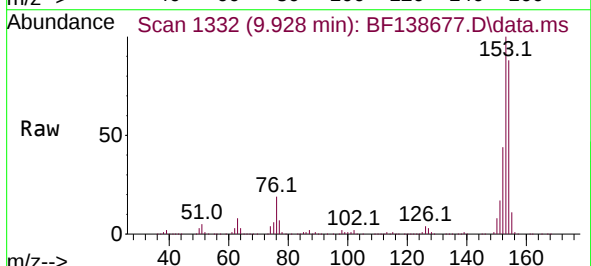
APPROVED

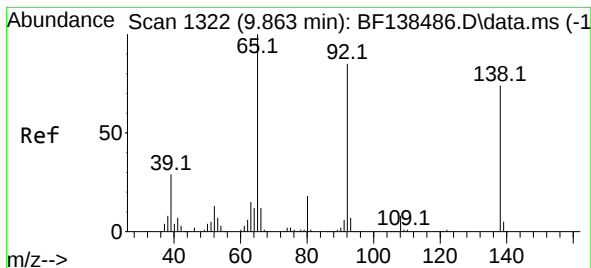
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#52
Acenaphthene
Concen: 48.463 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:154 Resp: 410270
Ion Ratio Lower Upper
154 100
153 113.4 90.4 135.6
152 50.3 41.1 61.7





#53

3-Nitroaniline

Concen: 29.632 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

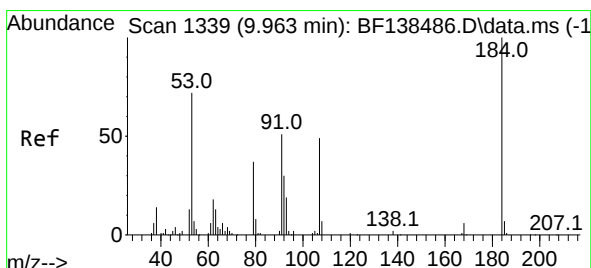
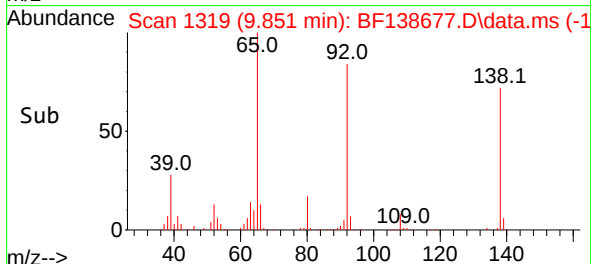
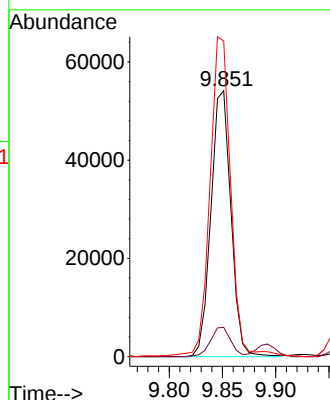
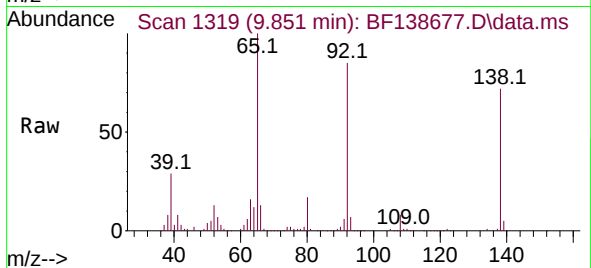
72-11978MSD

Tgt Ion:138 Resp: 70845
 Ion Ratio Lower Upper
 138 100
 108 11.0 8.3 12.5
 92 118.6 92.6 138.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



#54

2,4-Dinitrophenol

Concen: 27.424 ng

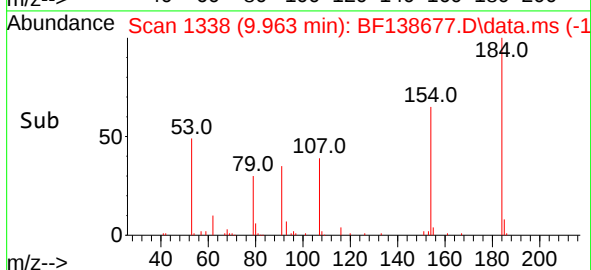
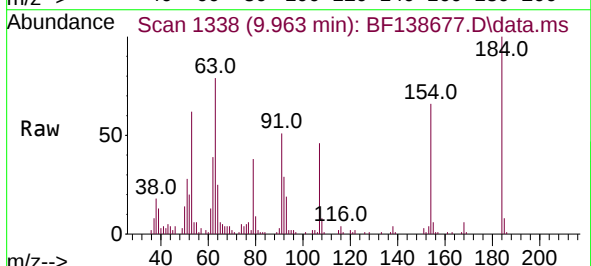
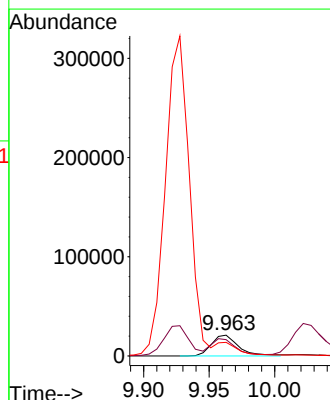
RT: 9.963 min Scan# 1338

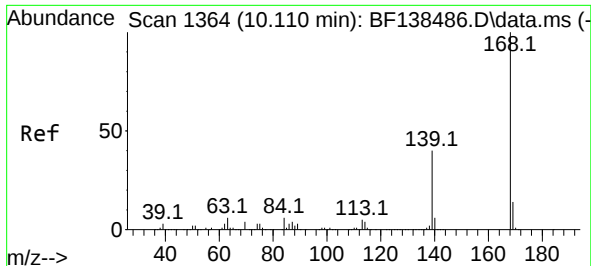
Delta R.T. -0.000 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

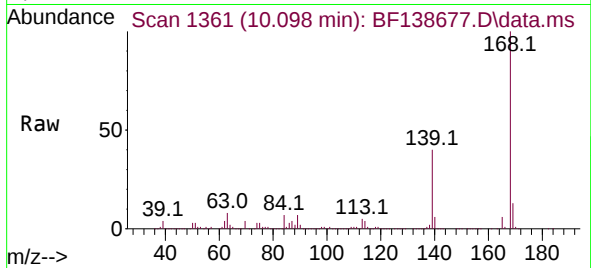
Tgt Ion:184 Resp: 30255
 Ion Ratio Lower Upper
 184 100
 63 79.0 70.6 106.0
 154 65.7 53.8 80.6





#55
Dibenzenofuran
Concen: 46.805 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

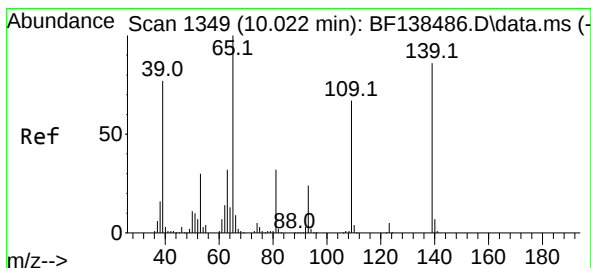
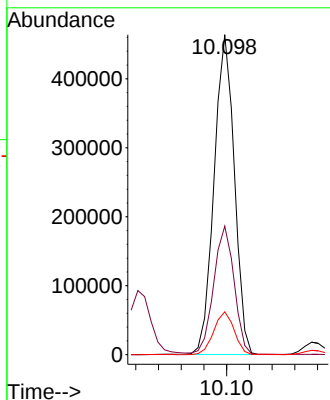
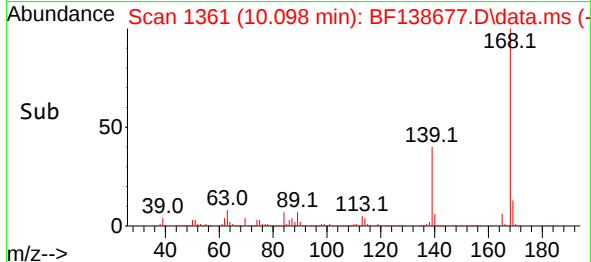
Instrument :
BNA_F
ClientSampleId :
72-11978MSD



Tgt Ion:168 Resp: 574728
Ion Ratio Lower Upper
168 100
139 40.2 32.4 48.6
169 13.4 10.9 16.3

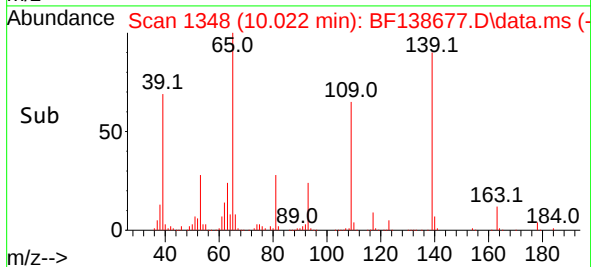
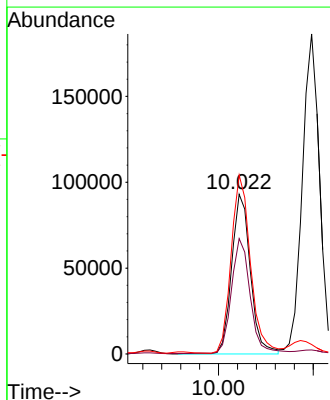
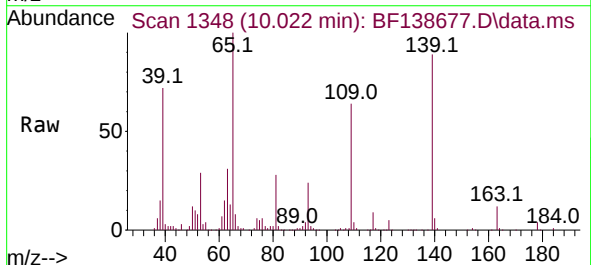
Manual Integrations
APPROVED

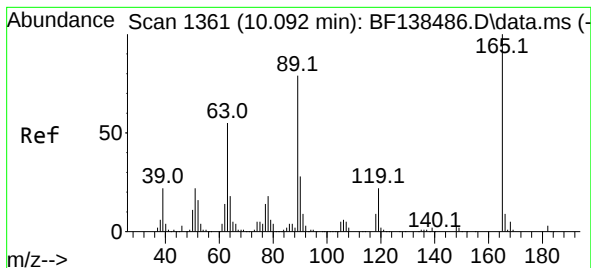
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#56
4-Nitrophenol
Concen: 72.272 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:139 Resp: 127496
Ion Ratio Lower Upper
139 100
109 72.2 58.1 98.1
65 112.1 96.9 136.9





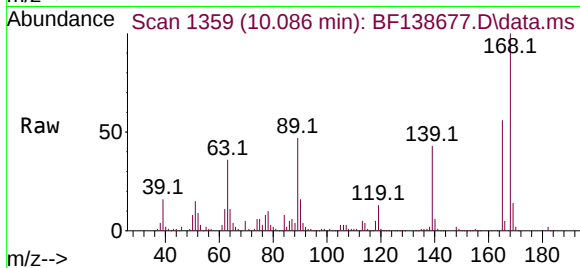
#57
2,4-Dinitrotoluene
Concen: 41.145 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

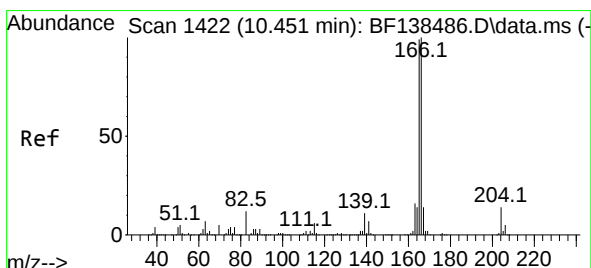
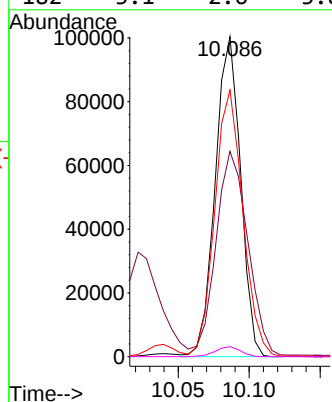
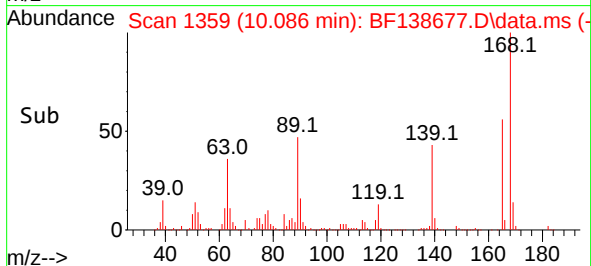


Tgt Ion:165 Resp: 12418
Ion Ratio Lower Upper
165 100
63 64.1 44.6 66.8
89 83.3 63.4 95.2
182 3.1 2.6 3.8

Manual Integrations

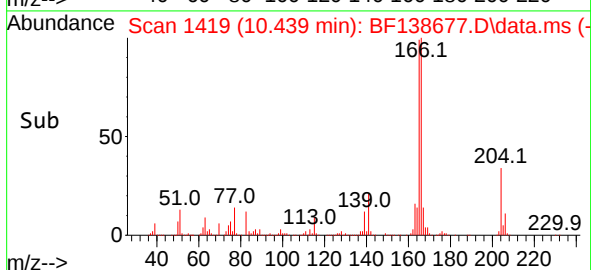
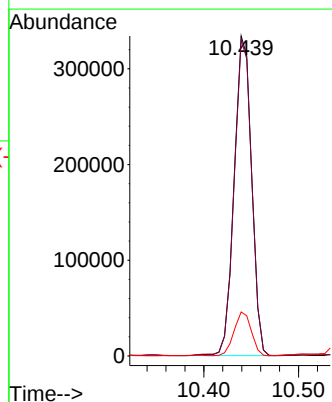
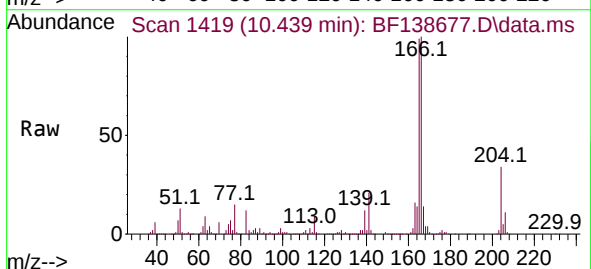
APPROVED

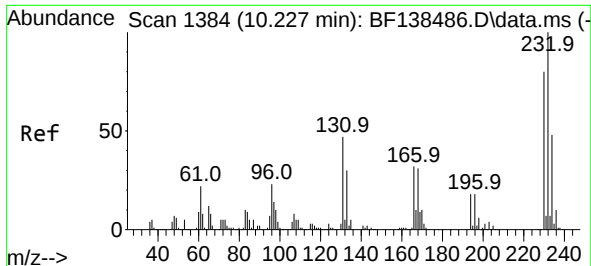
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#58
Fluorene
Concen: 43.961 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:166 Resp: 427120
Ion Ratio Lower Upper
166 100
165 98.8 79.1 118.7
167 13.7 11.0 16.6





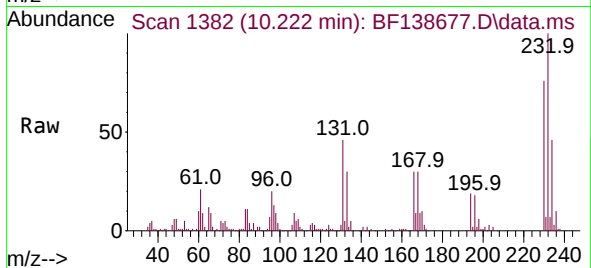
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.620 ng
RT: 10.222 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

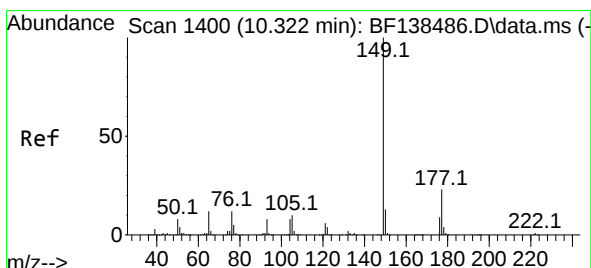
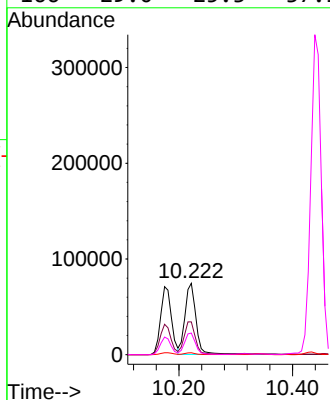
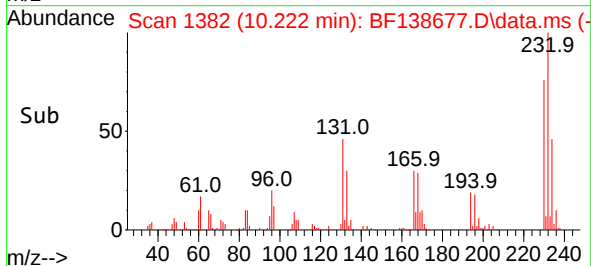


Tgt Ion:232 Resp: 100631
Ion Ratio Lower Upper
232 100
131 45.5 37.5 56.3
130 2.4 2.0 3.0
166 29.0 25.3 37.9

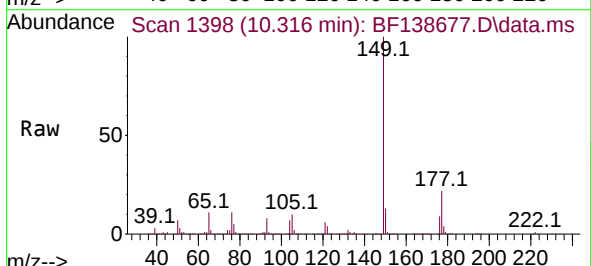
Manual Integrations

APPROVED

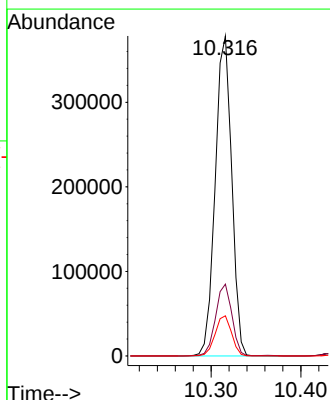
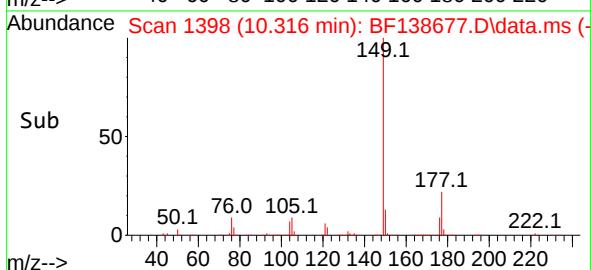
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

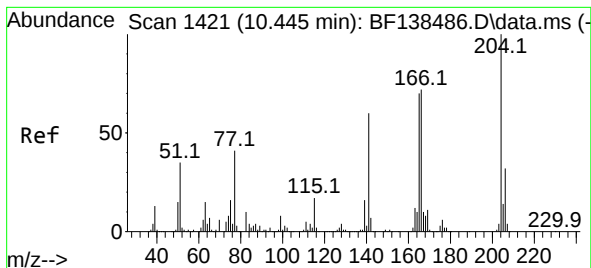


#60
Diethylphthalate
Concen: 49.341 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16



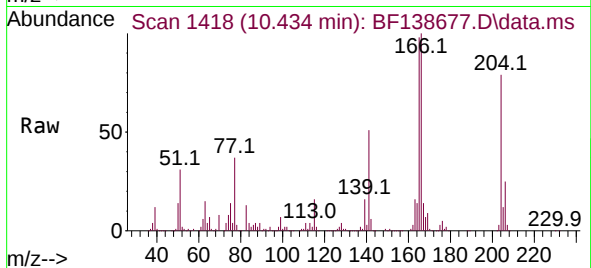
Tgt Ion:149 Resp: 481908
Ion Ratio Lower Upper
149 100
177 22.5 18.5 27.7
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 42.812 ng
RT: 10.434 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

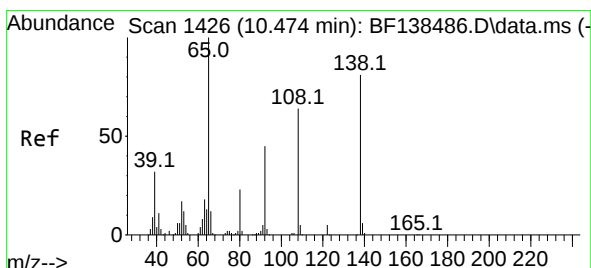
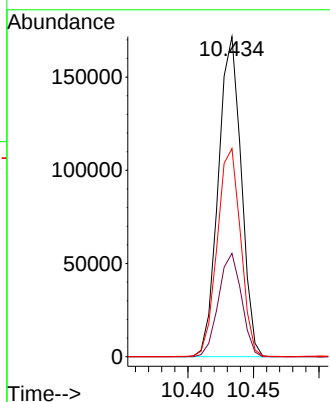
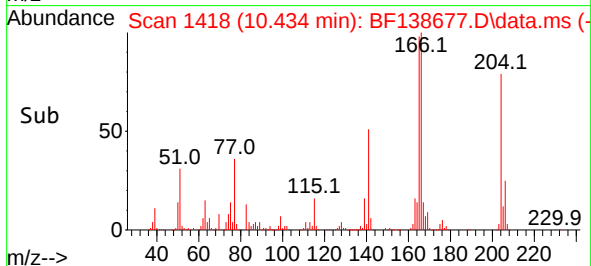
Instrument :
BNA_F
ClientSampleId :
72-11978MSD



Tgt Ion:204 Resp: 20887
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 65.1 47.7 71.5

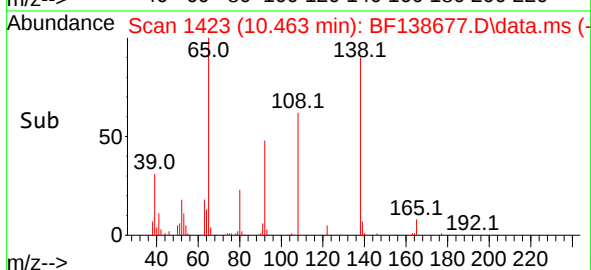
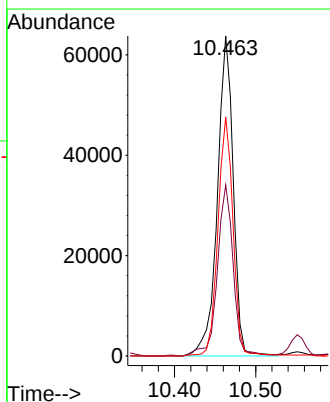
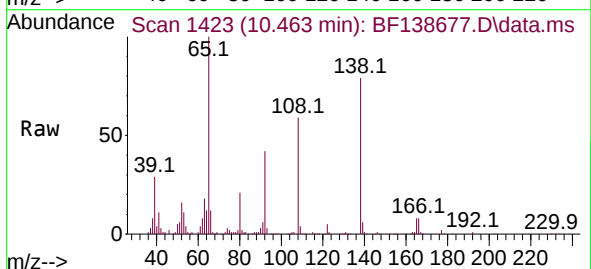
Manual Integrations
APPROVED

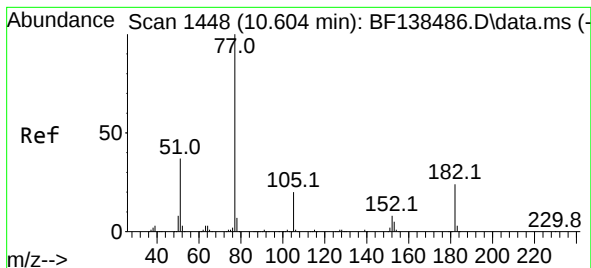
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#62
4-Nitroaniline
Concen: 36.294 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.011 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:138 Resp: 86953
Ion Ratio Lower Upper
138 100
92 53.5 35.8 75.8
108 74.6 59.8 99.8





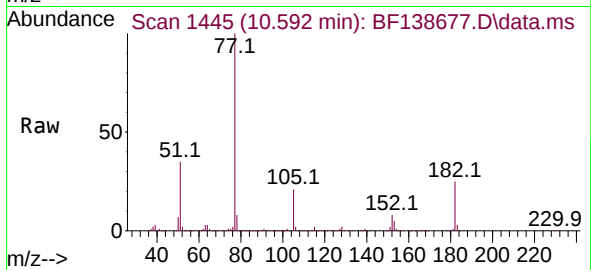
#63
Azobenzene
Concen: 44.684 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

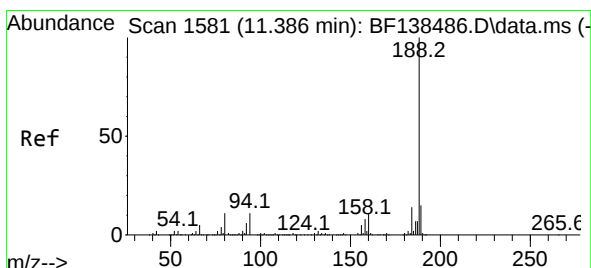
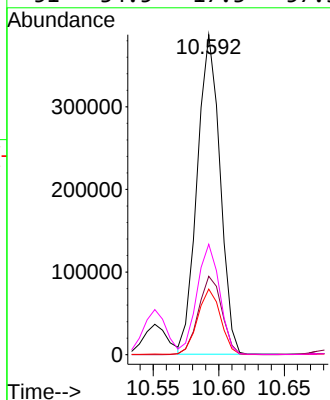
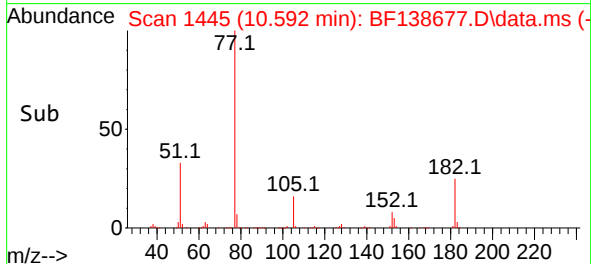


Tgt Ion: 77 Resp: 46921
Ion Ratio Lower Upper
77 100
182 24.5 3.8 43.8
105 20.5 0.0 39.8
51 34.5 17.3 57.3

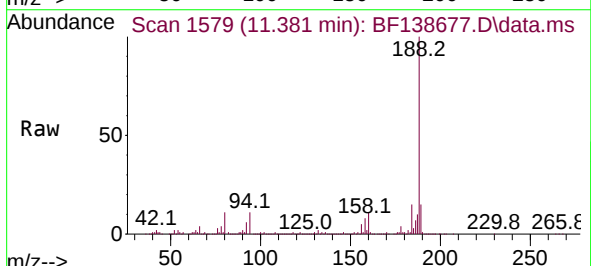
Manual Integrations

APPROVED

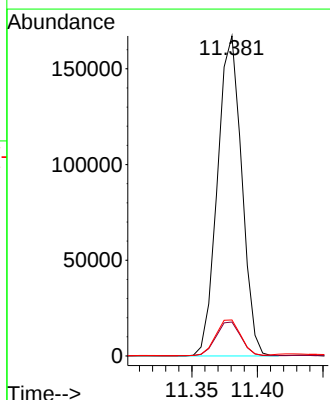
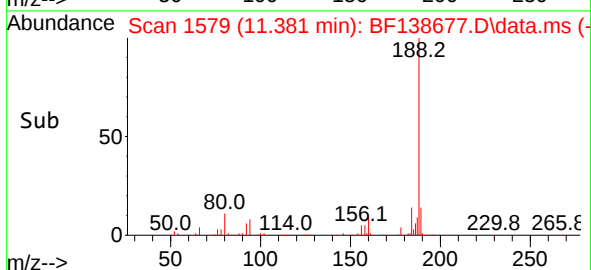
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

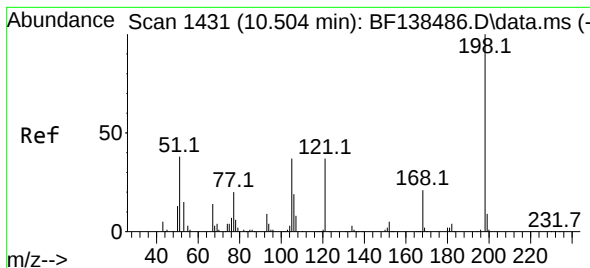


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.381 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16



Tgt Ion:188 Resp: 215112
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 11.3 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 22.255 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

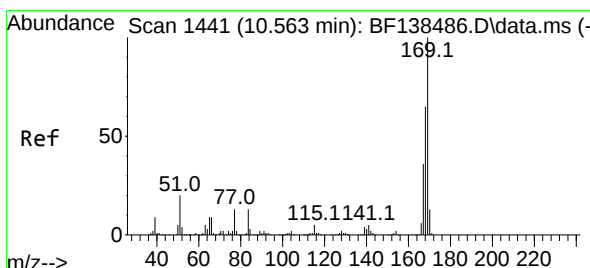
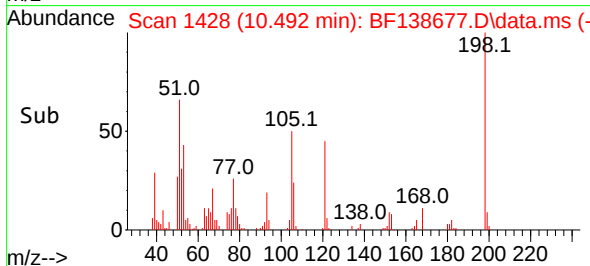
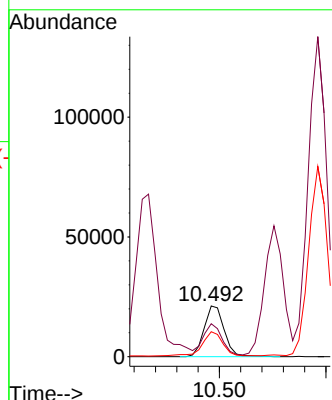
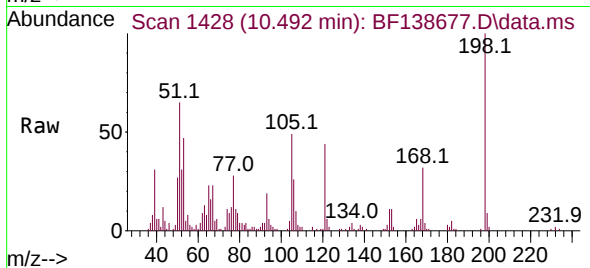
72-11978MSD

Tgt Ion:198 Resp: 2764
Ion Ratio Lower Upper
198 100
51 65.1 27.2 67.2
105 49.4 18.5 58.5

Manual Integrations

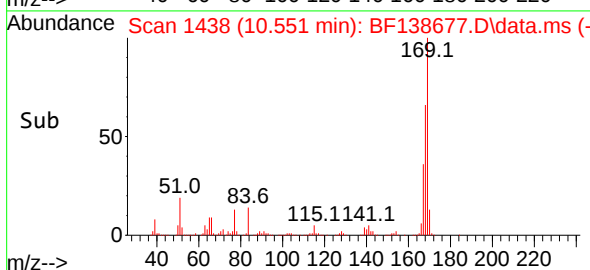
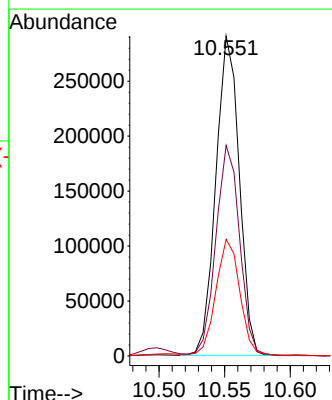
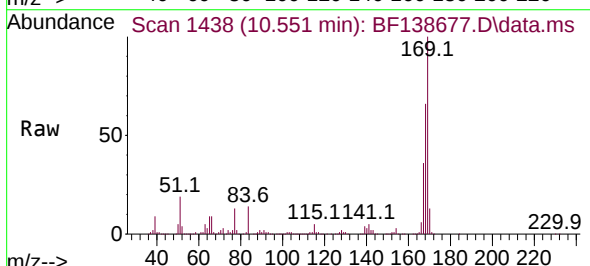
APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#66
n-Nitrosodiphenylamine
Concen: 55.797 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.011 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:169 Resp: 359606
Ion Ratio Lower Upper
169 100
168 65.8 51.7 77.5
167 36.5 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 52.304 ng
RT: 10.922 min Scan# 11564
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

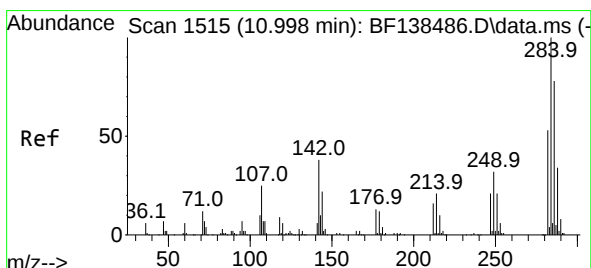
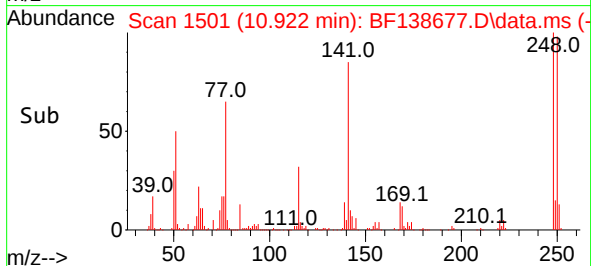
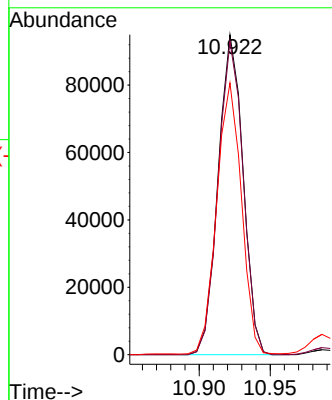
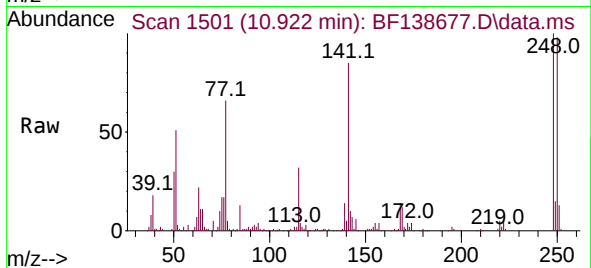
72-11978MSD

Tgt Ion:248 Resp: 11564
Ion Ratio Lower Upper
248 100
250 97.9 77.9 116.9
141 84.9 67.7 101.5

Manual Integrations

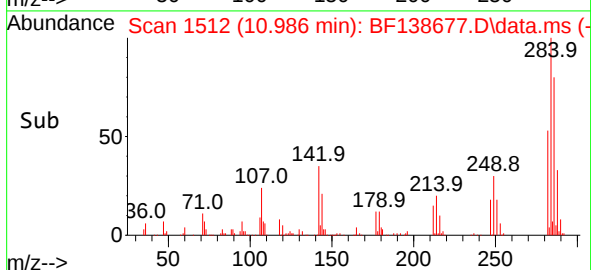
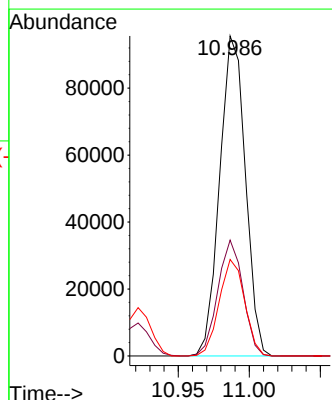
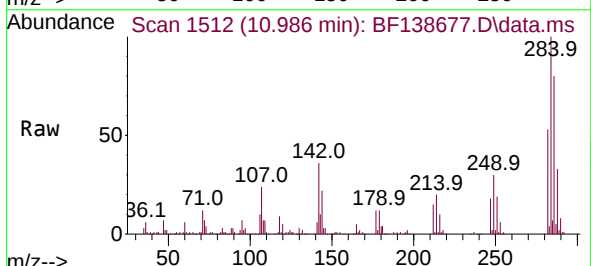
APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#68
Hexachlorobenzene
Concen: 48.953 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.011 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:284 Resp: 120238
Ion Ratio Lower Upper
284 100
142 36.2 30.5 45.7
249 30.1 25.9 38.9





#69

Atrazine

Concen: 46.834 ng

RT: 11.081 min Scan# 1528

Delta R.T. -0.012 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

Tgt Ion:200 Resp: 100074

Ion Ratio Lower Upper

200 100

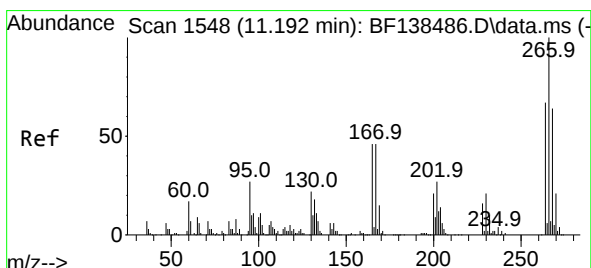
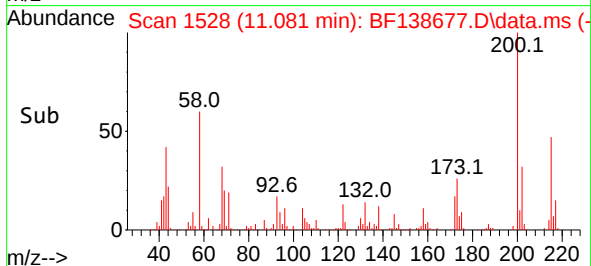
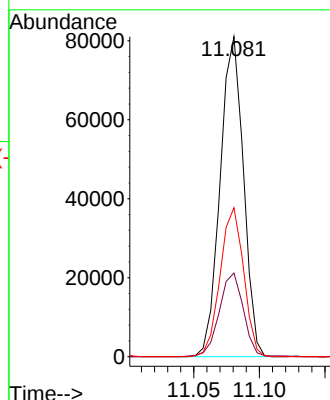
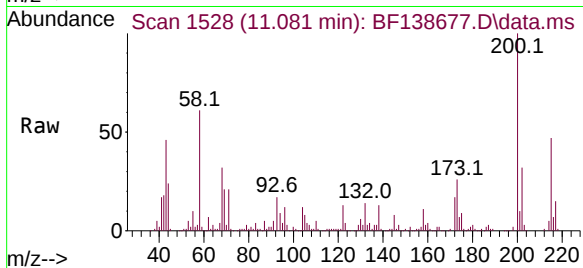
173 26.2 4.1 44.1

215 46.5 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#70

Pentachlorophenol

Concen: 87.766 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

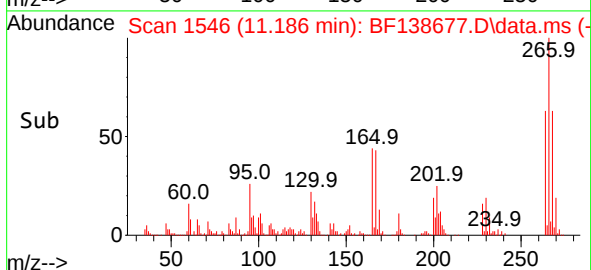
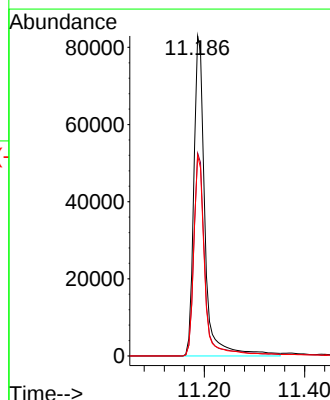
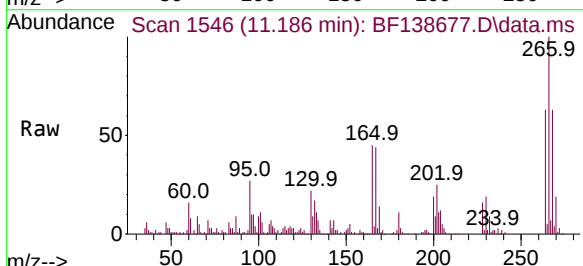
Tgt Ion:266 Resp: 127559

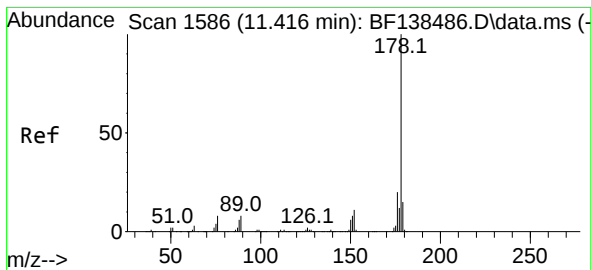
Ion Ratio Lower Upper

266 100

268 63.4 50.9 76.3

264 62.6 53.5 80.3





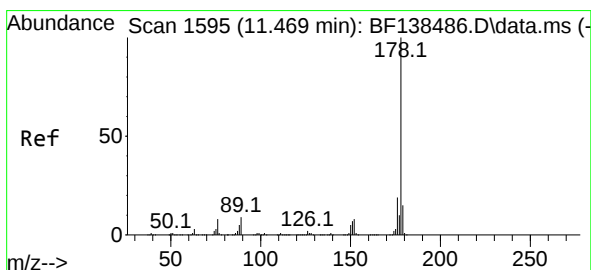
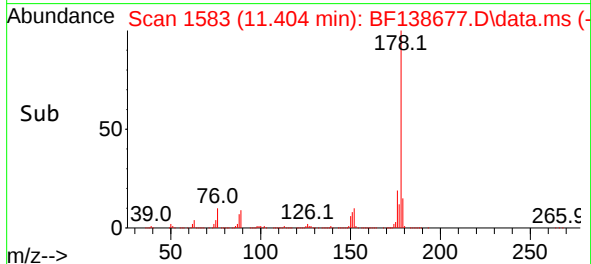
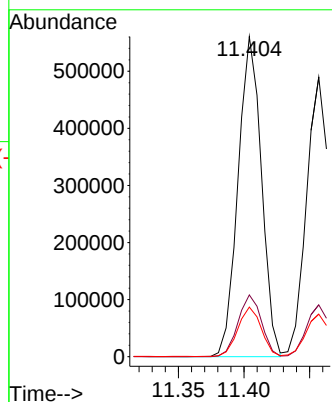
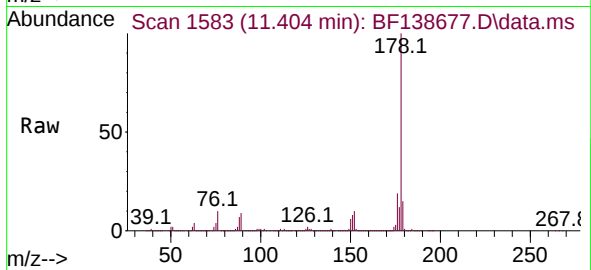
#71
Phenanthrene
Concen: 63.956 ng
RT: 11.404 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :
BNA_F
ClientSampleId :
72-11978MSD

Tgt Ion:178 Resp: 695040
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.5 12.2 18.2

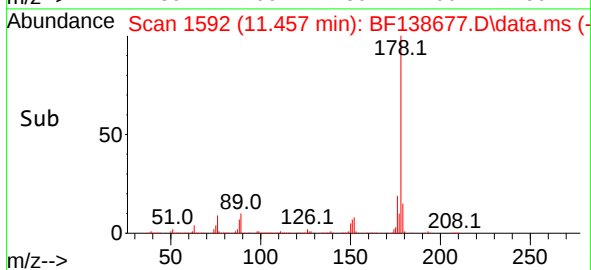
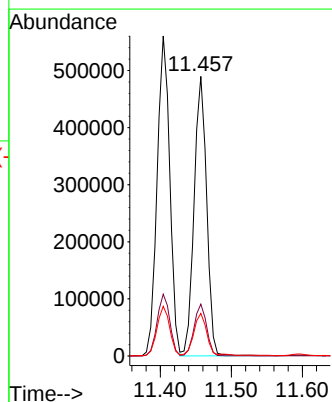
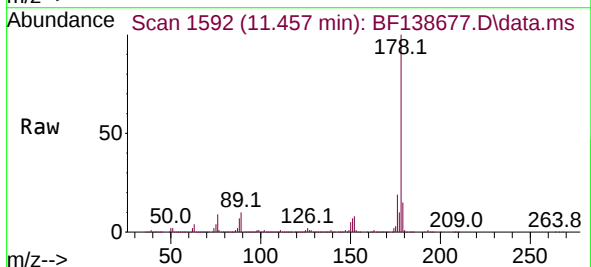
Manual Integrations
APPROVED

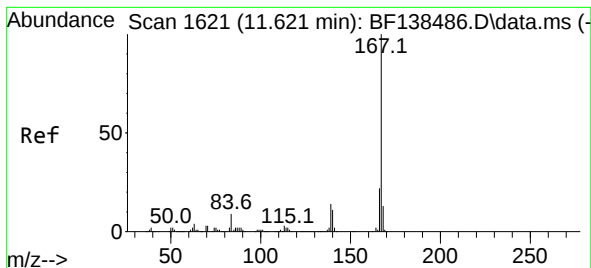
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#72
Anthracene
Concen: 55.926 ng
RT: 11.457 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:178 Resp: 603326
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.2 12.2 18.4





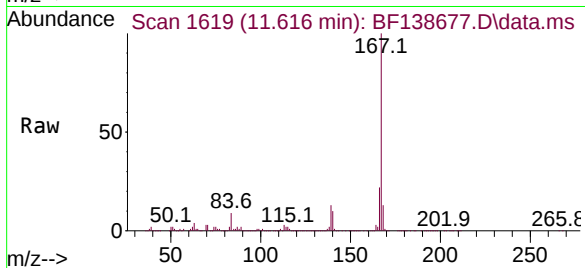
#73
 Carbazole
 Concen: 51.895 ng
 RT: 11.616 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF138677.D
 Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

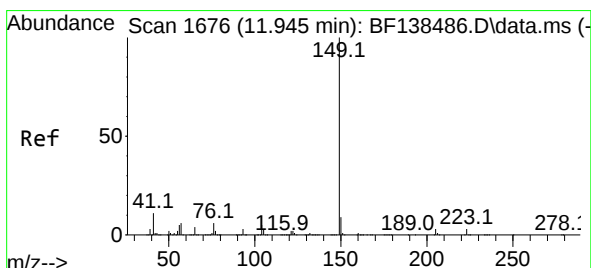
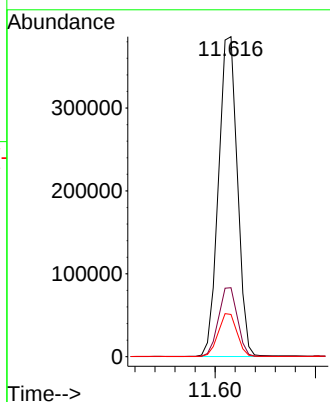
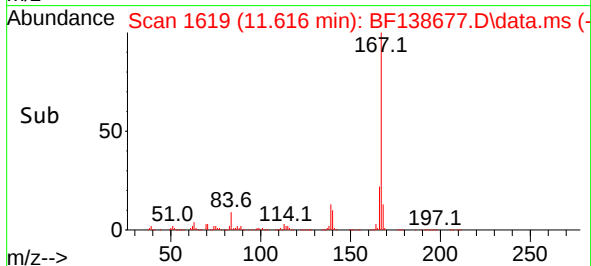


Tgt Ion:167 Resp: 50310
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.6
 139 13.2 11.0 16.4

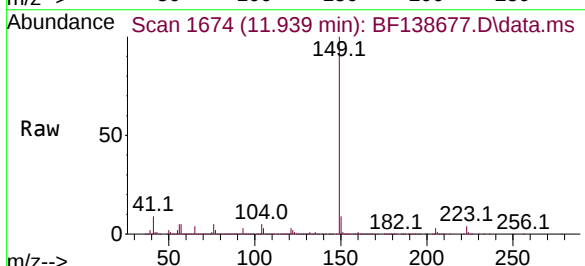
Manual Integrations

APPROVED

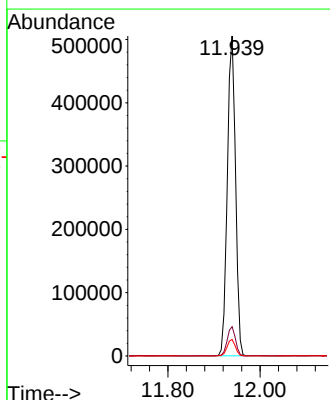
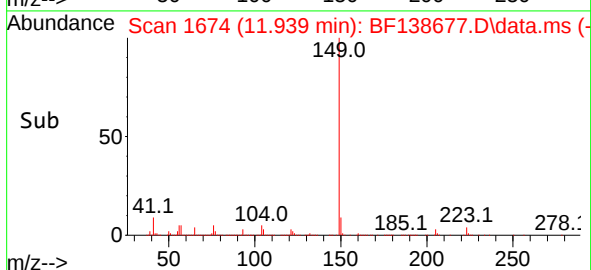
Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

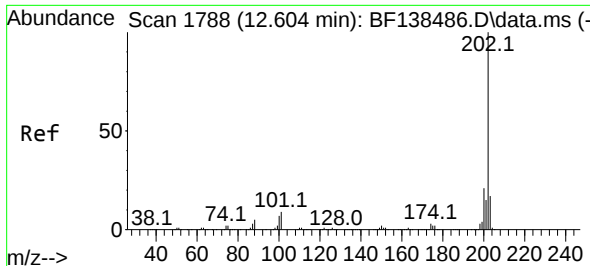


#74
 Di-n-butylphthalate
 Concen: 55.627 ng
 RT: 11.939 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF138677.D
 Acq: 29 Jul 2024 19:16



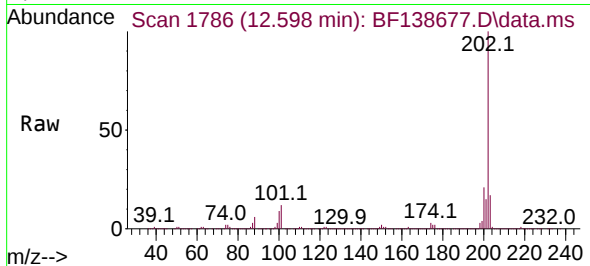
Tgt Ion:149 Resp: 621625
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 95.042 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

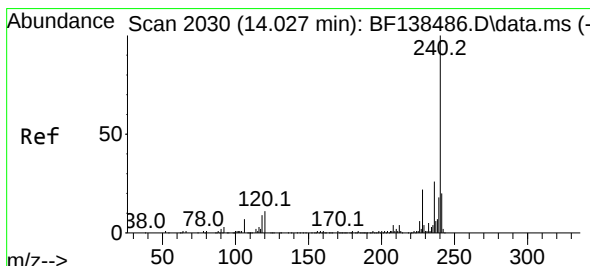
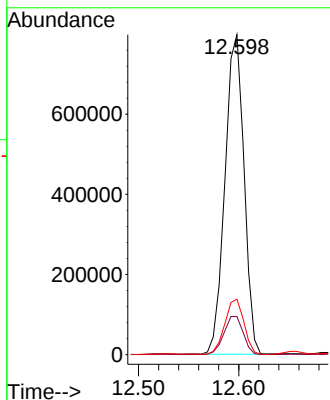
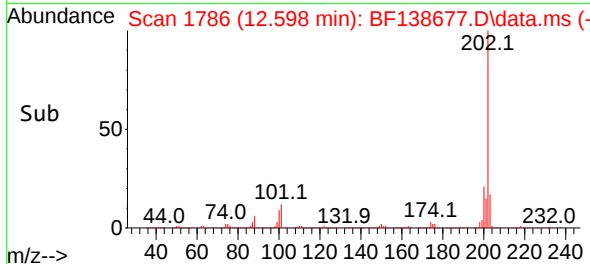
Instrument :
BNA_F
ClientSampleId :
72-11978MSD



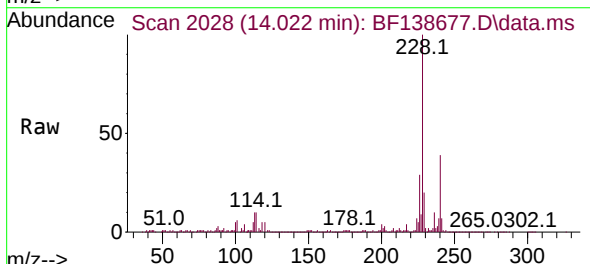
Tgt Ion:202 Resp: 105394
Ion Ratio Lower Upper
202 100
101 11.9 0.0 29.2
203 17.4 0.0 37.3

Manual Integrations
APPROVED

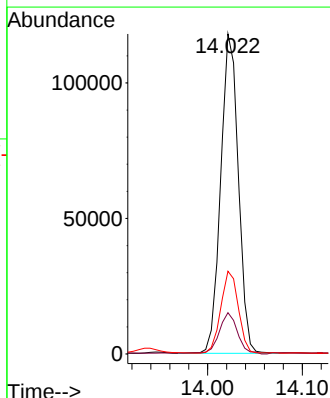
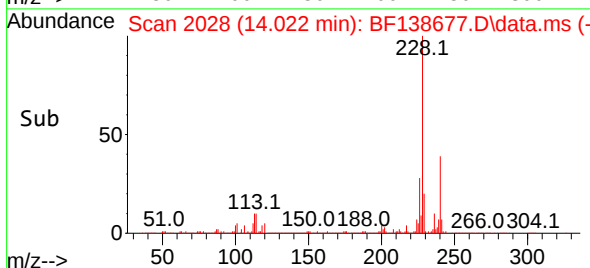
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

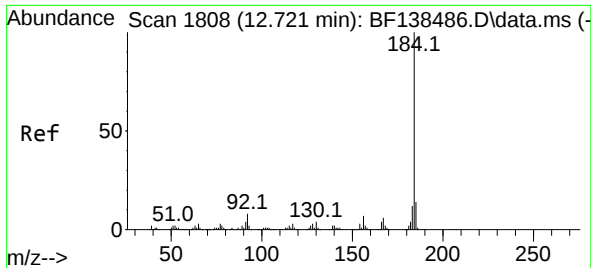


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16



Tgt Ion:240 Resp: 152780
Ion Ratio Lower Upper
240 100
120 12.9 8.6 12.8#
236 25.8 21.0 31.6





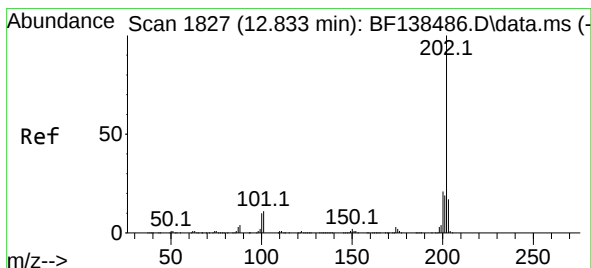
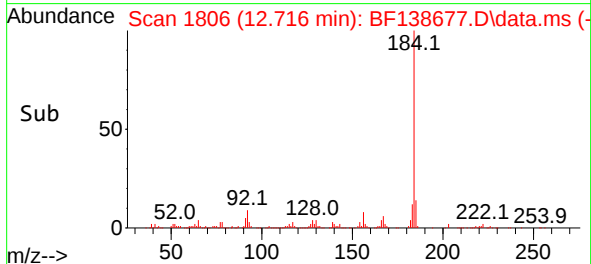
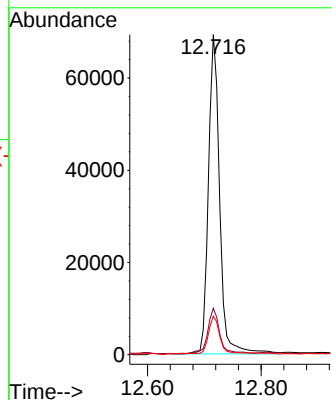
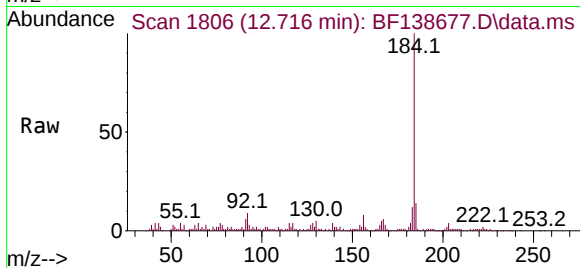
#77
Benzidine
Concen: 24.552 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.005 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :
BNA_F
ClientSampleId :
72-11978MSD

Tgt Ion:184 Resp: 94639
Ion Ratio Lower Upper
184 100
185 14.5 11.3 16.9
183 12.1 9.5 14.3

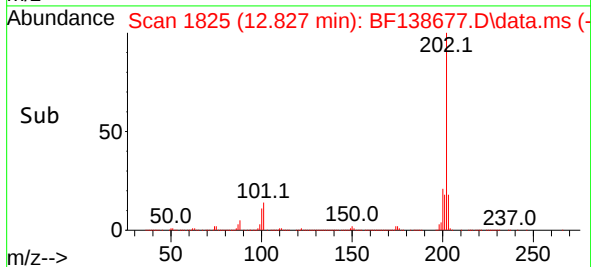
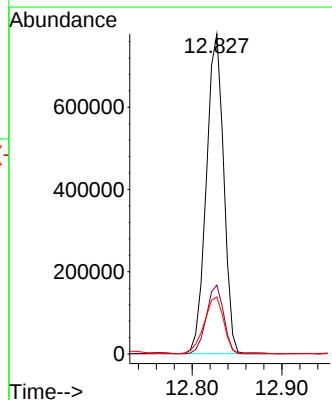
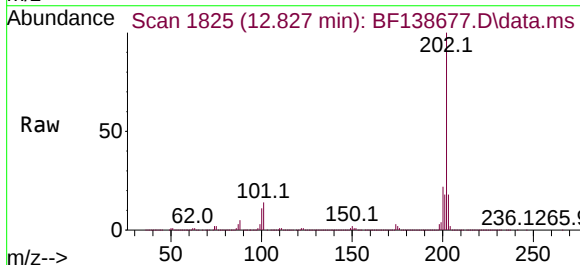
Manual Integrations
APPROVED

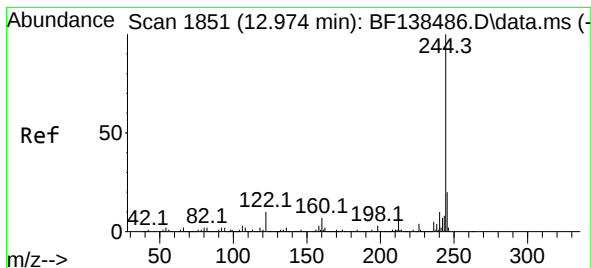
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#78
Pyrene
Concen: 67.199 ng
RT: 12.827 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:202 Resp: 1042211
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.8 13.7 20.5





#79

Terphenyl-d14

Concen: 78.676 ng

RT: 12.963 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

72-11978MSD

Tgt Ion:244 Resp: 73782

Ion Ratio Lower Upper

244 100

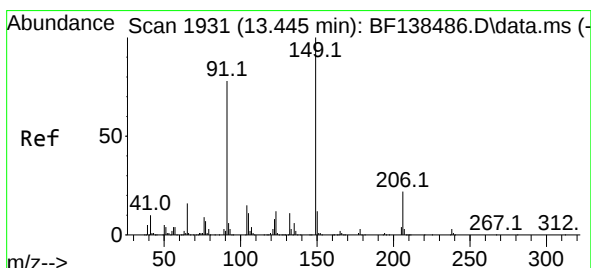
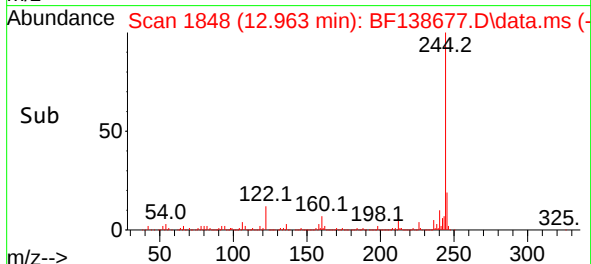
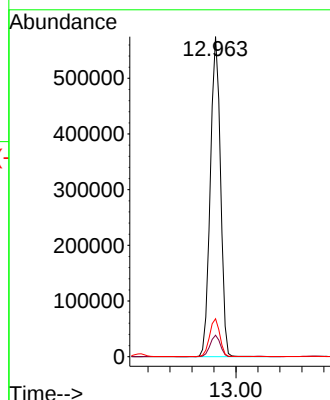
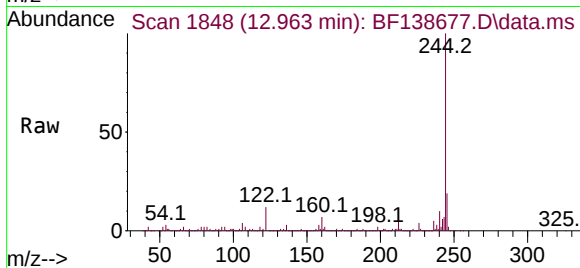
212 6.7 5.5 8.3

122 11.9 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#80

Butylbenzylphthalate

Concen: 59.733 ng

RT: 13.439 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

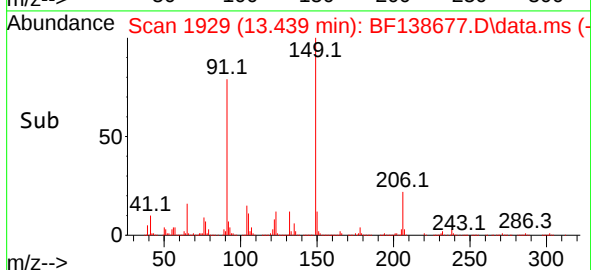
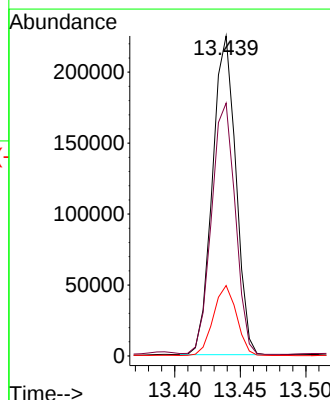
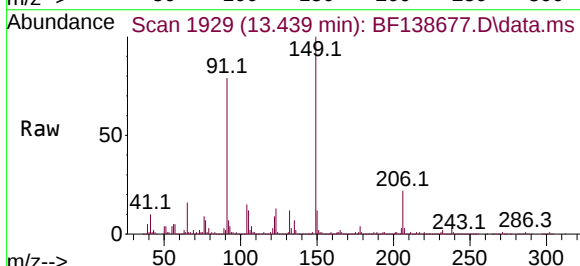
Tgt Ion:149 Resp: 278684

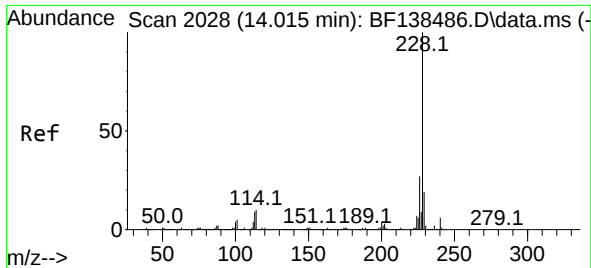
Ion Ratio Lower Upper

149 100

91 79.0 62.1 93.1

206 22.0 18.0 27.0





#81
Benzo(a)anthracene
Concen: 70.295 ng
RT: 14.010 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

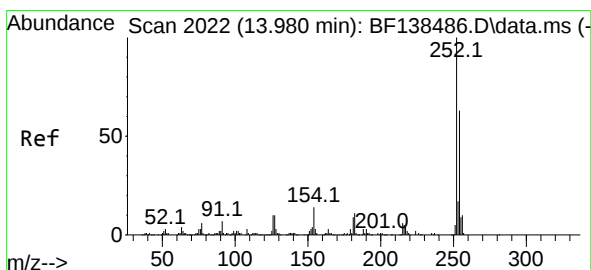
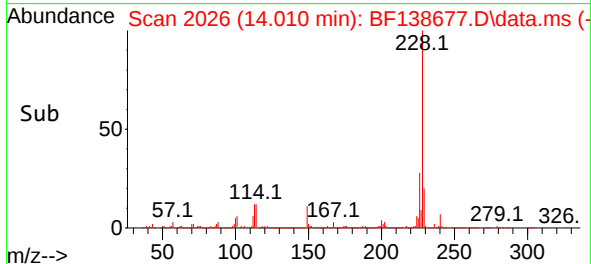
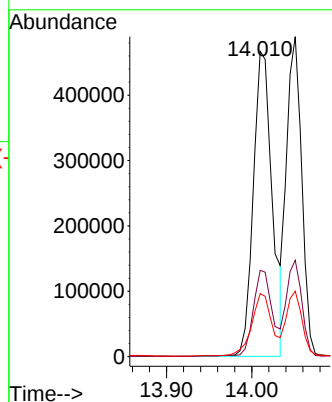
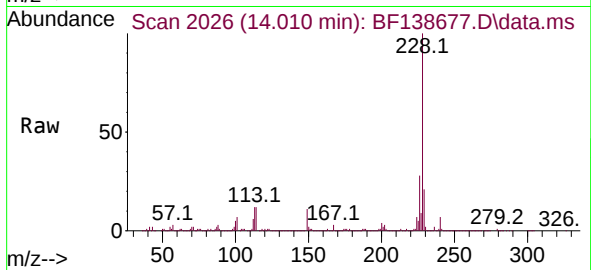
72-11978MSD

Tgt Ion:228 Resp: 720630
Ion Ratio Lower Upper
228 100
226 28.3 21.9 32.9
229 20.7 15.5 23.3

Manual Integrations

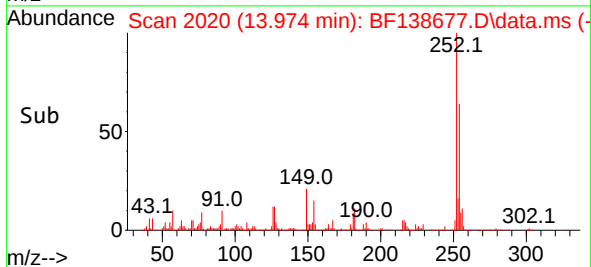
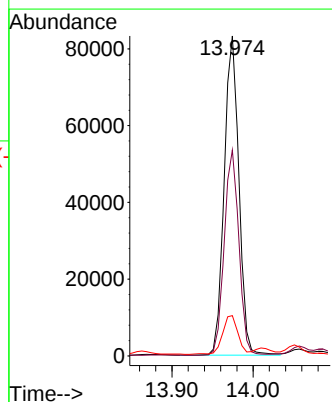
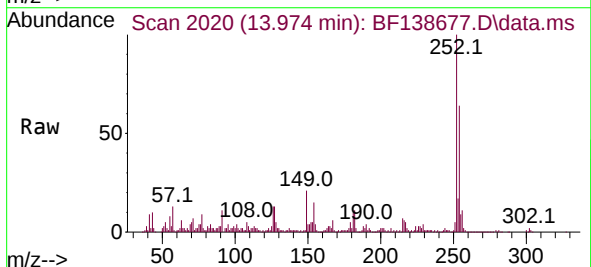
APPROVED

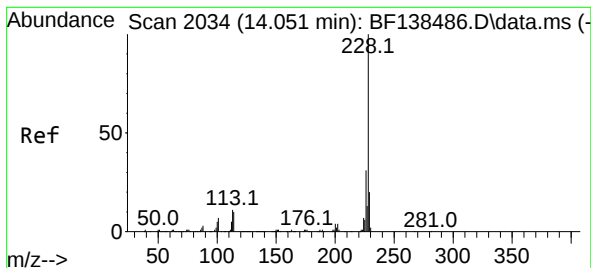
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#82
3,3'-Dichlorobenzidine
Concen: 39.729 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:252 Resp: 104946
Ion Ratio Lower Upper
252 100
254 64.4 50.3 75.5
126 12.6 8.1 12.1#





#83

Chrysene

Concen: 62.166 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

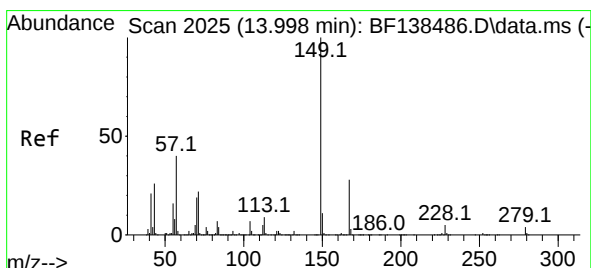
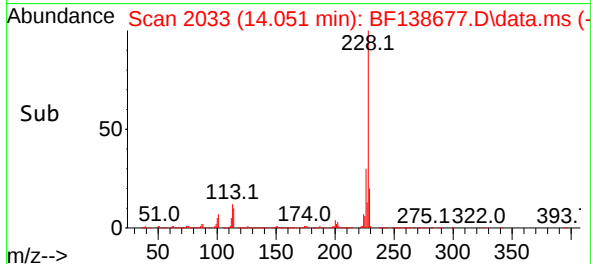
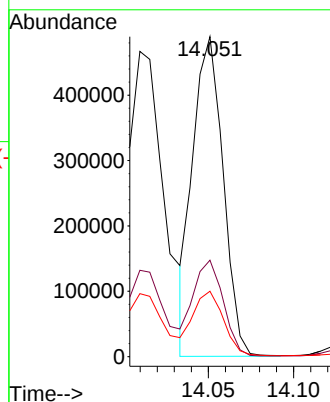
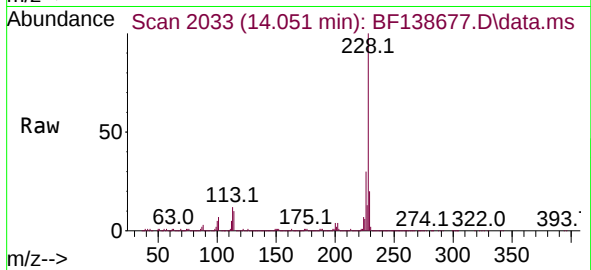
72-11978MSD

Tgt Ion:228 Resp: 60288
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.4 36.6
 229 20.5 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.944 ng

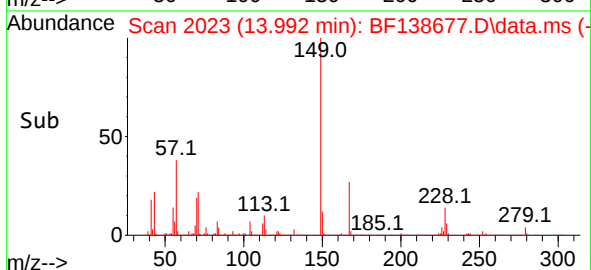
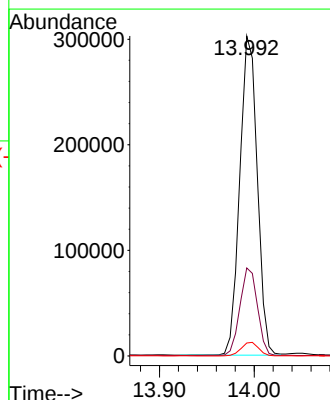
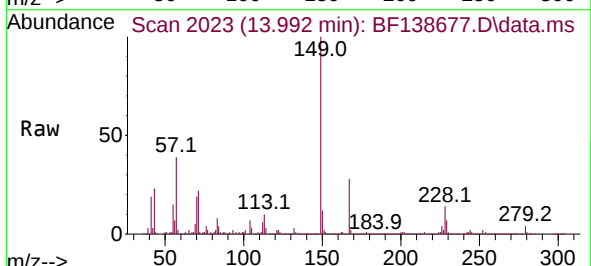
RT: 13.992 min Scan# 2023

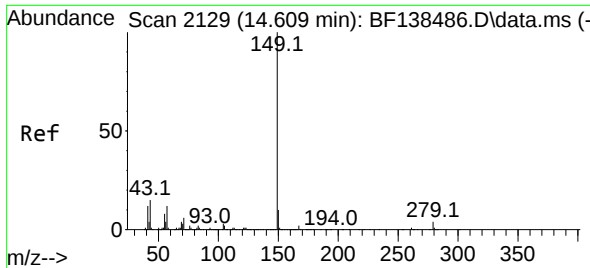
Delta R.T. -0.006 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

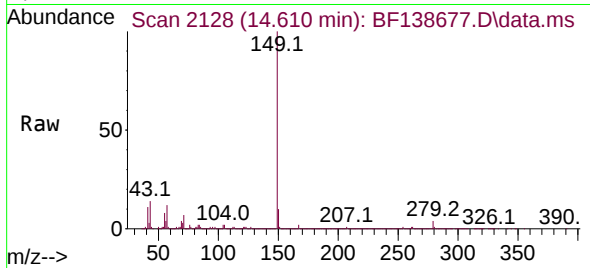
Tgt Ion:149 Resp: 387833
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.5 33.7
 279 4.1 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 82.681 ng
RT: 14.610 min Scan# 2129
Delta R.T. 0.001 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

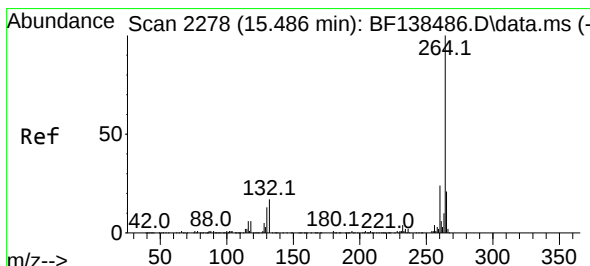
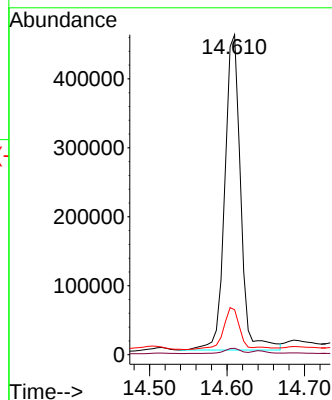
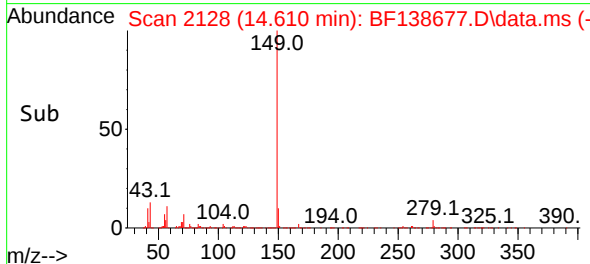
Instrument :
BNA_F
ClientSampleId :
72-11978MSD



Tgt Ion:149 Resp: 649912
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.3 10.7 16.1

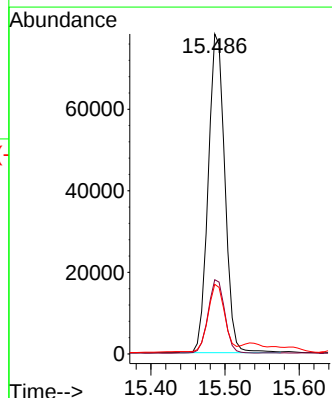
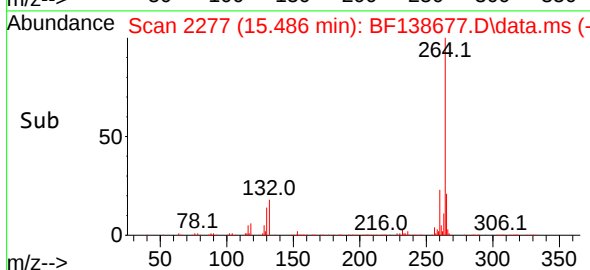
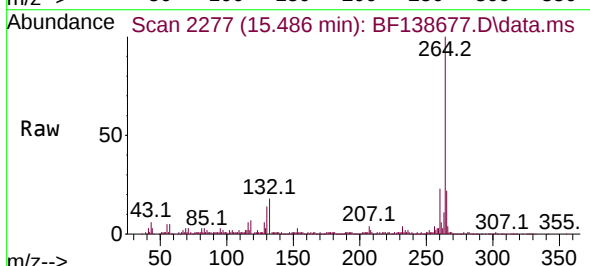
Manual Integrations
APPROVED

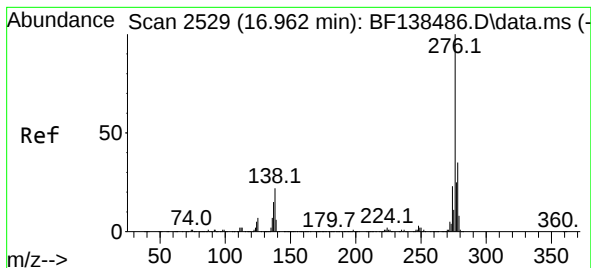
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

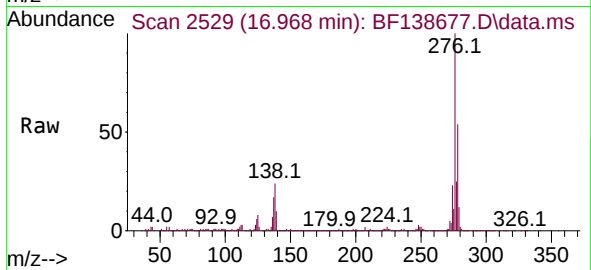
Tgt Ion:264 Resp: 121712
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 21.7 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.583 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

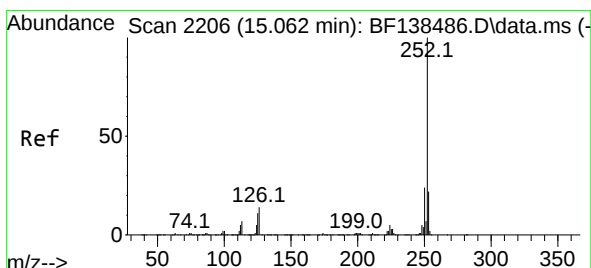
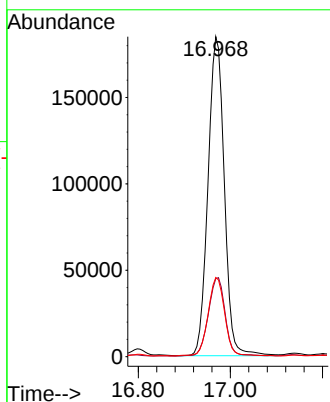
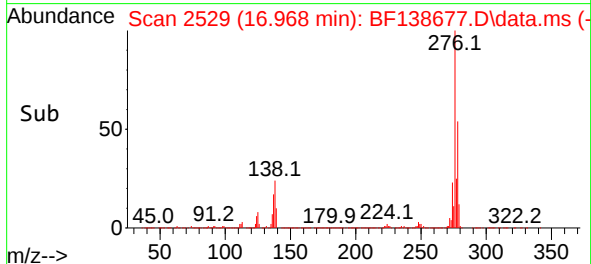
Instrument :
BNA_F
ClientSampleId :
72-11978MSD



Tgt Ion:276 Resp: 45441
Ion Ratio Lower Upper
276 100
138 25.3 19.6 29.4
277 25.0 20.5 30.7

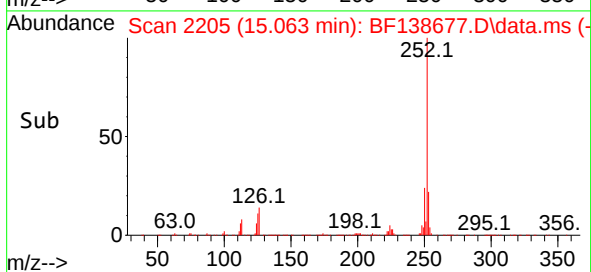
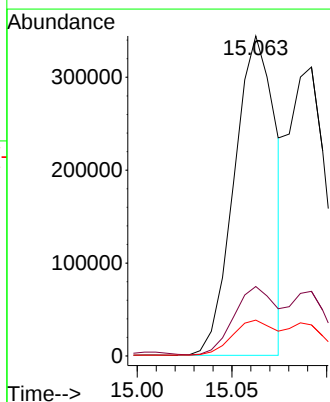
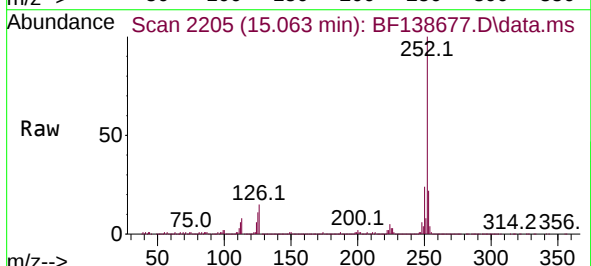
Manual Integrations
APPROVED

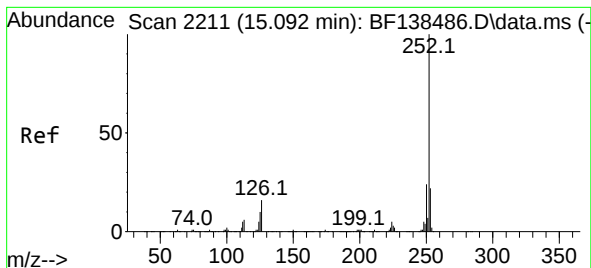
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#88
Benzo(b)fluoranthene
Concen: 75.950 ng
RT: 15.063 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:252 Resp: 520594
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 11.2 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 63.735 ng m

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

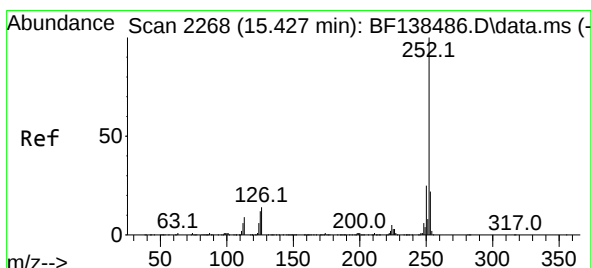
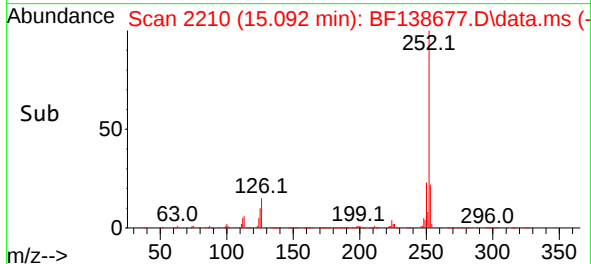
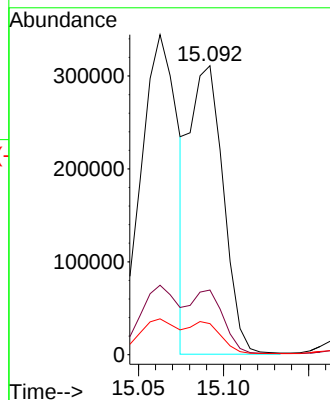
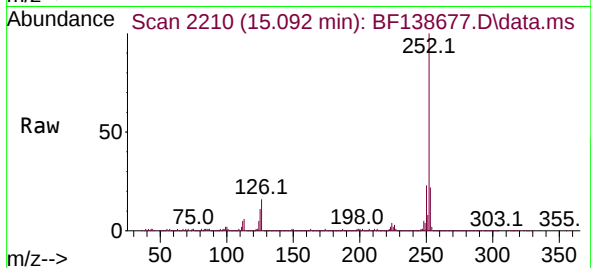
72-11978MSD

Tgt Ion:252 Resp: 426070
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.7 26.5
 125 10.7 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



#90

Benzo(a)pyrene

Concen: 64.228 ng

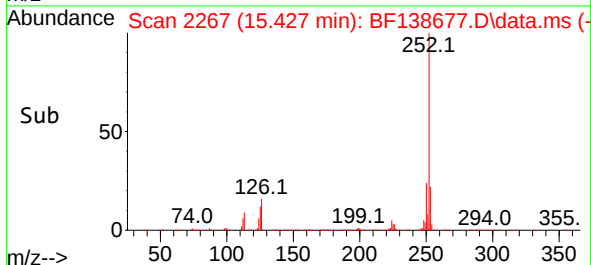
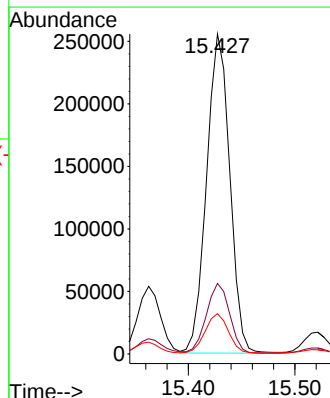
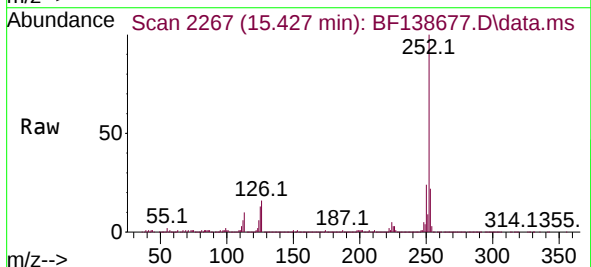
RT: 15.427 min Scan# 2267

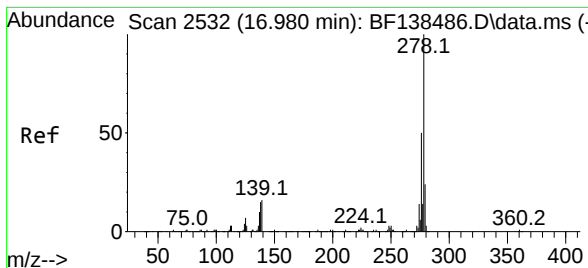
Delta R.T. 0.000 min

Lab File: BF138677.D

Acq: 29 Jul 2024 19:16

Tgt Ion:252 Resp: 386742
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.0
 125 12.6 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 50.988 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Instrument :

BNA_F

ClientSampleId :

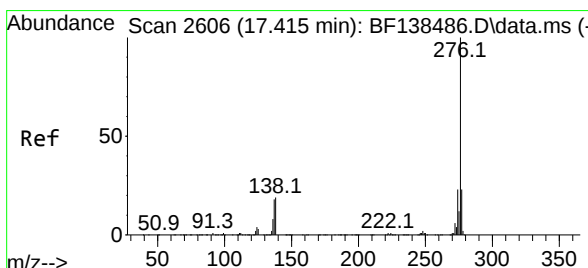
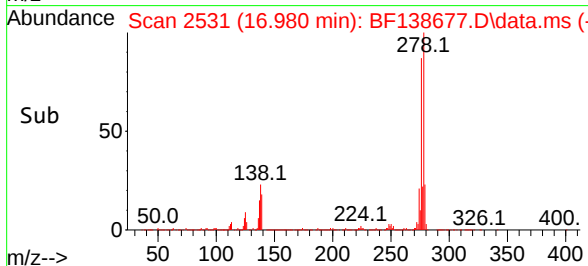
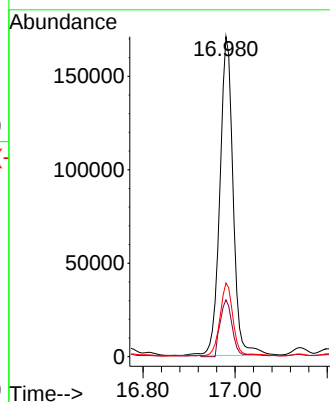
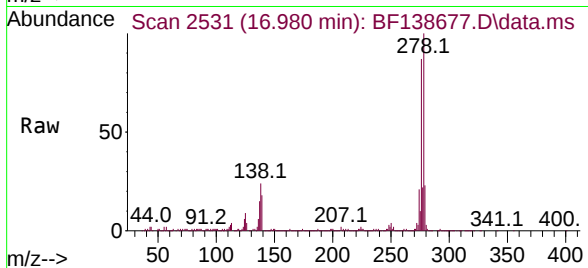
72-11978MSD

Tgt Ion:278 Resp: 34098
Ion Ratio Lower Upper
278 100
139 17.7 12.8 19.2
279 23.0 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#92
Benzo(g,h,i)perylene
Concen: 49.058 ng
RT: 17.415 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF138677.D
Acq: 29 Jul 2024 19:16

Tgt Ion:276 Resp: 347895
Ion Ratio Lower Upper
276 100
277 23.3 18.0 27.0
138 23.1 15.5 23.3

